

AGENDA
AMENDED

1. Call to order
2. Pledge of Allegiance
3. Roll call
4. Approval of the June 24, 2015 agenda.
5. Approval of the Consent Agenda – All items listed under the consent agenda will be enacted by one motion. There will be no separate discussion of these items unless a request is made prior to the time Council votes on the motion.
 - a. Resolution 5830 authorizing payment of bills and transfers.
6. Public Hearing-Norma Avenue Extension Project.
7. Resolution 5831 approving final plans, specifications, and form of contract; accepting low bid and authorizing Mayor to sign contract.
8. Request from Public Works Director to repair a section of Gilbert Drive between Jones Road and Fox Avenue in the amount of \$3042.00.
8. Discussion
9. Adjournment

RESOLUTION 5830

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EVANSDALE, IOWA, THAT
THE FOLLOWING BILLS BE PAID AND THE TRANSFERS ARE HEREBY ALLOWED.**

ASPRO	RU-COLD PATCH	1,119.15
B & B BUILDERS & SUPPLY	RU-REPAIR LAFAYETTE PANELS	7,560.00
BH WASTE DISPOSAL	MAY 2015 RECYCLE FEES	2,101.80
	MAY 2015 GARBAGE FEES	15,356.70
	TOTAL	17,458.50
CITY OF CEDAR FALLS	SW-CONTRACTOR BROCHURES	80.00
CITY OF WATERLOO	RU-ST LIGHT MAINT 04/01-06	630.00
COURIER	PY-NORMA AVE EXT BID LETTING	85.83
	PY-ORD 640	22.53
	PY-BOA PH-VARIANCE REQUEST	12.19
	PY-PARK BOARD VACANCY	15.01
	PY-06/02/15 MINUTES/BILLS	102.71
	TOTAL	238.27
GOODYEAR	RU-2 MOWER TIRES	91.45
LOCKSPERTS, INC.	RU-LOCKS	192.70
POWERPLAN	RU-FILTERS FOR 544K LOADER	276.68
RITEPRICE OFFICE SUPPLY	PY-HIGHLIGHTERS/MARKERS	24.48
U.S. CELLULAR	BI-MAY 2015 CELL	63.35
	PK-MAY 2015 CELL	16.81
	RU-MAY 2015 CELL	162.91
	EWV-MAY 2015 CELL	75.81
	SR-MAY 2015 CELL	75.17
	TOTAL	394.05
	001 GENERAL FUND	342.91
	005 STREETS	8,190.00
	110 ROAD USE TAX	1,842.89
	610 SEWER FUND	75.17
	670 LANDFILL/GARBAGE	17,458.50
	740 STORM WATER	80.00
	GRAND TOTAL:	27,989.47

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF EVANSDALE, IOWA,
ON THIS 24TH DAY OF JUNE 2015.**

ATTEST:

Doug Faas, Mayor

DeAnne Kobliska, City Clerk

RESOLUTION 5831

A RESOLUTION OF THE EVANSDALE CITY COUNCIL OF THE CITY OF EVANSDALE, IOWA APPROVING FINAL PLANS, SPECIFICATIONS, AND FORM OF CONTRACT CONCERNING THE NORMA AVENUE EXTENSION PROJECT AND ACCEPTING THE LOW BID OF PETERSON CONTRACTORS, INC. FOR THE PROJECT.

WHEREAS, the City Council of the City of Evansdale, this project includes grading, removal of concrete pavement and structures, placement of subbase, intake and storm sewer, and placement of PCC curb and gutter and pavement between Knudson Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed; and

WHEREAS, a public hearing to receive comments from the public for or against the said project, was held at a regular city council meeting on June 24, 2015; and

WHEREAS, sealed bids were accepted, reviewed, and tabulated by a representative of Shoff Consulting Engineers, LC on behalf of the City for the Norma Avenue Extension Project; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Evansdale, Iowa approves the final plans, specifications, and form of contract for said bridge project.

BE IT FURTHER RESOLVED that the City Council of the City of Evansdale accepts the low bid of Peterson Contractors, Inc. in the amount of \$202,285.00 with alternate 1 & 2 not to exceed \$23,616.00 if needed, and award said contract.

BE IT FURTHER RESOLVED, that the City Council of the City of Evansdale authorizes the Mayor, on behalf of the City of Evansdale, to sign a contract between the City and Peterson Contractors, Inc., subject to contractor providing acceptable Performance Bond, Payment and Maintenance Bonds.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF EVANSDALE, IOWA THIS 24TH DAY OF JUNE 2015.

ATTEST:

Doug Faas, Mayor

DeAnne Kobliska, City Clerk

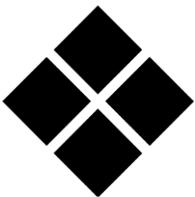
Project Manual

NORMA AVENUE EXTENSION

EVANSDALE, IOWA

JUNE 2015

CITY OF EVANSDALE, IOWA



SHOFF CONSULTING ENGINEERS, LC, Cedar Falls, Iowa

- Civil • Environmental • Wastewater • Municipal • Water •
- Industrial • Structural • Construction Management • Transportation •
- Electrical • Land Surveying • Land Development • Insurance Claim Investigation •

NORMA AVENUE EXTENSION

EVANSDALE, IOWA

JUNE 2015

CITY OF EVANSDALE, IOWA



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

(Date)

JERRY L. SHOFF, P.E., L.S. IOWA REG. NO. 9671

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL:

PROJECT MANUAL
FOR
NORMA AVENUE EXTENSION
EVANSDALE, IOWA

June 2015

GENERAL TABLE OF CONTENTS

	<u>PAGE NO.</u>
ENGINEER'S CERTIFICATION	00005-1
TABLE OF CONTENTS	00010-1
INDEX OF SHEETS	00015-1
NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING	00100-1 to 00100-2
INSTRUCTIONS TO BIDDERS	00200-1 to 00200-2
PROPOSAL	00400-1 to 00400-8
BID BOND	00430-1 to 00430-2
CONTRACT	00500-1 to 00500-3
NOTICE OF AWARD	00510-1 to 00510-2
NOTICE TO PROCEED	00550-1
PERFORMANCE AND PAYMENT BOND	00600-1 to 00600-4
DIVISION 1: GENERAL PROVISIONS AND COVENANTS	(SUDAS WEBSITE)
http://www.iowasudas.org/manuals/manual.cfm?manual=specifications	

NORMA AVENUE EXTENSION

Evansdale, Iowa

INDEX OF SHEETS

Drawing	Description
<i>A-01</i>	<i>Title Sheet</i>
<i>B-01</i>	<i>General Notes</i>
<i>B-02</i>	<i>Estimated Quantities</i>
<i>B-03</i>	<i>Estimate Reference</i>
<i>B-04</i>	<i>SWPPP Notes</i>
<i>B-05</i>	<i>Post Grading SWPPP</i>
<i>C-01</i>	<i>Tabulations</i>
<i>C-02</i>	<i>Storm and Sanitary Tabulations</i>
<i>P-01</i>	<i>Norma Ave. 10+00.00 to 14+50.00</i>
<i>P-02</i>	<i>Norma Ave. 14+50.00 to 17+00</i>
<i>P-03</i>	<i>Dubuque Road Water Main P&P</i>
<i>R-01</i>	<i>Typical Pavement Section</i>
<i>R-02</i>	<i>Typical Details</i>
<i>R-03</i>	<i>Intersection Details</i>
<i>R-04</i>	<i>Storm Box Top Detail</i>
<i>X-01</i>	<i>10+00 – 10+75</i>
<i>X-02</i>	<i>11+00 – 11+50</i>
<i>X-03</i>	<i>11+75 – 12+50</i>
<i>X-04</i>	<i>12+75 – 13+50</i>
<i>X-05</i>	<i>13+75 – 14+50</i>
<i>X-06</i>	<i>14+75 – 15+39.62</i>

**NOTICE TO BIDDERS AND
NOTICE OF PUBLIC HEARING**

JURISDICTION OF City of Evansdale PUBLIC IMPROVEMENT PROJECT

Sealed bids for the work comprising each improvement as stated below must be filed before 3:00 P.M. according to the clock in the office of the City Clerk on Friday, June 19, 2015, in the office of the City Clerk, City Hall, 123 N. Evans Road, Iowa 50707. Bids received after the deadline for submission of bids as stated herein shall not be considered and shall be returned to the late bidder unopened.

Sealed proposals will be opened and bids tabulated at **3:00 P.M. on Friday, June 19, 2015**, in the City Council Chambers, City Hall, Evansdale, Iowa for consideration by the Evansdale City Council at a special meeting on **Wednesday, June 24, 2015, at 4:30 P.M.**, at which time a public hearing will be held by the City of Evansdale, Iowa, on the proposed contract documents (plans, specifications, and form of contract) and estimated cost for the improvement.

The Successful Bidder is expected to enter into a contract with the owner within ten (10) days of award by the Evansdale City Council.

You are notified that the Contract Work under the above contract may commence at your discretion (in consultation with the owner), after receipt of the signed contract. The mandatory start date is **Monday, July 13, 2015**. In any case, and in accordance with the Agreement, the date of **Substantial Completion** is on or before **Wednesday, September 30, 2015**, and the date of readiness for final payment is on or before **Friday, October 16, 2015**.

Copies of the contract documents are available from the office of the City Clerk, City Hall, Evansdale, Iowa, and at the office of Shoff Consulting Engineers, LC, 5106 Nordic Drive, Cedar Falls, Iowa 50613. Electronic or paper copies may be obtained from Shoff Consulting Engineers, Telephone 319-266-0258, fax 319-266-1515, or e-mail, bkirkevold@shoffengineering.com.

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

In accordance with Iowa statutes, a resident bidder shall be allowed a preference as against a nonresident bidder from a state or foreign country if that state or foreign country gives or requires any preference to bidders from that state or foreign country, including but not limited to any preference to bidders, the imposition of any type of labor force preference, or any other form of preferential treatment to bidders or laborers from that state or foreign country. The preference allowed shall be equal to the preference given or required by the state or foreign country in which the nonresident bidder is a resident. In the instance of a resident labor force preference, a nonresident bidder shall apply the same resident labor force preference to a public improvement in this state as would be required in the construction of a public improvement by the state or foreign country in which the nonresident bidder is a resident.

General Nature of the Public Improvement

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

Each bidder shall accompany its bid with bid security as defined in Iowa Code Section 26.8, as security that the successful bidder will enter into a contract for the work bid upon and will furnish after the award of contract a corporate surety bond, in a form acceptable to the Jurisdiction, for the faithful performance of the contract, in an amount equal to 100% of the amount of the contract. The bidder's security shall be in the amount fixed in the Instruction to Bidders and shall be in the form of a cashier's check or a certified check drawn on an FDIC insured bank in Iowa or on an FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States; or a bid bond on the form provided in the contract documents with corporate surety satisfactory to the Jurisdiction. The bid shall contain no condition except as provided in the specifications.

The City of Evansdale reserves the right to defer acceptance of any bid for a period of sixty (60) calendar days after receipt of bids and no bid may be withdrawn during this period.

Each successful bidder will be required to furnish a corporate surety bond (00600-10 to 00600-4) in an amount equal to 100% of its contract price. Said bond shall be issued by a responsible surety approved by the City of Evansdale and shall guarantee the faithful performance of the contract and the terms and conditions therein contained and shall guarantee the prompt payment of all material and labor, and protect and save harmless City of Evansdale from claims and damages of any kind caused by the operations of the contract and shall also guarantee the maintenance of the improvement caused by failures in materials and construction for a period of one year from and after final acceptance of the completed contract improvements.

The City of Evansdale, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Contractor shall substantially complete the project by Wednesday, September 30, 2015. Should the contractor fail to complete the work in this time frame, liquidated damages of Two Hundred dollars (\$200.00) per calendar day will be assessed for work not completed within the designated contract term.

The City of Evansdale does hereby reserve the right to reject any or all bids, to waive informalities, or to enter into such contract, or contracts, as it shall deem to be in the best interest of the jurisdiction.

This Notice is given by authority of the City of Evansdale

By:

The Honorable Doug Faas,
Mayor of the City of Evansdale, Iowa

DeAnne Kobliska, City Clerk

Published in the Waterloo-Cedar Falls Courier

INSTRUCTIONS TO BIDDERS

Norma Avenue Extension **City of Evansdale, Iowa**

The work comprising the above referenced project shall be constructed in accordance with the 2014 edition of the SUDAS Standard Specifications and as further modified by supplemental specifications and special provisions included in the contract documents. The terms used in the contract revision of the documents are defined in said Standard Specifications. Before submitting your bid, review the requirements of Division 1, General Provisions and Covenants, in particular the sections regarding proposal requirements, bonding, contract execution and insurance requirements. Be certain that all documents have been completed properly, as failure to complete and sign all documents and to comply with the requirements listed below can cause your bid not to be read.

I. BID SECURITY

The bid security must be in the minimum amount of **5%** of the total bid amount including all add alternates (do not deduct the amount of deduct alternates). Bid security shall be in the form of a cashier's check or a certified check, drawn on an FDIC insured bank in Iowa or drawn on an FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States; or a bid bond executed by a corporation authorized to contract as a surety in Iowa or satisfactory to the Jurisdiction. The bid bond must be submitted on the enclosed Bid Bond form as no other bid bond forms are acceptable. All signatures on the bid bond must be original signatures in ink; facsimile (fax) of any signature or use of an electronic signature on the bid bond is not acceptable. Bid security other than said bid bond shall be made payable to City of Evansdale. "Miscellaneous Bank Checks," and personal checks, as well as "Money Orders" and "Traveler's Checks" issued by persons, firms, or corporations licensed under Chapter 533C of the Iowa Code, are not acceptable bid security.

II. SUBMISSION OF THE PROPOSAL AND IDENTITY OF BIDDER

A. The proposal shall be sealed in an envelope, properly identified as the Proposal with the project title and the name and address of the bidder, and deposited with the Jurisdiction at or before the time and at the place provided in the Notice to Bidders. It is the sole responsibility of the bidder to see that its proposal is delivered to the Jurisdiction prior to the time for opening bids, along with the appropriate bid security sealed in a separate envelope identified as Bid Security and attached to the outside of the bid proposal envelope. Any proposal received after the scheduled time for the receiving of proposals will be returned to the bidder unopened and will not be considered. If the Jurisdiction provides envelopes for proposals and bid security, bidders shall be required to utilize such envelopes in the submission of their bids.

(CONT'D. – INSTRUCTIONS TO BIDDERS)

Norma Avenue Extension
City of Evansdale, Iowa

B. The following documents shall be completed, signed, and returned in the Proposal envelope. The bid cannot be read if any of these documents are omitted from the Proposal envelope.

1. PROPOSAL – Complete each of the following parts:

Part B – Acknowledgment of Addenda, if any have been issued
Part C – Bid Items, Quantities, and Prices

The following proposal attachments must be completed and attached:

Part G – Identity of Bidder

Sign the proposal. The signature on the proposal and all proposal attachments must be an original signature in ink signed by the same individual who is the Company Owner or an authorized Officer of the Company; copies or facsimile of any signature or electronic signatures will not be accepted.

The following documents must be submitted as printed. No alterations, additions, or deletions are allowed. If the Bidder notes a requirement in the contract documents that the Bidder believes will require a conditioned or unsolicited alternate bid, the Bidder must immediately notify the Engineer in writing. The Engineer will issue any necessary interpretation by an addendum.

PROPOSAL

PROPOSAL: PART A – SCOPE

The City of Evansdale, Iowa, hereinafter called the “Jurisdiction,” has need of a qualified contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk, City Hall, 123 N. Evans Road, Evansdale, Iowa 50707, at the prices hereinafter provided in Part C of the Proposal, for the following described improvements:

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

PROPOSAL: PART B – ACKNOWLEDGMENT OF ADDENDA

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below:

ADDENDUM NUMBER _____

ADDENDUM NUMBER _____

ADDENDUM NUMBER _____

ADDENDUM NUMBER _____

and certifies that said addenda were utilized in the preparation of this bid.

PROPOSAL: PART C – BID ITEMS, QUANTITIES, AND PRICES

UNIT BID PRICE CONTRACTS: The Bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Prices, and the Total Construction Costs on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The Total Construction Cost plus any alternates selected by the Jurisdiction shall be used only for comparison of bids. The Total Construction Cost, including any Add-Alternates, shall be used for determining the sufficiency of the bid security.

PROPOSAL: PART D – GENERAL

The Bidder hereby acknowledges that the Jurisdiction, in advertising for public bids for this project, reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on comparison of the total bid plus any selected alternates; and

(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

3. Make such alterations in the contract documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction, provide proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code, and furnish a performance, maintenance, and payment bond; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract and/or to furnish said bond; and
3. Commence at your discretion (in consultation with the owner), after receipt of the signed contract. In accordance with the Agreement, the date of **Substantial Completion** is on or before **Wednesday, September 30, 2015**, and the date of readiness for final payment is on or before **Friday, October 16, 2015**.
4. Pay liquidated damages for non-compliance with said substantial completion provisions at the rate of Two Hundred dollars (\$200.00) for each calendar day thereafter that the work remains incomplete.

Bid Items, Quantities and Prices:

Computer generated bids will be accepted, with the following requirements: computer generated bid form must be stapled to the Form of Proposal, Bid totals for Base Bid plus any Alternates or Options must appear on the Form of Proposal as well as computer generated bid form, and both Form of Proposal and computer generated bid form must be signed.

PROPOSAL: PART E – NON-COLLUSION AFFIDAVIT

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with the Jurisdiction; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
3. That no part of the bid price received by the Bidder was or will be paid to any person, corporation, firm, association, or other organization for soliciting the bid, other than the payment of their normal compensation to persons regularly employed by the Bidder whose services in connection with the construction of the project were in the regular course of their duties for the Bidder; and
4. That this proposal is genuine and not collusive or sham; that the Bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to submit a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the bid price of the Bidder or of any other bidder, and that all statements in this proposal are true; and

(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

5. That the individual(s) executing this proposal have the authority to execute this proposal on behalf of the Bidder.

PROPOSAL: PART F – ADDITIONAL REQUIREMENTS

The Bidder hereby agrees to comply with the additional requirements listed below that are included in this proposal and identified as proposal attachments:

<u>ITEM NO.</u>	<u>DESCRIPTION OF ATTACHMENT</u>
1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____

INSTRUCTIONS:

(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

PROPOSAL: PART G – IDENTITY OF BIDDER

The Bidder shall indicate whether the bid is submitted by a/an:

- Individual,
Sole Proprietorship
- Partnership
- Corporation
- Limited Liability Company
- Joint-venture: all parties must join-in and
execute all documents
- Other

_____ Bidder

_____ Signature

By _____ Name (Print/Type)

_____ Title

_____ Street Address

_____ City, State, Zip Code

_____ Telephone Number

The Bidder shall enter its Public Registration
Number ____ - ____ issued
By the Iowa Commissioner of Labor Pursuant
Section 91C.5 of the Iowa Code.

**Type or print the name and title of the company's
owner, president, CEO, etc. if a different person
than entered above**

Failure to provide said Registration Number
shall result in the bid being read under
advisement. A contract will not be executed
until the Contractor is registered.

_____ Name

_____ Title

All non-resident bidders must complete the following:

Are any of the following preferences in effect in your state or country of domicile?

Bidders preference: Yes ____ No ____

Resident labor preference: Yes ____ No ____

Any other form of preference: Yes ____ No ____

If yes, indicate type of preference: _____

NOTE: The signature on this proposal must be an original signature in ink; copies, facsimiles, or electronic signatures will not be accepted.

(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

PROPOSAL ATTACHMENT: PART C

PROPOSAL

PROPOSAL ATTACHMENT: PART C – BID ITEMS, QUANTITIES, AND PRICES

This is a UNIT BID PRICE CONTRACT. The bidder must provide the Bid Price(s), any Alternate Price(s), and the Total of the Base Bid plus any Add-Alternates in this Proposal Attachment: Part C – Bid Items, Quantities, and Prices the total of the base bid plus any alternates selected by the Jurisdiction shall be used only for comparison of bids. The total of the Base Bid plus any Add-Alternates shall be used for determining the sufficiency of the bid security.

INSTRUCTIONS:

All bids shall NOT include Iowa Sales Tax for materials used in the project. Upon award, the successful bidder shall immediately provide a listing of subcontractors and associated Federal ID or Social Security Numbers for both the contractor and subcontractors. The City of Evansdale will register the contractor and subcontractors with the Iowa Department of Revenue and will provide appropriate certificates to the contractor for distribution and use.

PROJECT NO. 943-15-LOCAL					
NORMA AVENUE EXTENSION					
CONTRACTOR BID ITEMS					
DIVISION 1 - GRADING AND PAVING CONSTRUCTION					
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANT.	UNIT PRICE	EXTENDED PRICE
1	SAFETY CLOSURES	EA	3		
2	CLEAR AND GRUB	LS	1		
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1250		
4	TOPSOIL, STRIP AND STOCKPILE	CY	665		
5	TOPSOIL, SPREAD	CY	302		
6	SPECIAL COMPACTION OF SUBGRADE	STA	7		
7	GRANULAR SUBBASE	SY	2980		
8	STD. OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7 IN.	SY	2342		
9	SIGNS, BY EACH	EA	1		
10	DRIVEWAY REPLACEMENT, 6 IN. PCC	SY	24		
11	HMA PATCH, 4 IN.	SY	130		
12	PCC TRANSITION PAVING, 6 IN.	SY	108		
13	REMOVAL OF PAVEMENT, SEAL COAT & ASPHALT	SY	130		
14	REMOVAL OF CONCRETE	SY	21		
15	REMOVAL OF SIGNS, BY EACH PER POST	EA	8		
16	REMOVAL OF PCC DRIVEWAY	SY	25		
17	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	90		
18	CUNNETTE, CHANNEL, 6" DEPTH	SY	55		
19	STORM SEWER, CONCRETE COLLAR	EA	1		
20	MANHOLE, STORM SEWER, TOP ONLY, MODIFIED	EA	1		
21	INTAKE, SW-507	EA	2		
22	APRONS, CONCRETE, 15 IN. DIA.	EA	2		
23	SILT FENCE	LF	897		
24	STRAW WATTLE	LF	226		
25	INLET PROTECTION (FILTERSOXX)	LF	40		
26	STABILIZED CONSTRUCTION ENTRANCE	TON	47		
27	SEEDING AND FERTILIZING (URBAN)	AC	0.6		
				SUBTOTAL	

DIVISION 2 - WATERMAIN CONSTRUCTION					
28	WATERMAIN CONNECTION	EA	3		
29	PRESSURE AND DISINFECTION TEST	LS	1		
30	WATER MAIN, PVC, 4 IN. (AWWA C-900)	LF	8		
31	WATER MAIN, PVC, 8 IN. (AWWA C-900)	LF	1194		
32	WATER MAIN, PVC, 6 IN. (AWWA C-900)	LF	8		
33	WATER SERVICE, COPPER, 1 IN.	LF	55		
34	CURB STOP	EA	1		
35	WATER MAIN, FITTINGS, TEE, 8X8	EA	4		
36	WATER MAIN, FITTINGS, PLUG, 8 IN.	EA	2		
37	WATER MAIN, FITTINGS, 45 DEGREE, 6 IN.	EA	2		
38	WATER MAIN, FITTINGS, 45 DEGREE, 8 IN.	EA	2		
39	WATER MAIN, FITTINGS, 22.5 DEGREE, 8 IN.	EA	3		
40	WATER MAIN, FITTINGS, 90 DEGREE, 8 IN.	EA	3		
41	WATER MAIN, VALVE, GATE, DIP, 4 IN.	EA	1		
42	WATER MAIN, VALVE, GATE, DIP, 8 IN.	EA	4		
43	WATER MAIN, REDUCER, 8X4	EA	1		
44	WATER MAIN, REDUCER, 8X6	EA	2		
45	WATER MAIN, FIRE HYDRANT ASSEMBLY	EA	1		
				SUBTOTAL	
DIVISION 3 - SANITARY SEWER CONSTRUCTION					
47	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. (TRUSS)	LF	187		
48	TV INSPECTION	LS	1		
49	LOW PRESSURE AIR TESTING	LS	1		
50	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EA	1		
				SUBTOTAL	
				TOTAL	
ALTERNATE 1 - HMA TRANSITION CONSTRUCTION					
51	HMA TRANSITION PAVING, 4 IN.	SY	108		
				SUBTOTAL	
				ALTERNATE 1 TOTAL	
ALTERNATE 2 - BACK OF CURB SUBDRAIN CONSTRUCTION					
52	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.	LF	1218		
53	SUBDRAIN OUTLET (RF-19C)	EA	6		
				SUBTOTAL	
				ALTERNATE 2 TOTAL	
				PROJECT TOTAL	

PROPOSAL: PART F – ADDITIONAL REQUIREMENTS
ITEM 1 –

BID BOND

Sample Bid Bond

KNOW ALL BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the City of Evansdale, IA, as Obligee, (hereinafter referred to as “the Jurisdiction”), in the penal sum of _____ dollars (\$ _____), or five percent (5%) of the amount bid in lawful money of the United States, 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 Jurisdiction a certain proposal, in a separate envelope, and hereby made a part hereof, to enter into a contract in writing, for the following described improvements;

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

The Surety hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Jurisdiction may accept such bid or execute such Contract; and said Surety does hereby waive notice of any such extension.

In the event that any actions or proceedings are initiated with respect to this Bond, the parties agree that the venue thereof shall be Black Hawk County, State of Iowa. If legal action is required by the Jurisdiction against the Surety or Principal to enforce the provisions of the bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Surety or Principal agrees to pay the Jurisdiction all damages, costs, and attorney fees incurred by enforcing any of the provisions of this Bond. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to all rights, powers and remedies given to the Jurisdiction, by law. The Jurisdiction may proceed against Surety for any amount guaranteed hereunder whether action is brought against Principal or whether Principal is joined in any such action or actions or not.

NOW, THEREFORE, if said proposal by the Principal be accepted, and the Principal shall enter into a contract with Jurisdiction in accordance with the terms of such proposal, including the provision of insurance and of a 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; otherwise, the Principal shall pay to the Jurisdiction the full amount of the bid bond, together with court costs, attorney’s fees, and any other expense of recovery.

**(CONT'D. – BID BOND) Norma Avenue Extension
City of Evansdale, Iowa**

Signed and sealed this _____ day of _____, 2015.

SURETY:

PRINCIPAL:

By _____
Surety Company

Signature Attorney-in-Fact/Officer

Printed Name of Attorney-in-Fact/Officer

Company Name

Company Address

City, State, Zip Code

Company Telephone Number

By _____
Bidder

Signature

Printed Name

Title

Address

City, State, Zip Code

Telephone Number

NOTE: All signatures on this bid bond must be original signatures in ink; copies, facsimile, or electronic signatures will not be accepted. This bond must be sealed with the Surety's raised, embossing seal. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.

CONTRACT NO. _____

CONTRACT

DATE: _____

THIS CONTRACT, made and entered into at Evansdale, Iowa, this _____ day of _____, 2015, by and between the City of Evansdale by its Mayor, Doug Faas, upon order of its City Council hereinafter called the "Jurisdiction," and _____, hereinafter called the "Contractor."

WITNESSETH:

The Contractor hereby agrees to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk, 123 N. Evans Road, Evansdale, IA. This contract includes all contract documents. The work under this contract shall be constructed in accordance with the 2014 Iowa Statewide Urban Design and Specifications (SUDAS), plus General Supplemental Specifications, applicable Supplemental Specifications, Developmental Specifications, and Special Provisions, which shall apply to construction on this project. The Contractor further agrees to complete the work in strict accordance with said contract documents, and to guarantee the work as required by law, for the time required in said contract documents, after its acceptance by the Jurisdiction.

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices which were proposed by the Contractor in its proposal submitted in accordance with the Notice to Bidders and Notice of Public Hearing for the following described improvements:

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

The Contractor agrees to perform said work for and in consideration of the Jurisdiction's payment of the bid amount of _____ (\$_____) which amount shall constitute the required amount of the performance, maintenance, and payment bond. The Contractor hereby agrees to commence work at his/her discretion (in consultation with the owner), after receipt of the signed contract. In accordance with the Agreement, the date of **Substantial Completion** is on or before **Wednesday, September 30, 2015**, and the date of readiness for final payment is on or before **Friday, October 16, 2015**; and pay liquidated damages for non-compliance with said completion provisions at the rate of **Two Hundred dollars (\$200.00)** for each calendar day thereafter that the work remains incomplete.

**(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa**

IN WITNESS WHEREOF, the Parties hereto have executed this instrument, in triplicate on the date first shown written.

JURISDICTION

CONTRACTOR

By _____

Contractor

(Seal)
ATTEST:

By _____
Signature

Title

FORM APPROVED BY:

Street Address

Attorney for Jurisdiction

City, State, Zip Code

Telephone

CONTRACTOR PUBLIC REGISTRATION INFORMATION To Be Provided By:

500. All Contractors: The Contractor shall enter its Public Registration Number ____ - ____ issued by the Iowa Commissioner of Labor pursuant to Section 91C.5 of the Iowa Code.

NOTE: All signatures on this contract must be original signatures in ink; copies, facsimile, or electronic signatures will not be accepted.

CORPORATE ACKNOWLEDGMENT

State of _____)
_____) SS
_____ County)

On this ____ day of _____, 2015, before me, the undersigned, a Notary Public in and for the State of _____, personally appeared _____ and _____, to me known, who, being by me duly sworn, did say that they are the _____, and _____, respectively, of the corporation executing the foregoing instrument; that (no seal has been procured by) (the seal affixed thereto is the seal of) the corporation; that said instrument was signed (and sealed) on behalf of the corporation by authority of this Board of Directors; that _____ and _____ acknowledged the execution of the instrument to be the voluntary act and deed of the corporation, by it and by them voluntarily executed.

Notary Public in and for the State of _____
My commission expires _____, 20 _____

(CONTRACT ATTACHMENT) Norma Avenue Extension
City of Evansdale, Iowa

CONTRACT ATTACHMENT: ITEM 1 – GENERAL

- 1) Exhibit “A” – Contractor’s Bid (*Attached*)
- 2) Contractor Contract Security (Performance, Payment and Maintenance Bonds)
(*Contractor to furnish*)
- 3) Property and Liability Insurance Certificate (*Contractor to furnish*)

CONTRACT ATTACHMENT: ITEM 2 - BID ITEMS AND QUANTITIES

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices tabulated in the attached Exhibit “A” and proposed by the Contractor in its proposal submitted in accordance with notice to bidders and notice of public hearing. All quantities are subject to revision by the Jurisdiction. Quantity changes that amount to 20% or less of the amount bid shall not affect the unit bid price.

