

ADDENDUM No. 1

RFP No. 26-12

Ingalls Kingsley Water Main Project

Due: February 26, 2026 at 2:00 P.M. (local time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes 17 pages.**

The Proposer is to acknowledge receipt of this Addendum No. 1 by signing and submitting Attachment B, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.

The following forms provided within the RFP Document should be included in submitted proposal:

- Attachment B – General Declarations
- Attachment D - Prevailing Wage Declaration of Compliance
- Attachment E - Living Wage Declaration of Compliance
- Attachment G - Vendor Conflict of Interest Disclosure Form
- Attachment H - Non-Discrimination Declaration of Compliance

Proposals that fail to provide these completed forms listed above upon proposal opening may be rejected as non-responsive and may not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the RFP documents which are outlined below are referenced to a page or Section in which they appear conspicuously. Offerors are to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)	Change
Schedule of Pricing / Cost	Schedule of Pricing/ Cost has been replaced in its entirety.
Plan Sheets 5 to 12	Plan sheets have been replaced in their entirety. Changes include: Revised cross sections. Extent of work is unchanged.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Can the bid form be made available in excel format.

Answer 1: Yes, email ikotlyar@a2gov.org to request the bid form in excel format. Respondents are responsible for confirming that it matches the final bid form.

Question 2: Is there an estimated cost of construction (for bonding purposes)?

Answer 2: The engineer's estimate for the project is \$2,000,000.

Question 3: Please confirm the following:

Who is responsible for the survey layout?

Who will be performing the onsite inspection? City/Third Party Inspection

Who is responsible and what company will be performing density testing?

Answer 3: The survey layout will be performed by the City of Ann Arbor.
The onsite inspection for this project is not determined at this moment.
The density testing will be performed by PSI.

Question 4: Confirm temporary tie-ins to the existing water to be abandoned and removed are not required between phases. If required, please specify the temporary connection locations.

Answer 4: As it is specified in the plans:

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

Question 5: Are main water tie-ins required outside of the stand Mon.-Fri. standard working hours. If any do require special tie-in times or days of the week, please specify which ones and the requirements.

Answer 5: The Contractor required to obtain an approval from the City of Ann Arbor if the work to be performed outside the standard working hours. There are no special tie-ins identified in this project.

Question 6: In phase two of the project there will be multiple tie-ins to the University of Michigan water main. Will any of these connections require special coordination

to perform the shutdown. If required, please provide what should be included in our proposals.

Answer 6: The University of Michigan must be notified in advance of all service interruptions.

Question 7: There is proposed 12" storm sewer connecting to existing storm structures. How are the taps of these structures to be paid? If they are not incidental, can you please add pay items for the storm sewer taps that connect to existing structures.

Answer 7: The corresponding pay items have been added to the Schedule of Pricing / Cost.

Question 8: The project schedule detailed special provision notes the project is to be split into three phases. The MOT plans provided only show the traffic patterns and signage needed to close the entire project area. Can MOT plans please be provided for each phase and required signage?

Answer 8: This is a typical MOT plan for a residential area within the City of Ann Arbor. It is up to the Contractor to properly address road closures in coordination with local traffic and active construction phasing. The plan provided is the general MOT plans, the details for each phase to be proposed by the contractor.

Question 9: How are temporary MOT items being quantified and paid between phases? Will Type III barricades, barrels, channelizer cones, be paid for each phase/mobilization of work. Will Sign, Type B, Temp be paid for each phase/mobilization of work.

Answer 9: Yes

Question 10: Is MDOT Class II Limestone Sand acceptable for this project?

Answer 10: No

Question 11: The typical proposed cross sections show, Subbase 10 In, Class II, CIP. There is not a pay item in the proposal for Subbase 10 In, Class II, CIP. How is this item to be paid?

Answer 11: The sand subbase to be removed from the drawing, the revised cross sections are re-issued.

Question 12: It was discussed in the pre bid meeting that the intent is to only provide a new aggregate section within a utility trench.

Answer 12: We have consistently been showing a full aggregate section under the side of the street with the utility. The other side is going to be a call during construction as to what remains and what condition the existing base is. DS_Aggregate Base Conditioning to be used on the resurfacing side of the street.

Question 13: Will some of the roads require the cross section as shown? I.e. The intersection of N. State Street.

Answer 13: State Street will have brick sections, 22' x 30' HMA (like section shown) for water tie-in, and concrete for crosswalk.

Question 14: How is the aggregate under the proposed curb paid?

Answer 14: It will be paid as 8" Agg Base.

Question 15: The plans depict new curb in areas where a complete road section is not being installed.

Is there a minimum distance required to be excavated into the road? How is this excavation being paid?

Answer 15: This is within the storm replacement and curb removal area on Kingsley just west of N State St.

Whatever the influence of the appropriate MIOSHA trench is for the soils and per City of Ann Arbor Standards. This excavation is to be paid as part of the storm sewer installation

Question 16: Standard bid Item "10051.00 Irrigation System, Protection and Preserving" is a lump sum item. How are the contractors supposed to assume what this value will be? Can this bid item be removed and replaced with standard bid item "10050.00 Underground Sprinkling System, Restore?" This would allow the city to assign a dollar amount to the bid form for this work, making it equal for all bidding contractors

Answer 16: No

Question 17: Please define the payment limits for "Machine Grading.

Answer 17: The definition of the Machine Grading pay item is per City of Ann Arbor Standard Specifications.

Question 18: How are the limits of DS_Aggregate Base Conditioning measured?

Answer 18: The side opposite the trench (resurfacing side). This is going to be decided during construction as to what remains and what is the condition the existing base.

Question 19: The special provision for DS_Aggregate Base Conditioning notes additional aggregate added as directed by the engineer. The existing pavement section varies throughout the entire project based on the provided cores. It will be nearly impossible to prove quantity on a SY measurement.

Answer 19: The pay item of "Aggregate Base Course, 21AA, CIP" CYD has been added to the Schedule of Pricing / Cost

Question 20: I did not see a pay item for HMA hand patching.

Answer 20: The pay item of "Hand Patching" has been added to the Schedule of Pricing / Cost

Question 21: Are the aggregate(s), pavement replacement(s) and / or turf restoration(s) as required for temporary line stop installation incidental to the line stop pay item or will they be paid for separately? See question 20 above regarding HMA hand patching as it may apply?

Answer 21: All the work is included in the corresponding pay item, please refer to the City of Ann Arbor Standard Specifications. Pavement restoration will be paid for separately.

Question 22: Recent City of Ann Arbor projects have interpreted and clarified what structures are required to have external chimney seals. For this project please confirm which proposed and existing structures require external chimney seals.

Answer 22: The new structures to have chimney seals per standard detail.

Question 23: The proposal contains structure adjust bid items for the existing sanitary, storm, and water main items. Should a pay item for Sanitary Cover and Water Cover be added with a quantity to match the number of estimated adjustments?

Answer 23: Covers are included in with new structures, but those structures also need final adjustment. Existing structures to remain may need new covers and adjustment.

Question 24: Please provide a MINIMUM length that will be paid for a short side water service transfer. The method of payment for "Excavate and Backfill for Water Service Tap and Lead" is written such that short side transfers are impossible to price in a manner that is fair to the City and the Contractor. (See Article 11, Section OO, Item 12 – Last Sentence (Page 11-40)).

Answer 24: The length of 5 feet will be paid per short side service transfer.

Question 25 Please confirm what length, if any, of water main pipe abandonment are required to be flow filled for this project. Is it only in the MDOT ROW?

Answer 25: We are not going into the MDOT ROW. Per City of Ann Arbor Standard Specifications, no water pipes on this project are large enough to flow fill.

Question 26: Will all composite pavement, HMA over Concrete and HMA over Brick, be paid for as Concrete Pavt, Any Thickness, Rem?

