

City Council Regular Meeting  
Monday, April 4, 2022 7:00 PM  
Council Chambers  
1369 25 Avenue  
Columbus, NE 68601

1. **STATEMENT OF COMPLIANCE WITH OPEN MEETINGS ACT AND ROLL CALL**

# Open Meetings Act

## **Neb. Rev. Stat. § 84-1407. Act, how cited.**

Sections 84-1407 to 84-1414 shall be known and may be cited as the Open Meetings Act.

## **Neb. Rev. Stat. § 84-1408. Declaration of intent; meetings open to public.**

It is hereby declared to be the policy of this state that the formation of public policy is public business and may not be conducted in secret.

Every meeting of a public body shall be open to the public in order that citizens may exercise their democratic privilege of attending and speaking at meetings of public bodies, except as otherwise provided by the Constitution of Nebraska, federal statutes, and the Open Meetings Act.

## **Neb. Rev. Stat. § 84-1409. Terms, defined.**

For purposes of the Open Meetings Act, unless the context otherwise requires:

(1)(a) Public body means (i) governing bodies of all political subdivisions of the State of Nebraska, (ii) governing bodies of all agencies, created by the Constitution of Nebraska, statute, or otherwise pursuant to law, of the executive department of the State of Nebraska, (iii) all independent boards, commissions, bureaus, committees, councils, subunits, or any other bodies created by the Constitution of Nebraska, statute, or otherwise pursuant to law, (iv) all study or advisory committees of the executive department of the State of Nebraska whether having continuing existence or appointed as special committees with limited existence, (v) advisory committees of the bodies referred to in subdivisions (i), (ii), and (iii) of this subdivision, and (vi) instrumentalities exercising essentially public functions; and

(b) Public body does not include (i) subcommittees of such bodies unless a quorum of the public body attends a subcommittee meeting or unless such subcommittees are holding hearings, making policy, or taking formal action on behalf of their parent body, except that all meetings of any subcommittee established under section 81-15,175 are subject to the Open Meetings Act, and (ii) entities conducting judicial proceedings unless a court or other judicial body is exercising rulemaking authority, deliberating, or deciding upon the issuance of administrative orders;

(2) Meeting means all regular, special, or called meetings, formal or informal, of any public body for the purposes of briefing, discussion of public business, formation of tentative policy, or the taking of any action of the public body; and

(3) Virtual conferencing means conducting or participating in a meeting electronically or telephonically with interaction among the participants subject to subsection (2) of section 84-1412.

## **Neb. Rev. Stat. § 84-1410. Closed session; when; purpose; reasons listed; procedure; right to challenge; prohibited acts; chance meetings, conventions, or workshops.**

(1) Any public body may hold a closed session by the affirmative vote of a majority of its voting members if a closed session is clearly necessary for the protection of the public interest or for the prevention of needless injury to the reputation of an individual and if such

individual has not requested a public meeting. The subject matter and the reason necessitating the closed session shall be identified in the motion to close. Closed sessions may be held for, but shall not be limited to, such reasons as:

(a) Strategy sessions with respect to collective bargaining, real estate purchases, pending litigation, or litigation which is imminent as evidenced by communication of a claim or threat of litigation to or by the public body;

(b) Discussion regarding deployment of security personnel or devices;

(c) Investigative proceedings regarding allegations of criminal misconduct;

(d) Evaluation of the job performance of a person when necessary to prevent needless injury to the reputation of a person and if such person has not requested a public meeting;

(e) For the Community Trust created under section 81-1801.02, discussion regarding the amounts to be paid to individuals who have suffered from a tragedy of violence or natural disaster; or

(f) For public hospitals, governing board peer review activities, professional review activities, review and discussion of medical staff investigations or disciplinary actions, and any strategy session concerning transactional negotiations with any referral source that is required by federal law to be conducted at arms length.

Nothing in this section shall permit a closed meeting for discussion of the appointment or election of a new member to any public body.

(2) The vote to hold a closed session shall be taken in open session. The entire motion, the vote of each member on the question of holding a closed session, and the time when the closed session commenced and concluded shall be recorded in the minutes. If the motion to close passes, then the presiding officer immediately prior to the closed session shall restate on the record the limitation of the subject matter of the closed session. The public body holding such a closed session shall restrict its consideration of matters during the closed portions to only those purposes set forth in the motion to close as the reason for the closed session. The meeting shall be reconvened in open session before any formal action may be taken. For purposes of this section, formal action shall mean a collective decision or a collective commitment or promise to make a decision on any question, motion, proposal, resolution, order, or ordinance or formation of a position or policy but shall not include negotiating guidance given by members of the public body to legal counsel or other negotiators in closed sessions authorized under subdivision (1)(a) of this section.

(3) Any member of any public body shall have the right to challenge the continuation of a closed session if the member determines that the session has exceeded the reason stated in the original motion to hold a closed session or if the member contends that the closed session is neither clearly necessary for (a) the protection of the public interest or (b) the prevention of needless injury to the reputation of an individual. Such challenge shall be overruled only by a majority vote of the

members of the public body. Such challenge and its disposition shall be recorded in the minutes.

(4) Nothing in this section shall be construed to require that any meeting be closed to the public. No person or public body shall fail to invite a portion of its members to a meeting, and no public body shall designate itself a subcommittee of the whole body for the purpose of circumventing the Open Meetings Act. No closed session, informal meeting, chance meeting, social gathering, email, fax, or other electronic communication shall be used for the purpose of circumventing the requirements of the act.

(5) The act does not apply to chance meetings or to attendance at or travel to conventions or workshops of members of a public body at which there is no meeting of the body then intentionally convened, if there is no vote or other action taken regarding any matter over which the public body has supervision, control, jurisdiction, or advisory power.

**Neb. Rev. Stat. § 84-1411. Meetings of public body; notice; method; contents; when available; right to modify; duties concerning notice; virtual meetings authorized; emergency meeting without notice; appearance before public body.**

(1)(a) Each public body shall give reasonable advance publicized notice of the time and place of each meeting as provided in this subsection. Such notice shall be transmitted to all members of the public body and to the public.

(b)(i) Except as provided in subdivision (1)(b)(ii) of this section, in the case of a public body described in subdivision (1)(a)(i) of section 84-1409 or such body's advisory committee, such notice shall be published in a newspaper of general circulation within the public body's jurisdiction and, if available, on such newspaper's web site.

(ii) In the case of the governing body of a city of the second class or village or such body's advisory committee, such notice shall be published by:

(A) Publication in a newspaper of general circulation within the public body's jurisdiction and, if available, on such newspaper's web site; or

(B) Posting written notice in three conspicuous public places in such city or village. Such notice shall be posted in the same three places for each meeting.

(iii) In the case of a public body not described in subdivision (1)(b)(i) or (ii) of this section, such notice shall be given by a method designated by the public body.

(c) In addition to a method of notice required by subdivision (1)(b)(i) or (ii) of this section, such notice may also be provided by any other appropriate method designated by such public body or such advisory committee.

(d) Each public body shall record the methods and dates of such notice in its minutes.

(e) Such notice shall contain an agenda of subjects known at the time of the publicized notice or a statement that the agenda, which shall be kept continually current, shall be readily available for public inspection at the principal office of the public body during normal business hours. Agenda items shall be sufficiently descriptive to give the public reasonable notice of the matters to be considered at the

meeting. Except for items of an emergency nature, the agenda shall not be altered later than (i) twenty-four hours before the scheduled commencement of the meeting or (ii) forty-eight hours before the scheduled commencement of a meeting of a city council or village board scheduled outside the corporate limits of the municipality. The public body shall have the right to modify the agenda to include items of an emergency nature only at such public meeting.

(2)(a) The following entities may hold a meeting by means of virtual conferencing if the requirements of subdivision (2)(b) of this section are met:

(i) A state agency, state board, state commission, state council, or state committee, or an advisory committee of any such state entity;

(ii) An organization, including the governing body, created under the Interlocal Cooperation Act, the Joint Public Agency Act, or the Municipal Cooperative Financing Act;

(iii) The governing body of a public power district having a chartered territory of more than one county in this state;

(iv) The governing body of a public power and irrigation district having a chartered territory of more than one county in this state;

(v) An educational service unit;

(vi) The Educational Service Unit Coordinating Council;

(vii) An organization, including the governing body, of a risk management pool or its advisory committees organized in accordance with the Intergovernmental Risk Management Act;

(viii) A community college board of governors;

(ix) The Nebraska Brand Committee;

(x) A local public health department;

(xi) A metropolitan utilities district;

(xii) A regional metropolitan transit authority;

(xiii) A natural resources district; and

(xiv) The Judicial Resources Commission.

(b) The requirements for holding a meeting by means of virtual conferencing are as follows:

(i) Reasonable advance publicized notice is given as provided in subsection (1) of this section, including providing access to a dial-in number or link to the virtual conference;

(ii) In addition to the public's right to participate by virtual conferencing, reasonable arrangements are made to accommodate the public's right to attend at a physical site and participate as provided in section 84-1412, including reasonable seating, in at least one designated site in a building open to the public and identified in the notice, with: At least one member of the entity holding such meeting, or his or her designee, present at each site; a recording of the hearing by audio or visual recording devices; and a reasonable opportunity for input, such as public comment or questions, is provided to at least the same extent as

would be provided if virtual conferencing was not used;

(iii) At least one copy of all documents being considered at the meeting is available at any physical site open to the public where individuals may attend the virtual conference. The public body shall also provide links to an electronic copy of the agenda, all documents being considered at the meeting, and the current version of the Open Meetings Act; and

(iv) Except as otherwise provided in this subdivision or subsection (4) of section 79-2204, no more than one-half of the meetings of the state entities, advisory committees, boards, councils, organizations, or governing bodies are held by virtual conferencing in a calendar year. In the case of an organization created under the Interlocal Cooperation Act that sells electricity or natural gas at wholesale on a multistate basis or an organization created under the Municipal Cooperative Financing Act, the organization may hold more than one-half of its meetings by virtual conferencing if such organization holds at least one meeting each calendar year that is not by virtual conferencing. The governing body of a risk management pool that meets at least quarterly and the advisory committees of the governing body may each hold more than one-half of its meetings by virtual conferencing if the governing body's quarterly meetings are not held by virtual conferencing.

(3) Virtual conferencing, emails, faxes, or other electronic communication shall not be used to circumvent any of the public government purposes established in the Open Meetings Act.

(4) The secretary or other designee of each public body shall maintain a list of the news media requesting notification of meetings and shall make reasonable efforts to provide advance notification to them of the time and place of each meeting and the subjects to be discussed at that meeting.

(5) When it is necessary to hold an emergency meeting without reasonable advance public notice, the nature of the emergency shall be stated in the minutes and any formal action taken in such meeting shall pertain only to the emergency. Such emergency meetings may be held by virtual conferencing. The provisions of subsection (4) of this section shall be complied with in conducting emergency meetings. Complete minutes of such emergency meetings specifying the nature of the emergency and any formal action taken at the meeting shall be made available to the public by no later than the end of the next regular business day.

(6) A public body may allow a member of the public or any other witness to appear before the public body by means of virtual conferencing.

(7)(a) Notwithstanding subsections (2) and (5) of this section, if an emergency is declared by the Governor pursuant to the Emergency Management Act as defined in section 81-829.39, a public body the territorial jurisdiction of which is included in the emergency declaration, in whole or in part, may hold a meeting by virtual conferencing during such emergency if the public body gives reasonable advance publicized notice as described in subsection (1) of this section. The notice shall include information regarding access for the public and news media. In addition to any formal action taken pertaining to the emergency, the public body may hold such meeting for the purpose of briefing, discussion of public business, formation of tentative policy, or the taking of any action by the public body.

(b) The public body shall provide access by providing a dial-in Open Meetings Act

number or a link to the virtual conference. The public body shall also provide links to an electronic copy of the agenda, all documents being considered at the meeting, and the current version of the Open Meetings Act. Reasonable arrangements shall be made to accommodate the public's right to hear and speak at the meeting and record the meeting. Subsection (4) of this section shall be complied with in conducting such meetings.

(c) The nature of the emergency shall be stated in the minutes. Complete minutes of such meeting specifying the nature of the emergency and any formal action taken at the meeting shall be made available for inspection as provided in subsections (5) and (6) of section 84-1413.

**Neb. Rev. Stat. § 84-1412. Meetings of public body; rights of public; public body; powers and duties.**

(1) Subject to the Open Meetings Act, the public has the right to attend and the right to speak at meetings of public bodies, and all or any part of a meeting of a public body, except for closed sessions called pursuant to section 84-1410, may be videotaped, televised, photographed, broadcast, or recorded by any person in attendance by means of a tape recorder, a camera, video equipment, or any other means of pictorial or sonic reproduction or in writing.

(2) It shall not be a violation of subsection (1) of this section for any public body to make and enforce reasonable rules and regulations regarding the conduct of persons attending, speaking at, videotaping, televising, photographing, broadcasting, or recording its meetings, including meetings held by virtual conferencing. A body may not be required to allow citizens to speak at each meeting, but it may not forbid public participation at all meetings.

(3) No public body shall require members of the public to identify themselves as a condition for admission to the meeting nor shall such body require that the name of any member of the public be placed on the agenda prior to such meeting in order to speak about items on the agenda. The body shall require any member of the public desiring to address the body to identify himself or herself, including an address and the name of any organization represented by such person unless the address requirement is waived to protect the security of the individual.

(4) No public body shall, for the purpose of circumventing the Open Meetings Act, hold a meeting in a place known by the body to be too small to accommodate the anticipated audience.

(5) No public body shall be deemed in violation of this section if it holds its meeting in its traditional meeting place which is located in this state.

(6) No public body shall be deemed in violation of this section if it holds a meeting outside of this state if, but only if:

(a) A member entity of the public body is located outside of this state and the meeting is in that member's jurisdiction;

(b) All out-of-state locations identified in the notice are located within public buildings used by members of the entity or at a place which will accommodate the anticipated audience;

(c) Reasonable arrangements are made to accommodate the public's right to attend, hear, and speak at the meeting, including making virtual conferencing available at an in-state location to members, the public, or the press, if requested twenty-four hours in advance;

(d) No more than twenty-five percent of the public body's meetings in a calendar year are held out-of-state;

(e) Out-of-state meetings are not used to circumvent any of the public government purposes established in the Open Meetings Act; and

(f) The public body publishes notice of the out-of-state meeting at least twenty-one days before the date of the meeting in a legal newspaper of statewide circulation.

(7) Each public body shall, upon request, make a reasonable effort to accommodate the public's right to hear the discussion and testimony presented at a meeting.

(8) Public bodies shall make available at the meeting or the in-state location for virtual conferencing as required by subdivision (6)(c) of this section, for examination and copying by members of the public, at least one copy of all reproducible written material to be discussed at an open meeting, either in paper or electronic form. Public bodies shall make available at least one current copy of the Open Meetings Act posted in the meeting room at a location accessible to members of the public. At the beginning of the meeting, the public shall be informed about the location of the posted information.

**Neb. Rev. Stat. § 84-1413. Meetings; minutes; roll call vote; secret ballot; when.**

(1) Each public body shall keep minutes of all meetings showing the time, place, members present and absent, and the substance of all matters discussed.

(2) Any action taken on any question or motion duly moved and seconded shall be by roll call vote of the public body in open session, and the record shall state how each member voted or if the member was absent or not voting. The requirements of a roll call or viva voce vote shall be satisfied by a public body which utilizes an electronic voting device which allows the yeas and nays of each member of such public body to be readily seen by the public.

(3) The vote to elect leadership within a public body may be taken by secret ballot, but the total number of votes for each candidate shall be recorded in the minutes.

(4) The minutes of all meetings and evidence and documentation received or disclosed in open session shall be public records and open to public inspection during normal business hours.

(5) Minutes shall be written, except as provided in subsection (6) of this section, and available for inspection within ten working days or prior to the next convened meeting, whichever occurs earlier, except that cities of the second class and villages may have an additional ten working days if the employee responsible for writing the minutes is absent due to a serious illness or emergency.

(6) Minutes of the meetings of the board of a school district or educational service unit may be kept as an electronic record.

(7) Beginning July 31, 2022, the governing body of a natural resources district, the city council of a city of the metropolitan class, the city council of a city of the primary class, the city council of a city of the first class, the county board of a county with a population greater than twenty-five thousand inhabitants, and the school board of a school district shall make available on such entity's public web site the agenda and minutes of any meeting of the governing body. The agenda shall be placed on the web site at least twenty-four hours before the meeting of

the governing body. Minutes shall be placed on the web site at such time as the minutes are available for inspection as provided in subsection (5) of this section. This information shall be available on the public web site for at least six months.

**Neb. Rev. Stat. § 84-1414. Unlawful action by public body; declared void or voidable by district court; when; duty to enforce open meeting laws; citizen's suit; procedure; violations; penalties.**

(1) Any motion, resolution, rule, regulation, ordinance, or formal action of a public body made or taken in violation of the Open Meetings Act shall be declared void by the district court if the suit is commenced within one hundred twenty days of the meeting of the public body at which the alleged violation occurred. Any motion, resolution, rule, regulation, ordinance, or formal action of a public body made or taken in substantial violation of the Open Meetings Act shall be voidable by the district court if the suit is commenced more than one hundred twenty days after but within one year of the meeting of the public body in which the alleged violation occurred. A suit to void any final action shall be commenced within one year of the action.

(2) The Attorney General and the county attorney of the county in which the public body ordinarily meets shall enforce the Open Meetings Act.

(3) Any citizen of this state may commence a suit in the district court of the county in which the public body ordinarily meets or in which the plaintiff resides for the purpose of requiring compliance with or preventing violations of the Open Meetings Act, for the purpose of declaring an action of a public body void, or for the purpose of determining the applicability of the act to discussions or decisions of the public body. It shall not be a defense that the citizen attended the meeting and failed to object at such time. The court may order payment of reasonable attorney's fees and court costs to a successful plaintiff in a suit brought under this section.

(4) Any member of a public body who knowingly violates or conspires to violate or who attends or remains at a meeting knowing that the public body is in violation of any provision of the Open Meetings Act shall be guilty of a Class IV misdemeanor for a first offense and a Class III misdemeanor for a second or subsequent offense.

**Neb. Rev. Stat. § 84-1415. Open Meetings Act; requirements; waiver; validity of action.**

No motion, resolution, rule, regulation, ordinance, or formal action made, adopted, passed, or taken at a meeting as defined in section 84-1409 of a public body as defined in such section shall be invalidated because such motion, resolution, rule, regulation, ordinance, or formal action was made, adopted, passed, or taken at a meeting or meetings on or after March 17, 2020, and on or before April 30, 2021, pursuant to a Governor's Executive Order which waived certain requirements of the Open Meetings Act.

2. **PRAYER**

3. **NATIONAL ANTHEM AND PLEDGE OF ALLEGIANCE**

4. **CONSENT AGENDA - The following items are considered to be routine by the city council and will be enacted by one motion. There will be no separate discussion of these items unless a city council member or citizen so requests, in which event the item will be removed from consent status and considered in its normal sequence on the agenda.**

4.A. Minutes of March 21, 2022, City Council meeting.

A regular meeting of the mayor and city council of the City of Columbus, Nebraska, was convened in open and public session on March 21, 2022, at 7 p.m. in the Council Chambers, 1369 25 Avenue, Columbus, Nebraska.

Notice of this meeting was given in advance thereof by publication in the Columbus Telegram on February 24, 2022, with a copy of the proof of publication being on file in the office of the city clerk. Notice of this meeting was given simultaneously to the mayor and members of the city council, with a copy of the acknowledgement of receipt of notice being on file in the office of the city clerk. Availability of the agenda was communicated in the advance notice and in the notice to the mayor and city council of this meeting. All proceedings hereafter shown were taken while the convened meeting was open to the public.

1. **STATEMENT OF COMPLIANCE WITH OPEN MEETINGS ACT AND ROLL CALL:** Mayor Bulkley announced that a copy of the Open Meetings Act is posted in the meeting room. Present were Mayor James Bulkley and Council Members Beth Augustine-Schulte, Charlie Bahr, Troy Hiemer, Rich Jablonski, Dennis Kresha, John Lohr, Prent Roth, and Ron Schilling. City staff members included City Attorney Neal Valorz, City Administrator Tara Vasicek, City Clerk Janelle Kline, City Engineer Rick Bogus, Police Chief Chuck Sherer, Public Works Director Chuck Sliva, Public Property Director Doug Moore, Interim Fire Chief Kyle Lingenfelter, and Library Assistant Kelli Ochs.
2. **PRAYER:** Augustine-Schulte led in prayer.
3. **NATIONAL ANTHEM AND PLEDGE OF ALLEGIANCE:** The National Anthem was sung and the Pledge of Allegiance was recited.
4. **CONSENT AGENDA:** Vasicek stated that the following items are considered routine by the city council and will be enacted by one motion. She pointed out there will be no separate discussion of these items unless a city council member or citizen so requests, in which event the item will be removed from consent status and considered in its normal sequence on the agenda. The items on the consent agenda were approved as presented with a motion by Augustine-Schulte and a second by Hiemer. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
  - 4.A. **Minutes of March 7, 2022, City Council meeting.**
  - 4.B. **Resolution No. R22-28 approving Commercial Operator Agreement with Best Air, LLC at Columbus Municipal Airport. (Columbus Board of Airport Commissioners recommends approval.)** Resolution No. R22-28 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING A COMMERCIAL OPERATOR AGREEMENT WITH BEST AIR, LLC TO LEASE HANGAR 1412-E, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; AND TO AUTHORIZE THE MAYOR TO EXECUTE THE

SAME ON BEHALF OF THE CITY OF COLUMBUS, NEBRASKA.

- 4.C. Resolution No. R22-29 approving agreement with American Legion Hartman Post 84 for use of Pawnee Park baseball facilities.** Resolution No. R22-29 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AN AGREEMENT WITH AMERICAN LEGION HARTMAN POST 84 FOR USE OF PAWNEE PARK BASEBALL FACILITIES, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.
- 4.D. Resolution No. R22-30 approving agreement with Columbus Mariners Baseball League for use of Berne Square baseball facilities.** Resolution No. R22-30 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AN AGREEMENT WITH COLUMBUS MARINERS BASEBALL LEAGUE FOR USE OF BERNE SQUARE BASEBALL FACILITIES, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.
- 4.E. Resolution No. R22-31 approving agreement with Wilderness Park Operations Committee for use of Wilderness Park soccer facilities.** Resolution No. R22-31 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AN AGREEMENT WITH WILDERNESS PARK OPERATIONS COMMITTEE FOR USE OF WILDERNESS PARK SOCCER FIELDS, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.
- 4.F. Resolution No. R22-32 approving permanent fiber optic easement agreement with Brent A. and Carmen Melliger.** Resolution No. R22-32 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, TO ACCEPT THE DEDICATION OF FIBER OPTIC EASEMENT GRANTED TO THE USE AND BENEFIT OF THE CITY OF COLUMBUS FROM BRENT A. AND CARMEN MELLIGER, IN CONSIDERATION OF \$3000 AND OTHER VALUABLE CONSIDERATIONS, UPON, OVER AND UNDER THE FOLLOWING-DESCRIBED REAL PROPERTY TO-WIT: A 16.50' WIDE PERMANENT EASEMENT FOR FIBER OPTIC LINE LOCATED IN THE SW1/4 SE1/4 SECTION 29, T17N, R1E OF THE 6<sup>TH</sup> P.M., PLATTE COUNTY, NEBRASKA, DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER SW1/4 SE1/4, SECTION 29, T17N, R1E OF THE 6<sup>TH</sup> P.M., PLATTE COUNTY, NEBRASKA

AND ASSUMING THE WEST LINE OF SAID SW1/4 SE1/4 TO HAVE A BEARING OF N 01°34'12" W; THENCE N 01°34'12" W AND ON THE WEST LINE SAID SW1/4 SE1/4, 711.52 FEET, TO THE POINT OF BEGINNING; THENCE N01°34'12" W AND ON SAID WEST LINE, 16.50 FEET; THENCE N 88°13'11" E, 949.05 FEET; THENCE S 01°31'59" E, 8.25 FEET TO THE NORTHWEST CORNER OF A TRACT PREVIOUSLY SURVEYED BY BRUCE L. GILMORE, LS# 96; THENCE S 01°31'59" E AND ON THE WEST LINE SAID SURVEYED TRACT, 8.25 FEET; THENCE S88°13'11" W, 949.04 FEET TO THE POINT OF BEGINNING, CONTAINING 0.36 ACRES MORE OR LESS, AND TO AUTHORIZE THE MAYOR TO ACCEPT THE EASEMENT PURSUANT TO THE ATTACHED EASEMENT AGREEMENT; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

**4.G. Resolution No. R22-33 authorizing payment of various improvement projects.** Resolution No. R22-33 is entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, TO AUTHORIZE AND DIRECT THAT A CHECK BE ISSUED AND MADE PAYABLE TO THE RESPECTIVE CONTRACTOR(S) FOR LABOR, EQUIPMENT, AND MATERIALS FURNISHED FOR IMPROVEMENTS IN THE FOLLOWING DESIGNATED DISTRICTS AND PROJECTS WITHIN THE CITY OF COLUMBUS, ALL AS SET FORTH ON THE ATTACHED CERTIFICATES OF BOYD JONES CONSTRUCTION CO., \$817,021.88.

**4.H. Finance Department reports.**

**4.I. Payroll and bills on file.** CP=Capital Projects; E=Expenses; G=Grants; R=Refund; S=Service & Supplies; T=Training 04/01/22 Payroll \$681,564.07; 911 Custom 343.00 S; A to Z Messaging 125.00 S; Access Electrical 660.00 S; Ace Hardware 638.06 S; Ace Sanitation 78.00 S; Advance Auto 815.40 S; AKRS Equip 1.32 S; Amazon 1,908.72 S; Aqua-Pure 6,176.31 S; Arnold Motor 438.41 S; Behlen Tow 750.00 S; Bibliotheca 50.17 S; Black Hills Energy 7,634.84 S; Boyd Jones 817,021.88 CP; Canine Tac Ops 950.00 T; Casey's Mail Serv 5,687.63 S; Ctr Point Lrg Prt 91.08 S; CCC 71.00 T; Central Sand & Gravel 732.77 S; Century Link 994.63 S; Chrome N' Steel Truck 1,262.28 S; Civil Air Patrol Magazine 100.00 S; Club Prophet 90.00 S; CNC Repair 1,276.94 S; Columbia Elec Motors 8,630.00 S; Col Chamber 4,150.00 S; CCH 2,618.87 S; Col Credit Serv 296.76 S; Col Custom Embr 282.00 S; Col Family Res Ctr 9,967.12 S; Col Plbg 32.00 S; Telegram 3,191.94 S; Col Tire 20.00 S; Consltd Mgmt 161.12 T; Cornhusker Pwr 834.38 S; Culligan 139.50 S; Curry Bros Motorsports 230.41 S; Diamond Vogel 22,460.20 S; Dohmen Garage Door 517.70 S; D Dunbar 11,513.46 E,S; Eakes 357.69 S; B Eckhardt 209.85 E; E Feld Equip 160.00 S; Edison Lighting 268.28 S; Educational Serv Unit 162.13 S; Electrical Eng & Equip 345.13 S; Electronic Sys 288.00 S; Envisionware 907.25 S; Fastenal 440.38 S; First Natl Bank 11,437.82 E; Frontier 1,878.87 S; Fun Express 391.93 S; Gale 713.15 S; Galls 989.78 S; Gehring Const 750.00 S; Steffy Ford 107.29 S; Gerhold Concrete 250.59 S; GolfNow 180.26 S; GR8 Ads 159.00 S; Great Plains Bldg 2,021.99 S; Great

Plains Comm 239.95 S; D Gubbels 146.50 S; Gunslingers 745.00 S; Hadley-Braithwait 105.90 S; Hawkins 4,644.56 S; HDR 29,054.76 CP; Heartland Nat Gas 17,354.91 S; Hobby Lobby 136.08 S; M Howerter 616.00 S; Hy-Vee 118.03 S; Ingram Libry 1,994.01 S; Intl Code Council 139.00 T; Island Sup 125.80 S; Jack's Uniforms 176.89 S; Jackson Serv 1,886.53 S; Kelly Sup 301.00 S; J Kline 91.84 E; Koch Excav 175.65 S; Language Line 35.05 S; LARM 356.75 S; Lawson Products 145.73 S; Lincoln Winwater Works 1,081.20 S; Lingo 51.67 S; Logan Contractors 9,108.24 S; J Lohr 101.92 E; Loup Pwr 80,444.16 S; Lucity/Tritech 86,876.33 CP; MacQueen Equip 1,048.84 S; MAS Modern Mktg 360.72 S; Matheson-Linweld 304.10 S; Medline Ind 292.30 S; Mellen & Assoc 5,721.65 S; B & C Melliger 3,000.00 CP; Menards 1,957.67 S; Mid-Am Research 1,000.50 S; Midstates Data Transport 114,047.22 CP; MW Lab 711.75 S; MW Tape 3,000.00 S; Mike's Tow 625.00 S; MTM Recog 594.24 S; Mueller Sprinklers 242.59 S; NDEE 160.00 S; NE Harvestore 1,428.35 S; NE Law Enf 75.00 T; NE Munic Fire Chiefs 501.00 S; NSVFA 20.00 S; NENEDD 45,327.26 G; NE NE Solid Waste Coal 45,025.53 S; Occup Hlth 872.00 S; OCLC 893.31 S; Olson's Pest Tech 829.00 S; One Call Concepts 339.40 S; One Source 327.00 S; O'Reilly 100.57 S; Pace Analytical 914.00 S; Paper Tiger Shred 536.39 S; Park Plaza 5,492.53 G; P Lien 6,231.13 S; Petty Cash 36.70 E; Platte Co 3,140.59 S; Reg of Deeds 34.00 S; Pollard Water 3,315.00 S; Productivity Plus 377.57 S; QMC 2,713.26 S; Quill 29.84 S; Reardon 233.98 S; Rembolt Ludtke 262.50 S; RVW 5,165.27 CP; Salon.cek 5,650.00 G; Sapp Bros 29,109.42 S; Saylor Screenprtg 147.00 T; Schieffer Signs 170.00 S; R Schilling 116.69 E; T Schreiber 100.00 S; Security Equip 3,463.50 S; Settje Plbg 80.00 S; Shevlin Sup 184.38 S; Sipple Hansen Emerson Schumacher Klutman & Valorz 3,858.30 S; D Smith 38.07 R; Stanley Petro 3,207.00 S; Dept of Rev 100.00 S; Super 8 270.00 T; Super Saver 59.87 S; Telecomm Sys 1,554.00 S; Tire Outlet 1,095.00 S; Titan Mach 2,071.22 S; TK Elevator 221.02 S; TM Clean 200.00 S; Tractor Sup 307.19 S; Travelers 381.50 S; Twin Rivers Vet 616.00 S; Ty's Outdoor Pwr 104.78 S; UNO 393.00 T; Verizon 4,994.10 S; R Vetick 36.03 R; Vol Fire 110.00 E; J Wacha 135.23 E; Wilson & Co 74,350.42 CP. TOTAL \$2,243,191.30.

5. **APPROVAL OF MINUTES:** Included in Consent Agenda

6. **SPECIAL PRESENTATIONS:**

6.A. **Proclamation declaring March 2022 as Problem Gambling Awareness Month.** Bulkley proclaimed March 2022 as Problem Gambling Awareness Month. A. J. Baker, Government Relations for Caesars Entertainment, thanked the mayor for the proclamation and noted that Caesars is committed to its employees, communities where they operate, and customers. He said they recognize the potential for customers to develop a gambling problem and they dedicate funding to educate customers on where to seek help if needed. Jablonski questioned the annual amount that Caesars contributes to this program and Baker explained that the amount is different for each state and he will contact the department that handles this funding and report back to the

council.

**7. PUBLIC HEARINGS:**

**7.A. Public hearing - Application of Granville Custom Homes, Inc. and Paul and Bonita Ramaekers to rezone property located south of 68 Street and 56 Avenue Place from "RR" (Rural Residential District) to "R-1" (Single-Family Residential District) and amend the Future Land Use Map of the Comprehensive Plan. (Planning Commission recommends approval.)**

Steven Ramaekers, on behalf of the applicants, pointed out that he forgot to bring the affidavit of notice of compliance to the meeting, confirmed that he met all the notification requirements, and asked if the ordinance could be approved contingent upon him getting the document to the city clerk first thing in the morning. No public testimony was heard. The public hearing closed with a motion by Augustine-Schulte and a second by Schilling. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

**7.A.1. Ordinance No. 22-04 approving rezoning.** The rules were suspended and Ordinance No. 22-04 entitled: AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, TO AMEND THE UNIFIED LAND DEVELOPMENT ORDINANCE FOR THE CITY OF COLUMBUS, ZONING CHAPTER, UNDER ORDINANCE NO 20-32 AS AMENDED, DATED JANUARY 18, 2021, TO REZONE AND RECLASSIFY THE FOLLOWING DESCRIBED REAL ESTATE, TO WIT: A TRACT OF LAND LOCATED IN THE EAST 1/2 OF THE NORTHWEST 1/4 OF SECTION 2, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF SECTION 2, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA; THENCE S 90°00'00" W ON THE NORTH LINE OF SAID NORTHWEST 1/4, 680.00 FEET TO THE POINT OF BEGINNING; THENCE S 90°00'00" W ON SAID NORTH LINE, 564.00 FEET; THENCE S 00°00'00" W AND PERPENDICULAR TO SAID NORTH LINE, 1817.53 FEET; THENCE N 89°51'02" E AND PARALLEL TO THE SOUTH LINE OF SAID NORTHWEST 1/4, 1243.96 FEET TO A POINT ON THE EAST LINE OF SAID SOUTHWEST 1/4; THENCE N 00°00'01" W ON SAID EAST LINE, 39.69 FEET TO THE SOUTHEAST CORNER OF WEST ELKS SUBDIVISION, PLATTE COUNTY, NEBRASKA; THENCE S 90°00'00" W ON THE SOUTH LINE OF SAID WEST ELKS SUBDIVISION, 566.27 FEET TO THE SOUTHWEST CORNER OF SAID WEST ELKS SUBDIVISION; THENCE N 00°00'00" E ON THE WEST LINE OF SAID WEST ELKS SUBDIVISION AND PERPENDICULAR TO SAID NORTH LINE, 1543.53 FEET TO A POINT OF CURVATURE ON THE SOUTH RIGHT-OF-WAY LINE OF 56TH AVENUE PLACE; THENCE SOUTHWESTERLY ON A 360.00 FOOT RADIUS CURVE TO THE LEFT ON SAID RIGHT-OF-WAY LINE, 45.94 FEET OF WHICH SAID CURVE HAS A CHORD BEARING OF S 86°20'40" W, 45.91 FEET TO A POINT OF TANGENCY ON SAID RIGHT-OF-WAY LINE; THENCE S 90°00'00" W ON SAID RIGHT-OF-WAY LINE, 67.91

FEET; THENCE N 00°00'00" W, 235.00 FEET TO THE POINT OF BEGINNING, CONTAINING 28.16 ACRES, MORE OR LESS, FROM "R-R" (RURAL RESIDENTIAL DISTRICT) TO "R-1" (SINGLE-FAMILY RESIDENTIAL DISTRICT); TO AMEND THE FUTURE LAND USE MAP AS WELL AS THE ZONING MAP WHICH HAVE BEEN ADOPTED BY AND MADE A PART OF SAID UNIFIED LAND DEVELOPMENT ORDINANCE FOR THE CITY OF COLUMBUS, ZONING CHAPTER, TO SHOW SAID REZONING AND RECLASSIFICATION; TO REPEAL ALL ORDINANCES AND RESOLUTIONS OR PARTS THEREOF IN CONFLICT HEREWITH; TO PROVIDE FOR THE EFFECTIVE DATE; AND TO PROVIDE THAT PUBLICATION SHALL BE IN PAMPHLET FORM AS AUTHORIZED BY §16-405 OF NEBRASKA REVISED STATUTES was read by number only with a motion by Jablonski and a second by Augustine-Schulte. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay". Ordinance No. 22-04 was adopted contingent upon the affidavit of notice of compliance being submitted. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

- 7.B. Public hearing – Application of Convergence, LLC for final plat and development agreement of Wishbones Addition (northeast of intersection of Highway 81 and 63 Avenue). (Planning Commission recommends approval.)** No public testimony was heard. The public hearing closed with a motion by Bahr and a second by Lohr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
- 7.B.1. Public hearing – Determine whether Wishbones Addition should be included within corporate city limits. (Planning Commission recommends approval.)** No public testimony was heard. The public hearing closed with a motion by Hiemer and a second by Schilling. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
- 7.B.2. Resolution No. R22-34 approving final plat, development agreement, and bringing said addition into corporate city limits.** Resolution No. R22-34 entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, ACCEPTING THE DEED OF DEDICATION TO THE PARCEL OF LAND LEGALLY DESCRIBED AS: A TRACT OF LAND LOCATED IN THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 11 AND THE NORTHWEST 1/4 OF SECTION 14, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 11, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA; THENCE N 88°16'56" E ON THE NORTH LINE OF SAID SOUTH 1/2, 2686.91 FEET TO THE NORTHEAST CORNER OF SAID SOUTH 1/2; THENCE S 02°12'00" E ON THE EAST LINE

OF SAID SOUTH 1/2, 1319.48 FEET TO THE NORTHEAST CORNER OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 14, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY; THENCE S 01°58'03" E ON THE EAST LINE OF SAID NORTH 1/2, 1323.86 FEET TO THE SOUTHEAST CORNER OF SAID NORTH 1/2; THENCE S 01°58'10" E ON THE EAST LINE OF THE SOUTH 1/2 OF SAID NORTHWEST 1/4, 870.43 FEET TO A POINT ON THE NORTHEASTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY #81; THENCE N 51°05'52" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 1410.68 FEET; THENCE N 53°33'46" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 1076.94 FEET; THENCE N 53°07'56" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 893.35 FEET; THENCE N 03°33'13" W, 57.47 FEET TO A POINT ON THE NORTH LINE OF THE NORTH 1/2 OF SAID NORTHWEST 1/4; THENCE N 88°23'10" E ON SAID NORTH LINE, 502.67 FEET; THENCE N 02°10'36" W, 551.36 FEET; THENCE S 87°47'43" W, 503.36 FEET; THENCE S 02°15'06" E, 413.60 FEET TO A POINT ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE; THENCE N 66°02'54" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 86.96 FEET TO A POINT ON THE WEST LINE OF THE SOUTH 1/2 OF SAID SOUTHWEST 1/4; THENCE N 02°14'06" W ON THE WEST LINE OF SAID SOUTH 1/2, 1145.18 FEET TO THE POINT OF BEGINNING, CONTAINING 140.83 ACRES, MORE OR LESS, HEREINAFTER TO BE KNOWN AS "WISHBONES ADDITION TO THE CITY OF COLUMBUS, PLATTE COUNTY, NEBRASKA"; APPROVING THE PLAT THEREOF, APPROVING THE DEVELOPMENT AGREEMENT BETWEEN CONVERGENCE, L.L.C., AND THE CITY OF COLUMBUS, SETTING FORTH THE DUTIES AND RESPONSIBILITIES OF OWNER/SUBDIVIDER CONCERNING SAID ADDITION, INCLUDING PROVIDING FOR THE PUBLIC IMPROVEMENTS NECESSARY TO SERVE THE PROPERTY; AND APPROVING INCLUSION OF SAID PLAT INTO THE CORPORATE LIMITS OF COLUMBUS, PLATTE COUNTY, NEBRASKA was adopted with a motion by Schilling and a second by Hiemer. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

- 7.C. Public hearing - Application of Convergence, LLC to rezone property located northeast of the intersection of Highway 81 and 63 Avenue from "RR" (Rural Residential District) to "B-2" (General Commercial District) and amend the Future Land Use Map of the Comprehensive Plan. (Planning Commission recommends approval.)** No public testimony was heard. The public hearing closed with a motion by Bahr and a second by Schilling. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
- 7.C.1. Ordinance No. 22-05 approving rezoning.** The rules were suspended and Ordinance No. 22-05 entitled: AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA TO AMEND THE UNIFIED LAND DEVELOPMENT ORDINANCE FOR THE CITY OF

COLUMBUS, ZONING CHAPTER, UNDER ORDINANCE NO. 20-32, AS AMENDED, DATED JANUARY 18, 2021; TO REZONE AND RECLASSIFY THE FOLLOWING DESCRIBED REAL ESTATE, TO-WIT: A TRACT OF LAND LOCATED IN THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 11 AND THE NORTHWEST 1/4 OF SECTION 14, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 11, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY, NEBRASKA; THENCE N 88°16'56" E ON THE NORTH LINE OF SAID SOUTH 1/2, 2686.91 FEET TO THE NORTHEAST CORNER OF SAID SOUTH 1/2; THENCE S 02°12'00" E ON THE EAST LINE OF SAID SOUTH 1/2, 1319.48 FEET TO THE NORTHEAST CORNER OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 14, T17N, R1W OF THE 6TH P.M., PLATTE COUNTY; THENCE S 01°58'03" E ON THE EAST LINE OF SAID NORTH 1/2, 1323.86 FEET TO THE SOUTHEAST CORNER OF SAID NORTH 1/2; THENCE S 01°58'10" E ON THE EAST LINE OF THE SOUTH 1/2 OF SAID NORTHWEST 1/4, 870.43 FEET TO A POINT ON THE NORTHEASTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY #81; THENCE N 51°05'52" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 1410.68 FEET; THENCE N 53°33'46" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 1076.94 FEET; THENCE N 53°07'56" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 893.35 FEET; THENCE N 03°33'13" W, 57.47 FEET TO A POINT ON THE NORTH LINE OF THE NORTH 1/2 OF SAID NORTHWEST 1/4; THENCE N 88°23'10" E ON SAID NORTH LINE, 502.67 FEET; THENCE N 02°10'36" W, 551.36 FEET; THENCE S 87°47'43" W, 503.36 FEET; THENCE S 02°15'06" E, 413.60 FEET TO A POINT ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE; THENCE N 66°02'54" W ON SAID NORTHEASTERLY RIGHT-OF-WAY LINE, 86.96 FEET TO A POINT ON THE WEST LINE OF THE SOUTH 1/2 OF SAID SOUTHWEST 1/4; THENCE N 02°14'06" W ON THE WEST LINE OF SAID SOUTH 1/2, 1145.18 FEET TO THE POINT OF BEGINNING, CONTAINING 140.83 ACRES, MORE OR LESS FROM "RR" (RURAL RESIDENTIAL DISTRICT) TO "B-2" (GENERAL COMMERCIAL DISTRICT), TO AMEND THE ZONING MAP AS WELL AS THE FUTURE LAND USE MAP WHICH HAVE BEEN ADOPTED BY AND MADE A PART OF SAID UNIFIED LAND DEVELOPMENT ORDINANCE FOR THE CITY OF COLUMBUS, ZONING CHAPTER, TO SHOW SAID REZONING AND RECLASSIFICATION; TO REPEAL ALL ORDINANCES AND RESOLUTIONS OR PARTS THEREOF IN CONFLICT HEREWITH; TO PROVIDE FOR THE EFFECTIVE DATE; AND TO PROVIDE THAT PUBLICATION SHALL BE IN PAMPHLET FORM AS AUTHORIZED BY §16-405 OF NEBRASKA REVISED STATUTES was read by number only with a motion by Lohr and a second by Kresha. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay". Ordinance No. 22-05 was adopted with a motion by Lohr and a second by Roth. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

8. **PETITIONS AND COMMUNICATIONS:** None
9. **REPORTS OF CITY OFFICES:** Included in Consent Agenda
10. **REPORTS OF COUNCIL COMMITTEES:** None
11. **REPORTS OF SPECIAL COMMITTEES:** None
12. **REPORTS ON LEGISLATION:** None
13. **NEW BUSINESS:**
  - 13.A. **Appointment of Harley Eickmeier as firefighter/EMT/hazmat technician.** Augustine-Schulte read a brief resume and the mayor's appointment of Harley Eickmeier as a firefighter/EMT/hazmat technician was ratified with a motion by Jablonski and a second by Hiemer. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
  - 13.B. **Appointment of Broderick Hoeft as firefighter/EMT/hazmat technician.** Augustine-Schulte read a brief resume and the mayor's appointment of Broderick Hoeft as a firefighter/EMT/hazmat technician was ratified with a motion by Roth and a second by Jablonski. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
  - 13.C. **Appointment of Patrick Siemek as firefighter/EMT/hazmat technician.** Augustine-Schulte read a brief resume and the mayor's appointment of Patrick Siemek as firefighter/EMT/hazmat technician was ratified with a motion by Kresha and a second by Bahr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

Eickmeier, Hoeft, and Siemek thanked the mayor and council for the opportunity and said they look forward to serving Columbus. Lingenfelter praised the appointments and noted all the education, training, and certification these individuals have.
  - 13.D. **Application of Ferguson Properties, Inc. for preliminary plat of Centennial Park 8th Addition (west of 3 Avenue and 2 Street). (Planning Commission recommends approval.)** The preliminary plat of Centennial Park 8th Addition was approved with a motion by Augustine-Schulte and a second by Kresha. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".
  - 13.E. **Application of Ferguson Properties, Inc. for preliminary plat of Park Place 10th Addition (west of 48 Avenue and 43 Street). (Planning Commission recommends approval.)** It was noted that the location of this property is actually east of 48 Avenue and not west as stated. The preliminary plat of Park Place 10th Addition was approved with a motion by Augustine-Schulte and a second by Schilling. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

- 13.F. Application of Granville Custom Homes, LLC for preliminary plat of West Elks 2nd Subdivision (south of 68 Street and 56 Avenue Place) and request for waiver of subdivision regulations for length of cul-de-sac. (Planning Commission recommends approval.)** The preliminary plat of West Elks 2nd Subdivision and request for waiver of subdivision regulations were approved with a motion by Augustine-Schulte and a second by Kresha. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.G. Application of Friedhof Room at Schwesers for Special Designated License in an outdoor area on 27 Avenue from 13 Street to the alley between 12 Street and 13 Street from 1 p.m. to 1 a.m., April 30, 2022, with an alternate date of September 24, 2022, for a street festival.** The application of Friedhof Room at Schwesers for a special designated liquor license on April 30, 2022, with an alternate date of September 24, 2022, was approved with a motion by Jablonski and a second by Bahr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.H. Review of county industrial tracts.** Vasicek explained that municipalities can request counties to review industrial tract designations every two years to determine whether the areas meet the definition of industry as defined by state statute and noted that she is recommending Platte County review eight of the fourteen industrial tracts in Columbus. She pointed out that businesses in industrial tracts do not pay city sales or property taxes; however, there is a fee for fire service and a significantly higher rate for water service. City staff was authorized to request Platte County to review industrial tract designations as presented with a motion by Augustine-Schulte and a second by Bahr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.I. Plans, specifications, estimate of cost in the amount of \$150,000, and authorization to advertise for bids for Sanitary Sewer Rehabilitation 2022. (Plans and specifications on file in engineering department.)** The plans, specifications, estimate of cost, and authorization to advertise for bids for Sanitary Sewer Rehabilitation 2022 were approved with a motion by Augustine-Schulte and a second by Schilling. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.J. Plans, specifications, estimate of cost in the amount of \$278,000 for base bid and combined additional amount of \$260,000 for four additional facilities, and authorization to advertise for bids for Fiber Optic South Ring and Community Building Relocation Project. (Plans and specifications on file in engineering department.)** The plans, specifications, estimate of cost, and authorization to advertise for bids for Fiber Optic South Ring and Community Building Relocation Project were approved with a motion by Schilling and a second by Hiemer. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.

- 13.K. Plans, specifications, estimate of cost in the amount of \$80,000, and authorization to advertise for bids for Armor Coat Surfacing Improvements 2022. (Plans and specifications on file in engineering department.)** The plans, specifications, estimate of cost, and authorization to advertise for bids for Armor Coat Surfacing Improvements 2022 were approved with a motion by Bahr and a second by Lohr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.L. Plans, specifications, estimate of cost in the amount of \$179,700, and authorization to advertise for bids for Quail Run Golf Course Lake Rehabilitation 2022. (Plans and specifications on file in engineering department.)** It was noted that 75 percent of this project will be funded by FEMA. The plans, specifications, estimate of cost, and authorization to advertise for bids for Quail Run Golf Course Lake Rehabilitation 2022 were approved with a motion by Schilling and a second by Jablonski. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.M. Quote from Midstates Data Transport, LLC dba Stealth Broadband in the amount of \$114,047.22 for fiber optic ducts for South Fiber Optic Project.** The quote from Stealth Broadband for fiber optic ducts was accepted with a motion by Roth and a second by Kresha. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.N. Authorization to advertise city land for sale located east of 35 Avenue north of 25 Street.** The authorization to advertise city land for sale was approved with a motion by Bahr and a second by Lohr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted “Aye” and none voted “Nay”.
- 13.O. Comments from mayor and city council members.** Bulkley referred to a question brought up during the presentation of the proclamation declaring March 2022 as Problem Gambling Awareness Month regarding the amount of funding that Caesars Entertainment contributes to problem gambling and noted he received a message during this meeting that states they dedicate 2.5 percent of gross revenues.
- 14. RESOLUTIONS:**
- 14.A. Resolution No. R22-35 approving agreement with Sand Creek Construction Company in the amount of \$19,800 for design phase services for Pawnee Plunge family slide.** Resolution No. R22-35 entitled: A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AGREEMENT WITH SAND CREEK CONSTRUCTION COMPANY IN THE AMOUNT OF \$19,800 FOR ENGINEERING DESIGN PHASE SERVICES FOR THE PAWNEE PLUNGE WATERPARK FAMILY SLIDE, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN; TO AUTHORIZE THE MAYOR TO

EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH was adopted with a motion by Hiemer and a second by Bahr. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

**15. ORDINANCES ON FIRST READING:**

**15.A. Ordinance No. 22-06 amending pay plan by adding Chief Building Inspector to Grade C3, Project Engineer to Grade C4, and Volunteer Fire Captains for Fire and EMS to Other Positions and removing Assistant Fire Chief and Fire Training & Safety Officer from Other Positions.** The rules were suspended and Ordinance No. 22-06 entitled: AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, AMENDING THE PAY PLAN FOR ALL CLASSIFICATIONS WITHIN THE CITY BY ADDING CHIEF BUILDING INSPECTOR TO GRADE C3, PROJECT ENGINEER TO GRADE C4, AND VOLUNTEER FIRE CAPTAINS FOR FIRE AND EMS TO OTHER POSITIONS AND REMOVING ASSISTANT FIRE CHIEF AND FIRE TRAINING & SAFETY OFFICER FROM OTHER POSITIONS was read by number only with a motion by Bahr and a second by Augustine-Schulte. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay". Ordinance No. 22-06 was adopted with a motion by Bahr and a second by Augustine-Schulte. Augustine-Schulte, Bahr, Hiemer, Jablonski, Kresha, Lohr, Roth, and Schilling voted "Aye" and none voted "Nay".

**15.B. Ordinance No. 22-07 amending Section 90.040 (E) of Chapter 90 of Title IX of Columbus City Code to allow residential properties to have no more than three dogs or four cats or a total of six pets over four months of age.** On its first reading, Ordinance No. 22-07 entitled: AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, TO AMENDING SECTION 90.040 OF CHAPTER 90 OF TITLE IX OF ORDINANCE NO. 05-47 (COLUMBUS CITY CODE) WITH REGARD TO NUMBER OF ANIMALS/PETS; REPEALING ALL ORDINANCES OR PORTIONS THEREOF IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE; AND PROVIDING FOR THE PUBLICATION OF THIS ORDINANCE IN PAMPHLET FORM was read by number only.

**16. ORDINANCES ON SECOND READING:** None

**17. ORDINANCES ON THIRD READING:** None

**18. CONSIDERATION OF PAYROLL AND BILLS ON FILE:** Included in Consent Agenda

**19. UNFINISHED BUSINESS:** None

**20. ADJOURNMENT:** The meeting adjourned at 7:46 p.m.

Presented and approved this 4 day of April, 2022.

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MAYOR

ATTEST:

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CITY CLERK

4.B. Reappointment of Chris Steinke to Civil Service Commission for five-year term.

The City of **Columbus**

RESPONSIBLE • RESPONSIVE • REPUTABLE

Administration Office (402) 562-4232

Fax (402) 563-1380

## MEMORANDUM

**DATE:** March 30, 2022  
**TO:** City Council Members  
**FROM:** James B. Bulkley, Mayor  
**SUBJECT:** Reappointment

With your permission, I wish to submit the following name to you for reappointment at the April 4, 2022, City Council meeting. Per Council Rules, the two-week waiting period is automatically waived for someone who is reappointed to the same or similar position.

**CIVIL SERVICE COMMISSION (Five-Year Term)**

Chris Steinke

  
James B. Bulkley, Mayor

4.C. Quote from Yant Equipment, Inc. in the amount of \$22,852 for replacement of fuel terminal and monitoring system at Columbus Area Transit.

The City of **Columbus**

**MEMORANDUM**

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**DATE:** March 30, 2022  
**TO:** Mayor and City Council  
**FROM:** Douglas A. Moore, Public Property Director  
**SUBJECT:** New Fuel Terminal and Monitoring system for Columbus Area Transit

**RECOMMENDATION:** Staff recommends to the City Council that the most responsible bid of \$22,852.00 from Yant Equipment Inc. of Grand Island NE to replace the fuel terminal and monitoring system at Columbus Area Transit be accepted.

**DISCUSSION:** The current system is a un-reliable fob system (difficult to get new fobs) that has been monitored by the police department for many years. Columbus Area Transit will be taking over the monitoring of the new card system. The pumps at the CAT/Park Department are used by CAT, police, parks, cemeteries along with other departments in an emergency. Yant Equipment was the only bidder to bid the complete system we requested. Stanley Petroleum has been the company we have worked with in the past but we have had difficulty with them servicing equipment in a timely manner in recent years. The Columbus Public Schools recently had a system installed by Yant Equipment and they are very happy with their system and the timely service Yant has provided.

**FISCAL IMPACT:** We have \$30,000 in the budget for this project.

**ALTERNATIVE:** None

**CONCURRENCE:** Bobby Pensick, Police Department

**SIGNATURE:**

Approved By:   
Douglas Moore, Public Property Director

Approved By:   
Tara Vasicek, City Administrator

**CITY OF COLUMBUS**

**QUOTE SHEET FOR PURCHASES**

DEPARTMENT: Columbus Area Transit

CHARGE TO ACCOUNT NUMBER: 100-102-57510-20011

DEPARTMENT HEAD APPROVAL: *Douglas A. Moore*

FINANCE DIRECTOR REVIEW: *Heather Lindsay*  
(For purchases \$5,000 to \$20,000)

CITY ADMINISTRATOR APPROVAL: \_\_\_\_\_  
(For purchases \$5,000 to 20,000)

**...Purchases between \$10,000 and \$ 40,000 need Council approval**

Date: March 30 2022 Time: \_\_\_\_\_

Vendor Name: Yant Equipment Inc

Vendor Employee Name: Sean Arent

Telephone: Area Code 1-800-65

QUOTE FOR: Gas Pump terminal and monitoring system

Quote Includes:	Item Totals
Fuel Island terminal and monitoring system	\$ 22,852.00
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
Grand Total:	\$ <u>22,852.00</u>

Quote Excludes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Delivery Date: \_\_\_\_\_ Shipped By: \_\_\_\_\_

Shipped F.O.B. (Freight Paid) Yes X No \_\_\_\_\_

Tax Excluded Yes

City Employee Obtaining Quote: Bobby Pensick/Doug Moore





## FSC3000™ Fuel Site Controller

The FSC3000™ Fuel Site Controller sets the standard in fuel-management systems. The FSC3000™ is the most comprehensive solution for your fleet-fueling or petroleum-marketing applications, featuring the capability to conveniently track and report fueling transactions by driver and/or vehicle.

The FSC3000™ Fuel Site Controller interfaces with many authorization and commercial fueling networks, as well as proprietary network cards. It allows the user to set fueling restrictions that limit specific vehicles to the type of fuel used and quantities purchased, thereby assuring complete fueling-system security, accountability and control.

The FSC3000™ also provides various methods for controlling fuel dispensers, which may feature both mechanical and electronic pumps, along with Gilbarco CRIND and Wayne CAT in-dispenser card readers.

In addition, the FSC3000™ now offers several exciting new features for special pricing and dollar authorization. Petroleum marketers can now set price discounts for loyal customers, as well as authorize transactions according to dollar limit instead of quantity.

## FSC3000™ Fuel Site Controller Features



**Secure**



**Communication**



**Easy To Connect**



**Easy Integration**



**Savings**

- ◆ Each FSC3000™ can now control up to 12 FITs or Dispenser Terminal Controls (DTC) with a maximum of 32 hoses per site
- ◆ Optional Direct Pump communication via current loop for Gilbarco, Wayne or via RS-485 for Gasboy® dispensers
- ◆ Optional ChipKey® Read/Write Mileage Reasonability designed for multiple site operations to accurately track odometer readings
- ◆ **NEW!** Optional Dispenser Terminal Control allows communication to Gilbarco CRIND® and Wayne CAT in-dispenser card readers
- ◆ Optional Tiered Discounts designed to provide support based on Gasboy-formatted cards
- ◆ Optional Tiered Accounts for credit cards and/or proprietary cards/keys to set tier pricing on a user-entered "Account" number
- ◆ **NEW!** Optional cellular modem and Ethernet bridge communication devices allow communication to remote locations in order to facilitate updates and retrieval of transaction data
- ◆ Optional 900 MHz wireless communication reduces installation cost from installing Petro-Net™ twisted-pair wires between the Fuel Island Terminal and building
- ◆ Optional Future Media price-sign support
- ◆ Optional Office Journal Printer for transaction logging and reporting

**Listings and Certifications**



NATIONAL COUNCIL OF WEIGHTS AND MEASURES

## Benefits

- ◆ PCI compliance ensures cardholder data security
- ◆ Accepts the widest selection of fueling networks and major bank cards
- ◆ Memory to support larger card files (more than 64,000 cards with optional memory card expansion)
- ◆ Embedded hardware platform for ultimate 24/7 reliability
- ◆ Uses Flash technology to remotely download software updates
- ◆ Integrated FSC3000™ can be installed inside a Fuel Island Terminal for installations where no building is available
- ◆ Interfaces with OPW Tank Gauges for polling inventory and delivery data
- ◆ Built-in Ethernet port for network connectivity
- ◆ Multiple communication methods to access the system
- ◆ Standard USB memory key for transaction backup/transfer, allowing for the option to update card files

## Memory

- ◆ Standard memory 2,000 proprietary cards and 500 transactions
- ◆ Expandable to 64,000 proprietary cards and 2,000 transactions
- ◆ The second memory card expands card support from 64,000 to 150,000 cards, depending on the options and card restrictions selected

## Networks

- ◆ The FSC3000™ interfaces with many authorization and commercial fueling networks to accept the following cards:
  - CFN, Bank Cards, TCH, Fuelman®/GASCARD, Comdata, NBS, Paymentech, Fleet One®, WEX, T-Chek™, EFS, Pacific Pride and Buypass
- ◆ Dual Network option reduces wait times by accessing two networks simultaneously
- ◆ The registered bankcard feature permits 24-hour fueling in areas where unattended fueling is generally restricted
- ◆ Optional IP Authorization Gateway, gives the FSC3000™ the capability to use a high-speed Internet connection instead of a dial-up phone line to authorize fleet and credit-card transactions with dial-up backup

## Direct Pump Control

- ◆ Support for Gasboy, Wayne and Gilbarco dispensers
- ◆ Connects directly to pump manufacturer's distribution box
- ◆ Serial to current-loop communication (Gilbarco or Wayne)
- ◆ Serial to RS-485 communication (Gasboy)

## Supported Terminals

- ◆ Compatible with OPW Fuel Island Terminals, (C/OPT™, K800™ Hybrid and FIT500™)
- ◆ Compatible with Gilbarco CRINDs or Wayne CATs

## FSC3000™ Specifications

**Dimensions [H x W x D]:** 2.25 x 10.0 x 8.25 inches (5.7 x 25.4 x 21.0 cm)

**Power Requirements:** 85-240 VAC, 50/60 Hz; 25 watts maximum

**Operating Temperature Range (indoors):** 32°F to 122°F (0°C to 50°C)

**Serial Communication Ports:** Petro-Net™ (RS-485), Printer (RS-232), Terminal (RS-232), Modem (RS-232), Pass-through (RS-232), two (2) Auxiliary Ports (RS-232), Ethernet, USB

**Maximum Petro-Net™ Distance:** 5,000 ft (1,524 m)

## Phoenix® Software

- ◆ Phoenix Plus™ – poll transactions, perform card updates, and run reports
- ◆ Phoenix Premier™ – all of the Phoenix Plus™ features, plus tank-gauge interface for reconciliation
- ◆ Phoenix SQL® – a Web-based multi-user browser interface with controlled user access. Polls transactions and tank gauges simultaneously, dramatically reducing data collection times for multiple fuel sites
- ◆ Phoenix SQL Lite™ – Offers all of the features of Phoenix SQL, but as a standalone Windows® application it is designed for single user operations

# SiteSentinel<sup>®</sup> Nano<sup>®</sup> Console

## Cost-Effective Inventory & Compliance Monitoring

The streamlined Nano<sup>®</sup> provides accurate, real-time inventory data through a user-friendly interface, making it the perfect compliance solution for double-wall tanks and lines.



### The SiteSentinel<sup>®</sup> Nano<sup>®</sup>

OPW's SiteSentinel<sup>®</sup> Nano<sup>®</sup> Console provides simplified, cost-effective inventory and compliance monitoring for retail and commercial fuel sites. With an intuitive touchscreen interface, user-friendly data display settings and sensor support, the Nano is an easy-to-use, right-sized tank-monitoring console for small and mid-size fuel sites.

### Applications

- Provides accurate, real-time inventory data and reporting for commercial and retail fuel sites
- The gauge can monitor up to 12 probes or 24 smart sensors or a combination of both
- SiteSentinel<sup>®</sup> IntelliSense™ multi-drop technology can reduce installation costs by minimizing the wiring and labor needed for quick site install
- Web-based interface facilitates remote training



#### INTUITIVE

The gauge's color touchscreen provides easy access to inventory, compliance, delivery, warnings and alarms



#### COST-EFFECTIVE

With streamlined compliance monitoring and cost-saving multi-drop technology, the Nano delivers the performance sites need at a cost-effective price point



#### USER-FRIENDLY

The Nano's user-friendly software offers a calendar view and a "Favorites" list for quick recall of the most-used filters



#### CONVENIENT

Online access enables off-site training as well as remote monitoring of leak detection, inventory and compliance information

Contact your OPW representative to learn how the SiteSentinel<sup>®</sup> Nano<sup>®</sup> can simplify your tank monitoring today!

Phone: (708) 485-4200 ♦ Fax: (708) 485-4630 ♦ 6900 Santa Fe Drive ♦ Hodgkins, Illinois USA 60525 ♦ [www.opwglobal.com](http://www.opwglobal.com)

# Petro Vend 200 Fuel Island Terminal



## New Fuel Island Terminal Is State-of-the-Art & Scalable

Part of OPW's new PV Family of Fuel Control Solutions, the PV200 offers many a la carte options that provide state-of-the-art fuel control to commercial fleets.



### Petro Vend 200 Fuel Island Terminal

OPW's new Petro Vend 200 (PV200) Terminal, in conjunction with OPW's FSC3000™ Fuel Site Controller, leverages OPW's long history of innovation in fuel management to provide advanced 24-hour fuel control to unattended commercial fleet fueling operations, big or small. As part of OPW's PV Family of Fuel Control Solutions, the new PV200 is expertly engineered to be scalable to accommodate a wide range of unattended fueling requirements.

### Applications

- ◆ As the next-generation solution in OPW's line of fuel island terminals, the PV200 seamlessly integrates with a compatible OPW fuel site controller
- ◆ The PV200 simplifies fuel management for unattended fuel sites that manage their own fuel supplies including trucking, school transport, government, military, industrial and business operations
- ◆ Engineered with scalability in mind, the PV200 is a future-proof fuel island terminal that provides fleet managers flexibility for changing needs



#### VERSATILE

Options including an integrated or external FSC3000™, dual card reader support and three pedestal heights accommodate a variety of operational needs



#### USER-FRIENDLY

Menu-driven set-up at the terminal simplifies configuration, and graphics guide users through common data entry tasks



#### DURABLE

Featuring a thermostatically controlled heater and aluminum construction, the PV200 is engineered to withstand harsh outdoor environments



#### EASY SERVICEABILITY

The PV200's components are designed to be quickly and easily removed for simplified serviceability

Contact your OPW representative to learn more about OPW's user-friendly Petro Vend 200 Terminal today!

Phone: (708) 485-4200 ◆ Fax: (708) 485-4630 ◆ 6900 Santa Fe Drive ◆ Hodgkins, Illinois USA 60525 ◆ [www.opwglobal.com](http://www.opwglobal.com)



Leading The Way in Fluid Handling Solutions Worldwide

[www.opwglobal.com](http://www.opwglobal.com)

## Petro Vend 200 Fuel Island Terminal

### Features

- ◆ Compatible with OPW's FSC3000™ Fuel Site Controller, which tracks and reports fueling transactions
- ◆ Integrated FSC3000™ Fuel Site Controller for installations where no building is available
- ◆ 7-inch color display
- ◆ Optional receipt printer
- ◆ Dual card reader operation enables users to take advantage of two of the three following card readers:
  - ◆ Optional Magnetic Stripe Card Reader
  - ◆ Optional Proximity Card Reader
  - ◆ Optional ChipKey® Reader
- ◆ Optional Wireless Petro-Net™ communication reduces installation costs
- ◆ Cardless/keyless access allows drivers to fuel using a quick keypad entry
- ◆ 3 pedestal sizes are available, including sizes that meet Americans with Disabilities Act requirements

### Benefits

- ◆ Terminal display is optimized for readability in sunlight
- ◆ LED lights illuminate keyboards, card readers and receipt printer for nighttime authorizations
- ◆ User-friendly display menus include graphics designed to guide users through setup procedures at the terminal
- ◆ Optional alpha keyboard enables users to enter additional information such as license plate numbers, etc.

- ◆ 16-key numeric keypad includes function keys that expand range of commands
- ◆ Alpha keyboard and numeric keypad feature durable metal construction to promote service longevity
- ◆ Terminal components are easily removed and replaced for simplified serviceability
- ◆ Removable cabinet door supports off-site repair of components housed on the inside of the door
- ◆ Cabinet and pedestal feature aluminum construction to prevent rusting
- ◆ Thermostatically controlled heater provides reliable operation in the harshest environments
- ◆ Pump Control Module (PCM) for mechanical pump control is easily installed in pedestal
- ◆ Direct Pump Control (DPC) for electronic pump control is easily installed in pedestal

### Technical Specifications

**Cabinet Dimensions:** 18 inch H x 14 inch W x 10 inch D (46 cm x 36 cm x 26 cm)

**Pedestal Dimensions:** 40 inch H x 14 inch W x 9 inch D (122 cm x 36 cm x 23 cm) is standard; 32-inch and 48-inch heights are optional

**Power Requirements:** 115 VAC/230 VAC (Switch Selectable), 50/60 Hz, 200 watts maximum

**Operating Temperature Range:** -40°F to 122°F (-40°C to 50°C)

**Graphics display:** 7 inch (18 cm) color display

**Pedestal and Cabinet:** Powder-coated aluminum

## The Future of Fuel Control Is Here.

The Petro Vend 200 Fuel Island Terminal anchors the **PV Pro, PV Enterprise and PV Enterprise Plus** that are part of OPW's PV Family of Fuel Control Solutions. Visit [www.opwglobal.com/PV-Family](http://www.opwglobal.com/PV-Family) to learn more.



# CITY OF COLUMBUS

## QUOTE SHEET FOR PURCHASES

DEPARTMENT: Columbus Area Transit

CHARGE TO ACCOUNT NUMBER: 100-102-57510-20011

DEPARTMENT HEAD APPROVAL: \_\_\_\_\_

FINANCE DIRECTOR REVIEW: \_\_\_\_\_  
(For purchases \$5,000 to \$20,000)

CITY ADMINISTRATOR APPROVAL: \_\_\_\_\_  
(For purchases \$5,000 to 20,000)

**...Purchases between \$10,000 and \$ 40,000 need Council approval**

Date: March 30 2022 Time: \_\_\_\_\_

Vendor Name: Midwest Petroleum Equipment

Vendor Employee Name: Sarah Ohrt

Telephone: Area Code 402-598-C 369

QUOTE FOR: Gas Pump terminal and monitoring system

Quote Includes:	Item Totals
Fuel Island terminal and monitoring system	\$ 19,728.00
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
Grand Total:	\$ <u>19,728.00</u>

Quote Excludes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Delivery Date: \_\_\_\_\_ Shipped By: \_\_\_\_\_

Shipped F.O.B. (Freight Paid) Yes  No \_\_\_\_\_

Tax Excluded Yes

City Employee Obtaining Quote: Bobby Pensick/Doug Moore





## PROPOSAL ACCEPTANCE TERMS & CONDITIONS

1. The aforesigned hereby warrants and represents to Midwest Petroleum Equipment, LLC ("MPE") MPE that he/she has the authority to enter into this Contract and that every person, firm and entity either having an interest in the real property defined herein as the Job Site and whose consent to the Job is required is aware of this Contract and all matters contemplated hereby and has consented thereto (each such person, firm or entity referred to collectively herein as "Owner").
2. **Delay.** If the job is delayed or postponed due to floods, explosions, strikes, storms, terrorism, or other acts of God through no fault of MPE, Owner shall pay, in addition to the Contract Price, any and all increases in the cost of labor and materials in excess of those in effect on the date of this contract.
3. **Liens.** Please take notice that:
  - a. Persons or companies furnishing labor or materials for the improvement of real property may enforce a lien upon the improved land if they are not paid for their contributions, even if the parties have no direct contractual relationship with the owner.
  - b. Nebraska law permits the owner to withhold from the owner's contractor as much of the contract price as may be necessary to meet the demands of all other lien claimants, pay directly the liens and deduct the cost of them from the contract price, or withhold amounts from the owner's contractor until the expiration of 120 days from the completion of improvements unless the contractor furnished to the owner waivers of claims for mechanic's liens signed by the persons who furnished any labor or material for the improvement and who provided the owner with timely notice.
4. **Indemnification.** Owner shall indemnify and hold harmless MPE or any of MPE's subcontractors from and against any and all claims, damages, losses, and expenses (including attorney's fees) arising out of or resulting from the performance of this contract and related construction project which are caused in full or in part by or arise from any negligent act(s) or omissions(s) of Owner or any agent, employee or representative of Owner.
5. **Insurance.** Owner shall purchase and maintain general liability, fire, theft, and casualty insurance, including vandalism to cover the materials, personal property and improvements and MPE operations during the job at the job site in an amount deemed adequate by MPE. Any loss or damage incurred or suffered by Owner which arises out of or relates, in any way to MPE's performance of the job, and whether covered by insurance or not, shall be the sole responsibility of Owner. MPE shall maintain liability and workers' compensation insurance in the amount required by law or deemed adequate by MPE.
6. **Underground Tanks.** Upon notification by MPE, owner shall be responsible for filling all underground storage tanks with product or, if product is unavailable, water immediately upon MPE placement of tanks into excavations. Owner shall be responsible for any and all damages and losses that may occur due to floating or unstable tanks if the tanks are not filled as requested.
7. **Additional Work or Work Stoppage.** If any governmental body agency requires any other work completed in addition to the contracted job, owner must pay the cost of such other work in an amount equal to the costs incurred by MPE plus overhead. If a stop work order is issued, MPE may remove its equipment from the Job Site. Additional charges will be added to the contract if the Job is recommenced.
8. **Contaminated Soils, or Environmental Clean-up.** Any costs generated during underground excavation for environmental clean-up, site assessments, consulting fees, disposal of contaminated soil, etc., are the sole responsibility of the Owner, unless specifically stated otherwise in our proposal.
9. **Underground Hazards.** Any underground obstructions encountered, such as bed rock, water frost, foundations, non-locatable underground utility lines or excessive caving requiring shoring is not covered, unless specifically agreed to in our proposal.
10. **Partial Completion.** If the job is terminated or postponed for reasons including but not limited to the above and which are not attributable solely to MPE, the owner shall pay to MPE that portion of the Contract Price representing the percentage of the Job completed upon termination or postponement.
11. **Terms of Payment.** Net thirty (30) days unless otherwise stated on Contract. By signing this Contract, Owner agrees to pay on demand all costs and expenses including legal and out-of-pocket expenses incurred in connection with the collection of amounts due under this contract. Interest will be added to unpaid balance at the rate of 1.5% per month (18% per year)
12. **Incorporation.** The terms and conditions set forth above are deemed fully incorporated into the Proposal as though fully set forth therein. By signing the Proposal, the aforesigned acknowledges and represents that the Owner has completely read each term and provision herein and agrees to the same.



**CORPORATE OFFICE**  
2255 South 7th Street  
Lincoln, NE 68502

**BRANCH OFFICES**  
4356 South 90th Street  
Omaha, NE 68127

3220 Detco Circle  
North Platte, NE 69101



# Islander PRIME

## FREQUENTLY ASKED QUESTIONS

### WHAT ARE THE DIFFERENCES BETWEEN ISLANDER PLUS AND ISLANDER PRIME

Islander PRIME replaces Islander PLUS as the next generation Gasboy site controller. Islander PRIME has new features not offered with Islander PLUS. The table below compares features of the Islander PLUS and Islander PRIME.

### WHAT METHODS OF ACCESS CONTROL ARE AVAILABLE?

Islander PRIME has several options for access control:

- Keypad or Mifare (standard model)
- Mag stripe cards (optional)
- HID (optional)
- Bar Code (optional)

### WHAT BARCODE TYPES CAN BE READ?

Barcode types include 1D UPC barcodes, Postal Codes, 2D barcodes including QR codes.

### WHAT TYPES OF PEDESTALS ARE AVAILABLE?

There are 4 pedestal options available for Islander PRIME:

- Standard with dimensions of 11.5" (29.2cm) x 11.8" (30 cm) x 62.2" (158 cm) tall
- ADA: 11.5" (29.2cm) x 11.8" (30 cm) x 50" (128 cm) tall
- Stainless: Same dimensions as the standard and painted to match the head.
- Stainless ADA: same dimensions as the ADA and painted to match the head

	Islander PRIME	Islander PLUS
<b>Display</b>	High Brightness 4.3" Color LCD	Text only display
<b>Keypad</b>	40 key full alpha numeric keypad	16 key numeric / alpha keypad
<b>Card Reader</b>	Optional Insert card reader	Standard swipe card reader
<b>HID Reader</b>	Two models: standard and Indala	Two models: standard and Indala
<b>Barcode Scanner</b>	2D Integrated Barcode Scanner	1D Barcode Scanner
<b>Printer</b>	Compact, self-contained outdoor printer	Compact, self-contained outdoor printer
<b>Pedestal</b>	Available as standard painted, and optional stainless steel, ADA, and ADA stainless steel.	Painted steel
<b>Mechanical Pump Control</b>	2, 4, 6, 8 hose configurations available	2, 4, 8 hose configurations available.
<b>Electronic Pump Control</b>	Controls up to 64 hoses	Controls up to 64 hoses
<b>Wireless Gateway</b>	Built-In wireless gateway option	Wireless gateway hardware is required.

### WITH WHAT TYPES OF DISPENSERS CAN I INTERFACE, AND WHAT IS THE INTERFACE REQUIREMENT FOR EACH?

Islander PRIME is capable of interfacing with most commercial and retail fuel dispensers. See table to the right.

### WHAT IS THE DIFFERENCE BETWEEN THE ISLANDER PRIME AND THE ICR PRIME?

Both the Gasboy Islander PRIME and ICR PRIME offer pump access. Both look similar externally. However, the Islander PRIME contains an internal controller that the ICR does not. The ICR needs either a Gasboy CFN PLUS or an Islander PRIME at the same site for site control.