NOTICE OF AWARD

Dated: _____

TO: _____

ADDRESS: _____

Contract: Norma Avenue Extension,
City of Evansdale, Iowa

Project: The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

OWNER'S Contract No. N/A

You are notified that your Bid dated _____, for the above Contract has been considered. You are the apparent Successful Bidder and have been awarded a Contract for the:

Project Name: Norma Avenue Extension,
City of Evansdale, Iowa

The Total Dollar Amount of your Contract is:

\$ _____

One (1) copy of each of the proposed Contract Documents (except Drawings) accompanies this Notice of Award. Additional sets of the Drawings will be delivered separately or otherwise made available to you upon request.

You must comply with the following conditions precedent within ten (10) days of the date of this Notice of Award, that is, by _____.

1. Deliver to the OWNER four (3) fully executed counterparts of the Contract Documents. [Each of the Contract Documents must bear your signature on page 00500-2].
2. Deliver with the executed Contract Documents the Contract security (Performance, Payment and Maintenance Bond) as specified in the Notice to Bidders and Notice of Public Hearing (See 00600-1 through 00600-4).

NOTICE TO PROCEED

Dated _____

TO: _____

ADDRESS: _____

Contract: Norma Avenue Extension
City of Evansdale, Iowa

Project: The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

OWNER'S Contract No. N/A

You are notified that the Contract Work under the above contract may commence at your discretion (in consultation with the Owner), but will be substantially complete no later than **Wednesday, September 30, 2015**, and will be completed as set forth in the Notice to Bidders and Notice of Public Hearing. The date of Substantial Completion is on or before **Wednesday, September 30, 2015**, and the date of readiness for final payment is on or before **Friday, October 16, 2015**.

Before you may start any Work at the Site, you and Owner must each deliver to the other (with copies to Engineer and other identified additional insureds) certificates of insurance which each is required to purchase and maintain in accordance with the Contract Documents.

CITY OF EVANDSDALE
(OWNER)

By: _____
(AUTHORIZED SIGNATURE)

(TITLE)

Copy to ENGINEER
(Use Certified Mail, Return Receipt Requested)

EJCDC No. 19 10-23 (1996 Edition)
Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.

SURETY BOND NO. _____

PERFORMANCE AND PAYMENT BOND

KNOW ALL BY THESE PRESENTS:

That we, _____, as Principal (hereinafter the "Contractor" or "Principal") and _____, as Surety are held and firmly bound unto the City of Evansdale, Iowa, as Obligee (hereinafter referred to as "the Jurisdiction"), and to all persons who may be injured by any breach of any of the conditions of this Bond in the penal sum of _____ dollars (\$ _____), lawful money of the United States, for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, legal representatives and assigns, jointly or severally, firmly by these presents.

The conditions of the above obligations are such that whereas said Contractor entered into a contract with the Jurisdiction, bearing date the _____ day of _____, 2015, hereinafter the "Contract") wherein said Contractor undertakes and agrees to construct the following described improvements:

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

and to faithfully perform all the terms and requirements of said Contract within the time therein specified, in a good and workmanlike manner, and in accordance with the Contract Documents. Provided, however, that one year after the date of acceptance as complete of the work under the above referenced Contract, the maintenance portion of this Bond shall continue in force but the penal sum for maintenance shall be reduced to the sum of _____ DOLLARS (\$ _____), which is the cost associated with those items shown on the proposal and in the Contract that require a maintenance bond period in excess of one year.

It is expressly understood and agreed by the Contractor and Surety in this bond that the following provisions are a part of this Bond and are binding upon said Contractor and Surety, to-wit:

1. **PERFORMANCE:** The Contractor shall well and faithfully observe, perform, fulfill, and abide by each and every covenant, condition, and part of said Contract and Contract Documents, by reference made a part hereof, for the above referenced improvements, and shall indemnify and save harmless the Jurisdiction from all outlay and expense incurred by the Jurisdiction by reason of the Contractor's default of failure to perform as required. The Contractor shall also be responsible for the default or failure to perform as required under the Contract and Contract Documents by all its subcontractors, suppliers, agents, or employees furnishing materials or providing labor in the performance of the Contract.

2. **PAYMENT:** The Contractor and the Surety on this Bond hereby agreed to pay all just claims submitted by persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the performance of the Contract on account of which this Bond is given, including but not limited to claims for all amounts due for labor, materials, lubricants, oil, gasoline, repairs on machinery, equipment, and tools, consumed or used by the Contractor or any subcontractor, wherein the same are not satisfied out of the portion of the contract price the Jurisdiction is required to retain until completion of the improvement, but the Contractor and Surety shall not be liable to said persons, firms, or corporations unless the claims of said claimants against said portion of the contract price shall have been established as provided by law. The Contractor and Surety hereby bind themselves to the obligations and conditions set forth in Chapter 573 of the Iowa Code, which by this reference is made a part hereof as though fully set out herein.
3. **MAINTENANCE:** The Contractor and the Surety on this Bond hereby agree, at their own expense:
 - A. To remedy any and all defects that may develop in or result from work to be performed under the Contract within the period of one (1) year (s) from the date of acceptance of the work under the Contract, by reason of defects in workmanship or materials used in construction of said work;
 - B. To keep all work in continuous good repair; and
 - C. To pay the Jurisdiction's reasonable costs of monitoring and inspection to assure that any defects are remedied, and to repay the Jurisdiction all outlay and expense incurred as a result of Contractor's and Surety's failure to remedy any defect as required by this section.
 - D. Contractor's and Surety's agreement herein made extends to defects in workmanship or materials not discovered or known to the Jurisdiction at the time such work was accepted.
4. **GENERAL:** Every Surety on this Bond shall be deemed and held bound, any contract to the contrary notwithstanding, to the following provisions:
 - A. To consent without notice to any extension of time to the Contractor in which to perform the Contract;
 - B. To consent without notice to any change in the Contract or Contract Documents, which thereby increases the total contract price and the penal sum of this bond, provided that all such changes do not, in the aggregate, involve an increase of more than 20% of the total contract price, and that this bond shall then be released as to such excess increase; and
 - C. To consent without notice that this Bond shall remain in full force and effect until the Contract is completed, whether completed within the specified contract period, within an extension thereof, or within a period of time after the contract period has elapsed and the liquidated damage penalty is being charged against the Contractor.
 - D. That no provision of this Bond or of any other contract shall be valid that limits to less than five years after the acceptance of the work under the Contract the right to sue on this Bond.

- E. That as used herein, the phrase “all outlay and expense” is not to be limited in any way, but shall include the actual and reasonable costs and expenses incurred by the Jurisdiction including interest, benefits, and overhead where applicable. Accordingly, “all outlay and expense” would include but not be limited to all contract or employee expense, all equipment usage or rental, materials, testing, outside experts, attorneys fees (including overhead expenses of the Jurisdiction’s staff attorneys), and all costs and expenses of litigation as they are incurred by the Jurisdiction. It is intended the Contractor and Surety will defend and indemnify the Jurisdiction on all claims made against the Jurisdiction on account of Contractor’s failure to perform as required in the Contract and Contract Documents, that all agreements and promises set forth in the Contract and Contract Documents, in approved change orders, and in this Bond will be fulfilled, and that the Jurisdiction will be fully indemnified so that it will be put into the position it would have been in had the Contract been performed in the first instance as required.

In the event the Jurisdiction incurs any “outlay and expense” in defending itself against any claim as to which the Contractor or Surety should have provided the defense, or in the enforcement of the promises given by the Contractor in the Contract, Contract Documents, or approved change orders, or in the enforcement of the promises given by the Contractor and Surety in this Bond, the Contractor and Surety agree that they will make the Jurisdiction whole for all such outlay and expense, provided that the Surety’s obligation under this bond shall not exceed 125% of the penal sum of this bond.

In the event that any actions or proceedings are initiated regarding this Bond, the parties agree that the venue thereof shall be Black Hawk County, State of Iowa. If legal action is required by the Jurisdiction to enforce the provisions of this Bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Contractor and the Surety agree, jointly, and severally, to pay the Jurisdiction all outlay and expense incurred therefore by the Jurisdiction. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to all rights, powers, and remedies given to the Jurisdiction, by law. The Jurisdiction may proceed against surety for any amount guaranteed hereunder whether action is brought against the Contractor or whether Contractor is joined in any such action(s) or not.

NOW THEREFORE, the condition of this obligation is such that if said Principal shall faithfully perform all the promises of the Principal, as set forth and provided in the Contract, in the Contract Documents, and in this Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

When a work, term, or phrase is used in this Bond, it shall be interpreted or construed first as defined in this Bond, the Contract, or the Contract Documents; second, if not defined in the Bond, Contract, or Contract Documents, it shall be interpreted or construed as defined in applicable provisions of the Iowa Code; third, if not defined in the Iowa Code, it shall be interpreted or construed according to its generally accepted meaning in the construction industry; and fourth, if it has no generally accepted meaning in the construction industry, it shall be interpreted or construed according to its common or customary usage.

Failure to specify or particularize shall not exclude terms or provisions not mentioned and shall not limit liability hereunder. The Contract and Contract Documents are hereby made a part of this Bond.

Witness our hands, in triplicate, this ____ day of _____, _____.

Surety Countersigned By: **PRINCIPAL:**

Signature of Agent

Contractor

By:

Signature

Title

Printed Name of Agent

Company Name

Company Address
By:

City, State, Zip Code

Company Telephone Number

SURETY:

Signature of Agent

Signature Attorney-in-Fact Officer

Printed Name of Attorney-in-Fact Officer

Company Name

Company Address

Company Telephone Number

FORM APPROVED BY:

Attorney for Jurisdiction

NOTE:

- 1. All signatures on this performance, payment, and maintenance bond must be original signatures in ink; copies, facsimile, or electronic signatures will not be accepted.**
- 2. This bond must be sealed with the Surety's raised, embossing seal.**
- 3. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.**
- 4. The name and signature of the Surety's Attorney-in-Fact/Officer entered on this bond must be exactly as listed on the Certificate or Power of Attorney accompanying this bond.**

Iowa Statewide Urban Design and Specifications

Division 1: General Provisions and Covenants

Website address:

<http://www.iowasudas.org/manuals/manual.cfm?manual=specifications>

Division 1: General Provisions and Covenants

All files are in pdf format. To read pdf files, you may need to download the free Adobe Acrobat Reader.

- Section 1010: Definitions
- Section 1020: Proposal Requirements and Conditions
- Section 1030: Approval for Award and Award of Contract
- Section 1040: Scope of Work
- Section 1050: Control of Work
- Section 1060: Control of Materials
- Section 1070: Legal Relations and Responsibility to the Public
- Section 1080: Prosecution and Progress
- Section 1090: Measurement and Payment

Norma Avenue Extension

Heather Avenue to Knudsen Drive

Evansdale, Iowa

Construction Plans

Grading, Sanitary Sewer, Water Main, Storm Sewer, and Paving

June 2015



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5106 Nordic Drive
Cedar Falls, Iowa
50613-6967

Phone: (319) 266-0258
Fax: (319) 266-1515
www.shoffengineers.com

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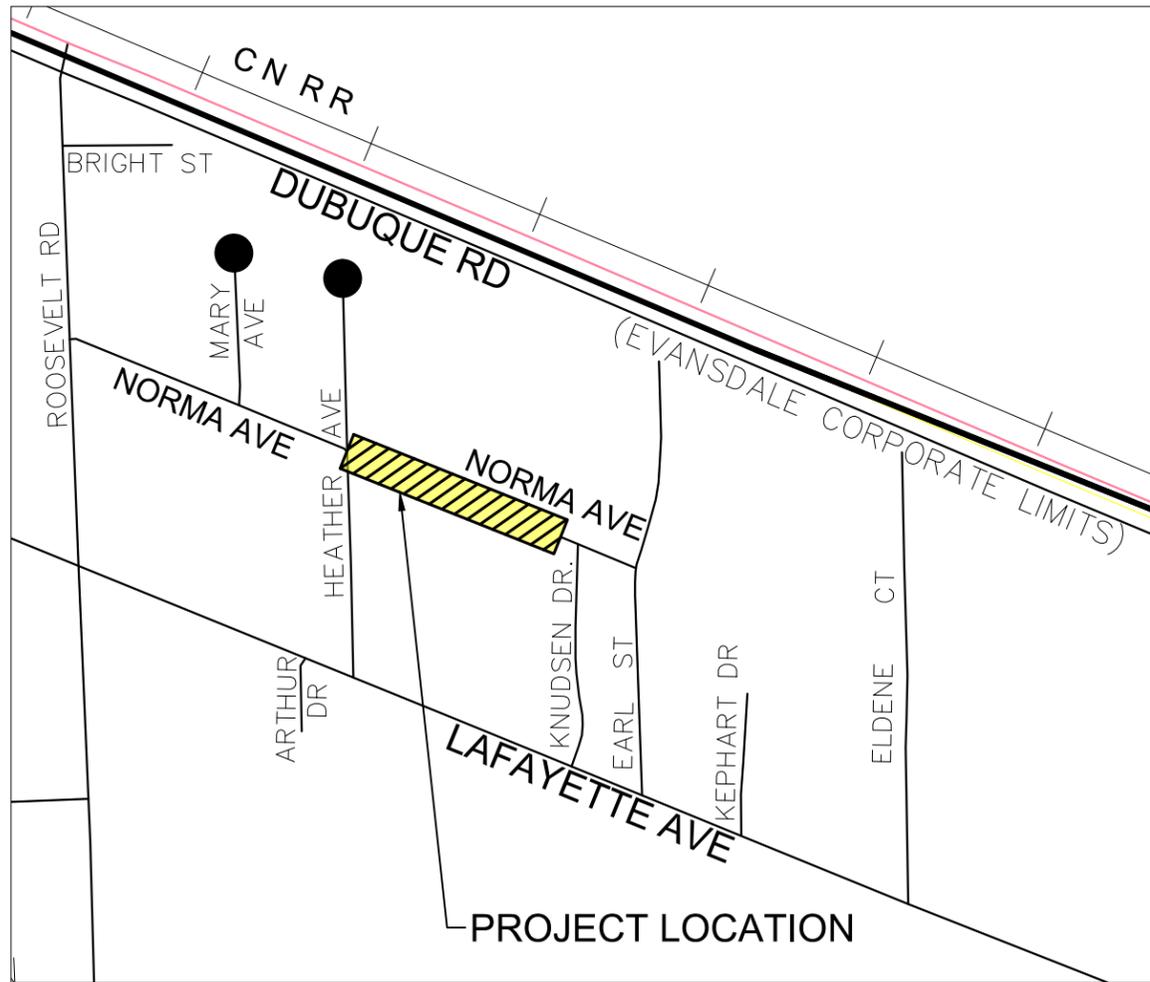
Norma Ave. Extension
Evansdale, Iowa
TITLE SHEET

REVISIONS			
NO.	DATE	BY	REVISION
6			
5			
4			
3			
2			
1			

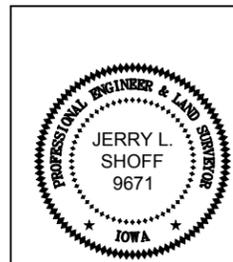
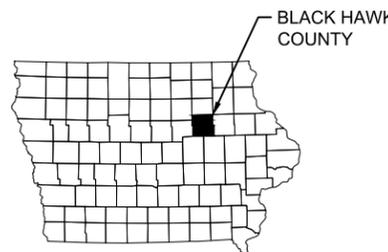
DATE: 06/09/2015
DRAWN BY: NBREW
CHECKED: _____
APPROVED: _____
PROJECT NUMBER: 943-15
Drawing No.

A-01

Sheet Number	Sheet Title
A-01	TITLE SHEET
B-01	GENERAL NOTES
B-02	ESTIMATED QUANTITIES
B-03	ESTIMATE REFERENCE
B-04	SWPPP NOTES
B-05	POST GRADING SWPPP
C-01	TABULATIONS
P-01	NORMA AVE. 10+00.00 TO 14+50.00
P-02	NORMA AVE. 14+50.00 TO 17+00
P-03	DUBUQUE ROAD WATER MAIN P&P
R-01	TYPICAL PAVEMENT SECTION
R-02	TYPICAL DETAILS
R-03	INTERSECTION DETAILS
R-04	STORM BOX TOP DETAIL
X-01	10+00 - 10+75
X-02	11+00 - 11+50
X-03	11+75 - 12+50
X-04	12+75 - 13+50
X-05	13+75 - 14+50
X-06	14+75 - 15+39.62



THE 2015 IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS), THE IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE STANDARDS, SERIES 2012, THE 2015 IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) SIDEWALKS AND BICYCLE FACILITIES, AS WELL AS THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN SHALL APPLY TO CONSTRUCTION WORK ON THIS PROJECT.



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

(Date)
JERRY L. SHOFF, P.E., L.S. IOWA REG. NO. 9671

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL:
(ALL SHEETS IN SHEET INDEX)



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- Industrial • Structural •
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- Land Development •
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5106 Nordic Drive
Cedar Falls, Iowa
50613-6967

Phone: (319) 266-0258
Fax: (319) 266-1515
www.shoffengineers.com

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**Norma Ave. Extension
Evansdale, Iowa
GENERAL NOTES**

REVISIONS			
NO	DATE	BY	REVISION
6			
5			
4			
3			
2			
1			

DATE: 06/09/2015
DRAWN BY: NBREW
CHECKED: _____
APPROVED: _____
PROJECT NUMBER: 943-15
Drawing No.

1. PROJECT SCHEDULE – THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE OF WORK, WHICH SHALL BE SUBMITTED AT THE PRECONSTRUCTION CONFERENCE. THE SCHEDULE SHALL SHOW ANTICIPATED EQUIPMENT AND MATERIAL DELIVERIES AND COMPLETION OF MAJOR TASKS IN THE PROJECT.
2. IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY (UNLESS DESIGNATED BY THE ENGINEER) TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL, WHICH IS NOT DESIRABLE TO BE INCORPORATED IN THE WORK INVOLVED ON THIS PROJECT (EXCAVATION, BROKEN CONCRETE, CMP OR RCP). NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES. ALL DISPOSAL SITES TO BE APPROVED BY THE ENGINEER. OVERHAUL WILL NOT BE MEASURED OR PAID FOR, BUT SHALL BE CONSIDERED INCIDENTAL TO ROADWAY AND SITE EXCAVATION FOR THIS PROJECT.
3. THE CONTRACTOR SHALL USE TESTING EQUIPMENT AND PROCEDURES THAT ARE ACCEPTABLE TO THE ENGINEER.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THAT TRUCKS TRAVELING TO AND FROM THE PROJECT SITE ARE IN GOOD WORKING ORDER AND DO NOT DROP MATERIAL ONTO THE STREET.
5. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
6. COMPACTION OF BACKFILL IN ALL TRENCHES AND EXCAVATIONS SHALL BE 95% STANDARD PROCTOR DENSITY.
7. THE ENGINEER WILL FURNISH THE REQUIRED STAKES AND BENCH MARKS FOR THIS WORK. THE CONTRACTOR SHALL MAINTAIN ALL STAKES AND REPORT ANY DAMAGE TO THE ENGINEER. THE CONTRACTOR SHALL VERIFY ALL GRADES, LINES, LEVELS, AND DIMENSIONS AS SHOWN ON THE PLANS AND CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO THE NEED FOR SURVEY STAKES. THE CONTRACTOR SHALL REPORT ANY ERRORS OR INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING SURVEY STAKES AND MARKS, AND IF ANY SURVEY STAKES OR MARKS ARE CARELESSLY OR WILLFULLY DESTROYED OR DISTURBED BY THE CONTRACTOR, HE SHALL BE CHARGED FOR THE COST OF REPLACING THEM.
8. ALL CONTRACTORS SHALL USE CAUTION WHEN WORKING OVER AND AROUND ALL TILE LINES. BREAKS IN THE TILE LINE DUE TO THE CONTRACTOR’S CARELESSNESS SHALL BE REPLACED AT HIS EXPENSE WITHOUT COST TO THE CONTRACTING AUTHORITY. ANY TILE LINES BROKEN OR DISTURBED BY DESIGNATED CUT LINES WILL BE REPLACED AS DIRECTED BY THE ENGINEER IN CHARGE OF CONSTRUCTION.
9. UTILITIES – THE LOCATION OF ALL UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM CURRENT RECORDS AND/OR FIELD SURVEYS. HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE RESPECTIVE UTILITY COMPANIES OF THE COMMENCEMENT OF WORK ON THE PROJECT AND TO COORDINATE THE NECESSARY ADJUSTMENTS. THE CONTRACTOR SHALL EXPOSE THOSE UTILITIES AND SEWERS AS DIRECTED IN THE FIELD BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION SO THEIR EXACT LOCATIONS MAY BE DETERMINED. NO DIRECT PAYMENT SHALL BE MADE FOR THIS WORK AND IT SHALL BE CONSIDERED INCIDENTAL TO THE OTHER APPLICABLE WORK.
10. PRIOR TO OPENING AN EXCAVATION, A REASONABLE EFFORT SHALL BE MADE TO DETERMINE WEATHER UNDERGROUND INSTALLATIONS; I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATIONS OF SUCH AN INSTALLATION, CAREFUL PROBING OR HAND DIGGING SHALL DETERMINE THE EXACT LOCATIONS AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
11. FOR ALL UTILITY LOCATION REQUESTS, CALL THE FOLLOWING NUMBER:
IOWA ONE CALL – 1-800-292-8989

12. PART VI OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) SHALL APPLY. CONTRACTOR SHALL FURNISH ALL NECESSARY TRAFFIC CONTROL DEVICES AND THE COST SHALL BE INCIDENTAL TO THE TRAFFIC CONTROLS TIME ON THIS PROJECT. ALL BARRICADES AND TRAFFIC CONFORM TO THE MOST CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND LATEST SUPPLEMENTS TO THE BASE SPECIFICATIONS.
13. THE CONTRACTOR AND SUBCONTRACTORS SHALL COMPLY WITH IA DNR STORMWATER POLLUTION PREVENTION REQUIREMENTS AND SHALL COMPLY WITH ALL ASPECTS OF THE STORMWATER POLLUTION PREVENTION PLAN AS SHOWN ON SHEET B-04 AND OTHER LOCATIONS. THE CONTRACTOR SHALL APPLY FOR AND KEEP CURRENT THE REQUIRED IA DNR STORMWATER PERMITS.
14. INSTALLATION AND MATERIALS FOR WATER SYSTEMS TO BE IN ACCORDANCE WITH THE OFFICE OF IOWA DEPARTMENT OF NATURAL RESOURCES, AND THE "IOWA STANDARDS FOR WATER SUPPLY DISTRIBUTION SYSTEMS" AND THE "TEN STATES STANDARDS", LATEST REVISION.

STANDARD SPECIFICATIONS			
The following EVANSDALE, IOWA DOT AND SUDAS Figures apply to work on this project.			
Number	Specification	Date	Title
3010.101	SUDAS	4-21-09	TRENCH BEDDING AND BACKFILL ZONES
3010.102	SUDAS	4-21-09	RIGID GRAVITY PIPE TRENCH BEDDING
3010.104	SUDAS	4-21-09	PRESSURE PIPE TRENCH BEDDING
4020.211	SUDAS	10-16-12	SPECIAL PIPE CONNECTIONS FOR STORM SEWER
4030.221	SUDAS	10-21-14	RCP APRON SECTION FOOTING
4040.231	SUDAS	10-21-14	SUBDRAINS
4040.233	SUDAS	10-21-14	SUBDRAIN OUTLETS
5010.101	SUDAS	04-21-09	THRUST BLOCKS
5010.102	SUDAS	4-21-09	TRACER SYSTEM
5020.201	SUDAS	04-19-11	TYPICAL HYDRANT INSTALLATION USING LOCKING TEE
6010.301	SUDAS	10-21-14	CIRCULAR SANITARY SEWER MANHOLE
6010.401	SUDAS	4-21-09	CIRCULAR STORM SEWER MANHOLE
6010.402	SUDAS	4-21-09	RECTANGULAR STORM SEWER MANHOLE
6010.507	SUDAS	10-21-14	SINGLE OPEN-THROAT CURB INTAKE, SMALL BOX
6010.601	SUDAS	4-21-15	CASTINGS FOR SANITARY SEWER MANHOLES
6010.602	SUDAS	4-21-15	CASTINGS FOR STORM SEWER MANHOLES
7010.101	SUDAS	4-15-14	JOINTS
7010.102	SUDAS	4-15-14	PCC CURB DETAILS
7010.103	SUDAS	04-19-11	MANHOLE BOXOUTS IN PCC PAVEMENT
7030.201	SUDAS	10-21-14	CLASSES OF SIDEWALK
7030.204	SUDAS	10-16-12	GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK
7030.205	SUDAS	10-16-12	GENERAL SIDEWALK AND CURB RAMP DETAILS
7030.206	SUDAS	10-16-12	CURB RAMPS OUTSIDE OF INTERSECTION RADIUS
7030.207	SUDAS	10-16-12	CURB RAMPS FOR CLASS B OR C SIDEWALK
7030.210	SUDAS	10-16-12	DETECTABLE WARNING PLACEMENT
9040.102	SUDAS	10-21-14	FILTER BERM AND FILTER SOCK
9040.120	SUDAS	10-18-11	STABILIZED CONSTRUCTION ENTRANCE

THESE DETAILS CAN BE FOUND ONLINE AT: <http://www.iowadot.gov/erl/index.html> THEN CLICK THE LINK "SUDAS Standard Specifications"

B-01

C:\Evansdale\Norma Avenue Design (943 - 15)\Draws\Preliminary Plans\B-01 GENERAL NOTES.dwg Plot Date: 7/1/2014 3:07PM

DIVISION 1 - NORMA AVENUE EXTENSION - GRADING AND PAVING

ALTERNATE 1 - NORMA AVENUE EXTENSION - HMA TRANSITION

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
GRADING AND PAVING			
1	SAFETY CLOSURES	EA	3
2	CLEAR AND GRUB	LS	1
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1250
4	TOPSOIL, STRIP AND STOCKPILE	CY	665
5	TOPSOIL, SPREAD	CY	302
7	SPECIAL COMPACTION OF SUBGRADE	STA	7
8	GRANULAR SUBBASE	SY	2980
9	STD. OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7 IN.	SY	2342
10	SIGNS, BY EACH	EA	1
11	DRIVEWAY REPLACEMENT, 6 IN. PCC	SY	24
12	HMA PATCH, 4 IN.	SY	130
13	PCC TRANSITION PAVING, 6 IN.	SY	108
REMOVALS			
14	REMOVAL OF PAVEMENT, SEAL COAT & ASPHALT	SY	130
15	REMOVAL OF CONCRETE	SY	21
16	REMOVAL OF SIGNS, BY EACH PER POST	EA	8
17	REMOVAL OF PCC DRIVEWAY	SY	25
STORM SEWER			
18	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	90
19	CUNNETTE, CHANNEL, 6" DEPTH	SY	55
20	STORM SEWER, CONCRETE COLLAR	EA	1
21	MANHOLE, STORM SEWER, TOP ONLY, MODIFIED	EA	1
22	INTAKE, SW-507	EA	2
23	APRONS, CONCRETE, 15 IN. DIA.	EA	2
SWPPP			
24	SILT FENCE	LF	897
25	STRAW WATTLE	LF	226
26	INLET PROTECTION (FILTERSOXX)	LF	40
27	STABILIZED CONSTRUCTION ENTRANCE	TON	47
28	SEEDING AND FERTILIZING (URBAN)	AC	0.6

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
52	HMA TRANSITION PAVING, 4 IN.	SY	108
ALTERNATE 2 - NORMA AVENUE EXTENSION - BACK OF CURB SUBDRAIN			
ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
STORM SEWER			
53	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.	LF	1218
54	SUBDRAIN OUTLET (RF-19C)	EA	6

DIVISION 2 - NORMA AVENUE EXTENSION - WATERMAIN

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
WATER MAIN			
29	WATERMAIN CONNECTION	EA	3
30	PRESSURE AND DISINFECTION TEST	LS	1
31	WATER MAIN, PVC, 4 IN. (AWWA C-900)	LF	8
32	WATER MAIN, PVC, 8 IN. (AWWA C-900)	LF	1194
33	WATER MAIN, PVC, 6 IN. (AWWA C-900)	LF	8
34	WATER SERVICE, COPPER, 1 IN.	LF	55
35	CURB STOP	EA	1
36	WATER MAIN, FITTINGS, TEE, 8X8	EA	4
37	WATER MAIN, FITTINGS, PLUG, 8 IN.	EA	2
38	WATER MAIN, FITTINGS, 45 DEGREE, 6 IN.	EA	2
39	WATER MAIN, FITTINGS, 45 DEGREE, 8 IN.	EA	2
40	WATER MAIN, FITTINGS, 22.5 DEGREE, 8 IN.	EA	3
41	WATER MAIN, FITTINGS, 90 DEGREE, 8 IN.	EA	3
42	WATER MAIN, VALVE, GATE, DIP, 4 IN.	EA	1
43	WATER MAIN, VALVE, GATE, DIP, 8 IN.	EA	4
44	WATER MAIN, REDUCER, 8X4	EA	1
45	WATER MAIN, REDUCER, 8X6	EA	2
46	WATER MAIN, FIRE HYDRANT ASSEMBLY	EA	1
47	WATER MAIN, FIRE HYDRANT ASSEMBLY, RELOCATION	EA	2

DIVISION 3 - NORMA AVENUE EXTENSION - SANITARY SEWER

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
SANITARY SEWER			
48	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. (TRUSS)	LF	187.0
49	TV INSPECTION	LS	1.0
50	LOW PRESSURE AIR TESTING	LS	1
51	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EA	1.0



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Norma Ave. Extension
Evansdale, Iowa
ESTIMATED QUANTITIES

REVISIONS			
NO.	DATE	BY	REVISION
6			
5			
4			
3			
2			
1			

DATE: 06/09/2015
DRAWN BY: NBREW
CHECKED: _____
APPROVED: _____
PROJECT NUMBER: 943-15
Drawing No.

