



Date: March 29, 2023

PROJECT: 2023/2024 Westwood Area Reconstruction – Re-Bid

SUBMITTAL DATE: 2:00 pm on March 30, 2023

ADDENDUM NO. 1: Bid Documents for this project are being modified, supplemented, clarified or augmented as follows as part of this addendum. All revisions will hereby be made a part of the proposed Contract Documents.

The following attachments are issued with this addendum.

Drawings: Reissued project drawing page 28.

Specifications: Reissued specification pages 11 and SP-68.

MODIFICATION NO.	SUMMARY
1	Reissued Proposal Page 11 to be replaced by Page 11 Add 1 with the following changes: <ul style="list-style-type: none"><li>a. Increase Item 4027002 Service Lateral, 4 Inch, SDR 35 to 27 EA. The area noted for repairs, shown on reissued Project Drawing 28, contains 3 additional sewer services to be re-connected during the repair of the sanitary sewer.</li><li>b. Increase Item 4037001 Sanitary Sewer, 8 Inch, Tr Det B to 1474 LFT. Refer to reissued drawing page 28 for locations of additional repairs to be completed on the sanitary sewer system by open excavation.</li></ul>
2	Reissued specification page SP-68 to replace with page SP-68 Add 1 – Reissued to clarify that Pavt, Temp will be paid by the Square Yard <u>NOT</u> Tons, as highlighted.
3	Reissued Project Drawing 28 to show location of repairs required to be completed by open excavation. Each repair location will be approximately 10 feet in length at the depths shown in the sewer line profiles.

## QUESTIONS & CLARIFICATIONS

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- 1) Bid Drawing Set Sheet 2 / 52. What will the approved haul route be? Our disposal site will be either on Beck Rd (just northwest of the intersection of Industrial) or on Mauck Rd (1/2 mile east of Hillsdale St.). We request that the haul route to Beck follow from the jobsite to Barr to Mechanic to Industrial to Beck. We request that the haul route to Mauck follow from the site to Lewis to Spring to Carleton to Hillsdale to Mauck. These routes, to our understanding, would AVOID any need to deal with the road commission. Please advise. The acceptance and/or issuance of haul routes could have a significant impact on the cost of this job and needs to be determined before the bid is submitted.

**ANSWER:** *These routes are both satisfactory as they utilize City Major streets and a County Primary street. NOTE: Barr St. between Fayette St. and Mechanic St. is a Hillsdale County (HCRC) jurisdictional road and subject to the rules of and regulations of the HCRC. No approvals would be given for hauling on City Local (Residential) streets outside the project limits. Lewis St., Spring St., Bacon St., and West St. are all acceptable City Major streets and Westwood St. would be acceptable to utilize for access West St.*

- 2) Sheet 2 / 52, "Field Tiles Not Included On Plans": we need to know what the "direction of the engineer" is. Or, can we assume that one stick of pipe, or total width of trench will be what is expected?

**ANSWER:** *This note refers to tiles that were not included on the plans and were not discovered during the survey and field investigations. Restoring the functionality within the trench would be the expectation in the majority of situations.*

- 3) Sheet 2 / 52, Sanitary Bypass: what will be adequate? The note says that we have to coordinate with the owner. Maybe you can give us some idea of flows?

**ANSWER:** *This area is serving a fully residential area. We estimate water usage at an average home to be 200 gal/day and we expect 100% of that water to reach the sanitary sewer system. We estimate the maximum homes being served by the sanitary sewer sections being replaced to be approximately 50.*

- 4) Sheet 2 / 52, Clearing, Special: is this limited to the public ROW? And this will NOT include tree trimming (which will be done by the City)?

**ANSWER:** *Clearing, Special, per the Special Provision (SP), refers to the work areas adjacent to the roadways AND areas noted as "Clearing, Special" on Drawing Sheets 20 and 23. Tree trimming along the roadways will be completed as need by the city. Trees in the area noted on sheet 23 will be felled by the city and left on-site to be removed by the Contractor as part of this contract per the SP.*

- 5) Sheet 2 / 52, Dewatering: can we pump into existing storm structures? Notes indicate prior approval by owner, but we need to cost this based on what will be allowed. Thanks

**ANSWER:** *Pumping into existing functional storm structures would be acceptable and to our knowledge the current system is working adequately.*

- 6) Sheet 15 / 52, Guy Wires & Poles: Note on sheet says we will coordinate with City for support of guy wires. Will there be cost for such support?

**ANSWER:** Any costs for guy wire or pole supports will be paid by the city.

- 7) Sheet 50 / 52, Thrust Block details: is there any chance these can be eliminated in-lieu of a restrained system?

