
SCHEDULE

FOR

2024 PCC PANEL REPLACEMENTS

LECLAIRE, IOWA

May 06, 2024	Set Public Hearing (For May 20) & Authorize taking of Bids by Resolution
May 07, 2024	Send Notice of Public Hearing to Paper Publish Public Hearing on Plans and Specifications (>4<21)
May 07, 2024	Post Notice to Bidders/Plans & Specs (City website, Construction Update Network)
May 20, 2024	Public Hearing on Plans and Specifications and Approval of Plans, Specifications, and Engineer's Cost Estimate (City)
May 29, 2024	Receive Bids for Project (>13<45) (V&K) (2:00PM)
June 03, 2024	Council to Award Contract (City)
June 10, 2024	Notice to Proceed (V&K)
August 31, 2024	Final Completion Date

NOTICE OF PUBLIC HEARING

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND SPECIFICATIONS, PROPOSED FORM OF CONTRACT AND ESTIMATE OF COST FOR THE CONSTRUCTION OF 2024 P.C.C. PANEL REPLACEMENTS FOR THE CITY OF LECLAIRE, IOWA

The Council of the City of LeClaire will meet at the City Hall in said Municipality, on the 20th day of May, 2024 at 6:00 P.M., at which time and place, a hearing will be held on the proposed plans and specifications, form of contract and estimate of cost for the construction of the 2024 P.C.C. Panel Replacements project in and for said Municipality. At said hearing, the Council will consider said plans and specifications, proposed form of contract and the estimate of cost for the project, the same now being on file in the office of the Clerk, reference to which is made for a more detailed and complete description of the proposed work, and at said time and place the said Council will also receive and consider any objections to said plans, specifications and form of contract or cost of such project made by any interested party.

The nature and extent of the improvements are as follows:

2024 P.C.C. PANEL REPLACEMENTS

The work to be done includes approximately 347.3 square yards of PCC panel removal, 347.3 square yards of 8" PCC patching with integral curb and gutter, 8" subbase, and seeding/fertilizing are required, including miscellaneous associated work, including cleanup.

This notice is given by order of the Council of the City of LeClaire, Iowa.

CITY OF LECLAIRE, IOWA
Dennis Bockenstedt, City Administrator

Attest: Tracy Northcutt, City Clerk

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received by the City at City Hall, 325 Wisconsin Street, LeClaire, Iowa until 2:00 pm., local time, on Wednesday May 29, 2024, at which time and place they will be opened and publicly read or at such later time and place as may then be fixed.

Bids will be considered by the City at a public meeting to be held at City Hall at 6:00 p.m., local time, on Monday, June 3, 2024, or at such later time and place as may then be fixed. The proposed construction shall generally consist of the following work:

1. 2024 P.C.C. Panel Replacements, including:

The work to be done includes approximately 347.3 square yards of PCC panel removal, 347.3 square yards of 8" PCC patching with integral curb and gutter, 8" subbase, and seeding/fertilizing are required, including miscellaneous associated work, including cleanup.

Bidding documents may be examined at Veenstra & Kimm, Inc. 1800 5th Avenue, Rock Island, Illinois and at City Hall, 325 Wisconsin Street, LeClaire, Iowa.

Copies of said plans and specifications are now on file in the office of the City Clerk, for examination by bidders. Electronic copies may be obtained from the Coralville office of VEENSTRA & KIMM, INC. after an Electronic Media Agreement is submitted. Please email Michelle Chinchilla at mchinchilla@v-k.net to request the agreement form.

Each Bidder shall accompany the Bid with a Bid security, in a separate envelope, as security that the successful bidder will enter into a contract for the work bid upon. The bidder's security shall be in an amount equivalent to five percent (5%) and shall be in the form of a cashier's or certified check drawn on a bank in Iowa or a bank chartered under the laws of the United States of America, or a certified bank share draft drawn on a credit union in Iowa or chartered under the laws of the United States of America or a bid bond with corporate surety satisfactory to the City. The successful bidder will furnish after the award of the contract a corporate surety bond or bonds, acceptable to the City, for the faithful performance of the contract, in an amount equivalent to one hundred percent (100%) of the amount of the contract.

Pursuant to Iowa Code Sections: 422.42 (15) & (16), and 422.47 (5), tax exempt certificates and authorization letters will be issued to the successful bidder and subcontractors thereby exempting the successful bidder and subcontractors from having to pay sales tax on this project. Sales tax shall not be added to any bid submitted.

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa labor to the extent lawfully required under Iowa law.

Iowa law provides that on public improvements a resident bidder shall be allowed preference against a nonresident bidder from a state or foreign country which gives or requires a preference to bidders from that state or foreign country. The preference so allowed shall be equivalent to the preference given or required by the state or foreign country in which the nonresident bidder is a resident.

It is the intent of the City to award the contract to the lowest responsible, responsive bidder provided the bid has been submitted in accordance with the bidding requirements. The City reserves the right to waive informalities or irregularities. The City reserves the right to accept or reject any or all bids. The City reserves the right to choose the lowest Base Bid and reject the Alternate Bid or reserves the right to choose the lowest Base Bid plus Alternate Bid combined.

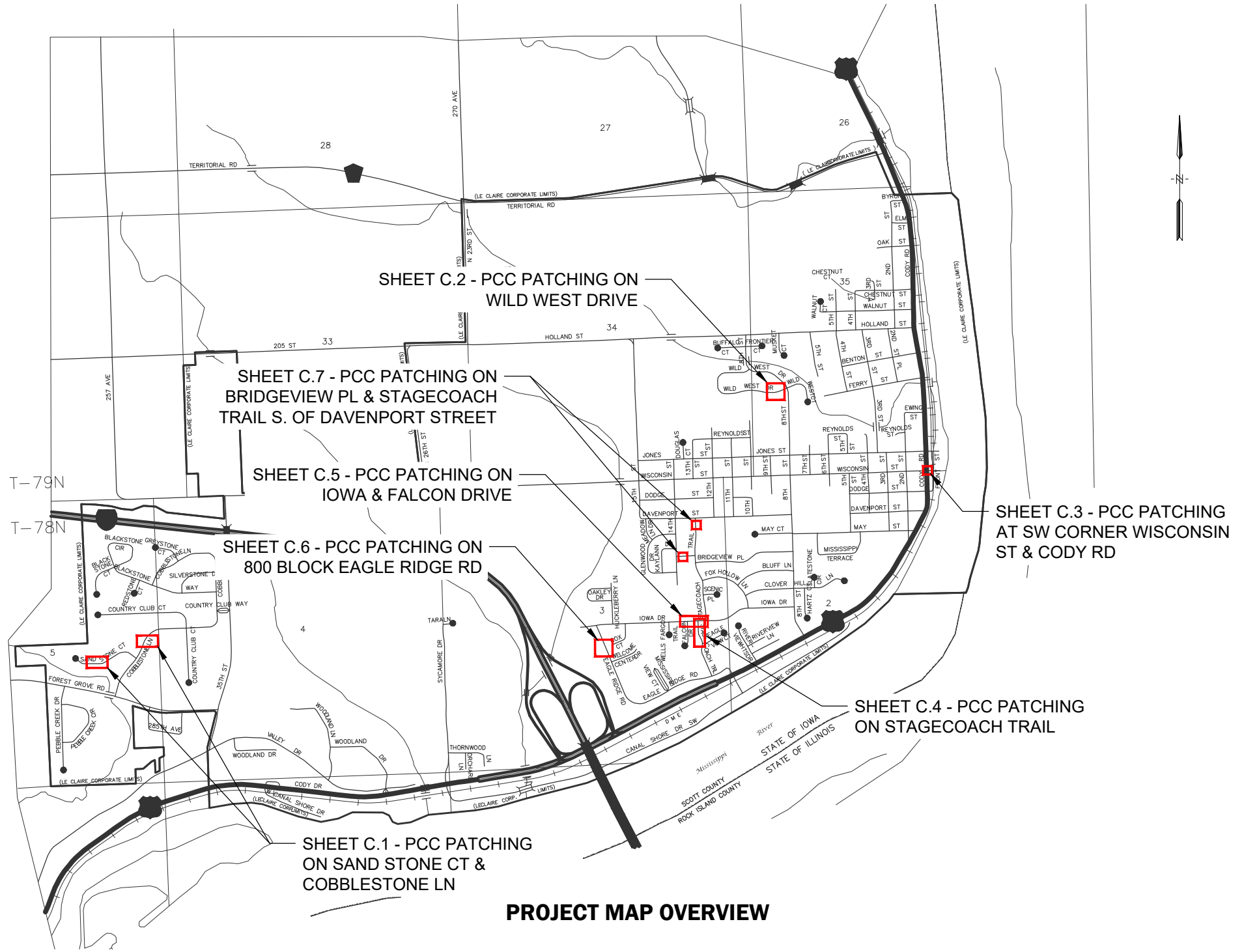
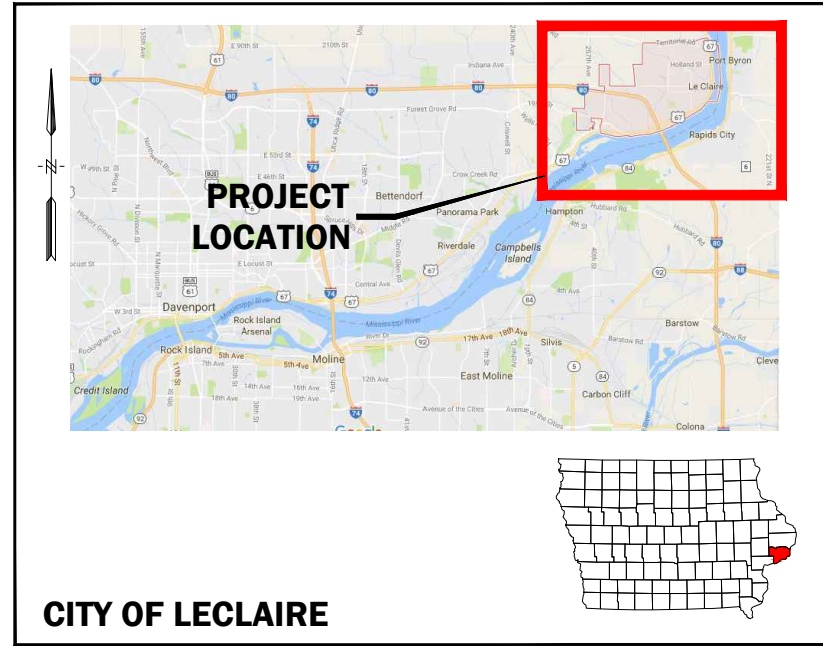
No Bid shall be withdrawn for a period of 60 days after the scheduled opening of the bids without the consent of Owner.

Published upon order of the City Council of LeClaire, Iowa.

Dennis Bockenstedt
City Administrator

PLANS FOR 2024 P.C.C. PANEL REPLACEMENTS LECLAIRE, IOWA

PLOTTED: Monday, April 29, 2024 9:08:01 AM



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C.7	PATCHING PLAN - BRIDGEVIEW PL & STAGECOACH TRAIL

UTILITY OWNERS

MIDAMERICAN ENERGY COMPANY
MATT KOVACIC (GAS) - 309-793-3704
KARL DERRICK (ELECTRIC) - 309-793-3696

MEDIACOM
JOHN SMITH - 309-743-4735

WINDSTREAM COMMUNICATIONS (TELEPHONE)

IOWA-AMERICAN WATER COMPANY
JULIE DUBOIS - 563-343-6092

CITY OF LECLAIRE
SANITARY/STORM SEWER & FIBER OPTIC - 563-289-4242



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: *Eric W. Lee*

NAME: ERIC W. LEE

DATE: 4-02-2024

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2024

PAGES COVERED BY THIS SEAL: ALL

X-REFS: ie-claire-ci
FILE PATH: C:\CIVIL 3D PROJECTS\LECLAIRE 2024 PANEL REPLACEMENT\CADD\PRODDRAWINGS\61152 TITLE & INDEX

DATE	REVISIONS	SCALE	AS NOTED
		DRAWN	EWL
		CHECKED	LFF
		APPROVED	EWL
		DATE	03-22-2024
		ISSUED FOR	CONSTRUCTION



2024 PCC PANEL REPLACEMENTS
CITY OF LECLAIRE, IOWA

1800 5th Avenue • Rock Island, Illinois 61201
309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)

TITLE & INDEX

DWG. NO.
A.1
PROJECT 561152

PLOTTED: Tuesday, April 2, 2024 11:00:39 AM

X-REFS: FILE PATH: C:\CIVIL 3D PROJECTS\LECLAIRE 2024\24 PANEL REPLACEMENT\CADD\PRODDRAWINGS\561152 SECTIONS & DETAILS

GENERAL NOTES:

- ALL IMPROVEMENTS SHOWN ON THESE ENGINEERING PLANS SHALL COMPLY WITH IOWA STATEWIDE URBAN DESIGN STANDARDS (SUDAS), LATEST EDITION, THE IOWA DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE STANDARDS OF THE CITY OF LECLAIRE.
- CONFIRM LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AS REQUIRED TO ELIMINATE CONFLICTS PRIOR TO CONSTRUCTION. ALLOW UTILITY PERSONNEL TO RELOCATE UTILITIES WHERE CONFLICTS OCCUR.
- DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
- REMOVE AND REPLACE ALL STREET SIGNS AS DIRECTED BY ENGINEER. COST IS INCIDENTAL TO CONSTRUCTION.
- SHAPE ALL DITCHES TO DRAIN AFTER CONSTRUCTION.
- ENGINEER WILL BE NOTIFIED 48 HOURS IN ADVANCE OF WORK COMMENCING.
- CITY WILL WORK WITH CONTRACTOR TO NOTIFY OWNER OF PARKED VEHICLES AND THE REMOVAL OF SAME. TOWING WILL NOT BE NECESSARY.
- PROTECT UTILITY POLES, LINES AND APPURTENANCES NOT SHOWN FOR RELOCATION.
- RESET ALL PROPERTY PINS DISTURBED BY CONSTRUCTION; PINS RESET BY REGISTERED LAND SURVEYOR; COST IS INCIDENTAL TO CONSTRUCTION.
- PROTECT ALL SURFACING, NOT INDICATED BY SHADING FOR REMOVAL AND REPLACEMENT FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE PROPER CAUTION TO PROTECT PAVEMENT AND SEEDED AREAS NOT DESIGNATED FOR REMOVAL OR DISTURBANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE OUTSIDE REMOVAL LIMITS AT OWN EXPENSE.
- CONTRACTOR SHALL CONFINE ALL MATERIALS AND WORK WITHIN CITY RIGHT-OF-WAY AND/OR EASEMENTS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO INDIVIDUAL PROPERTIES DURING CONSTRUCTION. IF DRIVEWAY ACCESS IS FULLY BLOCKED TEMPORARILY DUE TO PAVEMENT PATCHING, THE CONTRACTOR MUST NOTIFY RESIDENTS MINIMUM 1 WEEK IN ADVANCE. IT IS EXPECTED THE CONTRACTOR MINIMIZE THE AMOUNT OF TIME DRIVEWAY ACCESS IS FULLY BLOCKED.
- LOCATIONS OF PAVEMENT PATCHING ON PLAN DRAWINGS ARE APPROXIMATE. A REPRESENTATIVE OF THE CITY OF LECLAIRE WILL LOCATE REPLACEMENT PANEL PATCHES FOR THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH CITY PRIOR TO DISTURBING PANELS TO ENSURE THAT THE CORRECT PATCHING PANELS ARE REPLACED.
- ANY DAMAGE TO EXISTING ABOVE OR BELOW GROUND UTILITIES AND/OR PAVED STREETS CAUSED BY CONTRACTOR EQUIPMENT OR DISTURBANCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL AND PEDESTRIAN SAFETY IN ACCORDANCE TO LATEST EDITIONS OF MUTCD, IOWA DOT, AND IOWA SUDAS.

EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL ADHERE TO THE IOWA CONSTRUCTION SITE EROSION CONTROL MANUAL.
- THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION CONTROL ITEMS NECESSARY TO PREVENT SOILS FROM ERODING ONTO OPEN ROADWAYS AND INTO CITY STORM SEWER.
- THE CONTRACTOR WILL PROTECT STORMWATER INLETS WITH NECESSARY MEASURES TO PREVENTS DIRT, SOIL, DEBRIS AND EROSION FROM ENTERING THE SYSTEM. FILTER SOCKS AND/OR MANUFACTURED DEVICES INSERTED INTO INTAKES CAPABLE OF TRAPPING/FILTERING SEDIMENT FROM RUNOFF ARE TO BE USED TO PROTECT INLETS.
- ALL DISTURBED AREAS SHOULD BE SEEDED WITH ADJACENT SEED MIXTURE OR IN-KIND.
- THE TOP SIX (6) INCHES OF THE DISTURBED AREAS SHALL BE FREE OF ROCK AND DEBRIS AND SHALL BE SUITABLE FOR THE ESTABLISHMENT OF VEGETATION, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- LIMIT DISTURBANCE IN AREAS BEHIND BACK OF CURB AS MUCH AS PRACTICAL. THE CONTRACTOR WILL BE EXPECTED TO LIMIT SEEDING/FERTILIZING MORE THAN WHAT IS SHOWN ON PLAN DRAWINGS IF ABLE TO. ANY AREAS DISTURBED BEYOND 3' BEHIND BACK OF CURB WILL AT THE CONTRACTOR'S EXPENSE.

PATCHING NOTES:


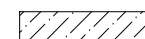
- LOCATIONS OF PAVEMENT PATCHING AND SUBDRAINS (WHERE APPLICABLE) SHOWN ON PLAN DRAWINGS ARE APPROXIMATE. A CITY'S REPRESENTATIVE SHALL LOCATE AND APPROVE FULL DEPTH PCC PANEL REPLACEMENT LIMITS AND LOCATIONS AT THE START OF CONSTRUCTION.
- SUBGRADE CONDITIONS AT FULL DEPTH PATCH LOCATIONS SHALL BE APPROVED BY CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION OF SUBBASE.
- SUBBASE CONDITIONS AND COMPACTION REQUIREMENTS MUST BE MET AND APPROVED BY CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION OF PCC PAVEMENT.
- ALL JOINTING AND PAVING STANDARDS SHALL CONFORM TO IOWA SUDAS AND IOWA DOT SPECIFICATIONS, LATEST EDITION. SEE TYPICAL SECTIONS AND DETAIL SHEETS. ALL JOINTING AND REBAR IS INCLUDED IN THE PRICE OF PCC PAY ITEMS.
- TRANSVERSE JOINTS SHALL HAVE A MAX 15 FT. SPACING AND WILL REQUIRE REINFORCING DOWELS (CD JOINTS) PER DETAIL PV-101. ALL DOWELS AND REINFORCING IS INCIDENTAL TO FULL DEPTH PAVEMENT PCC PATCHING BID ITEMS.
- DRAINABLE SUBBASE SHALL MEET THE REQUIREMENTS OF IDOT GRADATION NO. 12.
- DENSE GRADED SUBBASE SHALL MEET THE REQUIREMENTS OF IDOT GRADATION NO. 11.
- SUBBASE SHALL EXTEND A MINIMUM OF 1.0' BEHIND BACK OF PAYMENT. THE CONTRACTOR WILL GET PAID UP TO 1.0' BEHIND BACK OF CURB, ANYTHING BEYOND THAT POINT WILL BE AT THE CONTRACTOR'S EXPENSE.
- MATCH INTO EXISTING PAVEMENT, PROVIDE SMOOTH TRANSITION. PROVIDE JOINTING AND REINFORCEMENT AS SHOWN ON TYPICAL SECTIONS AND DETAIL SHEETS. TIE INTO EXISTING ADJACENT PAVEMENT WITH REBAR WHEN POSSIBLE.
- THE CONTRACTOR SHALL CONSTRUCT AND FORM PCC PATCHING TO DRAIN.
- CONSTRUCT MANHOLE BOXOUTS AND INTAKE BOXOUTS PER IOWA SUDAS AND IDOT STANDARDS. ALL BOXOUTS INCIDENTAL TO PCC PAY ITEMS. SET MANHOLE COVERS FLUSH WITH PROPOSED GRADES UNLESS OTHERWISE NOTED.
- PAVEMENT MARKINGS: CONTRACTOR RESPONSIBLE FOR IDENTIFYING AND PLACING ALL PAVEMENT MARKINGS BACK TO THE ORIGINAL MARKINGS LAYOUT.

