

ADDENDUM No. 1

RFP No. 26-20

Packard Water Main, Mallets Creek

Due Date: April 6, 2026 by 11:00 a.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 a total of 23 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 their review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

REQUEST FOR PROPOSAL:

Replace the original 3 pages (15-17) of section E. Schedule of Pricing/Cost – 20 Points provided in the RFP Document with the 3 pages provided in Addendum 1 (dated 03-30-26). There are some changes to the pay items and/or quantities:

Section/Page(s)

Change

Schedule of Prices

Quantity updates to reflect plan changes

New pay item:

- 7000.02 6 In., PC 350 DIP w/polywrap, SD-TD-1

Quantity change:

- 01050.00 Sign, Type B, Temp, Prismatic, Furn & Oper

- 01080.00 Plastic Drum, High Intensity, Lighted, Furn & Oper
- 01112.00 Pavt Mrkg Cover, Type R, Black
- 01127.00 Pavt Mrkg, Wet Reflective, Type R, Tape, 6 In., White, Temp
- 01128.00 Pavt Mrkg, Wet Reflective, Type R, Tape, 6 In., Yellow, Temp
- 02020.00 HMA, Any Thickness, Rem
- 02030.00 Curb, Gutter, and Curb and Gutter, Any Type, Rem
- 02040.00 Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
- 07000.03 8 In., PC 350 DIP w/polywrap, SD-TD-1
- 07000.05 12 In., PC 350 DIP w/polywrap, SD-TD-1
- 07004.04 14 In., HDPE Water Main, Directional Drill
- 07030.13 12 In. X 12 In. X 8 In. DIP Tee
- 07030.15 12 In. X 12 In. X 12 In. DIP Tee
- 07141.71 12" Plug and Cap
- 08010.03 Aggregate Base, 8 In., 21AA, CIP
- 08060.00 HMA Hand Patch
- 08070.14 HMA, 4EL
- 08120.01 Conc, Driveway Opening, Type M
- 08130.01 Conc, Sidewalk, 4 In.

Detailed Specification for Project Schedule and Payment

Replace with Detailed Specification for Project Schedule and Payment (dated 3/27/26)

CONSTRUCTION DRAWINGS:

Replace Plan Set in its entirety with the attached revised plan set. Informational corrections were made to several sheets along with changes to some of the pay items and/or quantities.

Section/Page(s)	Change
Sheet 2	Restoration section & HMA application table
Sheet 4	Added additional callout for barrels & adjusted quantity
Sheet 5	Expanded Traffic Control to the east for laydown area and additional signage added
Sheet 6	Removed callout for markings
Sheet 7	Expanded Traffic Control to the east for laydown area and additional signage added
Sheet 8	Additional pavement restoration for utility exploration & included area for valve abandonment in Phase 1 work
Sheet 9	Exploratory notes added and HDD made deeper
Sheet 10	To account for additional depth in HDD, the HDPE/DI connection was moved to the east and the ductile iron watermain was adjusted accordingly
Sheet 11	Additional restoration for exploratory excavations, and HMA includes area around valve to be abandoned, 01-08163

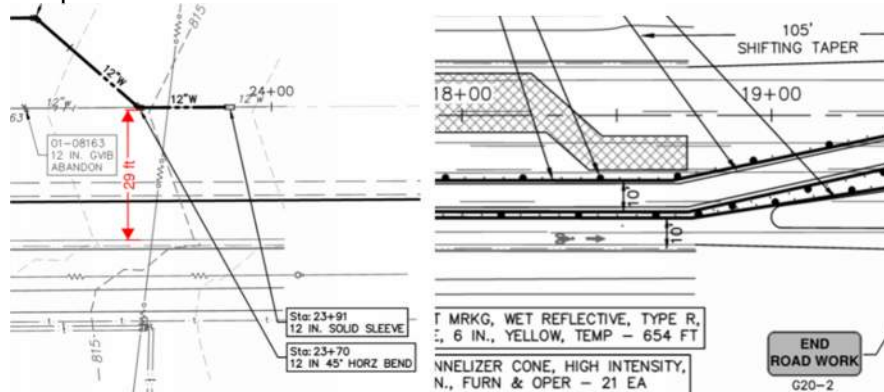
II. QUESTIONS AND ANSWERS

The following question has been received by the City. The response is being provided in accordance with the terms of the RFP. Bidders are directed to take note of the following questions and City responses in their review of the RFP as they affect work or details in other areas not specifically referenced here.

Question 1: The HDPE pipe will need to be fused prior to pulling through the bore. This will require a staging area slightly longer than the proposed bore. Please consider extending the PH1 MOT lane closure to the West 600 +/- feet to accommodate the pre-fused length of pipe.

Answer 1: The MOT for Phase 1 was extended an additional 350 feet east of the bore pit; the gas station needs to maintain access to the easterly driveway.

Question 2: The water main is shown to be connected and made live at the east end during phase 1 construction. There is approximately 29' of pavement from the edge of metal to the CL of the existing water main. The traffic control will require a width of 25' +/-, (10' lane/ 2.5' CL /10 lane/2.5' north edge of drum). Assuming the water main is in the exact location it leaves only 4' from the existing water main to the back side of the traffic control. This limited separation puts the safety of both the traveling public and construction crew at high risk. Please consider modifying the MOT to allow closure of the West bound traffic during the tie-in to safely perform the phase 1 water main connection.



Answer 2: The MOT was revised to clarify high intensity channelizer cones between the opposing vehicular traffic; this will allow for two 10-foot travel lanes.

Question 3: The existing 6" gas crosses the proposed water main at approximately station 18+00 per the plan view and is not depicted on the profile. This gas crossing will need to be exposed and verified prior to drilling. The removal and restoration plans do not show this pavement to be removed and replaced. How pavement removal and replacement to be paid for locating the existing gas elevation?

Answer 3: The gas main crossing was added on Sheet 9. See cross-section.

Question 4: The deepest provided soil borings only go to a depth of 10 feet. The proposed bore is over 20' deep. Is there any additional boring information available to the bidding contractors that go to a depth below the proposed bore? From prior experience on a job, 500 +/- feet away, the stratum of soil changes to sand with the static water table being at that elevation a few feet beneath the provided soil borings.

Answer 4: Additional soil boring information has been requested but is not available at this time but will be provided to the selected contractor after bidding.

Question 5: The proposed water main profile shows 18" separation from the existing sanitary mains. The proposed water main will need to be lowered at least 5'-10' to eliminate or limit potential damage to the existing sanitary sewer.

Answer 5: The HDD was lowered and additional separation was provided as shown in the plans.

Question 6: What is the material of the existing sanitary sewer mains. Are they both the same?

Answer 6: Both sewers are reinforced concrete.

Question 7: Have the existing sanitary sewer mains been lined?

Answer 7: No, however Ann Arbor records show that the sewer east of Mallets Creek (Sanitary Main: 74-62690) is recommended for future lining.

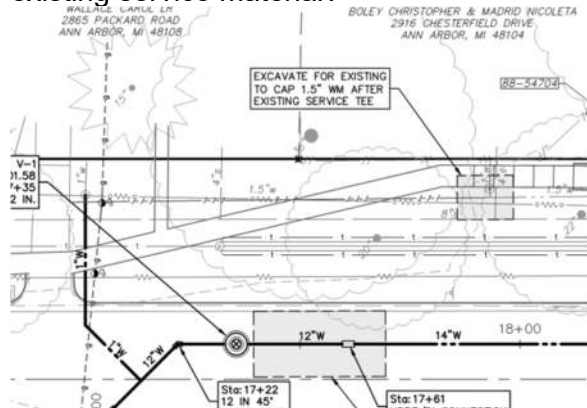
Question 8: Are there available inspection or video reports for each sanitary sewer main available to be shared with the bidding contractors?

Answer 8: The latest sewer videos and reports can be provided upon request. please email Al Loebach aloebach@A2gov.org

Question 9: Will the city perform pre-and-post video inspection of the sanitary sewer?

Answer 9: Both sewers were televised within the last 5 years so no additional inspection will be performed. The City does not plan on performing a post-construction inspection at this time.

Question 10: Please confirm if the contractor or City Field Services department will cap the existing water service. If the contractor is to perform the capping what is the existing service material?



Answer 10: The contractor is to excavate, cut and cap the water service. Material is listed as cast iron; this may be galvanized. The City of Ann Arbor will investigate with Public Works.

Question 11: Please provide the proposed road restoration cross section.

Answer 11: The proposed pavement cross section has been added to the plans.

Question 12: How is the sand subbase for the proposed sidewalk to be paid? Will a CLII CIP work item be added?

Answer 12: The pay item for "Subbase, CIP" has been added to the project.

- Question 13: If line stops are to shut down the existing water main are outside of the existing closure how will the modifications to the traffic control be paid?
Answer 13: Any modifications for traffic control shall be included in the unit prices for MOT items, as needed.
- Question 14: Will a preconstruction video be required for this project? Can a bid item for this work be added?
Answer 14: A preconstruction video is not required for this project.
- Question 15: The current schedule is aggressive with the required phasing, testing, cure, adjustments required for the project. Can additional time be added to the progress clause?
Answer 15: The project schedule has been revised in the Detailed Specification for "Project Schedule and Payment".
- Question 16: Is the intent is to utilize the existing aggregate base outside of the utility trench?
Answer 16: The utility trench will be the restoration area. Yes, it is to remain.
- Question 17: If a new aggregate base under all removed and proposed pavements is required will a machine grading item be added to the proposal to pay for the excavation of the road section?
Answer 17: No
- Question 18: Will all pavement repairs be required to a full lane width?
Answer 18: Pavement removal and replacement shall be in accordance with the Article 10, section III of City of Ann Arbor Standard Specifications for Construction.
- Question 19: Can an engineers estimate please be provided for bonding purposes?
Answer 19: The Engineer's Estimate is \$685,000.00.
- Question 20: Can an engineer's estimate be provided for this project?
Answer 20: The Engineer's Estimate is \$685,000.00.
- Question 21: Can an excel version of the bid pricing form (section E) be provided?
Answer 21: Yes, please email Al Loebach aloebach@A2gov.org
- Question 22: There is a 12" 11.25 deg bend shown on sheet 10 of the plans, but there is not pay item for this fitting. Can a pay item be added for this?
Answer 22: Pay item added.
- Question 23: A hydrant lead for H-1 is to be installed off of the 12" mainline pipe, as shown on sheet 10. There is 6" pipe to be installed for this hydrant lead, but no pay item for it. Can a pay item be added for this?
Answer 23: Pay item added.
- Question 24: All of the water main connections are shown to be completed in Phase II MOT. At least one end of the water main will need to be connected to existing during Phase I MOT, as to feed the new water service to 2865 Packard. Can the MOT plan be modified to account for this?

Answer 24: The traffic control stages can be modified as needed to accommodate water connections as long as one lane of traffic is provided in each direction and traffic safety requirements are met.

Question 25: For the proposed installation via directionally drilling of the 14" HDPE water main, several utilities along the bore path will need to be located for depth. With these utilities being within the road, there will be locations of HMA pavement that will need to be replaced. Can items and quantities for HMA removal, aggregate base and hand patching be added to account for this?

Answer 25: Pay items and quantities have been added to accommodate the pavement removal and restoration.

Question 26: Will abandonment of the existing 8" and 12" water mains require flowable fill?

Answer 26: Flowable is not required to abandon water mains under City-owned roadways.

Question 27: Can a proposed section/typical be provided for the HMA roadway areas?

Answer 27: A typical section has been added to the plans.

Question 28: How is the grading of the roadway areas paid for? I did not see a machine grading item to cover the roadway areas.