**ANSWER:** Thrust blocks will NOT be removed even if it is a restrained system.

- 8) Sheet 50 / 52 (and then as sheet 51 / 52), "Pipe Bedding Detail for 12" And Smaller Water main": This detail is different from typical MDOT Trench Detail B and Trench Detail G. Which will be incorporated? What is drawn on the detail sheets included in the plan set or typical MDOT details? Thanks.

**ANSWER:** The detail shown on page 50, "Pipe Bedding Detail for 12" And Smaller Water main" or MDOT Trench Detail G are both acceptable for backfill of the water main on this project. MDOT Trench Detail B for Sewer Systems or the detail on page 51 are both acceptable. It should be noted that both water main and sewer will be considered under the influence or under the roadway.

Sincerely,



Kristin L. Bauer, P.E.  
City Engineer – 517-437-6479

PAY ITEM	ITEM DESCRIPTION	QUANT	UNIT	UNIT COST	TOTAL COST
4027002	Service Lateral, 4 Inch, SDR 35	2i	EA	\$	\$
4027050	Sanitary Sewer Manhole, 48 Inch Dia	11	EA	\$	\$
4027051	Sewer Bulkhead, 12 Inch	1	EA	\$	\$
4027052	Sewer Bulkhead, 8 Inch	2	EA	\$	\$
4027053	Sewer Service Tap, 4 Inch @ Sewer Main	24	EA	\$	\$
4030005	Dr Structure, Cover, Adj, Case 1	38	EA	\$	\$
4030006	Dr Structure, Cover, Adj, Case 2	2	EA	\$	\$
4030200	Dr Structure, 24 Inch Dia	27	EA	\$	\$
4030210	Dr Structure, 48 Inch Dia	14	EA	\$	\$
4030220	Dr Structure, 60 Inch Dia	2	EA	\$	\$
4030312	Dr Structure, Tap, 12 Inch	1	EA	\$	\$
4030390	Dr Structure, Temp Lowering	30	EA	\$	\$
4037001	Sanitary Sewer, 8 Inch, TR Det B	14i 4	LFT	\$	\$
4037050	#1045 EJ Casting w/ #1040 EJ "Storm" Lid	7	EA	\$	\$
4037051	#1045 EJ Casting w/ #1040 EJ "Sanitary" Lid	28	EA	\$	\$
4037052	#7045 EJ Casting	32	EA	\$	\$
4037053	Concrete Collar	1	EA	\$	\$
4040011	Underdrain, Pipe, Open-Graded, 4 Inch, Modified	2000	LFT	\$	\$

**CITY OF HILLSDALE  
SPECIAL PROVISION  
FOR  
TEMPORARY PAVEMENT**

**a. Description.** This work consists of the construction temporary pavement. Except as explicitly modified by this special provision, all materials and mixture requirements of the standard specifications and the contract apply.

**b. Definitions.** For purposes of this special provision, the following definitions will apply:

**Temporary Pavement.** A roadway area constructed to cover a construction trench to help the movement of residential traffic during a seasonal shutdown before removal for final project construction.

**c. Construction.** Construct the temporary pavement in accordance with, subsection 501.03 for HMA pavement of the Standard Specifications for Construction. Remove the temporary pavement in accordance with subsection 204.03 of the Standard Specifications for Construction.

1. Temporary Pavement Maintenance. Do all maintenance with the exception of snow and ice removal during the seasonal shutdown period as needed. Maintain temporary pavement during the seasonal shutdown or removal is required for further construction. Contract price adjustments will be made in the amount of \$2,000 for each occurrence that repairs or renewals are required on the temporary patches that are not attributable to normal wear and tear of traffic, weather or inadequate base condition not addressed in the contract.