ESTIMATE OF PROJECT QUANTITY

CITY OF LECLAIRE, IOWA

Item No.	Description	Unit	Estimated Quantity	As-Built Quantity
1	Mobilization	LS	1.0	
2	Construction Layout	LS	1.0	
3	Traffic Control and Protection	LS	1.0	
4	Erosion Control	LS	1.0	
5	Seeding, Fertilizing and Mulching for Hydraulic Seeding	SY	44.0	
6	Pavement Removal	SY	347.3	
7	PCC Pavement Patching, 8" Thick (Integral Curb)	SY	347.3	
8	8" Dense Graded Subbase, IDOT Grad. No. 11	SY	369.8	
9	Subgrade Stabilization Material	CY	44.0	

SURFACE RESTORATION HATCHING LEGEND:

-  REMOVE AND REPLACE PCC PATCH, THICKNESS AS SPECIFIED (INCLUDES INTEGRAL CURB AND GUTTER)
-  SEEDING, FERTILIZING, MULCH (INCLUDES 4" TOPSOIL)

MATERIAL TESTING NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PERTINENT MATERIAL TESTING ON THE PROJECT INCLUDING, BUT NOT LIMITED TO, CONCRETE TESTING AND COMPACTION TESTING. ALL CONCRETE TESTING IS INCIDENTAL TO RESPECTIVE PCC PAY ITEMS. ALL COMPACTION TESTING IS INCIDENTAL TO RESPECTIVE GRANULAR SUBBASE/SUBGRADE PAY ITEMS.
- ALL CONCRETE TESTING SHALL ADHERE TO THE LATEST IOWA SUDAS (SECTION 7010) AND IOWA DOT STANDARD SPECIFICATIONS (SECTION 2301) AND MATERIAL I.M.'S.
 - SLUMP TESTING: MIN SLUMP: 0.5" - MAX SLUMP 4"
 - FREQUENCY - 1/200 CY OR MIN. 1/DAY
 - AIR TESTING: TARGET AIR CONTENT IS 7% +/- 1.5%
 - FREQUENCY - 1/200 CY OR MIN. 1/DAY
 - 1 SET OF 4 CYLINDERS (4" OR 6") SHALL BE TAKEN WITH EACH SLUMP/AIR TEST PERFORMED SO THAT COMPRESSIVE STRENGTHS CAN BE MEASURED. CONCRETE MIX DESIGN SHALL HAVE COMPRESSIVE STRENGTH MEET OR EXCEED 3,500 PSI AT 14 DAYS AND 4,000 PSI AT 28 DAYS.
 - CITY INSPECTOR/REPRESENTATIVE WILL VERIFY CONCRETE THICKNESS REQUIREMENTS ARE MET IN FIELD.
 - CONTRACTOR SHALL PROVIDE ALL CONCRETE TICKETS AND PLANT REPORTS.
- ALL COMPACTION TESTING SHALL ADHERE TO THE LATEST IOWA SUDAS (SECTION 2010) AND IOWA DOT STANDARD SPECIFICATIONS (SECTION 2111) AND MATERIAL I.M.'S.

DATE	REVISIONS	SCALE	AS NOTED
		DRAWN	EWL
		CHECKED	LFF
		APPROVED	EWL
		DATE	03-22-2024
		ISSUED FOR	CONSTRUCTION



2024 PCC PANEL REPLACEMENTS
CITY OF LECLAIRE, IOWA

1800 5th Avenue • Rock Island, Illinois 61201
309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)

QUANTITY, NOTES & LEGEND

DWG. NO.
A.2
PROJECT 561152


2024 PCC PATCHING SCHEDULE OF QUANTITY

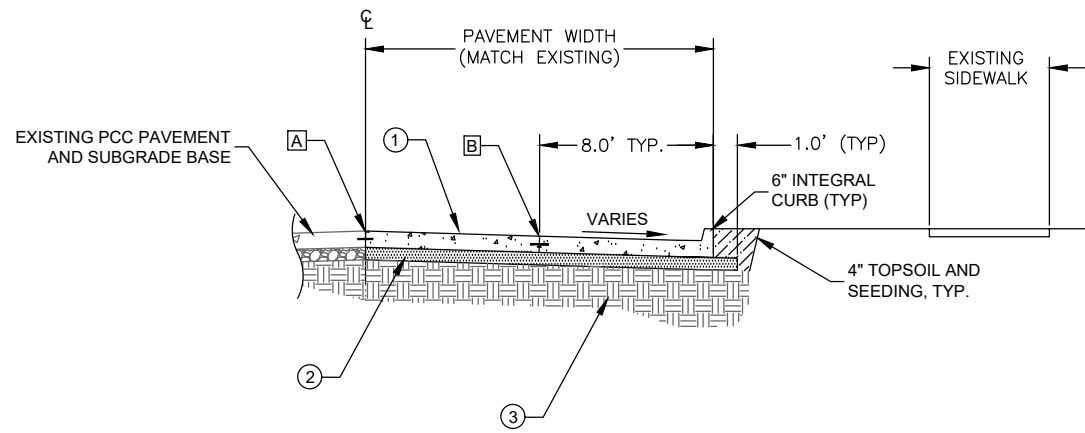
CITY OF LECLAIRE, IOWA

STREET LOCATION	PLAN SHEET NO.	PATCH DIMENSIONS			8" PCC (SY)	8" DENSE GRADED SUBBASE, IDOT GRAD. NO 11 (SY)	SEEDING/ FERTILIZING (SY)
		WIDTH (FT)	LENGTH (FT)	AREA (SY)			
701 Stagecoach Trail	C.4	8.17	21.50	19.5	19.5	21.9	4.8
1303 Bridgeview Place	C.7	6.50	7.58	5.5	5.5	5.5	-
800 Block Eagle Ridge Rd (Intake)	C.6	15.42	16.33	28.0	28.0	29.9	3.6
Wisconsin St & Cody Rd S.E. Curblin	C.3	2.00	18.33	4.1	4.1	4.1	-
804 Wild West Drive	C.2	29.17	31.33	101.5	101.5	104.8	6.5
1210 Iowa Drive	C.5	8.17	39.17	35.5	35.5	39.9	8.7
1209 Iowa Drive	C.5	4.17	11.33	5.2	5.2	5.2	-
700 Falcon Drive	C.5	8.17	15.17	13.8	13.8	15.5	3.4
20 Sandstone Court	C.1	8.33	15.00	13.9	13.9	15.6	3.3
	C.1	15.92	29.50	52.2	52.2	54.0	3.6
	C.1	2.25	2.33	0.6	0.6	0.6	-
21 Sandstone Court	C.1	7.50	13.17	11.0	11.0	11.0	-
843 Stagecoach Trail	C.4	8.50	17.33	16.4	16.4	18.4	3.9
Stagecoach Trail @ Davenport Street	C.7	7.58	15.17	12.8	12.8	12.8	-
801 Stagecoach Trail	C.4	8.33	9.67	9.0	9.0	10.0	1.9
17 Cobblestone Lane	C.1	8.25	20.00	18.3	18.3	20.6	4.4
TOTALS				347.3	347.3	369.80	44.0

PLOTTED: Friday, March 22, 2024 12:30:53 PM

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DATE	REVISIONS	SCALE AS NOTED		2024 PCC PANEL REPLACEMENTS CITY OF LECLAIRE, IOWA 1800 5th Avenue • Rock Island, Illinois 61201 309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)	SCHEDULE OF QUANTITIES	DWG. NO.
		DRAWN EWL				A.3
		CHECKED LFF				
		APPROVED EWL				
		DATE 03-22-2024				
		ISSUED FOR CONSTRUCTION	PROJECT 561162			



PARTIAL WIDTH PATCHING TYPICAL SECTION

NOT TO SCALE

JOINT LEGEND


- A** CENTERLINE LONGITUDINAL JOINT
CONSTRUCTION JOINT. DRILLED TIE BARS (3/4" X 24") EPOXY COATED DEFORMED BARS AT 30" O.C.
- B** SAWED LONGITUDINAL JOINT
SAWED JOINT WITH DEFORMED TIE BARS (3/4" X 36") EPOXY COATED DEFORMED BARS AT 30" O.C.
- SAWED TRANSVERSE JOINT
SAWED JOINT DOWEL BARS (1 1/4" X 18") INCLUDING BASKETS AT 12" O.C.

PAVEMENT STRUCTURE LEGEND

- ① P.C.C. PAVEMENT C4-WR MIX, CLASS III DURABILITY, THICKNESS AS SPECIFIED ON PLAN DRAWINGS
- ② 8" BASE - IA DOT GRAD. NO 11 (REMOVE EXISTING SUBBASE OR SUBGRADE)
- ③ EXISTING SUBGRADE. IF SUBGRADE IS DEEMED UNSUITABLE, APPROVAL FOR OVEREXCAVATION AND SUBGRADE STABILIZATION WILL BE NEEDED PRIOR TO AUTHORIZING THE WORK.

JOINT NOTES

1. ALL JOINTS SHALL BE SAWED CLEAN TO A DEPTH OF D/3, WHERE D EQUALS PAVEMENT DEPTH
2. SPACING FOR TRANSVERSE JOINTS SHALL BE BASED ON THE LENGTH TO WIDTH RATIO. THE LENGTH TO WIDTH RATIO SHOULD NOT EXCEED 1.5. JOINT SPACING SHALL NOT EXCEED 11 FT.

DATE	REVISIONS	SCALE	AS NOTED	 <p>2024 PCC PANEL REPLACEMENTS CITY OF LECLAIRE, IOWA</p> <p>1800 5th Avenue • Rock Island, Illinois 61201 309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)</p>	<p>TYPICAL SECTIONS</p>	DWG. NO.
		DRAWN	EWL			<p>B.1</p>
		CHECKED	LFF			
		APPROVED	EWL			
		DATE	03-22-2024			
		ISSUED FOR	CONSTRUCTION	PROJECT	561152	

PLOTTED: Friday, March 22, 2024 12:31:04 PM

FIGURE 7010.101 SHEET 1 OF 8

TRANSVERSE CONTRACTION

'B' PLAIN JOINT (Abutting Pavement Slabs)

'C' CONTRACTION JOINT

'CD' DOWELED CONTRACTION JOINT

'CT' TIED CONTRACTION JOINT

'DW' DAY'S WORK JOINT (Non-working)

'HT' HEADER JOINT (End Rigid Pavement)

'RD' ABUTTING PAVEMENT JOINT

'RT' ABUTTING PAVEMENT JOINT RIGID TIE

- See dowel assemblies for fabrication details.
- See Bar Size Table for Contraction Joints on Sheet 2.
- Locate 'DW' joint at a mid-panel location between future 'C' or 'CD' joints. Place no closer than 5 feet to a 'C' or 'CD' joint.
- Place bars within the limits shown under dowel assemblies.
- Edge with 1/8 inch tool for length of joint. For HT joint, remove header block and board when second slab is placed.
- Unless specified otherwise, use 'CD' transverse contraction joints in mainline pavement when T is greater or equal to 8 inches. Use 'C' joints when T is less than 8 inches.
- 'RT' joint may be used in lieu of 'DW' joint at the end of the days work. Remove any pavement damaged due to the drilling at no additional cost to the Contracting Authority.

LEGEND

Existing Pavement
Proposed Pavement

FIGURE 7010.101 STANDARD ROAD PLAN PV-101 SHEET 1 of 8

REVISIONS: Modified circle note 32

JOINTS

FIGURE 7010.101 SHEET 2 OF 8

TRANSVERSE CONTRACTION

BAR PLACEMENT (Applies to all joints unless otherwise detailed.)

'C' JOINT IN CURB (Match 'CT', 'CD', or 'C' joint in pavement.)

SECTION A-A (Detail at Edge of Pavement)

DETAIL A (Saw cut formed by conventional concrete sawing equipment.)

DETAIL B (Saw cut formed by approved early concrete sawing equipment.)

DETAIL C

BAR SIZE TABLE FOR CONTRACTION JOINTS

T	Solid Dowel Diameter	Tubular Dowel Diameter	Tie Bar Size
< 8"	3/4"	7/8"	#6
≥ 8" but < 10"	1 1/4"	1 3/8"	#10
≥ 10"	1 1/2"	1 5/8"	#11

Tubular Dowel Bars will not be allowed for RD joints.

LEGEND

Existing Pavement
Proposed Pavement

FIGURE 7010.101 STANDARD ROAD PLAN PV-101 SHEET 2 of 8

REVISIONS: Modified circle note 32

JOINTS

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FIGURE 7010.101 SHEET 3 OF 8

LONGITUDINAL CONTRACTION

'B' PLAIN JOINT (Abutting Pavement Slabs)

'BT' ABUTTING PAVEMENT JOINT - RIGID TIE

T	Joint	Bars	Bar Length and Spacing
< 8"	'BT-1'	#4	36" Long at 30" Centers
≥ 8"	'BT-2'	#5	36" Long at 30" Centers

'BT' ABUTTING PAVEMENT JOINT - RIGID TIE (Drilled)

T	Joint	Bars	Bar Length and Spacing
< 8"	'BT-5'	#4	24" Long at 30" Centers
≥ 8"	'BT-3'	#5	24" Long at 30" Centers
≥ 8"	'BT-4'	#5	24" Long at 15" Centers

'K' KEYED JOINT FOR ADJACENT SLABS (Where T is 8" or more)

'KS-1' [Single Reinforced Pavement (Bridge Approach)]

'KS-2' [Double Reinforced Pavement (Bridge Approach)]

'KT' ABUTTING PAVEMENT JOINT - KEYWAY TIE

T	Joint	Bars	Bar Length and Spacing
< 8"	'KT-1'	#4	30" Long at 30" Centers
≥ 8"	'KT-2'	#5	30" Long at 30" Centers
≥ 8"	'KT-3'	#5	30" Long at 15" Centers

- Bar supports may be necessary for fixed form paving to ensure the bar remains in a horizontal position in the plastic concrete.
- Sawing or sealing of joint not required.
- The following joints are interchangeable, subject to the pouring sequence: 'BT-1', 'L-1', and 'KT-1'; 'KT-2' and 'L-2'; 'KT-3' and 'L-3'

'L' CONTRACTION JOINT

T	Joint	Bars	Bar Length and Spacing
< 8"	'L-1'	#4	36" Long at 30" Centers
≥ 8"	'L-2'	#5	36" Long at 30" Centers
≥ 8"	'L-3'	#5	36" Long at 15" Centers

LEGEND

Existing Pavement
Proposed Pavement

FIGURE 7010.101 STANDARD ROAD PLAN PV-101 SHEET 3 of 8

REVISIONS: Modified circle note 32

JOINTS

FIGURE 7010.101 SHEET 4 OF 8

LONGITUDINAL CONTRACTION

TIE BAR PLACEMENT (Applies to all joints unless otherwise detailed.)

DETAIL D-1 (Required when specified in the contract documents.)

DETAIL D-2 (Required when the Department of Transportation is not the Contracting Authority, or when specified in the contract documents)

DETAIL D-3 (Required when the Department of Transportation is the Contracting Authority, or when specified in the contract documents)

- When tying into old pavement, T represents the depth of sound PCC.
- Sealant or cleaning not required.

KEYWAY DIMENSIONS

Keyway Type	Pavement Thickness T	(A)	(B)
Standard	8" or greater	1 3/4"	2 3/4"
Narrow	Less than 8"	1"	2"

LEGEND

Existing Pavement
Proposed Pavement

FIGURE 7010.101 STANDARD ROAD PLAN PV-101 SHEET 4 of 8

REVISIONS: Modified circle note 32

JOINTS

DATE	REVISIONS	SCALE	AS NOTED
		DRAWN	EWL
		CHECKED	LFF
		APPROVED	EWL
		DATE	03-22-2024
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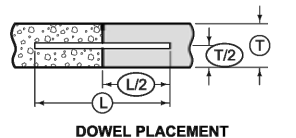
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DETAILS - JOINTING

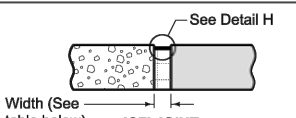
DWG. NO. **B.2**

PROJECT 561152

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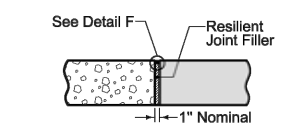


DOWEL PLACEMENT
(Applies to all joints unless otherwise detailed.)

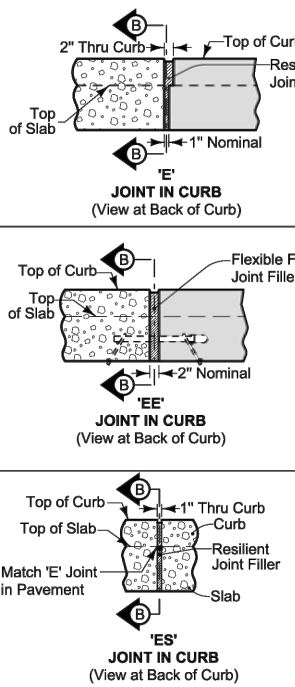


'CF' JOINT
Width (See table below)

TYPE	WIDTH
CF-1	2"
CF-2	2 1/2"
CF-3	3"
CF-4	3 1/2"



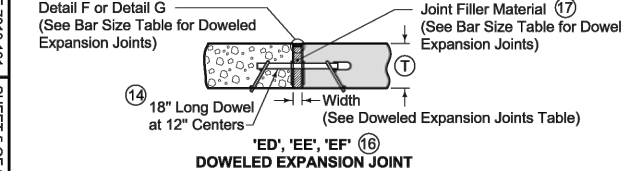
'E' 1" EXPANSION JOINT



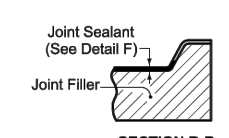
'E' JOINT IN CURB
(View at Back of Curb)

'EE' JOINT IN CURB
(View at Back of Curb)

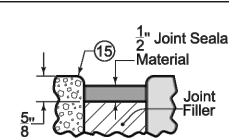
'ES' JOINT IN CURB
(View at Back of Curb)



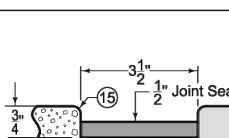
'ED', 'EE', 'EF' 16
DOWELED EXPANSION JOINT



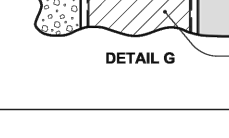
SECTION B-B
Joint Sealant (See Detail F)
Joint Filler



DETAIL F
1/2" Joint Sealant Material
Joint Filler



DETAIL G
1/4" plywood or pressed wood spacer required for 'EF' joint.
Flexible Foam Joint Filler (17)



DETAIL H
Tire Buffings (18)

EXPANSION

14 See Bar Size Table for Doweled Expansion Joints.

15 Edge with 1/4 inch tool for length of joint indicated if formed; edging not required when cut with diamond blade saw.

16 See Dowel Assemblies for fabrication details and placement limits. Coat the free end of dowel bar to prevent bond with pavement. At intake locations, dowel bars may be cast-in-place.