Interface	Dispenser Type
<b>Current Loop (2 wire)</b>	Gilbarco Electronic (Encore / Advantage / Legacy / Highline) Wayne Electronic Gasboy Retail Electronic
<b>Electronics (RS485)</b>	Gasboy dispensers
<b>Tokheim interface</b>	Tokheim electronic dispensers.
<b>Mechanical interface</b>	Any mechanical dispenser manufactured by Gasboy, Gilbarco, Wayne, Bennett or any electronic dispenser using pulse output interface.

# Islander PRIME

### WHAT IS A STANDARD ICR PRIME?

A standard ICR PRIME contains no pump interface cards.

### HOW DOES THE ICR PRIME COMMUNICATE TO ISLANDER PRIME OR CFN PLUS CONTROLLER?

They communicate via Ethernet communication. A hard wired Ethernet cable up to 300 ft. can be used. A wireless Ethernet can be used for distances beyond 300 ft.

### IS ISLANDER PRIME COMPATIBLE WITH GASBOY FLEET HEAD OFFICE (FHO) AND EKOS?

Yes, Islander PRIME is compatible with both FHO and EKOS.

### CAN I CONNECT TO AUTOMATIC TANK GAUGES (VEEDER-ROOT TANK GAUGE)?

The recommended method is using the TCP/IP through the customer's network. Alternatively, an RS-232 VR Interface Card is available if the ATG is within 50 ft. of the Islander PRIME.

### HOW DOES THE ISLANDER PRIME SHIP?

The Island PRIME head ships in one box and the pedestal ships in a separate box. The head is assembled to the pedestal base in the field.

### WHAT IS THE WARRANTY WITH THE ISLANDER PRIME?

Islander PRIME and ICR PRIME are warranted against defects in material and workmanship for 12 months from the date of installation or 24 months from the date of original invoice, whichever occurs first. The warranty coverage includes parts and labor.

### WHERE CAN I FIND ADDITIONAL INFORMATION ON ISLANDER PRIME?

Additional documents can be found on at <https://www.gasboy.com/us/content/technical-documentation>:

- MDE-5411 Islander PRIME Installation Instructions
- MDE-5414A Islander PRIME Set-Up Manual
- MDE-5415A Islander PRIME User's Manual
- PT-1963 Gasboy FMS Illustrated Parts Manual

# CITY OF COLUMBUS

## QUOTE SHEET FOR PURCHASES

DEPARTMENT: Columbus Area Transit

CHARGE TO ACCOUNT NUMBER: 100-102-57510-20011

DEPARTMENT HEAD APPROVAL: \_\_\_\_\_

FINANCE DIRECTOR REVIEW: \_\_\_\_\_  
(For purchases \$5,000 to \$20,000)

CITY ADMINISTRATOR APPROVAL: \_\_\_\_\_  
(For purchases \$5,000 to 20,000)

**...Purchases between \$10,000 and \$ 40,000 need Council approval**

Date: March 30 2022 Time: \_\_\_\_\_

Vendor Name: Stanley Petroleum Maintenance Inc.

Vendor Employee Name: Jeremy Stanley

Telephone: Area Code 402-371-11452

QUOTE FOR: Gas Pump terminal and monitoring system

Quote Includes:	Item Totals
Fuel Island terminal and monitoring system	\$ 13,247.81
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
Grand Total:	\$ <u>13,247.81</u>

Quote Excludes: \_\_\_\_\_

\_\_\_\_\_

Delivery Date: \_\_\_\_\_ Shipped By: \_\_\_\_\_

Shipped F.O.B. (Freight Paid) Yes  No \_\_\_\_\_

Tax Excluded Yes

City Employee Obtaining Quote: Bobby Pensick/Doug Moore



# Proposal

Proposal Date: 3/12/2022

Proposal #10541

PO Box 563 / 908 W. Monroe Avenue  
Norfolk, Ne 68702

**Proposed To:**

City of Columbus Police Dept  
2419 14th St.  
Columbus NE 68601

Description	Est. Qty.	Rate	Total
Per our conversation we are quoting to replace your AFC Fuel Management System with a new PetroVend PV Pro Fuel Control System Per Bobby			
PV Pro Base system includes: (1) PV200 Fuel Island Terminal w/ 48" pedestal, 1 External Fuel Site Controller (FSC), 1 Prox reader to work with the sites existing HID cards, SQL Lite PC Based software and Factory Direct Startup Training, Control for up to 4 Hose Positions	1	11,147.81	11,147.81
Estimated Labor, Mileage and Travel for Removal of the Existing AFC System, Installation of the NEW PV Pro System	1	2,100.00	2,100.00

<b>Total</b>	\$13,247.81
--------------	-------------

\*\*\* This proposal is valid for 14 days from proposal date. \*\*\*

Acceptance Signature \_\_\_\_\_ Date \_\_\_\_\_

4.D. Application of American Legion Hartman Post 84 for Patricia J. Liss as manager in conjunction with liquor license.



# COLUMBUS POLICE DEPARTMENT

2330 14th Street • Columbus, Nebraska 68601 • Phone (402) 564-3201 • Fax (402) 562-7325

TO: HONORABLE MAYOR AND CITY COUNCIL  
CITY OF COLUMBUS, NEBRASKA

FROM: CHARLES L. SHERER, CHIEF OF POLICE 

DATE: MARCH 29, 2022

SUBJECT: LIQUOR LICENSE  
MANAGER CHANGE  
AMERICAN LEGION POST 84  
2263 3<sup>RD</sup> AVENUE  
COLUMBUS, NEBRASKA

MANAGER:  
PATRICIA J. LISS  
DOB: 12/04/1954  
620 VINE STREET  
SILVER CREEK, NEBRASKA 68663

It should be noted that this change of licensing is for the purpose of changing Managers at American Legion Post 84 of Columbus.

- K. The applicant can ensure that all alcoholic beverages, including beer and wine will be handled by persons in accordance with section 53-102:

The Columbus Police Department makes no recommendations.

- L. The applicant has taken every reasonable precaution to protect against the possibility of shoplifting of alcoholic liquor, which alcoholic liquor shall be displayed and kept in and sold from an area which is reasonably secured:

The Columbus Police Department makes no recommendations.

- M. The applicant is fit, willing and able to properly provide the service proposed in conformance with all provisions and requirements of the rules and regulations adopted and promulgated pursuant to the act:

The Columbus Police Department makes no recommendations.

- N. The applicant has demonstrated that the type of management and control exercised over the licensed premises will be sufficient to ensure that the licensee can conform to all the provisions and requirements of the rules and regulations adopted and promulgated pursuant to the act:

The Columbus Police Department makes no recommendations.

- O. The background information of the applicant established by information contained in the public records of the commission and investigations conducted by law enforcement agencies show that the applicant has not been involved in any criminal investigation with the Columbus Police Department.

- P. There is no evidence of discrimination on the part of the applicant:

The Columbus Police Department makes no recommendations.

- Q. There is no evidence to show that the applicant suppressed any or provided any inaccurate information to the commission or local governing body.

The Columbus Police Department makes no recommendations.

001233 ✓  
BR

**MANAGER APPLICATION  
INSERT - FORM 3c**

NEBRASKA LIQUOR CONTROL COMMISSION  
301 CENTENNIAL MALL SOUTH  
PO BOX 95046  
LINCOLN, NE 68509-5046  
PHONE: (402) 471-2571  
FAX: (402) 471-2814  
Website: www.lcc.nebraska.gov

Office Use  
  
Revd. 2/28/22

**FORM MUST BE COMPLETELY FILLED OUT IN ORDER FOR APPLICATION TO BE PROCESSED**

**MANAGER MUST:**

- ✓ • Complete all sections of the application. Be sure it is signed by a **member or corporate officer**, corporate officer or member must be an individual on file with the Liquor Control Commission
- ✓ • Fingerprints are required. See form 147 for further information, read form carefully to avoid delays in processing, this form **MUST** be included with your application.
- ✓ • Provide a copy of one of the following: US birth certificate, naturalization papers or current US passport (even if you have provided this before)
- ✓ • Be a registered voter in the State of Nebraska, include a copy of voter card or print document from Secretary of State website with application

Spouse who **will not** participate in the business, spouse must:

- ✓ • Complete the Spousal Affidavit of Non Participation Insert (must be notarized). The non-participating spouse completes the top half; the manager completes the bottom half. **Be sure to complete both halves of this form.**
- Need not answer question #1 of the application

Spouse who **will** participate in the business, the spouse must:

- ✓ • Sign the application
- ✓ • Fingerprints are required. See form 147 for further information, read form carefully to avoid delays in processing, this form **MUST** be included with your application.
- Provide a copy of one of the following: birth certificate, naturalization papers or current US passport (even if you have provided this before)
- Be a registered voter in the state of Nebraska, include a copy of voter card with application
- Spousal Affidavit of Non Participation Insert **not** required



0400

**MANAGER APPLICATION  
INSERT - FORM 3c**

NEBRASKA LIQUOR CONTROL COMMISSION  
301 CENTENNIAL MALL SOUTH  
PO BOX 95046  
LINCOLN, NE 68509-5046  
PHONE: (402) 471-2571  
FAX: (402) 471-2814  
Website: www.lcc.nebraska.gov

Office Use

*Rec'd 2/28/22*

**MUST BE:**

- ✓ Include copy of US birth certificate, naturalization paper or current US passport
- ✓ Nebraska resident. Include copy of voter registration card or print out document from Secretary of State website
- ✓ Fingerprinted. See form 147 for further information, read form carefully to avoid delays in processing, this form MUST be included with your application
- ✓ 21 years of age or older

**Corporation/LLC information**

Name of Corporation/LLC: American Legion Hartman Post 84

**Premise information**

Liquor License Number: 001233 Class Type C (if new application leave blank)

Premise Trade Name/DBA: American Legion Hartman Post 84

Premise Street Address: 2263 3rd Avenue

City: Columbus NE County: Platte Zip Code: 68601

Premise Phone Number: 402-562-8484

Premise Email address: amlegion84@gmail.com

**The individual whose name is listed as a corporate officer or managing member as reported on insert form 3a or 3b or listed with the Commission. To see authorized officers or members search your license information [here](#).**

*Paul E. Pater* *Columbus Post 84*

**SIGNATURE REQUIRED BY CORPORATE OFFICER / MANAGING MEMBER**

(Faxed signatures are acceptable)

**Manager's information must be completed below PLEASE PRINT CLEARLY**

Last Name: Liss \*spouse First Name: Patricia MI: J

Home Address: 620 Vine Street

City: Silver Creek County: Merrick Zip Code: 68663-2713

Home Phone Number: cell 402-750-3039

Driver's License Number & State: [REDACTED]

Social Security Number: [REDACTED]

Date Of Birth: [REDACTED] Place Of Birth: Omaha, NE

Email address: pjliss@msn.com

Are you married? If yes, complete spouse's information (Even if a spousal affidavit has been submitted)

YES  NO

**Spouse's information**

Spouses Last Name: Liss First Name: Jeffrey MI: J

Social Security Number: [REDACTED]

Driver's License Number & State: [REDACTED]

Date Of Birth: [REDACTED] Place Of Birth: Columbus, NE

**APPLICANT & SPOUSE MUST LIST RESIDENCE(S) FOR THE PAST TEN (10) YEARS**

**APPLICANT SPOUSE**

CITY & STATE	YEAR FROM	YEAR TO	CITY & STATE	YEAR FROM	YEAR TO
Silver Creek, NE	1973	Present	Silver Creek, NE	1957	Present

**MANAGER'S LAST TWO EMPLOYERS**

YEAR FROM TO		NAME OF EMPLOYER	NAME OF SUPERVISOR	TELEPHONE NUMBER
2017	Present	American Legion <sup>Post 84</sup>		
2012	2017	SilverCreek Housing <sup>auth</sup>	Mike Cave, Chairman	308-548-8650

**1. READ CAREFULLY. ANSWER COMPLETELY AND ACCURATELY.**

**Must be completed by both applicant and spouse, unless spouse has filed an affidavit of non-participation.**

Has anyone who is a party to this application, or their spouse, EVER been convicted of or plead guilty to any charge. Charge means any charge alleging a felony, misdemeanor, violation of a federal or state law; a violation of a local law, ordinance or resolution. List the nature of the charge, where the charge occurred and the year and month of the conviction or plea, include traffic violations. Also list any charges pending at the time of this application. If more than one party, please list charges by each individual's name. Commission must be notified of any arrests and/or convictions that may occur after the date of signing this application.

YES       NO

If yes, please explain below or attach a separate page.

Name of Applicant	Date of Conviction (mm/yyyy)	Where Convicted (City & State)	Description of Charge	Disposition

2. Have you or your spouse ever been approved or made application for a liquor license in Nebraska or any other state?

YES       NO

IF YES, list the name of the premise(s):

---

3. Do you, as a manager, qualify under Nebraska Liquor Control Act (§53-131.01) and do you intend to supervise, in person, the management of the business?

YES       NO

4. List the alcohol related training and/or experience (when and where) of the person making application.

\*NLCC Training Certificate Issued: 2-26-22 Name on Certificate: Patricia Jean Liss

Applicant Name	Date (mm/yyyy)	Name of program (attach copy of course completion certificate)
<u>Patricia Jean Liss</u>	<u>02/2022</u>	<u>Responsible Beverage Service Training</u>

\*For list of NLCC Certified Training Programs see training

Experience:

Applicant Name / Job Title	Date of Employment:	Name & Location of Business:
<u>Patricia J. Liss (owner)</u>	<u>4-15-1974</u>	<u>Lil Joes Bar Silver Creek, NE</u>
<u>Patricia J. Liss Bartender</u>	<u>1-1-2000</u>	<u>American Legion Silver Creek, NE</u>
<u>Patricia J. Liss Bartender</u>	<u>9-2017</u>	<u>American Legion Columbus, NE</u>

5. Have you enclosed form 147 regarding fingerprints?

YES       NO

**PERSONAL OATH AND CONSENT OF INVESTIGATION**

The above individual(s), being first duly sworn upon oath, deposes and states that the undersigned is the applicant and/or spouse of applicant who makes the above and foregoing application that said application has been read and that the contents thereof and all statements contained therein are true. If any false statement is made in any part of this application, the applicant(s) shall be deemed guilty of perjury and subject to penalties provided by law. (Sec §53-131.01) Nebraska Liquor Control Act.

The undersigned applicant hereby consents to an investigation of his/her background including all records of every kind and description including police records, tax records (State and Federal), and bank or lending institution records, and said applicant and spouse waive any rights or causes of action that said applicant or spouse may have against the Nebraska Liquor Control Commission and any other individual disclosing or releasing said information to the Nebraska Liquor Control Commission. If spouse has **NO** interest directly or indirectly, a spousal affidavit of non-participation may be attached.

The undersigned understand and acknowledge that any license issued, based on the information submitted in this application, is subject to cancellation if the information contained herein is incomplete, inaccurate, or fraudulent.

**Applicant Notification and Record Challenge:** Your fingerprints will be used to check the criminal history records of the FBI. You have the opportunity to complete or challenge the accuracy of the information contained in FBI identification record. The procedures for obtaining a change, correction, or updating an FBI identification record are set forth in Title 28, CFR, 16.34.

Patricia J. Liss  
Signature of Manager Applicant

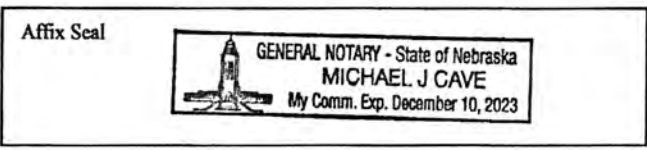
\_\_\_\_\_  
Signature of Spouse

ACKNOWLEDGEMENT

State of Nebraska  
County of Merrick The foregoing instrument was acknowledged before me this

2-22-22 by Patricia J. Liss  
date NAME OF PERSON BEING ACKNOWLEDGED

Michael J. Cave  
Notary Public signature



In compliance with the ADA, this application is available in other formats for persons with disabilities. A ten day advance period is required in writing to produce the alternate format.

**PRIVACY ACT STATEMENT/  
SUBMISSION OF FINGERPRINTS /  
PAYMENT OF FEES TO NSP-CID**

NEBRASKA LIQUOR CONTROL COMMISSION  
301 CENTENNIAL MALL SOUTH  
PO BOX 95046  
LINCOLN, NE 68509-5046  
PHONE: (402) 471-2571  
FAX: (402) 471-2814  
Website: www.lcc.nebraska.gov

Office Use Only

*Recvd 2/28/22*

Date Stamp HERE ONLY

Do not use any of the following uses

**THIS FORM IS REQUIRED TO BE SIGNED BY EACH PERSON BEING FINGERPRINTED:  
DIRECTIONS FOR SUBMITTING FINGERPRINTS AND FEE PAYMENTS:**

- **FAILURE TO FILE FINGERPRINT CARDS AND PAY THE REQUIRED FEE TO THE NEBRASKA STATE PATROL WILL DELAY THE ISSUANCE OF YOUR LIQUOR LICENSE**
- Fee payment of **\$45.25 per person** **MUST** be made **DIRECTLY** to the Nebraska State Patrol;  
It is recommended to make payment through the **NSP PayPort** online system at [www.ne.gov/go/nsp](http://www.ne.gov/go/nsp)  
Or a check made payable to **NSP** can be mailed directly to the following address:  
**\*\*\*Please indicate on your payment who the payment is for (the name of the person being fingerprinted) and the payment is for a Liquor License\*\*\***  
The Nebraska State Patrol – CID Division  
4600 Innovation Drive  
Lincoln, NE 68521
- Fingerprints taken at NSP LIVESCAN locations will be forwarded to NSP – CID  
*Applicant(s) will not have cards to include with license application.*
- Fingerprints taken at local law enforcement offices may be released to the applicants;  
*Fingerprint cards should be submitted with the application.*

***Applicant Notification and Record Challenge:*** Your fingerprints will be used to check the criminal history records of the FBI. You have the opportunity to complete or challenge the accuracy of the information contained in the FBI identification record. The procedures for obtaining a change, correction, or updating a FBI identification record are set forth in Title 28, CFR, 16.34.

\*\*\*\*Please Submit this form with your completed application to the Liquor Control Commission\*\*\*\*

Trade Name American Legion Post 84  
Name of Person Being Fingerprinted: Patricia J. Liss  
Date of Birth: [REDACTED] Last 4 SSN: [REDACTED]  
Date fingerprints were taken: 2-25-22  
Location where fingerprints were taken: Columbus - NSP CID Division  
How was payment made to NSP?  
 NSP PAYPORT  CASH  CHECK SENT TO NSP CK # \_\_\_\_\_  
My fingerprints are already on file with the commission – fingerprints completed for a previous application less than 2 years ago? YES

Patricia J. Liss

SIGNATURE REQUIRED OF PERSON BEING FINGERPRINTED



[Back to Lookup](#) / [Registrant Detail](#)

# Patricia J Liss

Political Party  
**Democratic**

Precinct  
**Silver Creek**

## Election Details

05/10/2022 2022 Primary Election

We did not find an absentee or provisional ballot associated with the selected election. This website does not track the status of a traditional ballot voted at the polls. If you voted a traditional ballot at the polls, your ballot has been accepted and counted.

## Polling Location

Mail Only

📍, NE

[View larger map](#)

NEBRASKA DIOS  
JESUCRISTO

Google

RMap data ©2022

© Copyright 2022 - ESSVR, LLC. All rights reserved.

**SPOUSAL AFFIDAVIT OF  
NON PARTICIPATION INSERT**

NEBRASKA LIQUOR CONTROL COMMISSION  
301 CENTENNIAL MALL SOUTH  
PO BOX 95046  
LINCOLN, NE 68509-5046  
PHONE: (402) 471-2571  
FAX: (402) 471-2814  
Website: www.lcc.nebraska.gov

Office Use  
*Rec'd 2/28/22*

I acknowledge that I am the spouse of a liquor license holder. My signature below confirms that I will not have any interest, directly or indirectly in the operation of the business (§53-125(13)) of the Liquor Control Act. I will not tend bar, make sales, serve patrons, stock shelves, write checks, sign invoices, represent myself as the owner or **in any way participate in the day to day operations of this business in any capacity.** The penalty guideline for violation of this affidavit is cancellation of the liquor license.

I acknowledge that I am the applicant of the non-participating spouse of the individual signing below. I understand that my spouse and I are responsible for compliance with the conditions set out above. If, it is determined that my spouse has violated (§53-125(13)) the commission may cancel or revoke the liquor license.

*Jeffrey J. Liss*  
\_\_\_\_\_  
Signature of **NON-PARTICIPATING SPOUSE**  
*Jeffrey J. Liss*  
\_\_\_\_\_  
Print Name

*Patricia J. Liss*  
\_\_\_\_\_  
Signature of **APPLICANT**  
*Patricia J. Liss*  
\_\_\_\_\_  
Print Name

State of Nebraska, County of Merrick

State of Nebraska, County of Merrick

The foregoing instrument was acknowledged before me  
this 2/22/22 (date)

The foregoing instrument was acknowledged before me  
this 2/22/22 (date)

by Jeffrey J. Liss  
Name of person acknowledged  
(Individual signing document)

by Patricia J. Liss  
Name of person acknowledged  
(Individual signing document)

*Michael J. Cave*  
\_\_\_\_\_  
Notary Public Signature

*Michael J. Cave*  
\_\_\_\_\_  
Notary Public Signature

GENERAL NOTARY - State of Nebraska  
*MICHAEL J. CAVE*  
My Comm. Exp. December 10, 2023

GENERAL NOTARY - State of Nebraska  
*MICHAEL J. CAVE*  
My Comm. Exp. December 10, 2023

In compliance with the ADA, this spousal affidavit of non participation is available in other formats for persons with disabilities. A ten day advance period is requested in writing to produce the alternate format.

***Certificate of Achievement***

- for those who serve or sell alcohol in Nebraska

***PATRICIA JEAN LISS***

*holds a*

State Alcohol certificate

Permit # RB-0148591

Permit Expires: 02-26-2025 Amount Paid: \$



**Responsible Beverage Service Training**  
**N E B R A S K A**





General	Credential	Number	Earned	Expires
Patricia Jean Liss  620 vine st  po box 245  Silver creek NE 68663	STATE ALCOHOL	RB-0148591	02-26-2022	02-26-2025

4.E. Resolution No. R22-36 approving agreement with Columbus Area Youth Football Organization for use of Bradshaw Park football facilities.

**RESOLUTION NO. R22-36**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AN AGREEMENT WITH COLUMBUS AREA YOUTH FOOTBALL ORGANIZATION FOR USE OF BRADSHAW PARK FOOTBALL FACILITIES, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, that the agreement with Columbus Area Youth Football Organization for use of Bradshaw Park football facilities, a copy of which is attached hereto and incorporated herein by this reference, is hereby approved and the mayor is authorized, directed, and empowered to execute the same on behalf of the City.

This resolution shall repeal all resolutions or portions thereof in conflict herewith.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

## AGREEMENT

Comes now the City of Columbus, Nebraska, a Municipal corporation, hereinafter referred to as "City" and the Columbus Area Youth Football Organization, of Columbus, Nebraska, hereinafter referred to as "CAYFO" and hereby jointly and mutually agree as follows:

WHEREAS, Columbus Area Youth Football Organization (CAYFO) has proposed to provide recreational football at Bradshaw Park and has requested the city allow the use of these facilities for this purpose.

NOW, THEREFORE, be it agreed by and between the parties that the City will provide the following services and perform the following acts in consideration for CAYFO providing the acts and performance of various duties as set forth in Section No. 2 below.


1. The City hereby agrees as follows:
  - A) To provide the Bradshaw Park facilities non-exclusively to CAYFO commencing after the City Council approval at the first council meeting in March of each year and terminating at the February Park Board meeting each year.
  - B) To mow the fields once weekly, weather permitting when and if needed.
  - C) To keep in good repair fences, buildings, plumbing, bleachers and irrigation equipment for the irrigation of the football fields.
  - D) To maintain the parking lot.
  - E) To haul garbage twice a week during the course of the football season if needed.
  - F) To supply toilet paper and cleaning supplies to clean the restrooms Monday through Friday.
  - G) To solicit input from CAYFO for projects funded by the City during the planning and construction phases of any major field and storage building renovation projects or additions.
  - H) Provide support for those projects being done by CAYFO. All projects must be approved and scheduled with the City prior to construction start.
  - I) To provide forms for all coaches, referees, league officials, board members, maintenance staff to complete for background checks. Background checks will be conducted by the Human Resources Dept. of the City of Columbus.
  - J) Pay for all background checks for city teams and organizations.
  - K) Provide information from background checks to league officials that the Police Chief and Public Property Director deemed detrimental to CAYFO's purpose.
  - L) All other background checks will be kept confidential.

2. CAYFO, in consideration of the City performing the acts and providing the facilities as set forth in Section No. 1 above, hereby agrees to perform the following:

- A) Pay to the City for the rental of the concession stand facilities in accordance with current fee structure.
- B) Pay the City for weekend garbage pickup when requested by the CAYFO in accordance with current fee structure.
- C) To mark the football fields.
- D) To supply all supplies for the marking of the football fields.
- E) To properly clean the restrooms and toilet facilities at the softball facility on weekends and holidays during the football season if used.
- F) **To police area for trash each game day. "Area" includes under bleachers, concession stand, around fields, parking areas, and deposit in garbage barrels.**
- G) To keep the interior of the concession stand and storage area clean at all times.
- H) It is the CAYFO's responsibility to determine if the football fields are playable after a rain.
- I) To supply light bulbs for the storage area at the Bradshaw football facility and to share equally in the cost with the city for maintenance of the scoreboard.
- J) To ensure no parking in the concession, bleacher, or shelter areas except for the purpose of loading and unloading supplies.
- K) That any improvements or changes to said facility have prior approval either by the Public Property Director/Park Superintendent or Park Board.
- L) Provide to the Park Board a complete financial report to include fees, concessions, tournaments, special events, special fundraisers, improvements completed, improvements planned, expenses to include cost for field preparation (i.e. labor, paint, vehicle & etc.), number of participants, games played and club teams if any that also utilize said facility and any other financial considerations deemed necessary utilizing the attached form provided by the city. A written financial report shall be provided to the Board by appearance of the organization chairperson by the month designated by the Park Board for said organization.
- M) Provide to the Park Board a listing of projects proposed necessitating city funding in the next FY along with the financial report.
- N) Provide a list of present board members and one contact person along with phone number for the Park Department to communicate with throughout the year.

- O) To provide the City of Columbus Certificate of Liability Insurance by March 1<sup>st</sup> of each year. The amounts requested are \$1,000,000 per occurrence, \$2,000,000 general aggregate, and minimum coverage of any vehicle used to maintain the fields. Amounts of coverage are minimum amounts and can be greater. THE CITY OF COLUMBUS MUST BE LISTED AS AN ADDITIONAL INSURED ON SAID POLICY AND CERTIFICATE provided to the city. By the execution of the contractor CAYFO agrees to indemnify and hold the city harmless on any liability which the city might incur as a result of CAYFO's or its members use of the facility.
- P) If the provisions of L, M, N and O that are listed above are not met, said organization does not have the City of Columbus permission to use said facility.
- Q) CAYFO agrees all profits, after expenses, derived from the usage of Bradshaw Park, be utilized on improvements to the fields.
- R) The CAYFO shall inspect the facilities and report to the city any conditions which appear to create a danger to either participants or spectators.
- S) Have all coaches, referees, league officials, board members, maintenance staff complete background check forms and return to the City of Columbus (Human Resources Dept.)
- T) Inform all out of town teams using city facilities, that all Columbus coaches, umpires, league officials, board members, maintenance staff have had a background check required by the City of Columbus. We would request a similar courtesy from our out of town guests.

DATED THIS 24 DAY OF March, 2022.

  
 \_\_\_\_\_  
 PRESIDENT OF CAYFO

\_\_\_\_\_  
 MAYOR  
 CITY OF COLUMBUS

John A. Zwingman  
 \_\_\_\_\_  
 PRINTED NAME

jzwingman@acesne.com  
 \_\_\_\_\_  
 EMAIL ADDRESS

4.F. Resolution No. R22-37 approving Loup River Levee Operations and Maintenance Manual.

**RESOLUTION NO. 22-37**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING THE LOUP RIVER LEVEE OPERATIONS AND MAINTENANCE MANUAL, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

WHEREAS, the Loup River Levee is a federal levee meeting the requirements of the Federal Emergency Management Agency accreditation criteria as described in 44 CFR 65.10; and

WHEREAS, the Levee is part of the US Corps of Engineers Public Law 84-99 Rehabilitation and Inspection Program.

BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, that the Loup River Levee Operations and Maintenance Manual attached hereto and incorporated herein by reference be approved and the mayor is hereby authorized, directed, and empowered to execute the same on behalf of the City of Columbus, Nebraska.

This resolution shall repeal all resolutions or portions thereof in conflict herewith.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

The City of **Columbus**

**MEMORANDUM**

---

**DATE:** March 31, 2022  
**FROM:** Richard J. Bogus, P.E., City Engineer  
**TO:** Tara Vasicek, City Administrator  
**RE:** Loup River Levee Operations and Maintenance Manual

**RECOMMENDATION:**

I recommend approval of the Resolution for the Loup River Levee Operations and Maintenance (O&M) Manual.

**DISCUSSION:**

The Lost Creek Levee is a federal levee upon which is inspected annually by the US Army Corps of Engineers (USACE).

This O&M Manual supersedes the previous manual published in 1974. The purpose of updating the O&M Manual is to meet the Federal Emergency Management Agency (FEMA) floodplain map accreditation criteria as described in 44 CFR (Code of Federal Regulations) 65.10. The Levee is part of the USACE PL84-99 Rehabilitation and Inspection Program.

The City entered into an agreement with the Federal Government through the USACE which requires that specific actions and measures be performed by the City when operating the Levee.

FEMA levee accreditation requires the O&M Manual be approved by the Local Public Agency, which is the City.

**FISCAL IMPACT:**

None

**ALTERNATIVE:**

Do not approve.

**SIGNATURE:**

By: Richard J. Bogus

Approved By: [Signature]

**Columbus, Nebraska**  
**Loup River Flood Protection Project**  
**OPERATION AND MAINTENANCE MANUAL**

**PREFACE**

Enclosed is the Operation and Maintenance (O&M) Manual for the Columbus - Loup River Left Bank Levee System (Levee System) located along the Loup River at Columbus, Nebraska.

The previous O&M Manual for the Levee System was published in 1974. This revised manual supersedes the previous manual. The plan and profile drawings included in this manual have been revised to reflect known alterations which have been made by the 2010 Levee Improvement Project completed in 2017 for the purposes of meeting Federal Emergency Management Agency (FEMA) floodplain map accreditation criteria as described in 44 CFR (Code of Federal Regulations) 65.10. These drawings will be updated as future alterations are made. Copies of these drawings will be made available for planning and for recording “as-built” conditions of future alterations.

<b>Update/Revision Date</b>	<b>Update Purpose</b>
November 2021	Documentation of modifications following 2010 Levee Improvements and 2019 Flood Fighting and Repairs.

The City of Columbus (City) entered into an agreement with the Federal Government through the U.S. Army Corps of Engineers (USACE) which requires that specific actions and measures be performed by the City when operating the Levee System. Rehabilitation assistance for repair of flood damage to the Levee System may be provided through the Public Law 84-99 Rehabilitation and Inspection Program (RIP), which is administered by the USACE.

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## Appendices

Appendix A:	Emergency Preparedness Plan (EPP)
Appendix B:	2010 Loup River Levee O&M Manual Project Plates
Appendix C:	USACE Levee Owner’s Manual and Emergency Flood Fight Training Manual
Appendix D:	Inspection Responsibilities, Checklists
Appendix E:	Key Reference Documents and Reports
Appendix F:	O&M Manual Addendums Guidance
Appendix G:	2019 Flood Damage Report
Appendix H:	2020 USACE Flood Damage Repair
Appendix I:	1974 Operation and Maintenance Manual
Appendix J:	(Digital Only) Report of Geotechnical Investigation – Loup River Levee Accreditation Compliance Analysis; Columbus, NE (Mid-States Engineering & Testing)

## SECTION 1 - INTRODUCTION

---

### 1.1 PURPOSE AND ORGANIZATIONAL STRUCTURE OF MANUAL

The purpose of this Operation and Maintenance (O&M) manual is to provide detailed information specifically for the operation, maintenance, repair, replacement, and rehabilitation of the Loup River Flood Protection Project (FPP) in Columbus, Nebraska. It is intended to serve as a practical outline for persons having inspection, maintenance, and/or operation responsibilities under both normal and high water conditions. Adherence to the inspection procedures and complying with the descriptive materials contained herein will insure conformance with the United States Army Corps of Engineers (USACE) requirements. The Levee Owner's Manual for Non-Federal Flood Control Works, which is provided in Appendix C, is an excellent reference for general operations and maintenance of levee systems and should be reviewed and utilized in concert with the rest of this manual.

The previous O&M manual for the Columbus, Nebraska Loup River Flood Protection Project, was published in 1974 by the USACE. The contents included in this manual have been updated to provide a more complete reflection of the flood risk reduction project's existing conditions since completion of the 2010 Levee Improvement Project. This manual is designed to have an updated organizational structure as compared to the prior O&M manual while many elements of the prior manual are maintained. Below is a summary of the primary elements of this manual:

- Project plates are provided as an appendix to this manual. The project plates provide an overview of the FRRP and represent a snapshot of the system as of the completion of the 2010 Levee Improvement Project.
- Flood Risk Reduction Project components and key features are described in Section 2 of this manual. These descriptions generally follow the Project Plates.
- Operation and maintenance of key features during normal, non-emergency conditions is described in this manual. These descriptions are tied to the primary features described in the Project Plates.
- Finally, emergency operations during a high-water event are generally described. This is supported by an Emergency Preparedness Plan (EPP) which describes flood fight procedures specific to the Levee System.

The features of this manual related to key levee system components and non-emergency and emergency operations are intended to be utilized in concert with the project plates. The project plates also include summaries of key system components along with the overview survey. It is intended that the Project Plates can be easily updated with minor updates/changes to the levee system; potential updates to the O&M manual text will need to be reviewed in concert with any changes to the project plates depending on the nature of the plate modification. However, the EPP will require regular review and updates to ensure emergency contacts and procedures remain effective.

## **1.2 AGREEMENTS**

### **1.2.1 AUTHORITY**

The Flood Protection Project for Columbus, Nebraska was constructed under the authority contained in Section 205 of the 1948 Flood Control Act, as amended. The plan of improvement was approved by the Chief of Engineers on 1 Feb. 1966.

### **1.2.2 FEDERAL REGULATIONS**

The requirements by which the Sponsor will be governed in the maintenance and operation of the Loup River Flood Protection Project are set forth in Part 208 of Title 33 - Code of Federal Regulations, Chapter II, Section 208.10. A copy of this regulation is also provided in Appendix E. All applicable portions of those regulations will apply to this project unless otherwise stated in this manual.

### **1.2.3 GENERAL RULES AND PROCEDURES**

The general rules for maintenance and operation of the Loup River Flood Protection Project are contained in subparagraph 208.10(a) of the Flood Control Regulations as follows:

1. The structures and facilities constructed by the United States for local flood protection shall be continuously maintained in such a manner and operated at such times and for such periods as may be necessary to obtain the maximum benefits.
2. The State, political subdivision thereof, or other responsible local agency, which furnished assurance that it will maintain and operate flood control works in accordance with regulations prescribed by the Secretary of the Army, as required by law, shall appoint a permanent committee consisting of or headed by an official hereinafter called the 'Superintendent' (non-federal Sponsor), who shall be responsible for the development and maintenance of, and directly in charge of, an organization responsible for the efficient operation and maintenance of all the structures and facilities during flood periods and for continuous inspection and maintenance of the project works during periods of low water, all without cost to the United States.
3. A reserve supply of materials needed during a flood emergency shall be kept on hand at all times.
4. No encroachment or trespass which will adversely affect the efficient operation or maintenance of the project works shall be permitted upon the right-of-way for the protective facilities.
5. No improvement shall be passed over, under, or through the walls, levees, improved channels or floodways, nor shall any excavation or construction be permitted within the limits of the project right-of-way, nor shall any change be made in any feature of the works without prior determination of the District Engineer [District Commander] of the Department of the Army or his authorized representative that such improvement, excavation, construction, or alteration will not adversely affect the functioning of their protective facilities. Such improvements or alterations as may be found to be desirable and permissible under the above determination shall be constructed in accordance with standard engineering practice. Advice regarding the effect of proposed improvements or alterations on the functioning of the project and information concerning methods of construction acceptable under standard engineering practice shall be obtained from the District Engineer [District Commander] or, if otherwise obtained, shall be submitted for approval. Drawings or prints showing such improvements or alterations as finally

constructed shall be furnished the District Engineer [District Commander] after completion of the work. [See Section 1.8] In addition, the area occupied by the river channel and the area between the levee and river has been designated as a floodway for purposes of the National Flood Insurance Program (NFIP). In order to comply with requirements of the NFIP, no fill shall be placed within these areas without prior approval from the local government having jurisdiction for purposes of flood plain regulation.

6. It shall be the duty of the superintendent (non-federal Sponsor) to submit an annual report to the District Engineer [District Commander] covering inspection, maintenance, and operation of the protective works. [see Section 4.7]
7. The District Engineer [District Commander] or his authorized representatives shall have access at all times to all portions of the protective works.
8. Maintenance measures or repairs which the District Engineer deems necessary shall be promptly taken or made.
9. Appropriate measure shall be taken by local authorities to ensure that the activities of all local organizations operating public or private facilities connected with the protective works are coordinated with those of the Superintendent's (non-federal Sponsor's) organization during flood periods.
10. The Department of the Army will furnish local interests with an Operation and Maintenance Manual for each completed project, or separate useful part thereof, to assist them in carrying out their obligations under this part.<sup>1</sup>

The City Engineer performs the duties of Superintendent as defined. Most of the general duties outlined above are self-explanatory. There are, however, certain features in connection with items 2, 5, 6, and 9 that require further clarification to ensure uniform interpretation. Further instructions for compliance with those requirements are provided in the following sections of this manual.

<sup>1</sup>The Local Sponsor (the City) assumed responsibility updating the Operation and Maintenance Manual for the Loup River Flood Protection Project as part of the 2010 Levee Improvement Project.

### **1.3 LEVEE SYSTEM AND FLOOD EVENT HISTORY**

#### **1.3.1 GENERAL**

The Loup River Flood Protection Project includes the levee along the Loup River adjacent to Columbus, NE. The project is located along the left bank of the Loup River, and is on the south and west sides of the City of Columbus, Nebraska. The Loup River is a tributary of the Platte River, which is a tributary of the Missouri River.

#### **1.3.2 ORIGINAL CONSTRUCTION**

Original construction of the levees and related work was accomplished by Ed Miller and Sons, Contractors, Omaha, Nebraska, under Contract No. DACW45-72-C-0065. Work was started on 12 January 1972 and was completed on 6 October 1972. The work was accomplished under the supervision of the District Engineer, U.S. Army Engineer District, Omaha, Corps of Engineers, Omaha, Nebraska. The project was

turned over to the City of Columbus, Nebraska for operation and maintenance on 6 October 1972. The total project cost was approximately \$1,675,000.

### **1.3.3 SIGNIFICANT FLOOD EVENT HISTORY**

Columbus experienced 20 open water floods during the period from 1894 through 1972, when the original construction of the levee was completed. Large floods occurred in 1935, 1947, 1948, 1960 and 1966. Significant flooding due to an ice jam occurred in 1948. Since the completion of the FPP, two major events have occurred. The 2012 Periodic Inspection Report provided the following historical flood information for the identified major events which occurred since the completion of the FPP.

#### **March 1993**

An ice jam on the Loup River occurred at the Highway 30-81 Bridge causing flooding in Columbus upstream of the bridge. The ice jam produced a stage at Columbus that was equivalent to an open water flow of 200,000 cfs. This stage diverted Loup River floodwater over the right bank and across the land between the Platte and Loup Rivers.

Most of the damages occurred in this area. Wind and wave action caused the levee to be overtopped in the Wagner Lakes area although no damages were reported there. High water mark surveys showed stages reached elevation 1449.31 ft-msl, nearly 9 feet above flood stage. Buildings along Highway 30 and Highway 81 were flooded, and several families evacuated. Over \$2,000,000 in damages occurred as a result of the flood.

#### **June 2010**

A high water event occurred during mid-June 2010. Ten to 16 inches of rain fell along a swath through central Nebraska, creating a several-day flooding event. Record-breaking crests occurred along several streams including the Elkhorn River, Ponca Creek, Calamus River and Cedar River. Discharges along the Loup River were reported at just under 30,000 cfs by the Nebraska DNR which corresponds to an elevation near the levee toe. The levee system was not affected by this event.

#### **March 2019**

During March 2019, significant flooding was experienced on many river systems throughout Nebraska. Rare circumstances including significant localized snowpack, deep frost, extended cold weather into March and untimely rain events and rapid warming created record flows in both the Loup River and the Platte River. The existing USGS gage station located at the US Highway 81/30 bridge indicated that the Loup River crested at a stage reading of 17.55' on March 14, 2019 at approximately 9:00 PM. Prior to this event the historic crests at this location were reported at 20.07 ft on March 8, 1993. Flows for this March 2019 event were choked with massive ice. Ice jamming was observed on several bridges adjacent to the Loup River Flood Protection (Levee). It was also reported that there was significant ice build-up at the UPRR Railroad Crossing – Black Bridge (Levee Station 59+89) and the US. Highway 81/30 bridge (Levee Station 150+58). Additional ice jamming was also reported at the confluence of the Loup River and the Platte River approximately 6 miles downstream.

This event did cause damage to the levee at several locations. Most of the damage was due to the significant ice flows and was limited to degradation of the rip rap slope protection and to riverside ramps. Just upstream of the UPRR bridge (Station 59+89) it was reported that high water (influenced by ice jamming at the bridge) was very near the top of the levee for a short period of time until the ice jam gave away and levels dropped dramatically. The damage was repaired by the USACE under the existing PL84-99 agreement with the City. As-Built information on the repairs is included in Appendix G. A summary of the repairs made at this time include:

Area	Levee Station	Damage Description
1	29+00 to 44+00	Riverside slope debris and erosion
2	43+00 to 50+00	Overtopping crest and slope damage
3	104+00 to 115+00	Bank erosion into levee slope
4	155+00 to 160+00	Reseeding at levee Toe
5	184+40	Bank erosion near outlet structure
6	224+50 to 232+00	Landside slope rutting
7	56+00 to 58+50	Riverside bank erosion

#### **1.4 KEY REFERENCES**

This section provides an overview of key references used in the development of this manual.

##### **1.4.1 1974 O&M MANUAL**

The 1974 O&M Manual provides the City with information on complying with “Flood Control Regulations – Maintenance and Operation of Flood Control Works.” Contained in this manual are methods for proper maintenance of the levee and channel sections to be accomplished during low water periods and emergency flood-fighting methods to be used during periods of flooding. The 1974 O&M Manual is included in Appendix G of this manual.

##### **1.4.2 2012 PERIODIC INSPECTION**

A periodic inspection of the Levee System was conducted in April, 2012 by the USACE, Philadelphia District for the USACE, Omaha District. The periodic inspection utilized existing information, such as previous inspections and as-built drawings, as well as field observations. No new studies, surveys, or engineering analyses were performed as part of the inspection.

##### **1.4.3 2019 FLOOD DAMAGE ASSESSMENT**

Following the March 2019 flood event an assessment report to document damage was developed by JEO Consulting Group, Inc. This assessment report is included in Appendix G

#### **1.4.4 APPLICABLE ENGINEERING REGULATIONS (ER) AND OTHER REFERENCES**

The USACE establishes a wide range of technical guidance and regulatory documents related to the engineering design, alteration, management, and operation of flood control levee systems. These documents are subject to periodic update and revision. Therefore, the USACE publications library should be consulted to ensure that the most current version of any guidance or regulation is being utilized.

Pertinent regulations and references can be found by accessing the following link:

<http://www.publications.usace.army.mil/USACE-Publications/Engineer-Manuals/>

#### **1.5 SPONSOR RESPONSIBILITIES**

The City is the non-federal Sponsor for the Levee System. As the non-federal Sponsor, the City is responsible for the operation, maintenance, repair, replacement, and rehabilitation (OMRR&R) of the FPP. These responsibilities include training levee inspectors and maintenance personnel, conducting inspections, preparing for emergencies, reporting, and public education awareness. OMRR&R actions are to conform to the project plates, to this O&M manual, and any relevant USACE agreements or guidance unless specifically approved by the USACE.

The term “Sponsor” will be used throughout this document to represent the City acting in the non-federal Sponsor capacity.

#### **1.6 SPONSOR’S ORGANIZATIONAL STRUCTURE**

The organizational structure for the Sponsor’s administration of the FPP and points-of-contact are provided in the EPP. The Sponsor should ensure that there are a sufficient number of primary and alternate personnel responsible for operation of gatewell structures, sand bagging, flood surveillance, and other activities necessary for flood fighting efforts. The EPP including organizational structure, rosters, and points-of-contact must be updated on an annual basis.

#### **1.7 POINTS OF CONTACT AND PLAN HOLDERS LIST**

Refer to Appendix A for a listing of points-of-contact for the Sponsor, USACE, and other agencies and organizations. A list of holders of the O&M manual is provided below. All plan holders need to receive any addendums, revisions or updates to the O&M plan.

##### **O&M Manual Holders**

- City of Columbus, Nebraska
- Platte County Emergency Management Agency (PCEMA)
- Lower Loup Natural Resources District (LLNRD)
- USACE

Contact information for each O&M manual holder is provided in Appendix A.

## 1.8 IMPROVEMENTS OR ALTERATIONS

Any proposed improvements or alterations within the federal project right-of-way or changes to the operation of the federal project will need to be reviewed and must be approved by the USACE, Omaha District prior to implementation as outlined below. Any proposed improvements or alterations within the levee “critical area” should be submitted to the USACE, Omaha District, for technical review prior to implementation. The levee critical area is generally considered to extend from 300-foot riverward to 500-foot landward of a levee’s centerline. In some instances, the critical area may extend beyond 500-foot landward if any impact on the levee can be identified. The Sponsor is responsible for construction oversight for any approved alteration within the levee critical area to ensure that it is constructed and implemented in accordance with the reviewed and approved plans and specifications. The Sponsor is also responsible for ensuring that the O&M manual is revised or amended to reflect any alterations or other changes to the federal project.

Any proposed alteration cannot be injurious to the public interest or impair the usefulness of the flood control project. Public safety is the number one priority and cannot be compromised. The conditions for allowing improvements or alterations are outlined in the Flood Control Regulations. The City needs to fully consider, review and approve any proposed alteration request within the levee critical area and require the requester to submit detailed information for the proposed alteration to the USACE, Omaha District for review and consideration for approval. No improvement or alteration shall be allowed within the federal project right-of-way without the written approval of the USACE, Omaha District Commander or his/her authorized representative.

As required, the aforementioned submittal to the USACE must include engineering drawings (plans, profiles, cross sections, details, and specifications) that fully illustrate the proposed improvement or alteration and its relationship to the existing levee system. The drawings will be accompanied by a technical write-up, plans, specifications, analysis and other data that describes the proposed improvement or alteration and its impact to the federal project and any required mitigation measures. The submittal **must** include a signed statement from the engineer-of-record for the proposed alteration that there will be no adverse impact to the project from the proposed alteration.

The party that is proposing any alteration within the federal project right-of-way needs to consult USACE technical guidance, policy and regulation governing such prior to requesting review of the proposal. USACE guidance on proposed alterations is included in Appendix E. This information is typically available on the USACE websites. Refer to the Applicable Engineering Regulations (ER) and Other References Section for further guidance regarding the availability of this information. The Sponsor’s and/or USACE review may result in a determination that the proposed alterations will not be allowed.

## 1.9 MATERIALS

A reserve supply of materials which may be needed during a flood emergency should be available at all times. These items do not need to be acquired and stored on the project, as long as sufficient advanced arrangements are made to guarantee that sufficient materials will be readily available at the project when needed. To ensure that this supply is available, an annual inventory should be made and submitted with the annual report. That inventory should include the name of item, source and quantity available. Commercial or contractor sources should be verified on a regular basis to insure there is not a change in the availability of needed items. The following items and amounts are the minimum that should be available.

ITEM	QUANTITY	ITEM	QUANTITY
Sand Bags	2,000	Saws	2
Plastic Sheeting	600 SY	Portable Light Plants	1
Bag Racks	1	Trucks	1
Snow Fence	100 ft	Tractor and Scraper	1
Posts 4X4 – 5’	25	Portable Pump	1
Shovels	10	Small Tools	Adequate
Axes	2		

## 1.10 AS-BUILT & ALTERATION DRAWINGS

Record drawings including post-construction conditions following the 2010 Levee Improvements and the 2019 USACE Flood Damage Repairs for the Levee System are provided in Appendix F. This information should be consulted prior to any maintenance to the Levee System.

## 1.11 O&M MANUAL UPDATES, ADDENDUM AND REVISIONS

The Sponsor is responsible for all addendums, updates, and revisions to this O&M manual and for providing all O&M manual holders (See Section 1.7) with the revised sections or document. With respect to updates, the Sponsor should review and update supplier and contractor lists and emergency notification contacts on an annual basis. Any time there is an alteration to a levee, a facility passed through or under the levee, a change in operation, or any other change in the levee system, an addendum to the O&M manual needs to be prepared for documentation and record purposes. Periodically the entire O&M plan will need to be revised to consolidate all updates, addendums, and other changes to the manual. These complete O&M manual revisions will be performed by the Sponsor on an as-needed basis.

The USACE must review and approve any changes, addendums, or revisions to this O&M manual to ensure that the changes do not adversely impact the operation or integrity of the levee system. This authority is provided through the agreements the Sponsor entered into with the USACE for the construction of the federal project. Refer to Appendix F for guidance on developing O&M manual addendums. The USACE may revise this O&M manual to reflect changed conditions, to reflect changes in guidance, or as is otherwise warranted.

## SECTION 2 - LEVEE SYSTEM AND COMPONENTS

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This section provides a description of the Loup River Flood Protection Projects and its components.

### 2.1 LOCATION

The Columbus – Loup River LB Levee System is located in Platte County, Nebraska, along the left bank of the Loup River just upstream from its confluence with the Platte River. The levee is located on the south and west sides of the City of Columbus, Nebraska, along the left bank of the Loup River. The upstream end of the levee ties to high ground adjacent to the county road approximately one mile upstream from the Union Pacific Railroad. The levee extends downstream approximately 4.2 miles from the Union Pacific Railroad. The downstream end of the levee does not tie into high ground. Protection is provided by this trail levee which was designed to pass stream discharges up to project design without affecting development which existed at the time of construction. Some inundation will occur behind the levee near the downstream end of the project when major flood events are experienced. This possibility should be kept in mind if further development of the area is considered in the future.

### 2.2 FLOOD EVENT CHARACTERISTICS

Flooding on the Loup River can result from high intensity bursts of rainfall, rapid melting of the winter's accumulation of ice and snow, or a combination of both. During the snowmelt periods, ice jams often aggravate the flood problem. The total drainage area of the Loup River basin upstream from Columbus is approximately 15,200 square miles. Of this total it is estimated that about 6,530 square miles contribute to peak flood flows at Columbus.

The upper portion of the basin is located in the sand hill region which is characterized by numerous potholes, undefined drainage patterns, and extremely high infiltration rates. Downhill from the sand hill region the area is characterized by rolling hills which are, in general, planted to grass or small grain. The major tributaries in the basin flow from the sand hills in a southeasterly direction to join the Loup River. The river then flows in an easterly direction to its confluence with the Platte River about one mile downstream from Columbus.

### 2.3 HYDROLOGY AND HYDRAULICS

At the time this O&M manual was created, the best available hydrologic and hydraulic data for the Loup River at Columbus is the current Platte County Flood Insurance Study (FIS) dated 19 April 2010. A November 1975 paper published by the Missouri River Basin Commission was the source of the 10-, 2- and 1-percent annual chance discharges for the Loup River.

The hydraulic data in the 2010 FIS consists of a HEC-2 software analysis completed using cross section data provided by the Nebraska NRC. This hydraulic model, in HEC-2, format was obtained by JEO and modified for use in HEC-RAS version 4.1.0. The model was subsequently transferred to FEMA's mapping contractor, STARR, at their request for use in without-levee hydraulic analyses. STARR calibrated the hydraulic model to match the FIS profiles to within 0.5-foot. This calibrated model was obtained from STARR (July 21, 2011). These data sources provided the basis for the completed 2010 improvements. The

plan and profile sheets in the as-built drawings illustrate BFE water surface profile information. See Appendix B.

## **2.4 GENERAL LEVEE SYSTEM DESCRIPTION**

### **2.4.1 ORIGINAL FLOOD PROTECTION PROJECT**

The original Flood Protection Project at Columbus, Nebraska, completed in 1972 consisted of the following:

1. An earthen levee approximately 5.2 miles in length located on the west and south sides of Columbus. (Left bank of the Loup River)
2. Drainage structures to conduct interior drainage to the Loup River
3. Stone bank and levee erosion protection.
4. Sod cover on earthen side slopes.
5. Surfacing on levee crowns, ramps and turnouts.
6. Underseepage control consisting of approximately 3.5 miles of perforated toe drain pipe located along the landward levee toe with risers, manholes and outlet pipes.
7. A road and railroad raise to levee grade incidental to project construction.

### **2.4.2 2010 COLUMBUS LEVEE IMPROVEMENT PROJECT**

Improvements to the original project were required for the project to meet criteria specified in 44 CFR (Code of Federal Regulations) 65.10 for the purposes of continuing to show the Levee System as providing 1% annual exceedance probability flood protection on the updated FEMA floodplain maps for the City. The general improvement objectives were as follows:

1. Levee height increases to improve freeboard to meet FEMA accreditation requirements.
2. Extend existing drainage structure at 14<sup>th</sup> Avenue.
3. Remove and replace underseepage control facilities, including 25,000 feet of toe drains and associated cleanouts, outlets etc.
4. Address maintenance items identified in previous USACE inspections.

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

### 2.4.3 2019 LEVEE REHABILITATION (USACE FLOOD DAMAGE REPAIR)

Following the historic flooding of March 2019, the USACE completed flood damage repairs to various locations. As-Built drawings from that repair are located in Appendix G. A summary of the repairs made at this time include:

Area	Levee Station	Damage Description
1	29+00 to 44+00	Riverside slope debris and erosion
2	43+00 to 50+00	Overtopping crest and slope damage
3	104+00 to 115+00	Bank erosion into levee slope
4	155+00 to 160+00	Reseeding at levee Toe
5	184+40	Bank erosion near outlet structure
6	224+50 to 232+00	Landside slope rutting
7	56+00 to 58+50	Riverside bank erosion

## 2.5 LEVEE EMBANKMENT, AUTHORIZED CAPACITY, AND CURRENT CAPACITY

In general, the crown width of the levee is ten feet. The riverside levee side slopes are one foot vertical to three feet horizontal and the landside levee side slopes are one foot vertical to five feet horizontal. The levee crown has been surfaced with about a 4-inch thickness of crushed limestone to provide a serviceable roadway during wet weather. The levee side slopes have been seeded with a mixture of grasses to provide protection against erosion. These sections of levee embankment provide a barrier necessary to maintain flood risk reduction for the City of Columbus during a flood event on the Loup River.

### 2.5.1 ORIGINAL PROTECTION PROVIDED

The Columbus, Nebraska Flood Protection Project is needed to protect the city against discharges in excess of 18,000 cfs on the Loup River. This discharge was the beginning of significant left bank flood damage prior to the construction of the project. The Loup River left bank levee was designed to provide protection against a flow of 150,000 cfs, which was estimated to have about a 0.5 percent chance of annual occurrence. Studies showed the overall project would reduce flood damages in the protected area 90 percent.

### 2.5.2 CURRENT PROTECTION PROVIDED

The levee profile for the 2010 Columbus Levee Improvement Project was designed to be at an elevation of 0.2 feet above minimum freeboard requirements prescribed in the levee accreditation criteria of 44 CFR 65.10 for a 1% annual exceedance probability flood. The regulatory flood elevations were obtained from the effective Flood Insurance Study (FIS) dated April 19, 2010. The minimum freeboard requirement ranges from 3.0 to 4.0 feet above the BFE. A copy of 44 CFR 65.10 is included in Appendix E. The following table provides a sampling of the levee cross-sections.

<b>AS-BUILT LEVEE ELEVATIONS &amp; 100-YEAR FLOOD LEVELS</b>			
<b>Station</b>	<b>Computed 100-Year Flood Level (feet)</b>	<b>As-Built Top of Levee (feet)</b>	<b>Freeboard (feet)</b>
<b>10+00</b>	1458.7	1463.1	4.4
<b>60+00</b>	1456.7	1461.0	4.3
<b>110+00</b>	1450.8	1454.8	4.0
<b>160+00</b>	1446.0	1449.8	3.8
<b>210+00</b>	1440.8	1444.4	3.6
<b>260+00</b>	1435.7	1438.9	3.2

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

### **2.5.3 2010 LEVEE IMPROVEMENT PROJECT DESCRIPTION**

The 2010 Levee Improvement Project improvements included increasing existing levee embankment height using earthen fill, the extension of one interior drainage structure and removal and replacement of underseepage management features.

The levee was originally constructed as a sand core levee with an impervious face constructed with cohesive fine-grained soils. The 2010 Levee Improvement Project increased the thickness of this face to provide additional freeboard to meet FEMA criteria. The majority of materials placed were obtained from a borrow area located north of Columbus. Geotechnical investigation information and borrow material testing results can be found in Appendix H. The levee top width was constructed at 10 feet at typical levee cross section locations. The landward levee side slopes are approximately five horizontal to one vertical (5H:1V) and the riverward levee side slopes are approximately three horizontal to one vertical (3H:1V). During construction, extensive vegetation/debris removal was performed. Final levee slopes were covered with top soil, seeded and hydro-mulched to facilitate vegetation growth.

Portions of the levee were topped by concrete trail and crushed rock. Turnaround areas and access ramps/roads were maintained or improved with the exception of those that were removed due to being unauthorized.

Bar gates and fencing were installed at all access locations to prevent unauthorized access. Toe drain was installed to control underseepage along the entire reach of the levee. Inspections of the existing toe drain system found it to be sand filled and was therefore either removed or properly abandoned. Under normal conditions, all interior drainage is provided by gravity flow through reinforced concrete box (RCB), reinforced concrete pipe (RCP), and corrugated metal pipe (CMP). The drainage structure at 14<sup>th</sup> Avenue, Station 223+65, was extended to account for the levee raise. The existing timber outlet wingwalls of the drainage structure at station 184+42 were removed and replaced with rock gabion baskets. The project also included the restoration of riprap facing through placement of additional rock rip. The following table provides the location of placed riprap.

<b>2010 LEVEE IMPROVEMENTS RIPRAP PLACEMENT</b>	
<b>Begin Station</b>	<b>End Station</b>
59+25	68+10
91+50	95+00
104+25	123+50
147+50	154+00

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

## **2.6 DRAINAGE STRUCTURES**

The drainage structures provide a means of conveying the interior drainage from within the protected area through the levee system. These structures may be corrugated metal pipes (CMP), reinforced concrete pipes (RCP) or reinforced concrete boxes. A six-inch diameter steel pipe was provided at station 29+48 to serve as irrigation pipe access through the levee embankment. The pipe was equipped with a duckbill check valve as part of the 2010 Levee Improvement Project.

All drainage structures were provided with Flap Gates and one drainage structure located at station 151+52 was also provided with a Sluice Gate. This sluice gate provides additional protection for an existing landside storm sewer system in the event of a flap gate failure.

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

### **2.6.1 GATES**

There are two basic types of gates used in this project: sluice (slide) gates and flap gates. No gates were modified with the 2010 Improvement Project.

#### **2.6.1.1 Sluice Gates**

Sluice Gates are used to regulate the flow through a drainage structure manually. They are normally used as a secondary or backup system to flap gates in the event that the flap gates would become damaged or inoperable because of ice or debris. Sluice gates are used as a primary system if sufficient warning time is available to allow closure. Sluice gates are only in gate wells and have both square and round openings. Sluice gates are normally open.

#### **2.6.1.2 Flap Gates**

Flap Gates are made of cast iron, steel or stainless steel, depending on the model. They are used to control flow automatically. Flap gates are equipped with flat or spigot back type seats for attaching to wall thimbles, corrugated steel pipe, concrete headwalls or other existing walls. The seat or ring of the flap gate is attached to a wall or pipe and forms the opening through which water passes.

<b>Drainage Penetration No.</b>	<b>Levee Station</b>	<b>Size/Type</b>	<b>Closure Type</b>
1	4+00	Twin 60" RCP	Flap Gate and Slide Gate
2	29+48	12" Irrigation Sleeve	Duck Bill Closure
3	104+51	30" CMP	Flap Gate
4	149+53	5' x 5' RC Box	Flap Gate
5	149+98	Twin 6' x 4' RC Box	Flap Gate
6	151+53	60" CMP	Flap Gate and Slide Gate
7	184+42	Twin 5' x5' RC Box	Flap Gate
8	192+45	Twin 5' x5' RC Box	Flap Gate
9	223+65	Twin 5' x5' RC Box	Flap Gate

Figure 1 includes the location of the existing drainage penetrations through the Loup River Flood Protection Project.

## 2.7 UTILITY PENETRATIONS

The levee system also includes several locations where various utilities penetrate the embankment the approximate location of these crossings is shown in detail in the project plates and also summarized in the following table as well as Figure 1.

<b>Utility Penetration No.</b>	<b>Levee Station</b>	<b>Size</b>	<b>Type</b>
1	162+81.52	6" Forcemain	Sanitary Sewer Forcemain
2	223+94	36"	Sanitary Sewer
3	224+09.23	6"	Water Main
4	224+50.87	Unknown	Natural Gas Main
5	224+58.00	Twin 24"	Sanitary Sewer
6	230+92.00	Unknown	Sanitary Sewer
7	231+00.00	Unknown	Sanitary Sewer

## 2.8 UNDERSEEPAGE CONTROL FACILITIES

The term "Underseepage Control Facilities" is used to define such features installed on this project to control underseepage conditions. Levees are subject to foundation underseepage and uplift pressures that develop when there is a head differential (i.e. water levels on the riverside of the levee are greater than water levels on the landside of the levee). When the water level increases on the riverside of the levee, the head differential increases and higher seepage pressures can develop. Conversely, when the water level on the riverside of the levee decreases, the head differential decreases; thus, lowering the seepage pressure. Problem areas may develop landward of the levee or within the levee embankment if

excessive underseepage pressures develop and/or underseepage flow occurs, regardless of whether the river stage is rising or falling during a flood event. Underseepage control facilities can help mitigate/control these pressures as long as they are functioning as designed and constructed.

### **2.8.1 GENERAL**

Subsurface investigations made in connection with project design studies indicate that the levee foundation consists principally of alluvial sands. These sands were determined to be relatively clean, highly permeable and generally lacking a surface blanket of more impervious soils normally found in alluvial flood plains. Test borings show very little indication of horizontal stratification of these foundation sands. These natural foundation conditions can lead to excessive Underseepage pressures concentrating at the landside toe of the levee with the possibility of dangerous sand boils or uncontrolled seepage developing. Sand boils or excessive seepage could lead to a weakening and possible failure of the levee if allowed to develop. The close proximity of landside lakes resulting from prior gravel extractions furthers the need for Underseepage control because of the relatively short seepage path between the lakes and the river.

### **2.8.2 TOE DRAIN SYSTEM**

The toe drain system provides a controlled seepage path which serves as a “safety valve” along the landside toe of the levee. Water is discharged through the system during periods of high river stages. This affects a lowering of the water pressure in the foundation sands and reduces the possibility of dangerous sand boils or uncontrolled seepage from developing. The system is not designed to completely eliminate the excess pressure, but to reduce it to within an allowable range permitting controlled seepage without boiling. The toe drain is most effective when flows are allowed to discharge freely at the lowest level possible within the system. Outlet pipes provide low level discharge points at several locations along the system. The toe drain system consists of pipes, manholes, risers, inspection ports and outlet drains.

#### **2.8.2.1 Toe Drain Pipe**

The toe drain pipe is comprised of 12-inch diameter double walled perforated PVC pipe. The pipe was placed within a minimum 3-foot horizontal by 3-foot vertical granular fill trench wrapped in a non-woven geotextile filter fabric.

### 2.8.2.2 Outlet Drains

Outlet drains consist of 12-inch diameter nonperforated PVC equipped with a stainless-steel flap gate connecting the toe drain to landside lakes, ponds, ditches or other City storm sewer which serve as temporary ponding areas for flows produced by the toe drain system. Primary discharges of the toe drain system are intended to be in the outlet drains.

Toe Drain Outlet	Levee Station	Size/Type	Outlet Note
1	46+33	12" PVC	Adjacent sandpit lake
2	71+13	12" PVC	City storm sewer system
3	119+72	12" PVC	City storm sewer system (Pawnee Park)
4	140+00	12" PVC	City storm sewer system (Pawnee Park)
5	184+42	12" PVC	23rd Ave drainage channel
6	192+43	12" PVC	21st Ave drainage channel
7	192+45	12" PVC	21st Ave drainage channel
8	222+66	12" PVC	14th Ave drainage channel
9	250+00	12" PVC	Adjacent pond/wetland at Quail Run Golf Course
10	277+76	12" PVC	Downstream end of levee

### 2.8.2.3 Manholes

Fifteen concrete manholes with removable covers are located at select locations along the system providing access points for operation and maintenance and some also serve as a junction box between the perforated toe drain and the outlet drains. The following table provides the approximate location of toe drain manholes.

MANHOLE LOCATIONS			
16+00	107+85	185+25	224+80
46+30	119+80	192+10	250+00
71+05	140+00	193+00	277+00
93+65	183+50	222+50	

### 2.8.2.4 Riser Pipes

A 12-inch diameter solid riser pipe, connected by a tee, was installed on the toe drain pipe approximately every 600 feet or where shown on the plans. Riser pipes are protected at ground level by a concrete structure. A 12-inch diameter discharge pipe connected by a tee and equipped with a stainless-steel flap gate permits flows to discharge from the riser and prevents accumulated surface water from entering the system. Discharge from the toe-drain system through the riser pipes will be auxiliary flows in the event of outlet blockage or failure and directed onto the concrete apron to prevent erosion at the riser. Access to the riser pipe is available through a 12" threaded PVC plug on top of the riser. The following table provides the approximate location of toe drain riser pipes. A construction detail illustrating the riser pipe construction is included in the project plates in Appendix B.

RISER PIPE LOCATIONS			
22+00	91+81	169+50	231+25
28+00	96+54	175+25	237+00
34+00	101+35	181+50	243+00
38+00	109+05	190+50	248+50
44+50	115+45	195+60	252+00
49+50	127+10	200+50	256+00
55+80	131+00	205+75	260+00
62+50	137+05	211+25	264+00
76+00	147+00	214+75	268+00
80+74	157+50	220+50	274+00
85+63	163+50		

### 2.8.2.5 Inspection Ports/Clean-Outs

Inspection ports were installed approximately every 600 feet intermittently with the riser pipes to provide access to the toe drain system for future inspections. Inspection ports consist of a 24-inch PVC basin with 12-inch bell ends which connect to the toe drain pipe. Access to the toe drain system is available through a standard cast iron manhole. The following table provides the approximate location of inspection ports/clean outs. A construction detail illustrating the inspection port construction is included in the project plates in Appendix B.

INSPECTION PORT LOCATIONS			
20+00	83+00	149+00	213+00
26+00	88+55	153+50	219+00
32+00	99+20	159+50	230+00
36+00	103+65	165+50	236+00
40+50	112+10	171+50	241+00
52+40	118+00	177+50	245+00
58+05	123+45	188+50	256+10
60+50	129+50	198+55	262+00
66+00	135+05	204+00	267+90
77+00	145+00	209+50	272+00

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

## 2.9 CHANNELS AND FLOODWAYS

No permanent channel improvements were made along the Loup River as a part of the original flood protection project or subsequent improvements/alterations. The Loup River transports a substantial bed load composed mainly of fine sand by the project area during each high-water event. The resulting stream pattern is one where the principal or main channel changes locations and alignments rapidly and often. Channel conditions could develop which would prove detrimental to the levee project. Stone protection was provided at selected locations on the face of the levee and along the existing stream bank line. Future channel changes may require additional bank protection at other locations or some channel restoration work if appropriate.

## 2.10 MISCELLANEOUS FACILITIES

Pertinent Miscellaneous Facilities for this project include: approaches, access ramps and turnouts; drainage ditches; riprap; surfacing and bar gates.

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

### 2.10.1 APPROACHES, ACCESS RAMPS, AND TURNOUTS

Approaches and access ramps are built to provide entry to the levee system for operation and maintenance purposes. Secondly, they provide access to channels for maintenance purposes. The turnouts on the levee crest are provided to allow the passing of maintenance and flood fighting equipment.

Ramp No.	Levee Station	Ramp Direction	Ramp Note
1	20+10	LT/RT	
2	44+75	LT/RT	
3	57+00	LT	
4	81+00	LT/RT	
5	91+00	LT/RT	
6	142+00	LT	Pawnee Park trail system
7	144+50	RT	Pawnee Park trail system
8	147+00	LT	Pawnee Park trail system
9	156+50	LT	Pawnee Park trail system
10	211+10	LT/RT	
11	224+13	RT	
12	239+45	RT	Quail Run Golf Course
13	254+00	LT	Quail Run Golf Course
14	254+26	LT	Quail Run Golf Course
15	254+67	RT	Quail Run Golf Course
16	256+56	RT	Quail Run Golf Course
17	259+17	LT	Quail Run Golf Course
18	264+40	LT/RT	Quail Run Golf Course

Sheet C0.5 in the 2010 Loup River Levee O&M Manual Project Plates (Appendix B) includes the location of the access ramps and turnarounds on the Loup River Flood Protection Project.

For more detailed information related to the aforementioned levee system features, reference the Project Plates.

### 2.10.2 DITCHES

Existing ditches were maintained to convey the interior drainage water to and away from the drainage structures. Some were located landward of the levees and others across the foreshore to the Loup River channel.

### **2.10.3 RIPRAP**

Riprap protection was provided through bridge openings, at drainage structure outlets and at other locations along the improved channel where predicted stream velocities or existing soil conditions indicate that additional bank protection is required.

### **2.10.4 SURFACING**

Crushed rock and/or concrete surfacing was placed on levee crowns, road ramp crossings, access ramps and turnouts to provide ready access under adverse conditions for flood fighting and operation and maintenance activities.

### **2.10.5 BAR GATES**

Bar gates and fencing have been installed at appropriate locations to help prevent trespassing of unauthorized vehicles.

## **SECTION 3 - MAINTENANCE AND NON-EMERGENCY OPERATION**

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This section is intended to cover the maintenance requirements for each component of the levee system. The local Sponsor is responsible for providing the maintenance and inspection required to ensure the levee is functional in the time of need. The following routine maintenance activities should be accomplished on a regular and continual basis. A Maintenance and Inspection Requirements checklist is provided in to Section 4 – Inspections Overview. This checklist offers a summary of maintenance and inspection requirements along with the necessary frequency of completion for each requirement. Additional information on general operation and maintenance of the levee system is provided in the Levee Owner’s Manual in Appendix C.

### **3.1 LEVEE EMBANKMENT**

Levee embankment includes all earthen embankments and appurtenances that comprise the raise necessary to maintain riverine water levels during a flood event.

#### **3.1.1 EXTERMINATE BURROWING ANIMALS AND REPAIR DAMAGES**

Maximum attention should be given to this item as such activities may not be readily detected without a thorough inspection. Habitats and underground pathways created by gophers, muskrats, or other burrowing animals can and have led to rapid levee failures. Inspections to detect the possible presence of activities is generally most effective immediately following mowing of the levee.

#### **3.1.2 LIMIT ACCESS**

All access ramps, turnouts and the levee crown should be inspected to assure the Sponsor that they are in a suitable condition to support needed travel during wet periods. They may require the addition of surfacing material which has been lost or displaced due to any cause. Bar gates and fencing have been provided to help control unauthorized travel on the project. The Sponsor shall take whatever additional measures are needed to prevent damage due to such travel.

#### **3.1.3 RESTRICTIONS**

Cultivation, casual burning of vegetative cover, or unauthorized fencing shall not be permitted within the permanent right-of-way limits required for the construction of this project.

#### **3.1.4 MOWING**

Provisions shall be made for the routine mowing of grass and weeds on the levee and in other project areas which were seeded as a part of the project construction. If weed growth has been properly controlled by spraying, the grass may be allowed to seed out prior to mowing. No cuttings should be burned on the levee or other seeded areas. Fire will damage and often destroy the sod and expose the levee to erosion.

#### **3.1.5 CONTROL OF TREES, BRUSH AND WEEDS**

Weed and brush growth inaccessible to mowers should be removed by means of hand cutting or with an acceptable weed or brush controlling spray. The use of chemical sprays, etc. shall comply in every regard to prevailing local, state or federal laws, policies or regulations which are in effect at the time such actions are implemented. Agricultural chemicals (herbicides and/or weedicides) should be used with care, with

the primary objective to control undesirable vegetation with optimum safety to life. Special care should be taken to read, understand fully and follow explicitly all directions and warnings on chemical containers pertaining to personal safety, usage, dangers and precautions in mixing and applying the chemicals.

### **3.1.6 MAINTAIN AND PROMOTE GROWTH OF SOD COVER**

Areas barren of grass should be fertilized, seeded, mulched and given such care as necessary to establish a protective grass sod.

### **3.1.7 GRAZING**

Grazing by domestic animals shall not be permitted on the levee due to the probable damage to and loss of the protective sod cover.

### **3.1.8 REPAIR OF LEVEE**

Repair to areas of the levee which have settled, lost section, eroded or in any way require earthwork to restore the project to the original constructed condition, should be accomplished as soon as possible after such conditions develop. Particular attention should be given to the zoning of embankment materials when such repairs are made. The levee was provided with an impervious face constructed with cohesive fine-grained soils obtained from borrow areas several miles from the site of the levee. The majority of these materials were obtained from a borrow area located north of Columbus. This was accomplished by excavating a riverward trench and backfilling with compacted impervious materials.

Should any of the riverward face become damaged to the point that additional embankment is required to restore the section, impervious material will be required. The impervious riverward facing serves two major functions intended to maintain the reliability of the levee.

- The natural bed sands, of which the majority of the levee section is constructed, are very pervious allowing a rapid movement of water through them with only moderate to low head differentials. The impervious facing effectively seals the embankment against such excessive water movements so long as it remains intact.
- The second major function of the impervious facing is that it provides a riverward zone of material which is far more resistant to erosion than is the uniform fine-grained sands of the Loup River Valley. The surface of the impervious face also provides a better seed bed for the establishment of an adequate sod protective cover.

The importance of maintaining and rapidly repairing damage to the impervious riverside zone cannot be overstated. Less of this zone at a single location could well lead to the rapid removal of the remainder of the levee section by either through seepage or stream erosion. Thorough inspections should be made continuously during periods of high river stages and immediate steps taken if erosion should become evident.

Plastic sheeting anchored with sandbags has proven to be an effective and rapid method to control surface erosion. Limestone riprap was placed at locations on the levee face and along the existing stream bank line where, at the time of project construction, the greatest need for erosion protection was in evidence. Critical locations identified during original design were restored with riprap. It is probable that other areas will develop during the life of the project which will require additional protection if the safety of the levee is to be assured.

### **3.1.9 REMOVAL OF DRIFT AND DEBRIS DEPOSITS**

Any accumulations of drift, debris or similar objectionable materials found to be deposited along the levee crown and side slopes and underseepage control facilities should be removed and disposed of at suitable locations.

### **3.1.10 REPAIR DAMAGED OR DISPLACED RIPRAP**

Riprap that has been displaced, washed out or removed should be promptly replaced to retard bank or levee face erosion.

### **3.1.11 EXCAVATIONS**

Removal of impervious blanket materials or berms may endanger the levee because of increased chances of excessive underseepage problems developing. Any excavation, which may be proposed in the vicinity of the project levee, should be reviewed by the Omaha District Engineer through the Missouri River Project Office before it is allowed. That review may result in disallowing the proposed excavation or may impose certain restrictions which should be adhered to when allowing those activities. The areas to be monitored for excavation activities extends within 500 feet and 300 feet of the levee embankment on the landward and the riverward toe, respectively. Unauthorized excavations within those areas should not be permitted.

