



AGENDA
REGULAR MEETING OF THE
WINDSOR HEIGHTS CITY COUNCIL
Monday, December 15, 2025 - 7:00 PM
WINDSOR HEIGHTS COUNCIL CHAMBERS - 1133 66th ST
ZOOM: <https://us02web.zoom.us/j/7832856334>
Meeting ID: 783 285 6334

Notice to the Public: If you would like the supporting documents and information, please call City Hall by noon the day of the meeting. Copies of City Council Agendas are free to the public. In consideration of all, if you have a cell phone, please turn it off or put it on silent ring. The use of obscene and vulgar language, hate speech, racial slurs, slanderous comments, and any other disruptive behavior during the Council meeting will not be tolerated and the offender may be barred by the presiding officer from further comment before the Council during the meeting and/or removed from the meeting.

1. **Call to Order/Roll Call/Pledge of Allegiance**
2. **Approval of the Agenda**
3. **Public Forum:** This is time set aside for comments from the public on topics of City business other than those listed on the agenda. No action may be taken. Please come to the podium, state your name and address for the record and keep your comments to no more than 5 minutes.
4. **Consent Agenda:** Any item on the Consent Agenda may be removed for separate consideration.
 - A. Approve Minutes of the Regular Council Meeting on December 1, 2025
 - B. Approve Financial Reports
 - C. Approve Liquor License Ownership Amendment - Aldi Inc - 7100 University Ave
 - D. Approve 68th Street Improvements Project Pay Request 7
 - E. Approve 73rd Street Phase 1 STP-U-8477(615)—70-77 Pay Request 17
 - F. Approve 2023 Colby Park Improvements Change Order #10
 - G. Approve 2023 Colby Park Improvements Pay Request 14
 - H. Approve 2023 Colby Park Improvements Final Acceptance and Certificate of Acceptance
 - I. Approve Forest Court Mill & Overlay Change Order 1
 - J. Approve Forest Court Mill & Overlay Pay Request 3 - Final
 - K. Approve Forest Court Mill & Overlay Final Acceptance and Certificate of Completion
 - L. Approve Wilshire Blvd Storm Sewer Project Pay Request 2
 - M. Approve Resolution No. 2025-84 - A Resolution to Set a Public Hearing and Take Bids on 74th Street Improvement Project

The agenda was posted on the official bulletin boards, posted to www.windsorheights.org, and city social media platforms in compliance with the requirements of city ordinances and the open meetings law. Scan the QR Code to visit our online Agenda Center. Select the meeting date and view the agenda packet including supporting documents and staff reports.



- N. Approve Resolution No. 2025-85 - A Resolution Waiving the Community Center 2 Hour Rental Requirement for Bridges of Iowa's Graduation Ceremonies in 2026
 - O. Approve Resolution No. 2025-86 - A Resolution to Appoint a Member and Alternate Member to the Polk County 911 Service Board
 - P. Approve Resolution No. 2025-87 - A Resolution to Appoint Members and Alternate Members to the Polk County Emergency Management Commission
 - Q. Approve Resolution No. 2025-88 - A Resolution Approving Metro Waste Authority Primary Board and Alternate Board Appointments
 - R. Approve Resolution No. 2025-89 - A Resolution Appointing Commissioner and Alternate Commissioner to DART for 2026
 - S. Approve Resolution No. 2025-90 - A Resolution Appointing Representation to the Des Moines Area MPO
 - T. Approve Resolution No. 2025-91 - A Resolution Reappointing Chaden Halfhill to the Board of Adjustment
 - U. Approve Resolution No. 2025-92 - A Resolution Reappointing Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood to the Planning & Zoning Commission
5. **Action Items:**
- A. Discuss 2026 YMCA Colby Park Summer Camp Use
 - B. Consideration of Resolution No. 2025-93 - A Resolution Approving the Memorandum of Understanding with the Cities of Urbandale, Waukee, and Windsor Heights for Fire and Emergency Medical Services Consulting
6. **Reports:**
- A. Mayor, Council Reports and Committee Updates, and Administration Reports
 - B. 2025 Vacant Property Report
7. **Adjourn**

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STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Minutes of the Regular Council Meeting on December 1, 2025

GENERAL INFORMATION

ATTACHMENTS

1. 12.1.25 Regular City Council Meeting Minutes

City of Windsor Heights Regular Business Meeting Minutes
Monday, December 1, 2025 - 6:00 PM
WINDSOR HEIGHTS COUNCIL CHAMBERS - 1133 66th ST

1. Call to Order/Roll Call/Pledge of Allegiance

Mayor Mike Jones called the meeting to order at 6:00 PM. Members present: Susan Skeries, Joseph Jones, Michael Libbie, Lauren Campbell, Threase Harms. Staff present: City Administrator Adam Plagge City Clerk Adam Strait, Public Works Director Andy Larson, City Engineer Justin Ernst, Police Chief Pete Roth, City Attorney Erin Clanton, Fire Cheif Jim Mease

2. Approval of the Agenda

Motion by Michael Libbie to APPROVE. Seconded by Susan Skeries. Motion passed 5-0.

3. Oath of Offices - Mike Jones, Fletcher Barry, Lauren Campbell, Joseph Jones

Mike Jones gave the oath of office to Fletcher, Lauren, and Joseph. Mike's swearing in was rescheduled to Friday, December 5 at 4PM.

4. Public Forum: This is time set aside for comments from the public on topics of City business other than those listed on the agenda. No action may be taken. Please come to the podium, state your name and address for the record and keep your comments to no more than 5 minutes.

Bob Bishop, 1128 64th Street - Bishop thanked outgoing and incoming council members, emphasized the importance of data-driven decision-making, and raised concerns about updating the City's Capital Improvement Plan on the website. He encouraged discussion of a future update to the comprehensive plan and highlighted ongoing costs associated with new parkland, requesting that the City maintain recently acquired property to the same standards required of residents. He also thanked staff for positive communication and problem-solving efforts.

Laurel Neumeyer, 1816 76th Street - Neumeyer expressed concerns about delayed snow removal following the recent storm, noting that early plowing had little impact and many streets were not cleared until the next morning. She stated that the response fell below residents' expectations and asked for clarity regarding any operational, equipment, or priority changes that may have contributed to the delay. She emphasized that timely snow removal is essential for public safety and community trust.

5. Consent Agenda: Any item on the Consent Agenda may be removed for separate consideration.

Motion by Threase Harms to APPROVE. Seconded by Michael Libbie. Motion passed 5-0.

- A. Approve Minutes of the Regular Council Meeting on November 17, 2025
- B. Approve Financial Reports
- C. Approve Resolution No. 2025-83 - A Resolution Waiving Community Center Fees for Good Vibes Movement Yoga
- D. Approve 68th Street Improvements Pay Application 7
- E. Approve Wilshire Blvd Storm Sewer Change Order 3

6. Action Items:

A. Consideration of 74th Street Improvement Incentive

Justin Ernst presented a report outlining a proposed incentive program for early completion of the 74th Street Reconstruction Project, recommending a \$50,000 incentive for early completion of each of the two project phases. He noted that while such incentives are more commonly used in commercial areas, they may help encourage timely completion, particularly given recent delays experienced on other city road projects. City Administrator Adam Plagge added that similar incentive models are used in other jurisdictions and could help reduce construction impacts to residents, though they would not guarantee timely completion.

Council members discussed the potential benefits and risks of implementing incentives, including concerns about setting a precedent for future projects, current challenges recovering liquidated damages, and the reduced retainage percentage under state law. They also discussed whether an incentive should be structured as a lump-sum early completion bonus or as a per-day incentive; staff advised that a lump-sum incentive tied to a phase completion date would reduce disputes over working-day calculations. Resident Laurel Neumeyer, 1816 78th Street, addressed the Council, asking how the lump-sum incentive compares to daily incentive models used elsewhere. Ernst responded by noting that daily incentives could lead to significant disputes over what qualifies as a working day, weather delays, and fractional-day calculations, which could create administrative challenges and disagreements with contractors. A lump-sum completion incentive reduces the likelihood of such disputes by focusing on a clear phase completion date rather than daily tracking, while still motivating contractors to finish earlier.

Following discussion, the Council indicated general support for including early completion incentives in the bid documents as a trial for this project. Staff will incorporate the incentives into the draft plans and specifications, with flexibility to remove them prior to final approval if needed.

B. Consideration of Resolution No. 2025-82 Approving the Creation of an Equipment Operator Position in Public Works

Public Works Director Andy presented the proposed creation of an Equipment Operator position, reporting that the Public Works Committee reviewed the proposal and was generally supportive, with one member still undecided. He explained that the added position is needed due to the expansion of city amenities and Public Works' increasing efforts to take on pavement preservation and stormwater work in-house. Andy clarified that while future equipment purchases may appear in the department's draft Equipment Replacement Plan, the new position does not require an additional vehicle, as the current fleet can adequately support an expanded staff.

Council discussed the potential impacts on hiring, operational capacity, and funding sources, with Andy noting that the last recruitment effort produced many qualified candidates and that road use tax impacts would be limited due to the diversity of capital funding mechanisms. Motion by Lauren Campbell to APPROVE. Seconded by Susan Skeries. Motion passed 5-0.

7. **Reports:**

A. Mayor, Council Reports and Committee Updates, and Administration Reports

- Councilor Threase Harms provided an update on preparations for Windsor Wonderland, thanking the volunteers who assist with the event each year and noting that all holiday trees had been claimed for decorating, with a completion deadline of Friday at 5 p.m. She commented on the snowy conditions and noted that this will be the first year the event takes place with snow on the ground, but expressed confidence in a successful

and well-attended celebration. She reminded the public that judging for the Holiday Lights Contest will begin at 7:00 p.m. on Friday and that registration remains open for the Fun Run, with volunteer opportunities still available as needed. Councilor Harms encouraged residents to attend Windsor Wonderland on Saturday and highlighted the expected daytime temperature of approximately 32 degrees.

- Councilor Lauren Campbell reported that on November 21, she attended a Special Events Committee meeting, after which she, Councilor Harms, and Councilor Harms participated in a Habitat for Humanity Women Build event as part of the “Team Municipal Muscle” group coordinated by Councilor Harms. The group assisted with installing a kitchen in a Habitat home and learned about the organization’s expanded modern programs, including its goal to double the number of homes it serves over the next three years. Councilor Campbell also announced that she and her mother will be attending Windsor Wonderland on Saturday, where she will be taking Santa photos.
- Councilor Michael Libbie announced that this would be his final council meeting, as he will be observing the religious holiday of Chanukkah, which begins on December 15 and lasts eight days. Councilor Libbie concluded by expressing his appreciation and stating that it has been a pleasure serving on the Council.
- Councilor Jones thanked Councilor Libbie for his service to the City. He reported that the Economic Development Committee met on Wednesday at 7:30 a.m. and described the meeting as productive, noting that the committee is preparing to resume work on several initiatives at the start of the new year. He also provided an update on the Reimagine DART Final Network Plan, stating that the final vote is scheduled for the following day after a year of discussion and public engagement. Councilor Jones shared that the stakeholders have largely reached consensus on the network design, with only minor adjustments made at the end of the process. He expressed appreciation for the support and feedback provided by City staff and residents throughout the effort and noted that the City will soon be able to begin planning next steps once the final network design is confirmed.
- Councilor Susan Skeries reported attending the Women in Government meeting on November 19 at Metro Waste Authority (MWA) in Grimes, where she and Des Moines Council Member Linda Westergaard began planning the 2026 program schedule, including proposed dates and host locations. She also attended the Metro Waste Authority Board Meeting that same day, where the Board discussed ongoing battery and holiday light recycling programs and approved a \$20-per-ton increase for materials dropped at the West Landfill. She noted that while this change will not directly impact Polk County cities, it may result in approximately a \$1-per-month increase for Dallas County residents, and she expressed appreciation that the adjustment corrects long-standing subsidy imbalances previously borne by Polk County communities. On November 21, Councilor Skeries volunteered alongside Councilors Harms and Campbell at a Habitat for Humanity Women Build event, assisting with cabinet installation and thanking the event organizers, including Councilor Harms and Amanda from DART, as well as Councilor Campbell for designing the team’s shirts. She also attended the grand opening of Venus Moon on University Avenue, noting the owner’s enthusiasm in joining the Windsor Heights business community, and participated in the Public Works Committee meeting. Looking ahead, Councilor Skeries plans to attend the Giving Tuesday event at Central Iowa Shelter & Services to help serve breakfast, meet with Colin from ICON to discuss special events and Earth Day, and attend the Greater Des Moines Partnership 2025 State Legislative Leadership Breakfast, followed by the MWA Executive Board meeting. She concluded by wishing for a successful Windsor Wonderland and hoping for favorable weather for the event.

B. FY27 Budget Planning Calendar

8. **Adjourn**

Motion by Michael Libbie to adjourn at 6:48 PM. Seconded by Susan Skeries. Motion passed 5-0.

Mike Jones, Mayor

Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL
FROM: Rachelle Swisher, Finance Director
SUBJECT: Approve Financial Reports

GENERAL INFORMATION

ATTACHMENTS

1. CLAIMS REPORT PAYROLL
2. CLAIMS REPORT



CITY OF WINDSOR HEIGHTS

12/11/25 9:01 AM

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*Check Summary Register©

Batch: PAY20250125.00,PAY20250125.01

Name		Check Date	Check Amt
1110 CASH			
501207e	Bi-Weekly ACH	12/5/2025	\$83,666.80
501211e	Bi-Weekly ACH	12/5/2025	\$4,248.44
		Total Checks	\$87,915.24

FILTER: ((([Act Year]='25-26' and [period] in (5,6))) and (Source in ('PAY20250125.00','PAY20250125.01')))



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12/11/25 8:44 AM

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***Check Detail Register©**

Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
1110 CASH					
687 e	12/03/25	FEDERAL TAX DEPOSIT			
G 001-2120		FEDERAL W/H PAYABLE	\$454.47		
G 001-2121		FICA W/H PAYABLE	\$802.18		
		Total	\$1,256.65		
688 e	12/03/25	STATE OF IOWA			
G 001-2122		STATE W/H PAYABLE	\$139.00		
		Total	\$139.00		
689 e	12/03/25	FEDERAL TAX DEPOSIT			
G 001-2120		FEDERAL W/H PAYABLE	\$13,870.67		
G 001-2121		FICA W/H PAYABLE	\$18,093.88		
		Total	\$31,964.55		
690 e	12/03/25	ISOLVED BENEFIT SERVICES			
G 001-2131		FSA AND DEPENDENT C	\$1,318.52		
		Total	\$1,318.52		
691 e	12/03/25	IPERS			
G 001-2123		IPERS PAYABLE	\$18,546.49		
		Total	\$18,546.49		
692 e	12/03/25	STATE OF IOWA			
G 001-2122		STATE W/H PAYABLE	\$3,397.74		
		Total	\$3,397.74		
693 e	12/03/25	MANHATTANLIFE			
G 001-2132		MANHATTAN LIFE	\$31.25		DAVISON, MARK
G 001-2132		MANHATTAN LIFE	\$3.38		JONES, BRIAN
G 001-2132		MANHATTAN LIFE	\$22.42		MEASE, JAMES
G 001-2132		MANHATTAN LIFE	\$6.63		PRICE, JEFF
G 001-2132		MANHATTAN LIFE	\$21.60		ROBERTS, JASON
G 001-2132		MANHATTAN LIFE	\$11.13		ROTH, PETE
G 001-2132		MANHATTAN LIFE	\$10.00		STAPLETON, BRIAN
		Total	\$106.41		
694 e	12/03/25	ASSURITY			
G 001-2128		ASSURITY	\$10.21		SWISHER, RACHELLE ASSURITY
G 001-2128		ASSURITY	\$18.31		AHRENS, TYLER ASSURITY
G 001-2128		ASSURITY	\$5.88		BROWN, CODY ASSURITY
G 001-2128		ASSURITY	\$36.07		DAVISON, MARK ASSURITY
G 001-2128		ASSURITY	\$45.10		IRLBECK, MICHAEL ASSURITY
G 001-2128		ASSURITY	\$33.62		MEASE, JAMES ASSURITY
G 001-2128		ASSURITY	\$18.75		NORRIS, CHAD ASSURITY
G 001-2128		ASSURITY	\$19.70		PRICE, JEFF ASSURITY
G 001-2128		ASSURITY	\$16.84		ROBERTS, JASON ASSURITY
G 001-2128		ASSURITY	\$39.82		ROTH, PETE ASSURITY
G 001-2128		ASSURITY	\$9.84		STRAIT, ADAM ASSURITY
		Total	\$254.14		
695 e	12/03/25	ICMA RETIREMENT TRUST			



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*Check Detail Register©

Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
G 001-2125		DEF COMP PAYABLE IC	\$396.87		ICMA DEFERRED COMP
G 001-2125		DEF COMP PAYABLE IC	\$1,856.54		ICMA - EMPLOYER
		Total	\$2,253.41		
696 e	12/03/25	CLEARFLY			
E 001-615-6373		COMMUNICATIONS	\$183.22	INV767314	PHONES
		Total	\$183.22		
697 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$26.26	574031182	6410 HICKMAN RD
		Total	\$26.26		
698 e	12/03/25	MIDAMERICAN ENERGY CO			
E 001-480-6371		UTILITIES	\$606.19	574090636	6900 SCHOOL ST CEC
		Total	\$606.19		
699 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$59.96	574032408	6440 HICKMAN RD
		Total	\$59.96		
700 e	12/03/25	MIDAMERICAN ENERGY CO			
E 001-480-6371		UTILITIES	\$69.55	574033439	6900 SCHOOL ST STAGE
		Total	\$69.55		
701 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$36.20	574033927	1145 73RD ST
		Total	\$36.20		
702 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$24.18	574039737	2227 63RD ST
		Total	\$24.18		
703 e	12/03/25	MIDAMERICAN ENERGY CO			
E 001-480-6371		UTILITIES	\$24.64	574048767	6900 SCHOOL ST
		Total	\$24.64		
704 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$107.18	574054363	6739 UNIV AVE
		Total	\$107.18		
705 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$25.43	574058325	7290 UNIV AVE
		Total	\$25.43		
706 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$135.93	574060218	6540 UNIV AVE
		Total	\$135.93		
707 e	12/03/25	MIDAMERICAN ENERGY CO			
E 001-620-6371		UTILITIES	\$226.29	574063345	1145 66TH ST
		Total	\$226.29		
708 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$25.71	574058677	1140 73RD ST



CITY OF WINDSOR HEIGHTS

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*Check Detail Register©

Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

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Total			\$25.71		
709 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$27.51	574032937	6300 UNIV AVE
Total			\$27.51		
710 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$24.60	574032929	7001 UNIV AVE
Total			\$24.60		
711 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$25.51	5740353369	951 73RD ST
Total			\$25.51		
712 e	12/03/25	MIDAMERICAN ENERGY CO			
E 001-150-6371		UTILITIES	\$536.40	574062974	1133 66TH ST
Total			\$536.40		
713 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-210-6371		UTILITIES	\$412.96	574048616	6800 SCHOOL ST
Total			\$412.96		
714 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-210-6371		UTILITIES	\$221.30	574048695	6800 SCHOOL ST
Total			\$221.30		
715 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$23.83	574048275	7116 UNIV AVE
Total			\$23.83		
716 e	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$3,218.08	574181755	STREET LIGHTS
Total			\$3,218.08		
717 e	12/03/25	T-MOBILE			
E 001-110-6373		COMMUNICATIONS	\$94.93		CELL PHONES
Total			\$94.93		
718 e	12/03/25	VERIZON WIRELESS			
E 001-110-6373		COMMUNICATIONS	\$40.01	6129041423	CELL PHONES/SERVICE
E 001-160-6373		COMMUNICATIONS	\$296.59	6129041423	CELL PHONES/SERVICE
E 001-110-6373		COMMUNICATIONS	\$38.48	6129041423	CELL PHONES/SERVICE
E 001-480-6373		COMMUNICATIONS	\$24.39	6129041423	CELL PHONES/SERVICE
E 110-210-6373		COMMUNICATIONS	\$60.06	6129041423	CELL PHONES/SERVICE
E 110-210-6373		COMMUNICATIONS	\$20.02	6129041423	CELL PHONES/SERVICE
E 110-210-6373		COMMUNICATIONS	\$40.04	6129041423	CELL PHONES/SERVICE
Total			\$519.59		
719 e	12/10/25	BANKERS TRUST COMPANY			
E 001-620-6405		COURT & RECORDING F	\$37.90		CREDIT CARD FEES
Total			\$37.90		
720 e	12/10/25	BANKERS TRUST COMPANY			
E 001-620-6405		COURT & RECORDING F	\$126.04		CREDIT CARD FEES



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
Total			\$126.04		
721 e	12/10/25	BANKERS TRUST COMPANY			
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Total			\$108.12		
722 e	12/10/25	DAIDA			
E 001-110-6507		OPERATING SUPPLIES	\$545.53	208720	RADIX MONTHLY
Total			\$545.53		
723 e	12/10/25	ISOLVED BENEFIT SERVICES			
E 112-110-6180		ALLOWANCES	\$25.20	116764-2	FSA FEES
E 112-150-6180		ALLOWANCES	\$12.60	116764-2	FSA FEES
E 112-210-6180		ALLOWANCES	\$8.40	116764-2	FSA FEES
E 112-620-6180		ALLOWANCES	\$12.60	116764-2	FSA FEES
Total			\$58.80		
724 e	12/10/25	METRONET			
E 001-615-6373		COMMUNICATIONS	\$179.90	1741632571	INTERNET
Total			\$179.90		
725 e	12/10/25	UMB BANK			
E 200-530-6862		2016B INTEREST	\$250.00	1032213	2016B BOND FEES
Total			\$250.00		
726 e	12/10/25	UMB BANK			
E 200-530-6861		2016A INTEREST	\$250.00	1032214	2016A BOND FEES
Total			\$250.00		
59617	12/03/25	AMAZON CAPITAL SERVICES			
E 001-150-6506		OFFICE SUPPLIES	\$13.48	1163-6MQJ-7	SUPPLIES
E 001-150-6504		MINOR EQUIPMENT	\$29.98	11VH-F3VF-L	TOOL POUCHES
E 001-160-6230		TRAINING	\$995.95	13Y9-KQ31-T	CPR MANNEQUIN KIT
E 001-110-6504		MINOR EQUIPMENT	\$87.05	19QY-76H1-L	GUN CLEANING SUPPLIES
E 001-110-6504		MINOR EQUIPMENT	\$98.99	1RGQ-M6JL-	ULTRASONIC GUN CLEANER
E 001-150-6506		OFFICE SUPPLIES	\$11.04	1VNJ-C79F-T	LABEL MAKER TAPE
Total			\$1,236.49		
59618	12/03/25	BANYON DATA SYSTEMS			
E 001-620-6419		TECHNOLOGY SERVICE	\$2,420.00	00167305	BANYON ANNUAL SUPPORT FEES
Total			\$2,420.00		
59619	12/03/25	BOLTON & MENK			
E 326-210-6407		PROF FEES/ENGINEERI	\$25,124.50	0380279	68TH ST S ENG
E 328-210-6407		PROF FEES/ENGINEERI	\$4,719.00	0380281	74TH ST ENG
E 740-865-6407		PROF FEES/ENGINEERI	\$3,564.00	0380284	WILSHIRE STORM SEWER ENG
E 001-620-6407		PROF FEES/ENGINEERI	\$26,567.50	0380285	GEN ENGINEERING
Total			\$59,975.00		
59620	12/03/25	BULLZEYE, INC			
E 001-110-6409		JANITORIAL	\$955.00	10143	PSB NOV CLEANINGS
E 001-620-6409		JANITORIAL	\$591.00	10169	CH NOV CLEANINGS
E 001-480-6511		BLDG & GROUNDS OPE	\$975.00	10198	CEC NOV CLEANINGS



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***Check Detail Register©**

Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
Total			\$2,521.00		
59621	12/03/25	CATCH DES MOINES			
E 001-460-6421		CULT SVCS - CONVENTI	\$50.21	24864	NOV 2025 HOTELL/MOTEL
Total			\$50.21		
59622	12/03/25	CINTAS			
E 001-150-6310		BUILDING REPAIR	\$38.53	5303952321	FIRST AID CABINET SUPPLIES
Total			\$38.53		
59623	12/03/25	GANNETT IOWA LOCALIQ			
E 001-620-6414		PUBLICATIONS	\$636.72	7444513	PUBLICATIONS
Total			\$636.72		
59624	12/03/25	HOTT OFF THE PRESS			
E 001-620-6374		NEWSLETTERS	\$1,790.05	36223	NOV NEWSLETTER
Total			\$1,790.05		
59625	12/03/25	INTERSTATE ALL BATTERY			
E 001-150-6506		OFFICE SUPPLIES	\$58.50	19246020634	BATTERIES
Total			\$58.50		
59626	12/03/25	IOWA MEDICAID ENTERPRISE			
E 001-160-6413		CONTRIBUTIONS & PAY	\$4,997.09	11 2025 95	DEC STATE SHARE GEMT PAYMENT
Total			\$4,997.09		
59627	12/03/25	IOWA SOLUTIONS INC			
E 350-615-6727		OTHER CAPITAL EQUIP	\$4,020.33	97087	COMPUTER EQUIPMENT
E 001-615-6419		TECHNOLOGY SERVICE	\$3,892.00	97149	MANAGED SERVICES
E 001-615-6419		TECHNOLOGY SERVICE	\$36.00	97472	HARD DRIVE DISPOSAL
Total			\$7,948.33		
59628	12/03/25	MANHATTANLIFE			
G 001-2132		MANHATTAN LIFE	\$278.58		BENEFITS
Total			\$278.58		
59629	12/03/25	MERCY ONE CLIVE PHARMACY			
E 001-160-6498		MEDICAL SUPPLIES	\$17.97		MEDICATIONS
Total			\$17.97		
59630	12/03/25	METRO WASTE AUTHORITY			
E 670-840-6490		OTHER PROF SERVICES	\$9,303.20	70031455	CURB IT FEE
E 670-840-6413		CONTRIBUTIONS & PAY	\$22,575.53	70031456	GARBAGE FEES
Total			\$31,878.73		
59631	12/03/25	MIDAMERICAN ENERGY CO			
E 110-230-6371		UTILITIES	\$174.92	574031480	1804 73RD ST SPEED SIGN
E 110-230-6371		UTILITIES	\$11.09	574057814	1601 73RD ST
Total			\$186.01		
59632	12/03/25	NORRIS, MASON			
E 001-110-6406		COMPLIANCE FUNDS	\$75.00		COMPLIANCE CHECKS
Total			\$75.00		



CITY OF WINDSOR HEIGHTS

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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
59633	12/03/25	PFM FINANCIAL ADVISORS LLC			
E 001-620-6490		OTHER PROF SERVICES	\$7,500.00	139118	2026 VALUATION ANALYSIS
		Total	\$7,500.00		
59634	12/03/25	PREMIER AUTOMOTIVE			
E 001-110-6332		REPAIR - VEHICLES & E	\$36.14	9074730	CAR 29 OIL AND FILTER
E 001-110-6332		REPAIR - VEHICLES & E	\$36.14	9074741	CAR 25 OIL AND FILTER
		Total	\$72.28		
59635	12/03/25	QPS EMPLOYMENT GROUP			
E 001-110-6022		SALARIES A.T.E CLAIMS	\$460.80	0893372	HANKINS, ALLIE 11/22/25
		Total	\$460.80		
59636	12/03/25	SAFE BUILDING COMPLIANCE			
E 001-170-6407		PROF FEES/ENGINEERI	\$1,887.03	04092427	BUILDING INSPECTIONS
		Total	\$1,887.03		
59637	12/03/25	SAM'S CLUB DIRECT			
E 001-620-6506		OFFICE SUPPLIES	\$31.96		OFFICE SUPPLIES
E 001-110-6504		MINOR EQUIPMENT	\$169.60		SUPPLIES
E 001-150-6510		HAZMAT SUPPLIES	\$95.94		SUPPLIES
		Total	\$297.50		
59638	12/03/25	SHEKAR ENGINEERING, P.L.C.			
E 326-210-6761		CAP OUTLAY	\$147,818.27		68TH ST S PAY REQUEST #7
		Total	\$147,818.27		
59639	12/03/25	SPOTFREE CAR WASH			
E 001-110-6331		MOTOR VEHICLE OPER	\$806.40	316	FLEET CAR WASHES
		Total	\$806.40		
59640	12/03/25	STANARD & ASSOC. INC.			
E 001-110-6507		OPERATING SUPPLIES	\$121.00	SA00006310	POST EXAMS
		Total	\$121.00		
59641	12/03/25	STANDARD INSURANCE COMPANY			
E 112-210-6150		INSURANCE	\$440.22		LIFE/LTD/STD
E 112-620-6150		INSURANCE	\$364.77		LIFE/LTD/STD
E 112-110-6150		INSURANCE	\$1,256.07		LIFE/LTD/STD
E 112-150-6150		INSURANCE	\$387.09		LIFE/LTD/STD
		Total	\$2,448.15		
59642	12/03/25	STAPLES			
E 001-110-6506		OFFICE SUPPLIES	\$173.78	7007832506	OFFICE SUPPLIES
E 001-620-6506		OFFICE SUPPLIES	\$101.92	7007832506	OFFICE SUPPLIES
		Total	\$275.70		
59643	12/03/25	UNITYPOINT HEALTH			
E 112-110-6180		ALLOWANCES	\$521.54	286021	PHYSICAL
		Total	\$521.54		
59644	12/03/25	VERIZON WIRELESS			
E 001-110-6507		OPERATING SUPPLIES	\$165.00	9022417075	INVESTIGATION TOWER FEES



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
		Total	\$165.00		
59645	12/03/25	CAPITAL ONE			
E 001-150-6310		BUILDING REPAIR	\$82.02	1666329307	CLEANING SUPPLIES
		Total	\$82.02		
59646	12/03/25	ZWC CONDO ASSOC			
E 001-620-6310		BUILDING REPAIR	\$53.50		PEST CONTROL
		Total	\$53.50		
59647	12/09/25	BENELL, ALYSON			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59648	12/09/25	BESCHORNER, KAYTIE			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59649	12/09/25	BISHOP, DAVID			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59650	12/09/25	BLACK, MALINDA			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59651	12/09/25	BLOUNT, JENNIFER			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59652	12/09/25	CHEVILLE, CANDI			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59653	12/09/25	CORLEY, MARI			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$162.25		CLASS ACTION SETTLEMENT
		Total	\$162.25		
59654	12/09/25	CZEPOWSKI, KATHERINE			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59655	12/09/25	FARMER, DAWN			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$256.00		CLASS ACTION SETTLEMENT
		Total	\$256.00		
59656	12/09/25	FELDER, STEVEN			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$103.00		CLASS ACTION SETTLEMENT
		Total	\$103.00		
59657	12/09/25	HARRIS, TIFFANY			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
59658	12/09/25	HUFFMAN, JASON			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$162.00		CLASS ACTION SETTLEMENT
		Total	\$162.00		
59659	12/09/25	HUISMAN, BRANDIE			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59660	12/09/25	HUTCHINSON, SHANNON			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59661	12/09/25	JOHANNSEN, JENNIFER			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59662	12/09/25	KOLBE, CODY			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$162.00		CLASS ACTION SETTLEMENT
		Total	\$162.00		
59663	12/09/25	LYES, NATALIA			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$93.00		CLASS ACTION SETTLEMENT
		Total	\$93.00		
59664	12/09/25	NOLAN, VINCENT			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$162.00		CLASS ACTION SETTLEMENT
		Total	\$162.00		
59665	12/09/25	ONEAL, BELINDA			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$243.00		CLASS ACTION SETTLEMENT
		Total	\$243.00		
59666	12/09/25	PETTY, DANIELLE			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$162.00		CLASS ACTION SETTLEMENT
		Total	\$162.00		
59667	12/09/25	SARGENT, JAMES			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$137.00		CLASS ACTION SETTLEMENT
		Total	\$137.00		
59668	12/09/25	SHERMAN, PAUL			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59669	12/09/25	SMITH, CALVIN			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$81.00		CLASS ACTION SETTLEMENT
		Total	\$81.00		
59670	12/09/25	SMITH, JESSICA			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$69.00		CLASS ACTION SETTLEMENT
		Total	\$69.00		
59671	12/09/25	VINCHATTLE, COURTNEY			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$177.00		CLASS ACTION SETTLEMENT



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
Total			\$177.00		
59672	12/09/25	WILLIAMS, ABIGAIL			
E 001-110-6410		A.T.E. CLAIM PYMTS	\$30.00		CLASS ACTION SETTLEMENT
Total			\$30.00		
59674	12/10/25	AIRGAS			
E 001-160-6498		MEDICAL SUPPLIES	\$8.10		OXYGEN
Total			\$8.10		
59675	12/10/25	AMAZON CAPITAL SERVICES			
E 001-150-6310		BUILDING REPAIR	\$26.97	17PQ-RRJK-	SUPPLIES
E 001-110-6506		OFFICE SUPPLIES	\$37.98	1DYM-P9QL-	OFFICE SUPPLIES
E 001-150-6310		BUILDING REPAIR	\$16.99	1XG6-R6TC-	GARDEN HOSE SPLITTER
E 001-150-6180		ALLOWANCES	\$58.98	1YFF-YJDD-	CLOTHING ALLOWANCE
Total			\$140.92		
59676	12/10/25	BOLTON & MENK			
E 001-620-6407		PROF FEES/ENGINEERI	\$4,367.00	0381025	PLANNING SERVICES
E 321-210-6407		PROF FEES/ENGINEERI	\$2,374.50	0381124	WALNUT CREEK ENG
Total			\$6,741.50		
59677	12/10/25	BOUND TREE MEDICAL LLC			
E 001-160-6498		MEDICAL SUPPLIES	\$674.80	86002930	MEDICAL SUPPLIES
E 001-160-6498		MEDICAL SUPPLIES	\$85.50	86006398	MEDICAL SUPPLIES
Total			\$760.30		
59678	12/10/25	BULLZEYE, INC			
E 001-110-6409		JANITORIAL	\$124.40	10207	SUPPLIES
Total			\$124.40		
59679	12/10/25	CITY OF URBANDALE			
E 001-110-6411		LEGAL	\$2,841.24	2026-400000	CIT SERVICES
Total			\$2,841.24		
59680	12/10/25	CONSTRUCTION MATERIALS TESTING			
E 326-210-6761		CAP OUTLAY	\$5,671.50	57343	68TH ST S MATERIALS TESTING
E 740-865-6765		STORM DRAINAGE CAPI	\$1,149.50	57344	WILSHIRE STORM SEWER MATERIALS TESTING
E 322-210-6761		CAP OUTLAY	\$4,630.25	57355	73RD ST MATERIALS TESTING
Total			\$11,451.25		
59681	12/10/25	CUSTOM AWARDS			
E 001-610-6507		OPERATING SUPPLIES	\$186.00	101674	COUNCILOR RECOGNITION
Total			\$186.00		
59682	12/10/25	DANKO EMERGENCY EQ. CO.			
E 001-150-6334		VEHICLE TESTING/ANN	\$955.00	144426	TNT ANNUAL MAINTENANCE
Total			\$955.00		
59683	12/10/25	ENTENMANN-ROVIN CO			
E 001-110-6180		ALLOWANCES	\$561.00	0204705	CLOTHING ALLOWANCE
Total			\$561.00		



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
59684	12/10/25	FIRST RESPONDER SUPPLY			
E 001-110-6180		ALLOWANCES	\$162.41	3492	CLOTHING ALLOWANCE
E 001-110-6180		ALLOWANCES	\$135.00	3498	CLOTHING ALLOWANCE
		Total	\$297.41		
59685	12/10/25	GALLS LLC			
E 001-150-6180		ALLOWANCES	\$204.99	033248573	CLOTHING ALLOWANCE
		Total	\$204.99		
59686	12/10/25	HELIX PEST SOLUTIONS LLC			
E 001-150-6310		BUILDING REPAIR	\$35.00	11999	PEST CONTROL
		Total	\$35.00		
59687	12/10/25	HYDRO KLEAN			
E 328-210-6761		CAP OUTLAY	\$6,525.00	097308	SEWER TELEVISIONING
		Total	\$6,525.00		
59688	12/10/25	IMWCA			
E 112-150-6160		WORKER'S COMP	\$2,965.65	INV96424	INSTALLMENT 6 WORK COMP PREMIUM
E 112-210-6160		WORKER'S COMP	\$697.80	INV96424	INSTALLMENT 6 WORK COMP PREMIUM
E 112-110-6160		WORKER'S COMP	\$2,093.40	INV96424	INSTALLMENT 6 WORK COMP PREMIUM
E 112-620-6160		WORKER'S COMP	\$2.91	INV96424	INSTALLMENT 6 WORK COMP PREMIUM
E 740-865-6160		WORKER'S COMP	\$55.24	INV96424	INSTALLMENT 6 WORK COMP PREMIUM
		Total	\$5,815.00		
59689	12/10/25	INTERSTATE ALL BATTERY			
E 001-160-6332		REPAIR - VEHICLES & E	\$237.85	19246010763	A553 BATTERY
		Total	\$237.85		
59690	12/10/25	IOWA LAW ENFORCEMENT ACADE			
E 001-110-6230		TRAINING	\$250.00		ANNUAL CONF IRLBECK
		Total	\$250.00		
59691	12/10/25	POLICE LEGAL SCIENCES INC			
E 001-110-6230		TRAINING	\$2,110.00	13616	ANNUAL PLS TRAINING FEE
		Total	\$2,110.00		
59692	12/10/25	QPS EMPLOYMENT GROUP			
E 001-110-6022		SALARIES A.T.E CLAIMS	\$345.60	0894191	HANKINS, ALLIE 11/29/25
		Total	\$345.60		
59693	12/10/25	ROETMAN, JOE			
E 001-110-6180		ALLOWANCES	\$170.13		CLOTHING ALLOWANCE
		Total	\$170.13		
59694	12/10/25	ROTARY CLUB OF WAUKEE			
E 001-110-6120		DUES & MEMBERSHIPS	\$225.00	8303	QTRLY DUES
		Total	\$225.00		
59695	12/10/25	SAFE BUILDING COMPLIANCE			
E 001-150-6407		PROF FEES/ENGINEERI	\$320.00	04092443	NOVEMBER RENTAL INSPECTIONS
		Total	\$320.00		



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Batch: PRL-120525,PRL-120125,120325PAY,120925PAY,121025PAY

Check #	Check Date	Vendor Name	Amount	Invoice	Comment
59696	12/10/25	TARGET SOLUTIONS LEARNING LLC			
E 001-150-6230		TRAINING	\$4,120.70	INV131531	ONLINE TRAINING SOFTWARE
		Total	\$4,120.70		
59697	12/10/25	TRANSUNION RISK & ALTERNATIVE			
E 001-110-6507		OPERATING SUPPLIES	\$100.00		NOV BILLING
		Total	\$100.00		
		1110	\$391,563.69		

Fund Summary

1110 CASH

001 GENERAL	\$140,043.85
110 ROAD USE TAX	\$4,700.77
112 EMPLOYEE BENEFITS	\$8,788.25
200 DEBT SERVICE	\$500.00
321 WALNUT CREEK STREAM PROJ	\$2,374.50
322 73RD STREET	\$4,630.25
326 68TH STREET SOUTH	\$178,614.27
328 74TH STREET	\$11,244.00
350 EQUIPMENT REVOLVING FUND	\$4,020.33
670 GARBAGE/RECYCLING	\$31,878.73
740 STORM WATER	\$4,768.74
	\$391,563.69



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Liquor License Ownership Amendment - Aldi Inc - 7100 University Ave

GENERAL INFORMATION

ATTACHMENTS

1. Aldi Liquor License Ownership Amendment

License
Administration

< CITY OF WINDSOR HEIGHTS

Local Authority Review

CITY OF WINDSOR HEIGHTS

1009378802

>

Owners

Business Information

Customer Type

BUS

Business Sub-Type

Corporation

Business Designation

Legal Business Name

ALDI INC

Old Ownership Information

Owner Type	Owner	Single Line Address	Ownership Percentage
 Owner	BEATTIE, PHILIP	748 EVERGREEN LANE	0.00
 Owner	BEHM, DAVID	209 FAIRFIELD AVENUE	0.00

Updated Ownership Information

	Owner Type	Owner	Single Line Address	Ownership Percentage
	Owner	BEATTIE, PHILIP	748 EVERGREEN LN SU	0.00
	Owner	BEHM, DAVID	209 S FAIRFIELD AVE EL	0.00
	Officer	MCCARTHY, HEATHER	279 MARINA DR SAINT	0.00

Impacted Active Licenses

Jurisdiction Code	Permit Type	License Number	Address
City of Windsor He	Class "B" Retail Alcc	LG0001054	

Criminal History

Has anyone listed on the Ownership page been charged or convicted of a felony offense in Iowa or any other state of the United States?

No

Has anyone listed on the Ownership page been convicted of any violation of any state, county, city, federal or foreign law? For traffic violations, only include those that are drug or alcohol related.

No

Local Authority Information

Local Authority Reviewing

City of Windsor Heights



Local Authority Signature Date



Approved/Denied *

Required



Local Authority Email *

Required

Local Authority Attestation Name *

Required

Local Authority Contact Phone Number *

Required

Comments

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STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer

SUBJECT: Approve 68th Street Improvements Project Pay Request 7

GENERAL INFORMATION

ATTACHMENTS

1. LTR-68th Street-Pay App 7
2. 133739_Pay Application_007_Signed



**BOLTON
& MENK**

Real People. Real Solutions.

430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

November 21, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: 68th Street Improvements Project
Pay Request 7

Dear Mr. Plagge:

Submitted for your approval is Pay Request 7 for the above-mentioned project. Pay request is for a total payment of \$147,818.27. The total payments to date: \$1,297,346.64. Please see enclosure for a full summary of the items completed that are included in this payment.

Bolton & Menk, Inc., recommends the approval of Pay Request 7. Upon approval, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office and one executed copy of the pay request to Shekar Engineering, P.L.C. with payment.

Please let me know if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Justin Ernst, PE
Municipal Assistant Practice Leader, Principal

Enclosure



City of Windsor Heights - Iowa

Detailed Payment

68th Street Improvements

Description Reconstruction of 68th Street

Payment Number 7

Pay Period 10/01/2025 to 10/31/2025

Prime Contractor SHEKAR ENGINEERING, PLC

Payment Status Pending

Awarded Project Amount \$1,878,164.17

Authorized Amount \$1,886,537.86

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Section: 0001 - Base Bid - Quantities										
0001	2010-C	LS	\$10,237.500	1.000	0.000	1.000	1.000	1.000	\$0.00	\$10,237.50
CLEARING AND GRUBBING										
0002	2010-D-1	CY	\$10.200	948.000	0.000	237.000	237.000	237.000	\$0.00	\$2,417.40
TOPSOIL, ON-SITE										
0003	2010-E	CY	\$15.300	2,606.000	231.000	1,334.000	1,565.000	1,565.000	\$3,534.30	\$23,944.50
EXCAVATION, CLASS 10										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0004	2010-F	CY	\$20.400	795.000	40.500	158.502	199.002	199.002	\$826.20	\$4,059.64
BELOW GRADE EXCAVATION (CORE OUT)										
0005	2010-G	SY	\$1.020	7,950.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SUBGRADE PREPARATION										
0006	2010-I	SY	\$2.040	795.000	0.000	438.756	438.756	438.756	\$0.00	\$895.06
SUBGRADE TREATMENT, GEOGRID, TYPE 2										
0007	2010-J	SY	\$16.830	7,950.000	733.000	4,270.301	5,003.301	5,003.301	\$12,336.39	\$84,205.56
SUBBASE, MODIFIED, 8 INCHES										
0008	3010-D	CY	\$81.600	100.000	0.000	58.800	58.800	58.800	\$0.00	\$4,798.08
REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL										
0009	4020-A-1	LF	\$44.280	12.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER, TRENCHED, PP, 8 INCH										
0010	4020-A-1	LF	\$46.890	1,550.000	0.000	1,048.900	1,048.900	1,048.900	\$0.00	\$49,182.92
STORM SEWER, TRENCHED, 15 INCH										
0011	4020-A-1	LF	\$83.040	27.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER, TRENCHED, 18 INCH										
0012	4020-A-1	LF	\$151.470	47.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER, TRENCHED, 36 INCH										
0013	4020-A-1	LF	\$232.490	50.000	0.000	40.000	40.000	40.000	\$0.00	\$9,299.60
STORM SEWER, TRENCHED, RCP, 37" X 23" ARCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0014	4020-D	LF	\$9.930	348.000	0.000	148.000	148.000	148.000	\$0.00	\$1,469.64
REMOVAL OF STORM SEWER, LESS THAN 36 INCH										
0015	4040-A	LF	\$14.520	3,330.000	417.000	1,951.000	2,368.000	2,368.000	\$6,054.84	\$34,383.36
SUBDRAIN, PERFORATED HDPE, 6 INCH										
0016	4040-C-1	EA	\$501.030	16.000	0.000	10.000	10.000	10.000	\$0.00	\$5,010.30
SUBDRAIN CLEANOUT, TYPE A-1, 6 INCH										
0017	4040-D-1	EA	\$475.310	14.000	0.000	8.000	8.000	8.000	\$0.00	\$3,802.48
SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 INCH										
0018	4050-H-1	EA	\$5,397.010	3.000	3.000	10.500	13.500	13.500	\$16,191.03	\$72,859.64
SPOT REPAIRS BY PIPE REPLACEMENT, PVC, 4 INCH										
0019	SPEC. PROV.	LF	\$790.910	10.000	0.000	16.000	16.000	16.000	\$0.00	\$12,654.56
WATER MAIN, TRENCHED, PVC C900 (DR 18), 6 INCH WITH TRACER WIRE										
0020	SPEC. PROV.	LF	\$50.630	1,880.000	430.000	1,379.300	1,809.300	1,809.300	\$21,770.90	\$91,604.86
WATER MAIN, TRENCHED, PVC C900 (DR 18), 8 INCH WITH TRACER WIRE										
0021	SPEC. PROV.	LB	\$8.580	1,779.000	46.000	2,011.000	2,057.000	2,057.000	\$394.68	\$17,649.06
FITTING BY WEIGHT, DUCTILE IRON										
0022	SPEC. PROV.	EA	\$1,264.190	23.000	7.000	16.000	23.000	23.000	\$8,849.33	\$29,076.37
WATER SERVICE TRANSFER, COPPER, 1 INCH , SAME SIDE										
0023	SPEC. PROV.	EA	\$2,022.360	26.000	3.000	19.000	22.000	22.000	\$6,067.08	\$44,491.92
WATER SERVICE TRANSFER, COPPER, 1 INCH, OPPOSITE SIDE										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0024	SPEC. PROV.	LF	\$8.220	410.000	0.000	55.300	55.300	55.300	\$0.00	\$454.57
WATER MAIN REMOVAL										
0025	SPEC. PROV.	EA	\$2,210.620	1.000	0.000	3.000	3.000	3.000	\$0.00	\$6,631.86
VALVE, GATE, 6 INCH										
0026	SPEC. PROV.	EA	\$2,923.700	4.000	0.000	6.000	6.000	6.000	\$0.00	\$17,542.20
VALVE, GATE, 8 INCH										
0027	SPEC. PROV.	EA	\$7,946.350	5.000	1.000	5.000	6.000	6.000	\$7,946.35	\$47,678.10
FIRE HYDRANT ASSEMBLY										
0028	SPEC. PROV.	EA	\$1,439.150	5.000	0.000	3.000	3.000	3.000	\$0.00	\$4,317.45
FLUSHING DEVICE (BLOW OFF), 4 INCH										
0029	SPEC. PROV.	EA	\$727.440	5.000	0.000	2.000	2.000	2.000	\$0.00	\$1,454.88
FIRE HYDRANT ASSEMBLY REMOVAL										
0030	SPEC. PROV.	EA	\$92.130	3.000	0.000	1.000	1.000	1.000	\$0.00	\$92.13
VALVE BOX REMOVAL										
0031	SPEC. PROV.	EA	\$524.630	49.000	17.000	34.000	51.000	51.000	\$8,918.71	\$26,756.13
TAP FEE, 1", REPLACE TAP FOR WATER SERVICE										
0032	SPEC. PROV.	EA	\$2,228.390	3.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE										
0033	6010-A	EA	\$6,546.880	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM MANHOLE, SW-401, 60 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0034	6010-A	EA	\$8,531.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$8,531.00
STORM MANHOLE, SW-401, 72 INCH										
0035	6010-B	EA	\$4,066.390	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE, SW-501										
0036	6010-B	EA	\$5,673.030	12.000	0.000	7.750	7.750	7.750	\$0.00	\$43,965.98
INTAKE, SW-505										
0037	6010-B	EA	\$4,046.560	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE, SW-507										
0038	6010-B	EA	\$2,042.730	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE, SW-512										
0039	6010-B	EA	\$11,693.510	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE, SW-516, MODIFIED										
0040	6010-E	EA	\$2,002.560	5.000	0.000	5.000	5.000	5.000	\$0.00	\$10,012.80
SANITARY MANHOLE ADJUSTMENT, MINOR										
0041	6010-E	EA	\$1,458.720	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM MANHOLE ADJUSTMENT, MINOR										
0042	6010-F	EA	\$3,385.790	3.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SANITARY MANHOLE ADJUSTMENT, MAJOR										
0043	6010-G	EA	\$784.810	1.000	0.000	1.000	1.000	1.000	\$0.00	\$784.81
CONNECTION TO EXISTING MANHOLE										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0044	6010-H	EA	\$889.920	9.000	0.000	5.000	5.000	5.000	\$0.00	\$4,449.60
REMOVE INTAKE										
0045	7010-A	SY	\$57.260	6,100.000	441.500	3,584.723	4,026.223	4,026.223	\$25,280.29	\$230,541.53
PAVEMENT, PCC, 7 INCH										
0046	7010-A	SY	\$123.170	200.000	0.000	167.000	167.000	167.000	\$0.00	\$20,569.39
PAVEMENT, PCC, 10 INCH										
0047	7010-999-A	LF	\$1.020	12,350.000	0.000	4,831.000	4,831.000	4,831.000	\$0.00	\$4,927.62
JOINT PREVENTATIVE SEALANT										
0048	7010-N	SY	\$5.250	1,800.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
COLD WEATHER PROTECTION										
0049	7030-A-1	SY	\$10.200	100.000	0.000	117.700	117.700	117.700	\$0.00	\$1,200.54
REMOVAL OF SIDEWALK										
0050	7030-A-3	SY	\$10.200	1,190.000	0.000	1,155.400	1,155.400	1,155.400	\$0.00	\$11,785.08
REMOVAL OF DRIVEWAY										
0051	7030-E	SY	\$45.900	820.000	1.500	470.860	472.360	472.360	\$68.85	\$21,681.32
SIDEWALK, PCC, 4 INCH										
0052	7030-E	SY	\$66.300	10.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SIDEWALK, PCC, 4 INCH, REINFORCED										
0053	7030-E	SY	\$56.100	130.000	0.000	100.200	100.200	100.200	\$0.00	\$5,621.22
SIDEWALK, PCC, 6 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0054	7030-G	SY	\$51.000	96.000	0.000	76.800	76.800	76.800	\$0.00	\$3,916.80
DETECTABLE WARNING										
0055	7030-H-1	SY	\$59.670	1,020.000	0.000	720.080	720.080	720.080	\$0.00	\$42,967.17
DRIVEWAY, PAVED, PCC, 6 INCH										
0056	7030-H-3	TON	\$45.900	50.000	0.000	11.500	11.500	11.500	\$0.00	\$527.85
TEMPORARY GRANULAR SURFACING, CLASS A ROAD STONE										
0057	7040-H	SY	\$12.140	5,630.000	0.000	5,630.000	5,630.000	5,630.000	\$0.00	\$68,348.20
PAVEMENT REMOVAL										
0058	8020-C	STA	\$1,785.000	2.000	0.000	2.000	2.000	2.000	\$0.00	\$3,570.00
PAINTED PAVEMENT MARKINGS, DURABLE										
0059	8020-M	STA	\$918.000	2.000	0.000	2.000	2.000	2.000	\$0.00	\$1,836.00
GROOVES CUT FOR PAVEMENT MARKINGS										
0060	8030-A	LS	\$13,158.000	1.000	0.100	0.500	0.600	0.600	\$1,315.80	\$7,894.80
TEMPORARY TRAFFIC CONTROL										
0061	8040-A	EA	\$153.000	13.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TRAFFIC SIGNS, TYPE A										
0062	8040-D	EA	\$204.000	13.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PERFORATED SQUARE STEEL TUBE POSTS										
0063	9010-D	MGAL	\$71.400	93.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATERING										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0064	9020-A	SQ	\$66.300	350.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SOD										
0065	9030-B	EA	\$408.000	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PLANTS WITH WARRANTY, ORNAMENTAL TREE										
0066	9030-B	EA	\$464.100	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PLANTS WITH WARRANTY, DECIDUOUS TREE										
0067	9040-A-1	LS	\$1,530.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$1,530.00
SWPPP PREPARATION										
0068	9040-A-2	LS	\$3,468.000	1.000	0.100	0.600	0.700	0.700	\$346.80	\$2,427.60
SWPPP MANAGEMENT										
0069	9040-D-1	LF	\$1.730	6,000.000	0.000	742.000	742.000	742.000	\$0.00	\$1,283.66
FILTER SOCK, 9 INCH										
0070	9040-O-1	SY	\$10.200	300.000	142.000	100.000	242.000	242.000	\$1,448.40	\$2,468.40
STABILIZED CONSTRUCTION ENTRANCE										
0071	9040-Q-2	AC	\$1,489.200	1.000	0.110	0.388	0.498	0.498	\$163.81	\$741.62
EROSION CONTROL MULCHING, HYDRO MULCHING										
0072	9040-T-1	EA	\$102.000	31.000	0.000	12.000	12.000	12.000	\$0.00	\$1,224.00
INLET PROTECTION DEVICE, MAINTENCE, AND REMOVAL										
0073	9070-A	SF	\$49.980	160.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
MODULAR BLOCK RETAINING WALL										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0074	11020-A	LS	\$109,882.500	1.000	0.000	1.000	1.000	1.000	\$0.00	\$109,882.50
MOBILIZATION										
0075	9040-D-1	LS	\$4,725.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
MAINTENANCE OF POSTAL SERVICE										
0076	9040-O-1	LS	\$5,250.000	1.000	0.000	0.200	0.200	0.200	\$0.00	\$1,050.00
MAINTENANCE OF SOLID WASTE COLLECTION										
0077	9040-Q-2	LS	\$3,150.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$3,150.00
TEMPORARY PEDESTRIAN RESIDENTIAL ACCESS										
0078	11030-A	LS	\$3,672.000	1.000	0.100	0.600	0.700	0.700	\$367.20	\$2,570.40
CONCRETE WASHOUT										
8010	2599-9999010	LS	\$2,410.320	1.000	0.000	1.000	1.000	1.000	\$0.00	\$2,410.32
('LUMP SUM' ITEM): Water Main Casing Pipe - School Street & 68th Street										
8020	2599-9999010	LS	\$4,058.400	1.000	0.000	1.000	1.000	1.000	\$0.00	\$4,058.40
('LUMP SUM' ITEM): Sanitary Sewer Wye Replacement										
8030	2599-9999005	EACH	\$1,904.970	1.000	0.000	1.000	1.000	1.000	\$0.00	\$1,904.97
('EACH' ITEM): Sump Connection with Yard Drain Box										
Section Totals:									\$121,880.96	\$1,234,803.35
Section: 0002 - Alternate A - Quantities										
A1	2010-C	LS	\$12,285.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$12,285.00
CLEARING AND GRUBBING										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
A2	2010-D-1	CY	\$10.200	156.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TOPSOIL, ON-SITE										
A3	2010-E	CY	\$15.300	309.000	0.000	309.000	309.000	309.000	\$0.00	\$4,727.70
EXCAVATION, CLASS 10										
A4	2010-F	CY	\$20.400	102.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
BELOW GRADE EXCAVATION (CORE OUT)										
A5	2010-G	SY	\$1.020	1,020.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SUBGRADE PREPARATION										
A6	2010-I	SY	\$2.040	102.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SUBGRADE TREATMENT, GEOGRID, TYPE 2										
A7	2010-J	SY	\$16.830	1,020.000	899.100	0.000	899.100	899.100	\$15,131.85	\$15,131.85
SUBBASE, MODIFIED, 8 INCHES										
A8	3010-D	CY	\$81.600	30.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL										
A9	4020-A-1	LF	\$109.720	145.000	0.000	120.000	120.000	120.000	\$0.00	\$13,166.40
STORM SEWER, TRENCHED, 36 INCH										
A10	4020-A-1	LF	\$237.760	132.000	0.000	132.000	132.000	132.000	\$0.00	\$31,384.32
STORM SEWER, TRENCHED, RCP, 44" X 27" ARCH										
A11	4020-D	LF	\$10.060	275.000	0.000	275.000	275.000	275.000	\$0.00	\$2,766.50
REMOVAL OF STORM SEWER, LESS THAN 36 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
A12	4040-A	LF	\$13.950	524.000	514.000	0.000	514.000	514.000	\$7,170.30	\$7,170.30
SUBDRAIN, PERFORATED HDPE, 6 INCH										
A13	4040-C-1	EA	\$500.960	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SUBDRAIN CLEANOUT, TYPE A-1, 6 INCH										
A14	4040-D-1	EA	\$475.210	2.000	2.000	0.000	2.000	2.000	\$950.42	\$950.42
SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 INCH										
A15	SPEC. PROV.	LF	\$36.260	260.000	0.000	267.000	267.000	267.000	\$0.00	\$9,681.42
WATER MAIN, TRENCHED, PVC C900 (DR 18), 8 INCH WITH TRACER WIRE										
A16	SPEC. PROV.	LB	\$9.640	76.000	0.000	138.000	138.000	138.000	\$0.00	\$1,330.32
FITTING BY WEIGHT, DUCTILE IRON										
A17	SPEC. PROV.	LF	\$8.250	40.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATER MAIN REMOVAL										
A18	6010-A	EA	\$8,088.270	1.000	0.000	0.250	0.250	0.250	\$0.00	\$2,022.07
STORM MANHOLE, SW-401, 72 INCH										
A19	6010-B	EA	\$12,150.330	1.000	0.000	0.750	0.750	0.750	\$0.00	\$9,112.75
INTAKE, SW-516, MODIFIED										
A20	6010-E	EA	\$1,261.680	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE ADJUSTMENT, MINOR										
A21	6010-H	EA	\$917.530	1.000	0.000	1.000	1.000	1.000	\$0.00	\$917.53
REMOVE INTAKE										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
A22	7010-A	SY	\$57.260	800.000	152.500	0.000	152.500	152.500	\$8,732.15	\$8,732.15
PAVEMENT, PCC, 7 INCH										
A23	7010-999-A	LF	\$1.020	1,804.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
JOINT PREVENTATIVE SEALANT										
A24	7030-A-1	SY	\$10.200	10.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REMOVAL OF SIDEWALK										
A25	7030-A-3	SY	\$10.200	110.000	0.000	50.400	50.400	50.400	\$0.00	\$514.08
REMOVAL OF DRIVEWAY										
A26	7030-E	SY	\$45.900	150.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SIDEWALK, PCC, 4 INCH										
A27	7030-E	SY	\$56.100	10.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SIDEWALK, PCC, 6 INCH										
A28	7030-G	SF	\$51.000	20.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
DETECTABLE WARNING										
A29	7030-H-1	SY	\$61.200	110.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
DRIVEWAY, PAVED, PCC, 6 INCH										
A30	7030-H-3	TON	\$45.900	50.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TEMPORARY GRANULAR SURFACING, CLASS A ROAD STONE										
A31	7040-H	SY	\$10.200	770.000	0.000	811.900	811.900	811.900	\$0.00	\$8,281.38
PAVEMENT REMOVAL										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
A32	8040-A	EA	\$459.000	3.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TRAFFIC SIGNS, TYPE A										
A33	8040-D	EA	\$408.000	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PERFORATED SQUARE STEEL TUBE POSTS										
A34	9010-D	MGAL	\$71.400	14.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATERING										
A35	9020-A	SQ	\$66.300	50.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SOD										
A36	9040-D-1	LF	\$1.730	840.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
FILTER SOCK, 9 INCH										
A37	9040-T-1	EA	\$122.400	4.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INLET PROTECTION DEVICE, MAINTENCE, AND REMOVAL										
A38	9060-D	LF	\$57.750	80.000	30.000	0.000	30.000	30.000	\$1,732.50	\$1,732.50
REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK FENCE, RESIDENTIAL										
A39	11040-A	LS	\$1,890.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TEMPORARY PEDESTRIAN RESIDENTIAL ACCESS										
A40	11050-A	LS	\$3,672.000	1.000	0.000	0.250	0.250	0.250	\$0.00	\$918.00
CONCRETE WASHOUT										
Section Totals:									\$33,717.22	\$130,824.69
Total Payments:									\$155,598.18	\$1,365,628.04

Time Charges

Time Limit	Original Deadline	Authorized Deadline	Charges This Period	Damages This Period	Days Completed To Date	Days Remaining To Date	Damages To Date
Final Completion - Liquidated Damages \$500/Day	05/29/2026	05/29/2026	N/A	\$0.00	N/A	210.0 Days	\$0.00
Substantial Completion - Liquidated Damages \$500/Day	11/21/2025	11/21/2025	N/A	\$0.00	N/A	21.0 Days	\$0.00
Total Damages:							\$0.00

Summary

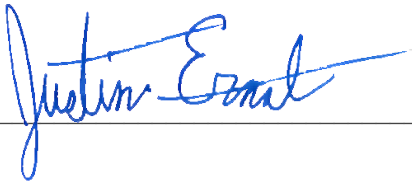
Current Approved Work:	\$155,598.18	Approved Work To Date:	\$1,365,628.04
Current Stockpile Advancement:	\$0.00	Stockpile Advancement To Date:	\$0.00
Current Stockpile Recovery:	\$0.00	Stockpile Recovery To Date:	\$0.00
Current Retainage:	\$7,779.91	Retainage To Date:	\$68,281.40
Current Retainage Released:	\$0.00	Retainage Released To Date:	\$0.00
Current Liquidated Damages:	\$0.00	Liquidated Damages To Date:	\$0.00
Current Adjustment:	\$0.00	Adjustments To Date:	\$0.00
Current Payment:	\$147,818.27	Payments To Date:	\$1,297,346.64
Previous Payment:	\$308,127.85	Previous Payments To Date:	\$1,149,528.37

SIGNATURE LINE FOR PAYMENT REPORTS

ENGINEER'S CERTIFICATION:

In accordance with the Contract Documents, based on on-site observations and the data comprising this Payment Application, the Construction Project Manager certifies to the City of Windsor Heights that to the best of the Construction Project Manager's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of Amount Certified.

AMOUNT CERTIFIED: \$ 147,818.27

By:  Date: 11.21.25

CONTRACTOR'S CERTIFICATION:

Contractor certifies that to the best of Contractor's knowledge, information and belief, the Work covered by this Payment Application has been completed in accordance with the Contract Documents, that all amounts have been paid by Contractor for Work for which payments were issued and payments received from the City of Windsor Heights, and that the current payment applied herein is now due.

By: Chandra Shekar  Digitally signed by Chandra Shekar
Date: 2025.11.13 10:29:51 -06'00' Date: 11/13/2025

CITY OF WINDSOR HEIGHTS REVIEW / APPROVAL:

By: _____ Date: _____



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM:

SUBJECT: Approve 73rd Street Phase 1 STP-U-8477(615)—70-77 Pay Request 17

GENERAL INFORMATION

ATTACHMENTS

1. LTR-73rd Street-Pay App 17
2. payment_17_20251203



**BOLTON
& MENK**

Real People. Real Solutions.

430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 8, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: 73rd Street Phase 1
STP-U-8477(615)—70-77
Pay Request 17

Dear Mr. Plagge:

Submitted for your approval is Pay Request 17 for the above-mentioned project. The pay request is for a total payment of \$234,286.72. The total payments to date: \$5,057,869.82. Please see the pay request for a full summary of the items completed that are included in this payment.

Bolton & Menk, Inc., recommends the approval of Pay Application 17. Upon approval of the pay request, the City Clerk or City Administrator to electronically sign in DocExpress and mail payment to the Absolute Concrete Construction, Inc.

Please let me know if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Justin Ernst, PE
Municipal Assistant Practice Leader | Principal

Enclosures



City of Windsor Heights - Iowa

Detailed Payment

77-8477-615

Description	STP-U-8477(615)--70-77, Letting Date- March 19, 2024 73rd st Phase 1
Payment Number	17
Pay Period	11/01/2025 to 11/30/2025
Prime Contractor	ABSOLUTE CONCRETE CONSTRUCTION, INC.
Payment Status	Pending
Awarded Project Amount	\$6,739,027.05
Authorized Amount	\$6,927,623.62

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Section: 0001 - STP-U-8477(615)--70-77, Roadway Items - Division 1										
0010	2101-0850002	UNIT	\$440.000	22.300	0.000	58.000	58.000	58.000	\$0.00	\$25,520.00
CLEARING AND GRUBBING										
0020	2102-0425071	CY	\$50.000	50.000	0.000	234.000	234.000	234.000	\$0.00	\$11,700.00
SPECIAL BACKFILL										
0030	2102-2710070	CY	\$15.000	10,333.000	0.000	7,749.750	7,749.750	7,749.750	\$0.00	\$116,246.25
EXCAVATION, CLASS 10, ROADWAY AND BORROW										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0040	2102-2710080	CY	\$15.000	165.000	59.352	321.366	380.718	380.718	\$890.28	\$5,710.77
EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL										
0050	2105-8425015	CY	\$8.000	2,124.000	0.000	354.000	354.000	354.000	\$0.00	\$2,832.00
TOPSOIL, STRIP, SALVAGE AND SPREAD										
0060	2109-8225100	STA	\$1,000.000	53.600	4.500	23.030	27.530	27.530	\$4,500.00	\$27,530.00
SPECIAL COMPACTION OF SUBGRADE										
0070	2113-0001100	SY	\$5.000	5,000.000	278.000	280.922	558.922	558.922	\$1,390.00	\$2,794.61
SUBGRADE STABILIZATION MATERIAL, POLYMER GRID										
0080	2115-0100000	CY	\$60.000	4,035.000	419.152	2,777.722	3,196.874	3,196.874	\$25,149.12	\$191,812.44
MODIFIED SUBBASE										
0090	2115-0100000	CY	\$60.000	181.000	0.000	68.519	68.519	68.519	\$0.00	\$4,111.14
MODIFIED SUBBASE: , TRAIL										
0100	2123-7450020	STA	\$150.000	81.700	0.000	23.500	23.500	23.500	\$0.00	\$3,525.00
SHOULDER FINISHING, EARTH										
0110	2301-1033080	SY	\$75.000	19,678.000	1,659.975	13,532.993	15,192.968	15,192.968	\$124,498.12	\$1,139,472.60
STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.										
0120	2301-6911722	LS	\$10,000.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES										
0130	2304-0101000	SY	\$60.000	1,500.000	56.712	82.963	139.675	139.675	\$3,402.72	\$8,380.50
TEMPORARY PAVEMENT										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0140	2312-8260051	TON	\$40.000	500.000	0.000	593.820	593.820	593.820	\$0.00	\$23,752.80
GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE										
0150	2435-0140148	EACH	\$5,500.000	6.000	0.000	3.000	3.000	3.000	\$0.00	\$16,500.00
MANHOLE, STORM SEWER, SW-401, 48 IN.										
0160	2435-0140160	EACH	\$7,800.000	7.000	0.000	6.000	6.000	6.000	\$0.00	\$46,800.00
MANHOLE, STORM SEWER, SW-401, 60 IN.										
0170	2435-0140172	EACH	\$10,000.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$10,000.00
MANHOLE, STORM SEWER, SW-401, 72 IN.										
0180	2435-0140196	EACH	\$17,000.000	0.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
MANHOLE, STORM SEWER, SW-401, 96 IN.										
0190	2435-0250500	EACH	\$5,600.000	34.000	0.000	22.000	22.000	22.000	\$0.00	\$123,200.00
INTAKE, SW-505										
0200	2435-0250600	EACH	\$12,000.000	17.000	-1.000	16.000	15.000	15.000	-\$12,000.00	\$180,000.00
INTAKE, SW-506										
0210	2435-0250900	EACH	\$7,300.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$7,300.00
INTAKE, SW-509										
0220	2435-0251000	EACH	\$8,500.000	3.000	0.000	3.000	3.000	3.000	\$0.00	\$25,500.00
INTAKE, SW-510										
0230	2435-0251230	EACH	\$4,100.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$4,100.00
INTAKE, SW-512, 30 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0240	2435-0251236	EACH	\$4,800.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
INTAKE, SW-512, 36 IN.										
0250	2435-0600010	EACH	\$2,300.000	33.000	2.000	19.000	21.000	21.000	\$4,600.00	\$48,300.00
MANHOLE ADJUSTMENT, MINOR										
0260	2435-0600020	EACH	\$6,000.000	1.000	0.000	2.000	2.000	2.000	\$0.00	\$12,000.00
MANHOLE ADJUSTMENT, MAJOR										
0270	2435-0600110	EACH	\$1,800.000	2.000	0.000	1.000	1.000	1.000	\$0.00	\$1,800.00
INTAKE ADJUSTMENT, MINOR										
0280	2435-0600120	EACH	\$7,500.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$7,500.00
INTAKE ADJUSTMENT, MAJOR										
0290	2435-0700010	EACH	\$3,700.000	2.000	0.000	3.000	3.000	3.000	\$0.00	\$11,100.00
CONNECTION TO EXISTING MANHOLE										
0300	2502-8212206	LF	\$22.000	5,105.000	470.200	3,019.100	3,489.300	3,489.300	\$10,344.40	\$76,764.60
SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.										
0310	2502-8221006	EACH	\$800.000	17.000	0.000	2.000	2.000	2.000	\$0.00	\$1,600.00
SUBDRAIN RISER, 6 IN., AS PER PLAN										
0320	2502-8221303	EACH	\$400.000	17.000	4.000	9.000	13.000	13.000	\$1,600.00	\$5,200.00
SUBDRAIN OUTLET, DR-303										
0330	2503-0114212	LF	\$200.000	8.000	0.000	16.000	16.000	16.000	\$0.00	\$3,200.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0340	2503-0114215	LF	\$80.000	991.000	0.000	757.000	757.000	757.000	\$0.00	\$60,560.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.										
0350	2503-0114218	LF	\$85.000	778.000	0.000	195.000	195.000	195.000	\$0.00	\$16,575.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.										
0360	2503-0114224	LF	\$110.000	2,556.000	0.000	2,209.000	2,209.000	2,209.000	\$0.00	\$242,990.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.										
0370	2503-0114230	LF	\$130.000	543.000	0.000	517.000	517.000	517.000	\$0.00	\$67,210.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.										
0380	2503-0114236	LF	\$170.000	108.000	0.000	94.000	94.000	94.000	\$0.00	\$15,980.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.										
0390	2503-0114248	LF	\$450.000	8.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.										
0400	2503-0114254	LF	\$610.000	8.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.										
0410	2503-0114266	LF	\$850.000	8.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.										
0420	2503-0200036	LF	\$25.000	3,335.000	0.000	1,896.400	1,896.400	1,896.400	\$0.00	\$47,410.00
REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.										
0430	2503-0200136	LF	\$45.000	79.000	0.000	38.000	38.000	38.000	\$0.00	\$1,710.00
REMOVE STORM SEWER PIPE GREATER THAN 36 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0440	2504-0200404	LF	\$130.000	160.000	0.000	54.000	54.000	54.000	\$0.00	\$7,020.00
SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.										
0450	2510-6745850	SY	\$10.000	17,965.000	0.000	13,923.930	13,923.930	13,923.930	\$0.00	\$139,239.30
REMOVAL OF PAVEMENT										
0460	2510-6750600	EACH	\$900.000	50.000	0.000	38.000	38.000	38.000	\$0.00	\$34,200.00
REMOVAL OF INTAKES AND UTILITY ACCESSES										
0470	2511-0300000	SY	\$10.000	550.000	0.000	370.596	370.596	370.596	\$0.00	\$3,705.96
REMOVAL OF RECREATIONAL TRAIL										
0480	2511-0302600	SY	\$49.000	715.000	0.000	412.801	412.801	412.801	\$0.00	\$20,227.25
RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.										
0490	2511-0310100	STA	\$750.000	7.700	0.000	4.500	4.500	4.500	\$0.00	\$3,375.00
SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL										
0500	2511-6745900	SY	\$10.000	3,506.000	0.000	2,327.940	2,327.940	2,327.940	\$0.00	\$23,279.40
REMOVAL OF SIDEWALK										
0510	2511-7526004	SY	\$49.750	4,023.000	0.000	2,433.164	2,433.164	2,433.164	\$0.00	\$121,049.91
SIDEWALK, P.C. CONCRETE, 4 IN.										
0520	2511-7526006	SY	\$77.000	267.000	0.000	275.984	275.984	275.984	\$0.00	\$21,250.77
SIDEWALK, P.C. CONCRETE, 6 IN.										
0530	2511-7528101	SF	\$51.000	362.000	0.000	242.300	242.300	242.300	\$0.00	\$12,357.30
DETECTABLE WARNINGS										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0540	2512-1725206	LF	\$79.000	10.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.										
0550	2514-0000200	STA	\$1,000.000	0.500	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REMOVAL OF CURB										
0560	2515-2475006	SY	\$52.500	2,550.000	0.000	1,321.093	1,321.093	1,321.093	\$0.00	\$69,357.38
DRIVEWAY, P.C. CONCRETE, 6 IN.										
0570	2515-2475007	SY	\$54.000	1,047.000	0.000	586.625	586.625	586.625	\$0.00	\$31,677.75
DRIVEWAY, P.C. CONCRETE, 7 IN.										
0580	2515-6745600	SY	\$10.000	3,212.000	0.000	1,243.300	1,243.300	1,243.300	\$0.00	\$12,433.00
REMOVAL OF PAVED DRIVEWAY										
0590	2523-0000310	EACH	\$1,235.000	6.000	0.000	1.000	1.000	1.000	\$0.00	\$1,235.00
HANDHOLES AND JUNCTION BOXES										
0600	2524-6765110	EACH	\$300.000	72.000	0.000	16.000	16.000	16.000	\$0.00	\$4,800.00
REMOVAL OF TYPE A SIGN										
0610	2524-6765210	EACH	\$100.000	21.000	0.000	4.000	4.000	4.000	\$0.00	\$400.00
REMOVAL OF TYPE A SIGN ASSEMBLY										
0620	2524-9276010	LF	\$35.000	390.000	0.000	200.000	200.000	200.000	\$0.00	\$7,000.00
PERFORATED SQUARE STEEL TUBE POSTS										
0630	2524-9276021	EACH	\$100.000	39.000	0.000	10.000	10.000	10.000	\$0.00	\$1,000.00
PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0640	2524-9325001	SF	\$35.000	392.500	0.000	272.500	272.500	272.500	\$0.00	\$9,537.50
TYPE A SIGNS, SHEET ALUMINUM										
0650	2525-0000100	LS	\$100,000.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$100,000.00
TRAFFIC SIGNALIZATION										
0660	2527-9263109	STA	\$86.000	136.000	0.000	18.610	18.610	18.610	\$0.00	\$1,600.46
PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED										
0670	2527-9263117	STA	\$116.000	168.000	0.000	110.582	110.582	110.582	\$0.00	\$12,827.51
PAINTED PAVEMENT MARKINGS, DURABLE										
0680	2527-9263137	EACH	\$130.000	25.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED										
0690	2527-9263143	EACH	\$185.000	25.000	0.000	23.000	23.000	23.000	\$0.00	\$4,255.00
PAINTED SYMBOLS AND LEGENDS, DURABLE										
0700	2527-9270111	STA	\$83.000	168.000	110.582	0.000	110.582	110.582	\$9,178.31	\$9,178.31
GROOVES CUT FOR PAVEMENT MARKINGS										
0710	2527-9270120	EACH	\$220.000	25.000	23.000	0.000	23.000	23.000	\$5,060.00	\$5,060.00
GROOVES CUT FOR SYMBOLS AND LEGENDS										
0720	2528-8445110	LS	\$75,000.000	1.000	0.080	0.670	0.750	0.750	\$6,000.00	\$56,250.00
TRAFFIC CONTROL										
0730	2528-9290050	CDAY	\$200.000	60.000	0.000	38.000	38.000	38.000	\$0.00	\$7,600.00
PORTABLE DYNAMIC MESSAGE SIGN (PDMS)										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0740	2529-5070110	SY	\$100.000	51.000	0.000	100.678	100.678	100.678	\$0.00	\$10,067.80
PATCHES, FULL-DEPTH FINISH, BY AREA										
0750	2533-4980005	LS	\$600,000.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$600,000.00
MOBILIZATION										
0760	2552-0000220	CY	\$75.000	975.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL										
0770	2599-9999010	LS	\$15,000.000	1.000	0.270	0.480	0.750	0.750	\$4,050.00	\$11,250.00
('LUMP SUM' ITEM): MAINTENANCE OF SOLID WASTE COLLECTION										
0780	2599-9999010	LS	\$1,850.000	1.000	0.000	0.500	0.500	0.500	\$0.00	\$925.00
('LUMP SUM' ITEM): REMOVE AND REINSTALL ELECTRONIC SPEED SIGN										
0790	2599-9999010	LS	\$7,200.000	1.000	0.090	0.660	0.750	0.750	\$648.00	\$5,400.00
('LUMP SUM' ITEM): SWPPP MANAGEMENT										
0800	2599-9999010	LS	\$80,000.000	1.000	0.000	0.750	0.750	0.750	\$0.00	\$60,000.00
('LUMP SUM' ITEM): VIBRATION MONITORING										
0810	2601-2634105	ACRE	\$4,110.000	2.630	0.000	0.310	0.310	0.310	\$0.00	\$1,274.10
MULCHING, BONDED FIBER MATRIX										
0820	2601-2639010	SQ	\$65.000	1,150.000	440.300	355.720	796.020	796.020	\$28,619.50	\$51,741.30
SODDING										
0830	2601-2643110	MGAL	\$75.000	690.000	0.000	49.000	49.000	49.000	\$0.00	\$3,675.00
WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0840	2602-0000150	LF	\$15.000	300.000	0.000	100.000	100.000	100.000	\$0.00	\$1,500.00
STABILIZED CONSTRUCTION ENTRANCE, EC-303										
0850	2602-0000309	LF	\$3.000	10,000.000	0.000	368.000	368.000	368.000	\$0.00	\$1,104.00
PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.										
0860	2602-0000351	LF	\$0.010	10,000.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE										
0870	2602-0000500	LF	\$10.000	32.000	0.000	16.000	16.000	16.000	\$0.00	\$160.00
OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602										
0880	2602-0000530	EACH	\$95.000	110.000	2.000	50.000	52.000	52.000	\$190.00	\$4,940.00
GRATE INTAKE SEDIMENT FILTER BAG, EC-604										
0890	2602-0010010	EACH	\$600.000	1.000	2.000	4.000	6.000	6.000	\$1,200.00	\$3,600.00
MOBILIZATIONS, EROSION CONTROL										
0900	2602-0010020	EACH	\$1,200.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
MOBILIZATIONS, EMERGENCY EROSION CONTROL										
8001	2599-9999005	EACH	\$14,250.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$14,250.00
('EACH' ITEM): INTAKE, SW-506 MOD, CAST-IN-PLACE										
8002	2435-0250610	EACH	\$14,410.000	2.000	1.000	0.000	1.000	1.000	\$14,410.00	\$14,410.00
INTAKE, SW-506 MOD										
8009	2599-9999018	SY	\$0.300	19,678.000	1,854.234	13,338.734	15,192.968	15,192.968	\$556.27	\$4,557.89
('SQUARE YARDS' ITEM): (REINFORCEMENT ADJ)										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8010	2430-0000100	SF	\$74.000	144.000	0.000	144.000	144.000	144.000	\$0.00	\$10,656.00
MODULAR BLOCK RETAIN WALL										
8011	2599-9999005	EACH	\$4,325.750	2.000	0.000	2.000	2.000	2.000	\$0.00	\$8,651.50
('EACH' ITEM): INSTALLATION AND REMOVAL OF TEMPORARY INTAKE										
8013	2599-9999005	EACH	\$3,300.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('EACH' ITEM): CONNECT TO EXISTING BOX CULVERT										
8014	2599-9999005	EACH	\$3,829.650	1.000	0.000	1.000	1.000	1.000	\$0.00	\$3,829.65
('EACH' ITEM): MODIFY EXISTING INTAKE										
8015	2599-9999005	EACH	\$1,925.000	2.000	0.000	1.000	1.000	1.000	\$0.00	\$1,925.00
('EACH' ITEM): REMOVE AND REINSTALL PUSHBUTTONS										
8016	2599-9999005	EACH	\$8,730.150	1.000	0.000	1.000	1.000	1.000	\$0.00	\$8,730.15
('EACH' ITEM): 18" NYLOPLAST INTAKE W/ CONNECTION										
8017	2599-9999010	LS	\$544.500	1.000	0.000	1.000	1.000	1.000	\$0.00	\$544.50
('LUMP SUM' ITEM): POT HOLE UTILITIES										
8018	2599-9999010	LS	\$1,485.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$1,485.00
('LUMP SUM' ITEM): STORM SEWER REMOVAL AND INSTALLATION										
8019	2599-9999010	LS	\$6,510.570	1.000	0.000	1.000	1.000	1.000	\$0.00	\$6,510.57
('LUMP SUM' ITEM): 6" SANITARY SEWER SERVICE										
8020	2599-9999005	EACH	\$562.650	13.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('EACH' ITEM): MH CASTING (MECHANICAL)										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8021	2599-9999010	LS	\$47,700.800	1.000	0.000	1.000	1.000	1.000	\$0.00	\$47,700.80
('LUMP SUM' ITEM): Cast In Place SW-406										
8022	2599-9999010	LS	\$5,989.500	1.000	0.000	1.000	1.000	1.000	\$0.00	\$5,989.50
('LUMP SUM' ITEM): Tracer Wire Test Station										
8023	2599-9999010	LS	\$6,041.300	1.000	0.000	1.000	1.000	1.000	\$0.00	\$6,041.30
('LUMP SUM' ITEM): Traffic Signal Footing Adjustment										
Section Totals:									\$234,286.72	\$4,207,523.57
Section: 0002 - STP-U-8477(615)--70-77, Roadway Items - Division 2										
0910	2554-0114004	LF	\$65.000	35.000	0.000	31.000	31.000	31.000	\$0.00	\$2,015.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.										
0920	2554-0114006	LF	\$60.000	101.000	0.000	184.000	184.000	184.000	\$0.00	\$11,040.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.										
0930	2554-0114008	LF	\$55.000	558.000	0.000	624.000	624.000	624.000	\$0.00	\$34,320.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.										
0940	2554-0114008	LF	\$80.000	455.000	0.000	99.000	99.000	99.000	\$0.00	\$7,920.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.: RESTRAINED JOINT										
0950	2554-0114012	LF	\$80.000	3,703.000	0.000	2,122.000	2,122.000	2,122.000	\$0.00	\$169,760.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.										
0960	2554-0114012	LF	\$105.000	631.000	0.000	886.000	886.000	886.000	\$0.00	\$93,030.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.: RESTRAINED JOINT										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0970	2554-0134008	LF	\$165.000	100.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.										
0980	2554-0134012	LF	\$240.000	100.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.										
0990	2554-0203000	LB	\$20.000	6,162.000	0.000	6,867.000	6,867.000	6,867.000	\$0.00	\$137,340.00
FITTINGS BY WEIGHT, DUCTILE IRON										
1000	2554-0207008	EACH	\$2,700.000	12.000	0.000	10.000	10.000	10.000	\$0.00	\$27,000.00
VALVE, GATE, DIP, 8 IN.										
1010	2554-0207012	EACH	\$4,500.000	9.000	0.000	7.000	7.000	7.000	\$0.00	\$31,500.00
VALVE, GATE, DIP, 12 IN.										
1020	2554-0210201	EACH	\$8,500.000	15.000	0.000	12.000	12.000	12.000	\$0.00	\$102,000.00
FIRE HYDRANT ASSEMBLY, WM-201										
1030	2554-0211002	EACH	\$1,750.000	6.000	0.000	13.000	13.000	13.000	\$0.00	\$22,750.00
FLUSHING DEVICE (BLOWOFF), 2 IN.										
1040	2599-9999005	EACH	\$6,500.000	2.000	0.000	1.000	1.000	1.000	\$0.00	\$6,500.00
('EACH' ITEM): PREPARE EXCAVATION FOR TAPPING SLEEVE & VALVE										
1050	2599-9999005	EACH	\$410.000	51.000	0.000	28.000	28.000	28.000	\$0.00	\$11,480.00
('EACH' ITEM): TAP FEE, 1-IN, REPLACEMENT TAP FOR WATER SERVICE TRANSFER										
1060	2599-9999005	EACH	\$1,725.000	3.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('EACH' ITEM): TAP FEE, 2-IN, REPLACEMENT TAP FOR WATER SERVICE TRANSFER										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
1070	2599-9999005	EACH	\$3,800.000	11.000	0.000	5.000	5.000	5.000	\$0.00	\$19,000.00
('EACH' ITEM): WATER SERVICE TRANSFER, COPPER, 1-IN, OPPOSITE SIDE										
1080	2599-9999005	EACH	\$3,000.000	40.000	0.000	23.000	23.000	23.000	\$0.00	\$69,000.00
('EACH' ITEM): WATER SERVICE TRANSFER, COPPER, 1-IN, SAME SIDE										
1090	2599-9999005	EACH	\$5,400.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('EACH' ITEM): WATER SERVICE TRANSFER, COPPER, 2-IN, OPPOSITE SIDE										
1100	2599-9999005	EACH	\$3,400.000	2.000	0.000	1.000	1.000	1.000	\$0.00	\$3,400.00
('EACH' ITEM): WATER SERVICE TRANSFER, COPPER, 2-IN, SAME SIDE										
1110	2599-9999005	EACH	\$6,100.000	1.000	0.000	2.000	2.000	2.000	\$0.00	\$12,200.00
('EACH' ITEM): WATER SERVICE TRANSFER, EQUAL TO OR GREATER THAN 3, SAME SIDE										
1120	2599-9999009	LF	\$45.000	1,005.000	0.000	535.000	535.000	535.000	\$0.00	\$24,075.00
('LINEAR FEET' ITEM): REMOVAL OF EXISTING WATER MAIN IN CONFLICT WITH NEW CONSTRUCTION										
1130	2599-9999020	TON	\$65.000	100.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('TONS' ITEM): FOUNDATION ROCK										
8003	2504-0114018	LF	\$572.000	20.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SAN SWR G-MAIN, TRENCHED, PVC, 18"										
8004	2554-0112008	LF	\$247.500	8.000	0.000	5.000	5.000	5.000	\$0.00	\$1,237.50
WATER MAIN, TRENCHED, DIP, 8"										
8005	2554-0112012	LF	\$154.000	260.000	0.000	280.000	280.000	280.000	\$0.00	\$43,120.00
WATER MAIN, TRENCHED, DIP, 12"										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8006	2554-0207006	EACH	\$3,509.000	3.000	0.000	3.000	3.000	3.000	\$0.00	\$10,527.00
VALVE, GATE, DIP, 6"										
8007	2554-0112012	LF	\$176.000	83.000	0.000	72.000	72.000	72.000	\$0.00	\$12,672.00
WATER MAIN, TRENCHED, DIP, 12": (RESTRAINED JOINT)										
8008	2599-9999005	EACH	\$1,760.000	8.000	0.000	10.000	10.000	10.000	\$0.00	\$17,600.00
('EACH' ITEM): 32 LB MAGNESIUM ANODE										
8012	2599-9999005	EACH	\$10,859.750	1.000	0.000	1.000	1.000	1.000	\$0.00	\$10,859.75
('EACH' ITEM): WATER MAIN, CONNECT TO EXISTING MAIN										
Section Totals:									\$0.00	\$880,346.25
Section: 3 - Description										
Section Totals:									\$0.00	\$0.00
Total Payments:									\$234,286.72	\$5,087,869.82

Time Charges

Time Limit	Original Deadline	Authorized Deadline	Charges This Period	Damages This Period	Days Completed To Date	Days Remaining To Date	Damages To Date
Working Days, Late Start Date - 05/06/2024, Liquidated Damage Rate - 2,500	300.0 Days	298.0 Days	14.0 Days	\$0.00	282.5 Days	15.5 Days	\$0.00
Total Damages:							\$0.00

Stockpiles

Stockpile	Fund Package		Current Advancements	Advancements To Date	Current Recoveries	Recoveries To Date
#1 - 2554-0203000	77-8477-615-CAT-2	77-8477-615-CAT-2 77-8477-615	\$0.00	\$12,845.16	\$0.00	\$12,845.16
FITTINGS BY WEIGHT, DUCTILE IRON						
#2 - 2554-0207008	77-8477-615-CAT-2	77-8477-615-CAT-2 77-8477-615	\$0.00	\$5,580.00	\$0.00	\$5,580.00
VALVE, GATE, DIP, 8 IN.						
#3 - 2554-0114012	77-8477-615-CAT-2	77-8477-615-CAT-2 77-8477-615	\$0.00	\$3,430.00	\$0.00	\$3,430.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.						
#4 - 2554-0211002	77-8477-615-CAT-2	77-8477-615-CAT-2 77-8477-615	\$0.00	\$185.93	\$0.00	\$185.93
FLUSHING DEVICE (BLOWOFF), 2 IN.						
#5 - 2599-9999005	77-8477-615-CAT-2	77-8477-615-CAT-2 77-8477-615	\$0.00	\$4,000.00	\$0.00	\$4,000.00
('EACH' ITEM): WATER SERVICE TRANSFER, COPPER, 1-IN, SAME SIDE						
#6 - 2525-0000100	77-8477-615-CAT-1	77-8477-615-CAT-1 77-8477-615	\$0.00	\$32,832.46	\$0.00	\$32,832.46
TRAFFIC SIGNALIZATION						
Totals:			\$0.00	\$58,873.55	\$0.00	\$58,873.55

Summary

Current Approved Work:	\$234,286.72
Current Stockpile Advancement:	\$0.00
Current Stockpile Recovery:	\$0.00
Current Retainage:	\$0.00
Current Retainage Released:	\$0.00
Current Liquidated Damages:	\$0.00
Current Adjustment:	\$0.00
Current Payment:	\$234,286.72
Previous Payment:	\$274,283.34

Approved Work To Date:	\$5,087,869.82
Stockpile Advancement To Date:	\$58,873.55
Stockpile Recovery To Date:	\$58,873.55
Retainage To Date:	\$30,000.00
Retainage Released To Date:	\$0.00
Liquidated Damages To Date:	\$0.00
Adjustments To Date:	\$0.00
Payments To Date:	\$5,057,869.82
Previous Payments To Date:	\$4,823,583.10

Funding Details

77-8477-615-CAT-1 77-8477-615-CAT-1 77-8477-615:	\$234,286.72
77-8477-615-CAT-2 77-8477-615-CAT-2 77-8477-615:	\$0.00
77-8477-615-CAT-3 NON-PARTICIPATING:	\$0.00
Current Payment:	\$234,286.72

77-8477-615-CAT-1 77-8477-615-CAT-1 77-8477-615 To Date:	\$4,303,539.82
77-8477-615-CAT-2 77-8477-615-CAT-2 77-8477-615 To Date:	\$784,330.00
77-8477-615-CAT-3 NON-PARTICIPATING To Date:	\$0.00
Payments To Date:	\$5,087,869.82

CONTRACTOR'S CERTIFICATION:

Contractor certifies that to the best of Contractor's knowledge, information and belief, the Work covered by this Payment Application has been completed in accordance with the Contract Documents, that all amounts have been paid by Contractor for Work for which payments were issued and payments received from the City of Windsor Heights, and that the current payment applied herein is now due.

By: _____ Date: _____

ENGINEER'S CERTIFICATION:

In accordance with the Contract Documents, based on on-site observations and the data comprising this Payment Application, the Construction Project Manager certifies to the City of Windsor Heights that to the best of the Construction Project Manager's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of Amount Certified.

AMOUNT CERTIFIED: \$ _____

By: _____ Date: _____

CITY OF WINDSOR HEIGHTS REVIEW / APPROVAL:

By: _____ Date: _____

Doc Express® Document Signing History

Contract: 77-8477-615 Document: payment-17-20251203

This document is in the process of being signed by all required signatories using the Doc Express® service. Following are the signatures that have occurred so far.

Date	Signed By
12/05/2025	Logan Petersen Absolute Concrete Construction Inc. Electronic Signature (Approved by Contractor (Optional))
12/08/2025	Justin Ernst Bolton & Menk, Inc. - Iowa Electronic Signature (Recommended by Engineer)
	(Approved by PIRC (when applicable))



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Nate Weigl

SUBJECT: Approve 2023 Colby Park Improvements Change Order #10

GENERAL INFORMATION

ATTACHMENTS

1. Colby Park_Change Order 10_Combined



Staff Report

To: Mayor and City Council
From: Nate Weitzl, Landscape Architect Project Manager, Bolton & Menk
Date: December 3, 2025
Subject: 2023 Colby Park Improvements, Change Order #10

GENERAL INFORMATION

See included letter and change order.



**BOLTON
& MENK**

Real People. Real Solutions.

430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 3, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: 2023 Colby Park Improvements
Change Order #10

Dear Mr. Plagge:

Submitted for your approval is Change Order 10 for the above-mentioned project. Change Order 10 includes the final construction quantity adjustment required for contract closeout. The change order finalizes the total contract amount for the project. The approved contract value of \$3,321,992.03 will be decrease by \$47,746.00 for a total final contract value of \$3,274,246.03. Please see Change Order 10 for a full summary of the change items.

Bolton & Menk, Inc. recommends the approval of Change Order 10. Upon approval of pay request, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office and one executed copy of the pay request to Caliber Concrete with payment.

If you have any questions or comments, please contact me at 515-259-9190.

Sincerely,

Bolton & Menk, Inc.

Nate Weitz, PLA
Landscape Architect Project Manager

CHANGE ORDER FORM

NO.: 010

Owner: City of Windsor Heights
 Engineer: Bolton & Menk, Inc.
 Contractor: Caliber Concrete
 Project: 2023 Colby Park Improvement
 Contract Name:
 Date Issued: December 4, 2025 Effective Date of Change Order: December 4, 2025
 Owner's Project No.:
 Engineer's Project No.: 0T6.128908
 Contractor's Project No.:

The Contract is modified as follows upon execution of this Change Order:

Description:

1. Removing item overruns and overruns to close contract at 100% items completed.

Attachments: Attachment 1: Project item quantity changes.

