

## ADDENDUM NO. 1

### CITY OF GROSSE POINTE WOODS

#### Hampton Rd Water Main & Resurfacing

The following changes to and/or clarifications of the Contract Documents will be incorporated in said Contract Documents and such changes shall be allowed for in the price bid by the Contractor, such that the price indicated in the Proposal shall represent the conditions as set forth in the original Contract Documents as modified by this Addendum.

Acknowledgment of receipt of this Addendum and the Bidder's Acceptance of these revised conditions prior to submittal of his bid shall be indicated by adding the Addendum number on the Bid Form.

The following additions, changes, and clarifications are made:

**Addition:**

Underdrain, Subgrade, 4 inch

The above referenced pay item has been added to the Bid Form. The intent of this pay item of work is to stub 10 feet of underdrain in each direction from each new Catch Basin within the project.

**Addition:**

Geosynthetic Paving Fabric

The above referenced pay item has been added to the Bid Form. The Special Provision for Geosynthetic Paving Fabric has been attached to this addendum.

**Change:**

Bid Form

The Bid Form has been revised to include corrections to pay item quantities and the additional items noted above. Additionally, the pay item for **Aggregate Base, LM** has been replaced with **Aggregate Base**. The revised Bid Form has been attached to this addendum.

**Change:**

General Project Notes

In order to maintain a drivable surface on the north side of the road during stage 1 construction, the Contractor shall not mill the asphalt on the north side until stage 2. The revised General Project Notes have been attached to this addendum.

**Change:**

Plans

Sheets 9, 12, 13, 15, 16, 19, 21, 22, 25, and 27 have been revised to include minor corrections to annotations and plan quantities. The revised sheets have been attached to this addendum.

**END OF ADDENDUM NO. 1**

MICHIGAN  
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION  
FOR  
**GEOSYNTHETIC PAVING FABRIC**

CFS:ARB

1 of 2

APPR:EMC:KPK:09-25-14

**a. Description.** This work consists of providing all labor, equipment, and materials necessary to furnish and install a non-woven geosynthetic interlayer paving fabric. Perform the work in accordance with this special provision, as detailed on the plans and the standard specifications, and as directed by the Engineer.

**b. Materials.** Furnish a non-woven geosynthetic composed of a polyester/fiberglass blend. Ensure the material is resistant to chemicals, mildew, and rot, in addition to meeting the following physical properties:

**Table 1: Non-Woven Geosynthetic Paving Fabric Physical Properties**

Property	Test Method	Units	Value
Mass per unit area	<i>ASTM D 5261</i>	ounces/square yard	≥ 4
Tensile strength	<i>ASTM D 5035</i>	pounds/foot	≥270
Elongation at maximum load	<i>ASTM D 5035</i>	percent	<5
Melting point	<i>ASTM D 276</i>	degrees F	>440
Asphalt retention	<i>ASTM D 6140</i>	gallon/square yard	As recommended by the manufacturer

Furnish asphalt tack coats meeting the requirements as specified in subsection 904.01 and 904.03.A of the Standard Specifications for Construction. Use a PG 64-22 asphalt binder for ambient temperatures under 90 degrees F and PG 70-22 for ambient temperatures over 90 degrees F.

**c. Acceptance.** Geosynthetics will be accepted based on test data certifications. Provide the manufacturer's certification detailing the physical properties of the geosynthetic and published installation guidelines to the Engineer at least 7 calendar days prior to installation. Geosynthetics with defects, tears, punctures, flaws, deterioration, or damage incurred during manufacture, transportation, or storage will be rejected. Remove and replace any geosynthetic paving fabric damaged during installation or discovered to be unbonded from the asphalt tack coated surface preceding HMA paving operations at the Contractor's expense.

Asphalt tack coat will be accepted according to the asphalt binder for bituminous mixtures subsection 904.03A of the *Materials Quality Assurance Procedures Manual*.

**d. Construction.** Install geosynthetic interlayer paving fabric in strict accordance with the manufacturer's published guidelines including surface preparation. Ensure installation of the geosynthetic interlayer paving fabric is witnessed during start-up and initial placement by a trained and experienced installer approved by the manufacturer or their agent.

1. **Surface Preparation.** Prior to placement of asphalt tack coat and paving fabric, the application surface must be dry and clear of dirt, gravel, and debris. All additional work to prepare the surface, including joint/crack repair of cracks over 1/4 inch or correcting irregular surface conditions by use of an hot mixed asphalt (HMA) leveling course will be as directed by the Engineer and will not be included in this item of work.