17 Predrill or preform holes in joint material for appropriate dowel size.

18 Compact tire buffings by spading with a square-nose shovel.

DOWELED EXPANSION JOINTS

TYPE	WIDTH	FILLER MATERIAL (17)
ED	1"	Resilient (Detail F)
EE	2"	Flexible Foam (Detail F)
EF	3 1/2"	Flexible Foam (Detail G)

BAR SIZE TABLE FOR DOWELED EXPANSION JOINTS

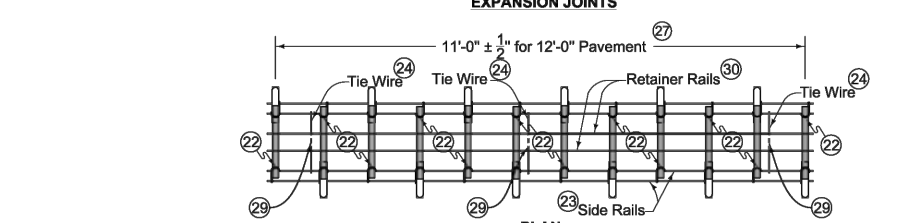
(T)	< 8"	≥ 8" but < 10"	≥ 10"
Dowel Diameter	3/4"	1 1/4"	1 1/2"

Tubular Dowel Bars will not be allowed for expansion joints.

LEGEND

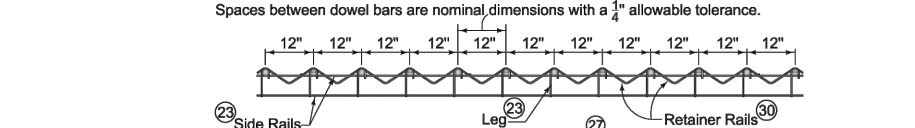
- Existing Pavement
- Proposed Pavement

JOINTS



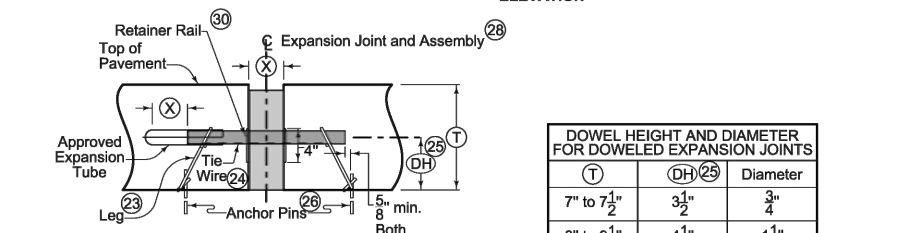
EXPANSION JOINTS

11'-0" ± 1/4" for 12'-0" Pavement

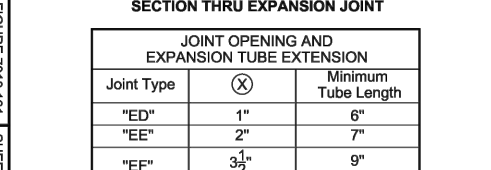


PLAN

Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.



ELEVATION



SECTION THRU EXPANSION JOINT

Joint Type	(X)	Minimum Tube Length
"ED"	1"	6"
"EE"	2"	7"
"EF"	3 1/2"	9"

DOWEL HEIGHT AND DIAMETER FOR DOWELED EXPANSION JOINTS

(T)	(DH) (25)	Diameter
7" to 7 1/2"	3 1/2"	3/4"
8" to 9 1/2"	4 1/4"	1 1/4"
10" to 11 1/2"	5 1/4"	1 1/2"
12" to 13"	6 1/4"	1 3/4"

Tubular Dowel Bars will not be allowed for expansion joints.

DOWEL ASSEMBLIES (19) (20) (21)

19 Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.

20 Use wires with a minimum tensile strength of 50 ksi.

21 Details apply to both transverse contraction and expansion joints.

22 Weld alternately throughout.

23 0.306 inch diameter wire. Wire sizes shown are the minimum required.

24 Maximum 0.177 inch diameter wire, welded or friction fit to upper side rail, both sides.

25 Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.

26 Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer.

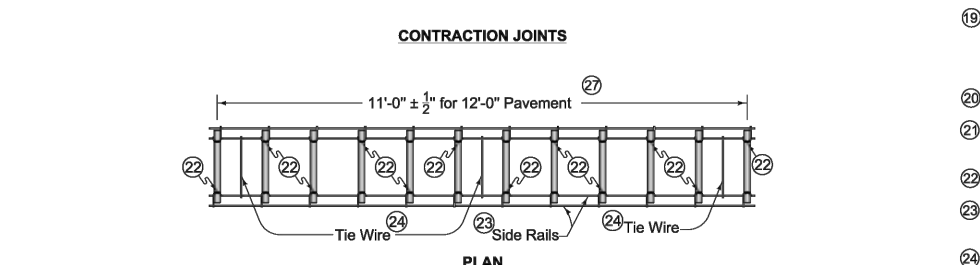
27 If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.

28 Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.

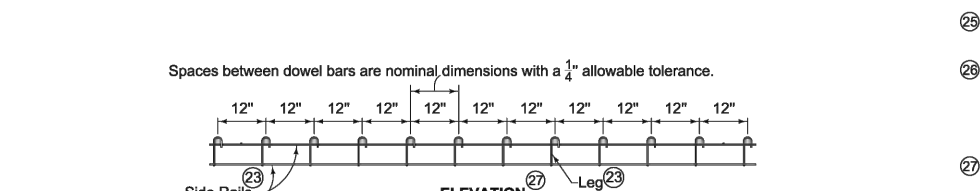
29 Clip and remove center portion of tie during field assembly.

30 1/4 inch diameter wire.

CONTRACTION JOINTS

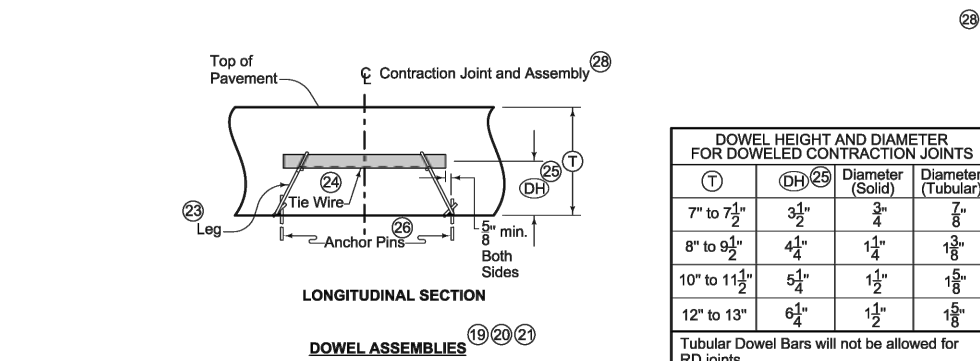


PLAN



ELEVATION

Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.



LONGITUDINAL SECTION

DOWEL ASSEMBLIES (19) (20) (21)

DOWEL HEIGHT AND DIAMETER FOR DOWELED CONTRACTION JOINTS

(T)	(DH) (25)	Diameter (Solid)	Diameter (Tubular)
7" to 7 1/2"	3 1/2"	3/4"	7/8"
8" to 9 1/2"	4 1/4"	1 1/4"	1 3/8"
10" to 11 1/2"	5 1/4"	1 1/2"	1 5/8"
12" to 13"	6 1/4"	1 3/4"	1 7/8"

Tubular Dowel Bars will not be allowed for RD joints.

19 Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.

20 Use wires with a minimum tensile strength of 50 ksi.

21 Details apply to both transverse contraction and expansion joints.

22 Weld alternately throughout.

23 0.306 inch diameter wire. Wire sizes shown are the minimum required.

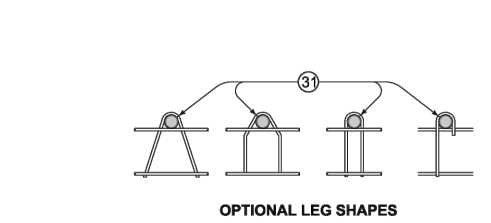
24 Maximum 0.177 inch diameter wire, welded or friction fit to upper side rail, both sides.

25 Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.

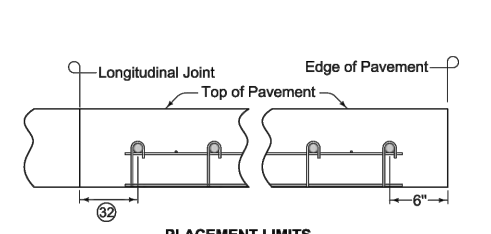
26 Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer.

27 If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.

28 Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.

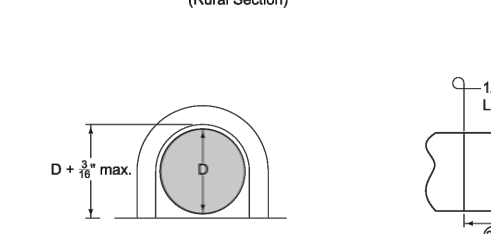


OPTIONAL LEG SHAPES




ANCHOR PIN

Anchor Pin #1/0 Gauge Wire (0.306" diameter)



PLACEMENT LIMITS (Rural Section)



PLACEMENT LIMITS (Curbed Pavement - 1/4 or 1/3 Point Jointing)

DOWEL ASSEMBLIES (19) (20) (21)

19 Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.

20 Use wires with a minimum tensile strength of 50 ksi.

21 Details apply to both transverse contraction and expansion joints.

31 Diameter of bend around dowel is dowel diameter + 1/8 to 3/16 inches.

32 For uniform lane widths: 3 to 6 inches. For taper and variable width pavements: 3 to 12 inches.

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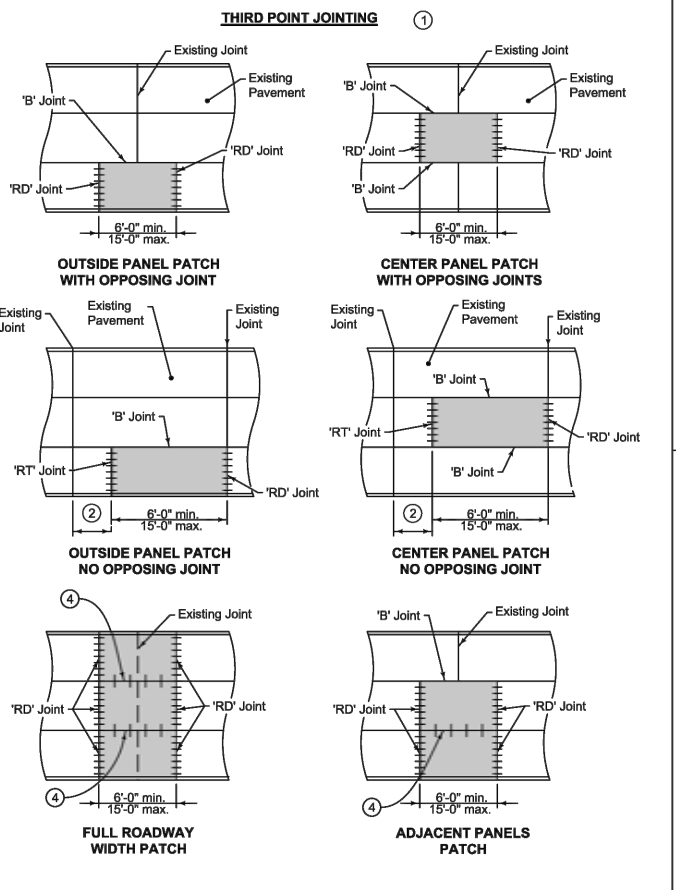
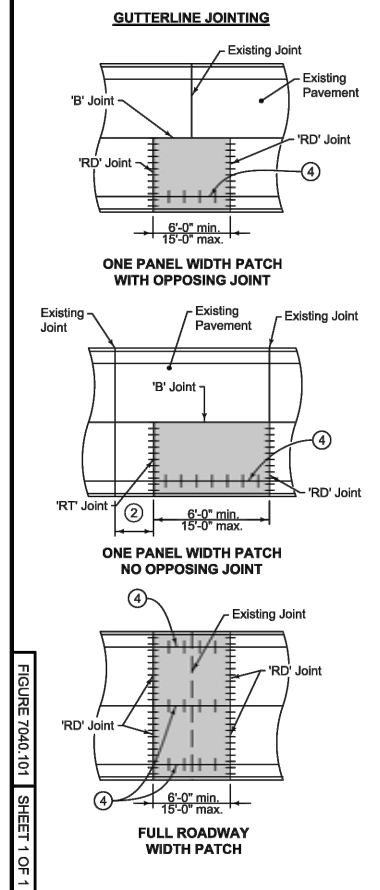
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DETAILS - JOINTING

DWG. NO.
B.3

PROJECT 561152



① Patches on roadways with quarter point jointing will be similar to third point jointing details.

② Minimum distance between existing joint and patch is 6 feet. If distance is less than 6 feet, extend patch to existing joint.

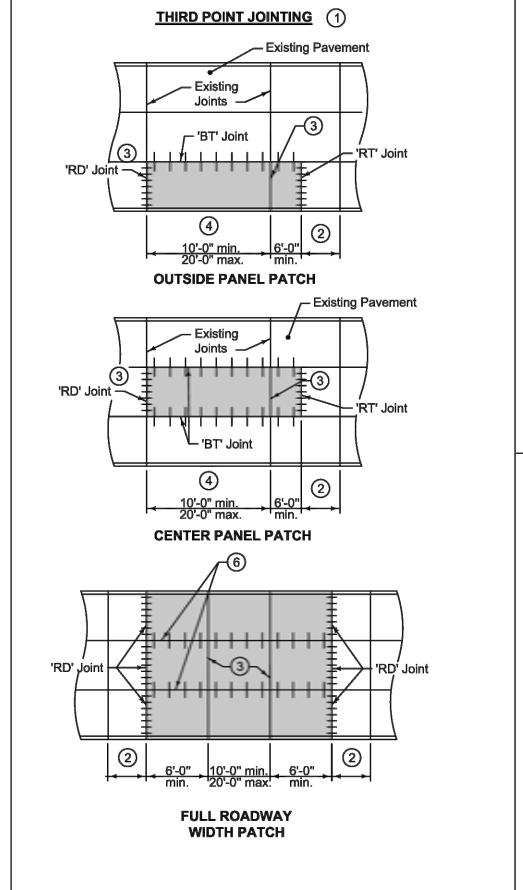
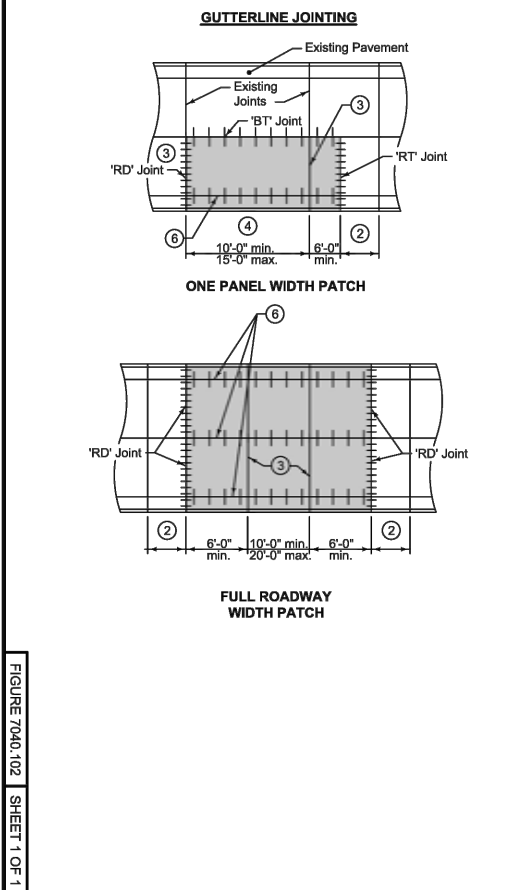
③ If subgrade or subbase material is required below patch, bring material to a level 2 inches below bottom of existing pavement.

④ BT, KT, or L joint depending on pavement thickness and pouring sequence.

LONGITUDINAL SECTION THRU PCC PATCH

SUDAS Standard Specifications

FULL DEPTH PCC PATCHES LESS THAN OR EQUAL TO 15' LONG



① Patches on roadways with quarter point jointing will be similar to third point jointing details.

② Minimum distance between existing joint and patch is 6 feet. If distance is less than 6 feet, extend patch to existing joint.

③ Match existing joint type and locations. If specified, replace existing 'C' joints with 'CD' joints.

④ If existing joint spacing is greater than 20 feet, add a 'CT' joint at mid-panel.

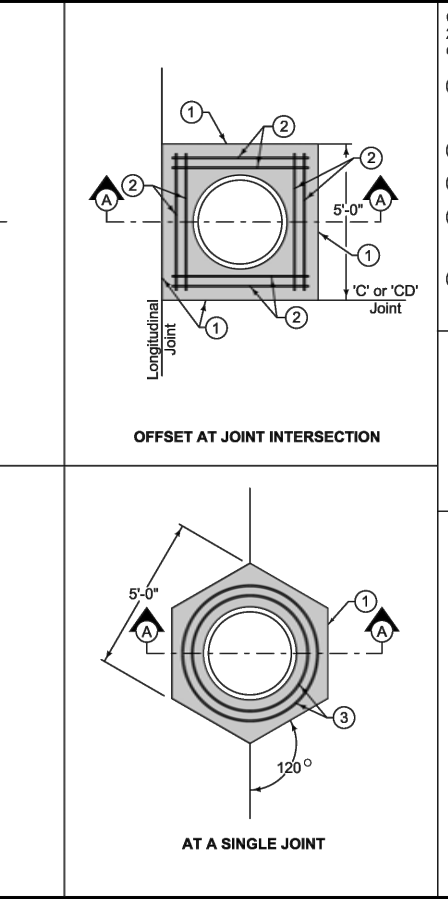
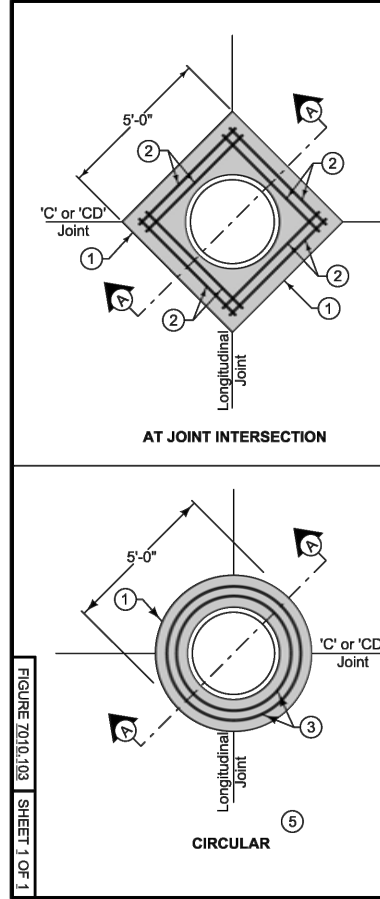
⑤ If subgrade or subbase material is required below patch, bring material to a level 2 inches below bottom of existing pavement.