Answer 28: Pay item added.

Question 29: Davis Bacon is mentioned in the specs. Will this project require living wages (city) or will it require Federal Davis Bacon wages be paid to employees?

Answer 29: Per Section K of the RFP, the City of Ann Arbor requires contractors to comply with the Davis-Bacon Act for all workers under the Heavy and Highway Construction classifications and meet the minimum living wage requirement for all employees working on the project.

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: PACKARD WATER MAIN AT MALLETS CREEK

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
01000.00	General Conditions, Max. \$25,000	LS	1	\$	\$
01001.00	Project Supervision, Max. \$12,000	LS	1	\$	\$
01002.00	Project Clean-Up and Restoration	LS	1	\$	\$
01021.00	Erosion Control, Inlet Protection, Fabric Drop	Ea	8	\$	\$
01030.00	Tree Protection Fence	Ft	250	\$	\$
01040.00	Minor Traffic Control, Max. \$2,500	LS	1	\$	\$
01041.00	Traffic Regulator Control	LS	1	\$	\$
01050.00	Sign, Type B, Temp, Prismatic, Furn & Oper	Sft	265	\$	\$
01051.00	Sign, Type B, Temp, Prismatic, Special, Furn & Oper	Sft	3	\$	\$
01052.00	Temporary "No Parking" Sign	Ea	4	\$	\$
01060.00	Lighted Arrow, Type A, Furn & Oper	Ea	2	\$	\$
01070.00	Sign, Portable, Changeable Message, Furn & Oper	Ea	2	\$	\$
01080.00	Plastic Drum, High Intensity, Lighted, Furn & Oper	Ea	79	\$	\$
01081.00	Channelizer Cone, High Intensity, 42 In., Furn & Oper	Ea	60	\$	\$
01092.00	Barricade, Type III, High Intsy, Double, Lighted, Furn & Op	Ea	9	\$	\$
01100.00	Pedestrian Type II Barricade, Temp, Furn & Oper	Ea	4	\$	\$
01103.00	Temporary Pedestrian Mat, Furn & Oper	Ft	40	\$	\$
01112.00	Pavt Mrkg Cover, Type R, Black	Ft	511	\$	\$
01127.00	Pavt Mrkg, Wet Ref, Type R, Tape, 6 In., White, Temp	Ft	1058	\$	\$
01128.00	Pavt Mrkg, Wet Ref, Type R, Tape, 6 In., Yellow, Temp	Ft	3445	\$	\$
02020.00	HMA, Any Thickness, Rem	Syd	872	\$	\$
02030.00	Curb, Gutter, and Curb and Gutter, Any Type, Rem	Ft	50	\$	\$
02040.00	Sidewalk, SW Ramp, and DW Approach, Any Thicks, Rem	Sft	290	\$	\$
03001.00	Machine Grading, Driveway	Syd	12	\$	\$
03030.01	Exploratory Excavation, SD-TD-1, (0-10' Deep)	Ea	5	\$	\$
03030.02	Exploratory Excavation, SD-TD-1, Additional Depth	Ft	5	\$	\$
07000.02	6 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	9	\$	\$
07000.03	8 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	163	\$	\$

TOTAL THIS PAGE 15

\$ _____

(Also to be entered on Page 17)

Company:

Project: PACKARD WATER MAIN AT MALLETS CREEK

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
07000.05	12 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	192	\$	\$
07004.04	14 In., HDPE Water Main, Directional Drill	Ft	542	\$	\$
07011.02	8 In. 45° DIP Bend	Ea	2	\$	\$
07011.01	8 In. 90° DIP Bend	Ea	1	\$	\$
07013.02	12 In. 45° DIP Bend	Ea	4	\$	\$
07020.03	8 In. X 6 In. DIP Reducer	Ea	1	\$	\$
07030.13	12 In. X 12 In. X 8 In. DIP Tee	Ea	1	\$	\$
07030.15	12 In. X 12 In. X 12 In. DIP Tee	Ea	2	\$	\$
07060.02	Gate Valve in Well, 8 In.	Ea	1	\$	\$
07060.04	Gate Valve in Well, 12 In.	Ea	2	\$	\$
07080.00	Excavate & Backfill For Water Service Tap and Lead	Ft	50	\$	\$
07100.00	Fire Hydrant Assembly, Complete	Ea	1	\$	\$
07110.01	Sacrificial Anode, 17-pound	Ea	1	\$	\$
07110.02	Sacrificial Anode, 32-pound	Ea	6	\$	\$
07130.01	Temporary Water Main Line Stop, 8 In. or less	Ea	1	\$	\$
07130.03	Temporary Water Main Line Stop, 12 In.	Ea	1	\$	\$
07131.00	Temporary Water Main Line Stop, Additional Rental Day	Ea	2	\$	\$
07141.70	1.5" Plug and Cap	Ea	1	\$	\$
07141.71	12" Plug and Cap	Ea	2	\$	\$
07140.03	Water Main Pipe, 8 In. Dia., Abandon	Ft	10	\$	\$
07140.05	Water Main Pipe, 12 In. Dia., Abandon	Ft	540	\$	\$
07160.03	Gate Valve in Box, 8 In. Dia., Abandon	Ea	1	\$	\$
07160.05	Gate Valve in Box, 12 In. Dia., Abandon	Ea	3	\$	\$
08010.03	Aggregate Base, 8 In., 21AA, CIP	Syd	873	\$	\$
08010.02	Aggregate Base, 6 In., 21AA, CIP	Syd	12	\$	\$

TOTAL THIS PAGE 16

\$

(Also to be entered on Page 17)

Company:

Project: **PACKARD WATER MAIN AT MALLETS CREEK**

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
08060.00	HMA Hand Patch	Ton	61	\$ _____	\$ _____
08070.14	HMA, 4EL	Ton	223	\$ _____	\$ _____
08110.00	Conc, Curb or Curb & Gutter, All Types	Ft	15	\$ _____	\$ _____
08120.01	Conc, Driveway Opening, Type M	Ft	35	\$ _____	\$ _____
08130.01	Conc, Sidewalk, 4 In.	Sft	150	\$ _____	\$ _____
08131.01	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.	Sft	110	\$ _____	\$ _____
08240.03	Pavt Mrkg, Waterborne, 6 In., White	Ft	400	\$ _____	\$ _____
08240.70	Pavt Mrkg, Waterborne, 6 In., Yellow	Ft	550	\$ _____	\$ _____
10060.00	Turf Restoration	Syd	100	\$ _____	\$ _____
TOTAL THIS PAGE 17				\$ _____	
TOTAL FROM PAGE 15				\$ _____	
TOTAL FROM PAGE 16				\$ _____	
TOTAL BASE BID				\$ _____	

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
PROJECT SCHEDULE AND PAYMENT

AA:NJB

1 of 3

3/27/26

Description

Examination of Plans, Specifications, and Work Site

Bidders shall carefully examine the Bid Form, plans, specifications, and the work site until the Bidder is satisfied as to all local conditions affecting the contract and the detailed requirements of construction. The submission of the bid shall be considered prima facie evidence that the Bidder has made such examination and is satisfied as to the conditions to be encountered in performing the work and all requirements of the Contract.

The entire work under this Contract shall be completed in accordance with, and subject to, the scheduling requirements as outlined below, and all other requirements of the Contract Documents.

1. The Contractor shall begin the work of this project on **June 15, 2026**, and only upon receipt of the fully executed Contract and Notice to Proceed. Appropriate time extensions shall be granted if the Notice to Proceed is delayed beyond this date.
2. This Contract requires water main, resurfacing, sidewalk, and ramp replacement along with turf establishment; and shall be substantially completed on or before **August 14, 2026**.
3. The work shall be sequenced to minimize the impact on residents and traffic.
 - a. Phase 1: Work Zone on north side (WB curb lane, passing lane and center turning lane) of Packard Street.
 - Phase 1 shall be paved out before MOT is switched over to Phase 2.
 - It is anticipated that flaggers will be used to manage traffic during the paving operation. Contractor shall avoid pavement operations between 7:30 and 9:30 am and 3:30-6:00 pm.
 - b. Phase 2: Work Zone in center lanes (WB passing lane, center turn lane EB passing lane) of Packard Street.
4. The following workday, hour, and other work restrictions are imposed by the City of Ann Arbor.

Contractor operations shall be limited by local municipality work time, noise and dust ordinance:

- Monday through Friday: 7:00 am – 8:00 p.m.
- Saturday: 7:00 a.m.– 8:00 p.m.; Notice given to City of Ann Arbor at least 48 hours prior to the work and no more than 5 days
- Sunday: Only with written approval from the City of Ann Arbor.

No work shall be performed during Holidays as follows, unless approved by the City of Ann Arbor:

- Memorial Day, May 25, 2026
- Independence Day, July 3, 2026 (Observed)
- Labor Day, September 1, 2026
- Thanksgiving Day, November 26, 2026

NOTE: The University of Michigan will be hosting home football games on the following dates:

- September 5, 2026
- September 12, 2026
- September 19, 2026
- September 26, 2026
- October 17, 2026
- October 24, 2026
- November 7, 2026
- November 21, 2026

Additionally, Michigan Stadium will be hosting concerts on the following dates:

- July 24-25, 2026

The contractor should be aware of these dates and recognize potential road closures and detours may cause significant delays to material deliveries. No extension of contract will be allowed due to delays caused by Stadium events or UofM Football.

City Council approval is expected on or before **May 18, 2026**. The Contractor shall not begin the work without approval from the Project Engineer, and in no case before the receipt of the Notice to Proceed.

Contractor will be furnished with two (2) copies of the Contract, for his/her execution, before the aforementioned City Council meeting. The Contractor shall properly execute both copies of the Contract and return them, with the required Bonds and Insurance Certificate, to the City within **ten (10) days**.

Time is of the essence in the performance of the work of this contract. The Contractor is expected to mobilize sufficient personnel and equipment and work throughout all authorized hours to complete the project by the final completion date. Should the Contractor demonstrate that they must work on some Sundays to maintain the project schedule, they may do so between the hours of 9:00 a.m. and 5:00 p.m. with prior approval from the City. There will be no additional compensation due to the Contractor for work performed on Sundays.

Prior to the start of any construction, the Contractor shall submit a detailed schedule of work for the Engineer's review and approval. Work shall not be started until a schedule is approved in writing by the Engineer. The proposed schedule must fully comply with the scheduling requirements contained in this Detailed Specification. The Contractor shall update the approved work schedule upon request by the Engineer and present it to the Engineer within seven days of said request.

Failure to complete all work as specified herein within the times specified herein, including time extensions granted thereto as determined by the Engineer, shall entitle the City to deduct from

the payments due the Contractor, **\$1,000.00** in Liquidated Damages, and not as a penalty, for delays in the completion of the work for each and every calendar day beyond the times for each sub-phase, as required by this Detailed Specification.

Working in the Rain

The Contractor shall not work in the rain unless authorized in writing by the Engineer. The Engineer may delay or stop the work due to threatening weather conditions.

The Contractor shall not be compensated for unused materials or downtime due to rain, or the threat of rain.

The Contractor is solely responsible for repairing all damages to the work and to the site, including road infrastructures, road subgrades, and any adjacent properties, which are caused as a result of working in the rain.

Working in the Dark

The Contractor shall not work in the dark except as approved by the Engineer and only when lighting for night work is provided as detailed elsewhere in this contract.

The Engineer may stop the work or may require the Contractor to defer certain work to another day if, in the Engineer's opinion, the work cannot be completed within the remaining daylight hours or if inadequate daylight is present to either properly perform or inspect the work.

The Contractor will not be compensated for unused materials or downtime when delays or work stoppages are directed by the Engineer for darkness and/or inadequate remaining daylight reasons.