B-02

NORMA AVENUE EXTENSION ESTIMATE REFERENCE

ITEM NO.	ITEM DESCRIPTION	ESTIMATE REFERENCE NOTES
1	SAFETY CLOSURES	CONTRACTOR MUST KEEP ROADS OPEN TO ALL FOR ACCESS TO EXISTING RESIDENCE. TRAFFIC CONTROL INTENDED FOR USE DURING NORMA AVE PAVING AND GRADING OPERATIONS. THIS ITEM INCLUDES THREE ROAD CLOSED TYPE III BARRICADES WITH ORANGE MESH SAFETY FENCE. SEE IA-DOT DETAIL TC-252. ROAD CLOSED BARRICADES SHALL BE PLACED AT THE FOLLOWING INTERSECTIONS: NORMA AVE AND HEATHER AVE, LAFAYETTE RD AND KNUDSEN AVE, & NORMA AVE AND EARL ST.
2	CLEAR AND GRUB	CLEAR AND GRUB SITE WITHIN LIMITS OF EASEMENT. SEE DETAIL ON SHEET R-02 FOR LOCATION.
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	SEE SECTION 2010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED ON THIS PROJECT AND SHALL BE CONSIDERED INCIDENTAL TO THE ITEM OF EXCAVATION. IF ENCOUNTERED, UNSUITABLE MATERIAL SHALL BE EXCAVATED AND PAID UNDER THIS ITEM, WASTED AND REPLACED WITH SUITABLE CLASS 10. QUANTITIES FOR THIS ITEM BASED OFF FIELD SURVEY ON MAY 2015. CURRENT CONDITIONS MAY DIFFER FROM SURVEY ELEVATIONS SHOWN. 10 CY ADDED TO PERFORM SPECIAL GRADING A DEPRESSED SWALE TO ALLOW FOR STORM WATER OVERFLOW AT THE LOCATION INDICATED ON SHEET P-01. SWALE TO HAVE A 5' WIDE DEPRESSION.
4	TOPSOIL, STRIP AND STOCKPILE	SEE SECTION 2010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. TOP SOIL SHALL BE STRIPED AND STOCKPILED IN DESIGNATED AREAS. QUANTITY WAS ESTIMATED BY A 1 FOOT DEPTH STRIP OVER THE PROJECT LIMITS. EXCESS MATERIAL SHALL BE STOCKPILED IN DESIGNATED AREA. SEE CROSS SECTION SHEETS X-01 - X-06. QUANTITIES FOR THIS ITEM BASED OFF FIELD SURVEY ON MAY 2015. CURRENT CONDITIONS MAY DIFFER FROM SURVEY ELEVATIONS SHOWN.
5	TOPSOIL, SPREAD	SEE SECTION 2010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. TOP SOIL TO BE SPREAD FROM DESIGNATED TOPSOIL PILES OVER THE DISTURBED AREA AFTER COMPLETION OF FINAL GRADING AND UTILITY INSTALLATION IS COMPLETE. TOPSOIL TO BE PLACED AT A MINIMUM DEPTH OF 6 INCHES. QUANTITY COVERS PROJECT LIMITS. QUANTITIES FOR THIS ITEM BASED OFF FIELD SURVEY ON MAY 2015. CURRENT CONDITIONS MAY DIFFER FROM SURVEY ELEVATIONS SHOWN.
6	SPECIAL COMPACTION OF SUBGRADE	SEE SECTION 2010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. SEE TYPICAL CROSS-SECTION ON R-01. MINIMUM COMPACTION UNDER ALL PAVED STREETS IS 95% STANDARD PROCTOR A MINIMUM OF 1.0 FEET BELOW THE BOTTOM OF THE SUBBASE IN CUT SECTIONS AND FROM 1.0 FOOT BELOW STRIPPED NATURAL GROUND TO THE BOTTOM OF THE SUBBASE IN FILL SECTIONS.
7	GRANULAR SUBBASE	SEE SECTION 2010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. BASE WORK SHALL EXTEND 3 FEET BEYOND ALL CURB LINES. GRANULAR SUBBASE TO CONFORM TO IOWA DOT SPECIFICATIONS SECTION 4121. RECYCLED PCC MATERIAL SHALL NOT BE CONSIDERED AS A SUITABLE OR ALLOWED MATERIAL. CONTRACTOR SHALL NOT PERMIT THE USE OF THE GRANULAR SUBBASE TO DELIVER CONCRETE TO THE PAVER. HAUL ROAD TO BE INCIDENTAL TO THIS WORK.
8	STD. OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7 IN.	SEE SECTION 7010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. SEE SHEET R-01 FOR TYPICAL PAVING SECTION. BOX OUTS, INSERTS AND AREAS OF IRREGULAR PAVING ARE CONSIDERED INCIDENTAL TO PAVING. ALL JOINTS SHALL BE CLEAN AND SEALED. CONTRACTOR SHALL NOT PERMIT THE USE OF THE GRANULAR SUBBASE TO DELIVER CONCRETE TO THE PAVER.
9	SIGNS, BY EACH	SEE SHEET C-01 & P-01 FOR TRAFFIC SIGN TYPES, LOCATIONS, AND QUANTITIES.
10	DRIVEWAY REPLACEMENT, 6 IN. PCC	THIS ITEM INCLUDES THE REPLACEMENT OF THE DRIVEWAY AT 556 NORMA AVE WITH 6" OF PCC PAVEMENT. ANY REQUIRED BACKFILL TO BRING THE DRIVEWAY BACK TO PREVIOUS ELEVATION IS TO BE CONSIDERED INCIDENTAL TO THIS ITEM. SEE SHEET P-02 FOR LOCATIONS.
11	HMA PATCH, 4 IN.	SEE SECTION 7040 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. ROADWAY TO BE PATCHED USING RECYCLED ASPHALT MATERIALS. FULL DEPTH SAW CUTTING WILL BE REQUIRED AT ALL EDGES OF PATCH. USE EQUIPMENT THAT COMPLIES WITH IOWA DOT ARTICLE 2303.03.
12	PCC TRANSITION PAVING, 6 IN.	SEE SECTION 7010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. SEE SHEET R-02 FOR TRANSITION PAVING DETAIL.
13	REMOVAL OF PAVEMENT, SEAL COAT & ASPHALT	CONTRACTOR TO REMOVE ASPHALT PAVEMENT NOTED ON P-02. ANY NEIGHBORING PAVEMENT DAMAGED DURING OR AS PART OF CONSTRUCTION IS TO BE REPLACED AT THE CONTRACTOR'S EXPENSE.
14	REMOVAL OF CONCRETE	CONTRACTOR TO REMOVE CONCRETE CUNNETTE AT THE PIPE EXTENSION SHOWN ON P-01. ANY NEIGHBORING CONCRETE DAMAGED DURING OR AS PART OF CONSTRUCTION ARE TO BE REPLACED AT THE CONTRACTOR'S EXPENSE. SAW CUT CUNNETTE TO FULL DEPTH AT REMAINING CUNNETTE.
15	REMOVAL OF SIGNS, BY EACH PER POST	THIS ITEM INCLUDES THE REMOVAL OF THREE EXISTING OM4-2 SIGNS AND POSTS AT THE END OF NORMA AVE NEAREST TO HEATHER AVE AND THE REMOVAL OF THE WOODEN BARRICADE AND POSTS AT THE END OF NORMA AVE NEAREST TO KNUDSEN DRIVE. AT THE TIME OF REMOVAL THE SAID SIGNS, BARRICADE, AND POSTS WILL BECOME THE PROPERTY OF THE CONTRACTOR. THIS ITEM IS TO BE BID PER POST. THE SAID BARRICADE HAS 5 POSTS.
16	REMOVAL OF PCC DRIVEWAY	THIS ITEM INCLUDES THE REMOVAL OF THE EXISTING DRIVEWAY AT 556 NORMA AVE. SEE SHEET P-02 FOR LOCATIONS. ANY NEIGHBORING CONCRETE PANELS DAMAGED DURING OR AS PART OF CONSTRUCTION ARE TO BE REPLACED AT THE CONTRACTOR'S EXPENSE.
17	STORMSEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	SEE TAB ON SHEET C-01. REFER TO SECTION 4020 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. TYPE R2 BEDDING (3010.102) SHALL BE REQUIRED FOR ALL RCP GRAVITY MAINS AND TYPE F3 BEDDING (3010.103) SHALL BE REQUIRED FOR ALL HDPE GRAVITY MAINS AND SHALL BE CONSIDERED INCIDENTAL.
18	CUNNETTE, CHANNEL, 6" DEPTH	CUNNETTE TO BE PLACED FROM APRON TO EXISTING CUNNETTE. ANY EXCAVATION TO BE INCIDENTAL TO PLACING OF CUNNETTE. PLEASE SEE R-02 FOR CROSS SECTIONAL VIEW OF CHANNEL. SAW CUTTING INTO EXISTING CUNNETTE AS SHOWN ON R-02 TO BE INCIDENTAL.
19	STORMSEWER, CONCRETE COLLAR	ALL CONNECTIONS BETWEEN DISSIMILAR MATERIALS (RCP TO HDPE) AND CONNECTIONS WITH EXISTING PIPE SHALL BE MADE WITH CONCRETE COLLAR. SEE IA-DOT STANDARD ROAD PLAN, RF-2, C-1 COLLAR FOR CONCRETE COLLAR CONNECTIONS. SEE DETAIL ON SHEET R-02.
20	MANHOLE, STORM SEWER, TOP ONLY, MODIFIED	SEE SHEET P-01 FOR INTAKE LOCATION. SEE DETAILS ON SHEET R-04.
21	INTAKE, SW-507	SEE TAB ON SHEET C-01 FOR INVERT, FINISH GRADE ELEVATIONS AND INTAKE LOCATION.

22	APRONS, CONCRETE, 15 IN. DIA.	SEE SECTION 4030 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. APRONS SHALL BE INSTALLED ON ALL OUTLET SEWER PIPES. SEE IA-DOT STANDARD ROAD PLAN DR-121. USE DR-121 TYPE 1 CONNECTIONS ON APRON AND CONNECTING OUTLET PIPES. EROSION STONE/RIP RAP SHALL BE PLACED AROUND APRON TO PROVIDE ADEQUATE EROSION CONTROL. SEE SHEETS C-01 & P-01 FOR LOCATION, SIZE, AND MATERIAL.
23	SILT FENCE	CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF EROSION PROTECTION DEVICES AS SHOWN ON THE SWPPP NOTES AND SWPPP. SEE SHEETS B-04 & B-05. ALL EROSION CONTROL PRODUCTS TO BE INSTALLED AND MAINTAINED THROUGHOUT THE ENTIRE PROJECT TERM PER SUDAS STANDARDS DIVISION 9 OR MANUFACTURERS RECOMMENDATIONS.
24	STRAW WATTLE	
25	INLET PROTECTION (FILTERSOXX)	
26	STABILIZED CONSTRUCTION ENTRANCE	BID ITEM IS FOR FURNISHING, PLACING AND REMOVING OF ROCK AT CONSTRUCTION ACCESS TO SITE FROM PAVED ROADWAY AND FOR A HAUL ROAD. SEE SHEET B-04 AND B-05. MAINTENANCE IS INCIDENTAL TO THE PROJECT STORM WATER POLLUTION PREVENTION PLAN. STABILIZED CONSTRUCTION ENTRANCE TO BE INSTALLED PER SUDAS DETAIL 9040.20.
27	SEEDING AND FERTILIZING (URBAN)	SEE SECTION 9010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. QUANTITY COVERS CONSTRUCTION LIMITS OF NORMA AVENUE EXTENSION INCLUDING THE PROPOSED DETENTION BASIN CONSTRUCTION AND AREAS OF DRAINAGE DITCH SHAPING DESIGNATED IN PLANS. CONTRACTOR TO SEED AND FERTILIZED ALL DISTURBED AREAS IN ACCORDANCE WITH IOWA DOT SEEDING DATES. PERMANENT SEEDING TO BE COMPLETED NO LATER THAN SEPTEMBER 15, 2015.
28	WATERMAIN CONNECTION	WATER MAIN CONNECTION ITEM TO INCLUDE ALL LABOR AND MATERIALS REQUIRED TO PROPERLY CONNECT PROPOSED WATER MAIN TO EXISTING WATER MAIN. CONTRACTOR TO VERIFY THE SIZE, MATERIAL, DEPTH, CONDITION AND OTHER REQUIRED INFORMATION OF EXISTING WATER MAIN PRIOR TO CONNECTION, CONSTRUCTION OR ORDERING MATERIALS.
29	PRESSURE AND DISINFECTION TEST	ALL WATER MAIN PRESSURE TESTING AND DISINFECTION TO BE CONDUCTED IN ACCORDANCE WITH IOWA DEPARTMENT OF NATURAL RESOURCES AND SUDAS SPECIFICATIONS.
30	WATER MAIN, PVC, 4 IN. (AWWA C-900)	MATERIAL AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE "IOWA STANDARDS FOR WATER SUPPLY DISTRIBUTION SYSTEMS" AND THE "TEN STATE STANDARDS". THE CONTRACTOR SHALL VERIFY THESE REQUIREMENTS PRIOR TO BIDDING ON THIS PROJECT. IF THE STANDARDS CONFLICT, THE CONTRACTOR SHALL ABIDE BY THE MORE STRINGENT STANDARD. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WATER MAIN SHUT DOWNS WITH ANY AFFECTED CUSTOMERS TO MINIMIZE SERVICE DISRUPTION. SHUT DOWNS MAY HAVE TO BE COMPLETED DURING NON-TRADITIONAL HOURS DEPENDING ON THE NEEDS OF THE AFFECTED CUSTOMERS. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR THIS WORK. ALL DUCTILE WATER MAIN TO BE WRAPPED IN POLYETHYLENE PROTECTIVE WRAP IN ACCORDANCE WITH AWWA C105 UNLESS SOIL EVALUATIONS ARE CONDUCTED TO PROVE CORROSIVE SOILS ARE NOT PRESENT IN THE AREA. WRAP TO BE BLUE HIGH DENSITY CROSS LINKED, 8 MILS IN THICKNESS. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING MATERIAL CUT SHEETS TO VERIFY MATERIAL COMPLIANCE WITH STANDARDS. ALL PIPE TO BE AWWA C-900 PIPE.
31	WATER MAIN, PVC, 8 IN. (AWWA C-900)	
32	WATER MAIN, PVC, 6 IN. (AWWA C-900)	
33	WATER SERVICE, COPPER, 1 IN.	WATER SERVICE LINE, TAPPING SADDLE AND CORPORATION VALVE TO BE CONSIDERED INCIDENTAL TO THIS LINE ITEM. SEE SHEET P-02 FOR LOCATION.
34	CURB STOP	WATER SERVICE CURB STOP AND VALVE BOX TO BE CONSIDERED INCIDENTAL TO WATER SERVICE CURB STOP BID ITEM. SEE SHEET P-02 FOR LOCATION.
35	WATER MAIN, FITTINGS, TEE, 8X8	
36	WATER MAIN, FITTINGS, PLUG, 8 IN.	
37	WATER MAIN, FITTINGS, 45 DEGREE, 6 IN.	
38	WATER MAIN, FITTINGS, 45 DEGREE, 8 IN.	
39	WATER MAIN, FITTINGS, 22.5 DEGREE, 8 IN.	
40	WATER MAIN, FITTINGS, 90 DEGREE, 8 IN.	
41	WATER MAIN, VALVE, GATE, DIP, 4 IN.	
42	WATER MAIN, VALVE, GATE, DIP, 8 IN.	
43	WATER MAIN, REDUCER, 8X4	
44	WATER MAIN, REDUCER, 8X6	
45	WATER MAIN, FIRE HYDRANT ASSEMBLY	FIRE HYDRANT ASSEMBLY INCLUDES, BUT IS NOT LIMITED TO, FITTINGS, HYDRANT VALVE, 3 LB. MAGNESIUM ANODES AND OTHERS AS REQUIRED BY STANDARD AND SUPPLEMENTAL SPECIFICATIONS. ANODES SHALL BE INSTALLED AT ALL HYDRANTS AND AS SHOWN ON SHEET P-01. AND C-01 PLACE HYDRANT LEAD VALVES NEAR HYDRANT TEE. HYDRANT TEES SHOULD BE M J X SW WITH M J GATE VALVES DIRECTLY ATTACHED TO THE BRANCH SIDE OF THE TEE. EACH FIRE HYDRANT ASSEMBLY SHALL HAVE 10' OF SPACING BETWEEN THE HYDRANT TEE CENTER AND THE HYDRANT BARREL CENTER.
46	WATER MAIN, FIRE HYDRANT ASSEMBLY, RELOCATION	RELOCATE DUBUQUE ROAD HYDRANT AND 8" X 6" REDUCER WITH NEW 8"X8" TEE, LEAD, SPOOL & VALVE. RELOCATE KNUDSEN AVE HYDRANT WITH NEW 8"X6" REDUCER, 8"X8" TEE, LEAD, SPOOL & VALVE. SEE SHEET P-02 & P-03 FOR LOCATIONS.
47	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. (TRUSS)	ALL GRAVITY MAIN SEWER MUST BE TRUSS TYPE PVC. SEE TAB ON SHEET C-01 FOR SANITARY SEWER PIPE LOCATIONS. TYPE F3 BEDDING (3010.103) IS REQUIRED AND CONSIDERED INCIDENTAL TO THIS ITEM.
48	TV INSPECTION	SEE SECTION 6030 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. TV SANITARY SEWER INSPECTION SHALL BE PERFORMED BY CONTRACTOR.
49	LOW PRESSURE AIR TESTING	SEE SECTION 6030 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. LOW PRESSURE AIR TEST SHALL BE PERFORMED BY CONTRACTOR WITH CITY REPRESENTATIVE PRESENT. AIR TESTING TO BE PERFORMED ON ALL SANITARY SEWER INSTALLED. SANITARY MANHOLES TO BE TESTED IN ACCORDANCE WITH SUDAS AND CITY OF EVANSDALE SPECIFICATIONS. ALL TEST THAT DO NOT COMPLY WITH THE SPECIFICATIONS SHALL BE REPAIRED AND RETESTED AT THE COST OF THE CONTRACTOR.
50	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	SEE SECTION 4010 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. SEE SHEET C-01 FOR LOCATIONS AND RIM ELEVATIONS.
51	HMA TRANSITION PAVING, 4 IN.	SEE SECTION 7020 IN IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS. SEE SHEET R-02 FOR TRANSITION PAVING DETAIL.
52	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.	SEE TAB ON SHEET C-01 FOR LOCATION AND DETAILS. SEE SECTION 4040 OF SUDAS FOR INSTALLATION STANDARDS AND APPROVED OUTLETS.



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**Norma Ave. Extension
Evansdale, Iowa
ESTIMATE REFERENCE**

REVISIONS			
NO.	DATE	BY	REVISION
6			
5			
4			
3			
2			
1			

DATE: **06/09/2015**
DRAWN BY: **NBREW**
CHECKED: _____
APPROVED: _____
PROJECT NUMBER: **943-15**
Drawing No. _____

B-03

Storm Water Pollution Prevention Plan

I. PERMITS, PLANS AND REPORTS

A. PERMIT: The OWNER or GENERAL CONTRACTOR, as spelled out in the contract agreement, shall obtain a NPDES Phase II, General Permit No. 2, "Storm Water Discharge Associated with Industrial Activity for Construction Activities." Permit shall be obtained in compliance with all requirements of the Iowa Department of Natural Resources (IaDNR). The GENERAL CONTRACTOR and all SUBCONTRACTORS shall sign the SWPPP acknowledging the certification found at the end of this document.

B. PLANS, RECORDS AND REPORTS: The CONTRACTOR shall maintain at the job site, or other IaDNR approved location, the NPDES Permit and all supporting documentation; the SWPPP with all amendments; all inspection, maintenance and repair reports; and a record of dates when major grading activities occur. These permit, plan, inspection and maintenance documents, and reports record the implementation, inspection, and maintenance of the pollution prevention measures. All such documentation and records shall be retained for a period of 3 years after the completion of final site stabilization. All documents and reports shall contain the following certification statement and be signed in accordance with the signatory requirements found in the general permit (i.e., principal executive officer, vice-president, general partner, proprietor, elected official).

DOCUMENT CERTIFICATION STATEMENT (SWPPP, Inspection Reports, Maintenance and Repair Action Reports, etc.)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This certification must include the name and title of the person providing the signature; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification is made.

C. SUBMISSION OF REPORTS: Unless specified otherwise in the contract documents, signed and certified copies of all inspection and maintenance reports shall be submitted to the OWNER or ENGINEER together with the submission of monthly Requests for Payment. Payment will be withheld if inspection reports are not current.

D. NOTICE OF DISCONTINUANCE: Within 30 days after final stabilization of the site, the OWNER or GENERAL CONTRACTOR, as appropriate, shall file a Notice of Discontinuance in accordance with IaDNR requirements.

II. SITE EVALUATION AND ASSESSMENT

A. PROJECT DESCRIPTION: Norma Ave. Extension, Evansdale Iowa.

B. SITE AREA: Total Area: 1.75 Acres Disturbed Area: 1.75 Acres

C. SOIL DATA: Soil Type (B)

Developed Site Runoff Coefficient c = 0.30

D. See drawings for drainage patterns, slopes, location of controls, discharge points, and any surface waters.

E. SITE DRAINAGE OUTLETS TO: City detention pond, then through unnamed channel to another city detention area, then through gateway to Elk Run Creek to Cedar River

III. EROSION, SEDIMENT, AND POLLUTION CONTROL MEASURES

A. STABILIZATION MEASURES: Stabilization measures may include, but are not limited to temporary seeding, permanent seeding and planting, mulching, use of geotextiles, chemical stabilization, sod stabilization, vegetative buffer strips, protection of trees, preservation of natural vegetation, dust control, soil retaining measures, and stream bank stabilization.

Unless otherwise directed by the plans and specifications, apply temporary or permanent seeding, mulch, any necessary erosion control facilities upon completion of grading. In those areas, which will not be disturbed for other construction, permanent seeding should be applied. Re-seed, if necessary, when damaged by other construction.

B. STRUCTURAL CONTROL MEASURES: Iowa's General Permit No. 2 requires that the pollution prevention plan include structural practices to divert flows away from disturbed areas, to store flows, or to limit the discharge of pollutants from the site to the degree attainable. Structural control measures may include, but are not limited to use of earthen dikes, silt fences, sediment traps, sediment basins, brush barriers, drainage swales, subsurface drains, level spreaders, storm drain inlet protection, reinforced soil retaining systems, and gabions.

C. OTHER CONTROL MEASURES: In addition to erosion and sediment controls, the Pollution Prevention Plan for this project must address the other potential pollutant sources that may exist on the construction site. These controls include proper disposal of construction site waste disposal, compliance with applicable State or local waste disposal, sanitary sewer or septic system regulations, control of off-site vehicle tracking, and control of allowable non-storm water discharges to prevent contamination of or by non-storm water discharges.

D. STORM WATER MANAGEMENT CONTROLS: Permanent storm water management controls as called for in the plans shall be complete and operational at completion of construction activities, unless otherwise called for by the contract documents. Such measures typically include retention and detention ponds, infiltration measures, vegetated swales and natural depressions, etc.

E. CONSTRUCTION SCHEDULE AND SEQUENCE OF ACTIVITIES: Before beginning construction, the CONTRACTOR shall prepare a Construction Schedule and submit it for approval. The schedule shall include the sequence of major activities, implementing the SWPPP, including the installation of all the controls, earth disturbing activities, all stabilization activities, and the maintenance required for the controls. The sequence should clearly indicate the order in which each of the activities described takes place. Several general principles are helpful in developing the sequence of major activities:

- Install down slope and side slope perimeter controls before the land disturbing activity occurs.
- Do not disturb an area until it is necessary for construction to proceed.
- Cover or stabilize disturbed areas as soon as possible.
- Time construction activities to limit impact from seasonal climate changes or weather events.
- Delay construction of infiltration measures until the end of the construction project when upstream drainage areas have been stabilized.
- Do not remove temporary perimeter controls until after all upstream areas are finally stabilized.

F. PROJECT PLAN: The project plans reflect existing natural and constructed drainage features, and all permanent erosion control measures to be constructed as a part of the project. Temporary pollution control measures are indicated on the plans, however these are subject to modification and supplementation on-site as required by the OWNER or ENGINEER, and/or as may become obvious to the person responsible for the project SWPPP implementation.

IV. CONSTRUCTION AND IMPLEMENTATION

A. IMPLEMENT CONTROLS: The first action to be taken is to construct or perform the controls over erosion, sedimentation and other waste that are detailed in the plans, or otherwise indicated by common practice and current conditions. The controls must be constructed in the order indicated in the Construction Schedule developed above. Stabilization controls (measures) must be applied within the time frame specified in the general permit, which are as follows:

- Except as precluded by snow cover, temporary and permanent stabilization measures shall be initiated on all disturbed areas as soon as practical but in no case where construction activity will not occur for a period of 14 or more calendar days later than the 7th day after no construction activity has occurred on such area.
- When precluded by snow cover stabilization measures shall be initiated as soon as practical thereafter.
- To ensure that all controls are adequately implemented, it is important that the work crews who install the measures are experienced and/or adequately trained. Improperly installed controls can have little or no effect and may actually increase the pollution in storm water. It is also important that all other workers on the construction site be made aware of the controls so that they do not inadvertently disturb or remove them.

It is the contractors responsibility to protect adjoining property, utilities, sanitary and storm sewers, streets, etc. from damage from site runoff, siltation, or tracking of debris from this project. If damage occurs, the CONTRACTOR shall make repairs at no cost to the owner.

B. INSPECT AND MAINTAIN CONTROLS: The contractor's superintendent shall inspect and maintain the protective measures a minimum of once every 7 days, each 24 hours during extended rainfall events, and after every rain of 0.5 inch or greater. The inspection must include all disturbed areas of the site, areas of material storage, locations where vehicles enter and exit the site, and all of the sediment and erosion control measures in place. Any repair or maintenance action determined to be necessary shall be initiated immediately.

In particular, as the most common measure for pollution control, maintenance of silt fences shall include:

- Should the fabric of a silt fence collapse, tear, decompose or otherwise become ineffective, replace it within 24 hours of discovery.
- Remove trapped sediment after each storm event occurring during the construction period.
- Deposits shall be removed when they reach 1/3 the height of the barrier.
- Sediment remaining after the barrier is no longer needed shall be dressed to conform to existing grades, prepared and seeded.

The inspector must prepare a written report summarizing his inspection. It shall include as a minimum:

1. The name and qualifications of the person making the inspection.
2. The date of the inspection
3. Identify any damages or deficiencies in the control measures
4. Identify actions taken to correct the problems found
5. Identify what actions will be taken to modify procedures.
6. Inspection reports must contain the certification statement indicated in Section I. B. above, with signature of appropriate company official.

C. MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES: In addition to the inspection and maintenance reports, the operator should keep records of the construction activity on the site. In particular, the operator should keep a record of the following information:

- The dates when major grading activities occur in a particular area.
- The dates when construction activities cease in an area, temporarily or permanently.
- The dates when an area is stabilized, temporarily or permanently.
- These records can be used to make sure that areas where there is no construction activity will be stabilized within the required time frame.

D. UPDATE/CHANGE THE PLAN TO KEEP THE PLAN CURRENT: For a construction activity to be in full compliance with its NPDES storm water general permit, and for the Storm Water Pollution Prevention Plan to be effective, the plan must accurately reflect site features and operations. When it does not, the plan must be changed. The plan must also be changed if the operator observes that it is not effective in minimizing pollutant discharge from the site. In addition, the pollution prevention plan shall be updated to include contractors identified after the submittal of the Notice of Intent. These contractors shall certify the plan and be identified as co-permittees and identify any change in ownership or transference of the permit and permit responsibilities. If, at any time during the effective period of the permit, the IaDNR finds that the plan does not meet one or more of the minimum standards established in the general permit, the IaDNR will notify the permittee of required changes necessary to bring the plan up to standard. Permittees shall have 7 days after notification to make the necessary changes.

E. REPORT ANY HAZARDOUS CONDITION AND UPDATE THE PLAN: Because construction activities may include handling of certain hazardous substances over the course of the project, spills of these substances may create a hazardous condition and are required to be reported. Iowa law requires that as soon as possible, but not more than six hours after the onset of a hazardous condition (spill), the IaDNR and local Sheriff's Office or the Office of the Sheriff of the affected county be notified. The pollution prevention plan shall describe the release and the circumstances leading to the release. The storm water pollution prevention plan must be modified within 14 calendar days of a hazardous condition to incorporate appropriate provisions to prevent a recurrence, and such measures shall be immediately implemented.

F. PLAN LOCATION AND ACCESS: The general permit has specific requirements regarding plan location and access. A copy of the Pollution Prevention Plan must be kept at the construction site from the time construction begins until the site has reached final stabilization. If it is not practical to maintain such records on-site, then other appropriate arrangements must be made to the satisfaction of the IaDNR. Although plans and associated records are not necessarily required to be submitted to the IaDNR, these documents must be made available upon request to the Department of Natural Resources. If storm water runoff is discharged to a municipal separate storm sewer system, the plans must be made available upon request to the municipal operator of the system.

SWPPP CERTIFICATION:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

NAME AND TITLE	SIGNATURE	DATE

CONTRACTOR AND SUBCONTRACTOR RESPONSIBILITY CERTIFICATION STATEMENT

"I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site as part of this certification. Further, by my signature, I understand that I am becoming a co-permittee, along with the owner(s) and other contractors and subcontractors signing such certifications, to the Iowa Department of Natural Resources NPDES General Permit No. 2 for "Storm Water Discharge Associated with Industrial Activity for Construction Activities" at the identified site. As a co-permittee, I understand that I, and my company, are legally required under the Clean Water Act and the Code of Iowa, to ensure compliance with the terms and conditions of the storm water pollution prevention plan developed under this NPDES permit and the terms of this NPDES permit."

This certification must include the name and title of the person providing the signature; the name, address and telephone number of the contracting firm, and the date the certification is made. (Add additional lines or attach separate signature sheet as necessary).

NAME AND TITLE	SIGNATURE	COMPANY AND ADDRESS	PHONE NUMBER	DATE



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Norma Ave. Extension
Evansdale, Iowa
SWPPP NOTES

REVISIONS			
NO.	DATE	BY	REVISION
6			
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DATE: 06/09/2015
DRAWN BY: NBREW
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PROJECT NUMBER: 943-15
Drawing No.