⑥ BT, KT, or L joint depending on pavement thickness and pouring sequence.

LONGITUDINAL SECTION THRU PCC PATCH

SUDAS Standard Specifications

FULL DEPTH PATCHES GREATER THAN 15' LONG



Construct boxout with Class C concrete or match pavement class. Minimum 2 inches clear on reinforcement. Minimum 12 inches of concrete between outside of casting and nearest joint. Center casting within boxout area if possible.

① 'KT-1', 'KT-2', 'BT-1', or 'BT-2' joint if three-piece floating casting (SW 601 Type B and D or SW-602 Type F) is used. 'E' joint if two-piece fixed casting (SW 601 Type A and C or SW-602 Type E) is used.

② 4 foot 8 inch (typ.) #4 bar. Place at mid-slab.

③ #4 hoops (variable length). Place at mid-slab.

④ No boxout is required for three-piece floating castings (SW 601 Type B and D or SW-602 Type F). If a boxout is used with a three-piece casting, construct as detailed in Section A-A for three-piece floating casting.

⑤ If a circular boxout is cut and extracted after PCC construction, a 'B' joint may be substituted for the 'E' joint if approved by the Engineer.

SECTION A-A (For two-piece fixed casting)

SECTION A-A (For three-piece floating casting)

SUDAS IOWADOT STANDARD ROAD PLAN PV-103

MANHOLE BOXOUTS IN PCC PAVEMENT

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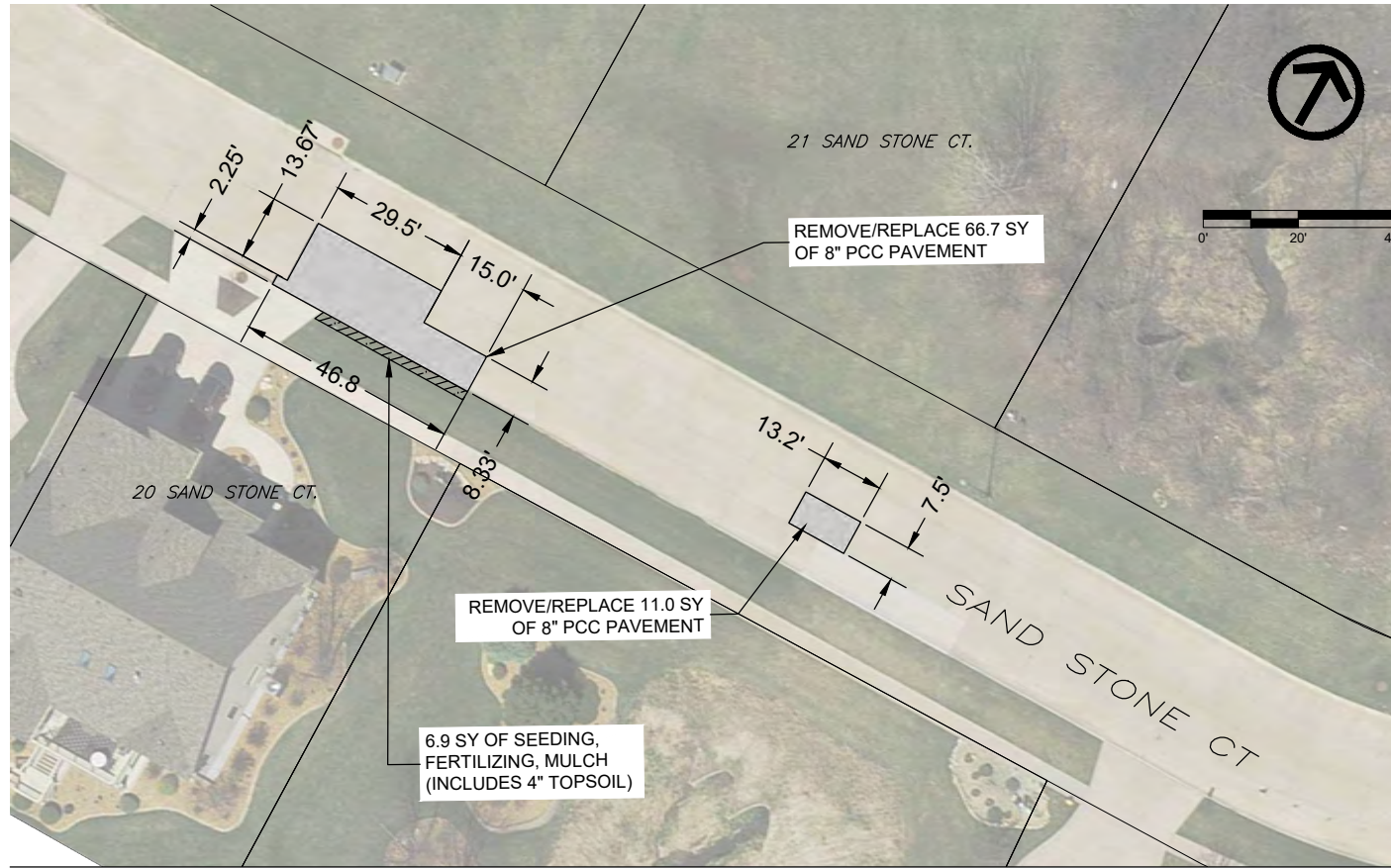


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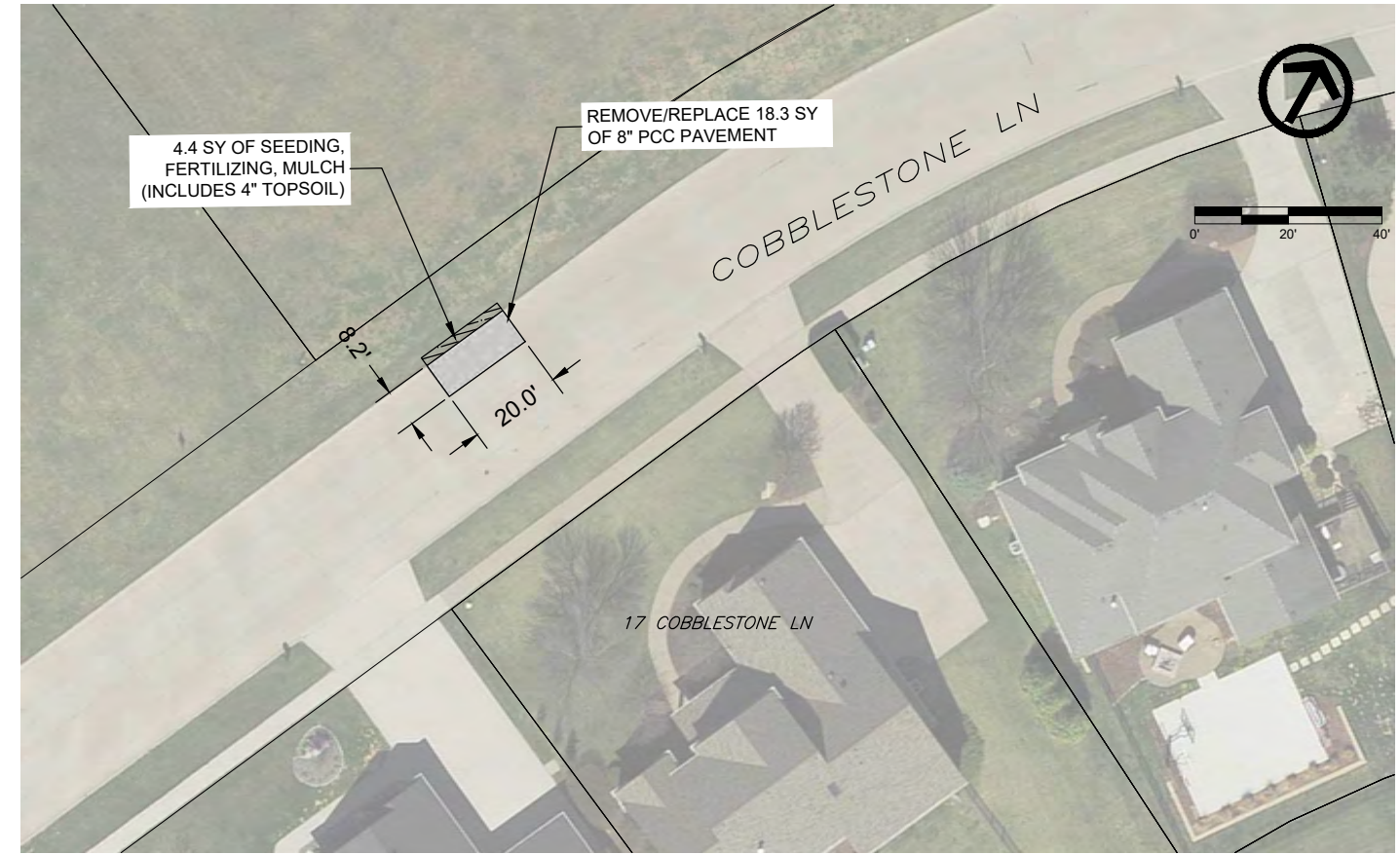
DETAILS - PATCHING & PAVEMENT

DWG. NO.
B.4
PROJECT 561152



20 SAND STONE CT

21 SAND STONE CT



17 COBBLESTONE LN



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		APPROVED	EWL
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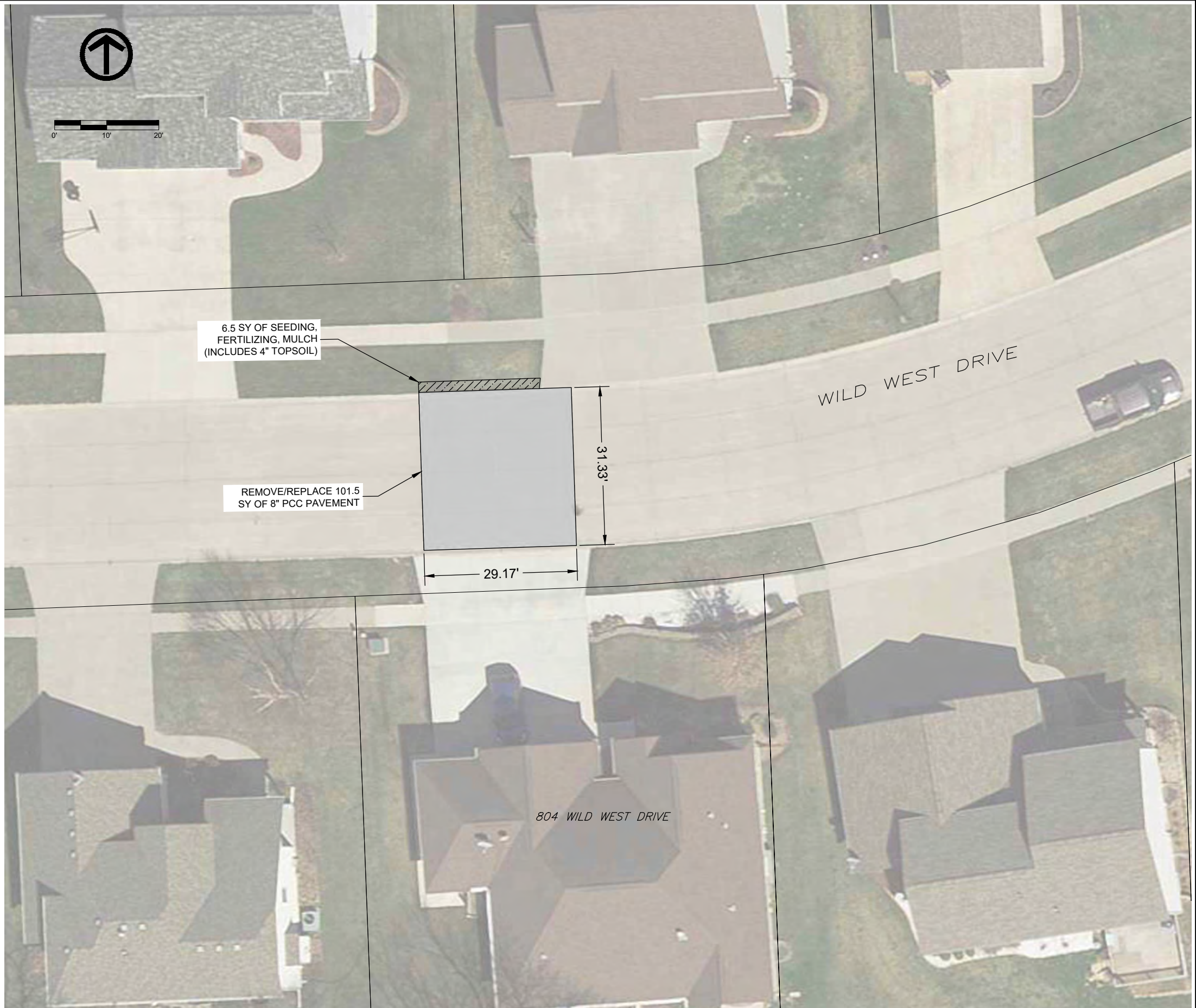
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PATCHING PLAN - SAND STONE CT
 & COBBLESTONE LN

DWG. NO.	C.1
PROJECT	561152



804 WILD WEST DR



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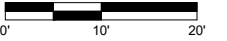
PATCHING PLAN - WILD WEST DRIVE

DWG. NO.	C.2
PROJECT	561162

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WISCONSIN & CODY RD SW
 CURBLINE REPLACEMENT



DATE	REVISIONS

SCALE	AS NOTED
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CHECKED	LFF
APPROVED	EWL
DATE	03-22-2024
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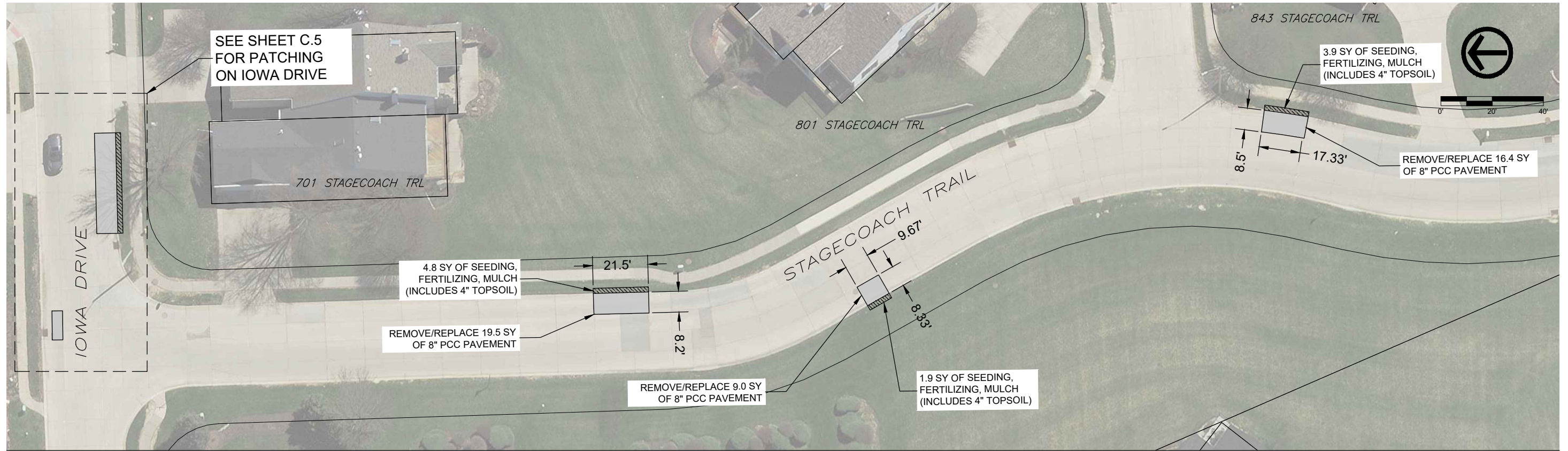


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PATCHING PLAN - WISCONSIN ST & CODY RD
 S.E. CURBLINE

DATE	DWG. NO.
	C.3
PROJECT	561152

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701 STAGECOACH TRAIL

801 STAGECOACH TRAIL

843 STAGECOACH TRAIL



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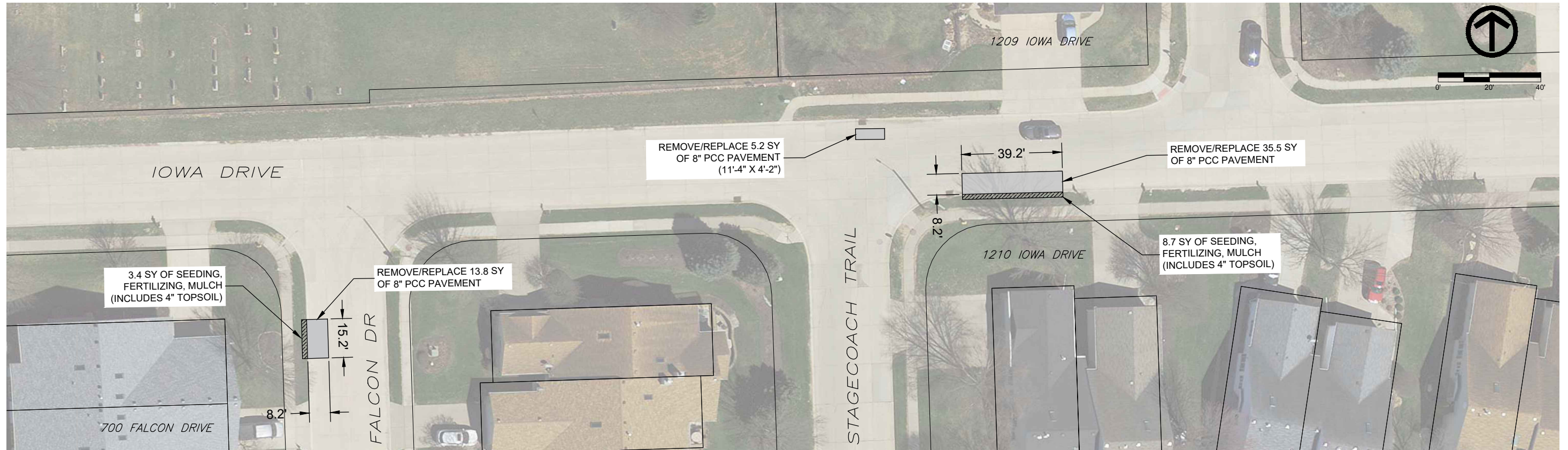


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PATCHING PLAN - STAGECOACH TRAIL