The Contractor is solely responsible for repairing all damages to the work and to the site, including road infrastructures, road subgrades, and any adjacent properties, which are caused as a result of working in the dark.

Failure to complete all work as specified herein within the times specified herein, including time extensions granted thereto as determined by the Engineer, shall entitle the City to deduct Liquidated Damages from the payments due the Contractor, as stated in the contract.

Measurement and Payment

If the construction Contract is not completed within the specified calendar day period including any extensions of time granted thereto, at the sole discretion of the City of Ann Arbor, this Contract may be terminated with no additional compensation due to the Contractor, and the Contractor may be forbidden to bid on future City of Ann Arbor projects for a period of at least three (3) years. If the Engineer elects to terminate the Contract, Contract items paid for on a Lump Sum basis shall be paid up to a maximum percentage equal to the percentage of the Contract work that has been completed.

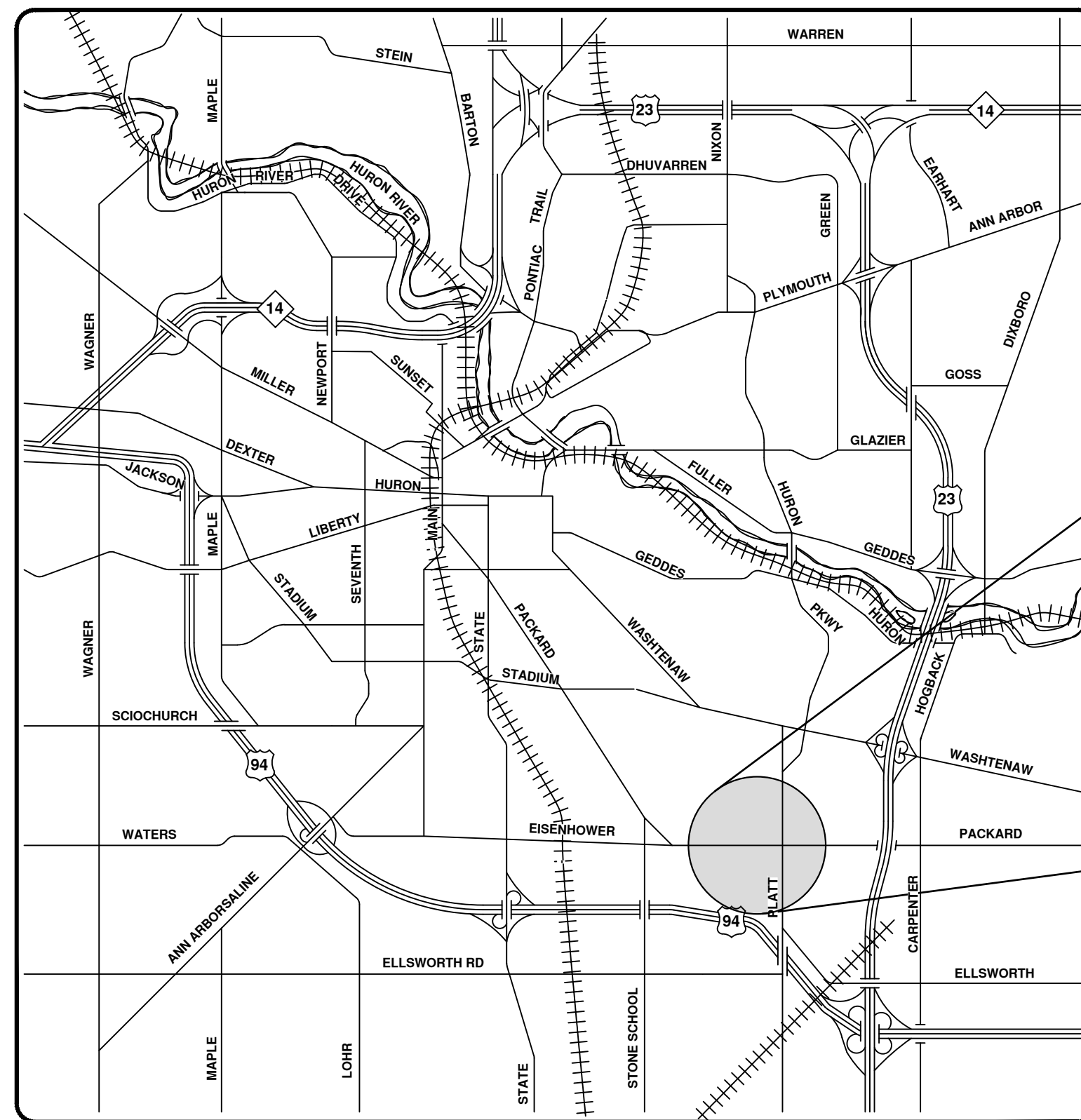
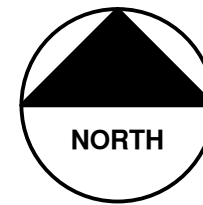
Costs for the Contractor to organize, coordinate, and schedule all of the work of the project, will not be paid for separately, but shall be included in the bid price of the Contract Item "**General Conditions, Max \$ _____**".



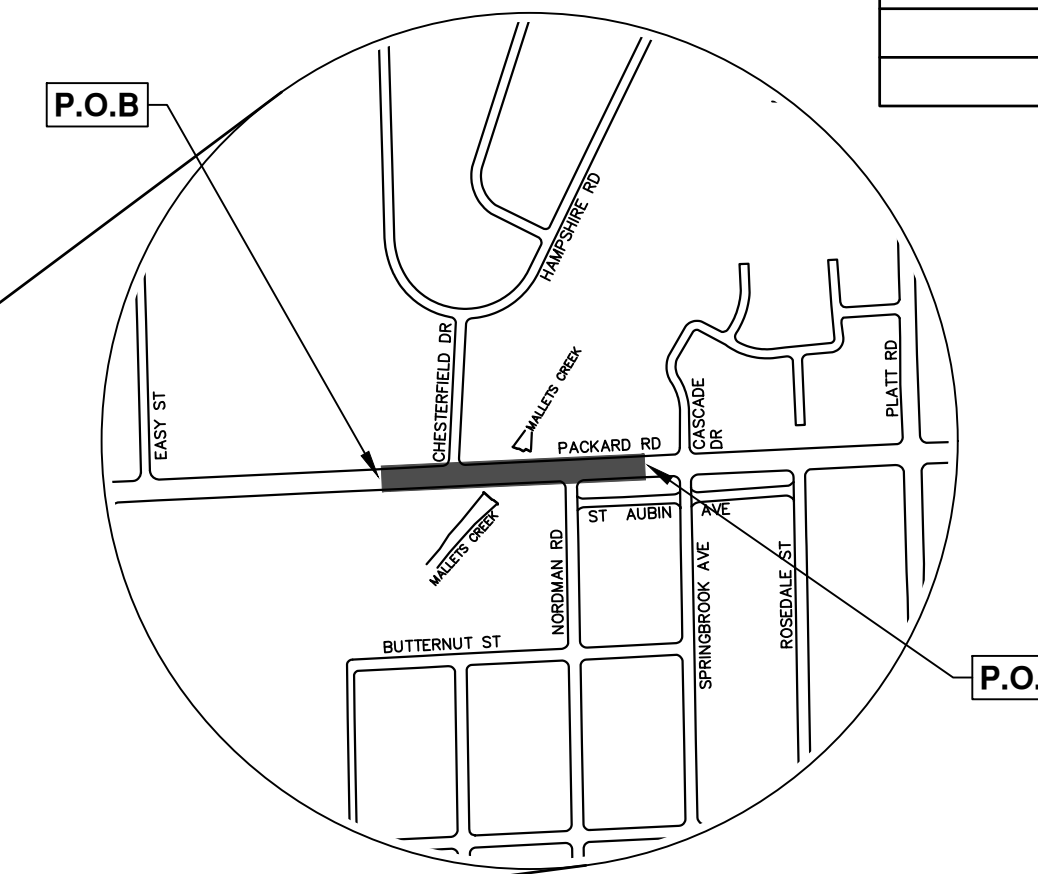
CITY OF ANN ARBOR ENGINEERING

PACKARD WATER MAIN MALLETTS CREEK

RFP No. 26-20, FILE No. 2025013



VICINITY MAP



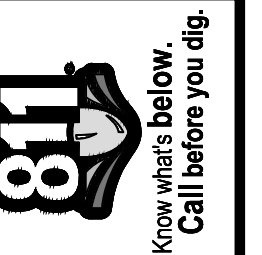
Sheet List Table	
Sheet Number	Sheet Title
1	Cover Sheet
2	Standard Notes
3	Legend
Maintenance of Traffic - Ph. I - WM HDPE Directional Drill	
4	P.O.B. - Sta. 16+00
5	Sta. 16+00 - P.O.E.
Maintenance of Traffic - Ph. II - WM Connections and Abandonment	
6	P.O.B. - Sta. 18+00
7	Sta. 18+00 - P.O.E.
Removals	
8	P.O.B. - P.O.E.
Packard Water Plan & Profile	
9	P.O.B. - Sta. 20+50
10	Sta. 20+50 - P.O.E.
Restoration	
11	P.O.B. - P.O.E.

NOTES:

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL POWER, CABLE TV AND FIBER OPTIC LINES ARE APPROXIMATE. THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES AREA DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS ("STANDARDS"). THE OMISSION OF ANY STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH THOSE STANDARDS.



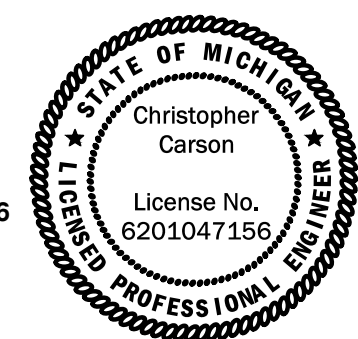
REV	DATE	DESCRIPTION	CHECKED
01	03-30-26	ADDENDUM #1	CEC
00	03-17-26	OUT FOR BID	AWD
			AWD

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR, MI 48106-6647
www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

PREPARED UNDER THE SUPERVISION OF
Christopher Carson
CHRISTOPHER CARSON, P.E. - MI LICENSE No. 6201047156
PROJECT ENGINEER