B-04



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Norma Ave. Extension

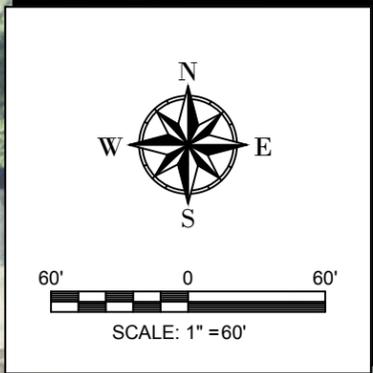
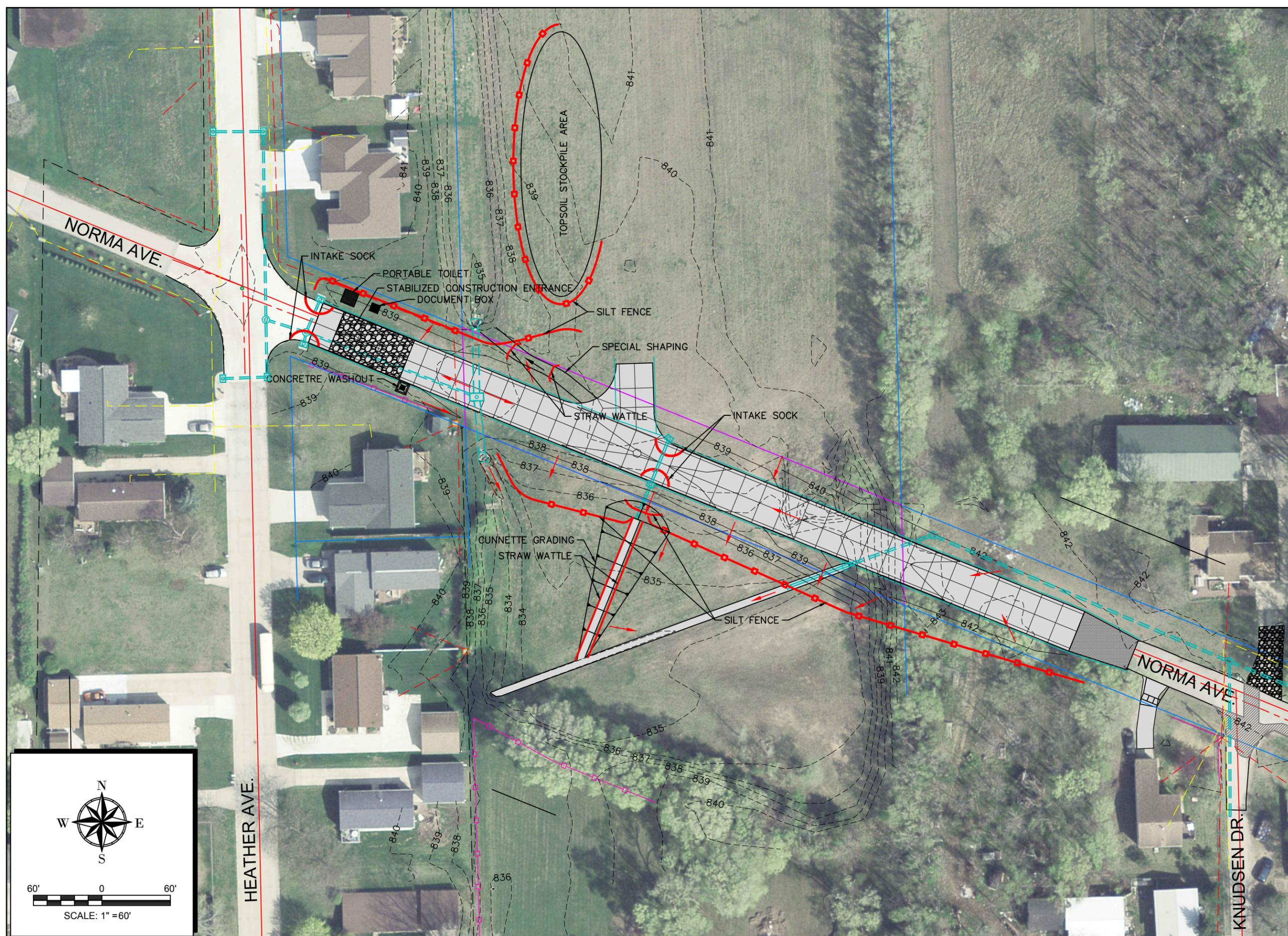
Evansdale, Iowa

POST GRADING SWPPP

REVISIONS			
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DATE: 06/09/2015
DRAWN BY: NBREW
CHECKED: _____
APPROVED: _____
PROJECT NUMBER: 943-15
Drawing No.

B-05



G:\Evansdale\Norma Avenue Design (943 - 15)\Draws\Preliminary Plans\B-05 POST GRADING SWPPP.dwg, Plot Date: 7/1/2014, 3:07PM

SANITARY SEWER TABULATIONS

LIST OF UTILITY ACCESSES FOR SANITARY SEWER

NUMBER	LOCATION	STANDARD ROAD PLAN	FG ELEVATION	BOTTOM WELL ELEVATION	INLET ELEVATION	OUTLET ELEVATION	DIAMETER	NOTES
SA-01	12+27.90 0.00	SW-301	837.99	829.68	830.28	830.18	48"	

LIST OF SANITARY SEWER PIPE

LINE NUMBER	FROM	TO	TYPE OF PIPE	PIPE DIAMETER INCHES	DESIGN LENGTH FEET	SLOPE %	INLET F.L. ELEVATION	OUTLET F.L. ELEVATION	PIPE PROFILE SHEET NO.	NOTES
S-01	EX. STUB	SA-01	PVC TRUSS PIPE	8	80	0.40%	830.60	830.28	P-01	
S-02	SA-01	STUB	PVC TRUSS PIPE	8	107	0.40%	830.18	829.75	P-01	

STORM SEWER TABULATIONS

LIST OF STORM SEWER PIPE

LINE NUMBER	FROM	TO	PIPE DIAMETER INCHES	RCP LENGTH FEET	SLOPE %	INLET F.L. ELEVATION	OUTLET F.L. ELEVATION	NOTES
P-01	I-01	I-02	15	29.11	0.52%	834.58	834.43	
P-02	I-02	A-203	15	20.00	0.50%	834.33	834.23	
P-03	EX. PIPE	A-204	15	42.00	0.12%	834.54	834.49	

LIST OF INTAKES AND UTILITY ACCESSES

NUMBER	LOCATION	SUDAS STORM SEWER STRUCTURE FIGURE	FORM GRADE ELEVATION	BOTTOM WELL ELEVATION	INLET ELEVATION	OUTLET ELEVATION	NOTES
I-01	12+43.81 -16.64 LT	SW-507	837.68	834.08		834.58	
I-02	12+43.81 15.50 RT	SW-507	837.68	833.83	834.43	834.33	

TABULATION OF WATER FITTINGS

ID#	STREET NAME	STATION	OFFSET	PROPOSED FITTINGS	Notes
1	NORMA AVE	010+04.15	13.51'	FITTINGS, 45 DEGREE 6 IN.	HORIZONTAL BEND
2	NORMA AVE	010+09.22	18.58'	FITTINGS, 45 DEGREE 6 IN.	HORIZONTAL BEND
3	NORMA AVE	010+13.12	18.58'	REDUCER, 8X6	
4	NORMA AVE	012+61.47	18.62'	FITTINGS, TEE, 8X8	
5	NORMA AVE	012+55.44	-25.38'	FIRE HYDRANT ASSEMBLY	
6	NORMA AVE	012+61.46	-29.88'	FITTINGS, 22.5 DEGREE, 8 IN.	HORIZONTAL BEND
7	NORMA AVE	012+56.70	-40.75'	VALVE, GATE DIP, 8 IN.	
8	NORMA AVE	016+44.86	18.69'	VALVE, GATE DIP, 8 IN.	
9	NORMA AVE	016+70.17	18.69'	FITTINGS, TEE, 8X8	
10	NORMA AVE	016+70.07	23.20'	FITTINGS, 22.5 DEGREE, 8 IN.	HORIZONTAL BEND
11	NORMA AVE	016+71.33	26.00'	REDUCER, 8X4	
12	NORMA AVE	016+72.97	29.86'	VALVE, GATE DIP, 4 IN.	
13	NORMA AVE	016+86.06	18.69'	FIRE HYDRANT ASSEMBLY	RELOCATED
14	NORMA AVE	018+13.27	18.71'	FITTINGS, 45 DEGREE, 8 IN.	HORIZONTAL BEND
15	NORMA AVE	018+16.27	15.72'	VALVE, GATE DIP, 8 IN.	
16	NORMA AVE	018+21.98	10.00'	FITTINGS, 45 DEGREE, 8 IN.	HORIZONTAL BEND
17	NORMA AVE	018+24.61	9.94'	REDUCER, 8X6	
18	DUBUQUE ROAD	1001+11.57	13.37'	FITTINGS, TEE, 8X8	
19	DUBUQUE ROAD	1001+09.23	-5.43'	FITTINGS, PLUG, 8 IN.	
20	DUBUQUE ROAD	1001+09.7	-3.22'	FIRE HYDRANT ASSEMBLY	RELOCATED
21	DUBUQUE ROAD	1001+08.35	-12.43'	FITTINGS, 90 DEGREE, 8 IN.	HORIZONTAL BEND
22	DUBUQUE ROAD	1001+60.01	10.59'	FITTINGS, 90 DEGREE, 8 IN.	HORIZONTAL BEND
23	DUBUQUE ROAD	1001+60.01	-8.00'	FITTINGS, 90 DEGREE, 8 IN.	HORIZONTAL BEND
24	DUBUQUE ROAD	1003+74.88	-8.00'	FITTINGS, TEE, 8X8	
25	DUBUQUE ROAD	1003+78.32	-8.00'	VALVE, GATE DIP, 8 IN.	
26	DUBUQUE ROAD	1003+79.52	-8.00'	FITTINGS, PLUG, 8 IN.	
27	DUBUQUE ROAD	1003+74.88	-3.50'	FITTINGS, 22.5 DEGREE, 8 IN.	HORIZONTAL BEND

TABULATION OF WATER SERVICES

Station Offset @ Main	Station Offset @ End	Est. LF	Proposed Water Service	Notes
016+67.35 18.69 RT	016+50.55 -33.31 LT	55'	1" COPPER	SEE SHEET P-02

SIGNING SCHEDULE

SIGN NUMBER	LOCATION	QUANTITY EACH	DIM. "X" FEET	DIM. "Y" FEET	MUTCD TYPE	SIZE INCHES	AREA SF	WOOD POSTS 4"x4" LF	COMMENTS
1	NE CORNER OF HEATHER AVE & NORMA AVE	1	2	7	R1-1	36x36	9	Note 3	STOP

SIGNING SCHEDULE NOTES

- "X" DIMENSION SIGNIFIES THE DISTANCE FROM EDGE OF PAVEMENT TO EDGE OF SIGN.
- "Y" DIMENSION SIGNIFIES THE DISTANCE FROM BASE OF THE POLE TO THE BOTTOM OF THE SIGN.
- STREET DESIGNATION SIGNS SHALL BE MOUNTED ON 12 FT LONG SQUARE TUBE TELESPAR POSTS AND SHALL HAVE LEGEND ON BOTH SIDES OF SIGN. MOUNTING BRACKETS INCIDENTAL TO BID ITEM.
- WHITE LETTERING ON GREEN, 4 IN. HIGH. FOR PUBLIC STREET SIGNS, DIVISION 1
- WHITE LETTERING ON BLUE, 4 IN. HIGH. FOR PRIVATE STREET SIGNS, DIVISION 2
- ALL SIGNS AND POSTS TO BE TYPE "A".
- POSTS TO BE INSTALLED AT A DEPTH OF 3 FEET FROM BOTTOM OF POST TO FINISH GRADE.

SUBDRAIN TABULATION

LINE NUMBER	LOCATION	LOCATION		DEPTH (IN FEET)	DIAMETER (IN INCHES)	LENGTH (IN FEET)	OUTLET STRUCTURE	CMP SIZE (IN INCHES)	RF-19c QTY	RF-19e QTY	NOTES
		FROM	TO								
SD-01	NORMA AVE	11+00.00	-15.0' LT	4'	6"	100'	EX. INTAKE	8"	1		0.5% SLOPE
SD-02	NORMA AVE	11+15.00	15.0' RT	4'	6"	115'	EX. INTAKE	8"	1		0.5% SLOPE
SD-03	NORMA AVE	11+90.67	-52.3' LT	4'	6"	41'	SD-07	8"	0		CONNECT TO SD-07
SD-04	NORMA AVE	12+14.47	-62.8' LT	4'	6"	56'	SD-07	8"	0		CONNECT TO SD-07
SD-05	NORMA AVE	15+80.40	-10.68' LT	4'	6"	334'	I-101	8"	1		
SD-06	NORMA AVE	15+80.40	11.96' RT	4'	6"	334'	I-102	8"	1		
SD-07	NORMA AVE	11+15.00	-15.0' LT	4'	6"	127'	I-101	8"	1		
SD-08	NORMA AVE	11+30.00	15.0' RT	4'	6"	111'	I-102	8"	1		
				TOTAL		1218'		TOTAL	6	0	



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Norma Ave. Extension
Evansdale, Iowa
TABULATIONS

REVISIONS			
NO.	DATE	BY	REVISION
6			
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4			
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1			

DATE: 06/09/2015
DRAWN BY: NBREW
CHECKED: | | |
APPROVED: | | |
PROJECT NUMBER: 943-15
Drawing No.

C-01



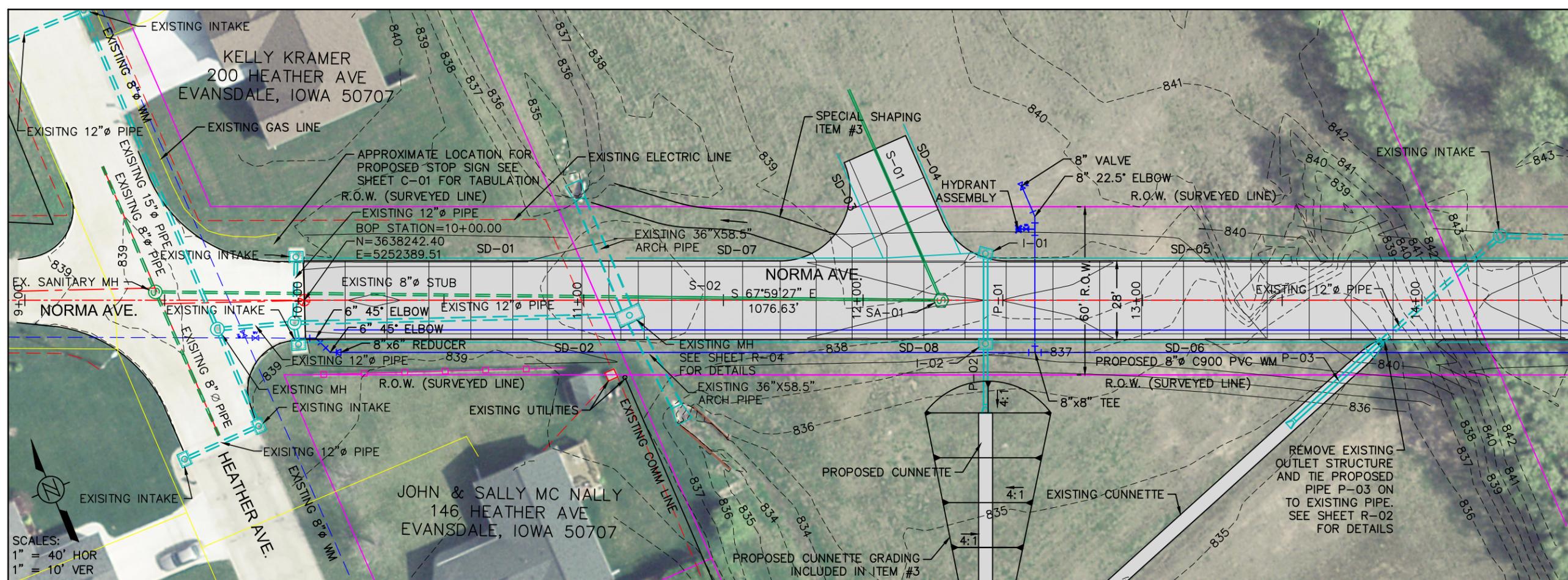
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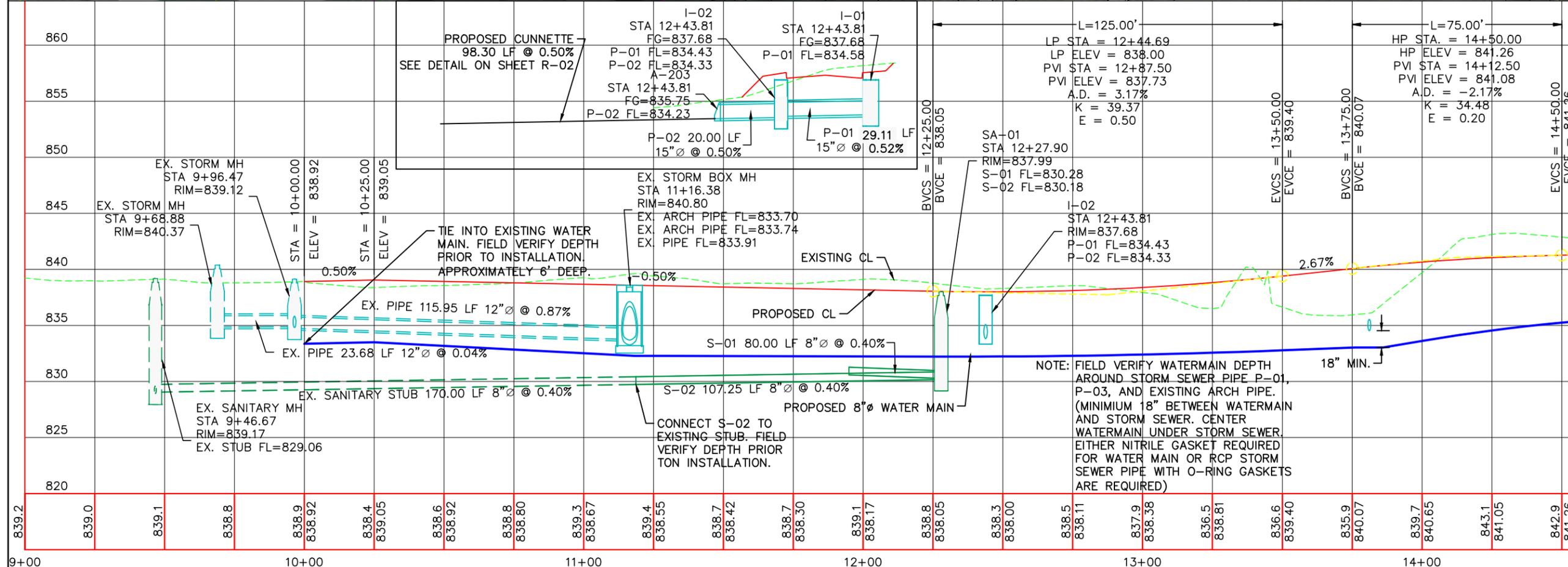
5106 Nordic Drive
Cedar Falls, Iowa
50613-6967

Phone: (319) 266-0258
Fax: (319) 266-1515
www.shoffengineers.com

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SCALES:
1" = 40' HOR
1" = 10' VER



Norma Ave. Extension Evansdale, Iowa

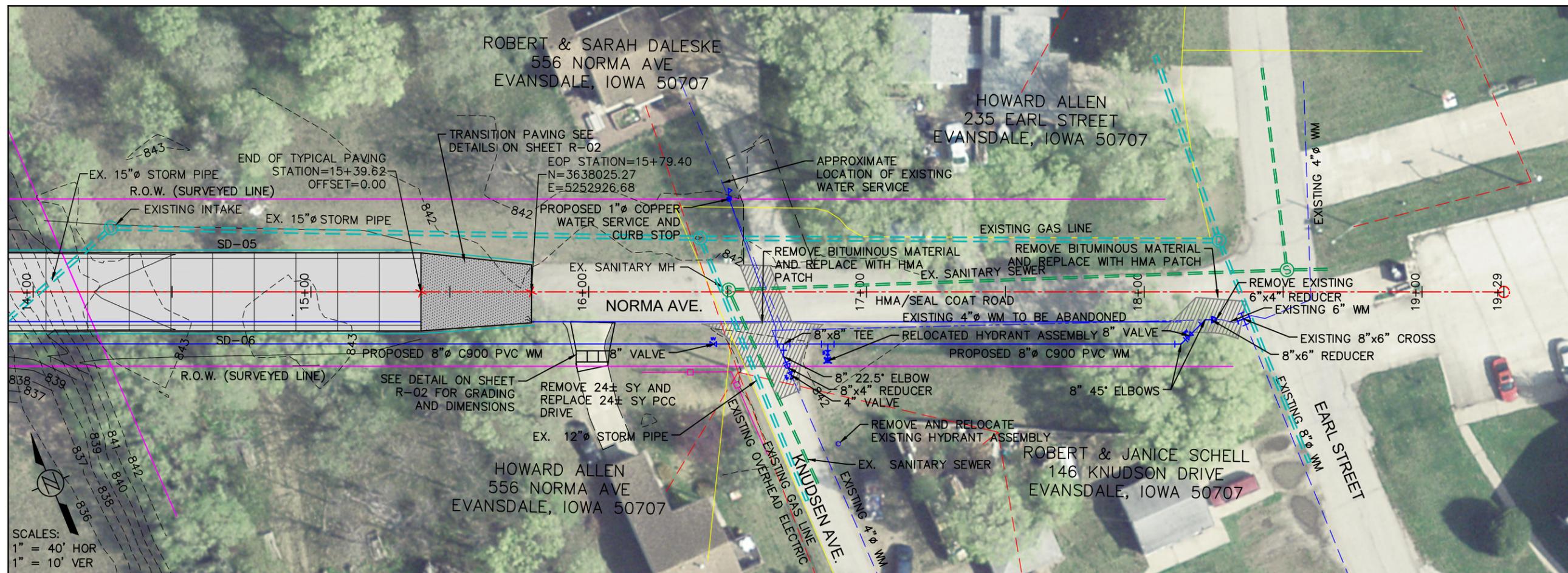
NORMA AVE. 10+00.00 TO 14+50.00

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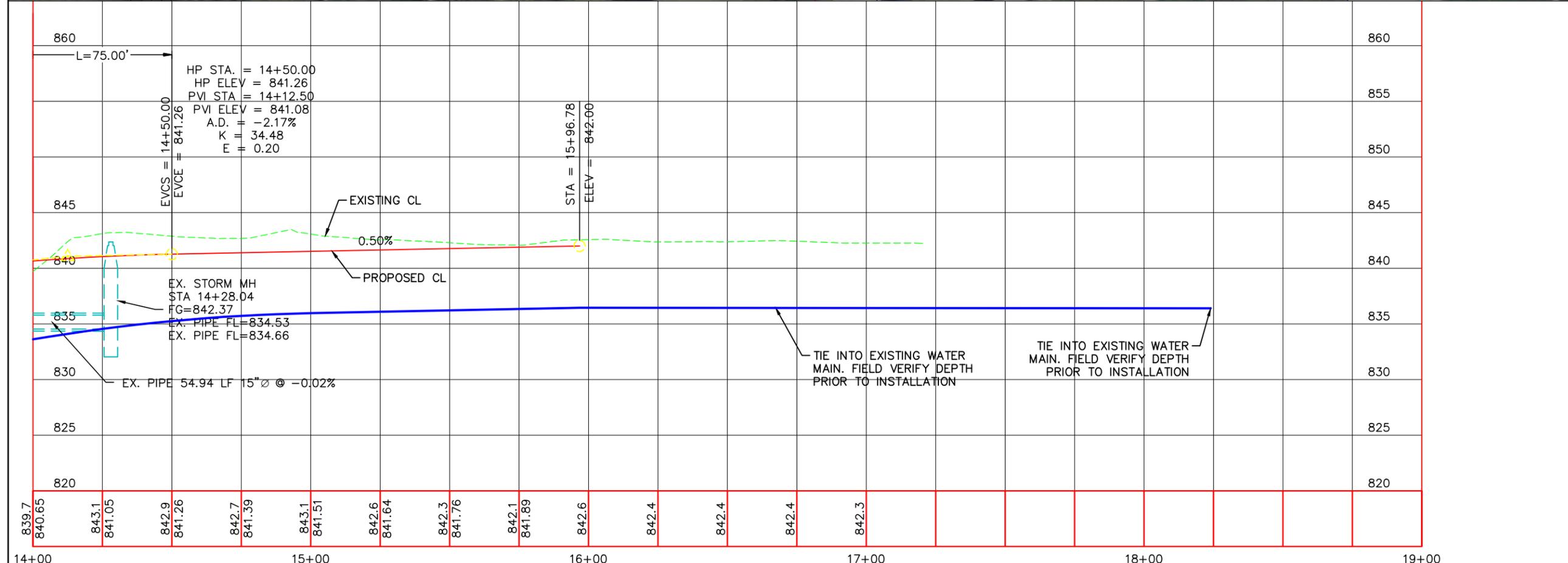
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CHECKED: _____
APPROVED: _____
PROJECT NUMBER: 943-15
Drawing No.

P-01

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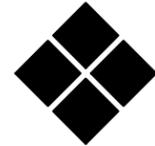
NORMA AVE. 14+50.00 TO 17+00

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 Drawing No.

P-02

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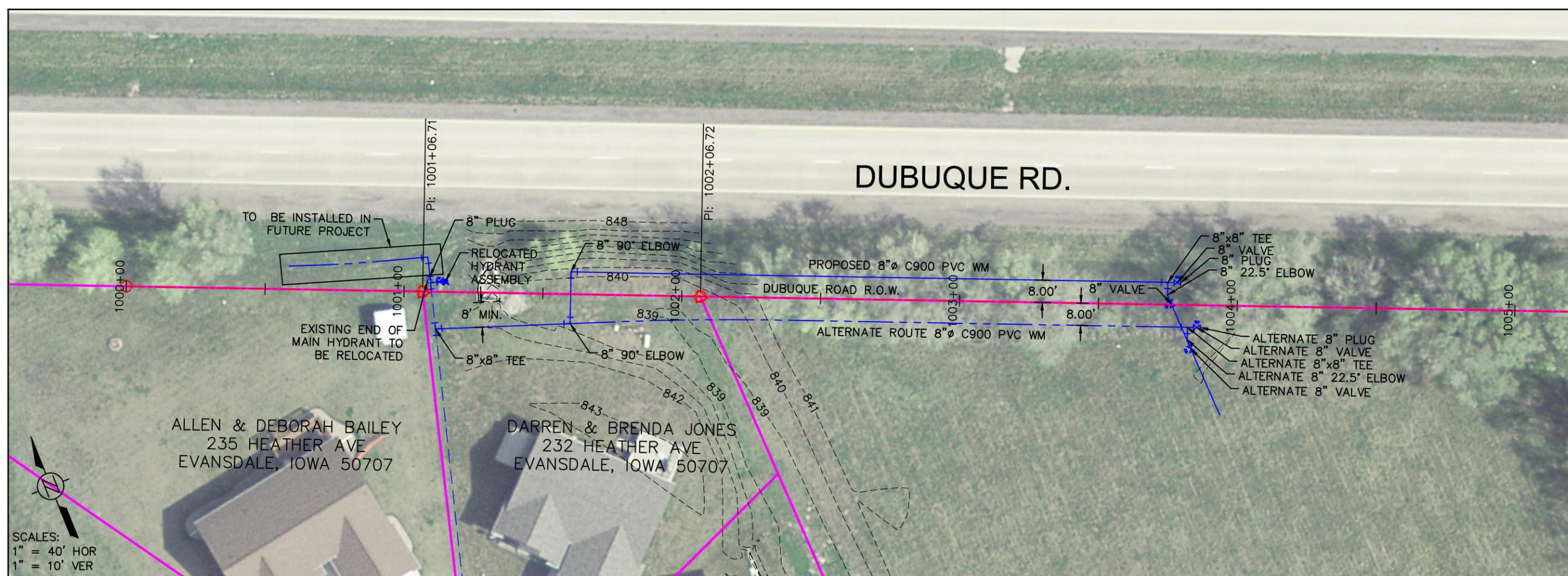
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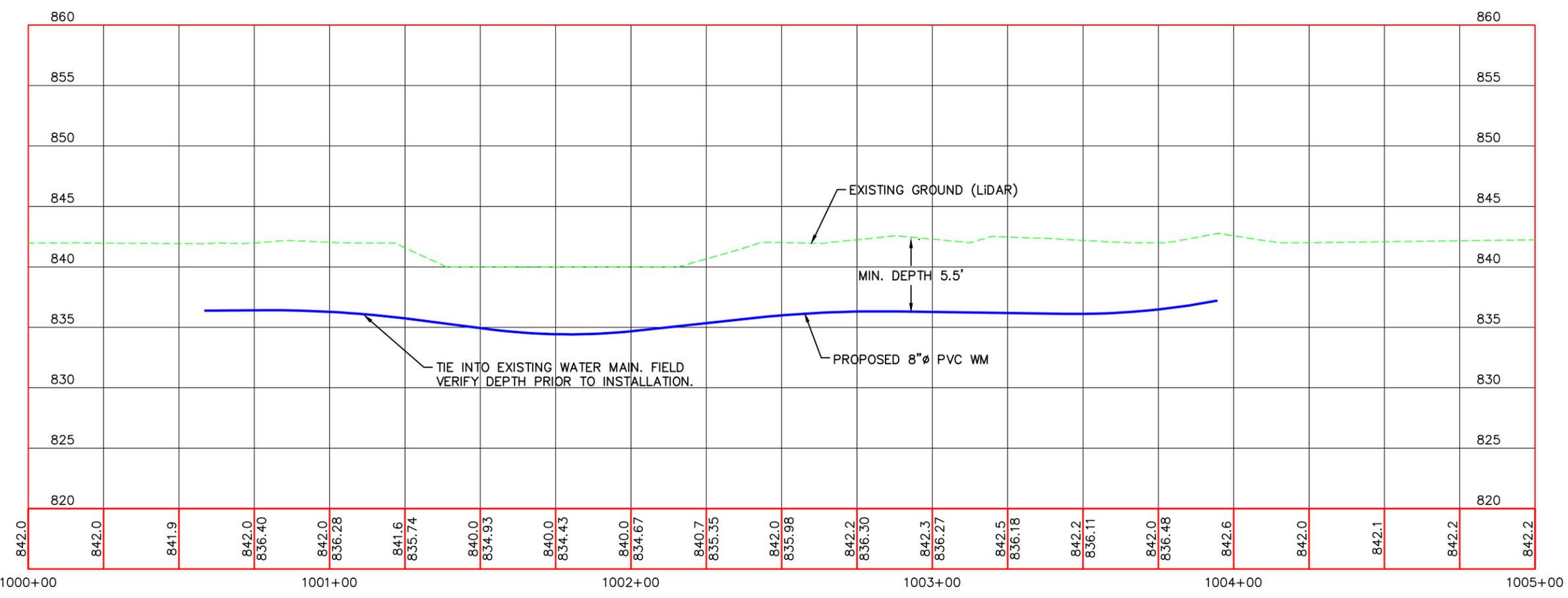
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DUBUQUE RD.