2. Temporary Pavement Options. The HMA pavement section consists of one 2-inch lift of 13A HMA.

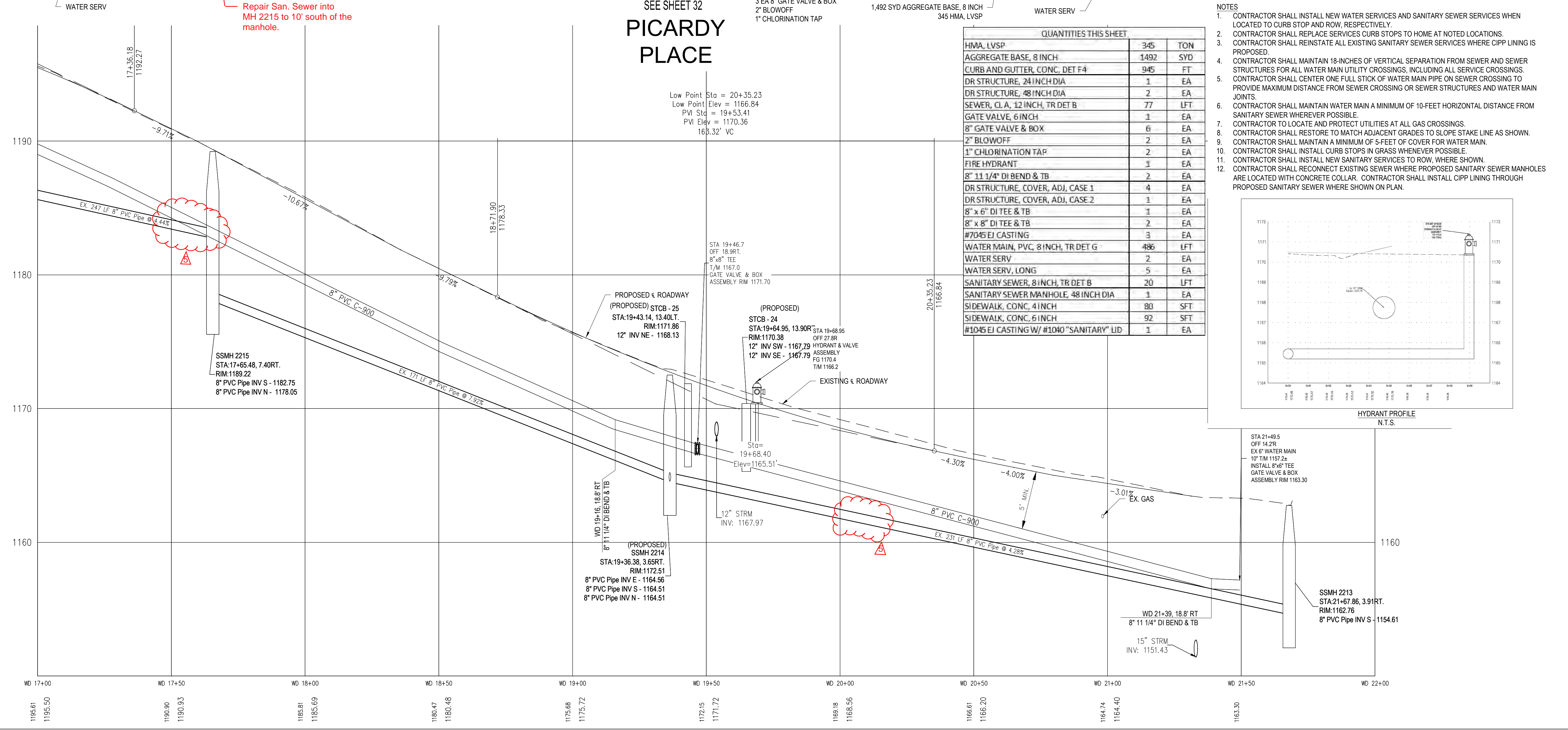
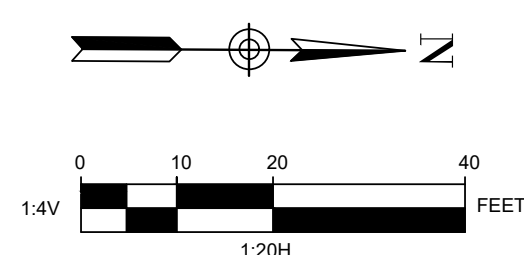
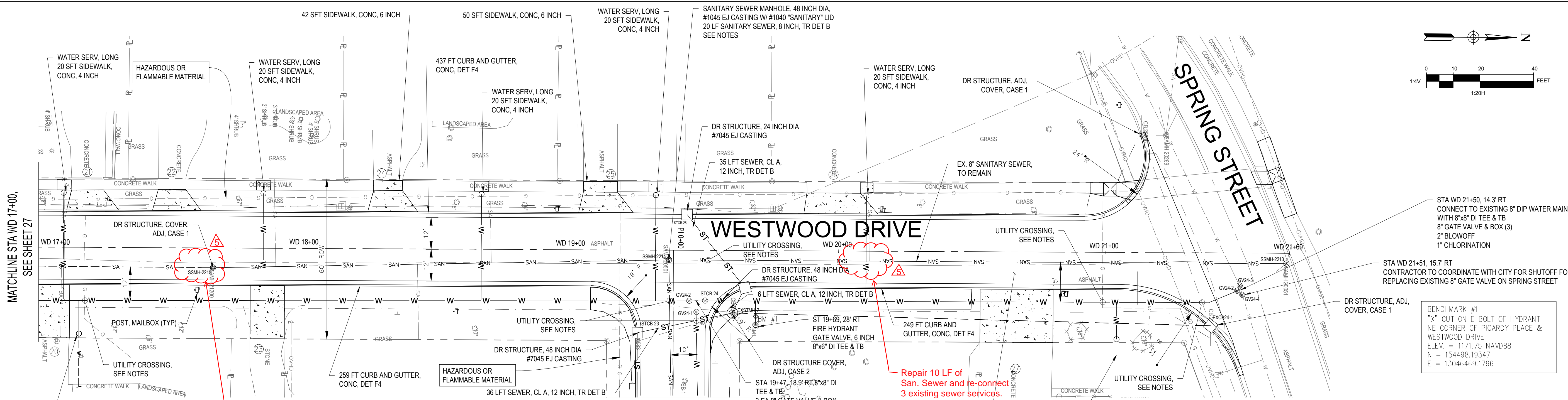
3. Temporary Base Material. The temporary base material for the temporary pavement shall be 10" of compacted material from the existing roadway, as approved by the Project Engineer.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay items:

<b>Pay Item</b>	<b>Pay Unit</b>
Pavt, Temp.....	Square Yard

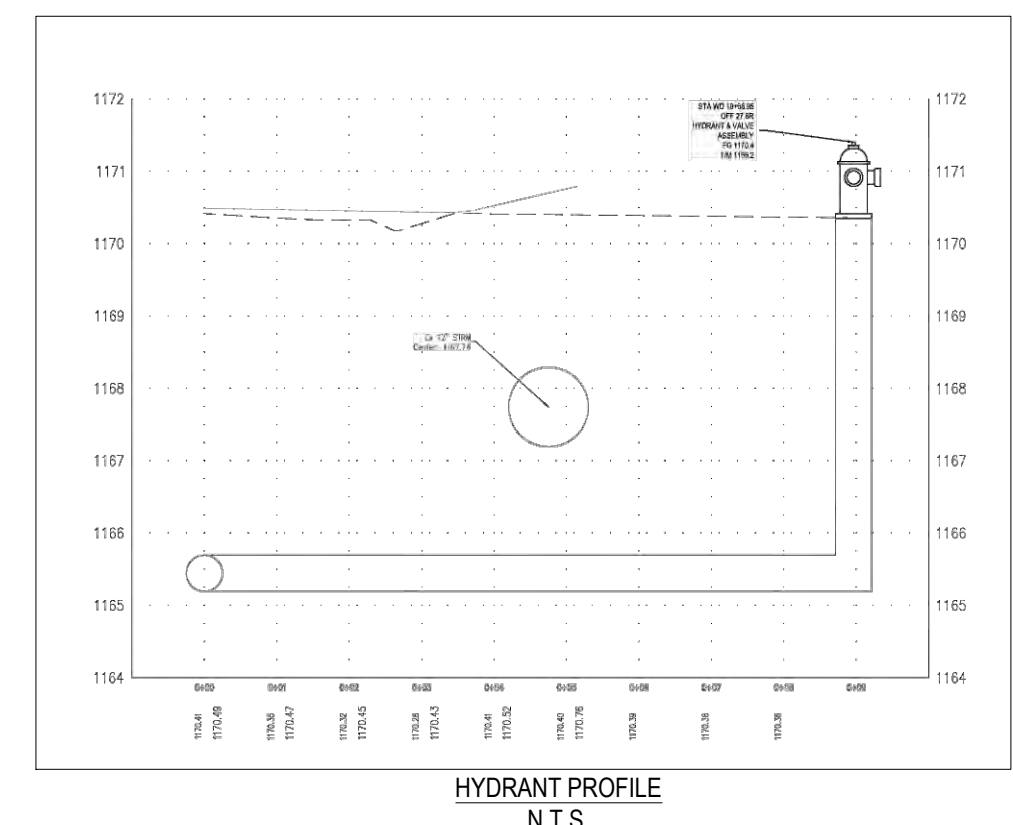
**Pavt, Temp** includes all costs associated with the work described in this special provision. **Pavt, Temp** will be measured and paid for by **tens Square Yard**.

Earthwork and temporary base material required for the temporary pavement areas shall be included in this pay item.