DWG. NO.	C.4
PROJECT	561152

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700 FALCON DRIVE

1209 IOWA DRIVE

1210 IOWA DRIVE



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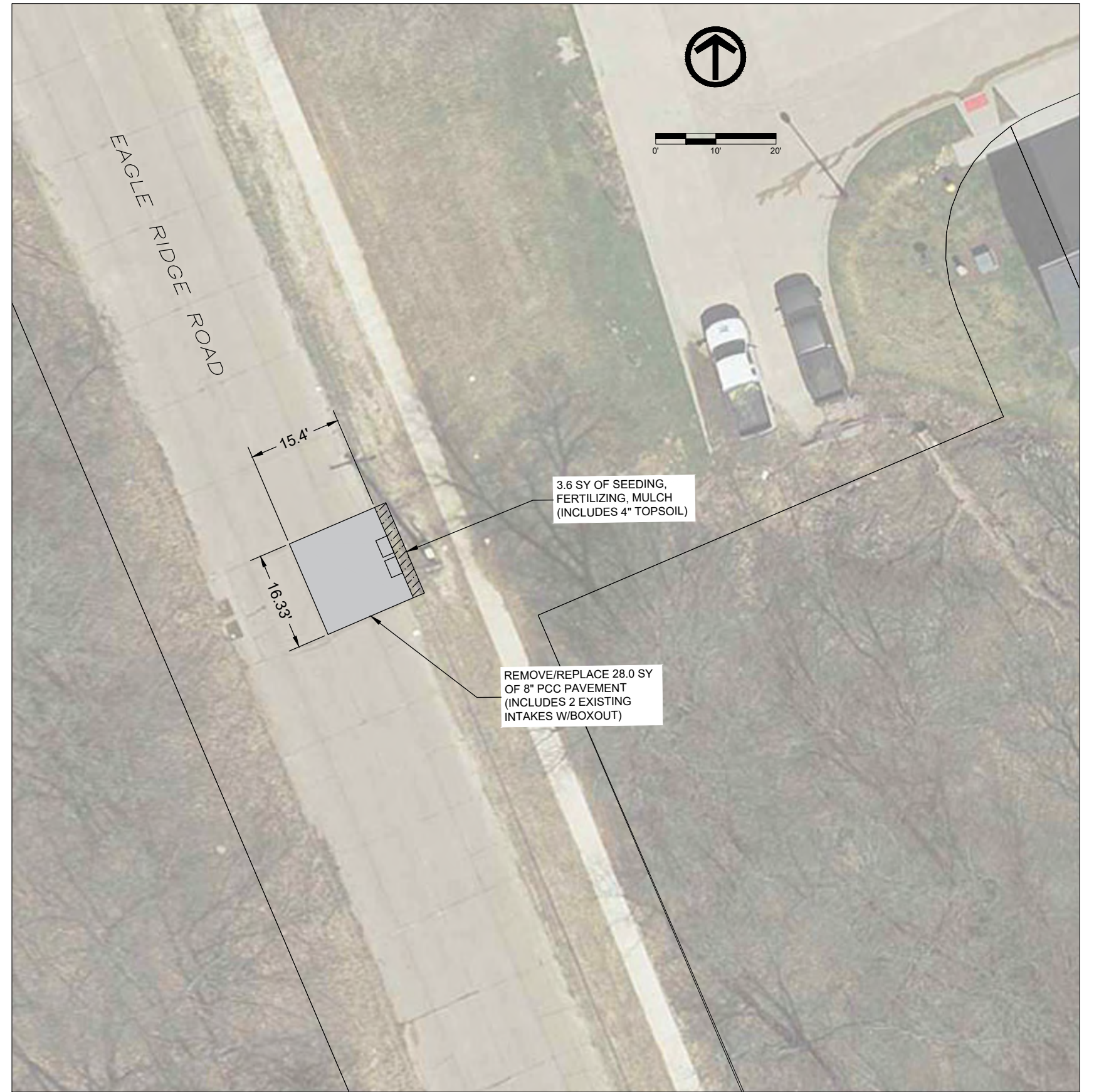


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PATCHING PLAN - IOWA DRIVE & FALCON DRIVE

DWG. NO.	C.5
PROJECT	561152

800 BLOCK EAGLE RIDGE RD



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		APPROVED	EWL
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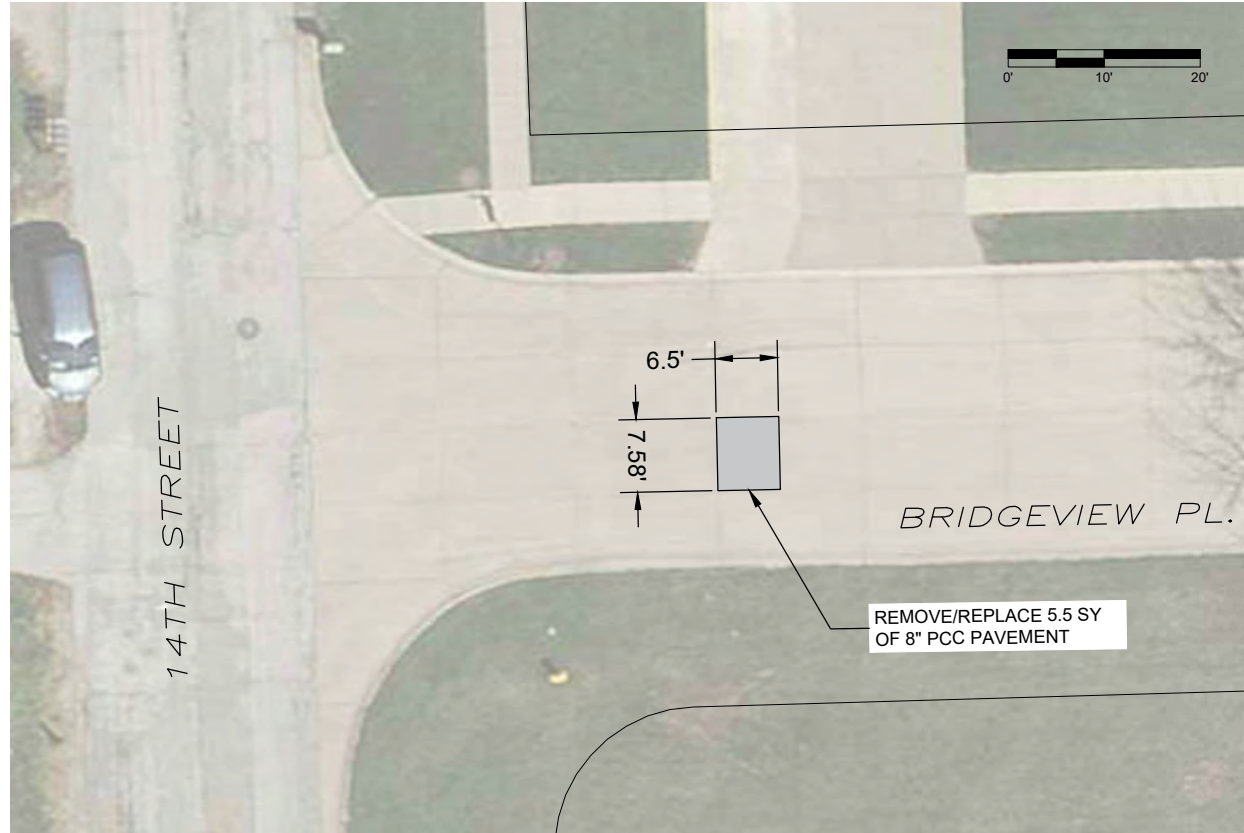
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 309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)

PATCHING PLAN - 800 BLOCK EAGLE RIDGE RD

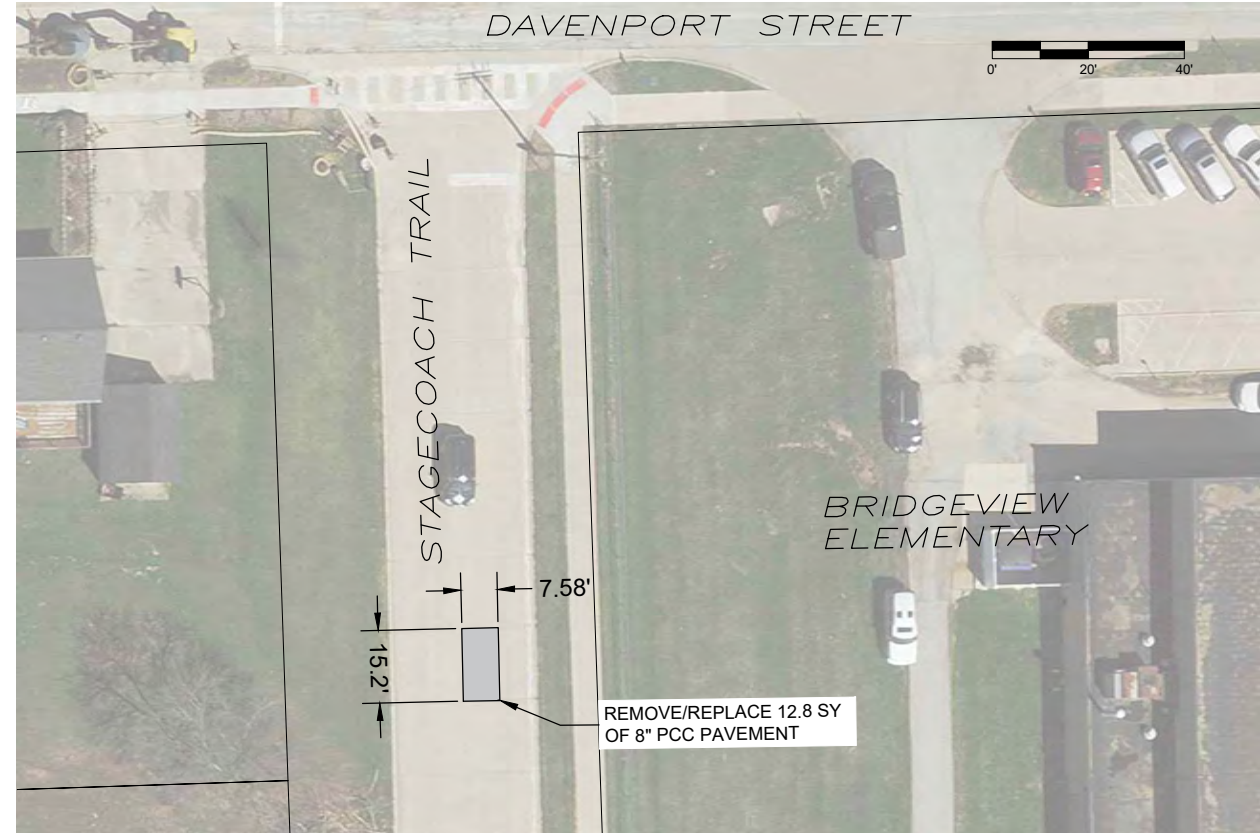
DWG. NO.	C.6
PROJECT	561152



PLOTTED: Friday, March 22, 2024 12:32:34 PM



1303 BRIDGEVIEW PL



STAGECOACH TRAIL S. OF DAVENPORT STREET



X-REFS: 0861-0136 BASE & 561136 Aerial
FILE PATH: C:\CIVIL 3D PROJECTS\LECLAIRE 2024 PANEL REPLACEMENT\CADD\DESIGN\2024 DESIGN

DATE	REVISIONS

SCALE	AS NOTED
DRAWN	EWL
CHECKED	LFF
APPROVED	EWL
DATE	03-22-2024
ISSUED FOR	CONSTRUCTION



2024 PCC PANEL REPLACEMENTS
CITY OF LECLAIRE, IOWA

1800 5th Avenue • Rock Island, Illinois 61201
309-786-7590 • 309-797-0996(FAX) • 877-241-8010(WATS)

PATCHING PLAN - BRIDGEVIEW PL
& STAGECOACH TRAIL

DATE	DWG. NO.
	C.7
PROJECT	561152

SPECIFICATIONS

FOR

2024 P.C.C. PANEL REPLACEMENTS

LECLAIRE, IOWA



SPECIFICATIONS
FOR
2024 P.C.C. PANEL REPLACEMENTS
LECLAIRE, IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signed:

Date:

Eric W. Lee

4/29/2024



Eric W. Lee, P.E.

Iowa License No. 25424

My license renewal date is December 31, 2024

Pages covered by this seal:

ALL

Prepared by
VEENSTRA & KIMM, INC.
Rock Island
Illinois

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2024 P.C.C. PANEL REPLACEMENTS
LECLAIRE, IOWA

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NOTICE OF PUBLIC HEARING

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND SPECIFICATIONS, PROPOSED FORM OF CONTRACT AND ESTIMATE OF COST FOR THE CONSTRUCTION OF 2024 P.C.C. PANEL REPLACEMENTS FOR THE CITY OF LECLAIRE, IOWA

The Council of the City of LeClaire will meet at the City Hall in said Municipality, on the 20th day of May, 2024 at 6:00 P.M., at which time and place, a hearing will be held on the proposed plans and specifications, form of contract and estimate of cost for the construction of the 2024 P.C.C. Panel Replacements project in and for said Municipality. At said hearing, the Council will consider said plans and specifications, proposed form of contract and the estimate of cost for the project, the same now being on file in the office of the Clerk, reference to which is made for a more detailed and complete description of the proposed work, and at said time and place the said Council will also receive and consider any objections to said plans, specifications and form of contract or cost of such project made by any interested party.

The nature and extent of the improvements are as follows:

2024 P.C.C. PANEL REPLACEMENTS

The work to be done includes approximately 347.3 square yards of PCC panel removal, 347.3 square yards of 8" PCC patching with integral curb and gutter, 8" subbase, and seeding/fertilizing are required, including miscellaneous associated work, including cleanup.

This notice is given by order of the Council of the City of LeClaire, Iowa.

CITY OF LECLAIRE, IOWA
Dennis Bockenstedt, City Administrator

Attest: Tracy Northcutt, City Clerk

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received by the City at City Hall, 325 Wisconsin Street, LeClaire, Iowa until 2:00 pm., local time, on Wednesday May 29, 2024, at which time and place they will be opened and publicly read or at such later time and place as may then be fixed.

Bids will be considered by the City at a public meeting to be held at City Hall at 6:00 p.m., local time, on Monday, June 3, 2024, or at such later time and place as may then be fixed. The proposed construction shall generally consist of the following work:

1. 2024 P.C.C. Panel Replacements, including:

The work to be done includes approximately 347.3 square yards of PCC panel removal, 347.3 square yards of 8" PCC patching with integral curb and gutter, 8" subbase, and seeding/fertilizing are required, including miscellaneous associated work, including cleanup.

Bidding documents may be examined at Veenstra & Kimm, Inc. 1800 5th Avenue, Rock Island, Illinois and at City Hall, 325 Wisconsin Street, LeClaire, Iowa.

Copies of said plans and specifications are now on file in the office of the City Clerk, for examination by bidders. Electronic copies may be obtained from the Coralville office of VEENSTRA & KIMM, INC. after an Electronic Media Agreement is submitted. Please email Michelle Chinchilla at mchinchilla@v-k.net to request the agreement form.

Each Bidder shall accompany the Bid with a Bid security, in a separate envelope, as security that the successful bidder will enter into a contract for the work bid upon. The bidder's security shall be in an amount equivalent to five percent (5%) and shall be in the form of a cashier's or certified check drawn on a bank in Iowa or a bank chartered under the laws of the United States of America, or a certified bank share draft drawn on a credit union in Iowa or chartered under the laws of the United States of America or a bid bond with corporate surety satisfactory to the City. The successful bidder will furnish after the award of the contract a corporate surety bond or bonds, acceptable to the City, for the faithful performance of the contract, in an amount equivalent to one hundred percent (100%) of the amount of the contract.

Pursuant to Iowa Code Sections: 422.42 (15) & (16), and 422.47 (5), tax exempt certificates and authorization letters will be issued to the successful bidder and subcontractors thereby exempting the successful bidder and subcontractors from having to pay sales tax on this project. Sales tax shall not be added to any bid submitted.

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa labor to the extent lawfully required under Iowa law.

Iowa law provides that on public improvements a resident bidder shall be allowed preference against a nonresident bidder from a state or foreign country which gives or requires a preference to bidders from that state or foreign country. The preference so allowed shall be equivalent to the preference given or required by the state or foreign country in which the nonresident bidder is a resident.

It is the intent of the City to award the contract to the lowest responsible, responsive bidder provided the bid has been submitted in accordance with the bidding requirements. The City reserves the right to waive informalities or irregularities. The City reserves the right to accept or reject any or all bids. The City reserves the right to choose the lowest Base Bid and reject the Alternate Bid or reserves the right to choose the lowest Base Bid plus Alternate Bid combined.

No Bid shall be withdrawn for a period of 60 days after the scheduled opening of the bids without the consent of Owner.

Published upon order of the City Council of LeClaire, Iowa.

Dennis Bockenstedt
City Administrator

INSTRUCTIONS TO BIDDERS

2024 P.C.C. PANEL REPLACEMENTS
LECLAIRE, IOWA

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1. DEFINITION OF TERMS

- 1.1 "Owner", and "City" shall mean the City of LeClaire, Iowa, acting through the City Council or an authorized representative of the City Council.
- 1.2 "Person" shall mean any individual, partnership, society, association, joint stock company, corporation, estate, receiver, trustee, assignee or referee, whether appointed by a court or otherwise, and any combination of individuals.
- 1.3 "Bidder" shall mean any person who submits a proposal to furnish the work described in the Contract Documents.
- 1.4 "Contractor" shall mean the person with whom the Owner may enter into contract for the execution of the work specified.
- 1.5 "Subcontractor" shall mean the person supplying materials, labor, equipment and appurtenances for the work, such person having contractual relations with the Contractor, but not with the Owner.
- 1.6 "Engineer" shall mean Veenstra & Kimm, Inc., with offices in West Des Moines, Iowa, and Rock Island, Illinois.
- 1.7 "Standard Drawings" shall mean construction detail drawings bound with these specifications.
- 1.8 "Work" shall mean the work to be done and the equipment, supplies and materials to be furnished under the contract, unless some other meaning is indicated by the context.

Instructions to Bidders

1.9 "Or Equal" shall follow manufacturers' names used to establish standards and, if not stated, is implied.

2. CONTRACT DOCUMENTS

2.1 Contract Documents, sometimes referred to as the "plans and specifications", shall mean and include the following parts as used herein:

- 2.1.1 Notice of Public Hearing and Bid Letting
- 2.1.2 Official Notice to Bidders
- 2.1.3 Instructions to Bidders
- 2.1.4 Proposal
- 2.1.5 Contract
- 2.1.6 Bond
- 2.1.7 General Conditions
- 2.1.8 Special Conditions
- 2.1.9 Plans List
- 2.1.10 Detailed Specifications
- 2.1.11 Plans listed in the Specifications
- 2.1.12 Numbered addenda issued to the foregoing.

3. METHOD OF BIDDING

- 3.1 Bidders shall submit unit price and lump sum bids as required for work covered by the plans and specifications. Prices shall cover complete work and include all costs incidental thereto, unless indicated otherwise.
- 3.2 Bids will be computed using quantities shown in proposal. Unit price quantities are approximate and only for comparison of bids. Engineer retains right to change location, quantities and combination of units as may be required during progress of construction. Compensation due Contractor will be computed on basis of final quantities of completed work.
- 3.3 In the event of discrepancies between unit prices and unit price extensions listed in bidder's proposal, unit price shall govern and unit price extensions shall be corrected, as necessary, for agreement with unit prices.
- 3.4 Unit prices for payment items included in the specifications, but not listed in the proposal, will be negotiated, if needed.

Instructions to Bidders

4. QUALIFICATIONS OF BIDDERS

- 4.1 Bidders shall be prepared to satisfy Owner as to integrity, experience, adequacy of equipment and personnel, and financial ability to perform work specified.
- 4.2 If successful bidder is a non-Iowa corporation, he shall submit proof to Owner prior to execution of contract that he has been authorized by Secretary of State to do business in Iowa.
- 4.3 Bidders upon request shall submit evidence of current registration as a contractor with Iowa Department of Labor.