## **3.2 DRAINAGE STRUCTURES**

A suggested checklist for reporting inspections of the drainage structures is provided in Appendix D. One complete form should be used for each structure.

### **3.2.1 REMOVAL OF ACCUMULATIONS**

Drainage structures have been positioned to drain low areas landward of the levee or meet the grades of storm sewers which existed prior to project constructions. In most cases this places the bottom of the conduit near the Loup River channel bottom at normal flows. It is expected that some silting will occur in the structures and outlet ditches. Such accumulation of sand, silt, etc. will have to be removed as a normal maintenance item so the structures will drain the landward areas as intended

### **3.2.2 TOXIC AND/OR COMBUSTIBLE GASES**

Toxic and/or combustible gases may accumulate in manholes or other enclosed structures. No person should be allowed to enter such structures for any reason unless one or more persons are present outside to observe and provide assistance, should it become necessary. Devices which could cause ignition of combustible gasses should not be taken into such structures.

### **3.2.3 GATES**

#### **3.2.3.1 Flap Gates**

Automatic flap gates should be examined and oiled at least once every 90 days. Following the flood event in March 2019, significant sediment was deposited at the existing outfalls preventing the flap gates from opening. Future flood events will likely result in similar sediment depositions. An inspection of all flap gates should be made after each significant stream rise or gate operation caused by unusual interior

runoff. Any accumulation of trash or debris which might prevent opening or closure of the gate should be promptly removed.

### **3.2.3.2 Slide Gates**

Slide gates should be examined at least once every 90 days. During inspections the gates should be cleaned, lubricated and fully opened and closed to ensure that they will open easily and seat securely. The gate stem threads on slide gates should be cleaned and greased. The enclosed pedestal has been factory lubricated with a water-proof grease. Periodic pressure greasing with an acceptable lubricant should be made through the fittings provided on the gate lift assembly.

### **3.2.3.3 Lubricants**

The lubricant used should be a lithium base, water resistant, containing antioxidation, anticorrosion and extreme pressure additives, having consistency of NLGI-2. The following list of conforming lubricants is furnished for your ready reference. Other products are available or undoubtedly will be developed which would serve just as adequately as those listed. When the use of such other lubricants is considered, sufficient investigations should be made to insure they perform satisfactorily.

1. Alavian #1 – Shell Oil Company
2. Conoco Super Lube – Continental Oil Company
3. Mulifak EP No. 2 – Texaco Oil Company
4. Mobilux No. 2 – Mobil Oil Company
5. Litholine Industrial #2 – Sinclair Oil Company
6. Philube ASM – Phillips Petroleum Company

### **3.2.3.4 Gate Adjustments**

All gates were properly adjusted and trial operated when they were installed. Adjustments should not be required or made unless future inspections reveal that the gates do not seat properly. **Do not attempt to force contact of wedge blocks through excessive turning of the lift.** The following steps should be taken to adjust a manually operated gate.

1. Open the gate several inches, clear away debris, scale, loose paint, greases, etc., and clean and dry the matching faces of the gate and frame.
2. Lower the gate slide and seat the gate against the frame so that the faces match properly.
3. Adjust the individual wedge blocks against the gate wedges so that contact is made without excessive pressure.
4. With the gate properly seated, adjust the stop nut on top of the gate stem to make firm contact with top of lift and tighten the set screw on the stop nut.

The gate is then properly adjusted.

### **3.2.4 PAINTING**

Exposed metal surfaces shall be protected by covering or recovering with a coat of paint. Prior to painting ferrous metals, the surface to be painted shall be thoroughly cleaned of all dirt, loose paint, scale, rust, oil or grease and shall be thoroughly dry. The surface preparation is very important because painting cannot be expected to endure unless the surface is properly prepared. It is suggested that the Superintendent

contact the District Engineer for assistance and advice in the proposed methods of application and paint to use when painting becomes necessary.

### **3.3 UNDERSEEPAGE CONTROL FACILITIES**

The City of Columbus is required to make an annual field inspection of the underseepage control facilities to ensure that conditions are not allowed to develop which would adversely affect the proper functioning of the toe drain system. It is preferable to perform this inspection just prior to the normal spring high water season. A like inspection should be made following each high-water event in which the toe drain system is caused to operate. A sample copy of the maintenance check list is included as Appendix D. A report based upon the items outlined in that check list should be completed and copies furnished to the Omaha District Engineer as soon as possible after all facilities have been inspected. The individual features should be maintained as outlined in the following paragraphs. Technical assistance may be obtained from the Omaha District Office if conditions develop which are not covered by these instructions.

#### **3.3.1 PERFORATED TOE DRAINS**

In order for the toe drain system to function properly and provide the required degree of pressure relief, it is essential it be kept free from accumulations of sand, silt or other material within the pipe system which would retard free flow. At least once each year the amount of such material should be determined by visual inspections of all manholes and examination of a sufficient number of riser pipes and/or inspection ports to assure that possible accumulations, which may be visible at manholes, are identified. One method of making measurements at risers/inspection ports is a steel rod used as a probing device. If measurements or observations determine that the pipe has accumulated two inches or more of sediments or other materials, the system should then be cleaned. One suggested method of cleaning is the use of equipment commonly used for cleaning small size sewer systems. Flushing with clean water delivered by a high-pressure hose will probably be required to transport the loosened material to a point it can be extracted from the system. A suction pump may be found to be useful in removing materials. Cleaning can be best accomplished at a time when the water table is of sufficient height that static water is standing in the perforated drain pipe.

#### **3.3.2 OUTLET DRAINS**

Outlet drains should be kept free of sand, silt or debris that might collect in them. Of special importance is keeping the automatic flap gates in a clean and operable condition. The hinge points of each flap gate should be well lubricated during each inspection while working the gate by hand to ensure that it will open easily and close securely. The attaching bolts between the gate frame and flange at the end of the outlet drain should be maintained in a condition that they can be easily removed to facilitate cleanout of the pipe. In the case that the outlet pipe discharges to the City storm sewer system, the receiving manhole should be inspected for an accumulation of sand, silt or debris.

#### **3.3.3 RISER PIPES/INSPECTION PORTS**

Riser pipes and inspection ports should be kept free of sand, silt or debris that might collect in the pipes, ports or concrete pits. Automatic flap gates associated with riser pipes should be checked to ensure they properly function and seal. Any accumulation of sand, silt or debris which might prevent opening or closure of the gate should be promptly removed. Inspection of riser pipes and inspection ports should include an evaluation of the structural integrity of the encasement.

Riser pipes should be monitored during periods of high flows on the Loup River. If flows are observed through the pipes, a thorough inspection should be performed of the primary outlets, once feasible.

#### **3.3.4 MANHOLES**

Precast concrete manholes have been provided with cast iron frames and covers, cast iron steps, and a concrete floor. Any accumulation of sands, silts or debris found present on the manhole floor should be removed to prevent their possible movement into other parts of the system. The cover bolts should be well lubricated at the time of each opening or at least once a year as a minimum.

### **3.4 CHANNELS AND FLOODWAYS**

The maintenance requirements for channels and floodways are outlined under subparagraph 208.1(G) 1) of the regulations.

After each high water or flood the channel and foreshore should be inspected to determine what maintenance is required. Trash and debris deposited on the foreshore, around drainage structures or under and around bridges should be removed as soon as possible. The practices and maintenance described under Section 3.1.2 through 3.1.7 for levee maintenance shall also apply to maintenance of the foreshore within the project right-of-way. It is suggested that inspections concerning the channel and foreshore area be included with the levee report – See Exhibit D.

### **3.5 MISCELLANEOUS FACILITIES**

#### **3.5.1 APPROACHES, ACCESS RAMPS, AND TURNOUTS**

All access ramps, turnouts and the levee crown should be inspected to assure the Sponsor that they are in a suitable condition to support needed travel during wet periods. They may require the addition of surfacing material which has been lost or displaced due to any cause. Bar gates and fencing have been provided to help control unauthorized travel on the project. The Sponsor shall take whatever additional measures are needed to prevent damage due to such travel.

Due to an existing agreement with the City several homeowners in the Whitetail Estates neighborhood have access to ramps and have been known to utilize ATV's to access property on the riverside of the levee. Special attention should be paid to these ramps to ensure that ATV traffic does not damage or impact the ramp or levee embankment.

#### **3.5.2 DITCHES**

Ditches in the protected area are necessary to carry runoff to the drainage structures. These ditches can become clogged with silt and debris. After each flood or heavy rain they should be inspected and the necessary clean out work performed to maintain adequate ditch capacity.

#### **3.5.3 SURFACING**

Aggregate for levee top surfacing should be bladed when necessary to maintain proper drainage and to fill ruts and keep the levee top in shape for use in case of floods. Additional surfacing material should be added when necessary to maintain an adequate traveling surface. If additional surfacing is necessary in the future, "3/4" Crusher Run – Limestone" or similar material is recommended.

## SECTION 4 - INSPECTIONS OVERVIEW

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### 4.1 GENERAL

The Code of Federal Regulations forms the basis for the O&M requirements outlined in this manual.

### 4.2 INSPECTIONS

The Sponsor is required to conduct inspections at various specified intervals and after high water events as described below in Section 4.5. The Sponsor is required to document all inspections in writing unless otherwise stated.

### 4.3 INSPECTIONS SCOPE

Any inspection of the levee system should include all features and components of the system within the defined levee project right-of-way including, but not limited to the levee embankment, channels and floodways, drainage structures, underseepage management features, closure structures, embankment protection, etc. The Sponsor also needs to carefully monitor the levee tie-offs and review them as part of any inspection to ensure that they continue to provide a suitable tie-off for the levee system. Access to the levee should also be assessed during inspections.

### 4.4 INSPECTION AND CHECKLISTS

Comprehensive checklists covering the maintenance and operation of the levee system are included in Appendix D and should be utilized as detailed in Section 4.5. Proper use of these checklists will help ensure that all pertinent project features are being monitored, maintained and operated appropriately. As noted in Section 1, the Levee Owner's Manual for Non-Federal Flood Control Works is provided in Appendix C. This document provides guidance on how to inspect levees and identify deficiencies.

### 4.5 SCHEDULED INSPECTIONS

Inspections shall be conducted at intervals as specified below and or as scheduled by the City.

#### a. Routine Maintenance Inspections

The Sponsor is required to perform routine maintenance inspections. These inspections are cursory or general type inspections and will be performed at the times specified below:

- Prior to the beginning of the major flood season
- Immediately following each major high-water period
- In the absence of high water, at intervals not exceeding 90 days
- At intermediate times as necessary

The summary inspection form provided in Appendix D should be completed to document these inspections. The separate inspection checklists also provided in Appendix D do not need to be completed, but should be used as guidance for this type of routine maintenance inspection. Should there be any notable observations; the relevant sections of the checklist should be completed to

further document the observations. Items requiring corrective action shall have a plan of action defined to ensure maintenance or repairs are completed by the next scheduled inspection. If maintenance or repairs cannot be completed prior to the next scheduled inspection, a timeline for completion should be in place. Any items requiring maintenance or other corrective action will be documented at that time and then included in the annual inspection report.

Completion of an annual inspection, periodic inspection, or post-flood inspection and performance assessment can count as a routine maintenance inspection.

The following Maintenance and Inspection Requirements checklist offers a summary of maintenance and inspection requirements along with the necessary frequency of completion for each requirement. Adherence to the requirements in this checklist will aid the Sponsor in fulfilling their operation and maintenance responsibilities.

#### **b. Annual Inspections**

The USACE and the Sponsor will jointly perform an annual inspection of the levee system under the lead of the USACE. The USACE will assess the levee system at this time to confirm that the Sponsor is maintaining and operating the project in accordance with the regulations set forth in the Code of Federal Regulations, requirements set forth in this manual, and other applicable guidance and requirements. Required maintenance such as mowing shall be completed in preparation for annual inspections. In the event that the USACE cannot participate in the annual inspection, the Sponsor is required to perform the annual inspection independently. If this is the case, the Sponsor should complete the inspection checklists provided in Appendix D.

#### **c. Periodic Inspections**

The USACE and the Sponsor will jointly perform Periodic Inspections of the levee system under the lead of the USACE. Periodic inspections will be conducted by the USACE and the Sponsor every five (5) years. The Sponsor will be required to provide supporting information, documentation and inspections (i.e., drainage structures, toe drain) as a part of the periodic inspection.

Periodic inspections are more thorough than annual inspections and entail a detailed evaluation of all aspects of the project and an assessment of project performance. The periodic inspection and subsequent report serves as a permanent record and reference during the life of the project. Each report will evaluate the separable project features and compare them to the originally designed and constructed conditions. Specific recommendations will be made in regard to the repair or replacement of items needed to maintain the project's integrity.

Periodic inspections will be performed after the levee has been mowed to allow for thorough observation of all project features.

#### **d. Post-Flood Inspections and Performance Assessment**

An inspection shall be conducted immediately following a flood event to identify any damages that may have occurred and to document and assess the performance of the levee system. This inspection shall be conducted by the Sponsor utilizing any necessary assistance from the USACE or other professional engineers. The inspection checklists provided in Appendix D should be completed. Any items requiring maintenance or other corrective action will be documented at that time and then included in the annual inspection report. In addition, the report should include discussions regarding

flood warning effectiveness, flood fight surveillance activities, flood fight efforts, operation of closure structures, any operational issues, areas of concern, and lessons learned. Any areas of seepage, boils, sliding, erosion, low areas, or other problems that were observed should be documented by project stationing, pictures, drawings, etc.

#### **e. Special Inspections**

**e.i. Other Significant Events.** An inspection shall be conducted immediately following any other event or activity, such as construction within the critical area of the levee that has the potential to adversely impact the levee. The inspection checklists provided in Appendix D should be used to aid inspection and completed where relevant. Any items requiring maintenance or other corrective action will be documented at that time and then included in the annual inspection report. If a special inspection is conducted following an improvement or alteration to the levee, the inspection should include ensuring that all documentation outlined in Section 1 has been completed.

**e.ii. Culverts, Discharge Pipes Inspections.** Inspections shall be conducted by the Sponsor on all culverts or pipes that are located within the levee embankment. These inspections shall be conducted either by a visual inspection or by the use of remote video equipment at a minimum frequency of every five years. Inspection reports for each of the culverts or pipes should then be included in the subsequent annual inspection or periodic inspection, as appropriate. See complete inspection requirements in Appendix D.

**e.iii. Toe Drain System** Inspections shall be conducted by the Sponsor on the toe drain system by the use of remote video equipment at a minimum frequency of every five years. Inspection reports for the toe drain system should then be included in the subsequent annual inspection or periodic inspection, as appropriate. See complete inspection requirements in Appendix D.

#### **4.6 USACE INSPECTIONS**

As outlined above, the USACE will participate in inspections and/or may conduct special inspections to review the condition of the levee system if it is in active status in the PL84-99 RIP. The USACE will prepare an inspection report for any such inspection. The USACE inspection report will govern with respect to the condition assessment and ratings of the levee system and/or components thereof. The USACE inspection reports and results will be utilized to determine continued eligibility in the PL84-99 RIP. The USACE preparation of inspection reports does not eliminate the Sponsor's responsibility to complete and submit an annual report, as outlined below, or to provide supporting information or documentation for inspections or other needs.

#### **4.7 SPONSOR REPORTING REQUIREMENTS**

The Sponsor shall submit an annual report to the USACE that documents the inspections that were conducted, maintenance efforts and costs, and other operation of the levee over the previous year. This is a reduction in the reporting requirements called for in the Flood Control Regulations for federally constructed projects. The annual reports should be furnished no later than the end of each calendar year and should include all logs of operations, dated copies of all inspection checklists, cover any permanent repairs made during the reporting period, include log of amendments made to the O&M during the

reporting period, and any other pertinent information. The annual reports will be sent to the USACE point-of-contact as listed in Appendix A and will also be placed in the Sponsor's permanent records.

#### **4.8 CORRECTING DEFICIENCIES**

Immediate steps shall be undertaken by the Sponsor to correct any dangerous or deficient conditions disclosed by the levee inspections. Repairs to the levee shall be accomplished by methods acceptable in standard engineering and construction practice and in conformance with the original design. Any repairs shall be coordinated with the USACE as outlined in Section 1.

#### **4.9 MODIFICATION REVIEWS**

The Sponsor shall maintain a log of all modifications to be made available to USACE inspectors during annual and periodic inspections. Visual site inspections can then be performed at the modification locations to identify any obvious non-conformance with standard levee construction practices.

## SECTION 5 - SECTION 5 – HIGH WATER EVENTS AND EMERGENCY OPERATION

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### 5.1 OVERVIEW

The levee system was originally designed and constructed to provide flood risk reduction to the City against flooding from the Loup River with minimum damage and inconvenience to the protected areas from the 1% annual chance exceedance probability flood. It must be noted that although this levee provides a high degree of flood risk reduction, it does not completely remove the threat of flooding to the protected areas. The fulfillment of the project design capabilities will require surveillance of the levee, channels, embankment tie offs, drainage structures, and all other appurtenances; implementation of the EPP; and the timely repair to any defective portion of the project facilities.

#### 5.1.1 EMERGENCY PREPAREDNESS PLAN

The EPP establishes procedures relevant to mitigation, preparedness, response, and recovery activities that lead to safe, effective management of the levee system. The EPP conveys procedures and processes that address emergency situations to ensure at-risk populations are aware of risks while being protected through a risk informed decision-making process. The EPP establishes actions for first responders during unusual levee-related events, as well as risk awareness communication measures aimed at proactively educating residents within the leveed areas.

The scope of the EPP is to address all areas established in the emergency management cycle. Specific topics addressed within the document include: roles and responsibilities; risk awareness communication; flood related warnings; evacuation protocols and routes; emergency levels and activations; flood fighting techniques and resources; and notification processes. The document represents a collaborative effort between the City as well as other local, regional, state, and federal resources that have a role related to the levee system. The EPP is provided in Appendix A.

#### 5.1.2 USACE EMERGENCY FLOOD FIGHT MANUAL

A list of practices that have been used during high water events to maintain existing levees are provided below and provided in more detail in the USACE Emergency Flood Fight Training Manual included in Appendix C.

### 5.2 PROJECT SURVEILLANCE DURING FLOODS

This section covers general project surveillance guidelines for the levee system during high water events.

### 5.2.1 GENERAL

When the potential for flood conditions develop and water is or may be against the levee system, the Sponsor must initiate monitoring and surveillance of the levee system and provide any operations or emergency actions necessary to maintain the levee system. The need for and level of surveillance required will be determined by the Sponsor. Upon receipt of official information forecasting the possibility of high water, the Sponsor should immediately notify, and if necessary, mobilize the emergency personnel. Emergency personnel should be provided the appropriate equipment (e.g., two-way radios, cameras, spot lights) to initiate surveillance of the levee system (the entire length of levee shall be included). Emergency personnel should be assigned to specific definitive portions of the levee system and immediately go to their assigned reach and make a detailed inspection giving special attention to the following:

1. Check communications with the Sponsor and team members (e.g., radio-checks).
2. Condition of the project features including channels, levees, grade control features, ditches, and any recent repair areas.
3. Conditions of drainage structures with special attention given to slide gates (are they closed) and flap gates, if accessible (are they blocked open allowing water into the protected areas?).
4. Condition of relief well areas and need for operation of relief well pumping facilities.
5. Water stages and any erosion occurring from the high water.
6. Accumulations of debris, trash, ice, etc. particularly at bridges.
7. Vehicular roads and access including levee crest roads, levee access ramps, bridges over the channels, and other applicable facilities
8. After the initial inspection, the emergency personnel will perform the following work as required:
9. Review the list of emergency materials, equipment, and contractors.
10. Locate necessary tools and materials and distribute and store tools and materials at points where active maintenance is anticipated.
11. Ascertain that necessary access roads along the levee are usable.
12. Fill holes, gullies, and washes in the levee crown and slopes.
13. Repair all gaps or depressions that have worked down below levee grade. Filling such depressions may necessitate using material from borrow pits or designated soil stockpiles. Any excavations

for the material should be kept at least 500 feet from the toe of the levee. This type of filling should be tamped in place and, if subject to wave wash, the new material should be faced with sandbags.

14. Examine all drainage ditches or swales on the landside of the levee and remove any obstructions.

Note that during flood stages, there may be limited vehicle access to the top of the levee in locations along the project. The Sponsor should document all locations not reachable by vehicle, noting length of restricted area and any obstacles such as power poles in the restricted area. Sandbags and/or other flood fighting equipment may have to be carried by small equipment or by hand to these areas.

### **5.2.2 LEVEE EMBANKMENT**

Earthen levee embankment is in potential danger whenever there is water against it. The danger increases with the height of water, the duration of the flood stage, and the intensity of either the current or wave action against the levee face. Consequently, constant surveillance is necessary during floods to detect the following potential threats to the integrity of the levee:

- Erosion;
- Sand boils or unusual wet area landward of the landside toe;
- Slides or sloughs in the levee side slopes;
- Wave wash or scouring of the riverside levee slope;
- Low areas in the levee embankment crown;
- Through seepage;
- Animal burrows.

Potential failures due these types or problems can be prevented if prompt action is taken and proper methods of treatment are employed. Surveillance of the levee should be initiated, at the latest, when water is on the levee embankments, preferably before this time based on sufficient warning time and Sponsor judgment. Surveillance frequency should be increased as water levels increase and should continue until flood stages have receded.

### **5.2.3 GRAVITY DRAINAGE STRUCTURES**

Because of their location, drainage structures are generally subject to inundation at lower stages than most other project features. Any trash, debris, or other potential obstruction present should be removed from the structure. All drainage structure flap gates should be inspected prior to the time when flood waters rise to the outlet invert elevation. If, for any reason, a flap gate fails to close and cannot be repaired because of high water, immediate consideration should be given to blocking the structure opening by other means. Blocking of the outlet end of the structure should be given first consideration if river or channel stages permit. Timber, metal plates, or a tarp covering held in place by sandbags are suggested methods of providing an effective temporary closure. If the efforts to plug the outlet end of the structure

fail, immediate action should be taken to build a sandbag or earth ring around the inlet end of the structure. While it is of utmost importance that the structures are blocked to prevent high stages of the river from flowing into the protected area, such emergency closures should be such that they can be readily removed after high-river stages recede.

## **5.2.5 UNDERSEEPAGE MANAGEMENT FEATURES**

### **5.2.5.4 Toe Drain System**

Surveillance of the toe drain system including collector pipe, risers, manholes and outlets should be conducted to monitor seepage flows and to identify any obstructions of flow within the collector pipe. Surveillance should also be conducted to identify developments of sand boils, cracks, depressions, settlements or other issues that may need repair.

## **5.2.4 CLOSURES**

### **5.2.4.1 Flap Gates**

Flap gates should be observed for proper closure to automatically prevent backflows. If debris is preventing the automatic closure of the flap gate, the debris should be removed as long as the safety of the situation permits. Floating ice or logs can severely damage or break a flap gate from the end of a drainage structure. If a flap gate is damaged or broken off during high flows, sandbagging the inlet on the landside would be required.

### **5.2.4.2 Slide Gates**

Slide gates should be closed at or before the time rising water reaches the outlet invert elevation of each drainage structure. Slide gates should be observed to achieve proper closure to prevent backflows. Surveillance personnel should look for leakages that may identify that a slide gate is not properly closed. If measures taken to close a slide gate prove futile, sandbagging the inlet on the landside would be required.

## **5.2.7 DRAINAGE DITCHES AND CHANNELS**

During floods, the drainage ditches and channels should be observed from the levee and bridge crossings. Large objects that become lodged against banks or bridges should be removed if possible as these obstructions to flow can result in higher river stages.

## **5.2.5 UTILITIES**

Utility infrastructure through or near the levee system present potential risks to the levee integrity, flood fighting and safety. For example, conduits pose a risk as potential seepage paths and pressurized pipes pose a risk for rupture that could lead to a material void and eventual collapse of levee embankment.

Surveillance at locations of utility infrastructure shall be conducted to identify developments of sand boils, piping, cracks, depressions, settlements or other issues that may need repair. Contact information for each utility is included in the EPP in Appendix A.

### **5.3 FLOOD FIGHTING AND EMERGENCY RESPONSE ACTIONS**

#### **5.3.1 EMERGENCY PUMPING**

During a flood event, the use of pumps may be necessary to control interior drainage and seepage through the levee. Interior drainage may back up within the interior of the levee due to slide gate closures or other discharge blockages such as pressure from river flows preventing flap gate operation. The City should utilize engine driven trash pumps to pump water from the interior of the levee over the levee to the exterior. If the circumstances of the water on the interior of the levee are major, the City can request assistance from the USACE who has access to larger capacity pumps.

#### **5.3.2 RAISING LOW REACHES OF LEVEE CROWN**

If an official weather forecast indicates the probability that river stages will approach or exceed the height of the existing levee, immediate attention should be given to raising low reaches of the levee crown. Several methods have been used successfully to accomplish levee crown raises (See EPP in Appendix A). The most common of these are:

1. Earth topping fill
2. Sandbag (sack) topping
3. Lumber and sack topping
4. Mud box topping

##### **a. Earth Topping Fill**

This method should receive first consideration in raising low reaches of levee provided the work can be accomplished in advance of the high water stages. Heavy hauling equipment should not be allowed on the levee when the water is high on the levee since weight and vibration might result in embankment failure. This is especially true of levees constructed with predominately sandy materials. Borrow areas should be located well back from the levee (500 feet landward minimum). If available, borrow should come from areas comparable in height to the top of the levee. A moist impervious material is preferable to sand for accomplishing the raise. Existing or newly constructed ramps of adequate grade and section should be used for access to the levee top. Travel up and down the levee side slopes should be avoided. Elevation control should be established prior to beginning the filling operation and a continuous check made to ensure that settlement that may be caused by the added weight and hauling activities is not reducing the effectiveness of the desired crown raise. If it is determined that significant settlement is occurring, the earth fill operation should be abandoned in

favor of a method that would cause less weight, especially live weight, to be applied to the levee structure. The following sections provide some examples of those methods.

#### **b. Sack Topping**

A sack topping constructed of partially filled sandbags is a quick and effective method of raising low reaches (see EPP in Appendix A). This is particularly true where the reach or reaches are relatively short and the required raise is three feet or less. Sacks should be lapped at least one third either way and should be well tamped and packed into place. Even a properly constructed sandbag topping will allow a considerable amount of seepage through the sandbags if river or channel stages rise above the top of the levee. Plastic sheeting placed and secured over the riverward sandbags has been used to reduce this type of seepage to an acceptable amount. Through seepage should not be allowed to pond and soak into the levee crown because of the weakening effect saturation has on embankment strength. Small ditches or drainage ways should be provided at exit points using hand shovels to provide a discharge channel for the water. The ditches or drainage ways must be constructed in a manner that minimizes scour of the levee side slope. The ditches will require monitoring to determine if excessive scouring is occurring and should be repaired as needed. Sack topping is generally used when it is expected that the topping would be required to hold back water depths of 18 inches or less.

#### **c. Other**

Several commercially available temporary flood barrier products exist that can be used. These products can be used to raise limited low areas of a levee or to raise entire reaches. Since these are manufactured products, they would need to be ordered by the Sponsor well in advance of need and appropriately stored for potential future use. The USACE does maintain a limited supply of such products that may be provided to local communities during severe flooding. For more information, contact the USACE (See EPP in Appendix A).

### **5.3.3 SAND BOILS**

#### **5.3.3.1 Description**

A sand boil develops when a definite stream of seepage water issuing from the earth landward of the levee is moving soil particles. Usually, but not always, a sand boil emerges near the landward toe of the levee. Boils result from a combination of factors and present a significant threat to the integrity of the levee. When river or channel side water heights are such that the levee is holding back water from the protected areas, water pressure exerted by the higher river or channel side stages will tend to move water landward through the foundation soils. The movement of water will be through the zone(s) of least resistance, which are typically sands and gravels. If the pressure is great enough, the water will erupt or “boil” from the ground surface on the landward side of the levee as it tries to reach an equilibrium point. This is commonly referred to as a “quick” or “quick sand” condition. Boils may discharge relatively clear water that indicates the velocity of the underseepage water is not great enough to move the soil materials through which the water is flowing. A much more serious condition exists when the water discharging from a boil is dirty (i.e., contains quantities of soil particles). This indicates that seepage waters are removing soil from underneath the levee. Boils may grow from small to large very quickly, and boils that

begin by discharging clear water may suddenly develop into a condition where soil particles are being carried with the seepage flows.

Unless corrective actions are taken, a solution channel or pipe may develop and enlarge to the point where the levee could fail. Early treatment of sand boils that are found to be transporting soil materials is the best insurance against development of a piping condition.

### **5.3.3.2 Sandbag Ring Levees**

The most common and accepted method of treating sand boils that are displacing soil particles is to construct a ring of sandbags (sacks) around the boils. (See EPP in Appendix A). The purpose of the sandbag ring is to contain the underseepage flows until a sufficient head of water is built up to counterbalance the upward pressure and prevent further movement of soil particles. Treated areas should be kept under constant surveillance until the high water recedes. The condition at each sand boil or area of sand boils will dictate the dimensions and shape of the sandbag ring. The proper procedures for constructing a sandbag ring around a boil(s) are detailed in the EPP for this project.

An alternate method in lieu of ringing boils with sandbags is to ring boils with corrugated steel interlocking sheet piling. Using steel sheet piling accomplishes the same task faster than sandbagging, but is limited in use by the availability of material, equipment, and the location of boils.

Any basement or similar depression in the vicinity of the levee should be closely watched for heaving of floors, caving of walls, and boil activity. It may become necessary to support basement walls or weight down basement floors to prevent walls from caving in, piping, or excessive seepage.

### **5.3.3.3 Seepage Berms**

Along levee stretches where numerous boils are present and the size of the area and number of the boils make it impractical to construct ring levees, the construction of emergency berms have proven to be effective. A fine to medium sand is the most effective material for the construction of berms. Sand is fine enough that it will limit the migration and loss of foundation material due to boil activity, yet pervious enough that it will allow for pressure relief within the berm area. A geotextile filter could also be used for this purpose by placing the geotextile on the ground surface over the top of boil areas, and then placing berm material over the top of the geotextile. Placement of the berm should start at the toe of the levee and against the landside slope of the levee and extend landward of the boil field area. The footprint of the berm should be approximately 25-feet beyond the boil activity, landward and parallel to the levee alignment. The thickness of the berm would typically be 3-5 feet.

#### **5.3.4 SLOUGHING OR SLIDING**

During periods of high water, seepage conditions through the levee may develop which can lead to the instability and failure of the landward slope. Normally, early treatment of saturated areas as discussed below can prevent serious sloughing or sliding conditions from developing. If the landward slope of the levee becomes saturated and sand boils are not in evidence, the seepage water should be drained away from the area to the nearest drainage ditch or sump located well away from the levee, if possible.

##### **5.3.4.1 Brush Mattress**

A brush mattress is the most common treatment of a seepage area that appears to have the potential of developing into a slough or slide. A layer of willow brush, small trees, or limbs should be placed in a single layer up and down the slope. The butt ends of the individual branches are placed up slope and the top ends are placed down slope taking care not to have the butts even. The brush mattress should extend several feet landward of the toe of the levee. If the slope begins to slough down, a heavy pole should be laid on top of the branches at the toe of the slope and fastened to long stakes that have been driven several feet into the ground. Sandbags should be placed on top of the pole and brush in a manner shown in the exhibit (see EPP in Appendix A). Sandbags should be placed in the shape of a small berm at the toe of the levee. The sandbags should extend up the levee slope as required to hold the brush in place, but not more than two-thirds of the distance from the toe of the slope to the top of the saturated area. Walking and working on the levee slope during high water conditions should be kept to a minimum because these loads on a soft slope may induce and/or aggravate sloughing or sliding. Generally, three or more layers of sandbags are used to form a short landside berm. Two or more layers of sandbags are placed on the lower part of the slope with a lesser load applied as the treatment progresses up the slope. Sandbagging is again generally limited to the lower two-thirds of the saturated slope.

#### **5.3.5 THROUGH SEEPAGE**

During periods of high water, seepage conditions through the levee may develop which can lead to the instability and failure of the landward slope. Normally, early treatment of saturated areas as discussed below can prevent serious sloughing or sliding conditions or the piping of levee materials from developing. If the landward slope of the levee becomes saturated and sand boils are not in evidence, the seepage water should be drained away from the area to the nearest drainage ditch or sump located well away from the levee, if possible.

There are two methods that have proven to be successful in controlling the effects of excessive through seepage. An emergency seepage berm can be constructed along the landside slope of the levee as discussed in Section 5.3.3.3. Although a sandy material is preferable for this application during a high water event, cohesive (clay) materials or other soil types can be used if more readily available during an emergency situation. For this application, the berm would be 5-10 feet wide, extend up the slope to a point above the line of through seepage, and extend upstream and downstream of the affected area.

The second method would consist of constructing a small berm out of sand bags. Sandbags should be placed starting at the toe of the levee and working up slope. Generally, three or more layers of sandbags are used to form a short landside berm along the lower portion of the levee, with the sandbag layer thickness decreasing towards the top of the slope. Sandbagging should extend up the slope to above the line of through seepage. Walking and working on the levee slope during high water conditions should be kept to a minimum because these loads on a soft slope may induce and/or aggravate sloughing or sliding.

### **5.3.6 WAVE WASH AND SCOUR**

The potential for wave wash should be considered in advance of a flood and assemble a reserve supply of materials provided close to locations most likely to experience such damage. Materials such as plastic sheeting, cotton or burlap bagging, brush, lumber, stakes, sandbags, rock, and wire should be located and delivered to the project if the necessity arises. During periods of high water, especially when combined with high wind and/or ice, the potential for rapidly developing damage will be present. When such conditions are present, an ample labor force should be assembled to patrol and identify the beginnings of scour, washouts, or beaching.

Wave wash causes scour or beaching along the riverward slope of the levee. Several methods of protecting the levee against wave wash are shown in the EPP provided in Appendix A. Early effective treatment is important. If the river is rising and revetment construction or sacking cannot be placed effectively, snow fence or plastic sheeting along the levee slope placed partially submerged also has proved effective against wave wash. Wave wash may also be effectively checked using movable panels constructed of lumber. These panels are anchored in place on the levee slope with stakes and are weighted down with sandbags (See EPP in Appendix A).

### **5.3.7 ANIMAL BURROWS**

During a flood event, any areas along either side of the levee with animal burrows present a significant risk to the performance of the levee. On the riverside slope of the levee, animal burrows create a location where seepage through the levee can initiate. On the landside slope of the levee, an animal burrow may provide an exit point where through seepage will concentrate and start moving levee material, thus leading to failure of the levee system. It should also be noted that even if excellent rodent control and levee repair practices are in place, a levee may be subject to increased rodent activity during a flood event due to animals being forced out of the floodplain areas to higher ground.

If animal burrows are encountered, the quickest and most effective method of eliminating the seepage and piping conditions created by the burrows has been to pack the rodent holes with bentonite. Bentonite can be purchased in pellet or powder form. As water reaches the bentonite, the bentonite will swell and seal the hole.

### **5.3.8 ADDITIONAL FLOOD FIGHTING AND EMERGENCY RESPONSE INFORMATION**

Additional information on flood fighting and emergency response can be found in the Emergency Preparedness Plan provided in Appendix A as well as the USACE Emergency Flood Fight Training Manual provided in Appendix C.

## SECTION 6 - GLOSSARY OF TERMS & ABBREVIATIONS

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### 6.1 GLOSSARY OF TERMS

<b>1% Annual Exceedance Probability Flood</b>	The flood that has a 1% probability of being equaled or exceeded in any given year. (1 percent annual exceedance probability flood is an alternative form of the expression '100 year' flood event).
<b>0.2% Annual Exceedance Probability Flood</b>	The flood that has a 0.2% probability of being equaled or exceeded in any given year. (0.2 percent annual exceedance probability flood is an alternative form of the expression '500 year' flood event).
<b>Accredited Levee</b>	A levee that the Federal Emergency Management Agency (FEMA) has shown on the Flood Insurance Rate Map as providing protection from the 1% or greater annual exceedance probability flood. This determination is based on the submittal of data and documentation as required by Section 65.10 of the National Flood Insurance Program regulations. FEMA will accredit a levee that has been certified by federal agencies with levee design and construction competence, such as U.S. Army Corps of Engineers (USACE), or by a registered professional engineer.
<b>Appurtenance/ Appurtenant Feature</b>	The associated works of a levee other than the embankment, such as inlet and outlet works; gatewell structures, flap gates, etc.
<b>As-Built Drawings</b>	Plans or drawings portraying the actual dimension and conditions of a dam, dike, or levee as it was built. Field conditions and material availability during construction often require changes from the original design drawings.
<b>Bank and Channel Stabilization</b>	The process of preventing bank erosion and channel degradation.
<b>Basin</b>	Drainage area of a lake or stream.
<b>Base Flood Elevation (BFE)</b>	The water surface elevation of the 1% annual exceedance probability flood.

<b>Boil</b>	A disturbance in the surface layer caused by water escaping under pressure from behind a water retaining structure such as a dam or a levee. The boil may be accompanied by deposition of soil particles (usually sand) in the form of a conical shaped mound (miniature volcano) around the area where the water escapes.
<b>Borrow Area</b>	The area from which material for a constructed embankment is excavated.
<b>Cavitation:</b>	Water on hydraulic structures where a high hydraulic gradient is present. Cavitation is caused by the abrupt change in direction and velocity of the water so the pressure at some points is reduced to the vapor pressure and a vapor pocket is created. The pockets collapse with great impact when they enter areas of higher pressure, producing very high impact pressures over small areas, which eventually cause pits and holes in the surface. Noises and vibrations may be evident during high flows.
<b>Channel</b>	A general term for any natural or artificial facility for conveying water.
<b>Clay (Clay Soil)</b>	Fine-graded portion of soil that can be made to exhibit plasticity (putty-like properties) within a range of water contents, and which exhibits considerable strength when air-dry. The term has been used to designate the percentage finer than 0.002 mm (0.005 mm in some cases).
<b>Community</b>	Any state or area or political subdivision thereof, or any Indian tribe or authorized tribal organization, or Alaska Native village, or authorized native organization that has the authority to adopt and enforce floodplain management regulations for the areas within its jurisdiction.
<b>Compaction</b>	The densification of a soil by means of mechanical manipulation.
<b>Conduit</b>	A closed channel to convey the discharge through, around, or under a levee.
<b>Corrosion</b>	The chemical attack on a metal by its environment. Corrosion is a reaction in which metal is oxidized.

<b>Creep</b>	Slow movement of rock debris or soil usual imperceptible except to observations of long duration.
<b>Critical Area</b>	Generally considered to extend from 300-feet riverward to 500-feet landward of a levee's centerline. In some instances, the critical area may extend beyond 500-feet landward if any impact on the levee can be identified.
<b>C.F.S. (Cubic Feet per Second)</b>	Also cfs. The amount of flow passing a given point in a stream channel. One cubic foot per second is equivalent to approximately 7.5 gallons per second.
<b>Digital Flood Insurance Rate Map (DFIRM)</b>	A Flood Insurance Rate Map (FIRM) that has been prepared as a digital product. Linkages are built into an associated database to allow users options to access the engineering backup material used to develop the DFIRM, such as hydrologic and hydraulic models, flood profiles, data tables, digital elevation models (DEMs), and structure-specific data, such as digital elevation certificates and digital photographs of bridges and culverts.
<b>Discharge</b>	Volume of a fluid that passes a given point within a defined period of time.
<b>Dispersive Clay</b>	Clays with an imbalance in the electrochemical forces between particles. This imbalance causes the minute soil particles to be repulsed rather than attracted to one another. Consequently, dispersive clay particles tend to react as single-grained particles and not as an aggregated mass of particles. Dispersive clays are most easily eroded by water that is low in ion concentration, such as rain water.
<b>Eligible Levee</b>	A levee categorized as "active" in the RIP, for which USACE can provide assistance under authority of PL 84-99 to repair damage caused by a flood event.
<b>Emergency</b>	A situation involving a natural or technological disaster that would result in an unacceptable hazard to human life, a significant loss of property, or significant economic hardship.
<b>Failure</b>	An incident resulting from the uncontrolled release of water from a levee, floodwall, or closure structure.

<b>Federal Emergency Management Agency (FEMA)</b>	The agency within the Emergency Preparedness and Response Directorate of the U.S. Department of Homeland Security. FEMA oversees the administration of the National Flood Insurance Program.
<b>Fines</b>	Portion of soil finer than a No. 200 United States standard sieve.
<b>Five Hundred-Year Flood (for FEMA certification)</b>	A median peak flood discharge having a 0.2% annual probability of being equaled or exceeded in any given year.
<b>Flap Gate</b>	Gate used to control flow automatically. When the water level on the back side of the gate (within the discharge pipe) rises above that on the face (riverside), the gate opens automatically to allow discharge. When water on the face of the gate rises above that on the back, the gate closes automatically to prevent backflows.
<b>Flood Control Work(s) (FCW)</b>	Structures designed and constructed to have appreciable and dependable effects in preventing damages caused by irregular and unusual rises in water level. FCW may include levees, channels, floodwalls, dams, and Federally authorized and constructed hurricane shore protective structures.
<b>Flood Crest</b>	The highest or peak elevation of the water level during a flood.
<b>Flood Damage Reduction Measures</b>	Structural and non-structural measures taken to reduce flood damage. These may include implementation of reservoirs, detention storage, channels, diversions, levees and floodwalls, interior systems, flood-proofing, raising, relocation, and flood warning and preparedness actions.
<b>Floodway</b>	The channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.
<b>Invert Elevation</b>	The lowest point of the interior of a conduit, pipe or tunnel.

<b>Flood-Frequency Curve</b>	A graph showing the relationship of the flood variable of interest (peak flow, peak stage, 3-hour volume, etc.) to the probability of the variable being equaled or exceeded in any given year.
<b>Flood Insurance Rate Map (FIRM)</b>	The insurance and floodplain management map produced by FEMA that identifies, based on detailed or approximate analyses, the areas subject to flooding during a 1% annual exceedance probability (100-year) flood event in a community. Flood insurance risk zones, which are used to compute actuarial flood insurance rates, also are shown. In areas studied by detailed analyses, the FIRM shows Base Flood Elevations (BFEs) to reflect the elevations of the 1% annual exceedance probability flood. For many communities, when detailed analyses are performed, the FIRM also may show areas inundated by 0.2% annual exceedance probability (500-year) flood and regulatory floodway areas.
<b>Flood Map Modernization (Map Mod) Program</b>	The multiyear program undertaken by FEMA to perform flood hazard assessments and produce new or updated DFIRMs and Flood Insurance Study (FIS) reports for flood-prone communities throughout the United States.
<b>Flood Plain</b>	A plain bordering a river subject to flooding.
<b>Flood Stage</b>	The water surface elevation of a river, stream, or body of water, above which flooding and damages normally measured with respect to a specific reference gauge. Flood stage is normally the level at which a river overflows its banks. Flood stage for any particular geographic area is unique to that geographic area.
<b>Freeboard</b>	The increment of levee height added to the design flood height to increase the likelihood of the design event being contained without the levee overtopping.
<b>Gravity Drainage Outlets</b>	(1) Outlets for gravity drains such as tiles, perforated conduits, etc., servicing an agricultural area and discharging into a drainage ditch. (2) Pipe, culvert, etc., used for dewatering ponded water by gravity.
<b>Head</b>	Differential of pressure causing flow in a fluid system.

<b>Headwaters</b>	(1) The upper reaches of a stream near its source. (2) The region where groundwater emerges to for a surface team. (3) The reach of water upstream from a structure.
<b>Left or Right Bank of River</b>	The left-hand or right-hand bank of a stream when the observer faces downstream.
<b>Levee</b>	An embankment, generally constructed close to the banks of a stream, river, lake, or other body of water, intended to protect the landside from inundation or to confine the stream flow to its regular channel.
<b>Levee Certification</b>	Levee certification is a technical finding that, for the floodplain in question; there is reasonable certainty that the levee system will contain the 1% annual exceedance probability flood (or FEMA BFE).
<b>Levee Certification Determination</b>	This determination is a technical finding that, for the floodplain in question, <u>there is, or is not</u> , a reasonable certainty that the levee system will contain the 1% annual exceedance probability flood. A ‘there is’ answer leads to certification, and ‘is not’ answer means certification is not supported.
<b>Levee De-accreditation</b>	The withdrawal of a levee certification statement, indicating that a levee previously certified is found to be no longer capable of containing the 1% annual exceedance probability flood (BFE).
<b>Levee Safety Officer</b>	The non-federal Sponsor responsible for the development and maintenance of all structures and facilities during flood periods and for continuous inspection and maintenance of the project works during periods of low water, all without cost to the United States. The Levee Safety Officer is also referred to as the Superintendent. The LPSNRD General Manager’s role includes the duties of Superintendent as defined.
<b>Levee System</b>	A levee system comprises one or more components which collectively provide flood damage reduction to a defined area. Failure of one component within a system constitutes failure of the entire system. The levee system is inclusive of all components that are interconnected and necessary to ensure protection of the associated separable floodplain – levee and floodwall sections, closure structures, pumping stations, culverts, and interior drainage works.

<b>Level-of-Protection</b>	The recurrence interval of the flood event beyond which the protection system capacity exceedance or failure results.
<b>Life Risk</b>	The threat to loss of life from failure of a flood protection system or feature. Life risk is often expressed as an annual probability vs. lives lost function or expected value of that function (annual lives lost), sometimes referred to as 'annual statistical lives lost.'
<b>Megger Test</b>	Test using an insulation resistance meter in order to verify condition of electrical insulation. These tests are used to test the insulation of electrical components of pump stations.
<b>Mean Sea Level (m.s.l.)</b>	The elevation of any object, relative to the average sea level datum.
<b>Monte Carlo Analysis</b>	A method that produces a statistical estimate of a variable of interest by drawing many random samples from a set of variables with associated uncertainty or relationships of interest with their associated uncertainty. The method is typically used when values for variables are uncertain and best described by appropriate probability distributions.
<b>Mouth of River</b>	The exit or point of discharge of a stream into another stream, lake, or ocean.
<b>National Flood Insurance Program (NFIP)</b>	Federal program under which flood-prone areas are identified and flood insurance is made available to the owners of the property in participating communities.
<b>Non-structural Measures</b>	Non-structural measures reduce flood damages without significantly altering the nature or extent of flooding. Damage reduction from non-structural measures is accomplished by changing the use made of the floodplains, or by accommodating existing uses to the flood hazard. Examples are flood proofing, relocation of structures, flood warning and preparedness systems (including associated emergency measures), and regulation of floodplain uses.
<b>One Hundred-Year Flood (for FEMA certification)</b>	A median peak flood discharge having a 1% annual probability of being equaled or exceeded in any given year.

<b>Overtopping</b>	A condition that occurs when the elevation of the still-water level and/or associated waves exceeds the top of the levee or system.
<b>Piping</b>	Progressive erosion and removal of soil by concentrated seepage flows through a dam, dike, or levee, its foundation, or its abutments. As material is eroded, the area of the pipe increases and the quantity and velocity of flow increase; these changes in turn result in the erosion of more material. The process continues at a progressively faster rate.
<b>Ponding Area</b>	An area reserved for collecting excess runoff preparatory to being discharged whether by gravity or by pumping.
<b>Public Safety</b>	Public safety involves the prevention of and protection from events that could endanger the safety of the general public from significant danger, injury/harm, or damage, such as natural and man-made disasters.
<b>Pump</b>	Fluid machinery that converts mechanical energy to fluid energy. This creates flow where gravity flow of a fluid is impractical.
<b>Pump Characteristic Curve</b>	Plot of a pump's head versus capacity.
<b>Pump Station</b>	Remove stormwater from areas where gravity drainage becomes impractical.
<b>Reach</b>	A levee reach is a portion of a levee system (usually a length of levee) that may be considered as a unit taken for analysis purposes to have uniform representative properties. A levee reach will be the unique entity having properties different than other reaches of the levee system and is used to determine the risk assessment of the levee system. No maximum length is associated with a reach.
<b>Rehabilitation and Inspection Program (RIP)</b>	A component of the Civil Emergency Management Program concerned with the inspection and rehabilitation of FCW's.
<b>Rehabilitation Project</b>	An action or series of actions focused on the repair of an active flood control work to return the FCW's level of protection to its pre-flood/pre-storm level.

<b>Relief Well</b>	Shallow penetrating vertical wells. Principal parts include a well screen section surrounded by a gravel filter pack which extends from the well bottom to approximately the top of the underlying pervious stratum. A solid riser pipe connects the screened section to the ground surface. A collector system or discharge pipes are provided on some wells. The remainder of the wells will overflow at ground surface or into collector ditches during high stream stages. Relief wells provide protection by reducing the water pressure of the pervious zones of the foundation. This pressure reduction reduces the possibility of sandboils and more safely manages excessive underseepage.
<b>Repair and Rehabilitation</b>	The terms "repair", "rehabilitation", or "repair and rehabilitation" mean the repair or rebuilding of a flood control structure, after the structure has been damaged by a flood, hurricane, or coastal storm, to the level of protection provided by the structure prior to the flood, hurricane, or coastal storm. The terms do not include improvements (betterments) to the structure, nor does "repair and rehabilitation" include any repair, reconstruction, or rehabilitation activities of a flood control structure, which, in the normal course of usage, has become structurally unsound and is no longer fit to provide the level of protection for which it was designed.
<b>Residual Risk</b>	The flood risk (probability of capacity exceedance or failure and the associated consequences) that remains after the flood damage reduction project is implemented.
<b>Return Period</b>	The average time interval, usually expressed in years, between occurrences of a hydrological event of a given or greater magnitude. It can be expressed by the reciprocal of the annual chance exceedance.
<b>Revetment</b>	A facing of stone, concrete, sandbags, etc., to protect a bank of ear from erosion.
<b>Riprap</b>	A layer, facing, or protective mound of randomly placed stones to prevent erosion, scour, or sloughing of a structure or embankment. The stone used for this purpose is also called riprap.
<b>River Basin</b>	A water resource basin in a portion of a water resource region defined by a hydrological boundary, which is usually the drainage area of one of the lesser streams in the region.

<b>Risk</b>	Measure of the probability and severity of an adverse effect to life, health, property, or the environment.
<b>Risk Analysis</b>	An approach to evaluation and decision making that is based on the probability of undesirable consequences. Often depicted conceptually as including risk assessment, risk management, and risk communications.
<b>Sand Boil</b>	The ejection of sand and water resulting from piping.
<b>Seepage</b>	The slow percolation of water through the levee embankment, its foundation, or the abutment. A small amount of seepage will normally occur for any levee that retains water.
<b>Seepage Berm (Blanket)</b>	Engineered fill material installed to provide downward weight to counteract the upward force of seepage pressure within the foundation material adjacent to the levee, which is where the pressure is highest. The engineered fill material also serves to lengthen the seepage path, which increases the flow resistance and decreases the seepage pressure in the area beyond the berm.
<b>Sediment/Silt</b>	Soil particles and debris in an impoundment.
<b>Separable Floodplain</b>	The portion of a floodplain that may be protected by its associated levee system that is unaffected by the performance or failure of adjacent levee systems.
<b>Shoaling</b>	A submerged mound or ridge of sediment in a body of shallow water.
<b>Slide</b>	The movement of a mass of earth or tailings down a slope.

<b>Slide Gate</b>	Also known as sluice gates; used to regulate flow through a drainage structure manually. Slide gates are either operated manually using a crank or wheel or operated with the aid of a motor such as a tractor power take off. Slide gates are normally used as a secondary or backup system to flap gates in the event that the flap gate would become lodged in an open position or damaged or broken off by ice or debris. Slide gates are used as a primary system if sufficient warning time is available to allow closure.
<b>Slope Protection</b>	The protection of the embankment slope against wave action and erosion.
<b>Slough</b>	The separation from the surrounding material and downhill movement of a small portion of the slope. Usually a slough refers to a shallow earth slide.
<b>Spalling</b>	Breaking (or erosion) of small fragments from the surface of concrete, masonry, or stone, under the action of weather, or abrasive forces.
<b>Special Flood Hazard Area (SFHA)</b>	The area delineated on a National Flood Insurance Program map as being subject to inundation by the FEMA BFE.
<b>Stage</b>	Water height measured as the vertical distance in feet (meters) above or below a local or national elevation datum.
<b>Stage-Discharge Function (alternatively 'Rating Curve')</b>	A tabular or graphical relationship that yields the stage for a given discharge at a specific location on a stream or river.
<b>Stage-Discharge Functions with Uncertainty</b>	Relationship of the water surface stage and discharge. Uncertainty is the distribution of the errors of stage estimates about a specific discharge.
<b>Structural Measures</b>	Those water resources project measures designed to modify the flow of flood waters.
<b>Subgrade</b>	The soil prepared and compacted to support a structure or a pavement system.

<b>Superintendent</b>	The non-federal Sponsor responsible for the development and maintenance of all structures and facilities during flood periods and for continuous inspection and maintenance of the project works during periods of low water, all without cost to the United States. The Superintendent is also referred to as the Levee Safety Officer. The LPSNRD General Manager's role includes the duties of Superintendent as defined.
<b>Total Dynamic Head</b>	Sum of the total static head and the friction and minor losses.
<b>Trash Rack</b>	A structure of metal or reinforced concrete bars located at the intake of a conduit inlet or waterway to prevent entrance of floating or submerged debris of a certain minimum size and larger.
<b>Tributary</b>	A stream or other body of water that contributes its water to another stream or body of water.
<b>Watershed</b>	The whole surface drainage area that contributes water to a collecting river or lake.

## 6.2 ABBREVIATIONS

<b>3H:1V</b>	3 Horizontal to 1 Vertical
<b>4H:1V</b>	4 Horizontal to 1 Vertical
<b>AEP</b>	Annual Exceedance Probability
<b>CEI</b>	Continuing Eligibility Inspection
<b>CMP</b>	Corrugated Metal Pipe
<b>CNP</b>	Conditional Non-Exceedance Probability
<b>CFR</b>	Code of Federal Regulation
<b>Corps</b>	US Army Corps of Engineers
<b>DFIRM</b>	Digital Flood Insurance Rate Map
<b>EC</b>	Engineer Circular
<b>EM</b>	Engineer Manual
<b>EP</b>	Engineer Pamphlet
<b>ER</b>	Engineer Regulation
<b>FEMA</b>	Federal Emergency Management Agency
<b>FIRM</b>	Flood Insurance Rate Map
<b>FIS</b>	Flood Insurance Study
<b>FPMS</b>	Floodplain Management Services (Program)
<b>FRMP</b>	Flood Risk Management Program
<b>HEC</b>	Hydrologic Engineering Center
<b>HEC-FDA</b>	Hydrologic Engineering Center – Flood Damage Reduction Analysis
<b>IPET</b>	Interagency Performance Evaluation Team
<b>ITR</b>	Independent Technical Review
<b>LB</b>	Left Bank
<b>LCR</b>	Levee Certification Report
<b>LIDAR</b>	Light Detection and Ranging
<b>LSO</b>	Levee Safety Officer
<b>Map Mod</b>	FEMA Flood Map Modernization Program

<b>MSL</b>	Mean Surface Level
<b>NFIP</b>	National Flood Insurance Program
<b>NWS</b>	National Weather Service
<b>O&amp;M</b>	Operations and Maintenance
<b>PI</b>	Periodic Inspection
<b>PL</b>	Public Law
<b>QA/QC</b>	Quality assurance/quality control
<b>RCP</b>	Reinforced Concrete Pipe
<b>RIP</b>	Rehabilitation and Inspection Program
<b>RB</b>	Right Bank
<b>USACE</b>	United States Army Corps of Engineers
<b>USC</b>	United States Code
<b>USGS</b>	United States Geological Survey

- Appendix A: Emergency Preparedness Plan (EPP)
- Appendix B: 2010 Loup River Levee O&M Manual Project Plates
- Appendix C: USACE Levee Owner's Manual and Emergency Flood Fight Training Manual
- Appendix D: Inspection Responsibilities, Checklists
- Appendix E: Key Reference Documents and Reports
- Appendix F: O&M Manual Addendums Guidance
- Appendix G: 2019 Flood Damage Report
- Appendix H: 2020 USACE Flood Damage Repair
- Appendix I: 1974 Operation and Maintenance Manual
- Appendix J: (Digital Only) Report of Geotechnical Investigation – Loup River Levee Accreditation Compliance Analysis; Columbus, NE (Mid-States Engineering & Testing)

All appendices are on file in Engineering Department.

4.G. Resolution No. R22-38 approving Loup River Levee Emergency Preparedness Plan.

**RESOLUTION NO. 22-38**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING THE LOUP RIVER LEVEE EMERGENCY PREPAREDNESS PLAN, A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

WHEREAS, the Loup River Levee is a federal levee meeting the requirements of the Federal Emergency Management Agency accreditation criteria as described in 44 CFR 65.10; and

WHEREAS, the Levee is part of the US Corps of Engineers Public Law 84-99 Rehabilitation and Inspection Program.

BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, that the Loup River Levee Emergency Preparedness Plan attached hereto and incorporated herein by reference be approved and the mayor is hereby authorized, directed, and empowered to execute the same on behalf of the City of Columbus, Nebraska.

This resolution shall repeal all resolutions or portions thereof in conflict herewith.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

The City of **Columbus**

**MEMORANDUM**

---

**DATE:** March 31, 2022  
**FROM:** Richard J. Bogus, P.E., City Engineer  
**TO:** Tara Vasicek, City Administrator  
**RE:** Loup River Levee Emergency Preparedness Plan

**RECOMMENDATION:**

I recommend approval of the Resolution for the Loup River Levee Emergency Preparedness Plan (EPP).

**DISCUSSION:**

The Lost Creek Levee is a federal levee upon which is inspected annually by the US Army Corps of Engineers (USACE).

This O&M Manual supersedes the previous manual published in 1974. The purpose of updating the O&M Manual is to meet the Federal Emergency Management Agency (FEMA) floodplain map accreditation criteria as described in 44 CFR (Code of Federal Regulations) 65.10. The Levee is part of the USACE PL84-99 Rehabilitation and Inspection Program.

The EPP establishes procedures relevant to mitigation, preparedness, response, and recovery activities that lead to safe, effective management of the Levee. The EPP conveys procedures that address emergency situations to ensure at-risk populations are aware of risks while being protected through a risk informed decision-making process. The EPP establishes actions for first responders during unusual levee-related events, as well as risk awareness communication measures aimed at proactively educating residents within the leveed areas.

FEMA levee accreditation requires the EPP be approved by the Local Public Agency, which is the City.

**FISCAL IMPACT:**

None

**ALTERNATIVE:**

Do not approve.

**SIGNATURE:**

By: Richard J. Bogus

Approved By: [Signature]

Columbus, NE  
Loup River Left Bank Levee System  
Emergency Preparedness Plan



February 2018

Revised March 2020



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## Record of Changes

The most current copy of this document, including any revised pages, is available from the City of Columbus's Engineering Department.

Change No.	Copy No.	Date Entered	Posted By
1	Original Copy	March 2020	R. Appleford, JEO

## Introduction

### Purpose

This Emergency Preparedness Plan (EPP) establishes procedures relevant to mitigation, preparedness, response, and recovery activities that lead to safe, effective management of the Loup River Left Bank Levee System (Levee System) located in Columbus, Nebraska. This EPP conveys procedures and processes that address emergency situations at the Levee System to ensure at-risk populations are aware of risks while being protected through a risk informed decision-making process. The EPP establishes actions for first responders during unusual levee-related events, as well as risk awareness communication measures aimed at proactively educating residents within the leveed areas.

By developing an EPP that addresses each phase of the emergency management cycle, the City of Columbus (City) is establishing a holistic approach in managing the Levee System. This is a living document and will require monitoring, updating, and exercising to ensure functionality.

### Authority

This plan is developed as a component of Levee System improvements the City has prioritized. A flood warning protocol is included in the plan that will be vital for emergency response activities as required in Federal Emergency Management Agency's (FEMA) 44 CFR 65.10<sup>1</sup>, as well as for the Levee System to maintain eligibility for federal assistance through the U.S. Army Corps of Engineers (USACE) Rehabilitation Program (Public Law 84-99). In addition, this plan is consistent with the requirements and protocols established by the Department of Homeland Security's (DHS) National Incident Management System (NIMS) and National Response Framework (NRF).

Furthermore, this plan recognizes the role of the Platte County Emergency Management Agency (PCEMA) under the Nebraska Emergency Management Act (Sections 81-829.36 to 81-829.75). The City has authority over the Levee System and will serve as a collaborator and subject matter expert during all levee-related emergency response events.

### Scope

The scope of this EPP is to address phases established in the emergency management cycle. Specific topics addressed within this document include: roles and responsibilities; risk awareness communication; flood related warnings; emergency levels and activations; evacuation protocols and routes; flood fighting techniques and resources; and notification processes. This document represents a collaborative effort between the City as well as other local, regional, state, and federal resources with roles related to the Levee System.

### Levee System Overview

The City of Columbus is located in eastern Nebraska's Platte County, and is situated on the left descending bank of the Loup River. The Levee System is a USACE federally-constructed levee system and is located along the left bank (LB) of the Loup River. The Levee System was constructed between 1972 and 1974. It is approximately 5.4 miles and includes 18,550 feet of underseepage toe drain and seven drainage structures. According to the USACE National Levee Database, the Levee System provides flood risk reduction for 1,718 acres of land ranging from farmland to developed residential, commercial, and

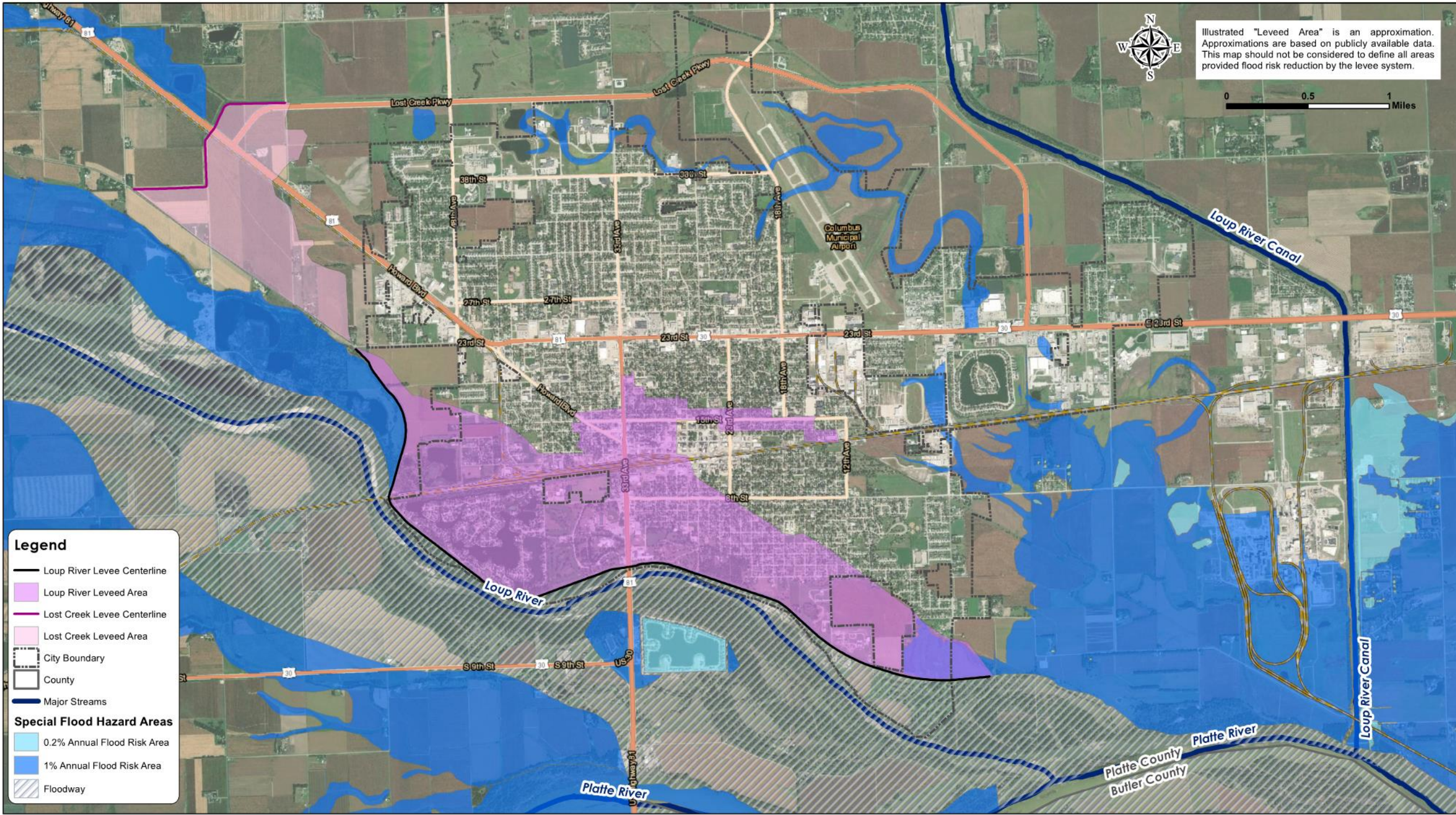
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<sup>1</sup> "Mapping of Areas Protected by Levee Systems," Section 65.10 of the National Flood Insurance Program regulations, dated October 1, 2006. This applies to the evaluation and mapping of levee systems and levee-impacted areas.

industrial land uses. A map illustrating the Levee System and the areas provided flood risk reduction by the Levee System is provided in Figure 1.

<b>Original Construction:</b>	1972 - 1974
<b>Sponsor:</b>	City of Columbus
<b>Approximate Levee Length:</b>	5.4 miles
<b>Approximate Leveed Area:</b>	1,718 acres
<b>Approximate Population At-Risk:</b>	3,665
<b>Total Buildings Impacted:</b>	1,599
<b>Property Value:</b>	\$318 million

Figure 1: Columbus – Loup River Levee System: Wide View



Created By: RJA  
 Date: 3/1/2020  
 Software: ArcGIS 10.4.1  
 Project: 21103 - Columbus EPP  
 File: Columbus\_Leveed\_rev2020.mxd

This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

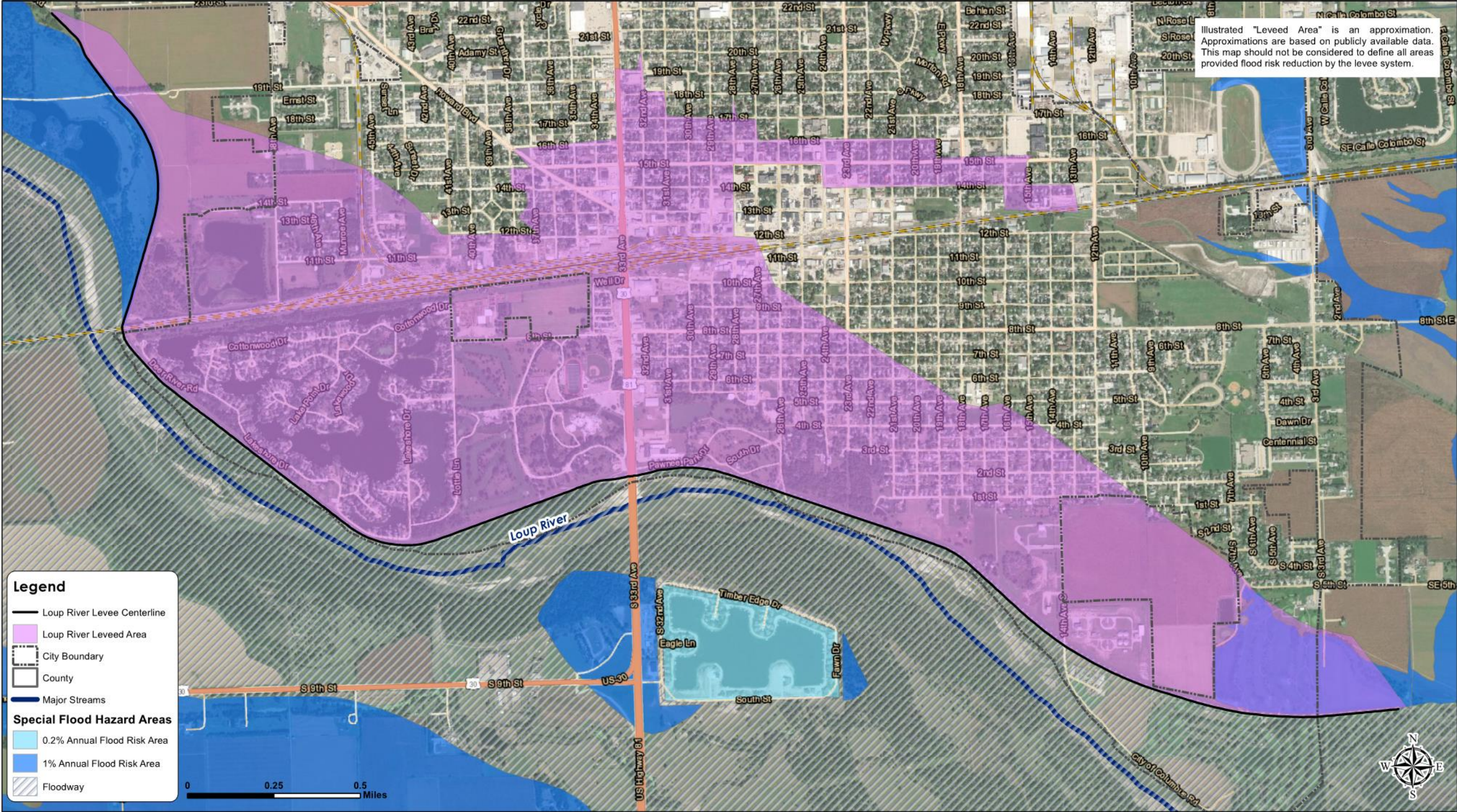


# Columbus - Loup River LB Levee System

Columbus, NE



Figure 2: Columbus – Loup River Levee System: Zoomed-in



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 Date: 3/12/2020  
 Software: ArcGIS 10.4.1  
 Project: 211D3 - Columbus EPP  
 File: Columbus\_Leveed\_rev2020.mxd

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# Columbus - Loup River LB Levee System

Columbus, NE



## Roles and Responsibilities

This section contains information related to the relevant agencies associated with the implementation of this plan. Not all agencies will be associated with all plan components. As a part of the overall process, the City must be in communication with a wide range of local, regional, state, and federal agencies and decision-makers to ensure associated risks and the condition of the structure are considered during planning processes. The following roles and responsibilities were developed collaboratively with the represented agencies and are based on local organizational structures. Roles and responsibilities will be structured by each phase of the emergency management cycle (mitigation, preparedness, response, and recovery). It should be noted that the implementation of the identified roles and responsibilities are contingent upon resource availability and a safe operational environment.

### CITY OF COLUMBUS (Levee Sponsor)

- Mitigation
  - Implement the Risk Awareness Communication Plan;
  - Implement Levee System improvements as identified;
  - Coordinate with partner agencies to ensure physical work projects (improvements, repairs, etc.) do not encroach upon the Levee System;
  - Review and update (as needed) the existing Operation and Maintenance Plan;
  - Procure and maintain equipment necessary for emergency response situations;
  - Participate in the updates of the Lower Loup Natural Resources District (LLNRD) Hazard Mitigation Plan; and
  - Meet with local and state first responders.
- Preparedness
  - Complete the EPP update and exercise requirements as established in this plan;
  - Distribute revised copies of the EPP to all who received copies of the original EPP;
  - Provide residents and businesses within the leveed areas information regarding individual preparedness efforts;
  - Identify and maintain sources for flood fighting resources and/or equipment;
  - Participate in trainings and conduct levee-related exercises as needed to ensure staff can effectively respond to emergency situations; and
  - Maintain the EPP and conduct emergency exercises on the schedule identified in this document.
- Response
  - Activate the EPP response based on established emergency levels;
  - Organize and deploy levee patrols as required by emergency level structure;
  - Obtain and prioritize the use of resources for flood fighting operations;
  - Serve as the levee subject matter expert in the Emergency Operation Center (EOC) and as a part of the Incident Command System (ICS) structure for in-the-field response efforts;
  - Implement flow charts and call trees as required by the EPP;
  - Provide updates to PCEMA and the National Weather Service (NWS) to assist them in making timely and accurate decisions regarding warnings and evacuations; and
  - Document the levee event as outlined in the EPP activation protocols (documents available in *Appendix E*).

- Recovery
  - Direct and participate in post-flood preliminary damage assessment specific to the Levee System;
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions;
  - Complete repairs to damaged critical components to restore risk reduction measures;
  - Document expenses associated with event response and recovery;
  - Assist in the development of the Disaster Recovery Plan; and
  - Work with state and federal agencies to recover local expenditures as appropriate.

### Mayor

- Mitigation
  - Assist in implementing the Risk Awareness Communication Plan and
  - Ensure City participation in the LLNRD Hazard Mitigation Plan.
- Preparedness
  - Participate in (or send designated representatives to) levee-related plan exercises.
- Response
  - Provide leadership during the emergency event and delegate authority as needed;
  - Participate in decision to evacuate at-risk populations; and
  - Participate in decision to terminate the emergency condition.
- Recovery
  - Provide leadership during recovery efforts;
  - Establish a long-term recovery team consistent with disaster recovery plans;
  - Make critical decisions related to long-term recovery;
  - Ensure City participation in long-term disaster recovery planning; and
  - Communicate recovery decisions to community stakeholders.

### City Administrator

- Mitigation
  - Assist in implementing the Risk Awareness Communication Plan and
  - Participate in the LLNRD Hazard Mitigation Plan.
- Preparedness
  - Participate in EPP exercises and updates as established in this plan;
  - Participate in review and update of EPP;
  - Participate in trainings as needed in preparation for emergency situations; and
  - Delegate authority as needed (during absence, vacation, etc.).
- Response
  - Have representation in the Platte County EOC as established in the EPP, Local Emergency Operations Plan (LEOP), and other department-specific preparedness/response plans;
  - Participate in decision to evacuate at-risk populations; and
  - Participate in decision to terminate the emergency condition.
- Recovery
  - Assist in post-event impact assessment and documentation and
  - Assist in the development of the Disaster Recovery Plan.

## City Engineer

- Mitigation
  - Assist in implementing the Risk Awareness Communication Plan;
  - Coordinate City projects located on/near the Levee System with other departments/utilities;
  - Review USACE and local levee inspections and take any action required; and
  - Participate in the LLNRD Hazard Mitigation Plan.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP and emergency management on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;
  - Participate in review and update of EPP;
  - Identify flood fighting resources and/or equipment;
  - Participate in trainings as needed in preparation for emergency situations; and
  - Delegate authority as needed (during absence, vacation, etc.).
- Response
  - Assess information or data for determination of emergency level;
  - Serve as primary contact responsible for coordination of levee-specific emergency actions conducted by City personnel;
  - Have representation in the Platte County EOC as established in the EPP, LEOP, and other department-specific preparedness/response plans;
  - Advise City staff of remedial actions to initiate a Level 2 event or lesser situation, if time permits;
  - Provide information and insights to inform evacuation decisions; and
  - Participate in decision to terminate the emergency condition.
- Recovery
  - Assist in post-event impact assessment and documentation and
  - Assist in the development of the Disaster Recovery Plan.

## Public Works

- Mitigation
  - Assist in implementing the Risk Awareness Communication Plan;
  - Coordinate City projects located on/near the Levee System with other departments/utilities;
  - Review USACE and local levee inspections and take any action required; and
  - Participate in the LLNRD Hazard Mitigation Plan.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP and emergency management on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;
  - Participate in review and update of EPP;
  - Identify flood fighting resources and/or equipment;
  - Exercise and train with local response agencies; and
  - Delegate authority as needed (during absence, vacation, etc.).

- Response
  - Close slide gates when the river reaches 9.5 feet (Action Stage) and is expected to continue rising to 10.5 feet (Flood Stage) or higher;
  - Monitor transportation routes that may be inundated or experience debris build-up during high water events;
  - Remove debris from bridges or impaired drainage structures;
  - Have representation in the Platte County EOC as established in the EPP, LEOP, and other department-specific preparedness/response plans;
  - Provide barricades and assist with road closures and traffic control;
  - Monitor equipment located within the potential inundation area;
  - Enact department response plan;
  - Implement facility preparedness/protection plan;
  - Provide information and insights to inform evacuation decisions;
  - Track utilized resources (people, vehicles, and equipment); and
  - Participate in decision to terminate the emergency condition.
- Recovery
  - Assist in post-event impact assessment and documentation and
  - Assist in the development of the Disaster Recovery Plan.