Answer 26: Yes. Please see below:

3. Composite pavement will be paid for as "Concrete Pavt, Any Thickness, Rem" based on the area of pavement removed, regardless of thickness.
4. Payment for pay items "HMA, Any Thickness, Rem", "HMA, Surface, Rem", "HMA Patch, Rem", "Concrete Pavt, Any Thickness, Rem", and "Sidewalk, Sidewalk Ramp, & Driveway Approach, Any Thickness, Rem" will be based on the area of pavement, sidewalk, or drive removed. The removal area shall be based upon the average length and width measurements as determined in the field by the PSAA.
5. "HMA Surface, Rem" will be measured by the area in square yards and would typically be used for removing all the HMA surface from a composite road.

Question 27: Please clarify when / where "Aggregate Base, 6", 21AA, CIP" will be utilized / paid.

Answer 27: Mostly under the driveways and under the brick section.

Question 28: Will City trim the trees prior to the start of construction?

Answer 28: Yes, contractor to let City of Ann Arbor know the area that needs to be trimmed.

Question 29: There is a discrepancy in the HMA pavement removal as shown from the plans vs. the pay items. In the plan cross section, it calls for Pavement Removal Paid as, "HMA Surface Remove." The only pay items are HMA, Any Thickness, Rem and Concrete Pat, Any thickness Removed. Should the profile be changed to Pavement Removal Paid as, "HMA, Any Thickness, Rem or Concrete Pavt, Any Thickness Removed?"

Answer 29: Yes, the revised cross sections have been added.

Question 30: Most of the curb in the project has an HMA overlay. Can you please confirm what item the curb overlay will be paid for and how it will be measured?

Answer 30: "HMA, Any Thickness, Rem"

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.

E. Schedule of Pricing/Cost – 20 Points

Company: _____

Project: Ingalls Kingsley Water Main project

File #: 2025-012

RFP #: 26-12

ITEM NUMBER	LEGEND	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
General					
01000.00	General Conditions, Max. \$ 150,000	LS	1	\$ _____	\$ _____
01001.00	Project Supervision, Max. \$ 100,000	LS	1	\$ _____	\$ _____
01002.00	Project Clean-Up and Restoration	LS	1	\$ _____	\$ _____
01003.00	Digital Audio Visual Coverage	LS	1	\$ _____	\$ _____
01021.00	Erosion Control, Inlet Protection, Fabric Drop	Ea	50	\$ _____	\$ _____
01030.00	Tree Protection Fence	Ft	2,000	\$ _____	\$ _____
01040.00	Minor Traffic Control, Max. \$ 50,000	LS	1	\$ _____	\$ _____
01041.00	Traffic Regulator Control	LS	1	\$ _____	\$ _____
01050.00	Sign, Type B, Temp, Prismatic, Furn & Oper	Sft	1,500	\$ _____	\$ _____
01051.00	Sign, Type B, Temp, Prismatic, Special, Furn & Oper	Sft	200	\$ _____	\$ _____
01052.00	Temporary "No Parking" Sign	Ea	60	\$ _____	\$ _____
01070.00	Sign, Portable, Changeable Message, Furn & Oper	Ea	4	\$ _____	\$ _____
01080.00	Plastic Drum, High Intensity, Lighted, Furn & Oper	Ea	60	\$ _____	\$ _____
01081.00	Channelizer Cone, High Intensity, 42 In., Furn & Oper	Ea	100	\$ _____	\$ _____
01091.00	Barricade, Type III, High Intensity, Lighted, Furn & Oper	Ea	50	\$ _____	\$ _____
01100.00	Pedestrian Type II Barricade, Temp, Furn & Oper	Ea	30	\$ _____	\$ _____
01101.00	Pedestrian Channelizer Device, Furn & Oper	Ea	50	\$ _____	\$ _____
01102.00	Temporary Pedestrian Ramp, Furn & Oper	Ea	10	\$ _____	\$ _____
01103.00	Temporary Pedestrian Mat, Furn & Oper	Ft	150	\$ _____	\$ _____
Removals					
02000.01	Tree, Rem, 6 In. - 12 In.	Ea	3	\$ _____	\$ _____
02020.00	HMA, Any Thickness, Rem	Syd	12,000	\$ _____	\$ _____
02025.00	Concrete Pavt, Any Thickness, Rem	Syd	3,000	\$ _____	\$ _____
02030.00	Curb, Gutter, and Curb and Gutter, Any Type, Rem	Ft	2,250	\$ _____	\$ _____
02040.00	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any T Sft		5,300	\$ _____	\$ _____
Earthwork					
03001.00	Machine Grading, Kingsley-Ingalls	Syd	13,000	\$ _____	\$ _____
03022.00	Subgrade Undercutting, Type III	Cyd	100	\$ _____	\$ _____
03030.01	Exploratory Excavation, SD-TD-1, (0-10' Deep)	Ea	10	\$ _____	\$ _____
Sanitary Sewer					
04014.01	6 In., SDR 26 PVC Sanitary Service Lead, SD-TD-2	Ft	100	\$ _____	\$ _____
04060.00	Sanitary Structure Cover	Ea	17	\$ _____	\$ _____
04061.00	Sanitary Structure Cover, Adjust	Ea	17	\$ _____	\$ _____
Storm and Drainage					
06000.01	12 In., CL IV RCP Storm Sewer, SD-TD-1	Ft	1,024	\$ _____	\$ _____
06000.02	15 In., CL IV RCP Storm Sewer, SD-TD-1	Ft	200	\$ _____	\$ _____
06030.04	Storm Sewer Tap, 12 In. Dia.	Ea	15	\$ _____	\$ _____
06030.05	Storm Sewer Tap, 15 In. Dia.	Ea	7	\$ _____	\$ _____
06050.01	Storm Manhole, 48 In. Dia. (0-8' deep)	Ea	4	\$ _____	\$ _____
06060.01	Storm Inlet-Junction, 36 In. Dia., (0-8' deep)	Ea	1	\$ _____	\$ _____
06070.01	Storm Single Inlet, 24 In. Dia., (0-8' deep)	Ea	21	\$ _____	\$ _____
06070.02	Storm Single Inlet, 24 In. Dia., Additional Depth	Ft	2	\$ _____	\$ _____
06080.01	Storm High Capacity Inlet, 48 In. Dia., (0-8' deep)	Ea	8	\$ _____	\$ _____
06100.01	Storm Manhole Over Existing ("Doghouse"), 48 In. Dia.	Ea	4	\$ _____	\$ _____
06110.03	Storm Sewer Pipe, 12 In. Dia., Abandon	Ft	500	\$ _____	\$ _____
06120.03	Storm Sewer Pipe, 12 In. Dia., Rem	Ft	400	\$ _____	\$ _____
06130.00	Storm Sewer Structure, Abandon	Ea	1	\$ _____	\$ _____
06140.00	Storm Sewer Structure, Rem	Ea	13	\$ _____	\$ _____
06150.00	Storm Sewer Drop Structure, Rem	Ea	16	\$ _____	\$ _____
06160.01	Storm Structure Cover	Ea	10	\$ _____	\$ _____
06160.02	Storm Structure Cover, Adjust	Ea	10	\$ _____	\$ _____
06181.02	Underdrain, Subbase, 6 In.	Ft	1,200	\$ _____	\$ _____
TOTAL THIS PAGE (BF-1)					\$ _____

E. Schedule of Pricing/Cost – 20 Points

Company:

Project: Ingalls Kingsley Water Main project

File #: 2025-012

RFP #: 26-12

ITEM NUMBER	LEGEND	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
Water Mains					
07000.01	4 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	13	\$	\$
07000.02	6 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	121	\$	\$
07000.03	8 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	214	\$	\$
07000.05	12 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	3,450	\$	\$
07010.03	6 In. 22.5° DIP Bend	Ea	2	\$	\$
07011.02	8 In. 45° DIP Bend	Ea	4	\$	\$
07011.03	8 In. 22.5° DIP Bend	Ea	4	\$	\$
07011.04	8 In. 11.25° DIP Bend	Ea	1	\$	\$
07013.02	12 In. 45° DIP Bend	Ea	33	\$	\$
07013.03	12 In. 22.5° DIP Bend	Ea	12	\$	\$
07013.04	12 In. 11.25° DIP Bend	Ea	3	\$	\$
07020.02	8 In. X 4 In. DIP Reducer	Ea	1	\$	\$
07020.03	8 In. X 6 In. DIP Reducer	Ea	8	\$	\$
07020.07	12 In. X 4 In. DIP Reducer	Ea	2	\$	\$
07020.08	12 In. X 6 In. DIP Reducer	Ea	8	\$	\$
07020.09	12 In. X 8 In. DIP Reducer	Ea	2	\$	\$
07030.06	8 In. X 8 In. X 8 In. DIP Tee	Ea	3	\$	\$
07030.11	12 In. X 12 In. X 4 In. DIP Tee	Ea	1	\$	\$
07030.13	12 In. X 12 In. X 8 In. DIP Tee	Ea	6	\$	\$
07030.15	12 In. X 12 In. X 12 In. DIP Tee	Ea	9	\$	\$
07050.70	Gate Valve in Box, 4 In.	Ea	1	\$	\$
07050.04	Gate Valve in Box, 12 In.	Ea	1	\$	\$
07060.01	Gate Valve in Well, 6 In.	Ea	1	\$	\$
07060.02	Gate Valve in Well, 8 In.	Ea	3	\$	\$
07060.04	Gate Valve in Well, 12 In.	Ea	13	\$	\$
07080.00	Excavate & Backfill For Water Service Tap and Lead	Ft	1,000	\$	\$
07090.00	Water Structure Cover	Ea	2	\$	\$
07091.00	Water Structure Cover, Adjust	Ea	2	\$	\$
07100.00	Fire Hydrant Assembly, Complete	Ea	6	\$	\$
07101.00	Fire Hydrant, Extension	Ft	2	\$	\$
07102.00	Fire Hydrant Assembly, Rem	Ea	6	\$	\$
07110.01	Sacrificial Anode, 17-pound	Ea	10	\$	\$
07110.02	Sacrificial Anode, 32-pound	Ea	6	\$	\$
07120.00	Gate Box, Adjust	Ea	1	\$	\$
07121.00	Curb Box, Adjust	Ea	20	\$	\$
07130.01	Temporary Water Main Line Stop, 8 In. or less	Ea	12	\$	\$
07131.00	Temporary Water Main Line Stop, Additional Rental Day	Ea	10	\$	\$
07140.01	Water Main Pipe, 4 In. Dia., Abandon	Ft	484	\$	\$
07140.02	Water Main Pipe, 6 In. Dia., Abandon	Ft	3,120	\$	\$
07140.03	Water Main Pipe, 8 In. Dia., Abandon	Ft	38	\$	\$
07160.01	Gate Valve in Box, 4 In. Dia., Abandon	Ea	3	\$	\$
07160.02	Gate Valve in Box, 6 In. Dia., Abandon	Ea	10	\$	\$
07170.01	Gate Valve in Box, 4 In. Dia., Rem	Ea	3	\$	\$
07170.02	Gate Valve in Box, 6 In. Dia., Rem	Ea	2	\$	\$
07170.05	Gate Valve in Box, 12 In. Dia., Rem	Ea	1	\$	\$
07190.02	Gate Valve in Well, 6 In. Dia., Rem	Ea	4	\$	\$
Streets, Driveways, & Sidewalks					
08000.00	Subbase, CIP	Cyd	200	\$	\$
08010.00	Aggregate Base Course, 21AA, CIP	Cyd	150	\$	\$
08010.02	Aggregate Base, 6 In., 21AA, CIP	Syd	250	\$	\$
08010.03	Aggregate Base, 8 In., 21AA, CIP	Syd	12,500	\$	\$
08060.00	Hand Patching	Syd	200	\$	\$
08010.70	DS_Aggregate Base Conditioning	Syd	6,000	\$	\$
08070.14	HMA, 4EL	Ton	2,650	\$	\$
08071.00	HMA Approach	Ton	10	\$	\$
08100.03	Conc Pavt With Integral Curb, Non-Reinf, 8 In.	Syd	571	\$	\$
08110.00	Conc, Curb or Curb & Gutter, All Types	Ft	2,250	\$	\$
08120.03	Conc, Driveway Opening, Type M, High Early	Ft	400	\$	\$
TOTAL THIS PAGE (BF-2)					\$