5. SUBMISSION OF BIDS

- 5.1 Bidders shall submit the Proposal stamped "Official Bid". The Proposal stamped "Official Bid" is considered the original Proposal and shall be used for bidding. Submit in a sealed envelope. Envelope shall bear return address of the bidder and shall be addressed as follows:

To:

City Administrator
City of LeClaire
325 Wisconsin Street
LeClaire, IA 52753

Proposal for:

2024 P.C.C. Panel Replacements

- 5.2 Bids shall be signed by a legally authorized representative of the bidder.
- 5.3 Bidders shall submit the specified bid security included with the Proposal.
- 5.4 Mark each envelope with "Sealed Bid. Do Not Open."

6. WITHDRAWAL OF BIDS

- 6.1 A bidder may withdraw his bid at any time prior to scheduled closing time for a receipt of bids, but no bid shall be withdrawn for a period of 60 calendar days thereafter.

7. BID SECURITY

- 7.1 Each bid shall be accompanied by bid security in the form and amount as set out in the Notice to Bidders.

Instructions to Bidders

7.2 Bid security shall be enclosed in the sealed envelope with the bid, or in a separate sealed envelope.

7.3 The bid security shall be forfeited and become the property of the Owner in case the bidder fails or refuses to enter into contract and to furnish bond within 10 calendar days after his proposal shall have been accepted.

7.4 Bid security of the unsuccessful bidders will be returned as soon as the successful bidder is determined and has entered into a contract; bid security of successful bidder will be returned upon execution of contract and furnishing of bond.

7.5 Bidders shall use bid bond form included with specifications.

8. EXAMINATION OF WORK

8.1 Bidders shall familiarize themselves with the specifications and with all conditions which will affect construction. It will be assumed that bidders have made a personal examination of the job and the physical conditions affecting the work.

9. EXECUTION OF CONTRACT

9.1 The successful bidder shall enter into a written contract with the Owner, within 10 days after acceptance of his proposal on the forms included with these specifications, for the performance of the work awarded to him.

9.2 The contract, when executed, shall be deemed to include the entire agreement between the parties hereto, and the Contractor shall not claim any modification thereof resulting from any representation or promise made at any time by any representative of the Owner or any other person.

10. CONTRACT TERMINATION

10.1 Provisions of law, as contained in Chapter 573A of the Code of Iowa shall apply to and be a part of this contract. Chapter 573A provides for termination of contracts for construction of public improvements when construction or work thereon is stopped because of a national emergency. The provisions of Chapter 573A shall be binding upon all parties thereto, including subcontractors and sureties upon any bond given or filed in connection therewith.

11. TAXES

- 11.1 Bidders shall include in proposals all amounts payable by Contractor or Owner on account of taxes imposed by any taxing authority upon sale, purchase or use of materials and equipment covered by the contract. All taxes of foregoing descriptions shall be paid by Contractor.
- 11.2 After delivery of materials and equipment, Contractor shall submit to Owner a statement (Iowa Department of Revenue Form 35-002) of all taxes of foregoing descriptions which he has paid on materials and equipment incorporated in complete construction.
- 11.3 Successful bidder is subject to payment of Iowa income tax on income from this work in amounts prescribed by law. If successful bidder is a non-Iowa partnership, individual or association, he shall furnish evidence prior to execution of contract, that bond or securities have been posted with the Iowa Department of Revenue in the amount required by law.

12. PREFERENCE FOR LABOR AND MATERIALS

- 12.1 Contractor shall observe the laws of the State of Iowa with regard to preference for labor and materials. So far as may be done under the law, Contractor shall give preference to labor residing in the vicinity of the City of LeClaire, Iowa, and to local concerns in purchase of materials, insurance and bonds.

13. IOWA RECIPROCAL PREFERENCE

- 13.1 In accordance with the requirements of the Iowa Department of Labor all bidders must submit a fully completed Bidder Status Form. The Bidder Status Form must be included with and is considered an essential attachment to the Proposal. Any Proposal that does not include a fully completed Bidder Status Form may result in the Proposal being determined non-responsive.

14. PAYMENT

- 14.1 Payment will be made as set forth in Notice to Bidders.
- 14.2 Payment will be made on the basis of estimates prepared by Contractor and approved by Engineer, solely for the purpose of payment; approval by Engineer shall not be deemed approval of workmanship or materials.

Instructions to Bidders

15. APPROVAL OF MATERIALS

15.1 Approval of substitutions of any materials or equipment other than that specified shall be obtained in writing from Engineer. Otherwise, it will be assumed Contractor will furnish materials or equipment specified.

16. SOIL BORINGS

16.1 No soil boring has been made along proposed route of work. Bidders shall familiarize themselves with the actual and anticipated soil conditions. Soil conditions and groundwater actually encountered during construction may vary from conditions experienced during bidding examination.

16.2 Obtain approval of Owner to make soil borings along proposed route of work.

16.3 Bidders responsible for obtaining utility locations for any borings and for all utilities damaged by the boring activities.

17. PERIOD OF GUARANTEE AND BOND

17.1 Contractor shall guarantee work for a period of 2 years from date of final acceptance as provided for in the Code of Iowa. Surety bond furnished by Contractor shall run for a like period.

PROPOSAL

2024 P.C.C. PANEL REPLACEMENTS
LECLAIRE, IOWA

Name of Bidder _____

Address of Bidder _____

To: City Council
City of LeClaire
325 Wisconsin Street
LeClaire, IA 52753

The undersigned bidder submits herewith bid security amounting to five percent (5%) of the total amount of the bid which shall become the property of the City of LeClaire should the undersigned fail or refuse to execute a contract and to furnish bond as called for in the specifications within the time provided.

The undersigned bidder, having examined the Contract Documents, and having familiarized himself with the nature and location of the work to be done and the conditions under which the work will be performed, hereby proposes to provide the required labor, services and materials and to perform the work described in the specifications, and addenda ____, ____, __ and ____, within the time and for the sum or sums stated hereinafter on attached proposal schedule, which proposal schedule is hereby made a part of this Proposal.

The undersigned bidder certifies that this proposal is made in good faith, without collusion or connection with any other person or persons bidding on the work.

The undersigned bidder states that this proposal is made in conformity with the specifications and agrees that in the event of any discrepancies or differences between any conditions of his proposal and the specifications prepared by VEENSTRA & KIMM, INC., that the provisions of the latter shall prevail.

Bidder _____

By _____

Title _____

PROPOSAL SCHEDULE

2024 P.C.C. PANEL REPLACEMENTS

1. Construct 2024 P.C.C. Panel Replacements for the following unit and lump sum prices:

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	\$	<u>Unit Price</u>	\$	<u>Extended Price</u>
1	Mobilization	LS	1		_____		\$ _____
2	Construction Layout	LS	1		_____		_____
3	Traffic Control & Protection	LS	1		_____		_____
4	Erosion Control	LS	1		_____		_____
5	Seeding, Fertilizing, Mulching for Hydraulic Seeding	SY	44.0		_____		_____
6	Pavement Removal	SY	347.3		_____		_____
7	PCC Pavement Patching, 8" Thick (Integral Curb & Gutter)	SY	347.3		_____		_____
8	8" Dense Graded Subbase, IDOT Grad. No. 11	SY	369.8		_____		_____
9	Subgrade Stabilization Material	CY	44.0		_____		_____
			TOTAL BID				
			(Items 1 - 9)		\$		_____

2. The work on said project shall commence within ten (10) days of written Notice to Proceed and shall be substantially completed with pavement maintenance completed and opened by August 31, 2024.
3. Liquidated damages in the amount of Two Hundred Dollars (\$200.00) per calendar day will be assessed for each day the project is not fully completed after August 31, 2024 until the date the project is finished.
4. Due allowances for extensions of the contract period due to conditions beyond the control of the Contractor shall be considered by the Owner. Inclement weather shall not be considered as a cause for extensions of the contract period for average or below average precipitation totals during the contract period.
5. Required attachment:
 - 5.1 Bidder Status Form.

Bidder Status Form

To be completed by all bidders

Part A

Please answer "Yes" or "No" for each of the following:

- Yes No My company is authorized to transact business in Iowa.
(To help you determine if your company is authorized, please review the worksheet on the next page).
- Yes No My company has an office to transact business in Iowa
- Yes No My company's office in Iowa is suitable for more than receiving mail, telephone calls, and e-mail
- Yes No My company has been conducting business in Iowa for at least 3 years prior to the first request for bids on this project.
- Yes No My company is not a subsidiary of another business entity or my company is a subsidiary of another business entity that would qualify as a resident bidder in Iowa.

If you answered "Yes" for each question above, your company qualifies as a resident bidder. Please complete Parts B and D of this form.

If you answered "No" to one or more questions above, your company is a nonresident bidder. Please complete Parts C and D of this form.

To be completed by resident bidders

Part B

My company has maintained offices in Iowa during the past 3 years at the following addresses:

Dates: ____ / ____ / ____ to ____ / ____ / ____ Address: _____

City, State, Zip: _____

Dates: ____ / ____ / ____ to ____ / ____ / ____ Address: _____

City, State, Zip: _____

Dates: ____ / ____ / ____ to ____ / ____ / ____ Address: _____

You may attach additional sheet(s) if needed. City, State, Zip: _____

To be completed by non-resident bidders

Part C

1. Name of home state or foreign country reported to the Iowa Secretary of State:

2. Does your company's home state or foreign country offer preferences to bidders who are residents? Yes No

3. If you answered "Yes" to question 2, identify each preference offered by your company's home state or foreign country and the appropriate legal citation.

You may attach additional sheet(s) if needed.

To be completed by all bidders

Part D

I certify that the statements made on this document are true and complete to the best of my knowledge and I know that my failure to provide accurate and truthful information may be a reason to reject my bid.

Firm Name: _____

Signature: _____ Date: _____

**You must submit the completed form to the governmental body requesting bids
per 875 Iowa Administrative Code Chapter 156.**

This form has been approved by the Iowa Labor Commissioner.

Worksheet: Authorization to Transact Business

This worksheet may be used to help complete Part A of the Resident Bidder Status form. If at least one of the following describes your business, you are authorized to transact business in Iowa.

- Yes No My business is currently registered as a contractor with the Iowa Division of Labor.
- Yes No My business is a sole proprietorship and I am an Iowa resident for Iowa income tax purposes.
- Yes No My business is a general partnership or joint venture. More than 50 percent of the general partners or joint venture parties are residents of Iowa for Iowa income tax purposes.
- Yes No My business is an active corporation with the Iowa Secretary of State and has paid all fees required by the Secretary of State, has filed its most recent biennial report, and has not file articles of dissolution.
- Yes No My business is a corporation whose articles of incorporation are filed in a state other than Iowa, the corporation has received a certificate of authority from the Iowa secretary of state, has file its most recent biennial report with the secretary of state, and has neither received a certificate of withdrawal from the secretary of state nor had its authority revoked.
- Yes No My business is a limited liability partnership which has filed a statement of qualification in thi state and the statement has not been canceled.
- Yes No My business is a limited liability partnership which has filed a statement of qualification in state other than Iowa, has filed a statement of foreign qualification in Iowa and a statement o cancellation has not been filed
- Yes No My business is a limited partnership or limited liability limited partnership which has filed a certificate of limited partnership in this state, and has not filed a statement of terminatio
- Yes No My business is a limited partnership or a limited liability limited partnership whose certificate of limited partnership is filed in a state other than Iowa, the limited partnership or limited liability limited partnership has received notification from the Iowa secretary of state that the application for certificate of authority has been approved and no notice of cancellation has been filed by th limited partnership or the limited liability limited partnership.
- Yes No My business is a limited liability company whose certificate of organization is filed in Iowa and has not filed a statement of termination
- Yes No My business is a limited liability company whose certificate of organization is filed in a state othe than Iowa, has received a certificate of authority to transact business in Iowa and the certificat has not been revoked or canceled.

BID BOND

KNOW ALL MEN BY THESE PRESENTS: That we,

_____ of _____ as

Principal and _____ of _____ as Surety, are held and firmly bound unto the City of LeClaire, Iowa, hereinafter defined as Obligee, in the penal sum of five percent (5%) of the total amount of the bid (\$_____), for which payment said Principal and Surety bind themselves, their heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents.

The condition of the above obligation is such that whereas the Principal has submitted to the City of LeClaire, Iowa, a certain bid, in a sealed envelope, and hereby made a part hereof to enter into a contract in writing, for: 2024 P.C.C. Panel Replacements.

NOW THEREFORE, if the said bid by said Principal be accepted, and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond as may be specified in the contract documents with good and sufficient surety for the faithful performance of such contract, for the prompt payment of labor and material furnished in the prosecution thereof, and for the maintenance of said improvements as may be required therein, then this obligation shall become null and void or in the event of the failure of the Principal to enter such contract and give such bond, the Principal shall pay to the Obligee the full amount of the bid bond, together with court costs, attorney's fees, and any other expense of recovery.

Signed and sealed this _____ day of _____, 2024.

Principal

By _____
Contractor's Signature

Surety

By _____
Attorney-in-Fact

CONTRACT

THIS AGREEMENT, made and entered into this _____ day of _____, 20____, by and between the City of LeClaire, Iowa, party of the first part, hereinafter referred to as the "Owner", and

party of the second part, hereinafter referred to as the "Contractor".

WITNESSETH: THAT WHEREAS, the Owner has heretofore caused to be prepared certain specifications and proposal blanks, dated the _____ day of _____, 20____, for 2024 P.C.C. Panel Replacements under the terms and conditions therein fully stated and set forth, and,

WHEREAS, said specifications and proposal blanks accurately and fully describe the terms and conditions upon which the Contractor is willing to perform the work specified:

NOW, THEREFORE, IT IS AGREED:

- 1. That the Owner hereby accepts the proposal of the Contractor for the work, as follows:

The work to be done includes approximately 347.3 square yards of PCC panel removal, 347.3 square yards of 8" PCC patching with integral curb and gutter, 8" subbase, and seeding/fertilizing are required, including miscellaneous associated work, including cleanup.

- 2. That this contract consists of the following component parts which are made a part of this agreement and contract as fully and absolutely as if they were set out in detail in this contract:

- 2.1 Contract Documents, including:

- 2.1.1 Notice of Public Hearing and Bid Letting
- 2.1.2 Official Notice to Bidders
- 2.1.3 Instructions to Bidders
- 2.1.4 Proposal
- 2.1.5 Bond
- 2.1.6 General Conditions
- 2.1.7 Special Conditions
- 2.1.8 Plans List
- 2.1.9 Detailed Specifications
- 2.1.10 Plans listed in the Specifications
- 2.1.11 Numbered addenda issued to the foregoing.

- 2.2 This Instrument.

2.3 The above components are complementary and what is called for by one shall be as binding as if called for by all.

3. That payments are to be made to the Contractor in accordance with and subject to the provisions embodied in the documents made a part of this contract.

4. That this contract is executed in triplicate.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hand and seals the date first written above.

CONTRACTOR

CITY OF LECLAIRE, IOWA

By _____

Mayor

Title _____

ATTEST:

ATTEST:

Title _____

City Administrator

BOND

KNOW ALL MEN: That we, _____
of _____, hereinafter called the Principal, and _____
_____, hereinafter called the surety, are held and
firmly bound unto the City of LeClaire, Iowa, hereinafter called the Owner in the sum of _____
Dollars (\$_____), for the payment whereof the Principal
and Surety bind themselves, their heirs, executors, administrators, successors and assigns,
jointly and severally, firmly, by these presents.

WHEREAS, the principal has, by means of a written Agreement dated _____,
20____, entered into a Contract with the Owner for 2024 P.C.C. Panel Replacements, which
Agreement includes a guarantee of all work against defective workmanship and materials for a
period of two (2) years from the date of final acceptance of the work by the Owner, a copy of
which Agreement is by reference made a part hereof;

NOW, THEREFORE, the condition of this Obligation is such that, if the Principal shall faithfully
perform the Contract on his part and shall fully indemnify and save harmless the Owner from all
costs and damage which he may suffer by reason of failure so to do and shall fully reimburse
and repay the Owner all outlay and expense which the Owner may incur in making good any
such default,

And Further, that if the Principal shall pay all persons who have contracts directly with the
Principal for labor or materials, failing which such persons shall have a direct right of action
against the Principal and Surety under this Obligation, subject to the Owner's priority,

Then this Obligation shall be null and void, otherwise it shall remain in full force and effect.

Provided, however, that no suit, action or proceeding by reason of any default whatever shall
be brought on this Bond after three (3) years from the date of final acceptance of the work.

And Provided, that any alterations which may be made in the terms of the Contract, or in the
work to be done under it, or the giving by the Owner of any extension of time for the
performance of the Contract, or any other forbearance on the part of either the Owner or the
Principal to the other shall not in any way release the Principal and the Surety, or either of
them, their heirs, executors, administrators, successors or assigns from their liability hereunder,
notice to the Surety of any such alteration, extension or forbearance being hereby waived.

And Further Provided, the Principal and Surety on this Bond hereby agree to pay all persons,
firms, or corporations having contracts directly with the Principal or with subcontractors all just
claims due them for labor performed or material furnished, in the performance of the Contract
on account of which this Bond is given, when the same are not satisfied out of the portion of
the contract price which the Owner shall retain until completion of the improvements, but the
Principal and Surety shall not be liable to said persons, firms, or corporations unless the claims
of said claimants against said portions of the contract price shall have been established as
provided by law.

The Surety on this Bond shall be deemed and held, any contract to the contrary notwithstanding, to consent without notice:

- a. To the extension of time to the Principal in which to perform the Contract.
- b. To changes in the plans, specifications, or Contract, when such changes do not involve an increase of more than twenty percent (20%) of the total contract price and shall then be released only as to such excess increase.
- c. That no provision of this Bond or of any other contract shall be valid which limits to less than three (3) years from the date of final acceptance of the work the right to sue on this Bond for defects in workmanship or materials not discovered or known to the Owner at the time such work was accepted.

The Bond is executed in triplicate.

Signed and Sealed this _____ day of _____, 20____.

PRINCIPAL:

Contractor

Signature

Title

SURETY:

Surety Company

Signature, Attorney-in-Fact

Name of Attorney-in-Fact

Company Name

Company Address (Including Zip Code)

Company Telephone Number



CITY OF LECLAIRE, IOWA

325 WISCONSIN STREET
LECLAIRE, IOWA 52753

TEL: (563)-289-4242

FAX: (563)-289-6016
WWW.LECLAIREIOWA.GOV

"HOLD-HARMLESS, WAIVER OF LIABILITY, AND INDEMNIFICATION AGREEMENT"

The undersigned, _____, and any person(s) claiming through or under the undersigned and any respective sureties, covenant and agree to defend, protect, completely indemnify, and hold harmless the **CITY OF LECLAIRE, IOWA**, its agents, employees, and assigns from any and all actions, claims demands for damages, expenses, (including attorney's fees), or liability of any kind or nature whatsoever, which may be occasioned by or arising out of any accident or other occurrence causing or inflicting injury and/or damage to any person(s) or injury and/or damage to property, in, upon, about, or on public property adjacent to the following described property:

as referenced in an approved project plan set.

which may in any way be caused by the accidental, intentional, or negligent action of the undersigned or any person(s) claiming through or under the undersigned, or which may result therefrom as a result of the authorized use, occupancy, or tenancy of the above-described property for the following listed actions or events:

ANY AND ALL ACTIVITIES CONDUCTED IN CONJUNCTION WITH : 2024 PCC Panel Replacements

The undersigned further covenants and agrees that they have or will, at their own expense, procure and maintain for the duration of the above-described activity, not less than \$1,000,000 in casualty and liability insurance in a responsible company or companies authorized to do business in the State of Iowa, **LISTING THE CITY OF LECLAIRE AS A NAMED, ADDITIONAL INSURED**, all as approved by the City.