SCALE
DRAWING No. 2025013-1

SHEET No. 1 OF 11

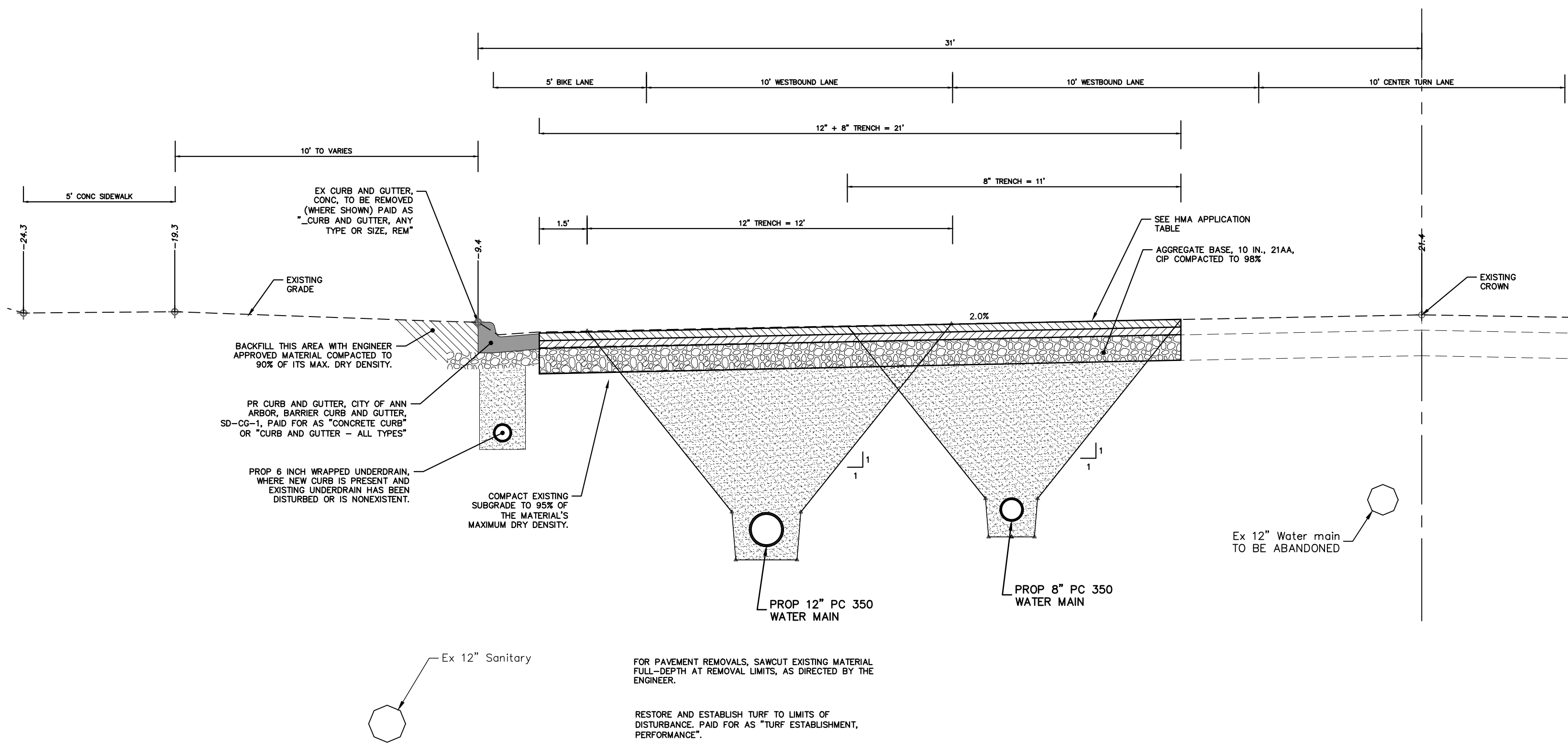
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© PACKARD WATER MAIN MALLETTS CREEK; RFP No. 26-20; 2025013

CONSTRUCTION NOTES:

1. Driveways and entrances to buildings, real property, and the like shall not be blocked except for short durations and only when approved by the Engineer. Vehicular and pedestrian access shall be maintained at all times. It shall be the Contractor's responsibility to coordinate all necessary driveway closures with the property owner(s) and resident(s) in the areas of construction.
2. The location and depth of all existing utilities and service leads are to be field verified by the Contractor prior to construction.
3. Location and depth of utilities as depicted on the plans is approximate and shown according to the best information available. It is the Contractor's responsibility to excavate ahead and adjust depth of conflict utilities accordingly. Any damage to utilities is the Contractor's responsibility to avoid and/or repair as necessary.
4. The Contractor is to take special care to protect the existing water main and be responsible for maintaining consistent water service.
5. During non-working hours no trench shall remain open; any open trench shall be properly secured with protective fencing. This work shall be included in the item of work "General Conditions".
6. Trenches for new water services shall be excavated to MIOSHA and City of Ann Arbor Public Works requirements.
7. City of Ann Arbor Public Works will install the corporation and copper service lead(s) to transfer the connection(s). If an existing water service is found to be failing or is not copper, the lead will be replaced to the curb box by Public Works.
8. For the installation of corporations, or any other related activities, the Contractor shall not receive additional compensation for delays due to the scheduling of or coordination with the City of Ann Arbor Public Works.
9. The Contractor shall backfill trenches in accordance with Trench Detail specified on plans. This work shall be included in the item of work "Excavate and Backfill for Water Service Tap and Lead". All concrete removals and replacements required for this work will be paid for separately.
10. Water main fittings, other than those specifically listed as separate pay items, which are required to complete the work, such as blow-off assemblies, concrete thrust blocks, solid sleeves and mechanical plugs, shall not be paid for separately, but shall be included in the pipe pay items.
11. "No Parking" signs shall be installed by the Contractor at locations as approved or directed by the Engineer. All signs shall be installed in accordance with the detailed specifications.
12. Postal delivery and refuse pickup service shall be maintained at all times by the Contractor.
13. All fittings, hydrants, valves and castings removed during construction are the property of the City of Ann Arbor. The Contractor within 48 hours shall deliver to City of Ann Arbor Public Works Facility at the W.R. Wheeler Service Center located at 4251 Stone School Road.
14. Where street curbs are undermined due to construction activities, they shall be removed and replaced as directed by the Engineer.
15. The Contractor shall be responsible for the continuous maintenance of the temporary road surface and soil erosion control measures within the construction area until the full completion of the project. This work shall be included in the item of work "General Conditions".
16. All curb, sidewalk, driveway approach removals shall be approved by Engineer before the work is done.
17. The location of material stock piles and on-site staging areas to be approved by the Engineer.
18. All structures shall receive new castings as directed by the Engineer, as specified on the standard casting schedule. The existing castings are the property of the City of Ann Arbor. The Contractor shall deliver to City of Ann Arbor Public Works Facility at the W.R. Wheeler Service Center located at 4251 Stone School Road.
19. Existing street name, guide, and regulatory signs, and mailboxes which conflict with the proposed construction shall be removed prior to construction, stored in a manner which will prevent damage, and re-set in locations as directed by the Engineer.

PACKARD WATER MAIN MALLETS CREEK BENCHMARKS		
BM #	ELEV	DESCRIPTION
103	806.80	TOP OF NUT FOR ABANDONED HYDRANT, ±7 FEET INSIDE OF PUMP HOUSE GATE.
104	803.99	PK NAIL IN EAST FACE OF UTILITY POLE, ±100 FEET EAST OF EAST PERIMETER FENCE FOR PUMP HOUSE.
105	812.02	NAIL IN NORTH FACE OF 18 INCH TREE IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF PACKARD ROAD AND NORDMAN ROAD, ±56 FEET EAST OF THE CENTERLINE OF NORDMAN ROAD AND ±52 FEET SOUTH OF THE CENTERLINE OF PACKARD ROAD.



PACKARD ROAD TYPICAL SECTION
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	260 (TOP)	PG 64-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 64-28	LEVELING COURSE
HMA PAVEMENT BASE	4EL	220 LB/SYD	2.0	-	PG 64-28	BASE 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

PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
LANE CLOSURE PERMIT*	CITY OF ANN ARBOR ENGINEERING
"NO PARKING" SIGNS PERMIT*	CITY OF ANN ARBOR ENGINEERING
GRADING/SOIL EROSION & SEDIMENTATION CONTROL PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
RIGHT-OF-WAY PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
* NO COST TO CONTRACTOR	

PERMITS REQUIRED TO BE OBTAINED BY THE CITY OF ANN ARBOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
WATER MAIN CONSTRUCTION PERMIT	MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY (EGLE)

CONTACT INFORMATION

PUBLIC UTILITIES	OWNER	CONTACT
WATER		
SANITARY		
STORM	CITY OF ANN ARBOR PUBLIC WORKS W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	(734) 794-6350
FORESTRY		
SIGNS		
SIGNALS		MARK MORENO (734) 794-6361
STREET LIGHTS		
FIBER OPTIC	CITY OF ANN ARBOR INFORMATION TECHNOLOGY LARCUM CITY HALL 301 E. HURON STREET ANN ARBOR, MI 48107	(734) 794-6550
PRIVATE UTILITIES	OWNER	CONTACT
GAS	DTE ENERGY 3150 E. MICHIGAN AVE, YPSILANTI TOWNSHIP, MI 48198	ADAM EGELER 734 929-8042 ADAM.EGELER@TEENERGY.COM
ELECTRIC	DTE ENERGY WESTERN WAYNE SERVICE CENTER 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	ANTHONY IGNASIAK (734) 397-4447
CABLE	COMCAST 27800 FRANKLIN ROAD SOUTHFIELD, MI 48034	STEPHEN BECK (248) 972-7511
PHONE	AT&T 550 S. MAPLE ROAD ANN ARBOR, MI 48103	CHRIS SHOUP (734) 263-7385 CS6558@ATT.COM
FIBER OPTIC	MCI/VERIZON 4401 STECKER STREET DEARBORN, MICHIGAN 48126	MARLON REDD (313) 588-0849 MARLON.REDD@VERIZON.COM
FIBER OPTIC	WINDSTREAM 1295 S LINDEN ROAD, SUITE B FLINT, MI 48532	DAVID BEGGS (810) 397-8956 DAVID.BEGGS@WINDSTREAM.COM
FIBER OPTIC	ADVANCED COMMUNICATIONS & DATA 1800 NORTH GRAND RIVER AVE LANSING, MI 48906	OSP@ACD.NET
STREET LIGHTING	DTE ENERGY 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	LANCE ALLEY (734) 397-4188

R:\2025013 Packard WM Mallets Creek\Source Drawings\2025013_Xsectn.dwg - a2 standard bw.stb - Plot Date: 3/30/2026 11:31:51 AM

Know what's below. Call before you dig.

01	00	ADDENDUM #1	OUT FOR BID	REV.
		03-30-26	03-17-26	
		A2D	A2D	
		CEC	NB	
				CHECKED

CITY OF ANN ARBOR PUBLIC SERVICES

301 EAST HURON STREET

ANN ARBOR, MI 48106-6647

734.794.6410

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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

PACKARD WATER MAIN MALLETS CREEK

STANDARD NOTES

SCALE: NTS

DRAWING No.

2025013-2

SHEET No.

2 OF 11

EXISTING LEGEND

EX = EXISTING		WATER MAIN
		WATER MAIN ABANDONED
		STORM SEWER
		STORM SEWER ABANDONED
		SANITARY SEWER
		SANITARY SEWER ABANDONED
		GAS MAIN
		GAS MAIN (DEAD)
		ELECTRICAL OVER HEAD
		ELECTRICAL UNDER GROUND
		ELECTRICAL DUCT BANK
		TELEPHONE OVER HEAD
		TELEPHONE UNDER GROUND
		TELEPHONE DUCT BANK
		CABLE TV OVER HEAD
		CABLE TV UNDER GROUND
		FIBER OPTIC
		FIBER OPTIC DUCT BANK
		BOUNDARY
		BUILDING
		CENTERLINE OF DITCH
		CENTERLINE/CROWN OF ROAD
		CONTOUR MAJOR
		CONTOUR MINOR
		EDGE OF WATER
		FLOODPLAIN
		FENCE
		GRAVEL
		GUARDRAIL
		STONE WALL
		R.O.W.
		TREELINE
		WETLAND
		EDGE OF BRUSH
		HEDGE
		TREE (DECIDUOUS)
		TREE (CONIFEROUS)
		SHRUB (DECIDUOUS)
		STUMP
		TREE TO REMAIN & PROTECT (DECIDUOUS) CRITICAL ROOT ZONE (C.R.Z.) = DIAMETER BREST HEIGHT (INCHES) X 10
		TREE TO REMAIN & PROTECT (CONIFEROUS) CRITICAL ROOT ZONE (C.R.Z.) = DIAMETER BREST HEIGHT (INCHES) X 10

PROPOSED LEGEND

PROP = PROPOSED		HYDRANT (PLAN)
		WATER GATE VALVE IN BOX
		WATER VAULT
		HIGH CAPACITY INLET
		ROUND CATCH BASIN
		DRAIN ARROW
		OVERFLOW
		CLEAN-OUT
		SIGN
		HAND HOLE
		STORM SEWER
		FIBER OPTIC
		CENTERLINE OF DITCH
		FENCE
		SILT FENCE
		GUARDRAIL
		CURB
		CONTOUR MAJOR
		WATER EASEMENT
		SANITARY EASEMENT
		LIMITS OF CONSTRUCTION
		STONE WALL
		ASPHALT
		CONCRETE RAMP
		TURF RESTORATION
		TREE (CONIFEROUS)
		TREE TO BE REMOVED (CONIFEROUS)
		STUMP TO BE REMOVED



Know what's below. Call Before you dig.