E. Schedule of Pricing/Cost – 20 Points

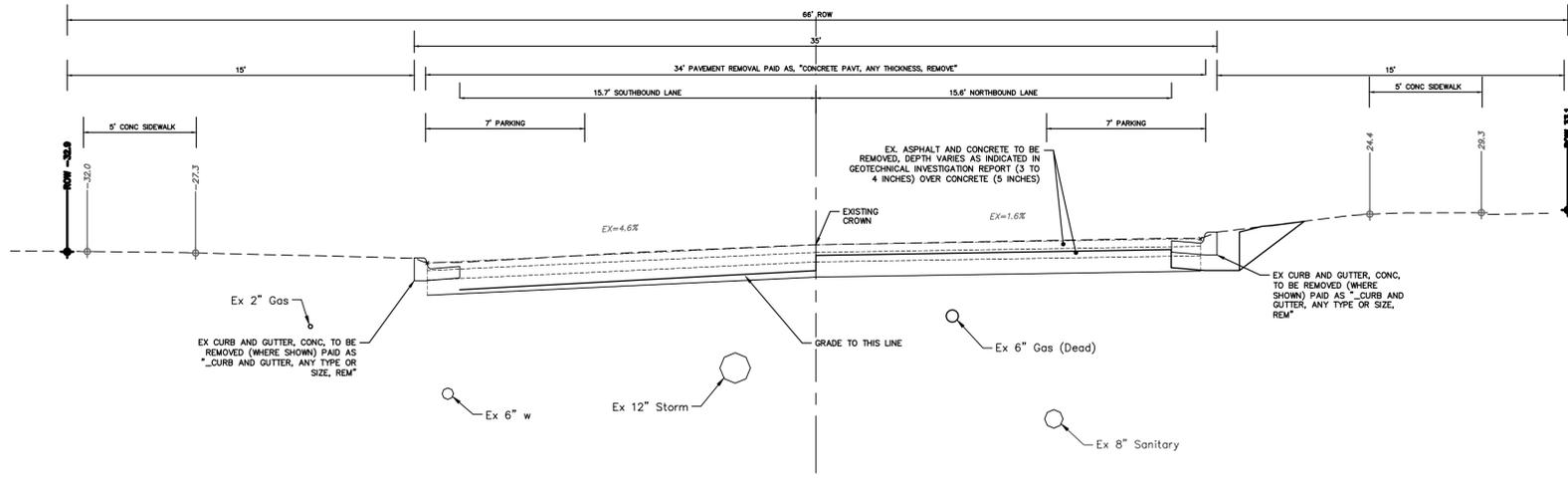
Company: _____

Project: Ingalls Kingsley Water Main project

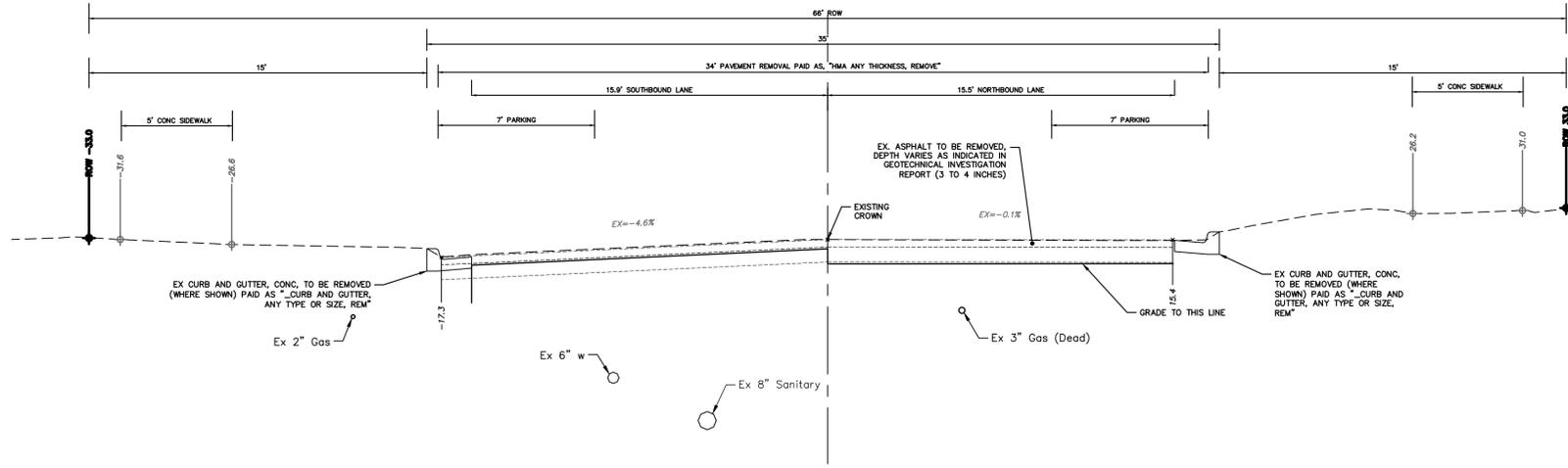
File #: 2025-012

RFP #: 26-12

ITEM NUMBER	LEGEND	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
Streets, Driveways, & Sidewalks (Continued)					
08131.01	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.	Sft	3,336	\$	\$
08132.01	Conc, Sidewalk, Drive Approach, or Ramp, 6 In., High Ear	Sft	1,284	\$	\$
08140.00	Brick Pavers, Sidewalk, Rem and Reinstall	Sft	5,136	\$	\$
08150.00	Detectable Warning Surface	Ft	170	\$	\$
08190.02	Pavt Mrkg, Polymer Cement Surface, Bike, Small Sym	Ea	4	\$	\$
08190.03	Pavt Mrkg, Polymer Cement Surface, Bike Thru Arrow Syr	Ea	4	\$	\$
08190.06	Pavt Mrkg, Polymer Cement Surface, Bike Lane Green	Sft	733	\$	\$
08190.71	DS_Pavt Mrkg, Polymer Cement Surface, 6 In., Dotted, V	Ft	83	\$	\$
08190.72	DS_Pavt Mrkg, Polymer Cement Surface, 24 inch, Stop Ba	Ft	10	\$	\$
08200.05	Pavt Mrkg, Polyurea, 12 In., Cross Hatching, White	Ft	9	\$	\$
08200.07	Pavt Mrkg, Polyurea, 12 In., Crosswalk	Ft	1,335	\$	\$
08200.09	Pavt Mrkg, Polyurea, 24 In., Stop Bar	Ft	181	\$	\$
08200.13	Pavt Mrkg, Polyurea, 6 In., White	Ft	143	\$	\$
08200.14	Pavt Mrkg, Polyurea, 6 In., Yellow	Ft	4,546	\$	\$
08251.00	Recessing Pavt Mrkg, Longit	Ft	4,546	\$	\$
08252.00	Recessing Pavt Mrkg, Transv	Sft	3,045	\$	\$
08300.00	Monument Box, Adjust	Ea	9	\$	\$
Lighting and Electrical					
09011.01	Conduit, Schedule 80 PVC, 2 In., Qty 2	Ft	500	\$	\$
09030.01	Handhole Assembly, 17 In. X 30 In. x 18 In.	Ea	6	\$	\$
Landscaping					
10051.00	Irrigation System, Protection and Preserving	LS	1	\$	\$
10060.00	Turf Restoration	Syd	952	\$	\$
TOTAL THIS PAGE (BF-3)					\$
TOTAL FROM PAGE BF-1					\$
TOTAL FROM PAGE BF-2					\$
TOTAL BASE BID					\$



**E KINGSLEY STREET
TYPICAL EXISTING SECTION**
N DIVISION ST TO N STATE ST
N.T.S.



**E KINGSLEY STREET
TYPICAL EXISTING SECTION**
DETROIT ST TO N DIVISION ST
N.T.S.



REV.	DATE	DESCRIPTION
01	02-18-26	A2D
00	01-30-26	A2D
		DRAWN
		CHECKED

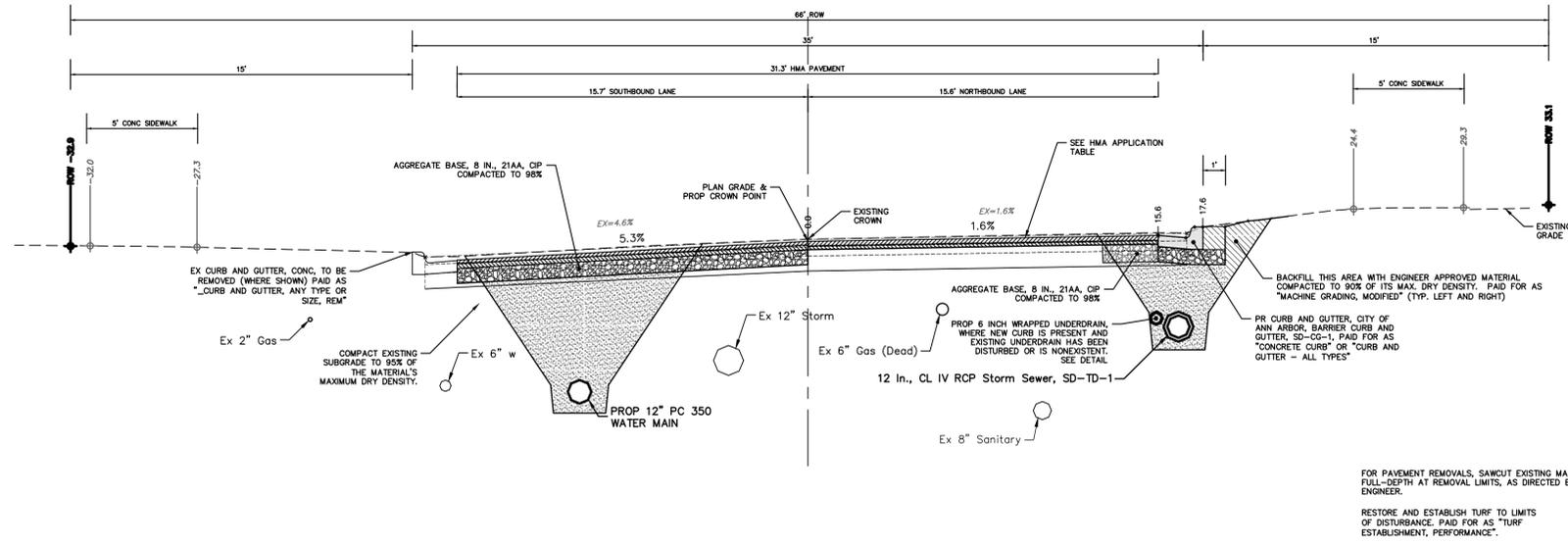
CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR, MI 48106-8647
734.794.4410
www.a2gov.org