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ 2,852,637.72	Original Contract Times: Substantial Completion: 9/30/2024 Ready for final payment:
Increase from previously approved Change Orders No. 1 to No. 9 (Change Order No. 5 was not approved): \$ 469,354.31	Increase from previously approved Change Orders No. 1 to No. 8 (Change Order No. 5 was not approved): Substantial Completion: N/A Ready for Final Payment: N/A
Contract Price prior to this Change Order: \$ 3,321,992.03	Contract Times prior to this Change Order: Substantial Completion: 9/30/2024 Ready for final payment:
Decrease this Change Order: \$ -47,746.00	Increase this Change Order: Substantial Completion: N/A Ready for final payment: N/A
Contract Price incorporating this Change Order: \$ 3,274,246.03	Contract Times with all approved Change Orders: Substantial Completion: 5/31/2025 Ready for final payment:

Recommended by Engineer

By: Nate Weid
 Title: Landscape Architect Project Manager
 Date: 12/3/2025

Accepted by Contractor

Caliber Concrete
12/3/25

Authorized by Owner

By: _____
 Title: _____
 Date: _____

Approved by Funding Agency (if applicable)

By: _____
 Title: _____
 Date: _____

ATTACHMENT 1

BID ITEM #	DESCRIPTION	QUANTITY CHANGE	UNIT	UNIT PRICE (\$)	VALUE OF BID ITEM
4	SUBBASE, MODIFIED, BERM	-12.4	TON	42.5	-527
6	SUBDRAIN, SOLID WALL PVC, 4 INCH	10	LF	32	320
8	SUBDRAIN, SOLID WALL PVC, 8 INCH	-1	LF	65	-65
9	SUBDRAIN, HDPE, 8 INCH	108	LF	100	10800
10	SUBDRAIN CLEANOUT, 8 INCH, TYPE A-1	-1	EA	1500	-1500
11	SUBDRAIN OUTLETS AND CONNECTIONS, 8 INCH, TYPE A-1	-2	EA	500	-1000
24	MANHOLE ADJUSTMENT, MINOR	1	EA	2500	2500
25	MANHOLE ADJUSTMENT, MAJOR	-1	EA	3500	-3500
28	PAVEMENT, PCC, 7 INCH	11.45	SY	97.22	1113.17
29	PAVEMENT, PCC, 5 INCH, REINFORCED (SPLASHPAD)	-59.21	SY	130.62	-7734.01
30	PAVEMENT, PCC, 7 INCH, INTEGRAL COLOR	-7	SY	130.12	-910.84
31	CURB AND GUTTER, 2 FT, 7 INCH	9	LF	51.6	464.4
32	REMOVAL OF SIDEWALK	3	SY	11	33
33	SIDEWALK, PCC, 5 INCH	-105.69	SY	76.79	-8115.94
34	SIDEWALK, PCC, 6 INCH	131.46	SY	82.26	10813.90
35	PAVEMENT REMOVAL	112.3	SY	11	1235.3
37	CURB AND GUTTER REMOVAL	9	LF	9	81
40	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING (LOW GROW FESCUE)	-0.87	AC	15000	-13050
41	SOD	112.2	SQ	100	11220
44	PERENNIAL GROUND COVER (1 GAL)	-107	EA	36	-3852
49	FILTER SOCK, 8", INSTALL, MAINTAIN, AND REMOVE	-3425	LF	3.25	-11131.25
58	REINFORCED CAST-IN-PLACE CONCRETE WALL (LEAF SEAT WALLS)	-785	CF	38.25	-30026.25
73	ELECTRICAL IMPROVEMENTS, SALVAGE & RELOCATE B-CYCLE	-1	LS	1000	-1000
A4	CURB AND GUTTER REMOVAL	16.5	LF	9	148.5
E1	CHAIN LINK FENCE, GALVANIZED, 6'	-87	LF	52	-4524
28	PAVEMENT, PCC, 7 INCH	-8.1	SY	109.86	-889.87
30	PAVEMENT, PCC, 7 INCH, COLORED	-7.63	SY	141.11	-1076.67
31	CURB AND GUTTER, 2 FT, 7 INCH	-9	LF	51.6	-464.4
33	SIDEWALK, PCC, 5 INCH	15.8	SY	76.79	1213.28
34	SIDEWALK, PCC, 6 INCH	93	SY	82.26	7650.18
41	SOD	-35	SQ	90	-3150
43	ORNAMENTAL TREE	2	EA	346.5	693
44	PERENNIAL GROUND COVER (1 GAL)	18	EA	36	648
49	FILTER SOCK, 8"	-50	LF	3.25	-162.5
76	PAVEMENT MARKINGS REMOVED	-2	STA	2000	-4000
				TOTAL	\$ -47,746.00



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL
FROM: Nate Weigl

SUBJECT: Approve 2023 Colby Park Improvements Pay Request 14

GENERAL INFORMATION

Please note the total project cost exceeding the original contracted amount is due to project change orders, including incorporation of the planned food truck plaza into this phase of the project. This change order accounts for \$300,000 of the cost increase, although a portion of this cost was defrayed by grant monies.

ATTACHMENTS

1. Colby Park_Pay App 14_Combined



Staff Report

To: Mayor and City Council
From: Nate Weitz, Landscape Architect Project Manager, Bolton & Menk
Date: December 3, 2025
Subject: 2023 Colby Park Improvements, Pay Request #14

GENERAL INFORMATION

See included letter and pay request.



**BOLTON
& MENK**

Real People. Real Solutions.

430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 3, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: 2023 Colby Park Improvements
Pay Request 14

Dear Mr. Plagge:

The 2023 Colby Park Improvements have been constructed in substantial compliance with the provisions of the construction contract, and, therefore, Bolton & Menk recommends the owner accept the project. The final construction cost of the project was \$3,274,246.03, which is \$421,608.31 or approximately 15% higher than the original contract amount of \$2,852,637.72.

Submitted for your approval is Pay Request 14 for the above-mentioned project. Pay Request 14 is for a total payment of \$69,086.60. The total value completed to date is \$3,274,246.03, with no retainage being withheld. Please see Pay Request 14 for a full summary of the items completed that are included in this payment.

Bolton & Menk, Inc., recommends the approval of Pay Application 14. Upon approval of Pay Request 14, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office.

Please let me know if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Nate Weitz, PLA
Landscape Architect Project Manager

Contractor's Application for Payment

Owner: <u>CITY OF WINDSOR HEIGHTS, IOWA</u> Engineer: <u>BOLTON & MENK, INC.</u> Contractor: <u>CALIBER CONCRETE, LLC</u> Project: <u>2023 COLBY PARK IMPROVEMENTS</u> Contract: _____	Owner's Project No.: _____ Engineer's Project No.: <u>0T6.128908</u> Agency's Project No.: _____																																				
Application No.: <u>14</u> Application Date: <u>12/1/2025</u> Application Period: From <u>9/1/2025</u> To <u>11/19/2025</u>																																					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">1. Original Contract Price</td> <td style="width: 10%; text-align: right;">\$</td> <td style="width: 30%; text-align: right;">2,852,637.72</td> </tr> <tr> <td>2. Net Change By Change Orders</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">421,608.31</td> </tr> <tr> <td colspan="3" style="height: 20px;"></td> </tr> <tr> <td>3. Current Contract Price (Line 1 + Line 2)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">3,274,246.03</td> </tr> <tr> <td>4. Total Work Completed And Materials Stored To Date (Sum of Column H Unit Price Total and Column M Stored Materials)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">3,274,246.03</td> </tr> <tr> <td>5. Retainage</td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">a. <u> </u> X \$ <u>3,274,246.03</u> Work Completed</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td style="padding-left: 20px;">b. <u>5%</u> X \$ <u> </u> Stored Materials</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td style="padding-left: 20px;">c. Total Retainage (Line 5.a + Line 5.b)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>6. Amount Eligible To Date (Line 4 - Line 5.c)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">3,274,246.03</td> </tr> <tr> <td>7. Less Previous Payments</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">3,205,159.43</td> </tr> <tr> <td>8. Amount Due This Application</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">69,086.60</td> </tr> </table>		1. Original Contract Price	\$	2,852,637.72	2. Net Change By Change Orders	\$	421,608.31				3. Current Contract Price (Line 1 + Line 2)	\$	3,274,246.03	4. Total Work Completed And Materials Stored To Date (Sum of Column H Unit Price Total and Column M Stored Materials)	\$	3,274,246.03	5. Retainage			a. <u> </u> X \$ <u>3,274,246.03</u> Work Completed	\$	-	b. <u>5%</u> X \$ <u> </u> Stored Materials	\$	-	c. Total Retainage (Line 5.a + Line 5.b)	\$	-	6. Amount Eligible To Date (Line 4 - Line 5.c)	\$	3,274,246.03	7. Less Previous Payments	\$	3,205,159.43	8. Amount Due This Application	\$	69,086.60
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Contractor's Certification The undersigned Contractor certifies, to the best of its knowledge, the following: (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment; (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.																																					
Contractor: <u>Caliber Concrete LLC</u> Signature: _____ Date: <u>12/3/25</u> Name: <u>Jason Martin</u> Title: <u>Coowner</u>																																					
Recommended by Engineer: Bolton & Menk, Inc. 430 E GRAND, SUITE 101, DES MOINES, IA 50309 By: <u>Nate Weitz</u> Approved by Owner: _____ Name: <u>Nate Weitz</u> Name: _____ Title: <u>Landscape Architect Project Manager</u> Title: _____ Date: <u>12/3/2025</u> Date: _____																																					

Progress Estimate - Unit Price Work

Owner: CITY OF WINDSOR HEIGHTS, IOWA
 Engineer: BOLTON & MENK, INC.
 Contractor: CALIBER CONCRETE, LLC
 Project: 2023 COLBY PARK IMPROVEMENTS
 Contract:

Contractor's Application for Payment

Owner's Project No.:
 Engineer's Project No.:
 Agency's Project No.:

OT6.128908

Application No.: 14			Application Period: From 09/01/25 to 11/19/25		Application Date: 12/1/2025							
A	B	C	D	E	F	F1	F2		G	H	I	J
Bid Item No.	Description	Item Quantity	Contract Information		Value of Bid Item (C X E) (\$)	Previous Estimate		Quantity This App	Estimated Quantity Incorporated in	Value of Work Completed to Date (E X G)	% of Item (H / F)	Balance to Finish (F - H) (\$)
			Units	Unit Price (\$)		Quantity Previous Estimate	Value Previous Estimate					
Original Contract												
1	CLEARING AND GRUBBING	1.00	LS		30,850.00	1.00	30,850.00	-	1.00	30,850.00	100%	-
2	TOPSOIL, COMPOST AMENDED	500.00	CY	85.00	42,500.00	500.00	42,500.00	-	500.00	42,500.00	100%	-
3	EXCAVATION, CLASS 10	2,500.00	CY	12.00	30,000.00	2,500.00	30,000.00	-	2,500.00	30,000.00	100%	-
4	SUBBASE, MODIFIED, BERM	255.00	TON	42.50	10,837.50	242.60	10,310.50	-	242.60	10,310.50	95%	527.00
5	LINEAR TRENCH DRAIN, 8 INCH	75.00	LF	150.00	11,250.00	75.00	11,250.00	-	75.00	11,250.00	100%	-
6	SUBDRAIN, SOLID WALL PVC, 4 INCH	50.00	LF	32.00	1,600.00	60.00	1,920.00	-	60.00	1,920.00	120%	(320.00)
7	BACKFLOW PREVENTER, SEWER, 4 INCH	1.00	EA	400.00	400.00	1.00	400.00	-	1.00	400.00	100%	-
8	SUBDRAIN, SOLID WALL PVC, 8 INCH	288.00	LF	65.00	18,720.00	287.00	18,655.00	-	287.00	18,655.00	100%	65.00
9	SUBDRAIN, HDPE, 8 INCH	85.00	LF	100.00	8,500.00	193.00	19,300.00	-	193.00	19,300.00	227%	(10,800.00)
10	SUBDRAIN CLEANOUT, 8 INCH, TYPE A-1	2.00	EA	1,500.00	3,000.00	1.00	1,500.00	-	1.00	1,500.00	50%	1,500.00
11	SUBDRAIN OUTLETS AND CONNECTIONS, 8 INCH, TYPE A-1	2.00	EA	500.00	1,000.00		-	-	-	-	-	1,000.00
12	WATER SERVICE	1.00	LS	8,000.00	8,000.00	1.00	8,000.00	-	1.00	8,000.00	100%	-
13	WATER SERVICE, WATER FOUNTAIN	1.00	LS	8,000.00	8,000.00	1.00	8,000.00	-	1.00	8,000.00	100%	-
14	VALVE, GATE, 4 INCH	1.00	EA	3,500.00	3,500.00	1.00	3,500.00	-	1.00	3,500.00	100%	-
15	BACKFLOW PREVENTER	1.00	EA	20,000.00	20,000.00	1.00	20,000.00	-	1.00	20,000.00	100%	-
16	METER PIT	1.00	EA	20,000.00	20,000.00	1.00	20,000.00	-	1.00	20,000.00	100%	-
17	PRESSURE REDUCING VALVE	1.00	EA	12,000.00	12,000.00	1.00	12,000.00	-	1.00	12,000.00	100%	-
18	FLUSHING DEVICE (BLOW OFF), 2 INCH	1.00	EA	2,000.00	2,000.00	1.00	2,000.00	-	1.00	2,000.00	100%	-
19	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	1.00	EA	2,500.00	2,500.00	1.00	2,500.00	-	1.00	2,500.00	100%	-
20	TAP FEE	1.00	EA	12,000.00	12,000.00	1.00	12,000.00	-	1.00	12,000.00	100%	-
21	INTAKE, SW-512, 48 INCH	2.00	EA	4,500.00	9,000.00	2.00	9,000.00	-	2.00	9,000.00	100%	-
22	NYLOPLAST DRAIN BASIN, 18 INCH	3.00	EA	2,700.00	8,100.00	3.00	8,100.00	-	3.00	8,100.00	100%	-
23	EXTERNAL DROP CONNECTION	1.00	EA	7,000.00	7,000.00	1.00	7,000.00	-	1.00	7,000.00	100%	-
24	MANHOLE ADJUSTMENT, MINOR	1.00	EA	2,500.00	2,500.00	2.00	5,000.00	-	2.00	5,000.00	200%	(2,500.00)
25	MANHOLE ADJUSTMENT, MAJOR	2.00	EA	3,500.00	7,000.00	1.00	3,500.00	-	1.00	3,500.00	50%	3,500.00
26	MANHOLE ADJUSTMENT, MAJOR, WRA	1.00	EA	5,000.00	5,000.00	1.00	5,000.00	-	1.00	5,000.00	100%	-
27	REMOVE INTAKE	2.00	EA	750.00	1,500.00	2.00	1,500.00	-	2.00	1,500.00	100%	-
28	PAVEMENT, PCC, 7 INCH	345.00	SY	97.22	33,540.90	356.45	34,654.07	-	356.45	34,654.07	103%	(1,113.17)
29	PAVEMENT, PCC, 5 INCH, REINFORCED (SPASHPAD)	258.00	SY	130.62	33,699.96	198.79	25,965.95	-	198.79	25,965.95	77%	7,734.01
30	PAVEMENT, PCC, 7 INCH, INTEGRAL COLOR	305.00	SY	130.12	39,686.60	298.00	38,775.76	-	298.00	38,775.76	98%	910.84
31	CURB AND GUTTER, 2 FT, 7 INCH	45.00	LF	51.60	2,322.00	54.00	2,786.40	-	54.00	2,786.40	120%	(464.40)
32	REMOVAL OF SIDEWALK	1,275.00	SY	11.00	14,025.00	1,278.00	14,058.00	-	1,278.00	14,058.00	100%	(33.00)
33	SIDEWALK, PCC, 5 INCH	2,410.00	SY	76.79	185,063.90	2,304.31	176,947.96	-	2,304.31	176,947.96	96%	8,115.94
34	SIDEWALK, PCC, 6 INCH	175.00	SY	82.26	14,395.50	306.46	25,209.40	-	306.46	25,209.40	175%	(10,813.90)
35	PAVEMENT REMOVAL	895.00	SY	11.00	9,845.00	1,007.30	11,080.30	-	1,007.30	11,080.30	113%	(1,235.30)
36	SALVAGE BRICK PAVERS	250.00	SY	30.00	7,500.00	250.00	7,500.00	-	250.00	7,500.00	100%	-
37	CURB AND GUTTER REMOVAL	45.00	LF	9.00	405.00	54.00	486.00	-	54.00	486.00	120%	(81.00)
38	PCC EDGE RESTRAINT, FLUSH, 2 FEET	210.00	LF	52.00	10,920.00	210.00	10,920.00	-	210.00	10,920.00	100%	-
39	TEMPORARY TRAFFIC CONTROL	1.00	LS	1,000.00	1,000.00	1.00	1,000.00	-	1.00	1,000.00	100%	-
40	CONVENTIONAL SEEDING, FERTILIZING, AND	1.00	AC	15,000.00	15,000.00	0.13	1,950.00	-	0.13	1,950.00	13%	13,050.00
41	SOD	250.00	SQ	100.00	25,000.00	362.20	36,220.00	-	362.20	36,220.00	145%	(11,220.00)
42	DECIDUOUS SHRUBS	195.00	EA	77.50	15,112.50	195.00	15,112.50	-	195.00	15,112.50	100%	-
43	ORNAMENTAL TREE	18.00	EA	346.50	6,237.00	18.00	6,237.00	-	18.00	6,237.00	100%	-
44	PERENNIAL GROUND COVER (1 GAL)	897.00	EA	36.00	32,292.00	790.00	28,440.00	-	790.00	28,440.00	88%	3,852.00
45	DECIDUOUS TREE	19.00	EA	517.50	9,832.50	19.00	9,832.50	-	19.00	9,832.50	100%	-
46	EVERGREEN TREE	7.00	EA	440.50	3,083.50	7.00	3,083.50	-	7.00	3,083.50	100%	-

Progress Estimate - Unit Price Work

Owner:	CITY OF WINDSOR HEIGHTS, IOWA	Owner's Project No.:	
Engineer:	BOLTON & MENK, INC.	Engineer's Project No.:	OT6.128908
Contractor:	CALIBER CONCRETE, LLC	Agency's Project No.:	
Project:	2023 COLBY PARK IMPROVEMENTS		
Contract:			

Contractor's Application for Payment

Application No.: 14			Application Period:		From	09/01/25	to	11/19/25	Application Date: 12/1/2025			
A	B	C	D	E	F	F1	F2	G	H	I	J	
Bid Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Quantity Previous Estimate	Value Previous Estimate	Estimated Quantity Incorporated in	Value of Work Completed to Date (E X G)	% of Value of Item (H / F)	Balance to Finish (F - H) (\$)	
47	SWPPP PREPARATION	1.00	LS	1,500.00	1,500.00	1.00	1,500.00	1.00	1,500.00	100%	-	
48	SWPPP MANAGEMENT	1.00	LS	7,800.00	7,800.00	1.00	7,800.00	1.00	7,800.00	100%	-	
49	FILTER SOCK, 8" INSTALL, MAINTAIN, AND REMOVE	5,000.00	LF	3.25	16,250.00	1,575.00	5,118.75	1,575.00	5,118.75	32%	11,131.25	
50	HANDRAIL, PAINTED	401.00	LF	110.00	44,110.00	401.00	44,110.00	401.00	44,110.00	100%	-	
51	MOBILIZATION	1.00	LS	110,000.00	110,000.00	1.00	110,000.00	1.00	110,000.00	100%	-	
52	CONCRETE WASHOUT	1.00	LS	1,500.00	1,500.00	1.00	1,500.00	1.00	1,500.00	100%	-	
53	TENNIS COURT PAVEMENT AND FENCE REMOVAL	1.00	LS	18,500.00	18,500.00	1.00	18,500.00	1.00	18,500.00	100%	-	
54	CONCRETE SURFACE STAIN	1,335.00	SF	10.00	13,350.00	1,335.00	13,350.00	1,335.00	13,350.00	100%	-	
55	NON-SKID RUBBERIZED COATING (SPLASHPAD)	1,945.00	SF	13.00	25,285.00	1,945.00	25,285.00	1,945.00	25,285.00	100%	-	
56	REINFORCED CAST-IN-PLACE CONCRETE RETAINING WALL	30.00	CY	1,250.00	37,500.00	30.00	37,500.00	30.00	37,500.00	100%	-	
57	REINFORCED CAST-IN-PLACE CONCRETE PIERS (LEAF SEAT	36.00	EA	300.00	10,800.00	36.00	10,800.00	36.00	10,800.00	100%	-	
58	REINFORCED CAST-IN-PLACE CONCRETE WALL (LEAF SEAT	785.00	CF	38.25	30,026.25	-	-	-	-	-	30,026.25	
59	CONCRETE STEPPING PLANKS	7.00	EA	300.00	2,100.00	7.00	2,100.00	7.00	2,100.00	100%	-	
60	DRINKING FOUNTAIN	1.00	EA	10,000.00	10,000.00	1.00	10,000.00	1.00	10,000.00	100%	-	
61	SPLASH PAD EQUIPMENT & INSTALLATION	1.00	LS	250,000.00	250,000.00	1.00	250,000.00	1.00	250,000.00	100%	-	
62	SALVAGE & REINSTALL FURNISHINGS	1.00	LS	5,000.00	5,000.00	1.00	5,000.00	1.00	5,000.00	100%	-	
63	PLAYGROUND EQUIPMENT & INSTALLATION	1.00	LS	690,490.00	690,490.00	1.00	690,490.00	1.00	690,490.00	100%	-	
64	FALL ATTENUATION SURFACING, POUR-IN-PLACE	6,825.00	SF	37.09	253,139.25	6,825.00	253,139.25	6,825.00	253,139.25	100%	-	
65	FALL ATTENUATION SURFACING, SYNTHETIC TURF	2,000.00	SF	39.96	79,920.00	2,000.00	79,920.00	2,000.00	79,920.00	100%	-	
66	BIKE RACK	8.00	EA	800.00	6,400.00	8.00	6,400.00	8.00	6,400.00	100%	-	
67	BENCH (WOOD)	4.00	EA	2,446.00	9,784.00	4.00	9,784.00	4.00	9,784.00	100%	-	
68	STONE BLOCK BENCH	8.00	EA	1,512.50	12,100.00	8.00	12,100.00	8.00	12,100.00	100%	-	
69	ELECTRICAL IMPROVEMENTS, DEMO & SITE PREP	1.00	LS	9,000.00	9,000.00	1.00	9,000.00	1.00	9,000.00	100%	-	
70	ELECTRICAL IMPROVEMENTS, CIRCUITS	1.00	LS	55,880.00	55,880.00	1.00	55,880.00	1.00	55,880.00	100%	-	
71	ELECTRICAL IMPROVEMENTS, POLE/TOPI LIGHTS	1.00	LS	112,000.00	112,000.00	1.00	112,000.00	1.00	112,000.00	100%	-	
72	ELECTRICAL IMPROVEMENTS, BOLLARDS	1.00	LS	47,000.00	47,000.00	1.00	47,000.00	1.00	47,000.00	100%	-	
73	ELECTRICAL IMPROVEMENTS, SALVAGE & RELOCATE B-CYCLE	1.00	LS	1,000.00	1,000.00	-	-	-	-	-	1,000.00	
A1	PAVEMENT, PCC, 7 INCH	227.00	SY	87.98	19,971.46	227.00	19,971.46	227.00	19,971.46	100%	-	
A2	CURB AND GUTTER, 2 FT, 7 INCH	64.00	LF	51.60	3,302.40	64.00	3,302.40	64.00	3,302.40	100%	-	
A3	PAVEMENT REMOVAL	155.00	SY	11.00	1,705.00	155.00	1,705.00	155.00	1,705.00	100%	-	
A4	CURB AND GUTTER REMOVAL	64.00	LF	9.00	576.00	80.50	724.50	80.50	724.50	126%	(148.50)	
B1	SPLASH PAD OVERHEAD STRUCTURES	3.00	EA	39,424.00	118,272.00	3.00	118,272.00	3.00	118,272.00	100%	-	
C1	CAST STONE CUSTOM WALLS (LEAF SEAT WALLS)	599.00	CF	78.50	47,021.50	599.00	47,021.50	599.00	47,021.50	100%	-	
D1	IRRIGATION MODIFY AND EXTEND	1.00	LS	51,112.00	51,112.00	1.00	51,112.00	1.00	51,112.00	100%	-	
E1	CHAIN LINK FENCE, GALVANIZED, 6'	87.00	LF	52.00	4,524.00	-	-	-	-	-	4,524.00	
					Original Contract Totals	\$	2,852,637.72	\$	2,804,430.70	98.0%	\$ 48,207.02	

Change Orders													
CO1	CLEARING AND GRUBBING, TREE STUMP	1.00	LS	500.00	500.00	1.00	500.00	-	1.00	500.00	100%	-	
CO2	CLEARING AND GRUBBING, TREES	1.00	LS	500.00	500.00	1.00	500.00	-	1.00	500.00	100%	-	
1	CLEARING AND GRUBBING	1.00	LS	4,500.00	4,500.00	1.00	4,500.00	-	1.00	4,500.00	100%	-	
2	TOPSOIL, COMPOST AMENDED	35.00	CY	90.00	3,150.00	35.00	3,150.00	-	35.00	3,150.00	100%	-	
3	EXCAVATION, CLASS 10	50.00	CY	50.00	2,500.00	50.00	2,500.00	-	50.00	2,500.00	100%	-	
28	PAVEMENT, PCC, 7 INCH	435.00	SY	109.86	47,789.10	426.90	46,899.23	-	426.90	46,899.23	98%	889.87	
30	PAVEMENT, PCC, 7 INCH, COLORED	455.00	SY	141.11	64,205.05	447.37	63,128.38	-	447.37	63,128.38	98%	1,076.67	
31	CURB AND GUTTER, 2 FT, 7 INCH	285.00	LF	51.60	14,706.00	276.00	14,241.60	-	276.00	14,241.60	97%	464.40	

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 Contractor: CALIBER CONCRETE, LLC
 Project: 2023 COLBY PARK IMPROVEMENTS
 Contract:

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076.128908

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Application No.: 14			Application Period:			From	09/01/25	to	11/19/25	Application Date: 12/1/2025				
A	B	C	D	Contract Information		E	F	F1		F2	G	H	I	J
Bid Item No.	Description	Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)			Quantity Previous Estimate	Value Previous Estimate	Quantity This App	Estimated Quantity Incorporated in	Value of Work Completed to Date (E X G)	% of Value of Item (H / F)	Balance to Finish (F - H) (\$)
32	REMOVAL OF SIDEWALK	715.00	SY	11.00	7,865.00			715.00	7,865.00	-	715.00	7,865.00	100%	-
33	SIDEWALK, PCC, 5 INCH	250.00	SY	76.79	19,197.50			265.80	20,410.78	-	265.80	20,410.78	106%	(1,213.28)
34	SIDEWALK, PCC, 6 INCH	(93.00)	SY	82.26	(7,650.18)			-	-	-	-	-	-	(7,650.18)
37	CURB AND GUTTER REMOVAL	313.00	LF	9.00	2,817.00			313.00	2,817.00	-	313.00	2,817.00	100%	-
39	TEMPORARY TRAFFIC CONTROL	1.00	LS	6,400.00	6,400.00			1.00	6,400.00	-	1.00	6,400.00	100%	-
41	SOD	35.00	SQ	90.00	3,150.00			-	-	-	-	-	100%	3,150.00
42	DECIDUOUS SHRUBS	47.00	EA	77.50	3,642.50			47.00	3,642.50	-	47.00	3,642.50	100%	-
43	ORNAMENTAL TREE	(2.00)	EA	346.50	(693.00)			-	-	-	-	-	-	(693.00)
44	PERENNIAL GROUND COVER (1 GAL)	(12.00)	EA	36.00	(432.00)			-	-	-	-	-	-	(432.00)
45	DECIDUOUS TREE	11.00	EA	517.50	5,692.50			11.00	5,692.50	-	11.00	5,692.50	100%	-
46	EVERGREEN TREE	1.00	EA	440.50	440.50			1.00	440.50	-	1.00	440.50	100%	-
47	SWPPP PREPARATION	1.00	LS	500.00	500.00			1.00	500.00	-	1.00	500.00	100%	-
49	FILTER SOCK, 8"	600.00	LF	3.25	1,950.00			550.00	1,787.50	-	550.00	1,787.50	97%	162.50
51	MOBILIZATION	1.00	LS	8,623.00	8,623.00			1.00	8,623.00	-	1.00	8,623.00	100%	-
54	CONCRETE SURFACE STAIN	90.00	SF	10.00	900.00			90.00	900.00	-	90.00	900.00	100%	-
76	PAVEMENT MARKINGS REMOVED	2.00	STA	2,000.00	4,000.00			-	-	-	-	-	-	4,000.00
79	CONCRETE PLANTER CURB	295.00	LF	52.12	15,375.40			295.00	15,375.40	-	295.00	15,375.40	100%	-
80	ELECTRICAL IMPROVEMENTS	1.00	LS	102,055.00	102,055.00			1.00	102,055.00	-	1.00	102,055.00	100%	-
44	PERENNIAL GROUND COVER (1 GAL)	(6.00)	EA	36.00	(216.00)			-	-	-	-	-	-	(216.00)
81	TURF MOUND PLAYGROUND EQUIPMENT MODIFICATIONS	1.00	LS	1,375.00	1,375.00			1.00	1,375.00	-	1.00	1,375.00	100%	-
82	IRRIGATION QUICK CONNECT	1.00	LS	1,100.00	1,100.00			1.00	1,100.00	-	1.00	1,100.00	100%	-
83	LOWERING ELECTRICAL CONDUIT	1.00	LS	1,425.26	1,425.26			1.00	1,425.26	-	1.00	1,425.26	100%	-
84	FOOD TRUCK ELECTRICAL IMPROVEMENTS	1.00	LS	41,227.78	41,227.78			1.00	41,227.78	-	1.00	41,227.78	100%	-
85	FOOD TRUCK CATENARY POLES	1.00	LS	40,341.38	40,341.38			1.00	40,341.38	-	1.00	40,341.38	100%	-
86	SURFACE MOUNTED RAIL	4.00	EA	3,540.00	14,160.00			4.00	14,160.00	-	4.00	14,160.00	100%	-
87	SURFACE MOUNTED PICNIC TABLE, TYPE 1 (RIGHT TRIPLE)	4.00	EA	3,540.00	14,160.00			4.00	14,160.00	-	4.00	14,160.00	100%	-
88	SURFACE MOUNTED PICNIC TABLE, TYPE 1 (TRIPLE)	4.00	EA	3,542.11	14,168.45			4.00	14,168.45	-	4.00	14,168.45	100%	-
89	IRRIGATION ADJUSTMENT	1.00	LS	2,102.26	2,102.26			1.00	2,102.26	-	1.00	2,102.26	100%	-
90	ELECTRICAL ADJUSTMENT	1.00	LS	443.81	443.81			1.00	443.81	-	1.00	443.81	100%	-
91	CEC RESEALING	1.00	LS	27,383.00	27,383.00			1.00	27,383.00	-	1.00	27,383.00	100%	(527.00)
4	SUBBASE, MODIFIED, BERM	(12.40)	TON	42.50	(527.00)			-	-	-	-	-	-	320.00
6	SUBDRAIN, SOLID WALL PVC, 4 INCH	10.00	LF	32.00	320.00			-	-	-	-	-	-	(65.00)
8	SUBDRAIN, SOLID WALL PVC, 8 INCH	(1.00)	LF	65.00	(65.00)			-	-	-	-	-	-	10,800.00
9	SUBDRAIN, HDPE, 8 INCH	108.00	LF	100.00	10,800.00			-	-	-	-	-	-	(1,500.00)
10	SUBDRAIN CLEANOUT, 8 INCH, TYPE A-1	(1.00)	EA	1,500.00	(1,500.00)			-	-	-	-	-	-	(1,000.00)
11	SUBDRAIN OUTLETS AND CONNECTIONS, 8 INCH, TYPE A-1	(2.00)	EA	500.00	(1,000.00)			-	-	-	-	-	-	2,500.00
24	MANHOLE ADJUSTMENT, MINOR	1.00	EA	2,500.00	2,500.00			-	-	-	-	-	-	(3,500.00)
25	MANHOLE ADJUSTMENT, MAJOR	(1.00)	EA	3,500.00	(3,500.00)			-	-	-	-	-	-	1,113.17
28	PAVEMENT, PCC, 7 INCH	11.45	SY	97.22	1,113.17			-	-	-	-	-	-	(7,734.01)
29	PAVEMENT, PCC, 5 INCH, REINFORCED (SPASHPAD)	(59.21)	SY	130.62	(7,734.01)			-	-	-	-	-	-	(910.84)
30	PAVEMENT, PCC, 7 INCH, INTEGRAL COLOR	(7.00)	SY	130.12	(910.84)			-	-	-	-	-	-	464.40
31	CURB AND GUTTER, 2 FT, 7 INCH	9.00	LF	51.60	464.40			-	-	-	-	-	-	33.00
32	REMOVAL OF SIDEWALK	3.00	SY	11.00	33.00			-	-	-	-	-	-	(8,115.94)
33	SIDEWALK, PCC, 5 INCH	(105.69)	SY	76.79	(8,115.94)			-	-	-	-	-	-	10,813.90
34	SIDEWALK, PCC, 6 INCH	131.46	SY	82.26	10,813.90			-	-	-	-	-	-	1,235.30
35	PAVEMENT REMOVAL	112.30	SY	11.00	1,235.30			-	-	-	-	-	-	81.00
37	CURB AND GUTTER REMOVAL	9.00	LF	9.00	81.00			-	-	-	-	-	-	-



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Nate Weitz

SUBJECT: Approve 2023 Colby Park Improvements Final Acceptance and Certificate of Acceptance

GENERAL INFORMATION

ATTACHMENTS

1. Colby Park_Certificate of Completion_Combined



Staff Report

To: Mayor and City Council
From: Nate Weitz, Landscape Architect Project Manager, Bolton & Menk
Date: December 3, 2025
Subject: 2023 Colby Park Improvements, Final Acceptance and Certificate of Completion

GENERAL INFORMATION

See included final acceptance and certificate of completion.

**FINAL ACCEPTANCE
AND
CERTIFICATE OF COMPLETION**

2023 Colby Park Improvements
City of Windsor Heights, Iowa

Calibur Concrete, LLC
309 Audubon Street
Adair, IA 50002

I hereby declare that this project has been completed in substantial compliance with the plans, specifications, contract documents, and change orders governing this project and recommend that the work completed be accepted by the Owner, with the following exceptions and conditions:

Exceptions – None

Date of Final Completion – December 2, 2025

The undersigned accepts the work constructed under the conditions and guarantee of the contract with the exceptions noted above.

The final contract amount is \$3,274,246.03

Dated this 2 nd of December 2025

Recommended by Engineer, Bolton & Menk, Inc.

By 
Justin Ernst, Municipal Assistant Practice Leader | Principal
Bolton & Menk, Inc.

Accepted by Owner, City of Windsor Heights

By		
	Name	Title
		Date

Attest		
	Name	Title
		Date



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer

SUBJECT: Approve Forest Court Mill & Overlay Change Order 1

GENERAL INFORMATION

ATTACHMENTS

1. CO 1 Letter
2. Change_Order_Details_Forest_Court_Mill____Overlay - BALANCING FOR SIGNATURE_ (003)



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& MENK**

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430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 8, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: Forest Court Mill & Overlay
Change Order 1

Submitted for your approval is Change Order 1 for the above-mentioned project. Change Order 1 includes the final construction quantity adjustment required for contract closeout. The change order finalizes the total contract amount for the project. The approved contract value of \$158,054.00 will be increased by \$31,748.86 for a total final contract value of \$189,802.86. Please see Change Order 1 for a full summary of the change items.

Bolton & Menk, Inc. recommends the approval of Change Order 1. Upon approval of pay request, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office and one executed copy of the pay request to Grimes Asphalt and Paving Corporation with payment.

If you have any questions or comments, please contact me at 515-259-9190.

Sincerely,

Bolton & Menk, Inc.

Justin Ernst, P.E.
Principal Engineer



City of Windsor Heights - Iowa

Change Order Details

Forest Court Mill & Overlay.

Description	Street resurfacing, patching, curb and driveway replacement
Prime Contractor	GRIMES ASPHALT AND PAVING CORPORATION
Change Order	1
Status	Approved
Date Created	11/24/2025
Summary	Balancing Change Order for Final Payment
Change Order Description	Balancing Change Order for Final Payment
Awarded Project Amount	\$158,054.00
Authorized Project Amount	\$158,054.00
Change Order Amount	\$31,748.86
Revised Project Amount	\$189,802.86

Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Section: 1 - Description									
0002	5020-F	EA	\$50.000	2.000	\$100.00	-2.000	-\$100.00	0.000	\$0.00
VALVE BOX ADJUSTMENT, MINOR									
Reason: Balancing Change Order									
0003	6010-E	EA	\$3,200.000	7.000	\$22,400.00	-1.000	-\$3,200.00	6.000	\$19,200.00
MANHOLE ADJUSTMENT, MINOR									
Reason: Balancing Change Order									
0004	7010-A	SY	\$96.000	64.000	\$6,144.00	-4.600	-\$441.60	59.400	\$5,702.40
PAVEMENT, PCC, 9 INCH									
Reason: Balancing Change Order									
0005	7010-E	LF	\$34.000	107.000	\$3,638.00	-3.300	-\$112.20	103.700	\$3,525.80
CURB AND GUTTER, PCC, 2.5', 7 INCH									
Reason: Balancing Change Order									
0006	7021-A	TON	\$134.000	367.000	\$49,178.00	137.590	\$18,437.06	504.590	\$67,615.06
ASPHALT OVERLAY, SURFACE COURSE, 1/2 IN. MIX, PG 58-28S									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Reason: Balancing Change Order									
0007	7030-A-3	SY	\$67.000	15.000	\$1,005.00	-15.000	-\$1,005.00	0.000	\$0.00
REMOVAL OF DRIVEWAY									
Reason: Balancing Change Order									
0008	7030-H-1	SY	\$118.000	15.000	\$1,770.00	-15.000	-\$1,770.00	0.000	\$0.00
DRIVEWAY, PAVED, PCC, 6 INCH									
Reason: Balancing Change Order									
0009	7040-A	SY	\$108.000	360.000	\$38,880.00	196.550	\$21,227.40	556.550	\$60,107.40
FULL DEPTH PATCHES, PCC, 9 INCH									
Reason: Balancing Change Order									
0012	7040-H	SY	\$36.000	64.000	\$2,304.00	-4.600	-\$165.60	59.400	\$2,138.40
PAVEMENT REMOVAL									
Reason: Balancing Change Order									
0013	7040-I	LF	\$14.000	107.000	\$1,498.00	-3.300	-\$46.20	103.700	\$1,451.80
CURB AND GUTTER REMOVAL									
Reason: Balancing Change Order									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
0015	9010-D	MGAL	\$215.000	5.000	\$1,075.00	-5.000	-\$1,075.00	0.000	\$0.00
WATERING									
Reason: Balancing Change Order									
11 items			Totals	\$127,992.00		\$31,748.86		\$159,740.86	

AGREED BY CONTRACTOR:

By: Justin Eron Date: 12.8.2025

RECOMMENDED BY ENGINEER:

By: Rob Lehman Date: 12/8/2025

APPROVED BY WINDSOR HEIGHTS CITY COUNCIL:

By: _____ Date: _____



**STAFF REPORT
CITY COUNCIL**

December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer

SUBJECT: Approve Forest Court Mill & Overlay Pay Request 3 - Final

GENERAL INFORMATION

ATTACHMENTS

1. LTR-Forest Ct-Pay App 3
2. Detailed_Payment_Forest_Court_Mill____Overlay_(002)



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& MENK**

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430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 8, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: Forest Court Mill & Overlay
Pay Request 3 - Final

Dear Mr. Plagge:

Submitted for your approval is Pay Request 3-Final for the above-mentioned project. Pay Request 3 is for a total payment of \$9,490.14. The final total value completed is \$189,802.86. This pay request releases all retainage. The project has been completed and has been accepted by the City. Please see Pay Request 3 for a full summary of the items completed that are included in this payment.

Bolton & Menk, Inc., recommends the approval of Pay Request 3. Upon approval of pay request, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office and one executed copy of the pay request to Grimes Asphalt and Paving Corporation with payment.

Please let me know if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Justin Ernst, PE
Municipal Assistant Practice Leader, Principal

Enclosure



City of Windsor Heights - Iowa

Detailed Payment

Forest Court Mill & Overlay.

Description	Street resurfacing, patching, curb and driveway replacement
Payment Number	3
Pay Period	09/12/2025 to 12/02/2025
Prime Contractor	GRIMES ASPHALT AND PAVING CORPORATION
Payment Status	Pending
Awarded Project Amount	\$158,054.00
Authorized Amount	\$189,802.86

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Section: 1 - Description										
0001	2010-D-3	CY	\$143.000	20.000	0.000	20.000	20.000	20.000	\$0.00	\$2,860.00
TOPSOIL, OFF-SITE										
0002	5020-F	EA	\$50.000	0.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
VALVE BOX ADJUSTMENT, MINOR										
0003	6010-E	EA	\$3,200.000	6.000	0.000	6.000	6.000	6.000	\$0.00	\$19,200.00
MANHOLE ADJUSTMENT, MINOR										
0004	7010-A	SY	\$96.000	59.400	0.000	59.400	59.400	59.400	\$0.00	\$5,702.40
PAVEMENT, PCC, 9 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0005	7010-E	LF	\$34.000	103.700	0.000	103.700	103.700	103.700	\$0.00	\$3,525.80
CURB AND GUTTER, PCC, 2.5', 7 INCH										
0006	7021-A	TON	\$134.000	504.590	0.000	504.590	504.590	504.590	\$0.00	\$67,615.06
ASPHALT OVERLAY, SURFACE COURSE, 1/2 IN. MIX, PG 58-28S										
0007	7030-A-3	SY	\$67.000	0.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
REMOVAL OF DRIVEWAY										
0008	7030-H-1	SY	\$118.000	0.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
DRIVEWAY, PAVED, PCC, 6 INCH										
0009	7040-A	SY	\$108.000	556.550	0.000	556.550	556.550	556.550	\$0.00	\$60,107.40
FULL DEPTH PATCHES, PCC, 9 INCH										
0010	7040-D	LF	\$1.700	2,400.000	0.000	2,400.000	2,400.000	2,400.000	\$0.00	\$4,080.00
CRACK AND JOINT CLEANING AND FILLING, HOT POUR										
0011	7040-G	SY	\$2.750	3,208.000	0.000	3,208.000	3,208.000	3,208.000	\$0.00	\$8,822.00
MILLING										
0012	7040-H	SY	\$36.000	59.400	0.000	59.400	59.400	59.400	\$0.00	\$2,138.40
PAVEMENT REMOVAL										
0013	7040-I	LF	\$14.000	103.700	0.000	103.700	103.700	103.700	\$0.00	\$1,451.80
CURB AND GUTTER REMOVAL										
0014	8030-A	LS	\$5,000.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$5,000.00
TEMPORARY TRAFFIC CONTROL										
0015	9010-D	MGAL	\$215.000	0.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
WATERING										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0016	9020-A	SY	\$20.000	100.000	0.000	100.000	100.000	100.000	\$0.00	\$2,000.00
SOD										
0017	11020-A	LS	\$7,300.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$7,300.00
MOBILIZATION										
Section Totals:									\$0.00	\$189,802.86
Total Payments:									\$0.00	\$189,802.86

Time Charges

Time Limit	Original Deadline	Authorized Deadline	Charges This Period	Damages This Period	Days Completed To Date	Days Remaining To Date	Damages To Date
Final Completion - Liquidated Damages \$500/Day	12/01/2025	12/01/2025	N/A	\$0.00	N/A	62.0 Days	\$0.00
Substantial Completion - Liquidated Damages \$500/Day	10/03/2025	10/03/2025	N/A	\$0.00	N/A	35.0 Days	\$0.00
Total Damages:							\$0.00

Summary

Current Approved Work:	\$0.00
Current Stockpile Advancement:	\$0.00
Current Stockpile Recovery:	\$0.00
Current Retainage:	\$0.00
Current Retainage Released:	\$9,490.14
Current Liquidated Damages:	\$0.00
Current Adjustment:	\$0.00
Current Payment:	\$9,490.14
Previous Payment:	\$1,900.00

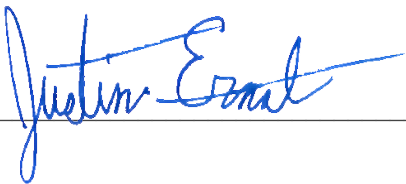
Approved Work To Date:	\$189,802.86
Stockpile Advancement To Date:	\$0.00
Stockpile Recovery To Date:	\$0.00
Retainage To Date:	\$9,490.14
Retainage Released To Date:	\$9,490.14
Liquidated Damages To Date:	\$0.00
Adjustments To Date:	\$0.00
Payments To Date:	\$189,802.86
Previous Payments To Date:	\$180,312.72

SIGNATURE LINE FOR PAYMENT REPORTS

ENGINEER'S CERTIFICATION:

In accordance with the Contract Documents, based on on-site observations and the data comprising this Payment Application, the Construction Project Manager certifies to the City of Windsor Heights that to the best of the Construction Project Manager's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of Amount Certified.

AMOUNT CERTIFIED: \$ 9,490.14

By:  Date: 12.8.2025

CONTRACTOR'S CERTIFICATION:

Contractor certifies that to the best of Contractor's knowledge, information and belief, the Work covered by this Payment Application has been completed in accordance with the Contract Documents, that all amounts have been paid by Contractor for Work for which payments were issued and payments received from the City of Windsor Heights, and that the current payment applied herein is now due.

By: *Rob Lehman* Date: 12/08/2025

CITY OF WINDSOR HEIGHTS REVIEW / APPROVAL:

By: _____ Date: _____



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer

SUBJECT: Approve Forest Court Mill & Overlay Final Acceptance and Certificate of Completion

GENERAL INFORMATION

ATTACHMENTS

1. Final Acceptance

**FINAL ACCEPTANCE
AND
CERTIFICATE OF COMPLETION**

Forest Court Mill & Overlay
City of Windsor Heights, Iowa

Grimes Asphalt & Paving Corp.
5550 NE 22nd Street
Des Moines, IA 50313

I hereby declare that this project has been completed in substantial compliance with the plans, specifications, contract documents, and change orders governing this project and recommend that the work completed be accepted by the Owner, with the following exceptions and conditions:

Exceptions – None

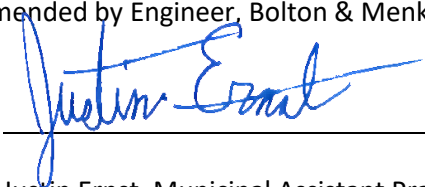
Date of Final Completion – December 1, 2025

The undersigned accepts the work constructed under the conditions and guarantee of the contract with the exceptions noted above.

The final contract amount is \$189,802.86

Dated this 15th of December 2025

Recommended by Engineer, Bolton & Menk, Inc.

By 

Justin Ernst, Municipal Assistant Practice Leader | Principal
Bolton & Menk, Inc.

Accepted by Owner, City of Windsor Heights

By _____
Name Title Date

Attest _____
Name Title Date



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer

SUBJECT: Approve Wilshire Blvd Storm Sewer Project Pay Request 2

GENERAL INFORMATION

ATTACHMENTS

1. LTR-Wilshire Storm Pay App 2
2. PA_02_Wilshire_Boulevard_Storm_Sewer_Signed



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430 E Grand Avenue
Suite 101
Des Moines, IA 50309

Ph: (515) 259-9190
Fax: (515) 233-4430
Bolton-Menk.com

December 8, 2025

Mr. Adam Plagge
City Administrator
City of Windsor Heights, Iowa

RE: Wilshire Blvd Storm Sewer Project
Pay Request 2

Dear Mr. Plagge:

Submitted for your approval is Pay Request 2 for the above-mentioned project. Pay Request 2 is for a total payment of \$75,700.36. The total payments to date: \$125,893.35. Please see pay request for a full summary of the completed items that are included in this payment.

Bolton & Menk, Inc., recommends the approval of Pay Request 2. Upon approval of pay request, please sign 3 copies in the space provided. Return one executed copy of the pay request to our office and one executed copy of the pay request to Jet Drain Services LLC with payment.

Please let me know if you have any questions.

Sincerely,

Bolton & Menk, Inc.

Justin Ernst, PE
Municipal Assistant Practice Leader, Principal

Enclosure



City of Windsor Heights - Iowa

Detailed Payment

Wilshire Boulevard Storm Sewer - 24X.135937.000

Description	Storm sewer including storm sewer abandonment and removal, pipe and intake installation, PCC pavement, and sodding.
Payment Number	2
Pay Period	11/04/2025 to 11/30/2025
Prime Contractor	JET DRAIN
Payment Status	Pending
Awarded Project Amount	\$95,629.10
Authorized Amount	\$168,254.10

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Section: 1 - Description										
0001	2010-D-1	CY	\$45.000	18.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
TOPSOIL, ON-SITE										
0002	4020-A-1	LF	\$150.000	73.000	0.000	73.000	73.000	73.000	\$0.00	\$10,950.00
STORM SEWER, TRENCHED, 24 INCH										
0003	4020-D	LF	\$15.000	47.000	47.000	0.000	47.000	47.000	\$705.00	\$705.00
REMOVAL OF STORM SEWER, RCP, 15 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0004	4020-G	LF	\$25.000	425.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
STORM SEWER ABANDONMENT, FILL AND PLUG, 15 INCH										
0005	4040-999-A	EA	\$300.000	2.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SUBDRAIN POP UP OUTLET										
0006	6010-999-A	EA	\$10,000.000	2.000	0.000	2.000	2.000	2.000	\$0.00	\$20,000.00
INTAKE, NYLOPLAST 30 INCH										
0007	6010-E	EA	\$1,500.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
MANHOLE ADJUSTMENT, MINOR										
0008	6010-G	EA	\$2,500.000	1.000	0.000	1.000	1.000	1.000	\$0.00	\$2,500.00
CONNECTION TO EXISTING MANHOLE										
0009	6010-H	EA	\$1,000.000	2.000	2.000	0.000	2.000	2.000	\$2,000.00	\$2,000.00
REMOVE INTAKE										
0010	7030-A-1	SY	\$20.000	20.000	0.000	25.000	25.000	25.000	\$0.00	\$500.00
REMOVAL OF SIDEWALK										
0011	7030-A-3	SY	\$25.000	40.000	101.667	0.000	101.667	101.667	\$2,541.68	\$2,541.68
REMOVAL OF DRIVEWAY										
0012	7030-E	SY	\$55.000	20.000	0.000	22.250	22.250	22.250	\$0.00	\$1,223.75
SIDEWALK, PCC, 4 INCH										
0013	7030-E	SY	\$60.000	7.000	4.250	2.750	7.000	7.000	\$255.00	\$420.00
SIDEWALK, PCC, 6 INCH										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0014	7030-G	SF	\$60.000	10.000	10.000	0.000	10.000	10.000	\$600.00	\$600.00
DETECTABLE WARNING										
0015	7030-H-1	SY	\$60.000	40.000	101.667	0.000	101.667	101.667	\$6,100.02	\$6,100.02
DRIVEWAY, PAVED, PCC, 6 INCH										
0016	7040-A	SY	\$91.480	170.000	78.333	67.300	145.633	145.633	\$7,165.91	\$13,322.51
FULL DEPTH PATCHES, PCC, 9 INCH										
0017	8030-A	LS	\$5,500.000	1.000	0.500	0.500	1.000	1.000	\$2,750.00	\$5,500.00
TEMPORARY TRAFFIC CONTROL										
0018	9020-A	SY	\$17.250	230.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
SOD										
0019	11020-A	LS	\$15,000.000	1.000	0.500	0.500	1.000	1.000	\$7,500.00	\$15,000.00
MOBILIZATION										
8001	4040-108-A-0	LF	\$36.300	480.000	480.000	0.000	480.000	480.000	\$17,424.00	\$17,424.00
Subdrain: Perforated 6"										
8002	2435-0251218	EACH	\$5,500.000	1.000	1.000	0.000	1.000	1.000	\$5,500.00	\$5,500.00
INTAKE, SW-512, 18"										
8003	2599-9999010	LS	\$3,586.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
('LUMP SUM' ITEM): Remove & Replace Driveway Apron and Sidewalk										
8004	2435-0250500	EACH	\$7,500.000	2.000	2.000	0.000	2.000	2.000	\$15,000.00	\$15,000.00
INTAKE, SW-505										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8010	2503-0110015	LF	\$125.000	25.000	25.000	0.000	25.000	25.000	\$3,125.00	\$3,125.00
STORM SEWER GRAVITY MAIN, TRENCHED, 15 IN.										
8020	2510-6750600	EACH	\$1,000.000	2.000	2.000	0.000	2.000	2.000	\$2,000.00	\$2,000.00
REMOVAL OF INTAKES AND UTILITY ACCESSES										
8030	2503-0200036	LF	\$15.000	25.000	25.000	0.000	25.000	25.000	\$375.00	\$375.00
REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.										
8040	2533-4980005	LS	\$5,000.000	1.000	1.000	0.000	1.000	1.000	\$5,000.00	\$5,000.00
MOBILIZATION										
8050	6010-108-H-0	EA	\$2,500.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Remove Intake										
8060	4020-108-E-2	LF	\$25.000	140.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Storm Sewer Abandonment, Fill and Plug: 15 Inch										
8070	4020-108-E-2	LF	\$28.000	400.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Storm Sewer Abandonment, Fill and Plug: 18 Inch										
8080	7010-108-E-0	LF	\$125.000	18.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Curb and Gutter: Replacement 24"										
8090	9020-A	SY	\$15.000	11.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Sod										
8100	11020-108-A	LS	\$1,000.000	1.000	0.000	0.000	0.000	0.000	\$0.00	\$0.00
Mobilization										
Section Totals:									\$78,041.61	\$129,786.96

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Total Payments:									\$78,041.61	\$129,786.96

Time Charges

Time Limit	Original Deadline	Authorized Deadline	Charges This Period	Damages This Period	Days Completed To Date	Days Remaining To Date	Damages To Date
Final Completion/Payment - Liquidated damages \$500 per calendar day	11/28/2025	12/12/2025	N/A	\$0.00	N/A	12.0 Days	\$0.00
Substantial Completion - Liquidated damages \$500 per calendar day	10/31/2025	11/14/2025	N/A	\$0.00	N/A	-16.0 Days	\$0.00
Total Damages:							\$0.00

Summary

Current Approved Work:	\$78,041.61
Current Stockpile Advancement:	\$0.00
Current Stockpile Recovery:	\$0.00
Current Retainage:	\$2,341.25
Current Retainage Released:	\$0.00
Current Liquidated Damages:	\$0.00
Current Adjustment:	\$0.00
Current Payment:	\$75,700.36
Previous Payment:	\$50,192.99

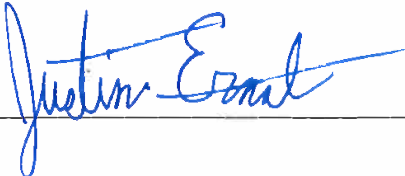
Approved Work To Date:	\$129,786.96
Stockpile Advancement To Date:	\$0.00
Stockpile Recovery To Date:	\$0.00
Retainage To Date:	\$3,893.61
Retainage Released To Date:	\$0.00
Liquidated Damages To Date:	\$0.00
Adjustments To Date:	\$0.00
Payments To Date:	\$125,893.35
Previous Payments To Date:	\$50,192.99

SIGNATURE LINE FOR PAYMENT REPORTS

ENGINEER'S CERTIFICATION:

In accordance with the Contract Documents, based on on-site observations and the data comprising this Payment Application, the Construction Project Manager certifies to the City of Windsor Heights that to the best of the Construction Project Manager's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of Amount Certified.

AMOUNT CERTIFIED: \$ 75,700.36

By:  Date: 12.8.2025

CONTRACTOR'S CERTIFICATION:

Contractor certifies that to the best of Contractor's knowledge, information and belief, the Work covered by this Payment Application has been completed in accordance with the Contract Documents, that all amounts have been paid by Contractor for Work for which payments were issued and payments received from the City of Windsor Heights, and that the current payment applied herein is now due.

By:  Date: 12-04-2025
Chantz Berstler

CITY OF WINDSOR HEIGHTS REVIEW / APPROVAL:

By: _____ Date: _____



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Justin Ernst, City Engineer
Adam Plagge, City Administrator

SUBJECT: Approve Resolution No. 2025-84 - A Resolution to Set a Public Hearing and Take Bids on 74th Street Improvement Project

GENERAL INFORMATION

RECOMMENDATION

Adopt the resolution setting a public hearing for **February 16, 2026**, and confirm incentive payments.

BACKGROUND

The proposed 74th Street Improvement will take place between Wilshire Blvd. and College Dr. The project includes roadway, associated water main, storm sewer and sanitary sewer improvements completed in three stages during 2026. Sidewalk will be reinstalled on the west side of the street. The preliminary engineer's cost estimate for the project is \$2,100,000.

Key milestones and tentative dates have been established and are as follows.

- **Posting of Draft Plans and Specifications:** After New Year (early January 2026)
- **Bid Opening:** February 10, 2026
- **Public Hearing:** February 16, 2026
- **Late Start Date:** April 13, 2026
- **Stage 1 Completion:** On or before June 12, 2026
 - *Incentive:* \$50,000 for meeting this deadline
- **Stage 2 Completion:** On or before September 4, 2026
 - *Incentive:* \$50,000 for meeting this deadline
- **Overall Project Completion Goal:** October 31, 2026
- **Total Working Days:** 120 days

ADDITIONAL NOTES

- Draft plans and specifications are included for review only and not for construction.
- All dates and working days are **tentative** and subject to adjustment once final plans are complete. Will work with City staff on any final date adjustments.
- Incentives are designed to encourage timely completion of critical stages to minimize disruption and ensure project efficiency.

ATTACHMENTS

1. Resolution No. 2025-84 - A Resolution to Set a Public Hearing and Take Bids on 74th Street Improvement Project
2. 74Th Street Improvement_12.11.25
3. 74th Street Draft Spec 2025.12.03

Resolution No. 2025-84

A RESOLUTION TO PROVIDE FOR A NOTICE OF PUBLIC HEARING ON THE PROPOSED PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATED TOTAL COST FOR THE 74TH STREET IMPROVEMENT PROJECT AND FOR THE TAKING OF BIDS ON SAID PROJECT

WHEREAS, it is proposed that the City of Windsor Heights authorize the construction of public improvements as described in the proposed plans, specifications, and form of contract prepared by Bolten and Menk (the “Project Engineer”), which may be hereinafter referred to as the “74th Street Improvement Project” (the “Project”); and

WHEREAS, the proposed plans, specifications, form of contract and estimated total cost for the project (the “Contract Documents”) are on file with the City Clerk; and

WHEREAS, it is necessary to set a time and place for a public hearing on the Contract Documents, to publish Notice of Public Hearing on the Contract Documents, and to advertise for sealed bids on the Project.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WINDSOR HEIGHTS, IOWA:

1. The City hereby approves the proposed Contract Documents referred to in this Resolution, as prepared by the Project Engineer, in their preliminary form.
2. The City hereby determines that the Project is necessary and desirable for the City and finds that it is in the best interest of the City to proceed towards construction of the Project.
3. The City shall hold a public hearing on the proposed Contract Documents on February 15, 2026 at 6:00 pm at City Hall, at which time any interested person may appear and file objections to the proposed Contract Documents, and, after hearing objections, the City may proceed with approval of said Contract Documents.
4. The City hereby authorizes and directs the City Clerk to publish the notice of public hearing on the Contract Documents for the Project at least once, not less than four (4) not more than twenty (20) days before the date of the hearing.
5. The City hereby delegates Bolten and Menk the duty of publishing notice to bidders not less than 13 or more than 45 days before the date of filing bids.
6. The City hereby sets February 10, 2026 at 10:00 AM in City Hall, 1145 66th Street, as outlined in the Notice to Bidders as the time and place that the City’s designee will open and announce the bids received for construction of the Project.
7. The City hereby authorizes and directs advertisement for sealed bids for the Project in accordance with Iowa Code Chapter 26.

Passed and approved this 15th day of December 2025.

Mike Jones, Mayor

Attest: _____
Adam Strait, City Clerk

GOVERNING SPECIFICATIONS

THE 2025 EDITION OF THE "IOWA STATEWIDE URBAN SPECIFICATIONS FOR PUBLIC IMPROVEMENTS".

IOWA DEPARTMENT OF TRANSPORTATION " STANDARD SPECIFICATION FOR HIGHWAY AND BRIDGE CONSTRUCTION", VERSION OCTOBER 2015 AND ALL CURRENT GENERAL SUPPLEMENTAL SPECIFICATIONS AND MATERIALS INSTRUCTIONAL MEMORANDUM SHALL BE GOVERN AS REFERENCED.

MUTCD 2009 AS ADOPTED BY IOWA DEPARTMENT OF TRANSPORTATION.

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY IOWA ONE CALL 1-800-292-8989 OR 811

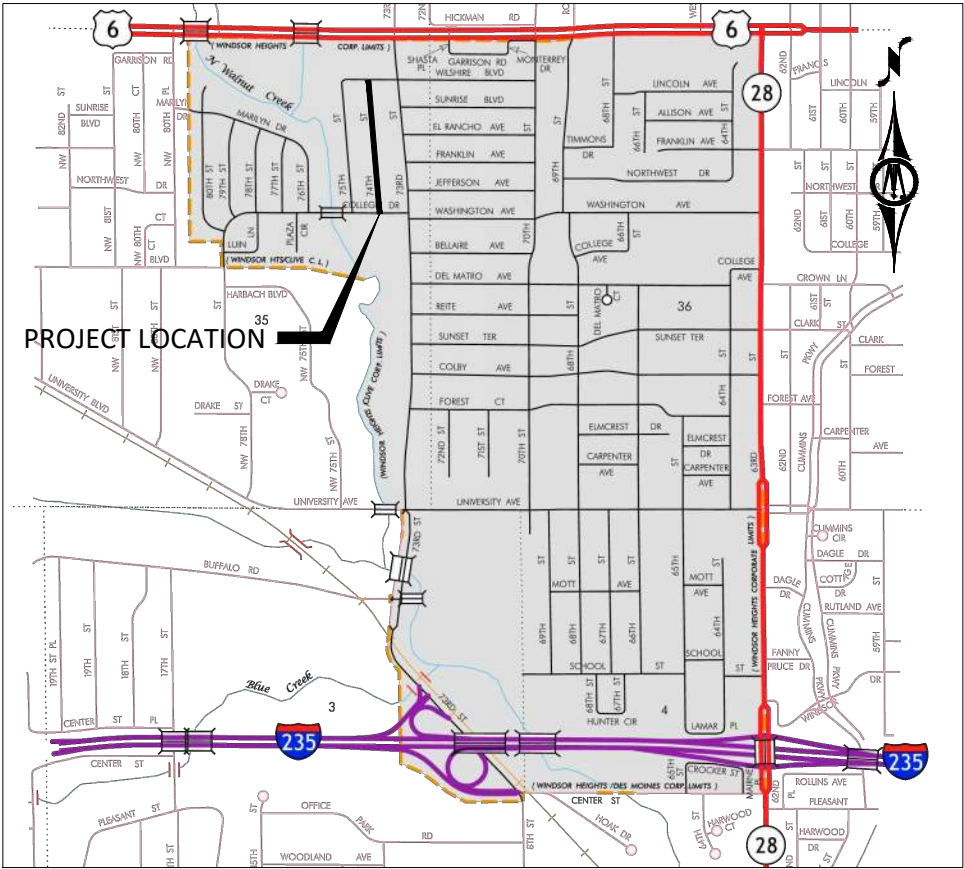


URBAN STANDARD DETAILS
FOR PUBLIC IMPROVEMENTS

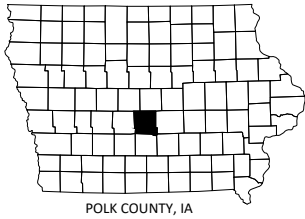
ALL STANDARD DETAILS SHALL BE CONSIDERED APPLICABLE TO CONSTRUCTION WORK ON THIS PROJECT. THE FOLLOWING DETAILS ARE BROUGHT TO THE CONTRACTOR'S ATTENTION:		
FIGURE NO.	NAME	DATE
3010.101	TRENCH BEDDING AND BACKFILL ZONES	4/17/2018
3010.102	RIGID GRAVITY PIPE TRENCH BEDDING	4/20/2021
4020.211	STORM SEWER PIPE CONNECTIONS	4/17/2018
4030.222	CIRCULAR CONCRETE APRONS	10/18/2016
4030.224	CONCRETE PIPE APRON GUARD	10/18/2016
4040.231	SUBDRAINS	10/21/2014
4040.232	SUBDRAIN CLEANOUTS	2020
4040.233	SUBDRAIN OUTLETS	2025
6010.402	RECTANGULAR STORM SEWER MANHOLE	4/21/2020
6010.501	SINGLE GRATE INTAKE	4/21/2020
6010.505	DOUBLE GRATE INTAKE	4/21/2020
6010.507	SINGLE OPEN-THROAT CURB INTAKE, SMALL BOX	4/21/2020
6010.514	BOXOUT FOR GRATE INTAKES	4/17/2018
6010.602	CASTINGS FOR STORM SEWER MANHOLES	4/21/2020
6010.603	CASTINGS FOR GRATE INTAKES	10/16/2018
7010.101	JOINTS	4/15/2025
7010.102	PCC CURB DETAILS	4/21/2020
7010.103	MANHOLE BOXOUTS IN PCC PAVEMENT	4/19/2022
7010.901	PCC PAVEMENT JOINTING	2022
7010.904	TYPICAL JOINTING LAYOUT	10/19/2010
7030.101	CONCRETE DRIVEWAY, TYPE A	2022
7030.103	DRIVEWAY GRADING	10/20/2015
7030.104	RIGHT-OF-WAY GRADING	10/21/2014
7030.201	CLASSES OF SIDEWALKS	2022
7030.202	CURB DETAILS FOR CLASS A SIDEWALK	2022
7030.204	GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK	10/20/2015
7030.205	GENERAL SIDEWALK AND CURB RAMP DETAILS	10/20/2015
7030.206	CURB RAMPS OUTSIDE OF INTERSECTION RADIUS	10/16/2012
7030.207	CURB RAMP FOR CLASS B OR C SIDEWALK	10/16/2012
7030.210	DETECTABLE WARNING PLACEMENT	10/16/2012
8030.101	TEMPORARY TRAFFIC CONTROL GENERAL INFORMATION	10/17/2017
8030.116	STREET OR ROAD CLOSURE	10/17/2017
9040.102	FILTER BERM AND FILTER SOCK	2025
9040.103	ROLL EROSION CONTROL PRODUCT(RECP) INSTALLATION ON SLOPES	2025
9040.105	ROLLED WATTLE	2025
9040.111	RIP RAP APRON FOR PIPE OUTLET INTO CHANNEL	10/21/2014
9040.119	SILT FENCE	2025
9040.120	STABILIZED CONSTRUCTION ENTRANCE	2025
9070.102	MODULAR BLOCK RETAINING WALL	10/18/2011
11030.101	TEMPORARY MAILBOXES	10/18/2016
11040.101	TEMPORARY GRANULAR SIDEWALK AND TEMPORARY RESIDENTIAL ACCESS	10/18/2016

CITY OF WINDSOR HEIGHTS
CONSTRUCTION PLANS FOR
74TH STREET
IMPROVEMENT

WINDSOR HEIGHTS, IA
DECEMBER, 2025

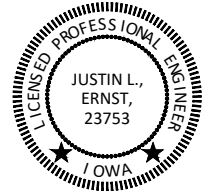


MAP OF THE
CITY OF WINDSOR HEIGHTS
POLK COUNTY, IA



PRELIMINARY
NOT FOR CONSTRUCTION,
RECORDING PURPOSES, OR
IMPLEMENTATION.

DRAWING INDEX			
SHEET NUMBER	SHEET TITLE	REVISION	ISSUE DATE
A.01	TITLE SHEET		
A.02	LEGEND SHEET		
B.01 - B.01	TYPICAL SECTIONS		
C.01 - C.02	GENERAL NOTES		
C.03	QUANTITIES		
C.04 - C.05	ESTIMATED REFERENCE NOTEES		
D.01 - D.03	PLAN & PROFILE - 74TH STREET		
F.01 - F.02	REMOVAL SHEETS - 74TH STREET		
G.01	ALIGNMENT AND CONTROL DATA		
H.01 - H.01	RIGHT-OF-WAY SHEET		
J.01	STAGING AND TRAFFIC CONTROL NOTES		
J.02 - J.05	STAGING AND TRAFFIC CONTROL - 74TH STREET		
K.01	RETAINING WALL DETAIL		
K.02	PLAN & PROFILE - RETAINING WALL		
L.01 - L.02	JOINTING PLAN - 74TH STREET		
M1.01	STORM SEWER TABULATION		
M1.02	STORM SEWER DETAILS		
M1.03 - M1.08	STORM SEWER PLAN - 74TH STREET		
M2.01 - M2.03	SANITARY SEWER PLAN - 74TH STREET		
MWM.01	WATER MAIN GENERAL NOTES		
MWM.02	WATER MAIN SCHEDULE		
MWM.03	DES MOINES WATER WORKS DETAIL		
MWM.04 - MWM.06	WATER MAIN PLAN & PROFILE - 74TH STREET		
N.01	SIGNING & STRIPPING DETAILS AND TABULATION		
N.02 - N.03	SIGNING AND STRIPPING PLAN		
R.01 - R.02	SWPPP GENERAL NOTE		
R.03 - R.04	EROSION CONTROL PLAN		
S.01 - S.03	SIDEWALK SHEETS - 74TH STREET		
S.04	ADA COMPLIANCE		
W.01 - W.05	CROSS SECTIONS - 74TH STREET		
THIS PLAN SET HAS 58 SHEETS			



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

JUSTIN L. ERNST, P.E.

LICENSE NUMBER: 23753 DATE: 12/23/2024

MY LICENSE RENEWAL DATE IS MONTH DAY, YEAR

PAGES OR SHEETS COVERED BY THIS SEAL:

ALL SHEET

WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT

TITLE SHEET

SHEET

A.01



430 E GRAND AVENUE, SUITE 101
DES MOINES, IA 50309
Phone: (515) 259-9190
Email: DesMoines@bolton-menk.com
www.bolton-menk.com

DESIGNED	REV	DESCRIPTION	DATE
PL	A	30% REVIEW PLANS	07-18-2025
PL		12/11/2025	
JLE			
CLIENT PROJ. NO.			
24X135938			

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P:\WINDSOR\G:\142413593800\CAD\CD\135938A_01.dwg 12/11/2025 10:15:10 AM

EXISTING TOPOGRAPHIC SYMBOLS

	ACCESS GRATE		SATELLITE DISH
	AIR CONDITION UNIT		SIGN TRAFFIC
	ANTENNA		SIGNAL CONTROL CABINET
	AUTO SPRINKLER CONNECTION		SOIL BORING
	BARRICADE PERMANENT		SIREN
	BASKETBALL POST		TELEPHONE BOOTH
	BENCH		TILE INLET
	BIRD FEEDER		TILE OUTLET
	BOLLARD		TILE RISER
	BUSH		TRANSFORMER-ELECTRIC
	CATCH BASIN RECTANGULAR CASTING		TREE-CONIFEROUS
	CATCH BASIN CIRCULAR CASTING		TREE-DEAD
	CURB STOP		TREE-DECIDUOUS
	CLEAN OUT		TREE STUMP
	CULVERT END		TRAFFIC ARM BARRIER
	DRINKING FOUNTAIN		TRAFFIC SIGNAL
	DOWN SPOUT		TRASH CAN
	FILL PIPE		UTILITY MARKER
	FIRE HYDRANT		VALVE
	FLAG POLE		VALVE POST INDICATOR
	FLARED END / APRON		VALVE VAULT
	FUEL PUMP		VAULT
	GRILL		VENT PIPE
	GUY WIRE ANCHOR		WATER SPIGOT
	HANDHOLE		WELL
	HANDICAP SPACE		WETLAND DELINEATED MARKER
	IRRIGATION SPRINKLER HEAD		WETLAND
	IRRIGATION VALVE BOX		WET WELL
	LIFT STATION CONTROL PANEL		YARD HYDRANT
	LIFT STATION		
	LIGHT POLE		
	MAILBOX		
	MANHOLE-COMMUNICATION		
	MANHOLE-ELECTRIC		
	MANHOLE-GAS		
	MANHOLE-HEAT		
	MANHOLE-SANITARY SEWER		
	MANHOLE-STORM SEWER		
	MANHOLE-UTILITY		
	MANHOLE-WATER		
	METER		
	ORDER MICROPHONE		
	PARKING METER		
	PAVEMENT MARKING		
	PEDESTAL-COMMUNICATION		
	PEDESTAL-ELECTRIC		
	PEDESTRIAN PUSH BUTTON		
	PICNIC TABLE		
	POLE-UTILITY		
	POST		
	RAILROAD SIGNAL POLE		
	REGULATION STATION GAS		

PROPOSED TOPOGRAPHIC SYMBOLS

	CLEANOUT
	MANHOLE
	LIFT STATION
	STORM SEWER CIRCULAR CASTING
	STORM SEWER RECTANGULAR CASTING
	STORM SEWER FLARED END / APRON
	STORM SEWER OUTLET STRUCTURE
	STORM SEWER OVERFLOW STRUCTURE
	CURB BOX
	FIRE HYDRANT
	WATER VALVE
	WATER REDUCER
	WATER BEND
	WATER TEE
	WATER CROSS
	WATER SLEEVE
	WATER CAP / PLUG
	RIP RAP
	DRAINAGE FLOW
	TRAFFIC SIGNS
	LIGHT POLE

SURVEY SYMBOLS

	BENCHMARK LOCATION		CAST IRON MONUMENT
	CONTROL POINT		STONE MONUMENT
	MONUMENT FOUND		

EXISTING TOPOGRAPHIC LINES

	RETAINING WALL
	FENCE
	FENCE-DECORATIVE
	GUARD RAIL
	TREE LINE
	BUSH LINE

SURVEY LINES

	CONTROLLED ACCESS
	BOUNDARY
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	SETBACK LINE
	SECTION LINE
	QUARTER LINE
	SIXTEENTH LINE
	TEMPORARY EASEMENT

EXISTING UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE

PROPOSED UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE
	PIPE CASING
	TRENCHLESS PIPE (PLAN VIEW)
	TRENCHLESS PIPE (PROFILE VIEW)

GRADING INFORMATION

	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED CONTOUR MAJOR
	PROPOSED GRADING LIMITS / SLOPE LIMITS
	PROJECT LIMITS
	PROPOSED SPOT ELEVATION
	RISE:RUN (SLOPE)

EXISTING PRIVATE UTILITY LINES

NOTE:
EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY IOWA ONE CALL - 1-888-282-8989

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THE UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEVELOPMENT OF EXISTING SUBSURFACE UTILITY DATA"

	UNDERGROUND FIBER OPTIC
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND COMMUNICATION
	OVERHEAD ELECTRIC
	OVERHEAD COMMUNICATION
	OVERHEAD UTILITY

UTILITIES IDENTIFIED WITH A QUALITY LEVEL OTHER THAN D:

LINE TYPES FOLLOW THE FORMAT: UTILITY TYPE - QUALITY LEVEL
EXAMPLE: UNDERGROUND GAS, QUALITY LEVEL A
UTILITY QUALITY LEVEL (A,B,C,D) DEFINITIONS CAN BE FOUND IN CI/ASCE 38-02.

UTILITY QUALITY LEVELS:

LEVEL D - INFORMATION COMES SOLELY FROM EXISTING UTILITY RECORDS.

LEVEL C - SURVEYING ABOVE GROUND UTILITY FACILITIES, SUCH AS MANHOLES, VALVE BOXES, ETC; AND CORRELATING THIS INFORMATION WITH EXISTING UTILITY RECORDS.

LEVEL B - THE USE OF SURFACE GEOPHYSICAL TECHNIQUES TO DETERMINE THE EXISTENCE AND HORIZONTAL POSITION OF UNDERGROUND UTILITIES.

LEVEL A - THE USE OF NONDESTRUCTIVE DIGGING EQUIPMENT AT HORIZONTAL AND VERTICAL POSITION OF UNDERGROUND UTILITIES, AS WELL AS THE TYPE, SIZE, CONDITION, MATERIAL, AND OTHER CHARACTERISTICS.

ABBREVIATIONS

A	ALGEBRAIC DIFFERENCE	GV	GATE VALVE	SAN	SANITARY SEWER
ADJ	ADJUST	HDPE	HIGH DENSITY POLYETHYLENE	SCH	SCHEDULE
ALT	ALTERNATE	HH	HANDHOLE	SERV	SERVICE
B-B	BACK TO BACK	HMA	HOT MIX ASPHALT	SHLD	SHOULDER
BLDG	BUILDING	HP	HIGH POINT	STA	STATION
BMP	BEST MANAGEMENT PRACTICE	HWL	HIGH WATER LEVEL	STD	STANDARD
BR	BEGIN RADIUS	HYD	HYDRANT	STM	STORM SEWER
BV	BUTTERFLY VALVE	I	INVERT	TC	TOP OF CURB
CB	CATCH BASIN	K	CURVE COEFFICIENT	TE	TEMPORARY EASEMENT
C&G	CURB AND GUTTER	L	LENGTH	TEMP	TEMPORARY
CIP	CAST IRON PIPE	LO	LOWEST OPENING	TNH	TOP NUT HYDRANT
CIPP	CURED-IN-PLACE PIPE	LP	LOW POINT	TP	TOP OF PIPE
CL	CENTER LINE	LT	LEFT	TYP	TYPICAL
CL	CLASS	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	MIN	MINIMUM	VERT	VERTICAL
C.O.	CHANGE ORDER	MR	MID RADIUS	VPC	VERTICAL POINT OF CURVE
COMM	COMMUNICATION	NIC	NOT IN CONTRACT	VPI	VERTICAL POINT OF INTERSECTION
CSP	CORRUGATED STEEL PIPE	NMC	NON-METALLIC CONDUIT	VPT	VERTICAL POINT OF TANGENT
CLVT	CULVERT	NTS	NOT TO SCALE	WM	WATERMAIN
DIA	DIAMETER	NWL	NORMAL WATER LEVEL	WS	WATER SERVICE
DIP	DUCTILE IRON PIPE	OHW	ORDINARY HIGH WATER LEVEL		
DWY	DRIVEWAY	PC	POINT OF CURVE		
E	EXTERNAL CURVE DISTANCE	PCC	PORTLAND CEMENT CONCRETE	AC	ACRES
ESMT	EASEMENT	PE	PERMANENT EASEMENT	CF	CUBIC FEET
ELEC	ELECTRIC	PED	PEDESTRIAN, PEDESTAL	CV	COMPACTED VOLUME
ELEV/EL	ELEVATION	PERF	PERFORATED PIPE	CY	CUBIC YARD
EOF	EMERGENCY OVERFLOW	PERM	PERMANENT	EA	EACH
ER	END RADIUS	PI	POINT OF INTERSECTION	EV	EXCAVATED VOLUME
EX	EXISTING	PL	PROPERTY LINE	LB	POUND
FES	FLARED END SECTION	PRC	POINT OF REVERSE CURVE	LF	LINEAR FEET
F-F	FACE TO FACE	PT	POINT OF TANGENT	LS	LUMP SUM
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE PIPE	LV	LOOSE VOLUME
F&I	FURNISH AND INSTALL	PVMT	PAVEMENT	SF	SQUARE FEET
FM	FORCEMAIN	R	RADIUS	SV	STOCKPILE VOLUME
FO	FIBER OPTIC	RCP	REINFORCED CONCRETE PIPE	SY	SQUARE YARD
F.O.	FIELD ORDER	RET	RETAINING		
GRAN	GRANULAR	R/W	RIGHT-OF-WAY		
GRAV	GRAVEL	RSC	RIGID STEEL CONDUIT		
GU	GUTTER	RT	RIGHT		

HORZ. SCALE
0 10 20
FEET



430 E GRAND AVENUE, SUITE 101
DES MOINES, IA 50309
Phone: (515) 259-9190
Email: DesMoines@bolton-menk.com
www.bolton-menk.com

DESIGNED	REV	DESCRIPTION	DATE
PL	A	30% REVIEW PLANS	07-18-2025
DRAWN			
PL			
CHECKED			
JLE			
CLIENT PROJ. NO.			
24X135938			

WINDSOR HIEGHTS, IOWA

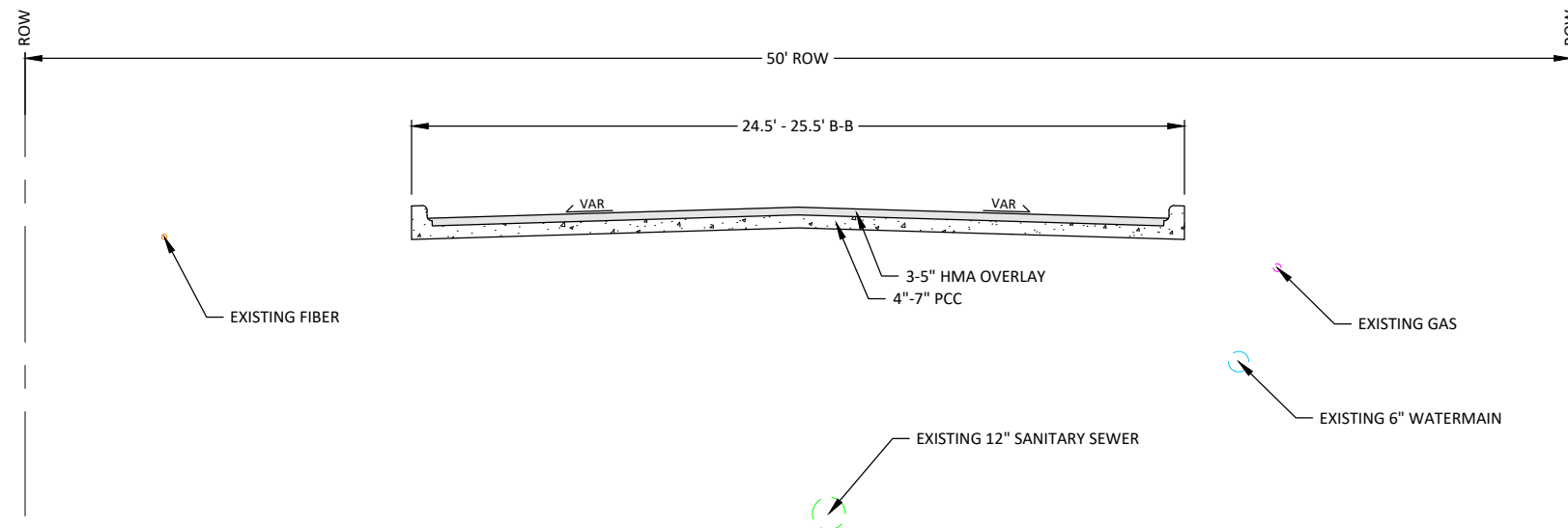
74TH STREET IMPROVEMENT

LEGEND SHEET

SHEET

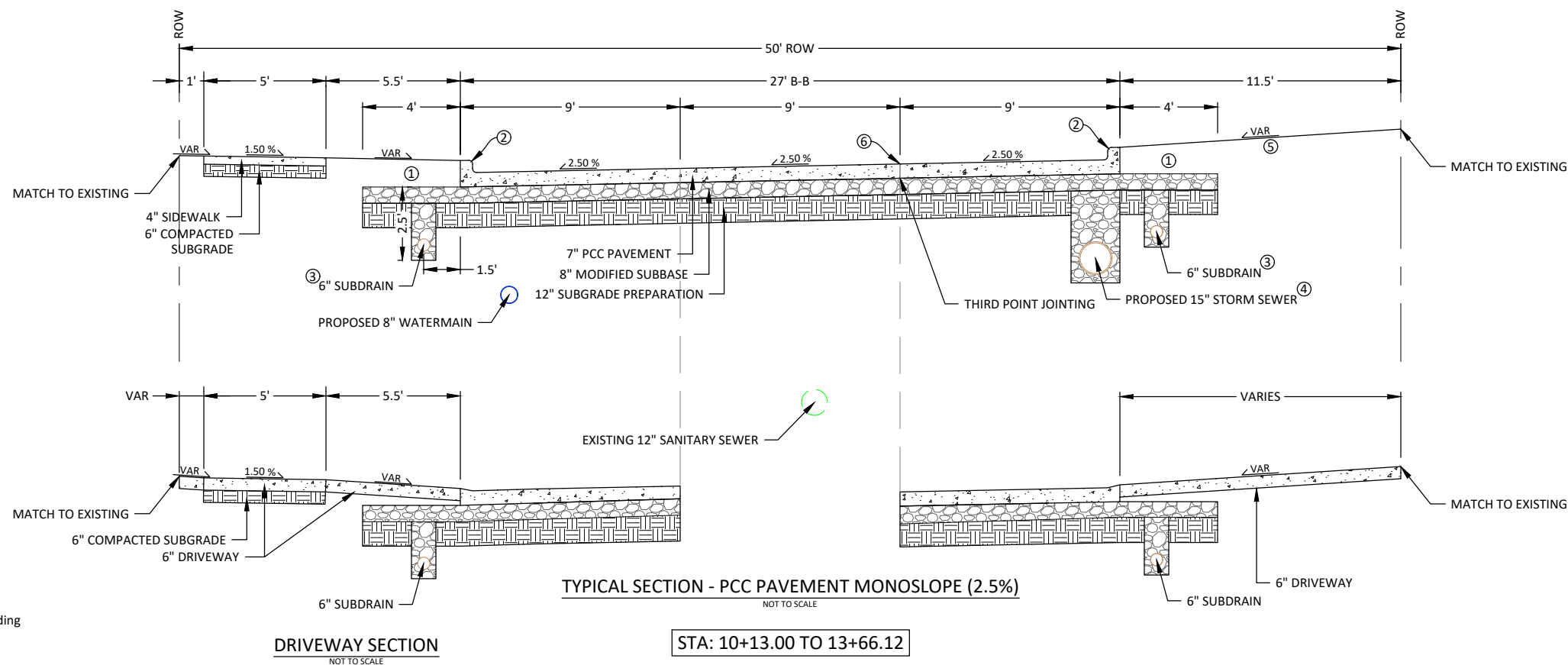
A.02

PRELIMINARY
NOT FOR CONSTRUCTION,
RECORDING PURPOSES, OR
IMPLEMENTATION.



TYPICAL EXISTING PAVEMENT SECTION
NOT TO SCALE

STA: 10+13.00 TO 24+65.13



TYPICAL SECTION - PCC PAVEMENT MONOSLOPE (2.5%)
NOT TO SCALE

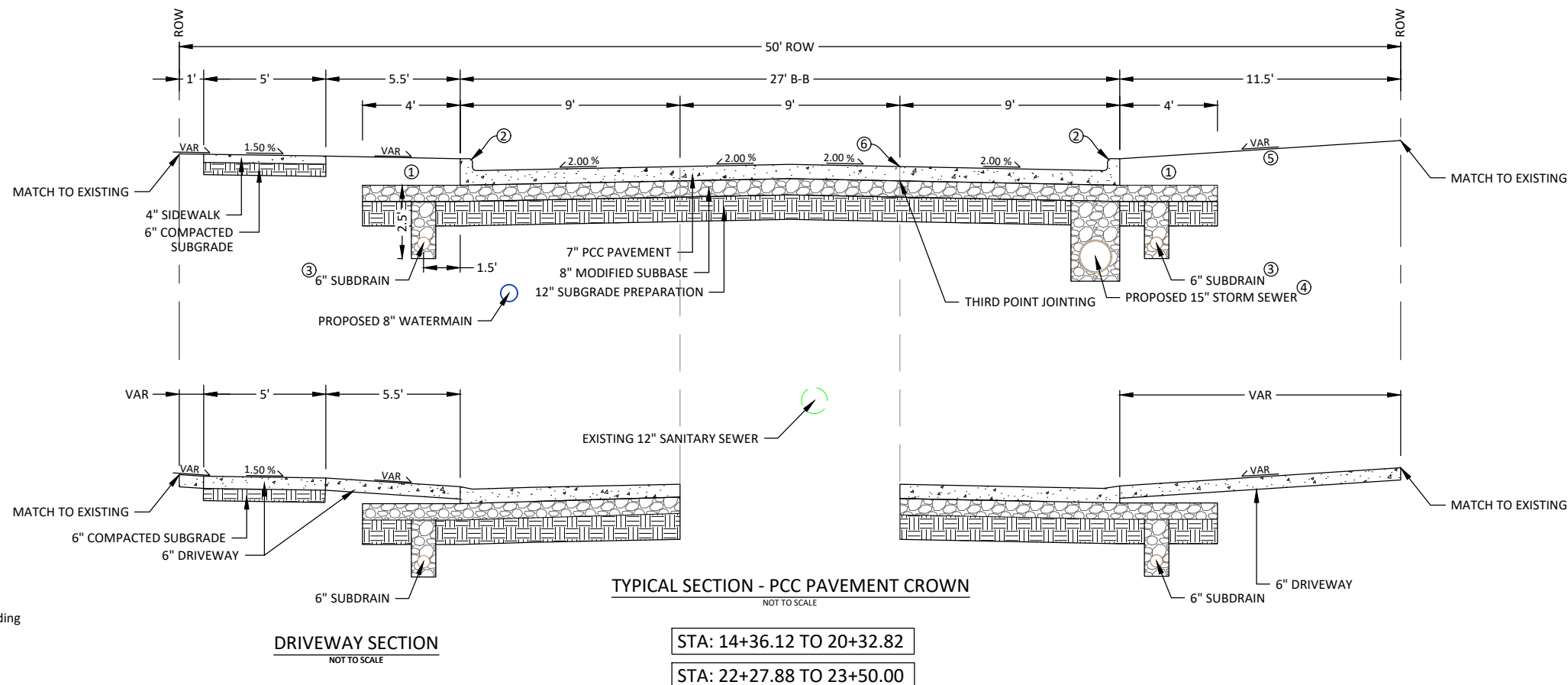
STA: 10+13.00 TO 13+66.12

DESIGNED	REV	DESCRIPTION	DATE
PL	A	30% REVIEW PLANS	07-18-2025
DRAWN			
PL			
CHECKED			
JLE			
CLIENT PROJ. NO.			
24X135938			

PRELIMINARY
NOT FOR CONSTRUCTION,
RECORDING PURPOSES, OR
IMPLEMENTATION.

Normal section shown may be appropriately modified for area specifically designated by the Engineer such as intersections or super elevated curves.

- ① Excavate and backfill 4.0'. Width of subbase/subgrade preparation may be reduced to 3' if paving machine allows. Quantities to be adjusted accordingly.
- ② 6" Standard Curb.
- ③ Refer to SUDAS Detail 4040.231, Case B Type 1.
- ④ Longitudinal and transverse storm sewer pipe bedding to extend up to subbase.
- ⑤ Refer to W-Sheets
- ⑥ Refer to L Sheets for transverse joint spacing.



[illegible]

DRIVEWAY SECTION
NOT TO SCALE

- ① Excavate and backfill 4.0'. Width of subbase/subgrade preparation may be reduced to 3' if paving machine allows. Quantities to be adjusted accordingly.
- ② 6" Standard Curb.
- ③ Refer to SUDAS Detail 4040.231, Case C Type 1.
- ④ Longitudinal and transverse storm sewer pipe bedding to extend up to subbase.
- ⑤ Refer to W-Sheets
- ⑥ Refer to L Sheets for transverse joint spacing.

TYPICAL SECTION - PCC PAVEMENT CROWN WITH CLASS A SIDEWALK

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DESIGNED	PL	REV	DESCRIPTION	DATE
DRAWN	PL	A	30% REVIEW PLANS	07-18-2025
CHECKED	JLE		12/11/2025	
CLIENT PROJ. NO.	21X135938			

TYPICAL SECTIONS

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STANDARD CONSTRUCTION NOTE:

1.

ALL IMPROVEMENTS, EXCEPT FOR WATER MAIN RELATED ITEMS, SHALL BE IN ACCORDANCE WITH THE 2025 EDITION OF THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) AND SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF THE CURRENT SUDAS STANDARD SPECIFICATIONS ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
2.

WATER MAIN RELATED IMPROVEMENTS AND ITEMS TO FOLLOW PLANS AND DES MOINES WATER WORKS SPECIAL PROVISIONS.
3.

ANY DEFECTIVE WORK CONDEMNED BY THE ENGINEER SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH SUDAS SECTION 1050. FAILURE TO REMOVE DEFECTIVE WORK MAY RESULT IN SUSPENSION OF OPERATIONS AND/OR WITHHOLDING OF PAYMENTS UNTIL DEFECTIVE WORK HAS BEEN REMOVED AND REPLACED.
4.

PRIOR TO MOBILIZING OFF OF THE JOB SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO REQUEST A FINAL INSPECTION IN ACCORDANCE WITH SUDAS SECTION 1050.
5.

THE CONTRACTOR SHALL PROCURE ALL NECESSARY PERMITS AND LICENSES IN ACCORDANCE WITH SUDAS SECTION 1070.
6.

THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY AND COMPLYING WITH ALL CURRENT AND FUTURE FEDERAL AND STATE OSHA REQUIREMENTS IN ACCORDANCE WITH SUDAS SECTION 1070.
7.

LIMITS OF CONSTRUCTION ARE WITHIN THE CITY RIGHT OF WAY, UNLESS SHOWN OTHERWISE IN THE CONSTRUCTION DRAWINGS. WORK SHALL BE COMPLETED IN THE LIMITS OF CONSTRUCTION AND IN ACCORDANCE WITH SUDAS SECTION 1070.
8.

THE CONTRACTOR SHALL UPDATE THE TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH SUDAS SECTION 1070, IF CONSTRUCTION ACTIVITIES DEVIATE FROM STAGING PLAN PROVIDED. ANY TRAFFIC CONTROL DEVICES OR SAFETY EQUIPMENT NEEDED TO CONSTRUCT THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION PHASING AND TRAFFIC CONTROL PLAN WITH PLANNED DETOURS TO THE CITY OF WINDSOR HEIGHTS PUBLIC SERVICES FOR APPROVAL BEFORE THE START OF ANY CONSTRUCTION ACTIVITIES.
9.

THE LOCATION OF ALL AERIAL AND UNDERGROUND UTILITIES MAY NOT BE INDICATED ON THESE PLANS. WORK SHALL BE COMPLETED IN ACCORDANCE WITH SUDAS SECTION 1070. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DAMAGE TO EXISTING UTILITIES.
10.

IN ACCORDANCE WITH SUDAS SECTION 1070, THE CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF ALL ITS WORK FROM DAMAGE AND SHALL PROTECT THE JURISDICTION'S PROPERTY AND ADJACENT PRIVATE PROPERTY FROM INJURY OR LOSS ARISING IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL REPAIR OR RESTORE ANY SUCH DAMAGE, INJURY, OR LOSS TO JURISDICTION PROPERTY OR ADJACENT PROPERTY. THE CONTRACTOR SHALL PROTECT TREES AND OTHER PROPERTY NOT MARKED FOR REMOVAL. THE CONTRACTOR SHALL SALVAGE ANY LANDSCAPING WITHIN THE RIGHT OF WAY UPON REQUEST BY THE ADJACENT PROPERTY OWNERS.
11.

THE CONTRACTOR SHALL PRESERVE OR REPLACE ALL PROPERTY MONUMENTS ON THE PROJECT SITE IN ACCORDANCE WITH IOWA STATE CODE SECTION 355.6A AND SUDAS SECTION 1070.
12.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SITE CLEANLINESS. UPON REQUEST BY THE ENGINEER, THE CONTRACTOR SHALL, AT ITS EXPENSE, CLEANUP AND REMOVE ALL REFUSE AND UNUSED MATERIALS OF ANY KIND RESULTING FROM THE WORK INCLUDING CLEANING AND SWEEPING OF ADJACENT STREETS. UPON FAILURE TO DO SO WITHIN THREE WORKING DAYS AFTER SUCH REQUEST BY THE ENGINEER, THE WORK MAY BE DONE BY THE JURISDICTION AND THE COST THERE OF CHARGED TO THE CONTRACTOR AND DEDUCTED FROM ITS FINAL PAYMENT IN ACCORDANCE WITH SUDAS SECTION 1070.
13.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A PROGRESS SCHEDULE THAT WILL ENSURE THE COMPLETION OF THE PROJECT WITHIN THE TIME SPECIFIED. IF IT APPEARS THE RATE OF PROGRESS IS SUCH THAT THE CONTRACT WILL NOT BE COMPLETED WITHIN THE TIME ALLOWED, OR IF THE WORK IS NOT BEING EXECUTED IN A SATISFACTORY AND WORKMANLIKE MANNER, THE ENGINEER MAY ORDER THE CONTRACTOR TO TAKE SUCH STEPS AS NECESSARY TO COMPLETE THE WORK AS SPECIFIED IN THE CONTRACT IN ACCORDANCE WITH SUDAS SECTION 1080.
14.

IF THE PROJECT IS SUBSTANTIALLY COMPLETE AND ONLY CLEANUP AND MINOR WORK ITEMS REMAIN FOR MORE THAN 30 CALENDAR DAYS, THE ENGINEER MAY RESTART CHARGING OF WORKING DAYS OR CHARGE PENALTIES EQUAL TO THE CONTRACT LIQUIDATED DAMAGES UNTIL ALL CORRECTIVE ACTION HAS BEEN COMPLETED IN ACCORDANCE WITH SUDAS SECTION 1080.
15.