### Public Property Director

- Mitigation
  - Assist in implementing the Risk Awareness Communication Plan and
  - Participate in the LLNRD Hazard Mitigation Plan.
- Preparedness
  - Participate in EPP exercises and updates as established in this plan;
  - Participate in review and update of EPP;
  - Participate in trainings as needed in preparation for emergency situations; and
  - Delegate authority as needed (during absence, vacation, etc.).
- Response
  - Provide information to EOC regarding available park staff, closed parks, available flood fighting resources, etc.
  - Participate in decision to evacuate at-risk populations; and
  - Participate in decision to terminate the emergency condition.
- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

### Fire & Rescue Department

- Mitigation
  - Procure and maintain equipment necessary for emergency response situations.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;

- Conduct and/or participate in trainings related to water rescue techniques; and
  - Exercise and train with local response agencies.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Assess levee-related events and ensure safety of Fire Department staff during response efforts;
  - Assist as able with traffic control and road closures as necessary;
  - Assist as able with evacuation of potential inundation areas;
  - Assign staff to the Platte County EOC as required by the EPP, LEOP, and other department-specific preparedness/response plans;
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources;
  - Participate in the ICS as required by emergency levels and specific situations;
  - Collaborate in planning the prioritization of response efforts; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

## Police Department

- Mitigation
  - Procure and maintain equipment necessary for emergency response situations and
  - Educate officers on possible threats.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercises and updates as established in this plan; and
  - Exercise and train with local response agencies.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Assess levee-related events and ensure safety of Police Department staff during response efforts;
  - Assist as able with traffic control and road closures as necessary;
  - Assist as able with evacuation of potential inundation areas;
  - Collaborate with local and state law enforcement agencies to secure evacuation area;
  - Assign staff to the Platte County EOC as required by the EPP, LEOP, and other department-specific preparedness/response plans;
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources;
  - Participate in the ICS as required by emergency levels and specific situations;
  - Collaborate in planning the prioritization of response efforts; and
  - Track utilized resources (people, vehicles, and equipment).

- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

## PLATTE COUNTY

### Platte County Emergency Management Agency (PCEMA)

- Mitigation
  - Meet with the City of Columbus;
  - Participate in the update of the LLNRD Hazard Mitigation Plan; and
  - Coordinate local and state first responders.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercise and updates as established in this plan;
  - Provide all hazard holistic training, exercise, and planning opportunities; and
  - Participate and/or facilitate levee-related exercises.
- Response
  - Receive emergency conditions information from City;
  - Activate and maintain the PCEMA EOC to support the EPP as needed throughout levee-related incidents;
  - Activate the LEOP;
  - Receive immediate notification of a change to the declared emergency level;
  - Identify and implement the means of communications to support direction, control, and coordination of emergency management activities;
  - Obtain and coordinate the delivery/use of county or city emergency resources as identified in the EPP and/or LEOP;
  - Assist in the coordination of law enforcement, fire and rescue, and other applicable agencies for the evacuation of populations within the potential inundation area(s) as needed;
  - Inform the state of needs that exceed the locally available resources;
  - Alert the public throughout the levee-related incidents as appropriate;
  - Maintain communication with local media;
  - Initiate Cable Interruption System and utilize reverse 911 Calling System, if available;
  - Communicate with local elected officials;
  - Track utilized resources (people, vehicles, and equipment); and
  - Assist in emergency termination decision.
- Recovery
  - Assist in post-event impact assessment and documentation;
  - Facilitate the development of the Disaster Recovery Plan;
  - Facilitate incident review and debriefings to identify event progression, observations, and actions required to strengthen the EPP and jurisdictional execution of emergency actions; and
  - Coordinate the public assistance process with state and federal agencies to recover local expenditures as appropriate.

## 911 Center

- Mitigation
  - Identify back-up locations and
  - Ensure redundant communications are available for the city or county.
- Preparedness
  - Participate in EPP exercise and updates as established in this plan and
  - Provide updated contact information (staff personnel, phone, emails, other information).
- Response
  - Record critical information from caller when an incident is reported regarding the Levee System;
  - Immediately contact the city to investigate the situation;
  - If Level 1 situation occurs as determined by the City:
    - Tone Alert Radios;
    - Dispatch law enforcement, fire department, emergency medical services (EMS); and
  - Participate in event communication processes as directed.

## Sheriff's Department

- Mitigation
  - Procure and maintain equipment necessary for emergency response situations and
  - Educate deputies on possible threats.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;
  - Maintain a plan to assist with roadway closures during emergency events; and
  - Exercise and train with local response agencies.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Assess levee-related events and ensure safety of staff during response efforts;
  - Assist with evacuation of potential inundation areas;
  - Secure evacuation area;
  - Assign staff to the Platte County EOC as required by the EPP, LEOP, and other department-specific preparedness/response plans;
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources;
  - Participate in the ICS as required by emergency levels and specific situations;
  - Collaborate in planning and prioritization of response efforts;
  - Assist with traffic control and road closures as necessary; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

## Highway Department

- Mitigation
  - Procure and maintain equipment necessary for emergency response situations and
  - Educate staff on possible threats.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;
  - Maintain a plan to assist with roadway closures during emergency events; and
  - Exercise and train with local response agencies.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Assess levee-related events and ensure safety of staff during response efforts;
  - Assist with evacuation of potential inundation areas;
  - Secure evacuation area;
  - Assign staff to the Platte County EOC as required by the EPP, LEOP, and other department-specific preparedness/response plans;
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources;
  - Participate in the ICS as required by emergency levels and specific situations;
  - Collaborate in planning the prioritization of response efforts;
  - Assist with traffic control and road closures as necessary; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

## EAST CENTRAL DISTRICT HEALTH DEPARTMENT

- Mitigation
  - Assist in implementing the risk awareness communication plan as appropriate.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis;
  - Participate in EPP exercises and updates as established in this plan;
  - Coordinate with agencies to identify shelter locations;
  - Identify equipment/resource required for sheltering;
  - Provide animal sheltering information to residents of the city;
  - Identify equipment/resource required for animal sheltering; and
  - Exercise and train with local response agencies.
- Response
  - Coordinate with Red Cross and other agencies in establishing shelter areas;
  - Assist in establishing animal sheltering sites;
  - Provide relevant information to Public Information Officer (PIO) regarding animal sheltering requirements;

- As appropriate, provide staff to assist with animal shelter locations;
- Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources; and
- Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Participate in incident review and debriefings to identify event progression, observations, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

## PUBLIC POWER DISTRICTS

### Cornhusker Public Power District

- Mitigation
  - Maintain Cornhusker Public Power District property and equipment located within leveed areas and
  - Coordinate with the City of Columbus for any projects located near the Levee System.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Provide customers with information on preparedness and flooding.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Monitor system components located within the potential inundation area(s);
  - Identify a fallback position to use in case of a high-water event;
  - Arrange for appropriate staffing; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assess impacts to Cornhusker Public Power District property and equipment.

### Loup Power District

- Mitigation
  - Maintain Loup Power District property and equipment located within leveed areas and
  - Coordinate with the City of Columbus for any projects located near the Levee System.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Provide customers with information on preparedness and flooding.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Monitor system components located within the potential inundation area(s);
  - Identify a fallback position to use in case of a high-water event;
  - Arrange for appropriate staffing; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assess impacts to Loup Power District property and equipment.

## STATE OF NEBRASKA

### Nebraska Emergency Management Agency (NEMA)

- Mitigation
  - Administer the Hazard Mitigation Assistance program;
  - Provide technical support and review in the development of LLNRD Hazard Mitigation Plan; and
  - Assist with grant application development.
- Preparedness
  - Provide updated contact information (staff personnel, phone, email, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Advise Governor, and state and federal agencies regarding disaster operations;
  - Activate State EOC as necessary during emergency situations;
  - Coordinate state disaster support to local agencies as requested by the Platte County Emergency Management Agency;
  - Assist in obtaining necessary state emergency regulatory permits;
  - Assist in supporting an evacuation/disaster assistance center;
  - Track state deployed resources (people, vehicles, and equipment); and
  - Request federal assistance as necessary.
- Recovery
  - Assist in post-event impact assessment and documentation;
  - Participate in incident review and debriefings to identify event progression, observations, and actions required to strengthen the EPP and jurisdictional execution of emergency actions;
  - Work with local/state/federal agencies to recover local expenditures as appropriate; and
  - Assist with FEMA 406 funding opportunities during the recovery process.

### Nebraska Department of Natural Resources (NeDNR)

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Provide resources as requested/appropriate and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assist in post-event impact assessment and documentation.

### Nebraska Department of Transportation

- Mitigation
  - Maintain a plan to assist local entities with roadway closures during emergency events and
  - Maintain storm water drainage along state transportation routes to reduce localized flooding during extreme precipitation events.

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercise and updates as established in this plan.
- Response
  - Provide roadway closure equipment as needed/requested (cones, signs, barricades, other);
  - Assist with roadway closures as needed;
  - Remove debris on bridges or impaired drainage structures; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assist in post-event impact assessment and documentation.

### Nebraska State Patrol

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Assist with necessary roadway closures during emergency events as able;
  - Assist in providing site security for evacuated areas during emergency events as necessary and able; and
  - Track all resources used (people, vehicles, and equipment).

### FEDERAL AGENCIES

#### United States Army Corps of Engineers (USACE)

- Mitigation
  - Ensure the development and maintenance of an EPP for the Levee System and
  - Perform levee safety activities (annual inspections, technical reviews, technical assistance, and Section 408 Alteration reviews (33 U.S.C. § 408)).
- Preparedness
  - Coordinate internal EPP review and provide EPP approval;
  - Participate in the update of the EPP as needed and provide review and comments to the plan as needed;
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis; and
  - Participate in levee system-related trainings and exercises.
- Response
  - Provide technical assistance and flood fighting equipment upon request from the State of Nebraska;
  - Provide additional flood fighting equipment if available; and
  - Assist in obtaining the necessary USACE emergency regulatory permits.

- Recovery
  - Provide technical assistance for post-flood preliminary damage assessments;
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions; and
  - Assist in the recovery process consistent with the Public Law 84-99 Rehabilitation Program.

### National Weather Service (NWS)

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Coordinate with the Platte County EOC on levee-related flood watches and warnings; and
  - Issue levee-related flood watches and warnings.
- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

### Federal Emergency Management Agency (FEMA)

- Response
  - Facilitate assistance with federal resources during emergency events if local and state resources are insufficient for the required response.
- Recovery
  - Assist in post-event impact assessment and documentation and
  - Use FEMA 406 funds to incorporate mitigation into the recovery process where possible.

### PRIVATE PARTNERS

#### American Red Cross

- Preparedness
  - Coordinate with agencies to identify shelter locations (human and animal) for inclusion in the Platte County Emergency Operations Plan;
  - Provide sheltering information to city residents;
  - Identify equipment/resources required for sheltering;
  - Participate in EPP exercises and updates as established in this plan; and
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis.
- Response
  - Coordinate with agencies in establishing sheltering sites if necessary (human and animal);
  - Provide relevant information to PIO regarding shelter locations;
  - Provide staff to manage shelter locations; and
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources.

- Recovery
  - Participate in incident review and debrief to identify event progression, observations made, and actions required to strengthen the EPP and jurisdictional execution of emergency actions.

### Black Hills Energy

- Mitigation
  - Maintain Black Hills Energy property and equipment located within leveed areas;
  - Coordinate with the City for any projects located near the Levee System; and
  - Identify mitigation alternatives to prevent meter shop from flooding.
- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Provide customers with information on preparedness and flooding.
- Response
  - Collaborate with partner agencies to respond to events as required;
  - Monitor system components located within the potential inundation area(s);
  - Identify a fallback position to use in case of a high-water event;
  - Arrange for appropriate staffing; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assess impacts to Black Hill Energy property and equipment.

### Columbus Community Hospital

- Preparedness
  - Participate in EPP exercises and updates as established in this plan; and
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis.
- Response
  - Coordinate with agencies to respond to events as required;
  - Provide emergency services as needed;
  - Arrange for appropriate staffing;
  - Collaborate with partner agencies to identify necessary response equipment/resources and prioritize the deployment of equipment/resources.

### Nebraska Central Railroad Company

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Monitor system components located within the potential inundation area(s);
  - Reroute train traffic around inundated areas; and
  - Track utilized resources (people, vehicles, and equipment).

- Recovery
  - Assess impacts to property and equipment.

### Union Pacific Railroad (UPRR)

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Monitor system components located within the potential inundation area(s);
  - Reroute train traffic around inundated areas and clear railyards prior to flooding, if possible; and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Assess impacts to property and equipment.

### Local Contractors

- Preparedness
  - Provide updated contact information (staff personnel, phone, emails, other information as needed) for inclusion in the EPP on an annual basis and
  - Participate in EPP exercises and updates as established in this plan.
- Response
  - Provide technical assistance during emergency response efforts and
  - Track utilized resources (people, vehicles, and equipment).
- Recovery
  - Participate in incident review and debriefings to identify event progression, observations, and actions required to strengthen the EPP and jurisdictional execution of emergency actions and
  - Provide documentation of expenditures to the City.

## Risk Awareness Communication Plan

The primary objective of this plan is to ensure residents are aware of flood risk reduction actions provided by the Levee System, as well as available preparation and response actions in the case of levee-related events. The responsibility for outreach, engagement, and education will be a shared responsibility between the City of Columbus and PCEMA. As the levee sponsor, the City will ultimately be responsible for the implementation of the strategies identified in this plan, but the PCEMA will assist in crafting outreach methodology and messaging, as well as dissemination of information.

The goals for the Risk Awareness Communication Plan are as follows:

- **Goal 1:** Increase awareness about the Levee System among residents living within the leveed area;
- **Goal 2:** Increase awareness regarding actions that can be taken at the household-level to further reduce residual risks associated with flood risk reduction structures;
- **Goal 3:** Increase public awareness related to programs, projects, and efforts underway to maintain and/or improve the overall condition of the Levee System; and
- **Goal 4:** Increase awareness among locally elected officials of levee-related responsibilities and needs.

This section of the plan documents the existing and forthcoming efforts that increase awareness of the Levee System. For the various outreach tools or methods there are different targeted audiences, which are listed below. When crafting outreach materials, it is important to understand what audience is being targeted.

**Table 1: Targeted Audiences**

Key Audiences	Plan Information
<b>General public</b>	Community Risk Awareness Initiatives
<b>Residents of the leveed areas</b>	Community Risk Awareness Initiatives
<b>Elected officials</b>	Intergovernmental Coordination and Communication, Levee System Condition and Local Responsibilities
<b>Governmental departments and staff</b>	Intergovernmental Coordination and Communication, Levee System Condition and Local Responsibilities
<b>Utilities</b>	Coordination and Communication

### Past, Current, and Ongoing Community Risk Awareness Initiatives

The City utilizes a range of tools to communicate levee-related information to stakeholders. This section details tools employed throughout the development of this plan, as well as tools to be utilized in the future. The goal of this communication is to provide information regarding the levee condition and risks to appropriate stakeholders.

An Emergency Preparedness Planning Workshop was held on 19 July 2017 for the Levee System in preparation of this EPP development. The goals of the workshop were to determine emergency response protocols, establish roles and responsibilities, establish needed resources, identify notification channels, provide a risk awareness communication opportunity with stakeholders, and network among different stakeholders that could be involved in a Levee System emergency. Agencies that were identified as stakeholders were invited to the meeting, which included: City personnel, City utilities, Columbus Fire & Rescue, Columbus Police Department, Platte County Sheriff’s Department, Platte County Highway

Department, NDOT, PCEMA, LLNRD, USACE, Loup Power District, Black Hills Energy, UPRR, Nebraska Central Railroad Company, East Central District Health Department, NEMA, Nebraska State Patrol, and American Red Cross.

The City conducts bimonthly Council Meetings on the first and third Monday of every month at the City Council Chambers at 7:00 pm. These meetings are open to the public and can be viewed live on Spectrum cable channel 1305. The meetings are re-run on Tuesday, Wednesday, and Thursday at 7:00 pm on the same cable channel. Furthermore, the last six months of City Council meetings are archived and available on the City website for viewing. Meeting agendas are published on the City’s website<sup>2</sup> in advance of every meeting. When relevant, meeting agenda items include levee discussion such as annual inspection results detailing levee condition, regular levee maintenance being conducted, and levee evaluation and improvement project findings and progress. Meeting minutes are available to the public on the City’s website and upon request.

Table 2 provides an overview of City and PCEMA staff who have a direct responsibility associated with levee-related communications.

**Table 2: Risk Awareness Personnel and Responsibilities**

Position	Responsibilities
<p><b>City Engineer</b></p>	<p>Communicate levee status and condition;</p> <p>Communicate levee-related projects;</p> <p>Provide updated information to local elected officials and other City/County departments;</p> <p>Coordinate levee-related outreach and education;</p> <p>Oversee the implementation of the Risk Awareness Communication Plan; and</p> <p>Assisted by staff and department resources.</p>
<p><b>PCEMA Director</b></p>	<p>Identify a means of disseminating a warning to the public, key officials, emergency response personnel and those other persons within the jurisdiction that may be potentially affected;</p> <p>Identify the primary and secondary means of communications to support direction, control, and coordination of emergency management activities;</p> <p>Establish and maintain the capability to effectively direct, control, and coordinate emergency and disaster response and recovery efforts; and</p> <p>Establish a means of interfacing on-scene management with direction and control personnel and facilities.</p>
<p><b>PCEMA Staff</b></p>	<p>Distribute levee-related materials at public events;</p>

<sup>2</sup> <http://www.columbusne.us/Index.aspx?NID=89>

Position	Responsibilities
	Participate in planning, training, and exercises related to the levee system (as appropriate); and  Other tasks as assigned.

Table 3 identifies Levee System outreach efforts currently in place. The table includes the existing initiatives, schedule of delivery, and identified outcomes.

**Table 3: Schedule for Risk Awareness Initiatives**

Initiative Item	Scheduled Events	Purpose/Outcome
City Council Meetings	As requested or as projects are proposed	When relevant, include levee discussion such as inspection results, maintenance, and improvement projects
Direct outreach to stakeholder groups to include, but not limit to: service clubs, Chamber of Commerce, and similar community organizations	Presentations upon request	Provide levee-specific information; share materials for distribution among represented stakeholders
Television/Radio/Newspaper interview	Upon request (occurs approximately once a year or more frequently)	Provide information regarding the Levee System, historic events, and projects underway to improve the Levee System

### Planned Community Risk Awareness Initiatives

The Risk Awareness Plan for the Levee System will evolve over the next several years. The goals of this process are to increase public awareness related to the Levee System as well as identify what can be done at the various levels to further reduce the residual risk associated with the Levee System. The Risk Awareness Communication Plan will employ the building block approach to achieve the defined objectives. This section will identify efforts currently being developed as well as efforts that will be addressed in subsequent years.

Table 4 includes proposed risk awareness activities and the timeframe in which they will be completed.

**Table 4: Planned Risk Awareness Initiatives**

Initiative Item	Schedule for Implementation	Target Audience/Outcome
Levee-specific factsheet	TBD	General Public/provide levee-related information; provide information regarding residual risk
Levee-specific webpage	TBD	General Public/provide background information along with a map of the project illustrating the leveed area; provide links to available federal levee information; provide copy of the levee-specific fact sheet

Initiative Item	Schedule for Implementation	Target Audience/Outcome
<b>Levee-related video (One 90 second video)</b>	TBD	Elected Officials and General Public/provide flood risk awareness and general information about the Levee System; made available on the levee webpage
<b>Distribute information at local public events</b>	Annually or as events occur; begin when education materials have been developed	General Public/provide levee-related information; opportunity for the public to ask questions/share comments; provide preparedness information
<b>Post signs in the leveed areas</b>	To be completed within 5 years	General Public/inform the public of the levee; refer public to website for additional information

### Intergovernmental Coordination and Communication

The Levee System is a complex system that impacts multiple local governments. The City is the levee sponsor, but they work closely with county partners. In addition to the different local governments, the City coordinates with utilities to ensure community goal completion without inadvertently compromising the Levee System. These partnerships are critical during emergency events, but are also important during normal operations. This section outlines how the City communicates with other bodies of government and utilities that work on or near the Levee System. The goal of these communications is to ensure municipal projects are completed in a manner that meets project needs and maintains the integrity of the Levee System. In addition to communicating with local governments and utilities, the City maintains communication with USACE to ensure local projects and project-related work comply with 33 U.S.C. § 408.

The City utilizes the permitting process to monitor work on and/or near the Levee System. Land use permits in new platting or subdivisions are reviewed and approved by the City Engineer. Building permits are applied for through the Community Development Department. When permit applications are submitted, they are distributed to appropriate entities for review. However, there are exceptions to the permitting process. Permitting may not be required for project-specific work completed by franchise utility companies. The Zoning Administrator checks that projects comply with 33 U.S.C. § 408; projects that are not in compliance will not be permitted until issues are resolved. This process is utilized for work proposed by public and private entities.

In addition to construction work along the Levee System, it is important to communicate clearly with local elected officials about the Levee System and City responsibilities associated with the Levee System. It's important that elected officials understand why the Levee System and the flood risk reduction it provides to the city are a priority. To achieve this outcome, the City Engineer or designated representative briefs local elected officials about the Levee System each time work is proposed and funds need to be obligated. Elected officials can make inquiries and ask questions at these briefings (and at any other point). In addition, elected officials budget monies for levee-associated work each year during the annual capital budgeting process.

Table 5 indicates the intergovernmental coordination and the timeframe when they are to occur.

Table 5: Intergovernmental Coordination

Initiative Item	Scheduled Events	Purpose/Outcome
City Council update	As requested or as projects are proposed	Ensure elected officials are aware of the Levee System status and condition; enable effective and timely decision making regarding the Levee System
Executive summary of annual Levee System inspections to city officials and staff	Annually	Ensure city officials and staff are aware of the Levee System status and condition
Project updates to city/county staff and utilities (as appropriate)	Varies by project	Ensure public and private entities are aware of Levee System-related projects that could impact them
Request project-related information from city/county staff and utilities	As projects are developed and pursued	Ensure the City is aware of projects that are completed near the Levee System
Permitting process (408, building, etc.)	By project	City Engineer is made aware of projects on/near the Levee System when applications for permits are submitted; permits are reviewed and approved (as appropriate); if projects do not comply with regulation, they are not approved for construction

## Incident Command and Control Organization and Structure

Responding to emergency or crisis situations within a community is a shared responsibility among many different departments and agencies. A levee-related emergency or crisis will require a multi-disciplinary response. The EPP provides direction related to a command and control structure that can be utilized during response and recovery activities. Two considerations should be noted. First, each situation is unique, and it is not possible to anticipate every potential emergency situation. Secondly, levee emergency events differ from many other emergency or crisis situations, but the Platte County LEOP will still serve as a guiding document during event response.

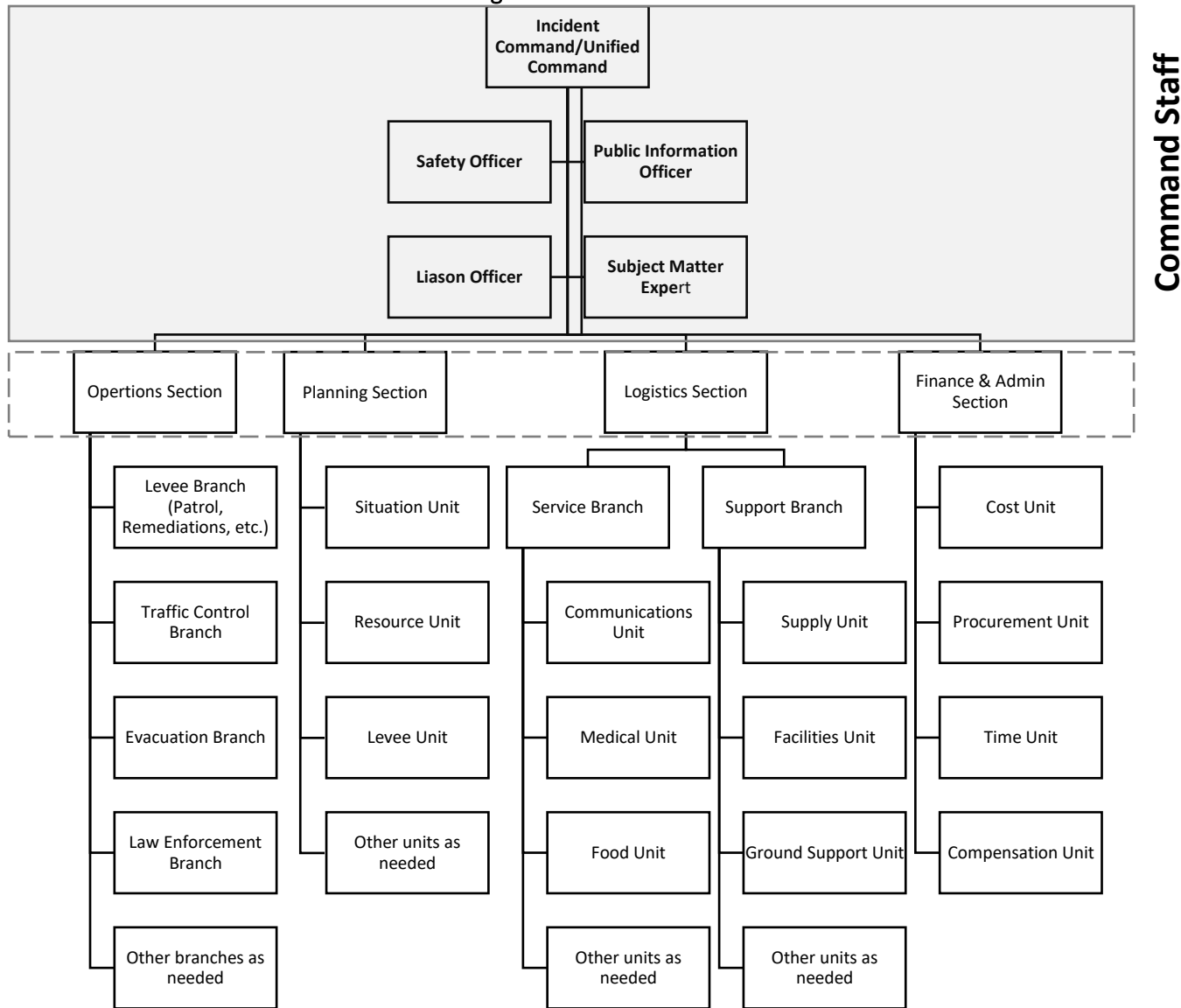
The foundation for the National Preparedness System is the National Incident Management System (NIMS). NIMS is utilized during emergency response situations across the nation, allowing for a common approach for event management. NIMS is unique in that it allows responders to establish the response framework needed to effectively respond to a given situation. During minor events (i.e. responding to a house fire), the response structure is often populated by a single department and/or agency. As situations escalate in complexity, NIMS allows for an expanding command and control structure. During an event, such as a levee failure, the command and control structure will be complex and involve multiple departments at the local level, as well as incorporate many different agencies and departments at the regional, state, and federal levels.

In March 2004, following a presidential directive to the Department of Homeland Security to develop a standardized approach to incident management, NIMS and the Incident Command System (ICS) were required for responders and officials during disaster response. Therefore, the State of Nebraska recognizes and requires that NIMS and ICS be utilized by responders and officials during disaster response. The ICS allows responders to have:

- A single set of objectives for a given time period;
- Tactical plans developed using a collective, strategic approach;
- Improved information flow and coordination between responders and decision makers;
- A common understanding of joint priorities and restrictions;
- Assurance that no agency's legal authority is compromised or neglected; and
- Use of resources and the combined efforts of all agencies under a single plan.

City staff would be involved in all ICS components in coordination with other county entities. It is important to note that while this plan is focused on the levee-related activities, there is the potential for a complex response effort at any emergency level. The following figure and discussion will provide insight related to the positions associated with the ICS structure. Specific statements regarding how levee-related functions will be incorporated into the ICS structure are provided in the descriptions following Figure 2.

Figure 3: ICS Structure



Command Staff

## Incident Command

**Single Incident Commander (IC):** When an incident occurs within a single jurisdiction and there is no overlap with other jurisdictions or functional overlap with multiple agencies, a single IC should be designated with overall incident management responsibilities by the appropriate jurisdictional authority. The IC will be responsible for the development of incident objectives on which subsequent incident action planning will be based. As it relates to levee incidents, a single IC might be employed during levee patrols as a part of the event monitoring phases (Emergency Level 3).

**Unified Command (UC):** UC is an important element in multi-jurisdictional or multi-agency incident management. UC provides guidelines for agencies with different legal, geographic, and functional responsibilities to coordinate, plan, and interact effectively. As a team effort, UC allows all agencies with jurisdictional authority or functional responsibility related to the incident to jointly provide management direction through a common set of incident objectives and strategies and a single Incident Action Plan (IAP). Each participating agency maintains its authority, responsibility, and accountability. UC functions as a single integrated management organization, which involves:

- Co-located command at the incident command post;
- An Operations Section Chief to direct tactical efforts;
- A coordinated process for resource ordering;
- Shared planning, logistical, and finance functions, wherever possible; and
- Coordinated approval of information releases.

All agencies in the UC structure contribute to the process of:

- Selecting/identifying objectives;
- Determining overall incident strategies;
- Ensuring that joint planning for tactical activities is accomplished in accordance with approved incident objectives;
- Ensuring the integration of tactical operations; and
- Approving, committing, and making optimum use of all assigned resources.

The structure and composition of the UC will be contingent upon the location(s) of events and the type and magnitude of a given incident.

**Levee-Related Command Staff Engagement:** The City Engineer (or specific designee) would be engaged as part of the Command Staff. The function of the Engineer's involvement would be diagnosing the situation and outlining necessary responses specific to the Levee System. It is possible during small and localized events that the City Engineer could serve as the Incident Commander. Depending on the size and scale of event, it is possible that other agencies (such as Columbus Police and/or Fire Department) may serve as Incident Command or use the Unified Command Model on the scene of an event. Ultimately, authority associated with the Levee System is that of the City Engineer; other agencies have control over activities.

**Emergency Operations Center/Area Command (EOC/AC):** Traditionally, an EOC and emergency management agency are not part of the incident response structure, but rather serve as facilitators of events associated with incident response. EOC staff work to ensure resources are identified and made

available to facilitate a timely, efficient, and effective response. The EOC and associated staff are the strategic level of the response and help implement policy directives and critical resource allocations.

An Area Command oversees the management of (1) multiple incidents that are each being handled by an ICS organization, or (2) large or multiple incidents to which several Incident Management Teams have been assigned. Area Command has the responsibility to set overall strategy and priorities, allocate critical resources according to priorities, ensure that incidents are properly managed, objectives met, and strategies followed. Area Command becomes “unified” when incidents are multi-jurisdictional. Area Command may be established at an emergency operations center facility or at some location other than an Incident Command Post. Dependent on the situation and jurisdictions involved, the hybrid EOC/AC model may be implemented to achieve appropriate direction, control and coordination.

**Levee-Related EOC/AC:** During any event, there is only one EOC. City staff will participate in EOC activities as established in this plan and the LEOP.

### Incident Command Staff

**Public Information Officer (PIO):** The PIO is responsible for interfacing with the public and media and/or other agencies with incident-related information requirements. The PIO gathers, verifies, coordinates, and disseminates accurate, accessible, and timely information related to the incident. The PIO may also perform a key public information-monitoring role (i.e. monitoring of social media and/or news releases). Regardless of incident command structure (IC/UC), there should only be one designated PIO. Assistants from different involved agencies/departments may be assigned to support the PIO.

**Levee-Related Communications:** During a levee-related incident, the role of PIO will be designated consistent with the County Emergency Operations Plan.

**Safety Officer:** The Safety Officer monitors incident operations and provides guidance on all matters related to operational safety, including the health and safety of emergency responder personnel. The Safety Officer is responsible to the IC/UC for the systems and procedures necessary to ensure ongoing assessment of hazardous environments, including the Incident Safety Plan, coordination of multi-agency safety efforts, and implementation of measures to promote emergency responder safety, as well as the general safety of incident operations. The Safety Officer has authority to prevent and/or stop unsafe acts during incident operations.

**Liaison Officer:** The Liaison Officer is IC/UC’s point of contact for representatives of other governmental agencies and relevant stakeholders to provide input on their entities’ policies, resource availability, and other incident-related matters.

**Subject Matter Expert:** During response to levee-related incidents it is likely that subject matter experts will be necessary as a part of the command structure. The subject matter expert is responsible for providing information and insight related to the Levee System and the events associated with the levee or how the incident might escalate.

**Levee-Related Incident Subject Matter Expert:** As it relates to the Levee System, the City Engineer will serve as the subject matter expert. It is possible that the USACE may be contacted to request their participation in this capacity as well. For the USACE to be engaged, communication must utilize the contact hierarchy. The City would communicate the need to the PCEMA, who would

contact state authorities who would then contact the USACE. This process recognizes the command and control structure and levels of autonomy associated with each level of governance.

In addition, as the subject matter experts, EOC participants from the City would provide insight related to operational safety, agencies to be engaged specific to the Levee System, and provide critical levee-related information to be included in public communication efforts. The focus of their participation would directly be associated with the Levee System.

## General Staff

The general staff are responsible for the functional aspects of the ICS. The general staff typically consist of the Operations, Planning, Logistics, and Finance sections – each of which have a section chief. The section chiefs may have one or more deputies assigned, with deputies from other agencies encouraged in the case of multi-jurisdictional incidents.

**Operations Section:** The Operations Section is responsible for all tactical activities focused on reducing the immediate hazard, saving lives and property, establishing situational control, and restoring normal operations. Lifesaving and responder safety will always be the highest priority and the first objective in the IAP. The Operations Section Chief is responsible for the direct management of all incident-related tactical activities.

**Levee-Related Operations:** The City would provide staffing for levee patrols (Street Department) and remediation efforts. The branch director for Levee Operations Branch would be led by the Street Superintendent (or official designee). Levee patrols and remediation staff would have jurisdictional responsibility associated with the levee, as a branch under the Operations Section Chief. Levee-related activities may require coordination with other operational branches to achieve their mission. Each necessary branch would have a branch director and work under a person trained in the role of Operations Section Chief.

**Planning Section:** The Planning Section collects, evaluates, and disseminates incident situation information and intelligence to the IC/UC and incident management personnel. The Planning Section is also responsible for the preparation of status reports, displays of situational information, maintaining the status of resources assigned to the incident, and preparation and documentation of the IAP (based on input and guidance from the IC/UC).

**Levee-Related Planning:** It would be important that the City develop a Levee Planning Unit as a component of the Planning Section. The Levee Unit Planning Leader would be responsible for collection, evaluation, and dissemination of tactical information related to the levee situation. This information and plan for response would be a component of the IAP. The IAP would be a planning document utilized to organize all components of the response activities. It is expected that the City Public Works Director would function as the Levee Unit Planning Leader.

**Logistics Section:** The Logistics Section is responsible for all service support requirements needed to facilitate effective and efficient incident management, including ordering resources from off-incident location. This section also provides facilities, security, transportation, supplies, equipment maintenance and fuel, food services, communications and IT support, and emergency responder medical services.

**Levee-Related Logistics:** City staff would provide logistical support and planning for levee monitoring and remediation-related efforts. This plan identifies internal and external resources

that are available for levee-related activities as well as identifying qualified external contractors that will be engaged as needed. Levee-related activities would benefit from other service units established as a part of the overall ICS structure. It is assumed that the Engineering Senior Office Associate (or official designee) would aid in logistical needs.

**Finance Section:** The Finance Section should be established when the incident management activities require on-scene or incident-specific administration support. This section is responsible for recording personnel time, maintaining vendor contracts, administering compensation and claims, and conducting an overall cost analysis for the incident. It is essential that the Finance Section coordinate with the Planning and Logistics Sections to ensure that operational records can be reconciled with financial documents. During large, complex incident response it is critical that the Finance Section be in communication with IC/UC, tracking incident expenditures, and projecting additional needs.

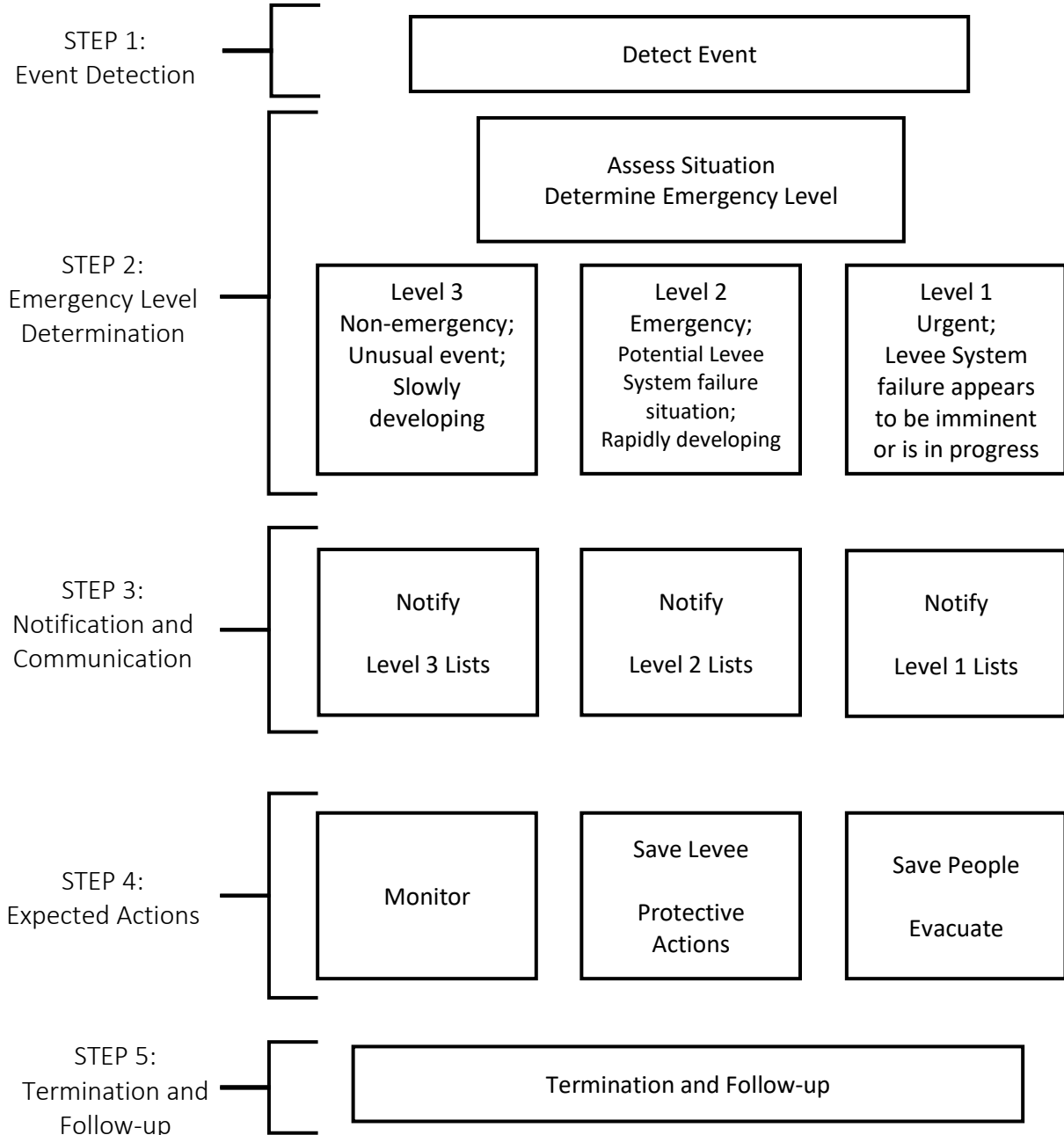
**Levee-Related Finance:** The City's Finance Director (or official designee) would be engaged as a part of the Procurement Unit.

It is assumed that each response to a levee-related emergency will be unique and as such the response structure will vary. The goal and value of ICS is that it is flexible and scalable as required by specific events. The above description and discussion applies to all emergency levels.

## Activation Process

The Activation Process Section outlines the emergency response protocols for the EPP relative to the known risks and possible emergency situations. These protocols aim to reduce the risk to human life, loss, or injury and minimize property damage during an emergency event for the Loup River Levee System. Included in this section is a 5-step emergency response protocol, which includes guidance for emergency level determination with specific triggers; call trees; messaging for internal and external use; expected actions by agencies; and termination of the emergency response.

### FIVE-STEP EMERGENCY RESPONSE PROTOCOL OVERVIEW



**STEP 1 EVENT DETECTION**

This step describes the detection of an unusual or emergency event and provides information to assist the City in determining the appropriate emergency level for the event. Unusual or emergency events may be detected by:

- Observations at or near the Levee System by government personnel (local, state, or federal), landowners, or the public;
- Evaluation of instrumentation data (stream gauge data);
- Forewarning of conditions that may cause an unusual or emergency event of the levee (e.g. flood/flash flood watches or warnings, ice jams, severe weather); and/or
- Earthquakes felt or reported near the Levee System.

See Table 7 (page 35), *Guidance for Determining the Emergency Level*, for assistance in evaluating specific events to determine if they are unusual or potential emergency situations. Generally, stress upon the Levee System will increase as the flood stage increases. The National Weather Service has identified flood impact and flood stage progressions as it pertains to the NeDNR stream gauge (6794500 – Loup River at Columbus) located north of the Highway 30/81 Bridge, which is shown in the table below<sup>3</sup>:

**Table 6: Flood Categories and Impact Progression**

Flood Category	River Elevation	Flood Impacts
Action Stage	9.5 ft.	At 9.8 feet, the bike path north of the gauge begins to experience flooding.
Flood Stage	10.5 ft.	Lowland flooding occurs throughout the area.
Moderate Flood Stage	13.0 ft.	Agricultural fields and roads, including Highways 30 and 81, take on extensive water leading to possible damages based on the history of this location.
	15.0 ft.	Low spot in parking lot south of the bridge on downstream side.
Major Flood Stage	17.0 ft.	Widespread significant flooding is occurring on the wet side of the levee, likely causing significant damage to infrastructure.
	19.86 ft.	The river reaches the bottom of bridge on downstream side.
Levee Failure Imminent	20.0 ft.	The river nears the top of the levee on the north bank downstream from the bridge.

Source: NWS – Valley/Omaha

The following are historic crests for the Loup River at Columbus as provided by the NWS – Valley/Omaha. For additional information regarding flood categories and NWS flood watches and warnings, please refer to their website<sup>4</sup>. Stream gauge data can also be obtained and monitored at the NeDNR website<sup>5</sup>.

- |                            |                             |
|----------------------------|-----------------------------|
| 1. 21.07 ft. on 03/08/1993 | 6. 11.32 ft. on 06/13/1984  |
| 2. 18.59 ft. on 03/14/2019 | 7. 11.00 ft. on 03/21/1969  |
| 3. 16.42 ft. on 08/14/1966 | 8. 11.00 ft. on 07/10/1950  |
| 4. 14.00 ft. on 06/23/1947 | 9. 11.00 ft. on 02/29/1948  |
| 5. 12.50 ft. on 03/28/1960 | 10. 10.65 ft. on 06/15/1943 |

<sup>3</sup> <https://water.weather.gov/ahps2/hydrograph.php?wfo=oax&gage=clmn1>

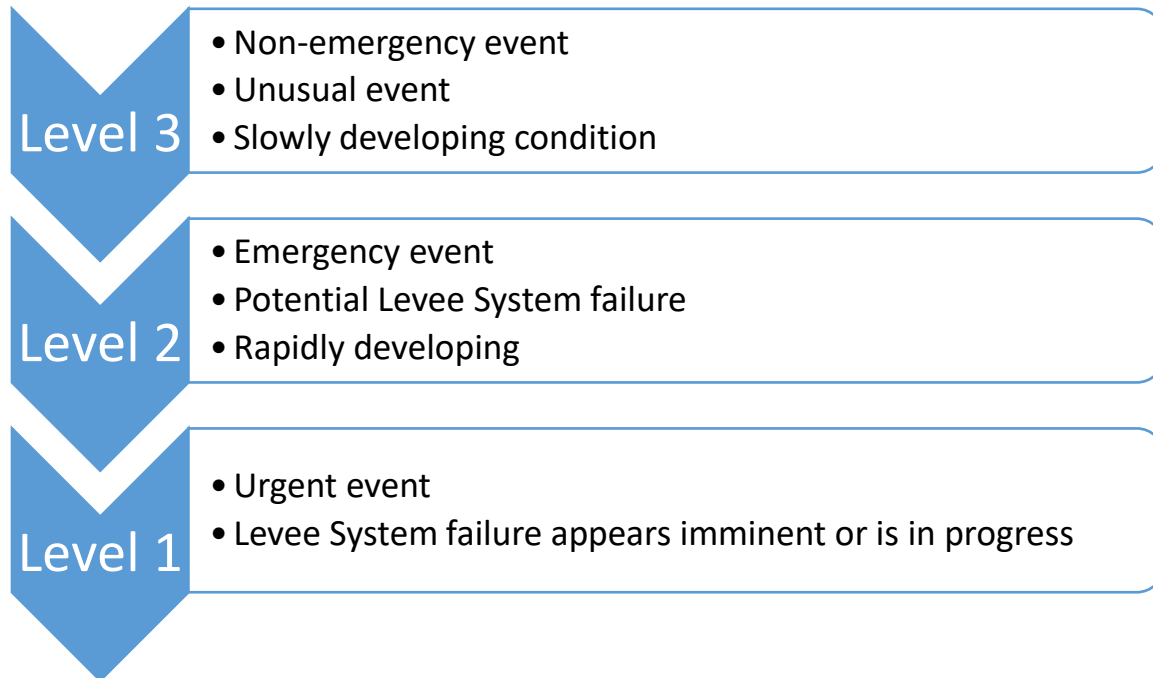
<sup>4</sup> <http://www.weather.gov/oax/>

<sup>5</sup> <https://nednr.nebraska.gov/RealTime/Stations/Details/6794500>

## STEP 2 EMERGENCY LEVEL DETERMINATION

### Emergency Activation Levels

As part of the emergency response protocols, three emergency levels can be activated in the event of a levee emergency. These levels are defined in further detail in Step 2 of the 5-step emergency response protocol. The three levels work in descending order with the highest threat being an Emergency Level 1 and are generally defined in the following ways:



After an unusual or emergency event is detected or reported, the City Engineer or delegated authority is responsible for classifying the event into one of the following three emergency levels:

#### **EMERGENCY LEVEL 3 – NON-EMERGENCY, UNUSUAL EVENT, SLOWLY DEVELOPING CONDITION**

This event is not normal but has not yet threatened the operation or structural integrity of the Levee System, but possibly could if development continues. Preparation activities should begin at this level..

#### **EMERGENCY LEVEL 2 – EMERGENCY EVENT, POTENTIAL LEEVE SYSTEM FAILURE EVENT, RAPIDLY DEVELOPING**

This event may lead to Levee System failure, but there is not an immediate threat of Levee System failure. Preventative activities to avoid emergency escalation and levee failure are taking place.

#### **EMERGENCY LEVEL 1 – URGENT, LEEVE SYSTEM FAILURE APPEARS IMMINENT OR IS IN PROGRESS**

This is an extremely urgent situation when a levee system failure is occurring or is about to occur and cannot be prevented. Evacuation of the leveed area is occurring, if not already implemented.

The following page provides guidance in determining the proper emergency level for various events.

Table 7: Guidance for Emergency Level Determination

GUIDANCE FOR EMERGENCY LEVEL DETERMINATION		
Event/Situation	Description of the Situation	Emergency Level
Flooding (Embankment Overtopping/High Flows)	National Weather Service issues a flood or flash flood watch for the area	3
	National Weather Service issues a flood or flash flood warning for the Loup River	3
	The NeDNR 6794500 Loup River at Columbus, NE gauge height reaches or is forecasted to reach the notification trigger of 9.5 ft.	3
	Loup River at Columbus reaches a gauge height of 10.5 ft and is forecasted to rise	2
	Closure structures not sealed leading to localized flooding	2
	Loup River at Columbus reaches a gauge height of 17 ft or within 3 ft from top of levee and is forecasted to rise	1
	Levee breach imminent flooding behind levee section	1
Seepage	New seepage/wet area in or near the levee	3
	Sand boils observed along the levee	2
	Additional seepage or discharge at relief wells	2
	Seepage with cloudy discharge or increasing flows	1
	Levee overtopping or breach	1
Sinkholes	New sinkhole in or near the levee	2
	Rapidly expanding sinkhole in or around levee	1
Embankment Cracking	New cracks in the levee embankment greater than 1/4" wide	2
	Cracks in levee embankment with seepage or cloudy seepage	1
Embankment Settlement	Visual depressions or sloughing of side slopes	2
	Sudden or rapidly sinking levee top or side slopes	1
Damaged Outlet Structure	Flap Gate propped open by debris	3
	Visual damage to drainage structure, but no impacts to the Levee System	3
Interior Drainage	Significant ponding develops landside of the levee resulting in an increased risk of interior flooding behind the levee	3
Vandalism	Modifications/damage to Levee System posing minimum impacts to Levee System integrity	2
	Modifications/damage to drainage structure that adversely impacts the Levee System integrity	2
	Damage to the Levee System that results in seepage flow conditions	1
	Destruction of levee section	1

Emergency Level 3: Non-emergency event, unusual event, slowly developing

Emergency Level 2: Emergency event, Potential Levee System failure event, rapidly developing

Emergency Level 1: Urgent event, Levee System failure appears to be imminent or is in progress

## STEP 3 NOTIFICATION AND COMMUNICATION

### Flood Warning Messaging

#### **NOTIFICATION**

After the emergency level has been determined, the representatives on the notification charts (see *Notification Charts* on pages 42-44) for the appropriate emergency level shall be notified immediately.

#### **COMMUNICATION**

There are three types of pre-scripted messages that may be used by the City, PCEMA, NWS, and other response agencies after an emergency level determination has been made. The three types of messages are:

1. *Agency Notified Message:* This message is for the City of Columbus to describe the emergency situation to other responding agencies.
2. *Public Information Message:* These messages may be used by agencies to share one consistent message with the public and local media (i.e. local radio and local cable channel) during the emergency event. Public Information Messaging also includes the use of social media.
  - a. Social media such as Facebook, Twitter, and others may be used by all response agencies involved in an emergency situation to quickly share information to the public and local media. The City of Columbus has social media accounts on Facebook (@CityofColumbusNE) and Twitter (@NEColumbus) and will be the primary lead for distributing information via social media. Other responding agencies should retweet or share messages sent out by the City account during the emergency event.
3. *Public Service Warning Messages:* Messages may be distributed by the City, PCEMA, or NWS to notify the public and local media of the emergency situation by utilizing NOAA Weather Radio, the Emergency Alert System (i.e. TV and radio broadcast alerts), AlertSense, IPAWS, and other means. Note that IPAWS, Twitter, and text message alerts (e.g. AlertSense) have established character limits. The NWS will issue flood watches and warnings based on river levels and communications with the City and PCEMA.

### **Emergency Level 3 – Non-emergency; slowly developing**

The City Engineer should utilize the Emergency Level 3 Notification Chart. The City Engineer should describe the situation and explain that the situation is being closely monitored.

#### **Agency Notified Message (Internal)**

The following message may be used to help describe the emergency situation to the NWS, PCEMA, and other emergency management personnel or responders.

*“This is \_\_ (Identify yourself): NAME & POSITION \_\_.*

*We are monitoring potential emergency conditions at the Loup River Levee System, located on the southside of Columbus on the left descending bank of the Loup River. We have activated the Emergency Preparedness Plan for the Levee System and the event has been determined to be an Emergency Level 3, which is a Non-Emergency Event. We are notifying you or your agency in case the situation develops into a potential Levee System failure event. Please prepare to assist with emergency actions and send a representative to the Emergency Operations Center if opened. We will continue to update you on the situation including if the situation resolves or becomes worse.*

*I can be contacted at the following number \_\_\_\_\_. If you cannot reach me, please call \_\_\_\_\_ at the following number \_\_\_\_\_.”*

#### **Public Information Message**

The following message may be used by the City staff, PCEMA, and other agencies to share one, consistent message with the public during the emergency event. These posts can be used on social media or tweets by the City, PCEMA, and other responding agencies during the urgent event. Responding agencies should retweet messages sent out by the City throughout the duration of the event.

The following is an example of messaging that could be utilized to share with the public.

Web/Facebook:

*A flood event is currently developing in Columbus along the Loup River. The City is monitoring the situation closely and taking precautions. Continue to monitor City media accounts for more information.*

Twitter/IPAWS/Facebook: note messages cannot exceed 280 characters for Twitter and IPAWS

*A flood event is currently developing in Columbus along the Loup River. See local media or call 402-564-1206 for more information.*

#### **Public Service Warning Messages**

The National Weather Service pushes flood alert messaging from their office in Valley, NE 24-hours a day. The NWS will utilize messages following their required protocols and these public notification messages are used to notify the public and local media of the situation via NOAA Weather Radio, the Emergency Alert System, and other means.

### **Emergency Level 2 – Emergency event; rapidly developing**

The City Engineer should utilize the Emergency Level 2 Notification Chart. The City Engineer should describe the situation and explain that the situation is being closely monitored.

#### **Agency Notified Message (Internal)**

The following message may be used to help describe the emergency situation to the NWS, PCEMA, and other emergency management personnel or responders.

*“This is  (Identify yourself): [NAME & POSITION] .*

*We have an emergency condition at the Loup River Levee System, located on the south side of Columbus.*

*We have activated the Emergency Preparedness Plan for the Levee System and the event has been determined to be an Emergency Level 2, which is an Emergency Event. We are implementing predetermined actions to respond to a rapidly developing situation in case of a Levee System failure. Please send a representative to the Emergency Operations Center located at \_\_\_\_\_. Now is the to prepare and protect assets.*

*We will continue to update you on the situation including if the situation resolves or becomes worse.*

*I can be contacted at the following number \_\_\_\_\_. If you cannot reach me, please call \_\_\_\_\_ at the following number \_\_\_\_\_.”*

#### **Public Information Message**

The following messages may be used by the City staff, PCEMA, and other agencies to share one consistent message with the public during the emergency event. These posts can be used on social media or tweets by the City, PCEMA, and other responding agencies during the urgent event. Responding agencies should retweet messages sent out by the City through the duration of the event.

Web/Facebook:

- Developing Level 2:

*“A flood event is developing for the City of Columbus and the City is monitoring flood levels on the Loup River. The National Weather Service in Omaha released the latest river flooding forecast. The forecast states the Loup River is expected to experience [Minor/Moderate/Major] flooding.  [insert additional forecast details] .*

*The City and partner agencies have been preparing for flooding of the Loup River. Coordination has been and continues to be taking place with Platte County Emergency Management, Nebraska Emergency Management Agency, Nebraska State Patrol, and other stakeholders.*

*Additional equipment and material is in place. If the Loup River continues to rise, the City is prepared to sandbag key locations as well as monitor and prepare in accordance with the Local Emergency Operations Plan.  [include other preparations taking place]*

*The levee is well maintained, and it is expected to maintain its structural integrity. Observation of the levee will be continuous during this event. In order to maintain the structural integrity of the*

levee, do NOT drive on the levee, disturb the soil, or place any foreign material or structure on the levee or near the toe drain system.

Please continue to monitor City media accounts for more information..

We advise that all residents stay clear of the Loup River Levee for responders to conduct observations and any work that may be needed along the Levee System. DO NOT play in flood waters. Residents should assume that flood waters are contaminated and are unsafe. To request assistance, please contact 402-564-1206. Do not call 911 unless it is an emergency. Please stay tuned to City media, local news broadcasts and emergency notifications from the National Weather Service for additional information. This message will be updated when new information becomes available.”

- Urgent Level 2:  
“The City of Columbus, along with partnering agencies, is closely monitoring the river levels of the Loup River. Due to projected forecasts, we are asking residents that live [insert specific area of concern] to start preparing for flooding and evacuations. Items on the lowest level of your home should be elevated. Prepare necessary items for yourself, children, and pets in the event of an evacuation. If you need assistance evacuating, or you have already evacuated, please call 402-564-1206.

The City continues to flood fight along the levee by implementing measures to ensure the integrity of the levee. Sandbags have been placed [include locations and other flood preparations or measures taking place].

We advise that all residents stay clear of the Loup River Levee in order for responders to complete emergency work along the Levee System. DO NOT play in flood waters - residents should assume that flood waters are contaminated and unsafe. Please stay tuned to City media broadcasts and emergency notifications from the National Weather Service for additional information.”

Twitter/IPAWS/Facebook: note messages cannot exceed 280 characters for Twitter and IPAWS

- Developing Level 2: note messages cannot exceed 280 characters
  1. The City of Columbus is monitoring the Loup River Levee. If you live or work near the levee, be prepared for possible flooding.
  2. Due to flooding, we are asking people to stay away from the bridge and Loup River levee. People in these areas hamper the efforts of first responders. We will enforce trespassing laws in areas that are barricaded.
  3. Flood Warning issued for the Loup River on the south side of Columbus. Never drive through flooded roadways.
  4. Do not play or enter flooded waters. Assume that flood waters are contaminated and unsafe.
  5. City of Columbus is monitoring the Loup River Levee. If you live near the levee, be prepared for possible flooding.
  6. We strongly advise all residents to stay clear of the Loup River Levee. Please allow responders to complete emergency work.
  7. !!!CAUTION!!! Do NOT go near the area of the Black Bridge! It is being monitored by Law Enforcement and Emergency Management. Thank you!
  8. There are no evacuations being ordered for the City of Columbus. But persons with special needs should take steps to prepare now for possible flooding or evacuation if needed.

- Urgent Level 2: evacuation orders have been issued
  9. Residents are encouraged to evacuate away from the Loup River Levee in Columbus. Shelter locations are located at \_\_\_\_\_.
  10. Evacuations are currently recommended along the Loup River between \_\_\_\_ [INCLUDE LOCATION] \_\_\_\_\_. Persons with special needs should contact 402-564-1206.
  11. Residents are encouraged to evacuate away from the Loup River Levee in Columbus. If you have evacuated or require assistance call 402-564-1206.

### **Public Service Warning Message**

The National Weather Service pushes flood alert messaging from their office in Valley, NE 24-hours a day. This public notification message is used by the NWS in Omaha/Valley to notify the public and local media of the situation by utilizing NOAA Weather Radio, the Emergency Alert System, and other means. The NWS will utilize messages following their required protocols.

### **Emergency Level 1 – Urgent; Levee failure appears imminent or is in progress**

The City Engineer should utilize the Emergency Level 1 Notification Chart. The City Engineer should describe the situation and explain that evacuations are underway [if they aren't already].

### **Agency Notified Message**

The PCEMA, Police Department, and other evacuation staff should be contacted immediately, and the residents located in the leveed areas should be evacuated.

1. Call the PCEMA. Identify yourself and say, "We have an urgent situation." Following an authorization by the Mayor, PCEMA will call other authorities and the media to begin the evacuation process. Then call the NWS, and they will issue a Flash Flood Warning, which will notify the public and local media. The following message may be used to help describe the emergency situation to emergency personnel, responders, and NWS.

*"This is an emergency situation. This is  (Identify yourself): [NAME & POSITION]  .*

*We have an urgent situation at the Loup River Levee System in Columbus. The levee is failing and the leveed areas within the City must be evacuated immediately. Please refer to the leveed area map located in the Emergency Preparedness Plan.*

*We have activated the Emergency Preparedness Plan for the Levee System and the situation has been determined to be an Emergency Level 1 event, which is an Urgent Event. The location of the levee failure is  [Describe location of failure]  .*

*I can be contacted at the following number \_\_\_\_\_. If you cannot reach me, please call \_\_\_\_\_ at the following number \_\_\_\_\_."*

2. Do whatever is necessary to bring people in immediate danger (anyone on the Levee System, evacuees, etc.) to safety, if directed by the PCEMA.
3. Maintain frequent contact with the PCEMA and emergency personnel to keep them up-to-date on the Levee System conditions. They will provide instructions on how you can help respond to the emergency.

4. If all means of communication are lost:
  - a. Try to determine why;
  - b. Try to get another radio, cell phone or telephone that works; and
  - c. Identify one person within the group of workers to reestablish communications. If these means fail, try to handle the situation as well as you can, and periodically try to reestablish contact with the emergency personnel.

### Public Information Message

The following messages may be used by the City, PCEMA, and other agencies to share one consistent message with the public during the urgent event. These posts can be used on social media or tweets by the City, PCEMA, and other responding agencies during the urgent event. Responding agencies should retweet messages sent out by the City through the duration of the event.

Ensure information is as specific and clear as possible for evacuation purposes. Messages such as “evacuations have been ordered for everyone east of 21<sup>st</sup> Avenue between 1st Street and 4<sup>th</sup> Street” are more effective than “evacuations have been ordered for the leveed area”.

Web/Facebook:

*“The City of Columbus has announced that the Loup River Levee System in Columbus is in imminent danger of failure. Evacuations have been ordered for PROVIDE LOCATION OF EVACUATION. All residents should move to higher ground immediately. Never drive vehicles through areas where water covers the road. The water depth may be too great to allow your vehicle to pass safely.*

*I repeat. The Loup River Levee System in Columbus is in imminent danger of failure. Evacuations have been activated for PROVIDE LOCATION OF EVACUATION. All residents should move to higher ground immediately. Residents needing evacuation assistance, call STATE WHO TO CALL (AGENCY) AND GIVE THE PHONE NUMBER THAT SHOULD BE UTILIZED FOR RESIDENTS NEEDING ASSISTANCE.”*

Twitter/IPAWS/Facebook: note messages cannot exceed 280 characters for Twitter and IPAWS

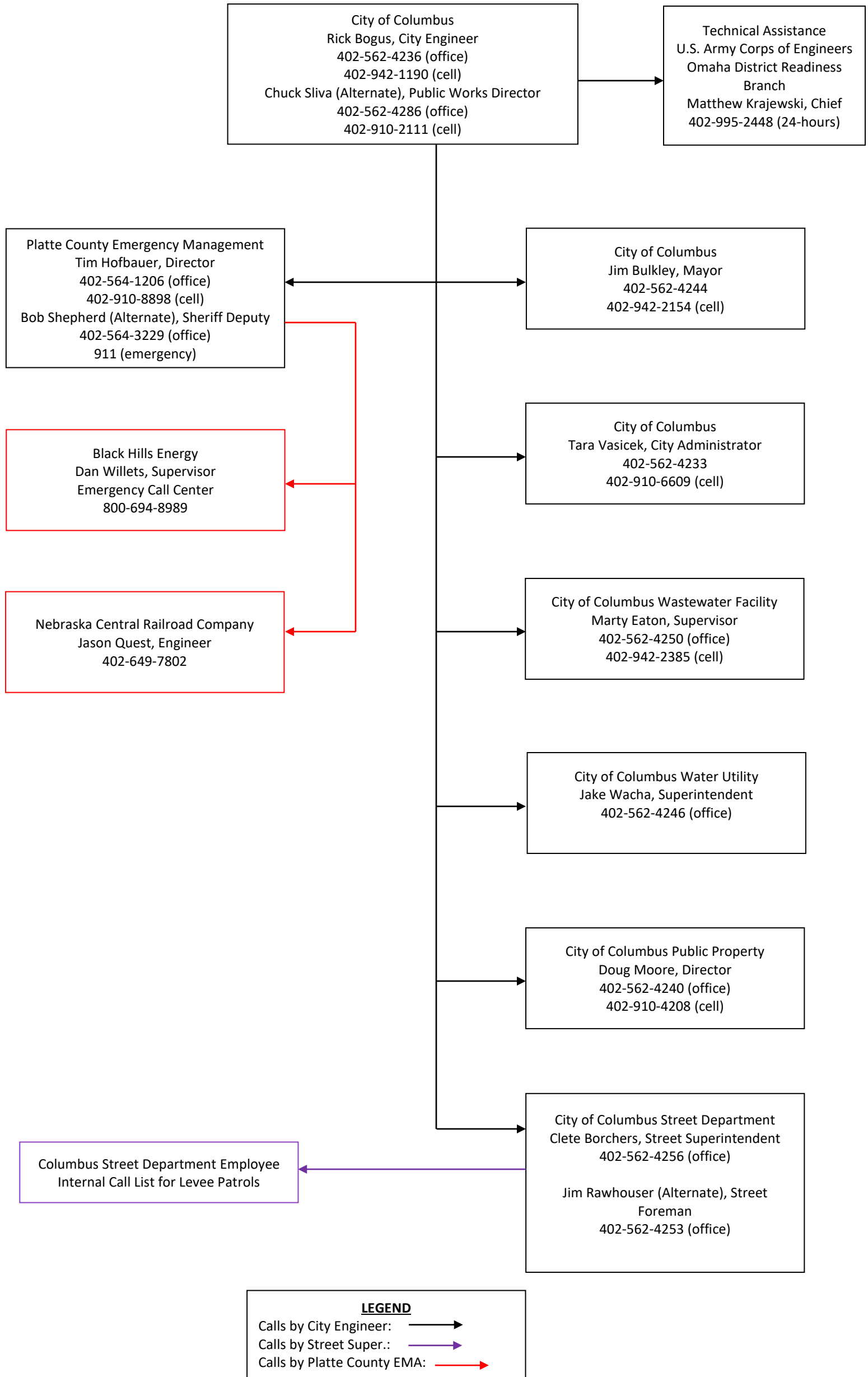
1. *Loup River Levee at Columbus is in danger of failing. Evacuation is strongly encouraged for areas along the levee.*
2. *Flooding in [INSERT LOCATION], Evacuation order has been issued and is strongly encouraged. If you need evacuation assistance contact Emergency Management 402-564-1206.*
3. *Evacuees needing shelter will be taken to [INSERT LOCATION]. Anyone needing assistance evacuating call 402-564-1206.*
4. *The levee on the south side of Columbus has failed. Evacuate the area immediately!*
5. *Do not play or enter flood waters. Assume that flood waters are contaminated and unsafe.*
6. *We strongly advise all residents to stay clear of the Loup River Levee on the south side of Columbus. Please allow responders to complete emergency work.*
7. *Residents should evacuate away from the Loup River Levee on the south side of Columbus. If you have evacuated or require assistance call 402-564-1206.*

### Public Service Warning Message

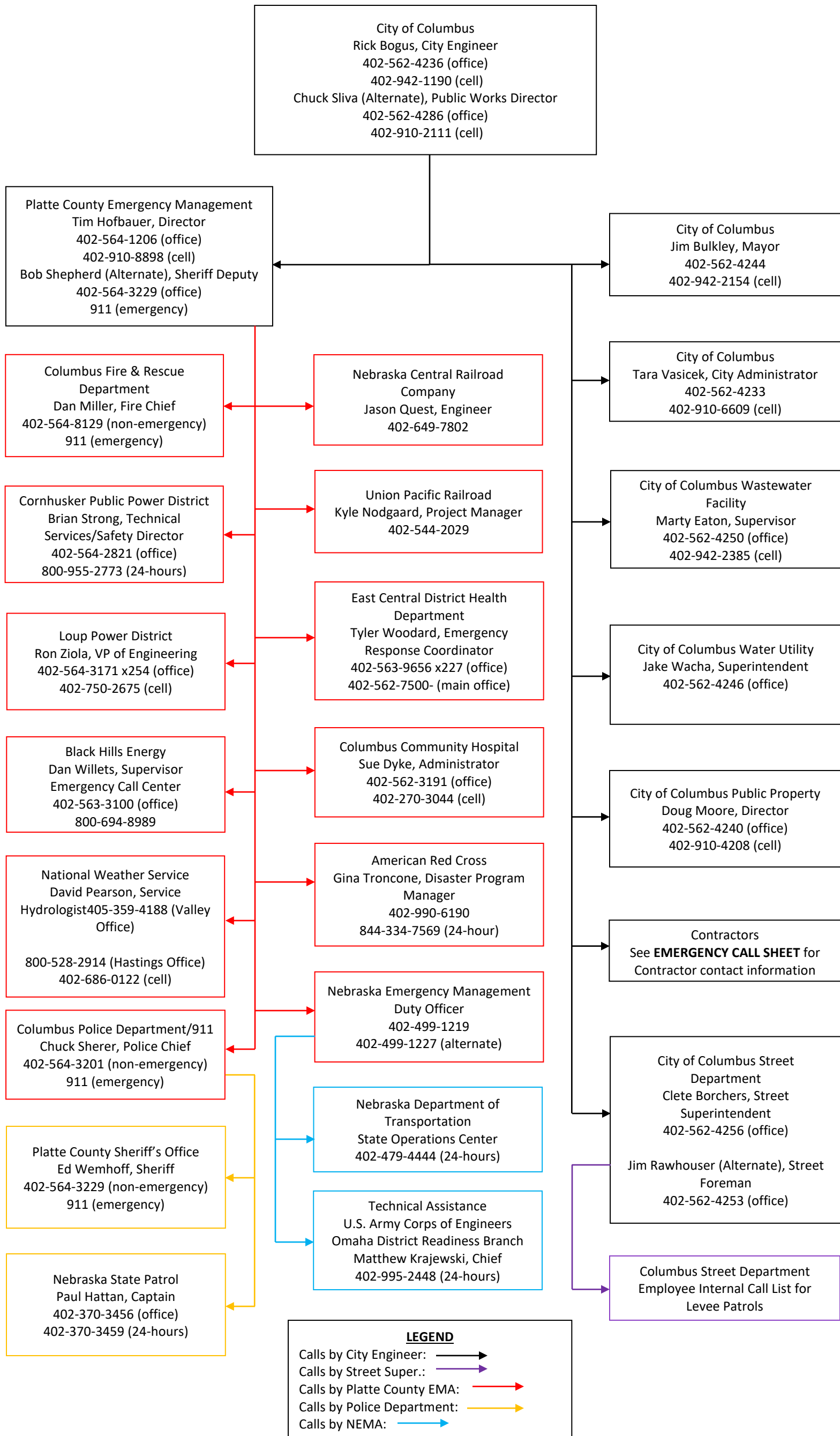
The National Weather Service pushes flood alert messaging from their office in Valley, NE 24-hours a day. PCEMA is able to share emergency alert texts with residents throughout the county. During Emergency Level 1 events these messages should be shared via all available channels.

NOTIFICATION CHARTS

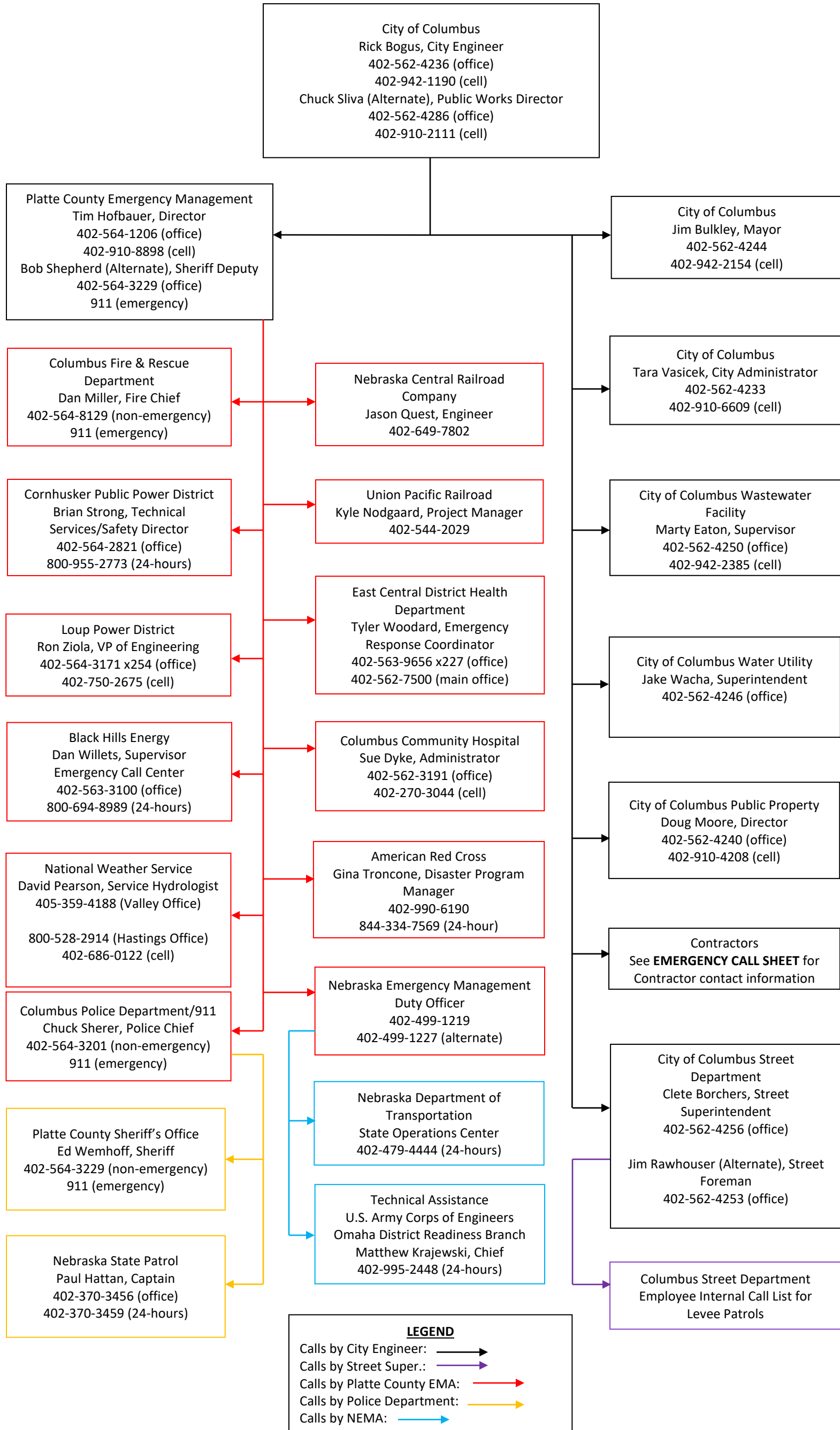
**EMERGENCY LEVEL 3 NOTIFICATIONS**  
**Non-Emergency, Slowly Developing**



**EMERGENCY LEVEL 2 NOTIFICATIONS**  
**Emergency Event, Rapidly Developing**



**EMERGENCY LEVEL 1 NOTIFICATIONS**  
**Urgent, Levee System Failure Appears Imminent**



## Emergency Call Sheet

Agency/Organization	Principal Contact	Address	Office Phone Number	Alternate Phone Number
Columbus City Engineer	Rick Bogus	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4236	402-942-1190
Columbus Public Works Department	Chuck Sliva, Director	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4286	402-910-2111
Columbus Mayor	Jim Bulkley	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4244	402-942-2154
Columbus City Administrator	Tara Vasicek	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4233	402-910-6609
Columbus Wastewater Facility	Marty Eaton, Supervisor	759 S. 14 <sup>th</sup> Avenues Columbus, NE 68602	402-562-4250	402-942-2385
Columbus Water Utility	Jake Wacha, Superintendent	4528 19 <sup>th</sup> Street Columbus, NE 68602	402-562-4246	-
Columbus Streets Department	Clete Borchers, Superintendent	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4256	-
Columbus Street Department	Jim Rawhouser, Street Foreman	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4253	-
Columbus Public Property	Doug Moore, Director	2424 14 <sup>th</sup> Street Columbus, NE 68602	402-562-4240	402-910-4208 (c)
Columbus Police/911 Department	Chuck Sherer, Police Chief	2419 14 <sup>th</sup> Street Columbus, NE 68601	402-564-3201	911
Columbus Fire & Rescue Department	Dan Miller, Fire Chief	1459 26 <sup>th</sup> Avenue Columbus, NE 68602	402-564-8129	911
Platte County Emergency Management	Tim Hofbauer, Director	2610 14 <sup>th</sup> Street Columbus, NE 68601	402-564-1206	402-910-8898 (c)
Platte County Emergency Management Alternate	Bob Shepard, Deputy Sheriff	2610 14 <sup>th</sup> Street Columbus, NE 68601	402-564-3229	911
Platte County Sheriff's Office	Ed Wemhoff, Sheriff	2610 14 <sup>th</sup> Street Columbus, NE 68601	402-564-3229	911
Black Hills Energy	Dan Willets, Supervisor	929 E. 23 <sup>rd</sup> Street Columbus, NE 68601	402-563-3100	800-694-8989 (24-hours)
Cornhusker Power District	Brian Strong, Technical Services/Safety Director	23321 235 <sup>th</sup> Avenue Columbus, NE 68601	402-564-2821	800-955-2773 (24-hours)
Loup Power District	Ron Ziola, VP of Engineering	2404 15 <sup>th</sup> Street Columbus, NE 68602	402-564-3171 ext. 254	402-750-2675
East Central District Health Department	Tyler Woodard, Emergency Response Coordinator	4321 41 <sup>st</sup> Avenue Columbus, NE 68602	402-563-9656 ext. 227	402-562-7500 (main office)

**Columbus - Loup River Levee System Emergency Preparedness Plan 2020**

<b>Agency/Organization</b>	<b>Principal Contact</b>	<b>Address</b>	<b>Office Phone Number</b>	<b>Alternate Phone Number</b>
Columbus Community Hospital	Sue Dyke	4600 38 <sup>th</sup> Street Columbus, NE 68601	402-562-3191	402-270-3044 (c)
Nebraska Central Railroad Company	Jason Quest, Engineer	304 N. 5 <sup>th</sup> Street Norfolk, NE 68701	402-649-7802	-
Union Pacific Railroad	Kyle Nodgaard, Project Manager	1400 Douglas Street Omaha, NE 68179	402-544-2029	-
National Weather Service – Valley/Omaha	David Pearson Senior Hydrologist	6707 N. 288 <sup>th</sup> Street Valley, NE 68064	402-359-4188	800-528-2914 (Hastings Office) 402-686-0122 (c)
American Red Cross	Gina Troncone, Disaster Program Manager	220 Oakcreek Drive Lincoln, NE 68528	402-990-6190	844-334-7569 (24-hour)
Nebraska State Patrol	Paul Hattan, Captain	W. Eisenhower Avenue Norfolk, NE 68701	402-370-3456	402-370-3459 (24-hours)
Nebraska Emergency Management Agency	Earl Imler, Operations Section Chief	2433 N.W. 24 <sup>th</sup> Street Lincoln, NE 68524	402-499-1219	402-499-1227
Nebraska Department of Transportation	State Operations Center	1500 Nebraska 2 Lincoln, NE 68502	402-479-4444 (24-hours)	-
U.S. Army Corps of Engineers	Matthew Krajewski	1616 Capital Avenue Omaha, NE 68102	402-995-2448 (24-hours)	-
<b>Contractors</b>				
BD Construction	Darrel Burrows	2154 E. 32 <sup>nd</sup> Avenue Columbus, NE 68601	402-564-1225	402-910-8712
Bierman Construction	Ken Zoucha	2560 E. 29 <sup>th</sup> Avenue Columbus, NE 68601	402-564-4749	402-910-5622
Central Sand and Gravel	-	4521 Howard Blvd Columbus, NE 68601	402-564-7141	402-562-0997 (c)
Gehring Construction & Ready Mix	-	5424 W. Meadow Drive Columbus, NE 68601	402-564-2499	-
Koch Excavating	Steve Koch or Jon Koch	5211 Howard Blvd Columbus, NE 68601	402-564-6116	402-910-6816 402-910-6925
Sunbelt Rentals	Corey Roberts	1500 23 <sup>rd</sup> Street Columbus, NE 68601	402-562-1550	402-910-8531

## Expected Actions

### STEP 4 EXPECTED ACTIONS

If the authorities receive notification or observe an unusual or emergency event at the Levee System, they should immediately contact the City Engineer. The City Engineer should then contact the PCEMA and relay the notification or observation. After an emergency level is determined, the following actions should be taken. If time permits, the USACE should be contacted for technical consultation.