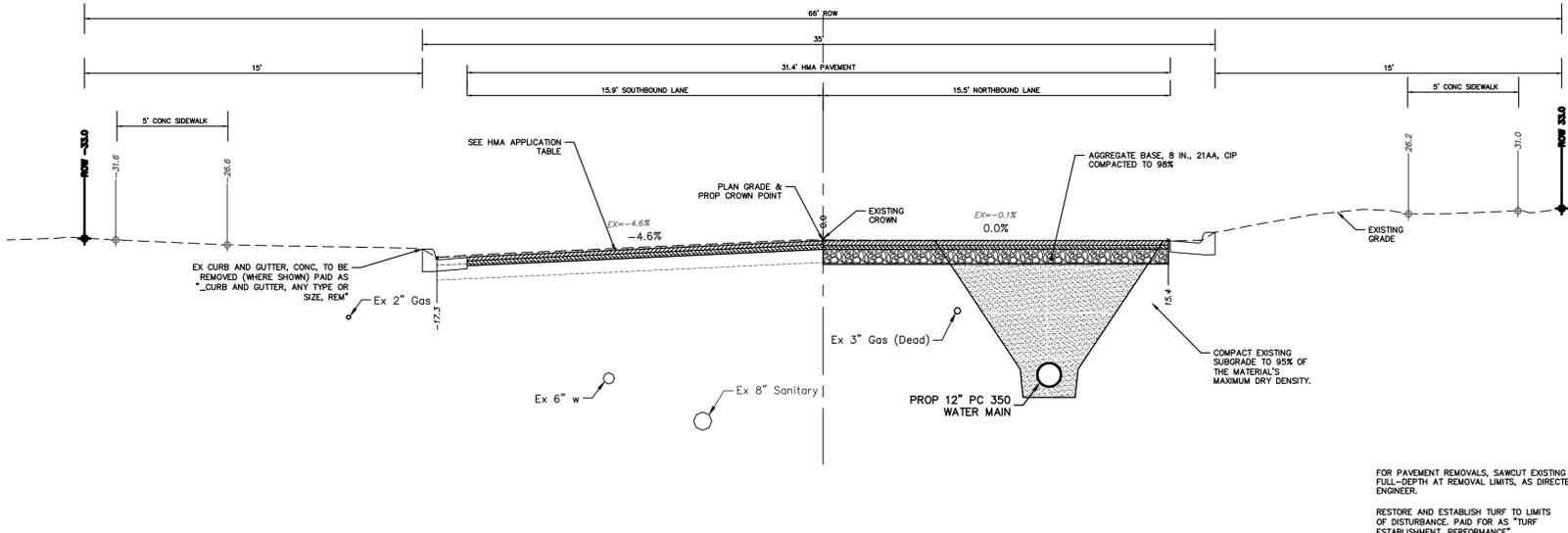
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
E KINGSLEY ST - EXISTING

SCALE PLAN: 1" = 4'
DRAWING No. 2025012-5

R:\2025012 Ingalls Kingsley WM Rsurf\Plan Production\2025012Tscn.dwg Dwg Created: 30-Jan-26 --_a2 standard bw.stb -- Plot Date: 18-Feb-26



**E KINGSLEY STREET
TYPICAL PROPOSED SECTION**
N DIVISION ST TO N STATE ST
N.T.S.



**E KINGSLEY STREET
TYPICAL PROPOSED SECTION**
DETROIT ST TO N DIVISION ST
N.T.S.

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD				INCLUDE IN COST OF HMA ITEM



REV.	DATE	DESCRIPTION
01	02-18-26	A2D
00	01-30-26	A2D

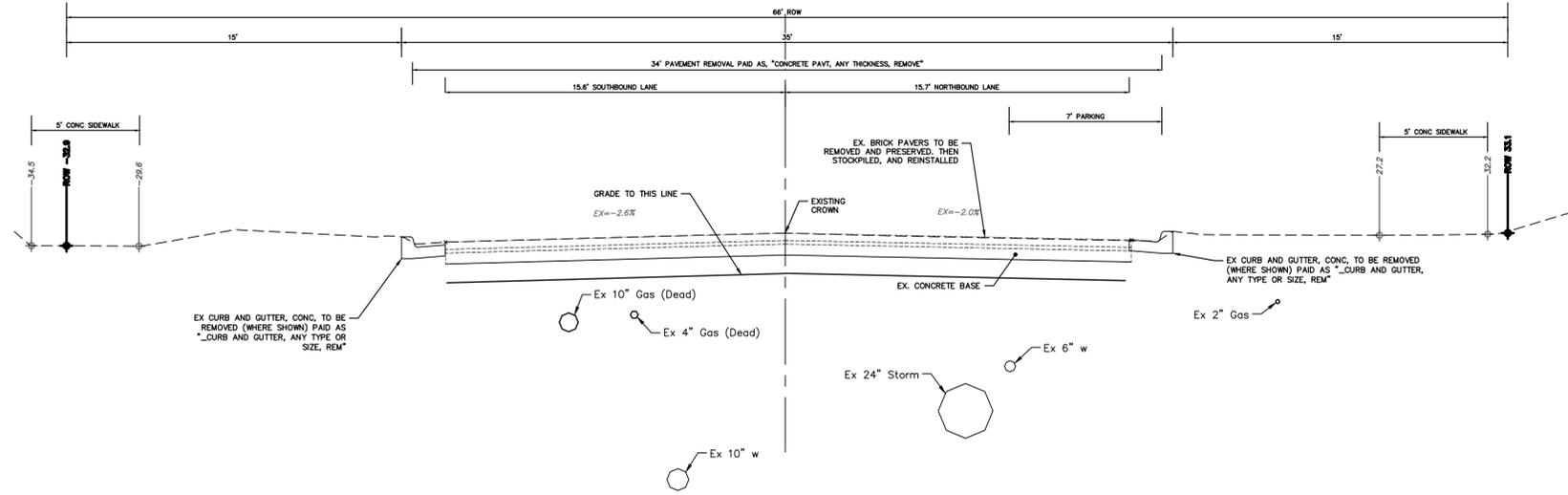
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ANN ARBOR, MI 48106-8647
www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
E KINGSLEY ST - PROPOSED

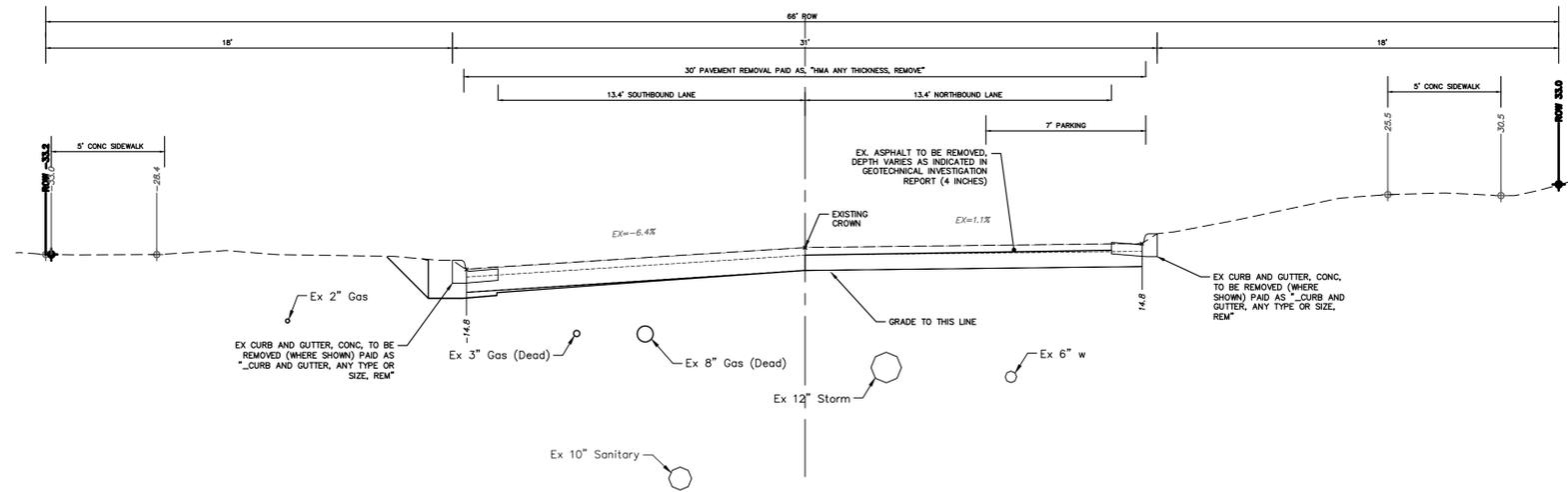
SCALE PLAN: 1" = 4'
DRAWING No. 2025012-6
SHEET No.

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**N STATE STREET
TYPICAL EXISTING SECTION**

N.T.S.



**E KINGSLEY STREET
TYPICAL EXISTING SECTION**

N STATE ST TO N INGALLS ST
N.T.S.