CONTRACTOR TO STORE EQUIPMENT WITHIN THE WORK ZONE AND NOT ON THE STREET. EMPLOYEES ARE NOT TO PARK IN AREAS WHERE THEY OCCUPY ON-STREET PARKING FOR RESIDENTS AFFECTED BY CONSTRUCTION.
16.

IN ORDER TO AVOID ANY UNNECESSARY SURFACE BREAKS OR PREMATURE SPALLING, THE CONTRACTOR IS CAUTIONED TO EXERCISE EXTREME CARE WHEN PERFORMING ANY OF THE NECESSARY SAW CUTTING OPERATIONS FOR THE PROPOSED PAVEMENT REMOVAL. ADJACENT PAVEMENT THAT IS CHIPPED OR DAMAGED DUE TO SAW OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S COST IN ACCORDANCE WITH THE PROJECT SPECIFICATION DETAILS FOR STREET EXCAVATION AND PAVEMENT REPLACEMENT. ALL SAW CUTS ADJACENT TO EXISTING PAVEMENT AND CURBS SHALL BE FULL DEPTH.
17.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NOT TO DAMAGE ADJACENT PAVEMENT, SIDEWALKS, DRIVES, MEDIANS, CURBS, STRUCTURES, AND OTHER AREAS NOT DESIGNATED AS PART OF THE PATCHING WORK AREA. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO AREAS NOT DESIGNATED AS PART OF THE PATCHING WORK AT NO COST TO THE OWNER.

UTILITY COORDINATION NOTES:

1.

CONTRACTOR TO POTHOLE EXISTING UTILITIES A MINIMUM OF 3 WEEKS PRIOR TO COMMENCING WORK TO DETERMINE IF ANY CONFLICTS EXIST. THIS IS CONSIDERED INCIDENTAL TO THE PROJECT. IMMEDIATELY REPORT ANY CONFLICTS TO THE ENGINEER.
2.

THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT (800) 292-8989 TO LOCATE EXISTING UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
3.

ANTICIPATED UTILITY CONFLICTS HAVE BEEN IDENTIFIED AND EACH RESPECTIVE UTILITY OWNER HAS BEEN INFORMED OF THE POTENTIAL CONFLICTS. THE CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT SITE.
4.

IF A CONFLICT IS DISCOVERED BY THE CONTRACTOR, NOTIFY THE ENGINEER IMMEDIATELY AND COORDINATE WITH OWNER OF UTILITY TO RESOLVE CONFLICT.
5.

UTILITY CONTACT NUMBERS:

WINDSOR HEIGHTS PUBLIC WORKS	ANDY LARSON (515-314-5690)	
DES MOINES WATER WORKS	CARLA SCHUMACHER (515-323-6227)	CSCHUMACHER@DMWW.COM
MID-AMERICAN ENERGY (ELECTRIC)	SCOTT YOUNG (515-281-2951)	SCOTT.YOUNG@MIDAMERICAN.COM
MID-AMERICAN ENERGY (GAS)	SCOTT YOUNG (515-281-2951)	SCOTT.YOUNG@MIDAMERICAN.COM
MID-AMERICAN ENERGY (ELECTRIC) - EMERGENCY	1-800-799-4443	
MID-AMERICAN ENERGY (GAS) - EMERGENCY	1-800-595-5325	
MEDIACOM	MICHAEL GROFF	MGROFF@MEDIACOMCC.COM
LUMEN	ASHLIE CLEMENTS (906-284-2821)	ASHLIE.CLEMENTS@LUMEN.COM
METRONET	SAMANTHA JORGENSEN (507-473-3401)	SAMANTHA.JORGENSEN@METRONET.COM

PROJECT SCHEDULE

1.

SUBSTANTIAL COMPLETION: 11/27/2026 WORKING DAYS - PHASE 1:
LIQUIDATED DAMAGES: \$500 / CALENDAR
2.

FINAL COMPLETION: 05/29/2027
LIQUIDATED DAMAGES: \$500 / CALENDAR

PROJECT NOTES:

1.

EXISTING SIDEWALKS WITHIN THE PROJECT ARE TO BE PROTECTED AND PEDESTRIAN ACCESS TO ALL ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
2.

CONTRACTOR SHALL STAGE WORK IN A MANNER TO MINIMIZE IMPACT TO RESIDENTS.
3.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONSTRUCTION STAKING IN ACCORDANCE WITH SECTION 11,010 OF THE STANDARD SPECIFICATIONS AND SHALL COMPLY WITH IOWA CODE 355 AND IOWA ADMINISTRATIVE CODE SECTION 193C FOR THE REPLACEMENT OF ALL DISTURBED MONUMENTS WITHIN THE PROJECT AREA.
4.

CONTRACTOR SHALL PROPERLY SECURE PROJECT SITE AT THE END OF EACH DAY.
5.

CONTRACTOR OPERATIONS CREATING OBJECTIONABLE LEVELS OF NOISE SHALL NOT BEGIN PRIOR TO 7:00 AM AND SHALL END PRIOR TO 7:00 PM.
6.

THE CONTRACTOR SHALL LIMIT THEIR ACCESS TO THE PROJECT SITE TO THE STABILIZED ENTRANCE LOCATIONS SHOWN IN THE SWPPP.
7.

ANY TREES SHALL BE REMOVED ONLY BY APPROVAL OF THE ENGINEER.

STORM WATER POLLUTION PREVENTION PLAN NOTES:

1.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DISTURBED AREAS WITHIN THE PROJECT UNTIL STABILIZED. IF UNDESIRABLE VEGETATION IS ESTABLISHED BEFORE THE AREA IS SEEDED/SODDED OR STABILIZED, IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE ALL UNWANTED VEGETATION. FAILURE TO PROVIDE MAINTENANCE WITHIN THREE WORKING DAYS AFTER REQUESTED BY THE ENGINEER, THE WORK MAY BE DONE BY THE JURISDICTION AND THE COST THEREOF CHARGED TO THE CONTRACTOR AND DEDUCTED FROM THEIR FINAL PAYMENT.
2.

ALL DISTURBED AREAS SHALL BE SEEDED AND/OR MULCHED (DEPENDING ON DATE) UPON COMPLETION OF GRADING.
3.

THE CONTRACTOR SHALL LIMIT THEIR ACCESS TO THE PROJECT SITE TO THE STABILIZED ENTRANCE LOCATIONS SHOWN IN THE SWPPP.
4.

CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF IDNR NPDES GENERAL PERMITS #2.
5.

CONTRACTOR SHALL MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY
6.

STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. IN DROUGHT-STRICKEN AREAS AND AREAS THAT HAVE RECENTLY RECEIVED SUCH HIGH AMOUNTS OF RAIN THAT SEEDING WITH FIELD EQUIPMENT IS IMPOSSIBLE AND INITIATING VEGETATIVE STABILIZATION IMMEDIATELY IS INFEASIBLE, ALTERNATIVE STABILIZATION MEASURES MUST BE EMPLOYED AS SPECIFIED BY THE DEPARTMENT. IN LIMITED CIRCUMSTANCES, STABILIZATION MAY NOT BE REQUIRED IF THE INTENDED FUNCTION OF A SPECIFIC AREA OF THE SITE NECESSITATES THAT IT REMAIN DISTURBED.
7.

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
8.

MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE TO PRECIPITATION AND STORM WATER. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE THE EXPOSURE TO PRECIPITATION AND TO STORM WATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSES LITTLE RISK OF STORM WATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE)
9.

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES.
10.

CONCRETE WASHOUTS SHALL BE PROVIDED ON SITE.
11.

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN STABILIZED WITH A PERENNIAL, VEGETATIVE COVER OF SUFFICIENT DENSITY TO PRECLUDE EROSION AT LEAST ONCE EVERY SEVEN CALENDAR DAYS. UNLESS EROSION IS EVIDENT OR OTHER CONDITIONS WARRANT THEM, REGULAR INSPECTIONS ARE NOT REQUIRED ON AREAS THAT HAVE BEEN STABILIZED WITH A PERENNIAL, VEGETATIVE COVER OF SUFFICIENT DENSITY TO PRECLUDE EROSION.
12.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM.
13.

EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
14.

BASED ON THE RESULTS OF THE INSPECTION, POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLANS SHALL BE REVISED AT THE CONSTRUCTION SITE AS APPROPRIATE AS SOON AS PRACTICABLE AFTER THE INSPECTION AND TO THE PLAN AS SOON AS PRACTICABLE AFTER THE INSPECTION BUT IN NO CASE MORE THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. IF THE PERMITTEE DETERMINES THAT MAKING THESE CHANGES AT THE CONSTRUCTION SITE OR TO THE PLAN LESS THAN 72 HOURS AFTER THE INSPECTION IS IMPRACTICABLE, THE PERMITTEE SHALL DOCUMENT IN THE PLAN WHY IT IS IMPRACTICABLE AND INDICATE AN ESTIMATED DATE BY WHICH THE CHANGES WILL BE MADE.
15.

A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS AFTER FINAL STABILIZATION HAS BEEN ACHIEVED AND A NOTICE OF DISCONTINUATION HAS BEEN SUBMITTED TO THE DEPARTMENT.

PAVING NOTES:

1.

A PRE-POUT MEETING SHALL BE CONDUCTED 1 WEEK PRIOR TO EACH PAVING OPERATION.
2.

PAVING SHALL BE COMPLETED IN ACCORDANCE WITH DIVISION 7 OF THE SPECIFICATIONS.
3.

THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE ENGINEER FOR APPROVAL IN ACCORDANCE WITH SECTIONS 1050, 1.05 AND 7010, 1.03 OF THE STANDARD SPECIFICATIONS:

a.

PCC PAVING MIX DESIGN

b.

MATURITY CURVES FOR PAVING MIXES AND MATURITY READING RESULTS
4.

PAVEMENT DESIGN SHALL INCLUDE A MINIMUM STRENGTH OF 4,000 PSI.
5.

QUALITY CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 7010, 3.07 'QUALITY CONTROL' OF THE STANDARD SPECIFICATIONS.
6.

IN ACCORDANCE WITH SECTION 7010, 3.02, K OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL CLEAN AND SEAL ALL JOINTS BEFORE ANY PORTION OF THE NEWLY CONSTRUCTED PAVEMENT IS OPENED TO THE CONTRACTOR'S EQUIPMENT.
7.

THE CONTRACTOR SHALL OPEN NEWLY CONSTRUCTED PAVEMENT TO TRAFFIC IN ACCORDANCE WITH SECTION 7010, 3.05 OF THE STANDARD SPECIFICATIONS. ALL NEWLY CONSTRUCTED PAVEMENT SHALL BE SCRAPED AND SWEPT CLEAN PRIOR TO OPENING TO TRAFFIC.
8.

THE CONTRACTOR SHALL PROTECT PAVEMENT IN ACCORDANCE WITH SECTION 7010, 3.04 OF THE STANDARD SPECIFICATIONS AND SHALL NOT USE NEWLY CONSTRUCTED PAVEMENT AS AN AREA OF STOCKPILING MATERIALS.
9.

DROP CURBS SHALL BE CONSTRUCTED AT INTERSECTIONS FOR PEDESTRIAN RAMPS AND SHALL BE CONSIDERED INCIDENTAL TO PAVING.
10.

PEDESTRIAN RAMPS SHALL INCLUDE "DETECTABLE WARNING" PLATE.
11.

ALL UTILITY FIXTURES (WATER VALVE BOXES, MANHOLES, AND STORM SEWER INTAKES) SHALL BE SET TO THEIR CORRESPONDING PAVEMENT ELEVATIONS.

GRADING NOTES

1.

ALL GRADING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH DIVISION 2 OF THE SPECIFICATIONS.
2.

THE PROPOSED CONTOURS ARE SHOWN ARE TO FINISH GROUND/TOP OF PAVEMENT.
3.

THE CONTRACTOR SHALL SHAPE GRADE AREAS TO MAINTAIN SURFACE DRAINAGE AT ALL TIMES.
4.

THE CONTRACTOR SHALL BACKFILL CURBS AS SOON AS POSSIBLE UPON COMPLETION OF CURB INSTALLATION.
5.

DEWATERING (IF NECESSARY) IS CONTRACTOR'S RESPONSIBILITY AND SHALL BE CONSIDERED INCIDENTAL.
6.

CONTRACTOR SHALL MINIMIZE COMPACTION OF TOPSOIL TO THE EXTENT PRACTICABLE.
7.

CONTRACTOR SHALL USE A DOZER FOR SUBGRADE GRADING AND SUBGRADE PREPARATION.
8.

CONTRACTOR SHALL USE A SHEEPS FOOT ROLL DURING SUBGRADE PREPARATION OPERATIONS.
9.

CONTRACTOR SHALL FILL ALL DIMPLES FROM SHEEPS FOOT ROLLER PRIOR TO PLACING MODIFIED SUBBASE.

PRELIMINARY
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RECORDING PURPOSES OR
IMPLEMENTATION.



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DESIGNED	REV	DESCRIPTION	DATE
PL	A	30% REVIEW PLANS	07-18-2025
DRAWN			
PL			
CHECKED			
JLE			
CLIENT PROJ. NO.			
24X135938			

WINDSOR HIEGHTS, IOWA

74TH STREET IMPROVEMENT

GENERAL NOTES

SHEET

C.01

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ESTIMATED PROJECT QUANTITIES - BASE BID									
ITEM NO.	ITEM CODE	ITEM	UNIT	CITY	AS-BUILT QTY.	DMWW	AS-BUILT QTY.	TOTAL EST. QUANTITY	AS-BUILT QTY.
1	2010-C	CLEARING AND GRUBBING	LS	1		0		1	
2	2010-D-1	TOPSOIL, ON-SITE	CY	700		0		700	
3	2010-E	EXCAVATION, CLASS 10	CY	630		0		630	
4	2010-F	BELOW GRADE EXCAVATION (CORE OUT)	CY	582		0		582	
5	2010-G	SUBGRADE PREPARATION	SY	5820		0		5820	
6	2010-I	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	582		0		582	
7	2010-J	SUBBASE, MODIFIED , 8 INCHES	SY	5820		0		5820	
8	3010-D	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100		0		100	
9	4020-A-1	STORM SEWER, TRENCHED, 15 INCH	LF	847		0		847	
10	4020-A-1	STORM SEWER, TRENCHED, 48 INCH	LF	101		0		101	
11	4020-D	REMOVAL OF STORM SEWER, 48 INCH	LF	100		0		100	
12	4040-A	SUBDRAIN, PERFORATED, 6 INCH	LF	1980		0		1980	
13	4040-C-1	SUBDRAIN CLEANOUT, TYPE A-1, 6 INCH	EA	10		0		10	
14	4040-D-1	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 INCH	EA	10		0		10	
15	SPEC. PROV.	WATER MAIN, TRENCHED, PVC C900 (DR 18), 8 INCH WITH TRACER WIRE	LF	0		1510		1510	
16	SPEC. PROV.	FITTING BY WEIGHT, DUCTILE IRON	LB	0		2140		2140	
17	SPEC. PROV.	WATER SERVICE TRANSFER, COPPER, 1 INCH, SAME SIDE	EA	0		15		15	
18	SPEC. PROV.	WATER SERVICE TRANSFER, COPPER, 1 INCH, OPPOSITE SIDE	EA	0		14		14	
19	SPEC. PROV.	WATER MAIN REMOVAL	LF	0		151		151	
20	SPEC. PROV.	VALVE, GATE, 8 INCH	EA	0		4		4	
21	SPEC. PROV.	FIRE HYDRANT ASSEMBLY	EA	0		5		5	
22	SPEC. PROV.	FLUSHING DEVICE (BLOW OFF), ____ INCH	EA	0		2		2	
23	SPEC. PROV.	VALVE BOX ADJUSTMENT, MINOR	EA	0		1		1	
24	SPEC. PROV.	FIRE HYDRANT ASSEMBLY REMOVAL	EA	0		3		3	
25	SPEC. PROV.	VALVE REMOVAL	EA	0		2		2	
26	SPEC. PROV.	TAP FEE, 1", REPLACE TAP FOR WATER SERVICE	EA	0		29		29	
27	SPEC. PROV.	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EA	0		2		2	
28	6010-B	INTAKE, SW-501	EA	2		0		2	
29	6010-B	INTAKE, SW-505	EA	6		0		6	
30	6010-B	INTAKE, SW-509	EA	2		0		2	
31	6010-E	SANITARY MANHOLE ADJUSTMENT, MINOR	EA	3		0		3	
32	6010-F	SANITARY MANHOLE ADJUSTMENT, MAJOR	EA	1		0		1	
33	6010-H	REMOVE INTAKE	EA	4		0		4	
34	7010-A	PAVEMENT, PCC, 7 INCH	SY	4480		0		4480	
35	7030-A-1	REMOVAL OF SIDEWALK	SY	460		0		460	
36	7030-A-3	REMOVAL OF DRIVEWAY	SY	1070		0		1070	
37	7030-E	SIDEWALK, PCC, 4 INCH	SY	690		0		690	
38	7030-E	SIDEWALK, PCC, 6 INCH	SY	30		0		30	
39	7030-G	DETECTABLE WARNING	SF	36		0		36	
40	7030-H-1	DRIVEWAY, PAVED, PCC, 6 INCH	SY	1020		0		1020	
41	7040-H	PAVEMENT REMOVAL	SY	4190		0		4190	
42	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1		0		1	
43	8040-A	TRAFFIC SIGNS, TYPE A	EA	5		0		5	
44	8040-D	PERFORATED SQUARE STEEL TUBE POSTS	LF	5		0		5	
45	9010-D	WATERING	MGAL	100		0		100	
46	9020-A	SOD	SY	22100		0		22100	
47	9040-A-1	SWPPP PREPARATION	LS	1		0		1	
48	9040-A-2	SWPPP MANAGEMENT	LS	1		0		1	
49	9040-D-1	FILTER SOCK, 9 INCH	LF	2850		0		2850	
50	9040-Q-2	EROSION CONTROL MULCHING, HYDRO MULCHING	AC	1		0		1	
51	9040-T-1	INLET PROTECTION DEVICE, MAINTENCE, AND REMOVAL	EA	18		0		18	
52	9071-A	MODULAR BLOCK RETAINING WALL	SF	190		0		190	
53	11020-A	MOBILIZATION	LS	1		0		1	
54	11030-A	MAINTENANCE OF POSTAL SERVICE	LS	1		0		1	
55	11030-B	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1		0		1	
56	11050-A	CONCRETE WASHOUT	LS	1		0		1	
57	12010-X-X	CURBSIDE MAILBOX	EA	29		0		29	

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DESIGNED	REV	DESCRIPTION	DATE
PL	A	30% REVIEW PLANS	07-18-2025
PL		12/11/2025	
JLE			
CLIENT PROJ. NO.			
24X135938			

WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
QUANTITIES

SHEET
C.02

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ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
1	2010-C	<u>CLEARING AND GRUBBING</u> THIS ITEM SHALL INCLUDE ALL NECESSARY TRIMMING AND CLEARING AND GRUBBING TO COMPLETE CONSTRUCTION. PROTECT ALL TREES NOT MARKED FOR REMOVAL. CONTRACTOR TO DETERMINE ANY AND ALL TRIMMING NEEDS REQUIRED FOR CONSTRUCTION OPERATIONS, INCLUDING ANY REMOVAL AND CLEAN CUTS AND TREATMENT TO ROOTS ENCOUNTERED.
2	2010-D-1	<u>TOPSOIL, ON-SITE</u> TOPSOIL WITHIN THE GRADING LIMITS OF THE PROJECT SHALL BE STRIPPED, SALVAGED, AND RESPREAD AT A MINIMUM DEPTH OF 8". ITEM INCLUDES HAULING OFF-SITE TO STORE AND HAULING BACK IN IF NEEDED. SALVAGED TOPSOIL SHALL REMAIN WITHIN THE RIGHT-OF-WAY UNLESS AGREEMENTS MADE WITH THE PROPERTY OWNER. CONTRACTOR TO PAY FOR RESTORATION COST IF LOCATED OUTSIDE OF THE RIGHT OF WAY. MEASUREMENT WILL NOT BE MADE AND QUANTITY PAID WILL BE ON A PERCENT OF ITEM COMPLETE. STRIP (8" MIN) = 639.50 RESPREAD (1.3 FACTOR) 697.94
3	2010-E	<u>EXCAVATION, CLASS 10</u> THIS ITEM SHALL INCLUDE THE REMOVAL OF EXISTING SOIL, HAULING, DISPOSAL/EXPORT AND RE-GRADING AS PER PLAN TO FACILITATE ALL PROPOSED SECTIONS. ALL BORROW SHALL BE PROVIDED BY THE CONTRACTOR. EXCESS OR UNSUITABLE EXCAVATED MATERIAL WILL BECOME PROPERTY OF THE CONTRACTOR AND WILL BE HAULED OFF-SITE INCIDENTAL TO THE ITEM. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR OVERHAUL OF WASTE. TOPSOIL SHALL BE PLACED AND SPREAD TO A MINIMUM THICKNESS OF 6" IN ALL DISTURBED TURF AREAS AND PAID FOR AS TOPSOIL, ON-SITE. RAW CUT = 795.22 CY, ADJUSTED FILL (1.30 FACTOR) = 167.84 CY, NET CUT = 627.38 CY RAW EARTHWORK QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY ARE A COMPARISON OF EXISTING CONDITIONS AND PROPOSED CONDITIONS AND MAY INCLUDE MATERIALS AND OPERATIONS PAID FOR UNDER OTHER BID ITEMS E.G. PAVEMENT REMOVAL, STORM SEWER TRENCHED, PCC PAVEMENT, SUBBASE, TOPSOIL, COMPOST AMENDMENT, ETC. MEASUREMENT WILL NOT BE MADE AND QUANTITY PAID WILL BE ON A PERCENT OF ITEM COMPLETE.
4	2010-F	<u>BELOW GRADE EXCAVATION (CORE OUT)</u> BID ITEM IS TO ESTABLISH A UNIT PRICE IF UNSUITABLE OR UNSTABLE MATERIAL IS ENCOUNTERED. PAYMENT INCLUDES, BUT IS NOT LIMITED TO, EQUIPMENT, TOOLS, LABOR, DISPOSAL OF UNSUITABLE MATERIALS, DEWATERING, FURNISHING, AND PLACEMENT OF RECYCLED CONCRETE OR MODIFIED OR APPROVED EQUALS AS REQUIRED BY THE ENGINEER, COMPACTION AND FINISHING OF THE EXCAVATED AREA, AND ALL INCIDENTAL WORK AS MAY BE REQUIRED. TO BE USED AS DETERMINED BY ENGINEER.
5	2010-G	<u>SUBGRADE PREPARATION</u> TO BE USED AS APPROVED BY ENGINEER. CONTRACTOR SHALL COMPACT SUBGRADE AND PROOF ROLL. IF SUBGRADE PASSES PROOF ROLL, NO SUBGRADE PREPARATION WILL BE REQUIRED. IF REQUIRED, SUBGRADE PREPARATION MUST BE COMPLETED IN 2' - 6" LIFTS. UNDER PROPOSED PAVEMENT, PLUS 4 FEET ON EACH SIDE. MOISTURE AND DENSITY TESTING WILL BE PROVIDED BY THE OWNER. CHECKING OF SUBGRADE WILL BE PERFORMED WITH THROUGH GRADING STAKES SET 25' APART.
6	2010-I	<u>SUBGRADE TREATMENT, GEOGRID, TYPE 2</u> THIS ITEM WILL BE USED ONLY WHEN THE ENGINEER DETERMINES IT IS REQUIRED TO PROVIDE SUITABLE SUBGRADE. LOCATION(S) OF TREATMENT, IF ANY WILL BE SPECIFIED BY THE ENGINEER. MATERIAL TO HAVE NO CHUNKS LARGER THAN 2 INCHES. HAULING OFF ANY EXCESS MATERIAL GENERATED DURING THE PROCESS SHALL BE CONSIDERED INCIDENTAL. QUANTITY IS ESTIMATED TO ESTABLISH A UNIT PRICE. ONLY QUANTITY APPROVED BY ENGINEER WILL BE PAID.
7	2010-J	<u>SUBBASE, MODIFIED, 8 INCHES</u> THIS ITEM INCLUDES, BUT IS NOT LIMITED TO, COMPACTION OF SUBGRADE, FURNISHING, PLACING, COMPACTING, AND TRIMMING TO THE PROPER GRADE.
8	3010-D	<u>REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL</u> UNSUITABLE BACKFILL MATERIAL SHALL BE REPLACED WITH GRANULAR BACKFILL OR OTHER APPROVED MATERIAL AS APPROVED BY THE ENGINEER. GRANULAR BACKFILL IS INCIDENTAL TO THIS ITEM. THIS ITEM WILL BE PAID BY THE CUBIC YARD - LOOSE VOLUME. NO RECYCLED CONCRETE OR RIP RAP ALLOWED. QUANTITY IS ESTIMATED TO ESTABLISH A UNIT PRICE, ONLY QUANTITY APPROVED BY THE ENGINEER WILL BE PAID.
9	4020-A-1	<u>STORM SEWER, TRENCHED, 15 INCH</u> STORM PIPE SHALL BE REINFORCED CONCRETE PIPE OR POLYPROPYLENE. INCLUDES FLEXIBLE GASKET JOINTS AT WATERMAIN CROSSINGS. VIDEO INSPECTION TO OCCUR PRIOR TO PAVING PER SUDAS 4060. POLYPROPYLENE STORM SEWER PIPE SHALL MEET SUDAS STANDARD SPECIFICATIONS, SECTION 4020, 2.01 - L AND SHALL BE INSTALLED IN ACCORDANCE WITH SUDAS FOLLOWING FIGURE 3010.103 (SW-103), FLEXIBLE GRAVITY PIPE TRENCH BEDDING, POLYPROPYLENE PIPE, CLASS F-2 BEDDING. CONCRETE PIPE BEDDING SHALL BE CLASS R-2.
10	4020-A-1	<u>STORM SEWER, TRENCHED, 48 INCH</u> SEE BID ITEM #9
11	4020-D	<u>REMOVAL OF STORM SEWER, 48 INCH</u> UNIT PRICE INCLUDES, REMOVAL, DISPOSAL, AND FURNISHING, PLACING AND COMPACTING BACKFILL MATERIAL.

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
12	4040-A	<u>SUBDRAIN, PERFORATED, 6 INCH</u> THIS ITEM INCLUDES, BUT IS NOT LIMITED TO, TRENCH EXCAVATION, FURNISHING AND PLACEMENT OF BEDDING AND BACKFILL MATERIAL, ENGINEERING FABRIC, CONNECTORS, AND ELBOWS AND TEES. THE LENGTH OF ELBOWS AND TEES OF THE PIPE INSTALLED WILL BE INCLUDED IN THE LENGTH OF PIPE MEASURED. POTHOLE FOR ALL EXISTING UTILITIES PRIOR TO SUBDRAIN INSTALLATION TO DETERMINE WHERE SUBDRAIN CAN BE PLACED. POTHOLING SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.
13	4040-C-1	<u>SUBDRAIN CLEANOUT, TYPE A-1, 6 INCH</u> UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, TRENCH EXCAVATION; FURNISHING CLEANOUT AND LID; AND FURNISHING, PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL.
14	4040-D-1	<u>SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 INCH</u> UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, PIPE, NON-SHRINK GROUT, COUPLING BANDS, AND RODENT GUARD FOR PIPES 6 INCHES OR SMALLER.
15	SPEC. PROV.	<u>WATER MAIN, TRENCHED, PVC C900 (DR 18), 8 INCH WITH TRACER WIRE</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO INSTALL C900 PVC PIPE OF SPECIFIED SIZE, TYPE, AND RESTRAINT IN AN OPEN TRENCH. CONTRACTOR'S EXCAVATION WILL BE IN ACCORDANCE WITH DES MOINES WATER WORK (DMWW) RULES AND REGULATIONS LOCATED AT WWW.DMWW.COM AND OSHA REQUIREMENTS. WORK INCLUDES, BUT IS NOT LIMITED TO, TRENCH EXCAVATION AND SHORING, UTILITY LOCATION AND PROTECTION, DEWATERING, FURNISHING AND INSTALLING PIPE, PLACING AND COMPACTING BEDDING AND BACKFILL MATERIAL, FURNISHING AND INSTALLING TRACER SYSTEM, PRESSURE TESTING, AND DISINFECTION OF ALL IN ACCORDANCE WITH CHAPTER TWO DETAILED SPECIFICATIONS. THE ENGINEER WILL MEASURE THE LENGTH OF PIPE INSTALLED. THE CONTRACTOR WILL BE PAID UNIT PRICE OF THE NEAREST 0.1 FOOT OF PVC PIPE INSTALLED AS MEASURED. DES MOINES WATER WORKS SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY SHUTDOWN. DES MOINES WATER WORKS SHALL OPERATE ALL EXISTING VALVES. THE CONTRACTOR SHALL NOT OPERATE EXISTING VALVES. A MINIMUM OF 24 HOURS NOTICE SHALL BE GIVEN TO THE AFFECTED PROPERTIES INCLUDING DOOR TO DOOR COMMUNICATIONS AND DOOR KNOCKERS LEFT BEHIND. A MAXIMUM OF 2 HOURS OF SHUTDOWN FOR ANY SINGLE BUILDING WILL BE ALLOWED WHEN SWITCHING A SERVICE TO THE NEW WATER MAIN.
16	SPEC. PROV.	<u>FITTING BY WEIGHT, DUCTILE IRON</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO INSTALL DI FITTINGS OF SPECIFIED SIZE AND TYPE INCLUDING EXCAVATION, PIPE BEDDING, POLYETHYLENE ENCASEMENT, THRUST RESTRAINT, TRACER WIRE SYSTEM, BACKFILL, COMPACTION, PRESSURE TESTING, AND DISINFECTION, ALL IN ACCORDANCE WITH CHAPTER TWO DETAILED SPECIFICATIONS. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE PER POUND FOR EACH FITTING INSTALLED. DETERMINATION OF THE TOTAL WEIGHT OF FITTINGS, IN POUND, SHALL BE BASED ON THE STANDARD FITTING WEIGHTS PUBLISHED IN AWWA C153 FOR DUCTILE IRON COMPACT FITTINGS.
17	SPEC. PROV.	<u>WATER SERVICE TRANSFER, COPPER, 1 INCH, SAME SIDE</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO PREPARE EXCAVATION FOR THE TAP AND TO INSTALL NEW 1-INCH WATER SERVICE USING CUT METHOD FROM THE NEW WATER MAIN CONNECTION TO THE EXISTING WATER SERVICE ON THE BUILDING SIDE OF THE NEW STOP BOX IN ACCORDANCE WITH DMWW RULES AND REGULATIONS LOCATED AT WWW.DMWW.COM. A.Y MCDONALD CURB STOP RECEPTACLE #5369 SHALL BE USED FOR CURB STOP WITH IN SIDEWALK OR DRIVEWAYS. WORK INCLUDES, BUT IS NOT LIMITED TO, CORPORATION ELBOW, COPPER PIPE, NEW CURB STOP AND STOP BOX, AND COUPLINGS NEEDED TO CONNECT TO EXISTING SERVICE. WORK ALSO INCLUDES EXCAVATION WITH SHORING IN ACCORDANCE WITH DMWW RULES AND REGULATIONS AND OSHA REQUIREMENTS, BACKFILL, COMPACTION AND SURFACE RESTORATION. CONTRACTOR IS REQUIRED TO COMPACT BACKFILL IN TAP HOLE AND TRENCH USING APPROPRIATELY SIZED EQUIPMENT TO OBTAIN REQUIRED COMPACTION, INCLUDING HANDHELD COMPACTION DEVICES. COST FOR REPLACEMENT OF UNSUITABLE BACKFILL WILL BE PAID BY THE CONTRACTOR. A MAXIMUM OF 2 HOURS OF SHUTDOWN FOR ANY SINGLE BUILDING WILL BE ALLOWED WHEN SWITCHING A SERVICE TO THE NEW WATER MAIN.
18	SPEC. PROV.	<u>WATER SERVICE TRANSFER, COPPER, 1 INCH, OPPOSITE SIDE</u> SEE BID ITEM #17
19	SPEC. PROV.	<u>WATER MAIN REMOVAL</u> EXISTING PIPE SHALL NOT BE REMOVED UNTIL NEW WATERMAIN INSTALLATION IS ACCEPTED AS COMPLETE BY DMWW.
20	SPEC. PROV.	<u>VALVE, GATE, 8 INCH</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO INSTALL VALVE OF SPECIFIED SIZE AND TYPE WITH VALVE JOINTS, RETAINER GLANDS, VALVE BOXES, VALVE BOX ADAPTER, TRACER WIRE, POLYETHYLENE ENCASEMENT MATERIAL AND THRUST RESTRAINT INCLUDING EXCAVATION, PIPE BEDDING, BACKFILL, COMPACTION, PRESSURE TESTING AND DISINFECTION, ALL ACCORDANCE WITH CHAPTER TWO DETAILED SPECIFICATIONS.

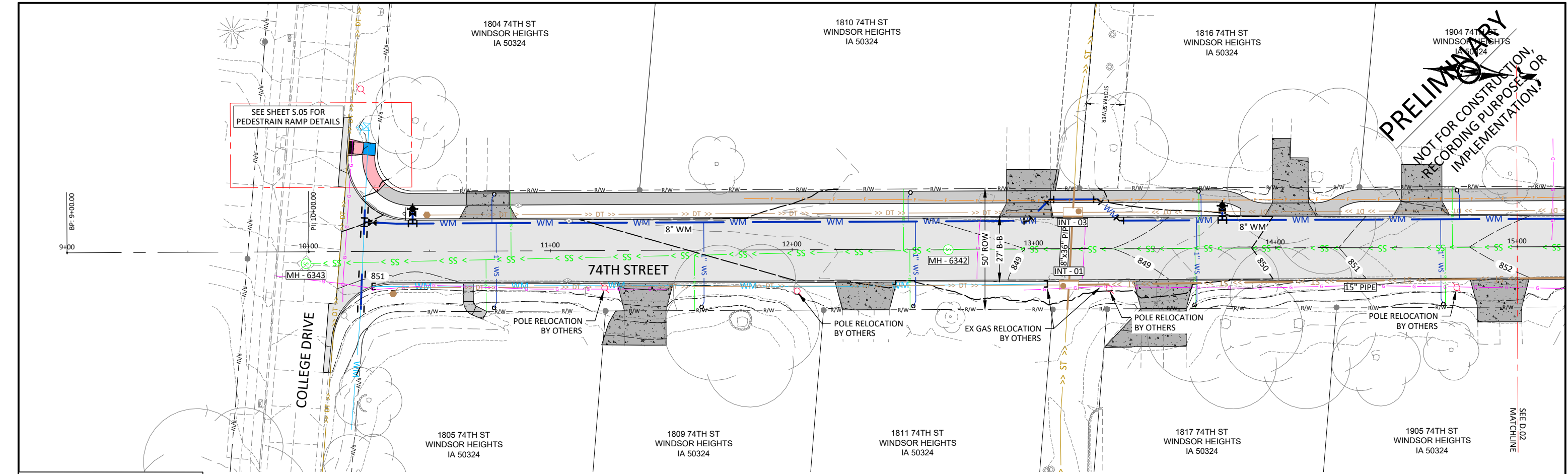
ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
21	SPEC. PROV.	<u>FIRE HYDRANT ASSEMBLY</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO INSTALL FIRE HYDRANT, MECHANICAL JOINT BY ANCHOR JOINT (MJ X ANCHOR JOINT), 6-INCH VALVE, VALVE BOX, VALVE BOX ADAPTER, 6-INCH DUCTILE IRON CAST IRON JOINT PIPING AS REQUIRED, FITTINGS AS REQUIRED TO COMPLETE CONNECTION. BONDING CABLES, POLYETHYLENE ENCASEMENT, THURST BLOCK, TO BE USED WITH SYSTEM WITH RECEPTACLE POST INCLUDING EXCAVATION, BACKFILL, COMPACTION, PRESSURE TESTING AND DISINFECTION, ALL IN ACCORDANCE WITH CHAPTER TWO DETAILED SPECIFICATIONS. THE ENGINEER WILL COUNT THE NUMBER OF FIRE HYDRANTS INSTALLED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR EACH FIRE HYDRANT INSTALLED.
22	SPEC. PROV.	<u>FLUSHING DEVICE (BLOW OFF), _____ INCH</u>
23	SPEC. PROV.	<u>VALVE BOX ADJUSTMENT, MINOR</u>
24	SPEC. PROV.	<u>FIRE HYDRANT ASSEMBLY REMOVAL</u>
25	SPEC. PROV.	<u>VALVE REMOVAL</u>
26	SPEC. PROV.	<u>TAP FEE, 1", REPLACE TAP FOR WATER SERVICE</u> PLUMBER'S PERFORMING WATER SERVICE INSTALLATION ARE REQUIRED TO SCHEDULE TAP BY CALLING DMWW CUSTOMER SERVICE 24 HOURS PRIOR TO TAP AT 515-283-8700. CONTRACTOR WILL PAY TAP FEE. CONTRACTOR'S PLUMBING MUST NOT HAVE PAST DUE ACCOUNTS WITH DMWW AT TIME OF TAP REQUEST OR THE TAPP WILL BE DENIED. PLUMBER WILL BE REQUIRED TO SUPPLY A SURETY BOND WITH A MINIMUM VALUE OF \$20,000 (BOND MUST BE UPDATED YEARLY UNLESS IT IS A CONTINUOUS BOND). PLUMBER WILL PROVIDE PLUMBING PERMIT NUMBER FROM THE CITY OR COUNTY WHERE PROJECT IS LOCATED AND PROPERTY ADDRESS WHERE REPLACEMENT TAPS ARE REQUIRED. THE ENGINEER WILL COUNT THE NUMBER OF 1-INCH REPLACEMENT TAPS. THE CONTRACTORS WILL BE PAID THE CONTRACT UNIT PRICE FOR EACH 1-INCH REPLACEMENT TAP.
27	SPEC. PROV.	<u>PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE</u> PROVIDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO PREPARE EXCAVATION FOR INSTALLATION OF THE TAPPING SLEEVE AND VALVE BY DMWW. WORK INCLUDES, BUT IS NOT LIMITED TO, EXCAVATION, SHORING, AND CLEANING THE MAIN PRIOR TO TAPPING, POLYETHYLENE ENCASEMENT, THRUST BLOCKING, SETTING OF THE VALVE BOX WITH VALVE ADAPTER, BACKFILL, AND COMPACTION. DMWW ENGINEERING TECHNICIAN WILL SCHEDULE TAP AND WILL REQUEST TAPPING FEE BE CHARGED TO DMWW ENGINEERING PROJECT NUMBER. TAPPING FEE WILL BE PAID BY DMWW. TAPPING SLEEVE AND VALVE WILL BE PROVIDED AND INSTALLED BY DMWW. CONTRACTOR WILL HAVE EXCAVATION PREPARED AND PROPERLY SHORED IN ADVANCE OF SCHEDULED TAP IN ACCORDANCE WITH DMWW RULES AND REGULATION LOCATED AT WWW.DMWW.COM AND OSHA REQUIREMENTS. THE ENGINEER WILL COUNT THE NUMBER OF EXCAVATIONS COMPLETED. THE CONTRACTOR WILL BE PAID THE CONTRACT UNIT PRICE FOR THE NUMBER OF EXCAVATIONS.
28	6010-B	<u>INTAKE, SW-501</u> INTAKES MAY BE CAST IN PLACE, PRECAST OR ADS NYLOPLAST EQUIVALENT STRUCTURES. ADJUSTING RINGS TO BE CRETEX PRO-RINGS OR APPROVED EQUAL. IF NYLOPLAST STRUCTURES ARE USED, THE CONTRACTOR IS TO PROVIDE DOCUMENTATION OF PREVIOUS INSTALLATION OR COORDINATE TO HAVE SOME FROM ADS PRESENT DURING THE FIRST 3 INSTALLTION OF STRUCTURES.
29	6010-B	<u>INTAKE, SW-505</u> SEE BID ITEM #28
30	6010-B	<u>INTAKE, SW-509</u> SEE BID ITEM #28
31	6010-E	<u>SANITARY MANHOLE ADJUSTMENT, MINOR</u> SEE M SHEETS FOR LOCATION, ADJUSTMENT NEEDS, AND MODIFICATION NEEDS. CASTING TO BE TYPE B THREE-PIECE FLOATING CASTINGS WITH HEIGHT ADJUSTMENT MECHANISM AND "SANITARY SEWER" STAMPED ON LID. MANUFACTURER TO BE NEENAH, EAST JORDAN, DETER OR APPROVED EQUAL. ADJUSTING RINGS TO BE CRETEX PRO-RING OR APPROVED EQUAL. NEW INTERNAL CHIMNEY SEALS TO BE INCLUDED.
32	6010-F	<u>SANITARY MANHOLE ADJUSTMENT, MAJOR</u> SEE BID ITEM #31
33	6010-H	<u>REMOVE INTAKE</u> UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF CASTING, CONCRETE, AND REINFORCEMENT; PLUGGING PIPES; FILLING REMAINING STRUCTURE WITH FLOWABLE MORTAR; AND PLACING COMPACTED FILL OVER STRUCTURE TO FINISHED GRADE.
34	7010-A	<u>PAVEMENT, PCC, 7 INCH</u> UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FINAL TRIMMING OF SUBGRADE OR SUBBASE, INTEGRAL CURB, BARS AND REINFORCEMENT, JOINTS AND SEALING, SURFACE CURING AND PAVEMENT PROTECTION, SAFETY FENCING, CONCRETE FOR RIGID HEADERS, BOXOUTS FOR FIXTURES, AND QUALITY CONTROL FOR STRINGLESS PAVING. CONCRETE WILL BE C MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SLAG IS NOT ALLOWED.

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ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
35	7030-A-1	REMOVAL OF SIDEWALK ALL REMOVALS TO BE MARKED AND MEASURED BY THE ENGINEER. FULL DEPTH SAW CUTS ALONG THE REMOVAL LIMITS ARE INCIDENTAL TO THIS ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL REMOVAL, EARTHWORK, SUBGRADE PREPARATION, MODIFIED SUBBASE AND PAVING EXPENSES DUE TO DAMAGED EDGES. ADDITIONAL REMOVAL TO BE DETERMINED BY ENGINEER. PAYMENT SHALL BE MADE FOR THE AREA OF PAVEMENT REMOVED REGARDLESS OF THICKNESS.
36	7030-A-3	REMOVAL OF DRIVEWAY SEE BID ITEM #35
37	7030-E	SIDEWALK, PCC, 4 INCH UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, MINOR GRADE ADJUSTMENTS AT DRIVEWAYS AND OTHER INTERSECTIONS, SUBGRADE PREPARATION, FORMWORK, ADDITIONAL THICKNESS AT THICKENED EDGES, JOINTING, SAMPLING, SLOPE AND SMOOTHNESS TESTING AND CORRECTION, AND TESTING. CONCRETE WILL BE C OR M MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SLAG IS NOT ALLOWED. COMPACTION OF SUBGRADE IS INCIDENTAL TO THIS ITEM.
38	7030-E	SIDEWALK, PCC, 6 INCH SEE BID ITEM #37
39	7030-G	DETECTABLE WARNING DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG STANDARDS.
40	7030-H-1	DRIVEWAY, PAVED, PCC, 6 INCH CONCRETE WILL BE C OR M MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. SLAG IS NOT ALLOWED. COMPACTION OF SUBGRADE IS INCIDENTAL TO THIS ITEM. CONCRETE TESTING WILL BE PROVIDED BY THE OWNER. NO EXTRA PAYMENT FOR COLD WEATHER PAVING.
41	7040-H	PAVEMENT REMOVAL UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO , SAWING , BREAKING, REMOVING, AND DISPOSING OF EXISTING PAVEMENT AND REINFORCING STEEL REGARDLESS OF PAVEMENT THICKNESS AND TYPE. ALL REMOVALS TO BE MARKED AND MEASURED BY THE ENGINEER. SEE B SHEETS FOR EXISTING PAVEMENT TYPICAL SECTIONS. EXISTING PAVEMENT DEPTHS AND TYPES MAY VARY.
42	8030-A	TEMPORARY TRAFFIC CONTROL LUMP SUM PRICES INCLUDES, BUT IS NOT LIMITED TO, INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY TRAFFIC CONTROL; TOTAL ROADWAY CLOSURES WITH INSTALLATION AND REMOVAL OF DETOUR SIGNING AS SHOW IN THE CONTRACT DOCUMENTS; REMOVAL AND REINSTALLATION OR COVERING OF PERMANENT TRAFFIC CONTROL DEVICES THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL PLAN; MONITORING AND DOCUMENTING TRAFFIC CONTROL CONDITIONS; AND FLAGGERS , WHEN REQUIRED IN THE CONTRACT DOCUMENTS. THE FOLLOWING ARE ALSO INCLUDED IN TRAFFIC CONTROL UNLESS A SEPERATED BID ITEM IS PROVIDED: PORTABLE DYNAMIC MESSAGE SIGNS, TEMPORARY BARRIER RAIL, TEMPORARY FLOOD LIGHTNING, AND PILOT CARS. INCIDENTAL TO THIS ITEM IS REMOVAL OF EXISTING STREET SIGNS NOT TO REMAIN.
43	8040-A	TRAFFIC SIGNS, TYPE A UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, THE SIGN BLANK, APPLICATION OF REFLECTIVE SHEETING, APPLICATION OF SCREENED MESSAGE, ALL MOUNTING HARDWARE, AND ERECTING THE SIGN. NEW STREET NAME SIGNS SHALL MATCH EXISTING.
44	8040-D	PERFORATED SQUARE STEEL TUBE POSTS UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO , FABRICATING, FURNISHING, AND ERECTING THE POST AND OTHER DETAILS REQUIRED TO PROVIDE A COMPLETE INSTALLATION.
45	9010-D	WATERING THIS ITEM IS ADDITIONAL WATERING OF SOD ABOVE AND BEYOND THE WATERING SPECIFIED AND INCLUDED IN THE SOD BID ITEM PER SUDAS. ONLY TO BE USED AFTER THE MAINTENANCE PERIOD (30 DAYS). APPLY WATER UNIFORMLY AND CONSISTENTLY ON ALL SODDED AREAS. ACTUAL WATERING QUANTITIES DEPEND UPON WEATHER CONDITIONS DURING THIS PERIOD, AN ADDITIONAL 30 DAYS OR AS REQUESTED BY ENGINEER. CONTRACTOR TO PROVIDE QUANTITY AFTER EACH WATERING.
46	9020-A	SOD THIS ITEM INCLUDED, BUT IS NOT LIMITED TO, THE PREPARATION OF SOD AND SOD BED, STAKES, FERTILIZING, WATERING, MAINTENANCE, AND CLEAN-UP. MAINTENANCE PERIOD WILL BEGIN FLOWING THE INSTALLATION OF SOD FOR AN ENTIRE STAGE AND CONTINUE FOR A PERIOD OF 30 DAYS. AERATING THE SOD BED SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM ALONG ADJUSTMENT OF CURB STOPS TO FINISH GRADE. ALL DAMAGED CURB STOPS SHALL BE REPLACED AT THE COST OF THE CONTRACTOR.
47	9040-A-1	SWPPP PREPARATION DEVELOPMENT OF A SWPPP BY THE CONTRACTOR MEETING LOCAL AND STATE AGENCY REQUIREMENTS, FILING THE REQUIRED PUBLIC NOTICES, FILING A NOTICE OF INTENT FOR COVERAGE OF THE PROJECT UNDER THE IOWA DNR NPDES GENERAL PERMIT NO. 2, AND PAYMENT OF ASSOCIATED NPDES PERMIT FEES.

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
48	9040-A-2	SWPPP MANAGEMENT THIS ITEM INCLUDES, BUT IS NOT LIMITED TO , ALL WORK REQUIRED TO COMPLY WITH THE ADMINISTRATIVE PROVISIONS OF THE IOWA DNR NPDES GENERAL PERMIT NO. 2; INCLUDING RECORD KEEPING, DOCUMENTATION, UPDATING THE SWPPP, FILING THE NOTICE OF DISCONTINUATION, ETC. ITEM ALSO INCLUDES WEEKLY INSPECTIONS REQUIRED TO SATISFY THE PROVISIONS OF GENERAL PERMIT NO. 2, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
49	9040-D-1	FILTER SOCK, 9 INCH UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, ANCHORING STAKES, RESTORATION OF THE AREA TO FINISHED GRADE AND OFF-SITE DISPOSAL OF FILTER SOCKS AND ACCUMULATED SEDIMENT.
50	9040-Q-2	EROSION CONTROL MULCHING, HYDRO MULCHING UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, FURNISHING MULCH AND TACKIFIER (IF APPLICABLE), PROVIDING EQUIPMENT SPECIFIC TO HYDROMULCHING, AND APPLYING THE MULCH TO THE SPECIFIED AREA. THIS ITEM SHALL ONLY BE USED FOR TEMPORARY EROSION CONTROL OR AS DIRECTED BY ENGINEER.
51	9040-T-1	INLET PROTECTION DEVICE, MAINTENCE, AND REMOVAL UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF THE DEVICE UPON COMPLETION OF THE PROJECT. THIS TIEM SHALL BE USED ON STORM SEWER CURB INLET STRUCTURES. INSPECTION SHALL MEET THE REQUIREMENTS AS SET FORTH IN THE NPDES GENERAL PERMIT NO.2 AND SHALL BE THE RESPONSIBLTY OF THE CONTRACTOR ALONG THE INSTALLATION, MAINTENANCE, AND REMOVAL OF DEVICE.
52	9071-A	MODULAR BLOCK RETAINING WALL UNIT PRICE INCLUDES, BUT IS NOT LIMITED TO, EXCAVATION, FOUNDATION PREPARATION, FURNISHING AND PLACING WALL UNITS, GEOGRID (IF NECESSARY), LEVELING PAD, SUBDRAIN, POROUS BACKFILL MATERIAL FOR SUBDRAIN, ENGINEERING FABRIC FOR SUBDRAIN, GRANULAR BACKFILL MATERIAL, AND SHORING AS NECESSARY. CONTRACTOR TO PROVIDE COOLOR OPTIONS PRIOR TO ORDERING MATERIAL FOR ENGINEERS APPROVAL.
53	11020-A	MOBILIZATION THIS ITEM IS FOR ALL PREPARATORY WORK AND COSTS INCURRED BEFORE BEGINNING THE WORK ON THE PROJECT AND DURING THE PROJECT. THIS ITEM SHALL ALSO INCLUDE THE COSTS FOR ANY STAGED CONSTRUCTION AND EQUIPMENT SET UP TO COMPLETE THE WORK. NO CHANGE IN THE CONTRACT PRICE WILL BE MADE FOR ANY CHANGE IN STAGING OR COMBINATION THEROF.
54	11030-A	MAINTENANCE OF POSTAL SERVICE COORDINATE WITH USPS AND PROPERTY OWNER FOR TEMPORARY MAILBOX LOCATION WHEN NECESSARY. ENSURING MAIL SERVICE IS MAINTAINED THROUGHOUT THE PROJECT.
55	11030-B	MAINTENANCE OF SOLID WASTE COLLECTION CONTRACTOR SHALL COORDINATE WITH WASTE COLLECTION SERVICE TO ENSURE SERVICE IS MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT INCLUDING RECYCLE, YARD WASTE, CURB PICKUP ITEMS (WITH APPROPRIATE STICKERS), DUMPSTERS. LABEL ALL BINS WITH ADDRESS BY REMOVABLE MEANS. COORDINATE DUMPSTER PICK UP WITH OWNER AND HAULER AND MOVE DUMPSTER AS REQUIRED TO KEEP SCHEDULED PICK UP TIMES OR ARRANGE FOR OTHER PICK METHODS. AN ONSITE DUMPSTER MAY BE UTILIZED FOR GARBAGE AND RECYCLING.
56	11050-A	CONCRETE WASHOUT LUMP SUM PRICES INCLUDES, BUT IS NOT LIMITED TO, PROVIDING CONCRETE WASHWATER CONTAINMENT, COLLECTION, AND DISPOSAL.
57	12010-X-X	CURBSIDE MAILBOX THIS ITEM INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF EXISTING POST, SALVAGING EXISTING MAILBOX, EXCAVATION FOR POST, A NEW 4"x4" POST, AND INSTALLATION OF SALVAGED MAILBOX. COORDINATED WITH THE LOCAL POSTMASTER AND USPS WEBSITE FOR GUIDANCE ON MAIL BOX INSTALLATION. CONTRACTOR RESPONSIBLE FOR DAMAGED MAILBOX DURING STORAGE AND SHALL REPLACE AT NO EXPENSE TO OWNER.

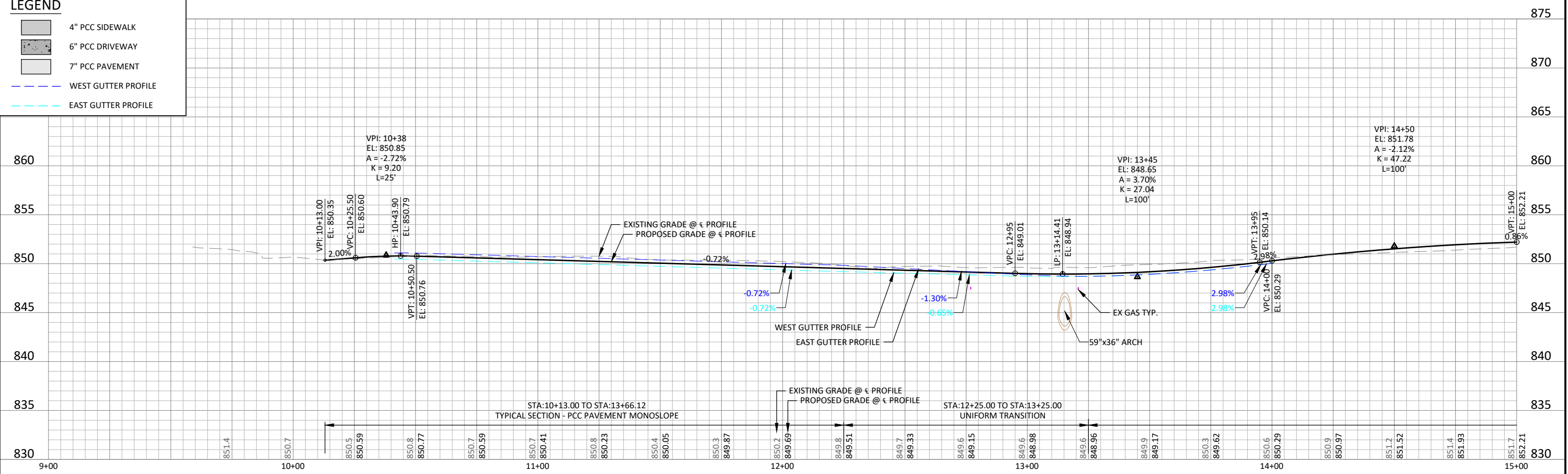
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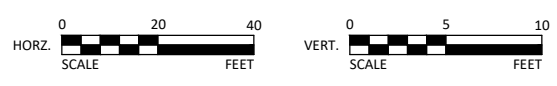
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LEGEND

- 4" PCC SIDEWALK
- 6" PCC DRIVEWAY
- 7" PCC PAVEMENT
- WEST GUTTER PROFILE
- EAST GUTTER PROFILE



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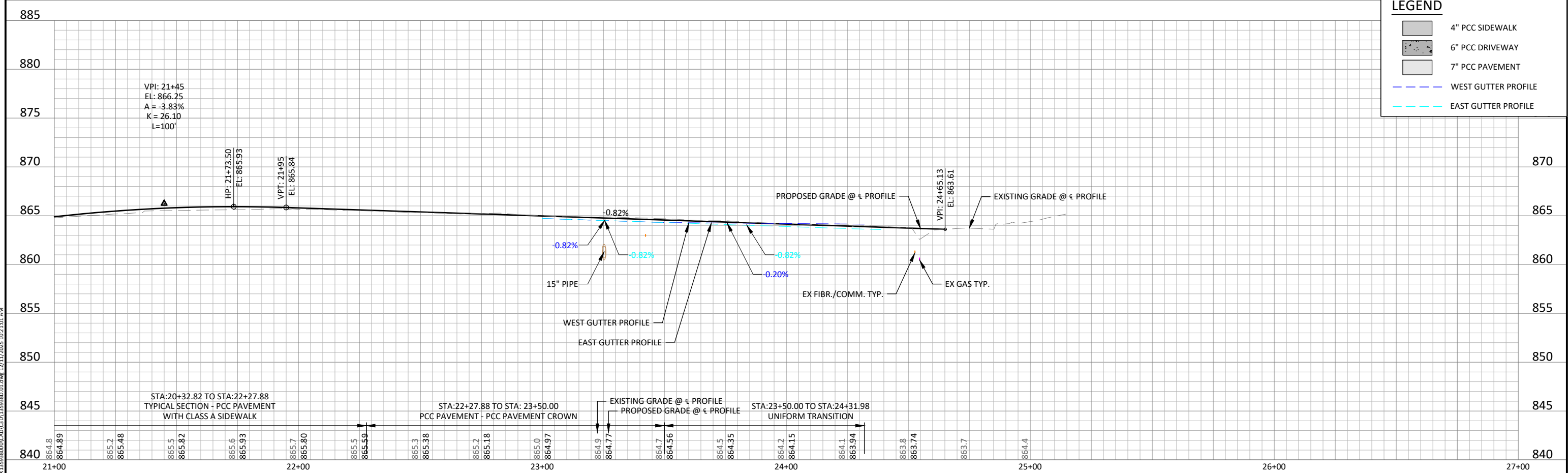
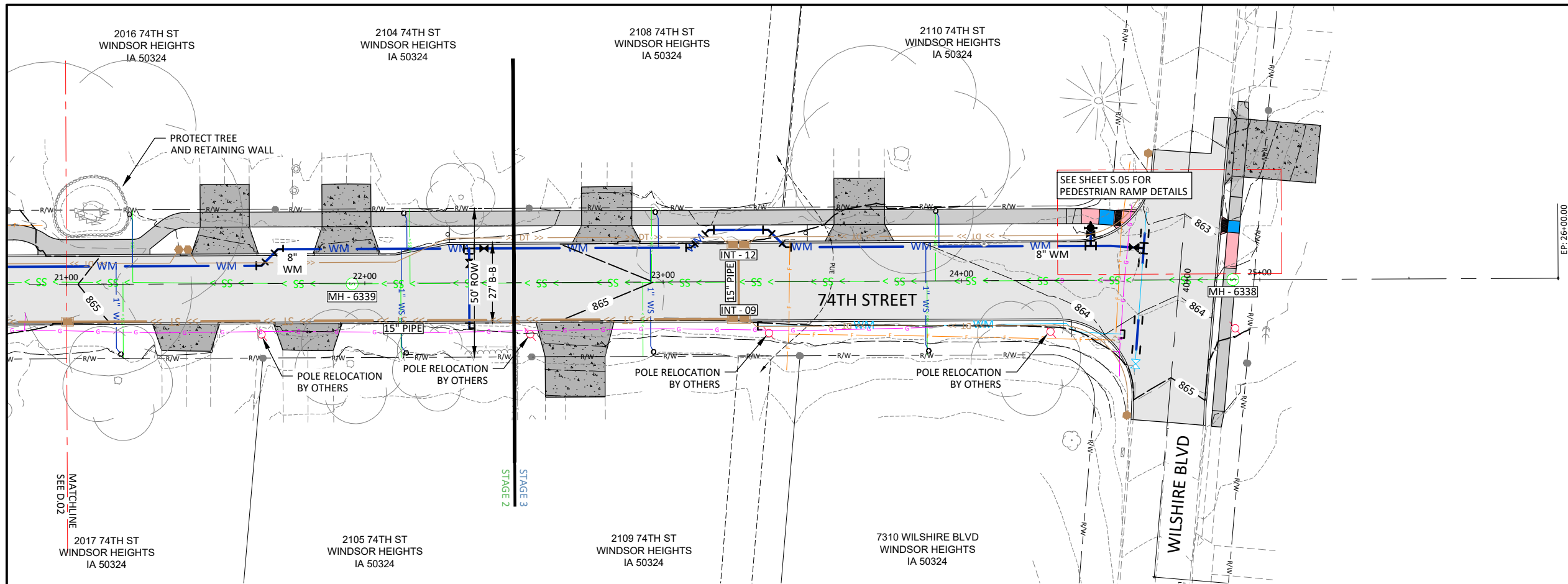
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DESIGNED	PL	REV	DESCRIPTION	DATE
DRAWN	PL	A	30% REVIEW PLANS	07-18-2025
CHECKED	JLE		12/11/2025	
CLIENT PROJ. NO.	24X135938			

WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
PLAN & PROFILE - 74TH STREET

SHEET
D.01

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LEGEND

- 4" PCC SIDEWALK
- 6" PCC DRIVEWAY
- 7" PCC PAVEMENT
- WEST GUTTER PROFILE
- EAST GUTTER PROFILE

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HORZ. SCALE
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VERT. SCALE
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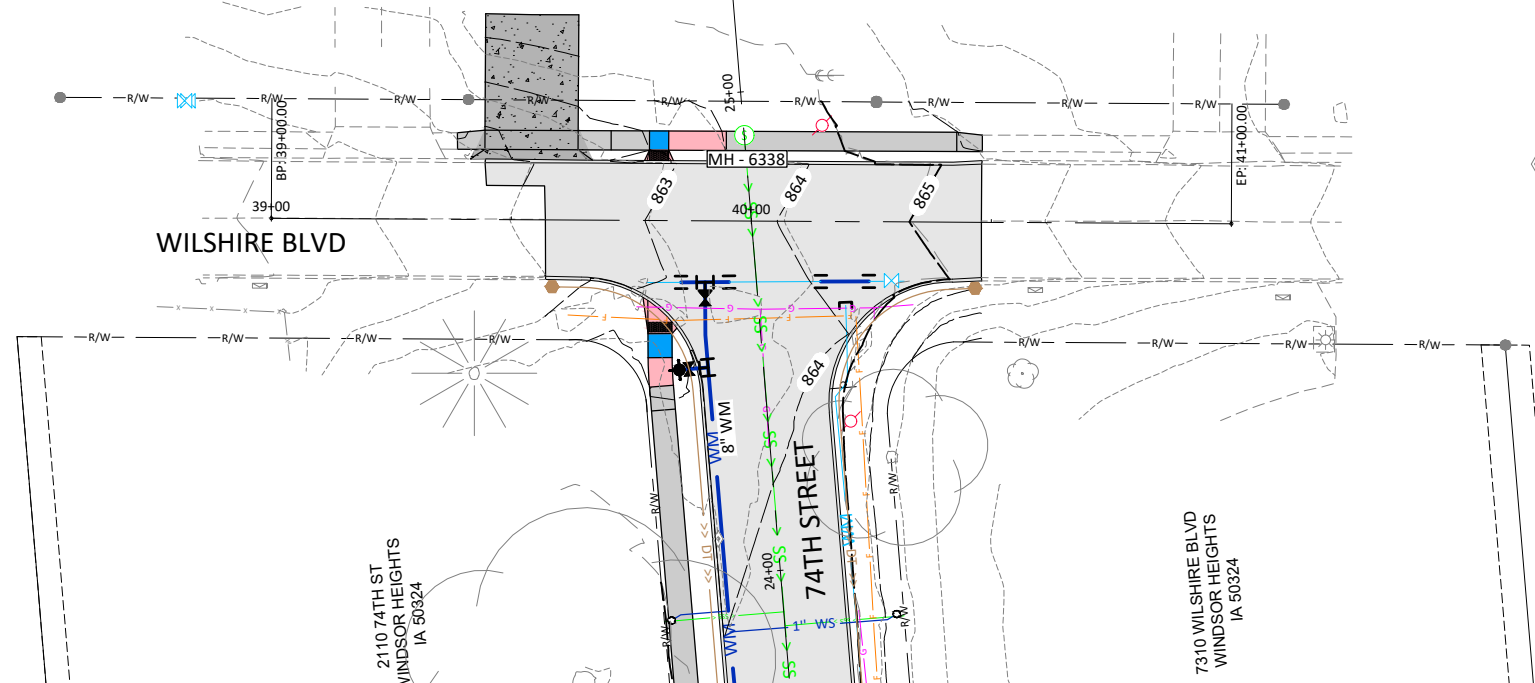
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
PLAN & PROFILE - 74TH STREET

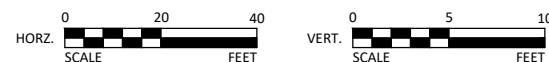
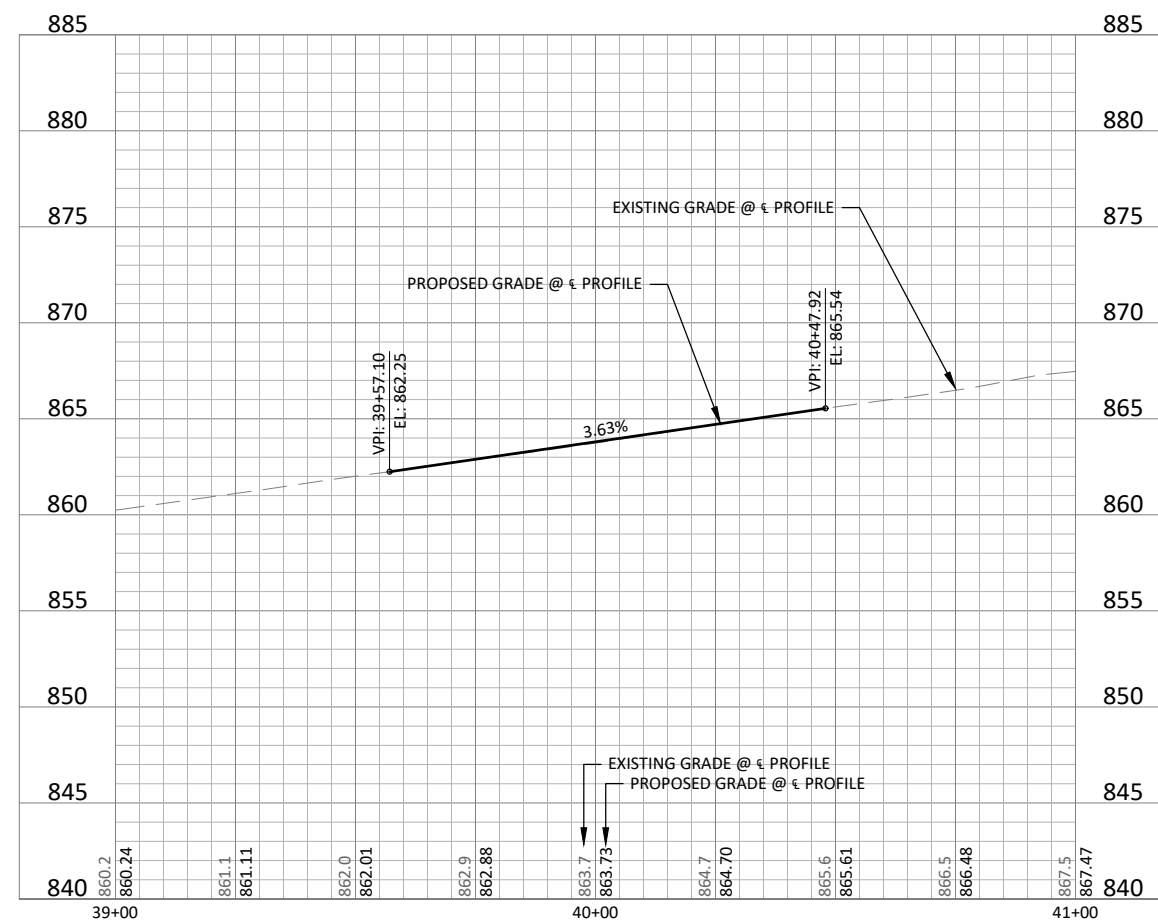
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D.03

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LEGEND

- 4" PCC SIDEWALK
- 6" PCC DRIVEWAY
- 7" PCC PAVEMENT
- WEST GUTTER PROFILE
- EAST GUTTER PROFILE

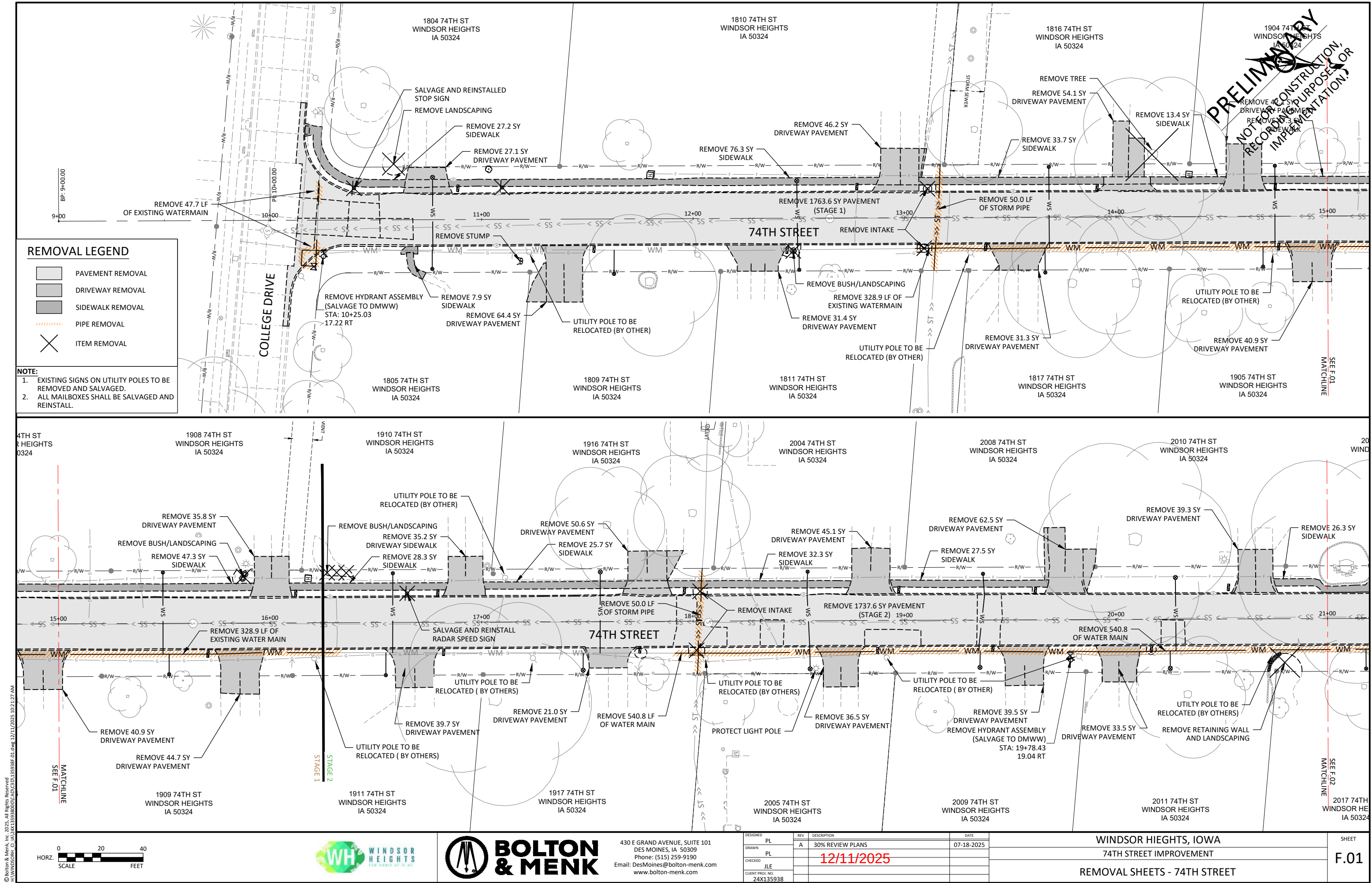


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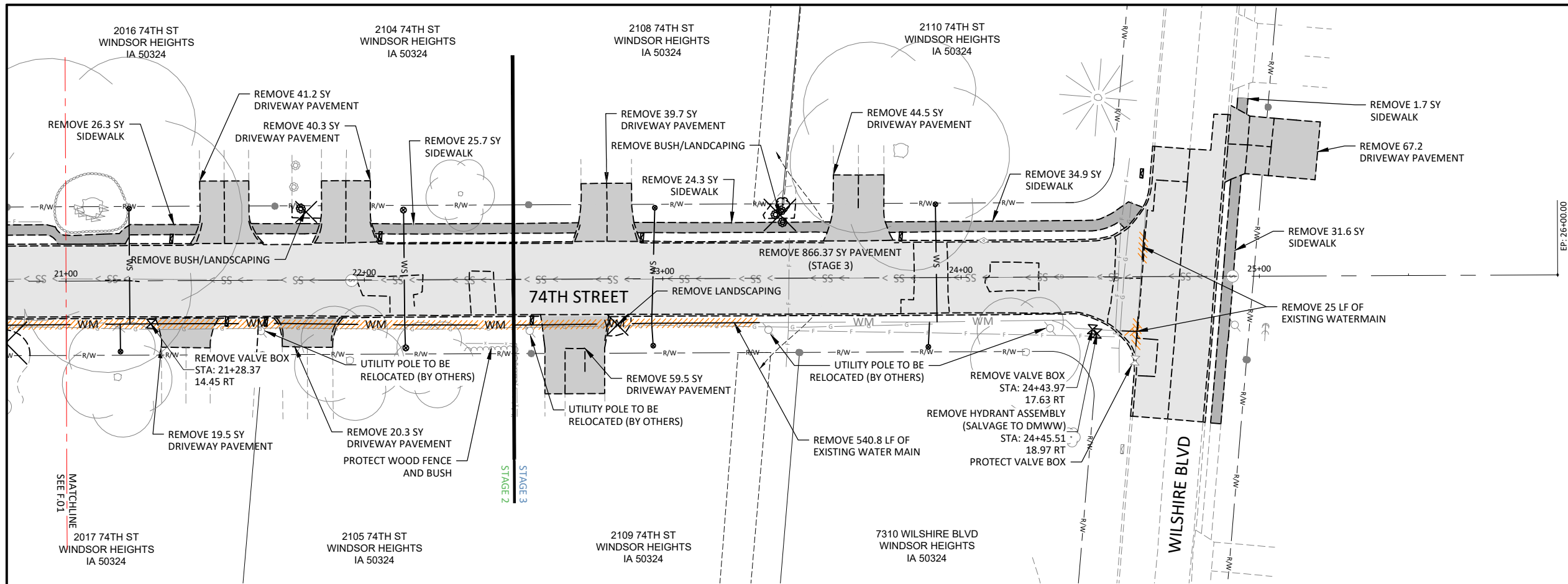
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
PLAN & PROFILE - WILSHIRE BLVD

SHEET
D.04



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REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PIPE REMOVAL
- ITEM REMOVAL

- NOTE:**
- EXISTING SIGNS ON UTILITY POLES TO BE REMOVED AND SALVAGED.
 - ALL MAILBOXES SHALL BE SALVAGED AND REINSTALL.

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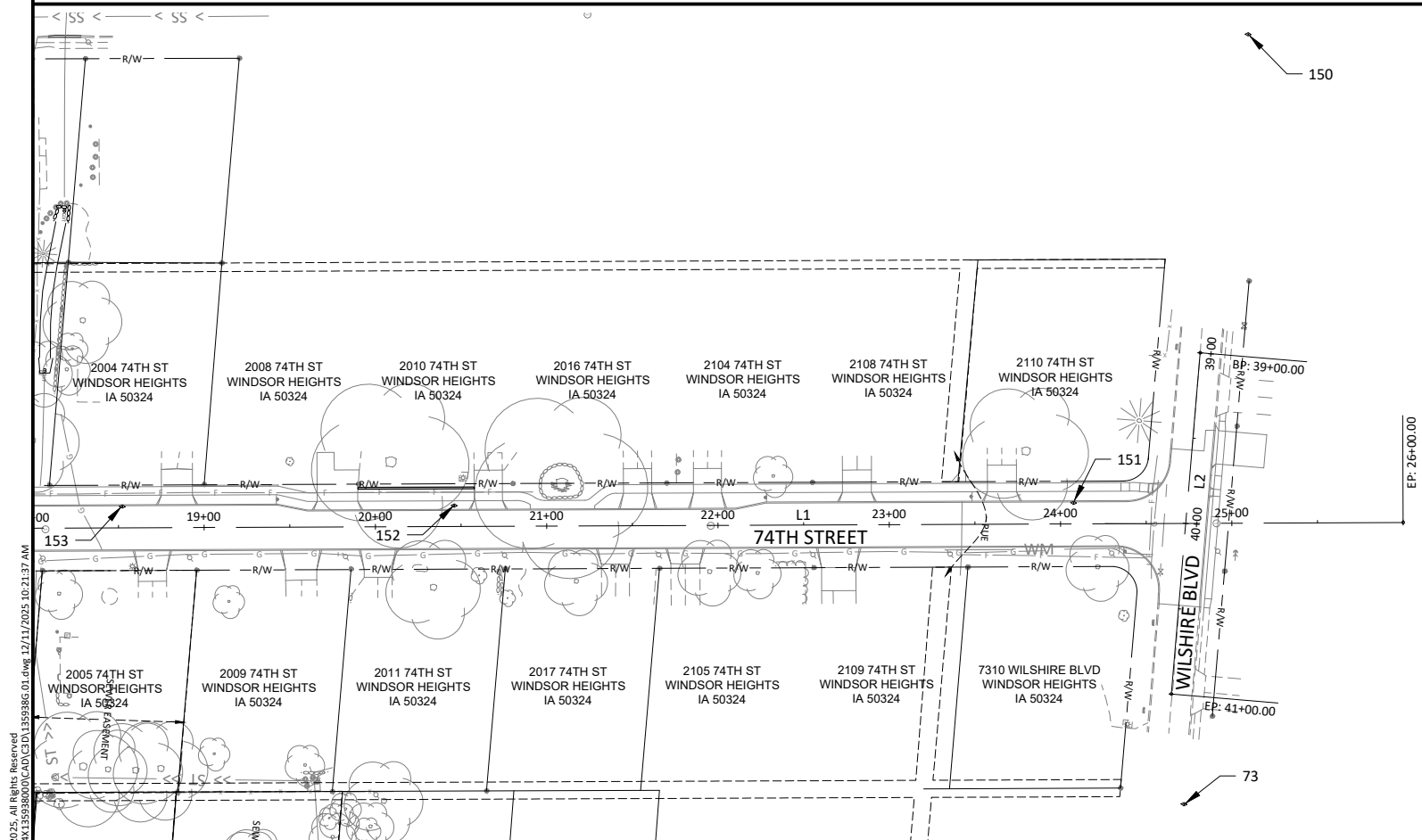
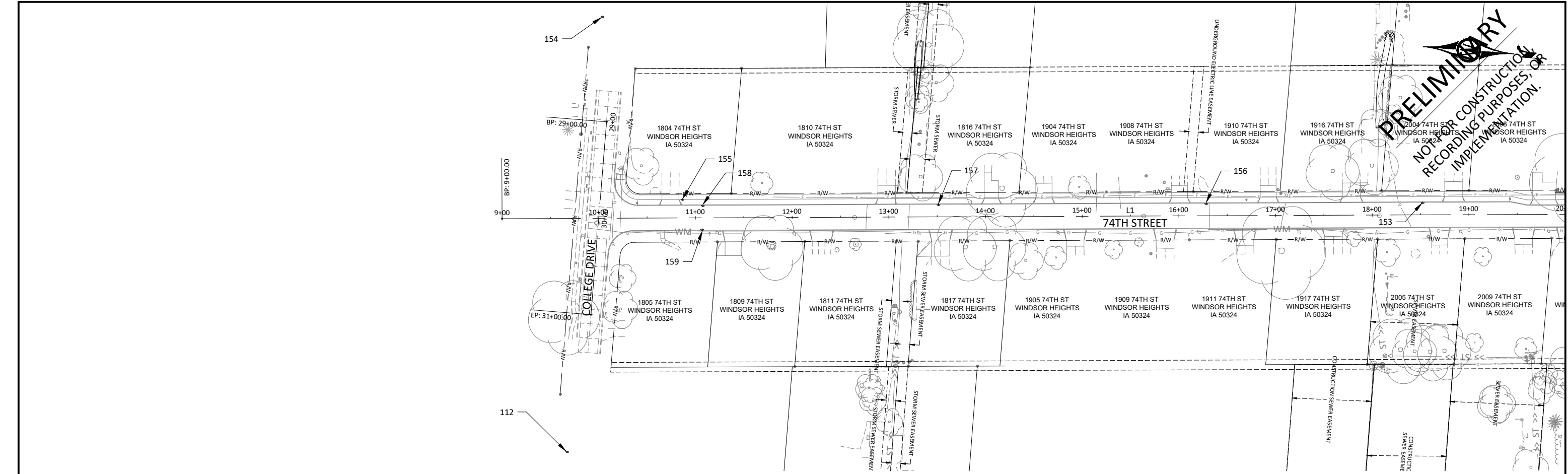


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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
REMOVAL SHEETS - 74TH STREET

SHEET
F.02



74TH STREET - ALIGNMENT LINE DATA						
LINE #	LENGTH	BEARING	START POINT	END POINT	START STATION	STATION END
L1	1700.00	N4° 44' 13.84"W	N: 586411.0917 E: 1580502.7774	N: 588005.6262 E: 1580370.6411	9+00	26+00

WILSHIRE BLVD - ALIGNMENT LINE DATA						
LINE #	LENGTH	BEARING	START POINT	END POINT	START STATION	STATION END
L2	200.00	S89° 40' 37.29"E	N: 587879.6637 E: 1580281.1277	N: 587879.1000 E: 1580381.1261	39+00	41+00

POINT NORTHING-EASTING DATA				
POINT NUMBER	RAW DESCRIPTION	ELEVATION	NORTH	EAST
73	VFCP / CUT X BOC	870.000	587890.96	1580544.63
112	VFCP / CUT X CURB	858.594	586397.60	1580746.18
150	VFCP / CUT X	853.637	587893.05	1580093.53
151	VFCP / CUT X	864.086	587812.91	1580374.22
152	VFCP / CUT X CP 48	863.514	587452.59	1580404.20
153	VFCP / CUT X BOC	857.781	587259.47	1580419.94
154	VFCP / CUT X CURB	842.182	586398.73	1580294.94
155	VFCP / CUT X SWK	850.537	586495.97	1580476.82
156	VFCP / CUT X BOC 46	853.384	587036.23	1580438.66
157	VFCP / CUT X BOC 46	850.022	586760.27	1580461.44
158	VFCP / CUT X BOC 144	850.352	586517.43	1580481.54
159	VFCP / CUT X BOC 145	851.003	586518.82	1580506.24

NOTE:
1. CONTRACTOR TO PROTECT CORNER PINS.
CONTRACTOR IS RESPONSIBLE FOR RESETING
CORNER PINS IF DISTURBED.

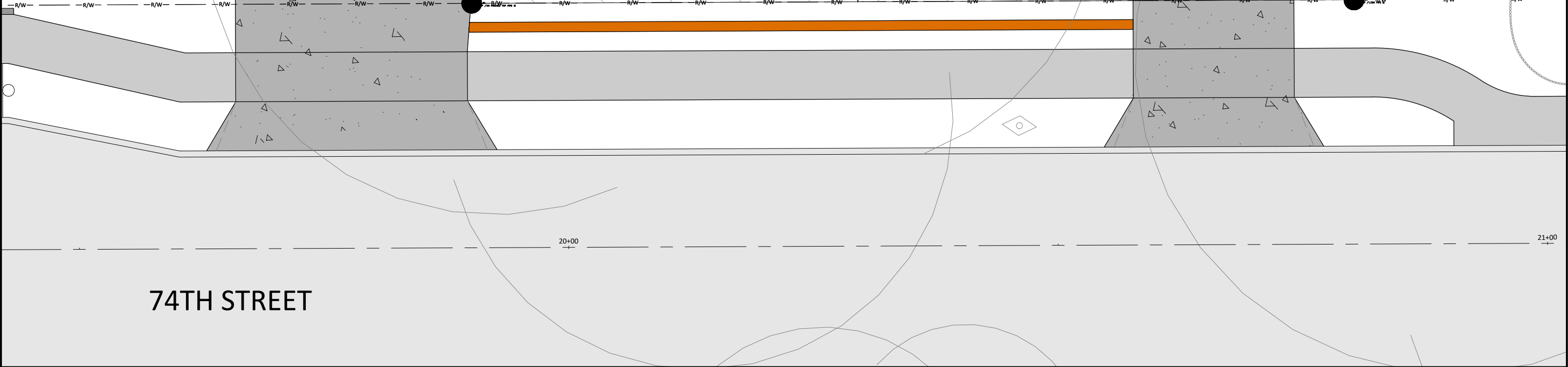
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2008 74TH ST
WINDSOR HEIGHTS
IA 50324
LOT 43

2010 74TH ST
WINDSOR HEIGHTS
IA 50324
LOT 44

15' TEMPORARY CONSTRUCTION EASEMENT

15'



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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
RIGHT-OF-WAY SHEET

SHEET
H.01

STAGING NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS ALONG 74TH STREET A MINIMUM OF 7 CALENDAR DAYS PRIOR TO CHANGES IN ACCESSES.
- 2. HAUL ROUTES SHALL BE APPROVED BY THE CITY PRIOR TO INITIATING HAULING.
- 3. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL ON THE PROJECT SITE. WATER SHALL BE USED AT THE REQUEST OF THE ENGINEER AND SHALL BE INCIDENTAL TO THE PROJECT.
- 4. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF HAUL ROUTES AND TEMPORARY ACCESS SIDEWALK OR DRIVES.

STAGING GENERAL NOTES

- 1. CONTRACTOR SHALL BEGIN WORK IN STAGE 1. SEE STAGING GENERAL NOTE 2 FOR PROGRESSION OF WORK AFTER STAGE 1.
- 2. IT IS RECOGNIZED THAT AS THE VARIOUS ACTIVITIES RELATED TO CONSTRUCTION PROGRESS, CERTAIN SITUATIONS MAY ARISE WHICH WILL PRECLUDE ADHERING TO THE ORIGINAL CONSTRUCTION SEQUENCE OR WHICH WOULD READILY LEND THEMSELVES TO MORE EFFICIENT STAGING OPERATIONS. SHOULD THE CONTRACTOR DESIRE DEVIATE FROM THE ORIGINAL PLAN, A WRITTEN ALTERNATIVE PLAN SHALL BE SUBMITTED TO THE CITY FOR APPROVAL A MINIMUM OF TWO (2) WEEK PRIOR TO THE PROPOSED CHANGES.
- 3. WORK EXECUTED BETWEEN OCTOBER 1 AND APRIL 1, THAT IMPACTS TRAFFIC, SHALL BE APPROVED BY THE CITY. ROADWAYS SHALL BE REPAVED AND REOPENED BEFORE THE FIRST SNOWFALL.
- 4. IS IT THE PROJECT INTENT TO COMPLETE DRIVEWAYS, SIDEWALK AND SURFACE RESTORATIONS IMMEDIATELY FOLLOWING THE COMPLETION OF THE ROAD PAVEMENT.
- 5. ALL SEGMENTS OF ROADWAY WILL BE SWEEPED AND CLEANED FROM ALL DEBRIS. FLUSH THE SURFACE WITH WATER IF DUST IS AN ISSUE PRIOR TO OPENING.
- 6. REFER TO IOWA DOT TRAFFIC CONTROL STANDARD DRAWINGS TO HANDLE CERTAIN SITUATIONS DURING CONSTRUCTION. COORDINATE WITH ENGINEER.

STAGE 1 - TRAFFIC

- 1. SET UP TRAFFIC CONTROL FOR STAGE 1 AS SHOWN IN THE J SHEETS OR AS DEEMED NECESSARY
- 2. CONTRACTOR TO DETERMINE NEEDED LANE CLOSURES ON COLLEGE DRIVE. PROVIDE LAYOUTS AND NOTICE TO CITY 72 HOURS PRIOR TO LANE CLOSURES.

STAGE 1 - CONSTRUCTION

- 1. CLOSE ROADWAYS AFTER PROVIDING RESIDENT NOTICES.
- 2. TOPSOIL SALVAGE AND STOCKPILE OR HAUL OFF SITE.
- 3. REMOVE EXISTING 74TH STREET ROADWAY AND SIDEWALK.
- 4. GRADE, INSTALL SANITARY SEWER SERVICES, INSTALL WATER MAIN AND STORM SEWER.
- 5. STAGE 2 MAY BEGIN ONCE ALL UNDERGROUND PIPE WORK IS COMPLETE AND AS APPROVED BY THE ENGINEER.
- 6. INSTALL SUBDRAIN, PAVE ROADWAYS, BACKFILL, INSTALL SIDEWALK, AND SURFACE RESTORATION.

STAGE 2 - TRAFFIC

- 1. SET UP TRAFFIC CONTROL FOR STAGE 2 AS SHOWN IN THE J SHEETS OR AS DEEMED AS NECESSARY.

STAGE 2 - CONSTRUCTION

- 1. CLOSE ROADWAYS AFTER PROVIDING RESIDENT NOTICES.
- 2. TOPSOIL SALVAGE AND STOCKPILE OR HAUL OFF SITE.
- 3. REMOVE EXISTING 74TH STREET ROADWAY AND SIDEWALK.
- 4. GRADE, INSTALL SANITARY SEWER SERVICES, INSTALL WATER MAIN AND STORM SEWER.
- 5. STAGE 3 MAY BEGIN ONCE ALL UNDERGROUND PIPE WORK IS COMPLETE AND AS APPROVED BY THE ENGINEER.
- 6. INSTALL SUBDRAIN, PAVE ROADWAYS, BACKFILL, INSTALL SIDEWALK, AND SURFACE RESTORATION.

STAGE 3 - TRAFFIC

- 1. SET UP TRAFFIC CONTROL FOR STAGE 3 AS SHOWN IN THE J SHEETS OR AS DEEMED AS NECESSARY.
- 2. CONTRACTOR TO DETERMINE NEEDED LANE CLOSURES ON WILSHIRE BLVD. PROVIDE LAYOUTS AND NOTICE TO CITY 72 HOURS PRIOR TO LANE CLOSURES.

STAGE 3 - CONSTRUCTION

- 1. CLOSE ROADWAYS AFTER PROVIDING RESIDENT NOTICES.
- 2. TOPSOIL SALVAGE AND STOCKPILE OR HAUL OFF SITE.
- 3. REMOVE EXISTING 74TH STREET ROADWAY AND SIDEWALK.
- 4. GRADE, INSTALL SANITARY SEWER SERVICES, INSTALL WATER MAIN AND STORM SEWER.
- 5. INSTALL SUBDRAIN, PAVE ROADWAYS, BACKFILL, INSTALL SIDEWALK, AND SURFACE RESTORATION.

TRAFFIC CONTROL PLAN

- 1. CONTRACTOR TO VERIFY TRAFFIC CONTROL DEVICES AT A MINIMUM OF ONCE A DAY OR IMMEDIATELY AFTER A WEATHER EVENT. CORRECT AS NECESSARY.
- 2. THE CONTRACTOR SHALL PROVIDE 48 HOURS STREET/LANE CLOSURE NOTICE TO THE CITY.
- 3. TRAFFIC CONTROL SIGNS INSTALLED FOR MORE THAN THREE DAYS SHALL BE POST MOUNTED.

THE CONTRACTOR SHALL EMPLOY SOUND PRACTICES OF SAFETY AND TRAFFIC CONTROL. THESE METHODS AND PRACTICES SHALL INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:

- 1. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER PROJECTS.
- 2. TRAFFIC CONTROL ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE SPECIFIC LAYOUTS ON THESE PLANS. TRAFFIC CONTROL DEVICES, PROCEDURES, AND LAYOUT SHALL BE PER CURRENT PART OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130.
- 3. AT FULL CLOSURE LOCATIONS, CONTRACTOR SHALL PROVIDE ENOUGH TYPE III BARRICADES TO COMPLETELY CROSS THE ROADWAY.
- 4. SIGN WASHING SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND REQUIRED AS DIRECTED BY THE PROJECT ENGINEER.

TRAFFIC CONTROL NOTES:

- 1. TRAFFIC CONTROL LAYOUTS SHOWN ON THESE PLANS ARE GENERAL TRAFFIC CONTROL LAYOUTS FOR INFORMATION ONLY.
- 2. THE CONTRACTOR SHALL DEVELOP A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH SECTION 1070, 2.06 'TRAFFIC CONTROL' OF THE STANDARD SPECIFICATIONS. ANY TRAFFIC CONTROL DEVICES OR SAFETY EQUIPMENT NEEDED TO CONSTRUCT THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION PHASING AND TRAFFIC CONTROL PLAN WITH PLANNED DETOURS, IF APPLICABLE, TO THE ENGINEER FOR APPROVAL BEFORE THE START OF ANY CONSTRUCTION ACTIVITIES.
- 4. IF NECESSARY, STREETS WILL BE CLOSED IN ACCORDANCE WITH SECTION 1070, 2.06 'TRAFFIC CONTROL' OF THE STANDARD SPECIFICATIONS. ALL TRAFFIC CONTROL PLANS MUST BE REVIEWED AND APPROVED BY ENGINEER.
- 5. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, REMOVED BY THE CONTRACTOR AND IN ACCORDANCE TO MUTCD 2009 AS ADOPTED BY IOWA DEPARTMENT OF TRANSPORTATION.
- 6. PORTABLE MOUNTINGS FOR WARNING SIGNS MAY BE USED FOR TEMPORARY INSTALLATIONS OF 3 DAYS OR LESS ALL OTHER TRAFFIC CONTROL SHALL BE POST MOUNTED.
- 7. THE PROPOSED SIGNAGE MAY BE MODIFIED TO MEET FIELD CONDITIONS, PREVENT OBSTRUCTIONS AND TO ACCOMMODATE CONSTRUCTION SCHEDULING UPON APPROVAL OF THE PROJECT ENGINEER
- 8. ORANGE SAFETY FENCE SHALL BE PLACED ENTIRELY ACROSS THE TRAVELED PORTION OF THE ROADWAY AT ALL LOCATIONS WHERE TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS ARE USED.
- 9. SIGNAGE MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND REQUIRED AS DIRECTED BY THE ENGINEER.
- 10. ALL CONSTRUCTION SIGNS SHALL BE DIAMOND GRADE FLUORESCENT ORANGE OR WHITE V.I.P. SHEETING OR EQUIVALENT. (IOWA DOT TYPE VII SHEETING).
- 11. AT THE TIME OF INITIAL SETUP OR AT THE TIME OF MAJOR STAGE CHANGES, 100 PERCENT OF EACH TYPE OF DEVICE (SIGNS, CONES, TUBULAR MARKERS, DRUMS, BARRICADES, VERTICAL PANELS, CHANGEABLE MESSAGE SIGNS, AND PAVEMENT MARKINGS) SHALL BE CLASSIFIED AS ACCEPTABLE BY THE REQUIREMENT OF THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA), "QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES 1992." THROUGHOUT THE DURATION OF THE PROJECT, UNACCEPTABLE DEVICES OR SITUATIONS THAT ARE FOUND ON THE JOBSITE AS DETERMINED BY BEFORE MENTIONED PUBLICATION SHALL BE REPLACED OR THE SITUATION CORRECTED WITHIN 12 HOURS OF INITIAL NOTIFICATIONS BY THE ENGINEER.
- 12. THE LOCATION FOR STORAGE OF EQUIPMENT BY THE CONTRACTOR DURING NONWORKING HOURS SHALL BE AS APPROVED BY THE ENGINEER, AND THE CONTRACTOR SHALL PROVIDE A WRITTEN AGREEMENT WITH THE PROPERTY OWNER.
- 13. AT EACH SIDEWALK CLOSURE LOCATION PLACE TYPE II BARRICADES WITH "SIDEWALK CLOSED" SIGNS AT EACH CLOSURE END AND PLACE "SIDEWALK CLOSED AHEAD" SIGNS ALONG THE SIDEWALK AT NEAREST STREET INTERSECTIONS ON EACH SIDE OF THE CLOSURE LOCATION IN ACCORDANCE WITH THE MUTCD.