2. **Tack Coat Application.** Ambient temperatures during installation will be 40 degrees F or higher. At the point of installation, the optimum asphalt tack temperature is between 325 degrees and 400 degrees F. Apply the asphalt tack coat at an application rate between 0.18 and 0.25 gallons per square yard to take into account the condition of the existing surface. Closely coordinate asphalt tack coat application with paving fabric installation to ensure paving fabric is placed while asphalt tack coat is still liquid and hot. Traffic is prohibited from driving on the asphalt tack coat.

3. **Paving Fabric Installation.** Install paving fabric only to the limits that can be covered by HMA pavement the same day. Use mechanically powered installation equipment capable of unrolling and seating full width rolls up to 12.5 feet, or other approved equipment, for paving fabric pavement. Installation by hand may also be used in situations requiring specially cut sections. Remove all bubbles and wrinkles and ensure the paving fabric is completely in contact with the prepared asphalt tack coated surface. Ensure all wrinkles greater than 1 inch in width and/or height are slit and lapped in the direction of paving and seated into the tack coat. Overlap the paving fabric a minimum of 2 inches longitudinally and 4 inches transversely with the top surface of transverse joints running in the direction of the paving operation. Ensure all overlapped joints are tack coated to ensure proper adhesion. As directed by the Engineer, traffic may be permitted on the installed paving fabric for limited periods. Closely coordinate paving fabric installation with HMA paving operations to minimize exposure to traffic.

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

Pay Item	Pay Unit
Geosynthetic Paving Fabric.....	Square Yard

**Geosynthetic Paving Fabric** includes full compensation for all materials, equipment, tools, labor, and incidentals needed to clean the application surface, furnish and place the asphalt tack coat, and furnish, place, and smooth the paving fabric. Additional compensation will not be made for overlaps, splices, or extra material cut off.

# BID FORM

## CITY OF GROSSE POINTE WOODS

### HAMPTON ROAD WATER MAIN AND RESURFACING

AEW Project No. 0160-0456

**BID SUBMITTED BY:** \_\_\_\_\_  
Company Name

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**ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is submitted to:

City Clerk  
City of Grosse Pointe Woods  
20025 Mack Plaza  
Grosse Pointe Woods, Michigan 48236-2397

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS**

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site, if any, and all drawings of physical conditions relating to existing surface or subsurface structures at the Site, if any, that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and

drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.
- K. Bidder is aware that the Owner's decision to proceed with the Project is subject to Owner's determination that all legal, financial and grant approvals, conditions and requirements have been received or met and the funding necessary to complete the project is in hand, and that if all of the foregoing has not been received, the Owner may elect not to proceed with the project in which case no bidder shall have a claim of any kind in contract, tort, equity or otherwise, against the Owner.
- L. Bidders acknowledge that Owner retains the unrestricted right not to proceed with the project and to reject all Bids received. In either case, Owner shall not be liable to any Bidder under any theory including contract, tort, equity or otherwise.
- M. Bidder acknowledges that the unexpected presence and location of existing underground utilities and resulting conflicts with such utilities are ordinarily encountered and generally recognized as inherent in subsurface sewer and appurtenant work in areas that have been previously developed.



**ARTICLE 4 – BIDDER’S CERTIFICATION****4.01 Bidder certifies that:**

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
  - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 – BASIS OF BID (SEE FOLLOWING PAGE)**

**CITY OF GROSSE POINTE WOODS  
HAMPTON ROAD WATER MAIN AND RESURFACING  
AEW PROJECT NO. 0160-0456**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Bid Unit Price</u>	<u>Bid Price</u>
1.	_Reimbursed Permit Fees	1,500	Dlr	\$ 1.00	\$ 1,500.00
2.	Mobilization, Max \$55,000	1	LS		
3.	Tree, Rem, 19 inch to 36 inch	2	Ea		
4.	Tree, Rem, 37 inch or Larger	1	Ea		
5.	Tree, Rem, 6 inch to 18 inch	23	Ea		
6.	Dr Structure, Abandon	1	Ea		
7.	Dr Structure, Rem	24	Ea		
8.	Sewer, Rem, Less than 24 inch	432	Ft		
9.	Curb and Gutter, Rem	3,700	Ft		
10.	Pavt, Rem	207	Syd		
11.	Sidewalk, Rem	430	Syd		
12.	Exploratory Investigation, Vertical	16	Ft		
13.	_Driveway, Rem	800	Syd		
14.	_Subgrade Undercutting, Modified	200	Cyd		
15.	_Subgrade Undercutting, Special	100	Cyd		
16.	Erosion Control, Inlet Protection, Fabric Drop	28	Ea		
17.	Aggregate Base	500	Ton		
18.	Aggregate Base, 6 inch	1,100	Syd		
19.	Aggregate Base, 11 inch	625	Syd		
20.	Aggregate Base, Conditioning	5,000	Syd		
21.	Maintenance Gravel	250	Ton		
22.	_Trenching, Modified	38	Sta		
23.	Sewer, CI IV, 12 inch, Tr Det B	431	Ft		
24.	_Post-TV Sewer Laterals	62	Ea		
25.	_Pre-TV Sewer Laterals	62	Ea		
26.	_Sanitary Lead Repair	5	Ea		
27.	_Sewer Bulkhead, 10 inch	1	Ea		
28.	Dr Structure Cover, Adj, Case 1	19	Ea		