SCALES:
1" = 40' HOR
1" = 10' VER



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DUBUQUE ROAD WATER MAIN P&P

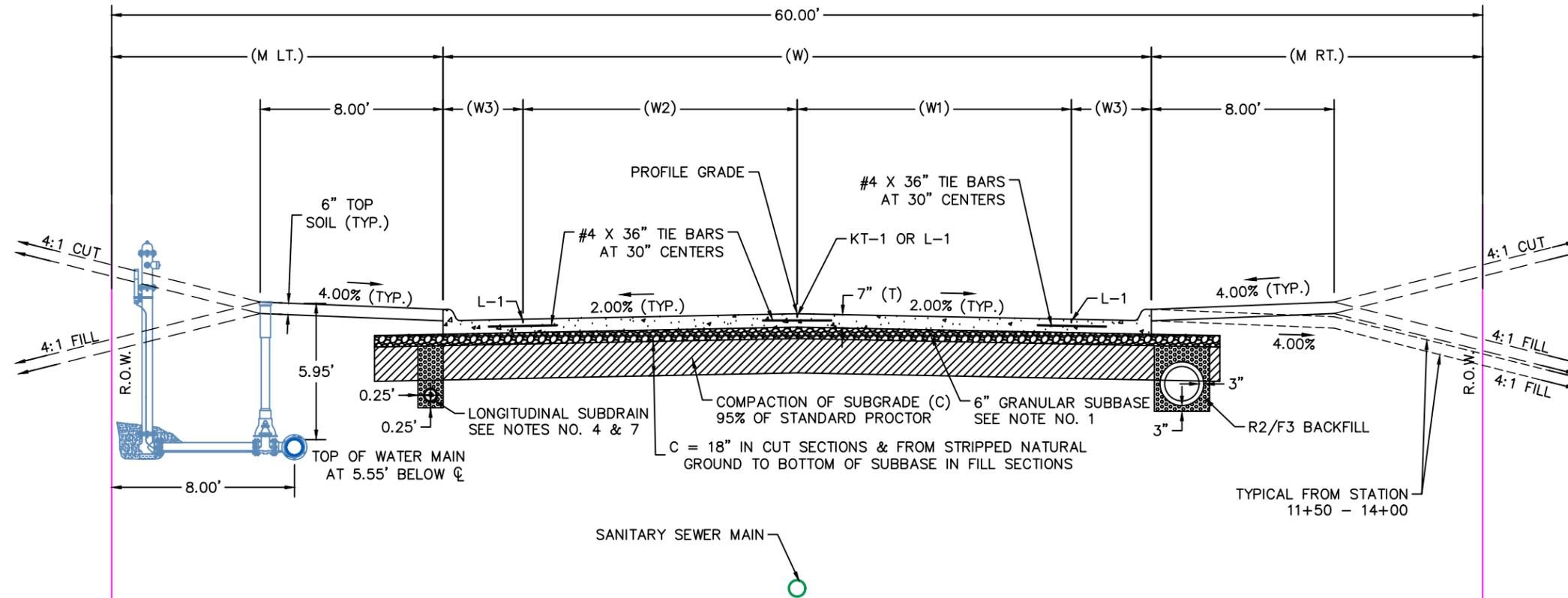
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PROJECT NUMBER: 943-15
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P-03

NOTES

1. GRANULAR SUBBASE SHALL CONFORM TO SECTION 2010 IN THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS.
2. GRANULAR SUBBASE SHALL EXTEND THREE FEET BEYOND THE BACK OF CURB.
3. ALL TIE BARS ARE TO BE EPOXY COATED.
4. POROUS BACKFILL IS TO BE INCIDENTAL TO LONGITUDINAL SUBDRAIN. DEPTH TO BE CONFIRMED AT TIME OF CONSTRUCTION. SUBDRAIN MATERIAL SHALL AND THE 2014 IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS
5. COARSE AGGREGATE TO HAVE CLASS 3 DURABILITY.
6. BACKFILL ADJACENT TO CURB IS INCIDENTAL TO CLASS "10" EXCAVATION.
7. SEE SUBDRAIN TABULATION SHEET C-03,



TYPICAL PAVEMENT SECTION

PAVEMENT SECTION TABULATION									
STREET NAME	W (FT.)	W1 (FT.)	W2 (FT.)	W3 (FT.)	T (IN.)	SW LT. (FT.)	SW RT. (FT.)	M LT. (FT.)	M RT. (FT.)
NORMA AVE.	28.0	12.0	12.0	2.0	7	6	4	19.4	12.6

NOTES:

1. W= BACK OF CURB TO BACK OF CURB
2. W1, W2, W3 REFER TO PAVEMENT SECTIONS.
3. T= THICKNESS
4. S= GRANULAR SUBBASE
5. C= COMPACTION OF SUBGRADE.
6. SEE PAVEMENT SECTION DETAILS
7. SEE SUPPLEMENTAL SPECIFICATION
8. SEE CROSS SECTION SHEETS FOR:
 - A). TYPICAL SLOPES , BACK OF CURB
 - B). CLASS 10 EXCAVATION LIMITS



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Evansdale, Iowa
TYPICAL PAVEMENT SECTION

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R-01



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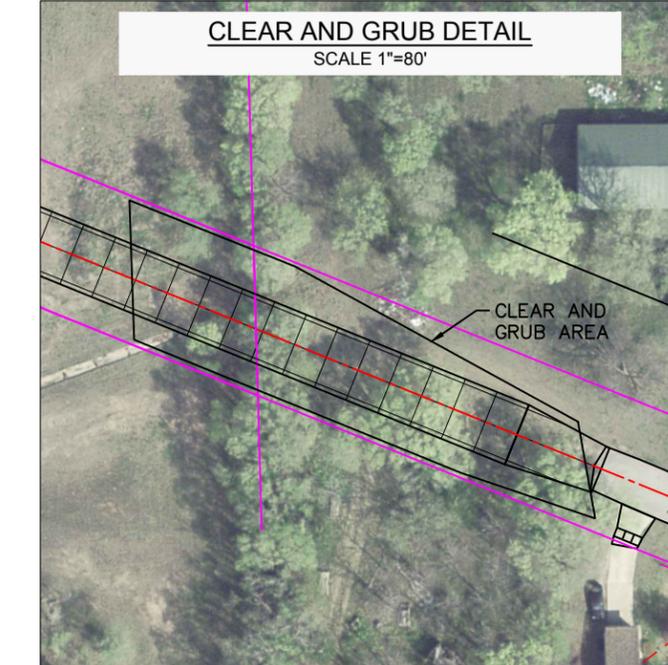
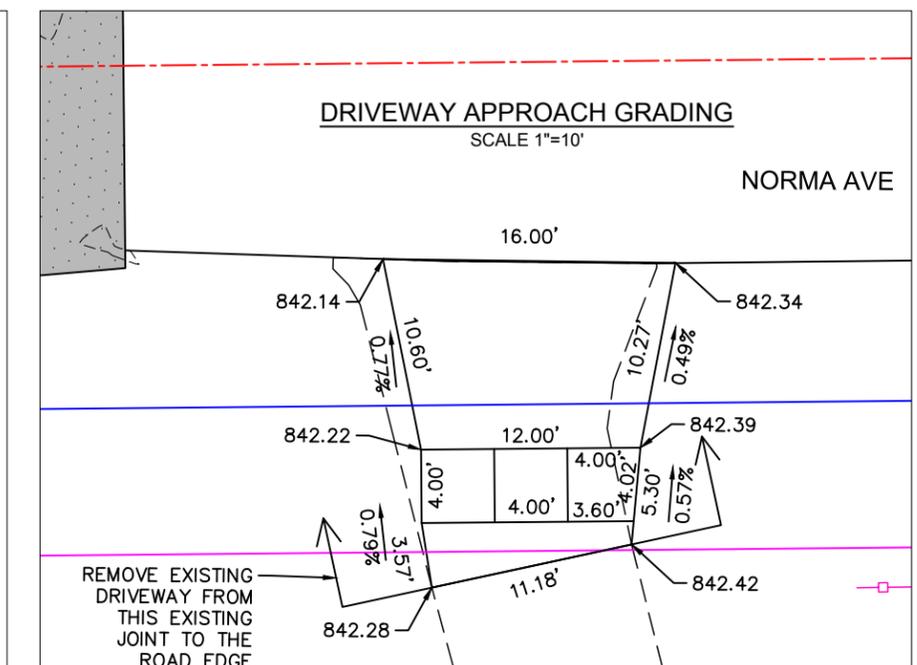
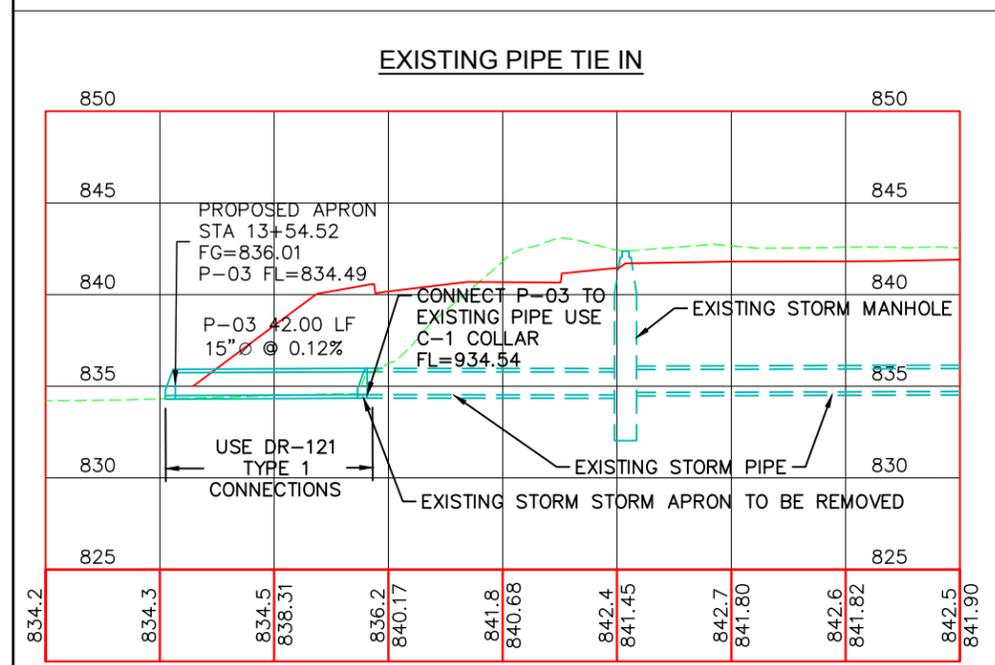
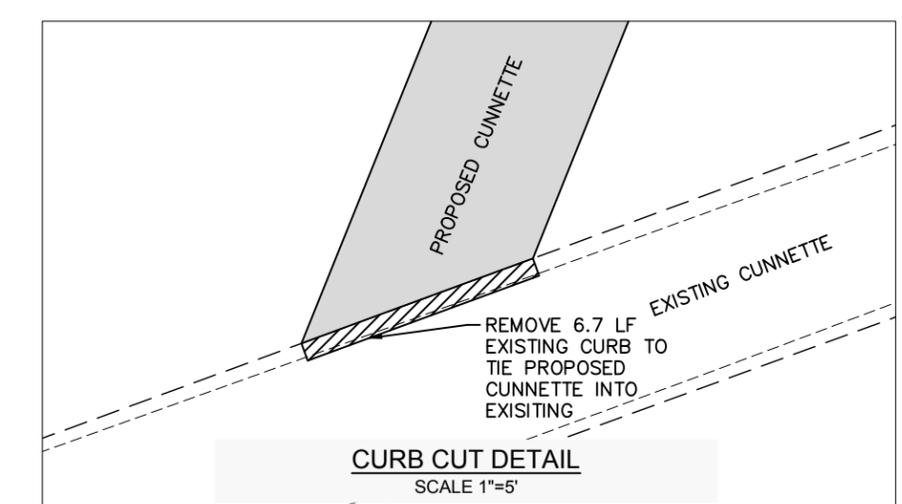
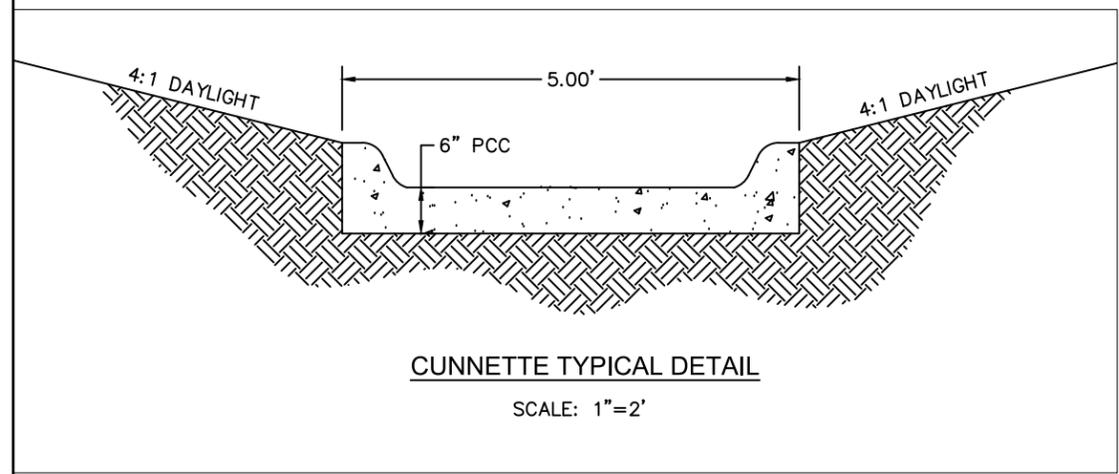
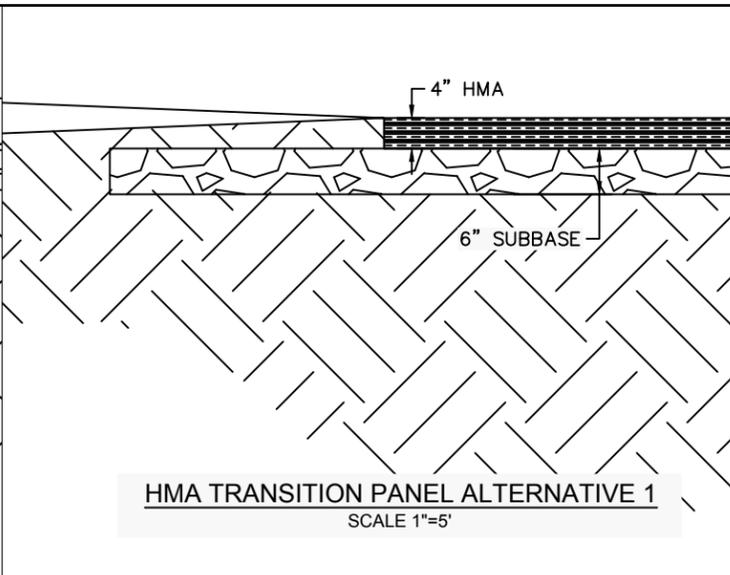
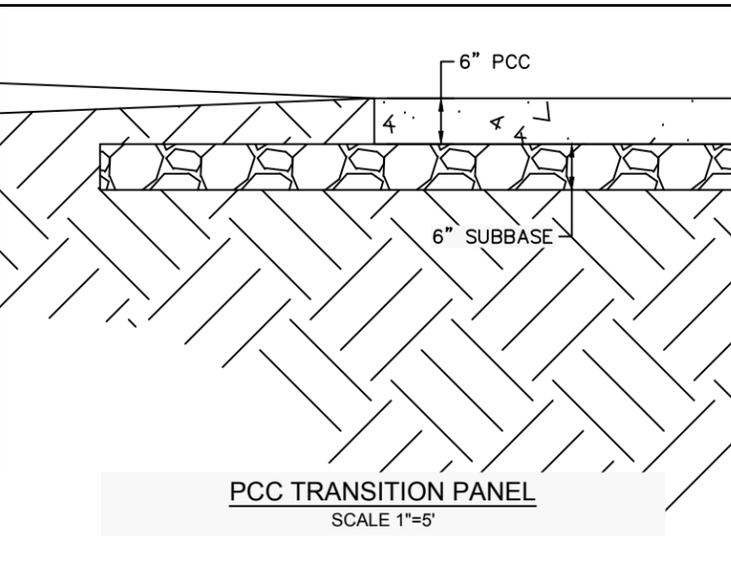
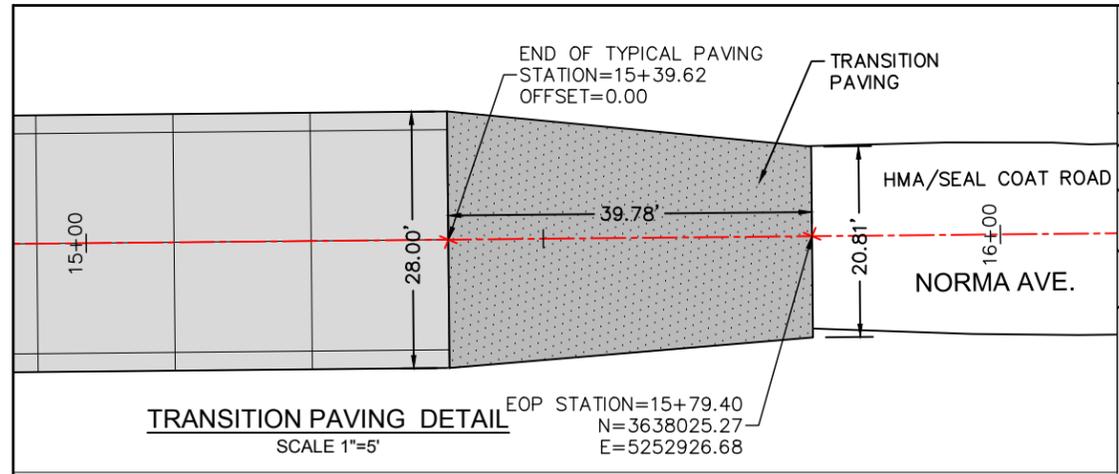
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TYPICAL DETAILS**



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R-02



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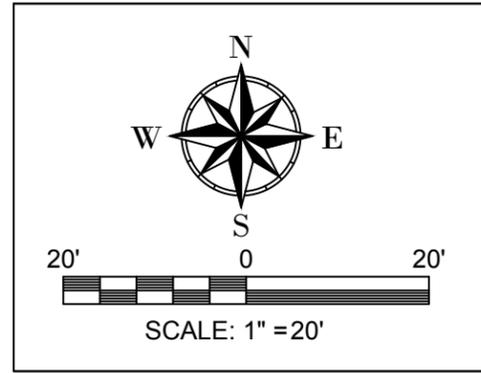
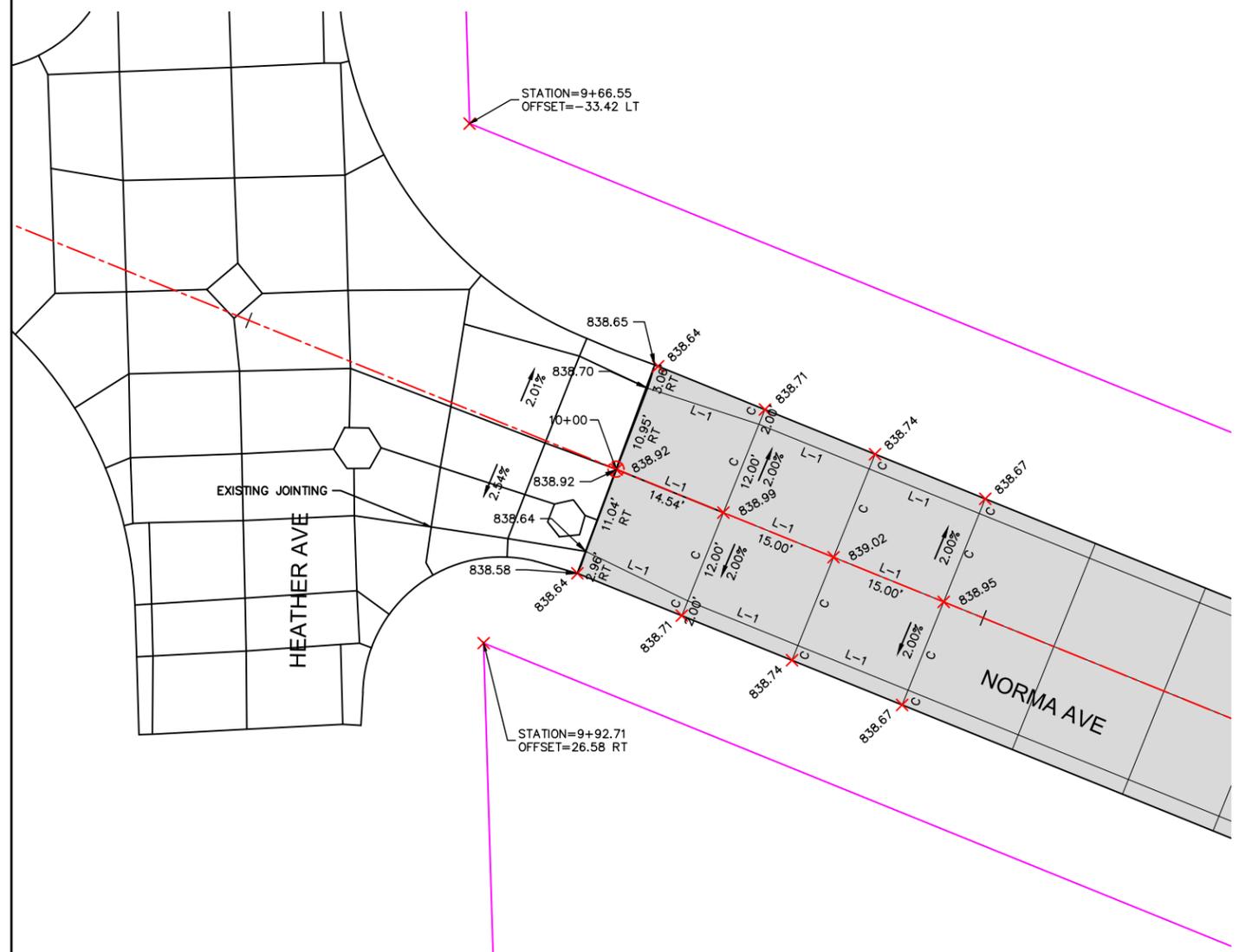
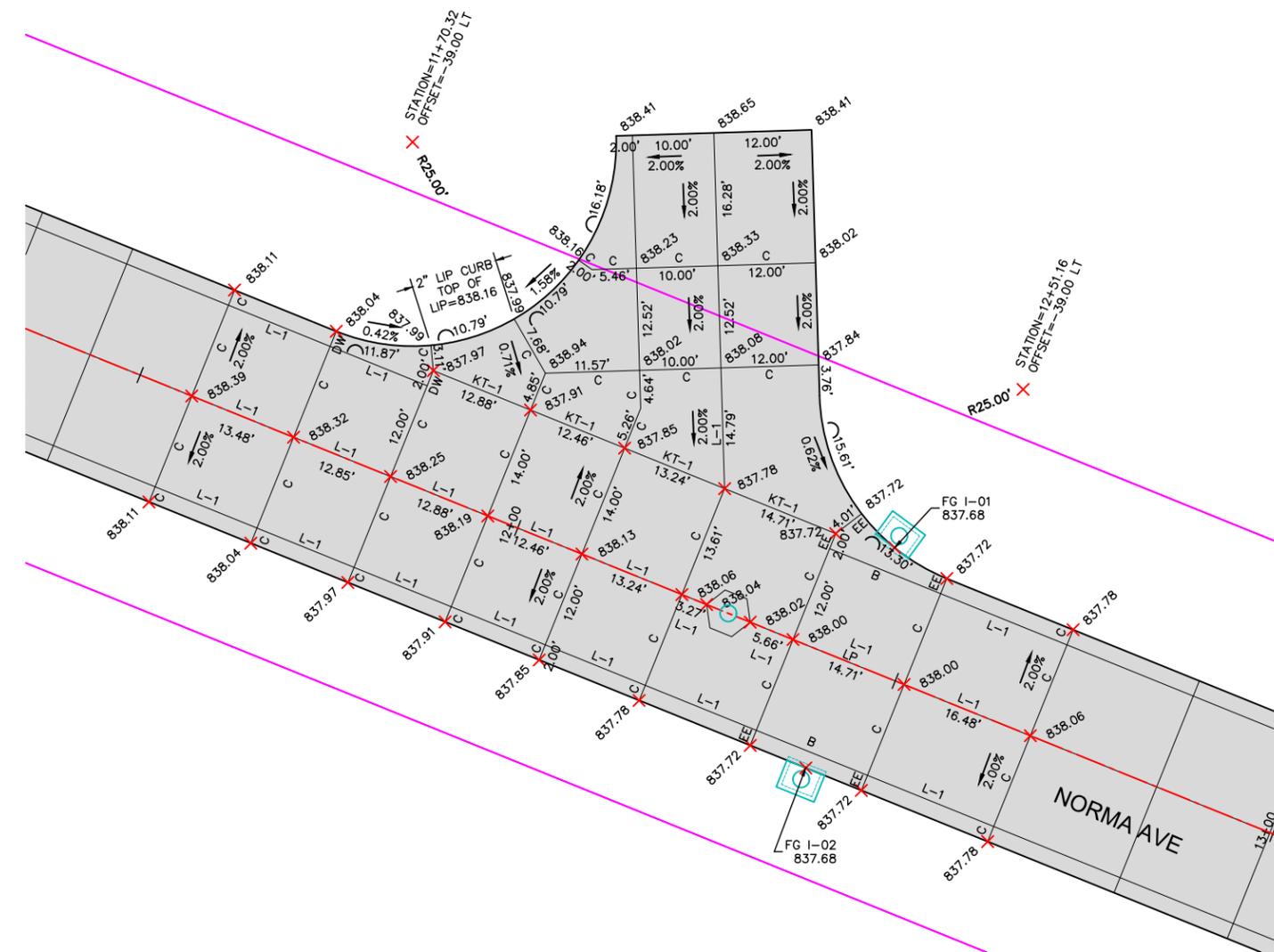
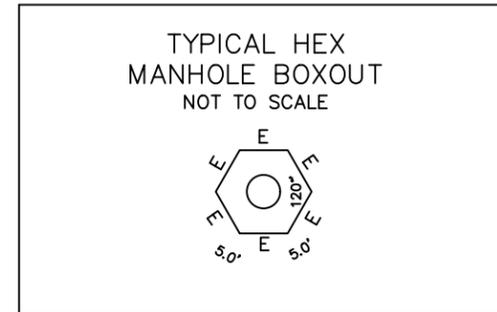
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Norma Ave. Extension Evansdale, Iowa INTERSECTION DETAILS

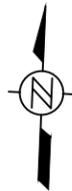
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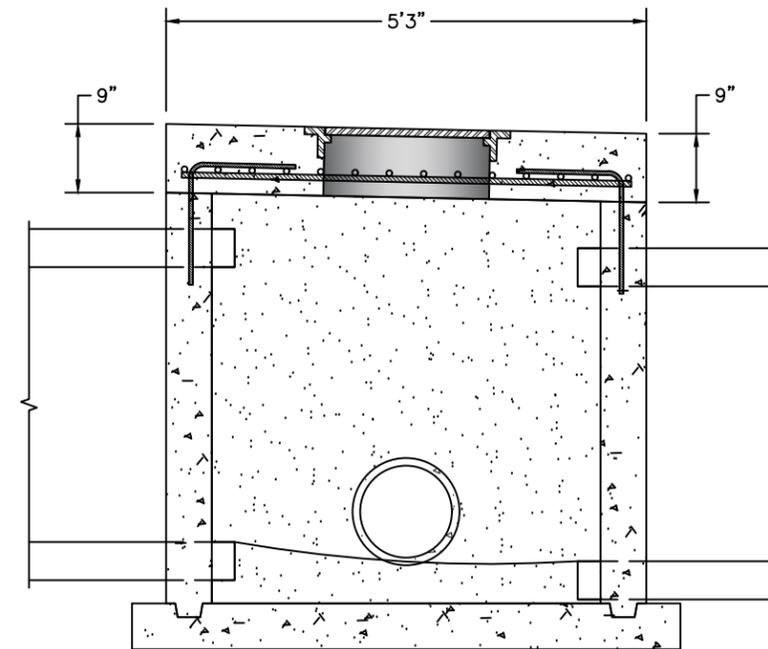
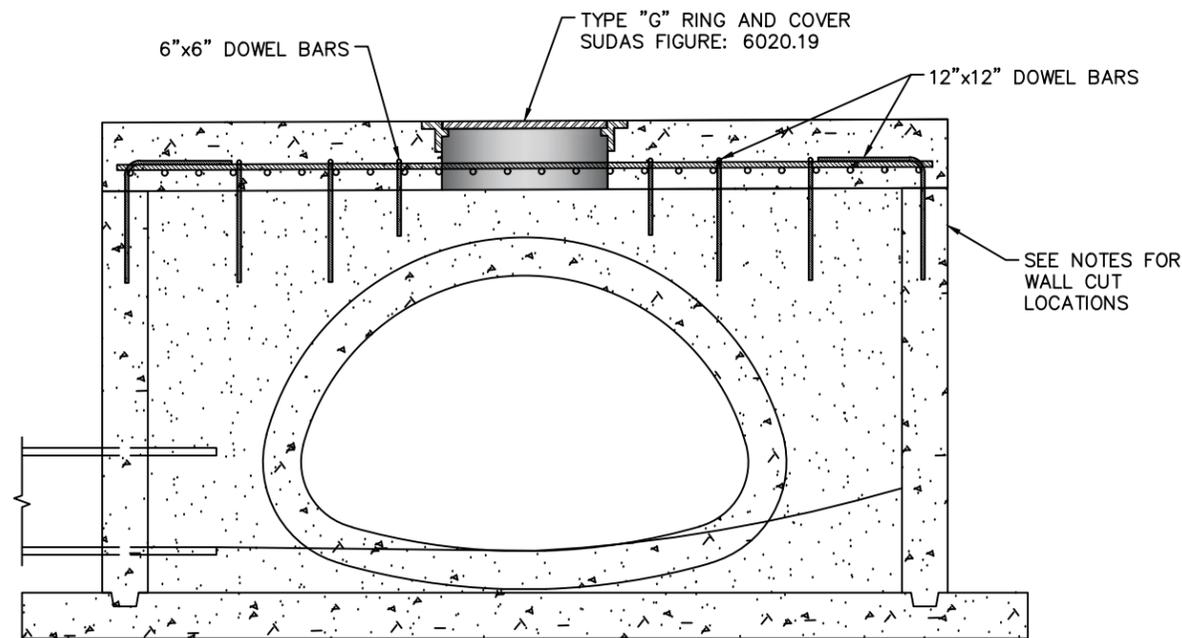
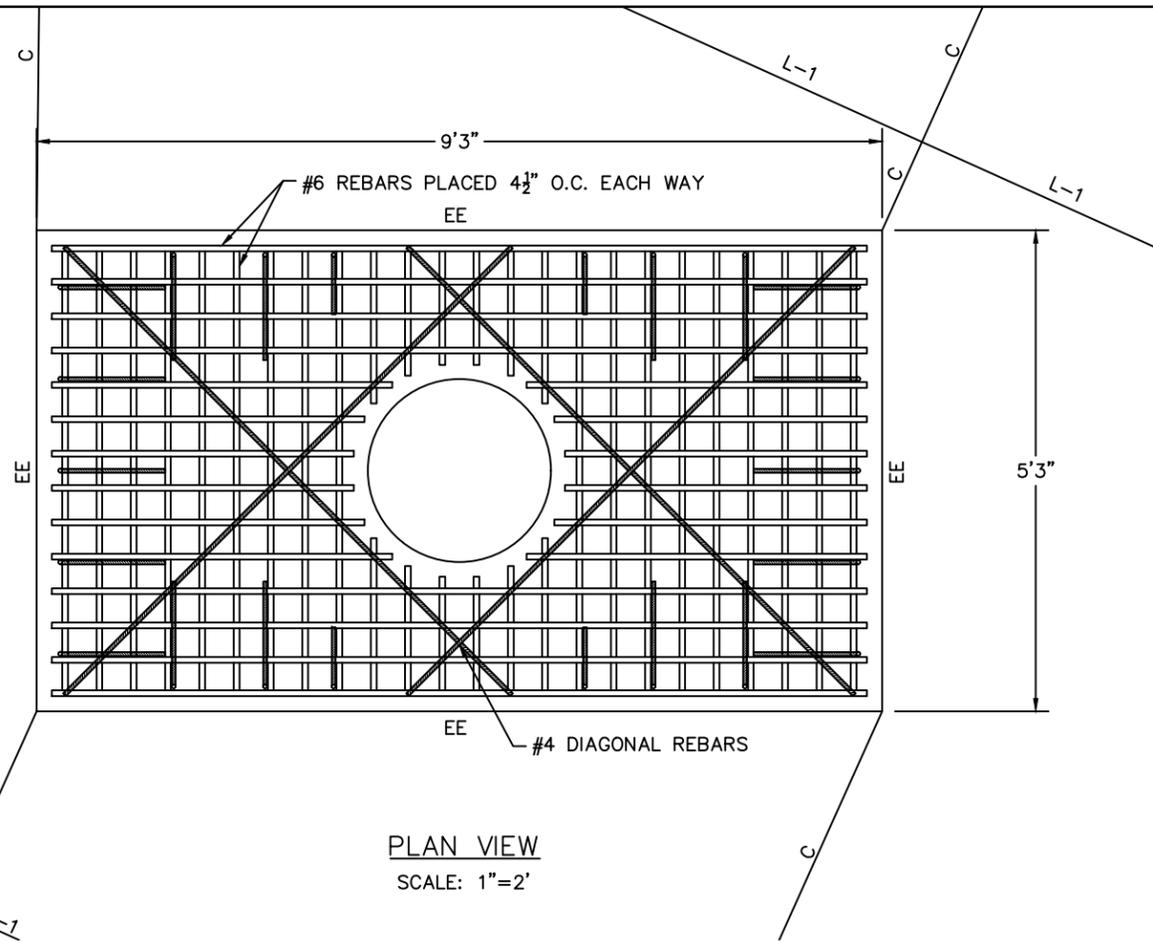
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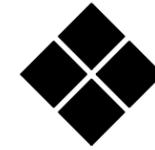