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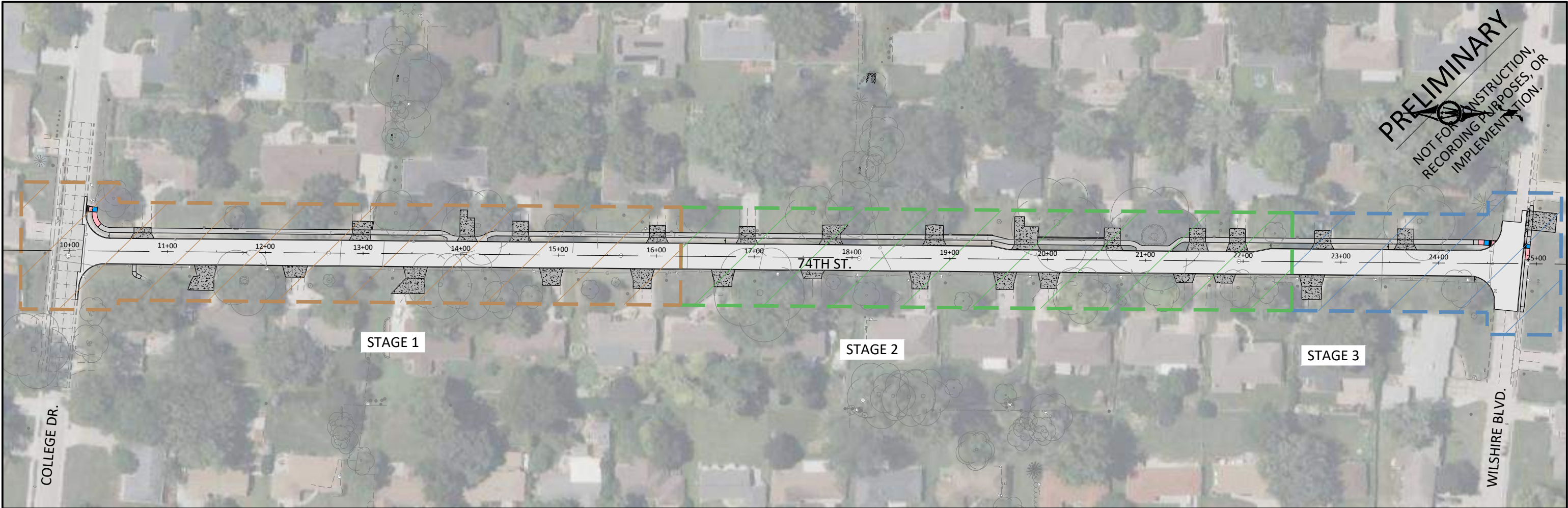


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CLIENT PROJ. NO.			
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WINDSOR HIEGHTS, IOWA	J.01
74TH STREET IMPROVEMENT	
STAGING AND TRAFFIC CONTROL NOTES	

SHEET



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STAGING NOTES:

1. THE CONTRACTOR IS TO CONSTRUCT THE PROJECT IN 3 STAGES. THE CONTRACTOR SHALL PROVIDE A STAGING PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. ANY ADJUSTMENT TO THE STAGING TRAFFIC CONTROL SHALL BE COORDINATED WITH THE CITY OF WINDSOR HEIGHTS AND ENGINEER ON RECORD A MINIMUM OF TWO WEEKS IN ADVANCE.
3. THE CONTRACTOR SHALL REQUEST, IN WRITING, PERMISSION TO START EACH STAGE OF THE PROJECT AND SUBMIT AN UPDATED SCHEDULE FOR EACH STAGE UNDER CONSTRUCTION.
4. THE ROAD SHALL BE SCRAPPED AND BROOMED PRIOR TO OPENING THE STREET TO TRAFFIC.
5. SITE RESTORATION SHALL BE COMPLETED PRIOR TO NEXT STAGE STARTING OR APPROVED BY ENGINEER.
6. REFER TO WATER MAIN PLANS FOR WATER MAIN PHASING.
7. WATER MAIN DESIGNS ASSUMES WATER MAIN WILL BE INSTALLED STARTING AT COLLEGE DRIVE.
8. PROPOSED CHANGES TO STAGING MUST BE REVIEW BY DMWW.

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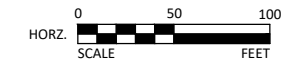


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WINDSOR HIEGHTS, IOWA	SHEET
74TH STREET IMPROVEMENT	J.02
STAGING AND TRAFFIC CONTROL	

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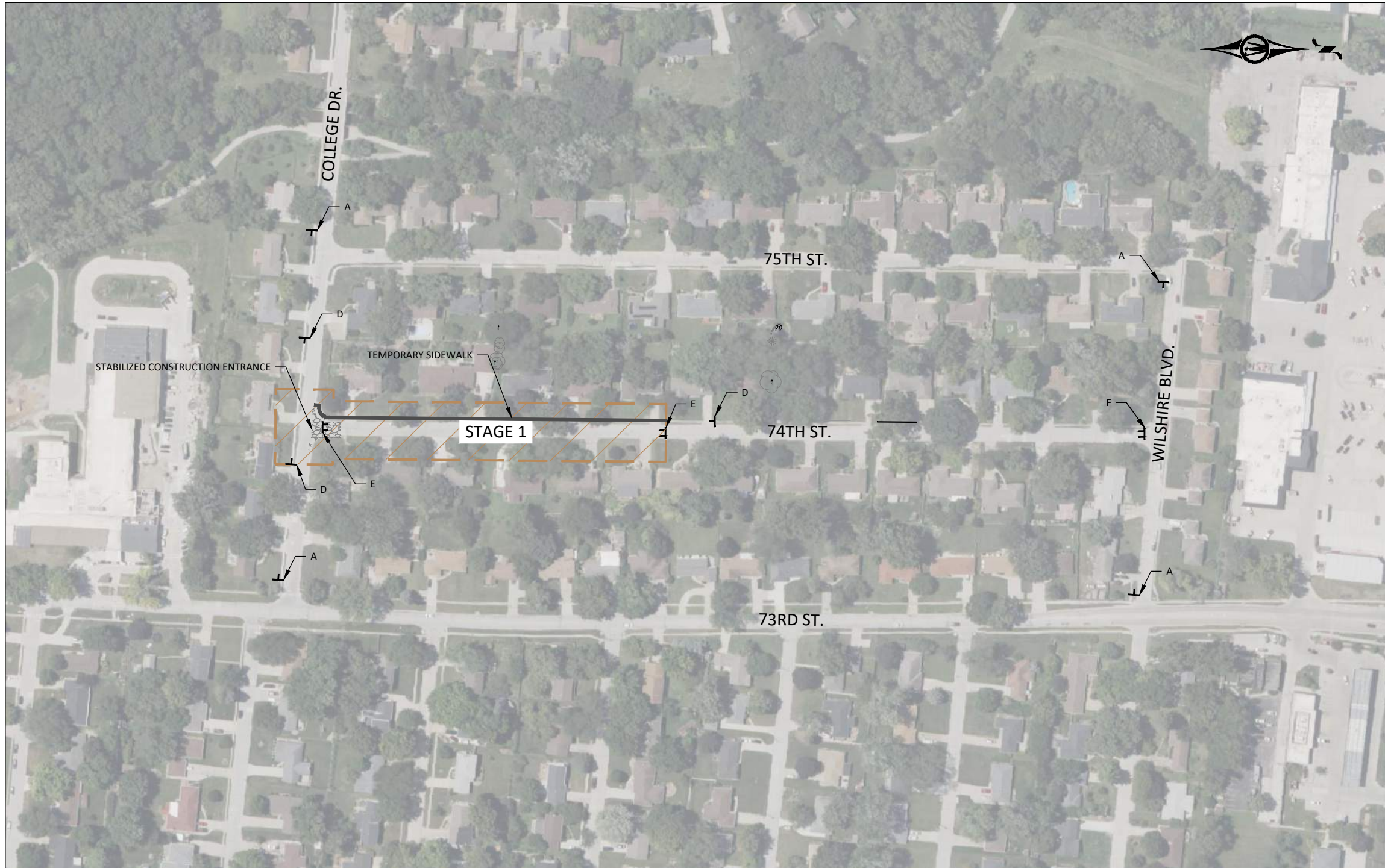
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
STAGING AND TRAFFIC CONTROL - STAGE 1

SHEET
J.03

TRAFFIC CONTROL NOTES:

- SPECIFIC TRAFFIC CONTROL LAYOUTS ARE SHOWN ON THESE PLANS. THESE ARE GENERAL TRAFFIC CONTROL LAYOUTS FOR INFORMATION ONLY.
- SUBMIT DETAILED TRAFFIC CONTROL PLANS FOR ALL WORK LOCATIONS FOR APPROVAL PRIOR TO PRE-CONSTRUCTION MEETING. ALL TRAFFIC CONTROL PLANS, DEVICES, AND PROCEDURES SHALL CONFORM TO THE CURRENT VERSION OF THE MUTCD.
- ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.
- PORTABLE MOUNTINGS FOR WARNING SIGNS MAY BE USED FOR TEMPORARY INSTALLATIONS OF 3 DAYS OR LESS. ALL OTHER TRAFFIC CONTROL SHALL BE POST MOUNTED.
- THE PROPOSED SIGNAGE MAY BE MODIFIED TO MEET FIELD CONDITIONS, PREVENT OBSTRUCTIONS AND TO ACCOMMODATE CONSTRUCTION SCHEDULING UPON APPROVAL OF THE PROJECT ENGINEER.
- ORANGE SAFETY FENCE SHALL BE PLACED ENTIRELY ACROSS THE TRAVELED PORTION OF THE ROADWAY AT ALL LOCATIONS WHERE TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS ARE USED.
- SIGNAGE MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND REQUIRED AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION SIGNS SHALL BE DIAMOND GRADE FLUORESCENT ORANGE OR WHITE V.I.P. SHEETING OR EQUIVALENT. (IOWA DOT TYPE VII SHEETING).
- THE CONTRACTOR SHALL REMOVE AND REINSTALL ALL CITY SIGNS THAT WILL BE IN THE WAY.
- AT THE TIME OF INITIAL SETUP OR AT THE TIME OF MAJOR STAGE CHANGES, 100 PERCENT OF EACH TYPE OF DEVICE (SIGNS, CONES, TUBULAR MARKERS, DRUMS, BARRICADES, VERTICAL PANELS, CHANGEABLE MESSAGE SIGNS, AND PAVEMENT MARKINGS) SHALL BE CLASSIFIED AS ACCEPTABLE BY THE REQUIREMENT OF THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA), "QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES 1992." THROUGHOUT THE DURATION OF THE PROJECT, UNACCEPTABLE DEVICES OR SITUATIONS THAT ARE FOUND ON THE JOBSITE AS DETERMINED BY BEFORE MENTIONED PUBLICATION SHALL BE REPLACED OR THE SITUATION CORRECTED WITHIN 12 HOURS OF INITIAL NOTIFICATIONS BY THE ENGINEER.
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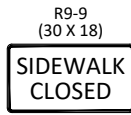
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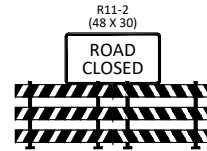


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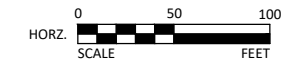
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
STAGING AND TRAFFIC CONTROL - STAGE 2

SHEET
J.04

TRAFFIC CONTROL NOTES:

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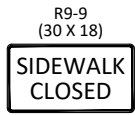
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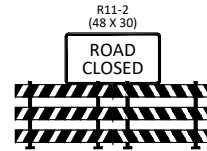


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(24 X 24)

C



D



E



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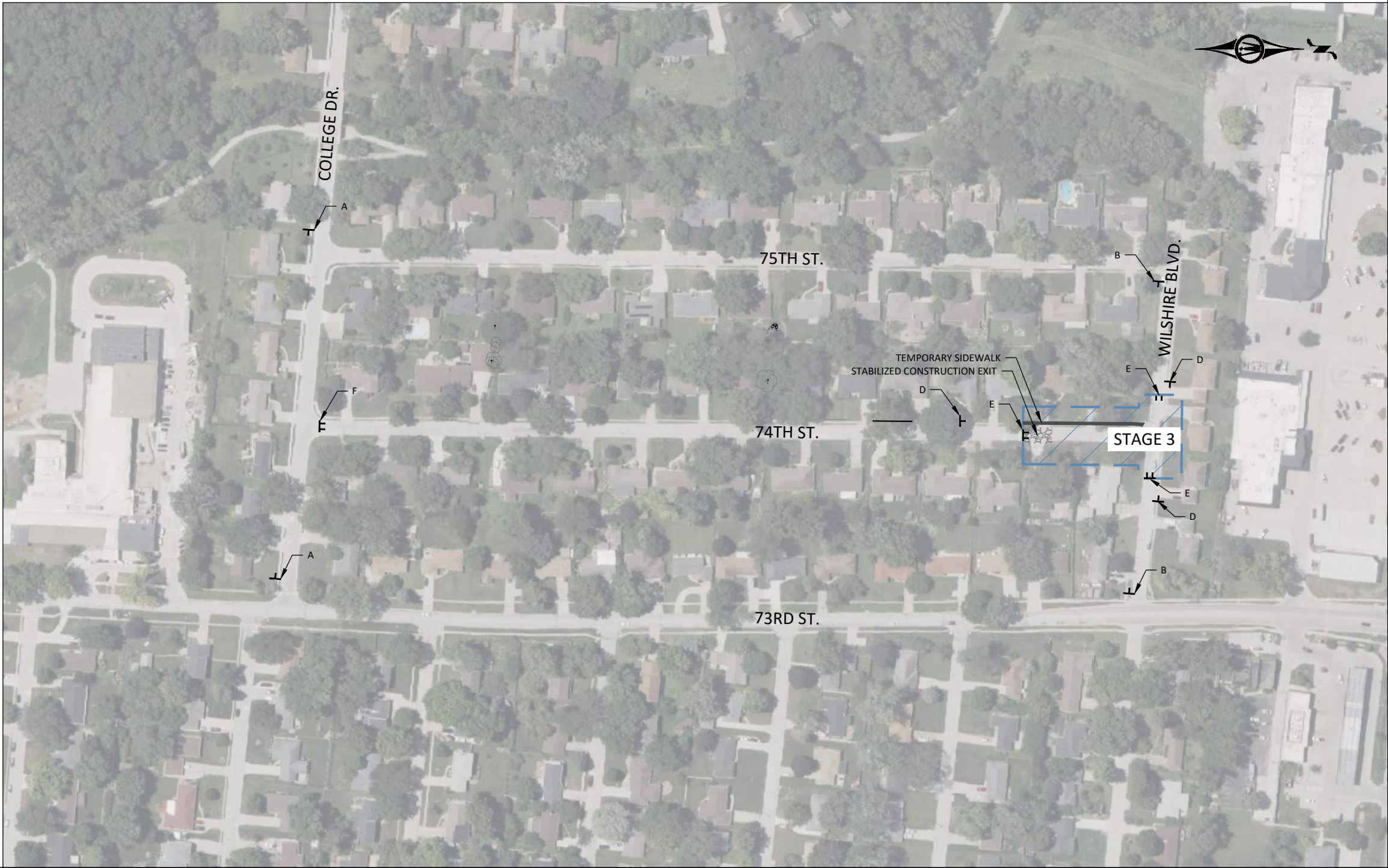


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74TH STREET IMPROVEMENT	J.05
STAGING AND TRAFFIC CONTROL - STAGE 3	

- TRAFFIC CONTROL NOTES:
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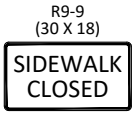


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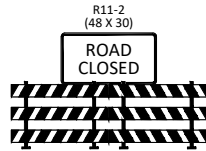


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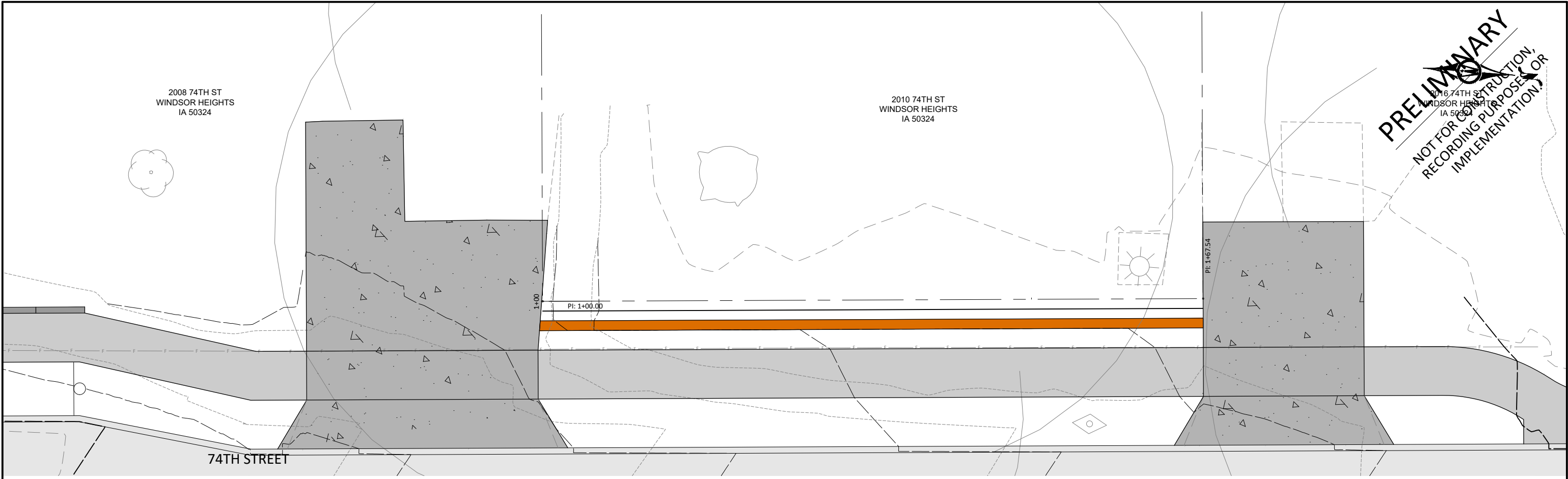


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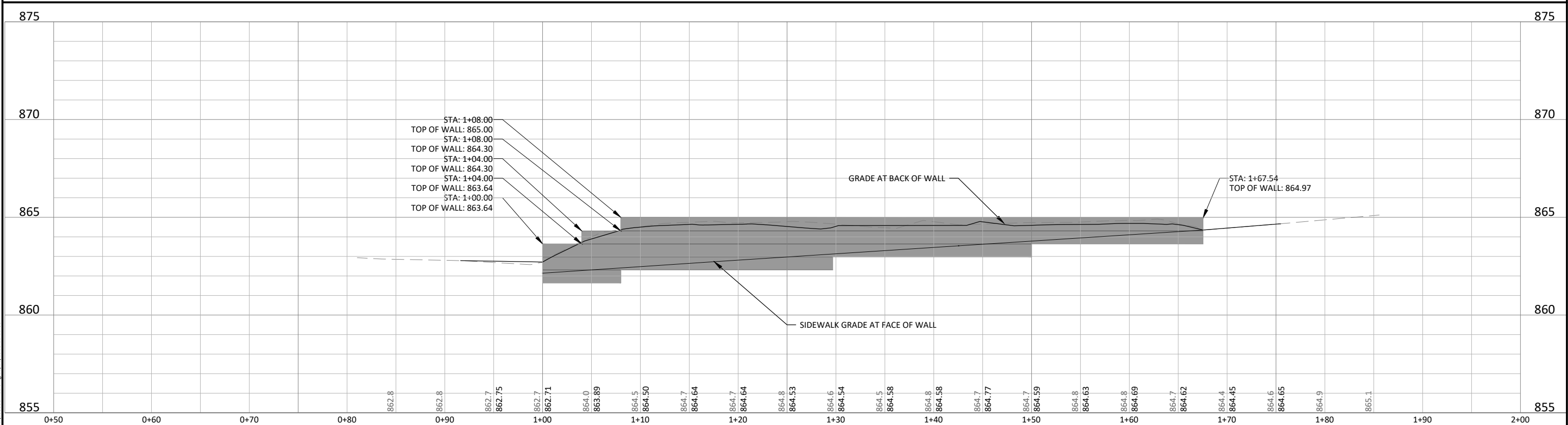


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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
PLAN & PROFILE - RETAINING WALL

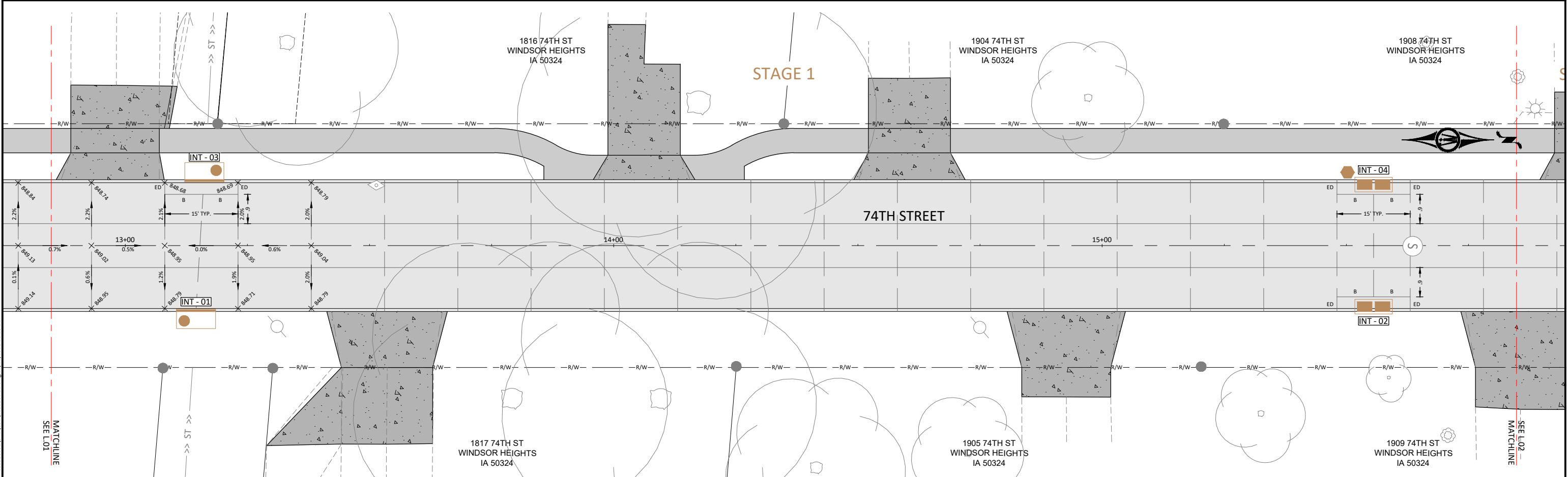
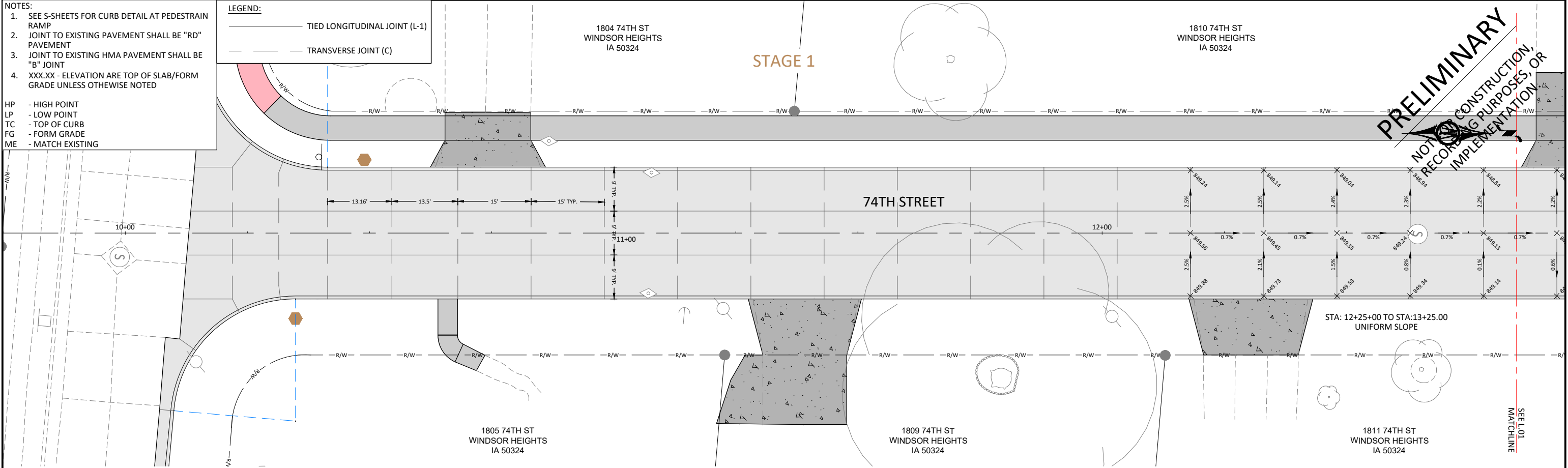
SHEET
K.01

- NOTES:
1. SEE S-SHEETS FOR CURB DETAIL AT PEDESTRAIN RAMP
 2. JOINT TO EXISTING PAVEMENT SHALL BE "RD" PAVEMENT
 3. JOINT TO EXISTING HMA PAVEMENT SHALL BE "B" JOINT
 4. XXX.XX - ELEVATION ARE TOP OF SLAB/FORM GRADE UNLESS OTHERWISE NOTED

HP - HIGH POINT
LP - LOW POINT
TC - TOP OF CURB
FG - FORM GRADE
ME - MATCH EXISTING

LEGEND:

- TIED LONGITUDINAL JOINT (L-1)
— TRANSVERSE JOINT (C)



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HORZ. SCALE
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
JOINTING PLAN - 74TH STREET

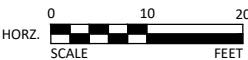
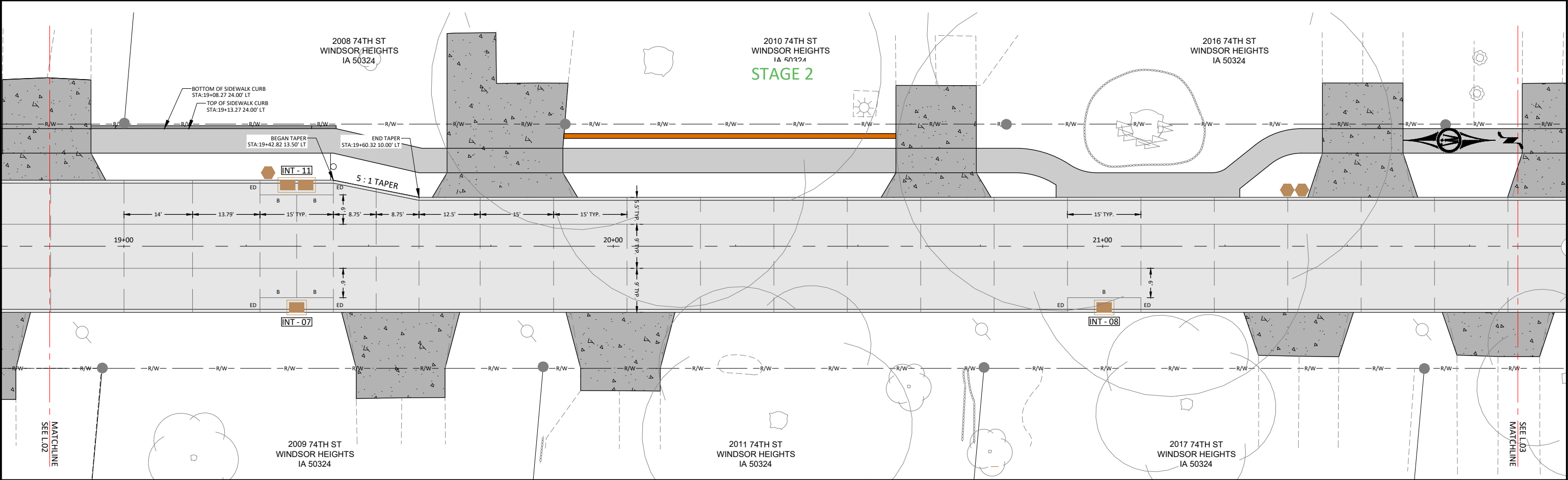
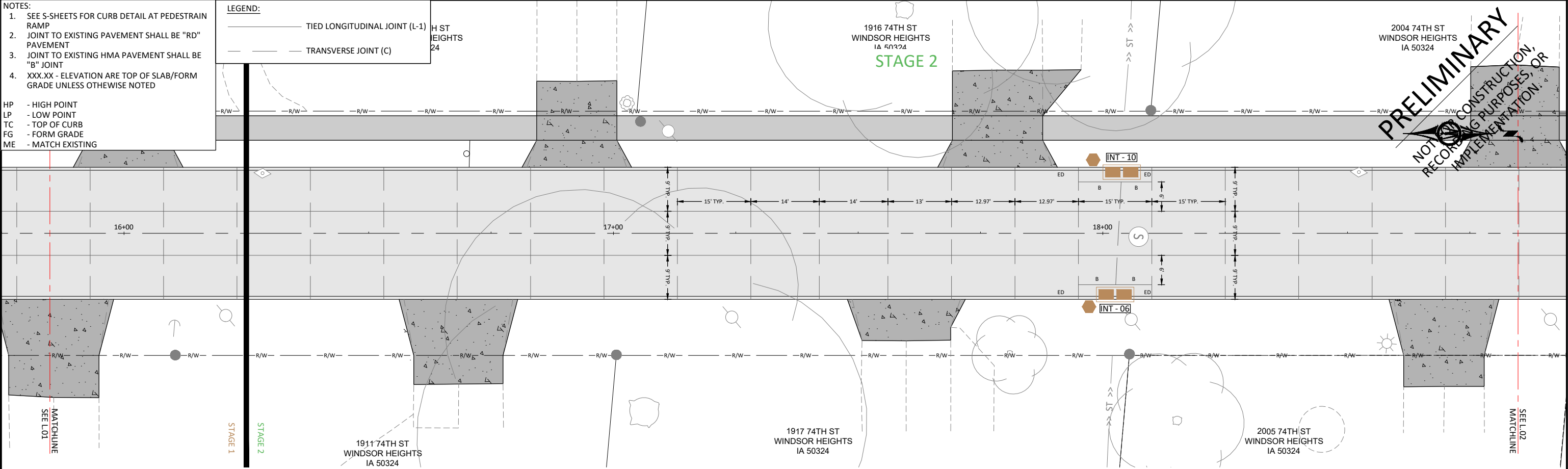
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LEGEND:

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— TRANSVERSE JOINT (C)

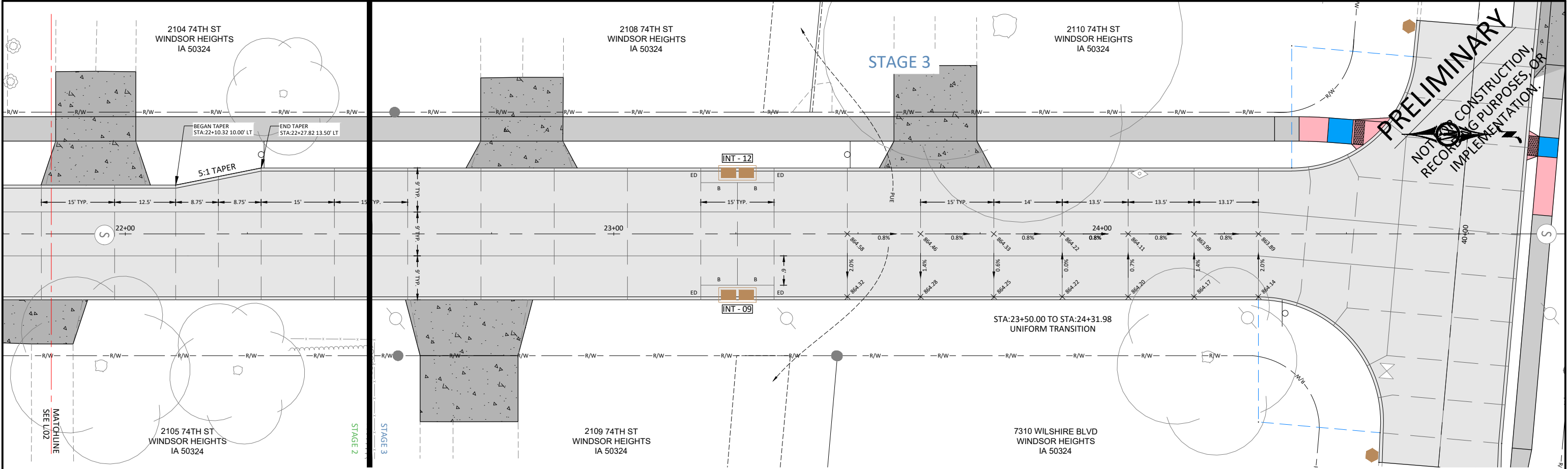


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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
JOINTING PLAN - 74TH STREET

SHEET
L.02

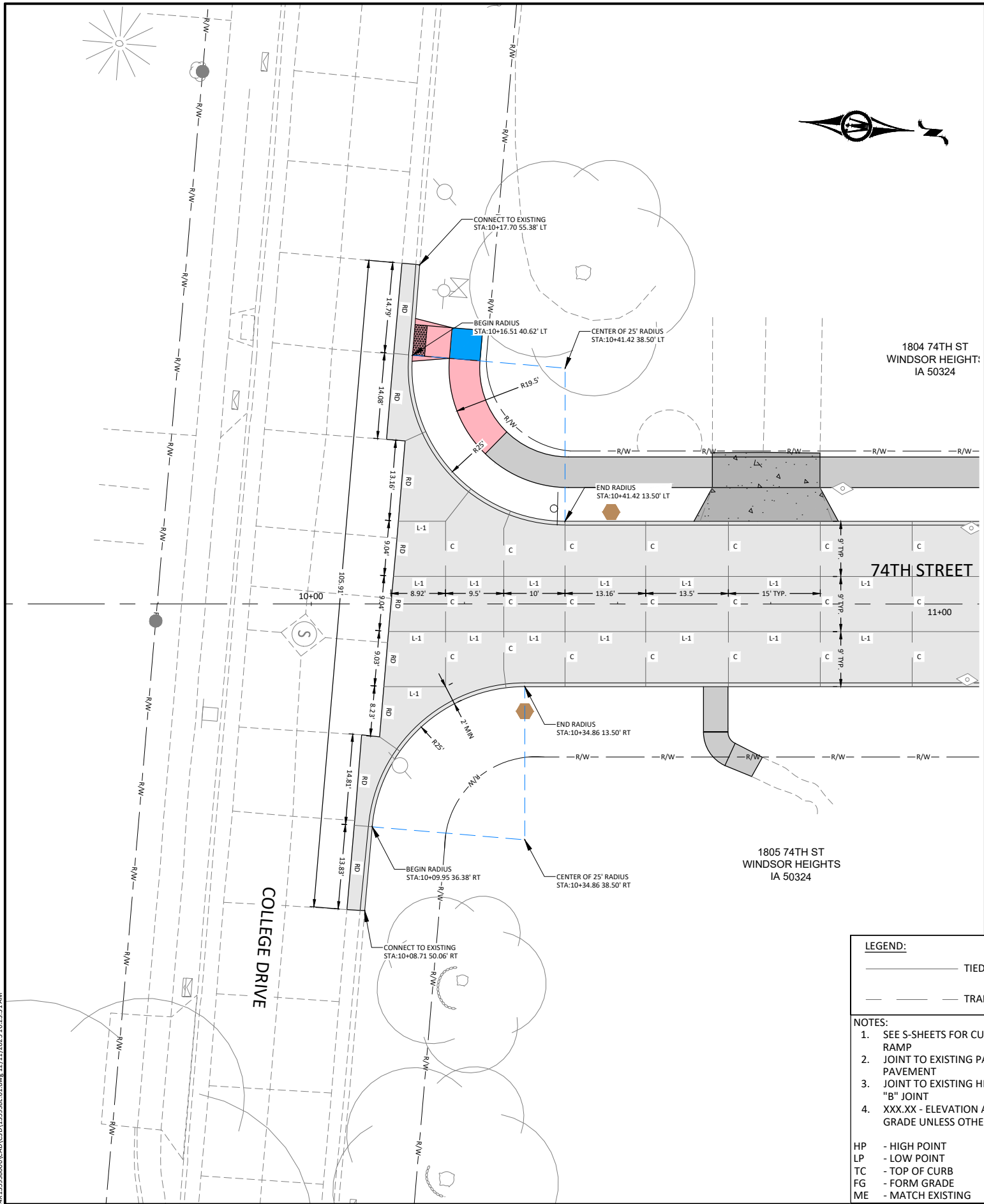


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LEGEND:

—	TIED LONGITUDINAL JOINT (L-1)
—	TRANSVERSE JOINT (C)

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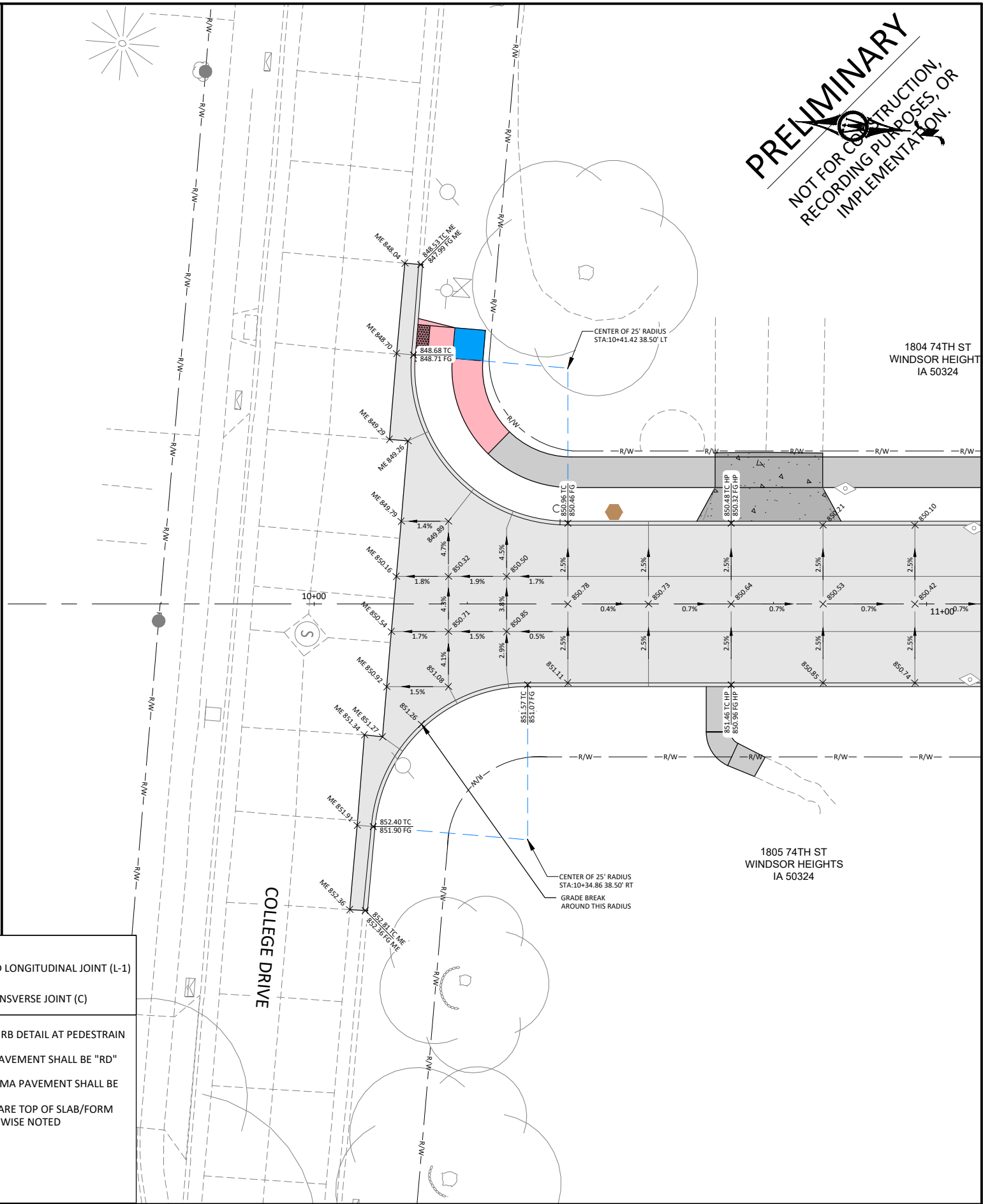
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— TRANSVERSE JOINT (C)

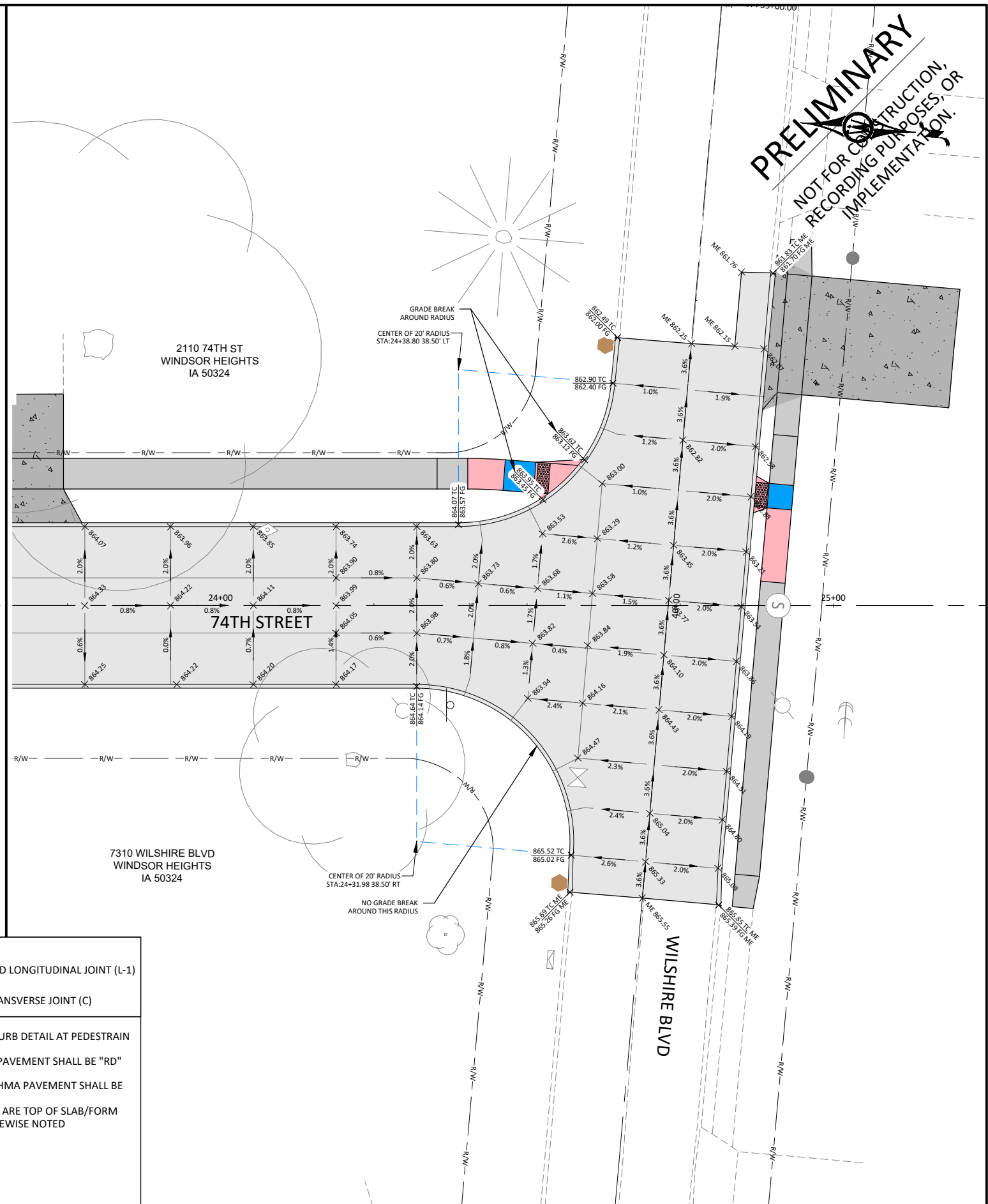
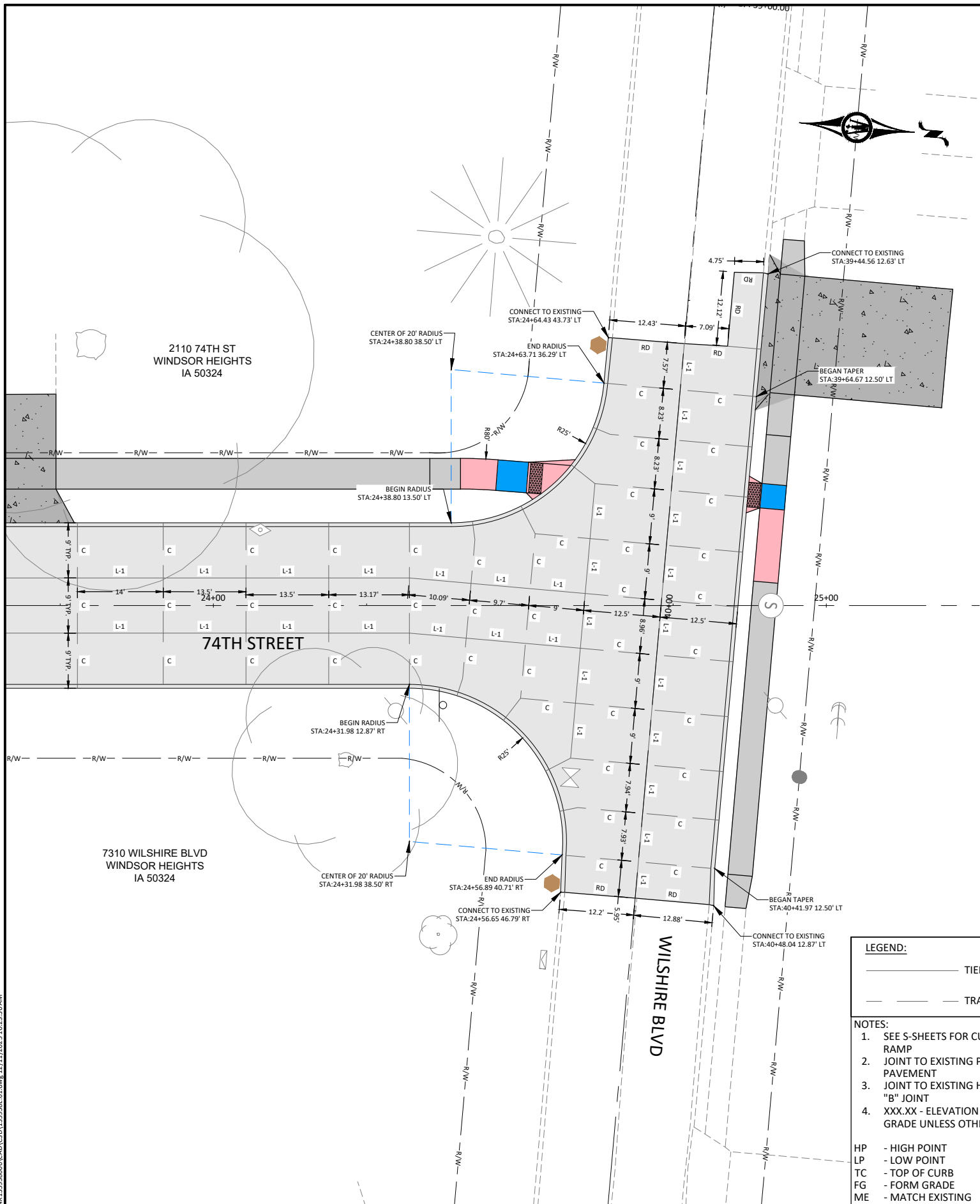
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— TRANSVERSE JOINT (C)

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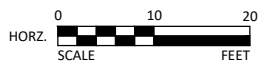
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	12/11/2025	

WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT

INTERSECTION DETAILS - 74TH STREET

SHEET
L.05



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STORM SEWER STRUCTURES						
STRUCTURE	STATION	OFFSET	TYPE	FG/RIM ELEV	INLET ELEV	OUTLET ELEV
INT - 01	13+14.49	13.50' RT	SW-507 (On Sag)	849.29	843.80, 48" RCP E (PIPE - 01) 845.18, 15" N (PIPE - 02) 845.90, 6" HDPE S (TILE - 21)	843.80, 59"x36" RCAP W (PIPE - 03)
INT - 02	15+55.58	13.50' RT	SW-505 N	852.43	848.17, 15" W (PIPE - 04) 848.93, 6" HDPE NE (TILE - 22)	848.07, 15" S (PIPE - 02)
INT - 03	13+16.19	13.50' LT	SW-507 (On Sag)	848.67	843.46, 59"x36" RCAP E (PIPE - 03) 845.11, 6" HDPE S (TILE - 01) 845.11, 6" HDPE N (TILE - 02)	843.46, 48" CMP W (PIPE - 05)
INT - 04	15+55.58	13.50' LT	SW-505 N	852.43	848.93, 6" HDPE NW (TILE - 03)	848.67, 15" E (PIPE - 04)
INT - 06	18+02.53	13.50' RT	SW-505 N	855.81	850.85, 48" CMP E (PIPE - 06) 851.58, 15" N (PIPE - 07)	850.85, 59"x36" RCAP W (PIPE - 10)
INT - 07	19+35.32	13.50' RT	SW-505	859.69	855.43, 15" W (PIPE - 11) 855.33, 15" N (PIPE - 08)	855.23, 15" S (PIPE - 07)
INT - 08	21+00.32	13.50' RT	SW-501	864.64	858.05, 15" N (PIPE - 09)	857.95, 15" S (PIPE - 08)
INT - 09	23+25.32	13.50' RT	SW-505	864.51	861.01, 6" HDPE NE (TILE - 25) 860.40, 15" W (PIPE - 12)	860.30, 15" S (PIPE - 09)
INT - 10	18+03.86	13.50' LT	SW-505 N	855.85	850.41, 59"x36" RCAP E (PIPE - 10) 852.35, 6" HDPE NW (TILE - 05)	850.41, 48" CMP W (PIPE - 13)
INT - 11	19+35.32	13.50' LT	SW-501 N	859.69	856.34, 6" HDPE N (TILE - 07)	855.93, 15" E (PIPE - 11)
INT - 12	23+25.32	13.50' LT	SW-505 N	864.51	861.01, 6" HDPE SW (TILE - 14) 861.01, 6" HDPE NW (TILE - 15)	860.90, 15" E (PIPE - 12)

STORM SEWER PIPES							
FROM STRUCTURE	TO STRUCTURE	PIPE ID	PIPE DIA	LENGTH	PIPE GRADE	START INV	END INV
EX PIPE - 01	INT - 01	PIPE - 01	48" RCP	11 LF	1.12%	843.91	843.80
INT - 02	INT - 01	PIPE - 02	15"	241 LF	1.20%	848.07	845.18
INT - 01	INT - 03	PIPE - 03	59"x36" RCAP	27 LF	1.12%	843.80	843.46
INT - 04	INT - 02	PIPE - 04	15"	27 LF	2.00%	848.67	848.17
INT - 03	EX PIPE - 02	PIPE - 05	48" CMP	11 LF	1.12%	843.46	843.35
EX PIPE - 03	INT - 06	PIPE - 06	48" CMP	11 LF	2.73%	851.19	850.85
INT - 07	INT - 06	PIPE - 07	15"	133 LF	2.75%	855.23	851.58
INT - 08	INT - 07	PIPE - 08	15"	165 LF	1.59%	857.95	855.33
INT - 09	INT - 08	PIPE - 09	15"	225 LF	1.00%	860.30	858.05
INT - 06	INT - 10	PIPE - 10	59"x36" RCAP	27 LF	1.75%	850.85	850.41
INT - 11	INT - 07	PIPE - 11	15"	27 LF	2.00%	855.93	855.43
INT - 12	INT - 09	PIPE - 12	15"	27 LF	2.00%	860.90	860.40
INT - 10	EX PIPE - 04	PIPE - 13	48" CMP	11 LF	1.75%	850.41	850.19

CLEANOUT STRUCTURES					
STRUCTURE	STATION	OFFSET	TYPE	FG/RIM ELEV	OUTLET ELEV
CO - 01	10+48.96	15.00' LT	6 Cleanout	850.86	846.66, 6" HDPE N (TILE - 01)
CO - 02	15+50.25	15.00' LT	6 Cleanout	853.01	849.01, 6" HDPE S (TILE - 02)
CO - 03	17+98.03	15.00' LT	6 Cleanout	856.15	852.15, 6" HDPE S (TILE - 04)
CO - 04	19+29.48	15.00' LT	6 Cleanout	860.24	856.24, 6" HDPE S (TILE - 06)
CO - 05	21+37.73	11.50' LT	6 Cleanout	866.00	862.00, 6" HDPE SE (TILE - 09)
CO - 06	21+40.73	11.50' LT	6 Cleanout	866.04	862.04, 6" HDPE NE (TILE - 10)
CO - 07	24+62.81	42.49' LT	6 Cleanout	862.65	861.77, 6" HDPE E (TILE - 18)
CO - 08	10+34.86	17.50' RT	6 Cleanout	852.23	848.04, 6" HDPE NW (TILE - 19)
CO - 09	17+97.19	15.00' RT	6 Cleanout	856.20	852.20, 6" HDPE S (TILE - 23)
CO - 10	24+55.24	45.31' RT	6 Cleanout	866.00	861.74, 6" HDPE W (TILE - 28)

SUBDRAIN PIPES							
FROM STRUCTURE	TO STRUCTURE	PIPE ID	PIPE DIA	LENGTH	PIPE GRADE	START INV	END INV
CO - 01	INT - 03	TILE - 01	6" HDPE	267 LF	0.58%	846.66	845.11
CO - 02	INT - 03	TILE - 02	6" HDPE	234 LF	1.68%	849.01	845.11
TILE - 04	INT - 04	TILE - 03	6" HDPE	6 LF	1.34%	848.98	848.93
CO - 03	TILE - 04	TILE - 04	6" HDPE	237 LF	1.34%	852.15	848.98
TILE - 06	INT - 10	TILE - 05	6" HDPE	6 LF	3.15%	852.46	852.35
CO - 04	TILE - 06	TILE - 06	6" HDPE	120 LF	3.15%	856.24	852.46
TILE - 08	INT - 11	TILE - 07	6" HDPE	26 LF	2.76%	857.05	856.34
TILE - 09	TILE - 08	TILE - 08	6" HDPE	174 LF	2.76%	861.86	857.05
CO - 05	TILE - 09	TILE - 09	6" HDPE	5 LF	2.76%	862.00	861.86
CO - 06	TILE - 11	TILE - 10	6" HDPE	5 LF	0.55%	862.04	862.01
TILE - 11	TILE - 12	TILE - 11	6" HDPE	67 LF	0.55%	862.01	861.64
TILE - 12	TILE - 13	TILE - 12	6" HDPE	19 LF	0.55%	861.64	861.54
TILE - 13	TILE - 14	TILE - 13	6" HDPE	92 LF	0.55%	861.54	861.03
TILE - 14	INT - 12	TILE - 14	6" HDPE	6 LF	0.55%	861.03	861.01
TILE - 16	INT - 12	TILE - 15	6" HDPE	6 LF	0.50%	861.03	861.01
TILE - 17	TILE - 16	TILE - 16	6" HDPE	108 LF	0.50%	861.57	861.03
TILE - 18	TILE - 17	TILE - 17	6" HDPE	35 LF	0.50%	861.74	861.57
CO - 07	TILE - 18	TILE - 18	6" HDPE	6 LF	0.50%	861.77	861.74
CO - 08	TILE - 20	TILE - 19	6" HDPE	3 LF	0.76%	848.04	848.02
TILE - 20	TILE - 21	TILE - 20	6" HDPE	268 LF	0.76%	848.02	845.98
TILE - 21	INT - 01	TILE - 21	6" HDPE	10 LF	0.75%	845.98	845.90
TILE - 23	INT - 02	TILE - 22	6" HDPE	6 LF	1.37%	848.98	848.93
CO - 09	TILE - 23	TILE - 23	6" HDPE	236 LF	1.37%	852.20	848.98
TILE - 26	INT - 09	TILE - 25	6" HDPE	6 LF	0.50%	861.03	861.01
TILE - 27	TILE - 26	TILE - 26	6" HDPE	101 LF	0.50%	861.53	861.03
TILE - 28	TILE - 27	TILE - 27	6" HDPE	39 LF	0.50%	861.72	861.53
CO - 10	TILE - 28	TILE - 28	6" HDPE	5 LF	0.50%	861.74	861.72



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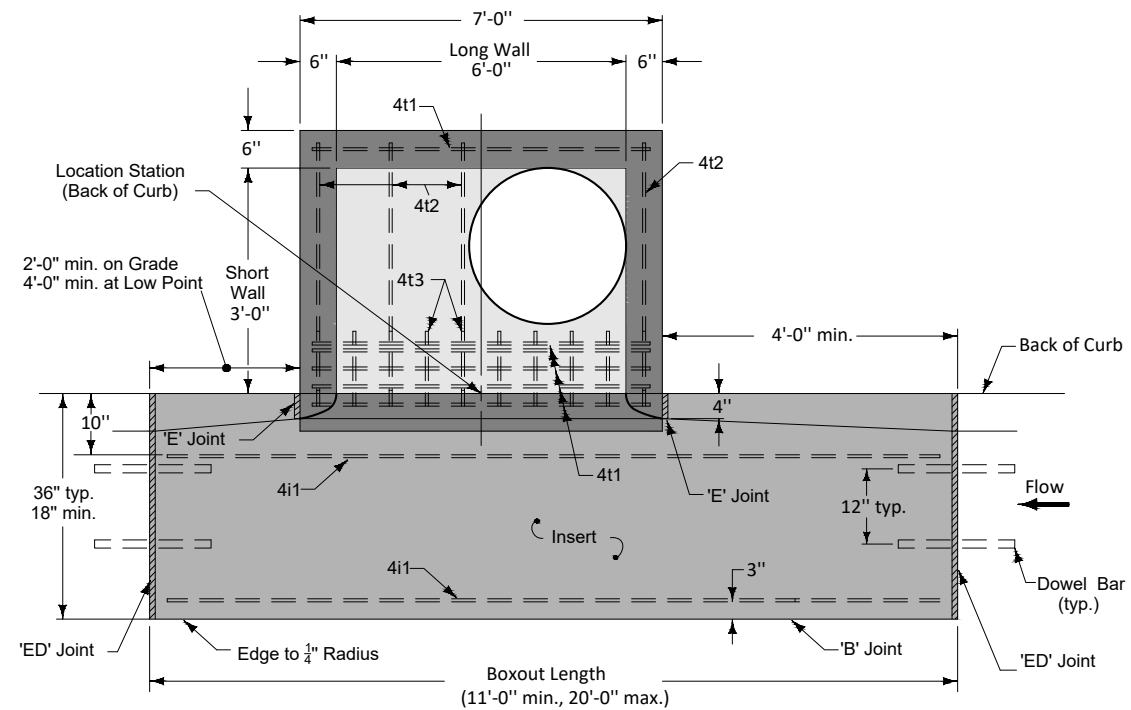
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STORM SEWER TABULATION

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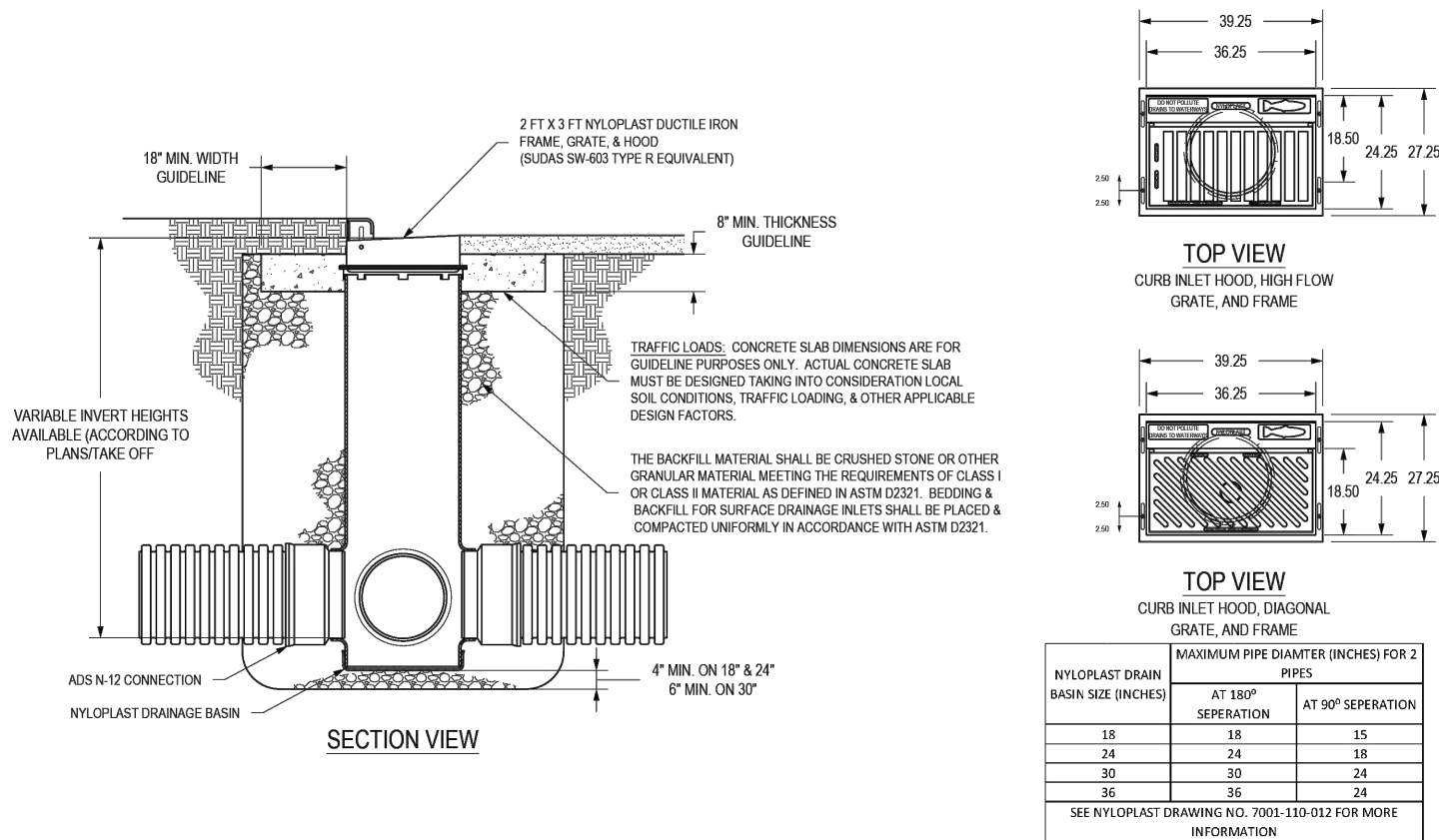
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NYLOPLAST 2 FT X 3 FT ROLL CURB INLET STRUCTURE EQUIVALENT TO SUDAS SW-501 & SW-502



- 1 - 18" - 30" FRAMES, GRATES, HOODS, & BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - 36" X 30" REDUCING PLATE SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
- 5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 6 - ALL ROLL CURB INLET GRATE OPTIONS SHALL MEET H-20 LOAD RATING

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SW-501 & SW-502

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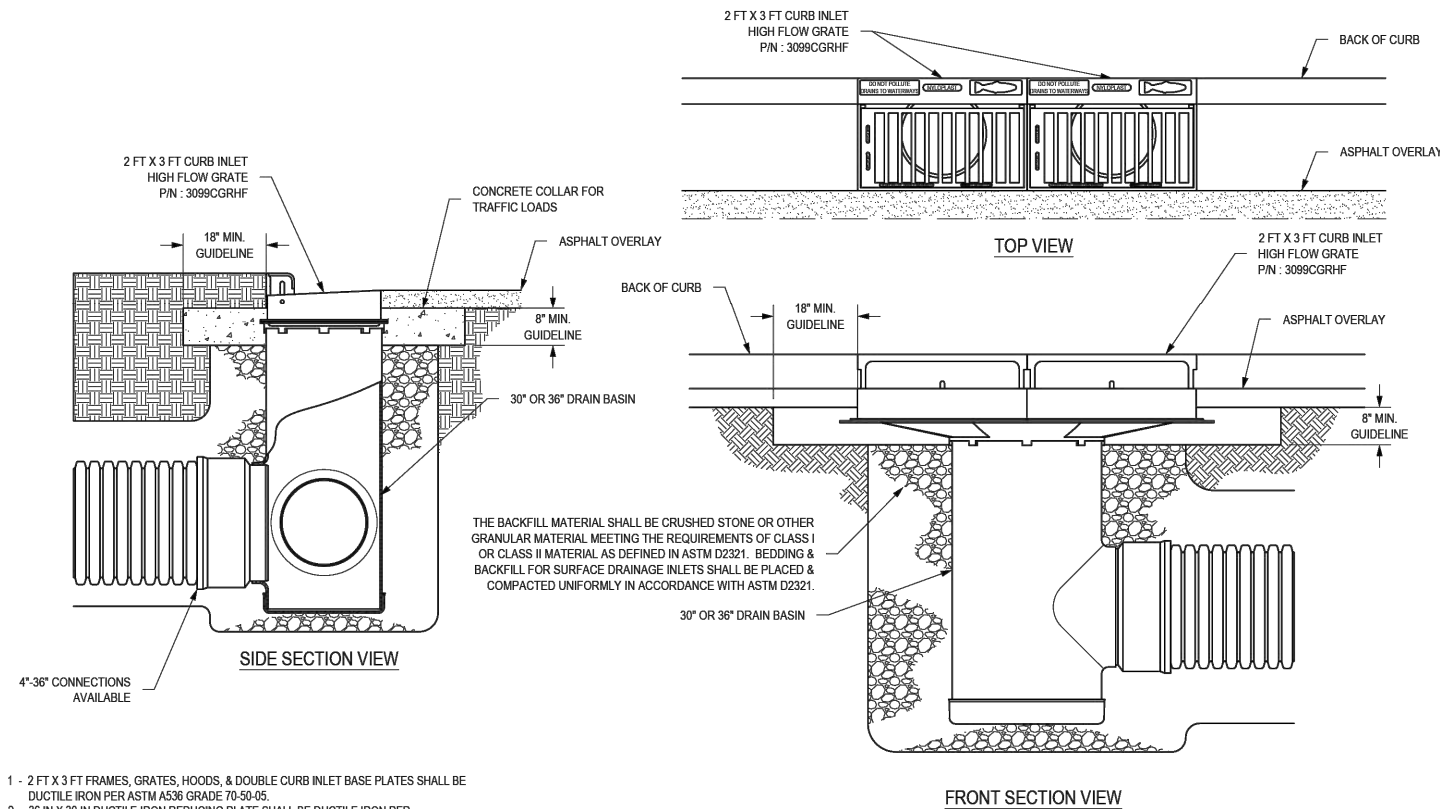
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EQUIVALENT TO SUDAS SW-501 & SW-502

NYLOPLAST DOUBLE 2 FT X 3 FT CURB INLET STRUCTURE EQUIVALENT TO SUDAS SW-505



- 1 - 2 FT X 3 FT FRAMES, GRATES, HOODS, & DOUBLE CURB INLET BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - 36 IN X 30 IN DUCTILE IRON REDUCING PLATE SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
- 5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 6 - ALL CURB INLET GRATE OPTIONS (DIAGONAL & HIGH FLOW) SHALL MEET H-20 LOAD RATING
- 7 - TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