DATED THIS THE _____ DAY OF _____, 20__.

(Approval and Acceptance by the
City of LeClaire)

X _____
(Signature of Requesting Person,
Group or Corporation)

GENERAL CONDITIONS

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1. CONTRACT DOCUMENTS

- 1.1 All documents listed or identified as part of contract are each and all essential and component parts of agreement between Owner and Contractor.
- 1.2 Contract Documents shall be signed in triplicate by Owner and Contractor.
- 1.3 Contract Documents are complementary, and what is called for by any one shall be as binding as if called for by all. The intention of documents is to include all labor and materials, equipment and transportation necessary for proper execution of work. It is not intended that materials or work not covered by or properly inferable from any heading, branch, class or trade of the specifications shall be supplied unless distinctly noted. Materials or work described in words, which have a well known technical or trade meaning, shall be held to refer to such recognized standards.
- 1.4 All work and materials on this project shall conform to the Statewide Urban Design and Specifications standards (latest edition), Iowa DOT Specifications (latest edition), and City of LeClaire Supplemental Specifications to SUDAS, Special Conditions, and Manual on Uniform Traffic Control (MUTCD), unless otherwise noted on the plans or contract documents.

2. SURETY BOND

2.1 Contractor shall furnish a good and sufficient surety bond in full amount of contract prior to signing contract. Surety bond shall guarantee faithful performance of all provisions of contract and payment of all bills and obligations arising from said contract. Should surety become irresponsible during time contract is in force, Owner may require additional and sufficient sureties. Contractor shall furnish said additional sureties to satisfaction of Owner within ten (10) days after written notice to do so. In default thereof, contract may be suspended as hereinafter provided.

3. CONTRACTOR'S RESPONSIBILITY

3.1 Contractor shall assume full responsibility for safekeeping of all materials and equipment and for all unfinished work until final acceptance by Owner. Materials and equipment which are damaged or destroyed from any cause shall be replaced at Contractor's expense.

3.2 Contractor shall indemnify and save harmless Owner against any liens filed for non-payment of Contractor's bills in connection with contract work. Contractor shall furnish Owner satisfactory evidence that all persons who have done work or furnished materials, equipment, or service of any type, under the contract have been fully paid prior to acceptance of work by Owner.

3.3 Contractor shall erect and maintain such barriers and lights as will prevent accidents as a consequence of its work. It shall indemnify and save harmless the Owner and its agents from all suits brought against Contractor for any injuries received or sustained by any person or persons by or through Contractor, its servants, or agents, in construction of work, or by or in consequence of any acts or omissions or negligence in performing contract work.

4. SUBCONTRACTS

4.1 Contractor shall not assign, sub-let or transfer the whole or any part of work herein specified without written consent of Owner. Assignment, sub-letting or transfer shall not relieve Contractor from its responsibilities set forth herein.

4.2 Detailed specifications are separated into titled parts for convenience or reference and to facilitate letting of contracts and subcontracts. Such arrangement shall not obligate Engineer to establish limits on contracts between Contractors and subcontractors.

5. CONTRACTOR'S EMPLOYEES

5.1 Contractor shall personally supervise its work or provide a capable superintendent satisfactory to Engineer. Superintendent shall be authorized to receive instructions from Engineer.

5.2 Incompetent or incorrigible employees shall be dismissed by the Contractor or its representative when requested by Engineer. Such dismissed persons shall not be permitted to return to work without written consent of Engineer.

5.3 Contractor shall give preference to local labor in execution of this contract, insofar as is practicable.

6. PERMITS AND REGULATIONS

6.1 In execution of work specified herein, Contractor shall conform to regulations and ordinances of any governmental body which may apply in execution of specified work. Contractor shall obtain such permits and licenses as may be required for construction of work.

7. PATENTS

7.1 All fees or royalties for patented inventions, equipment or arrangements used in construction or erection of work, or any part thereof, shall be included in contract price. Contractor shall protect and hold harmless Owner against any and all claims or litigation by reason of infringement of any patent rights on any materials, equipment of construction furnished by Contractor.

8. GUARANTEE

8.1 Contractor shall guarantee all work against faulty workmanship and materials for the period specified after date of final acceptance of work by Owner unless otherwise set out in "SPECIAL CONDITIONS" or "INSTRUCTIONS TO BIDDERS". Contractor shall repair or replace any defective workmanship and materials in a manner acceptable to Owner, without expense to Owner, within ten (10) days after written notification by Owner of such defect. If said repairs or replacements are not made within ten (10) days, Owner may make said repairs or replacements and charge the cost to Contractor.

8.2 Contractor shall provide Owner with a good and sufficient surety maintenance bond in the full amount of contract prior to signing contract. Maintenance bond shall run for the period specified from time of acceptance to protect Owner from faulty workmanship and materials as outlined in preceding paragraph.

9. SHOP DRAWINGS

9.1 Contractor shall provide Engineer with drawings, data and information regarding materials or equipment specified, or as may be called for by Engineer, for its review, within a reasonable time after award of contract. After review, Engineer shall return to Contractor one copy within a reasonable time after receipt.

9.1.1 Submit 5 copies of all shop drawing submittals.

9.2 Fabrication and shipment of materials or equipment prior to Engineer's review of drawings, data and information mentioned above shall be at Contractor's risk.

10. THE ENGINEER

10.1 Engineer shall make general observation of work as agent of Owner. Engineer's general observation shall not be construed that it shall direct or control operations of Contractor.

11. PLANS AND SPECIFICATIONS

11.1 Engineer shall provide Contractor with 5 sets of plans and specifications after execution of contract. Plans and specifications are to be in accordance with latest edition of SUDAS unless modified by these plans and specifications or the City's published exceptions. If additional plans and specifications are required, Contractor shall compensate Engineer for costs of printing.

11.2 Engineer shall provide Contractor with additional and supplemental plans as may be required to show details of construction after approval of manufacturers' drawings and data on materials and equipment.

11.3 Engineer will provide Contractor with such revised plans and specifications as may be required to show any authorized changes or extra work.

12. INTERPRETATION OF PLANS AND SPECIFICATIONS

12.1 Plans and specifications shall be interpreted by Engineer. Its decision shall be final and binding on all parties concerned.

12.2 Contractor will not be allowed to take advantage of errors or omissions in plans and specifications. Engineer will provide full instructions when errors or omissions are discovered.

13. DECISIONS BY ENGINEER

13.1 Engineer shall make decisions, in writing, on claims between Contractor and Owner within a reasonable time after presentation. Such decisions shall be regarded as final except for appropriate legal recourse.

14. WORKMANSHIP AND MATERIALS

- 14.1 All work done and all materials and equipment furnished by Contractor shall conform to plans and specifications. Competent labor and tradesmen shall be used on all work. Experienced manufacturers' representatives shall be used to supervise installation of equipment.
- 14.2 In absence of detailed specifications in other sections, all materials shall conform to standards of American Society for Testing Materials.
- 14.3 Wherever items of materials or equipment are specified by a manufacturer's name and type, or equal, it is the intent that materials or equipment of other manufacturers, equal in quality and performance, may be substituted. Such substitution may be made only with written authorization of Engineer.
- 14.4 Wherever items of materials or equipment are specified by a manufacturer's name and type, or equal, and additional features of items are specifically required by specifications, additional features specified shall be provided whether or not they are normally included in standard manufacturer's items listed.
- 14.5 Wherever items of materials or equipment are specified by a manufacturer's name and type, or equal, and specified items are or become obsolete and no longer available, Contractor shall provide acceptable equal items which are currently available at no change in contract price.
- 14.6 When proposing "or equal" items or substitutions, Contractor shall furnish general arrangement drawings, full descriptive data, manufacturer's specifications and such performance data as required to satisfy Engineer that materials or equipment proposed are equal to that specified. Burden of proof of equality shall be responsibility of Contractor.
- 14.7 Whenever items of materials or equipment are specified by a manufacturer's name and type and "or equal" is not listed, Contractor shall provide specified equipment without substitution, unless prior approval of Engineer is obtained for any substitution.
- 14.8 Contractor shall abide by Engineer's decision when proposed substitutes of material or equipment are deemed to be unacceptable and in such an event Contractor shall furnish items of equipment or materials specified.
- 14.9 Engineer reserves right to consider such factors as overall project arrangement, overall project cost, and similar factors in determining whether proposed substitutions will be acceptable.

15. ON-SITE REVIEW OR OBSERVATION

- 15.1 All materials used and all work done by Contractor shall be subject at all times to review, observation, tests and approval by Engineer. Contractor shall furnish samples of materials for observation and tests as requested by Engineer. Contractor shall furnish any information required concerning nature or source of any proposed materials or equipment.
- 15.2 Construction, fabrication and manufacture of equipment or materials specified herein may be observed by Engineer at plant or factory.
- 15.3 Materials, equipment or work which do not satisfactorily meet specifications may be condemned by Engineer by written notice to Contractor. Condemned materials, equipment or work shall be promptly removed and replaced.
- 15.4 Defective materials, equipment or work may be rejected by Engineer at any time prior to final acceptance by Owner even though said defective items may have been previously overlooked.

16. RESIDENT ENGINEER AND/OR ENGINEER TECHNICIANS

- 16.1 Resident engineer and/or engineer technicians may be appointed by Engineer or Owner to ensure that work is performed in accordance with plans and specifications.
- 16.2 Resident engineer and/or engineer technicians shall have authority to notify Contractor in writing of work which is not being properly performed. Contractor shall be liable for any work determined by Engineer as not being properly performed.
- 16.3 Resident engineer and/or engineer technicians shall have no authority to permit deviation from plans and specifications and Contractor shall be liable for any deviations made without written order from Engineer.

17. TESTS

- 17.1 Tests shall be performed by Contractor upon materials and equipment specified, to determine if the materials and equipment meet requirements of specifications, conditions of operation and guarantees of Contractor. All material testing for project is incidental to respective pay items/construction.
- 17.2 Equipment shall be subject to factory tests specified herein. Certified evidence of tests shall be furnished when requested by Engineer.
- 17.3 Tests shall be made in accordance with standards of American Society of Mechanical Engineers, Institute of Electrical and Electronic Engineers, American Society for Testing Materials, and other recognized standards.

18. TIME

18.1 Contractor shall commence work within time specified and shall complete work within time specified in contract.

19. DELAYS

19.1 Delays caused by injunction or legal actions, damages by elements, or other causes beyond control of Contractor (of which Owner shall be sole judge) shall entitle Contractor to a reasonable extension of time within which to complete work.

19.2 Application for extension of time shall be made to Owner by Contractor and shall state reasons for request for extension of time.

19.3 No extension of time shall be valid unless made in writing by Owner.

19.4 Normal weather conditions shall not form the basis of request for extension of time. Abnormal weather conditions shall form basis of request for extension of time only to the delay in excess of that resulting from normal weather conditions.

20. CHANGES

20.1 Engineer shall have the right to make changes in location and quantities of work as may be deemed advisable with consent of Owner and without notice to sureties on Contractor's bond.

20.2 No change shall be made under this paragraph which will increase or decrease total contract amount more than twenty percent (20%) of original contract price and no changes shall be made in plan of improvement that would necessitate additional or different construction processes and equipment.

20.3 Amount due Contractor shall be adjusted for changes in following manner:

20.3.1 Where unit prices have been bid, these unit prices shall be used to compute adjustment in compensation.

20.3.2 Where no such unit prices have been bid, Engineer and Contractor shall negotiate a reasonable adjustment in Contractor's compensation. Limitations on compensation in 21.2 of "21. EXTRA WORK" shall apply to changes where compensation is negotiated.

20.3.3 No changes shall be authorized unless they are shown on revised plans or in written instructions of Engineer.

20.3.4 Authorized changes which require additional time to complete shall entitle Contractor to proportionate extension of time to completion which shall be determined by Engineer.

21. EXTRA WORK

- 21.1 Required extra work not specified under this contract shall be done at an agreed price satisfactory to Contractor and Owner, or on basis of actual cost of work plus not more than fifteen percent (15%) for Contractor's overhead and profit. Actual cost shall include expense for equipment, materials, and labor and shall include no overhead items or profit. Where extra work is done by a subcontractor, with approval of Owner, there may be included in Contractor's actual cost, ten percent (10%) for subcontractor's profit.
- 21.2 The term "extra work" as used herein shall not be construed to apply to changes described in "20. CHANGES".
- 21.3 No compensation shall be allowed Contractor for extra work unless such work has been authorized in writing by Engineer and approved by Owner.
- 21.4 Contractor shall submit a statement of costs to Engineer for approval when extra work is performed on an actual cost plus basis. After such a statement is approved, Engineer shall certify its correctness to Owner.

22. OWNERSHIP OF MATERIALS

- 22.1 All materials and work covered by partial payments shall become sole property of Owner, but this provision shall not be construed as relieving Contractor from sole responsibility for all materials and work for which payments have been made, for restoration of damaged work, or as a waiver of rights of Owner to require fulfillment of all terms of contract.

23. OTHER CONTRACTS

- 23.1 Owner reserves right to let other contracts in connection with this work. Contractor shall afford other contractors reasonable opportunity for introduction and storage of their materials and execution of their work, and shall properly connect and coordinate its work with theirs.
- 23.2 When proper execution of Contractor's work depends upon work of another contractor, it shall inspect other work and report any defects to Engineer. Contractor's failure to inspect and report shall constitute an acceptance of other contractor's work except for defects which may develop in work after completion.
- 23.3 To ensure proper execution of its subsequent work, Contractor shall measure work already in place and shall at once report to the Engineer any discrepancy between the executed work and drawings.

24. OWNER'S RIGHT TO DO WORK

24.1 If Contractor neglects to prosecute work properly or fails to perform any provision of this contract, Owner, after three (3) days' written notice to Contractor, may, without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor, provided, however, that Engineer shall approve both such action and amount charged to Contractor.

25. OWNER'S RIGHT TO TERMINATE CONTRACT

25.1 Owner, upon certification of Engineer that there is sufficient cause to justify termination of contract, may, without prejudice to any other right or remedy, and after giving Contractor seven (7) days' notice may terminate employment of Contractor for any of following reasons:

25.1.1 Contractor makes a general assignment for benefit of its creditors, or if adjudged a bankrupt.

25.1.2 Receiver is appointed on account of Contractor's insolvency.

25.1.3 Contractor persistently or repeatedly fails or refuses, except when extension of time to complete is granted, to provide enough skilled workmen or proper materials.

25.1.4 Contractor fails to make prompt payment to subcontractors for material or labor.

25.1.5 Contractor persistently disregards laws and ordinances or instructions of Engineer.

25.1.6 Contractor violates a provision of contract.

25.2 If Owner terminates employment of Contractor, it shall take possession of premises and all materials, tools and appliances thereon. It shall finish work by whatever method it may deem expedient. In such case Contractor shall not be entitled to receive any further payment until work is finished.

25.3 If unpaid balance of contract price exceeds expense of finishing the work including compensation for additional managerial and administrative services, excess shall be paid to Contractor. If expense exceeds unpaid balance, Contractor shall pay difference to Owner. Expense incurred by Owner as herein provided, and damage incurred through Contractor's default, shall be certified by Engineer.

26. CONTRACTOR'S RIGHT TO STOP WORK OR TERMINATE CONTRACT

26.1 If Engineer fails to issue any certificate for payment within fifteen (15) days after it is due, or if Owner fails to pay to Contractor within thirty (30) days of its maturity and presentation, any sum certified by Engineer, then Contractor may, upon seven (7) days simultaneous written notice to Owner and Engineer, stop work or terminate this contract. If Contractor elects to stop work by written notice, work shall be resumed promptly upon payment by Owner. If Contractor elects to terminate this contract by written notice it shall recover from Owner payment for all work executed to date of notice and any loss sustained upon any plant or materials plus a reasonable profit.

27. PAYMENTS WITHHELD

27.1 Engineer may withhold or nullify the whole or a part of payment certificate, on account of subsequently discovered evidence, to such extent as may be necessary to protect Owner from loss on account of:

27.1.1 Defective work not remedied.

27.1.2 Claims filed or reasonable evidence indicating probable filing of claims.

27.1.3 Failure of Contractor to make payments properly to subcontractors or for materials or labor.

27.1.4 A reasonable doubt that contract can be completed for balance then unpaid.

27.1.5 Damage to another contractor.

27.1.6 Claims of Owner for liquidated damages.

27.2 Payments shall be made for amounts withheld when above grounds are removed.

28. ACCEPTANCE AND FINAL PAYMENT

28.1 When work has been satisfactorily completed, Engineer will certify Contractor's final estimate stating that work has been completed in accordance with terms and conditions thereof with qualifications, if any, as stated. Balance found to be due Contractor according to the terms of payment shall be paid by Owner as provided in contract, provided, however, that any state laws which designate manner of final payment shall be followed in lieu of manner of final payment outlined above.

28.2 Making and acceptance of final payment shall constitute a waiver of all claims by Owner, except those arising from unsettled liens, from faulty work or materials appearing after final payment or from requirements of the specifications, and of all claims by Contractor, except those previously made and still unsettled.

29. SUSPENSION OF WORK

- 29.1 Owner may suspend the work, or any part thereof, at any time, by giving ten (10) days' written notice to Contractor. The work shall be resumed by Contractor within ten (10) days after date fixed in written notice from Owner to Contractor to do so.
- 29.2 If work, or any part thereof, shall be suspended and if Owner does not give written notice to Contractor to resume work within one (1) year of date of suspension, Contractor may abandon suspended portion of work. Contractor will be entitled to estimates and payments for all work done on the portions so abandoned, if any.

30. CLEANING UP

- 30.1 Contractor shall keep premises free from accumulations of waste material or rubbish caused by its employees or work. After completion of work it shall remove all its rubbish and all its tools, scaffolding and surplus materials from work site. It shall leave its work "broom clean" or its equivalent, unless more exactly specified. In case of dispute the Owner may remove rubbish and charge costs to Contractor as Engineer shall determine to be just.

31. HAZARDOUS MATERIALS

- 31.1 The use of Asbestos Construction Building Materials (ACBM) is specifically prohibited. The Contractor, suppliers, and subcontractors shall warrant that all products used are asbestos free. In the event that a specified product contains asbestos, it shall be the responsibility of the Contractor to notify the Owner so that an appropriate substitution can be made in a timely manner so as not to delay the project.
- 31.2 The Contractor shall provide the Owner a certificate that warrants that no materials, products, items or equipment contains any asbestos upon completion of the work of this Contract. If asbestos is found to exist in any of the materials, products, items or equipment provided as part of this Contract, the Contractor shall be financially responsible for all costs resulting from removal in accordance with an Owner approved method and replacement of an asbestos free condition to finished drawings and specifications. The financial responsibility of the Contractor shall not terminate with the end of the surety maintenance bond period, but shall continue through the life of the facility.

32. IOWA HAZARDOUS CHEMICAL RISKS RIGHT-TO-KNOW LAW

- 32.1 Owner's responsibility:
- 32.1.1 Owner shall provide to the Contractor a list of known hazardous chemicals within the project site to which their employees may be exposed and suggestions for appropriate protective measures.

32.2 Contractor's responsibility:

- 32.2.1 Contractor shall inform his/her employees of the Iowa Hazardous Chemical Risks Right-to-Know Law.
- 32.2.2 Contractor shall provide to the Owner a list of known hazardous chemicals that they anticipate will be used on site as well as all pertinent information relating to employee protection. Contractor's Material Safety Data Sheets (MSDS) shall be available to Owner upon request.