#### **EMERGENCY LEVEL 3 – NON-EMERGENCY, UNUSUAL EVENT, SLOWLY DEVELOPING**

- A. The City Engineer, Street Superintendent, or technical representative should inspect the Levee System. At a minimum, inspect the full area of the levee section in question. Also, check the river for signs of changing conditions. IF INCREASED SEEPAGE, EROSION, CRACKING, OR SETTLEMENT IS OBSERVED, IMMEDIATELY REPORT THE OBSERVED CONDITION TO THE CITY ENGINEER. REFER TO THE *GUIDANCE FOR EMERGENCY LEVEL DETERMINATION* TABLE ON PAGE 35 TO DETERMINE THE APPROPRIATE EMERGENCY LEVEL FOR THE NEW EVENT SITUATION.
- B. Follow the Level 3 Notification Chart (see *Notification Charts* on page 42) to inform key personnel and agencies of the situation.
- C. PCEMA should be contacted by the City Engineer and made aware that an Emergency Level 3 for the Levee System has been activated.
- D. PCEMA should then notify Black Hills Energy and Nebraska Central Railroad Company that an Emergency Level 3 for the Levee System has been activated.
- E. USACE should be contacted by the City Engineer with levee safety concerns/issues and made aware that an Emergency Level 3 for the Levee System has been activated.
- F. The Street Superintendent should also be contacted and determine in coordination with the City Engineer if additional Street Department staff are needed for levee patrols.
- G. Levee patrols should inspect all flap gates and slide gates for debris or malfunction.
- H. Record all the contacts made on the *Contact Checklist* (see *Appendix E* on pages 103-104). Record all information, observations, and actions taken on the *Event Log Form* (see *Appendix E* on page 113). Note the time of changing conditions. Document the situation with photographs and, if possible, video.
- I. City staff should closely monitor the situation and condition of the Levee System to detect any development of potential issues.
- J. The Street Superintendent should initiate slide gate closures when the river reaches 9.5 feet (Action Stage) and is expected to continue rising to 10.5 feet (Flood Stage) or higher. See *Appendix C* (page 97) for gate closure information.
- K. Technical staff should investigate the situation and recommend preventative actions or corrective actions for observed issues that may jeopardize the integrity of the Levee System.

#### **EMERGENCY LEVEL 2 – EMERGENCY EVENT, RAPIDLY DEVELOPING**

- A. The City Engineer or designated representative should contact the Street Superintendent and the USACE to report the event/situation. If time permits, the City Engineer should request USACE technical staff to investigate the event/situation and recommend corrective actions. This request for USACE help must be coordinated through the PCEMA, which then contacts NEMA to make the formal request.
- B. Follow the Level 2 Notification Chart (see *Notification Charts* on page 43) to inform key personnel and agencies involved in emergency operations.

- C. The City Engineer should notify PCEMA and inform them an Emergency Level 2 for the Levee System has been activated. Notification should be given that if the situation progresses, evacuations may be necessary.
- D. Utilities should be notified of the emergency event to protect critical infrastructure. Utilities should monitor the situation closely and determine if the critical infrastructure needs to be sand bagged.
- E. Appropriate railroad personnel shall be notified that an emergency event is occurring and that railcars and equipment may need to be moved out of the railyard.
- F. The City Engineer, City Administrator, and Mayor should discuss the option of declaring an emergency for the City. The final decision for declaring an emergency is made by the Mayor, and this declaration will allow for additional resources to be utilized. PCEMA should declare an emergency for the County if needed. Disaster declarations will be forwarded to NEMA by the City Administrator and PCEMA.
- G. The Streets Department will conduct around the clock patrols of the Levee System.
- H. The Fire Department should assemble to assist in patrolling the levee.
- I. PCEMA or designated representative will contact Columbus Public Schools and the American Red Cross to identify if sheltering locations will be activated. Columbus Public Schools and the Red Cross will evaluate and locate necessary shelter supplies.
- J. The Mayor or designated representative will issue voluntary evacuation orders when river reaches a gauge height of 16ft and is forecasted to rise. Special needs or vulnerable populations should be mobilized first out of the evacuation area. The Fire Department and available Police Department staff will notify residents door-to-door in the evacuation area.
- K. The Fire Department will notify Dispatch of evacuated residences or facilities as they occur. Available Police Department staff will provide security for evacuated homes and buildings.
- L. The City or PCEMA will utilize IPAWS and/or AlertSense to notify residents of river conditions and voluntary evacuations. Facebook, Twitter, and City website should be leveraged to share information when possible.
- M. The City Engineer or PCEMA should provide updates to the NWS, the USACE, utilities, American Red Cross, and all emergency services personnel to assist them in making timely decisions concerning the need for warnings, road closures, protection of critical infrastructure, and evacuation.
- N. Necessary contractors should be notified if additional resources are required.
- O. If time permits, the Street Superintendent or other technical representatives should inspect the Levee System. At a minimum, the full length of the section of the Levee System in question should be inspected. Immediately report any changes in observed conditions to the USACE and the PCEMA. Refer to *Guidance for Emergency Level Determination* (page 35) for guidance in determining the appropriate event level for the conditions.
- P. City Engineer, PCEMA, and Street Superintendent shall record all pertinent data (time, date, who was talked to, response directions if given) for contacts that were made on the *Contact Checklist* (see *Appendix E* on pages 105-108). Record all observed information for the event and actions taken on the *Emergency Event Log* (see *Appendix E* on page 113). Take note of the time for changing conditions and supplement the report with photos and video, if possible.
- Q. If time permits, take remedial actions as instructed by USACE.
- R. Advise people monitoring the Levee System to follow safe procedures. Everyone should stay away from failing structures or slopes. Caution should also be taken in potential areas of breach or inundation.

**EMERGENCY LEVEL 1 – URGENT EVENT, LEVEE FAILURE APPEARS IMMINENT OR IS IN PROGRESS**

- A. The City Engineer shall immediately contact the PCEMA and other agencies identified on the notification flow chart (See *Notification Charts* on page 44).
- B. The decision to evacuate will be a joint decision made by staff located at the EOC and will be officially executed by the Mayor or designated representative.
- C. The NWS should be contacted immediately to initiate levee-related flash flood warnings.
- D. The PCEMA shall work with first responders and the Street Department to carry out warnings, close roads, and initiate and monitor evacuation efforts of people within the area of concern.
- E. The PCEMA shall alert the public and immediately evacuate at-risk people and close roads as necessary. AlertSense and/or IPAWS shall be activated to notify residents via cell phone.
- F. PCEMA will notify Columbus Public Schools and Red Cross that evacuations are underway.
- G. The City Engineer or designated representative shall maintain continuous communication and provide the PCEMA with updates of the situation to assist them with making timely decisions concerning warnings and evacuations.
- H. The City Engineer or designated representative, PCEMA, and Street Superintendent shall record all pertinent data (time, date, who was talked to, response directions if given) for contacts that were made on the *Contact Checklist* (see *Appendix E* on pages 109-112). Record all observed information for the event and actions taken on the *Emergency Event Log* (see *Appendix E* on page 113). Take note of the time for changing conditions and supplement the report with photos and video, if possible.

## STEP 5 TERMINATION

After an activation of the emergency response protocols for the EPP and completion of all emergency response-related activities through the conclusion of the emergency event, the emergency response operations must be terminated and follow-up procedures completed. It should be noted that termination of the emergency protocol should not occur until the threat/risk has passed. It should not be assumed that the process will be linear, as flooding and levee failure events can be prolonged in nature.

### **TERMINATION RESPONSIBILITIES**

The City Engineer or designated representative is responsible for informing the Platte County Emergency Management Agency and the USACE Omaha District that levee-related concerns have successfully been addressed. The Director of the PCEMA or designated alternate is responsible for terminating EPP operations and initiating demobilization operations for the emergency personnel/resources and relaying this decision to the City. It is then the responsibility of each person to notify the same group of contacts that were notified during the original event notification process to inform them of event termination.

Prior to the termination of an Emergency Level 1 event that has caused an actual Levee System failure, the USACE and the City Engineer will inspect the Levee System to determine whether any damage has occurred that could potentially result in loss of life, injury, or property damage. If it is determined that the conditions do not pose a threat to people or property, the PCEMA will be advised by the City Engineer to terminate EPP operations as described above. Should the inspection determine that continued action is required, the EPP operations should be continued at a level designated as appropriate by the previously established process and authorities. If PL 84-99 Rehabilitation Assistance is requested post-flood or high-water events (based on the post-inspection findings), the USACE will complete a damage assessment to verify damages during the Project Information Report phase of the rehabilitation project.

The City Engineer or designated representative shall ensure that the *Emergency Event Log* (see *Appendix E* on pages 103-112) is completed to document the emergency event and all actions taken. The City Engineer or designated representative shall submit copies of the completed report to the USACE Omaha District office and PCEMA.

## Evacuation Plan

The purpose of this plan is to outline the authorities and protocols that will be employed should the leveed areas require evacuation. This section includes: statement of authority; statement of assumptions; identification of primary evacuation routes; maps of primary evacuation routes; identification of probable shelter locations; secondary impacts of area evacuations; list of critical facilities located in the leveed areas; and potential obstacles that may impair evacuation efforts.

### Authority to Evacuate

Per Nebraska Revised Statute 81-829.50, local emergencies may only be declared by the principal executive officer: for the City of Columbus, this would be the Mayor. The result of a local emergency declaration shall be to activate the response and recovery aspect of all city emergency operations. Nebraska Revised Statute 81-829.64 states that the local emergency management agency shall execute and enforce the orders issued by the principal executive. The decision to evacuate will be dispersed by the EOC staff. The PCEMA can recommend voluntary evacuation should the situation merit this response.

### Shelter Sites

PCEMA works with the American Red Cross to establish and staff short-term shelter locations. The American Red Cross has the primary responsibility to establish shelter sites and staff them appropriately. The Red Cross also coordinates food for those staying in short-term shelters. The following table displays the shelter locations identified near the leveed area. It should be noted that all shelters are ADA accessible but additional accommodations for household pets may be necessary

**Table 8: Shelter Locations\***

Shelter Name	Address	Capacity
Centennial Elementary School	500 Centennial St, Columbus, NE 68601	200
Central Community College	4500 63 <sup>rd</sup> St, Columbus, NE 68601	800
Columbus Middle School	2200 26 <sup>th</sup> St, Columbus, NE 68601	500
Old Columbus Middle School (vacant)	2410 16 <sup>th</sup> St, Columbus, NE 68601	300
Columbus High School	3434 Discoverer Dr, Columbus, NE 68601	500
First United Methodist Church	2710 14 <sup>th</sup> St, Columbus, NE 68601	168
First United Methodist – Outreach Center	3602 16 <sup>th</sup> St, Columbus, NE 68601	100
Lakeview High School	3744 83 <sup>rd</sup> St, Columbus, NE 68601	800
Scotus High School	1554 18 <sup>th</sup> Ave, Columbus, NE 68601	800
St. Anthony's Grade School	1719 6 <sup>th</sup> St, Columbus, NE 68601	100
St. Isidores Church	3921 20 <sup>th</sup> St, Columbus, NE 68601	100
Trinity Lutheran Church	2200 25 <sup>th</sup> St, Columbus, NE 68601	100

*\*Note: Emergency Management will have the latest information regarding possible shelter locations.*

During an evacuation, the PCEMA and/or City of Columbus will promote appropriate evacuation pick-up locations. Evacuation information will be shared via multiple outreach channels which include, but are not limited to: local radio; local news broadcasts; the NWS; and social media. The City of Columbus and PCEMA has an understanding in place with the Columbus Public School District and the Columbus Area Transit bus system that will allow their buses and vans to be utilized for evacuations.

It should be noted that if evacuation shelters have been identified and opened to residents for flooding along the Loup River, the area between the Platte River and Loup River (i.e. south of the Loup River Levee

System) is likely also experiencing severe flooding. Residents in this area may also be seeking shelter at evacuation sites, thus impacting total capacity.

**Pet Sheltering**

During evacuation periods, residents in the flood-inundation area may choose to refuse or ignore evacuation orders when unable to relocate with pets. As such, the City of Columbus has identified locations, which may be used in emergency events to house household pets.

**Table 9: Pet Shelter Locations\***

Shelter Name	Address	Phone
Columbus Small Animal Hospital	2278 39 <sup>th</sup> Ave Columbus NE 68601	402-563-4151
Twin Rivers Veterinary Clinic	1102 19 <sup>th</sup> St E Columbus NE 68601	402-562-8387
Paws & Claws Adoption Center	2124 13 <sup>th</sup> St Columbus NE 68601	402-562-5683

*\*Note: Emergency Management will have the latest information regarding possible pet shelter locations.*

**Critical Facilities**

Critical facilities are defined by the National Flood Insurance Program’s Community Rating System as: “A structure or other improvement that, because of its function, size, service area, or uniqueness, has the potential to cause serious bodily harm, extensive property damage or disruption of vital socioeconomic activities if they are destroyed, damaged, or if their functionality is impaired. Critical facilities include health and safety facilities, utilities, government facilities, and hazardous materials facilities...” The following table lists the critical facilities in the leveed areas.

**Table 10: Critical Facilities in Leveed Area**

Facility Name	Location
Alltel Tower	12 <sup>th</sup> St & 31 <sup>st</sup> Ave, Columbus, NE 68601
Columbus Area Transit	1057 28 <sup>th</sup> Ave, Columbus, NE 68601
Columbus Christian School	3418 15 <sup>th</sup> St, Columbus, NE 68601
Columbus Park Maintenance Department	1057 28 <sup>th</sup> Ave, Columbus, NE 68601
Columbus Solid Waste Transfer Station	570 14 <sup>th</sup> Ave, Columbus, NE 68601
Columbus Water Tower South	5 <sup>th</sup> St & 27 <sup>th</sup> Ave, Columbus, NE 68601
Columbus Water Well 4	10 <sup>th</sup> St & 30 <sup>th</sup> Ave, Columbus, NE 68601
EM Motor Pool	Well Dr & 30 <sup>th</sup> Ave, Columbus, NE 68601
EPA Water Treatment	10 <sup>th</sup> St & 28 <sup>th</sup> Ave, Columbus, NE 68601
Loup Power District	2404 15 <sup>th</sup> Street, Columbus, NE 68601
Mobile Home Park	8 <sup>th</sup> St & Hwy 30, Columbus, NE 68601
Sanitary Lift Station	18 <sup>th</sup> St & 48 <sup>th</sup> Ave, Columbus, NE 68601
Sanitary Lift Station	Lakeshore Dr & Lottie Ln, Columbus, NE 68601
Sanitary Lift Station	Lakeshore Dr & Driftwood Dr, Columbus, NE 68601
Sanitary Lift Station	Sandy Point Dr & Lakewood Dr, Columbus, NE 68601
Sanitary Lift Station	Deer River Rd & Cottonwood Dr, Columbus, NE 68601
South Reservoir	10 <sup>th</sup> St & 28 <sup>th</sup> Ave, Columbus, NE 68601
Wastewater Treatment Plant	759 14 <sup>th</sup> Ave S, Columbus, NE 68601

Facility Name	Location
Water Plant	11 <sup>th</sup> St & 28 <sup>th</sup> Ave, Columbus, NE 68601
Water Well	10 <sup>th</sup> St & 29 <sup>th</sup> Ave, Columbus, NE 68601
Water Well 1	10 <sup>th</sup> St & 27 <sup>th</sup> Ave, Columbus, NE 68601
Water Well 11	Well Dr & 30 <sup>th</sup> Ave, Columbus, NE 68601
Water Well 12	Well Dr & 30 <sup>th</sup> Ave, Columbus, NE 68601
Water Well 2	9 <sup>th</sup> St & 27 <sup>th</sup> Ave, Columbus, NE 68601
Water Well 8	9 <sup>th</sup> St & 30 <sup>th</sup> Ave, Columbus, NE 68601

Source: LLNRD Hazard Mitigation Plan, 2017

Per the Nebraska Department of Environmental Quality, there are no chemical storage facilities located in the leveed area as of July 2017.

### Security for Evacuated Areas

The Columbus Police Department, Platte County Sherriff’s Department, and/or Nebraska State Patrol (following a request from NEMA) will staff evacuation points (as staffing allows) to provide security for evacuated areas. The points will be monitored for the duration of the evacuation. If the Columbus Police Department, Platte County Sheriff’s Department, and Nebraska State Patrol have insufficient staff to monitor evacuation points, the PCEMA Director can request assistance from NEMA in the form of other law enforcement agencies and/or the Nebraska National Guard. For the National Guard to provide these services, it would be necessary for the Governor to declare a state of disaster emergency for the impacted areas.

### Provisions for Special Needs/At-Risk Populations

The City of Columbus has designated shelter locations that are accessible to special needs individuals. Individuals in need of assistance to evacuate their home/business can call 911 or other designated and dedicated phone numbers to request assistance. It should be noted that there will likely be a delay in responding to their requests for assistance. Residents concerned about their ability to evacuate should contact the Columbus Fire Department or PCEMA for more information.

The National Response Framework defines at-risk populations as *“...populations whose members may have additional needs before, during, and after an incident in functional areas, including but not limited to: maintaining independence, communication, transportation, supervision, and medical care.”* Several outliers may be considered when discussing potentially at-risk populations, including:

- Not all people who are considered “at-risk” are at-risk
- Outward appearance does not necessarily mark a person as at-risk
- A hazard event will, in many cases, impact at-risk populations in different ways

US Census Block Group data was examined to assess at-risk populations located in the leveed area. US Census Block Groups are statistical divisions of census tracts and are generally defined to contain between 600 and 3,000 people. It should be noted that some of the Block Groups examined for the leveed area either extend beyond or do not fully cover portions of the leveed area; thus, the reported at-risk populations should be viewed as estimates only. A map displaying the leveed area overlaid with the Census Block Groups examined is provided.

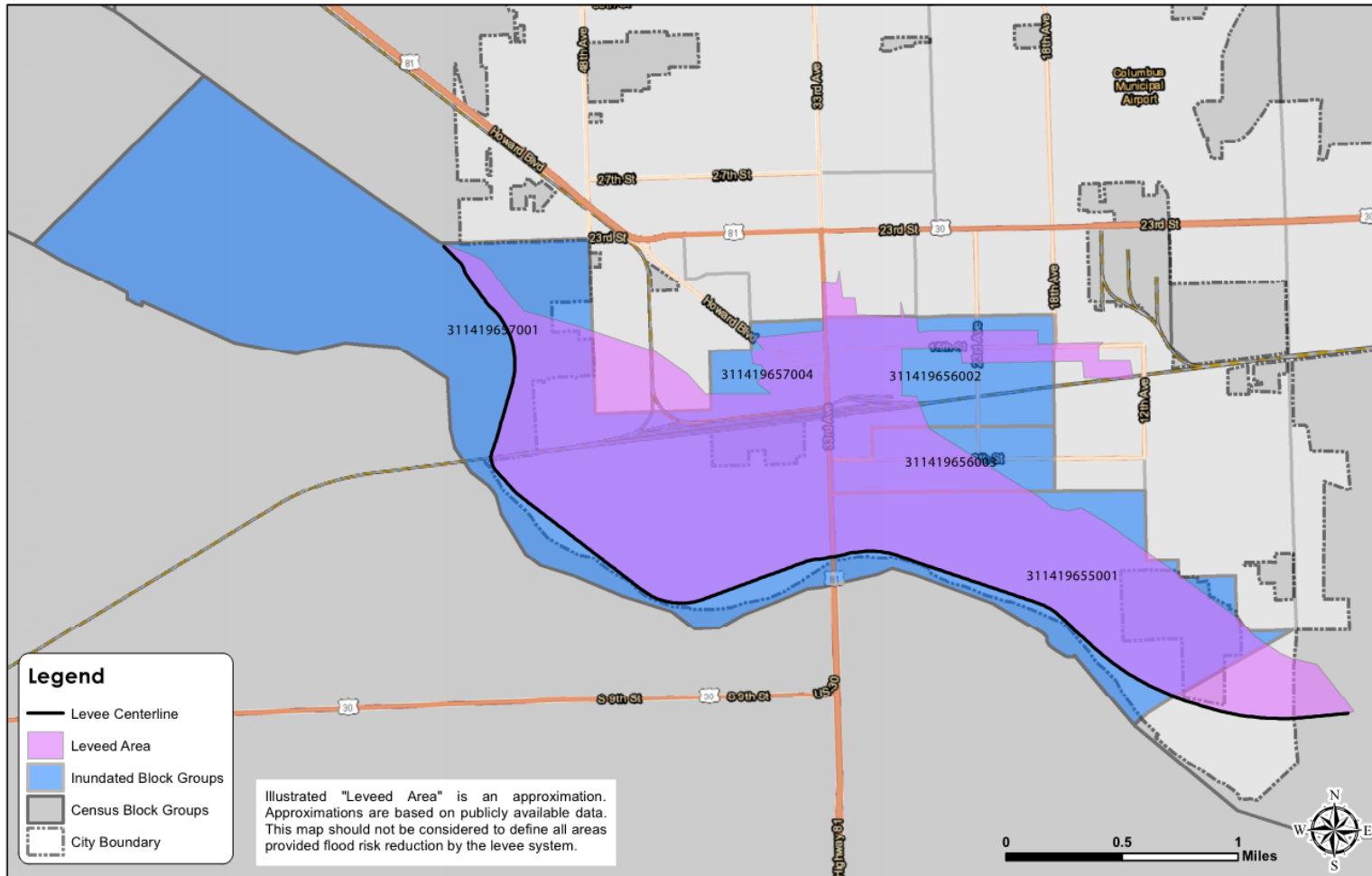
The following table provides the percentage of at-risk populations residing in the leveed area.

Table 11: At-Risk Populations in Leveed Area

At-Risk Population	Percent of Total Leveed Area Population	Primary Concern During Emergency Situations*
Impoverished Households	12.3%	Decreased ability to secure temporary housing during evacuation; may lack resources to prepare for evacuation; may be more impacted by prolonged evacuations or losses resulting from flooding events
Rent Home	42.7%	Disproportionately impacted by evacuation; may lack insurance on personal property; potential for prolonged evacuation; less likely to be informed about risk associated with the levee; less likely to be prepared for emergency situations
Age 65 and greater	12.5%	May require assistance to evacuate; may require medical attention during evacuation or while evacuated; more likely to be injured during evacuations
Age 5 and under	5.2%	Unable to take emergency actions without adult assistance; more vulnerable to emotional impacts resulting from evacuation; require additional planning at temporary shelter locations
No vehicle in household	6.4%	Require assistance to evacuate; unable to remove personal belongings prior to evacuation

*\*Indicates assumptions that may or may not apply to all residents considered within the at-risk population*

Figure 4: Analyzed Census Blocks in Leveed Area



Created By: RLA  
 Date: 9/20/2017  
 Software: ArcGIS 10.4.1  
 Project: 21103 - Columbus EPP  
 File: Columbus\_CensusBlocks.mxd

This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plat.

## Columbus - Loup River LB Levee System Census Blocks

Columbus, NE



### Prioritizing Evacuation Areas

The following items are general guidelines that will shape how evacuation activities are conducted.

- Evacuate those at greatest risk first, including any identified special needs
- Evacuate the highest concentration of population within the affected areas

A priority for evacuation assistance will be areas with concentrated populations, especially those populations requiring additional assistance during evacuation. There is one private school, Columbus Christian School, located in the leveed area (Table 9). An assessment of public schools and nursing home locations determined that none of these facilities are in the leveed area.

Daycares are also considered to be an at-risk population and the following table provides a list of the daycares located within the leveed area. Further, the list provides their contact information and the maximum number of children these daycares may serve.

**Table 12: Daycares in Leveed Area**

License Type	Name	Address	Phone Number	Capacity
Preschool	Columbus Christian Preschool	3418 15 <sup>th</sup> St Columbus, NE 68601	402-562-6470	24
In-Home Daycare	Donna Gray	254 20 <sup>th</sup> Ave Columbus, NE 68601	402-564-9370	10
Child Care Center	Family Matters Child Care Center	1470 23 <sup>rd</sup> Ave Columbus, NE 68601	402-562-8437	45
In-Home Daycare	Karla Heithoff	3108 16 <sup>th</sup> St Columbus, NE 68601	402-201-2370	6
In-Home Daycare	Linda Birchem	53 Lakewood Dr Columbus, NE 68601	402-564-4043	10
In-Home Daycare	Little Angels	1156 45 <sup>th</sup> Ave Columbus, NE 68601	402-276-7859	10
In-Home Daycare	Little Steps Childcare	2209 7 <sup>th</sup> St Columbus, NE 68601	402-432-3103	12
In-Home Daycare	Renee Montgomery Daycare	78 Cottonwood Dr Columbus, NE 68601	402-564-5316	10
In-Home Daycare	Sarah Doerneman	1721 2 <sup>nd</sup> St Columbus, NE 68601	402-615-3898	10
Child Care Center	St. Bonaventure's Child Care Center	1604 15 <sup>th</sup> St Columbus, NE 68601	402-564-9338	70
In-Home Daycare	Traub's Tots	153 S 14 <sup>th</sup> Ave Columbus, NE 68601	402-276-2435	10

Source: Nebraska Department of Health & Human Services

## Evacuation ICS

### **Law Enforcement Branch (Operations Section):**

The Columbus Police Department shall initiate the evacuation as directed during Level 2 (as appropriate) and/or Level 1 events. During an evacuation event, the ICS structure will incorporate a Law Enforcement Branch (L.E. Branch) under the Operations Section. The L.E. Branch Director will need to take into consideration all information provided by personnel in affected locations regarding the establishment of traffic control points and routes. The L.E. Branch Director will be responsible for ensuring that the Platte County Sheriff's Department and Nebraska State Patrol is contacted, if necessary, to request additional support for evacuation, road closures, and security.

### **Evacuation Branch:**

As evacuation is required, an Evacuations Branch will be incorporated into the ICS structure. The following bullets identify specific roles that will be filled and associated responsibilities.

#### **A. Evacuation Branch Director**

The Evacuation Branch shall be led by the Evacuation Branch Director. It will be the Branch Director's responsibility to staff identified positions and ensure all components contained within are implemented. Duties of the Branch Director include, but are not limited to:

- Develop alternatives for Branch control operations with subordinates;
- Attend planning meetings at the request of the Operation Section Chief (OPS);
- Review Division/Group Assignment Lists for Divisions/Groups within the Branch. Modify lists based on effectiveness of current operations;
- Assign specific work tasks to Division/Group Supervisors if needed;
- Supervise Branch operations;
- Resolve logistic problems reported by subordinates;
- Report to OPS when: the IAP is to be modified; additional resources are needed; surplus resources are available; or hazardous situations or significant events occur;
- Approve accident and medical reports (home agency forms) originating within the Branch; and
- Maintain Unit/Activity Log.

#### **B. Task Force/Strike Team Leader**

Buses may be utilized to assist in evacuations if needed. These resources can be dispatched in a Strike Team (ST) or Task Force (TF) configuration. A Strike Team shall consist of up to 5 buses of similar type. A Task Force shall consist of up to 5 buses of different types (e.g. 3 passenger and 2 handicap capable buses). Configuration shall be determined by the Staging Area Manager upon receiving the request for transportation vehicles unless ordered in a specific configuration. Designation of ST/TF shall be by the identified leader's last name, e.g. Task Force Smith in route to Grace Lutheran Church.

- Proceed to Staging Area;
- Check-in;
- Receive bus driver information packet;

- Determine any support needs;
- Complete a visual check of assigned resources and receive designation;
- Ensure water is available for responders and evacuees; and
- Pre-identify any special needs and relay to Red Cross on arrival at Reception Center.

### **C. Staging Area Manager (STAM)**

The Staging Area Branch shall be led by the Staging Area Branch Director. It will be the Branch Director's responsibility to staff identified positions and ensure all required tasks are implemented. Duties of the Branch Director include, but are not limited to:

- Proceed to Staging Area;
- Establish Staging Area layout;
- Determine any support needs for equipment, feeding, sanitation and security;
- Establish check-in function as appropriate;
- Post areas for identification and traffic control;
- Request maintenance service for equipment at Staging Area as appropriate;
- Respond to request for resource assignments (note: this may be direct from the Operations Section Chief (OPS) or via the Communications Center);
- Obtain and issue receipts for radio equipment and other supplies distributed and received at Staging Area;
- Determine required resource levels from the OPS;
- Advise the OPS when reserve levels reach minimums;
- Maintain and provide status to Resource Unit of all resources in Staging Area;
- Maintain Staging Area in orderly condition; and
- Demobilize Staging Area in accordance with the Incident Demobilization Plan.

### **D. Staging Area Assistants**

As needed, the STAM may appoint staff to serve as assistants within the staging area. Duties of the assistants follow:

- Report to staging area;
- Check-in;
- Identify position to STAM and receive instructions;
- Identify any support needs; and
- Assume other duties as assigned.

### **Potential Obstacles to Timely Evacuation**

It is possible that this Emergency Preparedness Plan would need to be adjusted during implementation depending on event-specific details. This Evacuation Plan assumes that major transportation routes remain open, in usable conditions, and that emergency shelters are open and available to the public. The roles and responsibilities associated with this portion of the plan also assume that sufficient staff will be available to implement the prescribed responses. Finally, the Evacuation Plan assumes the area of operation is safe for first responders and other city and county staff that may be assisting with the evacuation of the leveed area. If sufficient staff are not available or the area of operation is unsafe, the plan would need to be adjusted to account for these deviations from the planning assumptions.

### Evacuation Route Maps

During an evacuation, there are many different variables that will impact how residents are directed to exit the leveed areas. For this reason, the leveed area has been sub-divided and directed into four different zones (Zones A-D) and corresponding shelter locations (Figures 4-5). These zones can be used for more targeted communication during levee-related events. Again, due to the highly variable nature of evacuations, it is not possible to develop maps for every contingency. Event-specific maps may need to be developed by a collaborative group including, but are not limited to: PCEMA, local law enforcement, city/county roads staff, and the American Red Cross.

Figure 5: Shelters Available for Evacuation in Columbus

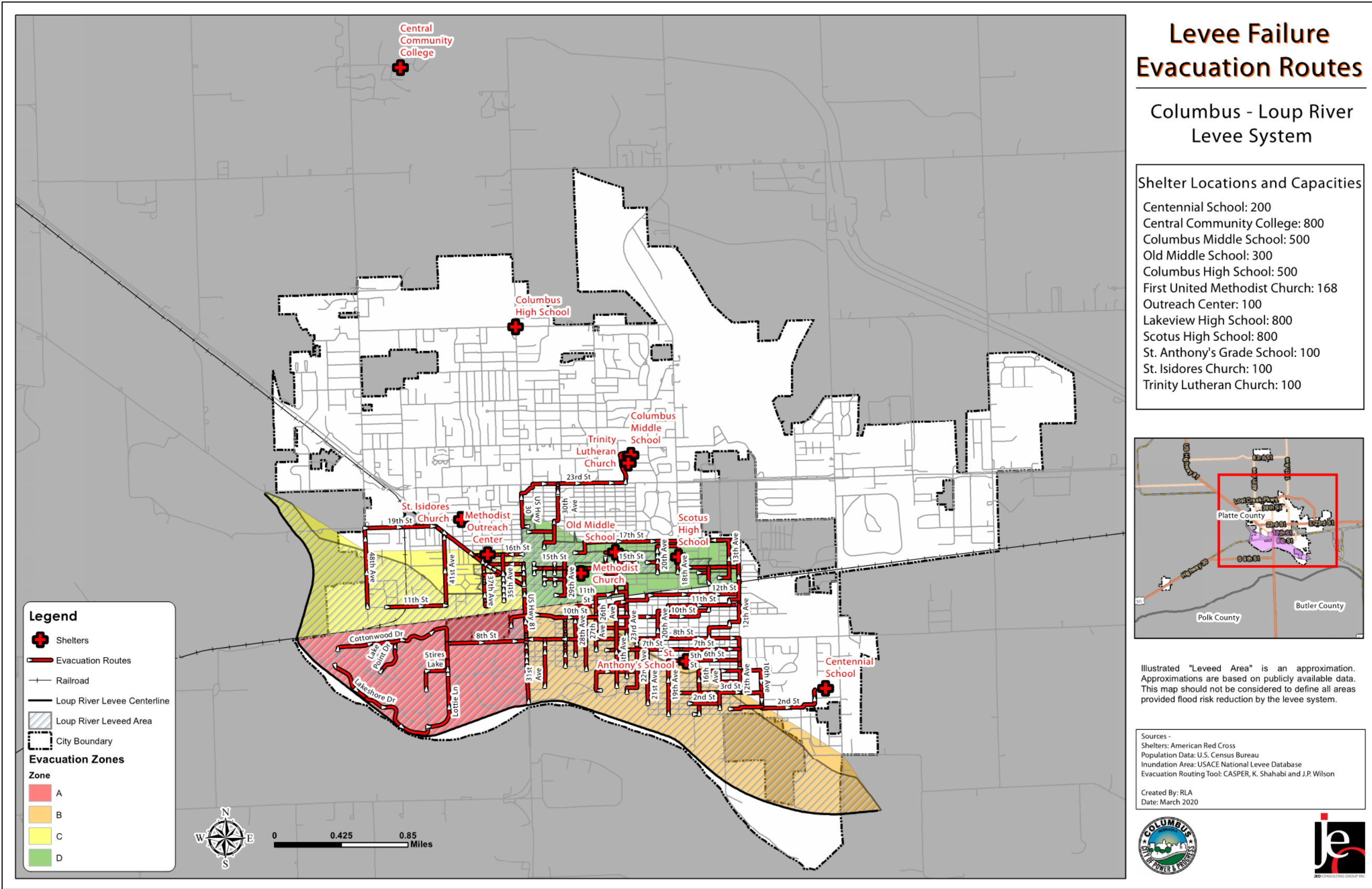
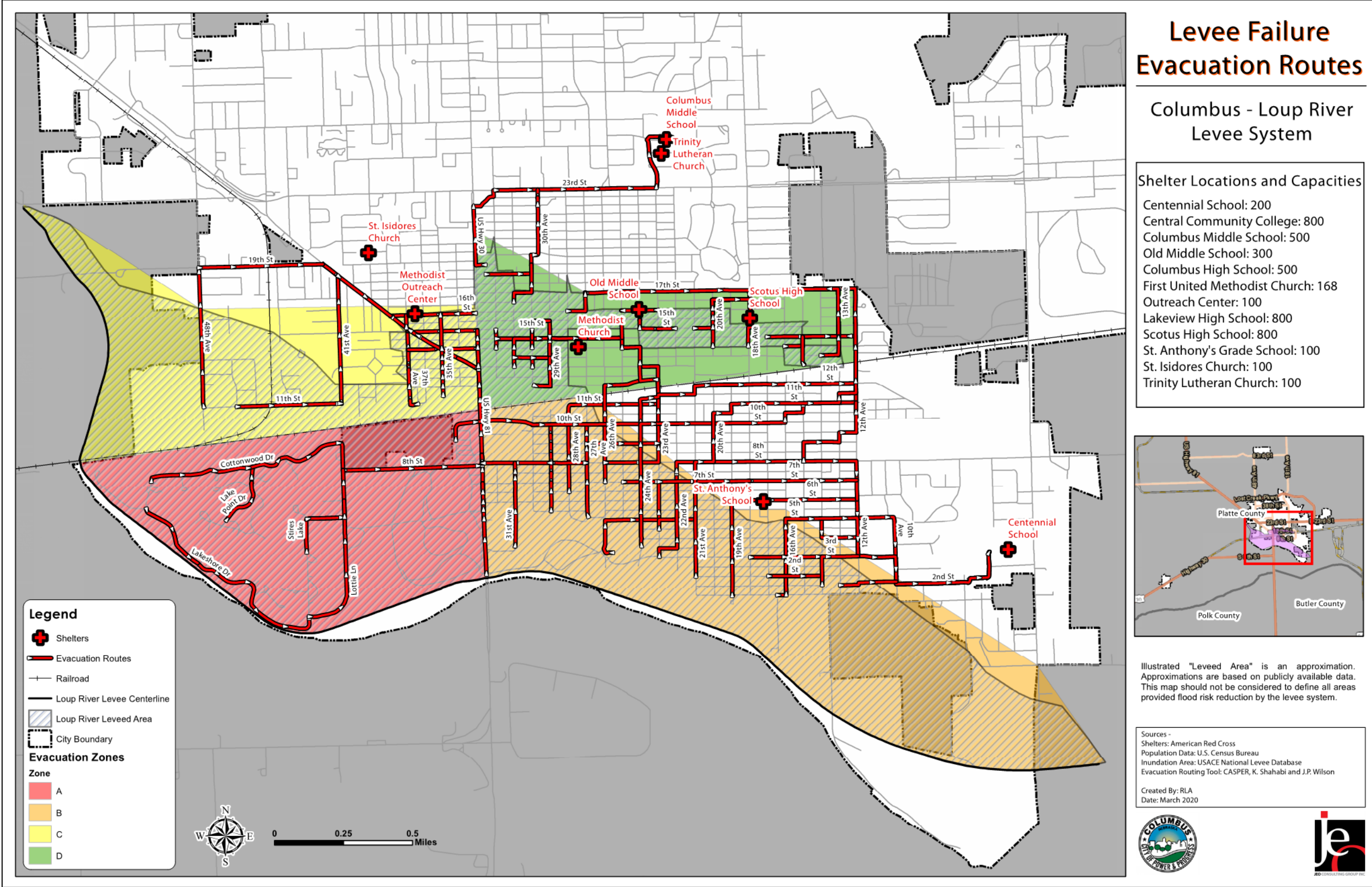


Figure 6: Evacuation Routes and Zones to Closest Shelter Locations



## Training and Exercise

The purpose of the Training and Exercise Plan is to document the ongoing effort to maintain the existing capabilities possessed by the City staff and to build additional skills and capacities associated with the management and maintenance of the Loup River Levee System. The Training and Exercise Plan is a living document that will be updated and refined on an annual basis. The plan will serve as a guide for the City and collaborative partners developing the required skills to execute the procedures and protocols established in the EPP. The goal of the Training and Exercise Plan is to ensure City staff are familiar with the critical functions associated with response efforts during levee-related situations. This plan should be reviewed in coordination with the multi-year Training and Exercise Plan for Platte County as many of the emergency-related functions associated with levee incidents will be performed in conjunction with city/county staff.

The Training and Exercise Plan for Platte County is maintained by the Platte County Emergency Management Department. The county plan is a five-year, all-hazards plan focusing on a wide range of emergency functions; where the Training and Exercise Plan in the EPP focuses primarily on needs associated with the Levee System.

The following discussion identifies training opportunities that would benefit levee-related staff in the City of Columbus. Any trainings that are completed from the following discussion should be reported to PCEMA for tracking as each jurisdiction within the County has NIMS training and exercise compliance requirements.

### Program Priorities

The following section identifies the core capabilities that will be addressed by City staff to strengthen existing capabilities and to build new skills of staff members associated with emergency response measures during levee-related events.

#### **Operational Coordination**

Establish and maintain a unified and coordinated operational structure and process that appropriately integrate all critical stakeholders and support the execution of core capabilities.

#### *Associated Capabilities:*

- Planning
- Public Information and Warning
- Intelligence and Information Sharing
- Physical Protective Measures
- Risk Management for Protection Programs and Activities
- Threat and Hazards Identification
- Operational Communications

#### *Trainings and Exercises that support this priority and associated capabilities:*

- IS 100: Introduction to the Incident Command System
  - Available through FEMA online Independent Study Program (<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.b>)
  - Recommended for levee-related staff

- IS 200: ICS for Single Resources and Initial Action Incidents
  - Available through FEMA online Independent Study Program (<https://training.fema.gov/is/courseoverview.aspx?code=IS-200.b>)
  - Recommended for levee-related staff
- ICS 300: Intermediate ICS for Expanding Incidents
  - Available through Columbus Fire Department
  - Recommended for the Mayor, City Administrator, City Engineer, and Street Superintendent
- ICS 400: Advanced ICS for Command and General Staff
  - Available through Columbus Fire Department
  - Recommended for the Mayor, City Administrator, City Engineer, and Street Superintendent
- IS 700.A: National Incident Management System (NIMS) An Introduction
  - Available through FEMA online Independent Study Program (<https://training.fema.gov/is/courseoverview.aspx?code=IS-700.a>)
  - Recommended for levee-related staff
- IS 800.B: National Response Framework, An Introduction
  - Available through FEMA online Independent Study Program (<https://training.fema.gov/is/courseoverview.aspx?code=IS-800.b>)
  - Recommended for levee-related staff
- Observe Tabletop Exercise (TTX) or Functional Exercise facilitated by PCEMA
- EOC Training
- Flooding TTX
- Levee failure TTX

### **Situational Assessment**

Provide all decision makers with relevant information regarding the nature and extent of the hazard, cascading effects, and the status of response.

#### *Associated Capabilities:*

- Environmental Response/Health and Safety
- Infrastructure Systems
- Operational Communications
- Operational Coordination
- Resource Management

#### *Trainings and Exercises that support this priority and associated capabilities:*

- IS 870.A: Dam Sector: Crisis Management
  - Available through FEMA online Independent Study Program (<https://training.fema.gov/is/courseoverview.aspx?code=IS-870.a>)
  - Recommended for City Engineer and City staff responsible for managing and maintaining the EPP

- USACE Flood Fight Training
  - Available through the USACE
  - Recommended for levee-related staff
- G361: Flood Fight Operations
  - Available through the Emergency Management Institute (<https://training.fema.gov/programs/aps/>)
  - Recommended for City staff involved in flood fight efforts

### Threat and Hazard Identification

Identify the threats and hazards associated with the Levee System; determine the potential for hazardous events to occur and potential magnitude; and incorporate this into analysis and planning processes.

#### *Associated Capabilities:*

- Planning
- Long-Term Vulnerability Reduction
- Community Resilience
- Risk Management for Protection Programs and Activities

#### *Trainings and Exercises that support this priority and associated capabilities:*

- IS-2001: Threat and Hazard Identification and Risk Assessment
  - This course is typically available through FEMA’s online Independent Study Program, but is currently being revised (as of 10/2017); the course will be made available upon completion of the revisions (<https://training.fema.gov/is/courseoverview.aspx?code=is-2001>)
  - Recommended for City Engineer and alternate

### Exercise Protocol

The Homeland Security Exercise and Evaluation Program (HSEEP) provides a set of guiding principles for exercise programs, as well as a common approach to exercise program management, design and development, conduct, evaluation, and improvement planning. The exercise protocol established here will focus on achieving the program capabilities identified previously. As these capabilities are achieved, they should be revised to reflect future goals. The City will work in coordination with the PCEMA and other community partners to exercise the necessary capabilities to manage levee-related situations. The exercise protocol will employ a progressive approach with exercises growing in complexity over multiple years. The exercises will build upon each other and support each step with necessary trainings. The different kinds of exercises that may be utilized for this protocol include:

**Workshop:** Employed to build specific products, such as a draft plan or policy.

**Tabletop Exercise:** Involves key personnel discussing simulated scenarios in an informal setting. Tabletop exercises can be used to assess plans, policies, and procedures.

**Drills:** Coordinated, supervised activities employed to validate a specific function or capability in a single agency or organization. Drills are commonly used to provide training on new equipment, validate procedures, or practice/maintain current skills.

**Functional Exercise:** A functional exercise examines and/or validates the coordination, command, and control between various multi-agency coordination centers (e.g. emergency operation centers, joint field offices, etc.). A functional exercise does not involve any “boots on the ground” (i.e. first responders or emergency officials responding to an incident in real time).

**Full-Scale Exercises (FSE):** A full-scale exercise is a multi-agency, multi-jurisdictional, multi-discipline exercise involving functional (e.g. joint field office, emergency operations center, etc.) and “boots on the ground” response.

Exercise Schedule

Table 13: Exercise Schedule

Action	Schedule	Function/Outcome
Emergency Contact Verification	Annually	City Engineer will review and update emergency contact identified in the EPP
Flap and Sluice Gate Drill	Annually	Ensure proper function of the flap and sluice gates; ensure staff are familiar with open/closure protocols
Tabletop Exercise	Annually	These exercises may be sponsored by the City or Platte County. TTX will be relevant to some component of levee failure events (i.e. flooding, evacuation, stranded vehicles, etc.)
Emergency Contact Exercise	Annually	City staff will review the EPP and exercise contact information identified in the document
Functional/Full-Scale Exercise	TBD	The City will participate in functional and/or full-scale exercises in coordination with Platte County

Plan Update and Review

The EPP will be reviewed annually or following significant Levee System-related events. Annual reviews will include exercising the contact information included in the plan and revising as necessary. The City of Columbus will provide copies of the EPP and any updates to PCEMA, USACE, and other community partners.

## Appendix A: Emergency Resources and Flood Fighting Equipment

This section contains the available resources and equipment for use during flood fighting.

- Description of resources to be available during a flood emergency
- List of available supplies and equipment through the City, USACE, and contractors

## Description of Resources

It is the City's responsibility to maintain that the following resources, at minimum, are readily available in the event of a flood emergency. Information pertaining to currently available City resources is provided next in this Appendix.

### 1. Sandbags

The City should maintain an adequate supply of sandbags. Sandbags have a limited shelf life and should be inspected annually and replaced when necessary. The stockpile of sandbags should be stored in a dry, secure location that does not expose the sandbags to sunlight. Continued sunlight and weather will rapidly deteriorate the sandbag material. Sandbag uses are detailed in *Appendix B*.

### 2. Plastic Sheeting

The City should stockpile plastic sheeting. The plastic sheeting should be 6 mils (0.006 inches), clear polyethylene with UV protection. Plastic sheeting uses are detailed in *Appendix B*.

### 3. Shovels/Sandbag Filling Machines

At minimum, the City should have multiple shovels available to be used for sandbag filling. USACE sandbag filling machines from the USACE Omaha District are available to fill sandbags for public critical infrastructure and should be requested through the County and State. It should be noted that the Omaha District sandbag filling machines are ideal with dry sand only and do not work well with wet sand. The Omaha District is looking into purchasing an automatic filling machine in the future. The City may also consider investing in some equipment that will allow for faster sandbagging operations. Details on sandbagging operations are provided in *Appendix B*.

### 4. Emergency Lighting

The City should prepare access to emergency lighting which would be readily available for night time flood fighting efforts.

### 5. Communication System

The City should maintain a reliable communication system for coordinating flood fighting efforts and for calling for assistance when needed. Two-way radios are preferable because of their reliability for short distances and capability to broadcast to several people at once.

### 6. Riprap for Erosion

While riprap may not be available to stockpile, the City should at least know of a location to acquire emergency riprap, if needed.

### 7. Floatation Vests/Life Jackets

Floatation coats or vests are recommended and should be worn at all times when working near the riverward crest of the Levee System, on the riverward side slope, or near fast-moving water. The City should stockpile floatation vests and have access to additional floatation vests.

### 8. Pumps

The City should own pumps to control interior drainage and seepage through the Levee System during flood fighting efforts. If additional or larger capacity pumps are needed, the City can request such pumps from the USACE. The availability of these pumps changes and requests are typically prioritized based on emergency level.

### List of Available Supplies and Equipment

The City of Columbus has resources and materials that can be utilized in the event of an emergency. The following table lists the items available for use during flood fighting.

**Table 14: Columbus Supplies/Equipment (As of 1/9/2018)**

Item(s)	Quantity	Notes
Sand Bags	25,000	Located at: EM Motor Pool, 3010 10 <sup>th</sup> St.
Sand & Gravel	Several truck loads	Located at: Central Maintenance, 4528 19 <sup>th</sup> St. EM Motor Pool, 3010 10 <sup>th</sup> St. Van Berg Golf Course, 560 Van Berg Dr.
Barricades	50	CMF-Streets
Tractor	2	Water Utility/CMF
Vac Truck/Flush Truck	2	Water Utility/CMF
Sweeper Mechanical Motorized Johnston	2	CMF-Streets
Trailer	5	3-14 Ton/CMF
Portable Pump 12"	-	Available to rent
Portable pumps 10"	-	Available to rent
Portable pump 6"	1	Water Utility/CMF
Portable pump 4"	2	Water Utility/CMF
Portable pump 3"	3	Water Utility/CMF
Portable Generator 100KW	1	Water Utility/CMF
Portable Generator 75KW	2	Water Utility/CMF
Portable Generators 7200-4000W	7	Water Utility/CMF
Air Compressor	2	CMF
Small power/hand tools (saws, drills, etc.)	Assortment	CMF
Portable Lights	3	Water Utility/CMF
Shovels	55	CMF
80 HP Tractor	3	CMF-Streets
Backhoe Loader	3	CMF-Water Utility-Parks
74-HP Bobcat	1	CMF-Streets
8-10 Yard Dump Truck	4	CMF-WWTP
5 Yard Dump Truck	10	CMF-Streets
Life Jackets	1/levee patroller	For levee patrol staff – To be borrowed from Fire Dept.
Gloves	1/levee patroller	For levee patrol staff – Distributed as needed
Throw Ropes	1/levee patrol	For levee patrols
Plastic Sheeting		

Table 15: Equipment/Supply Vendors

Company	Phone	Address	Notes
BD Construction	402-564-1225	2154 E. 32 <sup>nd</sup> Avenue Columbus, NE 68601	Construction and heavy equipment
Bierman Construction	402-564-4749	2560 E. 29 <sup>th</sup> Avenue Columbus, NE 68601	Construction and heavy equipment
Central Sand and Gravel	402-564-7141	4521 Howard Blvd Columbus, NE 68601	Sand and gravel supplier
Gehring Construction & Ready Mix	402-564-2499	5424 W. Meadow Drive Columbus, NE 68601	Cement, construction, and heavy equipment
Koch Excavating	402-564-6116	5211 Howard Blvd Columbus, NE 68601	Construction and heavy equipment
Sunbelt Rentals	402-564-1550	1500 23 <sup>rd</sup> Street Columbus, NE 68601	Generator and heavy equipment rental
USACE	402-995-2448	1616 Capital Avenue, Omaha, NE 68102	Pumps, hoses, plastic tubing, portadams, RDFW, Hesco, sandbags, super-sandbags, filter fabric, poly rolls, sandbag machines

Locally Available Equipment/Construction Services

Table 16: BD Construction

Items	Quantity
Dozer	1
Dump Truck	3
Loader	2
Bobcat	4
Earth Roller	2
Grader	1
Scraper	2
Tractor Backhoe	2
Compaction Attachment for Backhoe	1
Fork Lift	3
Tractor & Trailer	1
Pumps	1
Operators	8

**Table 17: Bierman Construction**

Items	Quantity	Notes
Dump Truck	3	2 End Dumps, 1 Side Dump
Loader	2	
Loader Attachments	2	2 Forks
Bobcat	5	
Earth Roller	1	1 Vibratory Sheepsfoot
Tractor Backhoe	1	1 Tracked Excavator, 2 Mini-Excavator
Fork Lift	3	3 Telehandlers
Tractor & Trailer	1	1 Mack Tractor – 50-ton Lowboy
Air Compressor	1	
Welder	5	
Misc. Equipment (Chainsaw, Cutoff Saw, Tamper)	6	1 Chainsaw, 3 Cutoff Saws, 2 Tampers
Operators	Several	

**Table 18: Koch Excavating**

Items	Quantity
Dozer	2
Dump Truck	12
Loader	4
Bobcat	2
Scraper/Tractor	1
Tractor Backhoe – Excavators	2
Compaction Attachment for Backhoe	1
Laborers	13

Table 19: USACE Available Flood Fight Equipment

OMAHA DISTRICT EMERGENCY MANAGEMENT EQUIPMENT LIST									
District	Bin	Material/Equipment Description	Quantity	Size	Location (Zip Code)	City	State	County	Bar Code
Pumps									
NWO	CENWO-GA-W	Pump, Crisafulli	1	10"	Williston Resource Office	Williston	ND	Williams	70806
NWO	CENWO-GA	Pump, Crisafulli	1	12"	Garrison Project Office	Riverdale	ND	Mclean	70212
NWO	CENWO-GA	Pump, Gator	1	10"	Garrison Project Office	Riverdale	ND	Mclean	70781
NWO	CENWO-FP	Pump, Gator	1	12"	Ft Peck Project Office	Fort Peck	MT	Valley	71463
NWO	CENWO-FP	Pump, Gator	1	16"	Ft Peck Project Office	Fort Peck	MT	Valley	71472
NWO	CENWO-FP	Pump	1	4"	Ft Peck Project Office	Fort Peck	MT	Valley	14064
NWO	CENWO-FP	Pump, Crisafulli	1	6"	Ft Peck Project Office	Fort Peck	MT	Valley	NA
NWO	CENWO-OA	Pump, Gator	1	16"	Oahe Project Office	Pierre	SD	Hughes	74729
NWO	CENWO-OA	Pump, Crisafulli	1	16"	Oahe Project Office	Pierre	SD	Hughes	71496
NWO	CENWO-BB	Pump, Crisafulli	1	16"	Big Bend	Fort Thompson	SD	Buffalo	70067
NWO	CENWO-BB	Pump, Gator	1	16"	Big Bend	Fort Thompson	SD	Buffalo	71244
NWO	CENWO-FR	Pump, Gator	1	16"	Ft Randall	Pickstown	SD	Charles Mix	73156
NWO	CENWO-FR	Pump, MQ Diaphram	1	3"	Ft Randall	Pickstown	SD	Charles Mix	98282
NWO	CENWO-FR	Pump, MQ	1	3"	Ft Randall	Pickstown	SD	Charles Mix	98679
NWO	CENWO-GP	Pump, Gator	1	16"	Gavins Point	Yankton	SD	Yankton	71460
NWO	CENWO-GP	Pump, Gator	2	2"	Gavins Point	Yankton	SD	Yankton	
NWO	CENWO-GP	Pump, Gator	1	4"	Gavins Point	Yankton	SD	Yankton	
NWO	CENWO-MR	Pump, Crisafulli	1	10"	MR Project Office	Omaha	NE	Douglas	71486
NWO	CENWO-MR	Pump, Crisafulli	1	10"	MR Project Office	Omaha	NE	Douglas	71487
NWO	CENWO-MR	Pump, Crisafulli	1	12"	MR Project Office	Omaha	NE	Douglas	71489
NWO	CENWO-MR	Pump, Crisafulli	1	12"	MR Project Office	Omaha	NE	Douglas	71490
NWO	CENWO-MR	Pump, Crisafulli	1	12"	MR Project Office	Omaha	NE	Douglas	71492
NWO	CENWO-MR	Pump, Crisafulli	1	16"	MR Project Office	Omaha	NE	Douglas	71493
NWO	CENWO-MR	Pump, Crisafulli	1	16"	MR Project Office	Omaha	NE	Douglas	71495

OMAHA DISTRICT EMERGENCY MANAGEMENT EQUIPMENT LIST									
District	Bin	Material/Equipment Description	Quantity	Size	Location (Zip Code)	City	State	County	Bar Code
NWO	CENWO-MR	Pump, Gator	1	12"	MR Project Office	Omaha	NE	Douglas	71462
NWO	CENWO-MR	Pump, Gator	1	16"	MR Project Office	Omaha	NE	Douglas	71473
NWO	CENWO-MR	Pump, Gator	1	16"	MR Project Office	Omaha	NE	Douglas	71464
	<b>TOTAL</b>	<b>Pumps</b>	28						
Crisafulli					Gator				
		16" - 8600 GPM			16" - 600-12000 GPM				
		12" - 3500-6000 GPM			12" - 5000-6500 GPM				
		10" - 3150-4000 GPM			10" - 3000-3600 GPM				
		6" - 1600-2100 GPM							
		4" - 700-940 GPM							
<b>Hoses</b>									
NWO	CENWO-FR	Pump Hose	3	3", 25'	Ft Randall	Pickstown	SD	Charles Mix	
NWO	CENWO-FR	Pump Hose	1	16", 40'	Ft Randall	Pickstown	SD	Charles Mix	
NWO	CENWO-FR	Pump Hose	7	25", 50"	Ft Randall	Pickstown	SD	Charles Mix	
NWO	CENWO-MR	Pump Hose	2	10"; 50'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	2	10";100'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	14	12"; 50'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	3	12"; 100'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	1	12", 30'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	1	16"; 50"	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	Pump Hose	14	16"; 100'	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-OA	Pump Hose	5	16"; 50'	Oahe	Pierre	SD	Hughes	
NWO	CENWO-OA	Pump Hose	1	16"; 100'	Oahe	Pierre	SD	Hughes	
	<b>TOTAL</b>	<b>Hoses</b>	89						
<b>Plastic Tubing</b>									
NWO	CENWO-FR	Plastic Tubing	8	25", 50'	Ft Randall	Pickstown	SD	Charles Mix	

OMAHA DISTRICT EMERGENCY MANAGEMENT EQUIPMENT LIST									
District	Bin	Material/Equipment Description	Quantity	Size	Location (Zip Code)	City	State	County	Bar Code
Portadams									
NWO	CENWO-MR	Portadam	na		Omaha, NE 68112	Omaha	NE	Douglas	
		Portadam	750		150'/5 units	Omaha			
		Portadam	300		100'/3 units	Omaha			
		Portadam	300		50'/6 units	Omaha			
	<b>TOTAL (LF)</b>	<b>Portadam</b>	1,350						
RDFW									
NWO	CENWO-MR	<b>RDFW</b>	<b>1,200</b>	LF	Omaha, NE 68112	Omaha	NE	Douglas	
Hesco									
NWO	CENWO-MR	HESCO Baston	na		Omaha, NE 68112	Omaha	NE	Douglas	
		HESCO Baston	2,610		3' Field (Flood)/168 units (28 Pallets)	Omaha			
		HESCO Baston	0		3' Civil (Storm)/0 Units	Omaha			
		HESCO Baston	9,540		4' Field (Flood)/600 Units (100 pallets) 3780 LF	Omaha			
		HESCO Baston	7,350		4' Civil (Storm)/490 Units (49 pallets)	Omaha			
						Cheyenne	WY		
	<b>TOTAL (LF)</b>	<b>HESCO Baston</b>	19,500	<b>LF</b>					
Sandbags									
NWO	CENWO-MR	Sandbags	4,532,000	EA	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-GA	Sandbags (Burlap)	26,000	EA	Garrison Project Office	Riverdale	ND	Mclean	Semi-Trailer
NWO	CENWO-GA	Sandbags (Plastic)	79,000	EA	Garrison Project Office	Riverdale	ND	Mclean	Semi-Trailer
NWO	CENWO-GA-P	Sandbags	10,000	EA	Pipestem Dam	Jamestown	ND	Stutsman	
NWO	CENWO-GA-W	Sandbags	5,000	EA	Williston Dam	Williston	ND	Williams	
NWO	CENWO-FP	Sandbags	1,195,000	EA	Ft Peck Project Office	Fort Peck	MT	Valley	

OMAHA DISTRICT EMERGENCY MANAGEMENT EQUIPMENT LIST									
District	Bin	Material/Equipment Description	Quantity	Size	Location (Zip Code)	City	State	County	Bar Code
NWO	CENWO-OA	Sandbags	200,000	EA	Oahe Project Office	Pierre	SD	Hughes	
NWO	CENWO-GP	Sandbags	100,000	EA	Gavins Point	Yankton	SD	Yankton	
NWO	CENWO-TL-CH	Sandbags	63,700	EA	Tri-Lakes	Chatfield Dam	CO	Arapahoe	
NWO	CENWO-TL-CC	Sandbags	35,000	EA	Tri-Lakes	Cherry Crk Dam	CO	Arapahoe	
NWO	CENWO-TL-BC	Sandbags	4,000	EA	Tri-Lakes	Bear Creek Dam	CO	Arapahoe	
NWO	CENWO-BB	Sandbags	80,000	EA	Big Bend	Fort Thompson	SD	Brule	
NWO	CENWO-FR	Sandbags	195,000	EA	Ft Randall	Pickstown	SD	Charles Mix	
NWO	CENWO-OG	Sandbags	290,000	EA	Ogallala, NE (State EM)	Ogallala	NE		
	<b>TOTAL</b>	<b>Sandbags</b>	<b>6,814,700</b>						
Super-Sandbags									
NWO	CENWO-MR	35x35x35	4,745	EA	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-MR	35x35x34	450	EA	MR Project Office	Omaha	NE	Douglas	
	Total	<b>Super Sandbags</b>	<b>5,195</b>						
Filter Fabric									
NWO	CENWO-GA	Filter Fabric	1	EA	Garrison	Riverdale	ND	Mclean	Pick City Storage Building
NWO	CENWO-GA	Filter Fabric	17	EA	Garrison	Riverdale	ND	Mercer	
	<b>TOTAL</b>	<b>Filter Fabric</b>	<b>18</b>						
Poly Rolls									
NWO	CENWO-MR	Poly Rolls	1,794	EA	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-FP	Poly Rolls	300	EA	Ft. Peck	Fort Peck	MT	Valley	
NWO	CENWO-OA	Poly Rolls	200	EA	Oahe	Pierre	SD	Hughes	
NWO		Poly Rolls	200	EA	Garrison	Riverdale	ND	Mclean	
NWO	CENWO-TL	Poly Rolls	0	EA	Tri-Lakes	Dam Sites	CO	Arapahoe	
NWO	CENWO-FR	Poly Rolls	4	EA	Ft Randall	Pickston	SD	Charles Mix	
NWO	CENWO-BB	Poly Rolls	9	EA	Big Bend	Fort Thompson	SD	Brule	

OMAHA DISTRICT EMERGENCY MANAGEMENT EQUIPMENT LIST									
District	Bin	Material/Equipment Description	Quantity	Size	Location (Zip Code)	City	State	County	Bar Code
NWO	CENWO-GP	Poly Rolls	4	EA	Gavins Point	Yankton	SD	Yankton	
	<b>TOTAL</b>	<b>Poly Rolls</b>	<b>2,511</b>						
Sandbag Machines									
NWO	CENWO-MR	Sand Bag Machines	1	EA	MR Project Office	Omaha	NE	Douglas	
NWO	CENWO-OA	Sand Bag Machines	1	EA	Oahe	Pierre	SD	Hughes	
NWO	CENWO-GA	Sand Bag Machines	1	EA	Garrison	Riverdale	ND	Mercer	
	<b>TOTAL</b>	<b>Sand Bag Machines</b>	<b>3</b>						
Inventory Completed in Feb 2017									

## Appendix B: Flood Fighting Techniques

This section contains standard operating procedures that may need to be employed during levee-related emergencies. Techniques outlined include:

- Standard Operating Procedures for Sandbagging
- Standard Operating Procedure for Mitigating Sand Boil
- Additional Flood Fighting Techniques (Pages 79 through 96)

## Standard Operating Procedure for Sandbagging

Sandbags can be used to close an opening in a flood risk management project such as a levee, raising the height of a levee, or to protect areas with no levee. When placing sandbags on a levee, they should begin one (1) foot from the riverward edge of the levee crown and placed in a stable pyramid structure. The base of the pyramid should be approximately three times the height.

- Filling the sandbags: 2-3-person job
  - **Person A** - while crouching with feet apart and arms extended should place the bottom of the empty bag on the ground
    - Opening of the bag is folded outward about 1-1/2 inches to form a collar
  - **Person B** - utilizing a rounded or pointed shovel will fill the bag ½ to ¾ full
  - **Person C** - can take filled sandbags and stack them
- Leave the bags untied
- Make sure to **use gloves while handling the bags** and avoid touching your eyes and mouth after handling
- **Use safety goggles** on dry and windy days
- Proper placement
  - Place the bags beginning on the downstream side working upstream
  - Bags should be placed lengthwise and parallel to the direction of flow
  - Fold open end of the bag under the filled portion. Folded end should face upstream.
  - Place succeeding bags with the bottom of the bag tightly and partially overlapping previous bag
  - Offset rows and layers by one-half bag length to avoid continuous joints
  - To eliminate voids and to form a tight seal, compact and shape each bag by walking on it. This also flattens the top of the bag and prevents slippage between succeeding layers
  - Remember to build utilizing a pyramid placement (i.e. approximately 3 bags wide for 1-foot height)
- Bags required per 100 linear feet of levee
  - 1 foot = 600 bags
  - 2 feet = 2,100 bags
- If time allows, lay down plastic when sandbagging to prevent/reduce seepage
  - Place the plastic perpendicular to the levee and under the first or second row of sandbags
  - Seams shall be overlapped a minimum of two (2) feet
  - The upstream portion of the plastic shall be on top of the downstream portion
  - Wrap the plastic up and over the sandbags and hold down with additional bags
  - Bags should also be placed on the seams

Figure 7: Proper sandbag filling level

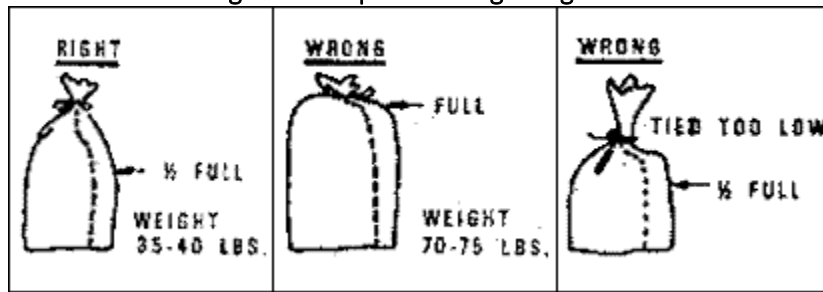
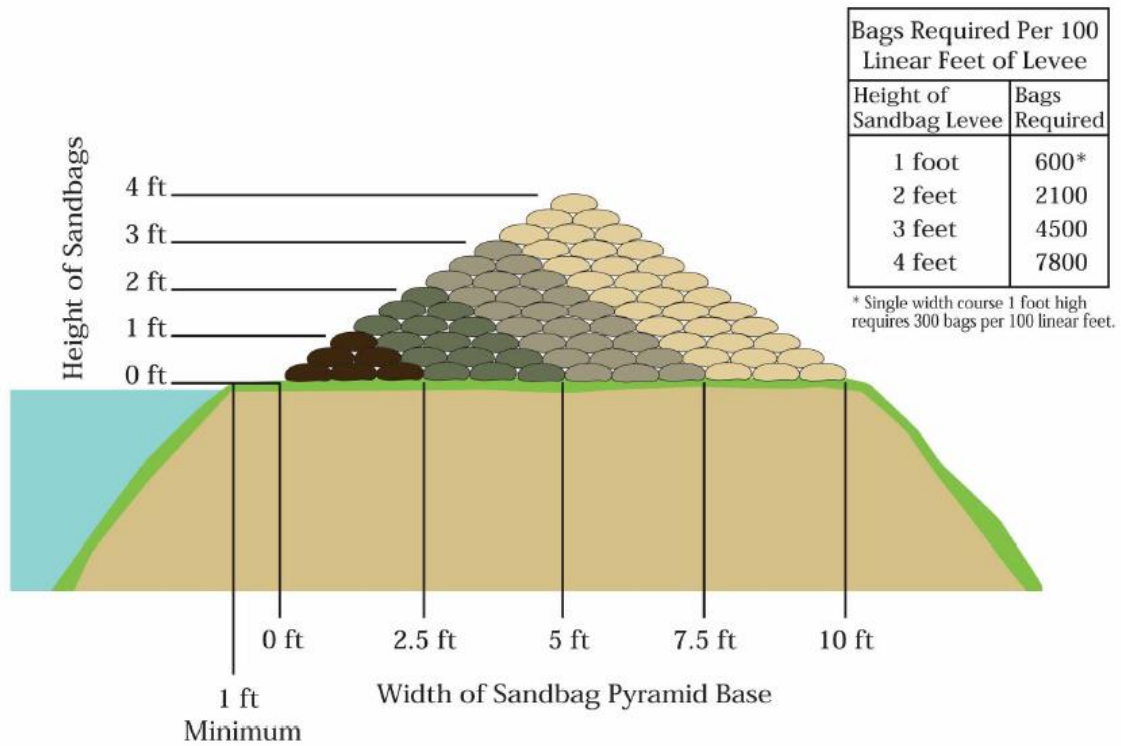


Figure 8: Typical Pyramid Sandbag Placement

## TYPICAL PYRAMID SANDBAG PLACEMENT



### Standard Operating Procedure for Mitigating Sand Boils

Water can seep through levee foundation or embankment creating a sand boil. Muddy water indicates that there is internal erosion within the levee itself. Constructing a ring of sandbags around the sand boil is common practice to mitigate the damage a sand boil can cause. The sandbag ring creates a pool of water around the boil that counter-balances the upward pressure of the seepage flow (this is the pressure that causes the sand boil).

The sandbag ring should not be built to a height that stops the flow of water because of the probability of building up an excessive local pressure head, causing additional failures and boils nearby. The accepted method of ringing or stacking a sand boil is described below and shown in the following figures.

- The base of the sandbag ring is prepared by clearing the adjacent ground of debris, vegetation, or other objectionable materials, to a width sufficient for the base of the ring. The base should then be thoroughly scarified to provide a watertight bond between the natural ground and the sandbag ring.
- The sandbags are laid in a general ring around the sand boil, with joints staggered and with loose earth as mortar between all sacks. In general, it has been found that the best results can be obtained by commencing construction of the sandbag ring at the outer edge and working towards the center.
- The ring is carried to a sufficient height to stop the flow of soil from the sand boil. Work is stopped when clear water only is being discharged.
- A V-shaped drain constructed of two boards or a piece of sheet metal should be inserted near the top of the ring to carry off water. A spillway made of sandbags can also be used to discharge water from the sandbag ring.

It is not possible to establish an exact dimension for sandbag rings, but in general, the ring should be 1-1/2 times the height of the ring structure. At minimum, there should be a 2 to 3-foot radius from the center of the sand boil to the inside edge of the ring levee. In addition, the height of the ring levee should only be sufficient to reduce the flow through the sand boil so that no more material is displaced and the boil runs clear. Appropriate personal safety equipment such as gloves and safety goggles should be worn during sandbagging operations.