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SW-505

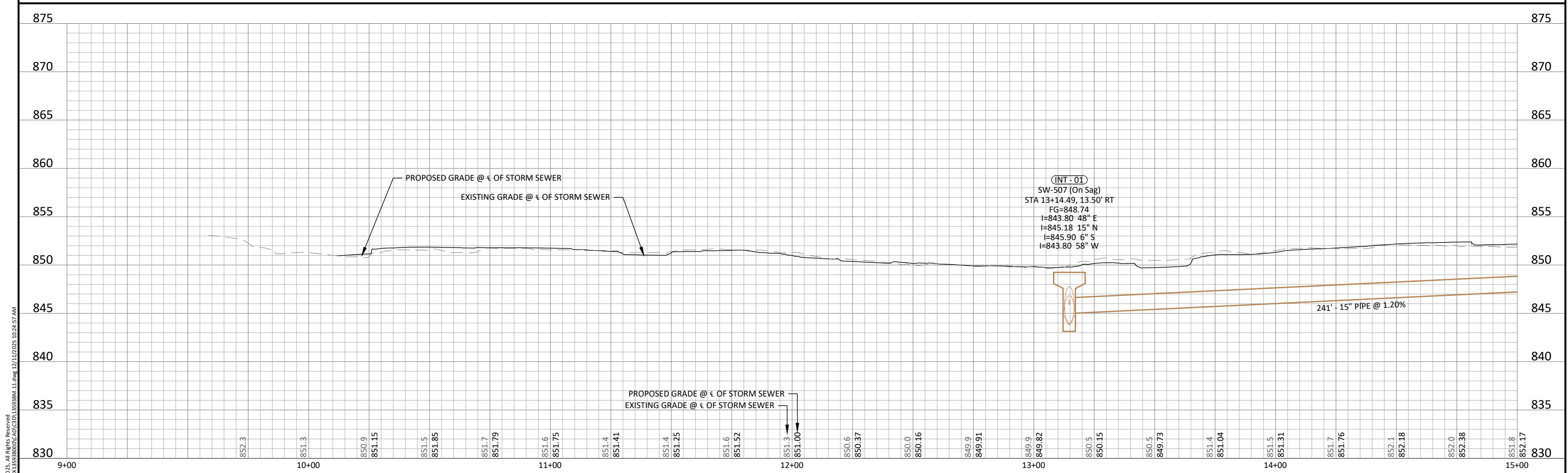
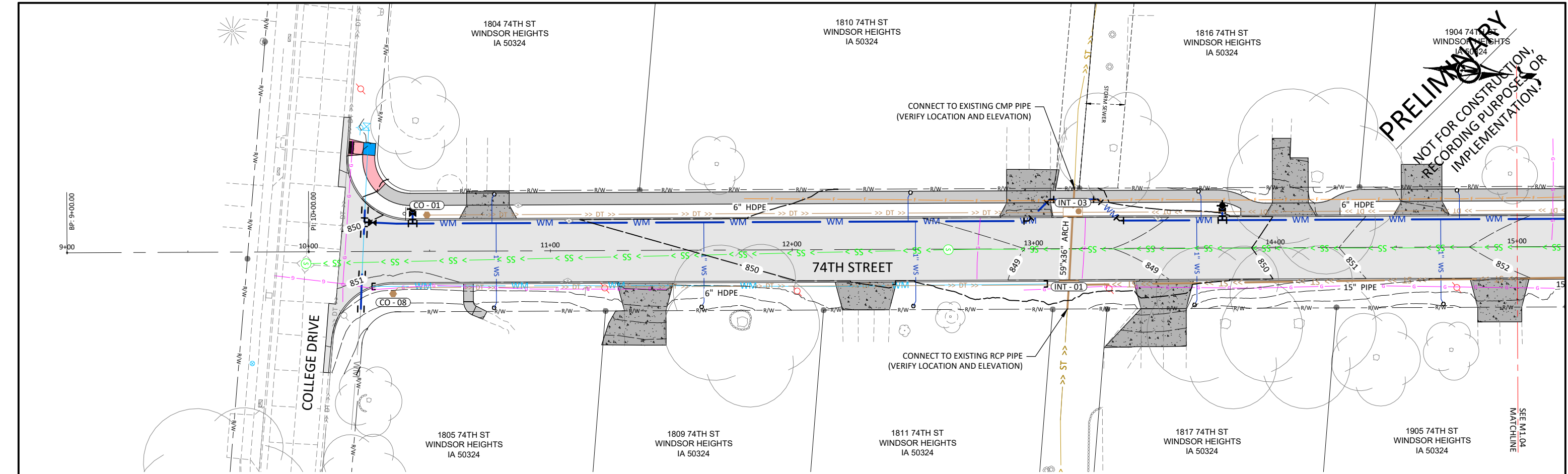
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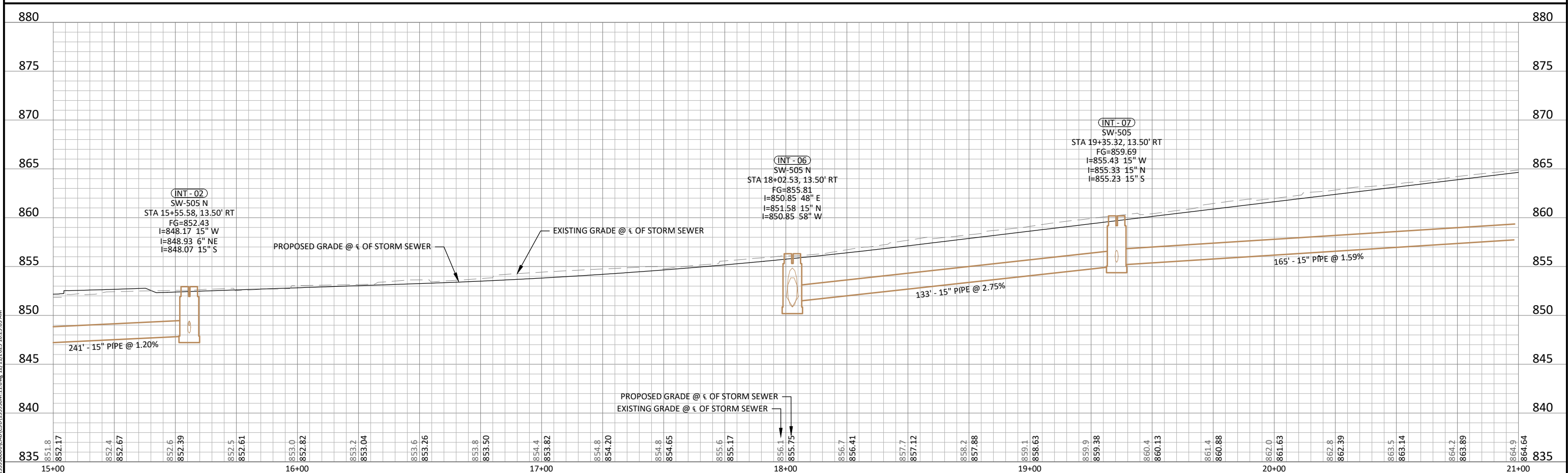
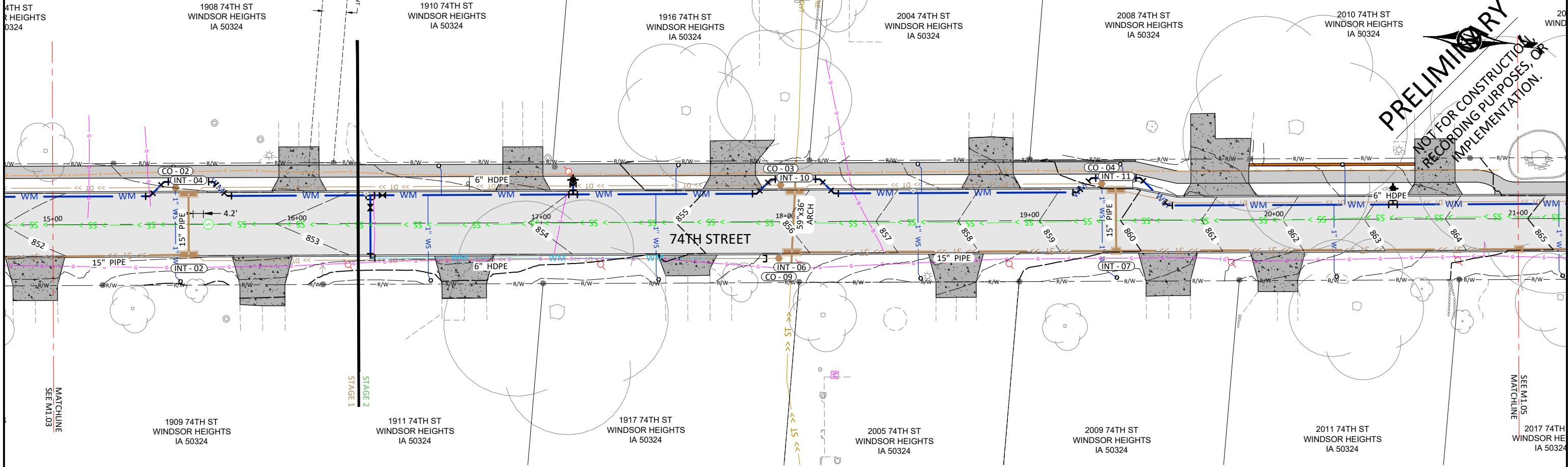
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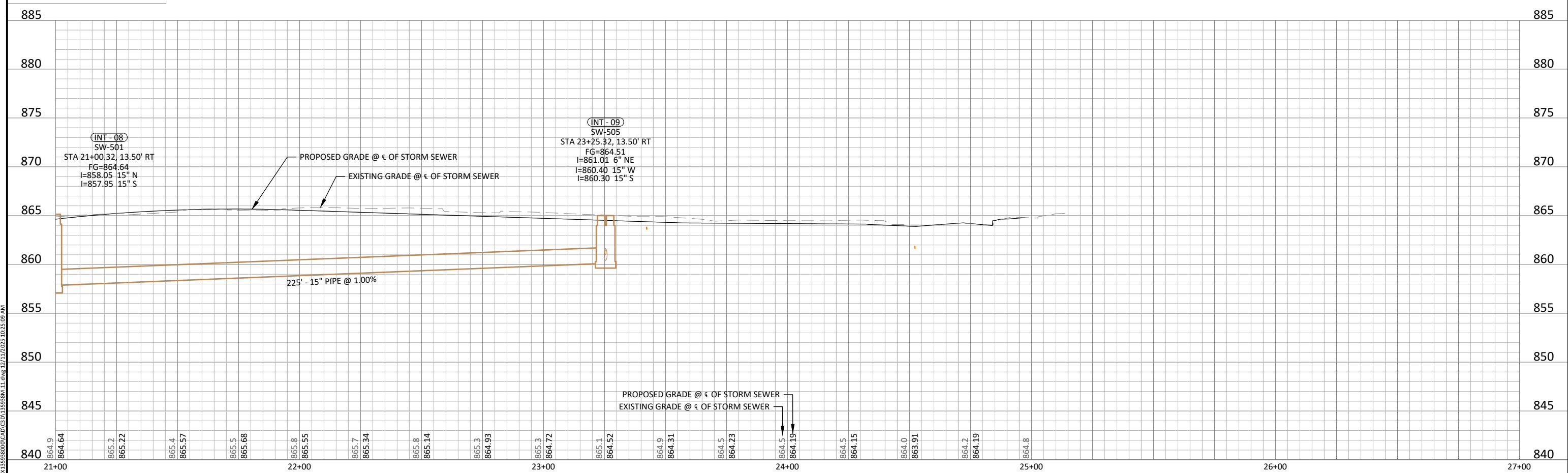
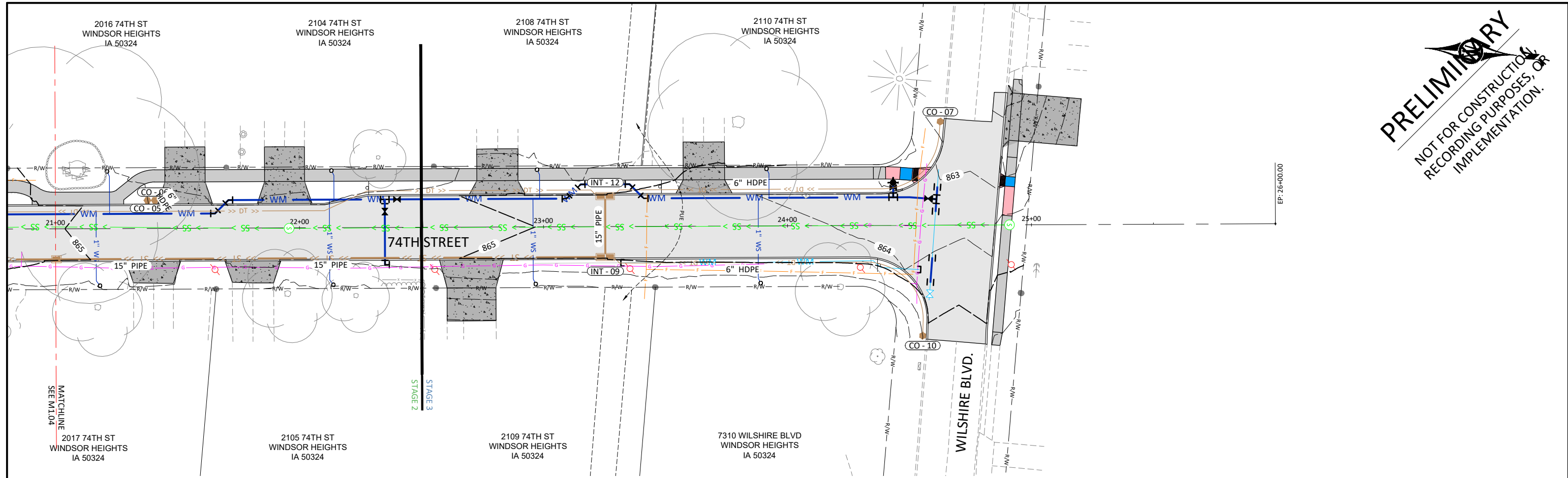
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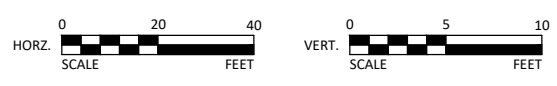
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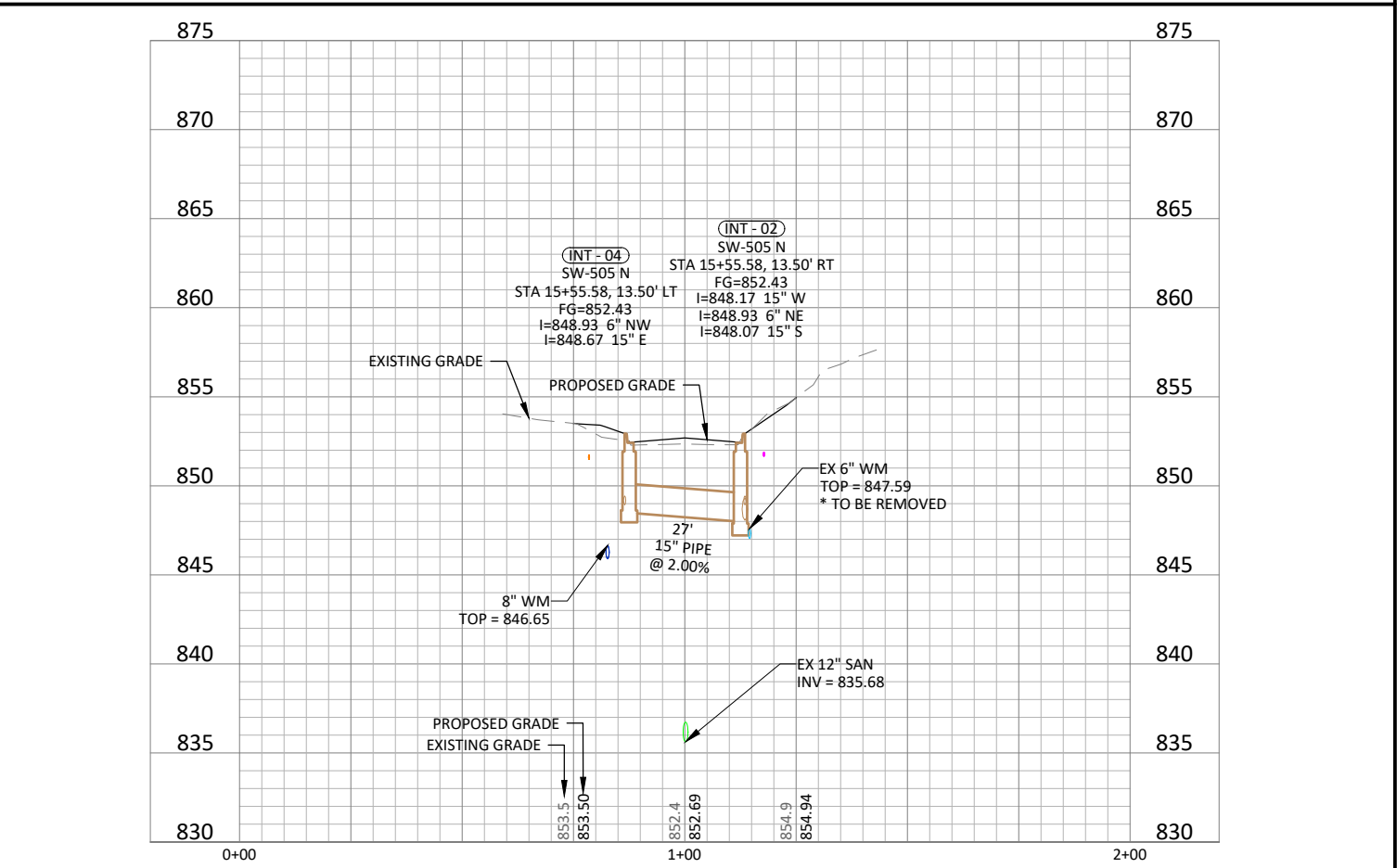
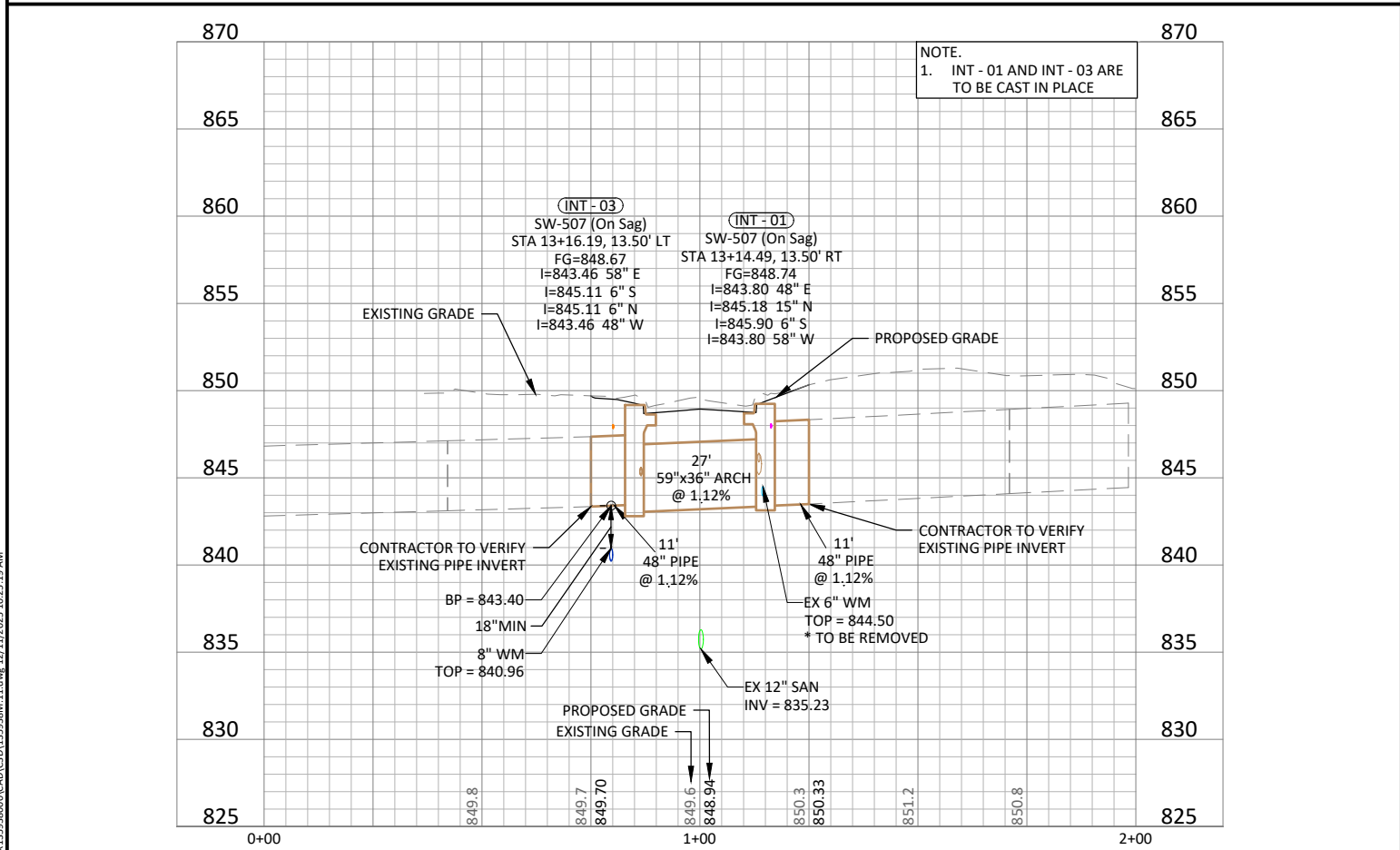
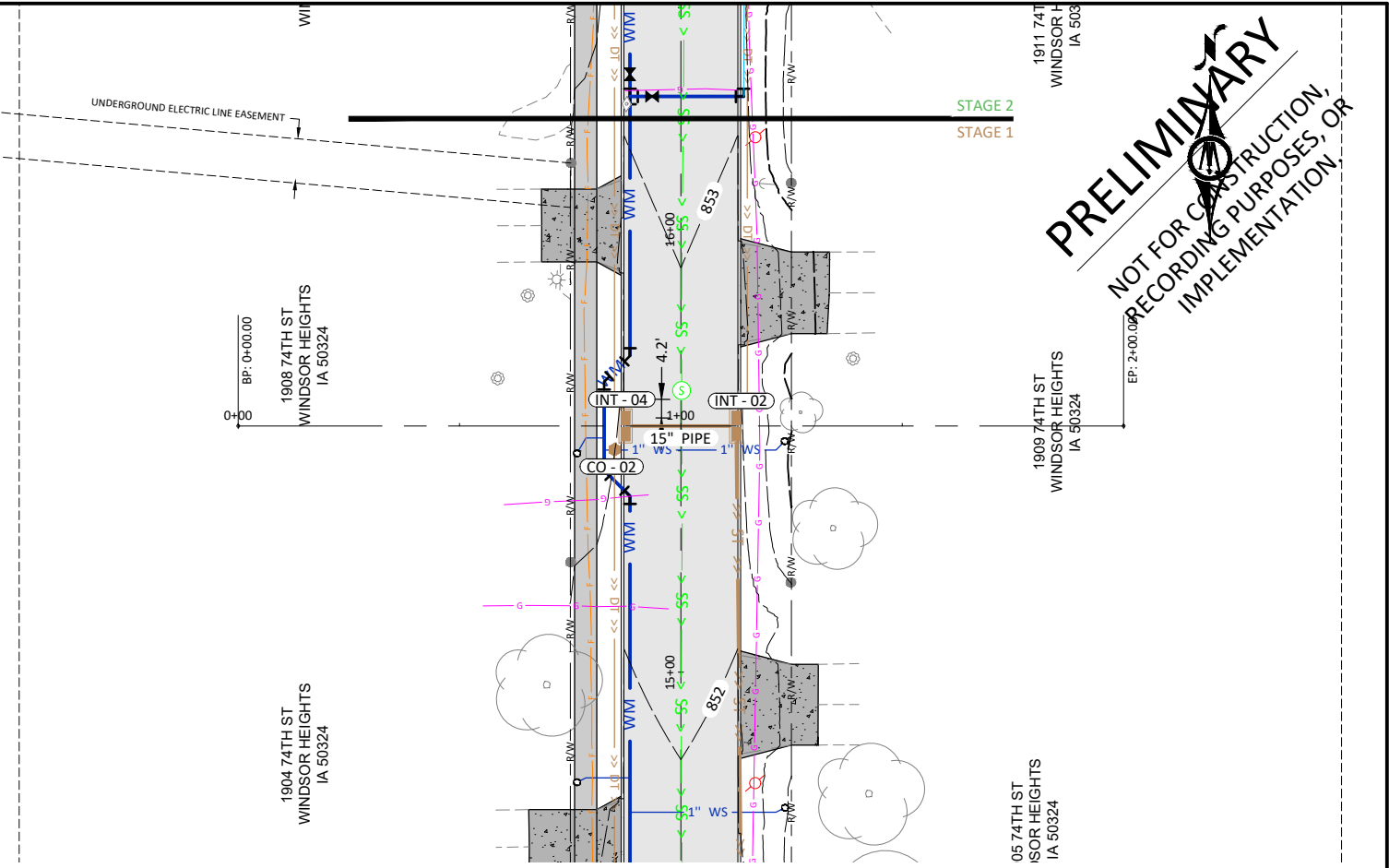
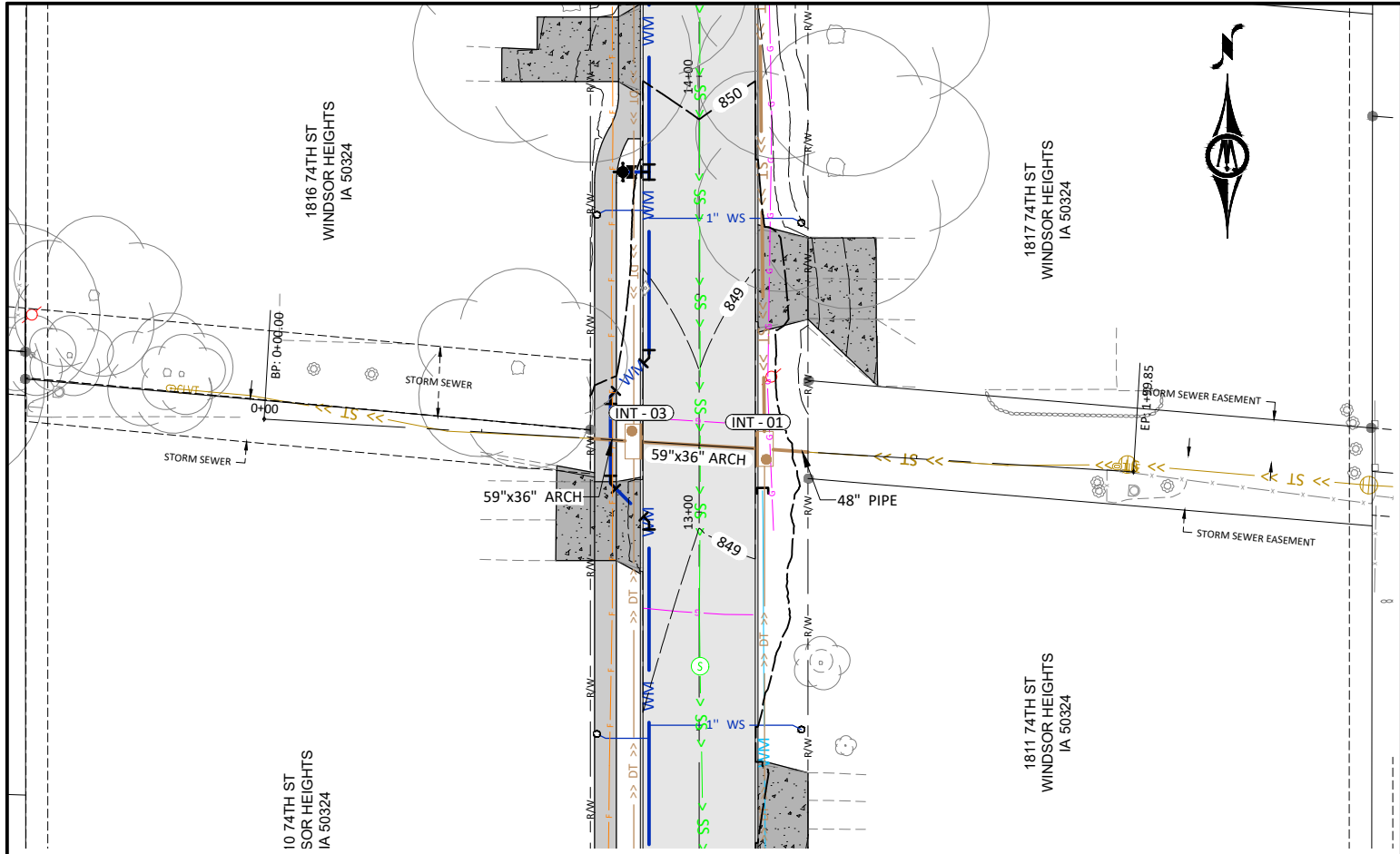
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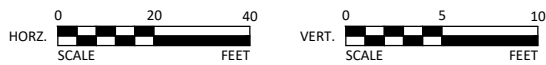
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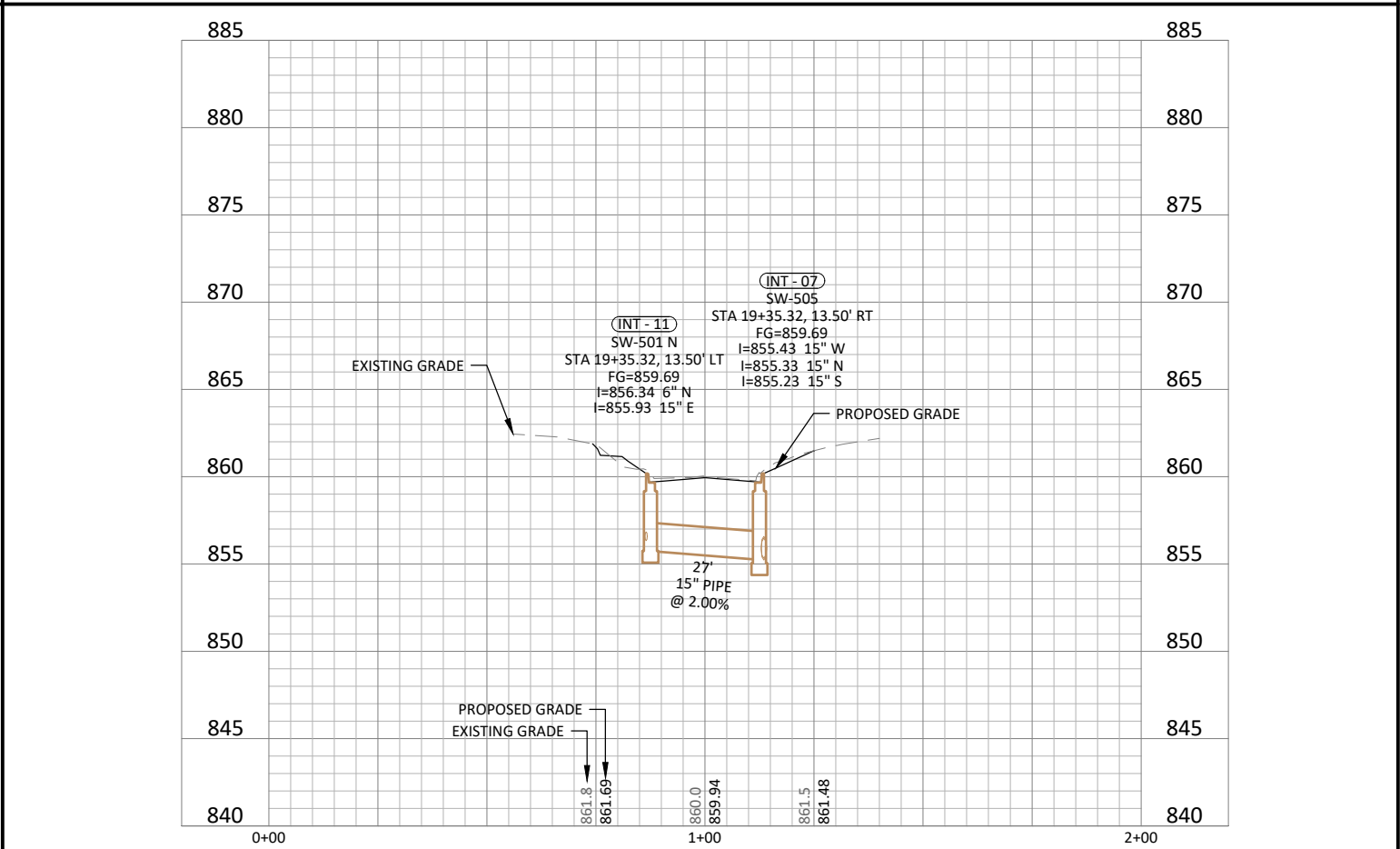
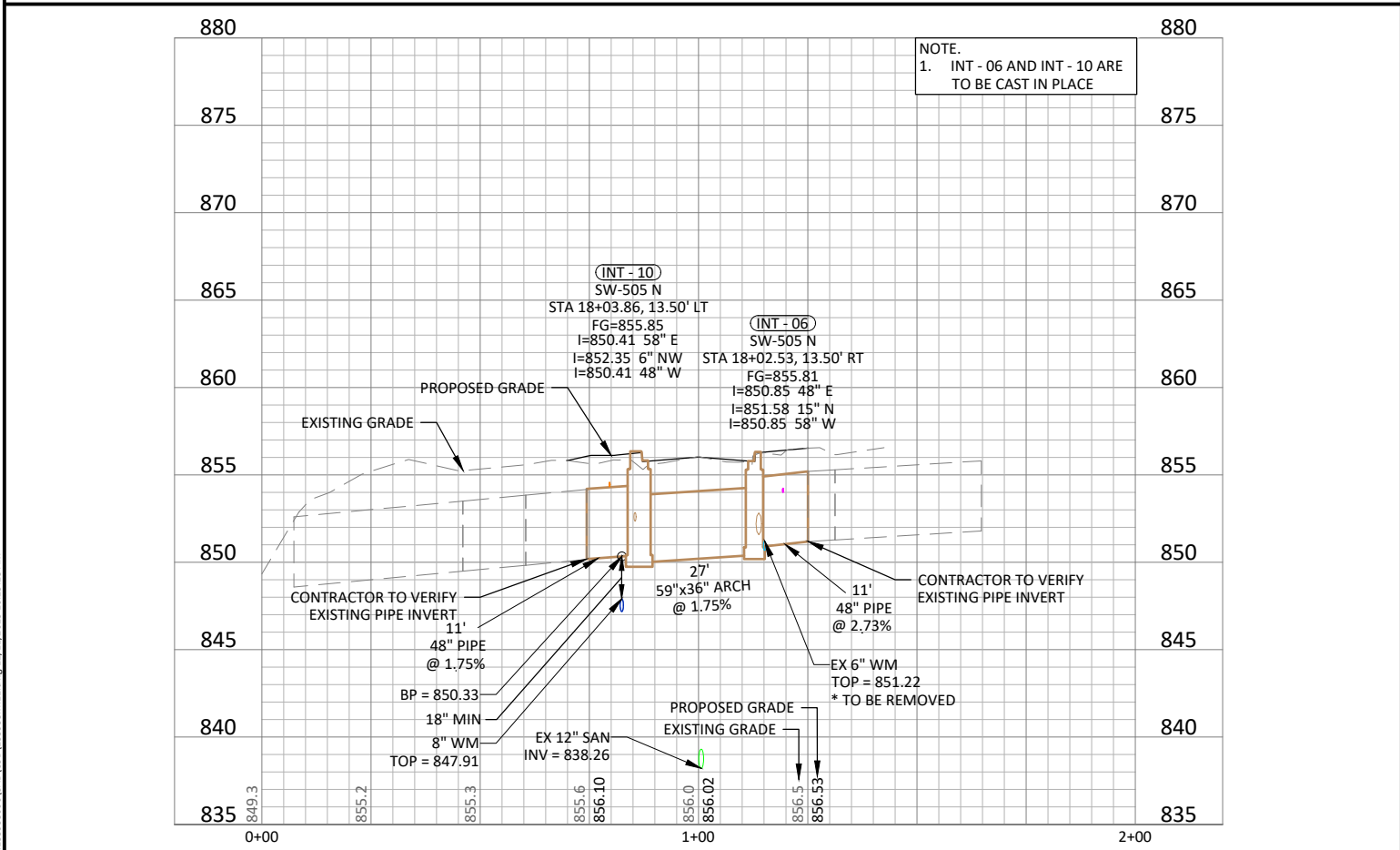
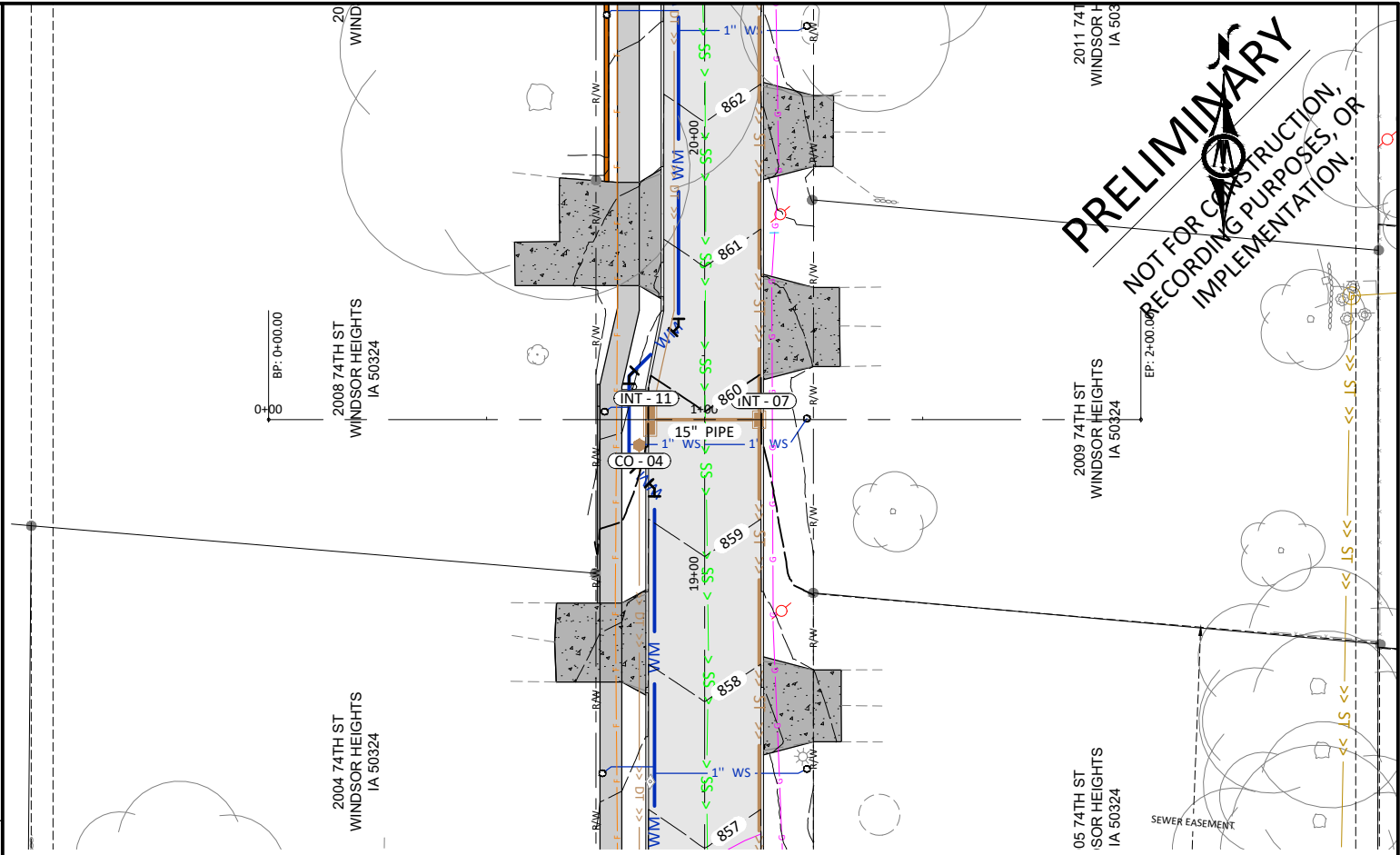
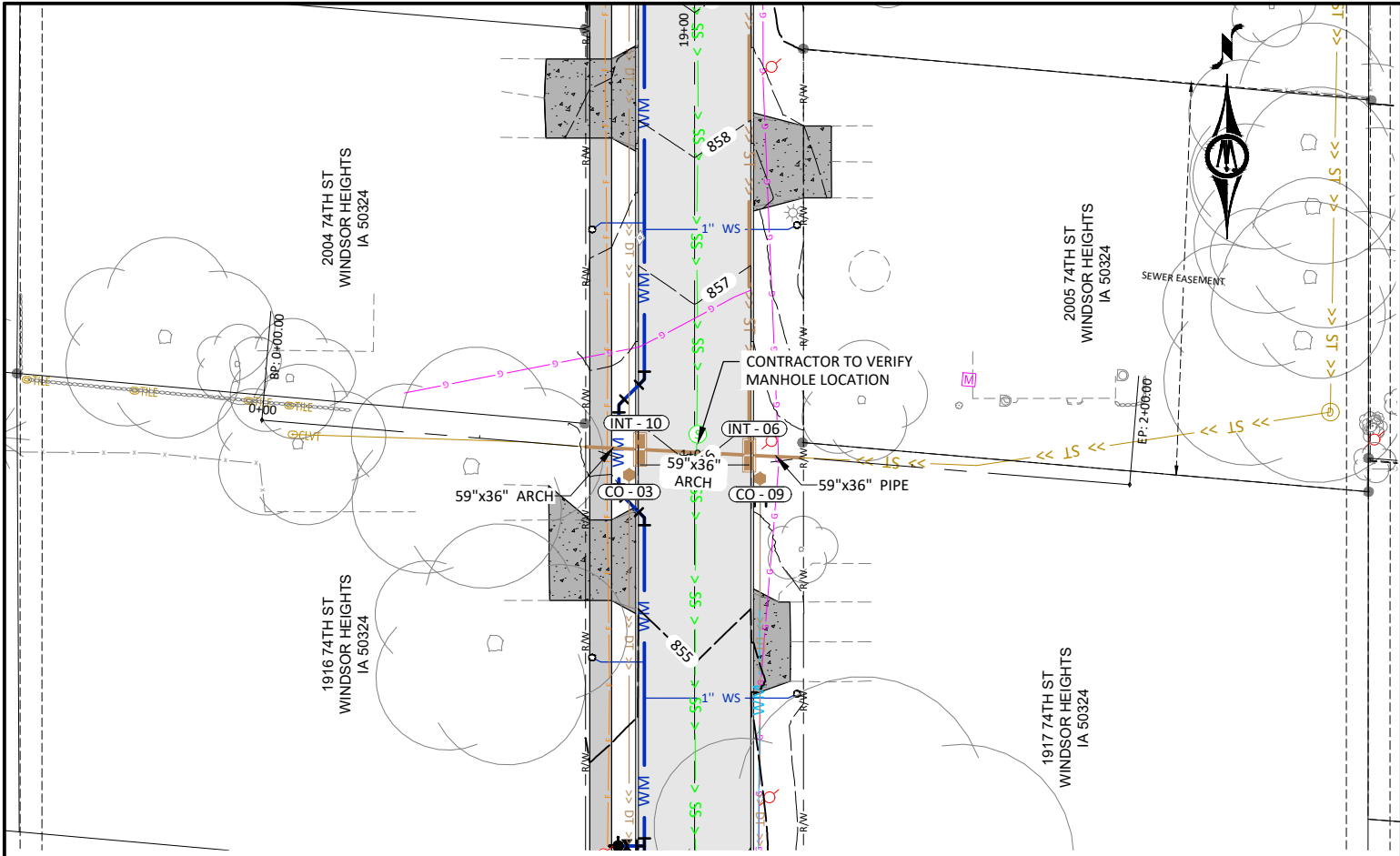
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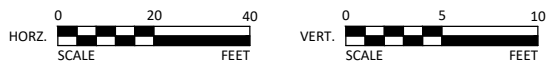
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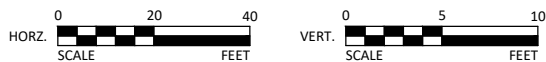
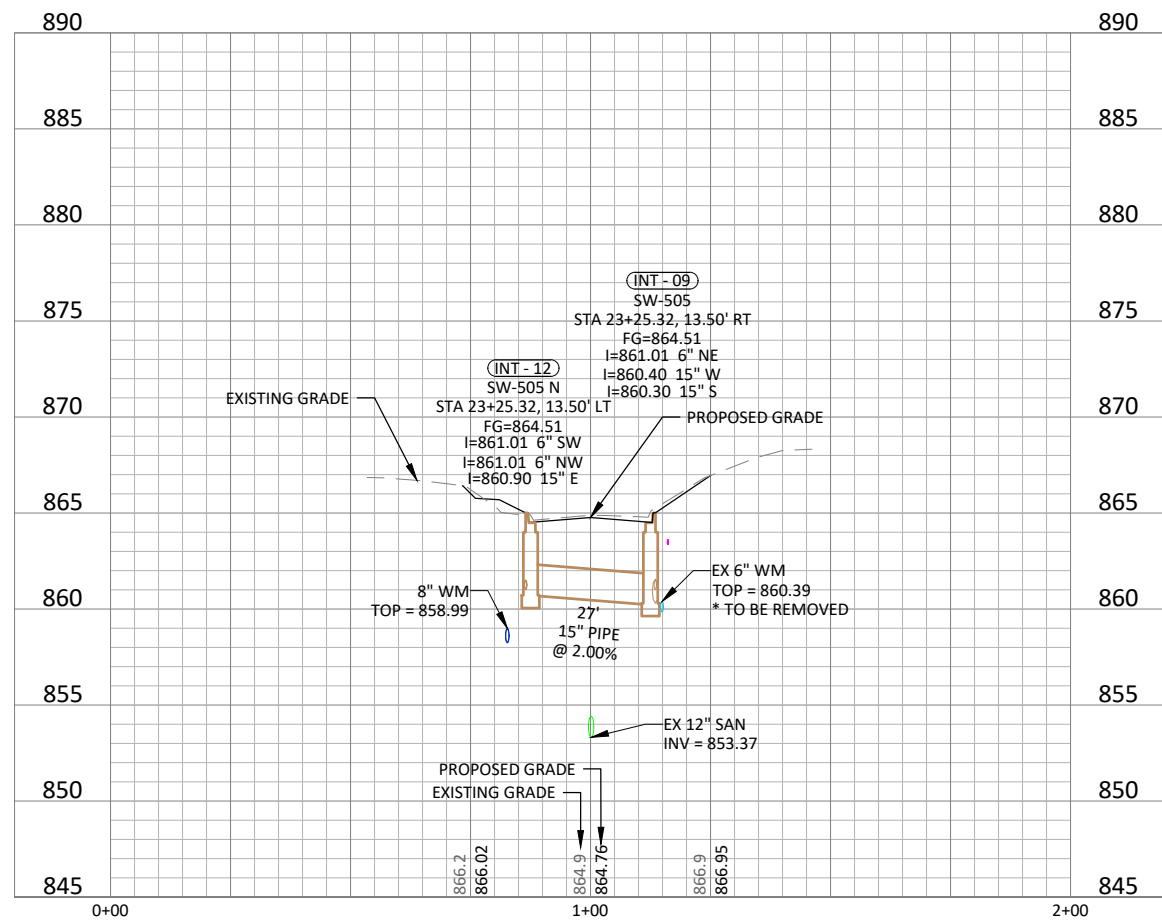
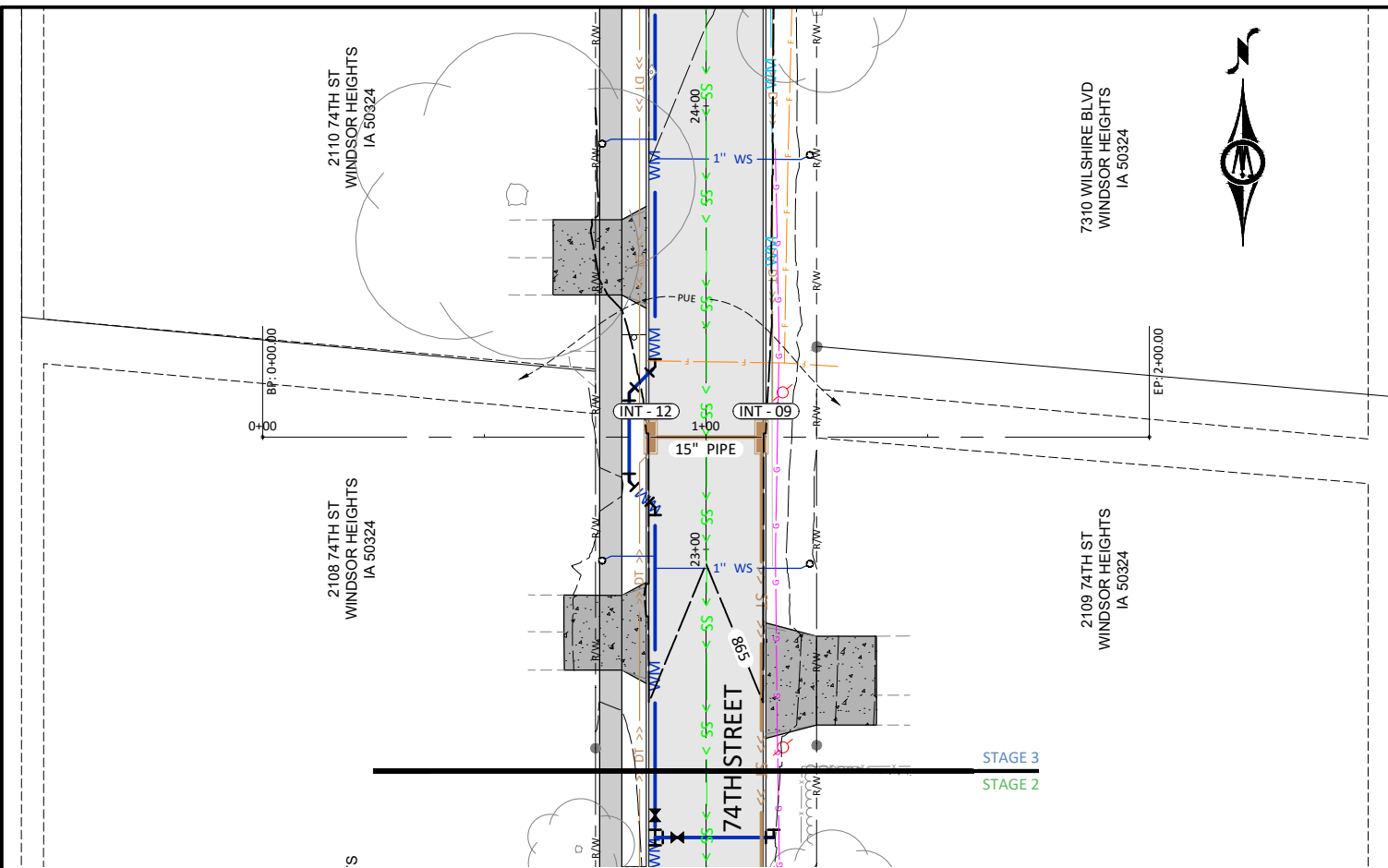
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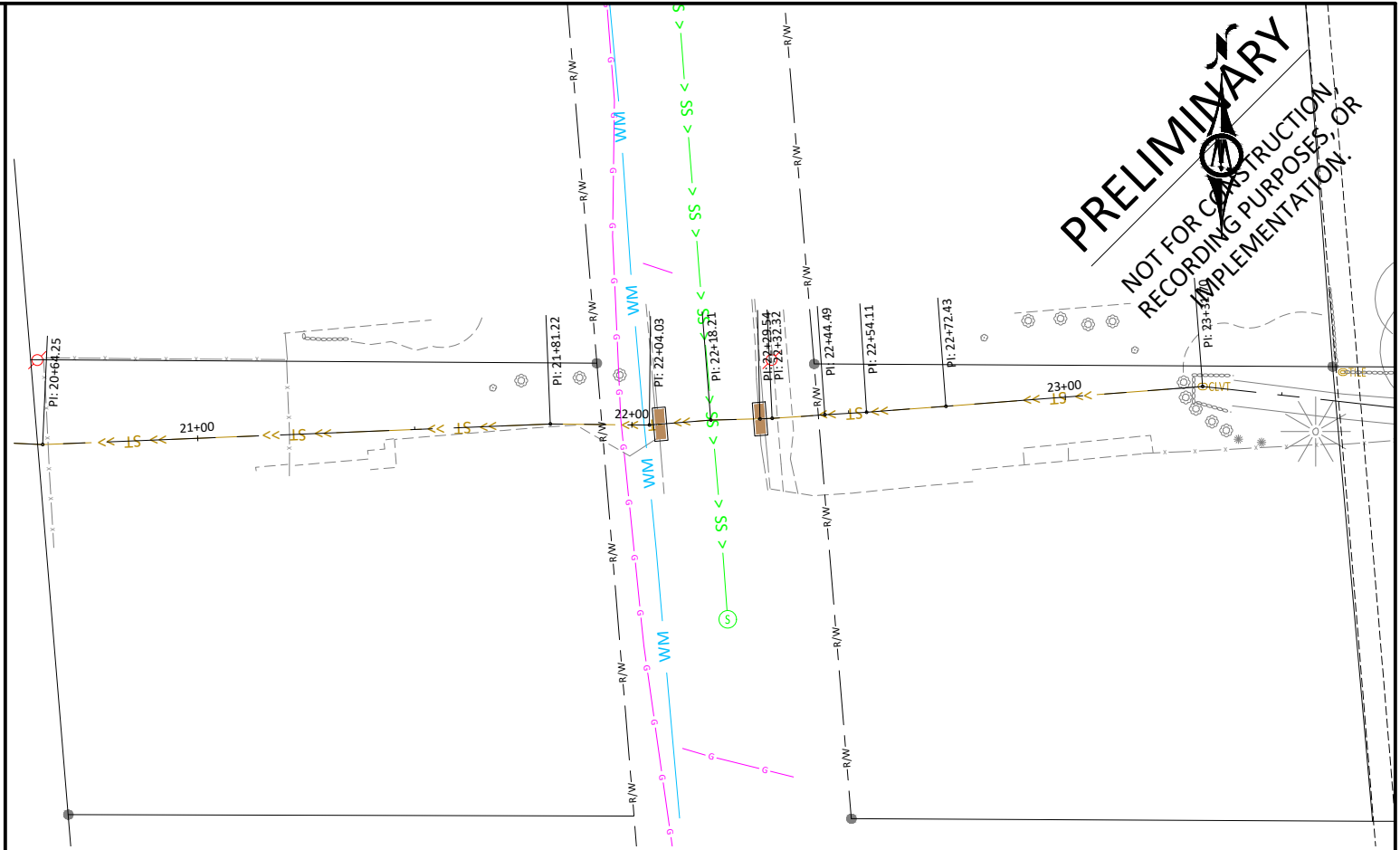
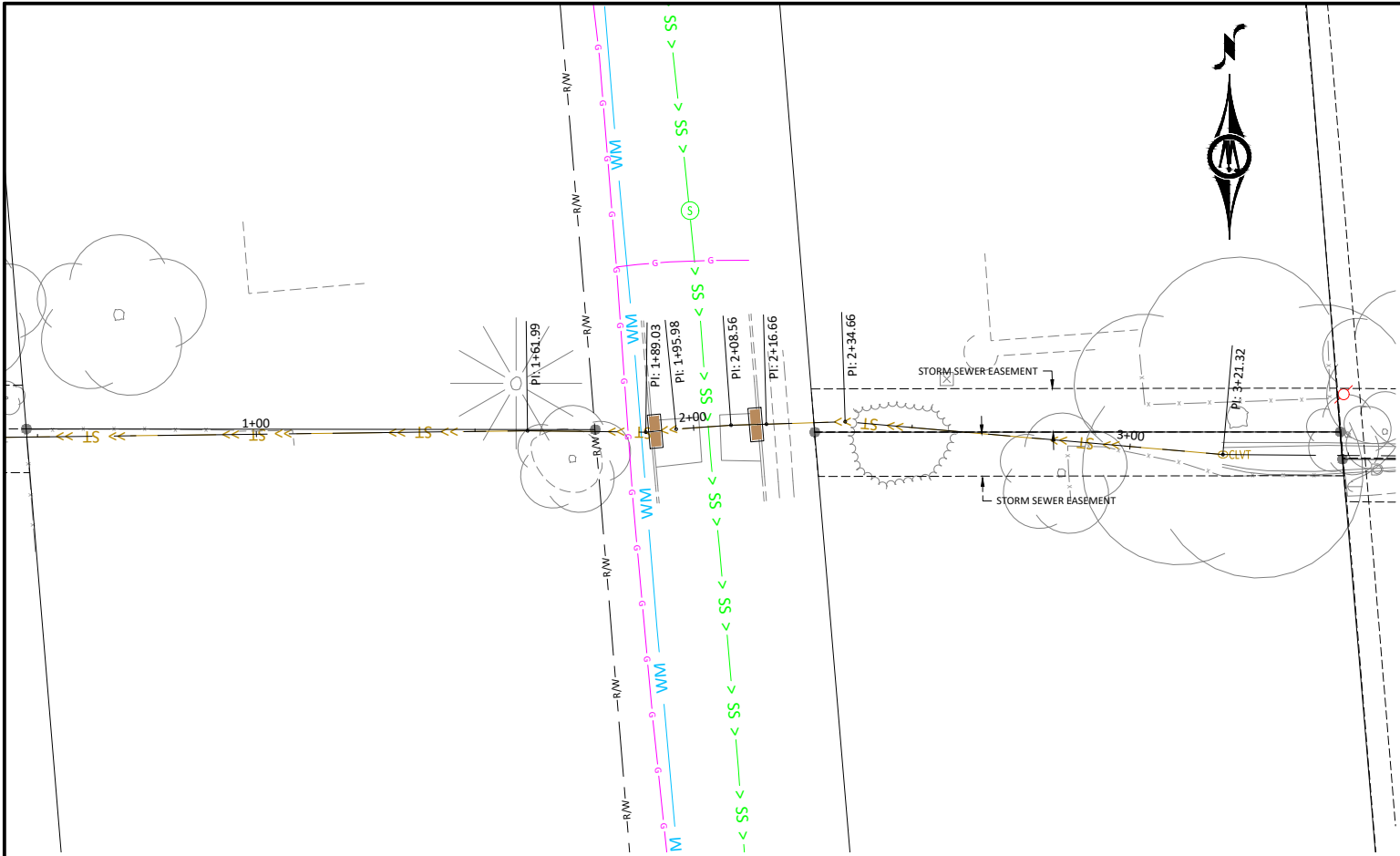


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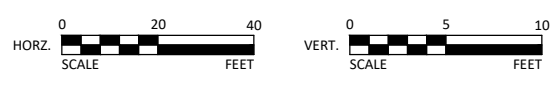
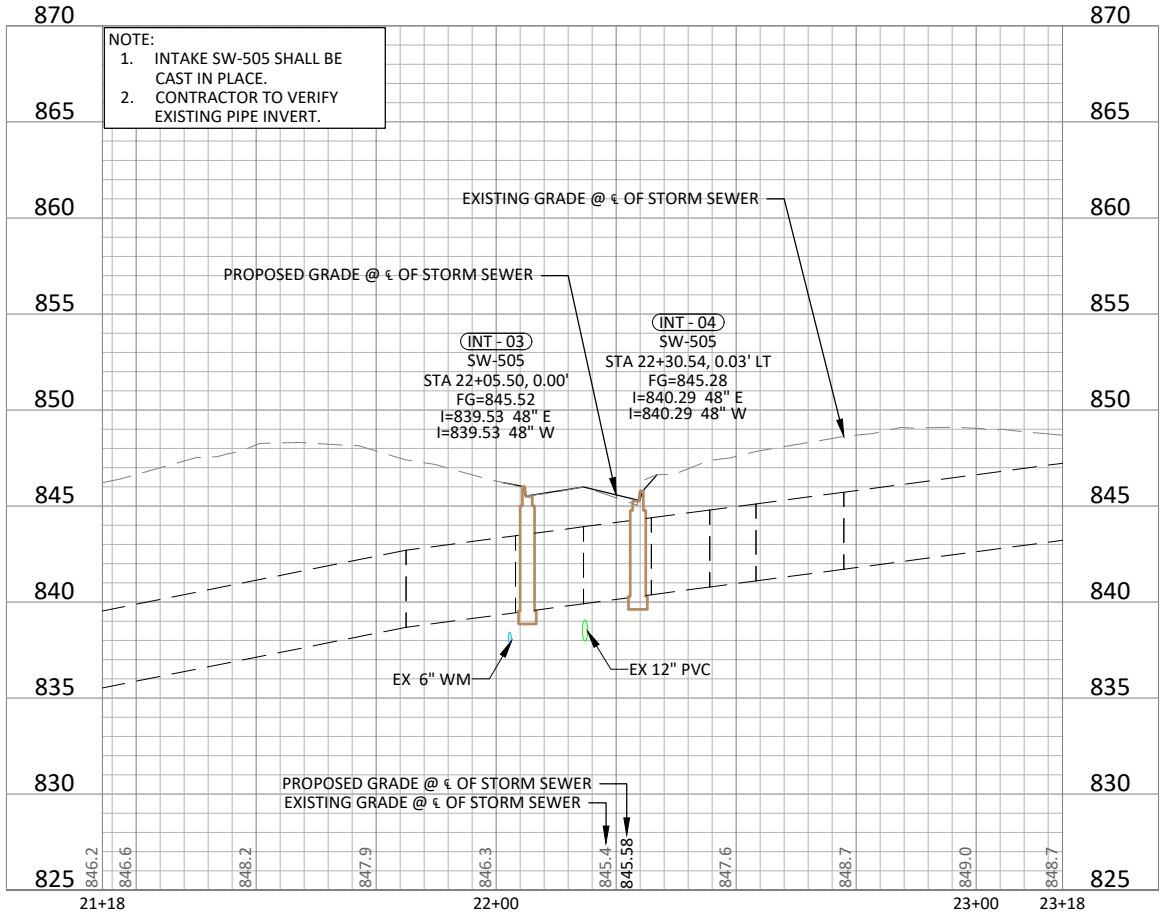
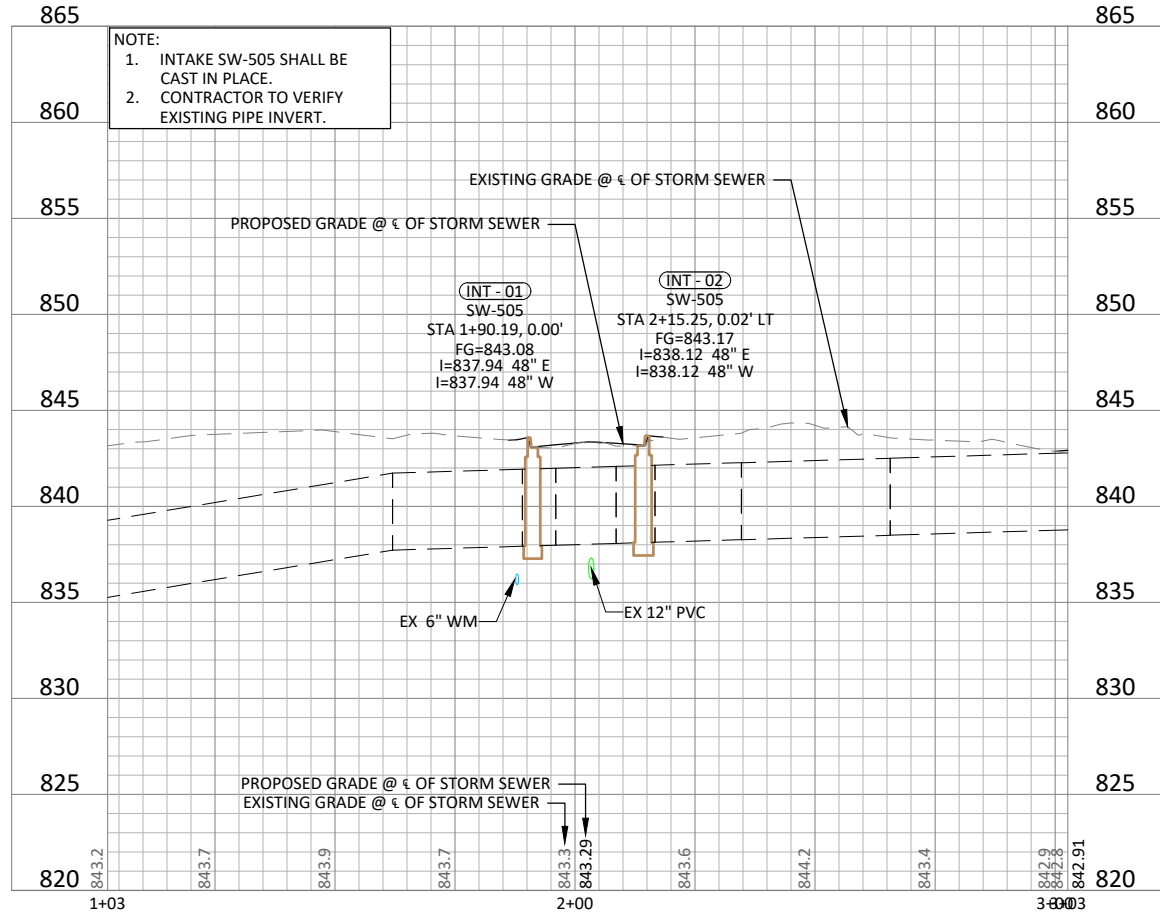
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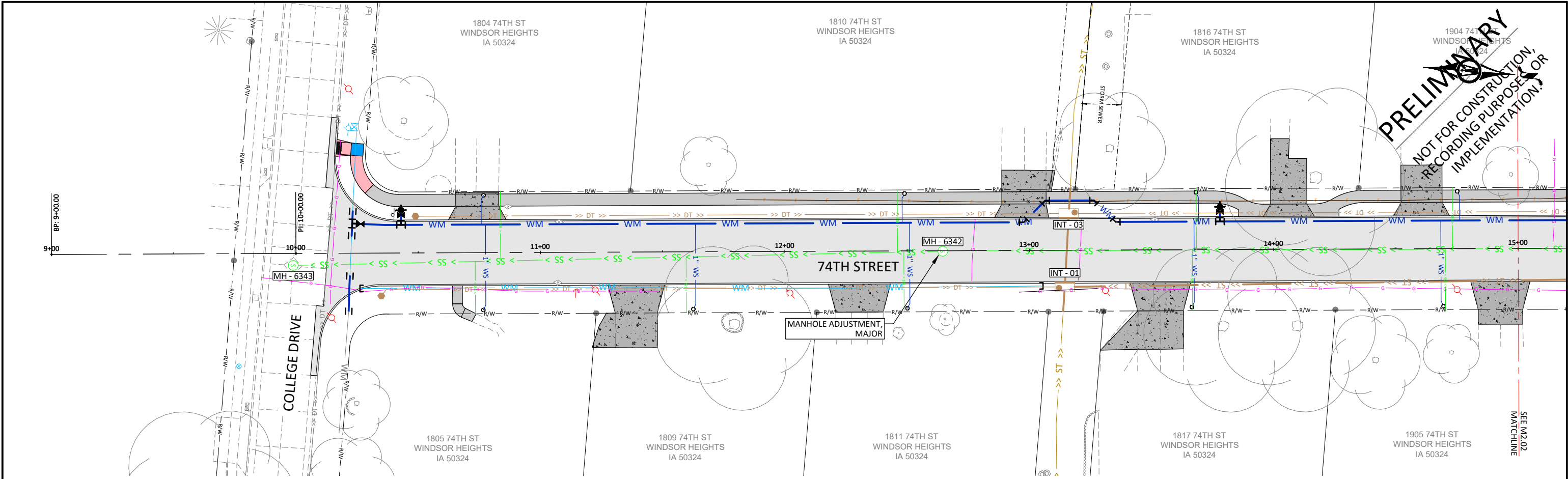
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CLIENT PROJ. NO.	24X135938			

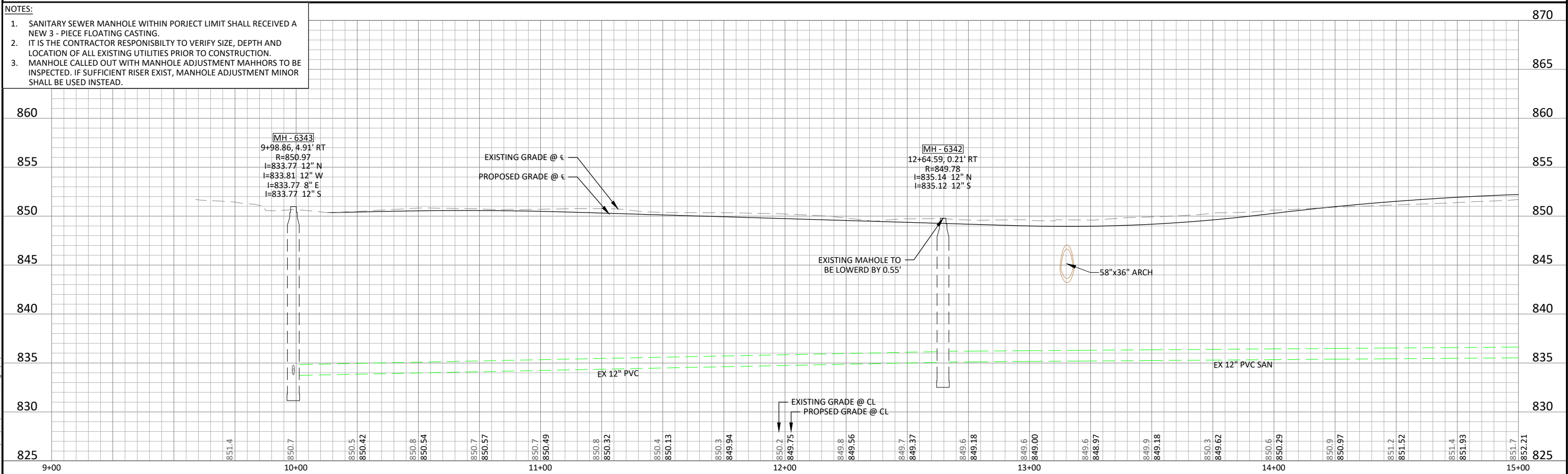
WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
STORM SEWER CROSS-RUNS - 75TH STREET

SHEET

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WINDSOR HIEGHTS, IOWA 24X135938.DWG 12/11/2025 10:25:38 AM



- NOTES:
- 1. SANITARY SEWER MANHOLE WITHIN PROJECT LIMIT SHALL RECEIVED A NEW 3 - PIECE FLOATING CASTING.
 - 2. IT IS THE CONTRACTOR RESPONSIBILITY TO VERIFY SIZE, DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - 3. MANHOLE CALLED OUT WITH MANHOLE ADJUSTMENT MAHORS TO BE INSPECTED. IF SUFFICIENT RISER EXIST, MANHOLE ADJUSTMENT MINOR SHALL BE USED INSTEAD.



0 20 40

HORZ. SCALE FEET

0 5 10

VERT. SCALE FEET

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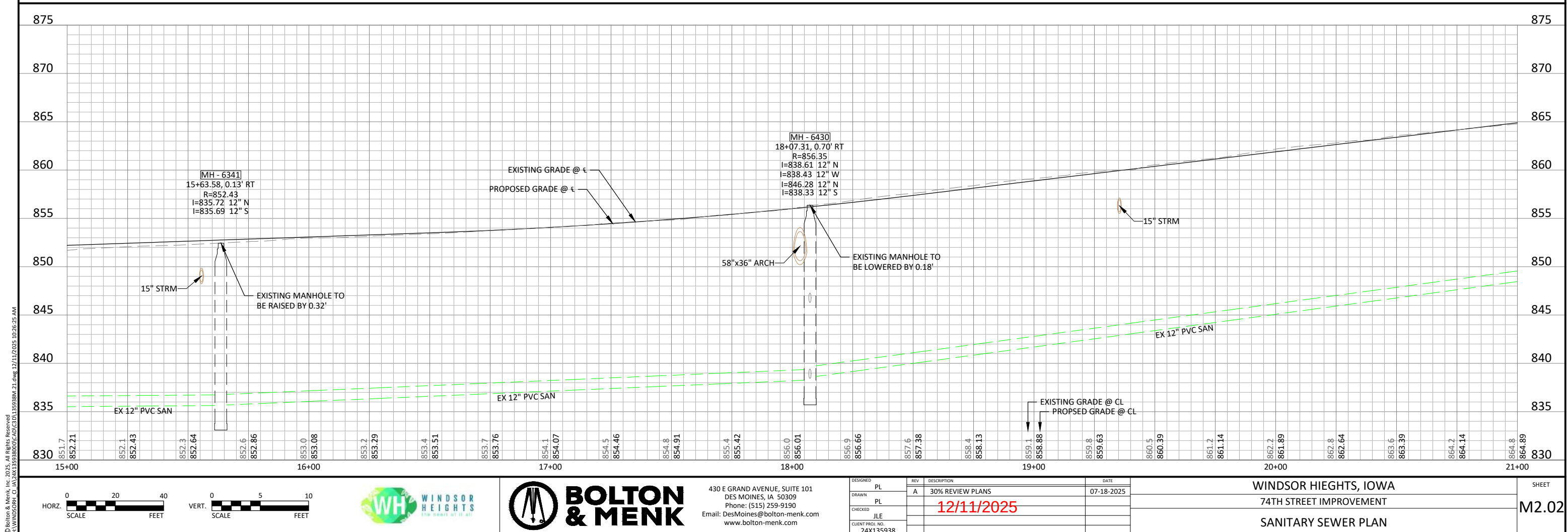
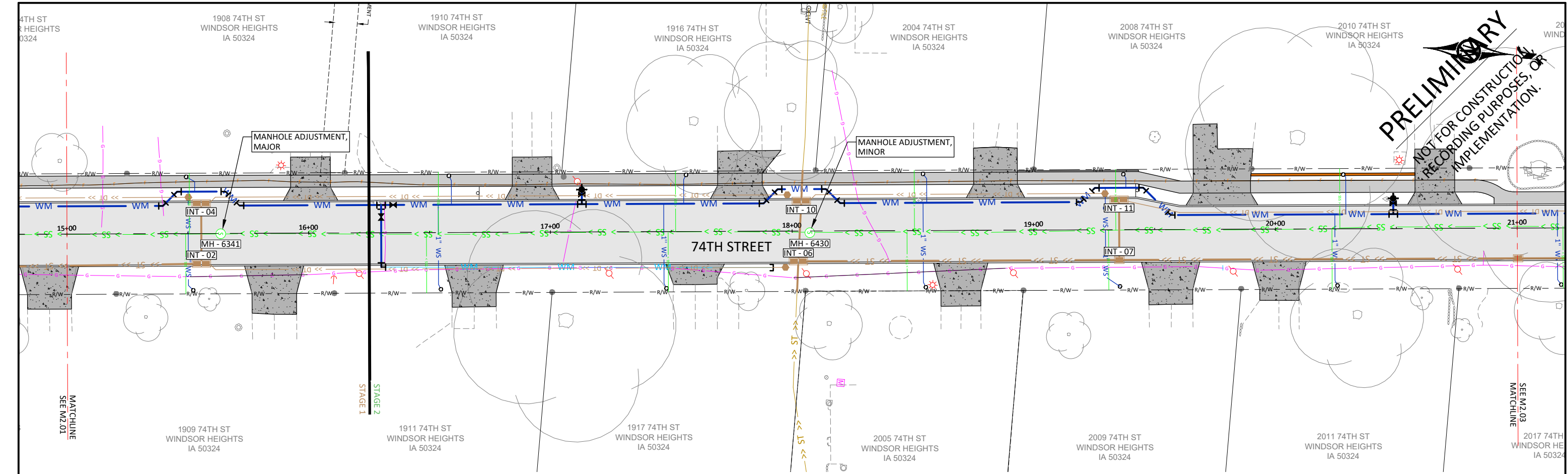
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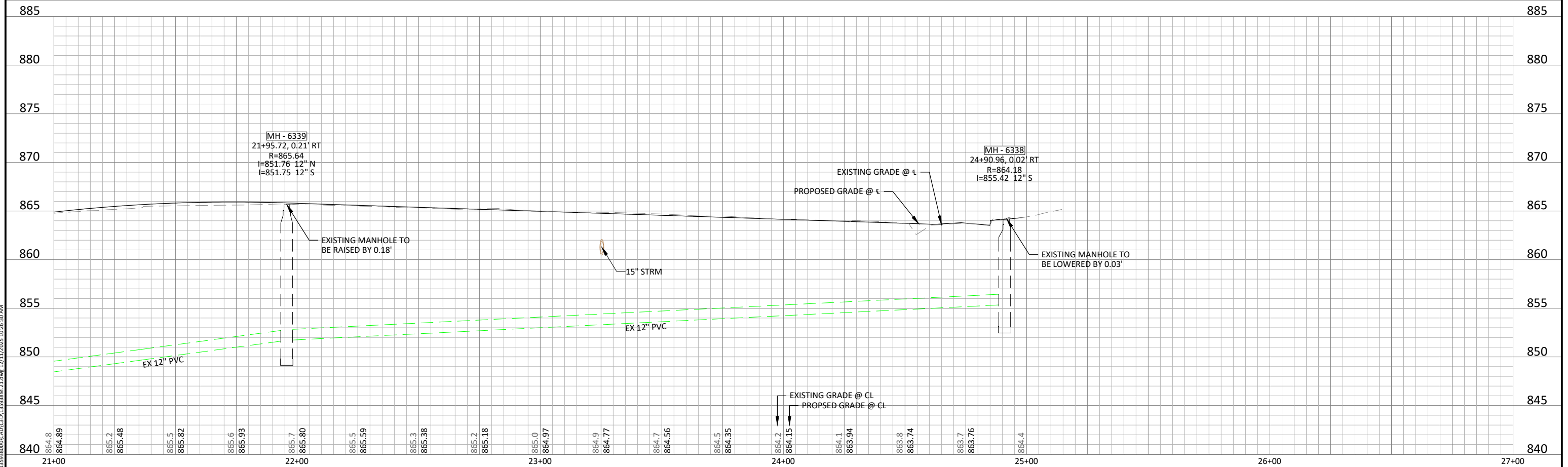
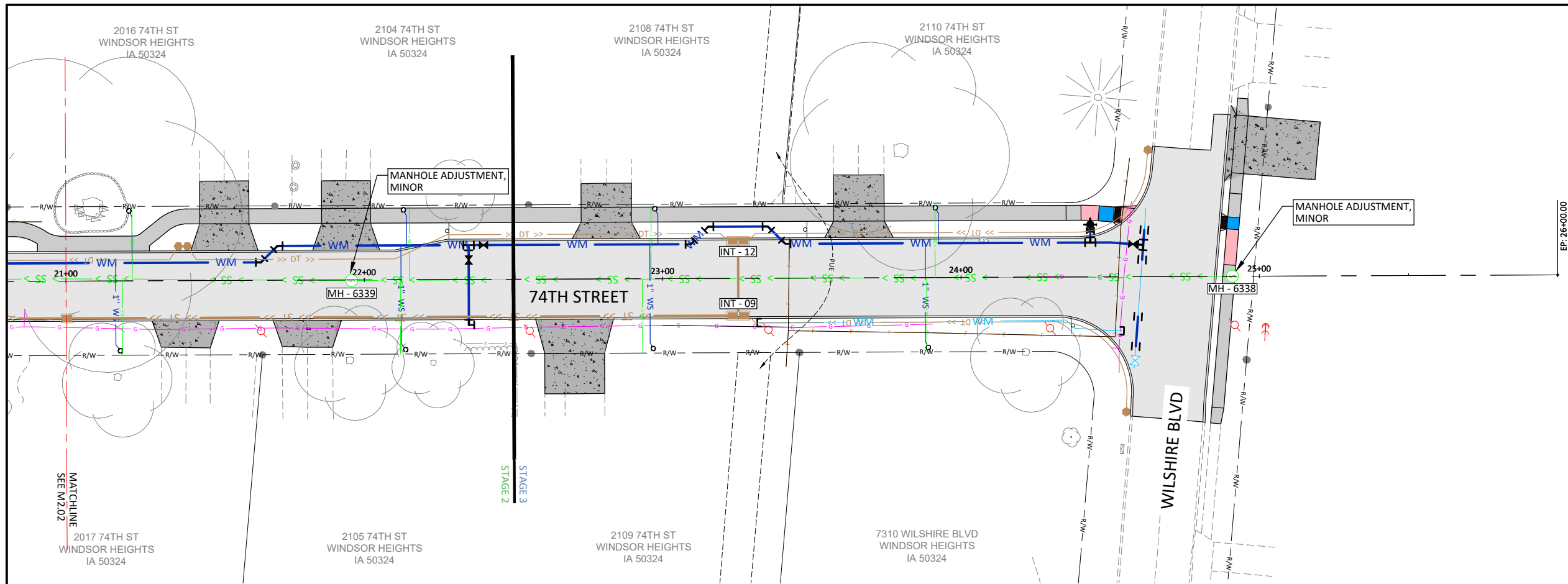
74TH STREET IMPROVEMENT

SANITARY SEWER PLAN

SHEET
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PRELIMINARY
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HORIZ. SCALE
0 20 40
FEET

VERT. SCALE
0 5 10
FEET



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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SANITARY SEWER PLAN

SHEET
M2.03

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WATER MAIN CONSTRUCTION NOTES:

1. SHOP DRAWING REVIEW: DMWW TO REVIEW SHOP DRAWING SUBMITTALS FOR ALL MATERIAL RELATED TO WATER MAIN WORK AS SOON AS PRACTICABLE AFTER NOTICE TO PROCEED AND PRIOR TO PURCHASE. DMWW REQUIRES A MINIMUM OF 15 DAYS FOR REVIEW. CONTRACTOR TO SUBMIT SHOP DRAWINGS ELECTRONICALLY TO:

CARLA SCHUMACHER
CSCHUMACHER@DMWW.COM

OFFICE: (515) 323-6227
2. INSPECTION: A DMWW'S ENGINEERING TECHNICIAN WILL BE ASSIGNED AS AN INSPECTOR FOR THE PROJECT TO INSPECT MATERIALS USED AND WORK DONE FOR CONFORMANCE TO PLANS AND SPECIFICATIONS.
3. PAYMENT: DMWW ENGINEERING TECHNICIAN WILL COORDINATE WITH CITY INSPECTOR FOR INSTALLED QUANTITIES FOR PAY APPLICATIONS.
4. CHANGE ORDERS: CONTRACTOR, DMWW INSPECTOR, AND CITY INSPECTOR TO AGREE ON COMPENSATION **PRIOR** TO COMMENCING ANY WORK THAT IS NOT COVERED BY THE CONTRACT FOR WATER MAIN ITEMS. **WORK PERFORMED PRIOR TO AN AGREEMENT WILL NOT BE CONSIDERED FOR COMPENSATION.**
5. START OF WORK NOTIFICATION: CONTRACTOR TO NOTIFY DMWW ENGINEERING TECHNICIAN 48 HOURS PRIOR TO START OF WATER MAIN RELATED CONSTRUCTION ACTIVITY FOR EACH STAGE OF CONSTRUCTION INVOLVING WATER MAIN INSTALLATION.
6. WATER SHUTDOWNS:

6.1. CONTRACTOR TO NOTIFY CUSTOMERS A MINIMUM OF 24 HOURS IN ADVANCE OF WATER SHUTDOWNS. DMWW WILL PROVIDE DOOR TAGS TO CONTRACTOR. DMWW TO ASSIST CONTRACTOR IN IDENTIFICATION OF SERVICES REQUIRING CUSTOMER NOTIFICATIONS. NOTIFICATIONS ARE INCIDENTAL TO WATER SERVICE BID ITEM.

6.2. CONTRACTOR REQUIRED TO NOTIFY BUSINESS CUSTOMERS A MINIMUM OF 72 HOURS IN ADVANCE OF WATER SHUTDOWNS. COORDINATE WITH DMWW PERSONNEL FOR SCHEDULING AND NOTIFICATIONS. NOTIFICATIONS ARE INCIDENTAL TO WATER SERVICE BID ITEM.

6.3. WATER MAIN SHUTDOWNS MAY NEED TO BE COMPLETED OUTSIDE OF NORMAL WORKING HOURS (7 AM TO 7 PM) TO MINIMIZE IMPACT ON AFFECTED CUSTOMERS. NO ADDITIONAL COMPENSATION WILL BE PAID FOR WORK OUTSIDE NORMAL WORKING HOURS.
7. CONNECTION TO EXISTING WATER MAINS: CONTRACTOR TO NOTIFY DMWW ENGINEERING TECHNICIAN A MINIMUM OF 72 HOURS BEFORE BEGINNING WORK THAT REQUIRES ISOLATION OF A PORTION OF THE DISTRIBUTION SYSTEM.
8. VALVE AND HYDRANT OPERATION: ALL VALVES AND HYDRANTS TO BE OPERATED BY DMWW PERSONNEL ONLY. CONTRACTOR TO COORDINATE WITH ENGINEERING TECHNICIAN 72 HOURS IN ADVANCE OF REQUIRED OPERATION.
9. DISINFECTION:

9.1. WATER MAIN RELOCATION - PRESSURE TEST AND CHLORINATE IN ACCORDANCE WITH SPECIAL PROVISIONS 026740 AND 026750. ALLOW A MINIMUM OF 3 DAYS FOR EACH SECTION TO BE TESTED. AS DESIGNED THERE ARE 3 SECTIONS.

9.2. SHORT STRETCHES OF WATER MAIN AT CONNECTION POINTS MAY BE DISINFECTED BY SWAB METHOD ONLY WHEN THE DMWW ENGINEERING TECHNICIAN IS ON SITE.
10. TAPS ON WATER MAIN:

10.1. CONTRACTOR TO SCHEDULE ALL TAPS WITH DMWW CUSTOMER SERVICE BY CALLING DMWW CUSTOMER SERVICE 24 HOURS PRIOR TO TAP AT 515-283-8700. TAPS INCLUDE:

10.1.1. 1" CHLORINATION TAPS

10.1.2. 1" AND 2" WATER SERVICE TRANSFER TAPS

10.2. TAPPING SLEEVES & VALVES ARE SCHEDULED BY DMWW ENGINEERING TECHNICIAN.

10.3. CONTRACTOR SHALL HAVE EXCAVATION PREPARED AND PROPERLY SHORED IN ADVANCE OF SCHEDULED TAP IN ACCORDANCE WITH DMWW RULES AND REGULATIONS LOCATED AT WWW.DMWW.COM AND OSHA REQUIREMENTS.
11. WATER MAIN SPECIFIC QUESTIONS OR COMPLAINTS FROM CUSTOMERS ARE TO BE REFERRED TO DMWW'S ENGINEERING TECHNICIAN AND CITY INSPECTOR IMMEDIATELY.
12. TRENCHES WILL NOT BE LEFT OPEN WHEN CONTRACTOR IS NOT WORKING. PLACE WATERTIGHT BULKHEADS ON NEW MAIN.
13. TRAFFIC CONTROL FOR THE PROJECT WILL REQUIRE CONSIDERATION OF WATER MAIN CONSTRUCTION REQUIREMENTS, INCLUDING ABANDONMENT OF EXISTING WATER MAIN AND REMOVAL OF HYDRANTS AND VALVE BOXES THAT MAY BE IN THE WAY OF NEW PAVING OR STRUCTURES.
14. PREVENT ANY DIRT OR FOREIGN MATERIAL FROM ENTERING THE NEW MAIN BY INSTALLING TEMPORARY WATER TIGHT PLUG OR CAP ON END OF THE PIPE DURING ANY STOPPAGE OR INSTALLATION.

C900 PVC & CL52 DIP Restrained Joint (RJ) Table									
Nominal Pipe Diameter (in)	Pipe Material**	Minimum Restrained Length (ft)*							
		Horizontal & Vertical (Up) Bend				Vertical (Down) Bend			Cap/Dead End
		11.25°	22.5°	45°	90°	11.25°	22.5°	45°	
16	PVC	7	14	29	70	19	39	80	147
12	PVC	6	11	23	55	15	30	62	113
8	PVC	4	8	16	39	10	21	44	80
16	DIP	7	14	28	70	17	35	73	178
12	DIP	5	10	21	50	14	28	28	139
8	DIP	4	8	16	38	10	19	40	97
*Use restrained joints on all pipe joints that fall within the lengths above on both sides of the fitting indicated.									
**Ductile Iron Pipe (DIP) is assumed to be polyethylene encased									
***This table is based on the following assumptions:									
Soil Type: ML									
Factor of Safety: 2									
Min. Bury Depth: 5									
Test Pressure: 150									
Trench Condition: Type 3									

WATER MAIN FITTING SCHEDULE 74TH ST						
For Information Only						
Item No.	Description	Unit	Unit Weight (lb)	Estimated Quantity	Total Weight	As Built Total
1	6" CAP	EACH	15	5	75	
2	6" 90 BEND	EACH	39	2	78	
3	8" CAP	EACH	22	2	44	
4	8" SLEEVES	EACH	46	8	368	
5	8" 45 BEND	EACH	46	22	1012	
6	8"x6" TEE	EACH	72	2	144	
7	8"x8" TEE	EACH	86	2	172	
TOTAL WATER MAIN FITTINGS (LB.)					1893	
NOTES:						
UNIT WEIGHT MEASUREMENT IS PER AWWA C153 - DUCTILE ITON COMPACT FITTINGS.						

WATER SERVICE SCHEDULE						
EXISTING SERVICE CONNECTION INFORMATION						
SHEET	ADDRESS	STREET TAPPED	NAME	SERVICE SIZE	MATERIAL TYPE	CONNECTION TYPE
MWM.04	1804 74TH ST	74TH ST	BURNS, KRISTIE L		NON - LEAD	
MWM.04	1805 74TH ST	74TH ST	RUTH, JOE JR RUTH, KERRY A		NON - LEAD	
MWM.04	1809 74TH ST	74TH ST	SOUTHWICK, CHARLES W		NON - LEAD	
MWM.04	1810 74TH ST	74TH ST	DOZIER, SHARON L MC DONALD, JAMES E		NON - LEAD	
MWM.04	1811 74TH ST	74TH ST	SOUTHWICK, DANIEL		NON - LEAD	
MWM.04	1816 74TH ST	74TH ST	PHILLIPS, GREGORY U		NON - LEAD	
MWM.04	1817 74TH ST	74TH ST	JOAN M MICKLE TRUST MICKLE, JOAN M		NON - LEAD	
MWM.04	1904 74TH ST	74TH ST	JORGENSEN, CHERYL ANN		NON - LEAD	
MWM.04	1905 74TH ST	74TH ST	BEARD, BRADLEY L BEARD, CAROL P		NON - LEAD	
MWM.05	1908 74TH ST	74TH ST	MAZZA, JOSEPH J		NON - LEAD	
MWM.05	1909 74TH ST	74TH ST	OLSON, MICHAEL D TUCKER, MEGAN		NON - LEAD	
MWM.05	1910 74TH ST	74TH ST	BURNHAM, JEFFREY E BURNHAM, NATALIE M		NON - LEAD	
MWM.05	1911 74TH ST	74TH ST	IBSEN, V JANE		NON - LEAD	
MWM.05	1916 74 TH ST	74TH ST	GRANZOW, BARBARA A GRANZOW, RONALD L		NON - LEAD	
MWM.05	1917 74 TH ST	74TH ST	ADDY-PARKS, TINA M PARKS, DAVID C		NON - LEAD	
MWM.05	2004 74TH ST	74TH ST	SHNURMAN, JACOB		NON - LEAD	
MWM.05	2005 74TH ST	74TH ST	DE PHILLIPS, ANN M DE PHILLIPS, LEONARD		NON - LEAD	
MWM.05	2008 74TH ST	74TH ST	IVERS, CAROLYN		NON - LEAD	
MWM.05	2009 74TH ST	74TH ST	NELSON, REBECCA E NELSON, WARREN S		NON - LEAD	
MWM.05	2010 74TH ST	74TH ST	CARLSON, CARLA L CARLSON, LEIGHTON		NON - LEAD	
MWM.05	2011 74TH ST	74TH ST	SPIECE, ALLEN D		NON - LEAD	
MWM.06	2016 74TH ST	74TH ST	LEINO, CONSTANCE A		NON - LEAD	
MWM.06	2017 74TH ST	74TH ST	KYAW, KHIN MEN, SU		NON - LEAD	
MWM.06	2104 74TH ST	74TH ST	BROWN, ASHLEY CARLSEN, CARSTEN		NON - LEAD	
MWM.06	2105 74TH ST	74TH ST	NEWMAN, CASEY JAMES NEWMAN, TAYLOR ROSE		NON - LEAD	
MWM.06	2108 74TH ST	74TH ST	MAUSS, JEAN		NON - LEAD	
MWM.06	2109 74TH ST	74TH ST	DRELLER, STEPHEN J JESHANI, YASMIN B		NON - LEAD	
MWM.06	2110 74TH ST	74TH ST	EWOLDSEN, JOHN A EWOLDSEN, LINDA C		NON - LEAD	
MWM.06	7310 WILSHIRE BLVD	74TH ST	DEIST-WILLHITE, PATRICIA E WILLHITE, DONALD G JR		NON - LEAD	



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WINDSOR HIEGHTS, IOWA

74TH STREET IMPROVEMENT

WATER MAIN GENERAL NOTES

SHEET

MWM.01

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WATERMAIN FITTING TABLE						
ITEM	STATION	STREET	SIDE (L/R)	TYPE	SIZE	REMARKS
1	10+21.48	74TH ST	23.77 R	SOLID SLEEVE	8"	
2	10+22.04	74TH ST	9.35 R	SOLID SLEEVE	8"	
3	10+22.83	74TH ST	7.14 L	SOLID SLEEVE	8"	
4	10+23.08	74TH ST	12.14 L	MJxAJ TEE	8"x8"	
5	10+23.32	74TH ST	17.13 L	SOLID SLEEVE	8"	
6	10+26.57	74TH ST	11.97 L	VALVE	8"	
7	10+26.80	74TH ST	14.43 R	CAP	6"	
8	10+43.04	74TH ST	11.50 L	MJxMJ TEE	8"x6"	PART OF HYDRANT ASSEMBLY
9	12+94.74	74TH ST	11.50 L	45° BEND	8"	VERTICAL AND HORIZONTAL
10	13+04.91	74TH ST	14.53 R	CAP	6"	PERMANENT
11	13+06.57	74TH ST	20.33 L	45° BEND	8"	HORIZONTAL
12	13+26.57	74TH ST	20.33 L	45° BEND	8"	HORIZONTAL
13	13+35.41	74TH ST	11.50 L	45° BEND	8"	VERTICAL AND HORIZONTAL
14	13+78.04	74TH ST	11.50 L	MJxMJ TEE	8"x6"	PART OF HYDRANT ASSEMBLY
15	15+39.75	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
16	15+45.58	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
17	15+65.58	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
18	15+71.41	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
19	16+30+00	74TH ST	11.50 L	MJxAJ TEE	8"x6"	
20	16+30+00	74TH ST	6.50 L	VALVE	6"	
21	16+30+00	74TH ST	14.17 R	90° BEND	6"	CONNECT TO EXISTING
22	16+35.00	74TH ST	11.50 L	VALVE & CAP	8" & 8"	8" TEMPORARY CAP WITH MIN 4" VALVE BLOWOFF
23	17+13.04	74TH ST	11.50 L	MJxMJ TEE	8"	PART OF HYDRANT ASSEMBLY
24	17+88.25	74TH ST	11.50 L	45° BEND	8"	VERTICAL AND HORIZONTAL
25	17+91.48	74TH ST	15.06 R	CAP	6"	PERMANENT
26	17+94.08	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
27	18+14.08	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
28	18+19.92	74TH ST	11.50 L	45° BEND	8"	VERTICAL AND HORIZONTAL
29	19+19.48	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
30	19+25.32	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
31	19+45.32	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
32	19+56.65	74TH ST	6.00 L	45° BEND	8"	HORIZONTAL
33	20+48.75	74TH ST	6.00 L	MJxMJ TEE	8"x6"	PART OF HYDRANT ASSEMBLY
34	21+65.39	74TH ST	6.00 L	45° BEND	8"	HORIZONTAL
35	21+70.89	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
36	22+35.00	74TH ST	11.50 L	MJxAJ TEE	8"x6"	
37	22+35.00	74TH ST	6.50 L	VALVE	6"	
38	22+35.00	74TH ST	15.26 R	90° BEND	6"	CONNECT TO EXISTING
39	22+40+00	74TH ST	11.50 L	VALVE & CAP	8" & 8"	8" TEMPORARY CAP WITH MIN 4" VALVE BLOWOFF
40	23+09.48	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
41	23+15.32	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
42	23+32.32	74TH ST	14.89 R	CAP	6"	PERMANENT
43	23+35.32	74TH ST	17.33 L	45° BEND	8"	HORIZONTAL
44	23+41.15	74TH ST	11.50 L	45° BEND	8"	HORIZONTAL
45	24+43.38	74TH ST	11.50 L	MJxMJ TEE	8"x6"	PART OF HYDRANT ASSEMBLY
46	24+53.90	74TH ST	18.14 R	CAP	6"	PERMANENT
47	24+57.64	74TH ST	10.92 L	VALVE	8"	
48	24+60.74	74TH ST	5.67 L	SOLID SLEEVE	8"	
49	24+61.13	74 TH ST	10.65 L	MJxAJ TEE	8"x8"	
50	24+61.51	74TH ST	15.64 L	SOLID SLEEVE	8"	



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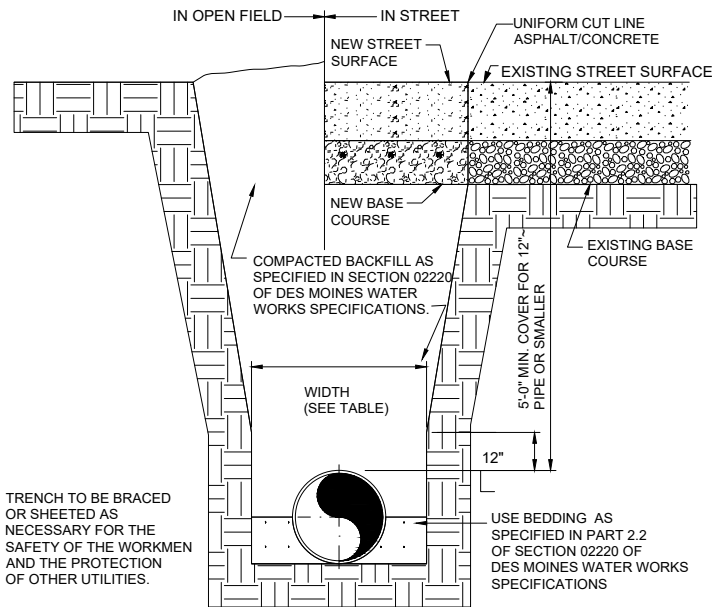
WINDSOR HIEGHTS, IOWA

74TH STREET IMPROVEMENT

WATER MAIN FITTING TABLE

SHEET

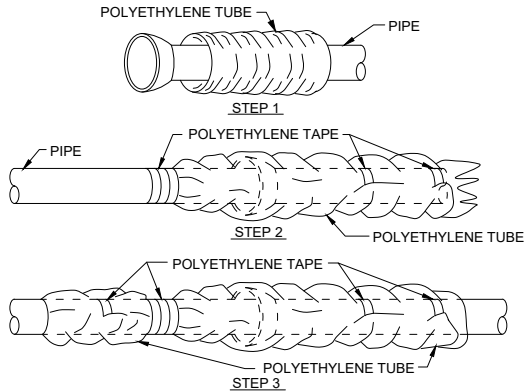
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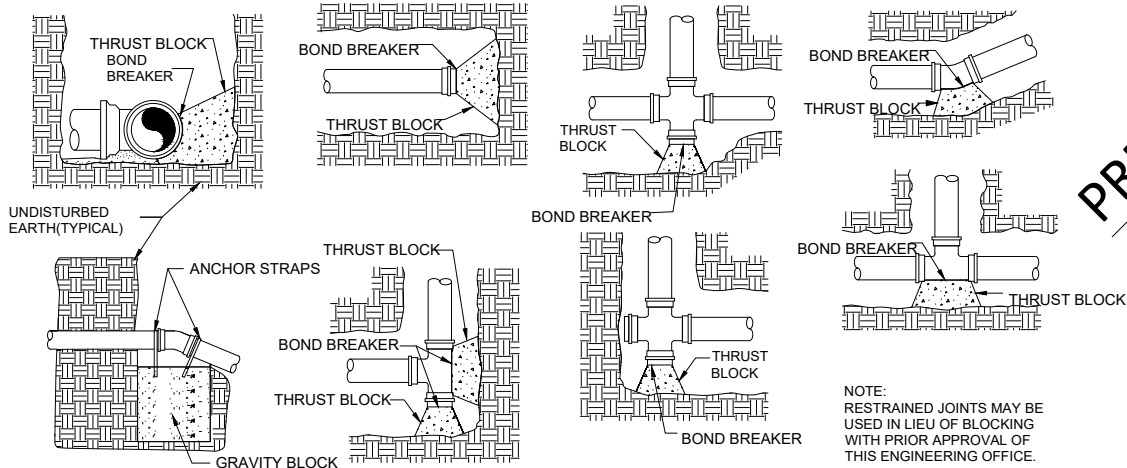
PIPE DIAMETER	MINIMUM WIDTH	MAXIMUM WIDTH
4"	1'-4"	2'-4"
6"	1'-6"	2'-6"
8"	1'-8"	2'-8"
12"	2'-0"	3'-0"
16"	2'-4"	3'-4"
20"	2'-8"	3'-8"

TYPICAL TRENCH SECTION
NOT TO SCALE

- STEP 1 - PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO THE TRENCH
- STEP 2 - PULL THE TUBE OVER THE LENGTH OF PIPE. TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE
- STEP 3 - OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP AND TAPED IN PLACE.
- NOTE: IRON PIPE FITTINGS, INCLUDING VALVES AND HYDRANTS SHALL BE WRAPPED WITH TWO LAYERS OF POLYETHYLENE MATERIAL. THE WRAPPING SHALL EXTEND AT LEAST 1' BEYOND THE FITTING JOINTS ONTO THE ADJOINING PIPE AND SHALL BE FASTENED TO THE PIPE WITH PLASTIC TAPE. TAPE SHALL BE USED AS NEEDED TO HOLD WRAP IN PLACE. EITHER POLYETHYLENE SHEETS OR SLIP TUBING MAY BE USED.



POLYETHYLENE WRAP FIELD INSTALLATION DETAIL
NOT TO SCALE

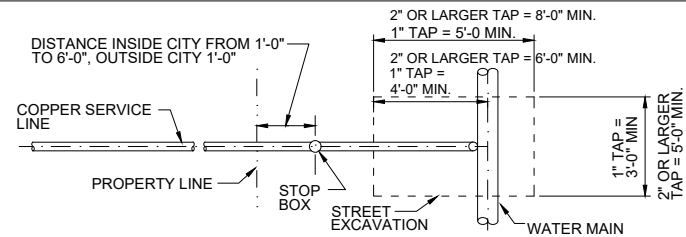


SIZE OF PIPE	VOLUME IN CUBIC YARDS			
	11 1/4"	22.5"	45"	90"
4"	0.24	0.65	1.35	2.03
6"	0.24	0.65	1.35	2.03
8"	0.45	1.14	2.35	3.49
12"	0.98	2.44	4.99	7.38
16"	1.73	4.27	8.70	12.84
20"	2.66	6.56	13.36	19.70
24"	3.70	9.25	18.94	27.96
30"	5.73	14.26	29.15	42.99

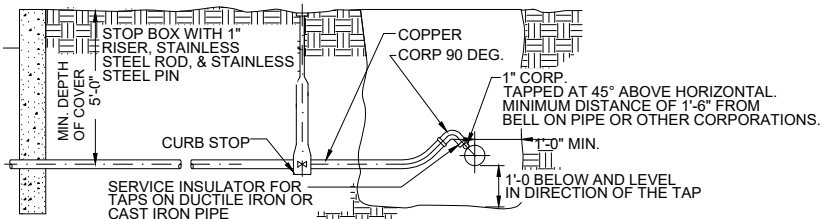
VOLUME OF GRAVITY BLOCK
NOT TO SCALE

SIZE OF PIPE	MINIMUM BEARING SURFACE (IN SQ. FT.)				TEE OR DEAD END
	11 1/4"	22.5"	45"	90"	
6"	1	2	4	8	6
8"	2	4	8	14	10
12"	4	8	16	29	21
16"	7	14	28	51	36
20"	11	22	43	79	56
24"	16	31	61	112	79

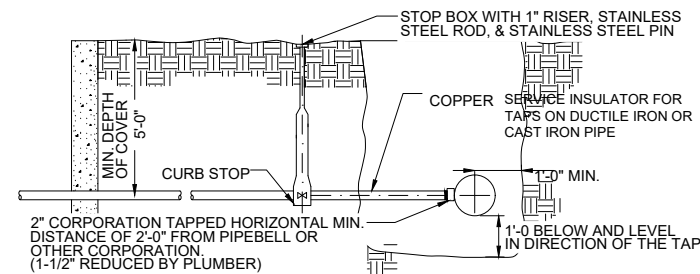
STANDARD CONCRETE THRUST BLOCKS
NOT TO SCALE



1" & 2" SERVICE INSTALLATION PLAN



1" SERVICE INSTATION SECTION



2" SERVICE INSTALLATION SECTION
SERVICE INSTALLATION
NOT TO SCALE

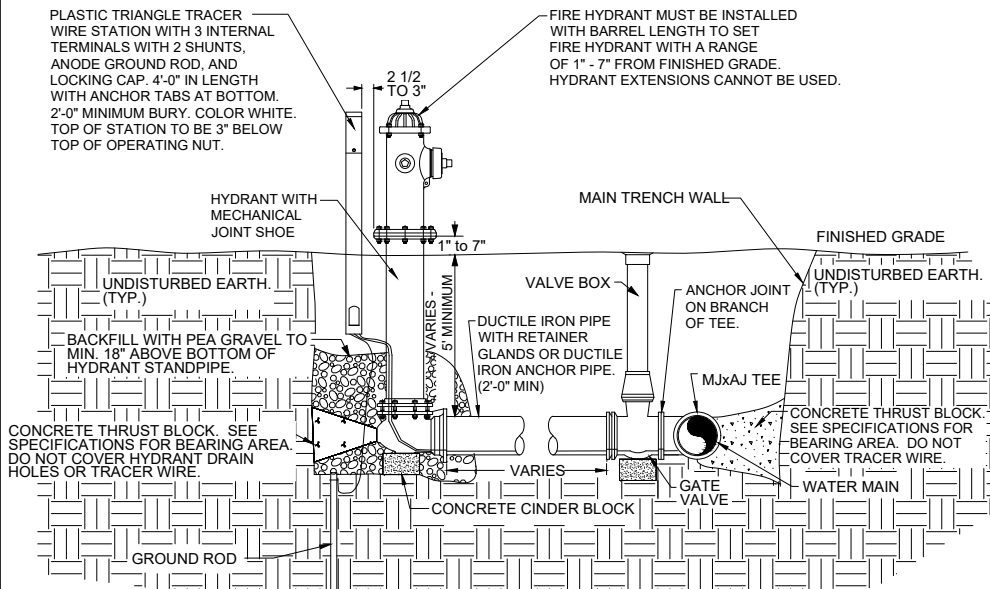
TRACER WIRE (SEE 505.6.6 FOR TRACER SYSTEM SPECIFICATIONS). FASTEN TO MIDPOINT OF EACH PIPE SECTION WITH PLASTIC TAPE. INSTALL ON ALL PIPE MATERIALS EXCLUDING TYPE K COPPER AND RED BRASS.

TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

NOTE:

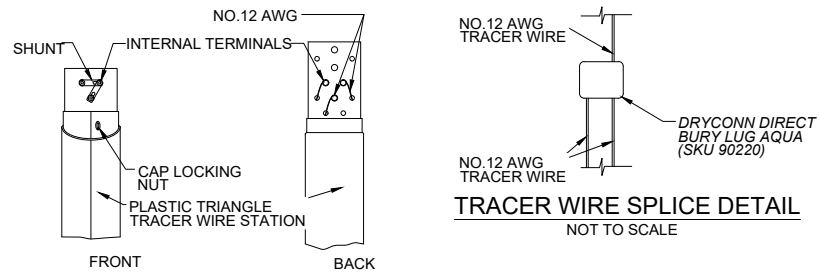
IRON PIPE, VALVE, FITTINGS AND HYDRANT (BURIED PORTION) TO BE WRAPPED WITH POLYETHYLENE ENCASUREMENT MATERIAL PER DES MOINES WATER WORKS STANDARDS.

TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.



STANDARD HYDRANT ON WATER MAINS 16" OR LESS

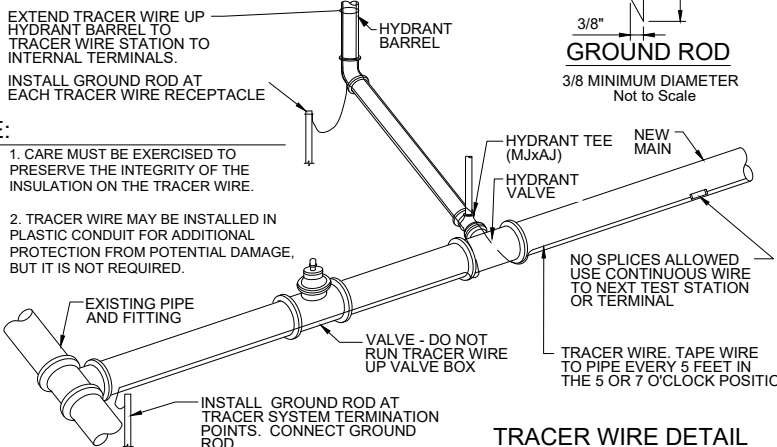
NOT TO SCALE



TRACER WIRE RECEPTACLE DETAIL

NOT TO SCALE

TRACER WIRE (SEE 505.6.6 FOR TRACER SYSTEM SPECIFICATIONS). FASTEN TO MIDPOINT OF EACH PIPE SECTION WITH PLASTIC TAPE. INSTALL ON ALL PIPE MATERIALS EXCLUDING TYPE K COPPER AND RED BRASS.



TRACER WIRE DETAIL

NOT TO SCALE

NOTE:

- CARE MUST BE EXERCISED TO PRESERVE THE INTEGRITY OF THE INSULATION ON THE TRACER WIRE.
- TRACER WIRE MAY BE INSTALLED IN PLASTIC CONDUIT FOR ADDITIONAL PROTECTION FROM POTENTIAL DAMAGE, BUT IT IS NOT REQUIRED.

Des Moines
Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

STANDARD DETAIL SHEET

UPDATED 1-06-23



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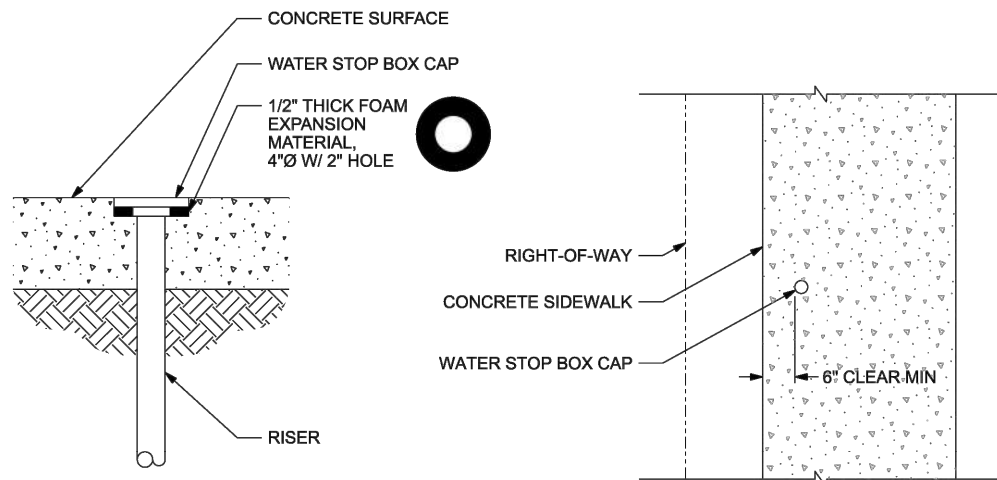
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
DES MOINES WATER WORKS DETAIL

SHEET

MWM.03

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IMPLEMENTATION.



SECTION VIEW

PLAN VIEW

NOTES:

1. FOLLOW DMWW RULES AND REGULATIONS FOR MINIMUM AND MAXIMUM HORIZONTAL CLEARANCE FROM RIGHT-OF-WAY
2. FOAM EXPANSION JOINT BETWEEN THE STOP BOX CAP AND NEWLY POURED CONCRETE (SIDEWALK, TRAIL, AND DRIVEWAY)
3. FOAM EXPANSION MATERIAL TO BE 4-INCH WIDE AND 1/2-INCH THICK
4. CONTRACTOR TO CUT OUT A 4-INCH DIAMETER CIRCULAR PIECE OF MATERIAL, WITH A CENTERED 2-INCH DIAMETER CIRCULAR HOLE
5. CONTRACTOR TO REMOVE THE STOP BOX CAP, INSTALL THE EXPANSION MATERIAL ON THE BOTTOM SIDE OF THE CAP, AND REINSTALL THE CAP
6. CONTRACTOR TO PLACE PROTECTIVE TAPE (DUCT TAPE OR EQUAL) ON TOP OF STOP BOX CAP TO PROTECT FROM CONCRETE
7. AFTER CONCRETE IS CURED, CONTRACTOR TO REMOVE PROTECTIVE TAPE

Des Moines Water Works
Water You Can Trust for Life
ENGINEERING DEPARTMENT
Des Moines, Iowa

STOP BOX IN CONCRETE
(SIDEWALK, TRAIL, AND DRIVEWAY)

SCALE: NONE	DATE: 8-21-25
DRAWN BY: CRS	APPROVED BY: MDZ
REVISED:	

512-1F
FIGURE 1F

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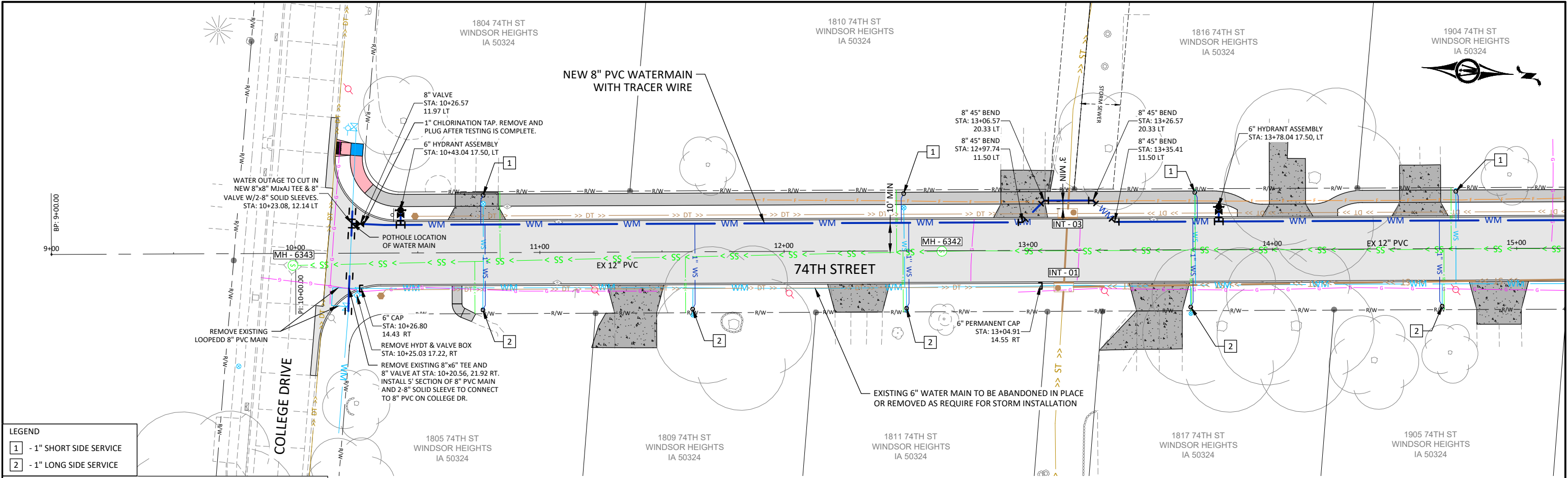


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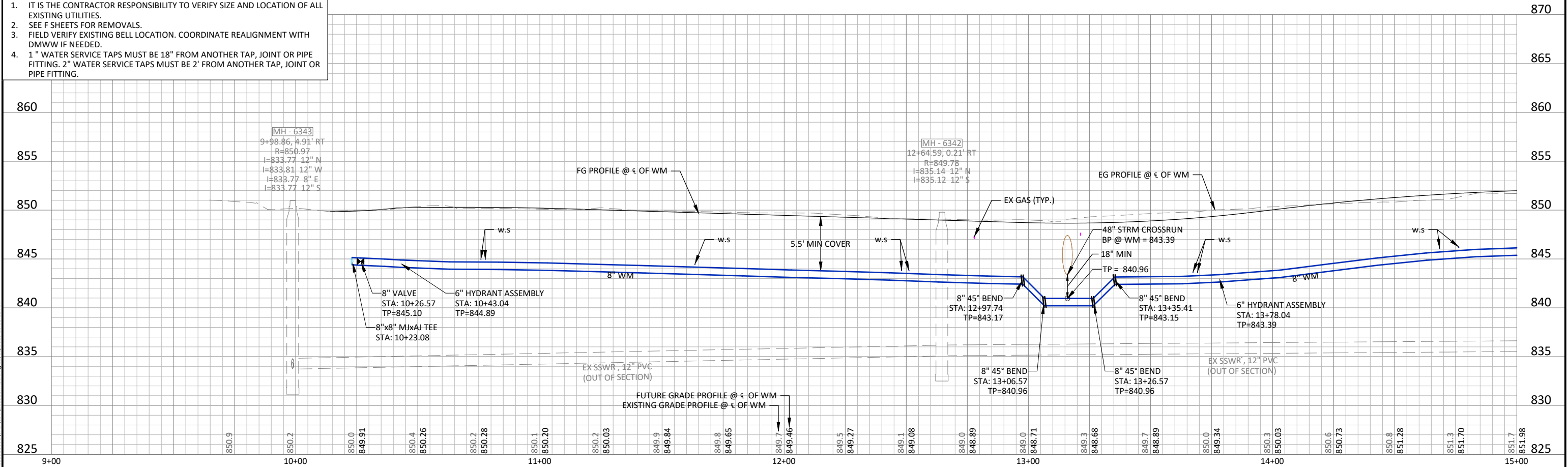
WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
DES MOINES WATER WORKS DETAIL

SHEET
MWM.04



- LEGEND
- 1 - 1" SHORT SIDE SERVICE
 - 2 - 1" LONG SIDE SERVICE

- NOTES:
- IT IS THE CONTRACTOR RESPONSIBILITY TO VERIFY SIZE AND LOCATION OF ALL EXISTING UTILITIES.
 - SEE F SHEETS FOR REMOVALS.
 - FIELD VERIFY EXISTING BELL LOCATION. COORDINATE REALIGNMENT WITH DMWW IF NEEDED.
 - 1" WATER SERVICE TAPS MUST BE 18" FROM ANOTHER TAP, JOINT OR PIPE FITTING. 2" WATER SERVICE TAPS MUST BE 2' FROM ANOTHER TAP, JOINT OR PIPE FITTING.



0 20 40
SCALE FEET

0 5 10
SCALE FEET

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12/11/2025

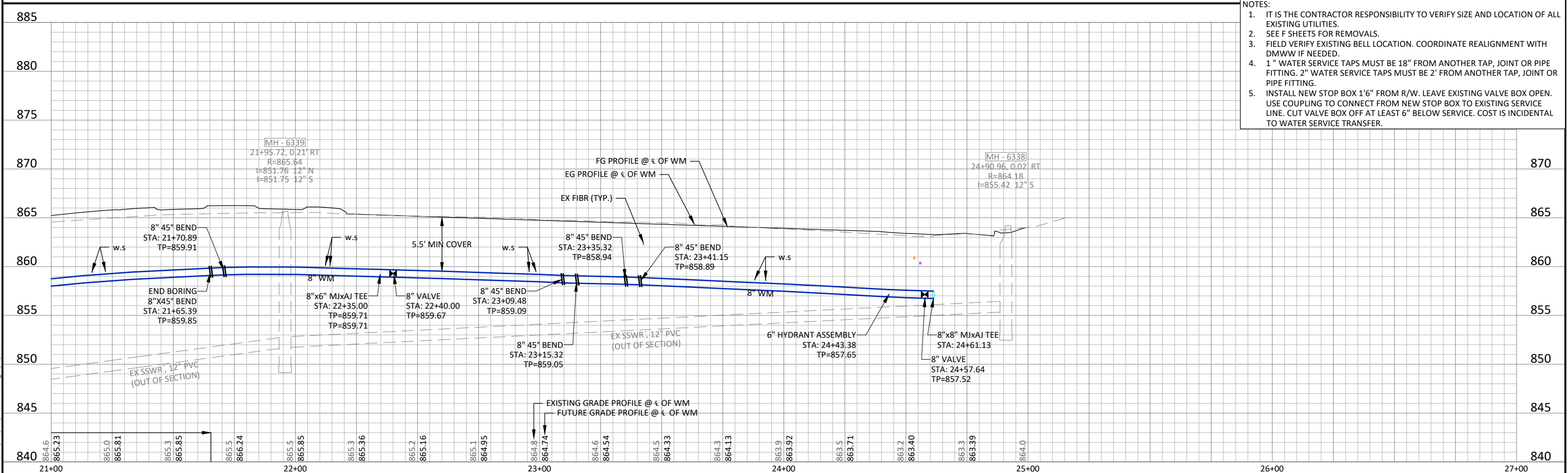
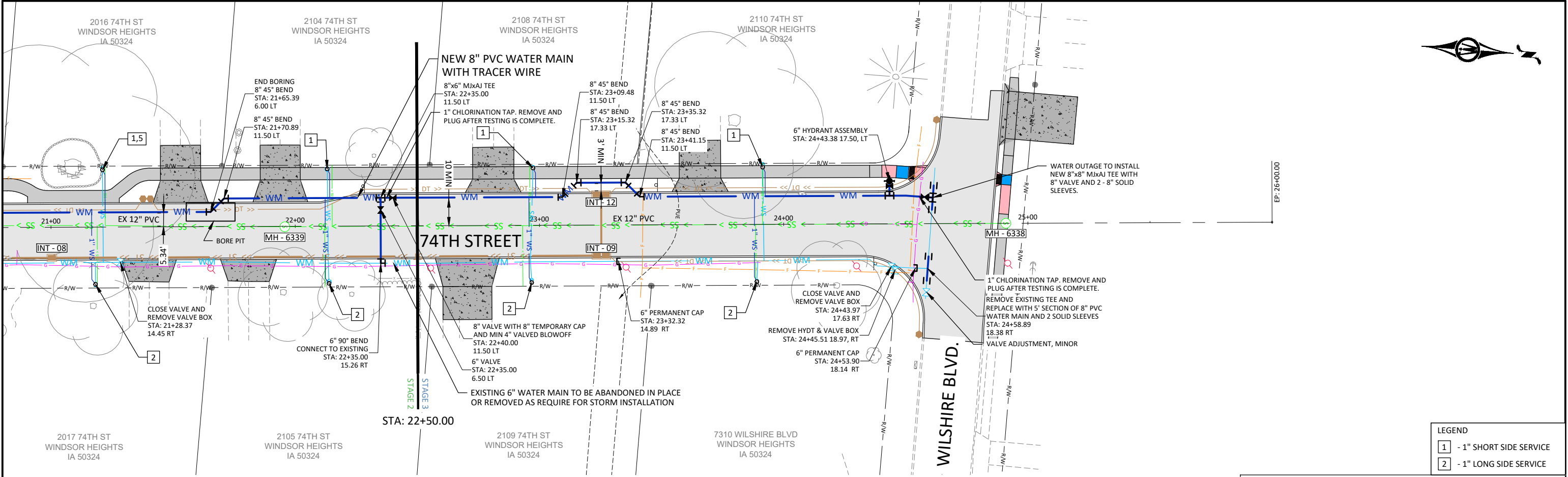
WINDSOR HIEGHTS, IOWA

74TH STREET IMPROVEMENT

WATER MAIN PLAN & PROFILE - 74TH STREET

SHEET

MWM.05



- NOTES:
1. IT IS THE CONTRACTOR RESPONSIBILITY TO VERIFY SIZE AND LOCATION OF ALL EXISTING UTILITIES.
 2. SEE F SHEETS FOR REMOVALS.
 3. FIELD VERIFY EXISTING BELL LOCATION. COORDINATE REALIGNMENT WITH DMWW IF NEEDED.
 4. 1" WATER SERVICE TAPS MUST BE 18" FROM ANOTHER TAP, JOINT OR PIPE FITTING. 2" WATER SERVICE TAPS MUST BE 2' FROM ANOTHER TAP, JOINT OR PIPE FITTING.
 5. INSTALL NEW STOP BOX 1'6" FROM R/W. LEAVE EXISTING VALVE BOX OPEN. USE COUPLING TO CONNECT FROM NEW STOP BOX TO EXISTING SERVICE LINE. CUT VALVE BOX OFF AT LEAST 6" BELOW SERVICE. COST IS INCIDENTAL TO WATER SERVICE TRANSFER.