SEE SUDAS FIGURE 7010.101 FOR JOINT TYPES AND DETAILS



NOTES

- DOWEL BARS:**
- DOWELS TO BE ANCHORED WITH EPOXY ADHESIVE LIKE DURAL FAST SET EPOXY GEL BY EUCLID, REZI-WELD GEL PASTE BY W.R. MEADOWS, OR IOWA DOT APPROVED EQUAL.
 - FIELD VERIFY THAT THE DISTANCE FROM THE TIP OF THE DOWEL BAR HOLES DOES NOT INFRINGE ON THE ARCH PIPE WITH A MINIMUM EDGE DISTANCE OF 3"
- MANHOLE OPENING:**
- PLACE EXTRA BARS OF THE SAME SIZE AS THE INTERRUPTED BARS AT EACH SIDE OF OPENING. QUANTITY OF EXTRA BARS AT EACH SIDE SHALL EQUAL HALF THE QUANTITY OF INTERRUPTED BARS EXCEPT WHERE NOTED OTHERWISE
 -
-
- 2" MIN.
- OPENING
- 2"
- WHERE EDGE OF OPENING IN SLAB IS CLOSER THAN 44 BAR DIAMETERS (22 IN.) TO EDGE OF SLAB, EXTRA DIAGONAL BARS MAY BE TERMINATED TWO INCHES FROM EDGE OF SLAB. DOWELS DO NOT HAVE TO BE PROVIDED TO SPLICE WITH DIAGONAL BARS.
- GENERAL CONCRETE:**
- CONCRETE PROTECTION FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE DRAWINGS:
 - CONCRETE EXPOSED TO WEATHER, #5 OR SMALLER=1½" COVER, #6 OR LARGER=2" COVER.
 - SLABS=1½" COVER AND SURFACES CONTACTING WATER OR SEWAGE SHOULD HAVE 2" OF COVER.
 - WALLS 12" OR MORE=2" COVER, WALLS LESS THAN 12" WITH #5 OR SMALLER=1½" COVER, AND #6 OR LARGER=2" COVER.
 - FOR SURFACES EXPOSED TO WATER OR HIGH HUMIDITY, ADD ½" TO ABOVE.
 - ALL REINFORCING BARS SHALL BE EPOXY COATED.
 - ALL JOINTS IN WATER BEARING STRUCTURES SHALL HAVE A WATERSTOP. ALL JOINTS BELOW GRADE IN WALLS OR SLABS WHICH ENCLOSE AN ACCESSIBLE AREA SHALL HAVE WATERSTOPS.
 - CONSTRUCTION JOINTS NOT SHOWN SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE APPROVAL OF THE ENGINEER PRIOR TO SUBMITTING REBAR SHOP DRAWINGS.
- WALL CUTTING:**
- CALL (319) 266-0258 FOR SURVEY STAKES BEFORE COMMENCING WITH THE WALL CUTTING.



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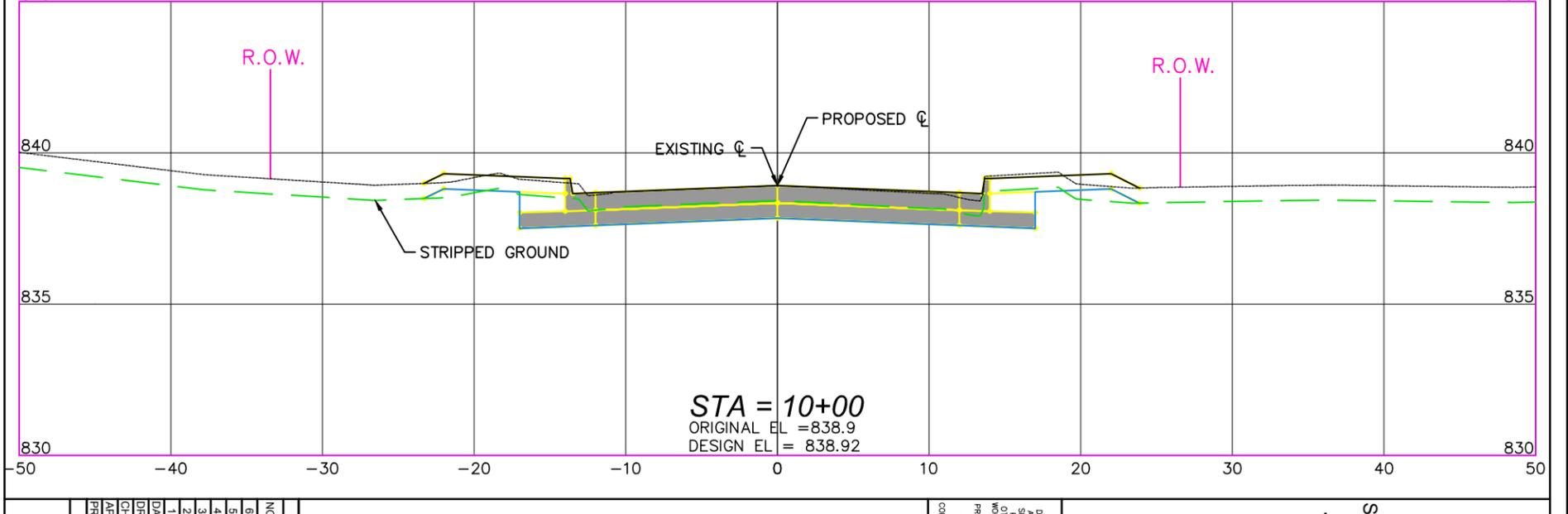
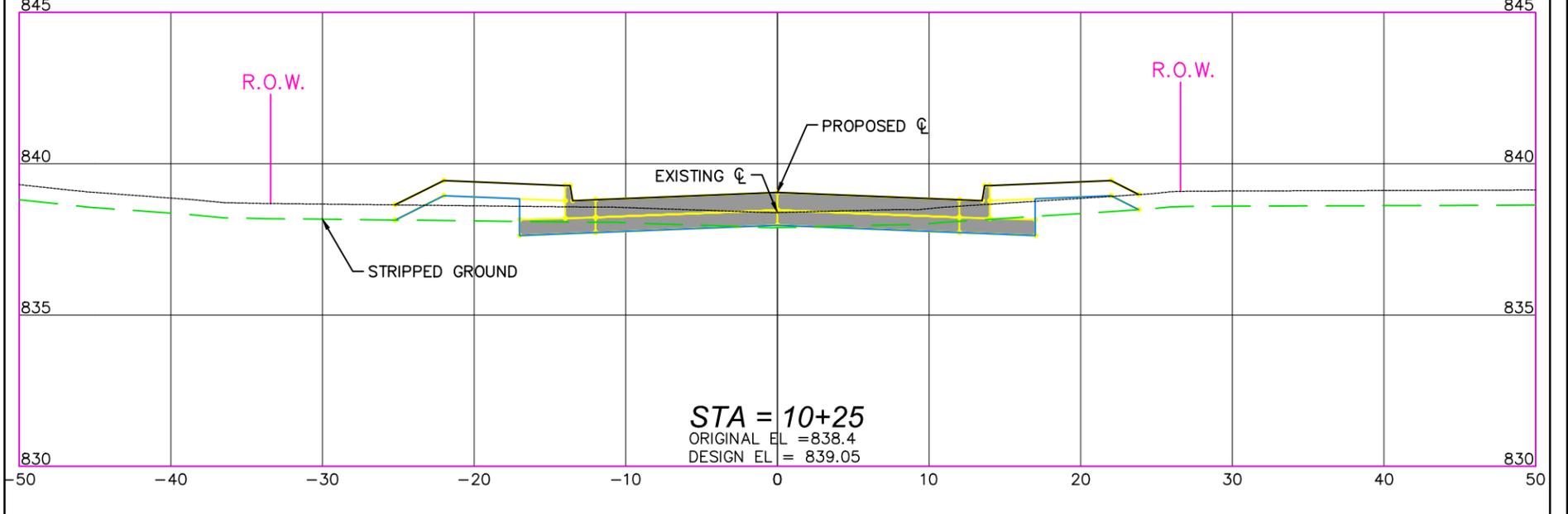
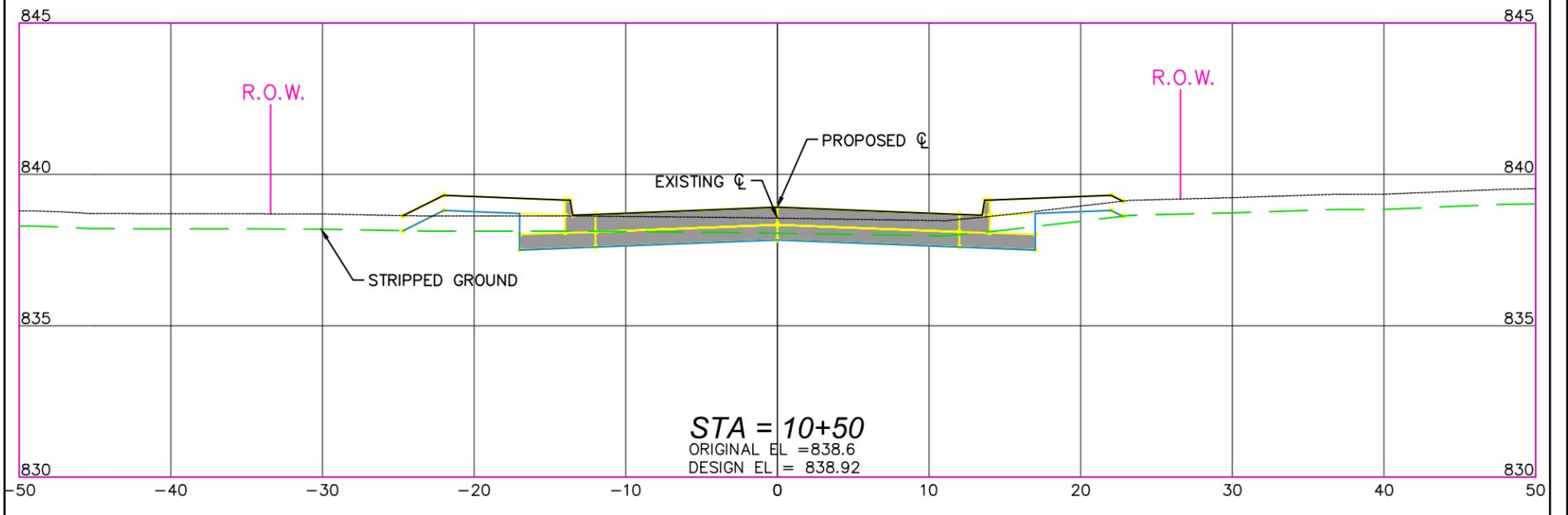
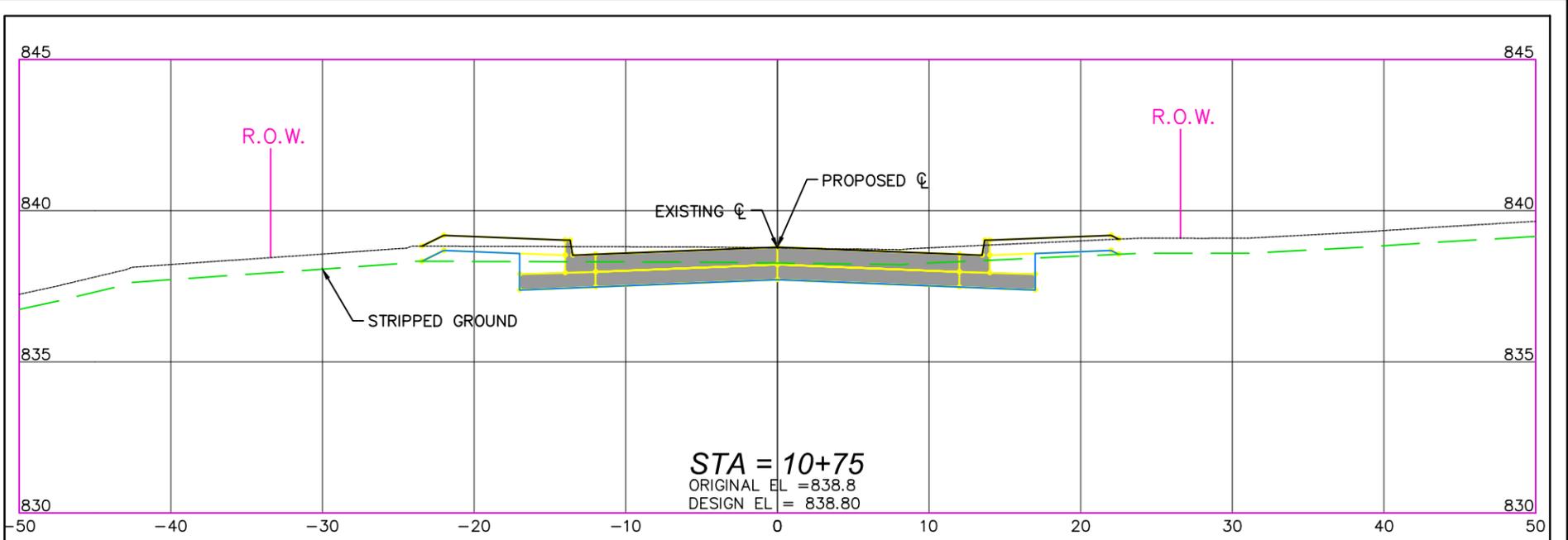
STORM BOX TOP DETAIL

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Evansdale, Iowa

10+00 - 10+75

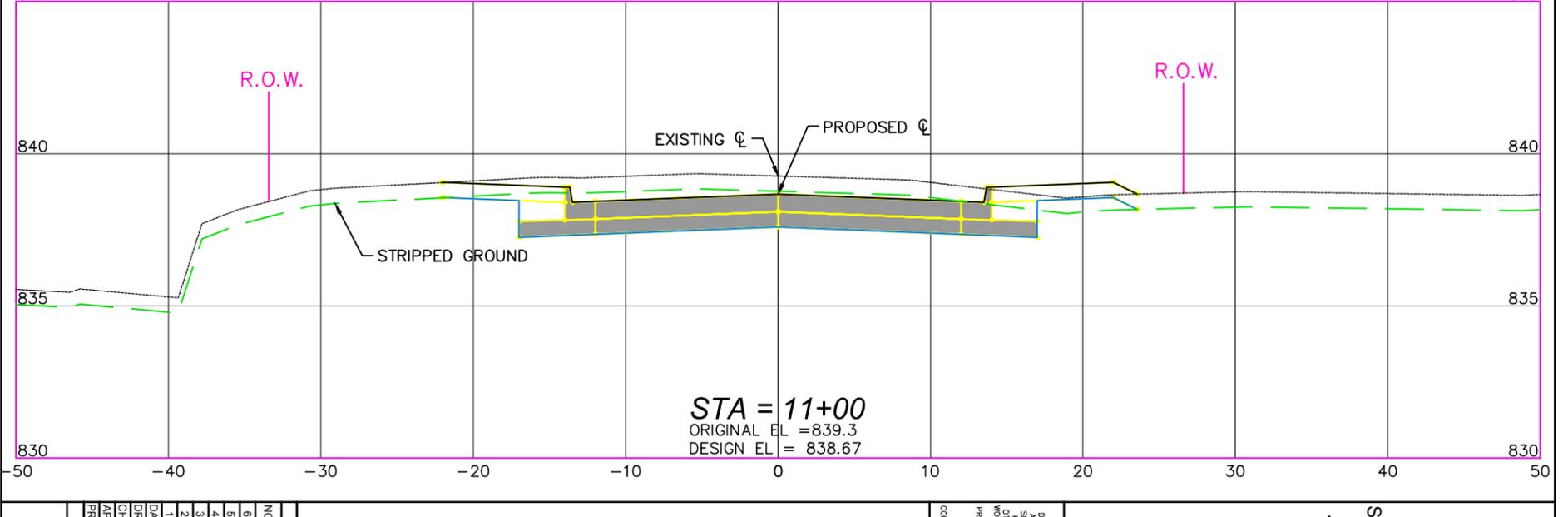
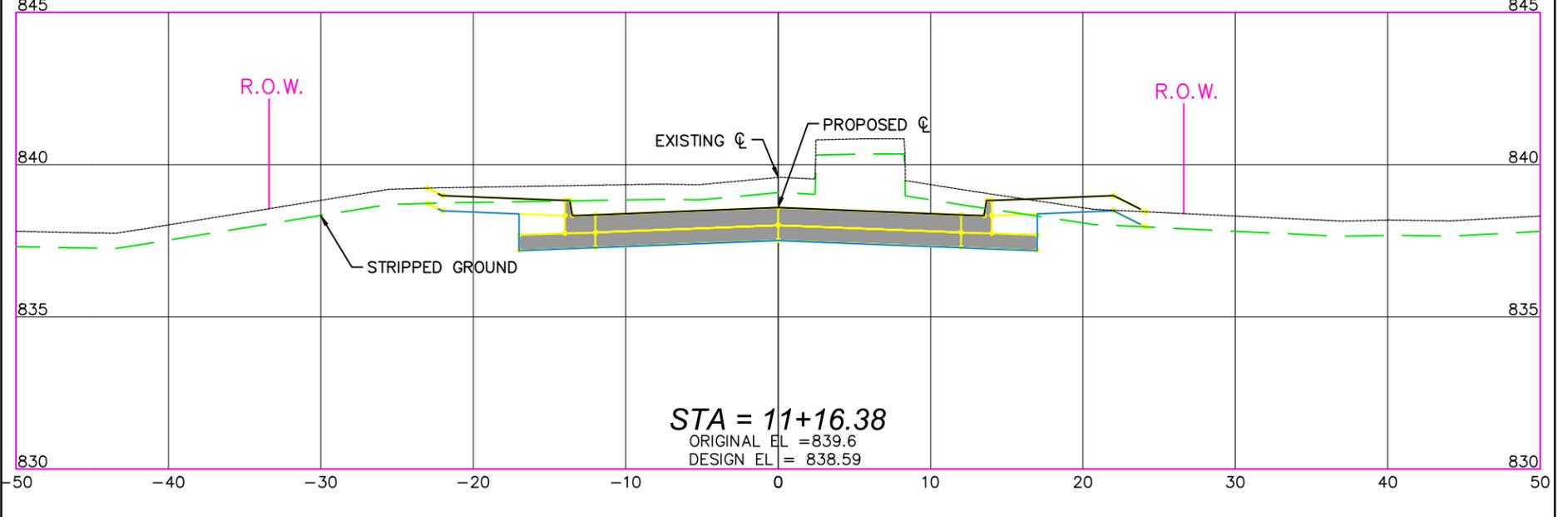
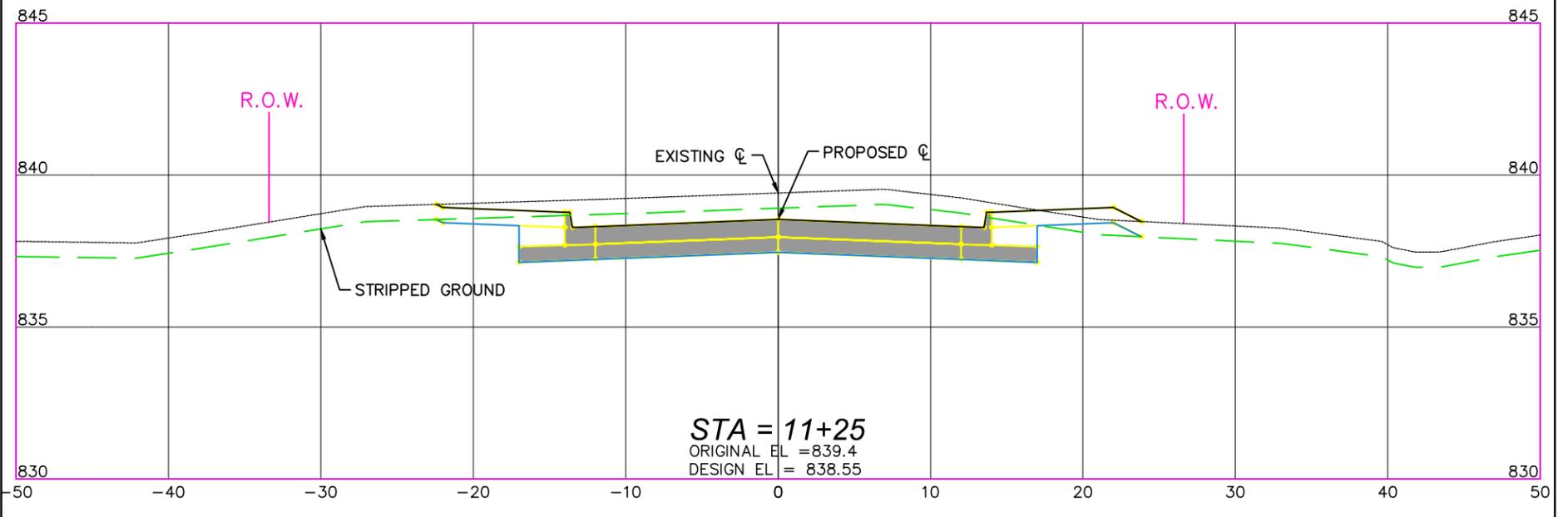
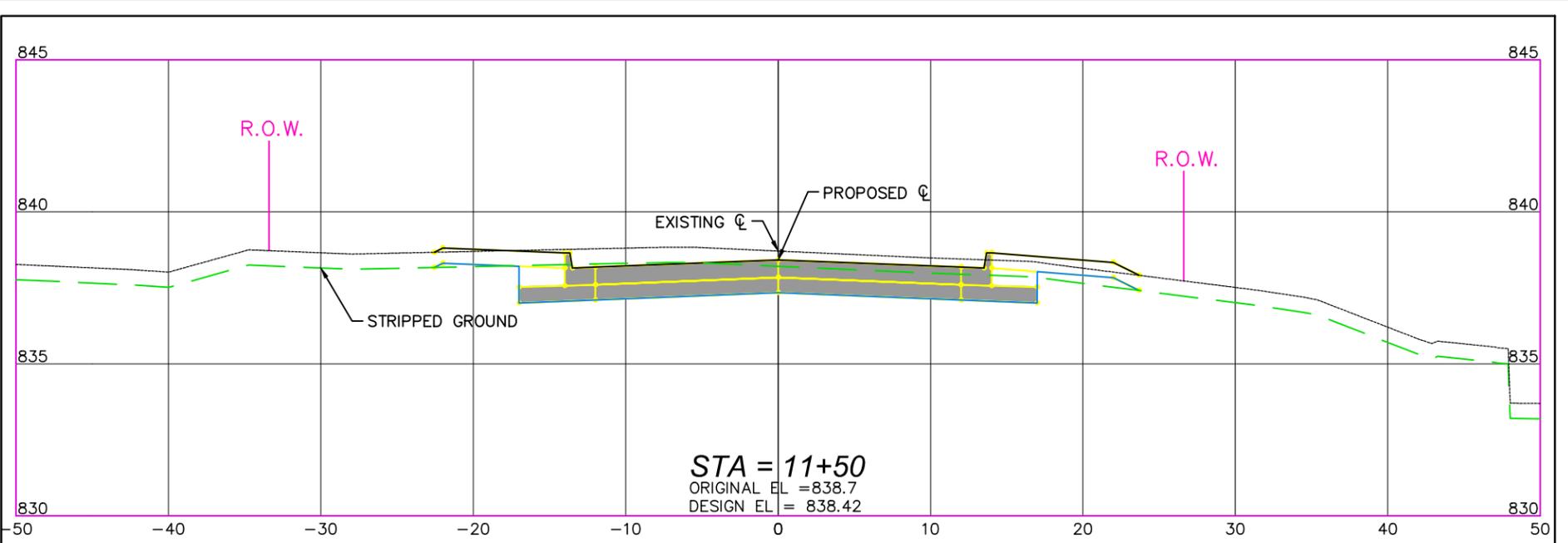
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X-01