QUANTITIES THIS SHEET		
	345	TON
HMA, LVSP	345	TON
AGGREGATE BASE, 8 INCH	1492	SYD
CURB AND GUTTER, CONC, DET F-4	945	FT
DR STRUCTURE, 24 INCH DIA	1	EA
DR STRUCTURE, 48 INCH DIA	2	EA
SEWER, CL A, 12 INCH, TR DET B	77	LFT
GATE VALVE, 6 INCH	1	EA
8" GATE VALVE & BOX	6	EA
2" BLOWOFF	2	EA
1" CHLORINATION TAP	2	EA
FIRE HYDRANT	1	EA
8" 1 1/4" DI BEND & TB	2	EA
DR STRUCTURE, COVER, ADJ, CASE 1	4	EA
DR STRUCTURE, COVER, ADJ, CASE 2	1	EA
8" x 6" DI TEE & TB	1	EA
8" x 8" DI TEE & TB	2	EA
#7045 EJ CASTING	3	EA
WATER MAIN, PVC, 8 INCH, TR DET G	486	LFT
WATER SERV	2	EA
WATER SERV, LONG	5	EA
SANITARY SEWER, 8 INCH, TR DET B	20	LFT
SANITARY SEWER MANHOLE, 48 INCH DIA	1	EA
SIDEWALK, CONC, 4 INCH	80	SFT
SIDEWALK, CONC, 6 INCH	92	SFT
#1045 EJ CASTING W/ #1040 "SANITARY" LID	1	EA

- NOTES
- CONTRACTOR SHALL INSTALL NEW WATER SERVICES AND SANITARY SEWER SERVICES WHEN LOCATED TO CURB STOP AND ROW, RESPECTIVELY.
  - CONTRACTOR SHALL REPLACE SERVICES CURB STOPS TO HOME AT NOTED LOCATIONS.
  - CONTRACTOR SHALL REINSTATE ALL EXISTING SANITARY SEWER SERVICES WHERE CIPP LINING IS PROPOSED.
  - CONTRACTOR SHALL MAINTAIN 18-INCHES OF VERTICAL SEPARATION FROM SEWER AND SEWER STRUCTURES FOR ALL WATER MAIN UTILITY CROSSINGS, INCLUDING ALL SERVICE CROSSINGS. CONTRACTOR SHALL CENTER ONE FULL STICK OF WATER MAIN PIPE ON SEWER CROSSING TO PROVIDE MAXIMUM DISTANCE FROM SEWER CROSSING OR SEWER STRUCTURES AND WATER MAIN JOINTS.
  - CONTRACTOR SHALL MAINTAIN WATER MAIN A MINIMUM OF 10-FEET HORIZONTAL DISTANCE FROM SANITARY SEWER WHEREVER POSSIBLE.
  - CONTRACTOR TO LOCATE AND PROTECT UTILITIES AT ALL GAS CROSSINGS.
  - CONTRACTOR SHALL RESTORE TO MATCH ADJACENT GRADES TO SLOPE STAKE LINE AS SHOWN.
  - CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5-FEET OF COVER FOR WATER MAIN.
  - CONTRACTOR SHALL INSTALL CURB STOPS IN GRASS WHENEVER POSSIBLE.
  - CONTRACTOR SHALL INSTALL NEW SANITARY SERVICES TO ROW, WHERE SHOWN.
  - CONTRACTOR SHALL RECONNECT EXISTING SEWER WHERE PROPOSED SANITARY SEWER MANHOLES ARE LOCATED WITH CONCRETE COLLAR. CONTRACTOR SHALL INSTALL CIPP LINING THROUGH PROPOSED SANITARY SEWER WHERE SHOWN ON PLAN.



NO.	DATE	BY	DESCRIPTION
1	01/20/23	ACH	PRELIMINARY PLANS
2	12/12/2022	ACH	PERMITTING PLANS
3	10/27/2023	ACH	CONSTRUCTION PLANS
4	03/09/2023	VOM	REISSUE CONSTRUCTION PLANS
5	03/29/2023	KLB	ADDENDUM 1

237 NORTH MAIN STREET  
ADRIAN, MI 49221  
TEL: 517.263.4515

PROJECT NO.: 03/08/2023  
PROJECT NO.: H486002  
DRAWN BY: JJP  
CHECKED BY: ACH

TECHNICAL SKILL:  
CREATIVE SPIRIT.

**Mannik Smith GROUP**  
www.MannikSmithGroup.com

PREPARED FOR:  
**CITY OF HILLSDALE**  
97 BROAD STREET  
HILLSDALE, MI 49242

**WESTWOOD AREA RECONSTRUCTION**  
WESTWOOD AREA

**WESTWOOD DRIVE PLAN & PROFILE**  
Sta. WD 17+00 to  
Sta. WD 21+34

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