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74TH STREET IMPROVEMENT

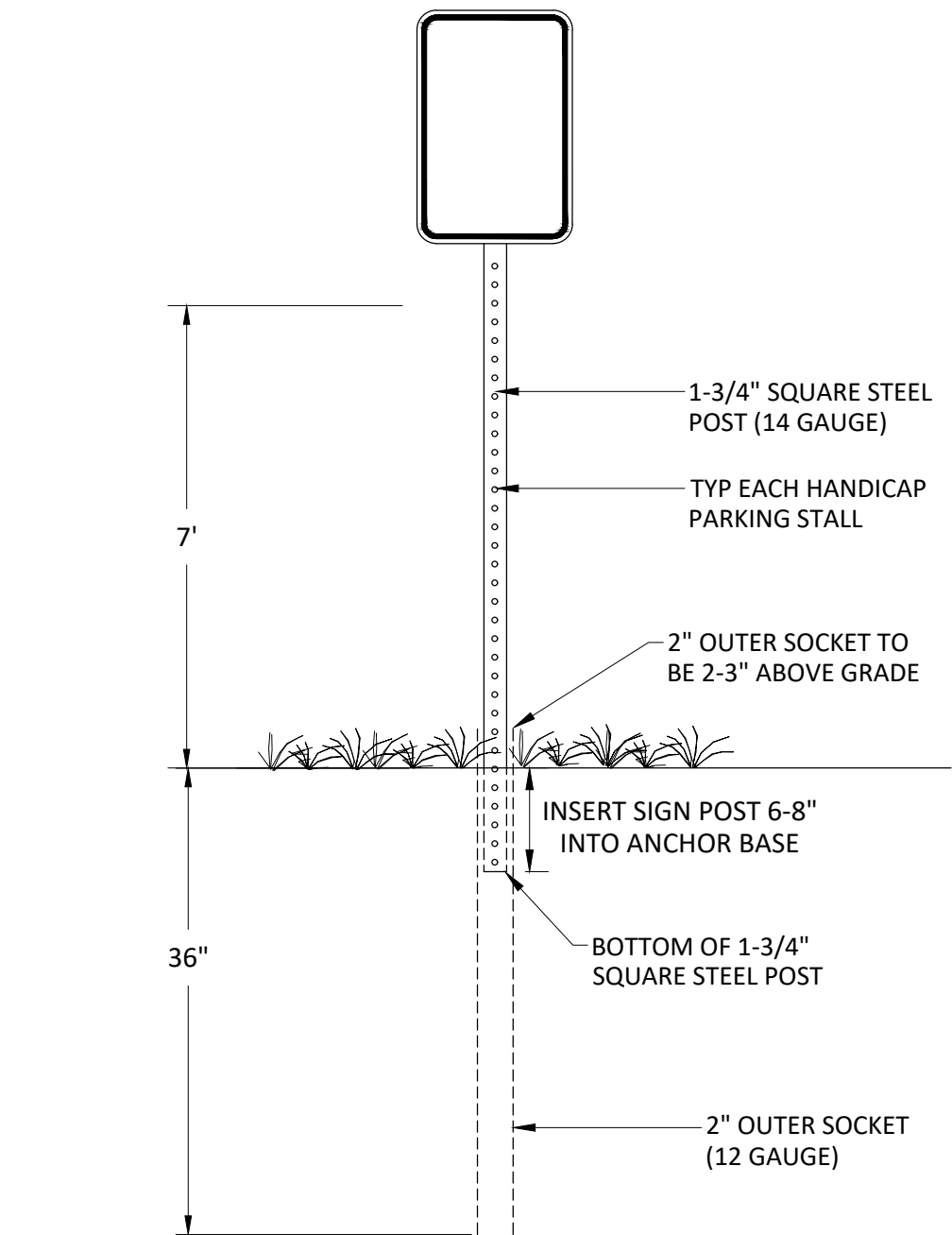
WATER MAIN PLAN & PROFILE - 74TH STREET

SHEET

MWM.07

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SIGNS TABULATION					
ITEM NO.	STREET	STATION	SIGN TYPE	SIGN SIZE	COMMENT
1	74TH ST	10+41.48	R1-1	30X30	SALVAGE RE-INSTALL
2	74TH ST	16+70+00	N/A	N/A	SALVAGE RE-INSTALL
3	74TH ST	20+32.82	R7-1X	12X18	NEW WITH POST
4	74TH ST	22+27.82	R7-1X	12X18	NEW WITH POST
5	74TH ST	23+47.82	W5-1	30X30	NEW WITH POST
6	74TH ST	24+37.45	R1-1	30X30	NEW WITH POST



1 SIGN POST INSTALLATION DETAILS
N.T.S

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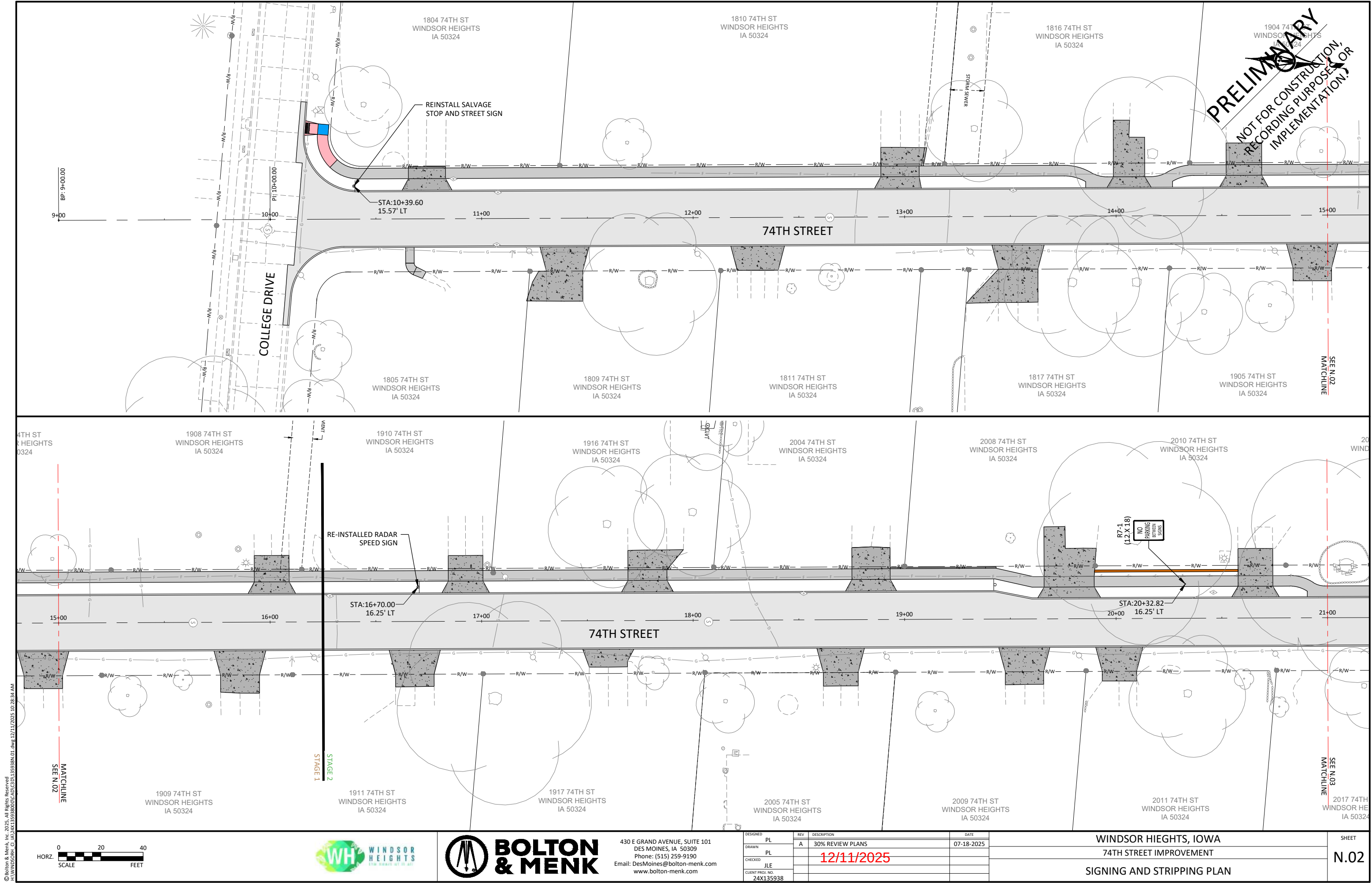


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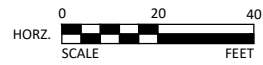
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SIGNING & STRIPPING DETAILS AND TABULATION

SHEET
N.01



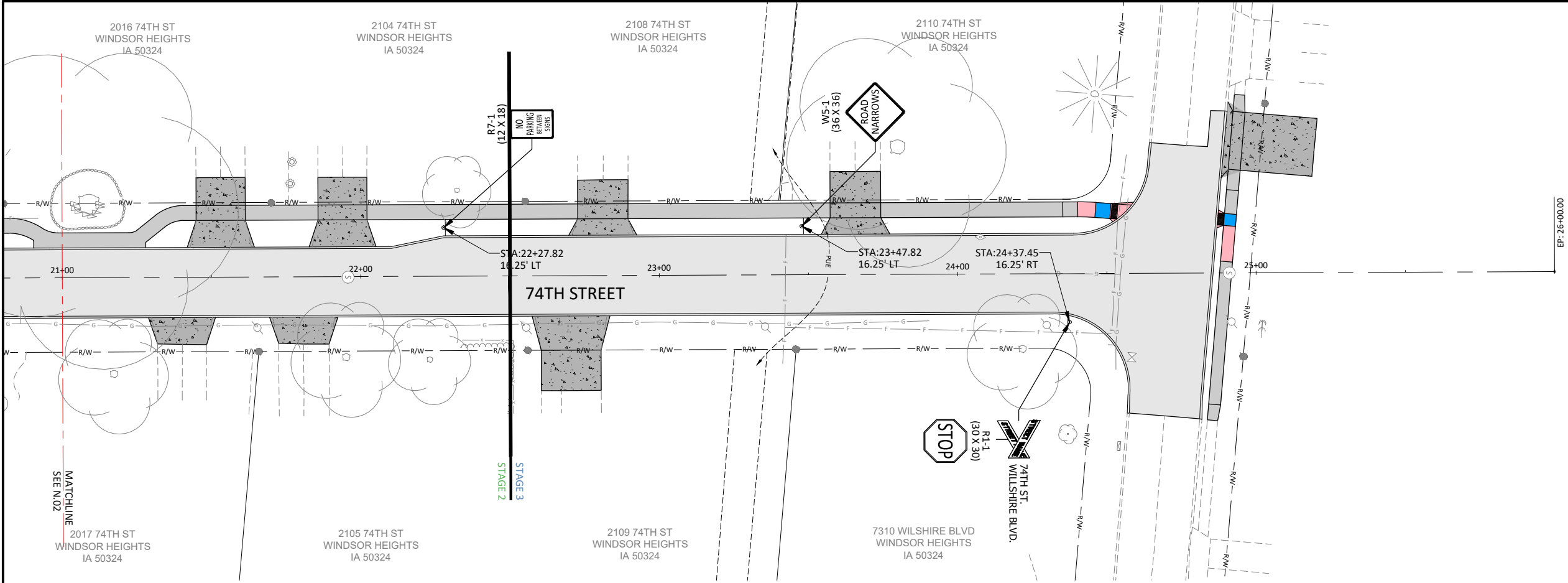
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WINDSOR HIEGHTS, IOWA	SHEET
74TH STREET IMPROVEMENT	N.02
SIGNING AND STRIPPING PLAN	



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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SIGNING AND STRIPPING PLAN

SHEET
N.03

STORM WATER POLLUTION PREVENTION PLAN

THIS PROJECT IS REGULATED BY THE REQUIREMENTS OF THE IOWA DEPARTMENT OF NATURAL RESOURCES (DNR) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. 2 OR AN IOWA DEPARTMENT OF NATURAL RESOURCES (DNR) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) INDIVIDUAL STORM WATER PERMIT. THE CONTRACTOR SHALL CARRY OUT THE TERMS AND CONDITIONS OF THIS PERMIT AND THE POLLUTION PREVENTION PLAN (PPP).

THIS BASE PPP INCLUDES INFORMATION ON ROLES AND RESPONSIBILITIES, PROJECT SITE DESCRIPTION, CONTROLS, MAINTENANCE PROCEDURES, INSPECTION REQUIREMENTS, NON-STORM WATER CONTROLS, POTENTIAL SOURCES OF OFF RIGHT-OF-WAY POLLUTION, AND DEFINITIONS. THIS PLAN REFERENCES OTHER DOCUMENTS RATHER THAN REPEATING THE INFORMATION CONTAINED IN THE DOCUMENTS. A COPY OF THIS BASE POLLUTION PREVENTION PLAN, AMENDED AS NEEDED DURING CONSTRUCTION, WILL BE READILY AVAILABLE FOR REVIEW.

ALL CONTRACTORS SHALL CONDUCT THEIR OPERATIONS IN A MANNER THAT CONTROLS POLLUTANTS, MINIMIZES EROSION, AND PREVENTS SEDIMENTS FROM ENTERING WATERS OF THE STATE AND LEAVING THE HIGHWAY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE AND IMPLEMENTATION OF THE PPP FOR THEIR ENTIRE CONTRACT. THIS RESPONSIBILITY SHALL BE FURTHER SHARED WITH SUBCONTRACTORS WHOSE WORK IS A SOURCE OF POTENTIAL POLLUTION AS DEFINED IN THIS PPP.

I.. ROLES AND RESPONSIBILITIES

A. DESIGNER:

- 1. PREPARES BASE PPP INCLUDED IN THE PROJECT PLAN.
- 2. PREPARES NOTICE OF INTENT (NOI) SUBMITTED TO IOWA DNR.
- 3. IS SIGNATURE AUTHORITY ON THE BASE PPP. IF CONSULTANT DESIGNED, SIGNATURE FROM CONTRACTING AUTHORITY IS ALSO REQUIRED.

B. CONTRACTOR:

- 1. SIGNS A CO-PERMITTEE CERTIFICATION STATEMENT ADHERING TO THE REQUIREMENTS OF THE NPDES PERMIT AND THIS PPP. ALL CO-PERMITTEES ARE LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE IOWA ADMINISTRATIVE CODE TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS PPP.
- 2. DESIGNATES A WATER POLLUTION CONTROL MANAGER (WPCM), WHO HAS THE DUTIES AND RESPONSIBILITIES AS DEFINED IN SECTION 2602 OF THE STANDARD SPECIFICATIONS.
- 3. SUBMITS AN EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND ECIP UPDATES ACCORDING TO SECTION 2602 OF THE STANDARD SPECIFICATIONS.
- 4. INSTALLS AND MAINTAINS APPROPRIATE CONTROLS. THIS WORK MAY BE SUBCONTRACTED AS DOCUMENTED THROUGH SUBCONTRACTOR REQUEST FORM (FORM 830231).
- 5. SUPERVISES AND IMPLEMENTS GOOD HOUSEKEEPING PRACTICES ACCORDING TO PARAGRAPH III, C, 2.
- 6. CONDUCTS JOINT REQUIRED INSPECTIONS OF THE SITE WITH INSPECTION STAFF. WHEN CONTRACTOR IS NOT MOBILIZED ON SITE, CONTRACTOR MAY DELEGATE THIS RESPONSIBILITY TO A TRAINED OR CERTIFIED SUBCONTRACTOR. CONTRACTING AUTHORITY ALSO MAY WAIVE JOINT INSPECTION REQUIREMENT DURING WINTER SHUTDOWN. IN BOTH CIRCUMSTANCES, WPCM (OR TRAINED OR CERTIFIED DELEGATE FROM THE CONTRACTOR) IS STILL RESPONSIBLE TO REVIEW AND SIGN INSPECTION REPORTS.
- 7. COMPLIES WITH TRAINING AND CERTIFICATION REQUIREMENTS OF SECTION 2602 OF THE STANDARD SPECIFICATIONS.
- 8. SUBMITS AMENDED PPP SITE MAP ACCORDING TO SECTION 2602 OF THE STANDARD SPECIFICATIONS.

C. SUBCONTRACTORS:

- 1. SIGN A CO-PERMITTEE CERTIFICATION STATEMENT ADHERING TO THE REQUIREMENTS OF THE NPDES PERMIT AND THIS PPP IF: RESPONSIBLE FOR SEDIMENT OR EROSION CONTROLS; INVOLVED IN LAND DISTURBING ACTIVITIES; OR PERFORMING WORK THAT IS A SOURCE OF POTENTIAL POLLUTION AS DEFINED IN THIS PPP. SUBCONTRACTED WORK ITEMS ARE IDENTIFIED IN SUBCONTRACTOR REQUEST FORMS (FORM 830231). ALL CO-PERMITTEES ARE LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE IOWA ADMINISTRATIVE CODE TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THIS PPP.
- 2. IMPLEMENT GOOD HOUSEKEEPING PRACTICES ACCORDING TO PARAGRAPH III, C, 2.

D. RCE/PROJECT ENGINEER:

- 1. IS PROJECT STORM WATER MANAGE.
- 2. TAKES ACTIONS NECESSARY TO ENSURE COMPLIANCE WITH STORM WATER REQUIREMENTS INCLUDING, WHERE APPROPRIATE, ISSUING STOP WORK ORDERS, AND DIRECTING ADDITIONAL INSPECTIONS AT CONSTRUCTION PROJECT SITES THAT ARE EXPERIENCING PROBLEMS WITH ACHIEVING PERMIT COMPLIANCE.
- 3. ORDERS THE TAKING OF MEASURES TO CEASE, CORRECT, PREVENT, OR MINIMIZE THE CONSEQUENCES OF NON-COMPLIANCE WITH THE STORM WATER REQUIREMENTS OF THE APPLICABLE PERMIT.
- 4. SUPERVISES ALL WORK NECESSARY TO MEET STORM WATER REQUIREMENTS AT THE PROJECT, INCLUDING WORK PERFORMED BY CONTRACTORS AND SUBCONTRACTORS.
- 5. REQUIRES EMPLOYEES, CONTRACTORS, AND SUBCONTRACTORS TO TAKE APPROPRIATE RESPONSIVE ACTION TO COMPLY WITH STORM WATER REQUIREMENTS, INCLUDING REQUIRING ANY SUCH PERSON TO CEASE OR CORRECT A VIOLATION OF STORM WATER REQUIREMENTS, AND TO ORDER OR RECOMMEND SUCH OTHER ACTIONS AS NECESSARY TO MEET STORM WATER REQUIREMENTS.
- 6. IS FAMILIAR WITH THE PROJECT PPP AND STORM WATER SITE MAP.
- 7. IS THE POINT OF CONTACT FOR THE PROJECT FOR REGULATORY OFFICIALS, INSPECTOR, CONTRACTORS, AND SUBCONTRACTORS REGARDING STORM WATER REQUIREMENTS.
- 8. IS SIGNATURE AUTHORITY ON NOTICE OF DISCONTINUATION.
- 9. MAINTAINS AN UP-TO-DATE RECORD OF CONTRACTORS, SUBCONTRACTORS, AND SUBCONTRACTED WORK ITEMS THROUGH SUBCONTRACTOR REQUEST FORMS (FORM 830231).
- 10. MAKES INFORMATION TO DETERMINE PERMIT COMPLIANCE AVAILABLE TO THE DNR UPON THEIR REQUEST.

E. INSPECTOR:

- 1. UPDATES PPP THROUGH FIELD BOOK ENTRIES AND STORM WATER SITE INSPECTION REPORTS IF THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE WHICH HAS A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS FROM THE PROJECT.
- 2. MAKES INFORMATION TO DETERMINE PERMIT COMPLIANCE AVAILABLE TO THE DNR UPON THEIR REQUEST.
- 3. CONDUCTS JOINT REQUIRED INSPECTIONS OF THE SITE WITH THE CONTRACTOR/SUBCONTRACTOR.
- 4. COMPLETES AN INSPECTION REPORT AFTER EACH INSPECTION.
- 5. IS SIGNATURE AUTHORITY ON STORM WATER INSPECTION REPORTS.

II.. PROJECT SITE DESCRIPTION

- A. THIS POLLUTION PREVENTION PLAN (PPP) IS FOR THE CONSTRUCTION OF A *ONE BLOCK OF RESIDENTIAL STREET*.
- B. THIS PPP COVERS APPROXIMATELY 1.9 ACRES WITH AN ESTIMATED 1.7 ACRES BEING DISTURBED. THE PORTION OF THE PPP COVERED BY THIS CONTRACT HAS 1.7 ACRES DISTURBED.
- C. THE PPP IS LOCATED IN AN AREA OF 1 SOIL ASSOCIATION (CLARION - NICOLLET- WEBSTERS). THE ESTIMATED WEIGHTED AVERAGE RUNOFF COEFFICIENT NUMBER FOR THE PROJECT COMPLETION WILL BE 0.66.
- D. STORM WATER SITE MAP - MULTIPLE SOURCES OF INFORMATION COMPRISE THE BASE STORM WATER SITE MAP INCLUDING:
 - 1. DRAINAGE PATTERNS - PLAN AND PROFILE SHEETS AND SITUATION PLANS (R-SHEETS).
 - 2. PROPOSED SLOPES - CROSS SECTIONS.
 - 3. AREAS OF SOIL DISTURBANCE - EROSION CONTROL SHEETS (R-SHEETS)
 - 4. LOCATION OF STRUCTURAL CONTROLS - IN R SHEETS.
 - 5. LOCATIONS OF NON-STRUCTURAL CONTROLS - IN R SHEETS.
 - 6. LOCATIONS OF STABILIZATION PRACTICES - GENERALLY WITHIN CONSTRUCTION LIMITS SHOWN ON PLAN AND PROFILE SHEETS (R-SHEETS).
 - 7. SURFACE WATERS (INCLUDING WETLANDS) - PROJECT LOCATION MAP AND PLAN AND PROFILE SHEETS.
 - 8. LOCATIONS WHERE STORM WATER IS DISCHARGED - M1 STORM WATER SHEETS.
- E. THE BASE STORM WATER SITE MAP IS AMENDED BY CONTRACT MODIFICATIONS AND PROGRESS PAYMENTS (FIELD BOOK ENTRIES) OF COMPLETED EROSION CONTROL WORK. ALSO, DUE TO PROJECT PHASING, EROSION AND SEDIMENT CONTROLS SHOWN ON PROJECT PLANS MAY NOT BE INSTALLED UNTIL NEEDED, BASED ON SITE CONDITIONS. FOR EXAMPLE, SILT FENCE DITCH CHECKS WILL TYPICALLY NOT BE INSTALLED UNTIL THE DITCH HAS BEEN INSTALLED. INSTALLED LOCATIONS MAY ALSO BE MODIFIED FROM TABULATION LOCATIONS BY FIELD STAFF. INSTALLED LOCATIONS WILL BE DOCUMENTED BY FIELD BOOK ENTRIES AND AMENDED PPP SITE MAP.
- F. RUNOFF FROM THIS WORK WILL FLOW INTO *LIST OUTLETS FOR RUNOFF*.

III.. CONTROLS

- A. THE CONTRACTOR'S ECIP SPECIFIED IN ARTICLE 2602.03 OF THE STANDARD SPECIFICATIONS FOR ACCOMPLISHMENT OF STORM WATER CONTROLS SHOULD CLEARLY DESCRIBE THE INTENDED SEQUENCE OF MAJOR ACTIVITIES, AND FOR EACH ACTIVITY DEFINE THE CONTROL MEASURE AND THE TIMING DURING THE CONSTRUCTION PROCESS THAT THE MEASURE WILL BE IMPLEMENTED.
- B. PRESERVE VEGETATION IN AREAS NOT NEEDED FOR CONSTRUCTION.
- C. SECTIONS 2601 AND 2602 OF THE STANDARD SPECIFICATIONS DEFINE REQUIREMENTS TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES. ACTUAL QUANTITIES USED AND INSTALLED LOCATIONS MAY VARY FROM THE BASE PPP AND AMENDMENT OF THE PLAN WILL BE DOCUMENTED VIA FIELD BOOK ENTRIES, AMENDED PPP SITE MAP, OR BY CONTRACT MODIFICATION. ADDITIONAL EROSION AND SEDIMENT CONTROL ITEMS MAY BE REQUIRED AS DETERMINED BY THE INSPECTOR AND/OR CONTRACTOR DURING STORM WATER SITE INSPECTIONS. IF THE WORK INVOLVED IS NOT APPLICABLE TO ANY CONTRACT ITEMS, THE WORK WILL BE PAID FOR ACCORDING TO ARTICLE 1109.03 PARAGRAPH B OF THE STANDARD SPECIFICATIONS.
 - 1. EROSION AND SEDIMENT CONTROLS
 - a. STABILIZATION PRACTICES
 - 1) SITE PLANS WILL ENSURE THAT EXISTING VEGETATION OR NATURAL BUFFERS ARE PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED.
 - 2) INITIALIZE STABILIZATION OF DISTURBED AREAS IMMEDIATELY AFTER CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE:
 - a) PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR
 - b) TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
 - 3) STAGED PERMANENT AND/OR TEMPORARY STABILIZING SEEDING AND MULCHING SHALL BE COMPLETED AS THE DISTURBED AREAS ARE COMPLETED. INCOMPLETE AREAS SHALL BE STABILIZED ACCORDING TO PARAGRAPH III, C, 1, A, 2, B ABOVE.
 - 4) PERMANENT AND TEMPORARY STABILIZATION PRACTICES TO BE USED FOR THIS PROJECT ARE LOCATED IN THE ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION LOCATED IN THE C SHEETS. TYPICAL DRAWINGS DETAILING CONSTRUCTION OF THE PRACTICES TO BE USED ON THIS PROJECT ARE REFERENCED IN SECTION 9040 OF IOWA URBAN SPECIFICAITONS FOR PUBLIC IMPROVEMENT.
 - 5) PRESERVATION OF EXISTING VEGETATION WITHIN RIGHT-OF-WAY OR EASEMENTS WILL ACT AS VEGETATIVE BUFFER STRIPS.
 - 6) PRESERVATION OF TOPSOIL: BID ITEMS TO BE USED FOR THIS PROJECT ARE LOCATED IN THE ESTIMATED PROJECT QUANTITIES AND ESTIMATE REFERENCE INFORMATION LOCATED IN THE C SHEETS.
 - b. STRUCTURAL PRACTICES
 - 1) STRUCTURAL PRACTICES WILL BE IMPLEMENTED TO DIVERT FLOWS FROM EXPOSED SOILS AND DETAIN OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. ADDITIONALLY, STRUCTURAL PRACTICES MAY INCLUDE: SILT BASINS THAT PROVIDE 3600 CUBIC FEET OF STORAGE PER ACRE DRAINED OR EQUIVALENT SEDIMENT CONTROLS, OUTLET STRUCTURES THAT WITHDRAW WATER FROM SURFACE WHEN DISCHARGING BASINS, AND CONTROLS TO DIRECT STORM WATER TO VEGETATED AREAS.
 - 2) STRUCTURAL PRACTICES TO BE USED FOR THIS PROJECT ARE LOCATED IN THE ESTIMATED PROJECT QUANTITIES (100-0A, 100-1A, OR 100-1C) AND ESTIMATE REFERENCE INFORMATION (100-4A) LOCATED IN THE C SHEETS, AS WELL AS ALL OTHER ITEM SPECIFIC TABULATIONS. TYPICAL DRAWINGS DETAILING CONSTRUCTION OF THE DEVICES TO BE USED ON THIS PROJECT CAN BE FOUND IN THE B SHEETS OR ARE REFERENCED IN THE STANDARD ROAD PLANS TABULATION (105-4) LOCATED IN THE C SHEETS.
 - c. STORM WATER MANAGEMENT
 - MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THIS MAY INCLUDE VELOCITY DISSIPATION DEVICES AT DISCHARGE LOCATIONS AND ALONG LENGTH OF OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSION VELOCITY FLOW FROM STRUCTURE TO WATER COURSE. IF INCLUDED WITH THIS PROJECT, THESE ITEMS ARE LOCATED IN THE ESTIMATED PROJECT QUANTITIES (100-0A, 100-1A, OR 100-1C) AND ESTIMATE REFERENCE INFORMATION (100-4A) LOCATED IN THE C SHEETS, AS WELL AS ALL OTHER ITEM SPECIFIC TABULATIONS. TYPICAL DRAWINGS DETAILING CONSTRUCTION OF THE PRACTICES TO BE USED ON THIS PROJECT ARE REFERENCED IN THE STANDARD ROAD PLANS TABULATION (105-4) IN THE C SHEETS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.
- 2. OTHER CONTROLS

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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SWPPP GENERAL NOTE

SHEET

R.01

PRELIMINARY
NOT FOR CONSTRUCTION,
RECORDING PURPOSES, OR
IMPLEMENTATION.

CONTRACTOR DISPOSAL OF UNUSED CONSTRUCTION MATERIALS AND CONSTRUCTION MATERIAL WASTES SHALL COMPLY WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEM REGULATIONS. IN THE EVENT OF A CONFLICT WITH OTHER GOVERNMENTAL LAWS, RULES AND REGULATIONS, THE MORE RESTRICTIVE APPLICABLE LAWS, RULES OR REGULATIONS SHALL APPLY.

- a. VEHICLE ENTRANCES AND EXITS - CONSTRUCT AND MAINTAIN ENTRANCES AND EXITS TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.
- b. MATERIAL DELIVERY, STORAGE AND USE - IMPLEMENT PRACTICES TO PREVENT DISCHARGE OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE.
- c. STOCKPILE MANAGEMENT - INSTALL CONTROLS TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING.
- d. WASTE DISPOSAL - DO NOT DISCHARGE ANY MATERIALS, INCLUDING BUILDING MATERIALS, INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- e. SPILL PREVENTION AND CONTROL - IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES TO CONTAIN AND CLEAN UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM AND WATERS OF THE STATE.
- f. CONCRETE RESIDUALS AND WASHOUT WASTES - WASTE SHALL NOT BE DISCHARGED TO A SURFACE WATER AND IS NOT ALLOWED TO ADVERSELY AFFECT A WATER OF THE STATE. DESIGNATE TEMPORARY CONCRETE WASHOUT FACILITIES FOR RINSING OUT CONCRETE TRUCKS. PROVIDE DIRECTIONS TO TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED. DESIGNATED WASHOUT AREAS SHOULD BE LOCATED AT LEAST 50 FEET AWAY FROM STORM DRAINS, STREAMS OR OTHER WATER BODIES. CARE SHOULD BE TAKEN TO ENSURE THESE FACILITIES DO NOT OVERFLOW DURING STORM EVENTS.
- g. CONCRETE GROOVING/GRINDING SLURRY - DO NOT DISCHARGE SLURRY TO A WATERBODY OR STORM DRAIN. SLURRY MAY BE APPLIED ON FORE SLOPES OR REMOVED FROM THE PROJECT.
- h. VEHICLE AND EQUIPMENT STORAGE AND MAINTENANCE AREAS - PERFORM ON SITE FUELING AND MAINTENANCE IN ACCORDANCE WITH ALL ENVIRONMENT LAWS SUCH AS PROPER STORAGE OF ONSITE FUELS AND PROPER DISPOSAL OF USED ENGINE OIL OR OTHER FLUIDS ON SITE. EMPLOY WASHING PRACTICES THAT PREVENT CONTAMINATION OF SURFACE AND GROUND WATER FROM WASH WATER. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- i. LITTER MANAGEMENT - ENSURE EMPLOYEES PROPERLY DISPOSE OF LITTER. MINIMIZE EXPOSURE OF TRASH IF EXPOSURE TO PRECIPITATION OR STORM WATER WOULD RESULT IN A DISCHARGE OF POLLUTANTS.
- j. DEWATERING - PROPERLY TREAT WATER TO REMOVE SUSPENDED SEDIMENT BEFORE IT RE-ENTERS A WATERBODY OR DISCHARGES OFF-SITE. MEASURES ARE ALSO TO BE TAKEN TO PREVENT SCOUR EROSION AT DEWATERING DISCHARGE POINT.

3. APPROVED STATE OR LOCAL PLANS

DURING THE COURSE OF THIS CONSTRUCTION, IT IS POSSIBLE THAT SITUATIONS WILL ARISE WHERE UNKNOWN MATERIALS WILL BE ENCOUNTERED. WHEN SUCH SITUATIONS ARE ENCOUNTERED, THEY WILL BE HANDLED ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS IN EFFECT AT THE TIME.

IV.. MAINTENANCE PROCEDURES

THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES IN PROPER WORKING ORDER, INCLUDING CLEANING, REPAIRING, OR REPLACING THEM THROUGHOUT THE CONTRACT PERIOD. THIS SHALL BEGIN WHEN THE FEATURES HAVE LOST 50% OF THEIR CAPACITY.

V.. INSPECTION REQUIREMENTS

- A. INSPECTIONS SHALL BE MADE JOINTLY BY THE CONTRACTOR AND THE CONTRACTING AUTHORITY'S INSPECTOR AT LEAST ONCE EVERY SEVEN CALENDAR DAYS. STORM WATER SITE INSPECTIONS WILL INCLUDE:
 - 1. DATE OF THE INSPECTION.
 - 2. SUMMARY OF THE SCOPE OF THE INSPECTION.
 - 3. NAME AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION.
 - 4. REVIEW OF EROSION AND SEDIMENT CONTROL MEASURES WITHIN DISTURBED AREAS FOR THE EFFECTIVENESS IN PREVENTING IMPACTS TO RECEIVING WATERS.
 - 5. MAJOR OBSERVATIONS RELATED TO THE IMPLEMENTATION OF THE PPP.
 - 6. IDENTIFICATION OF CORRECTIVE ACTIONS REQUIRED TO MAINTAIN OR MODIFY EROSION AND SEDIMENT CONTROL MEASURES.
- B. INCLUDE STORM WATER SITE INSPECTION REPORTS IN THE AMENDED PPP. INCORPORATE ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DETERMINED AS A RESULT OF THE INSPECTION. IMMEDIATELY BEGIN CORRECTIVE ACTIONS ON ALL DEFICIENCIES FOUND WITHIN 3 CALENDAR DAYS OF THE INSPECTION AND COMPLETE WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. IF IT IS DETERMINED THAT MAKING THE CORRECTIONS LESS THAN 72 HOURS AFTER THE INSPECTION IS IMPRACTICABLE, IT SHOULD BE DOCUMENTED WHY IT IS IMPRACTICABLE AND INDICATE AN ESTIMATED DATE BY WHICH THE CORRECTIONS WILL BE MADE.

VI.. NON-STORM WATER DISCHARGES

THIS INCLUDES SUBSURFACE DRAINS (I.E. LONGITUDINAL AND STANDARD SUBDRAINS) AND SLOPE DRAINS. THE VELOCITY OF THE DISCHARGE FROM THESE FEATURES MAY BE CONTROLLED BY THE USE OF HEADWALLS OR BLOCKS, CLASS A STONE, EROSION STONE OR OTHER APPROPRIATE MATERIALS. THIS ALSO INCLUDES UNCONTAMINATED GROUNDWATER FROM DEWATERING OPERATIONS, WHICH WILL BE CONTROLLED AS DISCUSSED IN SECTION III OF THE PPP.

VII.. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION

SILTS, SEDIMENT, AND OTHER FORMS OF POLLUTION MAY BE TRANSPORTED ONTO HIGHWAY RIGHT-OF-WAY (ROW) AS A RESULT OF A STORM EVENT. POTENTIAL SOURCES OF POLLUTION LOCATED OUTSIDE HIGHWAY ROW ARE BEYOND THE CONTROL OF THIS PPP. POLLUTION WITHIN HIGHWAY ROW WILL BE CONVEYED AND CONTROLLED PER THIS PPP.

VIII.. DEFINITIONS

- A. BASE PPP - INITIAL POLLUTION PREVENTION PLAN.
- B. AMENDED PPP - BASE PPP AMENDED DURING CONSTRUCTION. MAY INCLUDE PLAN REVISIONS OR CONTRACT MODIFICATIONS FOR NEW ITEMS, STORM WATER SITE INSPECTION REPORTS, FIELD BOOK ENTRIES MADE BY THE INSPECTOR, AMENDED PPP SITE MAP BY THE CONTRACTOR, ECIP, NOI, CO-PERMITTEE CERTIFICATIONS, AND SUBCONTRACTOR REQUEST FORMS. ITEMS AMENDING THE PPP ARE STORED ELECTRONICALLY AND ARE READILY AVAILABLE UPON REQUEST.
- C. FIELD BOOK ENTRIES - THIS CONTAINS THE INSPECTOR'S DAILY DIARY AND BID ITEM POSTINGS.
- D. CONTROLS - METHODS, PRACTICES, OR MEASURES TO MINIMIZE OR PREVENT EROSION, CONTROL SEDIMENTATION, CONTROL STORM WATER, OR MINIMIZE CONTAMINANTS FROM OTHER TYPES OF WASTE OR MATERIALS. ALSO CALLED BEST MANAGEMENT PRACTICES (BMPs).
- E. SIGNATURE AUTHORITY - REPRESENTATIVE AUTHORIZED TO SIGN VARIOUS STORM WATER DOCUMENTS.

IX.. CERTIFICATION STATEMENT

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.

SIGNATURE

PRINTED OR TYPED NAME

SIGNATURE

PRINTED OR TYPED NAME

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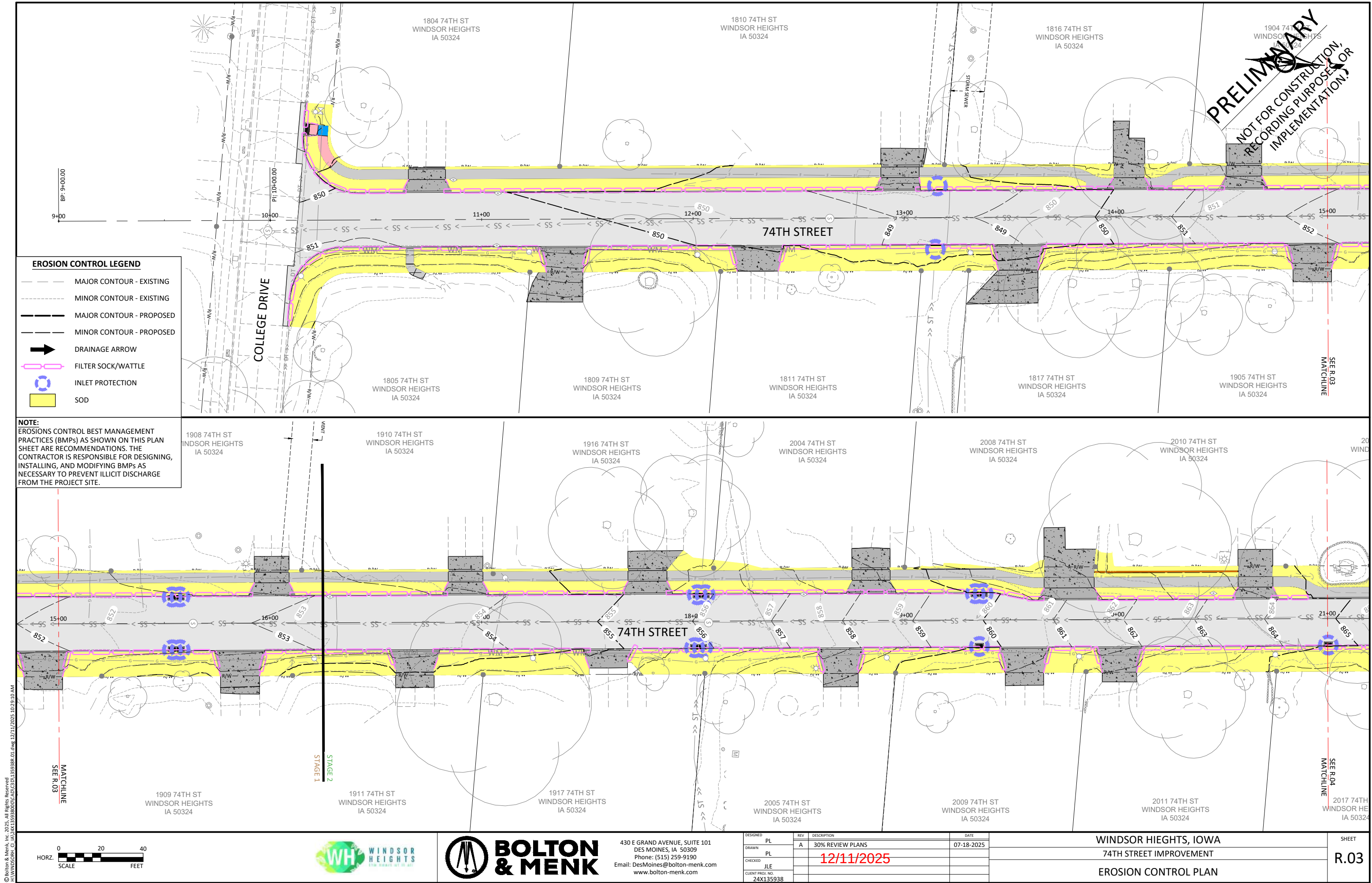
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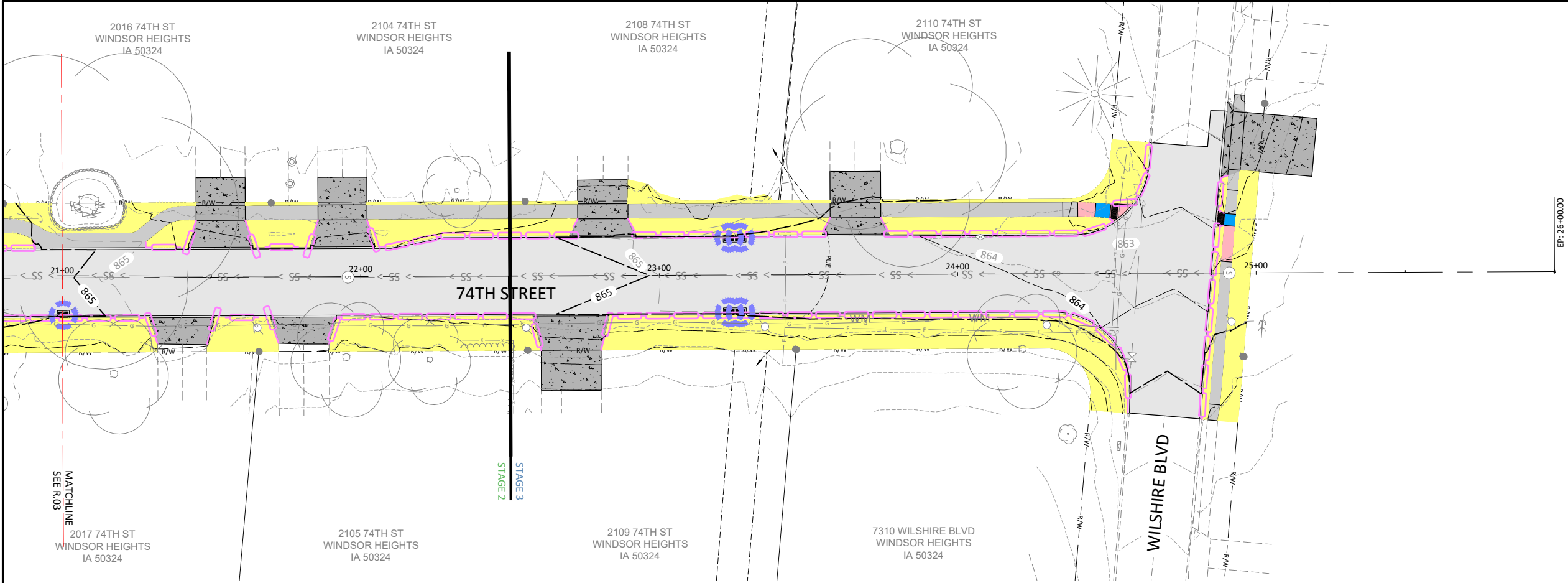
74TH STREET IMPROVEMENT

SWPPP GENERAL NOTE

SHEET

R.02





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EROSION CONTROL LEGEND

- MAJOR CONTOUR - EXISTING (dashed line)
- MINOR CONTOUR - EXISTING (dotted line)
- MAJOR CONTOUR - PROPOSED (solid line)
- MINOR CONTOUR - PROPOSED (dashed line)
- DRAINAGE ARROW (black arrow)
- FILTER SOCK/WATTLE (pink line)
- INLET PROTECTION (blue circle)
- SOD (yellow fill)

NOTE:
EROSIONS CONTROL BEST MANAGEMENT PRACTICES (BMPs) AS SHOWN ON THIS PLAN SHEET ARE RECOMMENDATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, INSTALLING, AND MODIFYING BMPs AS NECESSARY TO PREVENT ILLICIT DISCHARGE FROM THE PROJECT SITE.

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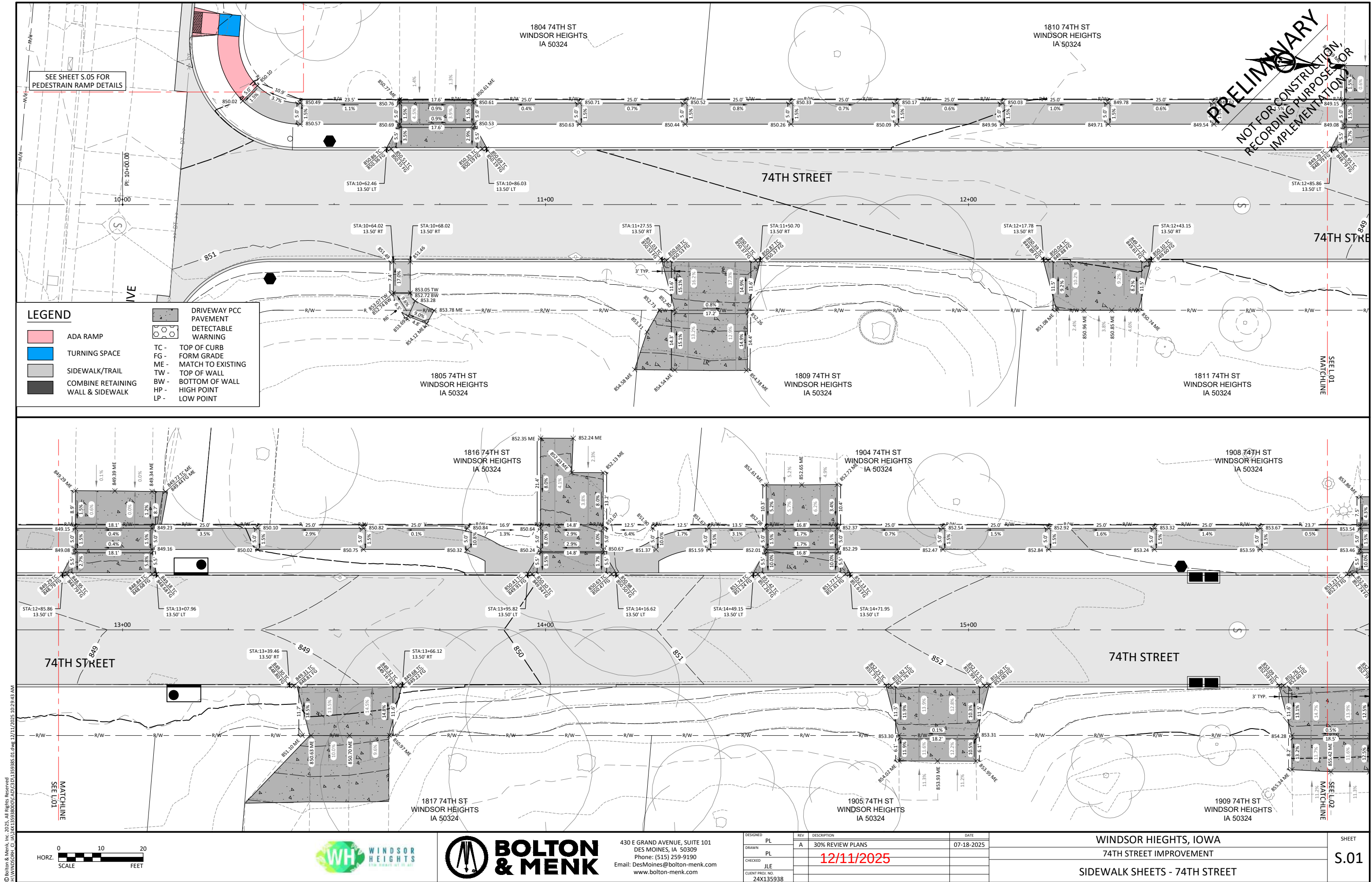


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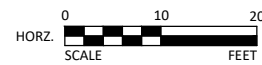
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
EROSION CONTROL PLAN

SHEET
R.04



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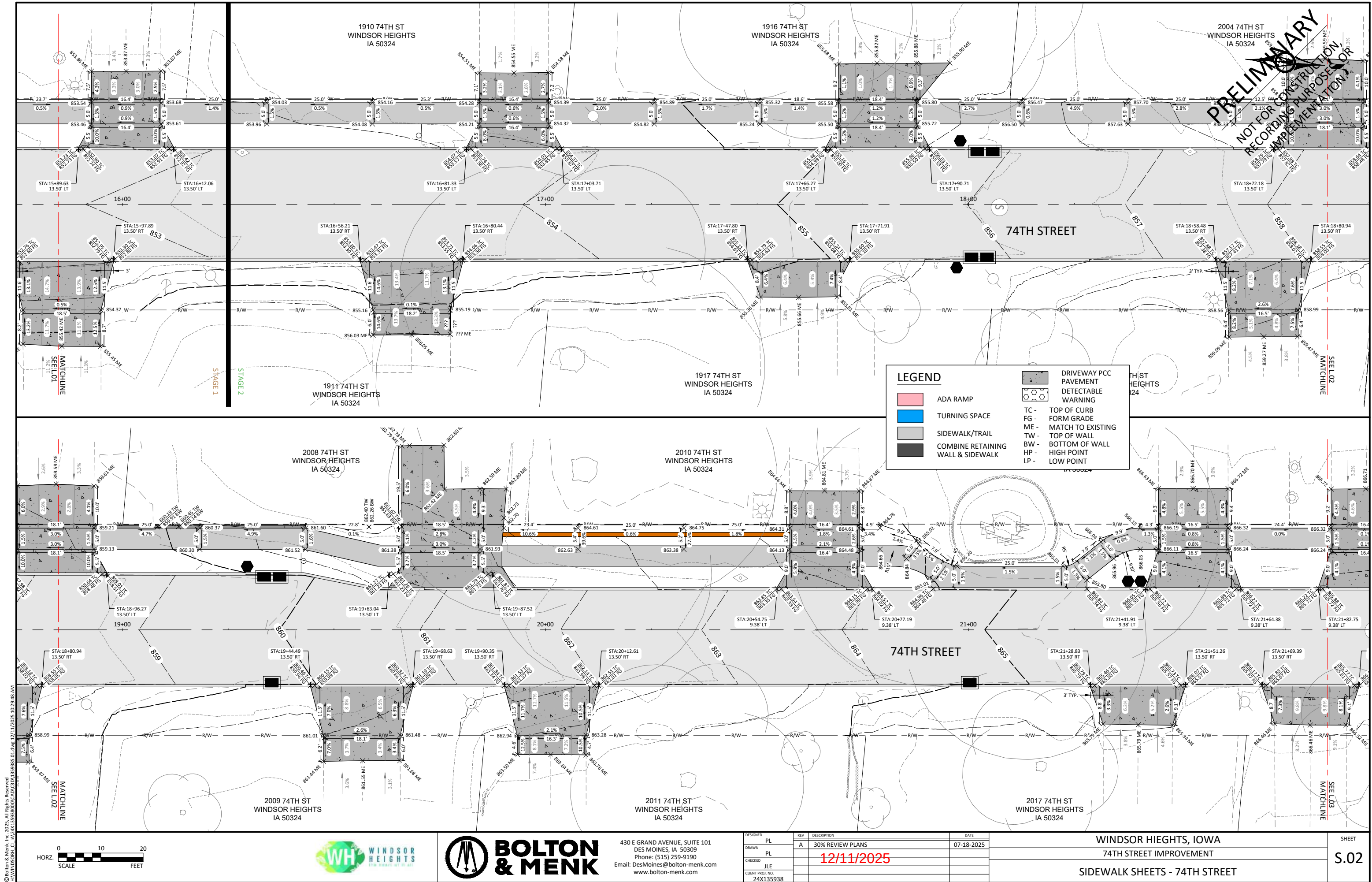


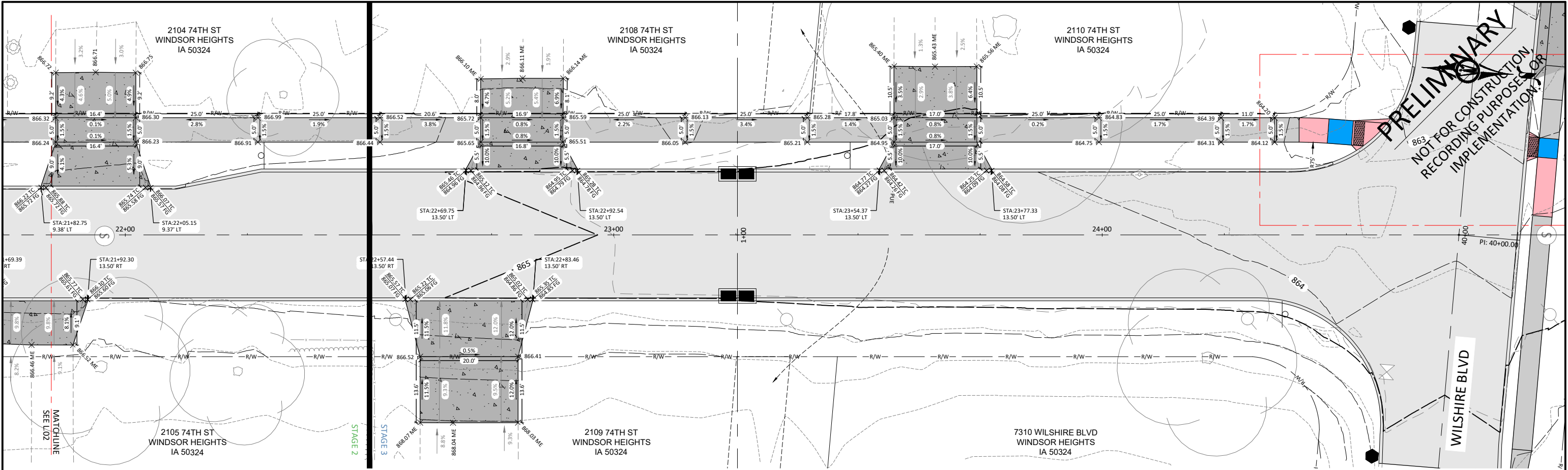
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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SIDEWALK SHEETS - 74TH STREET

SHEET
S.01





LEGEND

ADA RAMP

TURNING SPACE

SIDEWALK/TRAIL

COMBINE RETAINING WALL & SIDEWALK

DRIVEWAY PCC PAVEMENT

DETECTABLE WARNING

TC -

TOP OF CURB

FG -

FORM GRADE

ME -

MATCH TO EXISTING

TW -

TOP OF WALL

BW -

BOTTOM OF WALL

HP -

HIGH POINT

LP -

LOW POINT

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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
SIDEWALK SHEETS - 74TH STREET

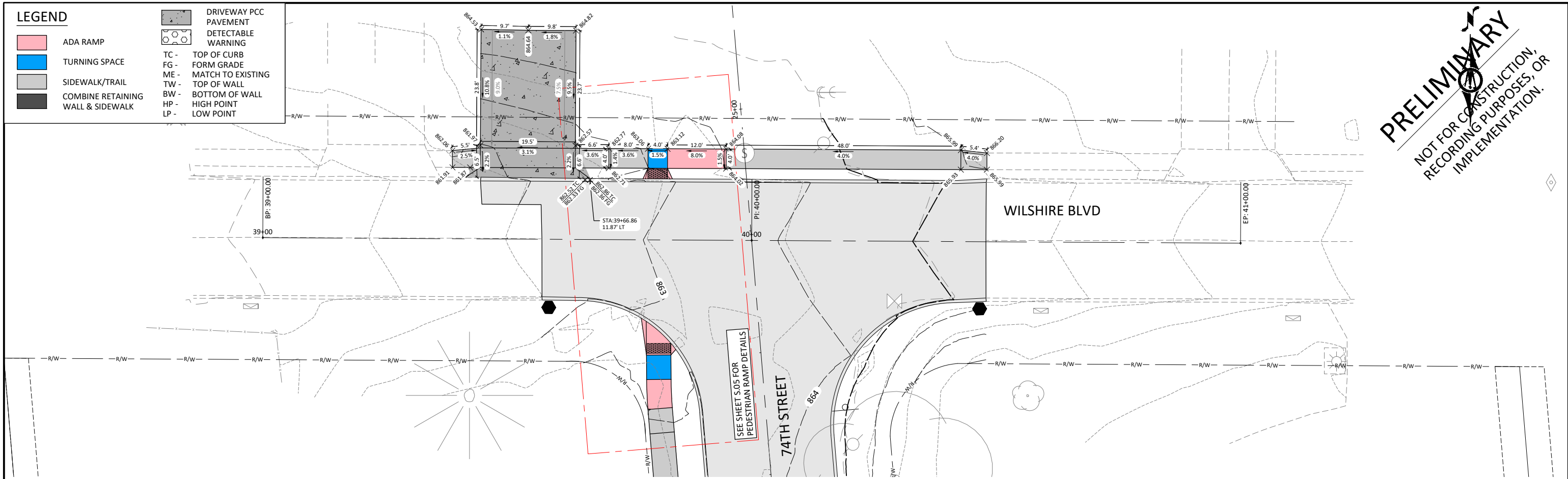
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S.03

LEGEND

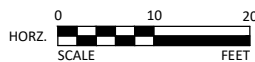
- ADA RAMP
- TURNING SPACE
- SIDEWALK/TRAIL
- COMBINE RETAINING WALL & SIDEWALK

- DRIVEWAY PCC PAVEMENT
- DETECTABLE WARNING
- TC - TOP OF CURB
- FG - FORM GRADE
- ME - MATCH TO EXISTING
- TW - TOP OF WALL
- BW - BOTTOM OF WALL
- HP - HIGH POINT
- LP - LOW POINT

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74TH STREET IMPROVEMENT
SIDEWALK SHEETS - WILSHIRE BLVD

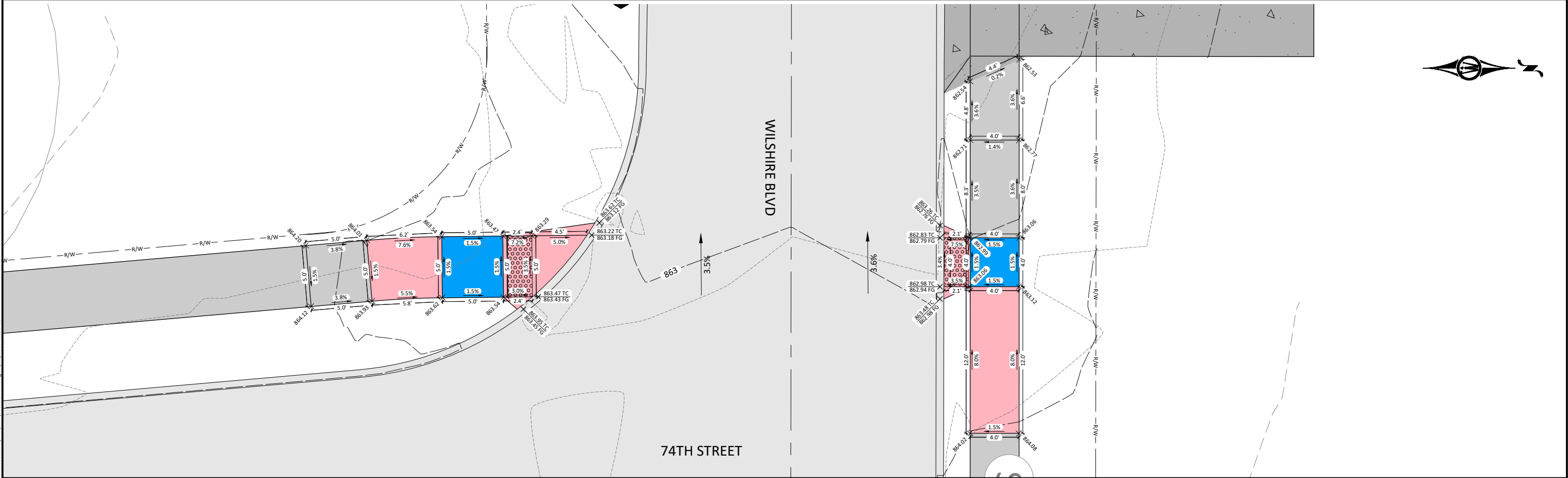
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S.04

LEGEND

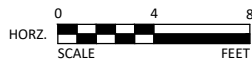
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- TURNING SPACE
- SIDEWALK/TRAIL
- COMBINE RETAINING WALL & SIDEWALK

- DRIVEWAY PCC PAVEMENT
- DETECTABLE WARNING
- TC - TOP OF CURB
- FG - FORM GRADE
- ME - MATCH TO EXISTING
- TW - TOP OF WALL
- BW - BOTTOM OF WALL
- HP - HIGH POINT
- LP - LOW POINT

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WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
ADA COMPLIANCE

SHEET
S.05

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	CLASS 13 EXCAVATION			TOPSOIL		
Station	Total Class 13 Unadjusted Volume	Total Fill Adjusted w/ Weighted Average 1.35 Shrink Factor	Total Cut Adjusted Minus Fill w/ Shrink	Topsail Stripping Undercut Volume	Topsail Placement With 1.5 Shrink Factor	Topsail Stripping Minus Topsail Placement w/ Shrink
10+25	21	1	20	13	17	-4
10+50	18	2	16	16	17	-2
10+75	18	3	15	9	11	-1
11+00	16	2	14	11	12	-1
11+25	20	3	17	13	14	-1
11+50	25	2	23	7	7	0
11+75	22	2	20	13	14	-1
12+00	24	3	21	13	14	-1
12+25	24	2	22	11	12	-1
12+50	18	4	14	8	8	0
12+75	19	6	13	13	14	-1
13+00	21	4	17	10	12	-1
13+25	24	3	21	10	13	-3
13+50	32	2	30	11	11	0
13+75	30	3	28	9	9	0
14+00	27	2	24	13	14	-1
14+25	21	0	20	10	11	-1
14+50	8	5	3	13	14	-1
14+75	3	7	-4	9	10	-1
15+00	3	10	-7	8	8	0
15+25	4	8	-4	12	13	-1
15+50	5	7	-2	13	14	-1
15+75	8	6	2	13	14	-1
16+00	11	2	9	5	5	1
16+25	12	2	10	11	12	-1
16+50	14	2	12	13	14	-1
16+75	14	2	12	8	8	0
17+00	17	1	16	9	9	-1
17+25	16	3	13	13	14	-1
17+50	14	4	10	13	14	-1
17+75	14	3	11	5	5	0
18+00	13	3	10	10	11	-2
18+25	14	5	8	12	14	-2
18+50	20	2	18	13	14	-1
18+75	25	1	24	9	9	0
19+00	26	0	26	8	9	-1
19+25	24	1	23	13	14	-1
19+50	20	3	17	12	13	-1
19+75	25	0	24	6	6	0
20+00	26	0	26	9	9	0
20+25	31	0	31	12	10	2
20+50	22	1	21	15	15	0
20+75	13	4	9	10	11	-2
21+00	14	4	10	12	15	-3
21+25	7	6	1	9	11	-2
21+50	5	9	-4	7	8	-1
21+75	5	7	-2	7	12	-4
22+00	8	6	1	4	6	-3
22+25	12	6	6	11	15	-4
22+50	14	6	8	12	14	-3
22+75	18	4	14	6	8	-1
23+00	19	3	16	7	9	-2
23+25	18	5	13	13	14	-1
23+50	18	4	15	13	14	-1
23+75	18	1	18	9	10	-1
24+00	16	2	14	13	14	-1
24+25	15	4	12	13	14	-1

	CLASS 13 EXCAVATION			TOPSOIL		
Station	Total Class 13 Unadjusted Volume	Total Fill Adjusted w/ Weighted Average 1.35 Shrink Factor	Total Cut Adjusted Minus Fill w/ Shrink	Topsail Stripping Undercut Volume	Topsail Placement With 1.5 Shrink Factor	Topsail Stripping Minus Topsail Placement w/ Shrink
24+50	15	4	11	18	20	-2
24+75	30	5	25	12	14	-2
25+00	28	1	27	18	22	-4
25+25	5	0	5	0	0	0
PROJECT TOTAL	1048	205	843	651	727	-76

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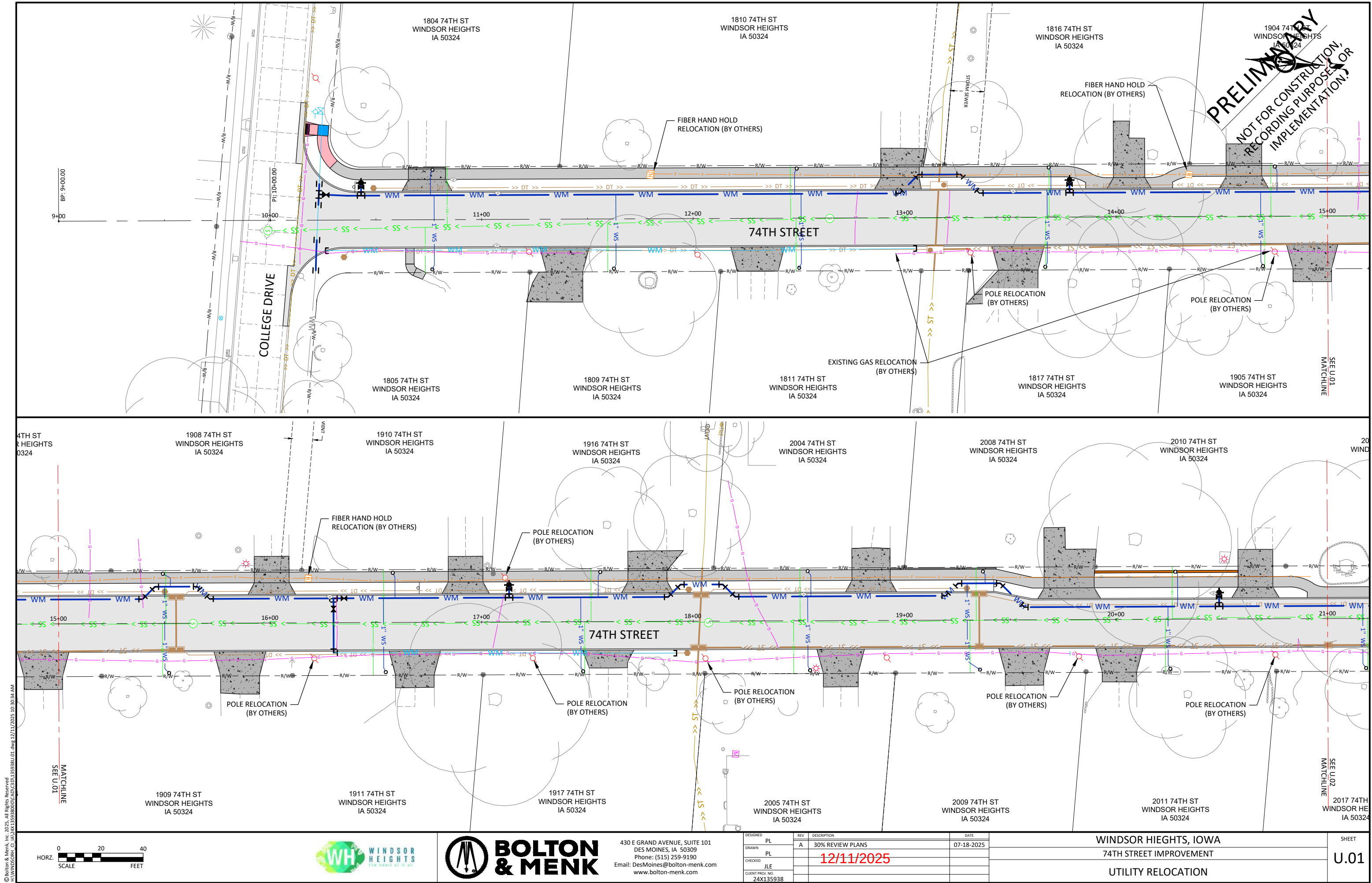
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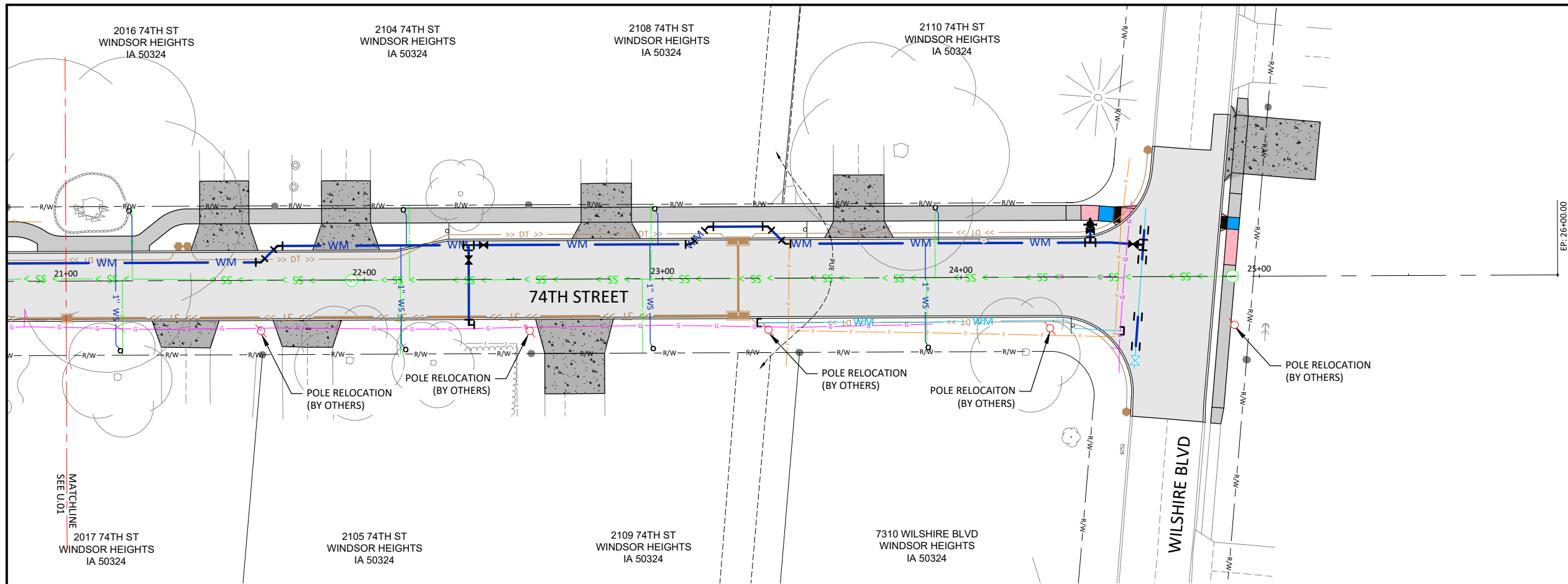
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74TH STREET IMPROVEMENT
EARTHWORK TABULATION

SHEET

T.01



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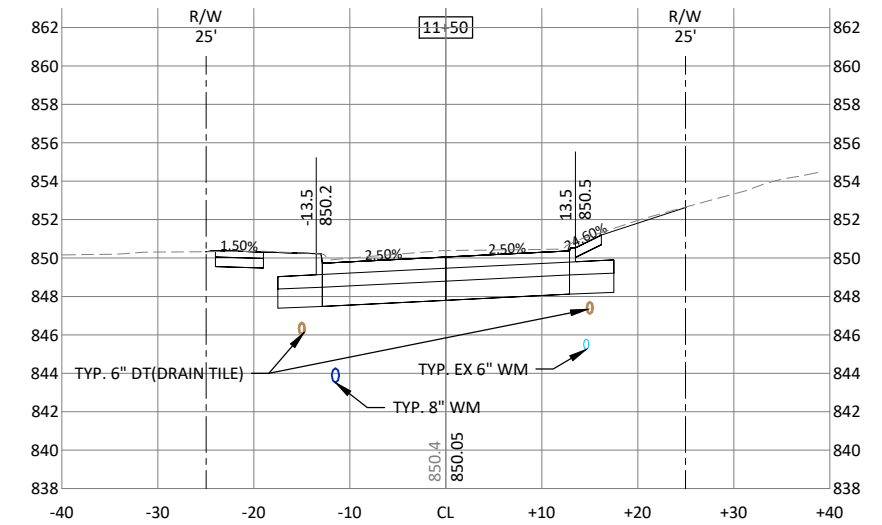
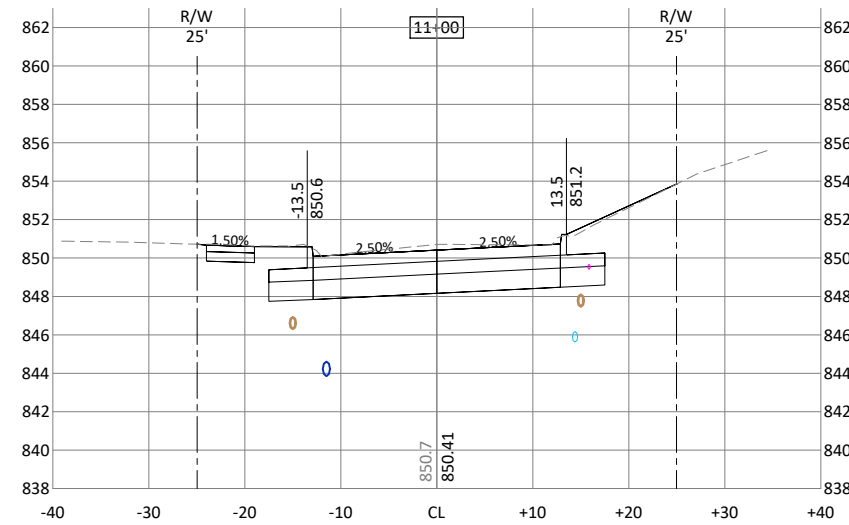
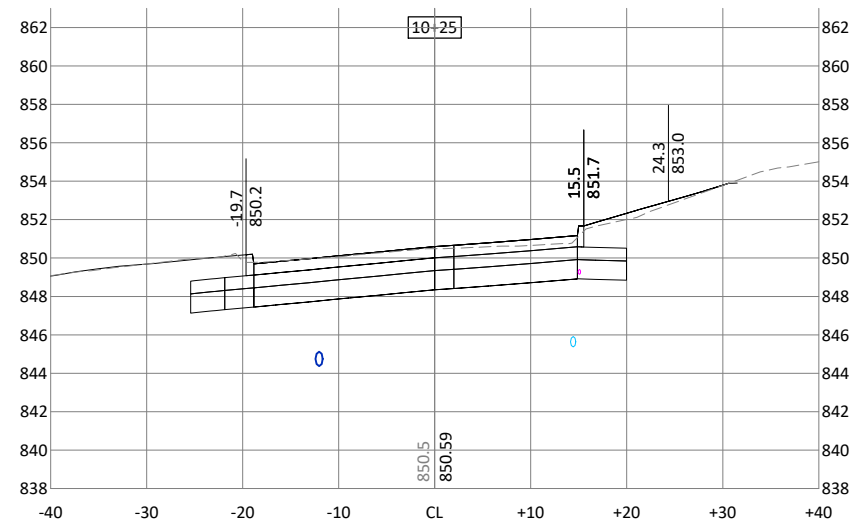
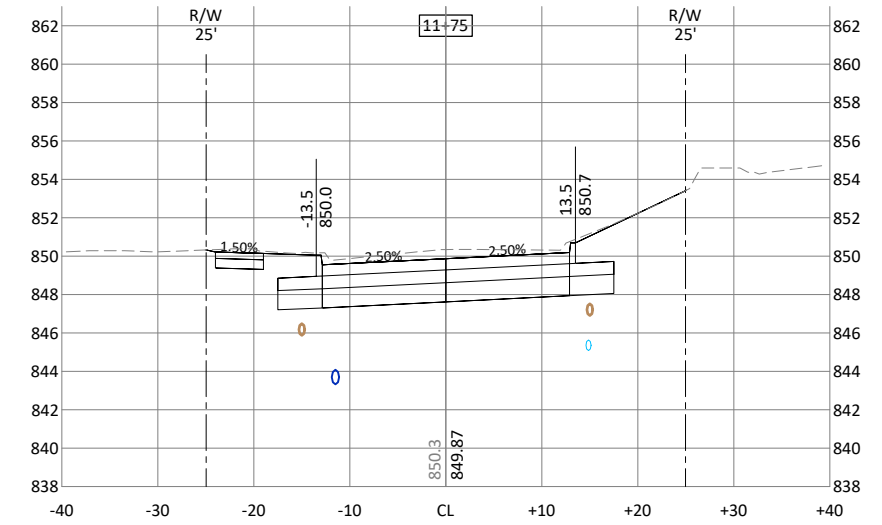
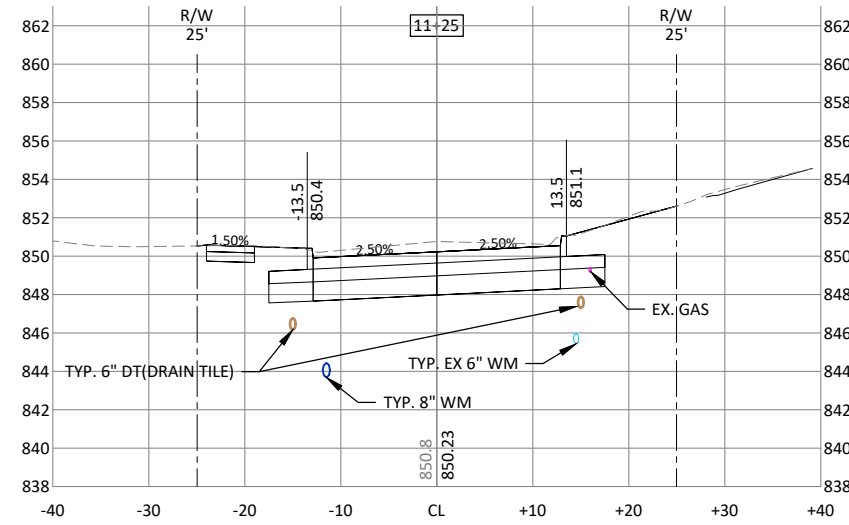
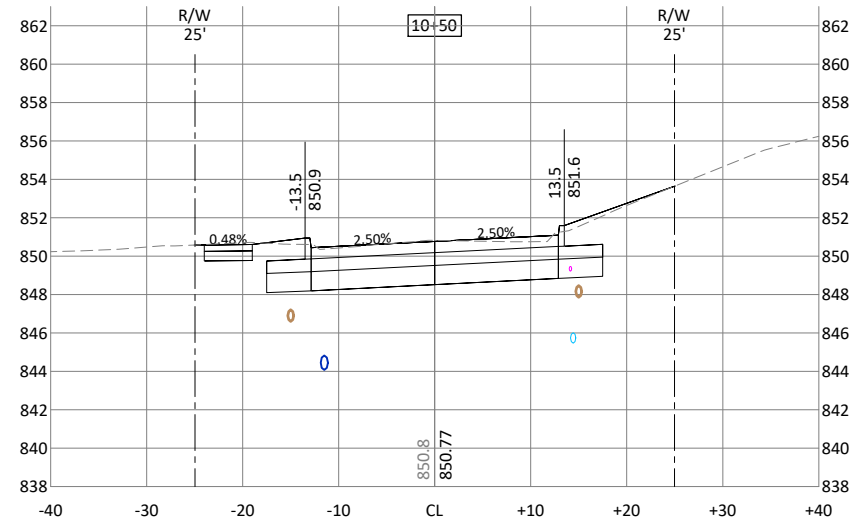
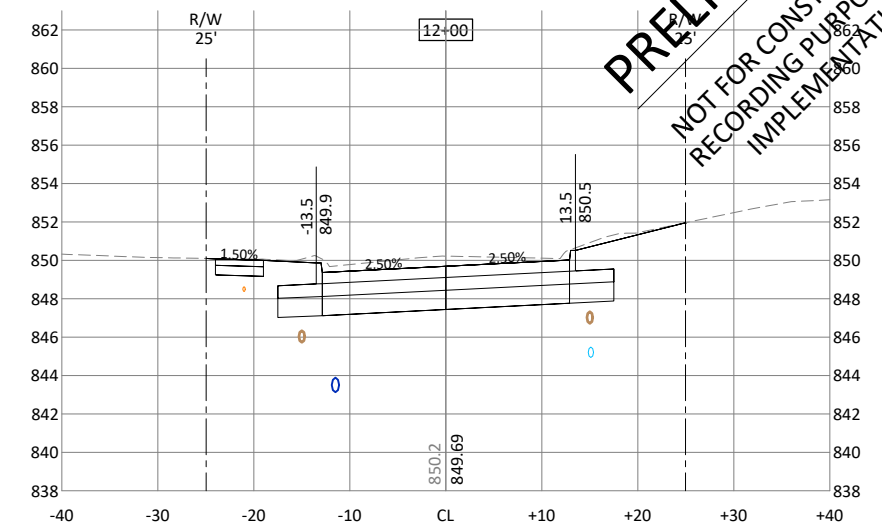
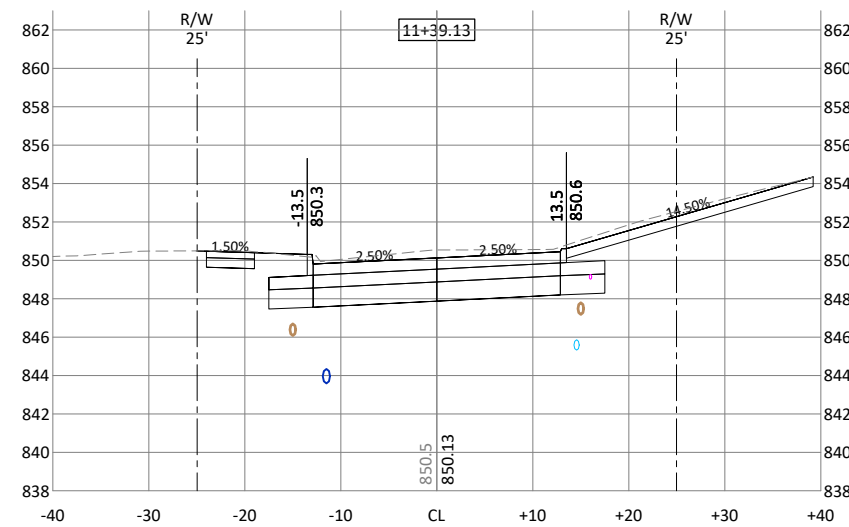
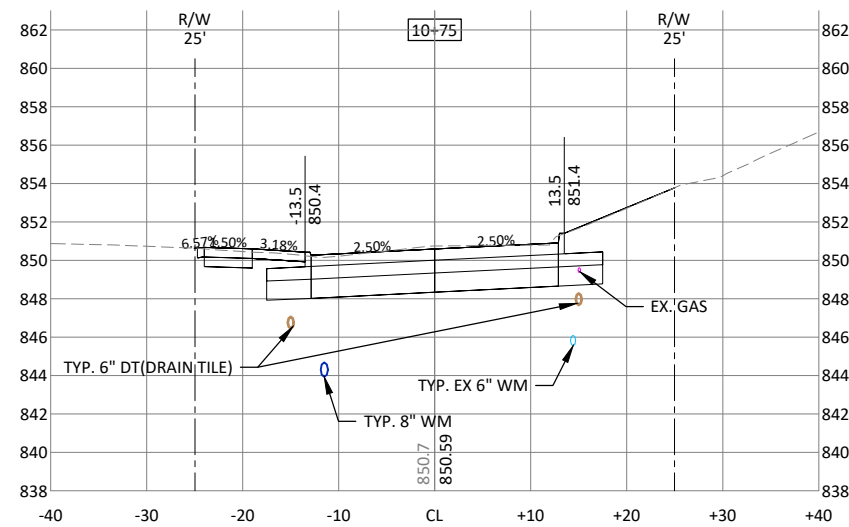


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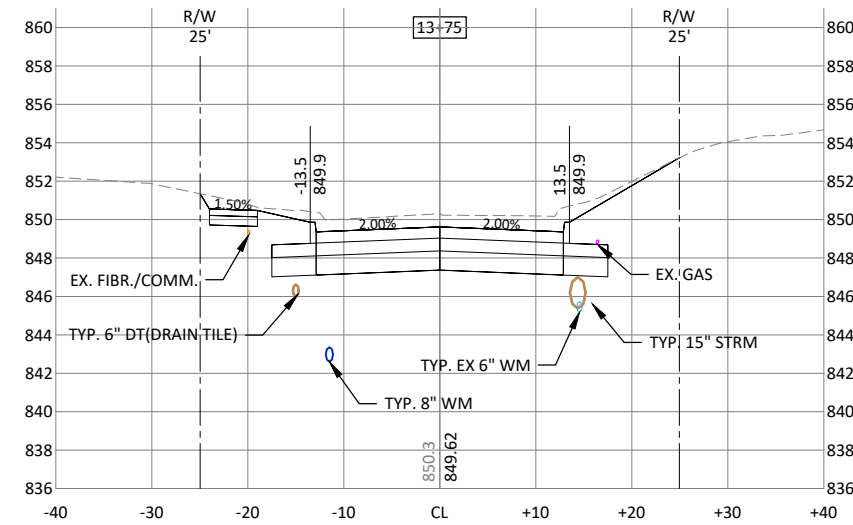
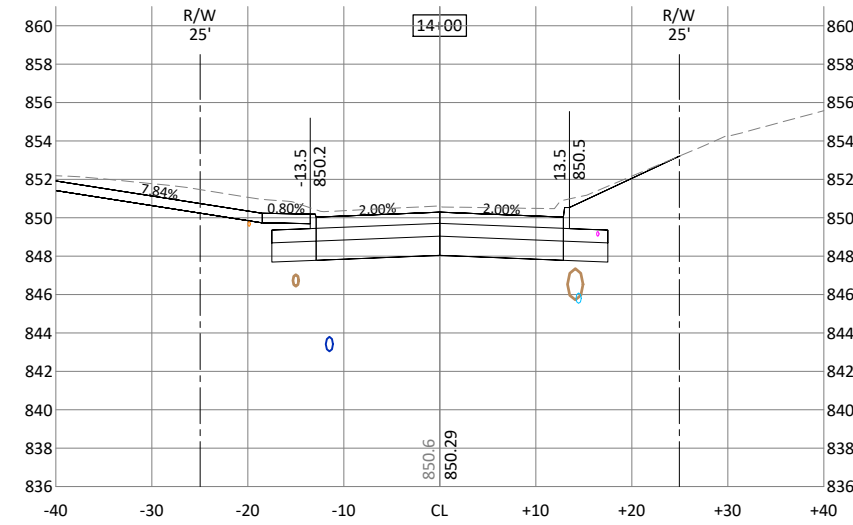
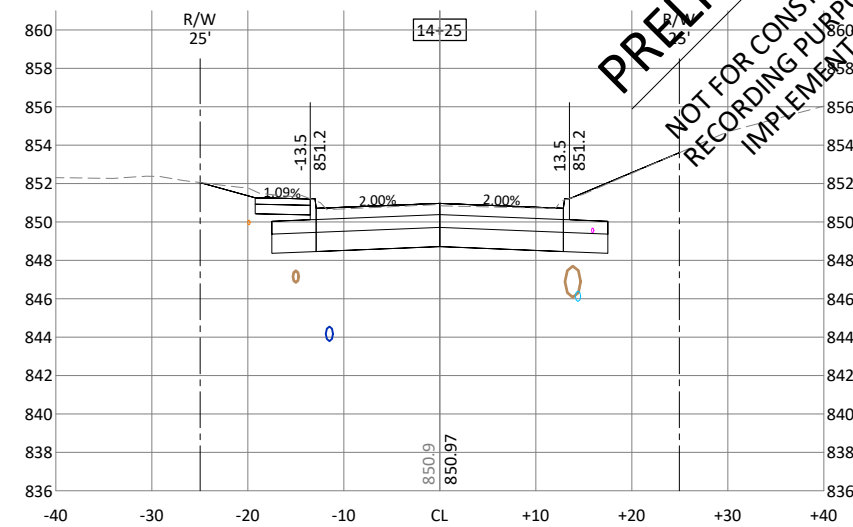
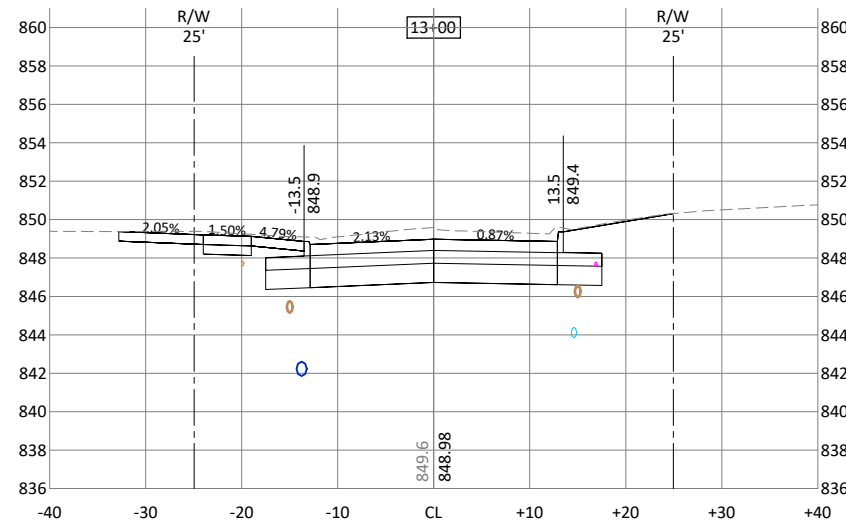
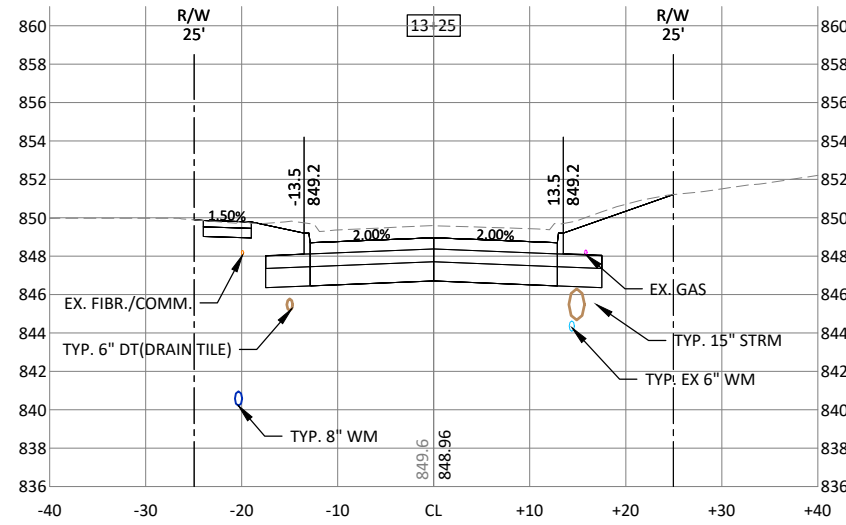
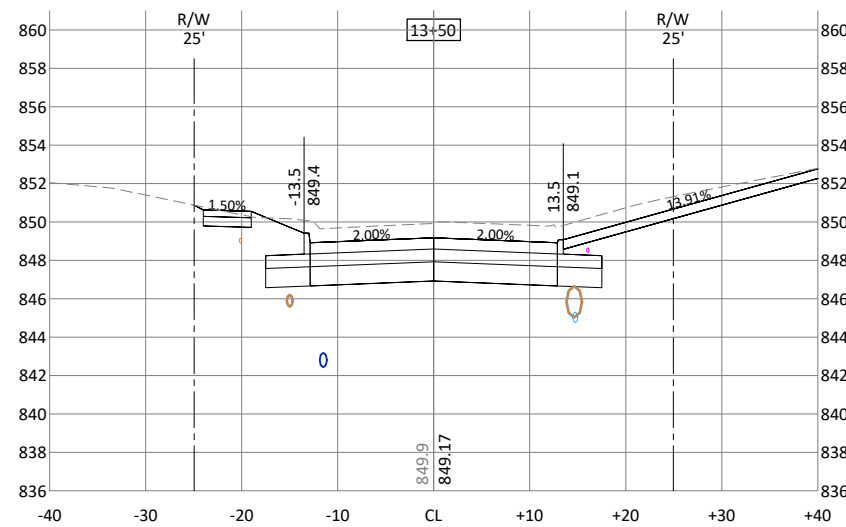
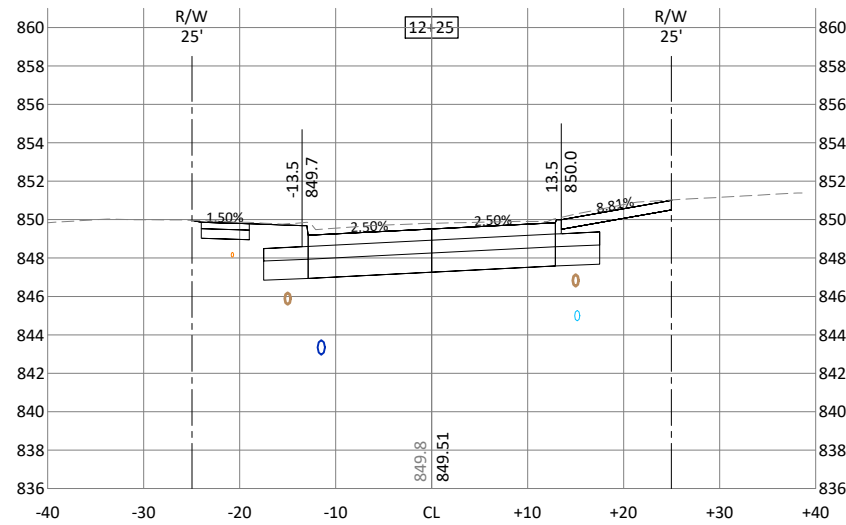
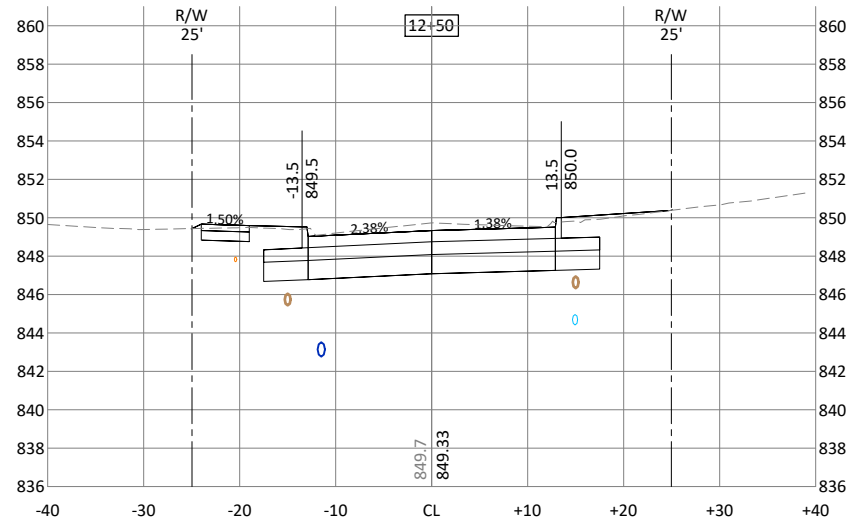
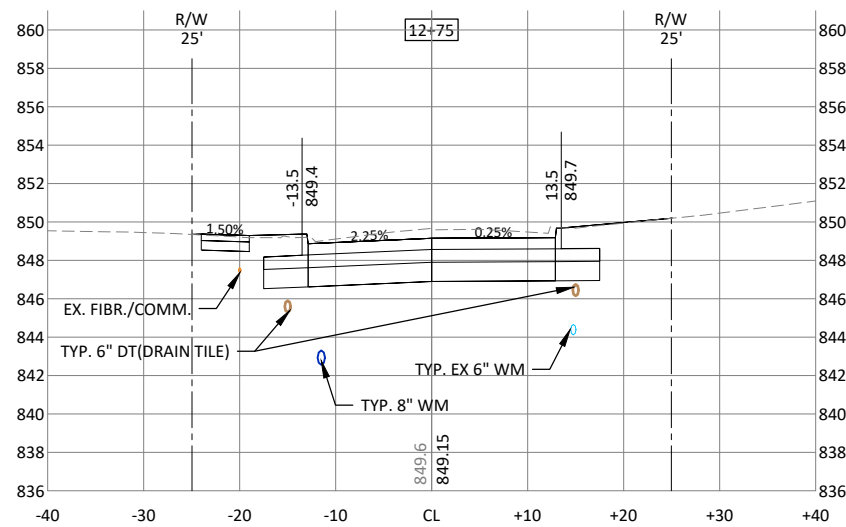
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PL	A	30% REVIEW PLANS	07-18-2025
DRAWN	PL	12/11/2025	
CHECKED	JLE		
CLIENT PROJ. NO.	24X135938		