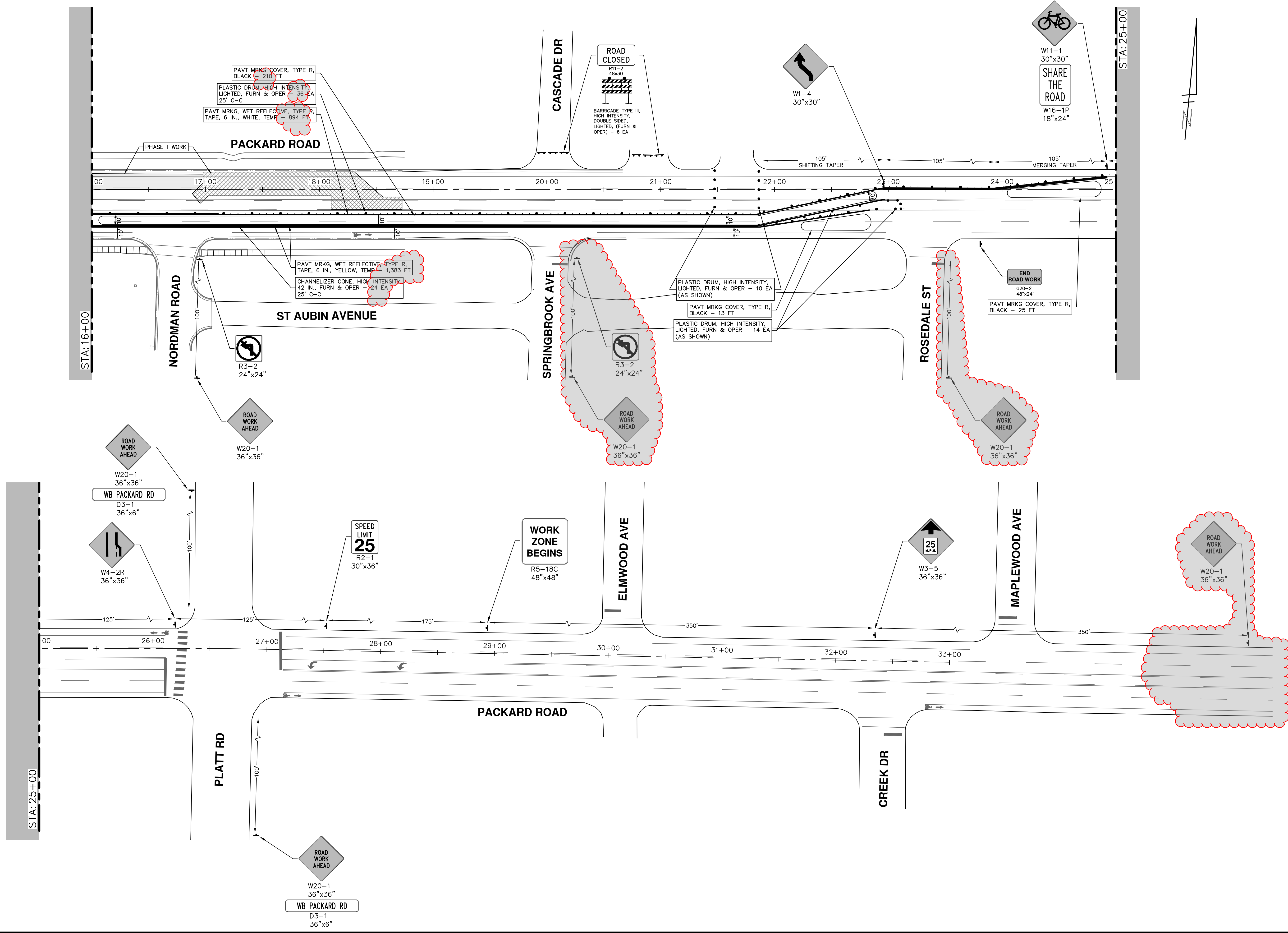
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A2D	A2D	A2D	A2D
03-30-26	03-17-26	DATE	DATE
01	00	REV.	REV.
ADDENDUM #1	OUT FOR BID	DESCRIPTION	DESCRIPTION



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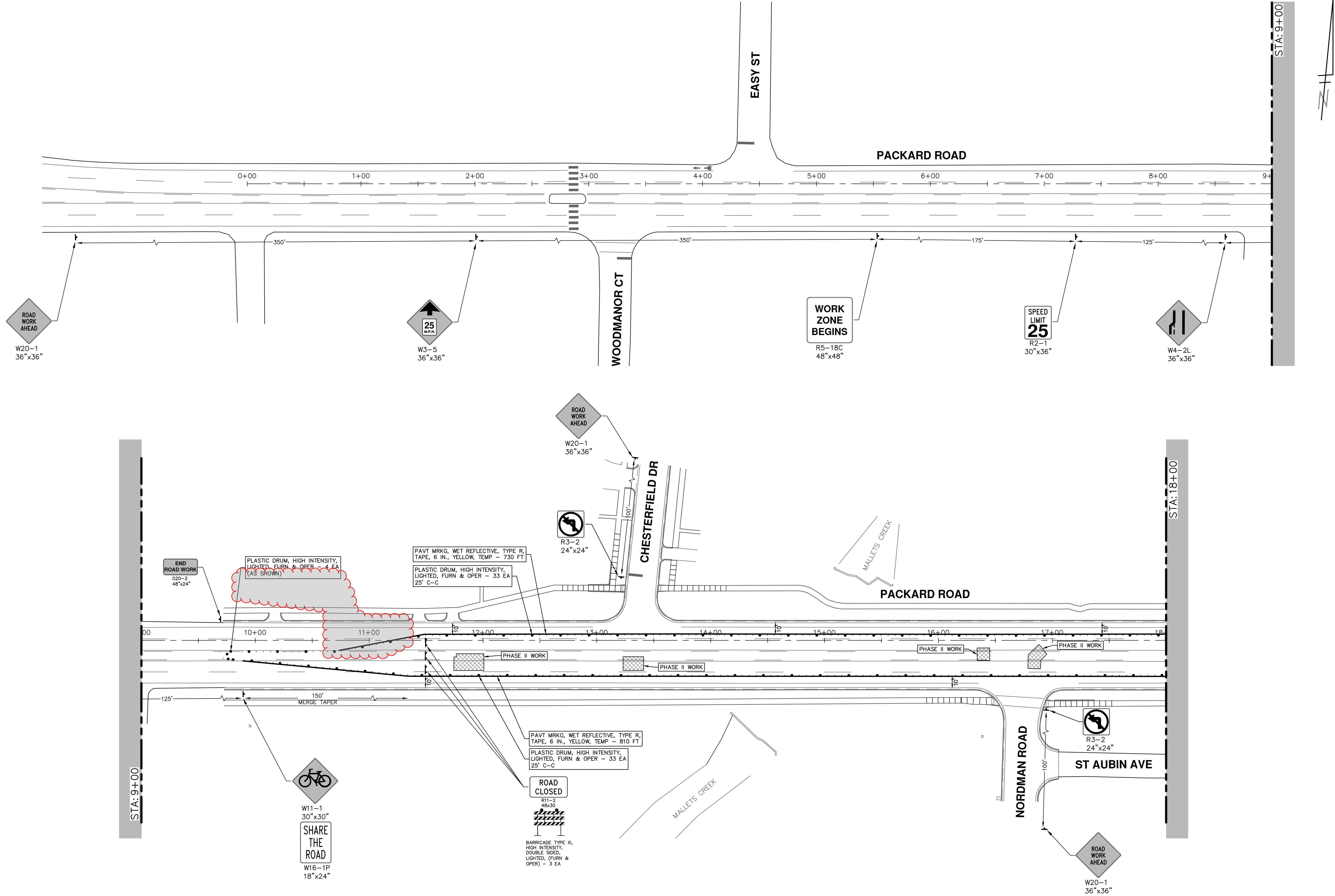
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
PACKARD WATER MAIN MALLETS CREEK
LEGEND
SCALE: NTS
DRAWING No. 2025013-3

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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING PACKARD WATER MAIN ALLEYS CREEK MAINTENANCE OF TRAFFIC - PH. I - WM HDPE DIRECTIONAL DRILL	
SCALE: 1" = 40' 	SHEET No. 5 OF 11
DRAWING No. 2025013-5	STA. 16+00 - P.O.E.
CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST HURON STREET P.O. BOX 8647 ANN ARBOR, MI 48106-8647 www.a2gov.org	REV. DESCRIPTION DATE DRAWN CHECKED 01 ADDENDUM #1 03-30-26 A2D CEC 00 OUT FOR BID 03-17-26 A2D NB REV.

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 Know what's below. Call before you dig.	
REV.	DESCRIPTION
01	ADDENDUM #1
00	OUT FOR BID
03-30-26	A2D
03-17-26	A2D
	DATE
	DRAWN
	CHECKED
	CEC
	NB
	REV.