Norma Ave. Extension

Evansdale, Iowa

11+00 - 11+50

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X-02

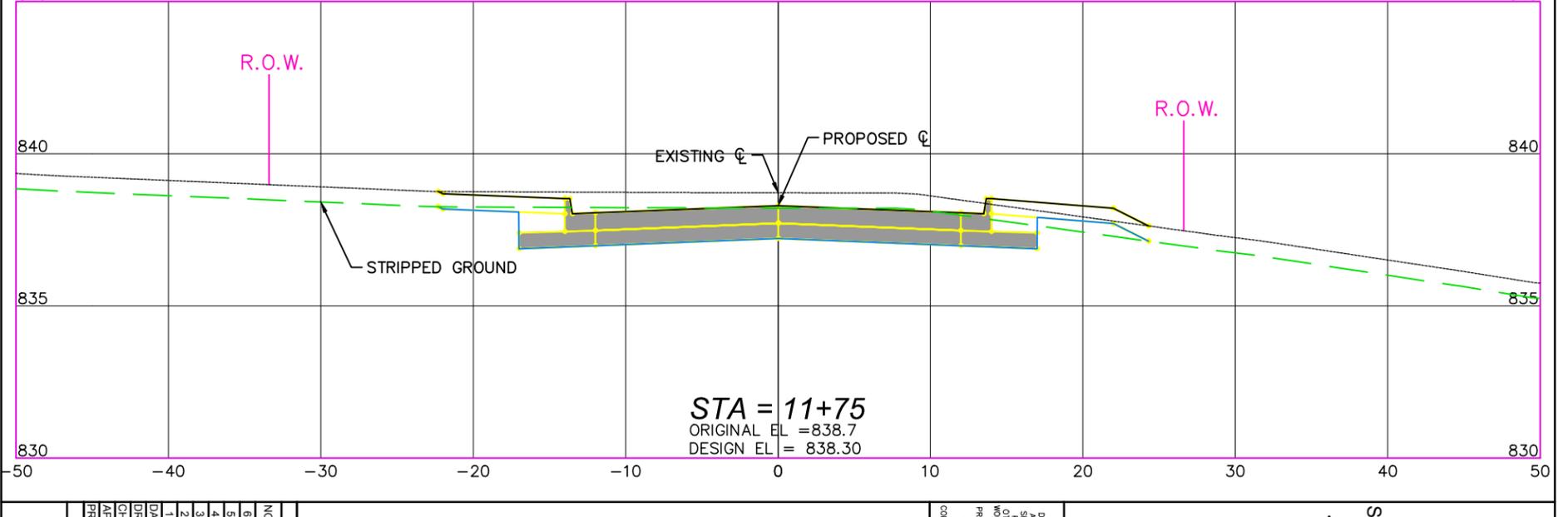
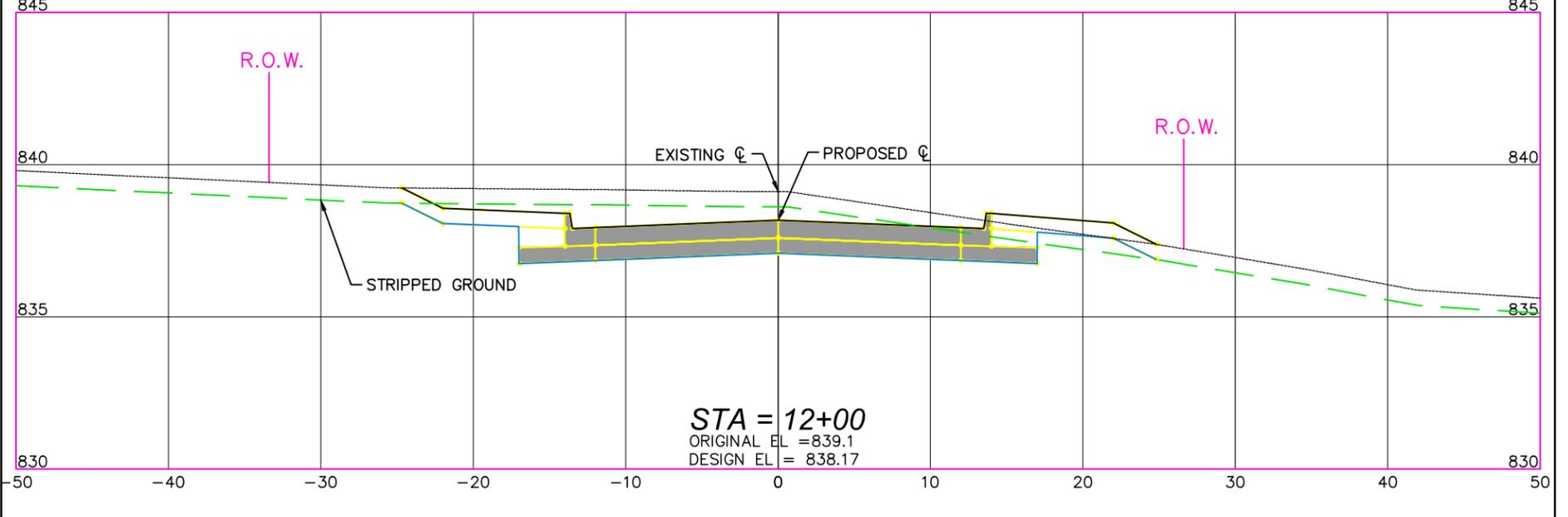
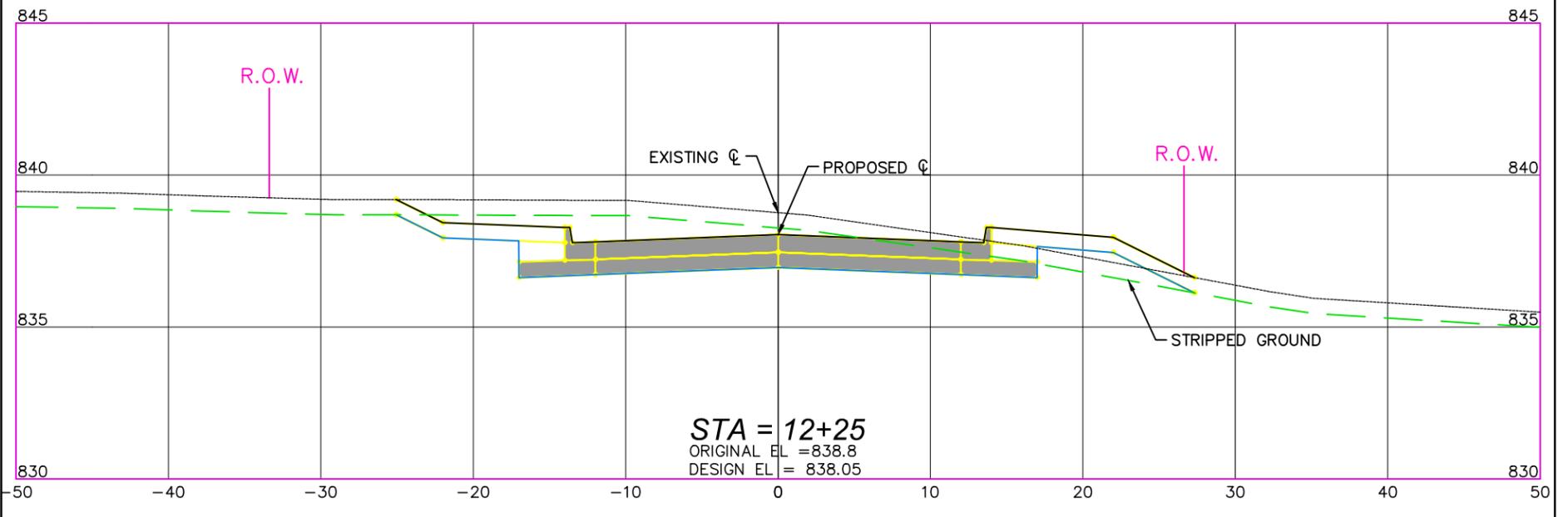
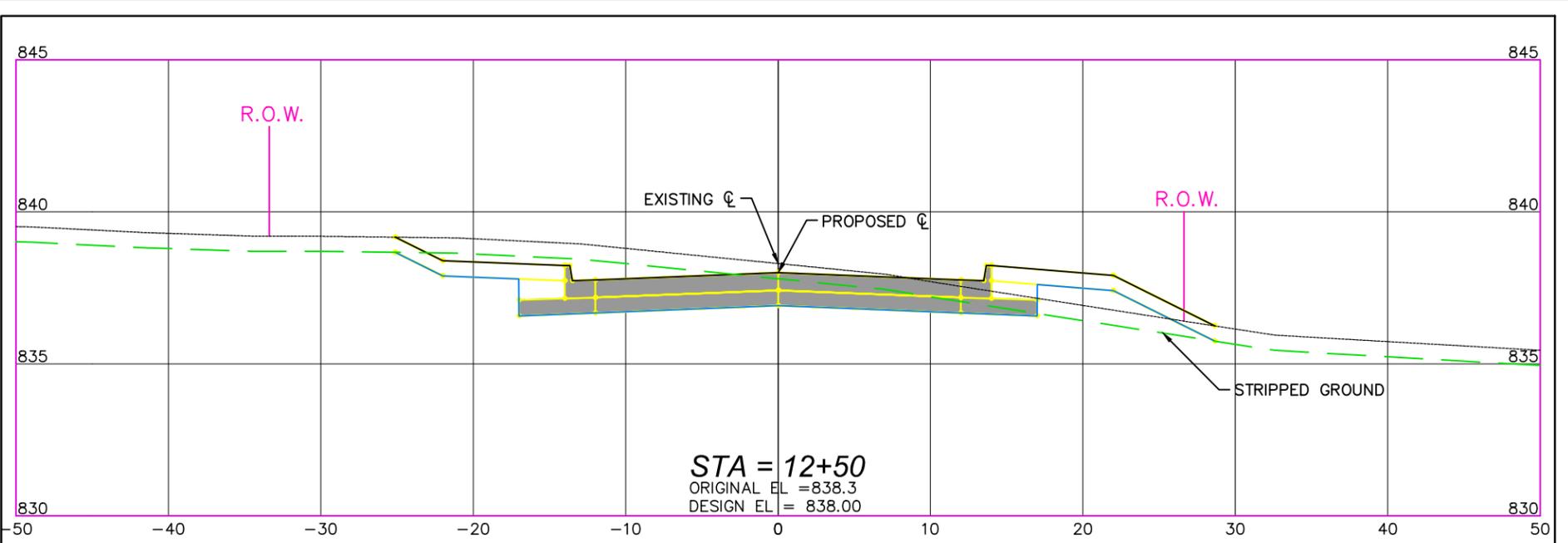
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 Drawing No.

Norma Ave. Extension

Evansdale, Iowa

11+75 - 12+50

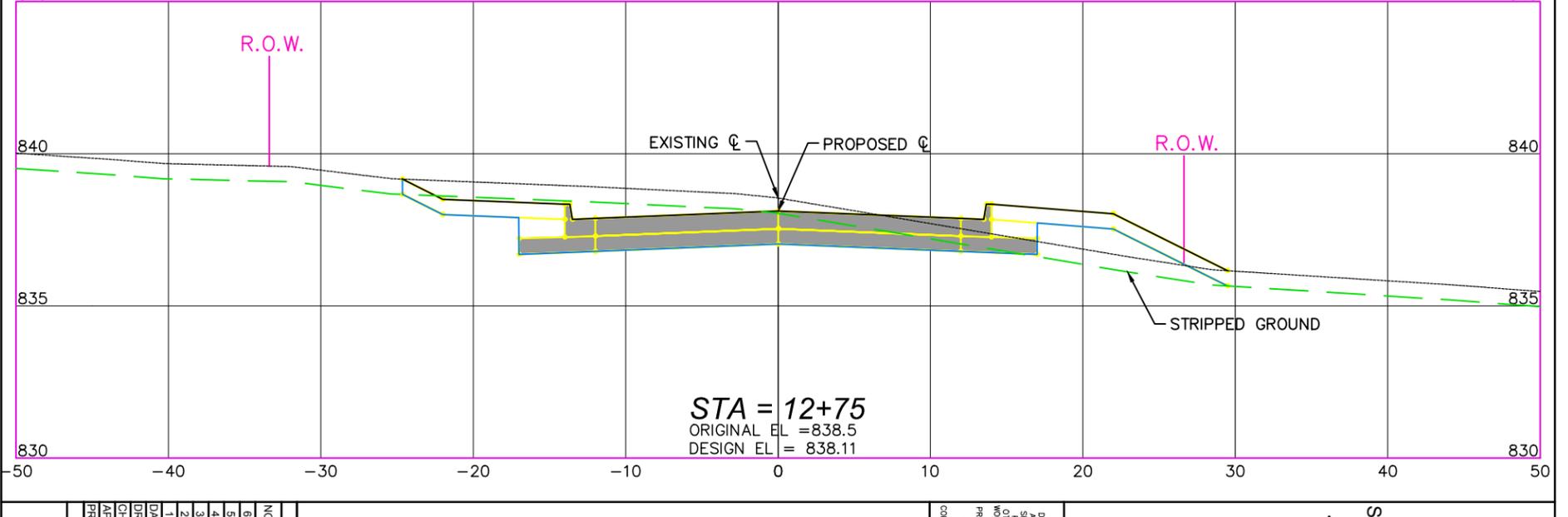
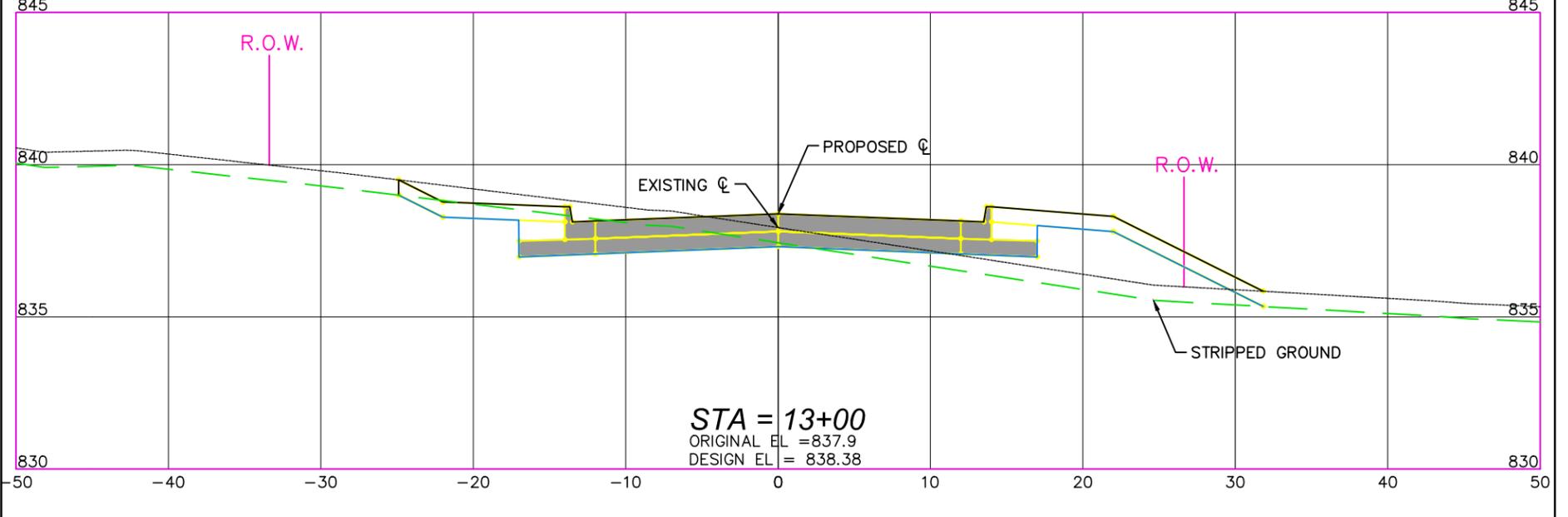
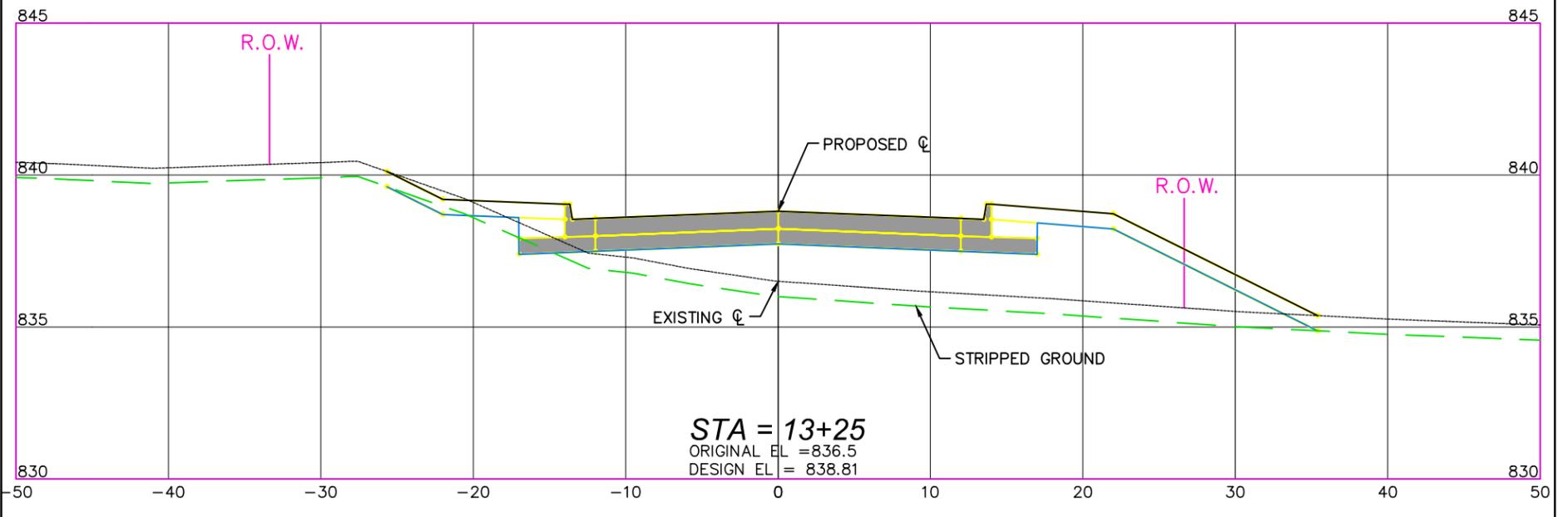
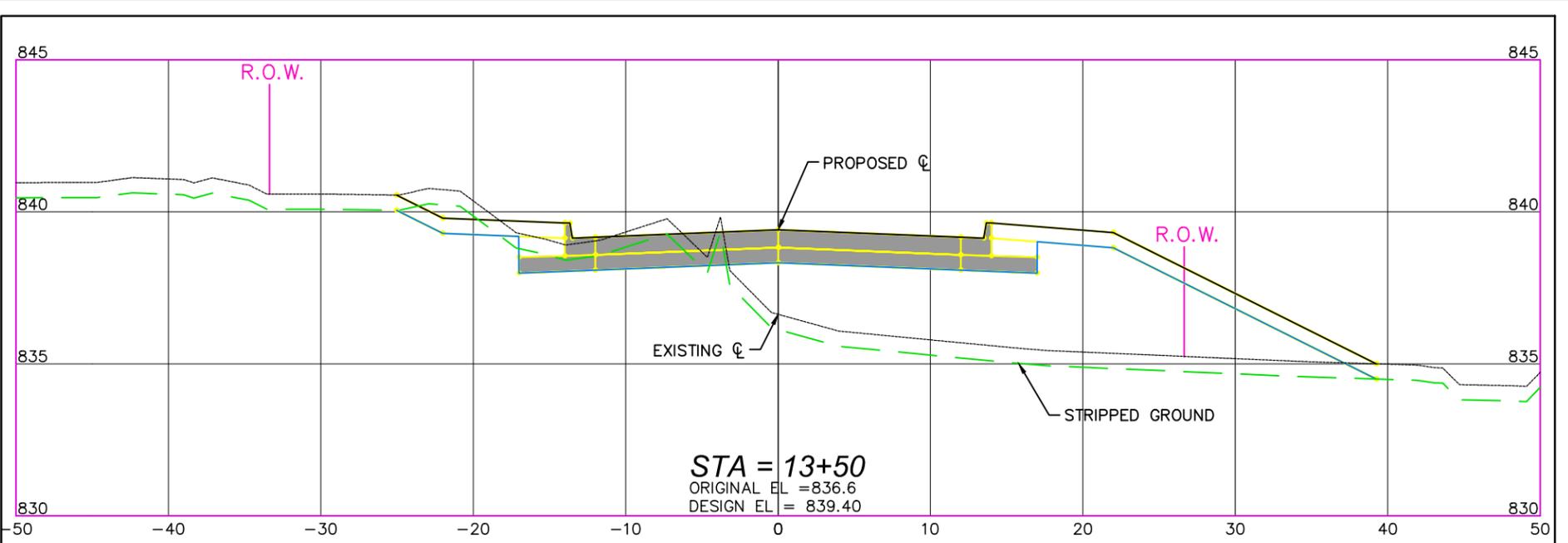
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- Insurance Claim Investigation



X-03



Norma Ave. Extension

Evansdale, Iowa

12+75 - 13+50

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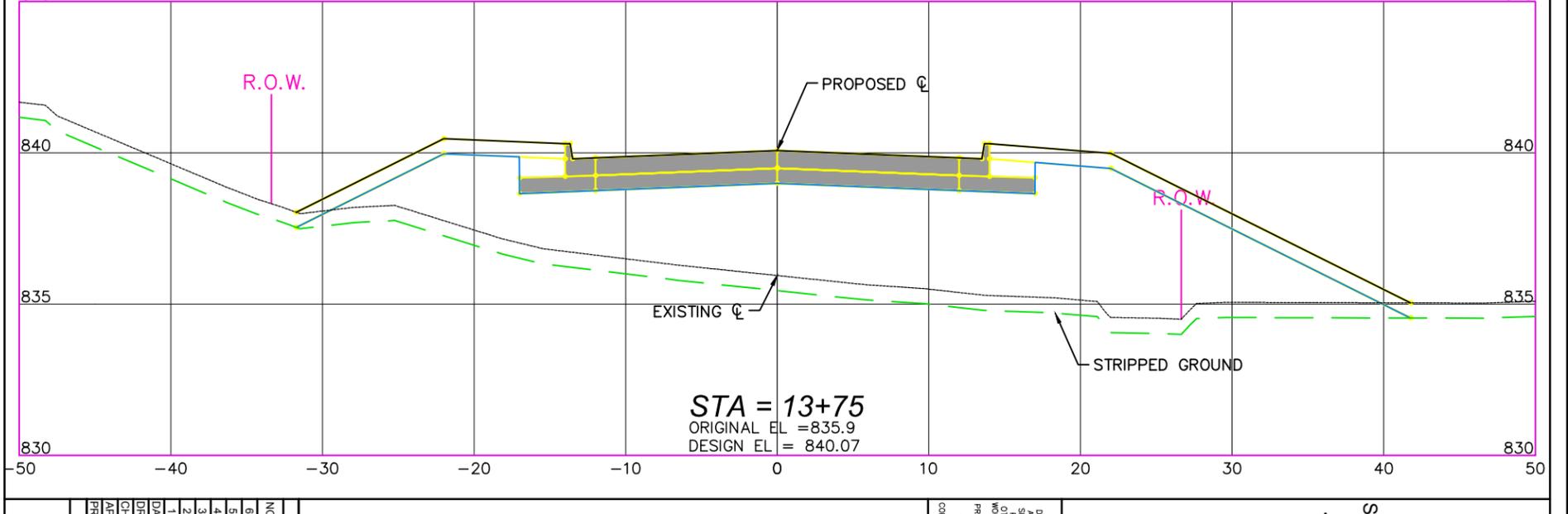
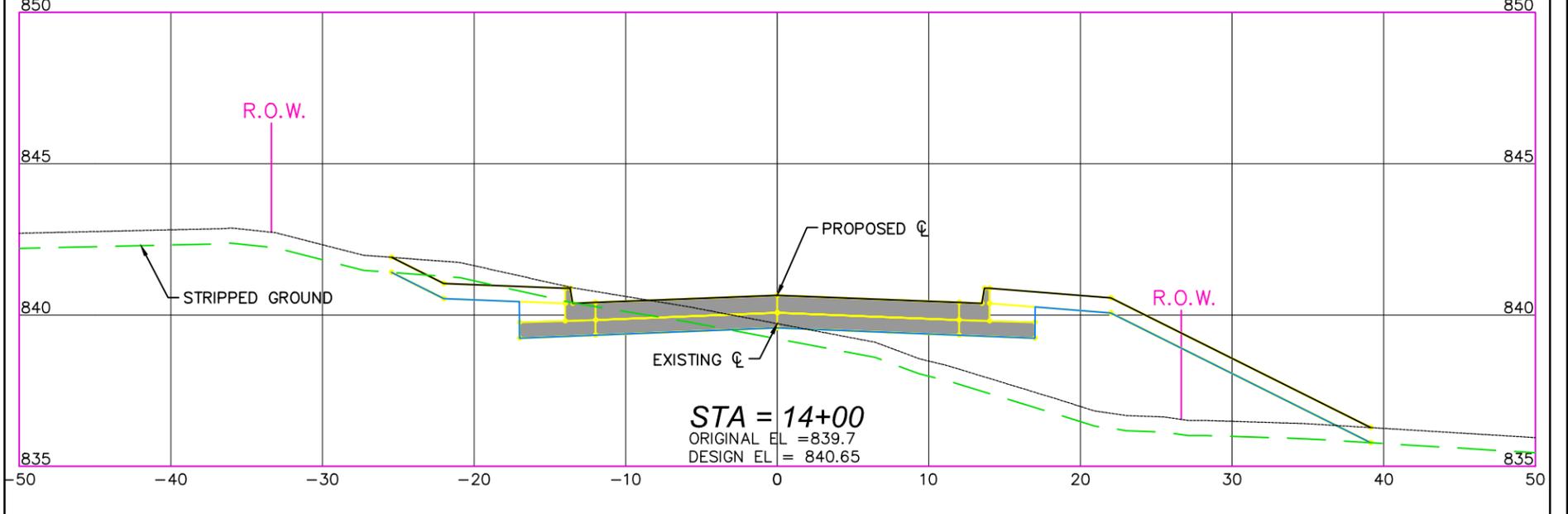
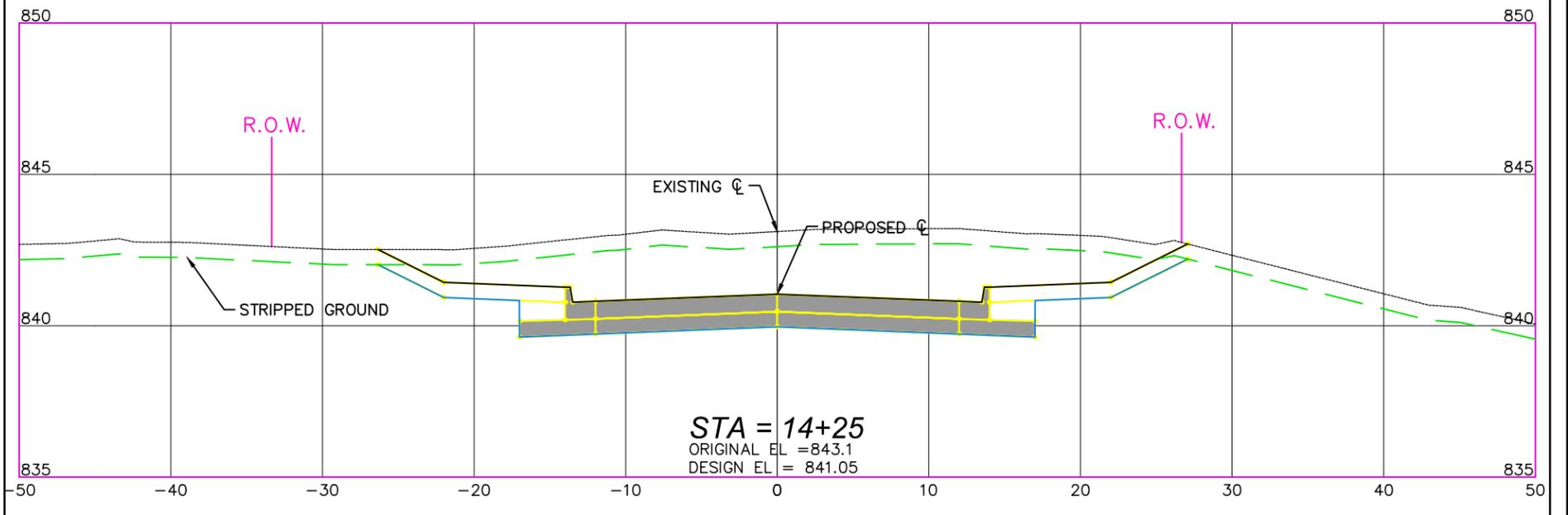
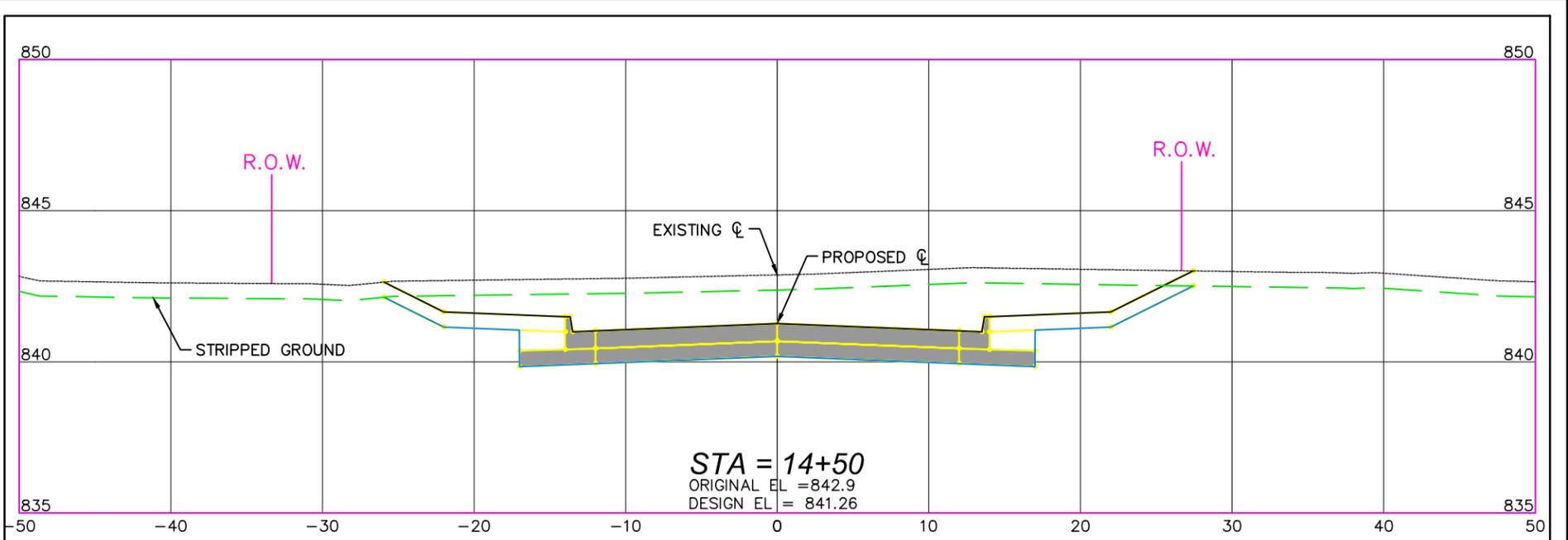
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 APPROVED: -
 PROJECT NUMBER: 943-15
 Drawing No.

X-04

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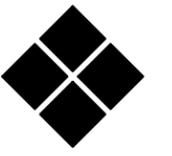
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 APPROVED: -
 PROJECT NUMBER: 943-15
 Drawing No.