The following points should be considered related to sand boils and mitigation activities:

- DO NOT ring a sand boil if it is not moving material (i.e. the water is clear)
- DO NOT place sand bags directly on top of sand boils
- Make sure to build an overflow section so water overtops the ring levee in a controlled manner and away from the ring levee
- Tie the ring levee into the levee **if** the sand boil is near the toe of the levee
- If the sand boil is located on the slope of the levee, build a half moon shape ring levee on the levee slope

Figure 9: Ringing Sand Boils with Sacked Earth

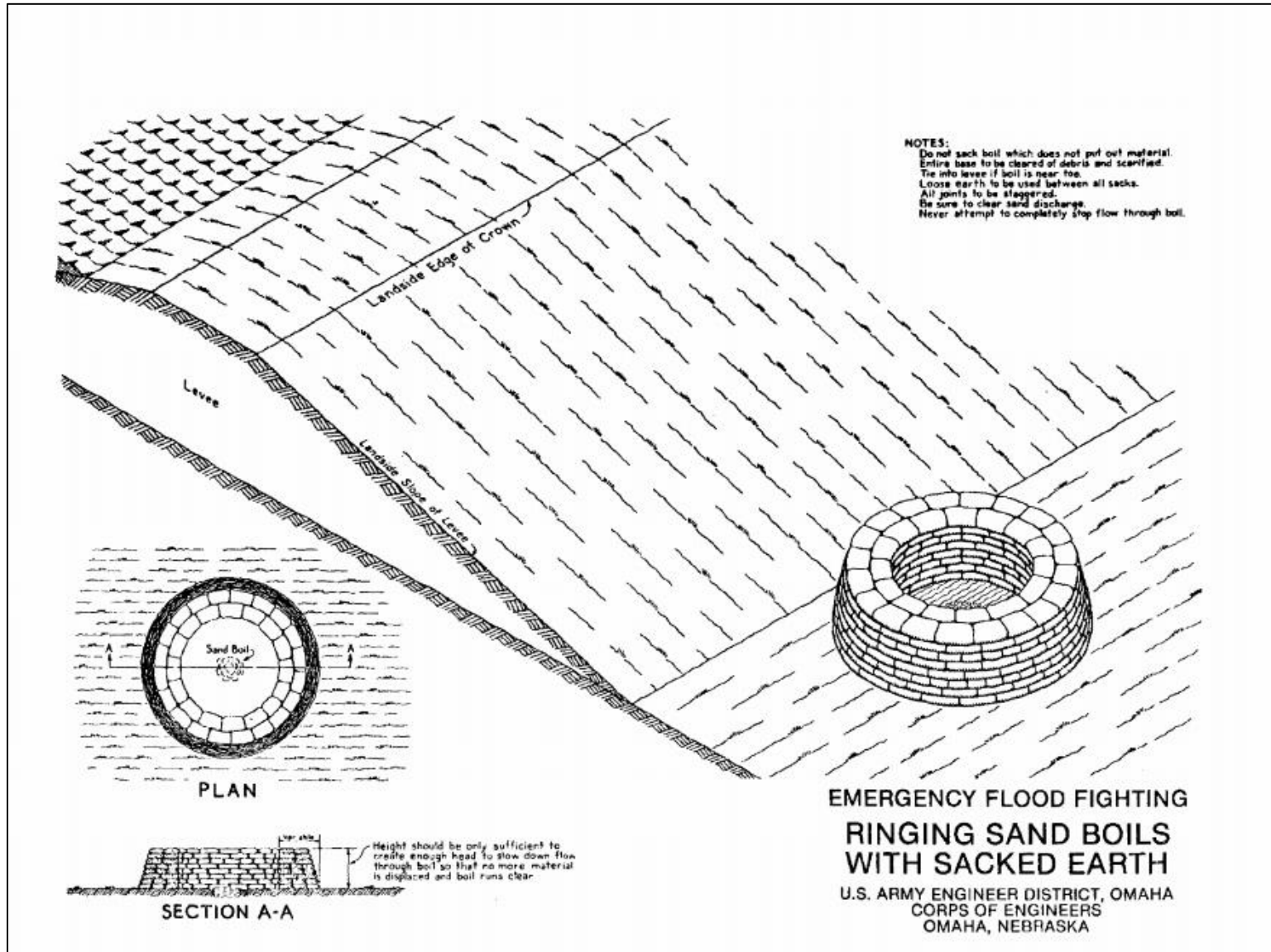


Figure 10: Control of Sand Boils (away from levee)

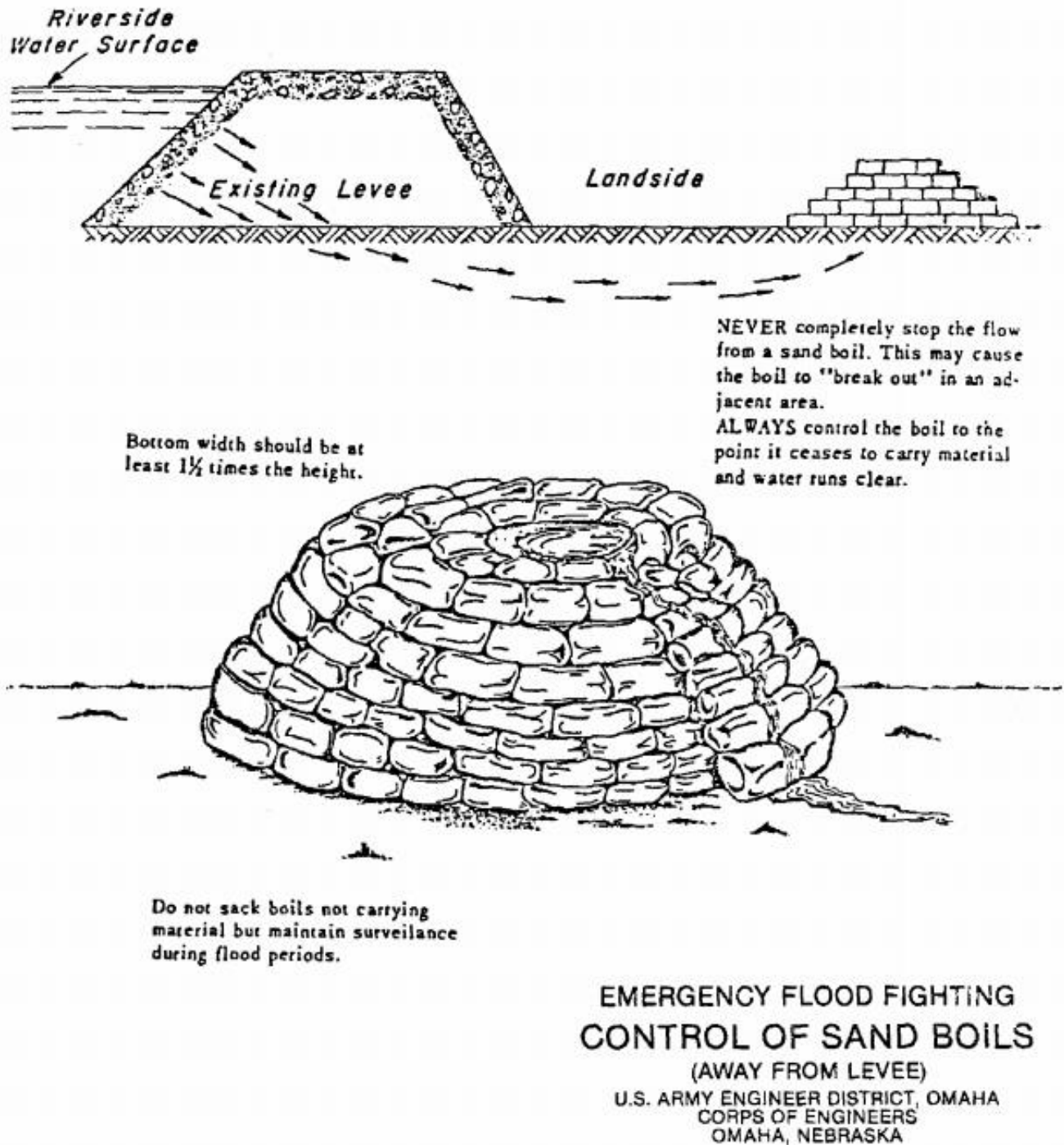
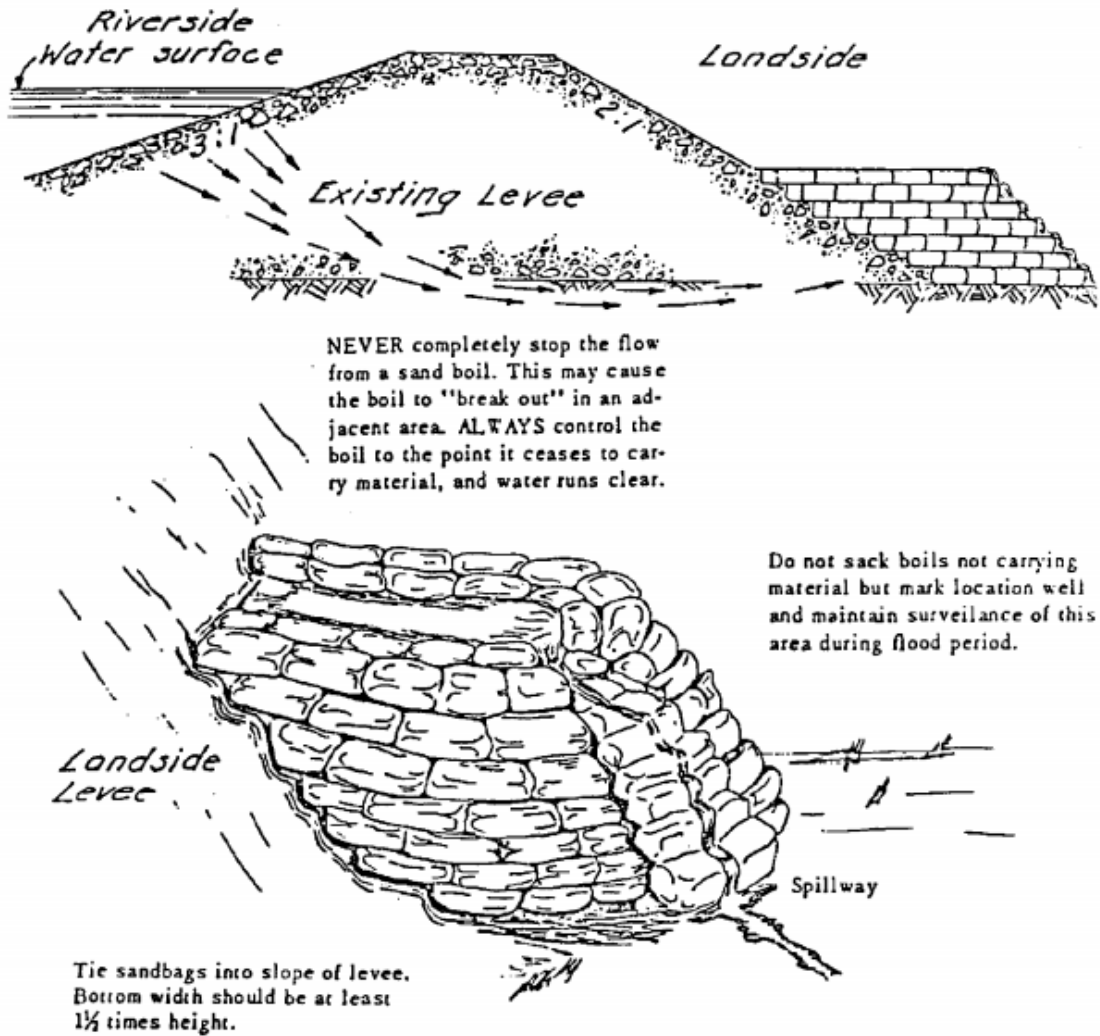


Figure 11: Control of Sand Boils (near levee)



**EMERGENCY FLOOD FIGHTING  
CONTROL OF SAND BOILS  
(NEAR LEVEE)**

U.S. ARMY ENGINEER DISTRICT, OMAHA  
CORPS OF ENGINEERS  
OMAHA, NEBRASKA

Figure 12: Effects of Excessive Underseepage on Levees

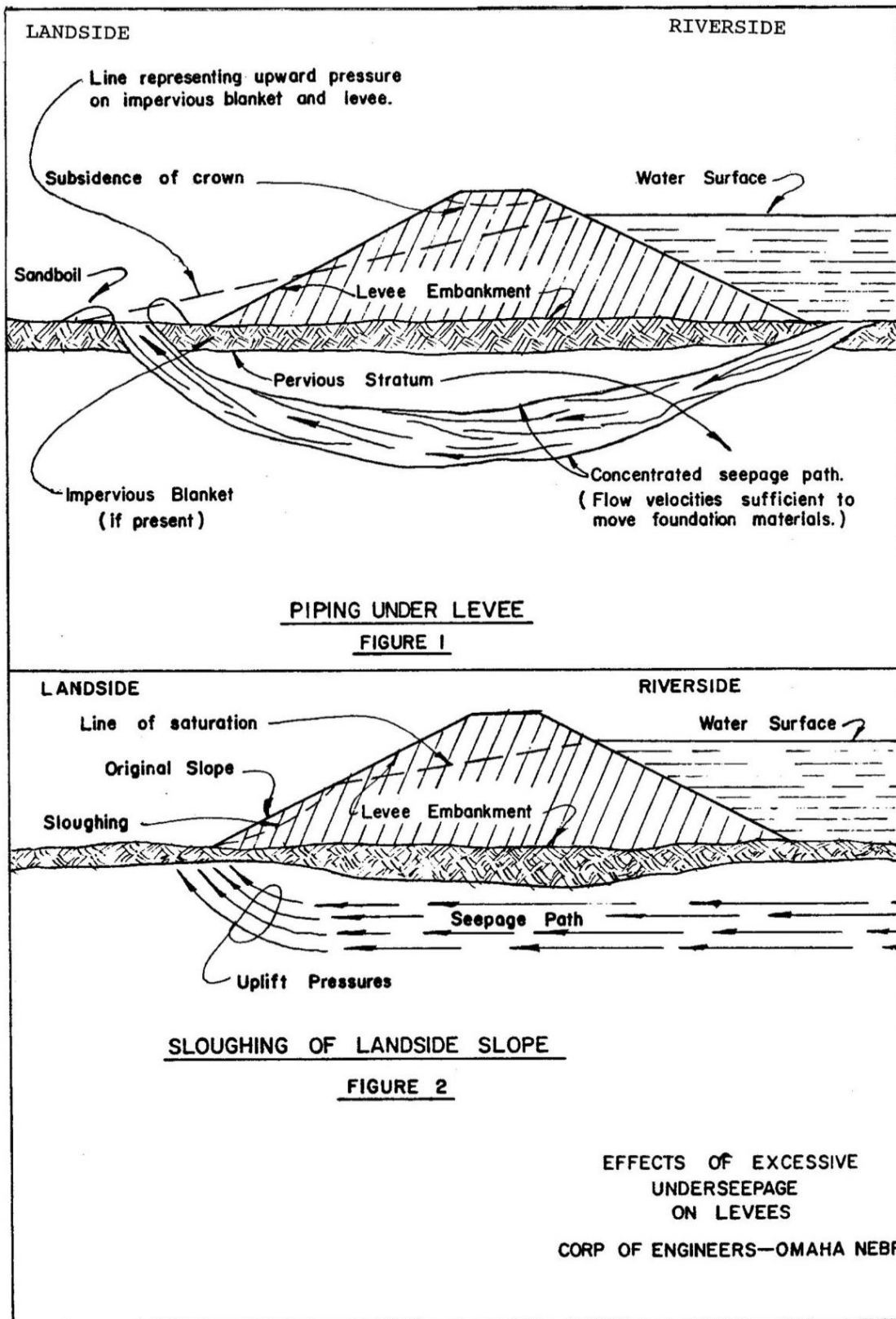


Figure 13: High Water Sack Topping

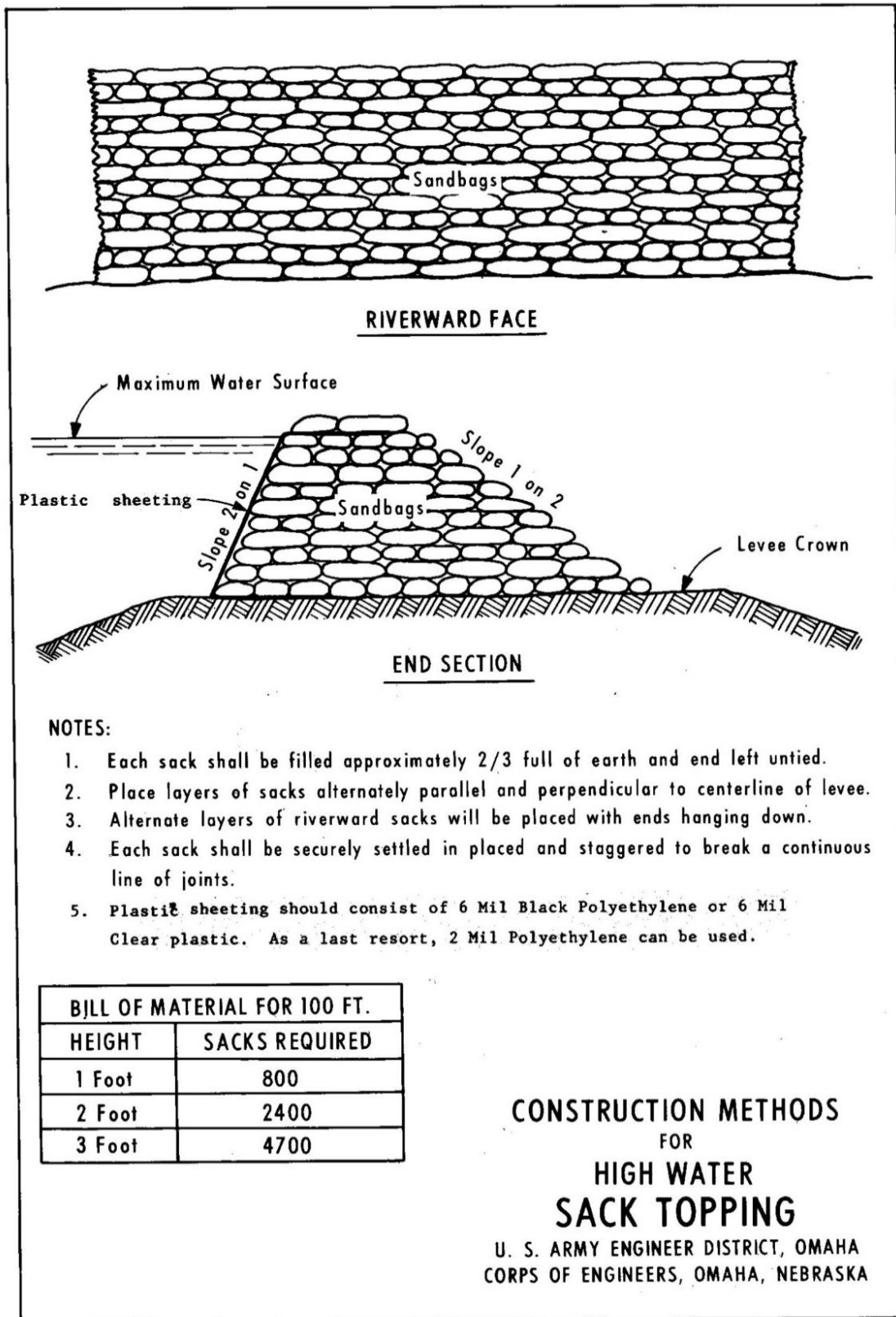


Figure 14: High Water Lumber and Sack Topping

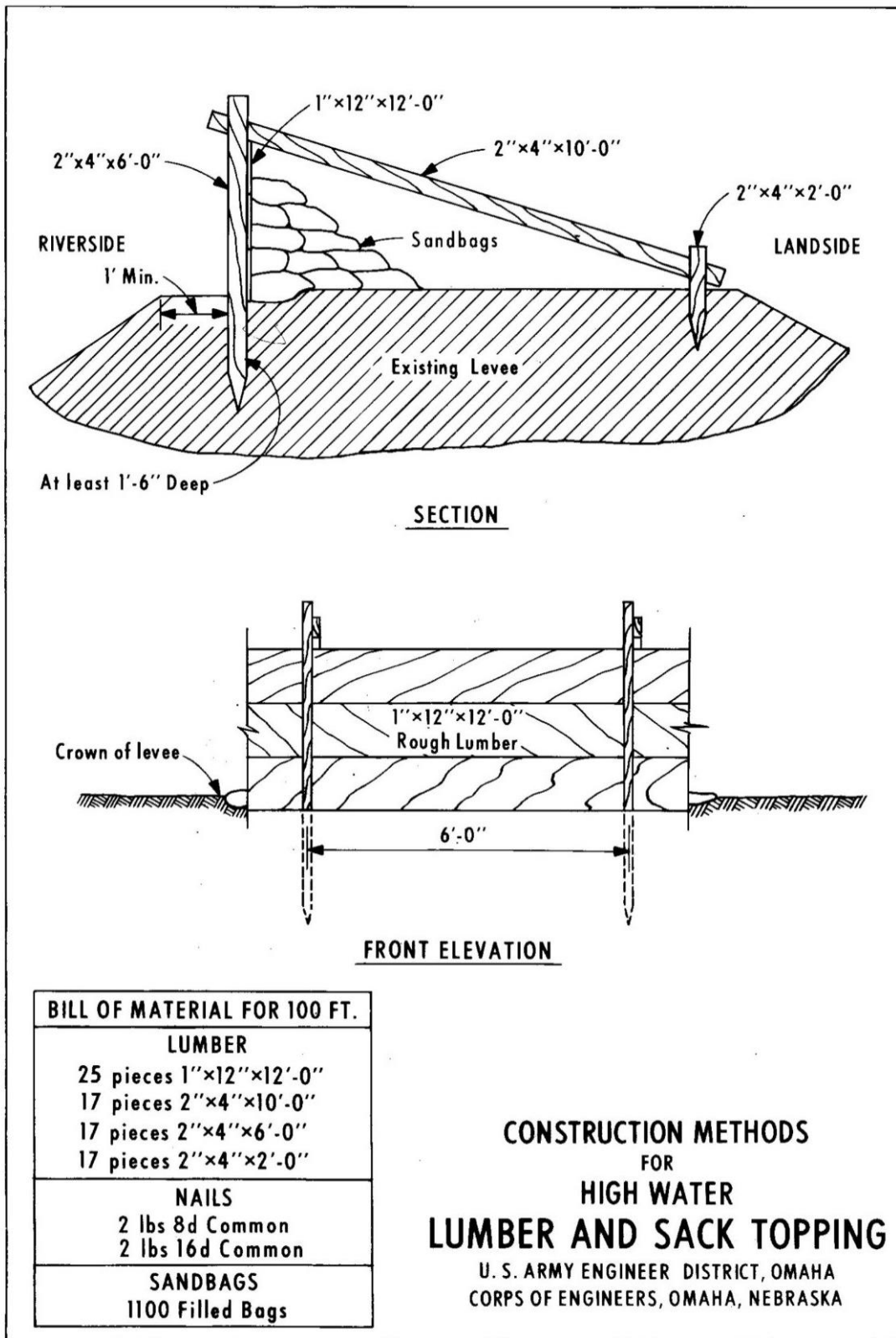
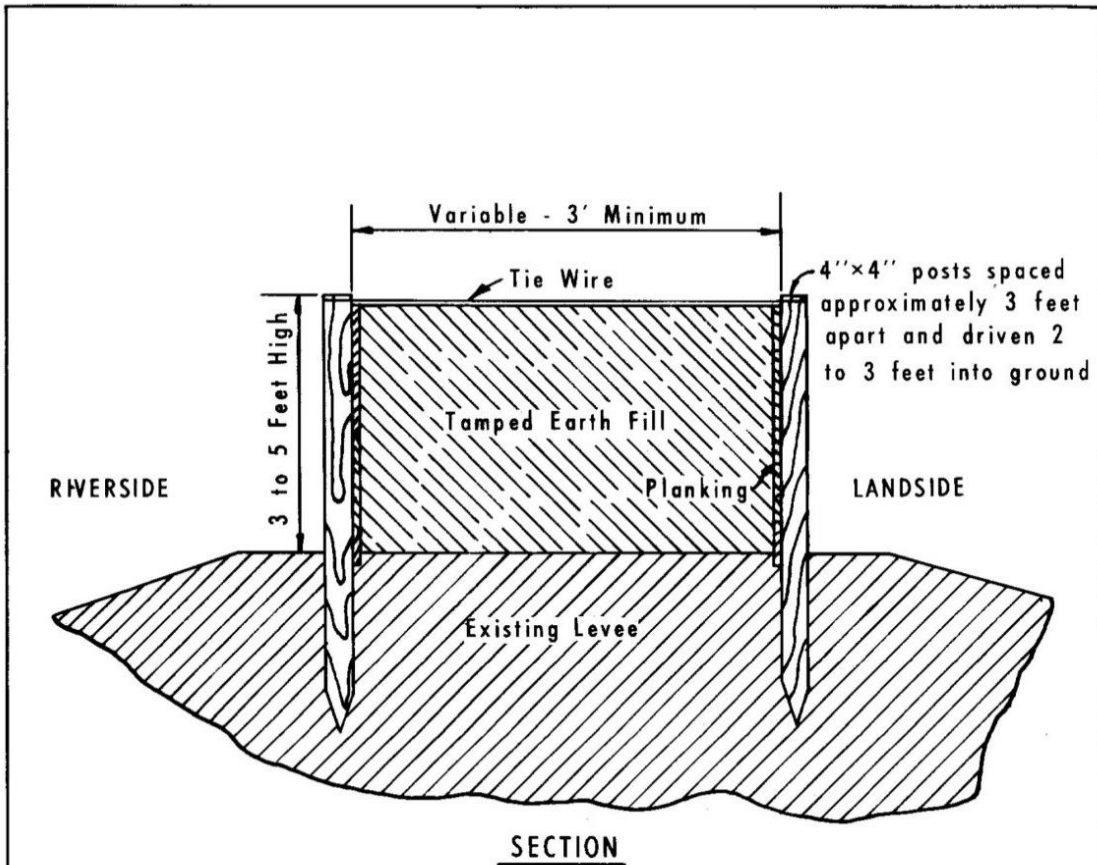


Figure 15: High Water Mud Box



BILL OF MATERIAL FOR 100 LINEAR FEET			
Height	3 Ft.	4 Ft.	5 Ft.
4"x4" Posts	62 Pieces 6' Long	62 Pieces 7' Long	62 Pieces 8' Long
1"x8"x10'-0" Planking	100 Pieces	120 Pieces	150 Pieces
Nails - 8d Common	7½ lbs.	9½ lbs.	11½ lbs.
No. 9 - Wire	400 Ft.	400 Ft.	400 Ft.

**CONSTRUCTION METHODS  
FOR  
HIGH WATER  
MUD BOX**

U. S. ARMY ENGINEER DISTRICT, OMAHA  
CORPS OF ENGINEERS, OMAHA, NEBRASKA

Figure 16: High Water Wave Wash Protection Poly and Sandbag

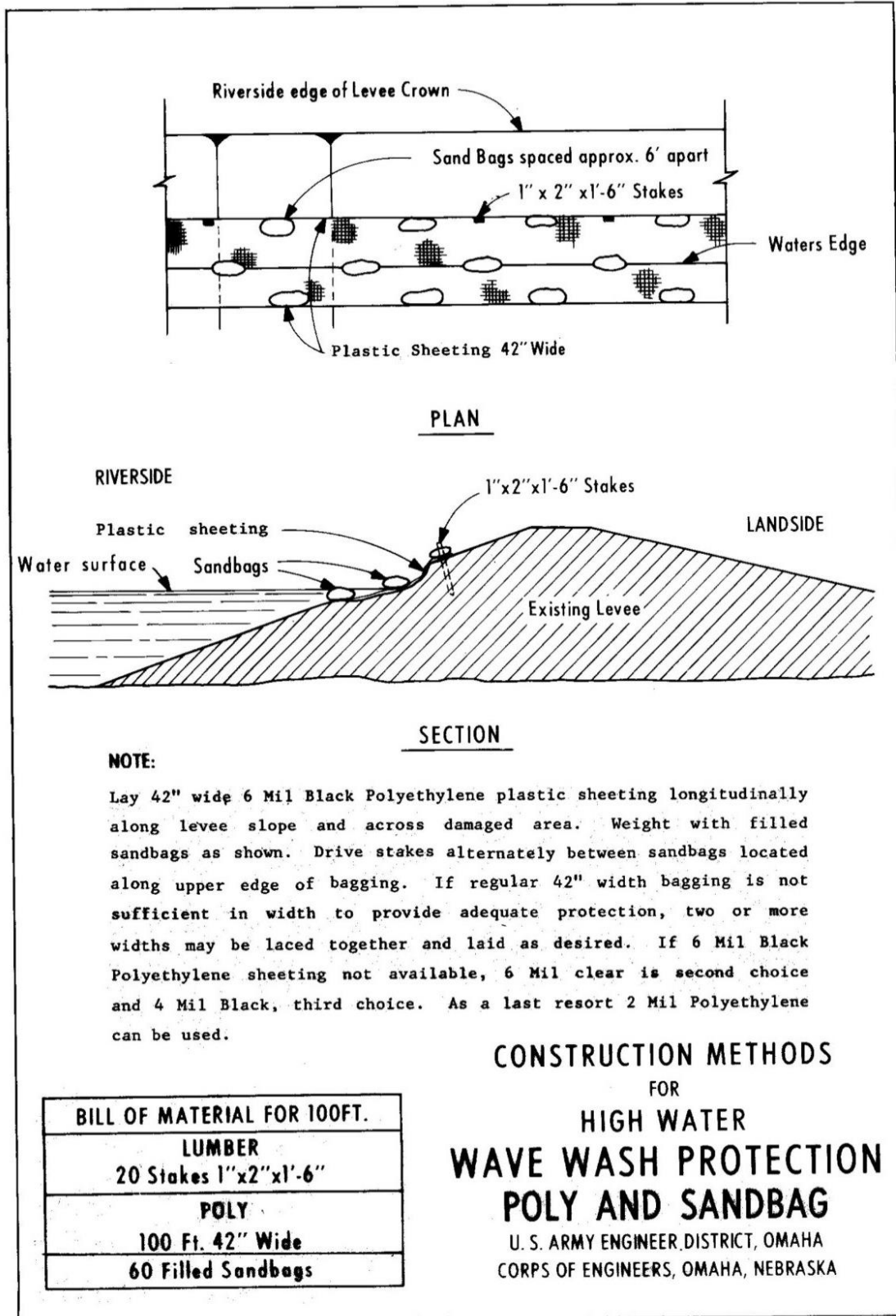


Figure 17: High Water Wave Wash Protection Portable Bulkhead

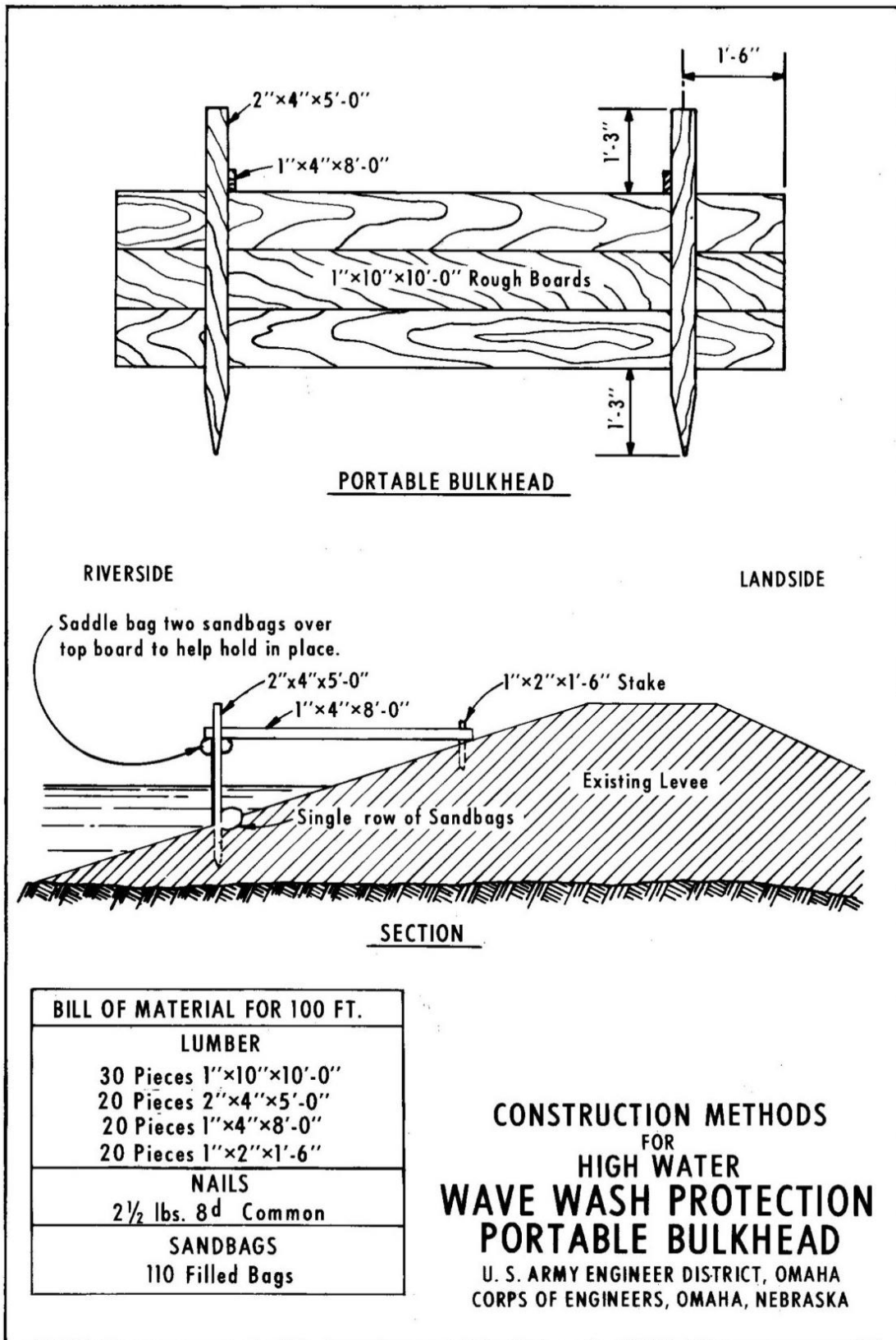


Figure 18: High Water Wave Wash Protection Movable

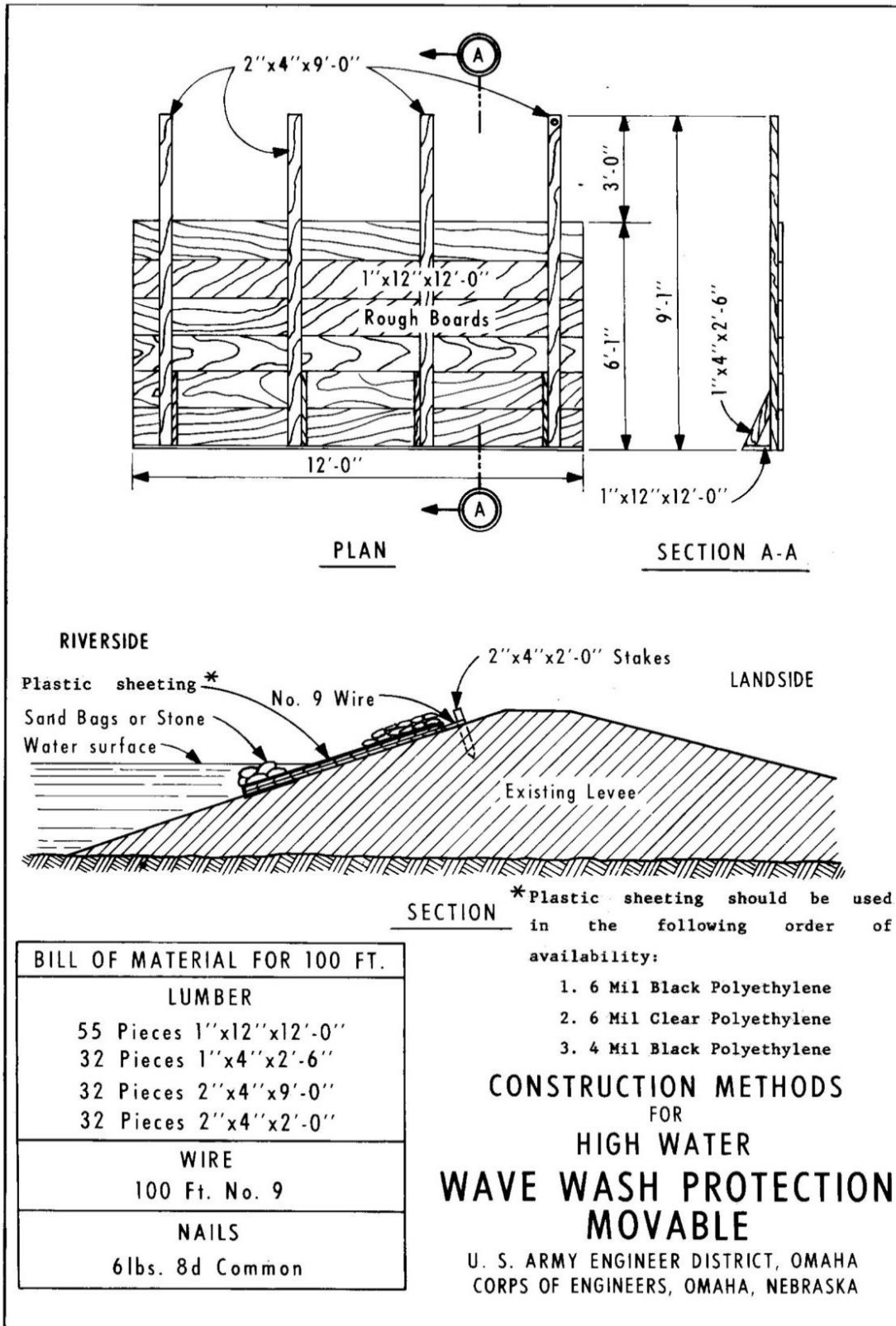


Figure 19: High Water Detection Dike

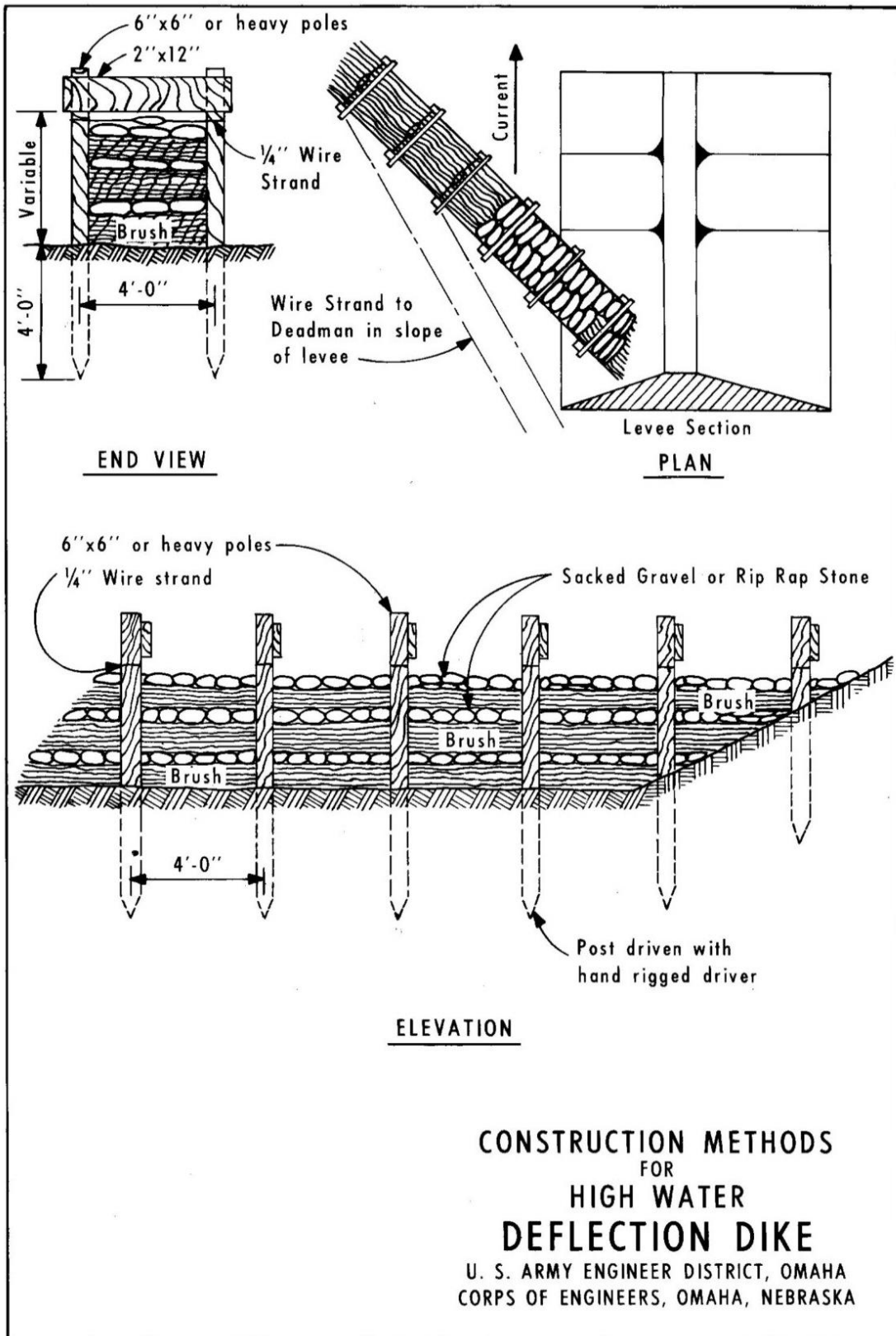


Figure 20: High Water Brush Mattress

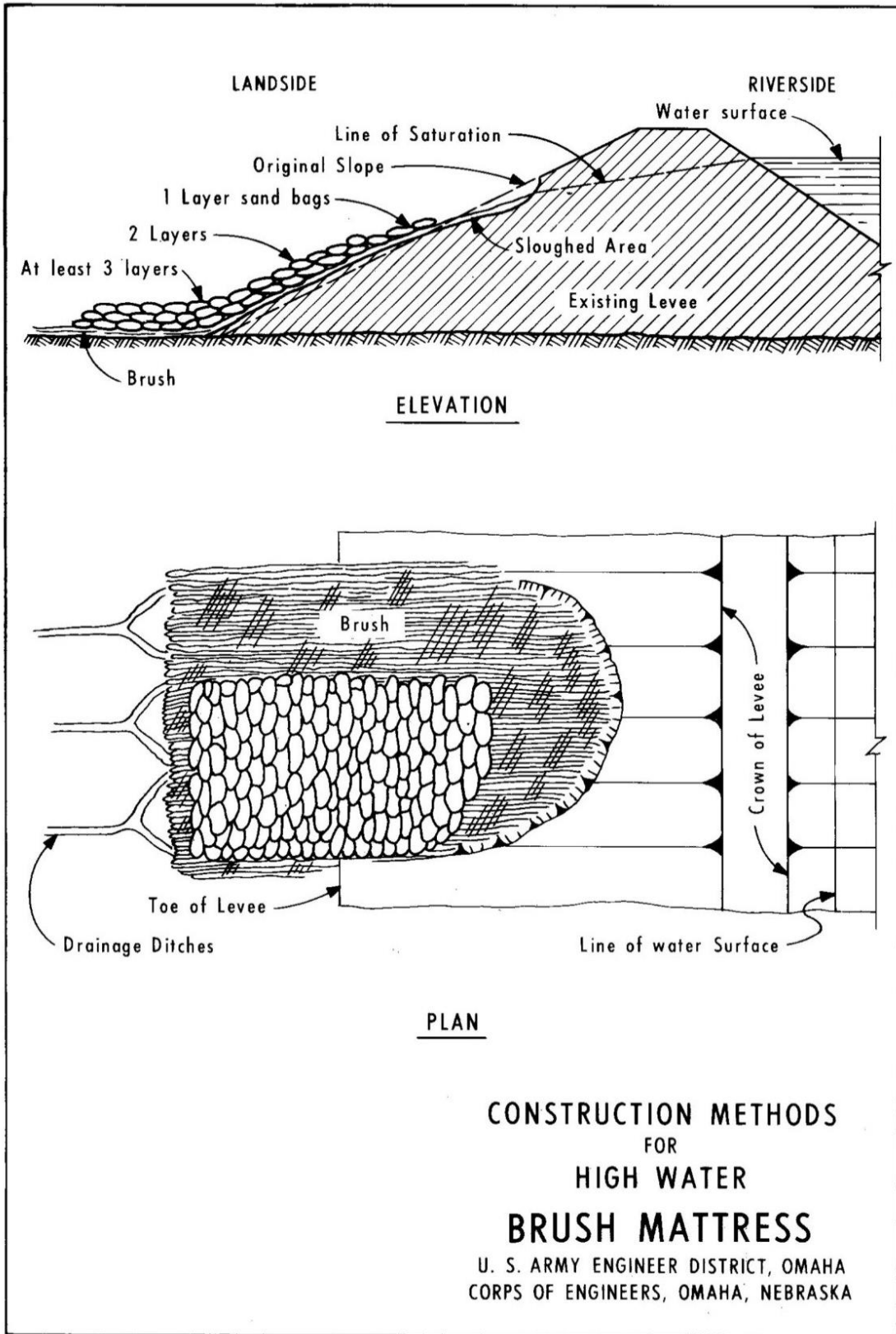


Figure 21: High Water Sand Boil

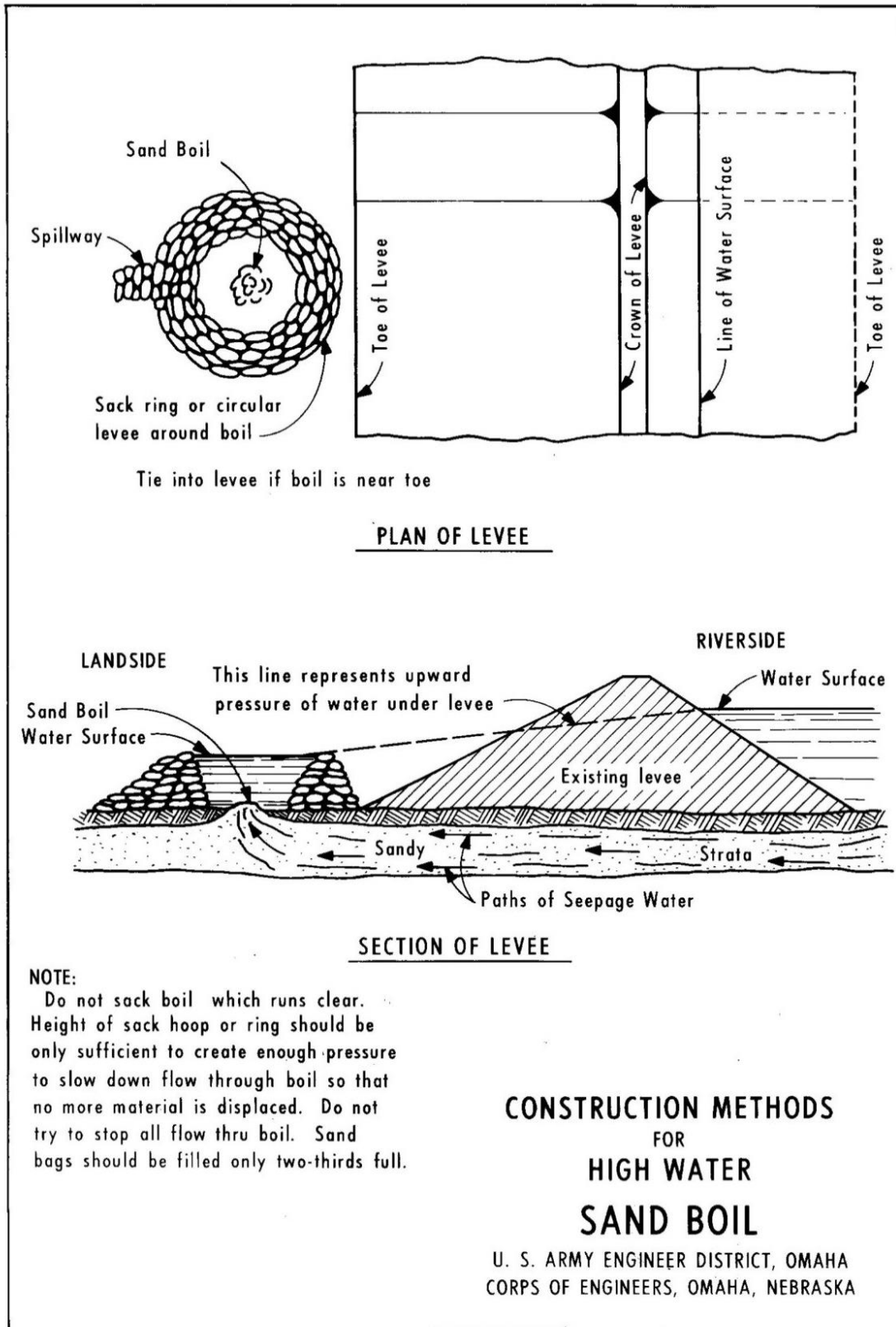


Figure 22: Sandbag Levee Construction

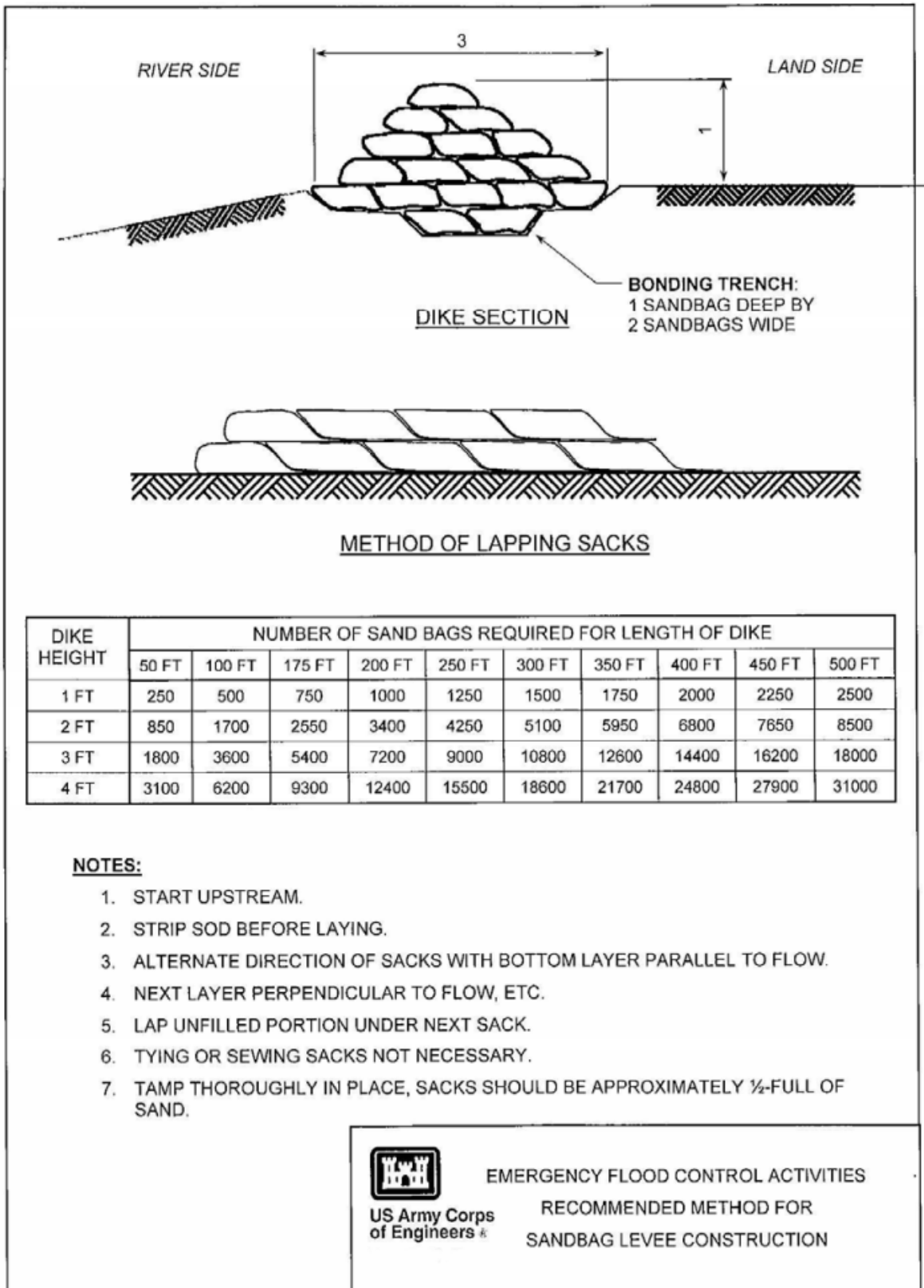


Figure 23: Placement of Polyethylene Sheeting on Temporary Levees – When Placed in the Dry

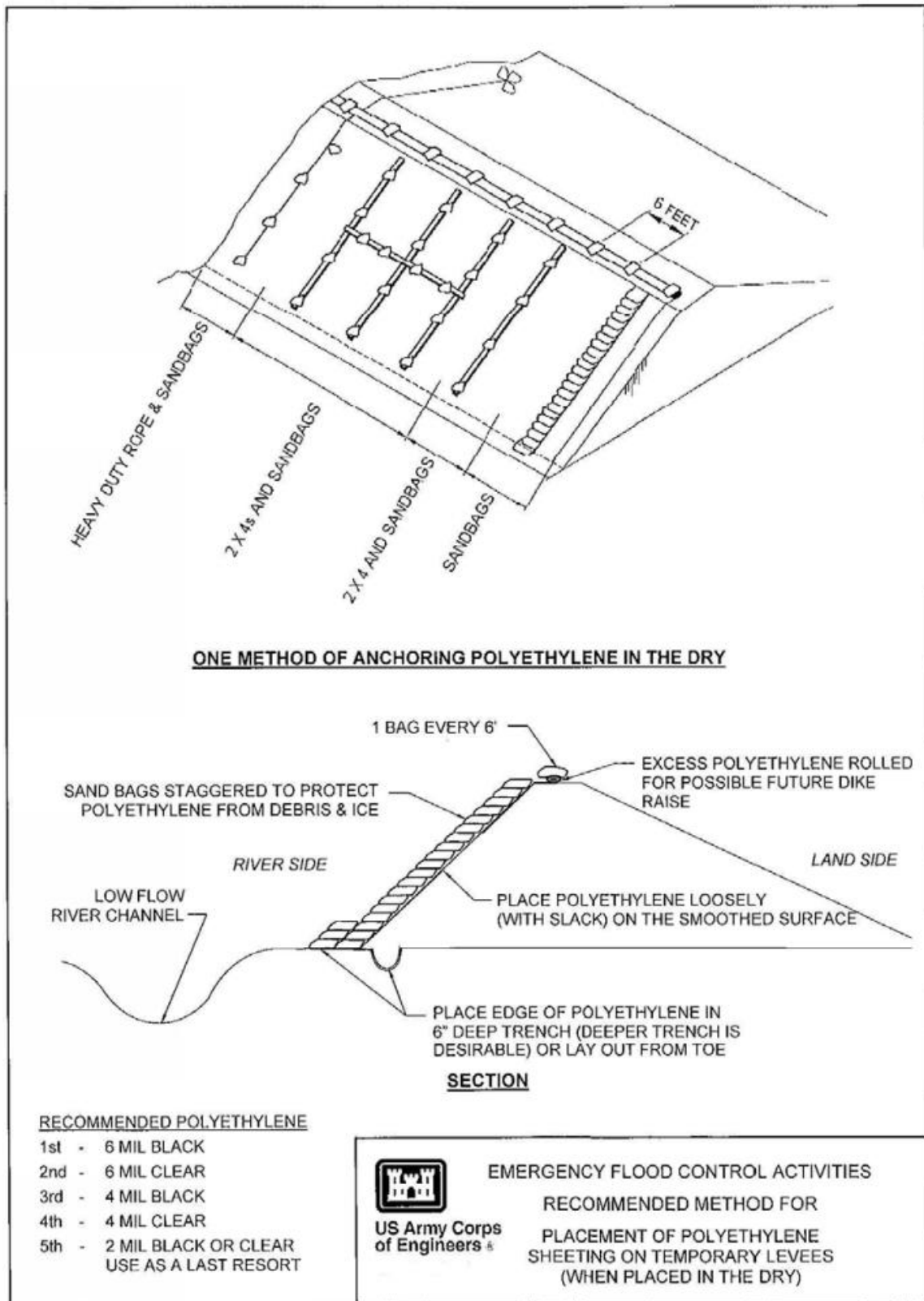


Figure 24: Placement of Polyethylene Sheeting on Temporary Levees – When Placed in the Wet

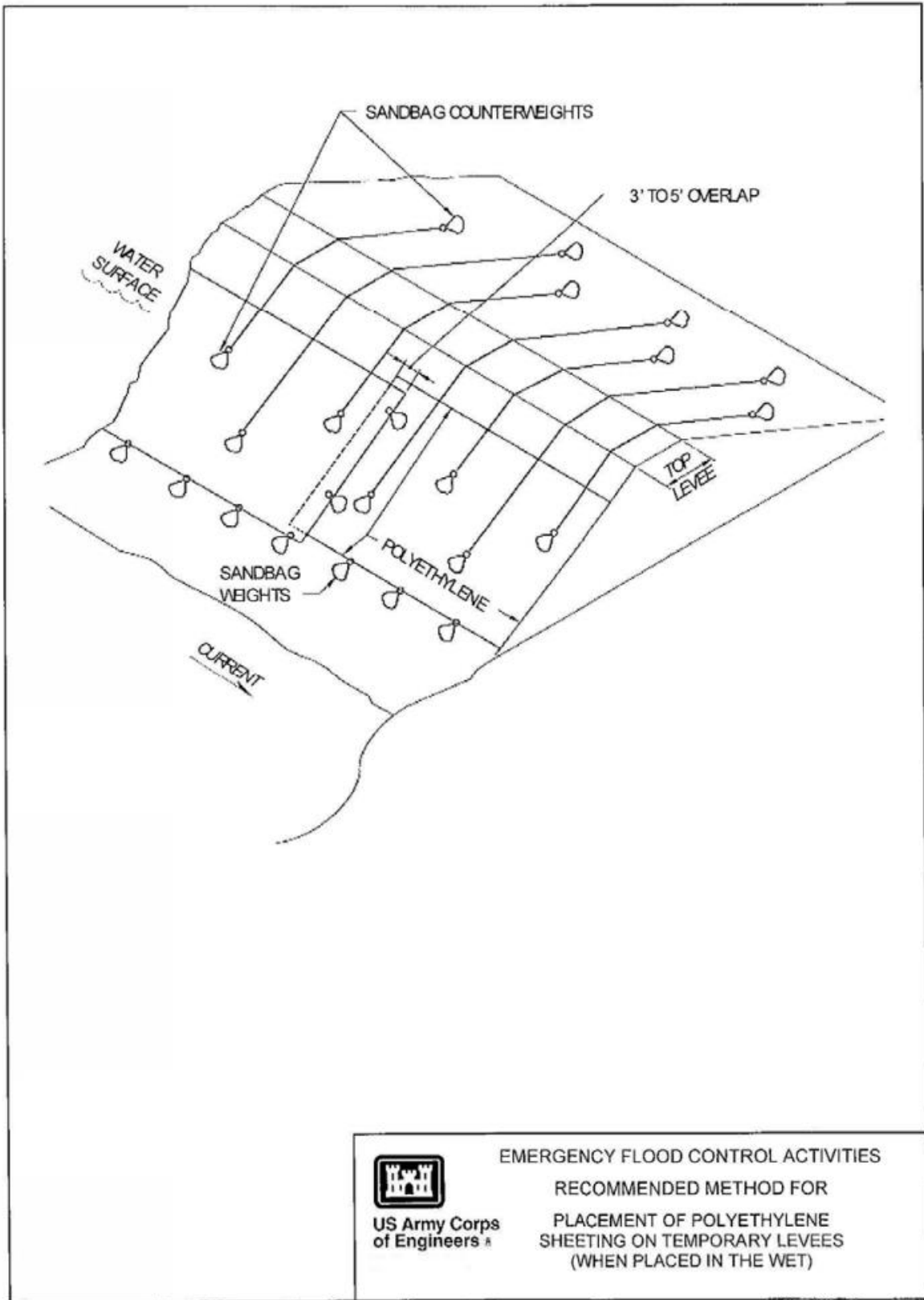


Figure 25: Anchoring Polyethylene Sheeting at the Levee Toe

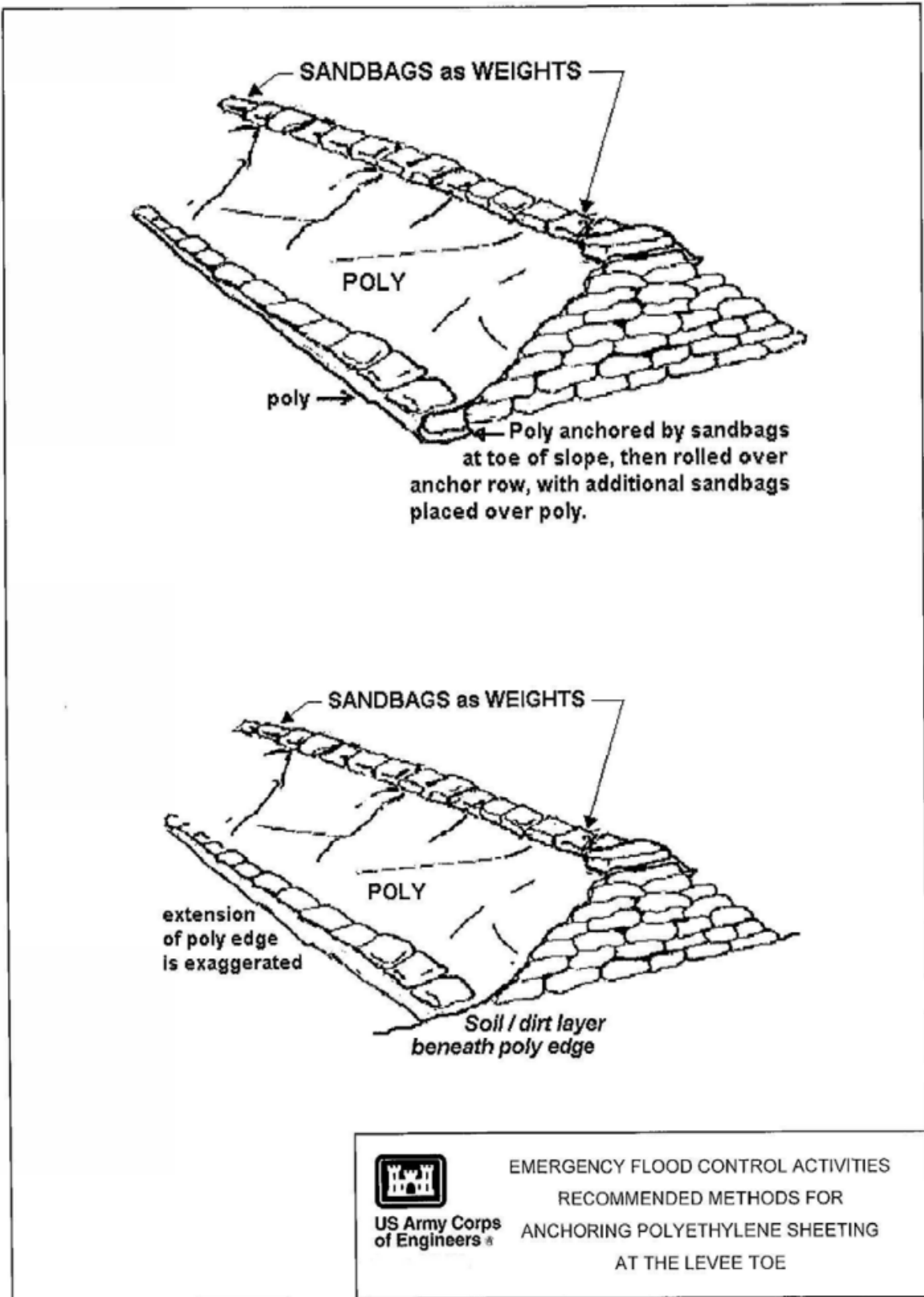
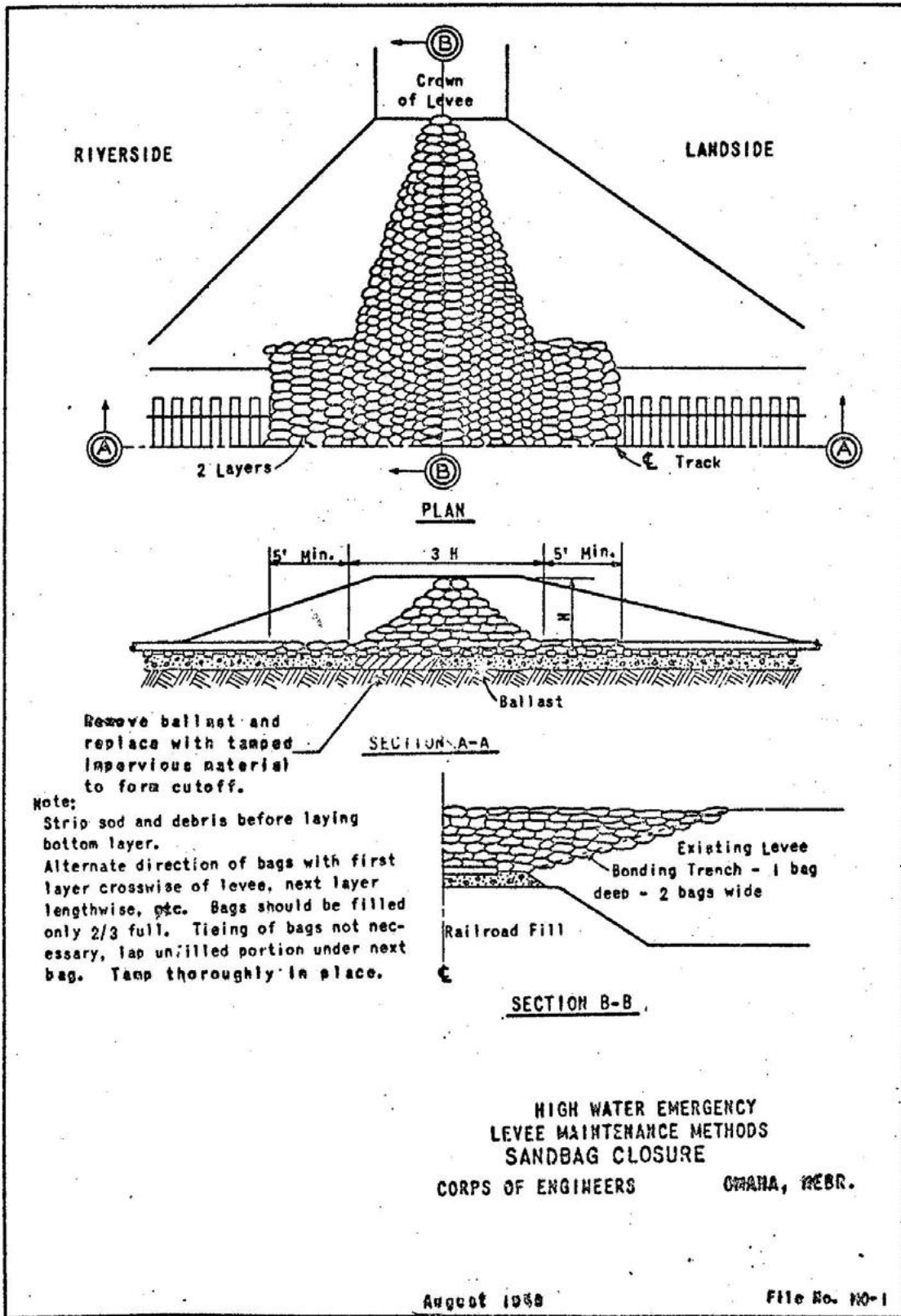


Figure 26: Sandbag Closure



## Appendix C: Closure Structures

- Drainage Structure Closure Information

## Drainage Structure Closure Information

### Flap Gates

Flap gates control flow automatically. When the water level on the back side of the gate (within the discharge pipe) rises above that on the face of the gate (riverside), the gate opens automatically to allow discharge through the levee. When water on the face of the gate rises above that on the back of the gate, the gate closes automatically to prevent backflows. Since the gate opens or closes automatically, a mechanical lifting device is not necessary for normal operation.

### Slide Gates

Slide gates, also known as sluice gates, regulate flow through a drainage structure manually. Slide gates are either operated manually using a crank or wheel, or operated with the aid of a motor such as a tractor power take off. Slide gates are normally used as a secondary or backup system to flap gates in the event that a flap gate would become lodged in an open position or damaged or broken off by ice or debris. Slide gates are used as a primary system if sufficient warning time is available to allow closure. Slide gates on drainage structures should be closed at or before the time rising water reaches the outlet invert elevation of the structure.

The following table identifies the flap gates and slides gates for the Columbus – Loup River Levee System along with the station location and outlet elevation. Slide gates for this system should be closed when the river gage reaches 9.5 feet (Action Stage).

**Table 20: Drainage Structures Along the Levee System**

Size & Material	Station Location	Closure Type	Outlet Elevation (ft)
30" CMP	Sta. 104+50	Flap Gates & Slide Gate	1437.43
5' x 5' RC Box	Sta. 149+50	Flap Gate	1431.91
Twin 6' x 4' RC Boxes	Sta. 150+00	Flap Gate	1432.80
60" CMP	Sta. 151+30	Flap Gates & Slide Gate	1432.73
Twin 5' x 5' RC Boxes	Sta. 184+40	Flap Gate	1429.42
Twin 5' x 5' RC Boxes	Sta. 192+50	Flap Gate	1427.85
Twin 5' x 5' RC Boxes	Sta. 223+80	Flap Gate	1425.10

## Appendix D: Flood Response Activities (Checklists)

- Employee Assignment Checklist
- Patrol Checklist

## Employee Assignment Checklist

- Prior to Call Out:
  - Communicate status to all employees as soon as possible. Items to be considered:
    - Anticipated personnel and equipment needs
    - Duration of emergency situation
    - Identify previous commitments to avoid/mitigate scheduling conflicts
- At Time of Call Out for Emergency Operations
  - Advise employees:
    - Where to report to work
    - Time to report to work
    - Length of shift (8-hours, all night, etc.)
    - Who is incident commander (in charge/chain of command)
    - Clothing requirements (cold/wet weather gear)
    - Special equipment to bring
    - Type of work to expect (levee patrol, office work, etc.)
- In-Brief at Start/Stop of Work Shift
  - Shift change brief will include the following:
    - Task/assignment
    - Location of restroom facilities, food, fuel for vehicles, lights, keys, etc.
    - Any special or unusual conditions to be aware of
    - Changes in conditions from previous shift
    - Gauge locations and records kept to date
    - Vehicles to use (4WD)
    - Map of area
    - Expected time to return to emergency work

### Patrol Checklist

- Record gauge readings
- Inspect and monitor fences on the riverside of the levee for debris build-up
- Look for/monitor eroded/eroding areas along the levee
- Look for/monitor sand boils or unusual wet areas landward of the landside toe
- Look for/monitor wave wash or scouring of the waterside levee slope
- Look for/monitor low areas in levee crown
- Monitor relief wells
- Check flap/slucice gates for proper closure
- Determine needs for sandbagging or other emergency actions
- Verify all access roads and ramps along the levee are usable or will be satisfactorily conditioned
- Take photos/videos of all significant issues
- Report and document unusual conditions
- Notify the City Engineer of the status, any concerns, or maintenance needs

## Appendix E: Forms and Documentation

- Levee Incident Contact Checklists
- Unusual or Emergency Event Log Form
- Stream Gauge Report Form

## Levee Incident Contact Checklist Emergency Level 3 Notifications

The following contacts should be made immediately after the emergency level is determined. The person designated as the incident commander for the City should ensure contacts are made and the following form is completed. Documentation should include initials of the person making contact, the time of the call, and who was notified for **each** contact being made. See the *Notification Charts* (pages 42-44) for critical contact information and the *Emergency Call Sheet* for contact information for other possible emergency services.

Agency	Person Contacted	Time Contacted	Contacted By
Platte County Emergency Management			
City Mayor			
City Administrator			
Wastewater Facility Supervisor			
Water Utility Supervisor			
Public Property Director			
Street Department Superintendent			
Street Department Staff for Levee Patrols			
Black Hills Energy			

Agency	Person Contacted	Time Contacted	Contacted By
Nebraska Central Railroad Company			
Technical Assistance USACE			

## Levee Incident Contact Checklist Emergency Level 2 Notifications

The following contacts should be made immediately after the emergency level is determined. The person designated as the incident commander for the City should ensure contacts are made (as appropriate) and the following form is completed. Documentation should include initials of the person making contact, the time of the call, and who was notified for **each** contact being made. See the *Notification Charts* (pages 42-44) for critical contact information and the *Emergency Call Sheet* for contact information for other possible emergency services.

Agency	Person Contacted	Time Contacted	Contacted By
Platte County Emergency Management			
City Mayor			
City Administrator			
Wastewater Facility Supervisor			
Water Utility Supervisor			
Public Property Director			
Street Department Superintendent			
Street Department Staff for Levee Patrols			
National Weather Service – Omaha			

Agency	Person Contacted	Time Contacted	Contacted By
American Red Cross			
Columbus Police Department			
Columbus Fire & Rescue			
Cornhusker Public Power District			
Loup Power District			
Black Hills Energy			
Nebraska Central Railroad Company			
Union Pacific Railroad			
Platte County Sheriff's Office			
Nebraska State Patrol			
East Central District Health Department			
Columbus Community Hospital			

Agency	Person Contacted	Time Contacted	Contacted By
Nebraska Emergency Management Agency			
Nebraska Department of Transportation			
Technical Assistance USACE			
BD Construction			
Bierman Construction			
Central Sand and Gravel			
Gehring Construction & Ready Mix			
Koch Excavating			
Sunbelt Rentals			



## Levee Incident Contact Checklist

### Emergency Level 1 Notifications

The following contacts should be made immediately after the emergency level is determined. The person designated as the incident commander for the City should ensure contacts are made (as appropriate) and the following form is completed. Documentation should include initials of the person making contact, the time of the call, and who was notified for **each** contact being made. See the *Notification Charts* (pages 42-44) for critical contact information and the *Emergency Call Sheet* for contact information for other possible emergency services.

Agency	Person Contacted	Time Contacted	Contacted By
Platte County Emergency Management			
City Mayor			
City Administrator			
Wastewater Facility Supervisor			
Water Utility Supervisor			
Public Property Director			
Street Department Superintendent			
Street Department Staff for Levee Patrols			
National Weather Service – Omaha			

Agency	Person Contacted	Time Contacted	Contacted By
American Red Cross			
Columbus Police Department			
Columbus Fire & Rescue			
Cornhusker Public Power District			
Loup Power District			
Black Hills Energy			
Nebraska Central Railroad Company			
Union Pacific Railroad			
Platte County Sheriff's Office			
Nebraska State Patrol			
East Central District Health Department			
Columbus Community Hospital			

Agency	Person Contacted	Time Contacted	Contacted By
Nebraska Emergency Management Agency			
Nebraska Department of Transportation			
Technical Assistance USACE			
BD Construction			
Bierman Construction			
Central Sand and Gravel			
Gehring Construction & Ready Mix			
Koch Excavating			
Sunbelt Rentals			



## Unusual or Emergency Event Log

(to be completed by employees on Levee Patrol to document events or observations)

Levee Section: \_\_\_\_\_

General description of the emergency situation: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Weather conditions: \_\_\_\_\_

Date	Time	Action/event progression	Taken by

Report prepared by: \_\_\_\_\_

Date: \_\_\_\_\_



## Appendix F: Acronyms and Glossary of Terms

**AC** – Area Command  
**cfs**– cubic feet per second  
**DHS** – Department of Homeland Security  
**EOC** – Emergency Operation Center  
**EPP** – Emergency Preparedness Plan  
**FEMA** – Federal Emergency Management Agency  
**FIRM** – Flood Insurance Rate Map  
**FSE** – Full-Scale Exercise  
**ft** – feet  
**HSEEP** – Homeland Security Exercise and Evaluation Program  
**IAP** – Incident Action Plan  
**IC** – Single Incident Commander  
**ICS** – Incident Command System  
**IPAWS** – Integrated Public Alert & Warning System  
**LE** – Law Enforcement  
**LEOP** – Local Emergency Operations Plan  
**LLNRD** – Lower Loup Natural Resources District  
**msl** – mean sea level  
**NeDNR** – Nebraska Department of Natural Resources  
**NEMA** – Nebraska Emergency Management Agency  
**NIMS** – National Incident Management System  
**NRF** – National Response Framework  
**OPS** – Operation Section Chief  
**PCEMA** – Platte County Emergency Management Agency  
**PIO** – Public Information Officer  
**ST** – Strike Team  
**STAM** – Staging Area Manager  
**SWIF** – System Wide Improvement Framework  
**TF** – Task Force  
**THIRA** – Threat and Hazard Identification and Risk Assessment  
**TTX** – Tabletop Exercise  
**UC** – Unified Command  
**UPRR** – Union Pacific Railroad  
**USACE** – U.S. Army Corps of Engineers  
**USGS** – U.S. Geological Survey

**Levee** – A human-made structure, usually an earthen embankment, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water to provide protection from temporary flooding

**Levee System** – A flood protection system which consists of a levee, or levees, and associated structures, such as closure and drainage devices, which are constructed and operated in accordance with sound engineering practices

**Risk** – The potential losses associated with a hazard, and defined in terms of expected probability and frequency, exposure, and consequences

**2% Annual Chance Flood Event** – A flood event that has a 2% probability of occurring in any given year. May also be referred to as a “50-year flood event”

**Mitigation** – Mitigation is the effort to reduce loss of life and property by lessening the impact of disasters

**Preparedness** – Those activities, programs, and systems that exist prior to an emergency that are used to support and enhance response to an emergency or disaster

**Response** – Those activities and programs designed to address the immediate and short-term effects of the onset of an emergency or disaster

**Recovery** – Rebuilding communities so individuals, businesses, and government infrastructure can function on their own, return to normalcy, and are protected against future hazards

**Hazard Mitigation Plan** – The documentation of a state or local government’s evaluation of natural hazards and strategy to mitigate such hazards

**100-year Floodplain** – An area of land where a flood statistically has a 1-percent chance of occurring in any given year

**500-year Floodplain** – An area of land where a flood statistically has a 0.2-percent chance of occurring in any given year

**Safety Officer** – A member of the Command Staff responsible for monitoring and assessing safety hazards or unsafe situations, and for developing measures for ensuring personnel safety. The Safety Officer may have Assistants

**Subject Matter Expert** – A person who is an authority in a particular area or topic

**Operations Section** – The Section responsible for all tactical operations at the incident. Includes Branches, Divisions and/or Groups, Task Forces, Strike Teams, Single Resources, and Staging Areas

**Planning Section** – Responsible for the collection, evaluation, and dissemination of information related to the incident, and for the preparation and documentation of Incident Action Plans. The Section also maintains information on the current and forecasted situation, and on the status of resources assigned to the incident. Includes the Situation, Resources, Documentation, and Demobilization Units, as well as Technical Specialists

**Logistics Section** – The Section responsible for providing facilities, services, and materials for the incident

**Finance Section** – The Section responsible for all incident costs and financial considerations. Includes the Time Unit, Procurement Unit, Compensation/Claims Unit, and Cost Unit

**Activation Process Section** – The Section outlines the emergency response protocols for the EPP relative to the known risks and possible emergency situations

4.H. Payroll and bills on file.