WINDSOR HIEGHTS, IOWA
74TH STREET IMPROVEMENT
UTILITY RELOCATION

SHEET
U.02



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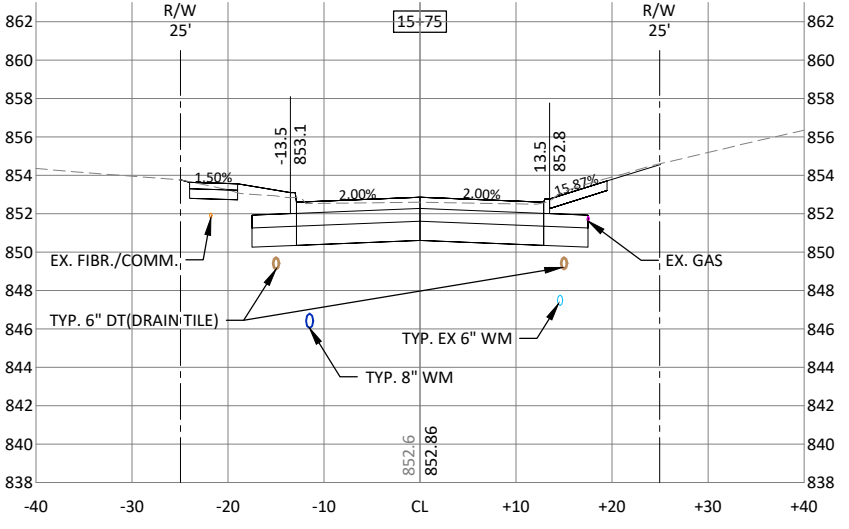
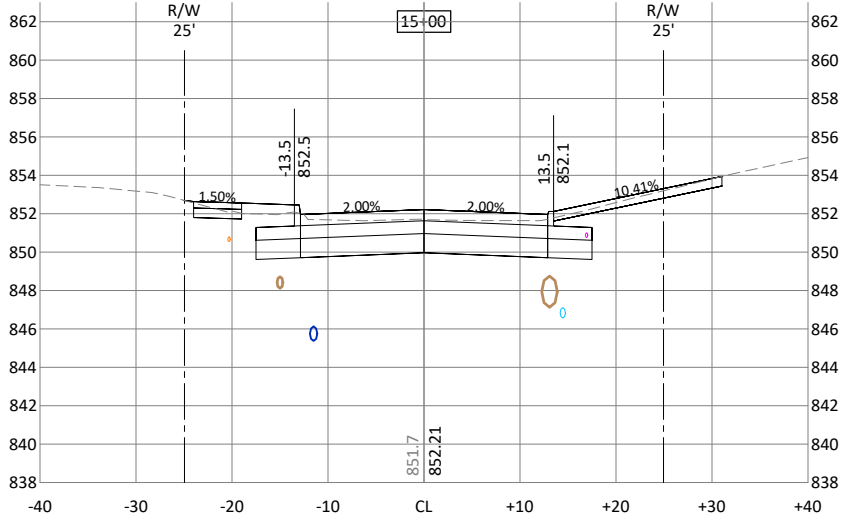
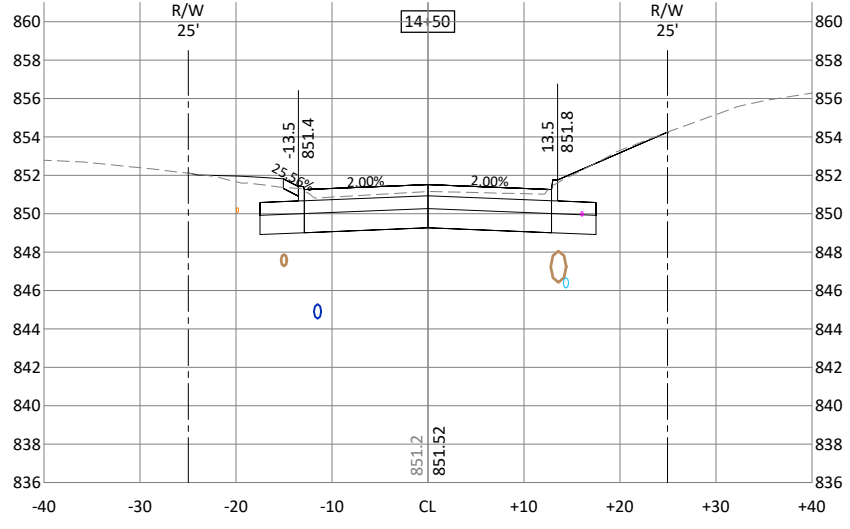
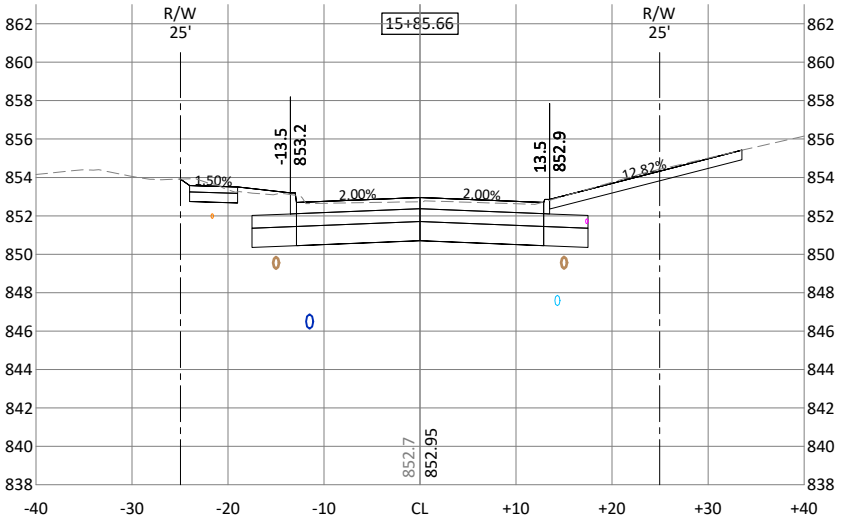
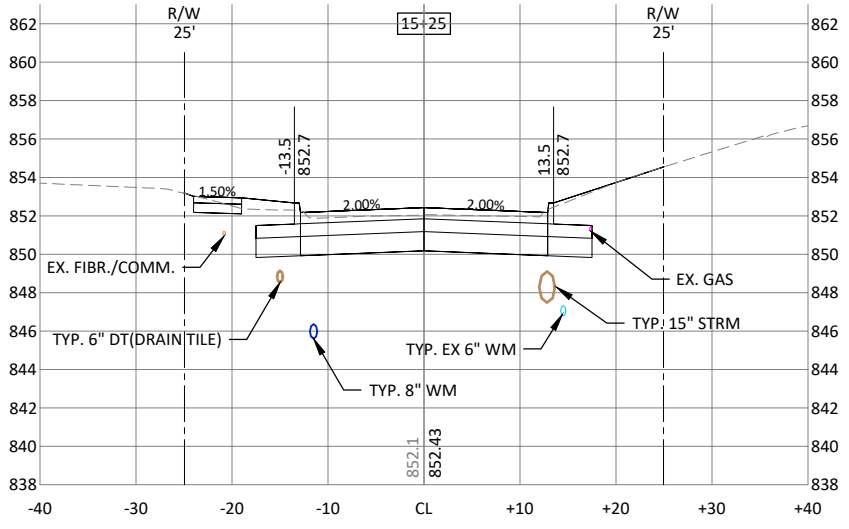
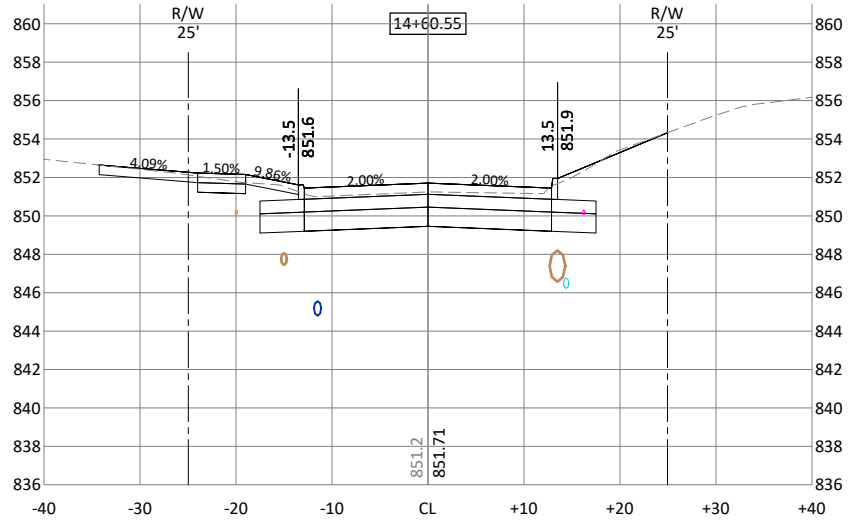
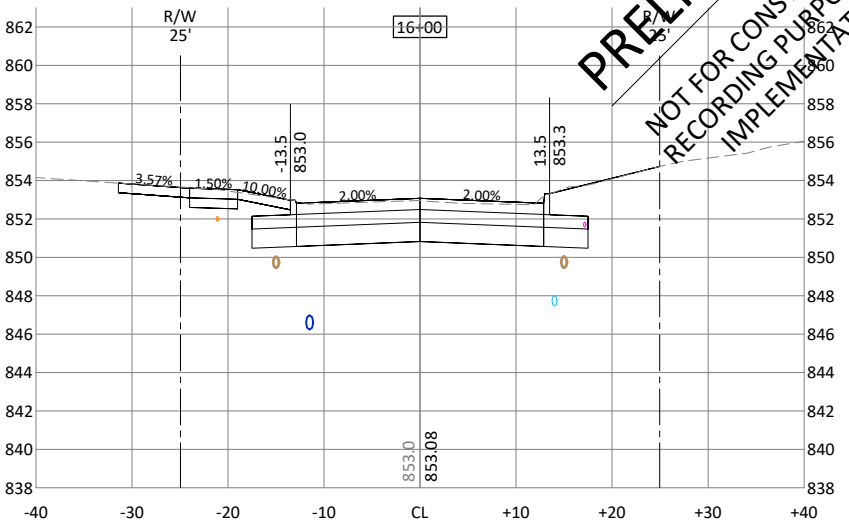
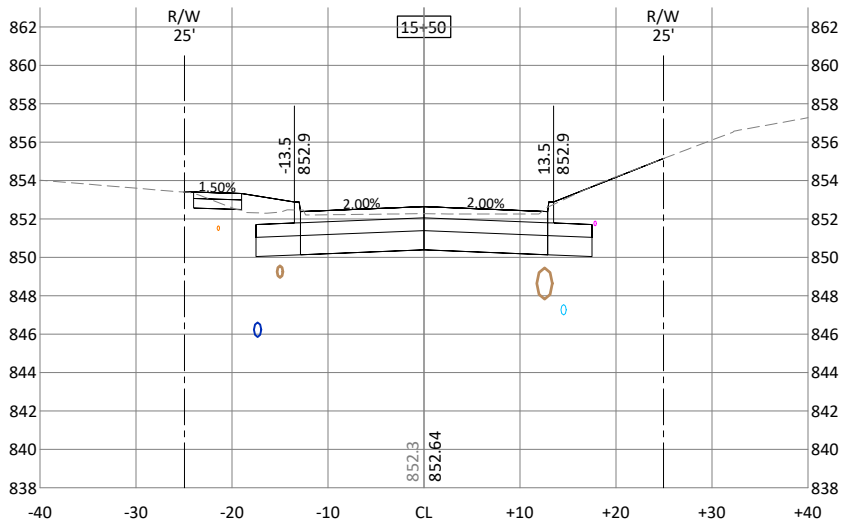
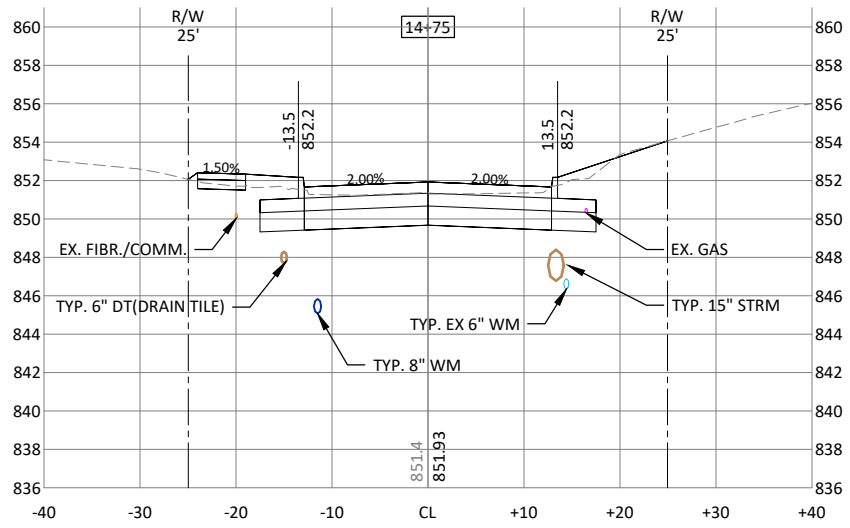
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PL			
JLE			
CLIENT PROJ. NO.			
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WINDSOR HIGHTS, IOWA
74TH STREET IMPROVEMENT
CROSS SECTIONS - 74TH STREET

SHEET
W.02

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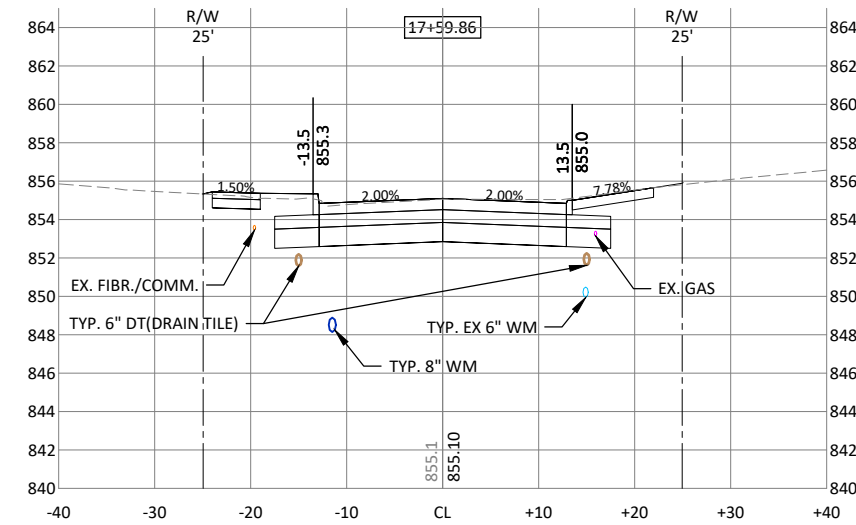
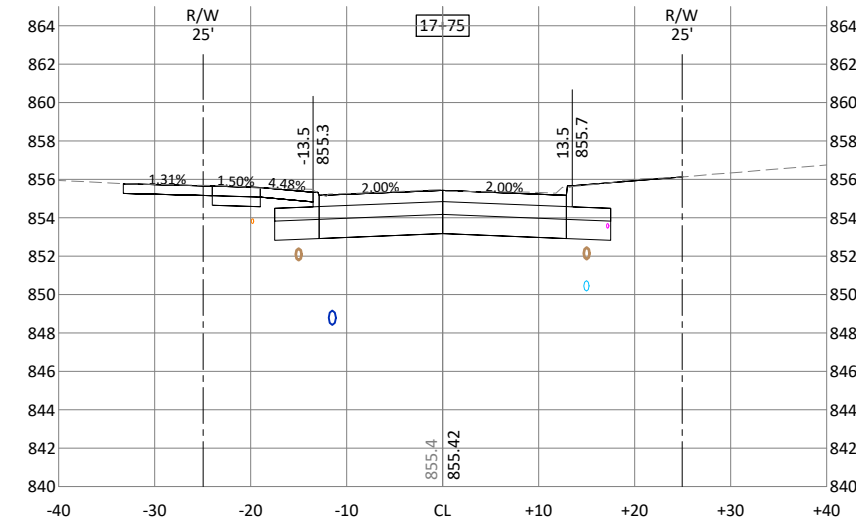
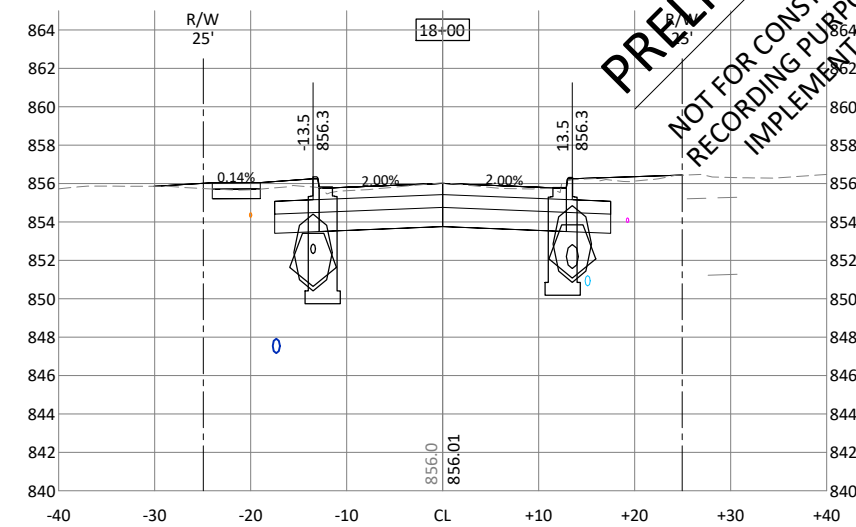
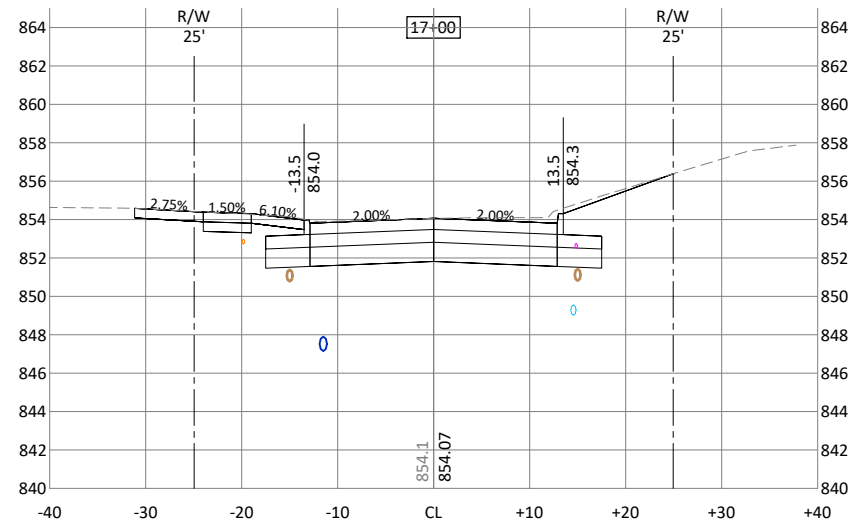
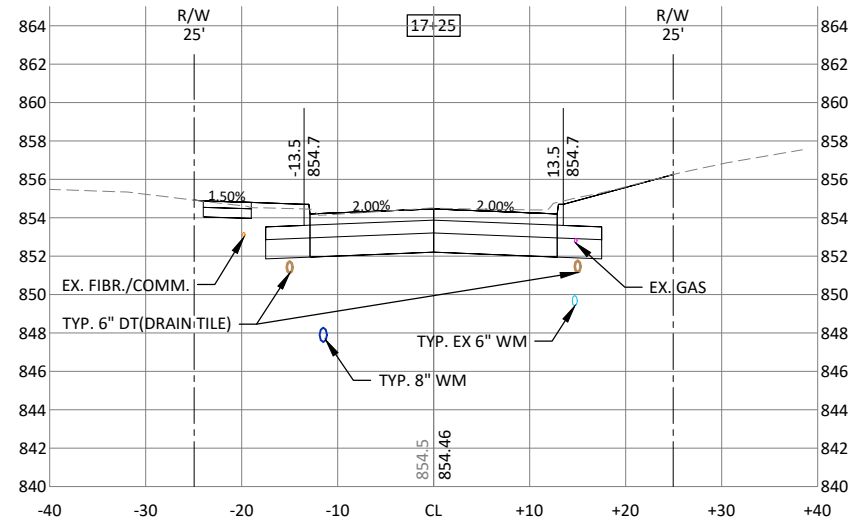
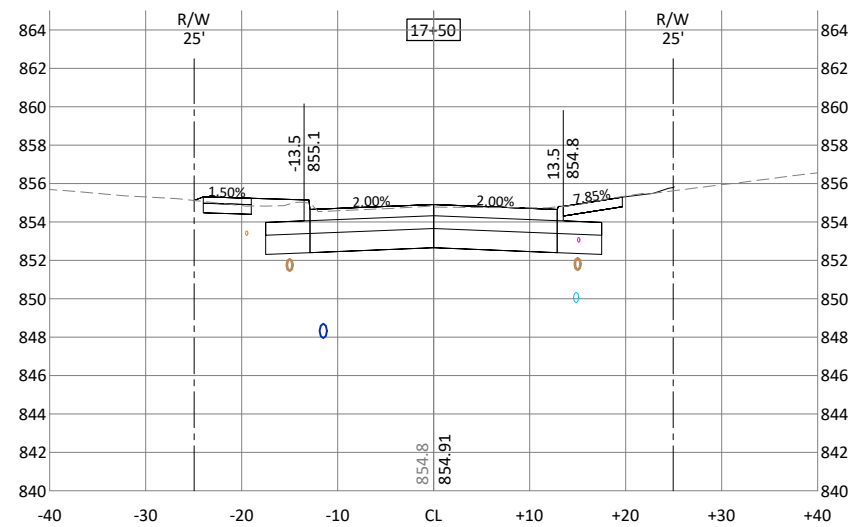
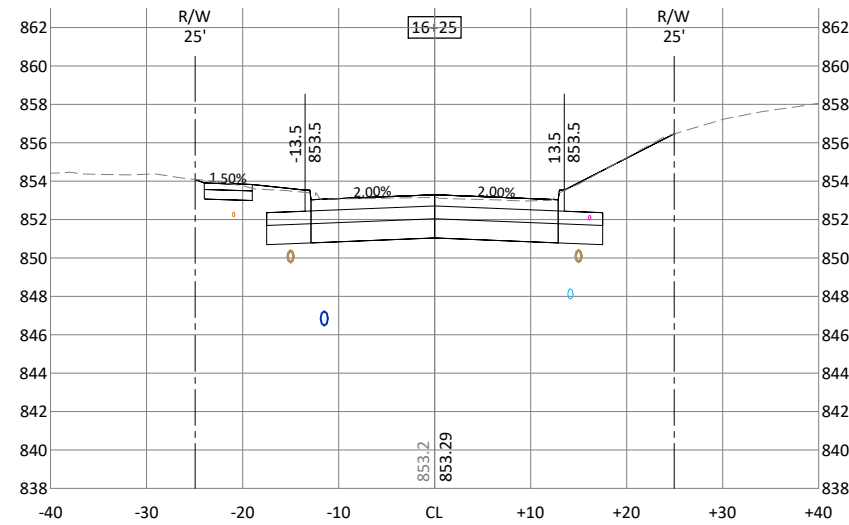
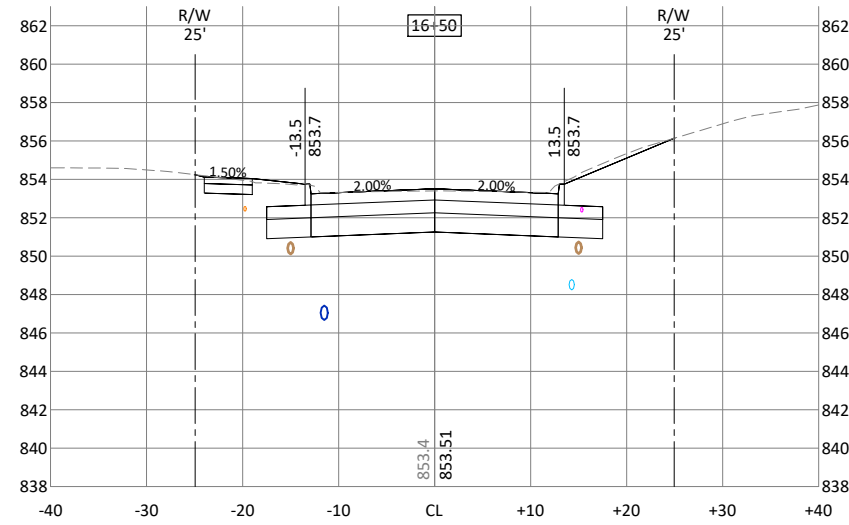
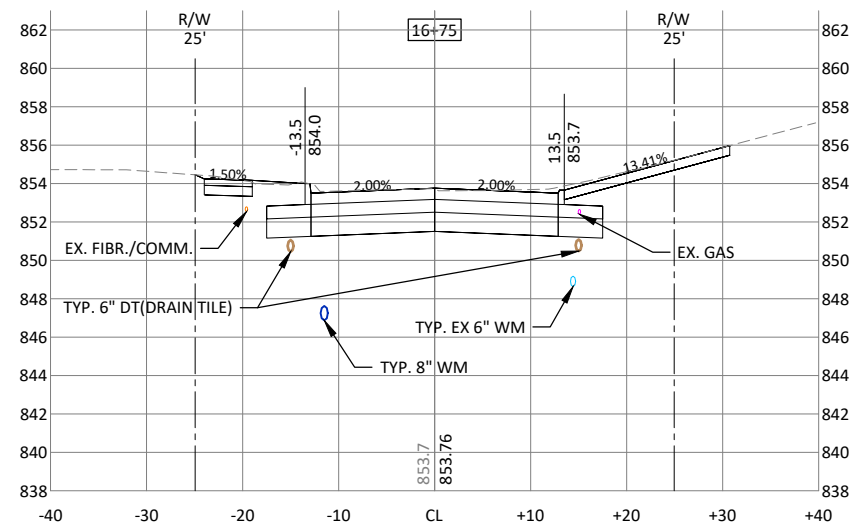


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74TH STREET IMPROVEMENT	W.03
CROSS SECTIONS - 74TH STREET	

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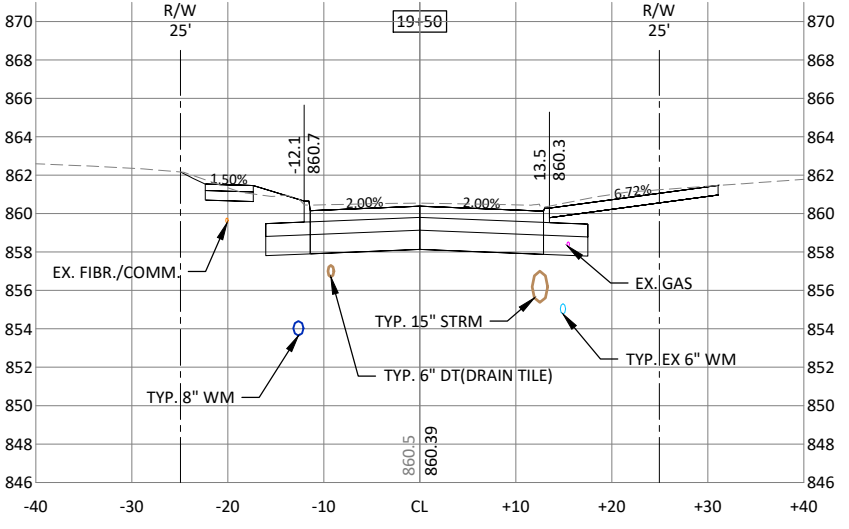
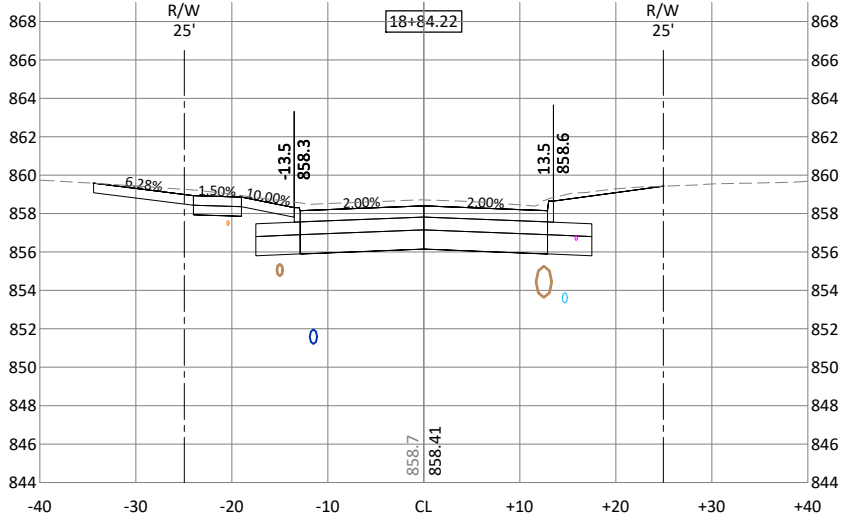
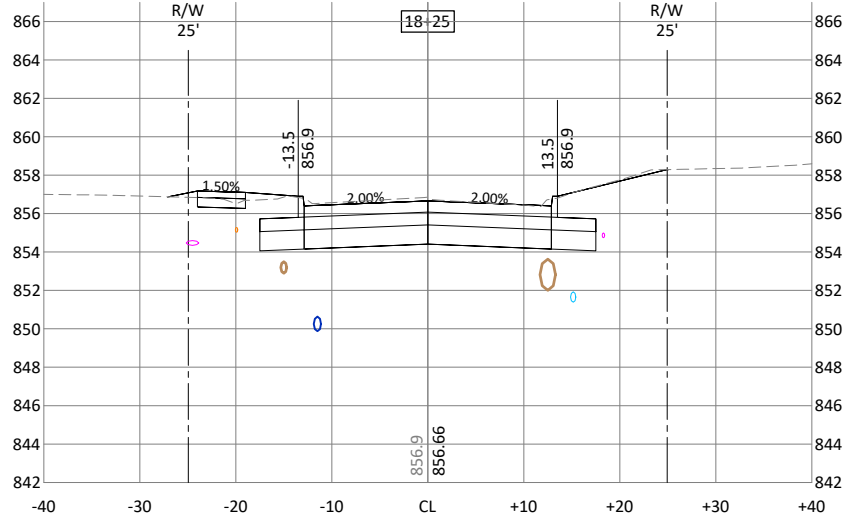
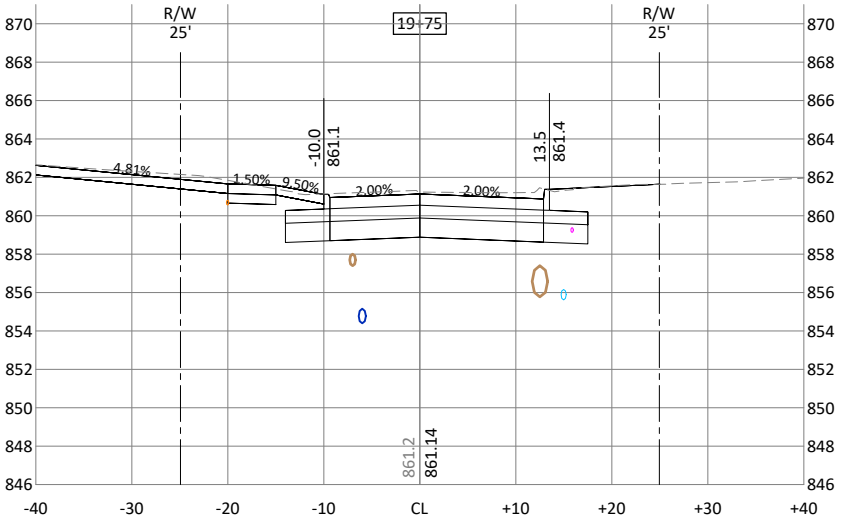
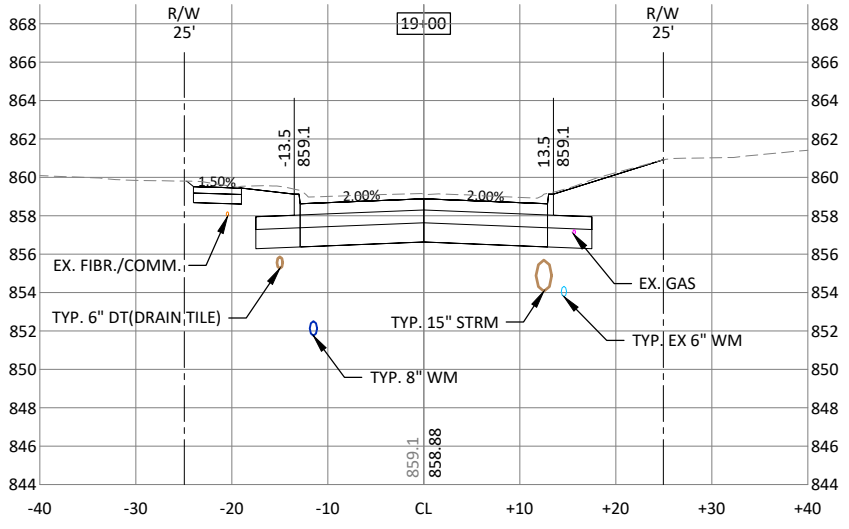
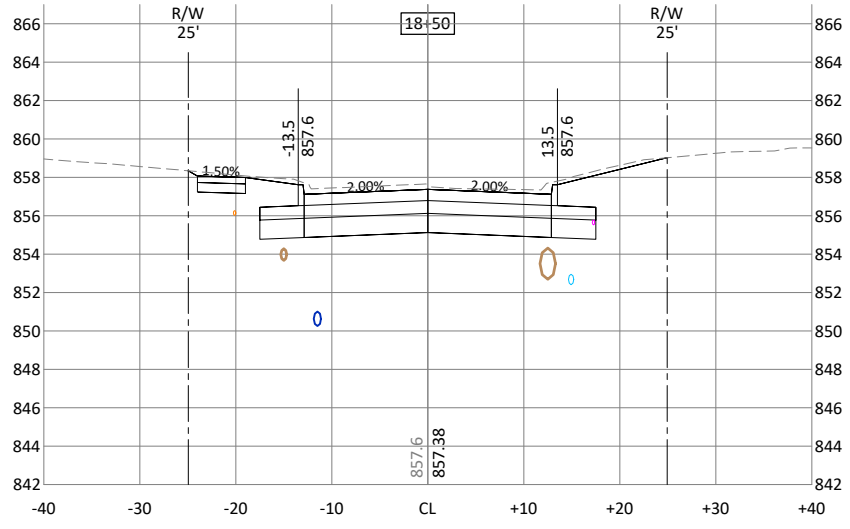
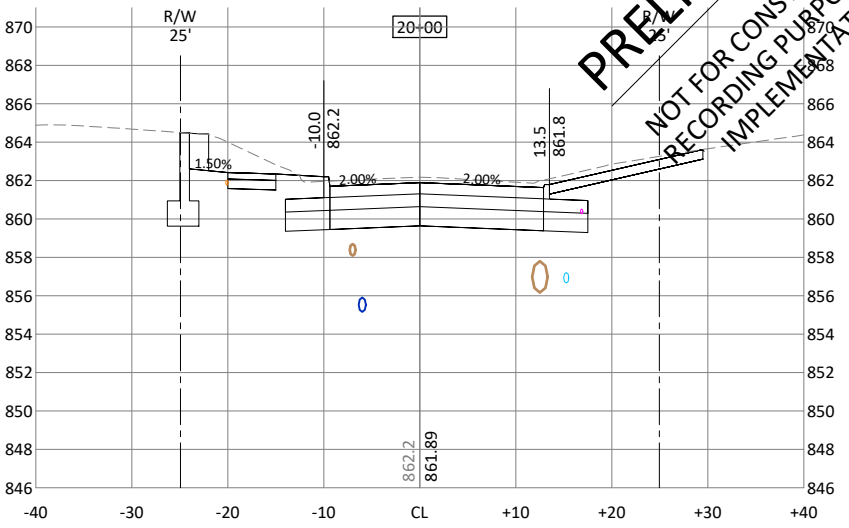
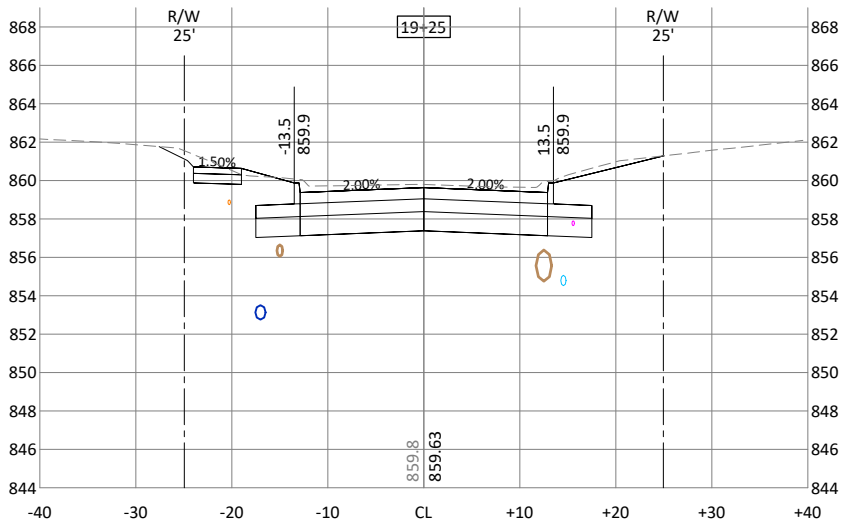
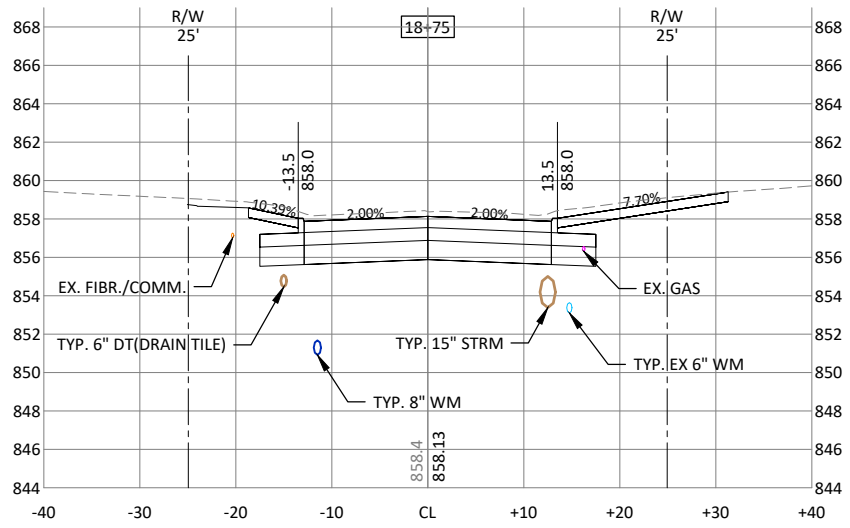
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74TH STREET IMPROVEMENT
CROSS SECTIONS - 74TH STREET

SHEET
W.04

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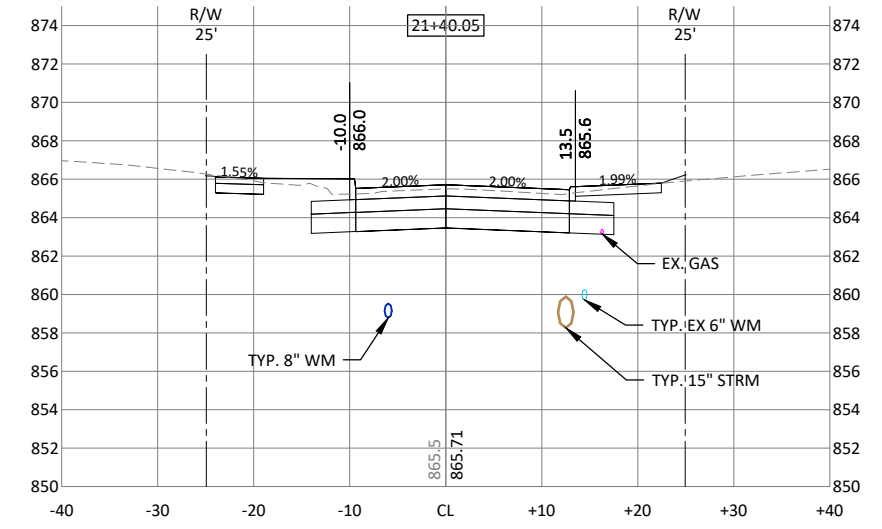
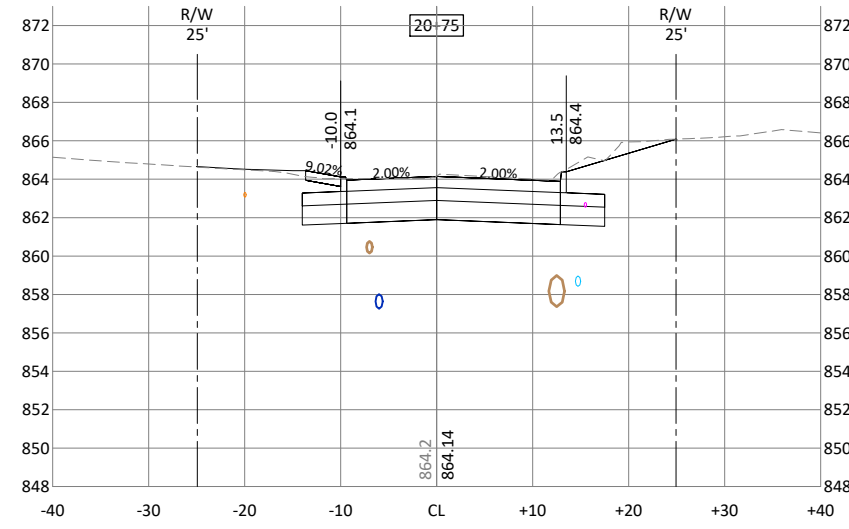
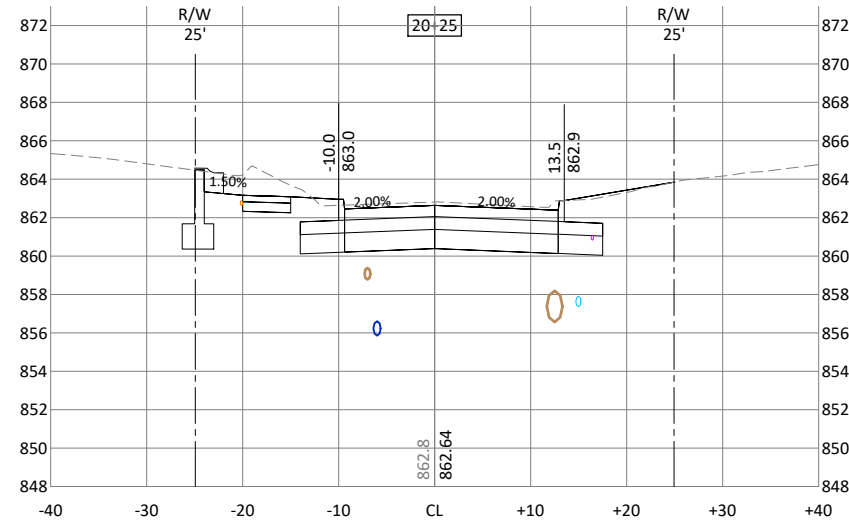
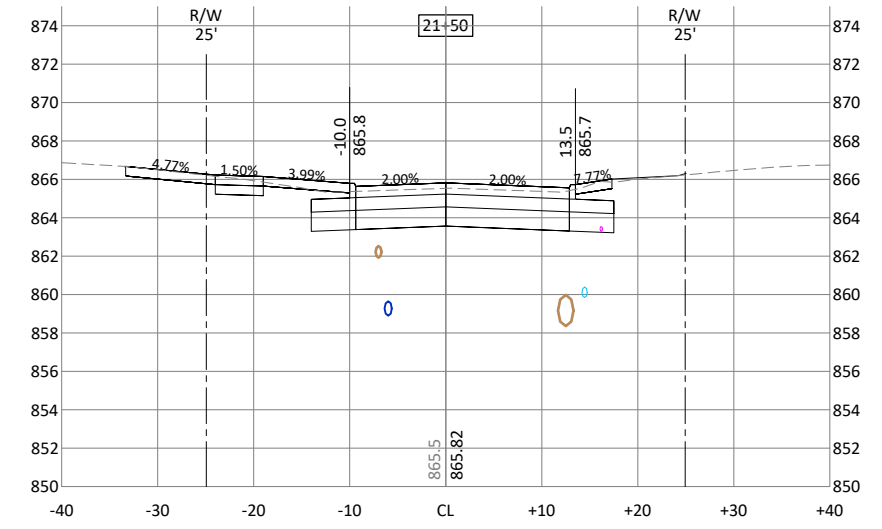
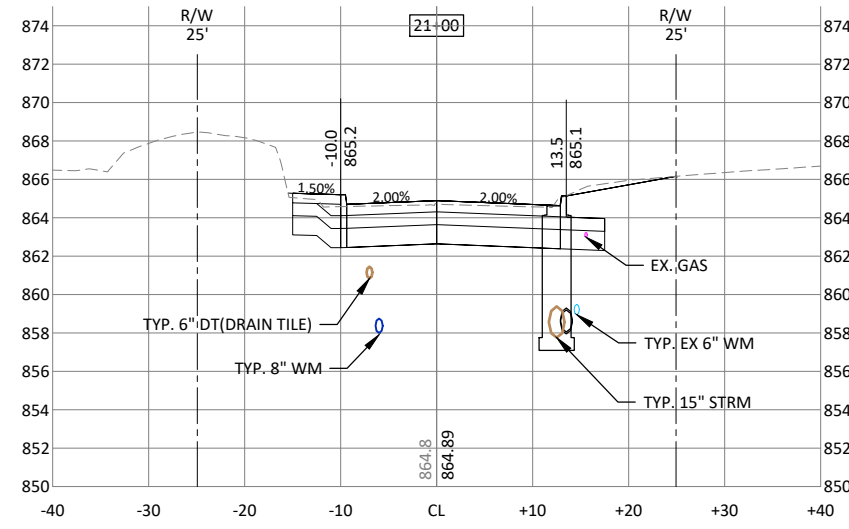
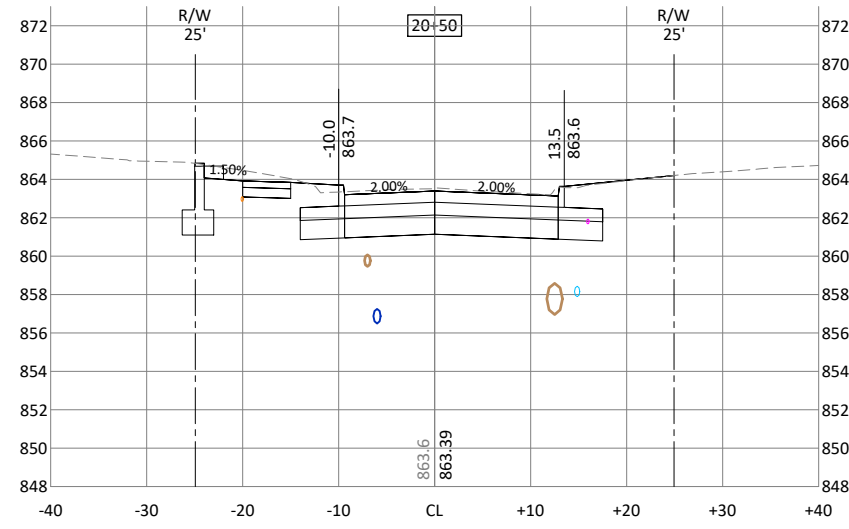
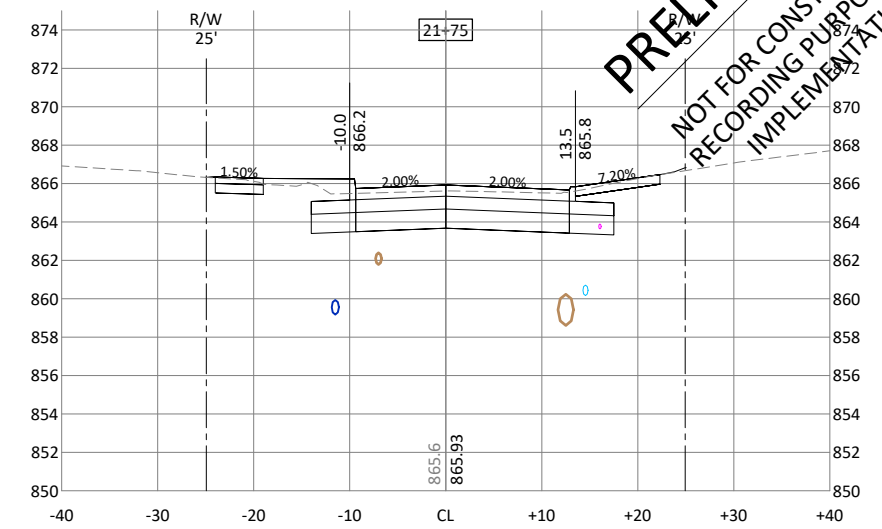
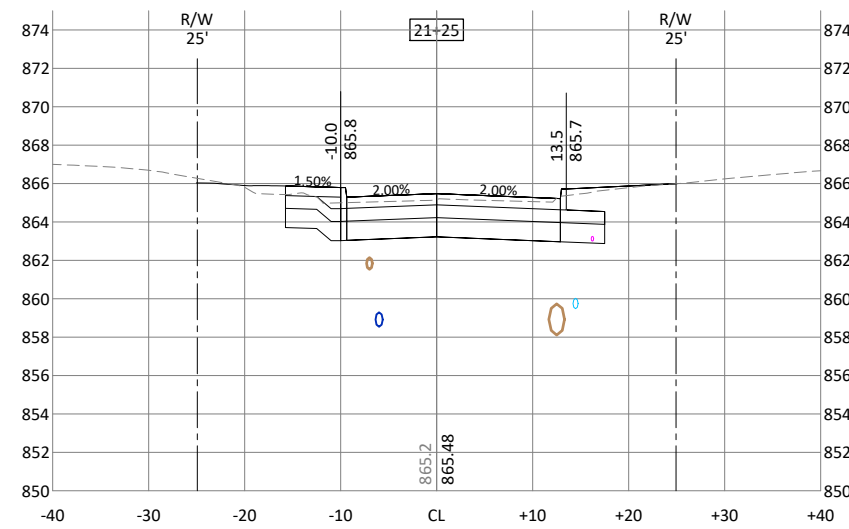
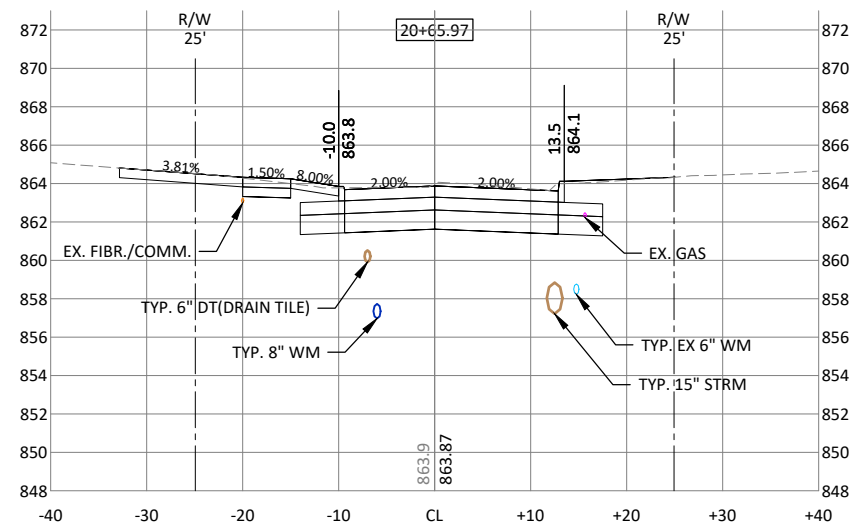
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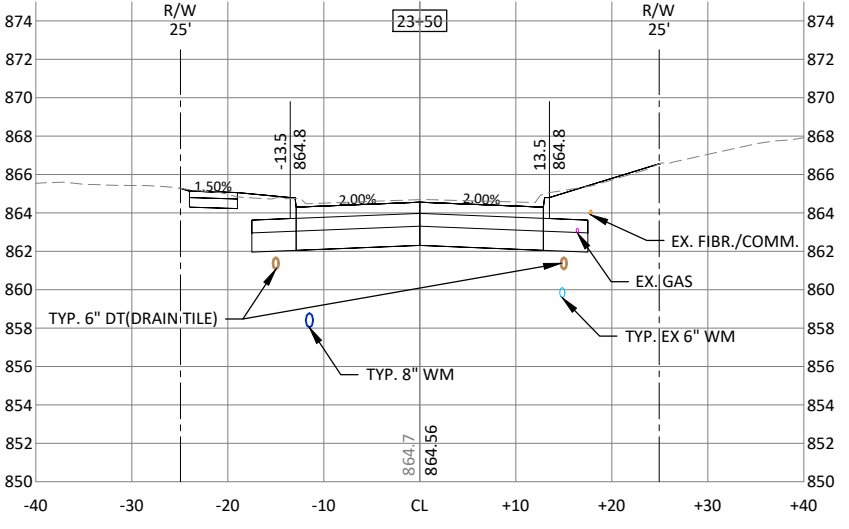
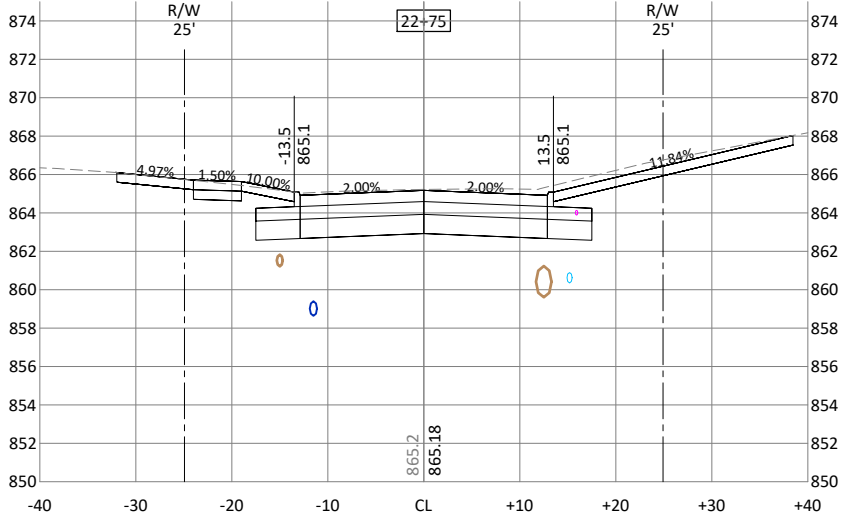
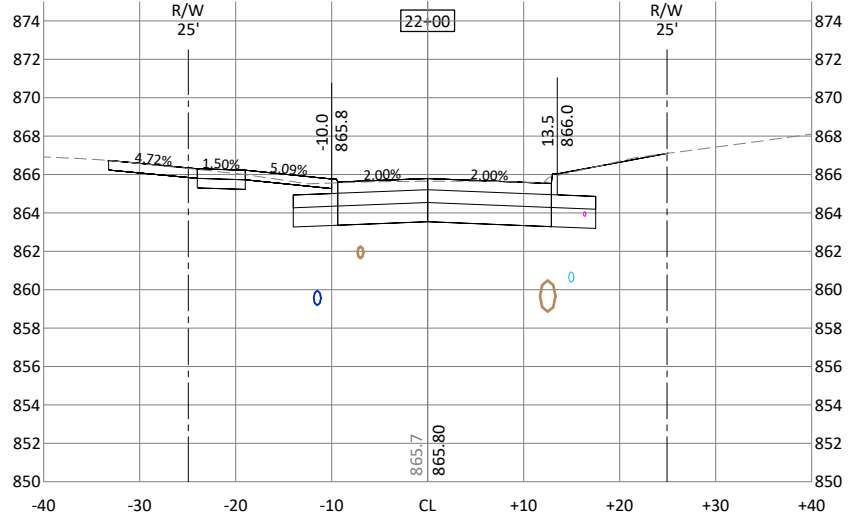
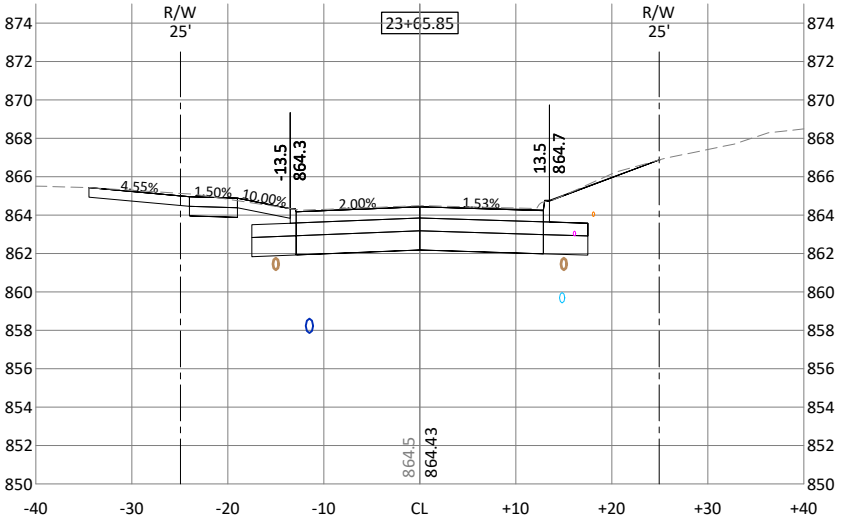
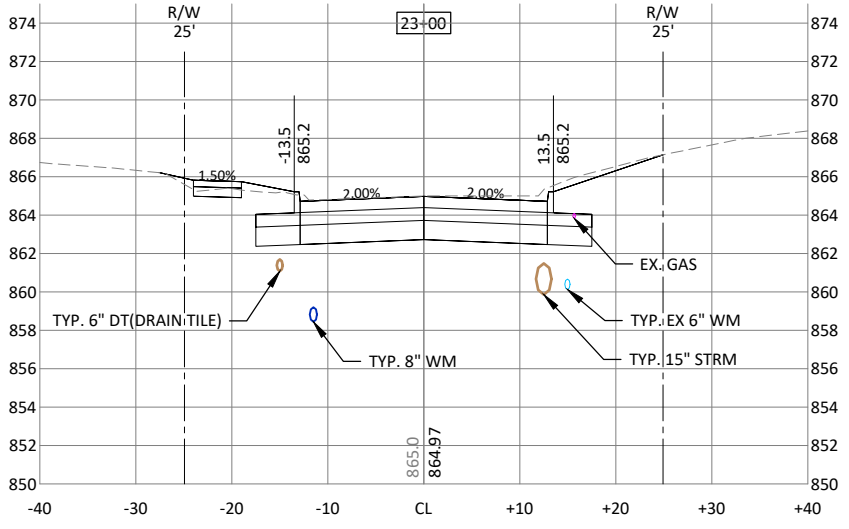
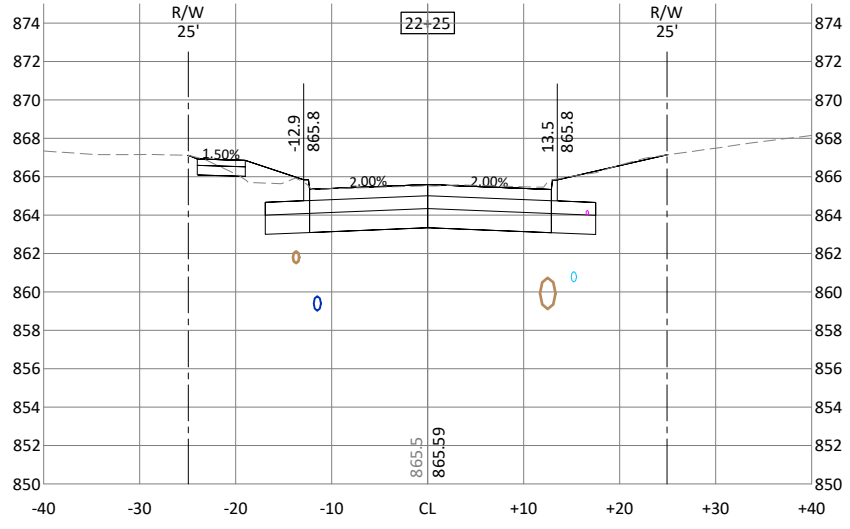
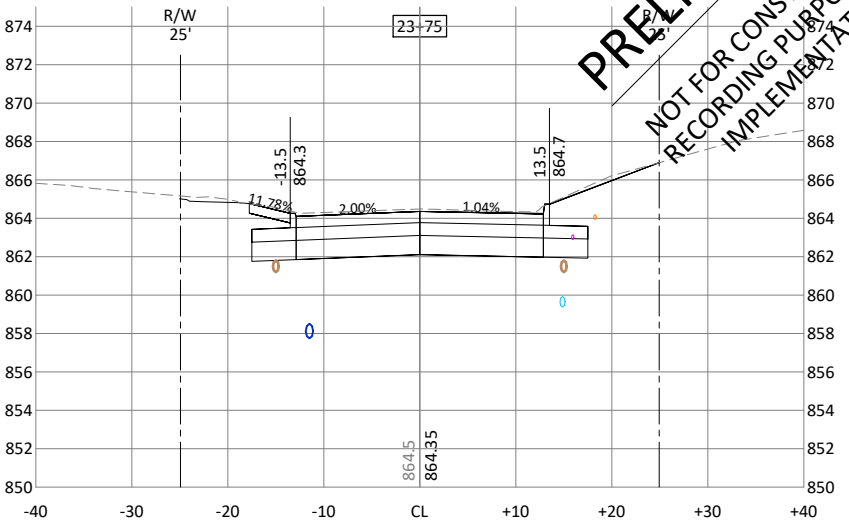
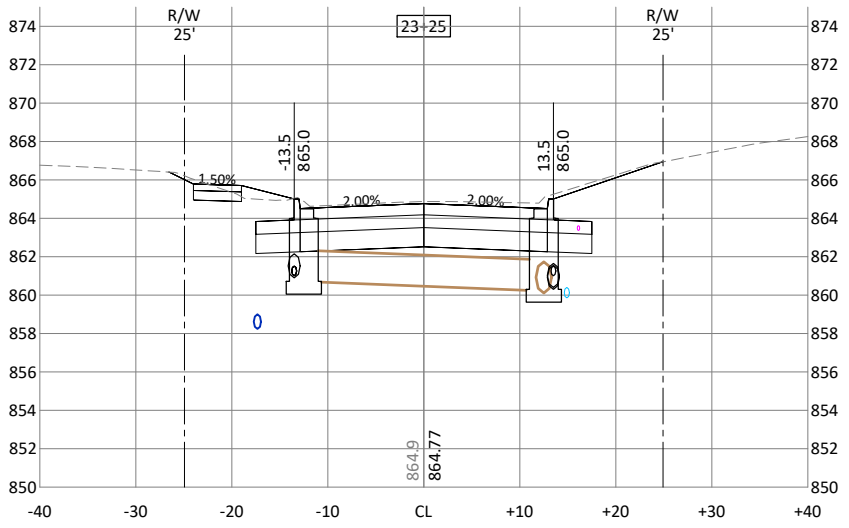
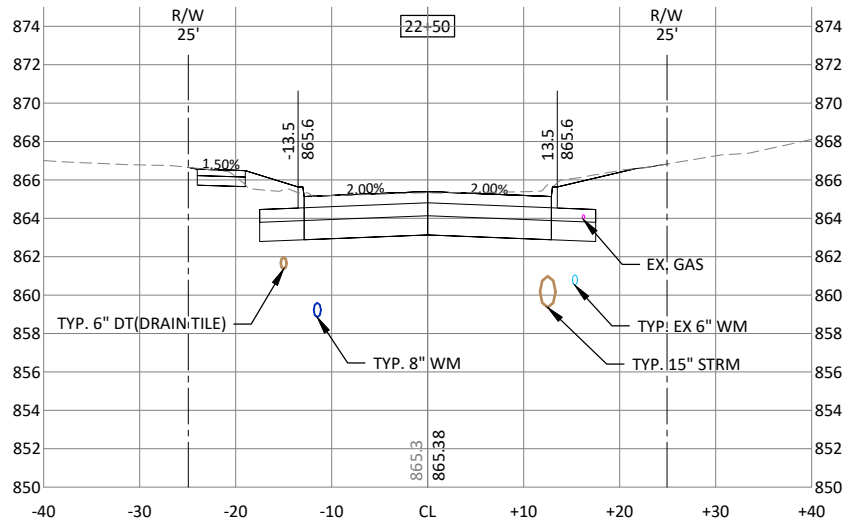
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PL	A	30% REVIEW PLANS	07-18-2025
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WINDSOR HIEGHTS, IOWA	SHEET
74TH STREET IMPROVEMENT	
CROSS SECTIONS - 74TH STREET	W.05



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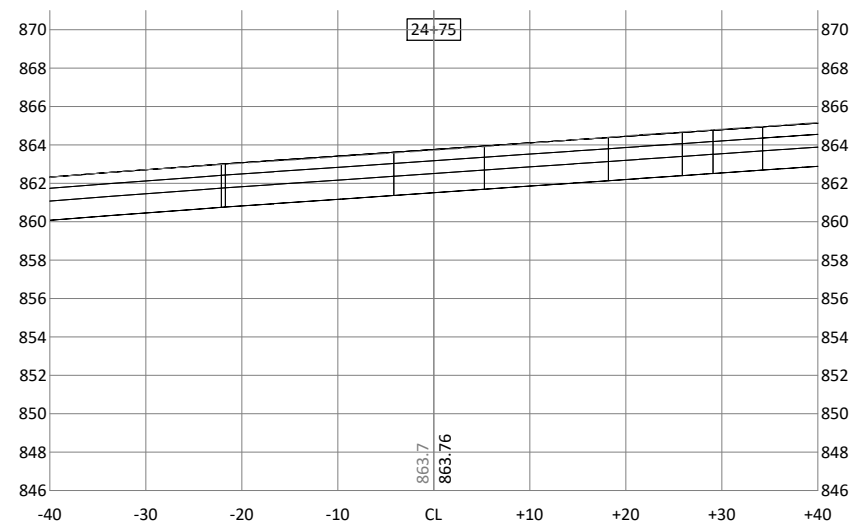
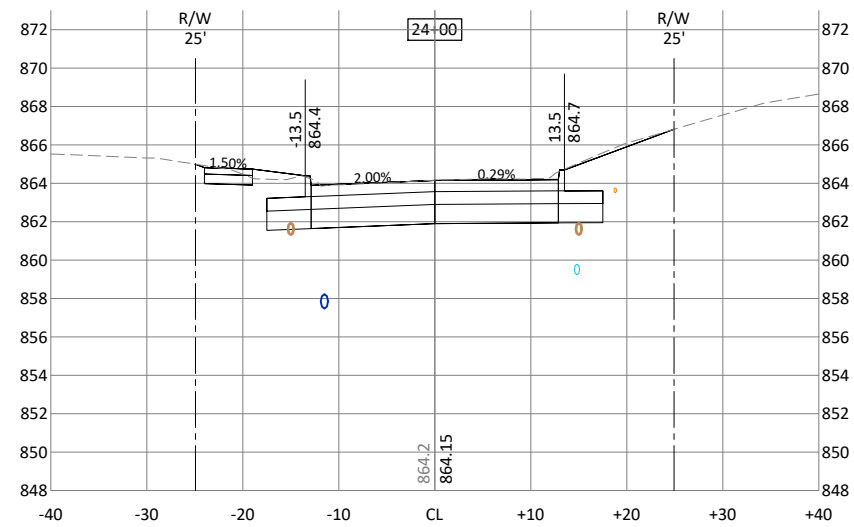
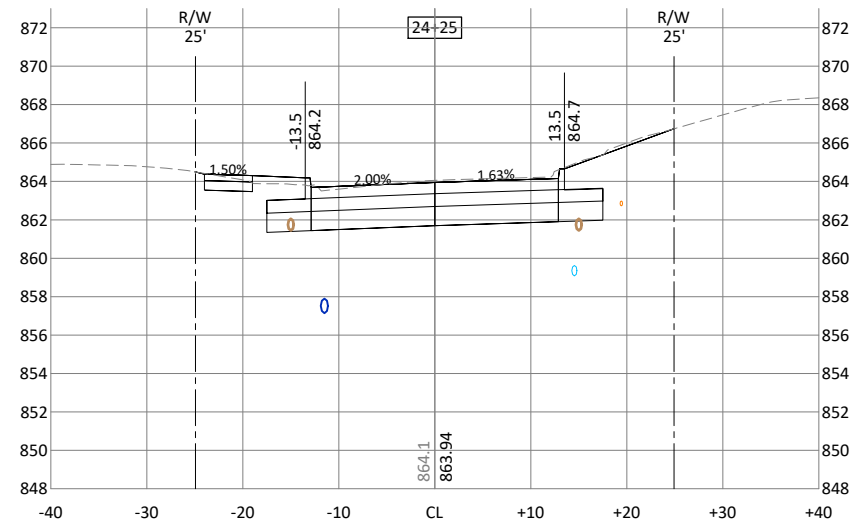
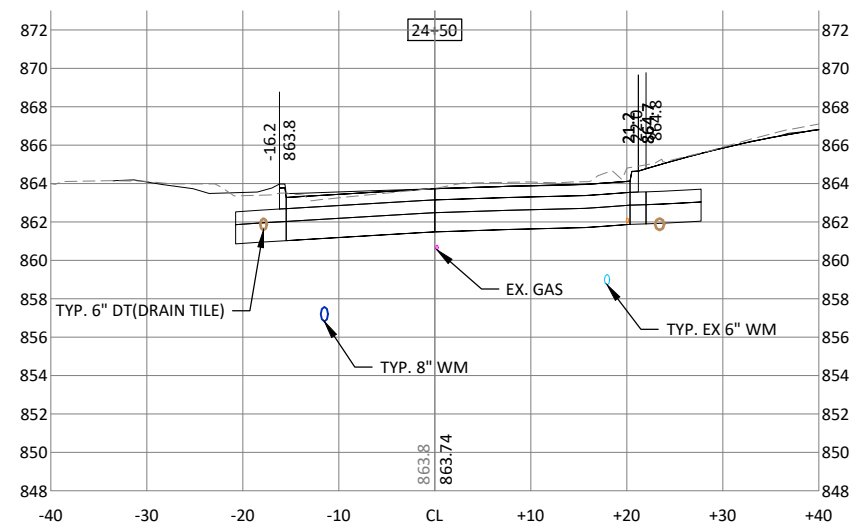


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74TH STREET IMPROVEMENT	W.07
CROSS SECTIONS - 74TH STREET	

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PROJECT MANUAL

74th Street Improvements

City of Windsor Heights

Windsor Heights, IA

December 2025

BMI Project No. 24X135938

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12/11/2025

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SECTION 00005 - CERTIFICATION PAGE

PROJECT MANUAL
FOR
74TH STREET IMPROVEMENTS
CITY OF WINDSOR HEIGHTS
WINDSOR HEIGHTS, IA
DECEMBER 2025
BMI PROJECT NO. 24X135938

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. DRAFT Justin Ern License No. 23753 My renewal date is December 31, 2027 Pages or sheets covered by this seal: _____ Date: _____ 12/11/2025 10:34:02 AM
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SECTION 00010 - TABLE OF CONTENTS

74th Street Improvements
City of Windsor Heights

CONTRACT DOCUMENTS:

PROJECT MANUAL:

Introductory Information, Bidding Requirements, Contract Forms and Conditions of Contract

00005 - CERTIFICATION PAGE
00010 - TABLE OF CONTENTS
00100 - NOTICE TO BIDDERS
00110 - NOTICE OF PUBLIC HEARING
00200 - INSTRUCTIONS TO BIDDERS
00410 - PROPOSAL
00420 - BID BOND
00450 - INFORMATION REQUESTED FROM THE LOW BIDDER
00500 - CONTRACT
00610 - PERFORMANCE, PAYMENT AND MAINTENANCE BOND
00800 - SPECIAL PROVISIONS
00900 - NOTICE OF AWARD
00910 - NOTICE TO PROCEED
00920 - LETTER OF TRANSMITTAL

DRAWINGS (UNDER SEPARATE COVER):

_____ sheets numbered _____ through _____, inclusive, dated _____, 2025, and with each sheet bearing the following general title:

74th Street Improvements
City of Windsor Heights

APPENDICES

SOIL BORINGS

This project is based on
SUDAS STANDARD SPECIFICATIONS, 2025 EDITION
unless modified herein.

*****END OF SECTION*****

SECTION 00100 - NOTICE TO BIDDERS

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

Receipt and Opening of Sealed Proposals. Sealed proposals for the work comprising the repair or improvement as stated below must be filed before 10:00 am on February 10, 2026, in the office of the City Clerk, 1145 66th Street, Suite 1, Windsor Heights, IA 50324. Sealed proposals will be opened and publicly read with bids being tabulated at that time. The results will be reported to the City of Windsor Heights at its meeting at 6:00 pm on February 16, 2026, at which time the City Council may take action on the proposals submitted or at such time as may then be fixed. The City of Windsor Heights City Council reserves the right to reject any or all bids, to waive informalities or technicalities in any bid, and to enter into such contract, or contracts, as it shall deem to be to in the best interest of the City of Windsor Heights.

Time for Commencement and Completion of Work. Work on the improvement shall commence upon approval of the contract by the City Council and as stated in the Notice to Proceed. All work under the contract must be complete within 120 working days. Liquidated damages are as set forth in Section 00500 – Contract.

Bid Security. 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. The Bidder's security shall be in an amount equal to 5 percent of the total amount of the bid. The bid shall contain no condition except as provided in the specifications. If the Bidder fails to execute the contract and to furnish an acceptable Performance, Payment, and Maintenance Bond or provide a Certificate of Insurance within ten (10) days after acceptance of the bid by the City, the bid security may be forfeited or cashed by the City as liquidated damages.

Contract Documents. Copies of the project documents are available for a price of \$25.00 per set. This fee is refundable, provided the plans and specifications are returned complete and in reusable condition, and they are returned within fourteen (14) calendar days after the award of the project. Please make your check payable to Bolton & Menk, Inc. and send it to 430 E Grand Ave, Suite 101, Des Moines, IA 50309. Complete digital project bidding documents are available at www.bolton-menk.com or www.questcdn.com. You may view the digital plan documents for free by entering QuestCDN Project #9980144 on the website's Project Search page. Documents may be downloaded for \$0.00. Please contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in free membership registration, viewing, downloading, and working with this digital project information.

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

Sales Tax Exemption Certificates. The Bidder shall not include sales tax in the bid. The City of Windsor Heights will distribute tax exemption certificates and authorization letters to the contractor and all subcontractors who are identified. The contractor and subcontractor may make copies of the tax exemption certificates and provide a copy to each supplier providing construction materials. These tax exemption certificates and authorization letters are applicable only for this specific project under the contract.

PROJECT DESCRIPTION: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

The Notice is given by order of the City Council of the City of Windsor Heights.

Adam Strait
City Clerk

SECTION 00110 - NOTICE OF PUBLIC HEARING

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

Public Hearing on Proposed Contract Documents and Estimated Costs for Repair or Improvement. A public hearing will be held by the City of Windsor Heights on the proposed contract documents (plans, specifications and form of contract) and estimated cost for the improvement at its meeting at 6:00 pm on February 15, 2026, at 1133 66th Street, Windsor Heights, IA 50324.

PROJECT DESCRIPTION: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

At said hearing, the City Council will consider the plans, specifications, proposed form of contract, and estimated total cost for the project, the same now being on file in the office of the City Clerk, 1145 66th Street, Suite 1, Windsor Heights, IA 50324, reference to which is made for a more detailed and complete description of the proposed improvements, and at said time and place the said City Council will also receive and consider any objections to said plans, specifications, estimate of cost, and form of contract made by any interested party.

SECTION 00200 - INSTRUCTIONS TO BIDDERS

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

The work comprising the above referenced project shall be constructed in accordance with the SUDAS Standard Specifications, 2025 Edition, and as further modified by the supplemental specifications and special provisions included in the contract documents. The terms used in the contract version of the documents are defined in said standard specifications. Before submitting a bid, please review the requirements of Division One, General Provisions and Covenants. Please 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 a submitted bid not to be read.

ARTICLE 1—BID SECURITY

- 1.01 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).
- 1.02 Bid security other than said bid bond shall be in accordance with Chapter 26 of the Iowa Code.
- 1.03 Bid security shall be in the form of a cashier's check or certified check drawn on a state chartered or federally chartered bank; or a certified share draft drawn on a state chartered or federally chartered credit union; or a bidder's bond with corporate surety satisfactory to the City of Windsor Heights, hereinafter called the "Jurisdiction".
- 1.04 All signatures on the bid bond must be original signatures in ink; electronic, copies, or facsimile (fax) of any signature on the bid bond is not acceptable.
- 1.05 The bid bond must be submitted on the enclosed Bid Bond form as no other bid bond forms are acceptable.

ARTICLE 2—SUBMISSION OF THE PROPOSAL AND IDENTITY OF BIDDERS

- 2.01 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. The bid security shall be sealed in a separate envelope identified as the "Bid Security" and attached to the outside of the bid proposal envelope. The Proposal and Bid Security shall be 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. Any proposal received after the scheduled time for the receiving of proposals will be returned to the Bidder unopened and will not be considered.
- 2.02 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.
 - A. PROPOSAL – Complete each of the following parts:
 - Part B – Acknowledgment of Addenda, if any have been issued;
 - Part C – Bid Items, Quantities and Prices;
 - Part F – Additional Requirements; and
 - Part G – Identity of Bidder.
- 2.03 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 will not be accepted.
- 2.04 Documents must be submitted as printed. No alterations, additions, or deletions are permitted. If the Bidder notes a requirement in the contract documents which 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.

2.05 Division 1 - General Provisions and Covenants of the 2025 SUDAS Standard Specifications is modified as follows:

A. Section 1020.1.09B, Unit Price Attachment.

A computer-generated unit price attachment may be submitted by the Bidder as specified by this section.

ARTICLE 3—PROSECUTION AND PROGRESS OF THE WORK

3.01 The work is located in the City of Windsor Heights.

Work on the improvement shall commence upon approval of the contract by the City Council and as stated in the Notice to Proceed. All work under the contract must be completed as stated in Section 00500 - Contract. Liquidated damages will be assessed as detailed in Section 00500 - Contract.

3.02 Community Events.

Successful Bidder will be required to coordinate with the Jurisdiction and accommodate the Jurisdiction's requirements for the following list of events:

All events can be found at <https://www.windsorheights.org/523/Events>

Events near the project include:

City Wide Garage Sale: June 5-6

Spring Clean Up: June 13

Fall Festival: October 3

3.03 Each successful Bidder will be required to furnish a corporate surety bond in an amount equal to 100% of its contract price. Said bond shall be issued by a responsible surety approved by City of Windsor Heights and shall guarantee the faithful performance of the contract, the terms and conditions therein contained, the prompt payment of all material and labor, protect and save harmless the City of Windsor Heights 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 4 years from and after acceptance of the work.

3.04 The City of Windsor Heights, 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 ensure that with 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.

ARTICLE 4—PREFERENCE OF PRODUCTS AND LABOR

4.01 In accordance with Iowa statutes, a resident bidder shall be allowed preference against a nonresident bidder from a state or foreign country provided that state or foreign country gives or requires any preference to bidders from that state or foreign country. This includes, but is 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. If it is determined that this may cause denial of federal funds which would otherwise be available or would otherwise be inconsistent with requirements of any federal law or regulation, this resident bidder preference

shall be suspended, but only to the extent necessary to prevent denial of the funds or to eliminate the inconsistency with federal requirements.

ARTICLE 5—TAXES

- 5.01 The City will issue a sales tax exemption certificate and authorization letters to the contractor and all subcontractors for all materials purchased on the project. Tax exemption certificates are applicable only for the specific project for which the tax exemption certificate is issued.
- 5.02 The contractor shall provide a listing to the City identifying all appropriate subcontractors qualified for use of the tax exemption certificate. The contractor and subcontractors may make copies of the certificate and provide to each supplier providing construction material.
- 5.03 Income Tax:
- A. Successful Bidder is subject to payment of Iowa income tax on income from this work in amounts prescribed by law.
 - B. If successful Bidder is a non-Iowa partnership, individual, or association, Bidder shall furnish evidence prior to execution of contract that bond or securities have been posted with the Iowa Department of Revenue in the amount required by law.

ARTICLE 6—ADDITIONAL ITEMS

- 6.01 Qualification of Bidders
- A. To demonstrate the Bidder's qualifications to perform the work, after submitting its bid and within 5 days of owners request, Bidder must submit the following information:
 - 1. Written evidence establishing the Bidder's qualifications such as financial data, previous experience, and present commitments.
 - 2. A written statement that the Bidder is authorized to do business in the State of Iowa, or a written certification that Bidder will obtain such authority prior to the effective date of the contract.
 - 3. The Bidder's state or other contractor license number, if applicable.
 - 4. Subcontractors and suppliers qualification information.
 - 5. Other required information regarding qualifications.
 - B. A Bidder's failure to submit required qualification information within the times indicated may disqualify the Bidder from receiving award of the contract.
 - C. No requirement in this Article to submit information will prejudice the right of the Jurisdiction to seek additional pertinent information regarding the Bidder's qualifications.
- 6.02 Pre-Bid Conference (If pre-bid is held, should be added to the Notice to Bidders after last item.)
- A. A pre-bid conference will not be conducted for this Project.

******END OF SECTION******

SECTION 00410 - PROPOSAL

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

PROPOSAL: PART A – SCOPE

The City of Windsor Heights, hereinafter called the "Jurisdiction", has need of a qualified contractor to complete the work comprising of the below referenced repair or improvement. The undersigned Bidder hereby proposes to complete the work comprising of the below referenced repair or improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the Mayor, at the prices hereinafter provided in Part C of the Proposal, for the improvements on the 74th Street Improvements.

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 AND QUANTITIES

UNIT 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 and Quantities. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items and Quantities are approximate only, but are considered sufficiently adequate for the purpose of comparing bids.

SEE INCLUDED PROPOSAL ATTACHMENT

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 only, not including any alternates; and
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 the work upon written Notice to Proceed; and
4. Complete the work in accordance with the completion dates defined in Section 00500 – Contract; and
5. Pay liquidated damages for noncompliance with said completion provisions at the rate detailed in Section 00500 – Contract for each calendar day thereafter that the work remains incomplete.

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
5. That the bid 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
6. That all statements in this proposal are true; and
7. 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 which are included in this proposal and identified as proposal attachments:

ITEM NO.	DESCRIPTION OF ATTACHMENT
1.	None

PROPOSAL: PART G - IDENTITY OF BIDDER

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

☐ Individual,
Sole Proprietorship

Bidder

☐ Partnership

Signature

☐ Corporation

Name (Print/Type)

☐ Limited Liability Company

Title

☐ Joint-Venture; all parties must join-in and
execute all documents

Street Address

☐ Other

City, State, Zip Code

Telephone Number

The Bidder shall enter its
Public Registration Number

E-Mail Address

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

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

All bidders must submit the following completed form to the governmental body requesting bids per 875 Iowa Administrative Code Chapter 156.

BIDDER STATUS FORM

To be completed by all bidders.

Part A

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

- ☐ Yes ☐ No My company is authorized to transact business in Iowa.
(To help you determine if your company is authorized, please review the worksheet on the next page).
- ☐ Yes ☐ No My company has an office to transact business in Iowa.
- ☐ Yes ☐ No My company's office in Iowa is suitable for more than receiving mail, telephone calls, and e-mail.
- ☐ Yes ☐ No My company has been conducting business in Iowa for at least 3 years prior to the first request for bids on this project.
- ☐ Yes ☐ No My company is not a subsidiary of another business entity or my company is a subsidiary of another business entity that would qualify as a resident bidder in Iowa.
- If you answered "Yes" for each question above, your company qualifies as a resident bidder. Please complete Parts B and D of this form.
- If you answered "No" to one or more questions above, your company is a non-resident bidder. Please complete Parts C and D of this form.

To be completed by resident bidders.

Part B

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

Dates: _____ to _____ Address: _____
(mm/dd/yyyy) City, State, Zip: _____

Dates: _____ to _____ Address: _____
(mm/dd/yyyy) City, State, Zip: _____

Dates: _____ to _____ Address: _____
(mm/dd/yyyy) City, State, Zip: _____

You may attach additional sheet(s) if needed.

To be completed by non-resident bidders.

Part C

- Name of home state or foreign country reported to the Iowa Secretary of State: _____
- Does your company's home state or foreign country offer preferences to bidders who are residents? ☐ Yes ☐ No
- If you answered "Yes" to question 2, identify each preference offered by your company's home state or foreign country and the appropriate legal citation.

You may attach additional sheet(s) if needed.

To be completed by all bidders.

Part D

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

Firm Name: _____

Signature: _____

Date: _____

City of Windsor Heights - 24X135938
December 2025

DRAFT

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PROPOSAL
PAGE 00410-5

WORKSHEET: AUTHORIZATION TO TRANSACT BUSINESS

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

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

PROPOSAL ATTACHMENT: PART C – BID ITEMS AND QUANTITIES

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

This is a UNIT PRICE CONTRACT. 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 and Quantities. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items and Quantities are approximate only, but are considered sufficiently adequate for the purpose of comparing bids.

[Insert Schedule of Unit Prices or use Table Below.]

ESTIMATED PROJECT QUANTITIES						
Item No.	Item Code	Item	Unit	Quantity	Unit Price	Total
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$

(Continued)

Item No.	Item Code	Item	Unit	Quantity	Unit Price	Total
					\$	\$
					\$	\$

					\$	\$
					\$	\$
BID TOTAL:						\$

NOTE: IT IS UNDERSTOOD THAT THE ABOVE QUANTITIES ARE ESTIMATED FOR THE PURPOSE OF THIS BID. ALL QUANTITIES ARE SUBJECT TO REVISION BY THE JURISDICTION AS NOTED IN SECTION 00500 - "CONTRACT" OF THIS PROJECT MANUAL. SUDAS SECTION 1040.1.06.B DOES NOT APPLY TO THIS PROJECT, NO PRICE ADJUSTMENTS MADE.

Bidder Name

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12/11/2025

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SECTION 00420 - BID BOND

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

KNOW ALL BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held and firmly bound unto, City of Windsor Heights as Obligee, (hereinafter referred to as "the Jurisdiction"), in the penal sum of _____ dollars (\$ _____), 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 project:

Project Title: 74th Street Improvements

Project Description: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

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 Polk 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.

Signed and sealed this _____ day of _____, 20_____.

SURETY:

PRINCIPAL:

Surety Company

Bidder

By:

Signature Attorney-in-Fact/Officer

By:

Signature

Name of Attorney-in-Fact/Officer

Name (Print/Type)

Company Name

Title

Company Address

Address

City, State, Zip Code

City, State, Zip Code

Company Telephone Number

Telephone Number

Company E-Mail

E-Mail

NOTE: All signatures on this bid bond must be original signatures in ink; electronic, copies or facsimile of any signature will not be accepted. This bond must be sealed with the Surety's raised, embossing seal or official adhesive 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 or official adhesive seal.

SECTION 00450 - INFORMATION REQUESTED FROM THE LOW BIDDER

(The low bidder may be requested to provide this information after the bids are received, but prior to issuing the "Notice of Award".)

GENERAL INFORMATION

The low bidder is requested to furnish the following information. Additional sheets shall be attached as required.

Contractor's Name and Address: _____

Number of years as a contractor in construction work of this type: _____

Names and titles of all officers of Contractor's firm: _____

SUBMIT a list of five construction contracts completed by the contractor during the last five years involving work of similar type and comparable value. The list shall include the following information as a minimum:

- Name, address and telephone number of owner;
- Name of project;
- Location of project;
- Brief description of the work involved;
- Contract amount;
- Date of completion of contract;
- Name, address and telephone number of architect or engineer; and
- Name of owner's project engineer.

WORK PERFORMED

SUBMIT a list of subcontractors. The list shall include the following information as a minimum:

- Name, address, and telephone number of contractor/subcontractor
- Expected bid items contractor/subcontractor will perform with dollar amounts.
- Total contract amount per contractor/subcontractor.
- Percent of total contract amount the contractor/subcontractor will complete (to the nearest hundredth of percent)

****END OF SECTION****

SECTION 00500 - CONTRACT

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

THIS CONTRACT, made and entered into this _____ day of _____, 20____, by and between the City of Windsor Heights hereinafter called the "Jurisdiction", and _____ hereinafter called the "Contractor".

WITNESSETH:

The Contractor hereby agrees to complete the work comprising the 74th Street Improvements as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk, City of Windsor Heights, 1145 66th Street, Suite 1, Windsor Heights, IA. This Contract includes all such contract documents. All work under this Contract shall be constructed in accordance with the SUDAS Standard Specifications, 2025 Edition and as further modified by the Special Provisions, Technical Specifications and Supplemental Specifications included in said contract documents and the Contract Attachment which is attached hereto. 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 shown on the Contract Attachment: Bid Items and Quantities 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 project:

Project Title: 74th Street Improvements

Project Description: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

The Contractor agrees to perform said work for and in consideration of the Jurisdiction's payment of the bid amount of _____ dollars (\$ _____), which amount shall constitute the required amount of the Performance, Payment and Maintenance Bond. The Contractor hereby agrees to commence work as stated in the written Notice to Proceed; and substantially complete the work in accordance with the following contract provisions:

CONTRACT PROVISIONS

A. Completion Date: Working Day

1. The Work under the contract must be substantially complete within the sum of allotted working days per schedules awarded, but shall not exceed 120 working days after the date when the Contract Times commence to run as provided in the General Conditions, and completed and ready for final payment in accordance with the General Provisions and Covenants within 60 working days after the date of substantial completion.

B. Liquidated Damages

1. Pay liquidated damages for noncompliance with said completion provisions in the amount of Seven Hundred and Fifty Dollars (\$750.00) for each calendar day the work remains incomplete.

2. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Jurisdiction Seven Hundred and Fifty Dollars (\$750.00) for each calendar day that expires after such time until the Work is completed and ready for final payment.
3. Liquidated damages for failing to timely attain Substantial Completion and Final Completion are not additive and will not be imposed concurrently.
4. Intermediate Completion Provision No. 1 (Completion Incentive No. 1, Lump Sum, No Excuse):

The City of Windsor Heights shall pay a lump sum completion incentive of fifty thousand and no/100 dollars (\$50,000) if the following conditions are met by **June 12, 2026** (incentive completion date):

- Completion of all work included in Stage 1 (excluding sodding) as detailed on the J sheets of the project plans.
- Exceptions to the **June 12, 2026** incentive completion date will not be considered for any reason, including but not limited to project delays resulting from change orders, extra work, utility conflicts, weather, etc.

5. Intermediate Completion Provision No. 2 (Completion Incentive No. 2, Lump Sum, No Excuse):

The City of Windsor Heights shall pay a lump sum completion incentive of fifty thousand and no/100 dollars (\$50,000) if the following conditions are met by **September 4, 2026** (incentive completion date):

- Completion of all work included in Stage 2 (excluding sodding) as detailed on the J sheets of the project plans.
- Exceptions to the **September 4, 2026** incentive completion date will not be considered for any reason, including but not limited to project delays resulting from change orders, extra work, utility conflicts, weather, etc.

C. Maintenance Bond & Warranty

1. To remedy any and all defects that may develop in or result from work to be performed under the Contract within the City of Windsor Heights, 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.
2. Shall also guarantee the maintenance of the improvement caused by failures in materials and construction for a period of 4 years from and after acceptance of the work.

D. Bid Quantity Revisions

1. All quantities are estimates and subject to revision by the Jurisdiction.
2. Quantity changes that do not materially change the character of the work to be performed and amount to less than Twenty (20) percent of a given bid item or less than Five (5) percent of the total contract amount shall not affect the unit price bid.

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

JURISDICTION: City of Windsor Heights

CONTRACTOR:

By: _____
Mike Jones, Mayor

Company Name

(Seal)
ATTEST:

Signature

By: _____
Adam Strait, City Clerk

Name (Print/Type)

Title

Street Address

City, State, Zip Code

Telephone

E-Mail

CONTRACTOR PUBLIC REGISTRATION INFORMATION to be Provided By:

1. All Contractors: The Contractor shall enter its Public Registration No. _____ issued by the Iowa Commissioner of Labor pursuant to Section 91C.5 of the Iowa Code.
2. Out-of-State Contractors:
 - A. Pursuant to Section 91C.7 of the Iowa Code, an out-of-state contractor, before commencing a contract in excess of five thousand dollars in value in Iowa, shall file a bond with the division of labor services of the department of workforce development. The Contractor should contact 515-242-5871 for further information. Prior to contract execution, the Jurisdictional Engineer may forward a copy of this contract to the Iowa Department of Workforce Development as notification of pending construction work. It is the Contractor's responsibility to comply with said Section 91C.7 before commencing this work.
 - B. Prior to entering into contract, the designated low bidder, if it is a corporation organized under the laws of a state other than Iowa, shall file with the Jurisdictional Engineer a certificate from the Secretary of the State of Iowa showing that it has complied with all the provisions of Chapter 490 of the Code of Iowa, as amended, governing foreign corporations. For further information contact the Iowa Secretary of State Office at 515-281-5204.

Bond No. _____
Name of Surety _____

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

CORPORATE ACKNOWLEDGMENT

State of _____)
) SS
_____ County)

On this _____ day of _____, 20_____, 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 the 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_____

PARTNERSHIP ACKNOWLEDGMENT

State of _____)
) SS
_____ County)

On this _____ day of _____, 20_____, before me, the undersigned, a Notary Public in and for the State of _____, personally appeared _____ to me personally known, who being by me duly sworn, did say that the person is one of the partners of _____, a partnership, and that the instrument was signed on behalf of the partnership by authority of the partners and the partner acknowledged the execution of the instrument to be the voluntary act and deed of the partnership by it and by the partner voluntarily executed.