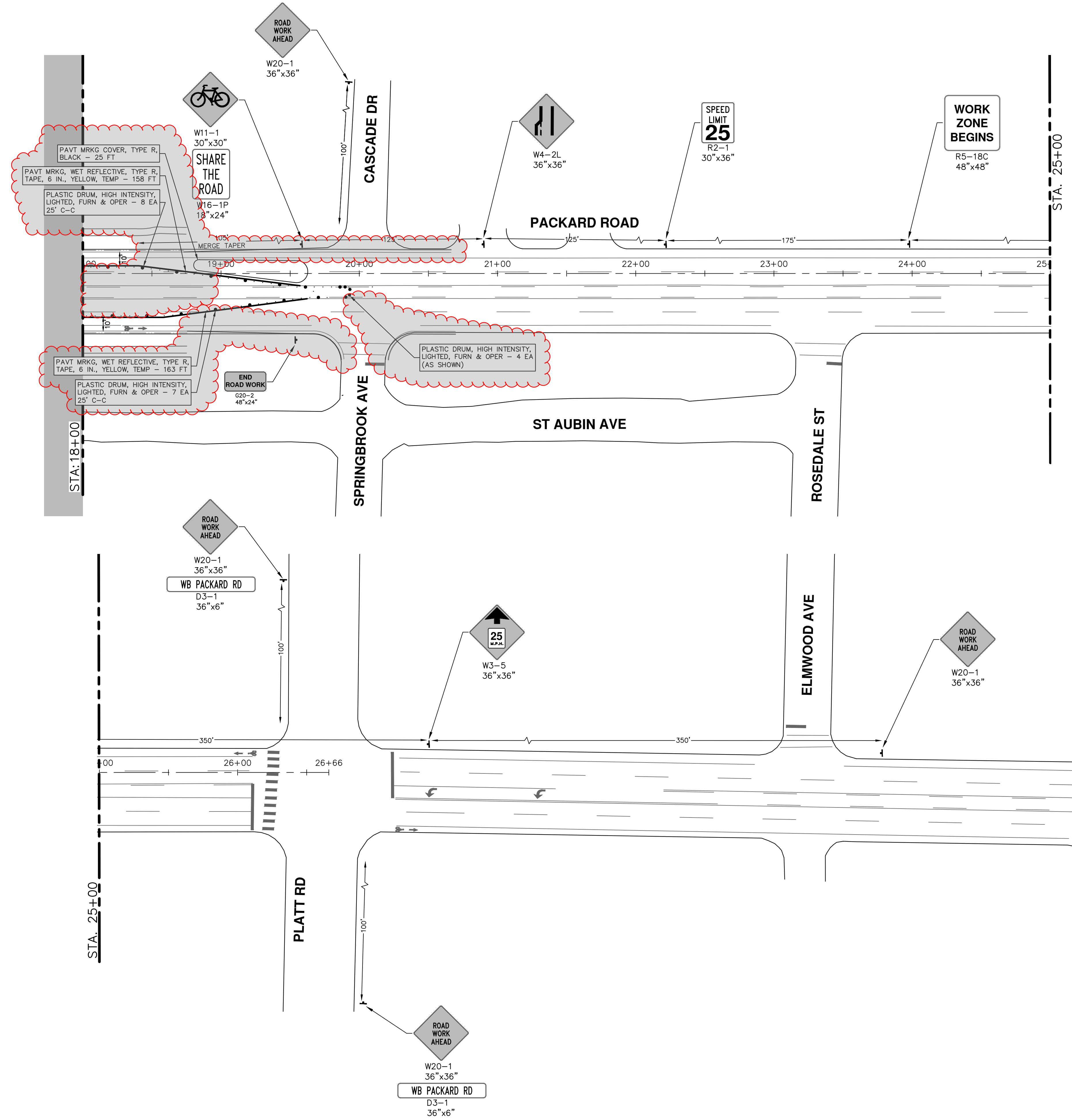
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
PACKARD WATER MAIN MALLET'S CREEK
 MAINTENANCE OF TRAFFIC - PH. II - WM CONNECTIONS AND ABANDONMENT

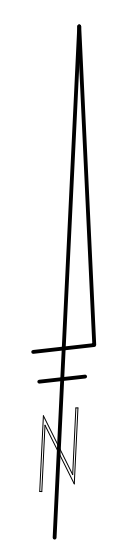
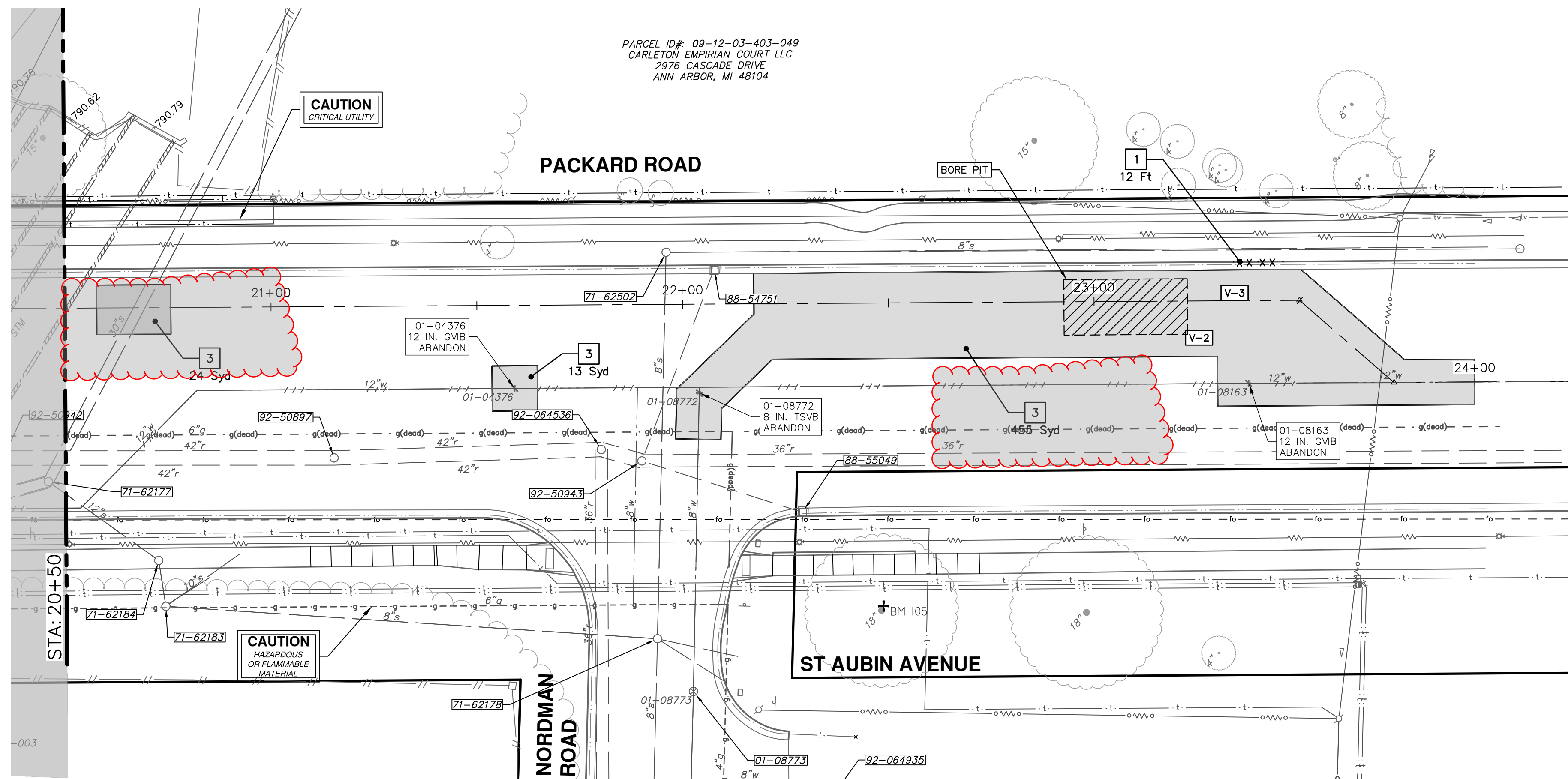
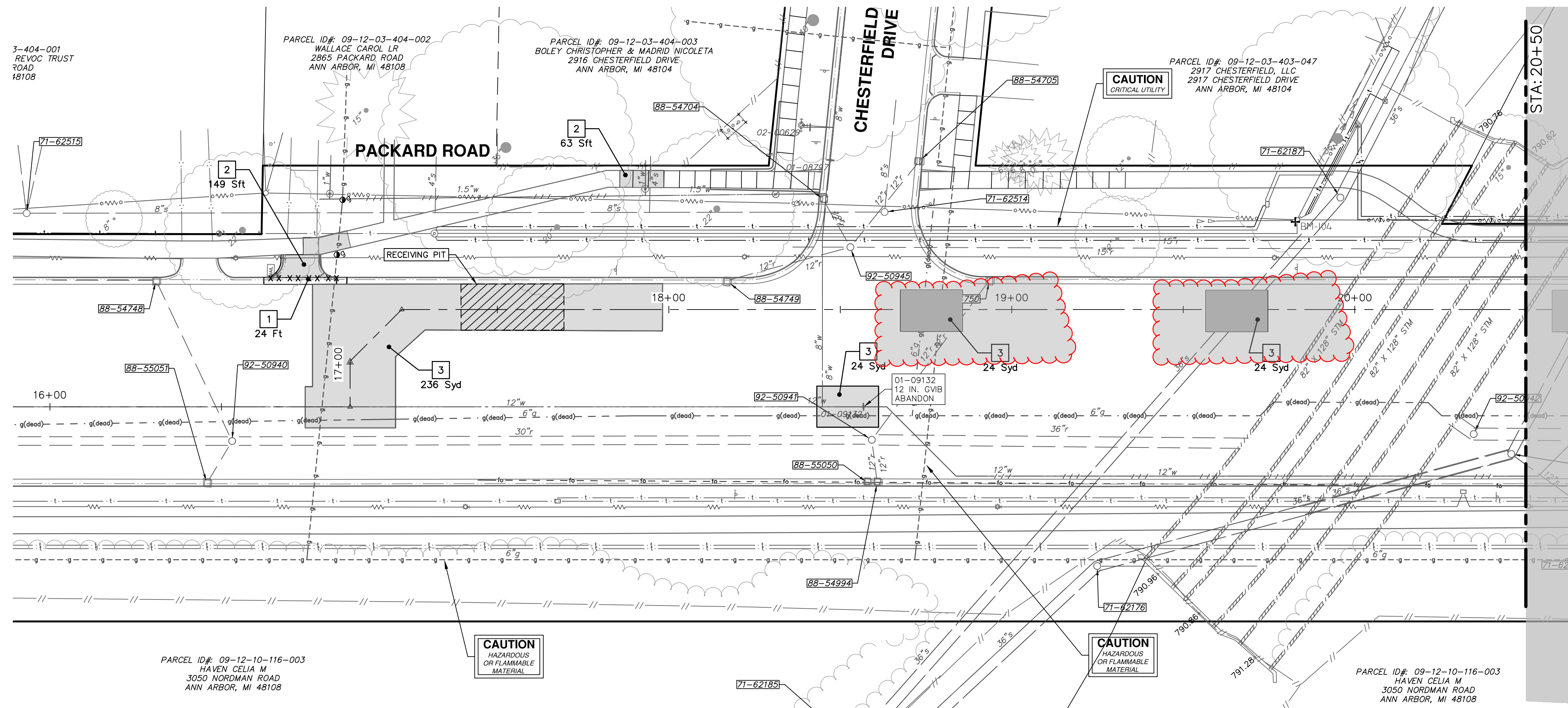
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 P.O.B. - STA. 18+00

SHEET No. 6 OF 11



		CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING PACKARD WATER MAIN ALLEYS CREEK MAINTENANCE OF TRAFFIC - PH. II - WM CONNECTIONS AND ABANDONMENT	
SCALE: ##### 	DRAWING No. 2025013-7	CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST HURON STREET ANN ARBOR, MI 48106-6647 www.a2gov.org	SHEET No. 7 OF 11
01 ADDENDUM #1 OUT FOR BID	00 REV.	03-30-26 A2D DATE	03-17-26 A2D DRAWN
CEC	NB	CHECKED	CHECKED
Know what's below. Call Before you dig.			

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REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6A	Tree, Rem, 6 In. - 12 In.
6B	Tree, Rem, 13 In. - 19 In.
6C	Tree, Rem, 20 In. - 29 In.