01	ADDENDUM NO. 1	02-18-26	A2D	IVK	CHECKED
00	OUT FOR BID	01-30-26	A2D	IVK	DRAWN
	REV.	DATE			

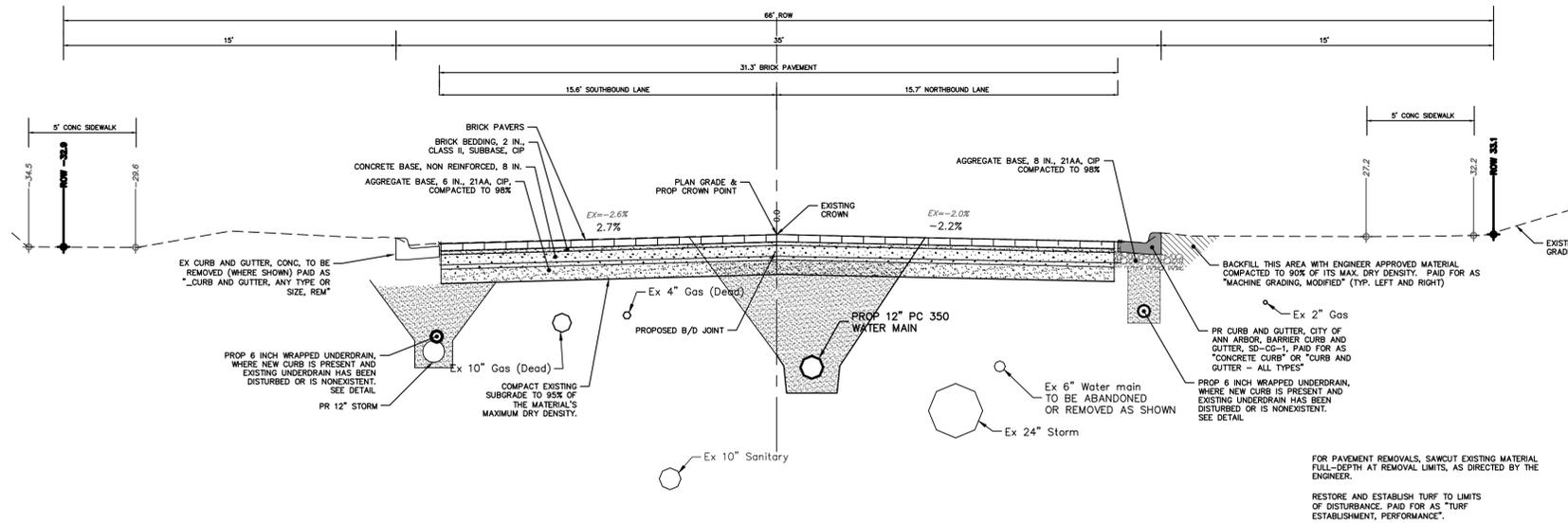
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INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
E KINGSLEY & N STATE ST - EXISTING

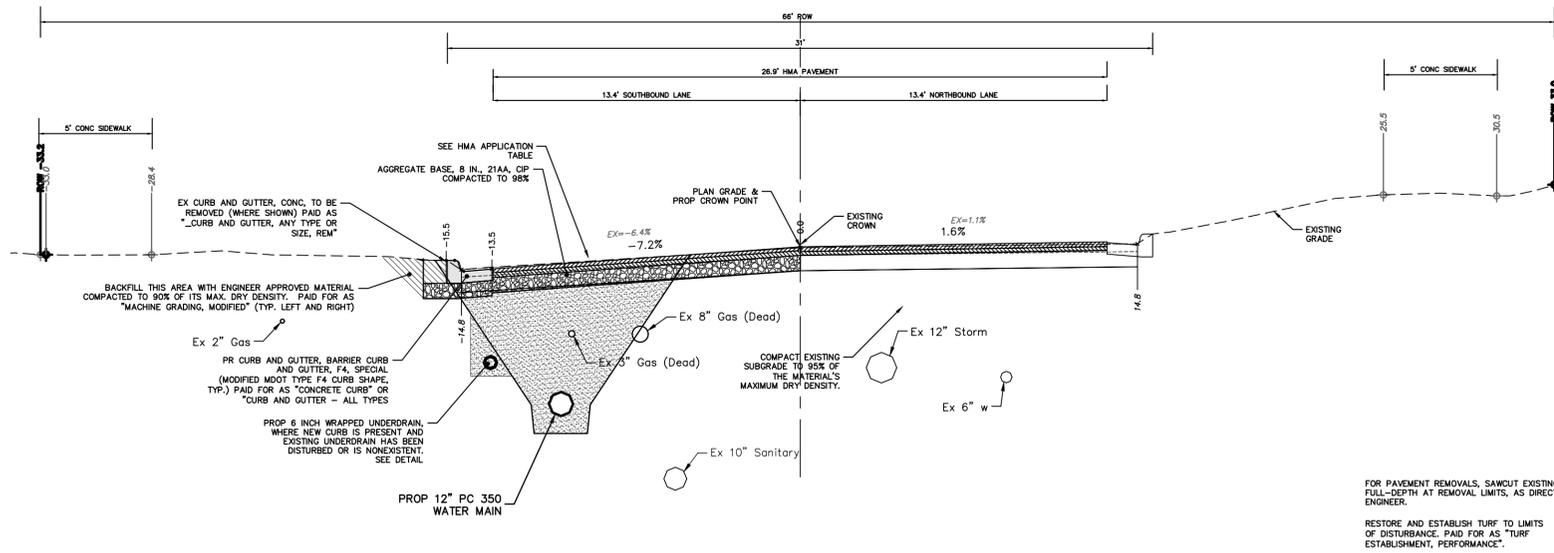
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DRAWING No. 2025012-7

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**N STATE STREET
TYPICAL PROPOSED SECTION**

N.T.S.



**E KINGSLEY STREET
TYPICAL PROPOSED SECTION**

N STATE ST TO N INGALLS ST
N.T.S.

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD				INCLUDE IN COST OF HMA ITEM



Know what's below. Call Before you dig.

REV.	DATE	DESCRIPTION
01	02-18-26	ADDENDUM NO. 1
00	01-30-26	OUT FOR BID

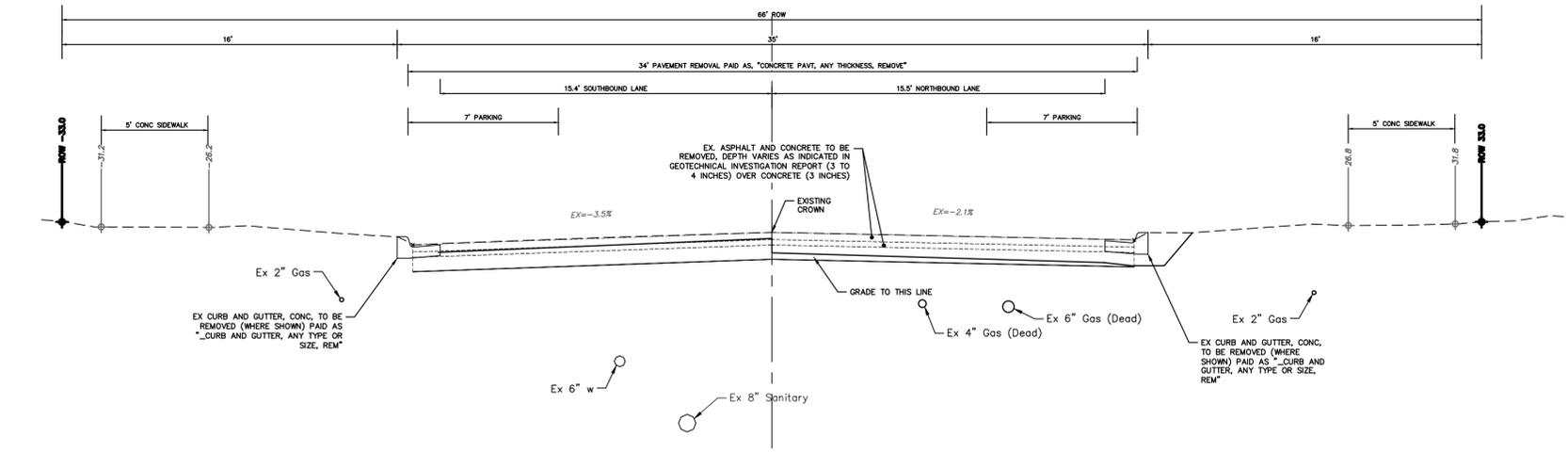
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INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
E KINGSLEY & N STATE ST - PROPOSED