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

INDIVIDUAL ACKNOWLEDGMENT

State of _____)
_____) SS
_____ County)

On this _____ day of _____, 20_____, before me, the undersigned, a Notary Public in and for the State of _____, personally appeared _____ and _____, to me known to be the identical person(s) named in and who executed the foregoing instrument, and acknowledged that (he) (she) (they) executed the instrument as (his) (her) (their) voluntary act and deed.

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

LIMITED LIABILITY COMPANY ACKNOWLEDGMENT

State of _____)
_____) SS
_____ County)

On this _____ day of _____, 20_____, before me a Notary Public in and for said State, personally appeared _____, to me personally known, who being by me duly sworn did say that person is _____ of said _____, that (the seal affixed to said instrument is the seal of said _____ OR no seal has been procured by the said) _____, and that said instrument was signed and sealed on behalf of the said _____, by authority of its managers and the said _____ acknowledged the execution of said instrument to be the voluntary act and deed of said _____, by it voluntarily executed.

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

CONTRACT ATTACHMENT: ITEM 1: GENERAL – NONE

CONTRACT ATTACHMENT: ITEM 2: BID ITEMS AND QUANTITIES

City of Windsor Heights - 24X135938
December 2025

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CONTRACT
PAGE 00500-5

THIS CONTRACT IS AWARDED AND EXECUTED FOR COMPLETION OF THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS FOR THE BID PRICES TABULATED BELOW AS 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. THE JURISDICTION RESERVES THE RIGHT TO ADJUST QUANTITIES AS NECESSARY TO MAXIMIZE FUNDS BUDGETED FOR THIS PROJECT AS NOTED IN SECTION 00500 – CONTRACT.

[Insert Schedule of Unit Prices Standard Table Format]

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SECTION 00610 - PERFORMANCE, PAYMENT AND MAINTENANCE BOND

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

KNOW ALL BY THESE PRESENTS:

That we, _____, as Principal (hereinafter the "Contractor" or "Principal") and _____, as Surety are held and firmly bound unto _____, as Oblige (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 _____, hereinafter the "Contract" wherein said Contractor undertakes and agrees to construct the 74th Street Improvements, Windsor Heights, IA.

Project Description: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

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 for the stated maintenance period.

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:

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.

PAYMENT: The Contractor and the Surety on this Bond are 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 which 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, Code of Iowa, which by this reference is made a part hereof as though fully set out herein.

MAINTENANCE: The Contractor and the Surety on this Bond hereby agree, at their own expense:

To remedy any and all defects that may develop in or result from work to be performed under the Contract as detailed in Section 00500 - Contract, 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;

To keep all work in continuous good repair; and

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.

Maintenance Bond requirements shall not apply to the following: work that is not permanently incorporated into the project; pavement markings, seeding, sodding, and plant material and planting.

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.

GENERAL: Every Surety on this Bond shall be deemed and held bound, any contract to the contrary notwithstanding the following provisions:

To consent without notice to any extension of time to the Contractor in which to perform the Contract;

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 twenty percent of the total contract price, and that this Bond shall then be released as to such excess increase; and

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.

The Contractor and every Surety on the Bond shall be deemed and held bound, any contract to the contrary notwithstanding, to the following provisions:

That no provision of this Bond or of any other contract shall be valid which limits to less than five years after the acceptance of the work under the Contract the right to sue on this Bond.

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, attorney's 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 with respect to 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 with respect to this Bond, the parties agree that the venue thereof shall be Polk 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 therefor 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).

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.

Project No. _____

(CON'T – PERFORMANCE, PAYMENT AND MAINTENANCE BOND)

Witness our hands, in triplicate, this _____ day of _____, 20____.

SURETY:

PRINCIPAL:

Surety Company

By: _____
Signature of Attorney-in-Fact/Officer

Name of Attorney-in-Fact/Officer

Company Name

Company Address

City, State, Zip Code

Company Telephone Number

Company E-Mail

Bidder

By: _____
Signature

Name (Print/Type)

Title

Address

City, State, Zip Code

Telephone Number

E-Mail

NOTE:

1. All signatures on this Performance, Maintenance & Payment Bond must be original signatures in ink; electronic, copies, or facsimile of any signature will not be accepted.
2. This Bond must be sealed with the Surety's raised, embossing seal or official adhesive 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 or official adhesive 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.

City of Windsor Heights - 24X135938
December 2025

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PERFORMANCE, PAYMENT AND MAINTENANCE BOND
PAGE 00610-4

SECTION 00800 - SPECIAL PROVISIONS

FOR

74th Street Improvements
City of Windsor Heights
Windsor Heights, IA

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- 1) CONTRACT PROVISIONS

- a) Completion Date
 - i) All work under the Contract must be completed as detailed in Section 00500 – Contract.
- b) Liquidated Damage
 - i) Damages in the amount as detailed in Section 00500 – Contract will be assessed for each calendar or working day the work remains incomplete.
- c) Maintenance Bond & Warranty
 - i) To remedy any and all defects as detailed in Section 00500 – Contract.
- d) Bid Quantity Revisions
 - i) All quantities are estimates and subject to revision by the Jurisdiction.
 - ii) Quantity changes shall not affect the unit price bid regardless the amount.

2) DEFINITION AND INTENT

- a) The Specifications that apply to the materials and construction practices for this project are defined as follows:
 - i) The 2025 Edition of the SUDAS Standard Specifications, except as modified by these Special Provisions to the Technical Specifications.
 - ii) Omissions of words or phrases such as “the Contractor shall”, “in accordance with”, “shall be”, “as noted on the Plans”, “according to the Plans”, “a”, “an”, “the” and “all” are unintentional; supply omitted words or phrases by inference.
 - iii) “Final Acceptance” and “Final Completion” shall mean final approval of the project as defined in SUDAS 1090, 1.08, C.
 - iv) “Owner”, “Jurisdiction” and “City” shall mean the City of Windsor Heights, acting through the City Council.
 - v) “Person” shall mean any individual, partnership, limited partnership, joint venture, society, association, joint stock company, corporation, limited liability company, estate, receiver, trustee, assignee, or referee, whether appointed by a court or otherwise, and any combination of individuals.
 - vi) “Engineer” shall mean the Engineer of Record.
 - vii) The intent of the Technical Specifications is to describe the construction desired, performance requirements, and standards of materials and construction.
 - viii) “Standard Drawings” shall mean the Figures bound within the SUDAS Standard Specifications and/or the Typical Drawings bound within the Plans.
 - ix) “Substantial Completion” shall be as defined by the Iowa Administrative Code Chapter 573.28.
 - x) “Work” shall mean the work to be done and the equipment, supplies, and materials to be furnished under the Contract unless some other meaning is indicated by the context.
 - xi) “Or equal” shall follow manufacturers names used to establish standards and, if not stated, is implied.
- b) Engineer: Bolton & Menk, Inc., 430 E Grand Ave, Suite 101, Des Moines, IA 50309.

3) GENERAL PROVISIONS AND COVENANTS

- a) Division 1 of the General Provisions and Covenants of the 2025 Edition SUDAS Standard Specifications is modified as follows:
 - i) Section 1020.1.09B, Unit Price Attachment.
 - (a) A computer-generated unit price attachment may be submitted by the Bidder as specified by this Section.
 - ii) Section 1050, 1.05 - Shop Drawings, Certificates, and Equipment Lists

- (a) Electronic submittal of shop drawings will be allowed.
 - (b) If hardcopy submittals are used, the Contractor shall submit a minimum of three (3) copies plus any additional required by the Contractor.
- iii) Section 1050, 1.15 – Additional Contractor Responsibilities
 - (a) No Changes.
- 4) WORK REQUIRED
 - a) Work under this Contract includes all materials, equipment, transportation, traffic control, and associated work for the construction of the 74th Street Improvements as described in the Official Publication.
- 5) PLANS AND SPECIFICATIONS
 - a) The Jurisdiction will furnish five (5) sets of plans and specifications to the Contractor after award of the Contract. The Contractor shall compensate the Jurisdiction for printing costs for additional copies required.
 - b) Contractor shall provide one set of plans and specifications for each foreman and superintendent in charge of each crew on the job.
- 6) SUBMITTALS
 - a) Contractor shall provide a construction schedule showing dates of starting and completing various portions of work. Schedule shall be updated as needed or as requested by Engineer due to changes in progress of construction from original schedule. Updates shall be completed within one week of request.
 - b) Contractor shall provide request to sublet
 - c) Contractor shall submit the following information for Engineer's review. Three (3) copies plus any additional copies required by Contractor shall be submitted to the Engineer at the preconstruction conference or at least 14 days prior to utilization of the particular item on this project.
 - i) Testing reports.
 - ii) Manufacturer's data for materials that are to be permanently incorporated into the project.
 - iii) Details of proposed methods of any special construction required.
 - iv) Purchase orders and subcontracts without prices.
 - v) Traffic control and staging plan.
 - vi) Such other information as the Engineer may request to ensure compliance with contract documents.
 - vii) List of Subcontractors and Suppliers.
- 7) STANDARDS AND CODES
 - a) Construct improvements with best present day construction practices and equipment.
 - b) Conform with and test in accordance with applicable sections of the following standards and codes.
 - i) American Association of State Highway and Transportation Officials (AASHTO).
 - ii) American Society for Testing and Materials (ASTM).
 - iii) Iowa Department of Transportation Standard Specifications (Iowa DOT).
 - iv) American National Standards Institute (ANSI).
 - v) American Water Works Association (AWWA).
 - vi) American Welding Society (AWS).
 - vii) Federal Specifications (FS).
 - viii) Iowa Occupational Safety and Health Act of 1972 (IOSHA).

- ix) Manual of Accident Prevention in Construction by Associated General Contractors of America, Inc. (AGC).
- x) Standards and Codes of the State of Iowa and the ordinances of the Jurisdiction.
- xi) Other standards and codes which may be applicable to acceptable standards of the industry for equipment, materials and installation under the Contract.

8) EMPLOYMENT PRACTICES

- a) Neither the Contractor nor the Contractor's subcontractors shall employ any person whose physical or mental condition is such that their employment will endanger the health and safety of anyone employed on the Project.
- b) The Contractor shall not commit any of the following employment practices and agrees to include the following clauses in any subcontracts:
 - i) To discharge from employment or refuse to hire any individual because of sex, race, color, religion, national origin, sexual orientation, marital status, age, or disability unless such disability is related to job performance of such person or employee.
 - ii) To discriminate against any individual in terms, conditions, or privileges or employment because of sex, race, color, religion, national origin, sexual orientation, marital status, age, or disability unless such disability is related to job performance of such person or employee.

9) RESPONSIBILITY OF CONTRACTOR

- a) Contractor shall provide supervision of the work.
- b) Contractor shall provide protection of all property from injury or loss resulting from construction operations.
- c) Contractor shall replace or repair objects sustaining any such damage, injury, or loss, to the satisfaction of the Jurisdiction and Engineer.
- d) Contractor shall cooperate with Jurisdiction, Engineer, and representatives of utilities in locating underground utility lines and structures. Incorrect, inaccurate, or inadequate information concerning location of utilities or structures shall not relieve the Contractor of responsibility for damage thereto caused by construction operations.
- e) Contractor shall keep cleanup current with construction operations.
- f) Contractor shall comply with all Federal, State of Iowa, and local laws and ordinances.

10) WORK HOURS/COMMUNITY EVENTS

- a) The Contractor will be required to limit work hours on the Project from 7:00 a.m. to 9:00 p.m., Monday through Saturday, Sunday 9 a.m. to 5 p.m., unless otherwise directed by the Engineer.
- b) The following Community Events are scheduled. Contractor is required to coordinate with the Jurisdiction as needed to allow use of public property as necessary for the event(s). If Contract continues for multiple years, event is still in force even though dates and locations may change.
 - i) All events listed here: <https://www.windsorheights.org/523/Events>

11) CONSTRUCTION FACILITIES

- a) Contractor shall provide telephone numbers where Contractor's representative can be reached during workdays and on nights and weekends in event of emergency.
- b) Contractor shall provide and maintain suitable sanitary facilities for construction personnel for duration of work; remove upon completion of work.
- c) Contractor shall not store construction equipment, employee vehicles, or materials on streets open to traffic.
- d) Contractor shall provide suitable storage facilities necessary for proper storage of materials and equipment. Location for storage of equipment by Contractor is subject to approval of the Engineer.
- e) Contractor will be required to make arrangements for all services required during the construction period and pay for such services at no additional cost to the Jurisdiction.

12) PROJECT SUPERVISION

- a) The Contractor shall be represented in person at the construction site at all times that construction operations are proceeding. Representation constitutes a qualified superintendent or other designated, qualified representative capable of providing adequate supervision. The representative must be duly authorized to receive and execute instructions, notices, and written orders from the Engineer.
- b) Resolution of issues that arise during construction relating to traffic control, construction staging, etc. is the responsibility of the Contractor.
- c) Weekly progress meetings, if specified at the preconstruction conference, may be held at the project site to review project schedules, coordinate activities, resolve conflicts, and coordinate the construction work. The day and time for this meeting will be set at the preconstruction conference. The Contractor shall provide qualified representation at each meeting.
- d) Refer to Division 1 – General Provisions and Covenants, Section 1080 – Contractual Provisions, Part 1 – Prosecution and Progress of the Work, Section 1.10 Contractors Employees, Methods and Equipment for additional requirements.
- e) Contractor shall provide supervision of all sub-contractors and their personnel while on the site.

13) COORDINATION WITH OTHERS

- a) Contractor shall cooperate and coordinate construction with the Jurisdiction, utility companies, affected property owners, and other contractors working in the vicinity of this project.
- b) It is the Contractor's responsibility to schedule and coordinate work to minimize construction delays and conflicts.
- c) Contractor shall cooperate and coordinate with property owners prior to beginning work that will affect their parcel.

14) CONSTRUCTION GENERAL

- a) Procedures outlined herein are not intended to fully cover all special construction procedures but are offered as an aid to the Contractor in planning work.
- b) Contractor shall cooperate with the City of Windsor Heights, IA and the Engineer to minimize inconvenience to property owners, other jurisdictions and motorists and to prevent delays in construction and interruption to continuous operation of utility services and site access.
- c) The Contractor is expected to provide adequate personnel and equipment to perform work within the specified time of construction.
- d) Contractor shall install and maintain orange safety fence around all open trenches or open structures when left unattended.
- e) Contractor shall complete surface restoration and cleanup activities as construction progresses.

15) CONSTRUCTION LIMITS

- a) Contractor shall confine the construction operations within the construction limits shown on the plans.
- b) Contractor shall not store equipment, vehicles, or materials within the right-of-way of any streets open to traffic or on temporary access roads at any time.
- c) Areas disturbed outside of construction limits shall be restored at the contractor's expense to the satisfaction of the Jurisdiction.
- d) Contractor shall protect trees, fences and landscaping within the construction limits not marked for removal.
- e) All work on this project will be within City Right-of-Way, Easements or Public Property.

16) CONSTRUCTION SCHEDULE

- a) The Contractor will prepare and submit to the Engineer a project schedule that will assure the completion of the project within the time specified within the Contract.
- b) Adequate equipment and forces shall be made available by the Contractor to start work immediately upon receipt of the Notice to Proceed.
- c) Contractor shall submit a construction schedule at the preconstruction conference.
- d) Contractor shall periodically update the construction schedule as needed due to changes in progress of construction from the original schedule or as requested by the Engineer. Updates shall be completed within one week of request.
- e) The Contractor shall be required to meet the final completion date as specified in Section 00500 – Contract.
- f) Contractor shall notify the Jurisdiction and property owners at least 48 hours prior to any street closures.
 - i) Notification shall be provided by written notice placed on the front door. The following items shall be included within the notice:
 - (a) The street name, location and proposed date of street closure.
 - (b) The estimated schedule for completion of work.
 - (c) The estimated date for reopening of the street.
 - (d) Procedure for garbage collection recycling and postal service.

17) CONSTRUCTION PHASING

- a) Contractor shall refer to construction staging and traffic control plans when included in construction plans.
- b) Contractor shall include construction phasing on the required construction schedule submittal.

18) CONSTRUCTION STAKING

- a) Unless otherwise specified in the specific sections, Jurisdiction shall provide engineering surveys to establish reference points for construction as follows:
 - i) Storm Sewer: Staking will be furnished and set by the Engineer at 50.0-foot spacing (usually offset for construction) for the control of the underground construction herein described. Cuts to the proposed pipeline grade will be furnished by the Engineer. Manholes and catch basins will be staked with an offset and a witness with a cut to the lowest structure invert.
 - ii) Watermain: The staking interval for watermain shall be 25.0-feet. Cuts to the proposed pipeline grade will be furnished by the Engineer. Location staking shall be provided for valves and fittings. Hydrants will be staked with an offset and a witness with a cut to the ground elevation at the hydrant. The Engineer will provide horizontal and vertical control points on the project's datum.
 - iii) Street Grading, Form Grade and Top of Curb: A control line (usually offset from the curb line) with cuts and fills to proposed grade at 50.0-foot spacing on tangents, and 25.0-foot spacing on horizontal or vertical curves, shall be furnished and set on both sides for control of the construction herein described.
 - iv) Concrete Paving: Control lines for paving forms or stringline control with cuts and fills to proposed finished grade at 25.0 or 50.0-foot stations shall be furnished and set by the Engineer for control of the concrete construction herein described. The offset and actual form or stringline locations shall be in accordance with the paver manufacturer's recommendations and the approved paving strategy as determined at the preconstruction conference.
- b) The Engineer will provide stakes indicating the right of way and/or temporary easement construction limits.
- c) Contractor is responsible to have all areas where stakes need to be set to be clear of debris. The Contractor needs to also provide a clear line of sight for staking.

- d) The Contractor shall submit staking requests a minimum of two (2) working days, excluding Saturdays, Sundays and legal holidays, prior to the date requested stakes are needed on the project. Staking requests submitted after 2pm shall be recorded as being received the next business day.
- e) The stakes are an integral part of the project and the Contractor shall protect and preserve all such stakes and marks and will be charged with the expense of resetting all such stakes and marks destroyed or disturbed due to the Contractor's carelessness or negligence. Stakes that are destroyed due to vandalism, erosion or other incidents shall be re-staked by the Engineer and will not be at the Contractor's expense.
- f) In the event of apparent or questionable errors or inconsistencies in such stakes set for control of line and/or grade, the Contractor shall promptly notify the Engineer of such error or inconsistency and shall not proceed with the work until such stake, grade or mark shall have been verified or corrected by the Engineer.
- g) The Engineer will mark the existing boundary monuments prior to construction. The Contractor is responsible for protecting the monuments during construction. If monuments are removed, the Engineer will reset them post construction at the Contractor's expense.
- h) All other line and grade staking shall be the responsibility of the Contractor. The Contractor shall furnish sufficient equipment and personnel for determination of plan grades, cross sections, course thicknesses, etc. The survey cost of establishing stakes requested by the Contractor for the convenience of the Contractor, beyond those cited as basic project control, will be charged to the Contractor, or withheld from the amounts due to the Contractor.

19) CONSTRUCTION SURVEY DOCUMENTATION & RESPONSIBILITIES OF ENGINEER AND CONTRACTOR

- a) The Contractor shall maintain at the construction site one complete set of drawings suitably marked to show all deviations from the original set of drawings and other information as specified. Supplementary sketches shall be included, if necessary, to clearly indicate all work as constructed.
- b) All manholes and valves shall be located with tie-off dimensions to known items on the plans or in the field to enable the Contractor or City personnel to locate these structures for adjustment.
- c) Survey work documentation shall be a combination of digital and hard copy format and is the property of the Engineer.
- d) Tie-ins with existing pavements and utilities shall be verified for correctness of alignment and elevation prior to construction staking. Any discrepancies discovered during this verification process will be brought to the attention of the Engineer for review and assistance with resolution prior to staking.
- e) When survey work is done under traffic conditions, the traffic control shall be in place prior to commencement of survey work.
- f) The Engineer will have a representative at the preconstruction conference to discuss construction staking.
- g) The Jurisdiction and Engineer will not be responsible for delays due to lack of grade or line stakes unless the Contractor has given the Engineer a 48 hour, working day, notice that such stakes will be needed and the Contractor's work is being conducted in a satisfactory manner and at the specified rate of progress.

20) MATERIALS TESTS

- a) Testing shall follow the requirements of the SUDAS Standards Specifications. Contractor specified testing shall be completed by an independent testing laboratory retained by the Contractor and approved by the Engineer. Required testing not specified as Contractor or Supplier responsibility will be completed by an independent testing laboratory retained by the Jurisdiction or the Engineer.
- b) The Contractor shall coordinate all material testing with the Engineer.
- c) The Contractor shall not deliver materials to the project site until laboratory tests and/or certifications have been furnished which verify compliance of materials with specifications.
- d) Contractor shall provide gradation and materials certifications for all granular materials. Certify that sources of Portland Cement and aggregate sources are Iowa DOT approved.

21) SOIL BORINGS

- a) See Appendix.

22) EXISTING UTILITIES

- a) Location of utility lines, mains, cables and appurtenances shown on plans are from information provided by utility companies and records of the Jurisdiction.
- b) Prior to construction, Contractor shall contact all utility companies and have all utility lines and services located. The Contractor is responsible for excavating and exposing underground utilities in order to confirm their locations ahead of the work.
- c) The Contractor is solely responsible for damage to utilities or private or public property due to utility disruption.
- d) The Contractor shall notify utility company immediately if utility infrastructure is damaged during construction.
- e) The Contractor shall support and protect all utilities that are not moved.
- f) Utility services are not generally shown on plans; protect and maintain services during construction. Notify Jurisdiction and affected property Jurisdictions 48 hours prior to any planned utility service interruptions.
- g) If private utility work occurs within/adjacent to the site during the construction period, Contractor shall coordinate work schedules with the Engineer.
- h) Existing utilities shall remain in substantially continuous operation during construction. Contractor shall select the order and methods of construction that will not interfere with the operation of the utility systems. Interrupt utility services only with approval of Jurisdiction and Engineer.
- i) No claims for additional compensation or time extensions will be allowed to the Contractor for interference or delay caused by utility companies.

23) SALVAGE OF MATERIALS / DISPOSAL

- a) The Contractor shall remove from the project site and dispose of trees, shrubs, vegetation, excess soil excavation, rubbish, concrete, granular materials and other materials encountered as shown on plans and as specified. Excess soil excavation not designated for waste locations shall be disposed of as directed by the Engineer.
- b) The City of Windsor Heights, IA retains first right of refusal for retaining any existing materials removed by the construction.
- c) The Contractor shall dispose of materials in accordance with applicable laws and ordinances. Disposal sites are subject to the review and approval of the Engineer.
- d) Burning of brush and other debris is not permitted. Contractor is responsible for selecting disposal location off site.
- e) The Contractor shall dispose of broken concrete, asphalt, granular material, rubble and excess or unsuitable excavated material. Contractor is responsible for selecting disposal location off site.
- f) The Contractor shall cooperate with all applicable City, State and Federal agencies concerning disposal of materials.
- g) The Contractor shall carefully remove, in a manner to prevent damage, all materials and equipment specified or indicated as salvage. The Contractor shall protect and store items specified.
- h) Any items damaged in removal, storage or handling through carelessness or improper procedures shall be replaced by the Contractor in kind with new items.

24) TRAFFIC CONTROL

- a) The Contractor shall provide sufficient surveillance of the traffic control devices to ensure compliance during the entire construction period. The Contractor shall furnish names, addresses, and phone numbers of at least two (2) local individuals capable of immediate response who will be responsible for the site security and traffic control devices to:
 - i) The Engineer;

- ii) The Jurisdiction; and
- iii) Local Law Enforcement Agencies.
- b) The Contractor shall schedule the work to cooperate fully with business property owners and occupants abutting the project to minimize the time of restricted access to their property during the construction period.
- c) The Contractor shall notify the City and property owners at least 48 hours prior to any street closures.
 - i) Notification shall be provided by written notice delivered to the business. The following items shall be included within the notice:
 - (1) The street name, location and proposed date of street closure;
 - (2) The estimated schedule for completion of work;
 - (3) The estimated date for reopening of the street; and
 - (4) Procedure for garbage collection/recycling and postal service.
 - ii) Contractor shall accommodate and maintain safe access to homes for property owners. Access to homes shall be considered incidental to the project.
- d) The cost of maintaining vehicular and pedestrian traffic on temporary surfaced drives and walkways, including the eventual removal of the temporary surfacing material, shall be considered incidental to traffic control.
- e) In the event that any of the above right-of-way require traffic to be detoured around the construction zone, the Contractor shall prepare the detour route with the appropriate Agency representatives. The Contractor shall provide and maintain all signing and other traffic control required. The affected Agency shall be notified by the Contractor before re-routing traffic. Dust control and road maintenance of the by-pass route shall be the Contractor's responsibility.
- f) Contractor shall furnish, erect and maintain traffic control devices as specified in the construction drawings and directed by the Engineer including signs, barrels, cones and barricades to direct traffic and separate traffic from work areas. Traffic control shall be in place prior to the closing of any streets.
- g) Contractor shall provide traffic control devices in accordance with the Iowa DOT Standard Specification, Section 2528, Traffic Control, and the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).
- h) Adjustments to the traffic control or the addition of flaggers will be required if, in the opinion of the Engineer, undue traffic congestion occurs.
- i) Contractor shall provide continuous access for police, fire and other emergency vehicles.
- j) Contractor shall notify the Engineer in writing at least 72 hours prior to the start of any construction operation that will necessitate land closure or internal traffic control signing.

25) TEMPORARY FENCES

- a) Contractor shall install temporary fencing around open excavations or material storage areas and as directed by Engineer to prevent access of unauthorized persons to construction areas.
- b) Contractor shall provide orange plastic mesh safety fence with a nominal height of 48". Support fence securely on driven posts in vertical position without sagging.
 - i) Refer to Iowa DOT Section 4188.03 for fence materials.
- c) Temporary fencing installed around open excavations or material storage areas is incidental to construction and will not be measured for payment.
- d) Contractor shall remove temporary fencing upon completion of construction.

26) EROSION CONTROL (NPDES Permit)

- a) If Contractor fails to install and/or perform the appropriate erosion and sediment control practices, as determined by the Engineer, the Engineer may issue a written order to the Contractor. Failure to perform this work within 72 hours of notification of non-compliance may result in the Jurisdiction or Engineer arranging for completion of the work by others. A contract deduction may be made equal to the total of all costs to perform such work so arranged, including but not limited to, labor, materials, equipment and administrative costs.
- b) It shall be the Contractor's responsibility to update the Erosion Control Plan during construction and have the plan available on site at all times.
- c) Contractor is responsible for preparing the SWPPP to match staging, phasing and construction methods as work progresses. Contractor shall comply with the erosion control requirements of said plan, the Iowa Code and local ordinances. Protect against erosion and dust pollution on this project site and any off-site deposit or borrow area used for this project.
- d) The Contractor will publish the necessary notification for the NPDES permit prior to the start of construction. The Contractor shall obtain an NPDES permit from the Iowa DNR for the area within the limits of this project based on the Pollution Prevention Plan. It shall be the Contractor's responsibility to update the plan during construction and have the plan available on site at all times.
- e) The Contractor shall protect adjoining property (including public sanitary/storm sewer systems and streets) from any damage resulting from movement of earth or other debris from the project site. Any damage shall be repaired immediately.
- f) Contractor shall prevent the accumulation of earth or debris on adjoining public or private property. Contractor shall remove any accumulation of earth or debris immediately and prevent the repetition of any instance where earth or debris moves from the project site to adjoining public or private property.
- g) Contractor shall provide erosion control measures necessary to protect against siltation and erosion from the flow of storm water. Maintain continuous operation of the storm sewer system throughout the construction period.
- h) Contractor shall use silt fence and similar Best Management Practices (BMP) at all drainage courses, swales and storm sewer system inlets/outlets to protect against siltation and erosion as shown in the construction drawings or as directed by the Engineer.
- i) Erosion protection measures, other than those specified as unit price pay items, are incidental.
- j) The Contractor will be fully liable for all damages to public and private property caused by their action or inaction in providing for handling of storm water flow during construction.
- k) As construction progresses, stabilization is required in those segments of the corridor that become available to do so. The Contractor shall not wait until all grading and paving operations are completed before commencing final surface restoration.
- l) The Contractor shall anticipate multiple mobilizations to complete finish grading operations in surface restoration areas.

27) DEWATERING

- a) Contractor shall perform all construction work in dry conditions.
- b) Unless specified in the Bid Items, all costs associated with dewatering activities shall be incidental to the project.
- c) Contractor shall submit dewatering methods to the Engineer for review. Obtain the Engineer's approval on methods prior to construction.
- d) Groundwater levels are subject to variation. No additional compensation will be permitted due to high groundwater conditions.
- e) Should cohesive soils with no wet sand seams or layers be encountered, it may be possible to control water seepage by draining groundwater to temporary construction sumps and pumping it outside the perimeter of the excavation.

- f) The Contractor shall not pump water from open excavation in sand and gravel below the natural ground water level.
- g) Contractor shall maintain water levels 2 feet or more below the bottom of excavations in saturated cohesionless (sand and/or gravel) soils to prevent upward seepage, which could reduce subgrade support.
 - i) A dewatering system (well points or shallow wells) shall be installed when working in cohesionless soils.
 - ii) Costs of installing and operating dewatering system are incidental, unless specified otherwise.
- h) Contractor shall provide means for conveying surface water encountered during construction.
 - i) Surface water shall be prevented from flowing into excavation and accumulated water shall be removed.
 - ii) Surface water and storm sewer flows shall be diverted around areas of construction.
 - iii) Sanitary sewers shall not be used for the disposal of dewatering or trench water.
- i) Contractor shall backfill pipe and structures prior to stopping dewatering operations. Contractor shall not lay pipe or construct concrete structures on excessively wet soils.
- j) Costs of conveying both surface water and groundwater are incidental.

28) READY MIX CONCRETE USED ON PAVING PROJECTS

- a) Contractor will be required to provide plant/truck batch tickets as detailed in the Iowa DOT Construction Manual, Chapter 9, Section 9.03.
- b) Contractor shall be required to provide a batch ticket for each delivered load to the Engineer or their field staff at the time of delivery on site.

29) INCIDENTAL CONTRACT ITEMS

- a) The furnishing and installing of specific items and/or the performance of work under certain circumstances shall not be individually paid in the absence of a specific bid item for the work. These costs shall be included in the Unit Price Bid for the individual items associated with the stated specific item or work effort. Such items of work include, but are not limited to:

Concrete header removal
 Connections to existing storm sewer structures and pipes unless specified for separate payment
 Construction and removal of temporary access roads
 Construction fencing
 Construction staging and phasing
 Coordination and cooperation with affected property owners
 Coordination and cooperation with the City of Windsor Heights
 Coordination and cooperation with other contractors
 Coordination and cooperation with other projects in the area
 Coordination and cooperation with utility companies
 Dewatering and handling storm water flow during construction
 Dust control measures
 Engineering fabric
 Excavation, verification and protection of existing utilities
 Field and wood fence removal
 Field testing
 Finish grading
 Full depth saw-cutting of existing pavement
 Grading for storm sewer outlets
 Granular backfill and bedding for storm and sanitary sewer installation
 Granular surfacing removal
 Maintenance and watering for seeding and sodding

Maintenance of erosion control measures, including silt removal
Material testing
Monitoring weather conditions
Mowing
Overhaul
Pipe and structure bedding material
Porous backfill for subdrain
Proof rolling
Protection of existing hydrant(s) and valve(s)
Protection of existing trees and plantings not shown as removals
Protection of existing utilities and light poles
Removing and reinstalling existing signs
Reseeding
Site cleanup/restoration
Temporary safety closures
Temporary sheeting and shoring
Water valve removal
Working backfill to reduce moisture content
Working subgrade to achieve acceptable moisture content
Wrapping of storm sewer pipe joints

*****END OF SECTION*****

SECTION 00900 - NOTICE OF AWARD

(To be executed after bid is awarded.)

TO: Contractor _____
Address 1 _____
Address 2 _____
City, State, Zip _____

PROJECT TITLE: 74th Street Improvements

PROJECT DESCRIPTION: The 74th Street Improvements project includes pavement reconstruction, storm sewer installation and water main replacement on 74th Street between College Drive and Wilshire Boulevard.

OWNER'S NAME: City of Windsor Heights

The OWNER has considered the BID submitted by you for the above-described WORK in response to its Notice to Bidders dated _____, 20____, and Instructions to Bidders.

You are hereby notified that your BID has been accepted for items in the amount of \$_____.

You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER within fifteen (15) days of this, the ____ day of _____, 20____.

You must deliver to the OWNER Three (3) fully executed counterparts of the Contract, including all the Contract Documents. Each of the Contract Documents must bear your signature. You must deliver with the executed Contract acceptable Contract Security (Bonds), Certificate(s) of Insurance, and other required information. Within ten days after you comply with the above conditions, the OWNER will return to you one fully executed counterparts of the Contract.

Dated this, the ____ day of _____, 20____.

City of Windsor Heights
Windsor Heights, IA

BY: _____

TITLE: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged by _____,

this, the ____ day of _____, 20____.

BY: _____

TITLE: _____

SECTION 00910 - NOTICE TO PROCEED

(To be executed after Agreement, Bonds and Insurance Certificates are approved.)

TO: Contractor	Date:
Address 1	Project Title: 74th Street Improvements
Address 2	Project Owner: City of Windsor Heights
City, State, Zip	Project Location: Windsor Heights, IA

You are hereby notified to commence WORK in accordance with the Contract awarded on _____, 20____.
The Contract Time shall commence to run on Anticipated start date: _____, 20____. WORK shall proceed in accordance with the dates set forth in the Contract and all other provisions of the Contract Documents.

City of Windsor Heights
Windsor Heights, IA

BY: _____
TITLE: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by _____,
this, the ____ day of _____, 20____.

BY: _____
TITLE: _____

TO BE PRINTED ON CONTRACTOR'S LETTERHEAD

LETTER OF TRANSMITTAL

Contractor Name _____
Contractor Address _____
Contractor City, State, Zip _____
Contractor Phone/E-Mail _____

DATE:	BMI # 24X135938
ATTENTION: Justin Ernst	
RE: 74th Street Improvements	
SUBMITTAL NO.:	

WE ARE SENDING YOU

- ☐ Attached ☐ Under Separate Cover via _____ the Following Items:
☐ Shop Drawings ☐ Prints ☐ Specifications ☐ Copy of Letter
☐ _____

No. Copies Submitted	Specification Section	Subject of Shop Drawing or Other Submittal
Review Action: <i>(To be filled in by Engineer)</i>	☐ No Exceptions Taken ☐ Make Corrections Noted	☐ Amend - Resubmit ☐ Rejected - Resubmit ☐ Not Reviewed ☐ For Record
Comments: <i>(To be filled in by Engineer.)</i>		
☐ The CONTRACTOR hereby notifies the OWNER that this Shop Drawing is in conformance with SUDAS Specifications Section 1050, 1.05 referenced in the Contract Documents.		
☐ The CONTRACTOR hereby notifies the OWNER that this Shop Drawing is not in conformance with Section 1050, 1.05 of the SUDAS Specifications referenced in the Contract Documents and nevertheless asks approval thereof. The features not in conformance are as follows:		
1. _____ 2. _____ 3. _____ 4. _____ 5. _____ CONTRACTOR SIGNED: _____ DATE: _____		
COPY TO: _____ _____ _____ _____ <i>(To be filled in by Engineer)</i> ENGINEER SIGNED: _____ DATE: _____		

Distribution: ☐ Contractor ☐ Owner ☐ Project Engineer ☐ Field Office ☐ Other

DRAFT

12/11/2025

10:34:36 AM

DRAFT

12/11/2025

10:34:36 AM

DRAFT

12/11/2025

10:34:36 AM

APPENDIX
FOR
74TH STREET IMPROVEMENTS
CITY OF WINDSOR HEIGHTS
WINDSOR HEIGHTS, IA

DRAFT

12/11/2025

10:34:36 AM



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Nate Leuthold, Deputy City Clerk

SUBJECT: Approve Resolution No. 2025-85 - A Resolution Waiving the Community Center 2 Hour Rental Requirement for Bridges of Iowa's Graduation Ceremonies in 2026

GENERAL INFORMATION

Bridges of Iowa is a non-profit focused on helping their program members to live free from substance abuse and criminality, to become contributing members of their family and society, and to continue to explore and develop their individual faith. They have partnered with Windsor Heights to construct a bridge at Colby Park for public use and their use in their bimonthly graduation ceremonies. They have requested the use of the CEC for these graduation ceremonies in 2026.

The graduation ceremonies are scheduled for 6PM on the following dates: January 22nd, March 19th, May 21st, July 23rd, September 17th, and November 19th. Each day is a Thursday, and the CEC has no events currently scheduled during these times. Bridges of Iowa has requested the use of the full space in the CEC for these events.

The non-profit rate for the full space in the CEC is \$176 per hour on Thursdays. They have committed to returning the space to the state in which they were found (no cleaning fees required). Graduations typically take approximately an hour, and Administration has discussed with Bridges of Iowa proposing to City Council waving the two-hour rental requirement for the CEC given their partnership with the City and to help keep their event affordable. As such the proposed fee would be \$176 per event, for a 2026 total of \$1,056 to be paid by Bridges of Iowa for use of the CEC.

ATTACHMENTS

1. Resolution No. 2025-85 Partially Waiving CEC Fees for Bridges of Iowa's Graduation Ceremonies in 2026

RESOLUTION NO. 2025-85

**A RESOLUTION WAIVING THE COMMUNITY CENTER 2 HOUR RENTAL
REQUIREMENT FOR BRIDGES OF IOWA'S GRADUATION CEREMONIES IN
2026**

WHEREAS, Bridges of Iowa will be hosting their graduation ceremonies at Colby Park on January 22nd, March 19th, May 21st, July 23rd, September 17th, and November 19th, 2026; and

WHEREAS, Bridges of Iowa will be using the Windsor Heights Community Event Center and parking lot for this event; and

WHEREAS, Bridges of Iowa is requesting that the City waive the two-hour rental minimum of each date as the events will be one hour each.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY
OF WINDSOR HEIGHTS, IOWA:**

That the two hour minimum rental requirement associated with the rentals of the Windsor Heights Community Event Center by Bridges of Iowa on each of the aforementioned dates be waived.

Passed and approved this 15th day of December, 2025.

Mike Jones, Mayor

Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Resolution No. 2025-86 - A Resolution to Appoint a Member and Alternate Member to the Polk County 911 Service Board

GENERAL INFORMATION

ATTACHMENTS

1. Resolution No. 2025-86 911 Service Board Members

Resolution No. 2025-86

**Resolution to Appoint a Member and Alternate Member to the
Polk County 911 Service Board**

Whereas, the Polk County Joint 911 Service Board enables the orderly development, installation, and operation of 911 emergency telephone communications systems and other emergency 911 notification devices; and

Whereas, the Polk County Board of Supervisors shall maintain a Joint 911 Service Board; and

Whereas, each political subdivision having a public safety agency serving territory within the county/Service Area is entitled to voting membership on the Joint 911 Service Board; and

Whereas, the Joint 911 Service Board shall annually submit a listing of members to the State of Iowa; and

Whereas, the board members shall be the liaison between their political subdivision and the board.

Now, Therefore, Be It Resolved that Fire Chief James Mease be appointed as the primary member; and

Be it Further Resolved that Police Chief Pete Roth be appointed as an alternate member; and

Be It Further Resolved that the Member and Alternate Member attend the Board meetings on behalf of the City of Windsor Heights.

Passed and Approved this 15th Day of December, 2025.

Mike Jones, Mayor

Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Resolution No. 2025-87 - A Resolution to Appoint Members and Alternate Members to the Polk County Emergency Management Commission

GENERAL INFORMATION

ATTACHMENTS

1. Resolution No. 2025-87 EM Commission Member

Resolution No. 2025-87

Resolution to Appoint Members and Alternate Members to the Polk County Emergency Management Commission

Whereas, the county boards of supervisors and city councils in each county shall cooperate with the Iowa Homeland Security and Emergency Management Department to establish a local emergency management commission to carry out the provisions Iowa Code Chapter 29C; and

Whereas, the commission shall be composed of a member of the Board of Supervisors, the Sheriff, and the Mayor from each city within the county; and

Whereas, a commission member may designate an alternate to represent the designated entity; and

Whereas, for any activity related to approval or amendment of the Commission's budget as addressed in section 29C.17, subsection 2, or chapter 24 of the Code of Iowa, participation shall be by a commission member or a designated alternate that is an elected official from the same designated entity; and

Whereas, the commission members shall be the operations liaison officers between their jurisdiction and the commission; and

Whereas, the commission shall meet regularly to determine the mission of its agency and program and provide direction for the delivery of the emergency management services of planning, administration, coordination, training, and support for local governments and their departments; and

Whereas, the commission shall coordinate emergency services in the event of a disaster;

Now, Therefore, Be It Resolved that Mayor Mike Jones be appointed as the Emergency Management Commission Member; and

Be it Further Resolved that Councilor Susan Skeries be appointed as an Alternate Elected Member; and

Be it Further Resolved that Fire Chief James Mease and Police Chief Pete Roth be appointed as an Alternate Non-Elected Appointed Members; and

Be It Further Resolved that the Member and/or Alternate Member(s) attend the Commission meetings on behalf of the City of Windsor Heights.

Passed and Approved this 15th Day of December, 2025.

Mike Jones, Mayor

Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Resolution No. 2025-88 - A Resolution Approving Metro Waste Authority Primary Board and Alternate Board Appointments

GENERAL INFORMATION

ATTACHMENTS

1. Resolution No. 2025-88 A Resolution Approving Metro Waste Authority Primary Board and Alternate Board Appointments

RESOLUTION NO. 2025-88

**A RESOLUTION APPROVING METRO WASTE AUTHORITY PRIMARY
BOARD AND ALTERNATE BOARD APPOINTMENTS**

WHEREAS, the City of Windsor Heights, Iowa is a duly organized municipality within Polk County; and

WHEREAS, each year the Mayor shall appoint or reappoint individuals as members to various boards, commissions, and committees-including, but not limited to, the Metro Waste Authority.

NOW, THEREFORE BE IT HEREBY RESOLVED by the City of Windsor Heights City Council in session this 15th Day of December, 2025, that it hereby approves the Mayor's appointments of Susan Skeries as Primary Board Member and Threase Harms as Alternate Board Member.

Passed and Approved this 15th Day of December, 2025.

Mike Jones, Mayor

Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Resolution No. 2025-89 - A Resolution Appointing Commissioner and Alternate Commissioner to DART for 2026

GENERAL INFORMATION

ATTACHMENTS

1. Resolution No. 2025-89 DART Appointments Resolution

RESOLUTION NO. 2025-89

**RESOLUTION APPOINTING COMMISSIONER AND ALTERNATE
COMMISSIONER TO THE DES MOINES AREA REGIONAL TRANSIT AUTHORITY
("DART") FOR 2026**

WHEREAS, the City of Windsor Heights proudly supports and participates in the governance of the Des Moines Area Regional Transit Authority ("DART"); and

WHEREAS, the Des Moines Area Regional Transit Authority is governed by a Board of Commissioners that consists of elected officials throughout the Des Moines Metro, one from each member government; and

WHEREAS, per the Substituted and Restated 28E Agreement, it is the responsibility of the Mayor to appoint both a Commissioner and Alternate Commissioner; and

WHEREAS, Mayor Jones appoints Councilor Joseph Jones to serve as Commissioner and Councilor Lauren Campbell serve as Alternate Commissioner.

NOW, THEREFORE, BE IT RESOLVED that Joseph Jones is appointed to serve as Commissioner and Councilor Lauren Campbell is appointed to serve as Alternate Commissioner to the Des Moines Area Regional Transit Authority for the 2026 calendar year.

Passed and Approved this 15th day of December, 2025.

Mike Jones, Mayor

Attest: Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Strait, City Clerk

SUBJECT: Approve Resolution No. 2025-90 - A Resolution Appointing Representation to the Des Moines Area MPO

GENERAL INFORMATION

ATTACHMENTS

1. Resolution No. 2025-90 Resolution Apointing Representation to the MPO

RESOLUTION 2025-90

A RESOLUTION APPOINTING CITY OF WINDSOR HEIGHTS REPRESENTATION TO THE DES MOINES
AREA METROPOLITAN PLANNING ORGANIZATION (MPO)

WHEREAS the City of Windsor Heights is a member of the Des Moines Area MPO; and

WHEREAS the Des Moines Area MPO has requested its member governments to appoint primary
and alternate representatives to serve on its Policy Committee and Technical Committee for terms
that will run from January 1, 2026, through December 31, 2026;

NOW THEREFORE be it resolved by the City of Windsor Heights City Council to appoint the
following representatives to the Des Moines Area MPO:

Policy Committee Primary Representative:	Mike Jones
Policy Committee Alternate Representative:	Joseph Jones
Technical Committee Primary Representative:	Justin Ernst
Technical Committee Alternate Representative:	Andy Larson

PASSED AND APPROVED this December 15th, 2026.

Mike Jones, Mayor

ATTEST:

Adam Strait, Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Mike Jones, Mayor

SUBJECT: Approve Resolution No. 2025-91 - A Resolution Reappointing Chaden Halfhill to the Board of Adjustment

GENERAL INFORMATION

The Board of Adjustment currently has a member whose term is expiring on December 31st, 2025. The City reached out to the member to see if he was interested in serving another term, to which he stated he was interested. Following this, I am nominating Chaden Halfhill for Council's approval.

SUMMARY

I would ask Council to approve the Resolution Reappointing Chaden Halfhill to the Board of Adjustment.

ATTACHMENTS

1. Resolution No. 2025-91 Resolution Reappointing Chaden Halfhill to the Board of Adjustment

RESOLUTION NO. 2025-91

**RESOLUTION REAPPOINTING CHADEN HALFHILL TO THE BOARD OF
ADJUSTMENT**

WHEREAS, Chapter 179 of the City Code of Windsor Heights authorizes the creation of a Board of Adjustment to conduct administrative reviews of decisions made by the Zoning Administrator and to hear and decide on Conditional Use Permits, appeals, and requests for special exceptions and variances to the Windsor Heights Zoning Code; and

WHEREAS, the Board of Adjustment is made up of five persons, appointed by City Council, who pursuant to Iowa Code 392.12, serve five-year terms; and

WHEREAS, the term of Board of Adjustment member Chaden Halfhill ends on December 31st, 2025, and Mayor Jones has recommended he be reappointed.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Windsor Heights, Iowa that Chaden Halfhill is reappointed to serve on the Board of Adjustment with his five-year term beginning on December 31st, 2025.

Passed and approved this 15th day of December, 2025.

Mike Jones, Mayor

Attest: Adam Strait, City Clerk



**STAFF REPORT
CITY COUNCIL**

December 15, 2025

TO: CITY COUNCIL

FROM: Mike Jones, Mayor

SUBJECT: Approve Resolution No. 2025-92 - A Resolution Reappointing Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood to the Planning & Zoning Commission

GENERAL INFORMATION

The Planning & Zoning Commission currently has 4 members whose terms are expiring on December 31st, 2025. The City reached out to all four of the members to see if they were interested in serving another term. Each individual stated they were interested. Following this, I am nominating Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood for Council's approval.

SUMMARY

I would ask Council to approve the Resolution Reappointing Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood to the Planning & Zoning Commission.

ATTACHMENTS

1. Resolution No. 2025-92 Resolution Reappointing Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood to the Planning & Zoning Commission

RESOLUTION NO. 2025-92

**RESOLUTION REAPPOINTING DIANE FOSS, GEORGIE LIBBIE, TYLER
HOLTORF, AND GEOFFREY WOOD TO THE PLANNING & ZONING
COMMISSION**

WHEREAS, Chapter 23 of the City Code of Windsor Heights authorizes the creation of a Planning & Zoning Commission to have and exercise all the powers and duties and privileges in establishing the City zoning regulations and other related matters and to recommend to the Council amendments, supplements, changes or modifications, all as provided by Chapter 414 of the *Code of Iowa*; and

WHEREAS, the Planning & Zoning Commission is made up of seven persons, appointed by City Council, who pursuant to Iowa Code 392.1, serve five-year terms; and

WHEREAS, the terms of Planning & Zoning Commission members Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood end on December 31, 2025, and Mayor Jones has recommended they all be reappointed.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Windsor Heights, Iowa that Diane Foss, Georgie Libbie, Tyler Holtorf, and Geoffrey Wood are reappointed to serve on the Board of Adjustment with their five-year terms beginning on December 31st, 2025.

Passed and approved this 15th day of December, 2025.

Mike Jones, Mayor

Attest: Adam Strait, City Clerk



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Plagge, City Administrator

SUBJECT: Discuss 2026 YMCA Colby Park Summer Camp Use

GENERAL INFORMATION

In 2025, the City and the Walnut Creek YMCA entered into an agreement allowing the YMCA to operate a summer day camp in Colby Park with limited support from City staff. The 2025 fee was set at \$1,000, with the understanding that staff would monitor the time required to support camp operations and evaluate whether the camp substantially interfered with public use to help determine the future of the partnership. Based on staff observations and the general absence of public concerns, staff believe the camp operated with minimal disruption to other park activities. Staff support needs were manageable, and YMCA personnel met their responsibilities.

The Walnut Creek YMCA is again requesting use of Colby Park from mid-June to mid-August to host a Summer Camp in 2026, with tentative operating hours of 6:00 AM to 9:00 PM. A short-term YMCA youth soccer camp is also being considered, which would utilize the baseball field outfield.

Administration recommends a \$2,500 fee for park use in 2026 based on staff time and other camp-related costs from 2025, and the YMCA is agreeable to this amount. Windsor Heights residents would also continue to receive a \$10 discount per child, per week for camp enrollment at Colby Park.

Other use terms of use are intended to remain generally the same as last year and the agreement is planned to be brought to City Council for consideration on January 20th, subject to any additional feedback from City Council.

Key Use Terms

- **Participation Cap:**

- Limit the number of participants to a set maximum for 2026. YMCA anticipates a maximum of 60-75 participants.

- **Park Accessibility:**
 - Colby Park, including the playground, must remain open to the general public during YMCA use.
 - Camp programming on the playground should be scheduled during low public use hours to ensure accessibility for the community.

- **CEC Usage:**
 - YMCA may use the Community Events Center (CEC) during inclement weather days if available.
 - The CEC booking calendar will be shared with the YMCA, with bookings not permitted less than two days in advance.
 - YMCA is responsible for cleaning the CEC and restoring it to pre-use configuration.

- **Pavilion and Ballfield Use:**
 - Pavilion and ballfield usage is subject to availability.
 - Similar booking conditions apply as with the CEC.

- **Yoga Classes:**
 - YMCA must coordinate with the weekday 6–7 AM Yoga classes, held in the CEC or the pavilion (weather permitting).

- **City Events:**
 - YMCA must work around planned City/Foundation events, including Tuesday Nights in the Heights (6 PM) and other park activities.

- **Park Maintenance:**
 - The Windsor Heights Park Department will continue regular maintenance, including mowing, fertilizer applications, and herbicide treatments (with 24-hour signage). Maintenance will typically intersect with Camp hours.

- **Prairie Area Restrictions:**

- The small area west of the ball diamond and southeast of the pavilion, designated for prairie establishment, will not be available for use.

- **Irrigation Awareness:**

- YMCA is advised that various irrigation zones in the park run from 4–6 AM, potentially leaving some areas damp after 6 AM.

ATTACHMENTS

None



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Adam Plagge, City Administrator
Jim Mease

SUBJECT: Consideration of Resolution No. 2025-93 - A Resolution Approving the Memorandum of Understanding with the Cities of Urbandale, Waukee, and Windsor Heights for Fire and Emergency Medical Services Consulting

GENERAL INFORMATION

In 2024–2025, the City of Windsor Heights conducted a comprehensive Space Use Analysis of all municipal facilities. The draft report identified several significant opportunities for improvement within the Public Safety Building. Although approximately \$1 million has been set aside for potential future upgrades, consideration of significant Public Safety Building improvements has been postponed pending a more detailed review of the City’s Fire and EMS service delivery model and clarification of other public safety space needs, including:

- A transition from maintaining two fire engines to one primary engine with a backup engine available through neighboring municipalities, along with a shift from maintaining one ambulance to two.
- Regionalization of state-owned Datamasters, which would likely result in Windsor Heights no longer hosting this equipment at the Public Safety Building and thereby freeing up space.
- Possible modifications to public-facing areas within the Public Safety Building.

As Council is aware, Windsor Heights has significantly expanded its fire and EMS collaboration with nearby communities over the past five years through participation in Westcom and the implementation of a closest-unit-response model, which has improved service response to residents served by Westcom. Recent discussions among Urbandale, Clive, Waukee, and Windsor Heights have produced a proposal to begin the process of evaluating any additional Fire/EMS collaboration opportunities between the cities. This evaluation will help identify any adjustments to Windsor Heights’ service delivery model and, in turn, clarify specific space needs within the Public Safety Building.

This overall Fire/EMS Collaboration study objective is to utilize the Center for Public Safety Management's expertise and facilitation to provide the four cities' officials and stakeholders with data-driven recommendations to guide future decision-making, enhance service delivery, and strengthen community resilience regarding Fire, Rescue and Emergency Medical Services. Key items of consideration and context for this study are the following:

- There are no preconceived notions with this study work, as it is four cities exploring options for further Fire/EMS collaborations amongst each other.
- The State of Iowa continues to levy pressure on Iowa cities to find ways to be more efficient and effective with taxpayer resources, especially property taxes which are the primary funding source for Fire/EMS services in all four communities.
- This will be a professionally lead study by the Center for Public Safety Management (CPSM) who has over 15 years of experience in conducting similar studies across the nation with more than 500 such public safety studies in 46 states and 450+ communities.
- The State of Iowa passed legislation earlier this year to review Fire/EMS collaborations at a statewide level. This work is four cities being proactive with this collaboration work versus being handed a mandate down from the state.
- This study work is not primarily focused on only finding ways to reduce costs, but rather finding collaboration opportunities to deliver higher value in the four communities.
- The four cities already work together collaboratively on a number of Fire/EMS services, including public safety dispatch through Westcom, training, closest unit response and apparatus. This study work is a logical next step to see what might be next for further collaboration.
- CPSM's approach will be fact-based, data driven and inclusive of many stakeholders.
- CPSM will provide a clear framework to evaluate operational performance, financial sustainability, organizational alignment, and governance models, which will ultimately produce actionable recommendations for a more collaborative approach to fire and EMS service delivery.
- The study is anticipated to take at least 8-9 months to provide formal recommendations. CPSM will provide a potential implementation timeline for any recommendations offered.
- Any recommendations will be considered by each respective city with the City Councils having the ultimate decision on those recommendations. To move forward with this primary objective and considerations, Clive has volunteered to serve as the contracting agency and fiscal agent for the overall study relationship with the Center for Public Safety Management (CPSM) for the four cities and execute the professional services contract with CPSM in the approximate amount of \$145,775 of which Windsor Heights' share is anticipated to be 5% or \$8,000-\$10,000.

In sum, this study will help provide a blueprint for long-term collaboration, staffing and service delivery for Windsor Heights Fire and EMS, which will in turn help inform future decisions on how to best invest in the Public Safety building going forward.

Clive considered the MOU and professional services agreement December 11th. Waukee and

Windsor Heights will be considering the same MOU at December 15 City Council meetings and Urbandale will consider it at their December 16 meeting. The work on this study will begin in earnest after the 1st of the year with an 8-month goal to complete the study work and provide recommendations/options to the four cities for City Council consideration.

ATTACHMENTS

1. Resolution No. 2025-93 A Resolution Approving the Memorandum of Understanding with the Cities of Urbandale, Waukee, and Windsor Heights for Fire and E
2. Fire-EMS Study MOU Final
3. CPSM Proposal

RESOLUTION NO. 2025-93

RESOLUTION APPROVING MEMORANDUM OF UNDERSTANDING WITH THE CITIES OF
URBANDALE, WAUKEE AND WINDSOR HEIGHTS FOR FIRE AND EMERGENCY MEDICAL
SERVICES CONSULTING

WHEREAS, recently the Cities of Clive, Urbandale, Waukee and Windsor Heights (the “Cities”) have identified a priority to research Fire and Emergency Medical Services collaboration opportunities(the “Project”)amongst each other; and

WHEREAS, the Cities identified the Center for Public Safety Management as the preferred consultant team to work with on the Project; and WHEREAS, the City of Clive has been identified as the City to serve as the fiscal agent for the Project.

WHEREAS, the attached Memorandum of Understanding (MOU) outlines the cost sharing arrangement for the Project between the Cities.

NOW, THEREFORE, be it resolved by the City Council of Windsor Heights, Iowa that the City Administrator is authorized to execute the attached Memorandum of Understanding (MOU)for Public Safety Management for Fire and Emergency Medical Services Consulting.

PASSED AND APPROVED this 15th day of December, 2025.

CITY OF Windsor Heights, IOWA

By: _____

Mike Jones, Mayor

ATTEST:

By:_____

Adam Strait, City Clerk



COLLABORATIVE CITY FIRE-EMS STUDY MEMORANDUM OF UNDERSTANDING

A. Definitions

As used in this Memorandum of Understanding ("Agreement"):

1. "Cities" shall collectively refer to the following communities: the City of Urbandale, the City of Waukee, the City of Clive, and the City of Windsor Heights.
2. "Population" shall refer to the following amounts of people:
 - a) Urbandale: 45,580
 - b) Waukee: 31,823
 - c) Clive: 18,601
 - d) Windsor Heights: 5,252
3. "Prorated Share" shall refer to the following percentages:
 - a) Urbandale: 45%
 - b) Waukee: 31%
 - c) Clive: 19%
 - d) Windsor Heights: 5%
4. "Proposal" shall refer to the proposal from the Center for Public Safety Management, LLC ("CPSM"), attached hereto.

B. Understanding of Proposed Transaction

1. The Cities currently collaborate on certain Fire and EMS services and wish to commission a consultant study to evaluate further opportunities for collaboration and consolidation of Fire and EMS services within the Cities.
2. The Cities have reviewed the attached Proposal and wish to proceed with said Proposal as soon as reasonably possible.
3. As the designated fiscal agent, the City of Clive shall formally enter in to a contract with Center for Public Safety Management, LLC to conduct the study as set forth in the Proposal.

C. Financial Obligations and Cost-sharing

1. The Cities agree to each pay their Prorated Share of all costs of the study, which Prorated Share has been determined based on their Population.
2. In addition, each city may elect to add any of the presentation of analysis results as set forth on the final page of the Proposal. The costs of such elective presentation of analysis results shall be paid in full solely by the electing city. In the event of an election of some but not all of the Cities, such cost shall be split evenly between said electing cities.
3. The City of Clive shall receive all invoices for payment from Center for Public Safety Management, LLC related to the Proposal. Upon receipt of an invoice, the City of Clive, shall promptly issue payment in full to Center for Public Safety Management, LLC, and shall also submit a request for payment to all remaining Cities for payment of their share of each invoice. The City of Clive shall provide a copy of the applicable invoice and the basis for the amount set forth in the request for payment. Within 30 days' of receipt of the request for payment, each of the remaining Cities shall issue payment to the City of Clive.

D. Termination of Agreement

1. Any of the Cities may terminate this MOU with 30 days' written notice to all other parties if any of the Cities fails to fulfill its obligations. However, all financial obligations set forth herein shall survive termination.

Dated this _____ day of _____, 2025.

City of Clive

Matt McQuillen, City Manager

City of Urbandale

David Jones, City Manager



City of Windsor Heights

Adam Plagge, City Administrator

City of Waukee

Brad Deets, City Administrator



Proposal For

Fire and EMS Consulting Services

Cities of Clive, Urbandale, Waukee, and Windsor Heights, Iowa



CPSM[®]

CENTER FOR PUBLIC SAFETY MANAGEMENT, LLC
475 K STREET NW STE 702 • WASHINGTON, DC 20001
WWW.CPSM.US • 616-813-3782



Exclusive Provider of Public Safety Technical Services for
International City/County Management Association



Center for Public Safety Management, LLC

October 24, 2025

Mr. Matt McQuillen, City Manager
City of Clive, IA
1900 NW 114th Street
Clive, IA 50325

In Re: Fire and EMS Consulting Services.

Mr. McQuillen:

The Center for Public Safety Management, LLC, (CPSM), as the exclusive provider of public safety technical assistance for the International City/County Management Association, is pleased to submit this proposal to complete a Feasibility Analysis and Plan for Unified Fire and EMS Services that will include the cities of Clive, Urbandale, Waukee, and Windsor Heights, IA. On behalf of our firm, I thank you for considering CPSM for this consulting service. Through this introductory letter and proposal, I will explain why CPSM is the most qualified fire and emergency services consultancy firm to perform this evaluation and assessment for the four cities.

Our Experience

CPSM specializes in public safety technical assistance to local governments including comprehensive evaluation and analysis of Fire and EMS agencies, Standards of Cover analysis, and Strategic/Service Level Planning services. Our foundational analysis principles include linking agency workload, performance, and response times to community risk, current and projected population and growth patterns, agency deployment models, station locations, and analysis of Fire and EMS service level deliverables. CPSM devotes substantial project analysis time to operational efficiencies (use of operational staffing and deployable resources), the effectiveness of the organizational structure in terms of managing and delivering organizational programs, and the impacts of operational workload, response times, and resiliency of operational resources on the overall effectiveness of a municipality's ability to provide Fire and EMS services to their community.

The above and other Standards of Cover/Service Level analyses components are staples in our Fire and EMS operational and strategic planning analysis projects, and link directly to operational staffing, apparatus deployment, and organizational issues and challenges. Additionally, these concepts will draw CPSM into a critical gap analysis of current and future Fire and EMS service levels, system issues and challenges, NFPA and ISO national benchmarking for fire protection services, and local, state, and national best practices for Fire and EMS service delivery.

Overall, CPSM has worked meticulously to develop client inclusive public safety consulting services that are non-biased, fact-based, and measured against national standards and best practices.

Overall, CPSM has worked meticulously to develop client inclusive public safety consulting services that are non-biased, fact-based, and measured against national standards and best practices.

The next table outlines the broad experience CPSM has in Fire and EMS projects in the last four-year period. Clients include past and current project engagements.

• Pelham, AL (Fire & EMS) • El Mirage, AZ (Fire, EMS & 911 Center) • National City, CA (Fire, EMS & 911 Center) • Petaluma, CA (Fire & EMS) • Ukiah, CA (Fire & EMS) • Rialto, CA, (Fire & EMS) • Darien, CT (Fire, EMS & 911 Center) • Evans, CO (Fire & EMS) • Cocoa Beach, FL (Fire & EMS) • Jupiter, FL (Fire & EMS) • Chatham County, GA (Fire & EMS) • Roswell, GA (Fire & EMS) • Park Ridge, IL (Fire & EMS) • Haverhill, MA (Fire & EMS) • Northbridge, MA (Fire & EMS) • Plymouth, MA (Fire, EMS & 911 Center) • Yarmouth, MA (Fire & EMS) • Lexington, MA (Fire & EMS) • Ocean City, MD (Fire & EMS) • Biddeford, ME (Fire & EMS) • Battle Creek, MI (Fire & EMS) • Farmington Hills, MI (Fire & EMS) • Larkin Township, MI (Fire) • Mt. Pleasant, MI (Fire & EMS) • Midland, MI (Fire) • Northville-Plymouth, MI (Fire & EMS) • Saline, MI (Fire & EMS)	• Sterling Heights, MI (Fire & EMS) • Stearns County, MN (911 Center) • Kalispell, MT (Fire & EMS) • Prince George's County, MD (Fire & EMS) • Minot, ND (Fire & EMS) • Trenton, NJ (Fire) • Canandaigua, NY (Fire & EMS) • Haverford, PA (Fire & EMS) • Upper Darby, PA (Fire & EMS) • Celina, TX (Fire & EMS) • Garland, TX (Fire & EMS) • Fair Oaks Ranch, TX (Fire & EMS) • Richardson, TX (Fire & EMS) • Mansfield, TX (Fire & EMS) • McGregor, TX (Fire) • Melissa, TX (Fire & EMS) • Mesquite, TX (Fire & EMS) • Wylie, TX (Fire & EMS) • West Columbia, SC • Tooele City, UT (Fire) • Tooele County, UT (Fire) • Augusta County, VA (Fire & EMS) • Orange County, VA (Fire & EMS) • Roanoke County, VA (Fire & EMS) • Shenandoah County, VA (Fire & EMS) • Altoona, WI (Fire & EMS) • Baraboo, WI (Fire & EMS)
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As an organization, CPSM has more than 15 years of experience performing these and similar projects for local government fire, rescue, police, and 911 departments nationwide using our unique methodology of aligning our comprehensive data analysis, industry standards and best practices, and recommendations and solutions for the issues and challenges faced by municipal fire and EMS services nationally. This includes our experience with more than 500 such public safety studies in 46 states and provinces and 450+ communities.

CPSM Key Strengths

Our overall project approach when conducting Fire and EMS analyses and assessments consistently includes:

Information and Data Collection – CPSM has developed several information gathering tools and techniques we utilize for our projects. These include information/data requests directed to the client, extraction, and forensic analysis of computer aided dispatch (CAD) and records management system data, and analysis of specific stakeholder meetings.

Inclusive Stakeholder Approach – As we do on every project, we will meet with and continuously communicate with the appropriate stakeholders for a wholistic understanding of the project scope, the jurisdiction, and any issues and challenges that may exist.

Fact Based Approach – CPSM is a fact based and data driven consultant organization, relying on information and data we receive from our clients, extract from our research, and as outlined in national standards and science/evidence based best practices.

CPSM offers a proven approach developed by combining the expertise of our fire, rescue, and EMS subject matter experts with our experience performing hundreds of similar studies for municipalities nationwide. Our operational assessments reflect lessons learned from the hands-on Fire and EMS department experience of our team.

ICMA has provided direct services to local governments worldwide for over 100 years, which has helped to improve the quality of life for millions of residents in the United States and abroad. My colleagues at CPSM and I greatly appreciate this opportunity and would be pleased to provide consulting services to your organization. I can be reached, should you have any questions or would like to discuss the proposal further at 386-785-7282, or via email at jpozzo@cpsm.us.

Sincerely,



Joseph E. Pozzo
Senior Manager for Fire and EMS
Center for Public Safety Management, LLC

For CPSM,



Thomas J. Wieczorek, Director
Center for Public Safety Management, LLC
616-813-3782
twieczorek@cpsm.us



THE ASSOCIATION & THE COMPANY

International City/County Management Association (ICMA)

The [International City/County Management Association \(ICMA\)](#) is a 111-year-old, non-profit professional association of local government administrators and managers, with approximately 13,000 members located in 32 countries.

Since its inception in 1914, ICMA has been dedicated to assisting local governments and their managers in providing services to their citizens in an efficient and effective manner. ICMA advances the knowledge of local government best practices with its website, www.icma.org, publications, research, professional development, and membership.

Center for Public Safety Management

The ICMA Center for Public Safety Management (ICMA/CPSM) was launched by ICMA to provide support to local governments in the areas of law enforcement, fire, Emergency Medical Services (EMS), emergency management, and 911-Communication Centers. CPSM also represents local governments at the federal level and has been involved in numerous projects with the Department of Justice and the Department of Homeland Security. Further, CPSM provides training and research for ICMA members and represents ICMA in its dealings with public safety professional associations such as CALEA, PERF, IACP, IAFC, PSHRA, DOJ, BJA, COPS, and NFPA.

In 2014 as part of a restructuring at ICMA, CPSM spun out of ICMA as a separate company and is now the exclusive provider of public safety technical assistance for ICMA.

As an organization, CPSM has more than 15 years of experience performing fire, EMS, law enforcement, and 911 Communication Center agencies nationwide. Our overall experience includes more than 500 such public safety studies in 46 states and provinces and 450+ communities ranging in population size from 269 (Bald Head, NC) to 4.4 million (Maricopa County, AZ).

The CPSM project teams offer years of practitioner, first line supervisory, middle management, and senior leadership experience in the fire, rescue, EMS, emergency management, law enforcement, and 911-Center disciplines; and a record of research, academic, teaching and training. Our team comprises true industry subject matter experts, not research assistants, interns, or generic management consultants.



Key Personnel Resumes

CPSM DIRECTOR

THOMAS WIECZOREK

Director, Center for Public Safety Management; retired City Manager Ionia, MI; former Executive Director Center for Public Safety Excellence

BACKGROUND



Thomas Wieczorek is an expert in fire and emergency medical services operations. He has served as a police officer, fire chief, director of public safety and city manager, and is former Executive Director of the Center for Public Safety Excellence (formerly the Commission on Fire Accreditation International, Inc.).

He has taught numerous programs for the International City-County Management Association, Grand Valley State University, the National Highway Traffic Safety Administration (NHTSA), State of Michigan's Transportation Asset Management Council, and Grand Rapids Community College. He often testified for the Michigan Municipal League before the legislature and in several courts as an expert in the field of accident reconstruction and fire department management. He is the past president of the Michigan Local Government Manager's Association (MLGMA, now MME); served as the vice-chairperson of the Commission on Fire Officer Designation; served as ICMA's representative on the International Accreditation Service (IAS), a wholly owned subsidiary of the International Code Council (ICC); and currently serves on the NFPA 1710 and 1730 committee.

He worked with the National League of Cities and the Department of Homeland Security to create and deliver a program on emergency management for local officials titled, "Crisis Leadership for Local Government Officials." It has been presented in 43 states and has been assigned a course number by the DHS. He represents ICMA on the Emergency Management Assistance Compact (EMAC) Board and other fire service participation areas. In 2022 he worked with ICMA to create a FEMA program on economic recovery from disasters for local government managers. It has been delivered via webinar and in person across the United States.

He received the Mark E. Keane "Award for Excellence" in 2000 from the ICMA, the Association's highest award and was honored as City Manager of the Year (1999) and Person of the Year (2003) by the Rural Water Association of Michigan, and distinguished service by the Michigan Municipal League in 2005.

Mr. Wieczorek has been with the firm since its inception and has completed and/or served as a corporate lead for several hundred Fire, EMS, and Law Enforcement projects.

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SENIOR MANAGER: FIRE AND EMS-Project Manager

FIRE CHIEF, JOSEPH E. POZZO (RET.), MPA, CFOD

Former Director of Public Protection for Volusia County, Florida; Former Assistant Director of Human Resources, Volusia County, FL; Former Deputy Director, Volusia County Department of Public Protection; former Director and Fire Chief, Volusia County, Florida, former Fire Chief, Loudon County, Virginia, former Fire Chief Portsmouth, Virginia.

BACKGROUND



Joe Pozzo has a forty (40) year career in public service, and most recently served as the Director of Public Protection for Volusia County, Florida where he provided executive leadership to the Fire, EMS, Emergency Management, Corrections, Animal Control, and Beach Safety divisions. The Public Protection Department is the largest department in Volusia County and includes 945+ employees, an EMS Division that responds to 80,000 calls per year, an all-hazards Emergency Management Division, and a Fire Division that responds to 23,000 calls/year utilizing ALS staffed apparatus.

From March 2015 to September of 2018, Joe served as the Assistant Director of Human Resources for Volusia County, Florida (3,200 employees), where he managed the employee relations, benefits administration, and occupational health services functions and teams, as well as assist in the management and negotiation of six collective bargaining agreements/units. Joe was also involved in developing and implementing the county's Diversity and Inclusion initiative.

Joe has also served as the Deputy Director of the Department of Public Protection Volusia County, Florida, where he was responsible for the day-to-day operations of Fire, EMS, Emergency Management, Medical Examiner, Beach Safety, Corrections, and Animal Services. He was formerly Fire Chief of Volusia County Fire Services, where he developed and implemented a service model designed to introduce EMS transport into the agency, incorporate fleet efficiencies, and enhance the wild land/urban interface efforts.

Prior to Chief Pozzo's appointment in Volusia County in 2010, he served as the Chief of the Loudoun County Department of Fire and Rescue. This agency is a combination fire and rescue system providing fire, rescue, and emergency management services in one of the fastest growing counties in the nation. The fire and rescue system during Chief Pozzo's tenure provided these services to over 275,000 permanent residents living in 520 square miles of diverse suburban and rural area located within the National Capital Region. Services were executed through 450+ career staff and 1400+ volunteers operating out of 19 stations.

Prior to his appointment with Loudoun County, Chief Pozzo served as Chief of the Portsmouth Fire, Rescue and Emergency Services Department. This agency is one of the oldest professional departments on the eastern seaboard and served over 100,000 residents during Chief Pozzo's tenure. Chief Pozzo also served in the City of Virginia Beach, Va. Fire Department for 19 years, reaching the level of Deputy Fire Marshal and then Battalion Chief prior to embarking on his career as a Fire Chief/Director.

Joe holds a Master of Public Administration degree from Troy University, a B.A. in Public Administration from Saint Leo University, and numerous public safety technical certifications. Chief Pozzo also holds the **Chief Fire Officer Designation** from the Center for Public Safety Excellence. Joe has been with the firm since 2012.

SENIOR ASSOCIATE: FIRE SERVICES

CHIEF PETER J. FINLEY, JR. (RET.), BA, EFO

Retired Chief of Department City of Vineland Fire Department and Winslow Township Fire Department. Past President NJ Career Fire Chiefs Association.

BACKGROUND

Pete Finley's 36-year career in the fire and emergency services includes 28 in a career capacity with several different fire departments. He has served as Chief of Department for two New Jersey Fire Departments, most recently the Winslow Township Fire Department where, significant among other accomplishments, he was responsible for the planning, establishment, and initial deployment of the career component of the department as it transitioned from fully volunteer to combination status. Prior to that he served for more than 20 years with the City of Vineland Fire Department holding every operational rank (Firefighter, Fire Prevention Specialist, Captain, Deputy Chief, Fire Chief) including 4 ½ years as Chief of Department. In this position he initiated significant changes within the department including implementing numerous improved operational and safety initiatives, updating, and modernizing equipment, providing the department's first ever formal officer training and development program, and significantly increasing the capabilities of the regional hazardous materials and special operations response team. During his tenure, the department received more than one million dollars in various grants. He formerly commanded the Vineland Rescue Squad gaining significant EMS operations and command experience and completing a complete overhaul of that organization's operations.

Chief Finley currently serves as an Adjunct Professor in the Fire Science Program at Camden County College. In addition, since his retirement, he has been involved in conducting numerous fire department operational readiness and organizational evaluations including several under the auspices of the United State Coast Guard related to domestic port security assessments. He has also been involved in the development and administration of several fire service promotional examinations and assessment processes.

Chief Finley received his Associate in Applied Science degree from Atlantic Community College in New Jersey and earned his Bachelor of Science degree in Fire Science/ Administration from the University of Maryland. He is a 2003 graduate of the National Fire Academy's Executive Fire Officer Program earning an Outstanding Research Award for his 2002 paper titled, "Residential Fire Alarm Systems: The Verification and Response Dilemma".

He has earned more than two dozen state and national fire service certifications, most of them the highest level attainable. Chief Finley has been a member of several fire service organizations and served on numerous committees throughout his career.

SENIOR ASSOCIATE: EMERGENCY MEDICAL SERVICES

EXECUTIVE DIRECTOR, JASON BRADY, DBA, MBA, MICP, NRP, CCEMT-P, CSSBB

Executive Director, Emergency Medical Services for University Hospital – Newark, NJ; Former Director of EMS for Volusia County, Florida; Former Director of Emergency Medical Services, Macon, GA; Former Deputy Fire Chief, Lawrenceville, VA; Former Director of Operations, RMT Schaumburg, IL.

BACKGROUND

Director Brady has a thirty (30) year career in public service, and currently serves as the Executive Director of EMS for University Hospital – Newark, NJ where he provides executive leadership to ground ALS / BLS 911 operations, NJ State Police Medivac program (JEMSTAR), FBI-Newark SWAT Blue Team – medical coordination unit, New

Jersey Task Force Operations, EMS Urban Heavy & Technical Rescue Operations, New Jersey Port Authority Operations for both Liberty International Airport and the Newark Seaport. Additionally, Director Brady oversees the Northern New Jersey Medical Coordinating Center (MCC) which involves medical surveillance activities for over 35 hospitals. University Hospital EMS has approximately 400 Full-Time Staff Members, forty-five (45) Ambulances, and answers over 110K calls for service annually.

From July of 2019 through July of 2021 Director Brady served as the Director of EMS for Volusia County Florida, an EMS service that responds to 80,000+ EMS incidents/year. Prior to Director Brady's appointment in Volusia County in 2019, he served as the EMS Director of Navicent Health. This agency is a hospital Based 911 EMS agency. Director Brady has also served in Fire and EMS agencies in Virginia, and Illinois in various roles that include Chief Flight Medic, Senior Paramedic, QA/QI/Training Coordinator, and Director of Operations.

Director Brady holds the Degree of Doctor of Business Administration in Healthcare Administration from Liberty University, a Master of Business Administration from Southern New Hampshire University, and a Bachelor of Science in Health Science in Emergency Medical Services Management from George Washington University. Jason is a Nationally Registered Paramedic, a New Jersey Licensed MICP, and Certified Fire Fighter in New Jersey, Virginia & Georgia. Jason is a Certified Six Sigma Black Belt in process improvement.

SENIOR ASSOCIATE

DEPUTY CHIEF JAMES L. MAUNEY, (RET.)

Former Deputy Fire Chief, Volusia County, Florida; Former Deputy Operations Supervisor, Volusia County Emergency Management; Former Fire Chief, Lake County Fire & Rescue, Former Director of the Emergency Services Institute; Volusia County Fire Services.

BACKGROUND

Jim has a thirty (30) year career in public safety, beginning as a State Trooper with the Florida Highway Patrol. Since his retirement from Volusia County, Jim has embarked on a post-retirement career where he develops and conducts specialized training that includes incident command and management; wild land/urban interface suppression and defensible communities; design, development, implementation, and evaluation of emergency response exercises; firefighter principles and practices; fire company officer leadership, continuity of operations planning, and hazardous materials. Jim is certified in the Homeland Security Exercise Evaluator Program (HSEEP), and conducts training supported by the Department of Justice, State of Florida, National Wildfire Coordinating Group, FEMA, and NIMS.

As an Assistant Chief with Volusia County, FL, Jim trained Florida's first wildland fire crew in 1994; the Volusia County Fire Service Firewalkers. These 30 certified firefighters were trained in wildland firefighting tactics, Florida fuels topography, and weather. In 1998 the team was instrumental in saving lives, businesses, and homes in Volusia County during what is still recognized as *"the most complex fire in America's history"*. During this incident, Jim served as the Area Commander for 6 weeks, managing resources for 968 individual wildland fires totaling 147,000 acres.

Jim is a subject matter expert in the concepts for determining the risks associated with the wild land/urban interface and Firewise Community development. Jim also has extensive experience in the principles and practices of Emergency Management planning, mitigation, and incident management. During Jim's career in Emergency Management, he coordinated operations with sixteen (16) municipalities to incidents within the County during fifty (50) plus federally declared disasters. Jim maintains his Florida Department of Law Enforcement certifications and serves as a law enforcement Reserve Sergeant in Lake Helen, Florida.

Jim has completed coursework at the National Emergency Training Center in Emmitsburg, MD, and holds numerous technical and instructor certifications in fire, emergency medical services, law enforcement, emergency management, incident command, Homeland Security, and firearms.

ASSOCIATE: FIRE AND EMS

DEPUTY CHIEF MATT GUSTAFSON (RET.), B.S.

Former Deputy Fire Chief, Sonoma County, CA Fire District.

BACKGROUND

Deputy Chief Matt Gustafson has a 40-year career in public and private fire service, and most recently retired as a Deputy Chief with the Sonoma County, CA Fire District. Matt started his career as a volunteer firefighter for the City of Larkspur (CA). He was later hired at Lucasfilm LTD to help create a new fire, safety, and security division for the Skywalker Ranch / Lucasfilm complexes. Matt worked his way up to Assistant Fire Chief and Head of Safety/Security for the Skywalker Ranch complex.

In 1998, Matt was hired with Windsor Fire Protection District as a Battalion Chief / Fire Marshal. As Battalion Chief, Matt managed fire station crews and administrative staff and responded to greater alarm incidents ultimately for two fire districts under a Joint Powers Agreement (JPA). He managed employee performance and relations, facilities, and policy development. As Fire Marshal, Matt performed plan review and fire and life safety inspections for new building projects and events for a rapidly growing community. Matt managed fire investigations, public relations, and community risk reduction programs. Matt worked closely effectively with the public, building officials, planners, developers, other fire officials, city officials, and elected officials. He served as president of the Sonoma County Fire Prevention Officers and facilitated the "single-code" (one fire code for the entire county) project. Matt also managed a LEED/Green-certified new fire station project, added staffing, built employee relations, and created strategic plans, team building programs, fee schedules, mitigation revenues, and a career succession program.

Matt has an Associate's Degree in Fire Science Technology, a Bachelor of Science Degree in Fire Administration and Prevention (Magna Cum Laude), Fire Officer Certification, and is a Master Instructor within the California State Fire Service Training and Education System.

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DATA ASSESSMENT TEAM – PROJECT LEADER

DOV CHELST, PH.D.

Director of Quantitative Analysis

BACKGROUND

Dr. Chelst is an expert in analyzing public safety department's workload and deployment. He manages the analysis of all public safety data for the Center. He participates in all phases of The Center's studies from initial data collection, on-site review, large-scale dataset processing, statistical analysis, and designing data reports. To date, he has managed over 140 data analysis projects for city and county agencies ranging in population size from 8,000 to 800,000.

Dr. Chelst has a Ph.D. Mathematics from Rutgers University and a B.A. Magna Cum Laude in Mathematics and Physics from Yeshiva University. He has conducted research in complex analysis, mathematical physics, and wireless communication networks. ***Dr. Chelst has been with the firm since its inception and has completed over 350 data analyses for ICMA/CPSM.***

PUBLIC SAFETY DATA ANALYST

XIANFENG LI, PH.D.

BACKGROUND

Dr. Xianfeng Li is a professional computational scientist and certified SAS programmer with a wealth of knowledge and research experience in Complex System Modeling, Data Analysis, and Statistical Physics. He is highly qualified in various coding programs and has earned numerous data science certifications. He previously worked as a Research Associate and Postdoctoral Fellow. Dr. Li earned his Ph.D. and master's degree in Polymer Science within the Institute of Chemistry from the Chinese Academy of Sciences in Beijing. He earned his Bachelor's Degree in Chemistry at Jilin University in Changchun.

PUBLIC SAFETY DATA ANALYST-GIS

MONICQUE LEE, MS, BS

BACKGROUND

Ms. Lee has extensive experience in the areas of data and geospatial analysis, hydrographic data processing, mapping platforms, and project management. She has worked as a GIS consultant, and with the U.S. Army Corps of Engineers where she received a U.S. Army commendation, and the United States Geological Survey, Grand Canyon Monitoring and Research Center. Ms. Lee has a Master of Science in Geographic Information Science & Technology.

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PROJECT PURPOSE, METHODOLOGY, AND SCOPE OF WORK

Project Purpose

The primary purpose of this analysis is to assess the operational, financial, organizational, and governance feasibility of potentially unifying the fire and EMS ground transport services for the cities of Clive, Urbandale, Waukee and Windsor Heights, Iowa. The study aims to determine whether a single, integrated, and resilient regional fire and EMS system could maintain or improve service delivery, efficiency, sustainability, and community outcomes.

Project Methodology

The objective is to provide the four cities' officials and stakeholders with data-driven recommendations to guide future decision-making, enhance service delivery, and strengthen community resilience. Our approach is structured, evidence-based, and collaborative. It provides a clear framework to evaluate operational performance, financial sustainability, organizational alignment, and governance models, which will ultimately produce actionable recommendations for a more collaborative approach to fire and EMS service delivery.

To complete this project, CPSM will utilize the following methodology:

1. Stakeholder Input:

- Conduct kickoff meetings with city leadership and fire/EMS leadership to confirm project objectives, timelines, and expectations.
- Establish a steering committee with representation from each jurisdiction to guide and validate project data and information.
- Develop a communication plan to ensure transparency and buy-in among stakeholders, including staff and labor groups.
- Conduct a community survey generically designed for electronic distribution in all cities.

2. Data Collection & Discovery

- Gather operational, financial, and organizational data.
- Conduct site visit, interviews, and stakeholder sessions (some virtually).

3. Baseline Assessment

- Analyze service demand, staffing, and performance.
- Benchmark each organization against industry standards and best practices.

4. Conduct a Gap Analysis of Each Fire and EMS Organization

- Analyze each organization's structure, operations and service delivery, infrastructure, staffing and workforce models, financial and cost structures, technology, and community risk.
- Evaluation of:
 - Areas of overlap (duplication, inefficiency).
 - Inconsistencies that could hinder unification.
 - Critical gaps that must be resolved before integration.
 - Opportunities for standardization, cost savings, and improved service.

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Scope of Work

The scope of work encompasses a comprehensive evaluation of the operational, financial, organizational, and governance factors necessary to assess the feasibility of unifying the four city Fire and EMS departments into a single, integrated system that enhances service delivery, efficiency, and community outcomes.

Operational Assessment of Each Locality

Review and document current operations of Clive Fire Department, Urbandale Fire Department, Windsor Heights Fire Department, and Waukee Fire Department. Assess call volume, incident types, service level, and operational efficiency. Review deployment strategies and mutual aid utilization.

Organizational Assessment of Each Locality

Analysis of organizational and support services to include training and education, community risk reduction (fire prevention, investigation, life safety education), health and safety, facilities, logistics, and organizational administrative services.

Community Risk Analysis

Conduct a full community risk assessment for each jurisdiction. Identify hazards, vulnerability, and risk mitigation capabilities. Align risk profiles with resource deployment and CRR strategies.

Includes analysis of community risk to include:

- Demographic/population data analysis.
- Target hazards/critical infrastructure analysis.
- Building types, density, and occupancy type analysis.
- Environmental factors analysis.
- Transportation network analysis and risk.
- Fire risk analysis.
- EMS risk analysis to include socio-economic and social determinants of health analysis.
- 3-Axis Risk Calculation.
- Current services/staffing model, critical tasking, and resource deployment in relation to the defined risks.

Response Workload, Time, and Resilience Analysis

Analyze incident workload trends and service demand forecasts. Assess current and projected response times. Evaluate system resilience under both current and proposed merged structures.

Station and Resource Distribution Analysis

Evaluate current fire station locations and coverage areas. Analyze optimal station placement using GIS and actual apparatus drive-time, population density, and response time models. Identify gaps, overlap, and future infrastructure needs. Assess facility space and efficiency.

Staffing Analysis

Evaluate current staffing levels, configurations (career/volunteer/combo), scheduling practices, and overtime. Identify staffing gaps or redundancies. Recommend future staffing model options for service optimization including right-sizing Fire/EMS response based on requests for service/call data.

Apparatus Analysis and Distribution

Inventory current fire and EMS apparatus by type, age, condition, and location. Evaluate apparatus distribution and future needs under a unified model. Recommend optimization and standardization strategies. Assess vehicle maintenance programs for efficiency.

Current Operational Guidelines Review

Collect and compare Standard Operating Procedures (SOPs), protocols, and guidelines from each department. Identify inconsistencies, duplications, and best practices. Recommend harmonized operational guidelines for a merged entity.

Organizational Analysis and New Organizational Structure

Assess current administrative and operational structures. Recommend an organizational chart for the unified department. Identify leadership, command, and division alignment under merged operations.

Pension Systems Merger Analysis

Review existing pension and retirement systems (IPERS, 411, etc.). Evaluate legal and fiscal implications of merging pension obligations. Provide legal, HR, and financial recommendations for pension alignment.

Financial Analysis: Near, Mid, and Long-Term

Conduct a comparative cost analysis of current vs. unified systems. Evaluate short-term transition costs, medium-term savings, and long-term sustainability. Provide a full financial pro forma and cost-benefit analysis.

Merger of Collective Bargaining Units

Identify existing bargaining units and contracts. Evaluate legal and contractual obligations and constraints. Recommend a process and timeline for collective bargaining unit integration.

Funding Methodology

Recommend equitable cost-sharing or funding formula among the cities. Explore intergovernmental agreements, service contracts, or authority models. Evaluate impacts of different funding mechanisms on municipal budgets.

Governance Model

Recommend governance models (e.g., joint powers authority, consolidated district, regional authority). Define roles, oversight, representation, and accountability mechanisms. Provide relevant examples of governance models from peer communities.

911 Communications and Dispatch Impacts

Review current use of a shared 911 center or dispatch infrastructure. Evaluate how unified operations would impact dispatch protocols, CAD systems, and call routing. Recommend necessary technical or procedural changes.

Merging Programs

Evaluate and propose integration strategies for Community Risk Reduction (CRR), Training and Continuing Education, and Logistics and Supply Chain Management. Recommend centralized or regionalized delivery models.

Site Visit

CPSM will conduct a site visit (4 days) for the purpose of conducting stakeholder interviews with key city and emergency services leadership to obtain information specific to the scope of work for the operational gap analysis. The site visit will also include a tour of each city so CPSM can better understand the building, transportation, and environmental risk as well as tour of each fire and EMS facility to assess building space, operational readiness and response posture and to assess in-service fleet. Lastly, the site visit will include stakeholder meetings with fire and EMS operational staff so that CPSM can better analyze service delivery and.

Project Deliverables

CPSM's project deliverables will include draft and final versions of the Feasibility Analysis and Plan for Unified Fire and EMS Services data analysis and operational reports for review and comment by the cities.

The Feasibility Analysis and Plan for Unified Fire and EMS Services report will include at a minimum:

- Comprehensive Final Report with all findings, recommendations, data tables, maps, and appendices.
- Executive Summary suitable for elected officials and public distribution.
- Presentation Materials for stakeholder briefings and public meetings.
- Options/Service Level Vision Roadmap with timeline, milestones, responsible parties, and key actions.
- Draft reports will be provided for review in electronic format. The final draft report will be delivered approximately 240 days from contract engagement unless otherwise agreed upon between the client(s) and the Project Manager.
- CPSM will deliver the draft and final documents digitally in computer readable format by email unless otherwise requested by the client. Should the cities desire additional copies of the report, CPSM will produce and deliver whatever number of copies is requested, which will be invoiced at cost.

PROJECT TIMELINE

CPSM proposes the following draft project timeline to deliver the final draft document approximately 240 days from kickoff.

Project Component	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8
Project Kickoff – Document and Data Information Request								
Conduct Fire & EMS Gap Analysis								
Operational Analysis Site Visit								
Workload and Response Time Analysis Development				Draft Data Report Delivered				
Deliver Draft Operational Analysis Report to Cities for Review								
CPSM Progress Meetings (Virtual)								

PROPOSED FEES

The quotation of fees and compensation shall remain firm for a period of 120 days from this proposal's submission as indicated below.

Proposed Professional and Travel Fees

CPSM Fee Description	Fee
Feasibility Analysis and Plan for Unified Fire and EMS Services Development: - All meetings (virtual and in-person). - Complete all evaluation and assessment work as outlined in the scope of work. - SME research, analysis, and report writing. - Comprehensive workload, response time, and resiliency data analysis. - GIS Services. - Complete on-site visit and conduct tours and stakeholder meetings as identified in the scope of work. - Community Survey. - SME Travel- One (1) Onsite Visit (4 Days) for evaluation and assessment work and in-person stakeholder meetings (invoiced separately as outlined below).	\$133,775
Feasibility Analysis and Plan for Unified Fire and EMS Services Total -	\$133,775

Travel Costs-Site Visit: \$12,000 - Estimated not to exceed and invoiced separately at cost.

Travel Includes: Air Fare, Rental Car, Hotel, Daily Per Diem (GSA Rate for Region). Travel to be invoiced separately and at cost with no overhead or CPSM administrative fees. Four SMEs.

Proposed Fee Payment Schedule: Feasibility Analysis and Plan for Unified Fire and EMS Services

Task/CPSM Work	Billing Schedule
- Contract/Agreement Signed. - Project kickoff meeting with the four cities.	40-percent of Feasibility Analysis and Plan for Unified Fire and EMS Services Development Fee.
Delivery of Draft Comprehensive Workload, Response Time, and Resiliency Data Analysis.	40-percent of Feasibility Analysis and Plan for Unified Fire and EMS Services Development Fee.
Delivery of Fire Department Evaluation and Assessment <u>Draft</u> Report.	20-percent of Feasibility Analysis and Plan for Unified Fire and EMS Services Development Fee.
Total	100-percent of Feasibility Analysis and Plan for Unified Fire and EMS Services Development Fee.

Presentation of Analysis Results

- Should the city(ies) desire an in-person presentation of CPSM findings and recommendations at a public meeting or meetings, CPSM will assign staff for such a meeting or meetings at a cost of \$3,000 plus travel expenses for up to two SMEs (each meeting).
- If individual city presentations are combined, there will be one fee of \$3,000 for a combined meeting plus travel expenses for up to two SMEs.
- Presentations occurring separately will be invoiced separately as outlined herein (\$3,000 plus travel expenses for up to two SMEs).
- Meetings occurring separately but in the same travel week will be invoiced separately with travel expenses shared between the cities requesting a presentation.

DELIVERABLES AND CONCLUSION

Report deliverables are as stated above, unless otherwise agreed upon between the client and the Project Manager. The fee quoted above is inclusive of the research and development of all elements of the draft and final reports. ***CPSM will deliver draft and final reports via email in a readable computer format.***

Part of ICMA's mission is to assist local governments in achieving excellence through information and assistance. Following this mission, Center for Public Safety Management, LLC acts as a trusted advisor, assisting local governments in an objective manner. CPSM's experience in dealing with public safety issues combined with its background in performance measurement, achievement of efficiencies, and genuine community engagement, makes CPSM a unique and beneficial partner in dealing with issues such as those being presented in this proposal. We look forward to working with you further.





STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM:

SUBJECT: Mayor, Council Reports and Committee Updates, and Administration Reports

GENERAL INFORMATION

ATTACHMENTS

None



STAFF REPORT
CITY COUNCIL
December 15, 2025

TO: CITY COUNCIL

FROM: Nate Leuthold, Deputy City Clerk

SUBJECT: 2025 Vacant Property Report

GENERAL INFORMATION

There are several blighted long vacant properties within the City of Windsor Heights that have a history of reoccurring nuisance violations that require substantial staff time and effort to remediate. The intention of the Vacant Property Registration Ordinance, created in 2024, is to establish a clear contact point and expectations for vacant properties as well as to provide additional tools to the City to ensure vacant properties are free of exterior code violations and otherwise free of hazards. Registrants provide contact information, including the name of the owner and/or authorized manager, address, email, tax ID, and phone number to help facilitate an open line of communication between them and City staff. They are to conduct monthly inspections to ensure the properties remain code compliant.

VACANT PROPERTY REGISTRATION

City staff keeps record of vacant properties within the City. The City currently has five registered vacant residential properties. There were six at the beginning of 2025, but one property (a duplex) was sold and renovated earlier this year. There are also three commercial properties listed, none of which have officially registered, but I keep an eye on them, nonetheless.

PROGRESS

Staff has been in regular contact with many of the property owners and degrees of progress have been made in improving the properties or returning them to an occupied productive property. Currently:

1. One vacant commercial property is listed on the market for sale after receiving several nuisance notices in 2024-2025.
2. One vacant commercial property remains vacant but is now properly secured. Dead vegetation was removed from the site, and the site is now generally free of litter.

3. The third vacant commercial property is in the process of changing its use. Remediation remains ongoing.
4. One long standing vacant residential property has replaced the roof/windows and has been painted in anticipation of being rented after receiving various nuisance citations in 2024-2025.
5. Another long-standing vacant residential property has had its roof replaced and sale of the property is being evaluated by the owner.
6. A final residential property has been reinvested in and returned to productive use. This is the property that was removed from the vacant property list.

Most “new” violations I noticed consisted of weed/lawn overgrowth. I communicated with the properties in question as needed, and issues were resolved in a timely manner.

OVERVIEW

Overall, the program has been successful, with incremental but significant progress seen across the board. I will continue to monitor properties and watch for potential newly vacant properties as well. Several properties remain on the list and staff will continue to keep lines of communication with property owners and work to resolve issues as they arise.

ATTACHMENTS

None