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
10668 04/05/2022	ACCESS ELECTRICAL SYSTEMS INC. INVOICE	3948	SERVICE CALL-REPLACE BATHROOM SWITCH & FUSE	82.50	
			Total:	82.50	
			Net of 1 Invoices / 0 Checks	82.50	
00116 04/05/2022	ACE HARDWARE & GARDEN CNT INVOICE	184322/5	NUTS, BOLTS	7.18	
04/05/2022	INVOICE	184154/5	HOOKS, TAPE MEASURE	34.49	
04/05/2022	INVOICE	184191/5	NUTS, BOLTS, SCREWS, SAFE TAPE, DOOR SWEEP	69.17	
04/05/2022	INVOICE	184179/5	NUTS & BOLTS	24.04	
04/05/2022	INVOICE	184174/5	CLOGBUSTER	25.99	
04/05/2022	INVOICE	184168/5	BUNGEE 48" GRAY	37.95	
04/05/2022	INVOICE	184144/5	POP UP SPRINKLER	9.18	
04/05/2022	INVOICE	184138/5	GRAY CONCRETE SEALER	11.98	
04/05/2022	INVOICE	184235/5	SPRAY PAINT, STENCIL SET	20.48	
04/05/2022	INVOICE	184233/5	KEY SCHLAGE	51.80	
04/05/2022	INVOICE	184231/5	2-ALL SEASONS HOSE 8"X50'	45.98	
04/05/2022	INVOICE	184277/5	GALVANIZED NIPPLE	17.98	
04/05/2022	INVOICE	184281/5	ADAPTER, PVC PIPE	6.68	
04/05/2022	INVOICE	184291/5	NUTS, BOLTS, GAUGE & FILE CHAINSAW	11.39	
04/05/2022	INVOICE	184286/5	PUSHBROOM, GLASS CLEANER, SCRUBBER PAD, SWI!	33.12	
04/05/2022	INVOICE	184296/5	CAN LINER, CONTRACTOR BAGS	62.96	
04/05/2022	INVOICE	184300/5	SIDEWALK CHALK	5.98	
04/05/2022	INVOICE	184390/5	MARK FLAGS, SHOP TOWELS	27.98	
04/05/2022	INVOICE	184376/5	TOILET BOWL BRUSH, KEY MASTER	21.32	
04/05/2022	INVOICE	184368/5	ELECTRICAL TAPE, BATTERIES	41.16	
04/05/2022	INVOICE	184430/5	ELECTRIC TAPE, NYLON FLAG	87.98	
04/05/2022	INVOICE	184427/5	BATTERIES, CAUTION TAPE, WASTEBASKET	83.95	
			Total:	738.74	
			Net of 22 Invoices / 0 Checks	738.74	
00180 04/05/2022	ADVANCE AUTO PARTS INVOICE	5606208366882	FUEL/WATER SEPARATOR	12.24	
04/05/2022	INVOICE	5606208366864	BRAKE PADS	31.84	
04/05/2022	INVOICE	5606208366867	2 - AIR FILTERS	36.73	
04/05/2022	INVOICE	5606128163313	2-FUEL FILTERS	122.48	
04/05/2022	INVOICE	5606134989941	RETURN ELECTRICAL FUEL PUMP	(33.99)	
04/05/2022	INVOICE	5606208248272	AIR & OIL FILTER	12.76	
04/05/2022	INVOICE	5606208066772	RETURN WATER PUMP	(103.69)	
04/05/2022	INVOICE	5606135580073	CORE RETURN	(50.00)	
04/05/2022	INVOICE	5606208080726	AIR FILTER	26.59	
04/05/2022	INVOICE	5606207466621	2- AIR FILTERS	92.03	
			Total:	146.99	
			Net of 10 Invoices / 0 Checks	146.99	
10428 04/05/2022	ALL MAKES OFFICE EQUIPMENT INVOICE	M58596	BOOKCASE	582.64	
			Total:	582.64	
			Net of 1 Invoices / 0 Checks	582.64	
00501 04/05/2022	AMAZON INVOICE	774847888948	SKIP BEAT (3 IN 1 EDITION)	23.00	
04/05/2022	INVOICE	538596393993	FANNY'S DREAM	28.33	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	444456866497	HP 58A/CF258A TONER	221.78	
04/05/2022	INVOICE	987377436993	MEOW MIX	24.36	
04/05/2022	INVOICE	973697448988	SYNCWIRE 3.5MM AUX CABLE	11.04	
04/05/2022	INVOICE	468499353963	POKEMON THE JOHTO JOURNEYS	27.99	
04/05/2022	INVOICE	475857577677	STAPLE REMOVER, GAMES	39.42	
04/05/2022	INVOICE	748568854755	CRAFTINOVA 500 SHEET PROTECTOR	23.99	
04/05/2022	INVOICE	594877736583	LOGITECH MK570 WIRELESS WAVE	54.99	
04/05/2022	INVOICE	456878867587	VIDEO	3.99	
04/05/2022	INVOICE	968585896363	PHOPIK 77" CAMERA TRIPOD	145.98	
04/05/2022	INVOICE	553898477647	LOGITECH MK570 WIRELESS WAVE	64.99	
04/05/2022	INVOICE	434893493565	LOGITECH MK570 WIRELESS WAVE & MK735 PERFORI	153.43	
04/05/2022	INVOICE	588556984484	DELICIOUS DUNGEON VOL 6	20.99	
04/05/2022	INVOICE	454559568878	DAYTIME SHOOTING STAR VOL 2	17.04	
04/05/2022	INVOICE	558336856565	2-XEROX VERSALINK C400/C405 BLACK	389.98	
04/05/2022	INVOICE	979865476369	DVDS	174.81	
04/05/2022	INVOICE	934335549956	BENDON PIGGY TOES BOOK	27.99	
04/05/2022	INVOICE	698899357577	ALLSTATE B2B 2 YEAR TABLETS	209.97	
04/05/2022	INVOICE	587844889633	DVD	9.99	
04/05/2022	INVOICE	468596956354	3-SAMSUNG GALAXY TAB ACTIVE PRO	2,006.97	
04/05/2022	INVOICE	435943983358	AMERICAN CRAFTS ZAP EMBOSsing	41.90	
04/05/2022	INVOICE	455443654643	RETURN	(11.99)	
04/05/2022	INVOICE	456797397957	SUBLIMAX SUBLIMATION PAPER	27.99	
04/05/2022	INVOICE	469833777346	MICE & MYSTICS, BROKEN TOKEN BOX ORGANIZER,	300.70	
			Total:	4,039.63	
			Net of 25 Invoices / 0 Checks	4,039.63	
00133	AMERICAN LEGAL PUBLISHING CORP				
04/05/2022	INVOICE	15657	3-ALS UPDATE: ORDS 21-40,12-41, 21-42	30.00	
			Total:	30.00	
			Net of 1 Invoices / 0 Checks	30.00	
01189	AMERICAN RED CROSS				
04/05/2022	INVOICE	22408216	CPR/AED FOR PROFESSIONAL RESCUERS	32.00	
			Total:	32.00	
			Net of 1 Invoices / 0 Checks	32.00	
00587	AQUA-PURE INC				
04/05/2022	INVOICE	COLNE2109	MONTHLY SERVICE CONTRACT FOR NORTH & SOUTH I	16,641.12	
			Total:	16,641.12	
			Net of 1 Invoices / 0 Checks	16,641.12	
10561	ARNOLD MOTOR SUPPLY				
04/05/2022	INVOICE	78NV032300	WINDOW HANDLE	5.82	
04/05/2022	INVOICE	78NV033106	AIR & ENGINE FILTER, 2 PURPLE CLEANER	69.03	
04/05/2022	INVOICE	78NV032356	HYDRAULIC & AIR FILTERS	286.52	
04/05/2022	INVOICE	78NV032871	3-OIL FILTERS, 12 QT 5W20	74.76	
04/05/2022	INVOICE	78NV032975	FLEX HONE 4 1/2	135.95	
04/05/2022	INVOICE	78NV033345	EHGINE, HYDRAULIC, FUEL & AIR FILTERS	247.21	
04/05/2022	INVOICE	78NV033258	2 - STD MINIATURE LAMP, 2 - PRIME 50/50 I G	36.50	
04/05/2022	INVOICE	78NV032230	INTERIOR DOOR HANDLE	13.60	
			Total:	869.39	



Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
			Net of 1 Invoices / 0 Checks	1,598.82	
02979 04/05/2022	CAPITAL BUSINESS SYSTEMS INVOICE	1153890	COPIER CONTRACT	21.76	
			Total:	21.76	
			Net of 1 Invoices / 0 Checks	21.76	
10626 04/05/2022	CAPITAL ONE - WALMART INVOICE	802063519653220	CLOROX, TOILET WAND, AIR SPRAY	35.62	
04/05/2022	INVOICE	132075711187513	GROCERIES	15.96	
04/05/2022	INVOICE	622075710124171	LINT ROLLER, FOIL	9.56	
04/05/2022	INVOICE	802073687906303	BRUSH	12.00	
04/05/2022	INVOICE	842068533522829	DISINFECTANT, FOAM CUPS, FACE TISSUE	52.23	
04/05/2022	INVOICE	802067759983001	GROCERIES	102.15	
04/05/2022	INVOICE	212061748564778	GROCERIES	37.02	
04/05/2022	INVOICE	212054813064850	SNACKS	17.92	
04/05/2022	INVOICE	652054861756233	COOKIES	9.98	
04/05/2022	INVOICE	407535008	SCOTCH INDOOR MOUNTING, MICROWAVE	172.18	
04/05/2022	INVOICE	802055860553403	GLADE SPRAY	17.96	
04/05/2022	INVOICE	592077625756486	MOP, PAIL, BLEACH, DAWN, GLOVES, SPONGE, TO	113.84	
04/05/2022	INVOICE	561984	RETURN- 64G USB 2PK	(14.24)	
			Total:	582.18	
			Net of 13 Invoices / 0 Checks	582.18	
00293 04/05/2022	CENTRAL VALLEY AG COOPERATIVE INVOICE	1766088	JOB 1934311 SOIL SAMPLE FIELD LAKE NORTH WE:	75.00	
04/05/2022	INVOICE	1766087	JOB 1934310 SOIL SAMPLE FIELD LAKE NORTH EA:	75.00	
			Total:	150.00	
			Net of 2 Invoices / 0 Checks	150.00	
10609 04/05/2022	CERTIFIED LABORATORIES INVOICE	7711330	TEL-X PLUS AEROSOL, FREE AEROSOL	477.50	
			Total:	477.50	
			Net of 1 Invoices / 0 Checks	477.50	
10398 04/05/2022	CLAY HILLS AG INVOICE	130236	12 QTS TRIUMPH RTU 6X1	129.00	
			Total:	129.00	
			Net of 1 Invoices / 0 Checks	129.00	
03140 04/05/2022	COLUMBUS AREA CHAMBER OF INVOICE	3222022	COLUMBUS BUCKS-DAN CURTIS RETIREMENT	250.00	
			Total:	250.00	
			Net of 1 Invoices / 0 Checks	250.00	
00036 04/05/2022	COLUMBUS CUSTOM EMBROIDERY INVOICE	E39120	SPORT TEK- LUCKEY	28.00	
			Total:	28.00	
			Net of 1 Invoices / 0 Checks	28.00	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
03142 04/05/2022	COLUMBUS STEEL SUPPLY INVOICE	142447	ANGEL DROP 2X2X1/4X10	35.00	
			Total:	35.00	
			Net of 1 Invoices / 0 Checks	35.00	
01250 04/05/2022	COMMONWEALTH ELECTRIC COMPANY INVOICE	95982	TROUBLESHOOT AIR COMPRESSOR	68.25	
			Total:	68.25	
			Net of 1 Invoices / 0 Checks	68.25	
01081 04/05/2022	CONSOLIDATED MANAGEMENT CO INVOICE	222261	MEALS - ZACHARY MCCLOUD	55.02	
04/05/2022	INVOICE	222221	MEALS-ZACHARY MCCLOUD	101.55	
			Total:	156.57	
			Net of 2 Invoices / 0 Checks	156.57	
02718 04/05/2022	CORE & MAIN LP INVOICE	Q567073	IPERL METERS	728.05	
			Total:	728.05	
			Net of 1 Invoices / 0 Checks	728.05	
01525 04/05/2022	CORNHUSKER MARRIOTT HOTEL INVOICE	10154 10754	JOHN LOHR	220.00	
04/05/2022	INVOICE	10155 10754	JANELLE KLINE	220.00	
04/05/2022	INVOICE	10225 10754	RON SCHILLING	220.00	
			Total:	660.00	
			Net of 3 Invoices / 0 Checks	660.00	
03149 04/05/2022	CULLIGAN OF COLUMBUS INVOICE	257052	DI REGENERATION	353.40	
			Total:	353.40	
			Net of 1 Invoices / 0 Checks	353.40	
01539 04/05/2022	D & K PRODUCTS INVOICE	0540878-IN	CHEMICALS	12,276.39	
			Total:	12,276.39	
			Net of 1 Invoices / 0 Checks	12,276.39	
03279 04/05/2022	DAS STATE ACCOUNTING INVOICE	1311294	MONTHLY NETWORK CHARGES	256.00	
04/05/2022	INVOICE	1311343	MONTHLY NETWORK CHARGES	1,215.99	
			Total:	1,471.99	
			Net of 2 Invoices / 0 Checks	1,471.99	
03158 04/05/2022	EAKES OFFICE SOLUTIONS INVOICE	INV349789	COPIER RENTAL	64.95	
04/05/2022	INVOICE	8459949-0	LABELS	30.29	
04/05/2022	INVOICE	8459948-0	PADS & PENS	15.50	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	INV349125	COPIER CONTRACT	89.17	
04/05/2022	INVOICE	8457088-0	DESK CALENDAR	4.50	
04/05/2022	INVOICE	C8457088-0	RETURN - DESK CALENDAR	(4.50)	
04/05/2022	INVOICE	8454742-0	PEN, GLUES STICKS	8.76	
04/05/2022	INVOICE	8412763-1	ERASABLE CALENDAR, WRITING APDS, TAPE DISPEI	86.67	
04/05/2022	INVOICE	INV346741	COPIER CONTRACT	102.64	
04/05/2022	INVOICE	INV347704	COPIER CONTRACT	153.55	
04/05/2022	INVOICE	8458135-0	STAPLERS	87.07	
04/05/2022	INVOICE	8459000-0	CORRECTION FLUID, LAMINATING POUCH	22.93	
04/05/2022	INVOICE	8458118-0	INK CARTRIDGES	58.97	
Total:				720.50	
Net of 13 Invoices / 0 Checks				720.50	
10665	ECKHARDT, BETSY				
04/05/2022	INVOICE	3222012PARKS	CROCK POTS, CONCESSIONS SUPPLIES, CHIP RACK	361.50	
Total:				361.50	
Net of 1 Invoices / 0 Checks				361.50	
01540	EFTA ROBIN				
04/05/2022	INVOICE	3242022CLERK	MILEAGE & DINNER MUNICIPAL CLERK CONFERENCE	91.98	
Total:				91.98	
Net of 1 Invoices / 0 Checks				91.98	
00191	ELECTRIC PUMP INC				
04/05/2022	INVOICE	0895420-IN	ELECTRIC PUMP	1,004.17	
Total:				1,004.17	
Net of 1 Invoices / 0 Checks				1,004.17	
01597	ELECTRONIC ENGINEERING				
04/05/2022	INVOICE	853004128-1	4 - BATTERY PACKS	525.60	
04/05/2022	INVOICE	855001660-1	DISPLAY BACK LIGHTING & CHANNEL KNOB NOT WOI	79.95	
Total:				605.55	
Net of 2 Invoices / 0 Checks				605.55	
MISC	ELLIOTT PETER				
04/05/2022	INVOICE	03/24/2022	UB refund for account: 100-16543-10	30.36	
Total:				30.36	
Net of 1 Invoices / 0 Checks				30.36	
03163	ENTERPRISE ELECTRIC COLUMBUS				
04/05/2022	INVOICE	1145-1007831	MULTITESTER	176.16	
Total:				176.16	
Net of 1 Invoices / 0 Checks				176.16	
03165	FASTENAL COMPANY				
04/05/2022	INVOICE	NECOL240978	MRO 30-DP 30"X150'	342.06	
Total:				342.06	
Net of 1 Invoices / 0 Checks				342.06	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
03166 04/05/2022	FEDEX INVOICE	7-694-45325	SHIPPING TO DIAMOND ENGINEERING	10.58	
			Total:	10.58	
			Net of 1 Invoices / 0 Checks	10.58	
00334 04/05/2022 04/05/2022	FIFTH SEASON INC INVOICE INVOICE	04012022FIRE 04012022FIRE	ANNUAL LAWN PROGRAM ANNUAL LAWN PROGRAM	1,161.50 369.00	
			Total:	1,530.50	
			Net of 2 Invoices / 0 Checks	1,530.50	
00609 04/05/2022	FIRST IMPRESSIONS INVOICE	5581	911 MAGNETS	287.50	
			Total:	287.50	
			Net of 1 Invoices / 0 Checks	287.50	
03172 04/05/2022 04/05/2022 04/05/2022	GALLS LLC INVOICE INVOICE INVOICE	020578073 020584161 020630352	TAC LITE PANTS - KYLE BLUNK TACLITE PDU CLASS B PANT NATE JONES POLO	170.96 127.35 230.15	
			Total:	528.46	
			Net of 3 Invoices / 0 Checks	528.46	
00303 04/05/2022	GENE STEFFY FORD INVOICE	200527	LUBE, OIL & FILTER	139.29	
			Total:	139.29	
			Net of 1 Invoices / 0 Checks	139.29	
02594 04/05/2022 04/05/2022 04/05/2022 04/05/2022	GREAT PLAINS BUILDING SUPPLY INVOICE INVOICE INVOICE INVOICE	356173 356162 356808 356790	8" COMPOSITE SHIM POWER PRO OUTDOOR SCREW, BRONZE SCREWS 2-4X4-12 ACQ TREATED, 31-1X6-6 DOGEARED, 2-: NUTS, FLAT WASHERS, BOLTS	8.49 129.32 232.04 53.77	
			Total:	423.62	
			Net of 4 Invoices / 0 Checks	423.62	
02075 04/05/2022	GREAT PLAINS COMMUNICATIONS INVOICE	139461 4025648127	PHONE/INTERNET CHARGES 3/16 - 4/15	843.88	
			Total:	843.88	
			Net of 1 Invoices / 0 Checks	843.88	
10774 04/05/2022	GRINNELL COLLEGE INVOICE	212389620	REPLACEMENT COST FOR DVD	35.00	
			Total:	35.00	
			Net of 1 Invoices / 0 Checks	35.00	
03182 04/05/2022	HACH COMPANY INVOICE	12933828	6 - M-TEC MODIFIED AGAR PLATES	876.99	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	12936417	NUTRIENT BFR SOLN PLWS	108.16	
			Total:	985.15	
			Net of 2 Invoices / 0 Checks	985.15	
03183	HADLEY-BRAITHWAIT COMPANY				
04/05/2022	INVOICE	224203	1 CASE CUPS	145.95	
04/05/2022	INVOICE	225025	BLOW POPS & RING POPS	74.10	
04/05/2022	INVOICE	225024	BLOW POPS, RING POPS, LEMON DROP, CASE FLAVI	147.00	
04/05/2022	INVOICE	225026	BLOW POPS	56.85	
04/05/2022	INVOICE	225061	2 CASES TP	135.90	
04/05/2022	INVOICE	225056	TOILET PAPER, CENTER PULL & MULTIFOLD TOWEL	259.80	
			Total:	819.60	
			Net of 6 Invoices / 0 Checks	819.60	
10776	HERMES TERESA				
04/05/2022	INVOICE	LESSONS	SWIN LESSON TRAINING	147.91	
			Total:	147.91	
			Net of 1 Invoices / 0 Checks	147.91	
01122	HOA SOLUTIONS INC				
04/05/2022	INVOICE	10179	WELL 1 SOUTH PLANT INTEGRATION	20,028.28	
			Total:	20,028.28	
			Net of 1 Invoices / 0 Checks	20,028.28	
00150	HOMETOWN LEASING				
04/05/2022	INVOICE	046	COPIER LEASE PAYMENT	177.97	
			Total:	177.97	
			Net of 1 Invoices / 0 Checks	177.97	
02804	HUFFMAN ENGINEERING INC.				
04/05/2022	INVOICE	1010529	SITE WONDERWARE IMPROVEMENTS - MARCH 2022	10,260.00	
			Total:	10,260.00	
			Net of 1 Invoices / 0 Checks	10,260.00	
10677	IMAGE TECH & PRINTING				
04/05/2022	INVOICE	9067	SCORE CARD	55.05	
			Total:	55.05	
			Net of 1 Invoices / 0 Checks	55.05	
03194	INGRAM LIBRARY SERVICES, INC				
04/05/2022	INVOICE	58312159	MATERIALS	68.37	
04/05/2022	INVOICE	58312160	MATERIALS	29.34	
04/05/2022	INVOICE	58336186	MATERIALS	18.88	
04/05/2022	INVOICE	58364709	MATERIALS	15.23	
04/05/2022	INVOICE	58386762	MATERIALS	195.61	
			Total:	327.43	
			Net of 5 Invoices / 0 Checks	327.43	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
03199	JACKSON SERVICES INC				
04/05/2022	INVOICE	4755469	UNIFORMS	186.31	
04/05/2022	INVOICE	4754644	MATS	59.59	
04/05/2022	INVOICE	4756415	MATS, BAR & SHOP TOWELS	31.75	
04/05/2022	INVOICE	4756416	MOP, MATS, WINDSHIELD WIPE	76.24	
04/05/2022	INVOICE	4756404	UNIFORMS	297.63	
04/05/2022	INVOICE	4756414	UNIFORMS	93.37	
04/05/2022	INVOICE	4756405	MOP, MATS	36.36	
04/05/2022	INVOICE	4756407	MATS	4.11	
04/05/2022	INVOICE	4756406	UNIFORMS	132.07	
04/05/2022	INVOICE	4756413	MATS, ROLLER TOWELS, UNIFORMS	120.05	
04/05/2022	INVOICE	4759804	MATS	38.98	
04/05/2022	INVOICE	4760653	MATS, UNIFORMS	150.06	
04/05/2022	INVOICE	4761609	MAT	2.92	
04/05/2022	INVOICE	4761599	MATS, ROLLER & SHOP TOWELS	38.15	
04/05/2022	INVOICE	4761608	UNIFORMS	93.37	
04/05/2022	INVOICE	4761600	UNIFORMS	132.07	
04/05/2022	INVOICE	4761601	MATS	13.00	
04/05/2022	INVOICE	4762416	UNIFORMS	88.51	
04/05/2022	INVOICE	4761598	UNIFORMS	297.63	
			Total:	1,892.17	
			Net of 19 Invoices / 0 Checks	1,892.17	
10680	JONES & BARTLETT LEARNING				
04/05/2022	INVOICE	469107	OFFICER BOOKS	234.96	
			Total:	234.96	
			Net of 1 Invoices / 0 Checks	234.96	
02595	K & S TOOL SERVICE				
04/05/2022	INVOICE	114530	ANVIL O-RING & ANVIL HOG RING	7.32	
			Total:	7.32	
			Net of 1 Invoices / 0 Checks	7.32	
03202	KELLY SUPPLY COMPANY				
04/05/2022	INVOICE	S12271731-0	MALE ADAPTER, PVC UNION	61.46	
04/05/2022	INVOICE	S12271735-0	PVC CAP SLIP	9.71	
04/05/2022	INVOICE	S12271750-0	COMP COUPLER	13.90	
04/05/2022	INVOICE	S12271900-0	PLASTIC PIPE, PLUMBING PRIMER	175.06	
04/05/2022	INVOICE	S12271778-0	POLYETHYLENE TUBING	17.10	
04/05/2022	INVOICE	S12271937-0	FLANGE GASKET	18.04	
			Total:	295.27	
			Net of 6 Invoices / 0 Checks	295.27	
03206	KOCH EXCAVATING CO INC				
04/05/2022	INVOICE	28897	5.49 TONS TOP DIRT, 22.93 TONS WHITEROCK	999.55	
			Total:	999.55	
			Net of 1 Invoices / 0 Checks	999.55	
02325	LA QUINTA INN & SUITES KEARNEY				
04/05/2022	INVOICE	022-577280	RANDY LUCHT-KEARNEY MEETING	219.90	
04/05/2022	INVOICE	405-482847	CHUCK SLIVA-MEETING IN KEARNEY	219.90	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	199-598463	KRIS GERNSTEIN-KEARNEY MEETING	219.90	
			Total:	659.70	
			Net of 3 Invoices / 0 Checks	659.70	
00596 04/05/2022	LECC INVOICE	POLICE	LECC/NECAA 2022 SPRING CONFERENCE - CHARLES	150.00	
			Total:	150.00	
			Net of 1 Invoices / 0 Checks	150.00	
00013 04/05/2022	LOGAN CONTRACTORS SUPPLY INC INVOICE	A41590	2 PALLETS LOT #D1845	4,525.00	
			Total:	4,525.00	
			Net of 1 Invoices / 0 Checks	4,525.00	
10775 04/05/2022	LYMAND RANDY L & BLAIR DARALYN K INVOICE	03282022	15 PLOTS @ \$200 EACH	3,000.00	
			Total:	3,000.00	
			Net of 1 Invoices / 0 Checks	3,000.00	
03212 04/05/2022	MATHESON-LINWELD INVOICE	0025284528	CARBON DIOXIDE 10LB ALUMINIUM CYL	46.20	
04/05/2022	INVOICE	0025299478	WELD MIX	55.95	
			Total:	102.15	
			Net of 2 Invoices / 0 Checks	102.15	
03220 04/05/2022	MENARDS INVOICE	58035	SWITCHPLATE, SHARPIE, EXPO CHISEL TIP, CIRC	91.06	
04/05/2022	INVOICE	58022	BRAKELEEN, 4OZ SILICONE, TOOLBOX	95.29	
04/05/2022	INVOICE	58029	AIR FILTERS 16X25X1, 16X25X2	111.84	
04/05/2022	INVOICE	57855	3M SPRAY ADHESIVE, BRASS BALL VALVE, WOOD G:	24.15	
04/05/2022	INVOICE	57868	CUT-OFF BLADE, BALL VALVE, 4X8 RTD SHEETING	97.95	
04/05/2022	INVOICE	57723	9 - MF-COMB RATCH WRENCHS	107.87	
04/05/2022	INVOICE	57724	PAPER TOWEL, BATH TISSUE, TRASH BAGS	66.81	
04/05/2022	INVOICE	57893	CHARMIN, BOUNTY	84.24	
04/05/2022	INVOICE	57891	THERMOMETER, KEY RING, DURACELL AAA	36.67	
04/05/2022	INVOICE	57780	TEFLON TAPE, AIR HOSE, GALV NIPPLE, LADDER 1	45.76	
04/05/2022	INVOICE	58480	DIAMOND BLADE	27.94	
04/05/2022	INVOICE	58326	TC PELLETS 5LB BUCKET, PREEN WEED PREVENT	144.95	
04/05/2022	INVOICE	58353	TC PELLETS, PREEN WEED, CLEARWELD SYRINGE, 1	125.20	
04/05/2022	INVOICE	58469	GORILLA WHITE, HOSE BARB	28.45	
04/05/2022	INVOICE	58175	DEADBLOW HAMMER	25.98	
04/05/2022	INVOICE	58397	SELF DRILL HEX, CINCH DR SEAL, DOOR SWEEP	39.46	
04/05/2022	INVOICE	58402	MALE ADAPTER, PVC CAP, REFLECTIVE BUBBLE	18.01	
			Total:	1,171.63	
			Net of 17 Invoices / 0 Checks	1,171.63	
03222 04/05/2022	MID-AMERICAN RESEARCH INVOICE	0757164-IN	BOWL CLEANER	284.00	
04/05/2022	INVOICE	0757042-IN	BIG BAD ORANGE FLOOR CLEANER	114.00	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
			Total:	398.00	
			Net of 2 Invoices / 0 Checks	398.00	
00205	MID-STATE ENGINEERING & TESTING				
04/05/2022	INVOICE	20875	PROJECT #633-50-27 LIBRARY-CULTURAL ARTS CEI	3,665.75	
			Total:	3,665.75	
			Net of 1 Invoices / 0 Checks	3,665.75	
03227	MIDWEST TURF & IRRIGATION				
04/05/2022	INVOICE	3886875-00	TORO SWING JOINT, ELECTRIC QUICK SHUT ASSY	2,680.04	
			Total:	2,680.04	
			Net of 1 Invoices / 0 Checks	2,680.04	
00153	MUELLER SPRINKLERS				
04/05/2022	INVOICE	30051	20-HUNTER I 20 ADV, 12 HUNTER I 25 ADV	1,372.76	
			Total:	1,372.76	
			Net of 1 Invoices / 0 Checks	1,372.76	
00140	NEBRASKA GOLF & TURF INC				
04/05/2022	INVOICE	66839	CLEAR HINGED WINDSHEILD KIT	343.96	
04/05/2022	INVOICE	66837	12 - T875	2,112.00	
04/05/2022	INVOICE	66835	6-T875 & LABOR	1,151.00	
04/05/2022	INVOICE	66834	6-T875, LABOR	1,172.73	
04/05/2022	INVOICE	66836	6-HIGH FREQUENCY CHARGERS, CANOPY BRACKET SI	3,967.34	
			Total:	8,747.03	
			Net of 5 Invoices / 0 Checks	8,747.03	
03233	NEBRASKA LAW ENFORCEMENT				
04/05/2022	INVOICE	10735	JASON ROMSHEK - LODGING-FLETC-ACTIVE SHOOTER	100.00	
			Total:	100.00	
			Net of 1 Invoices / 0 Checks	100.00	
00444	NEBRASKA PUBLIC HEALTH				
04/05/2022	INVOICE	549893	TESTING	301.00	
			Total:	301.00	
			Net of 1 Invoices / 0 Checks	301.00	
10621	NEBRASKA STATE FIRE SCHOOL				
04/05/2022	INVOICE	4315	2022 FIRE SCHOOL- PORTER, NELSON, VELAZQUEZ,	460.00	
			Total:	460.00	
			Net of 1 Invoices / 0 Checks	460.00	
10263	NEBRASKA STATE PATROL				
04/05/2022	INVOICE	1308044	2022 TRACSUSER LICENSE FEES	1,575.00	
			Total:	1,575.00	
			Net of 1 Invoices / 0 Checks	1,575.00	
00600	NEBRASKA-IOWA INDUSTRIAL				

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	6119941	2XL GLOVES, XL ORAGNE GLOVES	586.29	
			Total:	586.29	
			Net of 1 Invoices / 0 Checks	586.29	
00070	NORFOLK DAILY NEWS				
04/05/2022	INVOICE	0006548440	KID'S SUMMER SECTION AD	375.00	
			Total:	375.00	
			Net of 1 Invoices / 0 Checks	375.00	
03246	NORTHEAST NEBRASKA ECONOMIC				
04/05/2022	INVOICE	20TFHP17006DD9	CDBG 20-TFHP-17006 DD#9	2,763.84	
04/05/2022	INVOICE	23347	CDBG REHAB REUSE FEBRUARY 2022 ADMIN SERVICE	18.75	
04/05/2022	INVOICE	23351	CDBG TRUST REUSE FEBRUARY 2022 ADMIN SERVICE	56.25	
			Total:	2,838.84	
			Net of 3 Invoices / 0 Checks	2,838.84	
00761	OLIVER PACKAGING & EQUIPMENT				
04/05/2022	INVOICE	150473	4 - TRAY 1C PAPER 160Z	116.95	
04/05/2022	INVOICE	150755	TRAY 1C PAPER 160Z	281.75	
			Total:	398.70	
			Net of 2 Invoices / 0 Checks	398.70	
02852	OLSON'S PEST TECHNICIANS				
04/05/2022	INVOICE	241479	MONTHLY SERVICE	50.00	
04/05/2022	INVOICE	241480	MONTHLY SERVICE	50.00	
04/05/2022	INVOICE	241481	MONTHLY SERVICE	85.00	
04/05/2022	INVOICE	241482	MONTHLY SERVICE	52.00	
04/05/2022	INVOICE	241483	MONTHLY SERVICE	50.00	
04/05/2022	INVOICE	243148	MONTHLY SERVICE	57.50	
04/05/2022	INVOICE	243149	MONTHLY SERVICE	70.00	
			Total:	414.50	
			Net of 7 Invoices / 0 Checks	414.50	
00176	O'REILLY AUTOMOTIVE INC				
04/05/2022	INVOICE	0681-154669	STRAIGHT KEY, MIXING CUP	11.18	
04/05/2022	INVOICE	0681-154664	CUTTER	49.99	
04/05/2022	INVOICE	0681-154489	RUST PREVENT	119.99	
04/05/2022	INVOICE	0681-155679	DISCNCT TOOL	19.98	
			Total:	201.14	
			Net of 4 Invoices / 0 Checks	201.14	
01350	OTTE ELECTRIC				
04/05/2022	INVOICE	11467	LABOR TO HELP HOOK UP GENERATOR	115.00	
04/05/2022	INVOICE	11433	LABOR & MATERIAL TO REPLACE STARTERS IN LIF'	2,030.24	
04/05/2022	INVOICE	11526	LABOR & MATERIAL TO INSTALL NEW VFD CONTROL	1,595.00	
04/05/2022	INVOICE	11346	LABOR HELPING WITH LOST CREEK LIFT STATION	268.50	
04/05/2022	INVOICE	11262	LABOR & MATERIAL FOR WIRELESS ACCESS POINTS	748.86	
			Total:	4,757.60	
			Net of 5 Invoices / 0 Checks	4,757.60	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
02052 04/05/2022	PANEL BUILDERS PLUS INC INVOICE	2005	BORE SLEEVES FOR SHAFT	490.00	
			Total:	490.00	
			Net of 1 Invoices / 0 Checks	490.00	
00345 04/05/2022	PETE LIEN & SONS INC. INVOICE	22POS/018250	QUICKLIME	5,810.47	
			Total:	5,810.47	
			Net of 1 Invoices / 0 Checks	5,810.47	
03258 04/05/2022	PETTY CASH INVOICE	N6-VTLL-2558	CAT VEHICLE TITLE/REGISTRATION	10.00	
			Total:	10.00	
			Net of 1 Invoices / 0 Checks	10.00	
00758 04/05/2022	PLATTE COUNTY REGISTER OF INVOICE	3232022CLERK	RESOLUTION #R22-32, EASEMENT AGREEMENT	74.00	
			Total:	74.00	
			Net of 1 Invoices / 0 Checks	74.00	
00478 04/05/2022	PLATTE VALLEY HUMANE SOCIETY INVOICE	04012022ANIMAL	QUARTERLY PAYMENT PER AGREEMENT	20,000.00	
			Total:	20,000.00	
			Net of 1 Invoices / 0 Checks	20,000.00	
10736 04/05/2022	PLATTE VALLEY PRECAST INC INVOICE	8498	REMOVE & REPLACE ON 34TH AVE & 19TH ST	8,253.00	
			Total:	8,253.00	
			Net of 1 Invoices / 0 Checks	8,253.00	
03261 04/05/2022	PRESTOX INVOICE	14389931	PEST CONTROL SERVICE CHARLIE LOUIS STATION	49.00	
04/05/2022	INVOICE	14389932	PEST CONTROL SERVICE - 4630 HOWARD BLVD	51.00	
			Total:	100.00	
			Net of 2 Invoices / 0 Checks	100.00	
10361 04/05/2022	QUADIENT FINANCE USA, INC. INVOICE	16891823	INK	139.73	
			Total:	139.73	
			Net of 1 Invoices / 0 Checks	139.73	
02849 04/05/2022	RAMADA MIDTOWN CONF CENTER INVOICE	21658974	ROBIN EFTA	464.75	
			Total:	464.75	
			Net of 1 Invoices / 0 Checks	464.75	
03264	REARDON LAWN & GARDEN INC				

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
04/05/2022	INVOICE	063718	FILTER	15.99	
04/05/2022	INVOICE	063720	FIX STIHL HEDGE TRIMMER	272.94	
			Total:	288.93	
			Net of 2 Invoices / 0 Checks	288.93	
00759	ROMSHEK JASON				
04/05/2022	INVOICE	31822POLICE	ACTIVE SHOOTER TRAINING, GRAND ISLAND	111.64	
			Total:	111.64	
			Net of 1 Invoices / 0 Checks	111.64	
10569	SAYLER SCREENPRINTING				
04/05/2022	INVOICE	12089	NLECT UNIFORMS - MCCLOUD	83.50	
			Total:	83.50	
			Net of 1 Invoices / 0 Checks	83.50	
03271	SCHIEFFER SIGNS INC				
04/05/2022	INVOICE	43484	REMOVE VINYL FRONT DOORS	395.00	
04/05/2022	INVOICE	43479	20 - 12"X18" SIGNS	910.00	
			Total:	1,305.00	
			Net of 2 Invoices / 0 Checks	1,305.00	
00465	SERVICEMASTER BY SHEVLIN				
04/05/2022	INVOICE	9016	MONTHLY JANITORIAL SERVICE	2,075.00	
04/05/2022	INVOICE	9021	MONTHLY JANITORIAL SERVICE	2,095.00	
04/05/2022	INVOICE	9044	MONTHLY JANITORIAL SERVICE	1,454.00	
04/05/2022	INVOICE	9025	MONTHLY JANITORIAL SERVICE	2,413.00	
			Total:	8,037.00	
			Net of 4 Invoices / 0 Checks	8,037.00	
02308	SERVICEMASTER CLEANING &				
04/05/2022	INVOICE	5731	CLUBHOUSE CARPET CLEANING	711.67	
			Total:	711.67	
			Net of 1 Invoices / 0 Checks	711.67	
03276	SHERWIN-WILLIAMS CO				
04/05/2022	INVOICE	7894-1	PAINT	71.61	
			Total:	71.61	
			Net of 1 Invoices / 0 Checks	71.61	
01090	SHEVLIN SUPPLY				
04/05/2022	INVOICE	5831	GARBAGE BAGS, BATH TISSUE, PULL TOWELS	111.24	
04/05/2022	INVOICE	5845	NAPKINS, ADVANCED ROLL TOWEL, GOJO HAND SOA	345.30	
04/05/2022	INVOICE	5841	LINERS, WHITE TOWELS	66.45	
			Total:	522.99	
			Net of 3 Invoices / 0 Checks	522.99	
02510	STATE FIRE MARSHAL TRAINING				
04/05/2022	INVOICE	2825	4 - HAZMAT OPERATIONS CERTIFICATION	200.00	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
			Total:	200.00	
			Net of 1 Invoices / 0 Checks	200.00	
00244 04/05/2022	STERICYCLE INC INVOICE	4010824024	MEDICAL WASTE SERVICES	1,011.26	
			Total:	1,011.26	
			Net of 1 Invoices / 0 Checks	1,011.26	
00105 04/05/2022 04/05/2022	SUPER SAVER INVOICE INVOICE	118048 118192	GROCERIES TOILET BOWL CLEANER	26.67 10.86	
			Total:	37.53	
			Net of 2 Invoices / 0 Checks	37.53	
03128 04/05/2022 04/05/2022 04/05/2022 04/05/2022 04/05/2022 04/05/2022 04/05/2022 04/05/2022	TIRE OUTLET INC INVOICE INVOICE INVOICE INVOICE INVOICE INVOICE INVOICE INVOICE	208392 208331 208244 208245 208236 208181 207822 208194	USED TIRE 3 - REPAIRS TIRE SKID LOADER TIRE REPAIR 5 - REPAIRS CHANGE USED TRUCK TIRE 3 - REPAIRS	130.00 90.00 239.00 15.00 150.00 20.00 110.00 90.00	
			Total:	844.00	
			Net of 8 Invoices / 0 Checks	844.00	
00550 04/05/2022	TRUCK CENTER COMPANIES INVOICE	XA111014369:01	2 - AIR SPRING	468.52	
			Total:	468.52	
			Net of 1 Invoices / 0 Checks	468.52	
00100 04/05/2022 04/05/2022 04/05/2022 04/05/2022	U & I SANITATION INVOICE INVOICE INVOICE INVOICE	8772-281 8772-272 8760-272 8772-377	GARBAGE SERVICE MARCH GARBAGE SERVICE JAN GARBAGE SERVICE GARBAGE SERVICE	50.00 119.50 159.50 85.00	
			Total:	414.00	
			Net of 4 Invoices / 0 Checks	414.00	
02235 04/05/2022	VAN DIEST HEATING & AIR LLC INVOICE	3675	30,000 BTU UNIT HEATER	1,651.00	
			Total:	1,651.00	
			Net of 1 Invoices / 0 Checks	1,651.00	
03302 04/05/2022	WEMHOFF REFRIGERATION INC INVOICE	14681	SERVICE CALL - ICE MACHINES	321.75	
			Total:	321.75	
			Net of 1 Invoices / 0 Checks	321.75	

Vendor Code Post Date	Vendor Name Activity	Inv/Check #	Description	Invoice Amt	Check Amt
00385	WEST POINT IMPLEMENT OF				
04/05/2022	INVOICE	I502484	BLADES	407.54	
04/05/2022	INVOICE	I502489	BLADES	384.94	
04/05/2022	INVOICE	I502544	SKID SHOE, SKID	357.12	
04/05/2022	INVOICE	I502621	SHIELD, CONE	106.75	
Total:				1,256.35	
Net of 4 Invoices / 0 Checks				1,256.35	
10246	WILKINSON, JESSICA				
04/05/2022	INVOICE	3092022LIBRARY	MILEAGE	53.94	
Total:				53.94	
Net of 1 Invoices / 0 Checks				53.94	
02571	WILSON & COMPANY, INC				
04/05/2022	INVOICE	104519	R21-88 PROFESSIONAL SERVICES 1/29/22 TO 2/22/22	969.00	
Total:				969.00	
Net of 1 Invoices / 0 Checks				969.00	
10488	WSKF ARCHITECTS				
04/05/2022	INVOICE	20023009	20023 CHARLIE LOUIS STATION ADDITION/RENOVATION	17,920.00	
Total:				17,920.00	
Net of 1 Invoices / 0 Checks				17,920.00	
1 invoices and 1 check for 112 vendors:				268,622.31	64,845.68

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 100 GENERAL FUND					
Dept 100 GENERAL ADMINISTRATION					
100-100-53200	PROFESSIONAL SERVICES	AMERICAN LEGAL PUBLISHING	3-ALS UPDATE: ORDS 21-40,12-41, 21-42	30.00	
100-100-53400	COMPUTER SUPPORT/MAINT	AMAZON	LOGITECH MK570 WIRELESS WAVE	143.43	
100-100-54310	BUILDING MAINTENANCE	JACKSON SERVICES INC	MATS	59.59	
100-100-54310	BUILDING MAINTENANCE	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	50.00	
100-100-55900	MISCELLANEOUS	PLATTE COUNTY REGISTER OF	RESOLUTION #R22-32, EASEMENT AGREEMENT	74.00	
100-100-55920	MISC FEES	ASCAP	LICENSE FEE	396.71	
100-100-56010	SUPPLIES	CAPITAL ONE - WALMART	GLADE SPRAY	17.96	
100-100-56010	SUPPLIES	SHEVLIN SUPPLY	GARBAGE BAGS, BATH TISSUE, PULL TOWELS	111.24	
100-100-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	COPIER RENTAL	89.21	
100-100-56030	CLEANING SUPPLIES/SERVICE	SERVICEMASTER BY SHEVLIN	MONTHLY JANITORIAL SERVICE	2,075.00	
100-100-56040	POSTAGE AND FREIGHT	QUADIENT FINANCE USA, INC.	INK	139.73	
100-100-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	69.14	
100-100-57200-21092	CAPITAL-LAND & BUILDINGS	MID-STATE ENGINEERING & TR	PROJECT #633-50-27 LIBRARY-CULTURAL ART	3,299.17	
Total For Dept 100 GENERAL ADMINISTRATION				6,555.18	
Dept 102 COLUMBUS AREA TRANSIT					
100-102-54310	BUILDING & GROUNDS MAINT	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	50.00	
100-102-55900	MISCELLANEOUS	PETTY CASH	CAT VEHICLE TITLE/REGISTRATION	10.00	
100-102-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	8.02	
Total For Dept 102 COLUMBUS AREA TRANSIT				68.02	
Dept 103 COLUMBUS COMMUNITY CENTER					
100-103-56010-III-B	SUPPLIES	AMAZON	VIDEO	3.99	
100-103-56010-III-C	SUPPLIES	OLIVER PACKAGING & EQUIPM	4 - TRAY 1C PAPER 16OZ	398.70	
100-103-56030-III-B	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MATS	22.98	
100-103-56030-III-B	CLEANING SUPPLIES/SERVICE	MID-AMERICAN RESEARCH	BIG BAD ORANGE FLOOR CLEANER	57.00	
100-103-56030-III-B	CLEANING SUPPLIES/SERVICE	SUPER SAVER	TOILET BOWL CLEANER	10.86	
100-103-56030-III-C	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MATS	16.00	
100-103-56030-III-C	CLEANING SUPPLIES/SERVICE	MID-AMERICAN RESEARCH	BIG BAD ORANGE FLOOR CLEANER	57.00	
100-103-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	20.06	
100-103-56300-III-C	FOOD COSTS	SUPER SAVER	GROCERIES	26.67	
Total For Dept 103 COLUMBUS COMMUNITY CENTER				613.26	
Dept 105 FINANCE					
100-105-53400	COMPUTER SUPPORT/MAINT	AMAZON	2-XEROX VERSALINK C400/C405 BLACK	389.98	
100-105-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	20.06	
Total For Dept 105 FINANCE				410.04	
Dept 106 CITY CLERK					
100-106-52700	TRAINING AND TUITION	CORNHUSKER MARRIOTT HOTEL	JANELLE KLINE	220.00	
100-106-52700	TRAINING AND TUITION	EFTA ROBIN	MILEAGE & DINNER MUNICIPAL CLERK CONF	91.98	
100-106-52700	TRAINING AND TUITION	RAMADA MIDTOWN CONF	CENTER ROBIN EFTA	464.75	
100-106-53400	COMPUTER SUPPORT/MAINT	AMAZON	LOGITECH MK570 WIRELESS WAVE & MK735 PE	64.99	
100-106-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	16.04	
Total For Dept 106 CITY CLERK				857.76	
Dept 107 MAYOR/COUNCIL					
100-107-52700	TRAINING AND TUITION	CORNHUSKER MARRIOTT HOTEL	JOHN LOHR	440.00	
Total For Dept 107 MAYOR/COUNCIL				440.00	
Dept 108 HUMAN RESOURCES					
100-108-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	4.01	
Total For Dept 108 HUMAN RESOURCES				4.01	

INVOICE GL DISTRIBUTION REPORT FOR CITY OF COLUMBUS, NE  
 EXP CHECK RUN DATES 04/05/2022 - 04/05/2022  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 100 GENERAL FUND					
Dept 110 POLICE					
100-110-52700	TRAINING AND TUITION	CONSOLIDATED MANAGEMENT CC	MEALS - ZACHARY MCCLLOUD	156.57	
100-110-52700	TRAINING AND TUITION	LECC	LECC/NECAA 2022 SPRING CONFERENCE - CHF	150.00	
100-110-52700	TRAINING AND TUITION	NEBRASKA LAW ENFORCEMENT	JASON ROMSHEK - LODGING-FLETC-ACTIVE SF	100.00	
100-110-52700	TRAINING AND TUITION	ROMSHEK JASON	ACTIVE SHOOTER TRAINING, GRAND ISLAND	111.64	
100-110-52700	TRAINING AND TUITION	SAYLER SCREENPRINTING	NLECT UNIFORMS - MCCLLOUD	83.50	
100-110-52800	UNIFORMS	GALLS LLC	TAC LITE PANTS - KYLE BLUNK	298.31	
100-110-53200	PROFESSIONAL SERVICES	NEBRASKA STATE PATROL	2022 TRACSUSER LICENSE FEES	1,575.00	
100-110-53520	CONTRACT SERVICES	PLATE VALLEY HUMANE SOCIETY	QUARTERLY PAYMENT PER AGREEMENT	20,000.00	
100-110-54320	EQUIPMENT MAINTENANCE	EAKES OFFICE SOLUTIONS	COPIER CONTRACT	191.81	
100-110-54320	EQUIPMENT MAINTENANCE	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	85.00	
100-110-56010	SUPPLIES	AMAZON	MEOW MIX	24.36	
100-110-56010	SUPPLIES	CAPITAL ONE - WALMART	BRUSH	64.23	
100-110-56020	OFFICE SUPPLIES	AMAZON	CRAFTINOVA 500 SHEET PROTECTOR	23.99	
100-110-56030	CLEANING SUPPLIES/SERVICE	SERVICEMASTER BY SHEVLIN	MONTHLY JANITORIAL SERVICE	2,413.00	
100-110-56190-20018	PERSONAL PROTECTIVE SUPP	AXON ENTERPRISE INC.	TASER 60 YEAR 5 PAYMENT	6,830.64	
100-110-56240	TELEPHONE	DAS STATE ACCOUNTING	MONTHLY NETWORK CHARGES	256.00	
100-110-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	294.35	
Total For Dept 110 POLICE				32,658.40	
Dept 120 FIRE					
100-120-52700	TRAINING AND TUITION	JONES & BARTLETT LEARNING	OFFICER BOOKS	234.96	
100-120-52700	TRAINING AND TUITION	STATE FIRE MARSHAL TRAINING	4 - HAZMAT OPERATIONS CERTIFICATION	50.00	
100-120-52800	UNIFORMS	GALLS LLC	NATE JONES POLO	115.07	
100-120-53400	COMPUTER SUPPORT/MAINT	AMAZON	SYNCWIRE 3.5MM AUX CABLE	11.04	
100-120-54310	BUILDING MAINTENANCE	ACCESS ELECTRICAL SYSTEMS	SERVICE CALL-REPLACE BATHROOM SWITCH &	41.25	
100-120-54310	BUILDING MAINTENANCE	FIFTH SEASON INC	ANNUAL LAWN PROGRAM	765.25	
100-120-54310	BUILDING MAINTENANCE	PRESTOX	PEST CONTROL SERVICE CHARLIE LOUIS STAI	50.00	
100-120-54310	BUILDING MAINTENANCE	U & I SANITATION	MARCH GARBAGE SERVICE	139.50	
100-120-54320	EQUIPMENT MAINTENANCE	ELECTRONIC ENGINEERING	4 - BATTERY PACKS	302.77	
100-120-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	CAN LINER, CONTRACTOR BAGS	150.94	
100-120-56010	SUPPLIES	BOMGAARS	2 - 4/PK RATCHET	36.48	
100-120-56010	SUPPLIES	HADLEY-BRAITHWAIT COMPANY	1 CASE CUPS	145.95	
100-120-56020	OFFICE SUPPLIES	ALL MAKES OFFICE EQUIPMENT	BOOKCASE	291.32	
100-120-56020	OFFICE SUPPLIES	CAPITAL BUSINESS SYSTEMS	COPIER CONTRACT	10.88	
100-120-56020	OFFICE SUPPLIES	CAPITAL ONE - WALMART	RETURN- 64G USB 2PK	(14.24)	
100-120-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	ERASABLE CALENDAR, WRITING APDS, TAPE I	120.11	
100-120-56020	OFFICE SUPPLIES	HOMETOWN LEASING	COPIER LEASE PAYMENT	88.99	
100-120-56030	CLEANING SUPPLIES/SERVICE	HADLEY-BRAITHWAIT COMPANY	TOILET PAPER, CENTER PULL & MULTIFOLD T	129.90	
100-120-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MOP, MATS, WINDSHIELD WIPE	38.12	
100-120-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	66.19	
100-120-57200-20021	CAPITAL-LAND & BUILDINGS	WSKF ARCHITECTS	20023 CHARLIE LOUIS STATION ADDITION/RE	17,920.00	
Total For Dept 120 FIRE				20,694.48	
Dept 121 RESCUE					
100-121-52800	UNIFORMS	GALLS LLC	NATE JONES POLO	115.08	
100-121-54310	BUILDING MAINTENANCE	ACCESS ELECTRICAL SYSTEMS	SERVICE CALL-REPLACE BATHROOM SWITCH &	41.25	
100-121-54310	BUILDING MAINTENANCE	FIFTH SEASON INC	ANNUAL LAWN PROGRAM	765.25	
100-121-54310	BUILDING MAINTENANCE	PRESTOX	PEST CONTROL SERVICE CHARLIE LOUIS STAI	50.00	
100-121-54310	BUILDING MAINTENANCE	U & I SANITATION	MARCH GARBAGE SERVICE	139.50	
100-121-54320	EQUIPMENT MAINTENANCE	ELECTRONIC ENGINEERING	4 - BATTERY PACKS	302.78	
100-121-54330	VEHICLE MAINTENANCE	GENE STEFFY FORD	LUBE, OIL & FILTER	139.29	
100-121-56010	SUPPLIES	BOMGAARS	2 - 4/PK RATCHET	36.48	
100-121-56010	SUPPLIES	BOUND TREE MEDICAL LLC	STAT PADZ	1,598.82	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 100 GENERAL FUND					
Dept 121 RESCUE					
100-121-56010	SUPPLIES	STERICYCLE INC	MEDICAL WASTE SERVICES	1,011.26	
100-121-56020	OFFICE SUPPLIES	ALL MAKES OFFICE EQUIPMENT	BOOKCASE	291.32	
100-121-56020	OFFICE SUPPLIES	CAPITAL BUSINESS SYSTEMS	COPIER CONTRACT	10.88	
100-121-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	ERASABLE CALENDAR, WRITING APDS, TAPE I	120.11	
100-121-56020	OFFICE SUPPLIES	HOMETOWN LEASING	COPIER LEASE PAYMENT	88.98	
100-121-56030	CLEANING SUPPLIES/SERVICE	HADLEY-BRAITHWAIT COMPANY	TOILET PAPER, CENTER PULL & MULTIFOLD T	129.90	
100-121-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MOP, MATS, WINDSHIELD WIPE	38.12	
100-121-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	66.19	
Total For Dept 121 RESCUE				4,945.21	
Dept 125 VOLUNTEER FIRE DEPARTMENT					
100-125-52700	TRAINING AND TUITION	NEBRASKA STATE FIRE SCHOOI	2022 FIRE SCHOOL- PORTER, NELSON, VELA	460.00	
100-125-52700	TRAINING AND TUITION	STATE FIRE MARSHAL TRAININ	4 - HAZMAT OPERATIONS CERTIFICATION	150.00	
Total For Dept 125 VOLUNTEER FIRE DEPARTMENT				610.00	
Dept 130 LIBRARY					
100-130-52700	TRAINING AND TUITION	WILKINSON, JESSICA	MILEAGE	48.56	
100-130-53400-MOBIL	COMPUTER SUPPORT/MAINT	AMAZON	PHOPIK 77" CAMERA TRIPOD	145.98	
100-130-55400	ADVERTISING AND PROMOTION	BEST VERSION MEDIA, LLC	AD MANAGEMENT FEE	152.00	
100-130-56010-MTRLS	SUPPLIES	AMAZON	RETURN	(11.99)	
100-130-56020	OFFICE SUPPLIES	AMAZON	STAPLE REMOVER, GAMES	8.49	
100-130-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	CORRECTION FLUID, LAMINATING POUCH	22.93	
100-130-56030	CLEANING SUPPLIES/SERVICE	SERVICEMASTER BY SHEVLIN	MONTHLY JANITORIAL SERVICE	2,095.00	
100-130-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	56.16	
100-130-56250	REFUSE	U & I SANITATION	GARBAGE SERVICE	50.00	
100-130-56400-ADULT	PROGRAMS	CAPITAL ONE - WALMART	COOKIES	9.98	
100-130-56400-CHSAT	PROGRAMS	CAPITAL ONE - WALMART	GROCERIES	170.07	
100-130-56400-MAKRS	PROGRAMS	AMAZON	SUBLIMAX SUBLIMATION PAPER	27.99	
100-130-56400-MAKRS	PROGRAMS	CAPITAL ONE - WALMART	LINT ROLLER, FOIL	9.56	
100-130-56400-YASCH	PROGRAMS	AMAZON	SKIP BEAT (3 IN 1 EDITION)	354.63	
100-130-56400-YASCH	PROGRAMS	CAPITAL ONE - WALMART	SNACKS	2.98	
100-130-56400-YASCH	PROGRAMS	WILKINSON, JESSICA	MILEAGE	5.38	
100-130-56400-YASRP	PROGRAMS	AMAZON	AMERICAN CRAFTS ZAP EMBOSING	41.90	
100-130-56410-ADULT	BOOKS AND PUBLICATIONS	AMAZON	DVDS	174.81	
100-130-56410-ADULT	BOOKS AND PUBLICATIONS	INGRAM LIBRARY SERVICES, I	MATERIALS	240.72	
100-130-56410-CHILD	BOOKS AND PUBLICATIONS	AMAZON	FANNY'S DREAM	84.31	
100-130-56410-CHILD	BOOKS AND PUBLICATIONS	INGRAM LIBRARY SERVICES, I	MATERIALS	11.61	
100-130-56410-REPLC	BOOKS AND PUBLICATIONS	GRINNELL COLLEGE	REPLACEMENT COST FOR DVD	35.00	
100-130-56410-YOUNG	BOOKS AND PUBLICATIONS	AMAZON	DELICIOUS DUNGEON VOL 6	48.02	
100-130-56410-YOUNG	BOOKS AND PUBLICATIONS	INGRAM LIBRARY SERVICES, I	MATERIALS	75.10	
100-130-57200-20030	CAPITAL-LAND & BUILDINGS	MID-STATE ENGINEERING & TE	PROJECT #633-50-27 LIBRARY-CULTURAL ART	366.58	
Total For Dept 130 LIBRARY				4,225.77	
Dept 140 CEMETERY					
100-140-44510	CEMETERY-LOTS	LYMAND RANDY L & BLAIR DAF	15 PLOTS @ \$200 EACH	3,000.00	
100-140-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	4.01	
Total For Dept 140 CEMETERY				3,004.01	
Dept 145 COMMUNITY DEVELOPMENT					
100-145-52710	EMPLOYEE RECRUITMENT/RETENTION	COLUMBUS AREA CHAMBER OF	COLUMBUS BUCKS-DAN CURTIS RETIREMENT	250.00	
100-145-52710	EMPLOYEE RECRUITMENT/RETENTION	COLUMBUS CUSTOM EMBROIDER\	SPORT TEK- LUCKEY	28.00	
100-145-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	LABELS	30.29	
100-145-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	20.06	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 100 GENERAL FUND					
Dept 145 COMMUNITY DEVELOPMENT					
Total For Dept 145 COMMUNITY DEVELOPMENT				328.35	
Dept 150 PARKS					
100-150-53400	COMPUTER SUPPORT/MAINT	AMAZON	ALLSTATE B2B 2 YEAR TABLETS	2,216.94	
100-150-54310	BUILDING MAINTENANCE	BOMGAARS	WOOD POST	29.96	
100-150-54310	BUILDING MAINTENANCE	CAPITAL ONE - WALMART	MOP, PAIL, BLEACH, DAWN, GLOVES, SPONGE	113.84	
100-150-54310	BUILDING MAINTENANCE	COMMONWEALTH ELECTRIC COM	TROUBLESHOOT AIR COMPRESSOR	68.25	
100-150-54310	BUILDING MAINTENANCE	GREAT PLAINS BUILDING SUP	8" COMPOSITE SHIM	369.85	
100-150-54310	BUILDING MAINTENANCE	SCHIEFFER SIGNS INC	20 - 12"X18" SIGNS	910.00	
100-150-54320	EQUIPMENT MAINTENANCE	ARNOLD MOTOR SUPPLY	3-OIL FILTERS, 12 QT 5W20	321.97	
100-150-54330	VEHICLE MAINTENANCE	ARNOLD MOTOR SUPPLY	HYDRAULIC & AIR FILTERS	286.52	
100-150-54330	VEHICLE MAINTENANCE	SCHIEFFER SIGNS INC	REMOVE VINYL FRONT DOORS	395.00	
100-150-54330	VEHICLE MAINTENANCE	TIRE OUTLET INC	CHANGE	20.00	
100-150-54490	IRRIGATION MAINTENANCE	ACE HARDWARE & GARDEN CNT	POP UP SPRINKLER	9.18	
100-150-54490	IRRIGATION MAINTENANCE	MUELLER SPRINKLERS	20-HUNTER I 20 ADV, 12 HUNTER I 25 ADV	1,372.76	
100-150-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	NUTS, BOLTS	377.68	
100-150-56010	SUPPLIES	ARNOLD MOTOR SUPPLY	2 - STD MINIATURE LAMP, 2 - PRIME 50/50	36.50	
100-150-56010	SUPPLIES	BOMGAARS	BULK BOLTS	0.62	
100-150-56010	SUPPLIES	COLUMBUS STEEL SUPPLY	ANGEL DROP 2X2X1/4X10	35.00	
100-150-56010	SUPPLIES	GREAT PLAINS BUILDING SUP	NUTS, FLAT WASHERS, BOLTS	53.77	
100-150-56010	SUPPLIES	HADLEY-BRAITHWAIT COMPANY	2 CASES TP	135.90	
100-150-56010	SUPPLIES	MATHESON-LINWELD	CARBON DIOXIDE 10LB ALUMINIUM CYL	102.15	
100-150-56010	SUPPLIES	MENARDS	BRAKELEEN, 4OZ SILICONE, TOOLBOX	134.75	
100-150-56010	SUPPLIES	MID-AMERICAN RESEARCH	BOWL CLEANER	284.00	
100-150-56010	SUPPLIES	SHEVLIN SUPPLY	NAPKINS, ADVANCED ROLL TOWEL, GOJO HANI	345.30	
100-150-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	DESK CALENDAR	58.97	
100-150-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	16.04	
100-150-56300	FOOD COSTS	ECKHARDT, BETSY	CROCK POTS, CONCESSIONS SUPPLIES, CHIP	361.50	
100-150-56300	FOOD COSTS	HADLEY-BRAITHWAIT COMPANY	BLOW POPS & RING POPS	277.95	
100-150-57300-20045	CAPITAL-NEW CONSTRUCTION	FEDEX	SHIPPING TO DIAMOND ENGINEERING	10.58	
Total For Dept 150 PARKS				8,344.98	
Dept 151 PAWNEE PLUNGE WATER PARK					
100-151-52700	TRAINING AND TUITION	AMERICAN RED CROSS	CPR/AED FOR PROFESSIONAL RESCUERS	32.00	
100-151-54310	BUILDING MAINTENANCE	ACE HARDWARE & GARDEN CNT	ADAPTER, PVC PIPE	6.68	
100-151-54320	EQUIPMENT MAINTENANCE	REARDON LAWN & GARDEN INC	FIX STIHL HEDGE TRIMMER	272.94	
100-151-55400	ADVERTISING AND PROMOTION	NORFOLK DAILY NEWS	KID'S SUMMER SECTION AD	375.00	
100-151-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	8.02	
Total For Dept 151 PAWNEE PLUNGE WATER PARK				694.64	
Dept 152 AQUATIC CENTER POOL					
100-152-52700	TRAINING AND TUITION	HERMES TERESA	SWIN LESSON TRAINING	147.91	
100-152-54310	BUILDING MAINTENANCE	KELLY SUPPLY COMPANY	POLYETHYLENE TUBING	17.10	
100-152-54310	BUILDING MAINTENANCE	MENARDS	AIR FILTERS 16X25X1, 16X25X2	111.84	
100-152-54310	BUILDING MAINTENANCE	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	57.50	
100-152-56020	OFFICE SUPPLIES	EAKES OFFICE SOLUTIONS	STAPLERS	87.07	
100-152-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	8.02	
Total For Dept 152 AQUATIC CENTER POOL				429.44	
Dept 155 VAN BERG GOLF COURSE					
100-155-54490	IRRIGATION MAINTENANCE	KELLY SUPPLY COMPANY	MALE ADAPTER, PVC UNION	250.42	
100-155-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	MARK FLAGS, SHOP TOWELS	27.98	
100-155-56010	SUPPLIES	IMAGE TECH & PRINTING	SCORE CARD	55.05	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 100 GENERAL FUND					
Dept 155 VAN BERG GOLF COURSE					
100-155-56070	FERTILIZER	D & K PRODUCTS	CHEMICALS	3,861.39	
100-155-56110	PRO-SHOP SUPPLIES	CAPITAL ONE - WALMART	SCOTCH INDOOR MOUNTING, MICROWAVE	86.09	
100-155-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	12.03	
Total For Dept 155 VAN BERG GOLF COURSE				4,292.96	
Dept 156 QUAIL RUN GOLF COURSE					
100-156-54310	BUILDING MAINTENANCE	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	70.00	
100-156-54310	BUILDING MAINTENANCE	SERVICEMASTER CLEANING &	CLUBHOUSE CARPET CLEANING	711.67	
100-156-54310	BUILDING MAINTENANCE	WEMHOFF REFRIGERATION INC	SERVICE CALL - ICE MACHINES	321.75	
100-156-54320	EQUIPMENT MAINTENANCE	ARNOLD MOTOR SUPPLY	AIR & ENGINE FILTER, 2 PURPLE CLEANER	69.03	
100-156-54320	EQUIPMENT MAINTENANCE	REARDON LAWN & GARDEN INC	FILTER	15.99	
100-156-54330	VEHICLE MAINTENANCE	ARNOLD MOTOR SUPPLY	WINDOW HANDLE	19.42	
100-156-54350	GOLF CART/COURSE MAINT	NEBRASKA GOLF & TURF INC	CLEAR HINGED WINDSHEILD KIT	8,747.03	
100-156-54490	IRRIGATION MAINTENANCE	KELLY SUPPLY COMPANY	PVC CAP SLIP	27.75	
100-156-54490	IRRIGATION MAINTENANCE	MIDWEST TURF & IRRIGATION	TORO SWING JOINT, ELECTRIC QUICK SHUT F	2,680.04	
100-156-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	KEY SCHLAGE	51.80	
100-156-56010	SUPPLIES	CERTIFIED LABORATORIES	TEL-X PLUS AEROSOL, FREE AEROSOL	477.50	
100-156-56060	CHEMICALS	D & K PRODUCTS	CHEMICALS	4,553.61	
100-156-56070	FERTILIZER	D & K PRODUCTS	CHEMICALS	3,861.39	
100-156-56110	PRO-SHOP SUPPLIES	CAPITAL ONE - WALMART	SCOTCH INDOOR MOUNTING, MICROWAVE	86.09	
100-156-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	32.09	
Total For Dept 156 QUAIL RUN GOLF COURSE				21,725.16	
Total For Fund 100 GENERAL FUND				110,901.67	
Fund 200 STREETS/ENGINEERING					
Dept 200 STREETS					
200-200-52800	UNIFORMS	JACKSON SERVICES INC	UNIFORMS	550.26	
200-200-54310	BUILDING MAINTENANCE	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	52.00	
200-200-54310	BUILDING MAINTENANCE	VAN DIEST HEATING & AIR LI	30,000 BTU UNIT HEATER	825.50	
200-200-54320	EQUIPMENT MAINTENANCE	ACE HARDWARE & GARDEN CNT	GALVANIZED NIPPLE	17.98	
200-200-54320	EQUIPMENT MAINTENANCE	ADVANCE AUTO PARTS	2-FUEL FILTERS	149.07	
200-200-54320	EQUIPMENT MAINTENANCE	BOMGAARS	FASTENERS, SPRAY PAINT	26.68	
200-200-54320	EQUIPMENT MAINTENANCE	O'REILLY AUTOMOTIVE INC	RUST PREVENT	119.99	
200-200-54320	EQUIPMENT MAINTENANCE	TIRE OUTLET INC	SKID LOADER TIRE REPAIR	15.00	
200-200-54320	EQUIPMENT MAINTENANCE	WEST POINT IMPLEMENT OF	BLADES	1,256.35	
200-200-54330	VEHICLE MAINTENANCE	ADVANCE AUTO PARTS	2- AIR FILTERS	92.03	
200-200-54330	VEHICLE MAINTENANCE	TIRE OUTLET INC	TIRE	239.00	
200-200-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	NUTS, BOLTS, GAUGE & FILE CHAINSAW	10.78	
200-200-56010	SUPPLIES	BOMGAARS	FASTENERS, HEX KEY	6.40	
200-200-56010	SUPPLIES	CLAY HILLS AG	12 QTS TRIUMPH RTU 6X1	129.00	
200-200-56010	SUPPLIES	LOGAN CONTRACTORS SUPPLY	12 PALLETS LOT #D1845	4,525.00	
200-200-56090	SMALL TOOLS	ACE HARDWARE & GARDEN CNT	NUTS, BOLTS, GAUGE & FILE CHAINSAW	6.59	
200-200-56190	PERSONAL PROTECTIVE SUPP	BOMGAARS	GLOVES	67.96	
200-200-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	16.04	
200-200-57200-22022	CAPITAL-LAND & BUILDINGS	WILSON & COMPANY, INC	R21-88 PROFESSIONAL SERVICES 1/29/22 TC	969.00	
200-200-57300-20070	CAPITAL-NEW CONSTRUCTION	PLATTE VALLEY PRECAST INC	REMOVE & REPLACE ON 34TH AVE & 19TH ST	8,253.00	
Total For Dept 200 STREETS				17,327.63	
Dept 202 MECHANICS SHOP					
200-202-52800	UNIFORMS	JACKSON SERVICES INC	UNIFORMS	45.00	
200-202-56010	SUPPLIES	BOMGAARS	FASTENERS	14.72	
200-202-56010	SUPPLIES	FASTENAL COMPANY	MRO 30-DP 30"X150'	342.06	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 200 STREETS/ENGINEERING					
Dept 202 MECHANICS SHOP					
200-202-56010	SUPPLIES	O'REILLY AUTOMOTIVE INC	STRAIGHT KEY, MIXING CUP	7.44	
200-202-56090	SMALL TOOLS	BOMGAARS	FASTENERS, HEX KEY	8.99	
200-202-56090	SMALL TOOLS	K & S TOOL SERVICE	ANVIL O-RING & ANVIL HOG RING	7.32	
200-202-56090	SMALL TOOLS	O'REILLY AUTOMOTIVE INC	CUTTER	69.97	
200-202-56130	SUPPLIES FOR RESALE	ADVANCE AUTO PARTS	FUEL/WATER SEPARATOR	(94.11)	
200-202-56130	SUPPLIES FOR RESALE	O'REILLY AUTOMOTIVE INC	STRAIGHT KEY, MIXING CUP	3.74	
200-202-56130	SUPPLIES FOR RESALE	TRUCK CENTER COMPANIES	2 - AIR SPRING	468.52	
Total For Dept 202 MECHANICS SHOP				873.65	
Total For Fund 200 STREETS/ENGINEERING				18,201.28	
Fund 205 AIRPORT					
Dept 205 AIRPORT					
205-205-56010	SUPPLIES	MENARDS	3M SPRAY ADHESIVE, BRASS BALL VALVE, WC	466.46	
205-205-56030	CLEANING SUPPLIES/SERVICE	SERVICEMASTER BY SHEVLIN	MONTHLY JANITORIAL SERVICE	727.00	
205-205-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	12.03	
205-205-56260	UTILITIES - FSS BUILDING	U & I SANITATION	GARBAGE SERVICE	42.50	
Total For Dept 205 AIRPORT				1,247.99	
Total For Fund 205 AIRPORT				1,247.99	
Fund 220 COMMUNICATIONS - E911					
Dept 220 E911					
220-220-55900	MISCELLANEOUS	FIRST IMPRESSIONS	911 MAGNETS	287.50	
220-220-56010	SUPPLIES	CAPITAL ONE - WALMART	CLOROX, TOILET WAND, AIR SPRAY	35.62	
220-220-56010	SUPPLIES	SHEVLIN SUPPLY	LINERS, WHITE TOWELS	66.45	
220-220-56030	CLEANING SUPPLIES/SERVICE	SERVICEMASTER BY SHEVLIN	MONTHLY JANITORIAL SERVICE	727.00	
220-220-56240	TELEPHONE	DAS STATE ACCOUNTING	MONTHLY NETWORK CHARGES	1,215.99	
220-220-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	4.01	
220-220-56250	REFUSE	U & I SANITATION	GARBAGE SERVICE	42.50	
Total For Dept 220 E911				2,379.07	
Total For Fund 220 COMMUNICATIONS - E911				2,379.07	
Fund 240 HOUSING REHAB & LOANS					
Dept 240 HOUSING REHAB & LOANS					
240-240-56780	HOUSING LOANS & ADMIN	NORTHEAST NEBRASKA ECONOMIC	CDBG TRUST REUSE FEBRUARY 2022 ADMIN SE	56.25	
Total For Dept 240 HOUSING REHAB & LOANS				56.25	
Dept 243 CDBG REVOLVING REHAB LOAN					
240-243-56780	HOUSING LOANS & ADMIN	NORTHEAST NEBRASKA ECONOMIC	CDBG REHAB REUSE FEBRUARY 2022 ADMIN SE	18.75	
Total For Dept 243 CDBG REVOLVING REHAB LOAN				18.75	
Dept 245 CDBG GRANTS					
240-245-56780	HOUSING LOANS & ADMIN	NORTHEAST NEBRASKA ECONOMIC	CDBG 20-TFHP-17006 DD#9	2,763.84	
Total For Dept 245 CDBG GRANTS				2,763.84	
Total For Fund 240 HOUSING REHAB & LOANS				2,838.84	
Fund 500 UTILITY SERVICE					
Dept 000					
500-000-20100	CSX-1	ELLIOTT PETER	UB refund for account: 100-16543-10	30.36	
Total For Dept 000				30.36	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 500 UTILITY SERVICE					
Dept 500 WASTEWATER COLLECTION					
500-500-52800	UNIFORMS	JACKSON SERVICES INC	UNIFORMS	264.14	
500-500-53400	COMPUTER SUPPORT/MAINT	AMAZON	LOGITECH MK570 WIRELESS WAVE	32.50	
500-500-54310	BUILDING MAINTENANCE	VAN DIEST HEATING & AIR LI	30,000 BTU UNIT HEATER	412.75	
500-500-54320	EQUIPMENT MAINTENANCE	BOMGAARS	KEYS	9.98	
500-500-54320	EQUIPMENT MAINTENANCE	ENTERPRISE ELECTRIC COLUM	MULTITESTER	88.08	
500-500-54320	EQUIPMENT MAINTENANCE	OTTE ELECTRIC	LABOR TO HELP HOOK UP GENERATOR	2,413.74	
500-500-54390	SYSTEM MAINTENANCE	BOMGAARS	DIAMOND WHEEL	40.65	
500-500-54390	SYSTEM MAINTENANCE	KOCH EXCAVATING CO INC	5.49 TONS TOP DIRT, 22.93 TONS WHITEROC	499.77	
500-500-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MATS	17.11	
500-500-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	23.59	
Total For Dept 500 WASTEWATER COLLECTION				3,802.31	
Dept 501 WASTEWATER TREATMENT FAC					
500-501-52800	UNIFORMS	JACKSON SERVICES INC	UNIFORMS	186.74	
500-501-54320	EQUIPMENT MAINTENANCE	ACE HARDWARE & GARDEN CNT	CLOGBUSTER	25.99	
500-501-54320	EQUIPMENT MAINTENANCE	ARNOLD MOTOR SUPPLY	FLEX HONE 4 1/2	135.95	
500-501-54320	EQUIPMENT MAINTENANCE	BOMGAARS	GREASE GUN	199.99	
500-501-54320	EQUIPMENT MAINTENANCE	ELECTRIC PUMP INC	ELECTRIC PUMP	1,004.17	
500-501-54320	EQUIPMENT MAINTENANCE	MENARDS	SWITCHPLATE, SHARPIE, EXPO CHISEL TIP,	91.06	
500-501-54320	EQUIPMENT MAINTENANCE	NEBRASKA-IOWA INDUSTRIAL	2XL GLOVES, XL ORAGNE GLOVES	586.29	
500-501-54320	EQUIPMENT MAINTENANCE	PANEL BUILDERS PLUS INC	BORE SLEEVES FOR SHAFT	490.00	
500-501-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MATS, BAR & SHOP TOWELS	34.67	
500-501-56060	CHEMICALS	PETE LIEN & SONS INC.	QUICKLIME	5,810.47	
500-501-56090	SMALL TOOLS	MENARDS	9 - MF-COMB RATCH WRENCHS	133.85	
500-501-56100	LABORATORY	CULLIGAN OF COLUMBUS	DI REGENERATION	353.40	
500-501-56100	LABORATORY	HACH COMPANY	6 - M-TEC MODIFIED AGAR PLATES	985.15	
500-501-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	20.06	
500-501-57510-20099	CAPITAL-EQUIPMENT	HUFFMAN ENGINEERING INC.	SITE WONDERWARE IMPROVEMENTS - MARCH 20	10,260.00	
Total For Dept 501 WASTEWATER TREATMENT FAC				20,317.79	
Total For Fund 500 UTILITY SERVICE				24,150.46	
Fund 520 WATER					
Dept 520 WATER					
520-520-52700	TRAINING AND TUITION	LA QUINTA INN & SUITES KE/RANDY LUCHT-KEARNEY MEETING		659.70	
520-520-52800	UNIFORMS	JACKSON SERVICES INC	UNIFORMS	190.96	
520-520-53200	PROFESSIONAL SERVICES	CENTRAL VALLEY AG COOPERAT	JOB 1934311 SOIL SAMPLE FIELD LAKE NORI	150.00	
520-520-53400	COMPUTER SUPPORT/MAINT	AMAZON	LOGITECH MK570 WIRELESS WAVE	32.49	
520-520-54310	BUILDING MAINTENANCE	MENARDS	THERMOMETER, KEY RING, DURACELL AAA	54.68	
520-520-54310	BUILDING MAINTENANCE	VAN DIEST HEATING & AIR LI	30,000 BTU UNIT HEATER	412.75	
520-520-54320	EQUIPMENT MAINTENANCE	ENTERPRISE ELECTRIC COLUM	MULTITESTER	88.08	
520-520-54390	SYSTEM MAINTENANCE	ACE HARDWARE & GARDEN CNT	GRAY CONCRETE SEALER	11.98	
520-520-54390	SYSTEM MAINTENANCE	BOMGAARS	SPRAY BOTTLE, PLUG, GAUGE	161.20	
520-520-54390	SYSTEM MAINTENANCE	KOCH EXCAVATING CO INC	5.49 TONS TOP DIRT, 22.93 TONS WHITEROC	499.78	
520-520-54390	SYSTEM MAINTENANCE	MENARDS	CHARMIN, BOUNTY	63.88	
520-520-54390	SYSTEM MAINTENANCE	OTTE ELECTRIC	LABOR & MATERIAL FOR WIRELESS ACCESS PC	748.86	
520-520-54420	WELL MAINTENANCE	BOMGAARS	NUTDRIVER, FASTENERS	15.72	
520-520-54420	WELL MAINTENANCE	SHERWIN-WILLIAMS CO	PAINT	71.61	
520-520-55640	COMPLIANCE TESTING	NEBRASKA PUBLIC HEALTH	TESTING	301.00	
520-520-56010	SUPPLIES	ACE HARDWARE & GARDEN CNT	ELECTRICAL TAPE, BATTERIES	41.16	
520-520-56010	SUPPLIES	MENARDS	CHARMIN, BOUNTY	48.30	
520-520-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	UNIFORMS	219.92	
520-520-56060	CHEMICALS	AQUA-PURE INC	MONTHLY SERVICE CONTRACT FOR NORTH & SC	16,641.12	

INVOICE GL DISTRIBUTION REPORT FOR CITY OF COLUMBUS, NE  
 EXP CHECK RUN DATES 04/05/2022 - 04/05/2022  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 520 WATER					
Dept 520 WATER					
520-520-56090	SMALL TOOLS	BOMGAARS	MULTI TOOL, SCRAPERS, OSCILLATING SET	127.99	
520-520-56130	SUPPLIES FOR RESALE	CORE & MAIN LP	IPERL METERS	728.05	
520-520-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	35.63	
Total For Dept 520 WATER				21,304.86	
Dept 522 SUPERFUND PROJECT					
520-522-54320	EQUIPMENT MAINTENANCE	HOA SOLUTIONS INC	WELL 1 SOUTH PLANT INTEGRATION	20,028.28	
520-522-54320	EQUIPMENT MAINTENANCE	OTTE ELECTRIC	LABOR & MATERIAL TO INSTALL NEW VFD CON	1,595.00	
Total For Dept 522 SUPERFUND PROJECT				21,623.28	
Total For Fund 520 WATER				42,928.14	
Fund 570 SOLID WASTE DIVISION					
Dept 570 TRANSFER STATION					
570-570-52800	UNIFORMS	JACKSON SERVICES INC	MATS, ROLLER TOWELS, UNIFORMS	173.66	
570-570-53200	PROFESSIONAL SERVICES	OLSON'S PEST TECHNICIANS	MONTHLY SERVICE	50.00	
570-570-54320	EQUIPMENT MAINTENANCE	TIRE OUTLET INC	USED TIRE	130.00	
570-570-54330	VEHICLE MAINTENANCE	TIRE OUTLET INC	3 - REPAIRS	440.00	
570-570-56010	SUPPLIES	MENARDS	PAPER TOWEL, BATH TISSUE, TRASH BAGS	66.81	
570-570-56020	OFFICE SUPPLIES	AMAZON	HP 58A/CF258A TONER	221.78	
570-570-56030	CLEANING SUPPLIES/SERVICE	JACKSON SERVICES INC	MATS, ROLLER TOWELS, UNIFORMS	34.90	
570-570-56240	TELEPHONE	GREAT PLAINS COMMUNICATION	PHONE/INTERNET CHARGES 3/16 - 4/15	12.03	
Total For Dept 570 TRANSFER STATION				1,129.18	
Total For Fund 570 SOLID WASTE DIVISION				1,129.18	
Fund 600 HEALTH INSURANCE					
Dept 600 HEALTH INSURANCE					
600-600-53600	HEALTH ADMINISTRATION	AUXIANT P2	APRIL ADMIN FEES	64,845.68	603
Total For Dept 600 HEALTH INSURANCE				64,845.68	
Total For Fund 600 HEALTH INSURANCE				64,845.68	

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INVOICE GL DISTRIBUTION REPORT FOR CITY OF COLUMBUS, NE  
EXP CHECK RUN DATES 04/05/2022 - 04/05/2022  
BOTH JOURNALIZED AND UNJOURNALIZED  
BOTH OPEN AND PAID

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
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Fund Totals:

Fund 100 GENERAL FUND	110,901.67
Fund 200 STREETS/ENGINEE	18,201.28
Fund 205 AIRPORT	1,247.99
Fund 220 COMMUNICATIONS	2,379.07
Fund 240 HOUSING REHAB &	2,838.84
Fund 500 UTILITY SERVICE	24,150.46
Fund 520 WATER	42,928.14
Fund 570 SOLID WASTE DIV	1,129.18
Fund 600 HEALTH INSURANC	64,845.68

Total For All Funds:	<u>268,622.31</u>
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Inv Ref#	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
73047	AXON ENTERPRISE INC.	03/22/2022	04/05/2022	6,830.64	6,830.64	Open	N
73087	PLATTE VALLEY PRECAST INC	03/30/2022	04/05/2022	8,253.00	8,253.00	Open	N
73150	PETE LIEN & SONS INC.	03/10/2022	04/05/2022	5,810.47	5,810.47	Open	N
# of Invoices:	3	# Due:	3	Totals:	20,894.11	20,894.11	
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00	
Net of Invoices and Credit Memos:					20,894.11	20,894.11	

--- TOTALS BY FUND ---

100 - GENERAL FUND	6,830.64	6,830.64
200 - STREETS/ENGINEERING	8,253.00	8,253.00
500 - UTILITY SERVICE	5,810.47	5,810.47

--- TOTALS BY DEPT/ACTIVITY ---

110 - POLICE	6,830.64	6,830.64
200 - STREETS	8,253.00	8,253.00
501 - WASTEWATER TREATMENT FAC	5,810.47	5,810.47

**5. APPROVAL OF MINUTES - Included in Consent Agenda**

**6. SPECIAL PRESENTATIONS**

- 6.A. Proclamation declaring the week of April 2, 2022, as The Week of the Young Child.