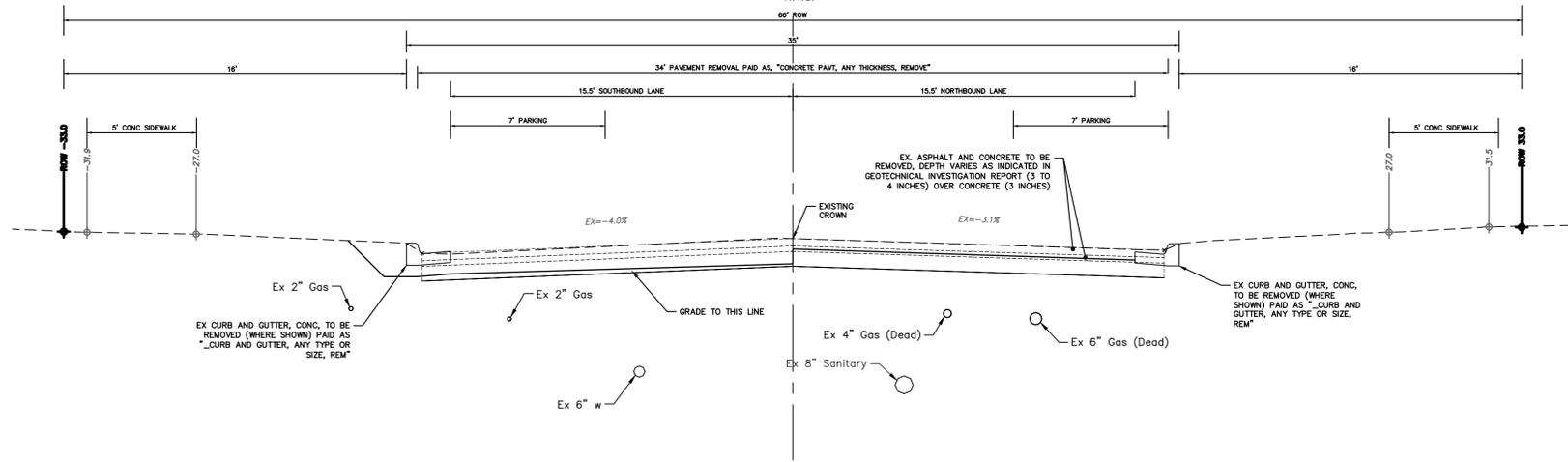
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**N INGALLS STREET
TYPICAL EXISTING SECTION**

E ANN ST TO CATHERINE ST
N.T.S.



**N INGALLS STREET
TYPICAL EXISTING SECTION**

E HURON ST TO E ANN ST
N.T.S.



01	ADDENDUM NO. 1	02-18-26	A2D	IVK	CHECKED
00	OUT FOR BID	01-30-26	A2D	IVK	DRAWN
					REV.

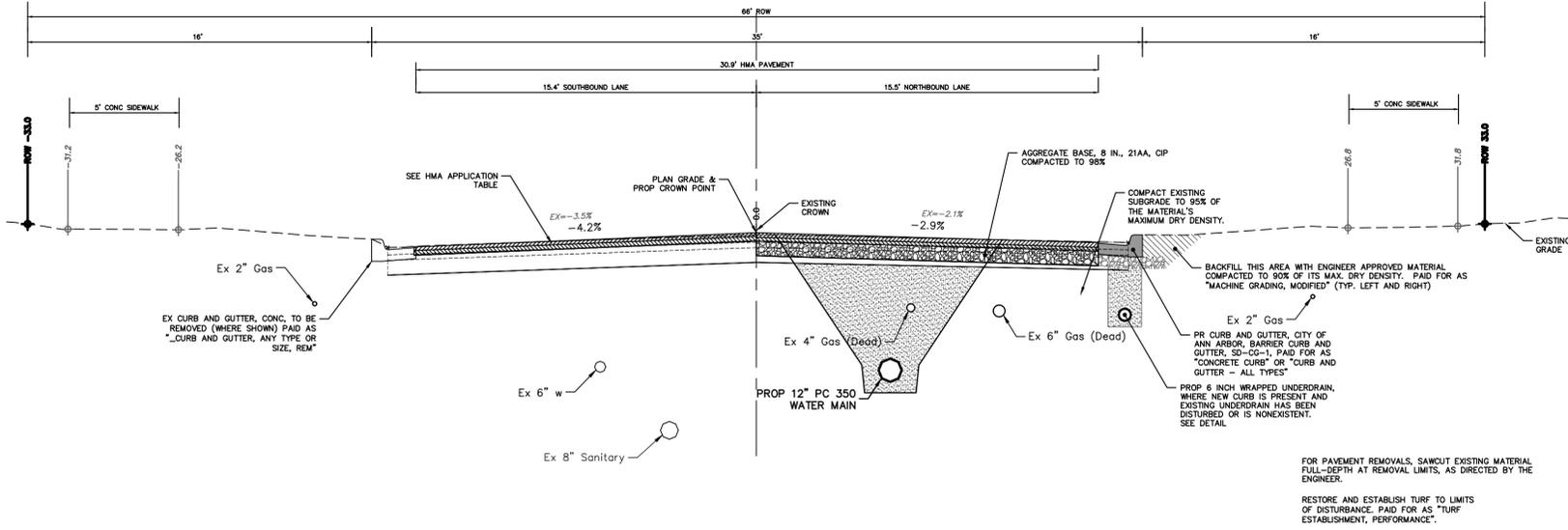
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TYPICAL SECTIONS
N INGALLS ST - EXISTING

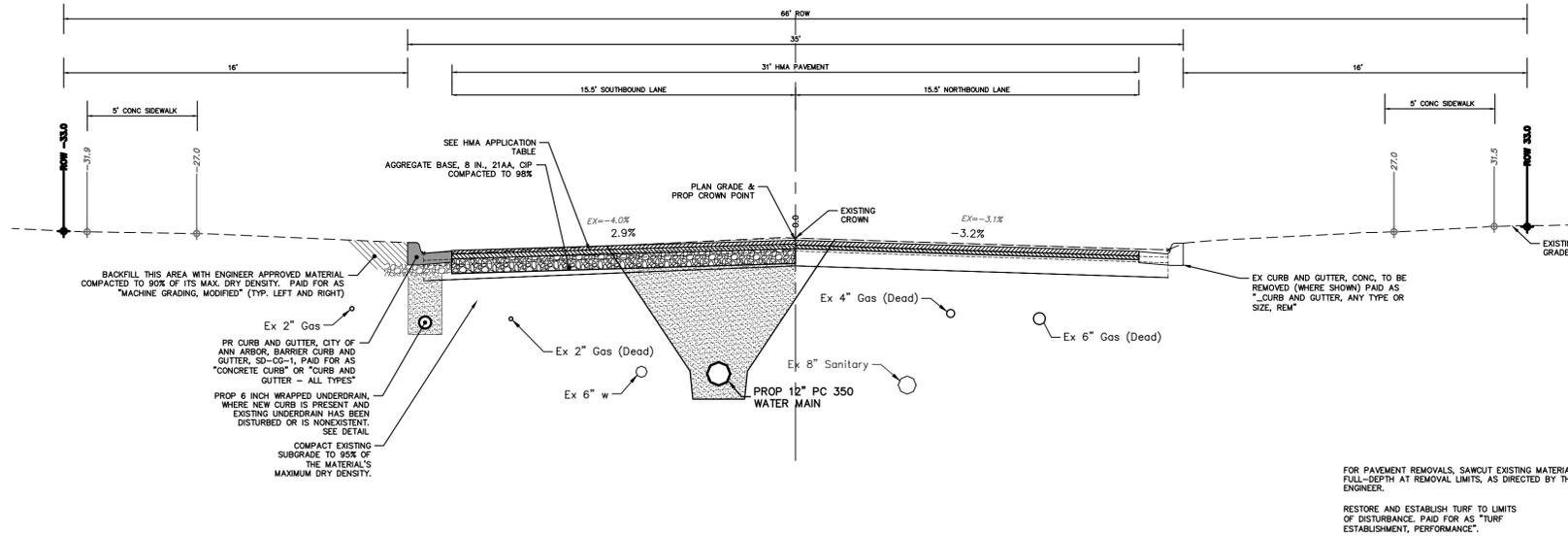
SCALE PLAN: 1" = 4'
DRAWING No.
2025012-9

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**N INGALLS STREET
TYPICAL PROPOSED SECTION**

E ANN ST TO CATHERINE ST
N.T.S.