SPECIAL CONDITIONS

2024 P.C.C. PANEL REPLACEMENTS LECLAIRE, IOWA

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1. INTENT

- A. To supplement the provisions of the GENERAL CONDITIONS by outlining special conditions applicable to project.

2. LOCATION

- A. Work is located on public right-of-way or in construction easements across private properties in the City of LeClaire, Iowa.

B. Transportation facilities:

1. 8th Street.
2. 35th Street.
3. Bridgeview Place.
4. Cobblestone Lane & Sand Stone Court.
5. Eagle Ridge Road.
6. Iowa Drive.
7. Stagecoach Trail.
8. U.S. 67 (Cody Road).
9. Wild West Drive.
10. Wisconsin Street.

3. RIGHT-OF-WAY

- A. Confine movements of equipment and personnel, storage of materials, excavation, spoil banks, and all other construction operations within City of LeClaire right-of-way and easements provided.

Special Conditions

- B. Contractor will be held liable by City and adjacent property owners for damages outside right-of-way and easements; failure of Engineer to warn Contractor about incidence of trespassing does not relieve liability.

4. ORDER OF CONSTRUCTION

- A. Provide Engineer with proposed schedule of construction showing dates of starting and completing various portions of work.
- B. Coordinate work with Owner and Engineer to assure orderly and expeditious progress of the work.
- C. Contractor shall establish schedule of working hours for construction, subject to approval of Engineer.
- D. Schedule construction to minimize use of street barricades and detours; clean up each portion of work as it is completed.
- E. Adequate protection shall be provided for pedestrians. If a section of sidewalk is closed, appropriate signing and barricading shall be utilized; signing and barricading shall remain in place until sidewalk is reopened for pedestrian use.
- F. Notify City a minimum of 48 hours prior to closing street.

5. INTERRUPTIONS TO SERVICE

- A. Existing utilities shall remain in substantially continuous operation during construction.

6. SERVICE FACILITIES

- A. Water, electricity, compressed air, and other services shall be furnished by Contractor to meet his own requirements.

7. STORAGE OF MATERIALS AND EQUIPMENT

- A. Limited storage space for materials and equipment will be available.
- B. Storage areas shall be subject to approval of Owner and Engineer.
- C. Store materials and equipment in manner which will preserve their quality and fitness.

8. CONSTRUCTION FACILITIES BY CONTRACTOR

- A. Provide telephone contact at which Contractor can be reached by Owner or Engineer at all times during the working day; provide liaison between telephone and construction personnel for expeditious handling of messages.
- B. Provide suitable storage buildings necessary for proper storage of materials and equipment.
- C. Location of all construction facilities, including project construction plant and yard, subject to approval by Engineer; remove all construction facilities upon completion of work.
- D. Provide and maintain suitable sanitary facilities for construction personnel for duration of work; remove upon completion of work.
- E. Provide fence, barricades, and/or watchmen to prevent access of unauthorized persons to site where work is in progress.
- F. Provide telephone number(s) at which responsible representative of Contractor can be contacted evenings, weekends, and holidays in event of emergency.

9. INSURANCE BY CONTRACTOR

- A. Provide and maintain insurance throughout construction period in the following minimum amounts:
 - 1. Workmen's compensation and occupational disease insurance in accordance with laws of the State of Iowa covering all employees who perform any obligations assumed under the contract.
 - 2. Public liability and property damage liability insurance covering all operations under the contract; limits of bodily injury or death not less than \$500,000 for one person and \$1,000,000 for each accident; for property damage, not less than \$250,000 for each accident and \$500,000 aggregate for accidents during the policy period.
 - 3. Automobile liability insurance on all self-propelled vehicles used in connection with the contract, whether owned, non-owned, or hired; public liability limits of not less than \$500,000 for one person and \$1,000,000 for each accident; property damage limit of \$500,000 for each accident.

Special Conditions

- B. Owner shall have right at any time to require public liability insurance and property damage liability insurance greater than required in above paragraphs. Additional premiums payable solely as result of such additional insurance shall be added to bid price.
- C. Furnish certificates of insurance to Engineer made in favor of Owner showing compliance with foregoing requirements.
- D. Owner reserves the right to approve insurance company.
- E. Notification in event of liability or damage: upon the occurrence of any event, the liability for which is herein assumed, the Contractor agrees to forthwith notify the Owner, in writing, such happening, which notice shall forthwith give the details as to the happening, the cause as far as can be ascertained, the estimate of loss or damage done, the names of witnesses, if any, and stating the amount of any claim.

10. CONTRACTOR'S RESPONSIBILITY

- A. There shall be no liability upon public officials, Engineer, or his authorized assistants, either personally or as an official of the Owner, it being understood that in such matters he acts as an agent and representative of the Owner in carrying out any of the provisions of the contract or in exercising any power or authority granted him thereby.
- B. Contractor agrees to hold harmless and indemnify the Owner and Engineer and their employees or agents against any liability sustained by reason of the work or the handling or storing of materials therefor when such liability arises out of negligent acts, errors or omissions of the Contractor, its employees, or agents; failing to do so, any judgment against or settlements resulting therefrom shall become a lien against any funds due Contractor.
- C. In the event any provisions in the contract are violated by the Contractor or any of its subcontractors, the Owner may serve written notice upon the Contractor and its surety of their intention to terminate such contract. Such notice shall contain a statement of the reasons for such action and unless within 10 days after the serving of such notice upon the Contractor such violation shall cease and satisfactory arrangements for correcting be made, the contract shall, upon expiration of said 10 days cease and terminate.

Special Conditions

1. In the event of such termination, the Owner shall immediately serve notice thereof upon the surety and Contractor and the surety shall have the right to take over and perform the contract, provided, however, that if the surety does not commence the performance thereof within 30 days, the Owner may take over the work and prosecute the same to completion by contract for the account and at the expenses of the Contractor and the Contractor and its surety shall be liable to the Owner for any excess cost occasioned the Owner thereby; in such event, the Owner may take possession of and utilize such materials, appliances and plant as may be on the site of the project and necessary in completing the work.
 - D. If suit is brought by the Owner for the breach of any provisions of this contract, the Contractor agrees to pay all costs in connection with suit, including reasonable attorney fees, whether or not the suit proceeds to judgment.
11. POSITION, LINE AND GRADE
- A. Construct to line and grades shown on plans or as specified hereinafter.
 - B. Contractor to establish required benchmarks and control points.
 - C. Contractor shall perform detailed survey and staking for location, elevation, and grade of construction.
 - D. These conditions supersede conflicting provisions of GENERAL CONDITIONS.
 - E. Contract shall provide, without extra compensation, all men and necessary tools to make all test holes and exploration, at any time, for purpose of determining location of existing structures beneath ground surface which might conflict with work of Contractor.
 - F. Contractor shall preserve all monuments, reference points, stakes and benchmarks set by Engineer. In case of destruction by Contractor's negligence or carelessness, he will be charged with resulting expense of replacement, and responsibility for any mistakes or loss of time caused thereby.
12. EMPLOYMENT PRACTICES
- A. Contractor, or his subcontractors, shall not employ any person whose physical or mental condition is such that his employment will endanger the health and safety of himself, or others employed on the project.

13. PAYMENT ITEM DESCRIPTIONS

- A. Payment item descriptions that follow are numbered to correspond to base bid items in the Proposal.

Bid Item No. 1 – MOBILIZATION (LS)

1.1 This work includes the mobilization cost. This item shall include all labor, equipment, and material necessary for the Contractor to access the site as well as to operate and stage equipment necessary for successful completion of the project. Lump sum price includes cost of incidental items of construction including mobilization, insurance, bonds, and demobilization.

1.2 Payment for this item shall be made at the unit price bid per Lump Sum for MOBILIZATION.

Bid Item No. 2 – CONSTRUCTION LAYOUT (LS)

2.1 This item includes all costs for labor, equipment, and material to provide all construction staking and re-staking necessary for the complete construction of the project. Item also includes utility locates, necessary staking for utility, and **providing as-built plans** after completion of construction. Including sketches with dimensions of patches and additions/deletions/changes from contract shown in sketch form.

2.2 This work shall comply with SUDAS Section 11,010 and Iowa Department of Transportation (IADOT) Standard Specifications for Highway and Bridge Construction, latest edition and the “Manual on Uniform Traffic Control Devices” insofar as applicable and as specified herein.

2.3 The contractor shall be responsible for subcontracting with a professional licensed land surveying firm to provide layout stakes as required to construct project. Coordination with a City representative will be necessary to provide exact locations of pavement patching.

2.4 Payment for this item shall be made at the unit price bid per Lump Sum for CONSTRUCTION LAYOUT, which price will include all labor, materials, and equipment necessary to complete this item.

Bid Item No. 3 – TRAFFIC CONTROL AND PROTECTION (LS)

- 3.1 This work shall comply with Section 2528 of the IADOT Standard Specifications for Highway and Bridge Construction, latest edition and the “Manual on Uniform Traffic Control Devices” insofar as applicable and as specified herein.
- 3.2 Traffic control items shall be placed as needed to implement Contractor’s construction plan for pavement patching in areas as shown on Plan Drawings.
- 3.3 Contractor shall be required to furnish barricades, signs, flashers, and warning devices as required per IADOT Traffic Control Standard Plans and as appropriate for the particular construction operation. Such devices will be provided by the Contractor as necessary for the safety of the general public and workmen.
- 3.4 The Engineer may request additional signs, barricades, and other devices as required at no additional cost to the Owner.
- 3.5 Safety fencing shall be provided, installed, and maintained by the Contractor around the perimeter of any excavation left open during non-working hours.
- 3.6 The Contractor shall maintain traffic through pavement patching areas with appropriate detour methods and signage during construction. Contractor to produce traffic plan, fill out forms, obtain any necessary permits and permissions. Access to local businesses and residents must be maintained at all times as well. Pedestrian walkway rerouting, signage and barricades are incidental to this item.
- 3.7 The price bid will include all labor, materials, and equipment necessary to complete this item. Payment for this item shall be made at the unit price bid per Lump Sum for TRAFFIC CONTROL AND PROTECTION and shall be paid incrementally based on the percentage of completion of the total project.

Bid Item No. 4 - EROSION CONTROL (LS)

- 4.1 This item shall include costs for materials, equipment, and labor to implement an effective erosion control in accordance with best management practices, maintaining controls, inspecting site and controls, and miscellaneous associated work. This item also includes rolled erosion protection, necessary silt fence and/or waddles, and any other sediment control perimeter devices including maintenance and removal. The Contractor shall prevent dirt, debris, and roadway materials from entering the storm sewer system. Site cleanup including, but not limited to, roadway, sidewalk and yards shall be performed at the end of construction.

Special Conditions

4.2 Payment for this item shall be made at the unit price bid per Lump Sum for EROSION CONTROL.

Bid Item No. 5 – SEEDING, FERTILIZING AND MULCHING FOR HYDRAULIC SEEDING (SY)

5.1 This work shall comply with SUDAS Section 9010 and Section 2601.03 of the IADOT Standard Specifications for Highway and Bridge Construction, insofar as applicable and as specified herein.

5.2 Hydraulically applied seed shall be a Type 1, Permanent Lawn Mixture. Hydraulically applied mulch shall be a Bonded Fiber Matrix.

5.3 Normal permanent seed application dates are March 1st through May 31st and August 10th through September 30th.

5.4 Work shall include removal of rock and other undesirable debris from the areas to be seeded, repairing rills and washes, preparing the seedbed, furnishing, and placing the seed, and furnishing water and other care as necessary to establish growth.

5.5 A minimum of 4" of topsoil shall be placed in areas to be seeded and is included in this bid item.

5.6 Miscellaneous erosion control features as indicated on the plans or as directed by the engineer, per supplemental specification on EROSION CONTROL, shall be considered incidental to this pay item.

5.7 Any additional seeding required due to construction operations or contractor storage outside of the grading and construction limits will not be paid for and shall be considered incidental.

5.8 Measurement and payment for this item shall be made at the unit price bid per Square Yard of SEEDING, FERTILIZING AND MULCHING FOR HYDRAULIC SEEDING, which price will include all labor, materials, and equipment necessary to complete this item.

Bid Item No. 6 – PAVEMENT REMOVAL (SY)

6.1 This work shall comply with SUDAS Section 7040 and Division 25 of the IADOT Standard Specifications for Highway and Bridge Construction, latest edition, insofar as applicable and as specified herein.

Special Conditions

- 6.2 This work shall include the removal and disposal of street pavement, curb/gutter, and driveway pavement. No additional compensation will be allowed for any variations in pavement/driveway/bike path thickness or material types encountered during construction.
- 6.3 Removal and disposal of all materials including, but not limited to, HMA, Portland Cement Concrete (PCC), reinforcement, composite sections, bricks, etc. are included within this pay item regardless of thickness. Saw cutting is incidental to this pay item.
- 6.4 Measurement and payment for this item shall be made at the unit price bid per Square Yard of PAVEMENT REMOVAL, which price shall include all labor, materials, and equipment necessary to complete this item.

Bid Item No. 7 – PCC PAVEMENT PATCHING, 8” THICK (INTEGRAL CURB AND GUTTER) (SY)

- 7.1 Work under this item will be in accordance with SUDAS Section 7010 and Section 2301 of the IADOT Standard Specifications for Highway and Bridge Construction, latest edition, insofar as applicable and as specified herein.
- 7.2 The Contractor shall use an IADOT C-4WR mix on all PCC pavement and IADOT/SUDAS jointing standards. A Class 3 Aggregate durability shall be used. Concrete mix design shall have a compressive strength of 3500 psi at 14 days and 4000 psi at 28 days.
- 7.3 Granular subbase, whether dense graded or drainable, will be paid for separately. Curing will be with white pigmented liquid curing compound. The final finish will be secured by using a broom finish for hand pours or an artificial turf drag for paving operations. Maximum transverse joint spacing shall be 15 feet. CD joints (utilizing dowels) required for transverse joints. All jointing, tie bars, dowels, saw cuts, forming, preformed expansion joint fillers, sealant and curing shall be considered incidental to this bid item. Integral curb and gutter is included in this pavement pay item.
- 7.4 The Contractor shall provide concrete air and slump testing, which is included in the unit price. Contractor also responsible for cylinders for strength and lab testing. Work shall be in accordance with the latest edition of SUDAS Section 7010 and Section 2301 of the IADOT Standard Specifications and material I.M.'s. See Plan Sheet A.2 – Quantity, Notes & Legend for slump testing range, air content range, number of cylinders needed, and sampling frequency.
- 7.5 Measurement and payment for this item shall be made at the unit price bid per Square Yard of PCC PAVEMENT PATCHING, 8” THICK (INTEGRAL CURB AND GUTTER), which price shall include all labor, materials, testing and equipment necessary to complete this item.

Bid Item No. 8 – 8” DENSE GRADED SUBBASE, IDOT GRAD. NO. 11 (SY)

- 8.1 This work shall comply with SUDAS Section 2010, and Section 2111 of the IADOT Standard Specifications for Highway and Bridge Construction, latest edition, insofar as applicable and as specified herein. Subbase is to be used under roadway pavements and integral curb and gutter, and minimum 1.0 ft. behind back of curb in areas disturbed adjacent to roadways.
- 8.2 The granular subbase will conform to IADOT Standard Specifications, Section 4121, Grad. No. 11, Class A Crushed Stone. A minimum 8” subbase shall be used under all patching. Subbase under integral curb and gutter shall be placed at 8” thick and shall extend minimum 1.0 ft. behind back of curb.
- 8.3 Removal of existing subbase/subgrade beneath removed pavement, disposal and compaction is incidental to this item. Compaction requirements and testing shall adhere to the latest Iowa SUDAS (Section 2010) and IADOT Standard Specifications (Section 2111) and Material I.M.’s. Compaction testing shall be the responsibility of the contractor and is incidental to pay item.
- 8.4 Measurement and payment for this item shall be made at the unit price bid per Square Yard of 8” DENSE GRADED SUBBASE, IDOT GRAD. NO. 11, furnished and placed, which price shall include all labor, materials, compaction, testing and equipment necessary to complete this item.

Bid Item No. 9 – SUBGRADE STABILIZATION MATERIAL (CY)

- 9.1 This item shall include all labor, material, and equipment required for the excavation and disposal of all displacement excavation, **subgrade compaction**, and to furnish, place, and compact a crushed stone base in 6-inch lifts as foundation support below the subbase under PCC pavement, integral curb and gutter, driveways, and sidewalks, where it is determined that the subgrade is not acceptable in accordance with SUDAS Section 2010, and IADOT Specifications for Highway and Bridge Construction, latest edition, insofar as applicable and as specified herein. The material shall be Class A crushed stone conforming to IADOT Standard Specifications, Section 4120.04, Class A Crushed Stone, Grad. No. 11 and/or IDOT Macadam Stone, Gradation 13. The *actual* required depth shall be as determined by the Engineer during construction.
- 9.2 Measurement and payment for this item shall be made at the unit price bid per Cubic Yard for SUBGRADE STABILIZATION MATERIAL as delivered, placed, compacted, and applied to the pavement support material.

PLANS LIST

2024 P.C.C. PANEL REPLACEMENTS
LECLAIRE, IOWA

1. PLANS

- A. The work shall conform to the following drawings, Iowa SUDAS and IADOT Standard Road Plans which constitute the "plans" and are an integral part of the Contract Documents.

<u>Title</u>	<u>Drawing Number</u>
Title & Index	A.1
Quantity, Notes & Legend	A.2
Schedule Of Quantities	A.3
Typical Sections	B.1
Details – Jointing	B.2 – B.3
Details – Patching & Pavement	B.4
Patching Plan – Sand Stone Ct & Cobblestone Ln	C.1
Patching Plan – Wild West Drive	C.2
Patching Plan – Wisconsin St & Cody Rd S.E. Curblin	C.3
Patching Plan – Stagecoach Trail	C.4
Patching Plan – Iowa Drive & Falcon Drive	C.5
Patching Plan – 800 Block Eagle Ridge Rd	C.6
Patching Plan – Bridgeview Pl & Stagecoach Trail	C.7

**2024 PCC PANEL REPLACEMENT
ENGINEER'S COST ESTIMATE
CITY OF LECLAIRE, IOWA**

2024 PCC PANEL REPLACEMENT ENGINEER'S ESTIMATE					
CITY OF LECLAIRE, IOWA					
<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
1	Mobilization	LS	1	\$ 5,000.00	\$ 5,000.00
2	Construction Layout	LS	1	\$ 5,000.00	\$ 5,000.00
3	Traffic Control and Protection	LS	1	\$ 3,000.00	\$ 3,000.00
4	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00
5	Seeding, Fertilizing and Mulching for Hydraulic Seeding	SY	44.0	\$ 25.00	\$ 1,100.00
6	Pavement Removal	SY	347.3	\$ 20.00	\$ 6,946.00
7	PCC Pavement Patching, 8" Thick (Integral Curb)	SY	347.3	\$ 100.00	\$ 34,730.00
8	8" Dense Graded Subbase, IDOT Grad. No. 11	SY	369.8	\$ 15.00	\$ 5,547.00
9	Subgrade Stabilization Material	CY	44.0	\$ 50.00	\$ 2,200.00
Base Bid Sub-Total					\$ 65,523.00
Contingency (15%)					\$ 9,828.45
CONSTRUCTION TOTAL					\$ 75,351.45