The City of **Columbus**

RESPONSIBLE • RESPONSIVE • REPUTABLE

Administration Office (402) 562-4232

Fax (402) 563-1380

**PROCLAMATION**

**WHEREAS,** The Week of the Young Child is celebrated from April 2 - 8, 2022; and

**WHEREAS,** The Week of the Young Child is an annual event which provides a time to celebrate young children and thank the early childhood education teachers and everyone who is involved in the care and education of young children; and

**WHEREAS,** Today we know more than ever before about the importance of children's earliest years in shaping their learning and development; and

**WHEREAS,** The Week of the Young Child is a time to recognize that children's opportunities are our responsibilities, and to commit ourselves to the promotion of excellence in early learning; and

**WHEREAS,** Organizations are working to improve early learning opportunities that can provide a foundation of learning for children in Nebraska; and

**WHEREAS,** Teachers and others who make a difference in the lives of young children in Nebraska deserve thanks and recognition.

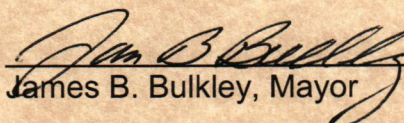
**NOW, THEREFORE,** I, James B. Bulkley, Mayor of the City of Columbus, Nebraska, do hereby proclaim the week of April 2 - 8, 2022, in Columbus, NE, as

**“THE WEEK OF THE YOUNG CHILD”**

and do hereby urge all citizens to recognize and support the needs of young children in our community.

**IN WITNESS WHEREOF,** I have hereunto set my hand and caused to be affixed the Official Seal of the City of Columbus, Nebraska.



  
James B. Bulkley, Mayor



7. **PUBLIC HEARINGS - None**

8. **PETITIONS AND COMMUNICATIONS - None**

9. **REPORTS OF CITY OFFICES**

9.A. 2021 Tax Increment Financing report.



The City of **Columbus**

**FINANCE DEPARTMENT**

Office (402) 562-4231 • Fax (402) 563-1380

The Community [Development Agency/Redevelopment Authority] of the City of Columbus, Nebraska, provides this report in compliance with the requirements under Section 18-2117.02, Nebraska Revised Statutes, Sections 18-2101, et. seq. (the "Nebraska Community Development Law"). The Nebraska Community Development Law governs the use of tax-increment financing. Pursuant to Section 18-2117.02 of the Nebraska Community Development Law, this report contains the following information:

**(1) The total number of redevelopment projects within the city that have been financed in whole or in part through the division of taxes as provided in section 18-2147:**

To date, twenty-one redevelopment projects within the city have been financed in whole or in part through the division of taxes as provided in section 18-2147.

**(2) The total estimated project costs for all such redevelopment projects:**

The total estimated project costs for all such redevelopment projects listed in item 1 above is \$163,995,408.00.

**(3) A comparison between the initial projected valuation of property included in each such redevelopment project as described in the redevelopment contract and the assessed value of the property included in each such redevelopment project as of January 1 of the year of the report:**

Please see the attached Redevelopment Project Matrix.

**(4) The number of such redevelopment projects for which financing has been paid in full during the previous calendar year and for which taxes are no longer being divided pursuant to section 18-2147:**

No redevelopment projects utilizing the division of taxes were paid in full during the previous calendar year.

**(5) The number of such redevelopment projects approved by the governing body in the previous calendar year:**

One redevelopment project was approved by the City Council of the City of Columbus in the previous calendar year.



The City of **Columbus**

**FINANCE DEPARTMENT**

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**(6) Information specific to each such redevelopment project approved by the governing body in the previous calendar year, including the project area, project type, amount of financing approved, and total estimated project costs:**

1. 23<sup>rd</sup> Street Corridor Area District, Area 6, \$6,663,837 Financed, \$9,379,030 Est. Cost

**(7) The percentage of the city that has been designated as blighted.**

Currently, 25% of the City of Columbus, Nebraska, has been designated as blighted, substandard and in need of redevelopment.

If you have any questions concerning the contents of this report, please contact Heather Lindsley, Finance Director at 402-562-4229. Thank you.

Sincerely,

Heather Lindsley  
Finance Director  
City of Columbus

**2021 CITY OF COLUMBUS ANNUAL TIF REPORTING**

Project Description	Relevel Area	Year Approved	Amount of Financing	Est. Project Cost	Base Valuation	2021 Valuation	Estimated Valuation per Relevel. Plan	2020 TIF Taxes Collected (2021 Taxes won't be paid until May and August)	Project Paid In Full
Freddy's	Area 1	2020	215,000.00	3,351,000.00	137,175.00	931,575.00	1,200,000.00		
Starbucks Coffee Shop	Area 1	2020	277,000.00	1,591,000.00	89,985.00	202,680.00	1,500,000.00		
Call Center	Area 1	2020	575,000.00	3,295,000.00	0.00	0.00	2,870,285.00		
Ace Oversize Storage-Armory Neighborhood	Area 9	2021	123,400.00	744,160.00			690,600.00		
EKEA	Area 3		800,000.00	4,800,000.00	0.00	0.00	4,800,000.00		
FRC Housing LLC	Area 2	2019	232,067.00	5,224,844.00	250,000.00	967,925.00	1,226,600.00		
4J Capital Redevelopment Proj.	Area 6	2019	2,866,500.00	26,738,280.00	561,815.00	11,876,885.00	14,624,071.00		
Sequoia	Area 3	2018	83,000.00	387,537.00	117,565.00	135,560.00	325,000.00	2,595.98	
Frontier Project-Armory Neighborhood	Area 9	2018	2,629,356.00	17,269,408.00	300,000.00	2,113,085.00	17,325,000.00	21,903.67	
Project Description	Relevel Area	Year Approved	Amount of Financing	Est. Project Cost	Base Valuation	2021 Valuation	Estimated Valuation per Relevel. Plan	2020 TIF Taxes Collected (2021 Taxes won't be paid until May and August)	Project Paid In Full
Farm View	Area 5	2018	3,354,938.00	30,377,499.00	31,675.00	5,168,905.00	8,305,000.00	6,206.61	
West Elks	Area 1	2018	155,650.00	1,091,650.00	146,650.00	527,750.00	1,000,000.00	10,106.36	
23rd St Corridor Project	Area 6	2021	6,663,837.00	9,379,030.00	109,964,960.00	1,898,400.00	11,863,360.00		
33rd Ave-Phase I Retail Project	Area 1	2018	375,000.00	2,330,000.00	527,710.00	1,698,855.00	2,250,000.00	33,064.66	
33rd Ave-Phase 2 Retail Project	Area 1	2020	575,000.00	3,295,000.00	370,285.00	726,590.00	2,870,285.00		
33rd Ave-Apartment Project	Area 1	2018	1,225,000.00	7,891,000.00	234,805.00	6,340,995.00	6,675,000.00	50,921.74	
33rd Ave-Hotel Project	Area 1	2018	975,000.00	8,530,000.00	167,315.00	3,446,185.00	4,000,000.00	52,407.58	
Westgate I (Hobby Lobby)	Area 2	2014	226,000.00	3,500,000.00	1,089,785.00	1,627,965.00	1,089,785.00	31,175.40	
NBC Capital-(Ramada)	Area 4	2013	510,000.00	2,500,000.00	625,915.00	3,110,775.00	625,915.00	87,410.09	
Westgate II (Slumberland)	Area 2	2010	368,694.00	4,200,000.00	1,712,260.00	1,333,680.00	1,712,260.00	25,437.18	
Hy-Vee Shopping Center		2004	500,000.00	4,500,000.00	1,925,675.00	5,428,810.00	1,925,675.00		Yes-2015
Village Addition Shopping Center		2001	3,350,000.00	23,000,000.00	1,095,090.00	23,842,090.00	1,095,090.00		Yes-2015
			<b>26,080,442.00</b>	<b>163,995,408.00</b>	<b>119,348,665.00</b>	<b>71,378,710.00</b>	<b>87,973,926.00</b>	<b>321,229.27</b>	

**25% of The City of Columbus is Blighted**

**10. REPORTS OF COUNCIL COMMITTEES - None**

**11. REPORTS OF SPECIAL COMMITTEES - None**

**12. REPORTS ON LEGISLATION**

**13. NEW BUSINESS**

13.A. Appointment of Jill Owens to Senior Center Advisory Board for three-year term.

The City of **Columbus**

RESPONSIBLE • RESPONSIVE • REPUTABLE

Administration Office (402) 562-4232

Fax (402) 563-1380

**M E M O R A N D U M**

**DATE:** March 31, 2022  
**TO:** City Council Members  
**FROM:** James B. Bulkley, Mayor  
**SUBJECT:** Appointment


With your permission, I wish to submit the following name to you for appointment at the April 4, 2022, City Council meeting. Due to the necessity of filling this vacancy, we ask that the two-week waiting period be waived.

**SENIOR CENTER ADVISORY BOARD: (Three-year term)**

**Jill Owens, 3662 Deerfield Place, Columbus, NE 68601**

Jill Owens is a former city employee of nine years. For six of those years she served as the library director, and was a bookmobile volunteer after that. Mrs. Owens is also an election worker of many years, and served on the Senior Center Advisory Board from 2017 to 2020. The Community Center is near and dear to her heart, as it helped her parents get out and make friends when they moved to Columbus nearly ten years ago. When her father passed in 2017, the center was one of two suggestions made by her family for memorial donations. The friends made at the center were a comfort to her mother, and she joined the widow and widowers support group. Because of the value her parents placed on the center, Jill would like to return to serve on the board.

Jill and her husband Dwain have been married 42 years, and have lived in Columbus since 1991. They have two married sons and four grandchildren, all of whom live in Columbus. Dwain and Jill are members of St. Isidore parish, and Jill is an EMHC who takes communion to the elderly and shut-in parishioners. She is also a member of the St. Isidore Christian Mothers. In addition to volunteering and keeping busy with the four generations of family who live in Columbus, Jill enjoys reading and making photo albums for her grandchildren.

  
James B. Bulkley, Mayor

Committee/Mtgs/Appoint/Reappoint/SrCntrAdvBd

13.B. Comments from mayor and city council members.

**14. RESOLUTIONS**

14.A. Resolution No. R22-39 approving Amendment A to Standard Agreement and General Conditions with Sand Creek Construction Company in the amount of \$89,069.40 to provide for purchase of a family water slide and related materials at Pawnee Plunge.

**RESOLUTION NO. R22-39**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING AMENDMENT A TO THE STANDARD AGREEMENT AND GENERAL CONDITIONS BETWEEN OWNER AND DESIGN-BUILDER, SAND CREEK CONSTRUCTION COMPANY, IN THE AMOUNT OF \$89,069.40 TO PROVIDE FOR PURCHASE OF A FAMILY WATER SLIDE AND RELATED MATERIALS FOR THE PAWNEE PLUNGE WATERPARK FAMILY SLIDE PROJECT; A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

WHEREAS, the city entered into a contract with Sand Creek Construction Company to provide design-build service to the city by Resolution No. R22-35 adopted on March 21, 2022; and

WHEREAS, the guaranteed maximum price, substantial completion date, and final completion date will be provided in future amendments.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, that Amendment A to the Standard Agreement and General Conditions between Owner and Design-Builder, Sand Creek Construction Company, in the amount of \$89,069.40 to provide for purchase of a family water slide and related materials for the Pawnee Plunge Waterpark Family Slide project, a copy of which is attached hereto and incorporated herein by this reference, is hereby approved and the mayor is authorized, directed, and empowered to execute the same on behalf of the City of Columbus.

This resolution shall repeal all resolutions or portions thereof in conflict herewith.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

The City of **Columbus**

**MEMORANDUM**

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**DATE:** March 31, 2022  
**FROM:** Richard J. Bogus, P.E., City Engineer  
**TO:** Tara Vasicek, City Administrator  
**RE:** Pawnee Plunge Family Slide, Sand Creek Construction Company  
Amendment A to the Standard Agreement and General Conditions  
between Owner and Design-Builder

**RECOMMENDATION:**

I recommend approval of the authorization of the Mayor sign the Pawnee Plunge Family Slide, Sand Creek Construction Company Amendment A to the Standard Agreement and General Conditions between Owner and Design-Builder

**DISCUSSION:**

Amendment A provides Sand Creek Construction Co. a Limited Notice to Proceed for purchasing of the family slide and related materials prior to supplier proposed price increases. The family slide is SplashTacular 8-foot open waterslide and support structure. The slide is 20-foot centerline length with a water flow rate of 300 to 500 gpm.

The Guaranteed Maximum Price, Substantial Completion Date, and Final Completion Date will be provided in future amendment(s).

**FISCAL IMPACT:**

Lump sum \$89,069.40. Part of CIP 21-49 in the amount of \$100,000.

**ALTERNATIVE:**

None

**SIGNATURE:**

By: Richard J. Bogus

Approved By: [Signature]

**AMENDMENT TO DESIGN-BUILD AGREEMENT  
COLUMBUS, NEBRASKA  
FAMILY WATER SLIDE AT PAWNEE PLUNGE WATERPARK**

**March 30, 2022**

**REFERENCE:** Standard form of agreement between Owner and Design-Builder for services dated March 21, 2022. Except as noted below, all other terms and conditions remain unchanged.

**AMENDMENT:** For additional services and fees to order the slide and related materials.

**SCHEDULE OF FEES:** Additional costs for a total in the amount of \$89,069.40.

**OWNER:**                   **City of Columbus, NE  
James Bulkley, Mayor**

\_\_\_\_\_

**DESIGN BUILDER:** **Troy M. Johnston  
Sand Creek Construction Company**

  
\_\_\_\_\_

# *COLUMBUS, NEBRASKA*

Pawnee Plunge Family Slide Addition

## \$84,828.00 Base Bid Slide A & Tower – Installed

Pricing is good for 60 days.

### 1. DESIGN SERVICES

Shop drawings sealed by a Professional Engineer registered in the State of Nebraska.  
The required information for submission to regulatory authorities.  
Operations and Maintenance Manuals.  
One (1) year limited warranty on defects in workmanship and materials.

### 2. WATERSLIDE SCHEDULE

	Waterslide Type	Center-line Total Length	Tower Height	Flow Rate (GPM)	Notes
Waterslide A	8 foot open family	19.86'	5.25'	300 to 500	

### 3. SUPPORT STRUCTURE

#### Starting Tower and Stairway:

**Hot dip galvanized steel tower** including upper platform, landings, columns, stairways, guardrails, handrails and gate designed for bolt-up installation.

**Stair treads will be 40-inch-wide** (36 inches between ADA compliant handrails, with handrails on both sides of the stairs) and will utilize Splashtacular's **Smart Tread™ pultruded fiberglass tread system** with an integral riser and bottom plate.

**Decks and landings will be Smart Tread™ pultruded fiberglass decking system** with an integral bottom plate.

**Contrasting nosing included for the leading edge of the stair tread.**

#### Flume Support Systems:

**Hot dip galvanized steel** flume support columns, arms and yokes with all necessary nuts, bolts and washers designed for bolt-up installation.

### 4. FINISHES & ACCESSORIES

#### Powder Coated Finish:

All structural steel will be pre-treated with a chemical wash and surface preparation prior to receiving a baked-on Sherwin Williams Powdura RAL Series Super Durable TGIC-Free powder coated finish. Client may select colors from any of Splashtacular's 188 standard RAL color selections. Custom colors available for an additional charge.

#### Fiberglass Color:

Multiple and/or different slide colors inside and outside are no extra charge. Client may select colors from any of Splashtacular's 188 standard RAL color selections. **KEEP IT SHINY**, our proprietary industrial grade protective coating, is applied to all exterior non-riding surfaces for outstanding color retention and lasting protection. Custom colors and translucent fiberglass is available for an additional charge.

#### Canopy:

The upper platform including the slide entry will be protected with a fabric canopy and frame.

## **5. MISCELLANEOUS**

### **Hardware:**

Fiberglass sections are factory pre-drilled to decrease on-site installation time.

All fiberglass flange joint hardware is 316 stainless steel.

All hardware for steel to steel connections is hot dip galvanized A325 and A307 bolts.

Hot dip galvanized foundation anchor bolts with full size paper templates to be provided by Splashtacular but installed by others. Custom triple-gasket system as well as polyurethane non-shrink compound is installed between all flume joints to prevent leaks.

### **Freight:**

Freight to jobsite including loading and unloading containers.

### **Commissioning:**

One mobilization is included for on-site training, ride testing and safety certification by a Splashtacular management representative once the slides are operable. A minimum of two weeks advance notice is required to allow sufficient time to make travel arrangements. Additional costs may be charged for trainings requested with less than two weeks' notice or for rescheduled trainings.

### **Safety Signage:**

Safety rule signage will be supplied with rules specific to the type of slide purchased. One (1) illustrated riding instruction sign will be provided for each slide tower.

## **6. INSTALLATION**

### **FULL INSTALLATION SERVICES**

#### **Prevailing/Union wage rates excluded.**

We will provide a fully experienced and capable job supervisor, all labor, materials and equipment necessary to complete the installation of the slide, flume support system and steel tower in accordance with the engineered drawings and principles of good workmanship. An additional charge will be assessed should more than one mobilization be required for installation.

## **7. INSTALLATION CONSIDERATIONS**

- a. Adequate access for installation equipment is required at all times from laydown area to and around the area of the waterslide until the work is complete and the installation crew has demobilized.
- b. A fresh water supply to be located within approximately 30 yards of the waterslide tower for cleaning purposes.
- c. A dedicated power supply to be located at the waterslide tower for installation crew to operate small tools.

## **8. EXCLUSIONS**

- a. Sales/Use taxes, licenses, permits and fees.
- b. Insurance coverage in excess of standard policy aggregates/limits.
- c. Performance and payment bonds.
- d. Soil reports or surveying.
- e. Notices, inspections or testing of any kind including steel fabrication inspections and material testing.
- f. Demolition and/or repairs to decks, fences and landscaping.
- g. Supply and installation of concrete footings, foundations, grouting and grounding wires.
- h. Supply, installation or modification of the pool, decks, drainage systems, deck drains, grating and holding or ballast tanks.
- i. Supply, installation or modification of plumbing, mechanical and electrical equipment including emergency start/stop equipment, piping connections and pipe supports.
- j. Temporary utilities and dumpster.
- k. Coated or painted anchor bolts and hardware.
- l. Pultruded fiberglass (painted or otherwise), aluminum, acrylic, glass or any guardrail material other than steel.
- m. Deck ropes, fences or barriers of any kind.
- n. Rafts or inner tubes.

- o. Any type of theming or rockscaping.
- p. Prevailing or union wage rates.
- q. Wall block outs, closure panels or sealing around the slide at wall penetrations.
- r. Any items not specifically stated above.

*NOTE: It is agreed that Splashtacular shall be permitted to process our work without interruption or delay. The purchaser hereby agrees that Splashtacular will be reimbursed in full for all costs associated with any delays. These reimbursable costs include but are not limited to re-mobilization costs and equipment rental/delivery fees. This agreement must become a part of the final contract.*

## **9. PRELIMINARY FOUNDATION INFORMATION**

The attached design for Slide A should require:

- (2) Type A column foundations
- (4) Type F concrete columns and foundations
- (1) Stairbase foundation.

Extra excavation due to poor soil conditions could result in extra costs as well as an increase in footing sizes. Extra costs may be incurred by buyer if soil conditions are worse than anticipated. Owner/Contractor to furnish Splashtacular with a copy of the project soils report.

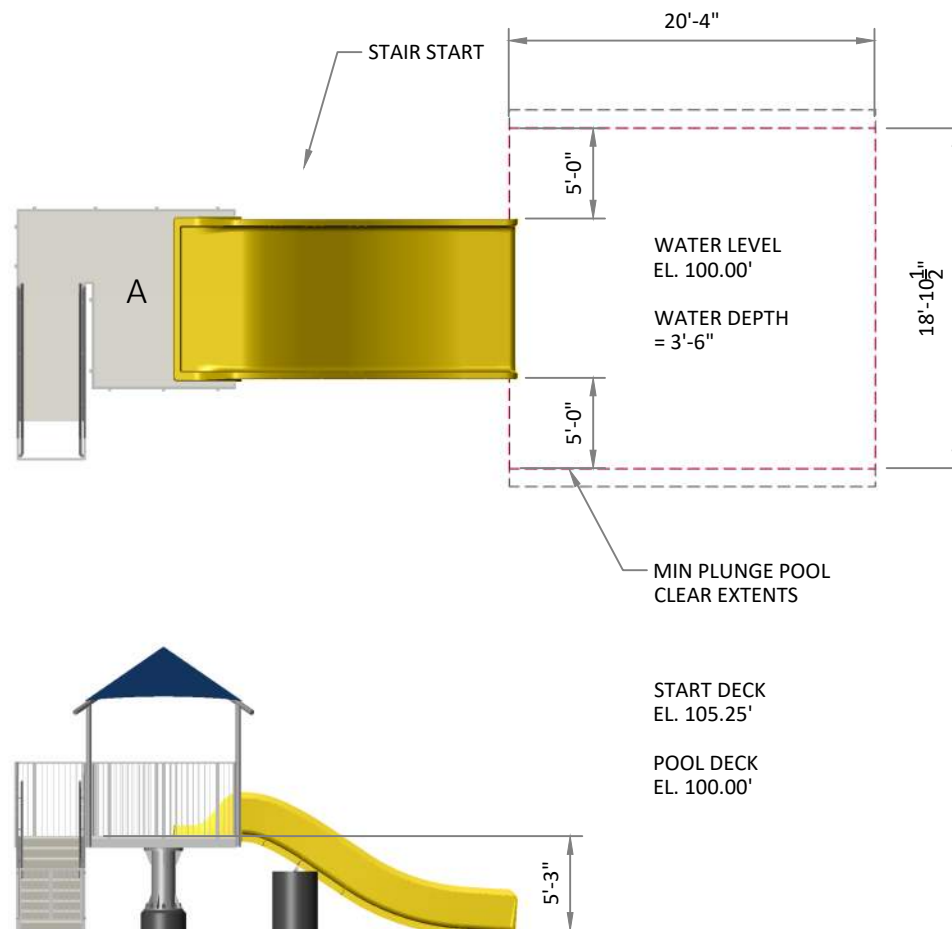
## **10. PAYMENT TERMS**

- 20% Deposit to initiate contract and prepare shop drawings.
- 30% Due at receipt of approved shop drawings and prior to fabrication.
- 40% Due upon completion of fabrication and prior to shipment.
- 10 % Due upon completion of installation and prior to commissioning. Final payment to be placed in escrow prior to shipment of materials. Escrow location and agreement to be mutually agreed upon and included in contract documents.

## **ATTACHMENTS**

MARK	SLIDE TYPE	GPM	HEIGHT (ft)	LENGTH (ft)
A	FAMILY SLIDE - 8' WIDE	300-500	5.25'	19.86'
	TOTAL LENGTH:			19.86'

Slide height is from finished pool/runout deck to finished start deck.  
Water level is assumed to be even with finished start deck.



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Colors shown here will differ from actual colors due to variations in the calibration of computer monitors and printers. Translucent fiberglass depicted on this color rendering and the amount of transparency shown is only for facilitating the location of translucent fiberglass sections. Refer to actual fiberglass samples for an accurate representation of the color and translucency.

**PRELIMINARY  
NOT FOR CONSTRUCTION**

This document is the intellectual property of Splashtacular, which has exclusive rights to proprietary trade secrets and confidential information contained herein. Receipt of permission to use this document does not convey any rights to use the information contained herein without prior written consent of Splashtacular.

**SPLASHTACULAR**  
Waterslides and Waterpark Attractions

401 N. East Street  
Paola, KS 66071

v. 800.844.5334  
f. 913.294.2496

TITLE: **PROPOSED OUTDOOR LAYOUT - FAMILY SLIDE**

PROJECT:

CLIENT:

DATE: 11/9/21

SCALE: NTS

DESIGNER: BCM/SCM

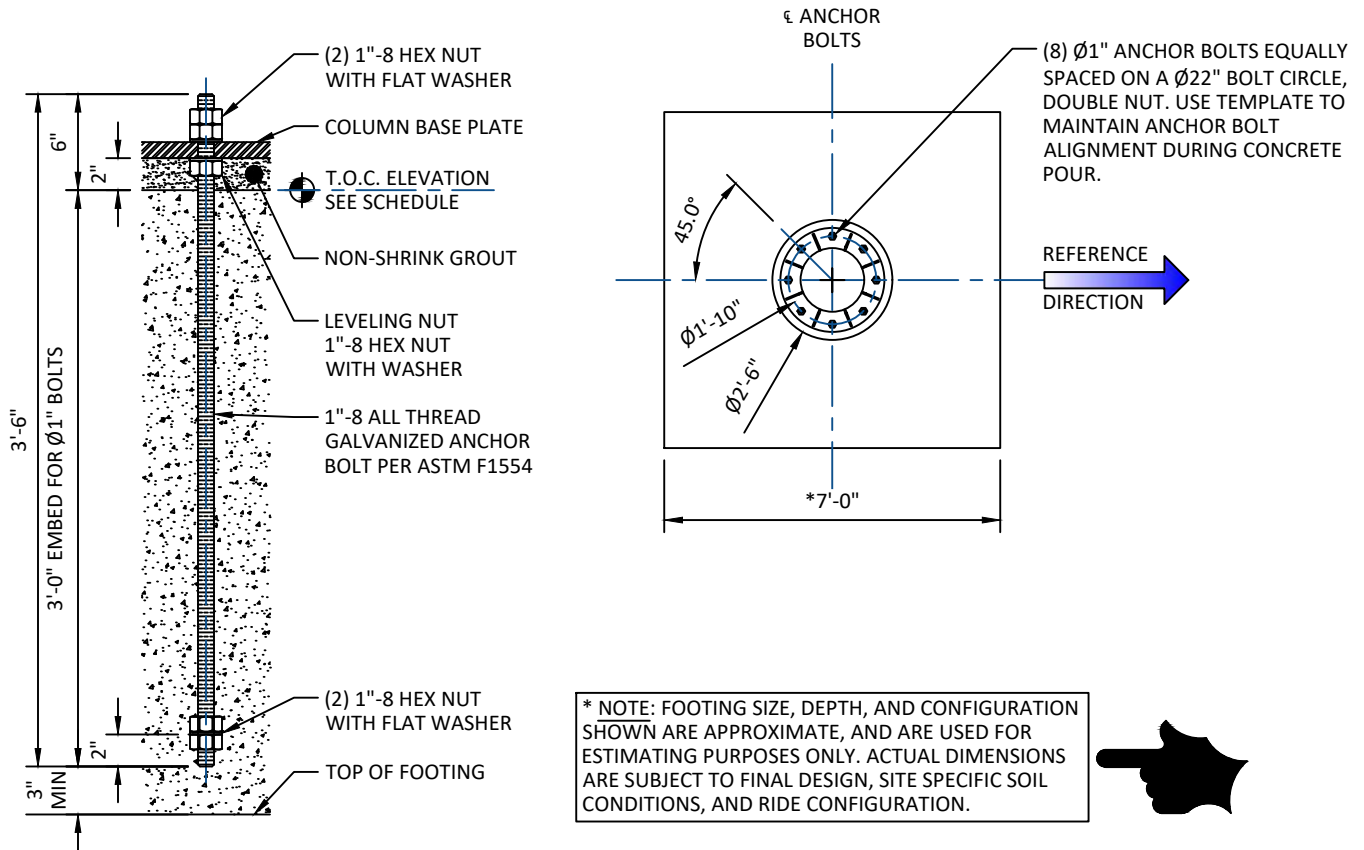
CITY: COLUMBUS

COUNTRY: USA

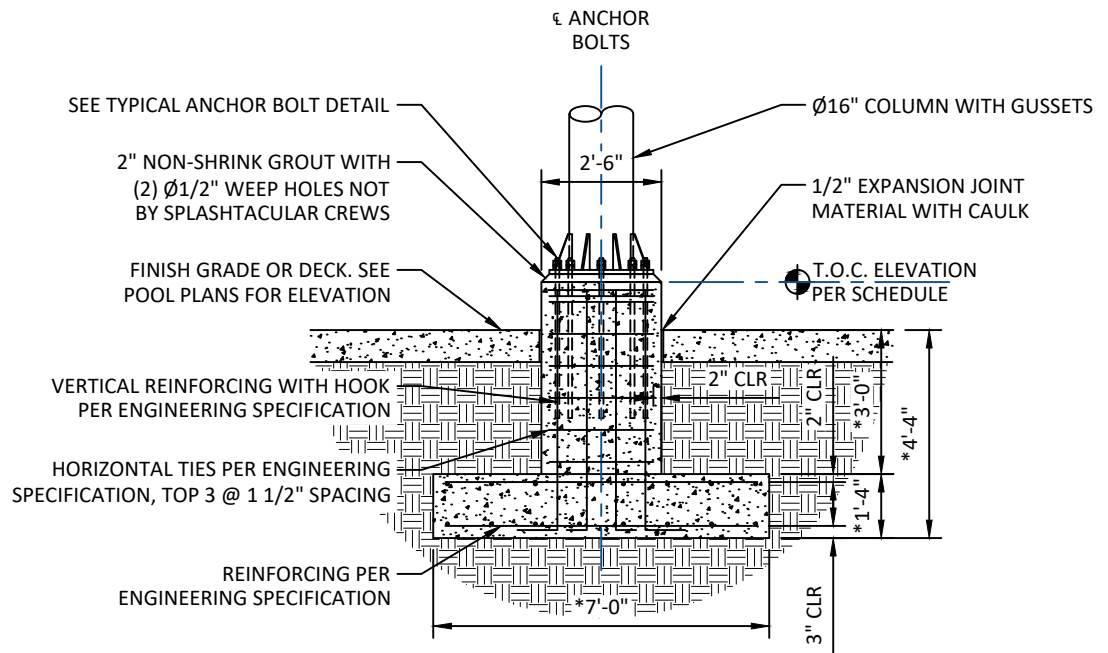
STATE: NEBRASKA

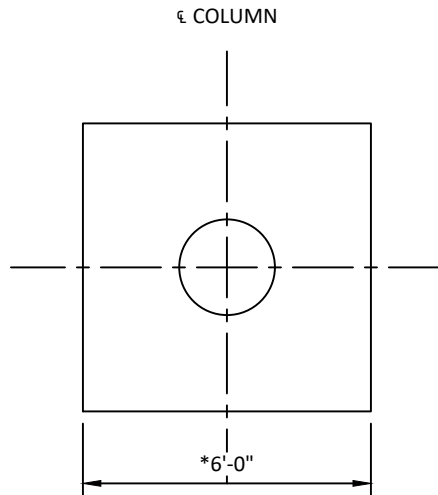
**SLD 3**

**1 OF 1**

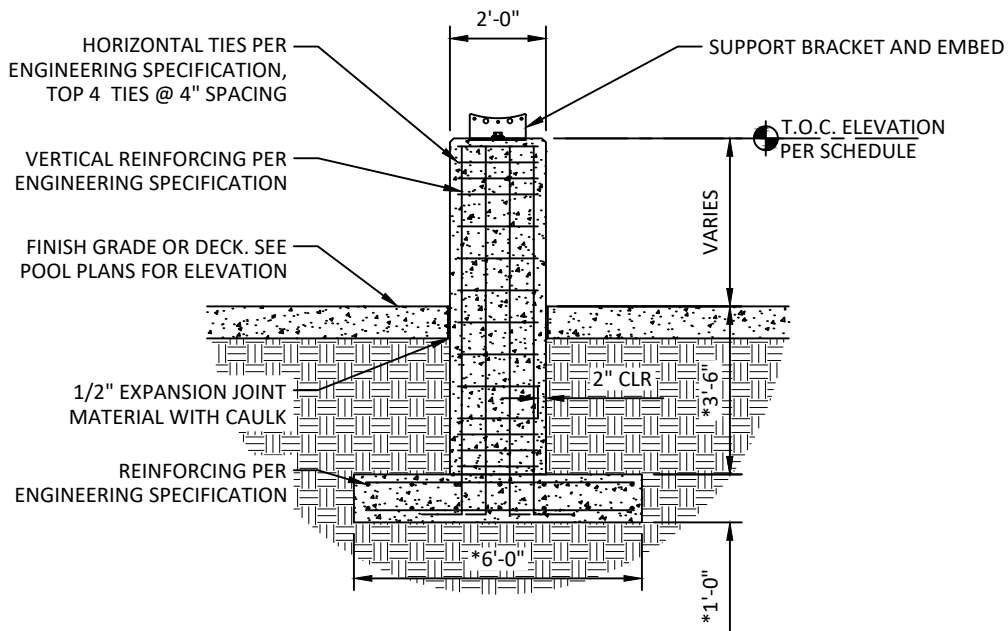


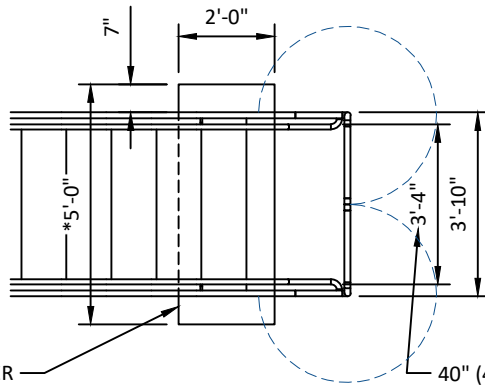
TYPICAL ANCHOR BOLT DETAIL





\* NOTE: FOOTING SIZE, DEPTH, AND CONFIGURATION SHOWN ARE APPROXIMATE, AND ARE USED FOR ESTIMATING PURPOSES ONLY. ACTUAL DIMENSIONS ARE SUBJECT TO FINAL DESIGN, SITE SPECIFIC SOIL CONDITIONS, AND RIDE CONFIGURATION.

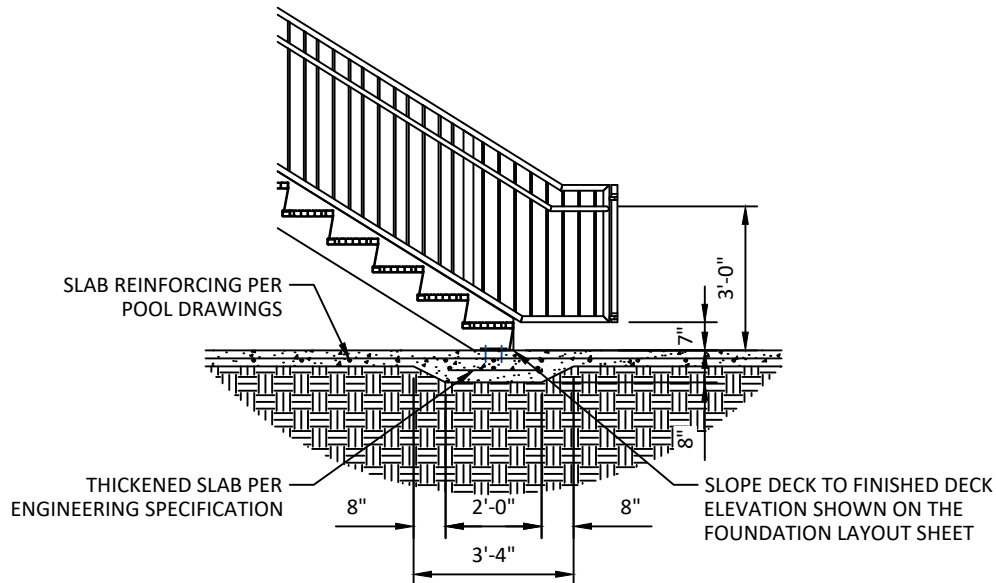




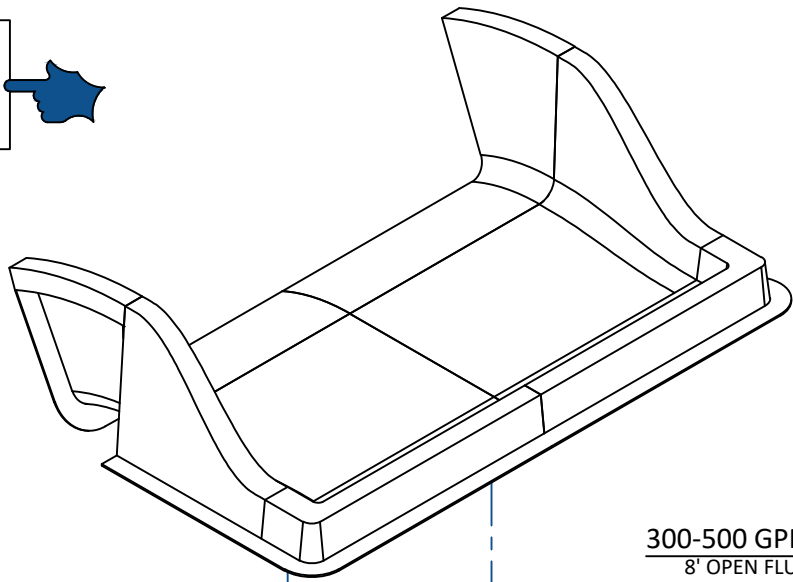
THICKENED SLAB UNDER STAIR STRINGER

40" (46" OUTSIDE DIM) STAIR SHOWN, 52" (58" OD) AND 60" (66" OD) WIDTHS ARE ALSO AVAILABLE, AND MAY BE REQUIRED PER BUILDING CODE REQUIREMENTS.

\* NOTE: FOOTING SIZE, DEPTH, AND CONFIGURATION SHOWN ARE APPROXIMATE, AND ARE USED FOR ESTIMATING PURPOSES ONLY. ACTUAL DIMENSIONS ARE SUBJECT TO FINAL DESIGN, SITE SPECIFIC SOIL CONDITIONS, AND STAIR CONFIGURATION.



FINAL CONNECTION AND PVC PLUMBING IS BY OTHERS



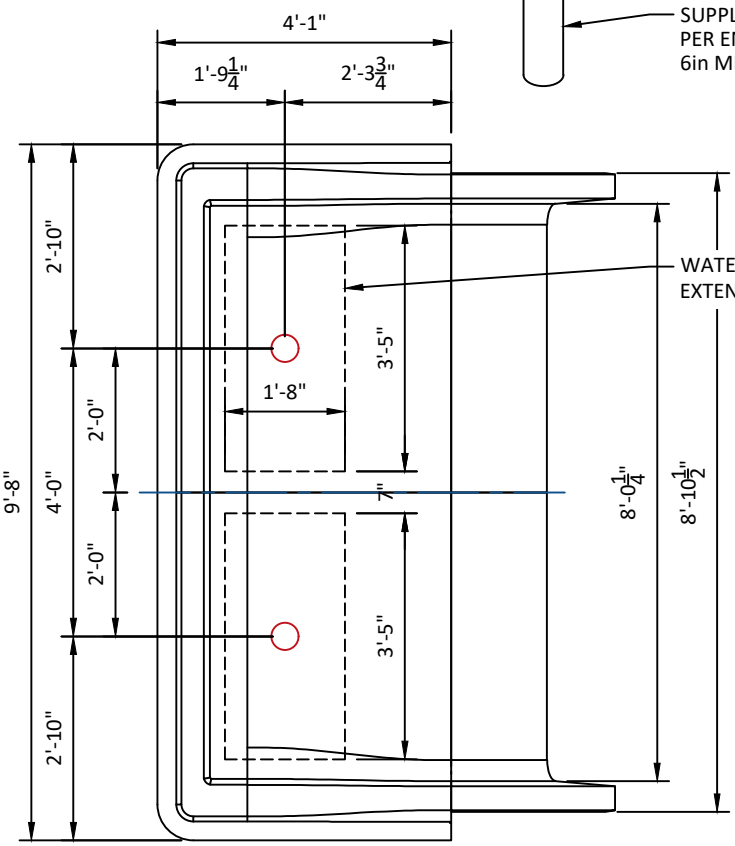
**300-500 GPM CONNECTION:**  
8' OPEN FLUME FAMILY SLIDE

4in WATER SUPPLY TO START TUB

PLUMBING ASSEMBLY TYPICALLY LOCATED BELOW DECK

BUTTERFLY VALVE - OR EQUAL ONE VALVE IS REQUIRED PER SLIDE LOCATE WHERE EASY TO ACCESS TO REGULATE FLOW FROM PUMP

SUPPLY PIPE PER ENGINEER 6in MINIMUM



WATER FEED BASINS EXTEND 4 1/2" BELOW DECK

401 N. East Street  
Paola, KS 66071

1.800.844.5334

[www.splashtacular.com](http://www.splashtacular.com)  
[sales@splashtacular.com](mailto:sales@splashtacular.com)

California Contractors License #1056997

**SPLASHTACULAR**  
Waterslides and Waterpark Attractions

14.B. Resolution No. R22-40 approving commercial lease agreement with The Broken Mug, LLC for operation of a coffeehouse in the Community Building in the amount of \$762.50 per month for five-year term commencing April 1, 2023.

**RESOLUTION NO. R22- 40**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING A COMMERCIAL LEASE AGREEMENT WITH THE BROKEN MUG, LLC TO RENT SPACE IN THE COLUMBUS COMMUNITY BUILDING FOR OPERATION OF A COFFEEHOUSE IN THE RENTAL AMOUNT OF \$762.50 PER MONTH FOR A FIVE YEAR TERM COMMENCING APRIL 1, 2023; A COPY OF WHICH IS ATTACHED HERETO AND INCORPORATED HEREIN BY THIS REFERENCE; TO AUTHORIZE THE MAYOR TO EXECUTE THE SAME ON BEHALF OF THE CITY; AND TO REPEAL ALL RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH.

WHEREAS, the City of Columbus desires to lease out space in the City’s new Community Building to The Broken Mug, LLC for operation of a coffeehouse; and

WHEREAS, The Broken Mug, LLC is willing to pay \$762.50 per month over a five year period and the City is willing to accept the same as fair and reasonable rent; and

WHEREAS, a copy of the commercial lease is attached hereto and incorporated herein by this reference.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF CITY OF COLUMBUS, NEBRASKA, that the Commercial Lease Agreement with The Broken Mug, LLC for operation of a coffeehouse in the City’s new Community Building, a copy of which is attached hereto and incorporated herein by this reference, is hereby approved and the mayor is hereby authorized, directed, and empowered to execute the same on behalf of the City of Columbus.

This resolution shall repeal all resolutions or portions thereof in conflict herewith.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY



# The City of Columbus

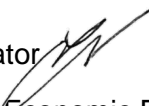
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Administration Office (402) 562-4232

Fax (402) 563-1380

## memorandum

DATE: April 31, 2022

TO: Tara Vasicek, City Administrator 

FROM: Jean Van Iperen, Planning & Economic Development

RE: Community Building Coffee Shop Lease

### RECOMMENDATION:

Approval and authorizing the Mayor to sign the 5-year lease with The Broken Mug to operate the Coffee Shop location in the new Community Building being constructed at 2500 14<sup>th</sup> St.

### DISCUSSION:

The City of Columbus issued an RFP in December 2021 for the leasing opportunity of the 915 sq. ft. Coffee Shop located on the ground floor of the Columbus Community Building. Contact was made with eight different coffee shops and companies in the region making them aware of the RFP with proposals going out to five of these contacts. The Broken Mug was the only company that submitted a proposal. The lease was negotiated and the final draft is before you.

The lease was done well in advance due to the fact that section of the building will need work done (including initial plumbing and electrical work) by the tenant prior to occupancy. The Broken Mug has toured the facility and has begun making arrangements to finish out the area with an expected opening date at the same time as the Community Building.

### FISCAL IMPACT:

Lease payment is \$9,150 per year for the next five years with a security deposit of \$762.50 due when the lease begins.



## COMMERCIAL LEASE AGREEMENT

This Agreement (herein referred to as the "Lease") is made and entered into on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between City of Columbus, Nebraska, a Municipal Corporation of the State of Nebraska (hereinafter called the 'Lessor'), and The Broken Mug, LLC (hereinafter called the 'Lessee').

NOW, THEREFORE, IT IS AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. **PREMISES:** Lessor hereby leases to the Lessee, the below described premises (hereinafter called the 'Leased Premises'). The Lessor warrants and represents that it is the owner of those Leased Premises, with appurtenances, described as follows:

Nine Hundred and Fifteen (915) square feet of interior space found on the ground floor of the building commonly known as the Columbus Community Building located at 2500 14<sup>th</sup> Street in Columbus, Nebraska. Said Leased Premises will front 14<sup>th</sup> Street between 25<sup>th</sup> and 26<sup>th</sup> Avenues (i.e. the southwest end of the Columbus Community Building). Also, said Leased Premises will include access to a drive-up window.

The specific address of the Leased Premise shall be determined by the City of Columbus at a later date and time.

2. **TERM:** The initial term of this Lease is for five (5) years and shall commence on April 1, 2023, and shall end on March 31, 2028, unless sooner terminated as hereinafter provided. At the end of said term, and if the Agreement is not mutually renewed or a new lease entered into, Lessee shall vacate the Leased Premises.

3. **POSSESSION:** Lessee is entitled to possession of the Leased Premises on the commencement date of the Lease. However, Lessee and its contractors shall be allowed access to the Leased Premises prior to the commencement date, at times and on dates that have been approved by Lessor, in order to complete set up and site preparation.

4. **RENTAL:** Lessee shall pay to Lessor as rent under the terms of this Agreement the sum of Seven Hundred and Sixty-Two Dollars and Fifty Cents (\$762.50) per month. Payments are due the first (1<sup>st</sup>) of each month, and will be considered late if made more than ten (10) days after it is due. Late payments will be assessed a Fifty Dollar (\$50.00) late fee. Lessee shall make payments to Lessor to any such place or places as Lessor may designate in writing from time to time.

5. **SECURITY DEPOSIT:** Lessee shall deposit the amount of Seven Hundred and Sixty-Two Dollars and Fifty Cents (\$762.50) with Lessor, which amount shall be held by Lessor as security for the full and timely performance by Lessee of the terms and conditions of this Lease and for the payment of any final judgment that may be rendered against Lessee because of this Lease. The security deposit shall be returned to Lessee at the expiration of this Lease, or any extensions thereof, provided that all terms and conditions contained in this Lease have been fully performed by Lessee.

6. **HOLDING OVER:** In the event Lessee remains in possession of the Leased Premises after the expiration of the lease term, or any extension thereof, this Lease shall be

automatically extended on a month-to-month basis, subject to a thirty (30) days termination by either party, and otherwise on the same terms and conditions herein specified.

7. **USE AND OCCUPANCY.** The Leased Premises is being leased to Lessee for occupancy and operation of a Coffeehouse which shall be accessible to the local community and it is not to be used for any other purpose or occupied by any other person or entity without first obtaining written consent from Lessor.

8. **LESSOR'S ACCESS TO LEASED PREMISES:** Lessor shall have full and unhindered access to enter the Leased Premises, or any portion thereof, at any time for any reason. Lessor shall have a master key to the Lease Premises that is only in the possession of the City Administrator's, or her/his authorized representative. Lessee shall not in any way tamper with or change the access control and access mechanisms that the Lessor is providing for the space.

9. **ABANDONMENT OF LEASED PREMISES:** Lessee shall not vacate or abandon the Leased Premises at any time during the term of this Lease. If Lessee abandons, vacates, or surrenders the Lease Premises, or is disposed of it by the process of law, or otherwise, then any personal property belonging to Lessee and left on the Leased Premises shall be deemed to be abandoned; and, Lessor at its sole discretion may elect to keep said personal property for its own use, sell said personal property and keep the proceeds of such sale, or otherwise dispose of said personal property.

10. **HOURS OF OPERATION:** Lessee shall advise Lessor with reasonable notice of its desired hours of operation, and any changes to the same. Approval of said hours must be agreed upon by Lessor and Lessor shall not unreasonable withhold said approval of Lessee's hours of operation. Lessee agrees that its hours of operation may have to be adjusted from time to time depending on other activities occurring in or around the Columbus Community Building.

11. **ASSIGNMENT AND SUBLETTING:** The Lessee shall not assign or sublet this Lease without the prior written consent of Lessor. If approved by Lessor, any occupant, assignee, or sub-lessee must agree to abide by all the terms and provisions of this Lease.

12. **LESSEE IS A SEPARATE LEGAL ENTITY FROM LESSOR:** Lessee acknowledges that it is a separate, independent, and standalone legal entity from Lessor and that Lessor has no say or control over its management or day to day operations. Lessee shall hire and manage its own staff, and pay all its employees' wages and benefits. Nothing contained herein shall be deemed or construed by the parties hereto, nor by any third party, as creating the relationship of principal and agent or of partnership, or of joint venture by the parties hereto, it being understood and agreed that no provision contained in this Lease nor any acts of the parties hereto shall be deemed to create any relationship other than the relationship of Lessor and Lessee.

13. **INSPECTION:** Lessee agrees to permit the Lessor and/or its authorized representatives to enter the Leased Premises at all reasonable times during usual business hours for the purpose of inspecting the same, or for the making of any necessary repairs for which the Lessor is responsible or feels is necessary for the safety and preservation of the Leased Premises. In the case of an emergency, Lessor may enter the Leased Premises for inspection or repairs without advanced notice.

14. **FIXTURES, EQUIPMENT, AND PERSONAL PROPERTY:** Any trade fixtures, equipment, or personal property installed in or attached to the Leased Premises by or at the expense of the Lessee, shall be and remain the property of the Lessee and Lessor agrees that Lessee shall have the right to remove any and all of its personal property, trade fixtures and equipment. Fixtures, equipment, and other personal property which may have been stored or installed by or at the expense of Lessor shall be and remain the property of the Lessor. Lessee agrees that it will, at its own expense, repair any damage to the Leased Premises by reason of the removal of its trade fixtures, equipment, and other personal property. Lessee shall be responsible for all maintenance and repairs of its trade fixtures, equipment, and personal property; and, Lessor has no liability or responsibility for the same, including damages that may be caused by Lessee's trade fixtures, equipment, and personal property.

15. **ALTERATIONS:** Lessee acknowledges that the Leased Premises, upon inspection prior to the beginning of the Lease, will be leased in good condition. Lessee shall not permit any alterations of or additions to any part of the Leased Premises which will effect or impair the structure, design, or strength of the building, or lessen the value of the Leased Premises, or change the purposes of the building or Leased Premises, except by express written consent of Lessor; and, all alterations and additions to the Leased Premises erected during the Lease term shall remain for the benefit of the Lessor and become part of Leased Premises, unless otherwise provided in said consent. Notwithstanding the foregoing, Lessee may, without consent of Lessor, make additions, alterations, repair, or redecorating to the Leased Premises of a non-structural nature, provided that upon completion of such alterations and additions, the fair market value of the Leased Premises and rental value thereof will not be less than the fair market value and rental value of the Leased Premises immediately prior to such alternations and additions. Any alterations, additions, repairs, or redecorating performed by Lessee shall be performed in a satisfactory manner to Lessor. Lessee hereby indemnifies Lessor against liens, costs, damages and expenses with respect to any such alterations, additions, repairs, or redecorating.

16. **SIGNAGE:** Any signage used by Lessee must be pre-approved by Lessor; and said signage must also conform to the following:

- a. **Exterior Signs:** Lessee shall have the right, at its sole risk and expense and in conformity with applicable laws and ordinances, to erect and thereafter, to repair or replace, if it shall so elect to do so, signs on the exterior of the Leased Premises, at a location and with a design that has been preapproved by the Lessor. Lessee shall remove any such signs upon termination of this Lease, and repair all damage occasioned thereby to the Leased Premises.
- b. **Interior Signs:** Lessee shall have the right, at its sole risk and expense and in conformity with applicable laws and ordinances, to erect, maintain, place and install its usual and customary signs and fixtures in the interior of the Leased Premises, at locations and with a design that has been preapproved by the Lessor.

17. **OUTDOOR AND INDOOR SEATING:** Any outdoor and indoor seating used by Lessee and their location thereof must first be preapproved by the Lessor, and said approval shall not be unreasonably withheld.

18. **ENCUMBERING OF TITLE:** Lessee shall not do any act which shall in any way encumber the tile of Lessor in and to the Leased Premises, nor shall the interest or estate of Lessor in the Leased Premises be in any way subject to any claim by way of lien or

encumbrance, whether by operation of law or by virtue of any express or implied contract by Lessee. Any claim to, or lien upon, the Leased Premises arising from any act or omission of Lessee shall accrue only against the leasehold estate of Lessee and shall be subject and subordinate to the paramount title and rights of Lessor in and to the Leased Premises. Lessee shall not permit the Leased Premises to become subject to any construction lien on account of labor or material furnished to Lessee or claimed to have been furnished to Lessee in connection with work of any character performed or claimed to have been performed on the Leased Premises by or at the direction or sufferance of Lessee.

19. **TAXES:** Lessee shall be responsible for paying any and all real estate taxes and special assessments that are assessed against the Leased Premises or that may become assessed during the term of this Lease. Lessee shall further be responsible for paying any and all taxes levied against any leasehold interest of the Lessee or personal property and trade fixtures owned or placed by the Lessee in the Leased Premises. Lessee shall pay all of said taxes timely and by their appropriate due dates.

20. **INSURANCE:** Lessee shall obtain the amount of insurance it deems necessary for its personal property located in and on the Leased Premises. Additionally, Lessee agrees to provide and keep in force insurance policies at a minimum of:

- a. Limit for Each Occurrence: \$1,000,000.00
- b. Limit for Damage to Rented Premises (each occurrence): \$100,000.00
- c. Limit for Personal & Adv Injury: \$1,000,000.00
- d. General Aggregate Limit: \$2,000,000.00
- e. Products – Comp/Op Aggregate Limit: \$2,000,000.00
- f. Worker Compensation Insurance: Statutory Limits

Lessor must be listed as an additional insured on a primary, non-contributory basis on Lessee's insurance policies. A certificate of liability insurance (or a complete copy of the policy) shall be provided by Lessee to Lessor evidencing the coverage minimums. The policy must include a waiver of subrogation in favor of the Lessor. Lessee shall provide to Lessor annual certificates from its insurers confirming the existence of the insurance coverages required herein, and will immediately notify Lessor of any cancellation or lapse of coverage.

21. **DESTRUCTION OF PREMISES:** Should said Leased Premises be made unfit for occupancy, through no fault or the negligence of Lessee, due to fire, unavoidable casualty, or Act of God, then said tenancy shall immediately terminate and Lessee shall pay rent only to the time of such termination. If said damage is not of a permanent nature, Lessor shall be responsible for repairing the same in a timely manner at Lessor's own expense and the rental payments shall be suspended until said Leased Premises have been put in proper condition for occupancy.

22. **REPAIR AND MAINTENANCE:** During the lease term, Lessee shall keep the Lease Premises clean, tidy, and in a sanitary condition. Lessee agrees not to permit any deterioration or destruction to occur while occupying the Lease Premises, and should this occur to be solely responsible for the costs of repairs. Lessee is responsible for maintaining all health code standards and licensing. Lessor's obligations include, but are not limited to, the regular

maintenance and repair of the plumbing, heating, electrical, air-conditioning and ventilating equipment and fixtures (it installed) to the end that all such facilities are kept in good operative condition except in case of damage or need of repair arising from a willful or negligent act of the Lessee's agent, invitee, or employee. Lessee's obligations include, but are not limited to, the maintenance and repair of all equipment and fixtures within the Leased Premises.

23. **WASTE, NUISANCE OR UNLAWFUL USE.** Lessee agrees that it will not commit waste upon the premises, or maintain or promote the premises to be retained as a nuisance thereon, or used to permit the premises to be used in an unlawful manner.

24. **SERVICES AND UTILITIES:** Electricity, gas, water, sewer, telephone service, and all other utilities are the responsibility of the Lessee, and will be separately metered from the remainder of the Columbus Community Building. Lessee shall be responsible for its' own security, technology, internet, cable, etc.

25. **RETURN OF PREMISES:** At the conclusion of this Lease or any extension thereof, Lessee shall return the property to the Lessor in the same condition as it was received at commencement of this Lease, normal wear and tear excepted. If at the conclusion of this Lease or any extension thereof, the Lessor is of the opinion that Lessee is not leaving the Leased Premises in the same condition as it was received, normal wear and tear excepted, then such costs of restoration will be determined by a panel of three (3) persons consisting of: Lessee, Lessor (its City Administrator or other designated representative), and one (1) person selected by mutual consent of both parties.

26. **COMPLIANCE WITH LAW:** Lessor shall, at its expense, comply with all applicable, statutes, charters, laws, ordinances, building and maintenance codes, rules, regulations, requirements and orders duly constituted public authorities now or hereafter in any manner affecting the Leased Premises, or the use thereof, or the sidewalks, alleys, streets and ways adjacent thereto, whether or not any such statutes, charters, laws, ordinances, rules, regulations, requirements, or orders which may hereinafter enacted involved a change of policy on the part of the governmental body enacting the same. Lessee shall comply with all building and use or occupancy restrictions, conditions and covenants or record. Lessee shall comply with the requirements of all policies of public liability, fire and other insurance at any time in force with respect to the Leased Premises. This space shall meet all current code requirements, including but not limited to, fire/life safety codes and the Americans with Disabilities Act Accessibility Guidelines.

27. **NOTICES:** All notices herein provided to be given, or which may be given, by either party to the other, shall be deemed to have been fully given when made in writing and deposited in the United States Mail, postage paid, and addressed a follows:

To the Lessee at:

The Broken Mug, LLC  
Attn: Amanda and Todd Tuls  
2200 28<sup>th</sup> Ave  
Columbus, NE 68601

To the Lessor at:

City of Columbus

Attn: City Administrator  
2500 14<sup>th</sup> Street, Suite 3  
Columbus, NE 68601

28. **DEFAULT:** In the event Lessee fails to pay any rental due herein, Lessee fails to keep or perform any of the other terms or conditions listed in this Lease, becomes insolvent, or becomes involved in bankruptcy proceedings, then ten (10) days after written notice of default from Lessor, the Lessor may, if such default has not been corrected, resort to any and all legal remedies or combinations of remedies which Lessor may desire to assert, including but not limited to, one or more of the following:

- (1) Declare the Lease at an end and terminated;
- (2) Sue for the rent due and to become due under the lease or for any damages sustained by Lessor;
- (3) Continue the Lease in effect and relet the Leased Premises on such terms and conditions as Lessor may deem advisable with Lessee remaining liable for the monthly rent plus the reasonable costs of obtaining possession of the Leased Premises and of any repairs and alterations necessary to prepare the Leased Premises for reletting, less the rentals received from such reletting, if any; and
- (4) Take any other action which may be allowed under law or equity.

If Lessee, after being provided the requisite written default notice from the Lessor indicating the Lessee has failed to comply with any requirements of this Lease, shall fail, refuse, or neglect to comply said notice, then the Lessor may perform such maintenance or make such repairs at its own costs; and, in addition to any other remedy the Lessor may have, may charge the amount for said costs back to the Lessee to be due at within ten (10) business days.

No action by Lessor shall be construed as an election to terminate the Lease unless written notice of such intention is given to Lessee.

29. **TERMINATION:** This Lease may be terminated:

- a. Without cause, if Lessor gives Lessee written notice at least 180 days prior to completion of the initial term of this lease or extensions thereof.
- b. With cause as it relates to default of Lessee, as described in Paragraph 28 of this Lease.

30. **INDEMNIFICATION:** Lessee shall indemnify, have the duty to defend, and hold harmless the Lessor, its employees, agents, officers, and volunteers, from any and all claims, demands, causes of actions, actions, suits, proceedings, damages, expenses, costs of liabilities of every kind and nature, including any claim of subrogation, whatsoever arising out of or in any way connected with Lessee or Lessee's employees, agents, officers, and volunteers, compliance with this Lease or operation of its Coffeehouse or arising out of or in any way connected to the direct acts or negligence of Lessee or Lessee's employees, agents, officers, and volunteers in regards to this Lease or operation of its Coffeehouse.

31. **WAIVER.** Waiver by Lessor of any provision of this Lease shall not be deemed a waiver of future compliance therewith and such provisions shall remain in full force and effect.

32. **MODIFICATION:** No amendment, waiver, change, modification or termination of any of the terms, provisions or conditions of this Lease shall be effective unless made in writing and signed by both parties

33. **TIME OF THE ESSENCE:** The parties agree that time is of the essence in all of the provisions of this Lease.

34. **LAW APPLICABILITY:** This Lease shall be construed and enforced in accordance with the laws of Nebraska.

35. **AUTHORIZATION:** Lessee's execution, delivery, and performance of this Lease have been duly authorized by all necessary action(s) by the Lessee and does not conflict with, result in a violation of, or constitute a default under any provision of any agreement or other instrument binding upon the Lessee, or with any law, regulation, or court order that is applicable to the Lessee in any way.

36. **SEVERABILITY.** Invalidation of any one or more of the provisions of this Lease, by judgment or court order, shall in no way affect any other provisions of the Lease which other provisions shall remain in full force and effect.

37. **CAPTION HEADING.** Caption Headings in this Lease are for convenience only and are not to be used to interpret or define the provisions of the Lease.

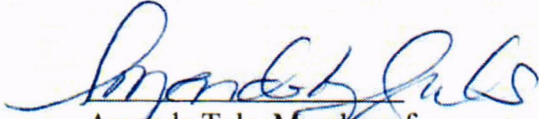
38. **SINGULARS / PLURALS / CONTEXT.** Whenever required by the context, the singular shall include the plural, the plural the singular, and one gender shall include all genders. When not inconsistent with the context, words used in the present tense include the future. The words "shall" and "will" are mandatory, and the word "may" is permissive.


39. **FULL INTEGRATION.** This document is a fully integrated agreement superseding any prior agreement between the parties, and embodies a full and complete understanding of the parties.

(((remainder of page left intentionally blank)))

IN WITNESS WHEREOF, the parties have signed this Lease below to be effective as written above:

Executed and Adopted this 16<sup>th</sup> day of March, 2022, by  
The Broken Mug, LLC:

  
Amanda Tuls, Member of  
The Broken Mug, LLC

  
Todd Tuls, Member of  
The Broken Mug, LLC

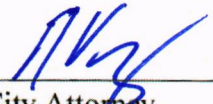
Constituting all Members of the Broken Mug, LLC.

Executed and Adopted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by the  
City of Columbus, Nebraska:

\_\_\_\_\_  
James B. Bulkley,  
Mayor

APPROVED AS TO FORM:

ATTEST

  
\_\_\_\_\_  
City Attorney

\_\_\_\_\_  
City Clerk

**15. ORDINANCES ON FIRST READING - None**

**16. ORDINANCES ON SECOND READING**

16.A. Ordinance No. 22-07 amending Section 90.040 (E) of Chapter 90 of Title IX of Columbus City Code to allow residential properties to have no more than three dogs or four cats or a total of six pets over four months of age.

**ORDINANCE NO. 22-07**

AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, AMENDING SECTION 90.040 OF CHAPTER 90 OF TITLE IX OF ORDINANCE NO. 05-47 (COLUMBUS CITY CODE) WITH REGARD TO NUMBER OF ANIMALS/PETS; REPEALING ALL ORDINANCES OR PORTIONS THEREOF IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE; AND PROVIDING FOR THE PUBLICATION OF THIS ORDINANCE IN PAMPHLET FORM.

WHEREAS, the City's Public Finance, Judiciary, and Personnel Committee met on February 15, 2022, to discuss the Platte Valley Humane Society's request to amend Section 90.040 of the City Code concerning the number of animals/pets that may be in a residential residence; and

WHEREAS, City's Public Finance, Judiciary, and Personnel Committee has recommended to the City Council that Section 90.040 be amended to continue to allow only six animals/pets, but to change the maximum number of cats allowed from three to four.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA:

**Section 1.** That Section 90.040 of Chapter 90 of Title IX of the Columbus City Code shall be and is hereby amended to read as follows:

§ 90.040 NUMBER OF ANIMALS; LIMITS; AREA REQUIREMENTS.

(A) No property, unless properly zoned and with City Council approval, shall have more than four animals over four months of age, including, but not limited to animals of the following species:

- (1) Horses;
- (2) Mules;
- (3) Donkeys;
- (4) Cows;
- (5) Sheep; and
- (6) Goats.

(B) The area requirements set forth in this section must be met. No owner of any animal of one or more of the species set forth in division (A) shall fail to provide an enclosure that has, as a minimum, a width of 20 feet and an area which meets the following requirements:

- (1) For one animal: 1,000 square feet;
- (2) For two animals: 2,500 square feet;
- (3) For three animals: 5,000 square feet; or
- (4) For four animals: 8,000 square feet.

(C) No residential property shall have more than five rabbits or fowl at any one time.

(D) No residential property shall have more than 15 birds over six months of age at any one time.

(E) No residential property shall have more than six total pets (i.e. dogs and cats) over four months of age; however, said allowance on the number of pets is further limited to only allow and include up to a maximum of three dogs or a maximum of four cats.

**Section 2.** This ordinance shall repeal all ordinances or portions thereof in conflict herewith.

**Section 3.** This ordinance shall be in full force and effect from and after its passage, approval, and publication according to law. Publication shall be in pamphlet form as authorized by Neb. Rev. Stat. § 16-405 with distribution to be made by making copies available to the public upon request at the office of the city clerk.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

# RED-LINE VERSION

## ORDINANCE NO. 22-07

AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, TO AMENDING SECTION 90.040 OF CHAPTER 90 OF TITLE IX OF ORDINANCE NO. 05-47 (COLUMBUS CITY CODE) WITH REGARD TO NUMBER OF AMINALS/PETS; REPEALING ALL ORDINANCES OR PORTIONS THEREOF IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE; AND PROVIDING FOR THE PUBLICATION OF THIS ORDINANCE IN PAMPHLET FORM.

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- (5) Sheep; and
- (6) Goats.

(B) The area requirements set forth in this section must be met. No owner of any animal of one or more of the species set forth in division (A) shall fail to provide an enclosure that has, as a minimum, a width of 20 feet and an area which meets the following requirements:

- (1) For one animal: 1,000 square feet;

- (2) For two animals: 2,500 square feet;
- (3) For three animals: 5,000 square feet; or
- (4) For four animals: 8,000 square feet.

(C) No residential property shall have more than five rabbits or fowl at any one time.

(D) No residential property shall have more than 15 birds over six months of age at any one time.

(E) ~~No residential property shall have more than three dogs or cats or a total of six pets over four months of age.~~ No residential property shall have more than six total pets (i.e. dogs and cats) over four months of age; however, said allowance on the number of pets is further limited to only allow and include up to a maximum of 3 dogs or a maximum of 4 cats.

**Section 2.** This Ordinance shall repeal all Ordinances or portions thereof and conflict herewith.

**Section 3.** This Ordinance shall be in full force and effect from and after its passage, approval, and publication according to law. Publication shall be in pamphlet form as authorized by Neb. Rev. Stat. § 16-405 with distribution to be made by making copies available to the public upon request at the City office.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

**17. ORDINANCES ON THIRD READING - None**

**18. CONSIDERATION OF PAYROLL AND BILLS ON FILE - Included in Consent Agenda**

**19. UNFINISHED BUSINESS - None**

**20. ADJOURNMENT**