**N INGALLS STREET
TYPICAL PROPOSED SECTION**

E HURON ST TO E ANN ST
N.T.S.

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD				INCLUDE IN COST OF HMA ITEM



Know what's below.
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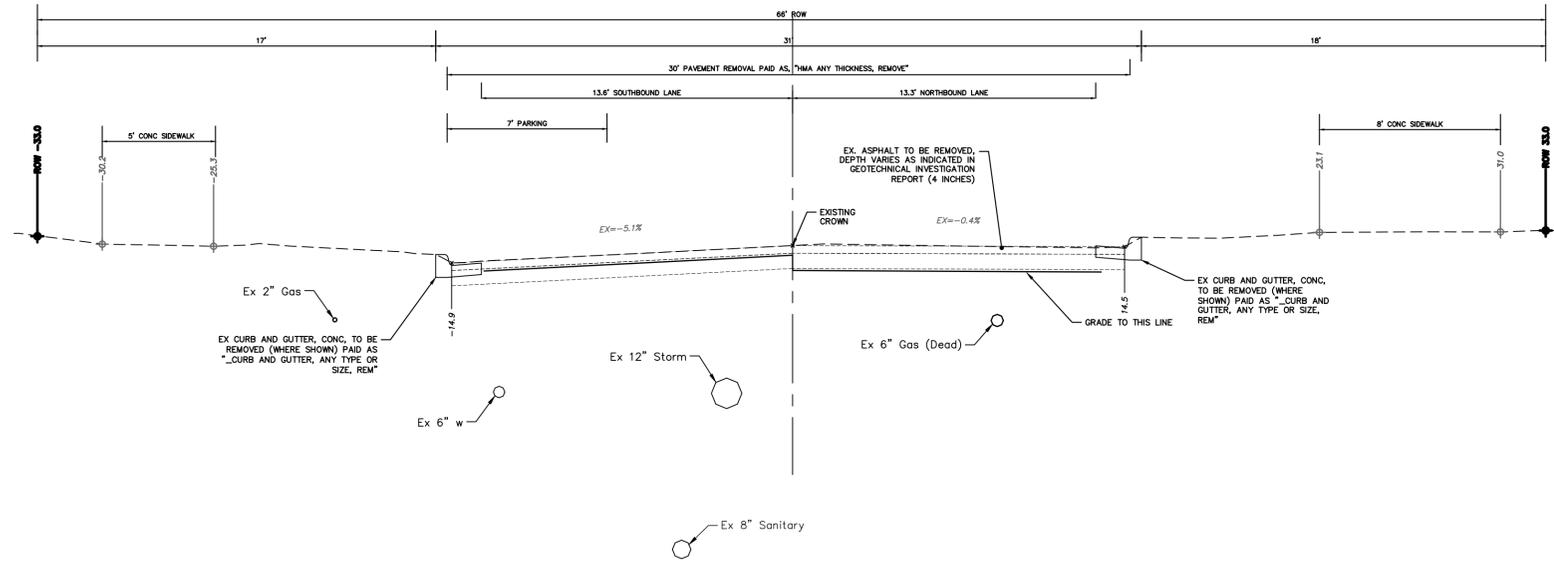
REV	DATE	DESCRIPTION
01	02-18-26	A2D
00	01-30-26	A2D

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INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
N INGALLS ST - PROPOSED

SCALE PLAN: 1" = 4'
DRAWING No. 2025012-10



**N INGALLS STREET
TYPICAL EXISTING SECTION**
CATHERINE ST TO E KINGSLEY ST
N.T.S.



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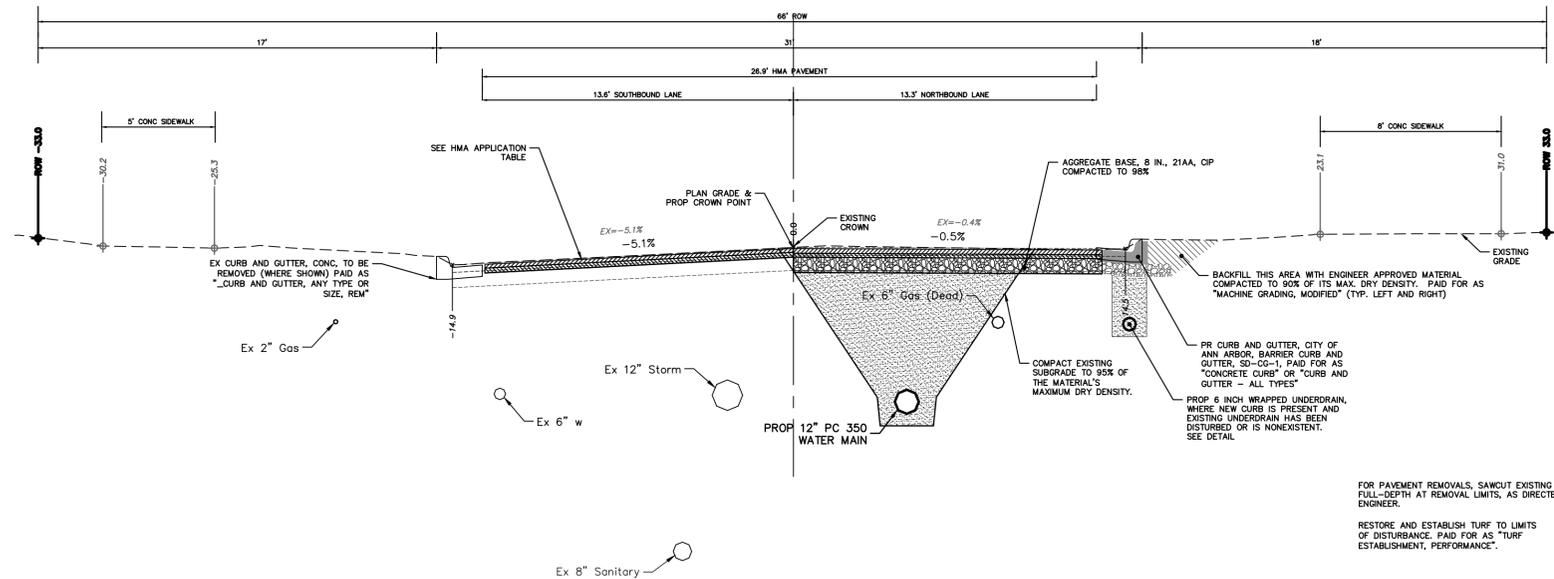


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INGALLS KINGSLEY WATER MAIN
TYPICAL SECTIONS
N INGALLS ST - EXISTING

SCALE PLAN: 1" = 4'
DRAWING No. 2025012-11

REV.	DATE	DESCRIPTION
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00	01-30-26	A2D
		DRAWN
		CHECKED

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**N INGALLS STREET
TYPICAL PROPOSED SECTION**
CATHERINE ST TO E KINGSLEY ST
N.T.S.

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD				INCLUDE IN COST OF HMA ITEM



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TYPICAL SECTIONS
N INGALLS ST - PROPOSED

SCALE PLAN: 1" = 4'
DRAWING No.
2025012-12

REV.	DATE	DESCRIPTION
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00	01-30-26	A2D
		DRAWN
		CHECKED