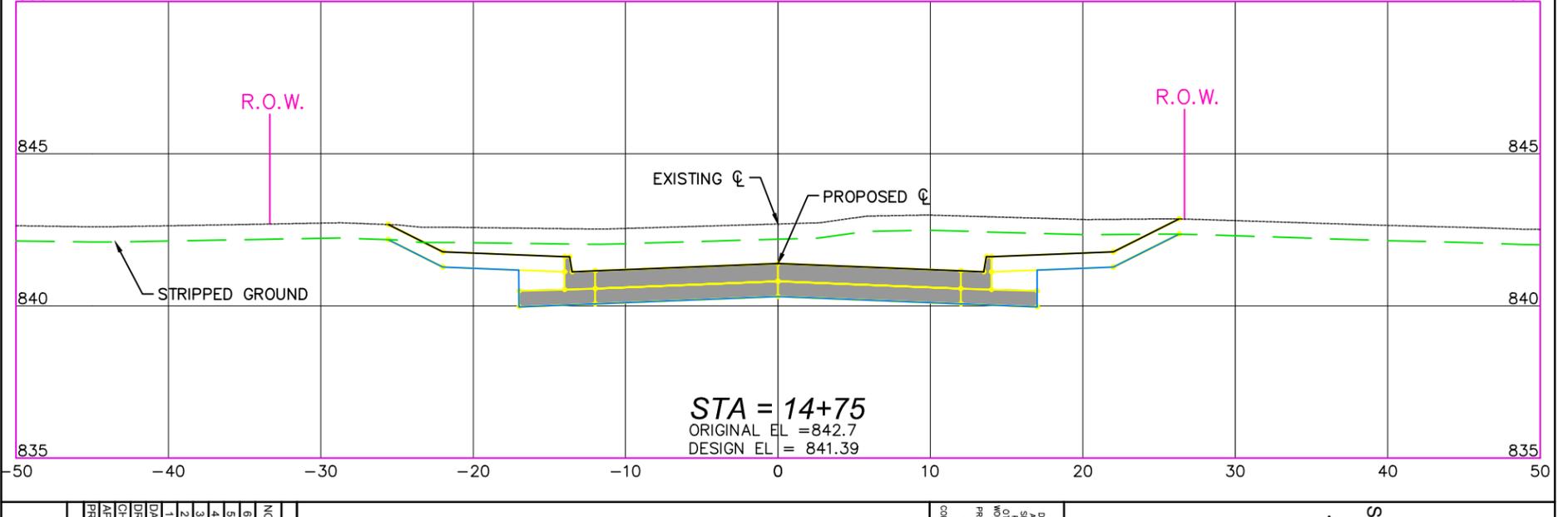
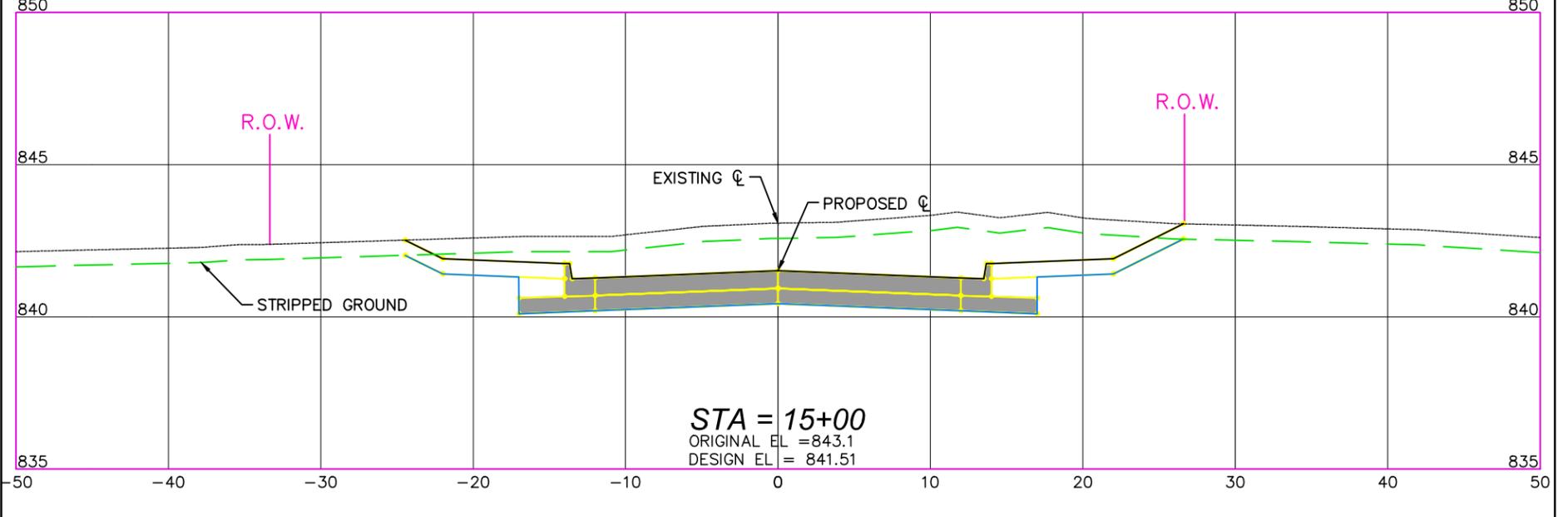
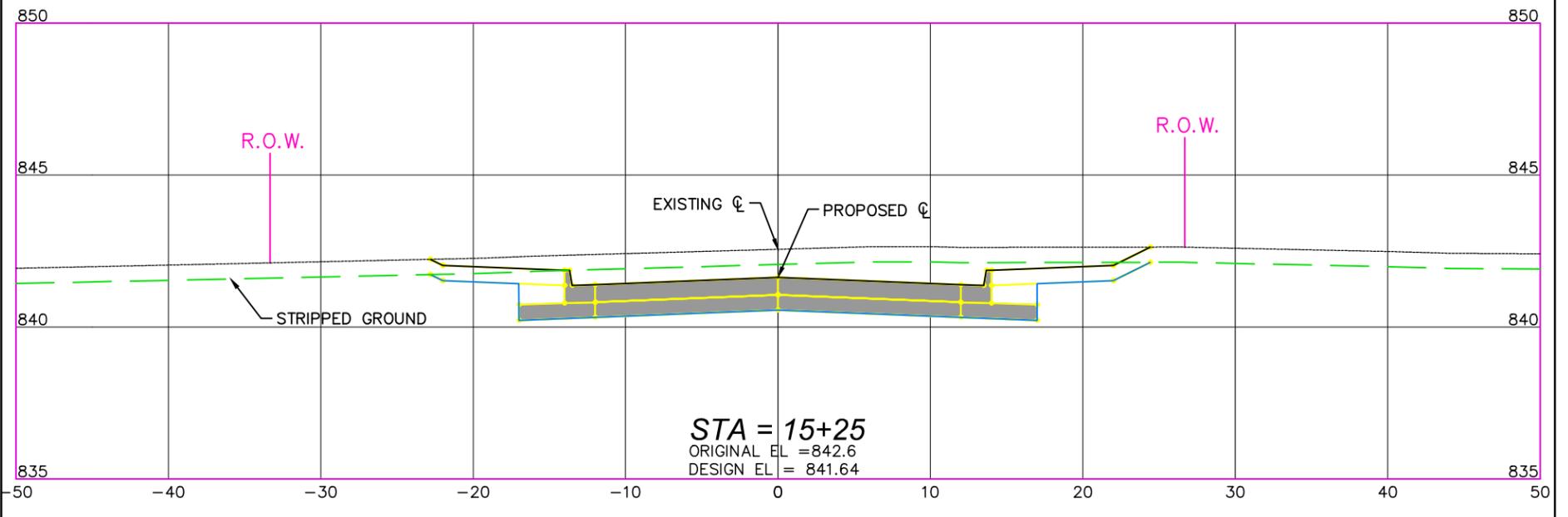
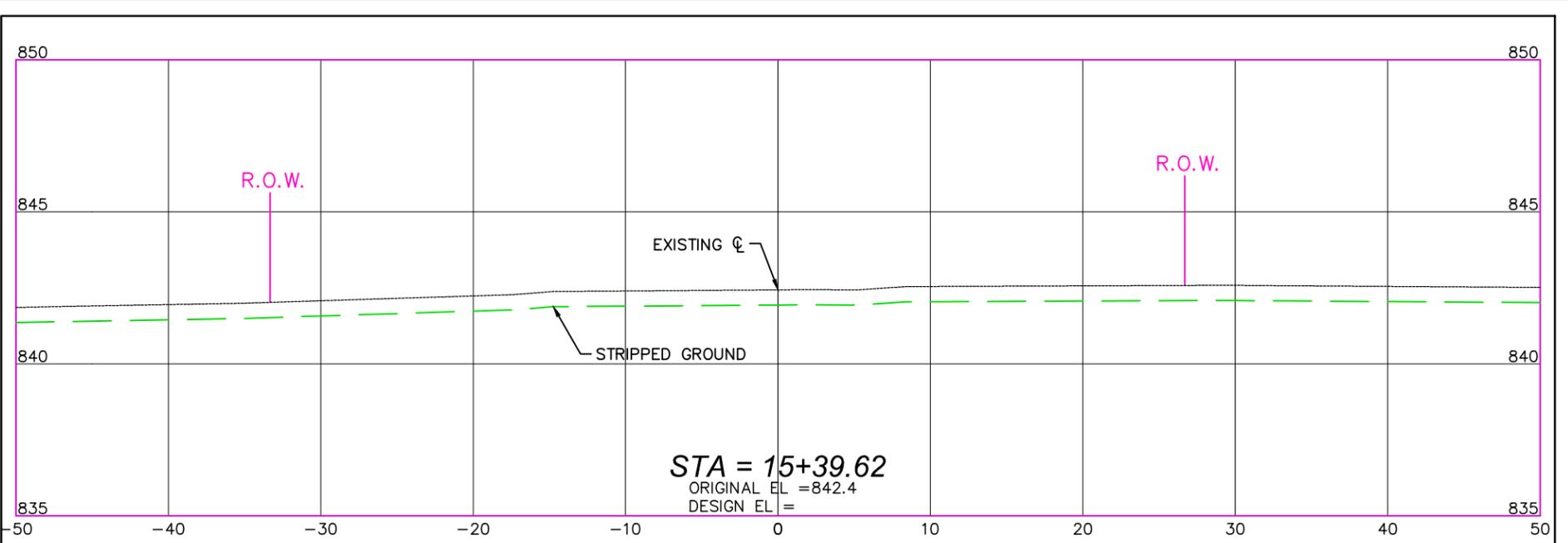
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 WORK OR PROJECT OTHER THAN THE SPECIFIC
 PROJECT FOR WHICH THEY WERE PREPARED
 WITHOUT THE WRITTEN CONSENT OF
 SHOFF CONSULTING ENGINEERS, L.C. AND
 NO SPECIFICATIONS SHALL CONSTITUTE
 CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THE
 RESTRICTIONS.

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REVISIONS	
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DRAWN BY: NIREW
 CHECKED: NIREW
 APPROVED: NIREW
 PROJECT NUMBER: 943-15
 Drawing No. X-06

BID BOND

Sample Bid Bond

KNOW ALL BY THESE PRESENTS:

That we, Peterson Contractors, Inc.

_____, as Principal, and _____

Travelers Casualty and Surety Company of America

_____, as Surety, are held and firmly bound unto the City of
Evansdale, IA, as Oblige, (hereinafter referred to as "the Jurisdiction"), in the penal sum of _____

_____ dollars (\$ _____

_____), or five percent (5%) of the amount bid in lawful money of the United States, 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 Jurisdiction a certain proposal, in a separate envelope, and hereby made a part hereof, to enter into a contract in writing, for the following described improvements;

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

The Surety hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Jurisdiction may accept such bid or execute such Contract; and said Surety does hereby waive notice of any such extension.

In the event that any actions or proceedings are initiated with respect to this Bond, the parties agree that the venue thereof shall be Black Hawk County, State of Iowa. If legal action is required by the Jurisdiction against the Surety or Principal to enforce the provisions of the bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Surety or Principal agrees to pay the Jurisdiction all damages, costs, and attorney fees incurred by enforcing any of the provisions of this Bond. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to all rights, powers and remedies given to the Jurisdiction, by law. The Jurisdiction may proceed against Surety for any amount guaranteed hereunder whether action is brought against Principal or whether Principal is joined in any such action or actions or not.

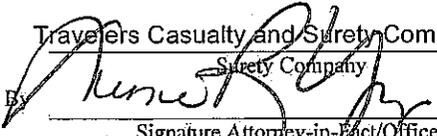
NOW, THEREFORE, if said proposal by the Principal be accepted, and the Principal shall enter into a contract with Jurisdiction in accordance with the terms of such proposal, including the provision of insurance and of a bond as may be specified in the contract documents, with good and sufficient surety 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; otherwise, the Principal shall pay to the Jurisdiction the full amount of the bid bond, together with court costs, attorney's fees, and any other expense of recovery.

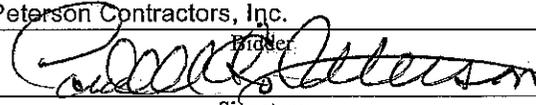
(CONT'D. - BID BOND) Norma Avenue Extension
City of Evansdale, Iowa

Signed and sealed this 19th day of June, 2015.

SURETY:

PRINCIPAL:

By Travlers Casualty and Surety Company of America
Surety Company

Signature Attorney-in-Fact/Officer
Dione R. Young, Attorney-in-Fact
Printed Name of Attorney-in-Fact/Officer
Holmes, Murphy and Associates, LLC
Company Name
P. O. Box 9207
Company Address
Des Moines, IA 50306-9207
City, State, Zip Code
515-223-6800
Company Telephone Number

By Peterson Contractors, Inc.
Bidder

Signature
cordell q. peterson
Printed Name
president
Title
P. O. Box A
Address
Reinbeck, IA 50669-0155
City, State, Zip Code
319-345-2713
Telephone Number

NOTE: All signatures on this bid bond must be original signatures in ink; copies, facsimile, or electronic signatures will not be accepted. This bond must be sealed with the Surety's raised, embossing seal. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226103

Certificate No. 006146876

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Craig E. Hansen, Jay D. Freiermuth, Brian M. Deimerly, Cindy Bennett, Anne Crowner, Tim McCulloh, Stacy Venn, Lacey Cramblit, Shirley S. Bartenhagen, and Dione R. Young

of the City of West Des Moines, State of Iowa, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 12th day of December, 2014.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 12th day of December, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

ADDENDUM #1
PROPOSAL

PROPOSAL: PART A – SCOPE

The City of Evansdale, Iowa, hereinafter called the "Jurisdiction," has need of a qualified contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk, City Hall, 123 N. Evans Road, Evansdale, Iowa 50707, at the prices hereinafter provided in Part C of the Proposal, for the following described improvements:

Norma Avenue Extension
City of Evansdale, Iowa

The project includes grading, removal of concrete pavement and structures, placement of subbase, intakes and storm sewer, and placement of PCC curb and gutter and pavement between Knudsen Drive and Heather Avenue. Project also includes installation of approximately 90 LF of appurtenant storm sewer, 187 LF of sanitary sewer and 1200 LF of water main, with adjustments and tie-ins to existing structures as needed.

PROPOSAL: PART B – ACKNOWLEDGMENT OF ADDENDA

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below:

ADDENDUM NUMBER _____ #1 - 6-18-15
ADDENDUM NUMBER _____
ADDENDUM NUMBER _____
ADDENDUM NUMBER _____

and certifies that said addenda were utilized in the preparation of this bid.

PROPOSAL: PART C – BID ITEMS, QUANTITIES, AND PRICES

UNIT BID PRICE CONTRACTS: The Bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Prices, and the Total Construction Costs on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The Total Construction Cost plus any alternates selected by the Jurisdiction shall be used only for comparison of bids. The Total Construction Cost, including any Add-Alternates, shall be used for determining the sufficiency of the bid security.

PROPOSAL: PART D – GENERAL

The Bidder hereby acknowledges that the Jurisdiction, in advertising for public bids for this project, reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on comparison of the total bid plus any selected alternates; and

(CONT'D. - PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

3. Make such alterations in the contract documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction, provide proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code, and furnish a performance, maintenance, and payment bond; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract and/or to furnish said bond; and
3. Commence at your discretion (in consultation with the owner), after receipt of the signed contract. In accordance with the Agreement, the date of **Substantial Completion** is on or before Wednesday, September 30, 2015, and the date of readiness for final payment is on or before Friday, October 16, 2015. Substantial Completion shall include all seeding required on the project.
4. Pay liquidated damages for non-compliance with said substantial completion provisions at the rate of Two Hundred dollars (\$200.00) for each calendar day thereafter that the work remains incomplete.

Bid Items, Quantities and Prices:

Computer generated bids will be accepted, with the following requirements: computer generated bid form must be stapled to the Form of Proposal, Bid totals for Base Bid plus any Alternates or Options must appear on the Form of Proposal as well as computer generated bid form, and both Form of Proposal and computer generated bid form must be signed.

PROPOSAL: PART E - NON-COLLUSION AFFIDAVIT

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with the Jurisdiction; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
3. That no part of the bid price received by the Bidder was or will be paid to any person, corporation, firm, association, or other organization for soliciting the bid, other than the payment of their normal compensation to persons regularly employed by the Bidder whose services in connection with the construction of the project were in the regular course of their duties for the Bidder; and
4. That this proposal is genuine and not collusive or sham; that the Bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to submit a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the bid price of the Bidder or of any other bidder, and that all statements in this proposal are true; and

(CONT'D. - PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

5. That the individual(s) executing this proposal have the authority to execute this proposal on behalf of the Bidder.

PROPOSAL: PART F - ADDITIONAL REQUIREMENTS

The Bidder hereby agrees to comply with the additional requirements listed below that are included in this proposal and identified as proposal attachments:

<u>ITEM NO.</u>	<u>DESCRIPTION OF ATTACHMENT</u>
1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____

INSTRUCTIONS:

(CONT'D. - PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

PROPOSAL: PART G - IDENTITY OF BIDDER

The Bidder shall indicate whether the bid is submitted by a/an:

- Individual, Sole Proprietorship
 Partnership
 Corporation
 Limited Liability Company
 Joint-venture: all parties must join-in and execute all documents
 Other

The Bidder shall enter its Public Registration Number _____ - _____ issued By the Iowa Commissioner of Labor Pursuant Section 91C.5 of the Iowa Code.

Failure to provide said Registration Number shall result in the bid being read under advisement. A contract will not be executed until the Contractor is registered.

Peterson Contractors, Inc.

Bidder



Signature

By Chris D. Fleshner

Name (Print/Type)

Project Estimator / Manager

Title

104 Black Hawk St., P.O. Box A

Street Address

Reinbeck, IA 50669

City, State, Zip Code

(319) 345-2713

Telephone Number

Type or print the name and title of the company's owner, president, CEO, etc. if a different person than entered above

Cordell Q. Peterson

Name

President

Title

All non-resident bidders must complete the following:

Are any of the following preferences in effect in your state or country of domicile?

Bidders preference: Yes ___ No ___

Resident labor preference: Yes ___ No ___

Any other form of preference: Yes ___ No ___

If yes, indicate type of preference: _____

NOTE: The signature on this proposal must be an original signature in ink; copies, facsimiles, or electronic signatures will not be accepted.

(CONT'D. – PROPOSAL) Norma Avenue Extension
City of Evansdale, Iowa

PROPOSAL ATTACHMENT: PART C

PROPOSAL

PROPOSAL ATTACHMENT: PART C – BID ITEMS, QUANTITIES, AND PRICES

This is a UNIT BID PRICE CONTRACT. The bidder must provide the Bid Price(s), any Alternate Price(s), and the Total of the Base Bid plus any Add-Alternates in this Proposal Attachment: Part C – Bid Items, Quantities, and Prices the total of the base bid plus any alternates selected by the Jurisdiction shall be used only for comparison of bids. The total of the Base Bid plus any Add-Alternates shall be used for determining the sufficiency of the bid security.

INSTRUCTIONS:

All bids shall NOT include Iowa Sales Tax for materials used in the project. Upon award, the successful bidder shall immediately provide a listing of subcontractors and associated Federal ID or Social Security Numbers for both the contractor and subcontractors. The City of Evansdale will register the contractor and subcontractors with the Iowa Department of Revenue and will provide appropriate certificates to the contractor for distribution and use.

		ADDENDUM #1	PROJECT NO.	943-15-LOCAL	
NORMA AVENUE EXTENSION					
CONTRACTOR BID ITEMS					
DIVISION 1 - GRADING AND PAVING CONSTRUCTION					
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANT.	UNIT PRICE	EXTENDED PRICE
1	SAFETY CLOSURES	EA	3	\$250.00	\$750.00
2	CLEAR AND GRUB	LS	1	\$5,000.00	\$5,000.00
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1250	\$6.00	\$7,500.00
4	TOPSOIL, STRIP AND STOCKPILE	CY	665	\$6.00	\$3,990.00
5	TOPSOIL, SPREAD	CY	302	\$10.00	\$3,020.00
6	SPECIAL COMPACTION OF SUBGRADE	STA	7	\$1,000.00	\$7,000.00
7	GRANULAR SUBBASE	SY	2351	\$6.00	\$14,106.00
8	STD. OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7 IN.	SY	1838	\$30.00	\$55,140.00
9	SIGNS, BY EACH	EA	1	\$200.00	\$200.00
10	DRIVEWAY REPLACEMENT, 6 IN. PCC	SY	24	\$80.00	\$1,920.00
11	HMA PATCH, 4 IN.	SY	130	\$50.00	\$6,500.00
12	PCC TRANSITION PAVING, 6 IN.	SY	108	\$40.00	\$4,320.00
13	REMOVAL OF PAVEMENT, SEAL COAT & ASPHALT	SY	130	\$12.50	\$1,625.00
14	REMOVAL OF CONCRETE	SY	21	\$12.50	\$262.50
15	REMOVAL OF SIGNS, BY EACH PER POST	EA	8	\$100.00	\$800.00
16	REMOVAL OF PCC DRIVEWAY	SY	25	\$12.50	\$312.50
17	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	90	\$60.00	\$5,400.00
18	CUNNETTE, CHANNEL, 6" DEPTH	SY	55	\$50.00	\$2,750.00
19	STORM SEWER, CONCRETE COLLAR	EA	1	\$750.00	\$750.00
20	MANHOLE, STORM SEWER, TOP ONLY, MODIFIED	EA	1	\$3,500.00	\$3,500.00
21	INTAKE, SW-507	EA	2	\$3,500.00	\$7,000.00
22	APRONS, CONCRETE, 15 IN. DIA.	EA	2	\$1,000.00	\$2,000.00
23	SILT FENCE	LF	897	\$2.00	\$1,794.00
24	STRAW WATTLE	LF	226	\$4.00	\$904.00
25	INLET PROTECTION (FILTERSOXX)	LF	40	\$5.50	\$220.00
26	STABILIZED CONSTRUCTION ENTRANCE	TON	47	\$30.00	\$1,410.00
27	SEEDING AND FERTILIZING (URBAN)	AC	0.6	\$4,200.00	\$2,520.00
				SUBTOTAL	\$140,694.00

DIVISION 2 - WATERMAIN CONSTRUCTION						
28	WATERMAIN CONNECTION	EA	3	\$250.00	\$750.00	
29	PRESSURE AND DISINFECTION TEST	LS	1	\$500.00	\$500.00	
30	WATER MAIN, PVC, 4 IN. (AWWA C-900)	LF	8	\$12.50	\$100.00	
31	WATER MAIN, PVC, 8 IN. (AWWA C-900)	LF	1194	\$16.50	\$19,701.00	
32	WATER MAIN, PVC, 6 IN. (AWWA C-900)	LF	8	\$15.00	\$120.00	
33	WATER SERVICE, COPPER, 1 IN.	LF	55	\$20.00	\$1,100.00	
34	CURB STOP	EA	1	\$400.00	\$400.00	
35	WATER MAIN, FITTINGS, TEE, 8X8	EA	4	\$325.00	\$1,300.00	
36	WATER MAIN, FITTINGS, PLUG, 8 IN.	EA	2	\$150.00	\$300.00	
37	WATER MAIN, FITTINGS, 45 DEGREE, 6 IN.	EA	2	\$250.00	\$500.00	
38	WATER MAIN, FITTINGS, 45 DEGREE, 8 IN.	EA	2	\$300.00	\$600.00	
39	WATER MAIN, FITTINGS, 22.5 DEGREE, 8 IN.	EA	3	\$300.00	\$900.00	
40	WATER MAIN, FITTINGS, 90 DEGREE, 8 IN.	EA	2	\$300.00	\$600.00	
41	WATER MAIN, VALVE, GATE, DIP, 4 IN.	EA	1	\$750.00	\$750.00	
42	WATER MAIN, VALVE, GATE, DIP, 8 IN.	EA	4	\$1,250.00	\$5,000.00	
43	WATER MAIN, REDUCER, 8X4	EA	1	\$200.00	\$200.00	
44	WATER MAIN, REDUCER, 8X6	EA	2	\$225.00	\$450.00	
45	WATER MAIN, FIRE HYDRANT ASSEMBLY	EA	1	\$3,200.00	\$3,200.00	
46	WATER MAIN, FIRE HYDRANT ASSEMBLY, RELOCATION	EA	2	\$3,200.00	\$6,400.00	
				SUBTOTAL	\$42,871.00	
DIVISION 3 - SANITARY SEWER CONSTRUCTION						
47	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. (TRUSS)	LF	187	\$60.00	\$11,220.00	
48	TV INSPECTION	LS	1	\$1,500.00	\$1,500.00	
49	LOW PRESSURE AIR TESTING	LS	1	\$1,000.00	\$1,000.00	
50	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EA	1	\$5,000.00	\$5,000.00	
				SUBTOTAL	\$18,720.00	
				TOTAL	\$202,285.00	
ALTERNATE 1 - HMA TRANSITION CONSTRUCTION						
51	HMA TRANSITION PAVING, 4 IN.	SY	108	\$50.00	\$5,400.00	
				SUBTOTAL	\$5,400.00	
				ALTERNATE 1 TOTAL	\$5,400.00	
ALTERNATE 2 - BACK OF CURB SUBDRAIN CONSTRUCTION						
52	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.	LF	1218	\$12.00	\$14,616.00	
53	SUBDRAIN OUTLET (RF-19C)	EA	6	\$600.00	\$3,600.00	
				SUBTOTAL	\$18,216.00	
				ALTERNATE 2 TOTAL	\$18,216.00	
				PROJECT TOTAL	\$225,901.00	

00400 - 7

PROPOSAL:

PART F – ADDITIONAL REQUIREMENTS
ITEM 1 –

PETERSON CONTRACTORS, INC.

104 Blackhawk Street

P.O. Box A

Reinbeck, Iowa 50669

Phone: 319-345-2713

Fax: 319-345-2991

www.petersoncontractors.com

QUOTE

PROPOSAL FOR: **NORMA AVENUE EXTENSION**
THE FOLLOWING ITEMS AND PRICES ARE QUOTED:

ITEM #	DESCRIPTION	UNIT TYPE	QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	SAFETY CLOSURES	EA	3.000	250.00	750.00
2	CLEAR AND GRUB	LS	1.000	5,000.00	5,000.00
3	EXCAVATION CLASS 10 ROADWAY AND	CY	1,250.000	6.00	7,500.00
4	TOPSOIL STRIP AND STOCKPILE	CY	665.000	6.00	3,990.00
5	TOPSOIL SPREAD	CY	302.000	10.00	3,020.00
6	SPECIAL COMPACTION OF SUBGRADE	STA	7.000	1,000.00	7,000.00
7	GRANULAR SUBBASE	SY	2,351.000	6.00	14,106.00
8	STD OR SLIP FORM PCC PAVING	SY	1,838.000	30.00	55,140.00
9	SIGNS	EA	1.000	200.00	200.00
10	DRIVEWAY REPLACEMENT 6" PCC	SY	24.000	80.00	1,920.00
11	HMA PATCH 4IN.	SY	130.000	50.00	6,500.00
12	6" PCC TRANSITION PAVING	SY	108.000	40.00	4,320.00
13	REMOVAL OF PAVEMENT SEAL COAT &	SY	130.000	12.50	1,625.00
14	REMOVAL OF CONCRETE	SY	21.000	12.50	262.50
15	REMOVAL OF SIGNS	EA	8.000	100.00	800.00
16	REMOVAL OF PCC DRIVEWAY	SY	25.000	12.50	312.50
17	STORM SEWER GRAVITY MAIN TRENCH	LF	90.000	60.00	5,400.00
18	6" CUNNETTE PAVING	SY	55.000	50.00	2,750.00
19	STORM SEWER CONCRETE COLLAR	EA	1.000	750.00	750.00
20	MANHOLE STORM SEWER TOP ONLY MO	EA	1.000	3,500.00	3,500.00
21	INTAKE SW-507	EA	2.000	3,500.00	7,000.00
22	APRONS CONCRETE 15 IN DIA	EA	2.000	1,000.00	2,000.00
23	SILT FENCE	LF	897.000	2.00	1,794.00
24	STRAW WATTLE	LF	226.000	4.00	904.00
25	INLET PROTECTION	LF	40.000	5.50	220.00
26	STABILIZED CONSTRUCTION ENTRANC	TON	47.000	30.00	1,410.00
27	SEEDING & FERTILIZING	AC	.600	4,200.00	2,520.00
	DIVISION I GRADING & PAVING SUB	SUBTOTAL			140,694.00
28	WATERMAIN CONNECTION	EA	3.000	250.00	750.00
29	PRESSURE AND DISINFECTION TEST	LS	1.000	500.00	500.00
30	WATER MAIN PVC 4 IN (AWWA C-900	LF	8.000	12.50	100.00
31	WATER MAIN PVC 8 IN (AWWA C-900	LF	1,194.000	16.50	19,701.00
32	WATER MAIN PVC 6 IN (AWWA C-900	LF	8.000	15.00	120.00
33	WATER SERVICE COPPER 1 IN	LF	55.000	20.00	1,100.00
34	CURB STOP	EA	1.000	400.00	400.00
35	WATER MAIN FITTINGS TEE 8X8	EA	4.000	325.00	1,300.00
36	WATER MAIN FITTINGS PLUG 8 IN	EA	2.000	150.00	300.00
37	WATER MAIN FITTINGS 45 DEGREE 6	EA	2.000	250.00	500.00
38	WATER MAIN FITTINGS 45 DEGREE 8	EA	2.000	300.00	600.00
39	WATER MAIN FITTINGS 225 DEGREE	EA	3.000	300.00	900.00
40	WATER MAIN FITTINGS 90 DEGREE 8	EA	2.000	300.00	600.00
41	WATER MAIN VALVE GATE DIP 4 IN	EA	1.000	750.00	750.00
42	WATER MAIN VALVE GATE DIP 8 IN	EA	4.000	1,250.00	5,000.00
43	WATER MAIN REDUCER 8X4	EA	1.000	200.00	200.00

PCI QUOTE ON NORMA AVENUE EXTENSION - Continued

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>UNIT TYPE</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
44	WATER MAIN REDUCER 8X6	EA	2.000	225.00	450.00
45	WATER MAIN FIRE HYDRANT ASSEMBL	EA	1.000	3,200.00	3,200.00
46	WATERMAIN FIRE HYDRANT ASSEMBLY	EA	2.000	3,200.00	6,400.00
	DIVISION II WATERMAIN SUBTOTAL	SUBTOTAL			42,871.00
47	SANITARY SEWER GRAVITY MAIN TRE	LF	187.000	60.00	11,220.00
48	TV INSPECTION	LS	1.000	1,500.00	1,500.00
49	LOW PRESSURE AIR TESTING	LS	1.000	1,000.00	1,000.00
50	MANHOLE SANITARY SEWER SW-301 4	EA	1.000	5,000.00	5,000.00
	DIVISION III SANITARY SEWER SUB	SUBTOTAL			18,720.00
51	4" HMA TRANSITION PAVING	SY	108.000	50.00	5,400.00
	ALTERNATE I HMA TRANSITION PAVI	SUBTOTAL			5,400.00
52	SUBDRAIN PERFORATED PLASTICE PI	LF	1,218.000	12.00	14,616.00
53	SUBDRAIN OUTLET (RF-19C)	EA	6.000	600.00	3,600.00
	ALTERNATE II SUBDRAIN SUBTOTAL	SUBTOTAL			18,216.00
	TOTAL QUOTED AMOUNT:				\$ 225,901.00

PETERSON CONTRACTORS, INC.



June 19, 2015

B and B BUILDERS and SUPPLY

5728 SIERRA DRIVE
WATERLOO, IOWA 50701
(319) 296-2289

ESTIMATE

June 22, 2015

Att: Chris Schares, Public Works Director
City of Evansdale
123 No. Evans Rd.
Evansdale, IA 50707

RE: West Gilbert Street Repair between Fox and Jones

Remove and replace 312 SF 8" concrete slab @ \$9.75 SF

Includes:

42 - 5/8" dowell bars

1 load granular sub-base

TOTAL \$ 3,042.00

This estimate is for completing the job as described above. It is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse weather conditions arise after the work has started.

Estimated by: Robert N. Brustkem, Owner

PROPOSAL

Professional Concrete

This estimate is \$20.83 per sq ft.
Estimate from B & B is \$9.75 per sq ft.

319-493-0338

PROPOSAL NO.
SHEET NO.
DATE 6-19-15

PROPOSAL SUBMITTED TO:

NAME City of EVANSDALE
ADDRESS
PHONE NO.

WORK TO BE PERFORMED AT:

ADDRESS
DATE OF PLANS
ARCHITECT

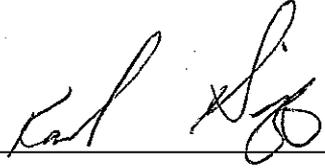
We hereby propose to furnish the materials and perform the labor necessary for the completion of _____

Parking Lot
Basement Floor
Garage Floor
Drive 1 X 20 STREET Patch
Patio
Service Walk REMOVE & REPLACE WITH M-4 CONCRETE
City Walk
City Approach AND NO. 4 BAR 2' OR OIL
Stoop
Steps
Curb and Gutter
8x8" Wall and 8x16" Footing
4x8" Wall and 8x16" Footing
12x42" Frost Footing

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of _____

Dollars (\$ 2,500.06)

with payments to be made as follows.

Respectfully Submitted 

Per _____

Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control.

Note - This proposal may be withdrawn by us if not accepted within _____ days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature _____

Date _____ Signature _____

Proposal