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER



REV.	DATE	DESCRIPTION
01	03-30-26	A2D
00	03-17-26	A2D
		DRAWN
		CHECKED

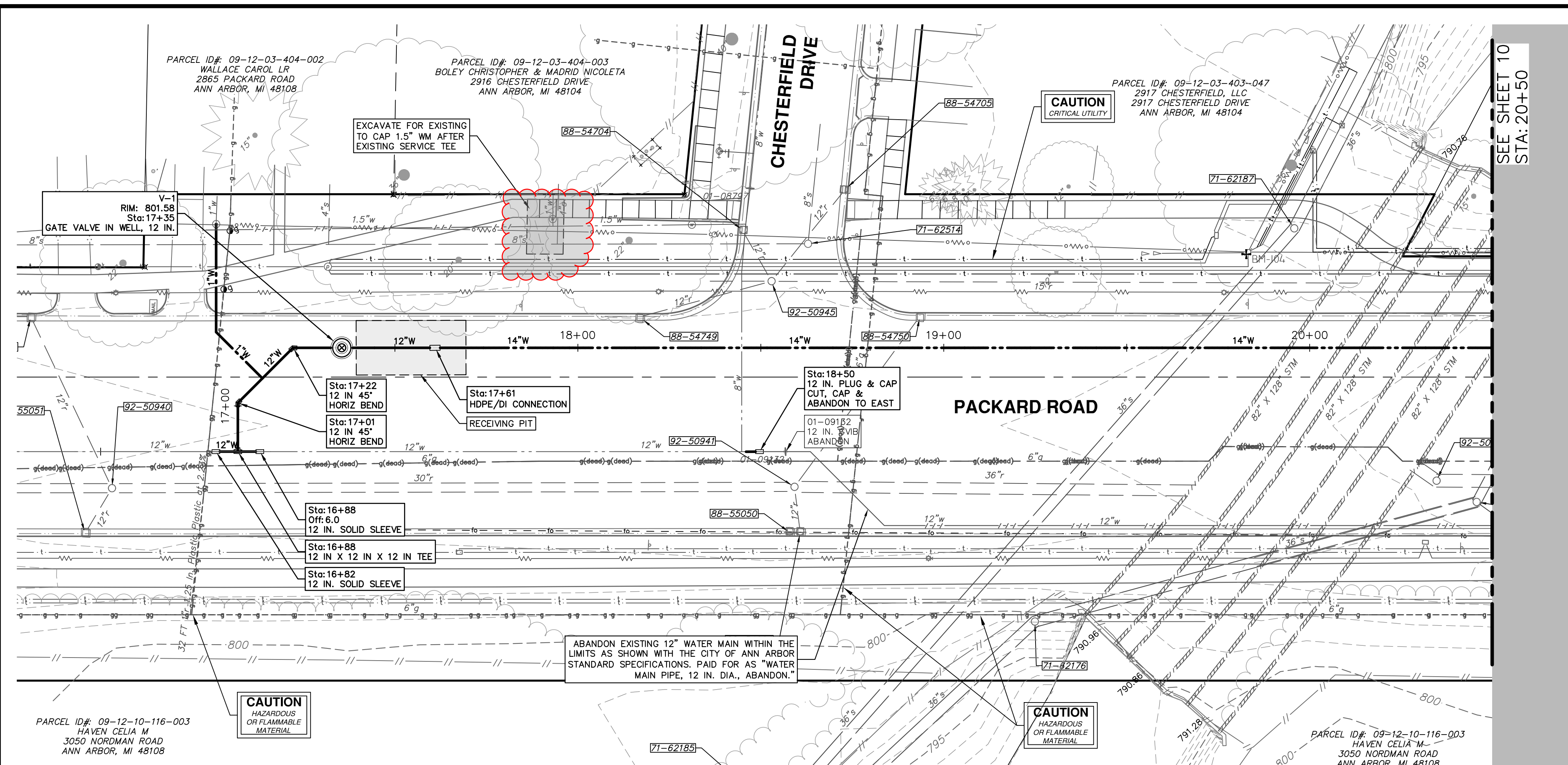
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
REMOVALS
PACKARD WATER MAIN ALLEYS CREEK
P.O.B. - P.O.E.

SCALE PLAN: 1" = 20'
DRAWING No. 2025013-8

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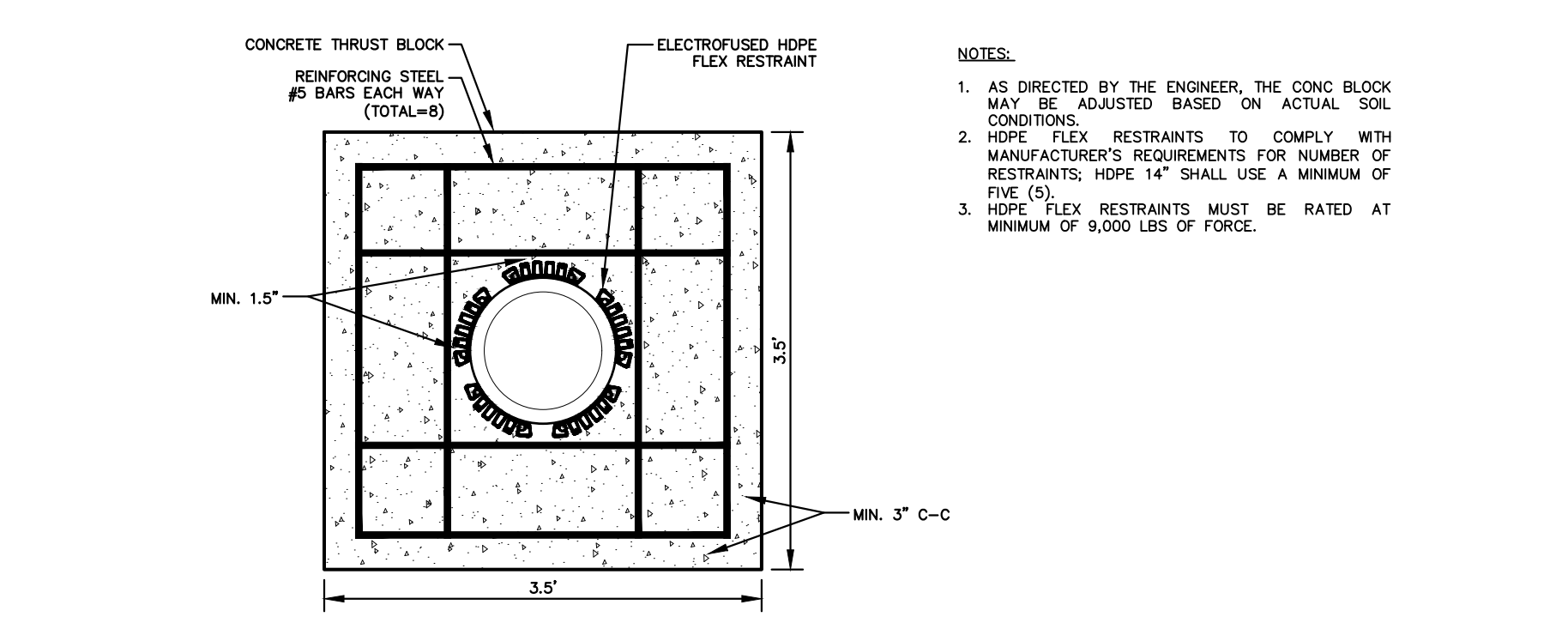
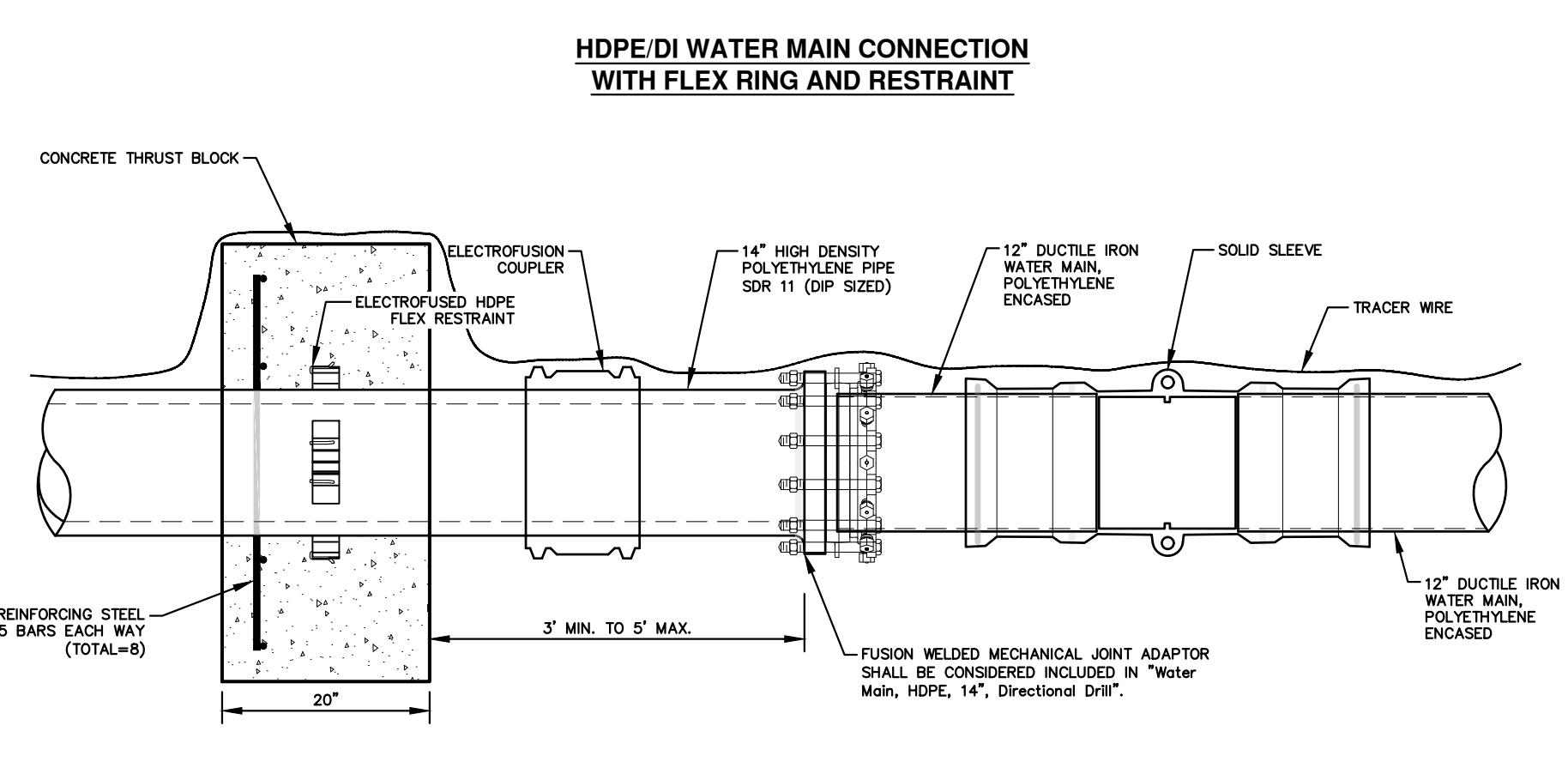
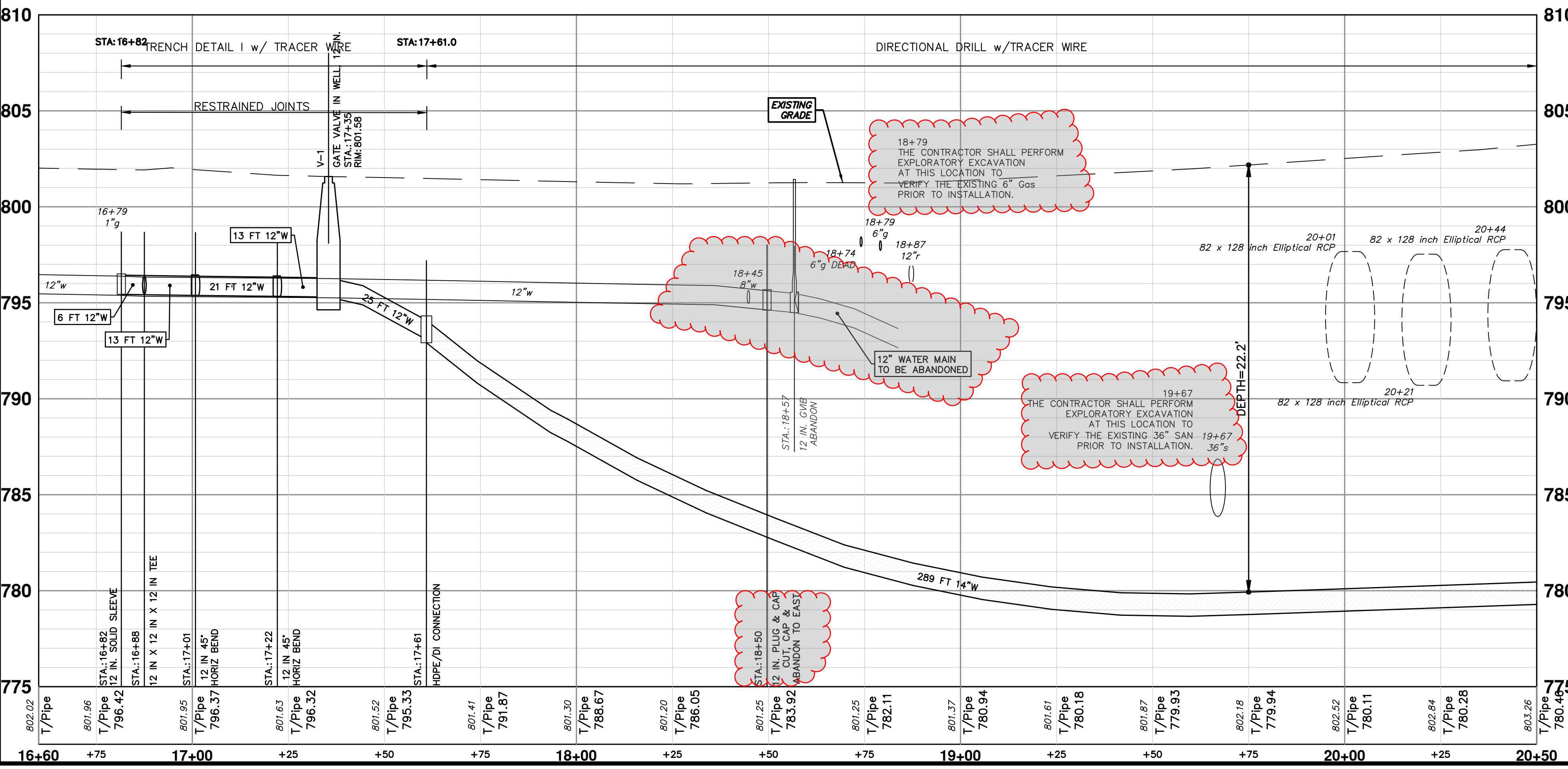
SEE SHEET 10
STA: 20+50

WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS 'SACRIFICIAL ANODE, 34 LB'.


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.

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-1	Gate Valve in Well, 12 In.	17+35	801.58

PACKARD ROAD WATER




- NOTES:
- AS DIRECTED BY THE ENGINEER, THE CONC. BLOCK MAY BE ADJUSTED BASED ON ACTUAL SOIL CONDITIONS.
 - HDPE FLEX RESTRAINTS TO COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR NUMBER OF RESTRAINTS; HDPE 14" SHALL USE A MINIMUM OF FIVE (5).
 - HDPE FLEX RESTRAINTS MUST BE RATED AT MINIMUM OF 9,000 LBS OF FORCE.



Know what's below.
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REV.	DATE	DESCRIPTION
01	03-30-26	A2D
00	03-17-26	A2D

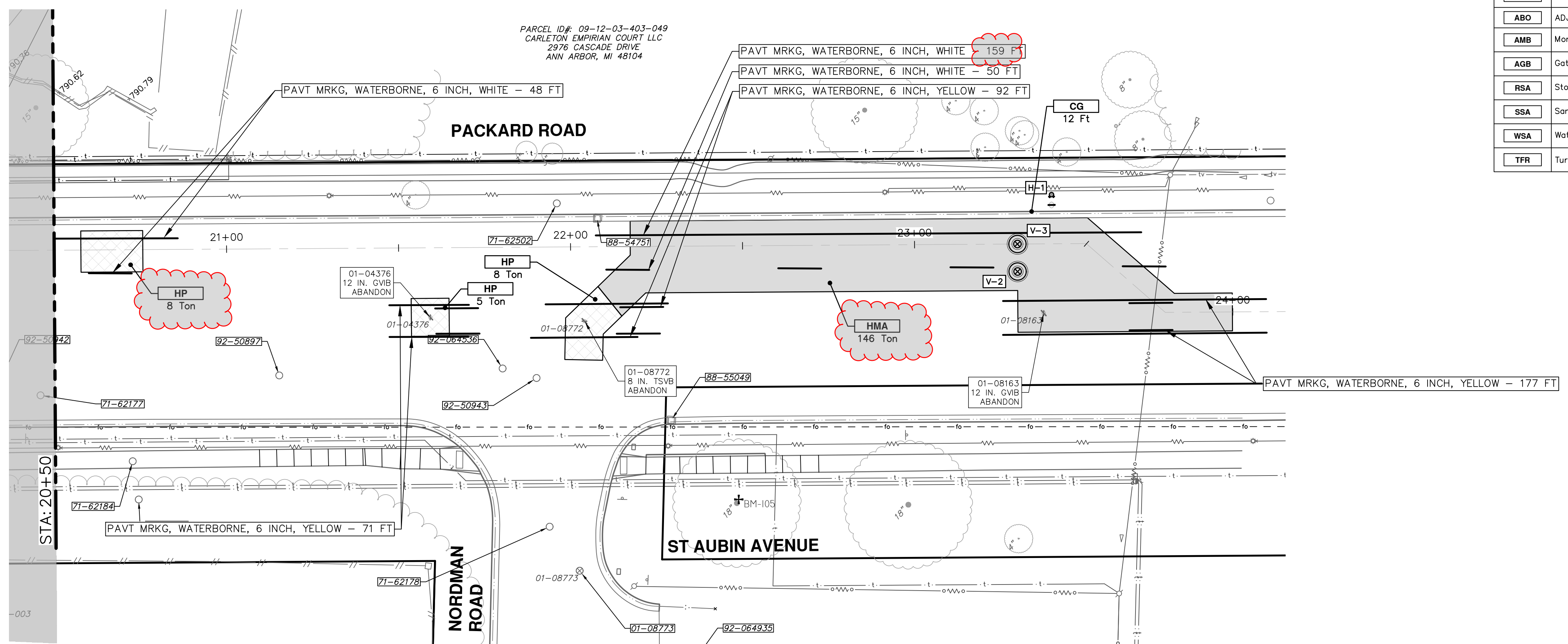
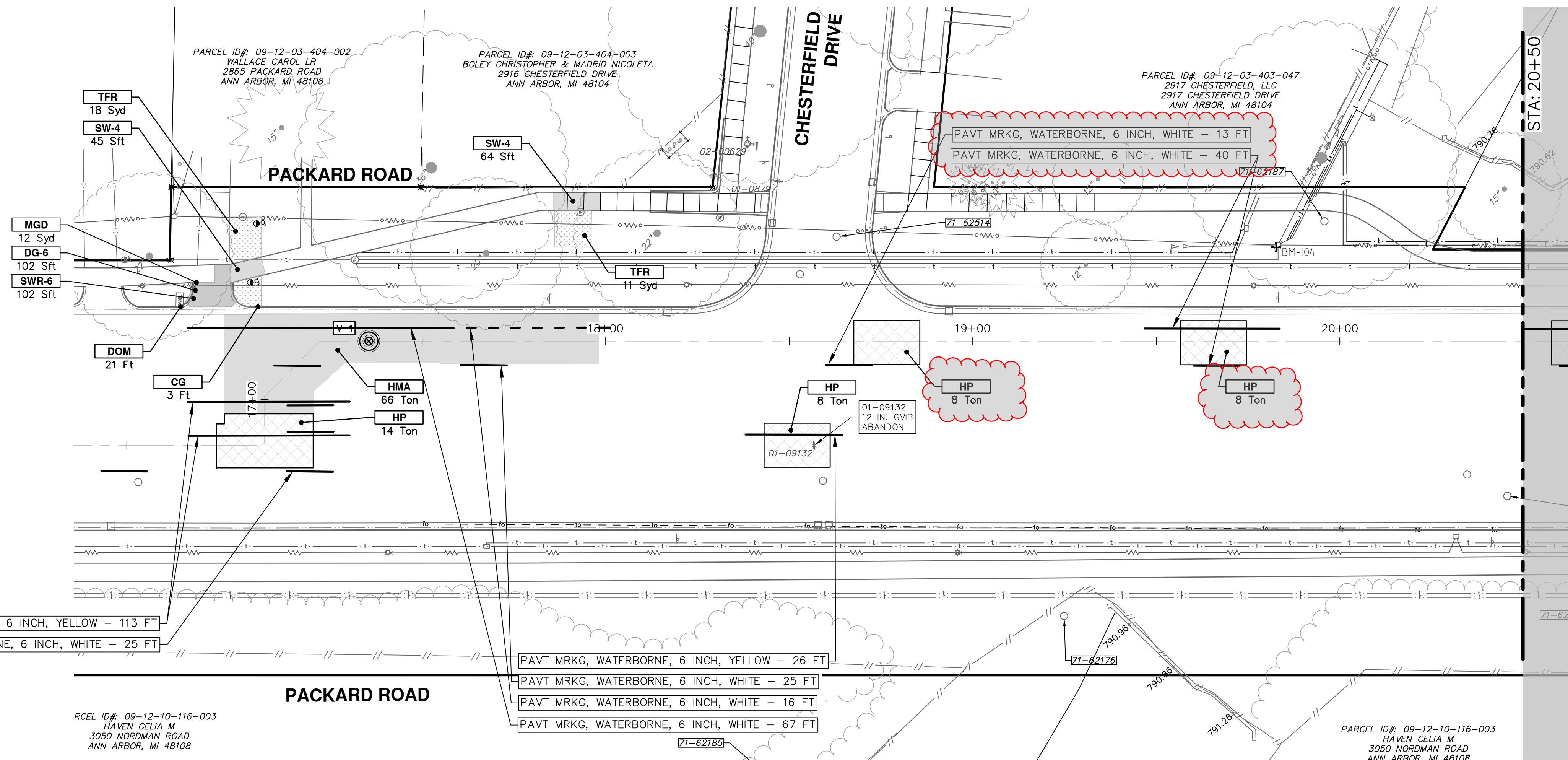
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PACKARD WATER MAIN MALLETS CREEK
 PACKARD WATER MAIN PLAN & PROFILE
 P.O.B. - STA. 20+50

SCALE PLAN: 1" = 20'
 PROFILE: 1" = 4'
 DRAWING NO.: 2025013-9
 SHEET NO.: 9 OF 11

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CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc. Curb or Curb & Gutter, All Types
DOM	Conc. Driveway Opening, Type M
DOM-HE	Conc. Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc. Sidewalk, 4 In.
SWR-6	Conc. Sidewalk, Drive Approach, or Ramp, 6 In.
SW6-HE	Conc. Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW8	Conc. Sidewalk, Drive Approach, or Ramp, 8 In.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust
TFR	Turf Restoration

Know what's below. Call before you dig.

01 APPENDIX #1
03-30-26
03-17-26

DATE
DRAWN
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
PACKARD WATER MAIN ALLEYS CREEK RESTORATION
 P.O.B. - P.O.E.

SCALE PLAN: 1" = 20'

DRAWING No. 2025013-11

SHEET No. 11 OF 11

01-09132 12 IN. GVIB ABANDON

01-04376 12 IN. GVIB ABANDON

01-04772 8 IN. TSVB ABANDON

01-08772 8 IN. TSVB ABANDON

01-08163 12 IN. GVIB ABANDON