**CITY OF GROSSE POINTE WOODS  
HAMPTON ROAD WATER MAIN AND RESURFACING  
AEW PROJECT NO. 0160-0456**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Bid Unit Price</u>	<u>Bid Price</u>
29.	Dr Structure Cover, Adj, Case 2	1	Ea		
30.	Dr Structure, 24 inch dia	20	Ea		
31.	Dr Structure, 48 inch dia	8	Ea		
32.	Dr Structure, Tap, 12 inch	18	Ea		
33.	_ Catch Basin Cover, Restricted, GPW	27	Ea		
34.	_ Combined Manhole Cover, GPW	20	Ea		
35.	_ Dr Structure Trap, 12 inch	19	Ea		
36.	_ External Structure Wrap, 18 inch	47	Ea		
37.	Underdrain, Subgrade, 4 inch	540	Ft		
38.	_ Pop-Up Emitter, Storm Drain, Residential	2	Ea		
39.	Pavt, Cleaning	1	LS		
40.	HMA Surface, Rem	5,400	Syd		
41.	Hand Patching	20	Ton		
42.	HMA, 4EML	830	Ton		
43.	HMA, 5EML	975	Ton		
44.	_ Cold Milling Pavt	3,900	Syd		
45.	_ Geosynthetic Paving Fabric	8,750	Syd		
46.	_ Driveway, Nonreinf Conc, 6 inch, Modified	900	Syd		
47.	_ Driveway, Nonreinf Conc, 8 inch, Modified	60	Syd		
48.	Driveway Opening, Conc, Det M	86	Ft		
49.	_ Curb and Gutter, Conc, Det F2, Modified	3,600	Ft		
50.	Detectable Warning Surface	70	Ft		
51.	Curb Ramp Opening, Conc	84	Ft		
52.	Sidewalk, Conc, 4 inch	2,125	Sft		
53.	Sidewalk, Conc, 6 inch	400	Sft		
54.	Sidewalk, Conc, 8 inch	45	Sft		
55.	Curb Ramp, Conc, 4 inch	650	Sft		
56.	_ Curb Ramp, Conc, 8 Inch	650	Sft		

**CITY OF GROSSE POINTE WOODS  
HAMPTON ROAD WATER MAIN AND RESURFACING  
AEW PROJECT NO. 0160-0456**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Bid Unit Price</u>	<u>Bid Price</u>
57.	_Traffic Control, Minor Street	1	LS		
58.	_Proposed Trees	25	Ea		
59.	Sodding	2,800	Syd		
60.	Topsoil Surface, Furn, 3 inch	2,800	Syd		
61.	Water, Sodding/Seeding	55	Unit		
62.	_Staking First Row of Sod	3,000	Ft		
63.	Gate Valve, 8 inch	3	Ea		
64.	Gate Well, Abandon	1	Ea		
65.	Gate Well, Rem	2	Ea		
66.	Hydrant, Rem	6	Ea		
67.	Water Main, 8 inch, Cut and Plug	1	Ea		
68.	Water Main, DI, 8 inch, Tr Det G	212	Ft		
69.	Water Serv	3	Ea		
70.	Water Serv, Long	3	Ea		
71.	Gate Well, 60 inch dia	3	Ea		
72.	Water Shutoff, Adj, Case 2	1	Ea		
73.	_Irrigation Pipe	400	Ft		
74.	_Water Main, HDPE, DR 11, 8 inch, Pipe Burst	2,791	Ft		
75.	_Fire Hydrant Assembly	6	Ea		
76.	_Gate Well Cover, GPW	3	Ea		
77.	_Sprinkler Head	40	Ea		
78.	_Sprinkler Head, Adj	5	Ea		
79.	_Water Main Connection, 8 inch	2	Ea		
80.	_Water Serv, Modified	129	Ea		
81.	_Water Serv, Special	5	Ea		
82.	_Temporary Water Service	1	LS		
83.	_Audio Visual Record of Construction Area	1	LS		
84.	_Rubbish Pickup	1	LS		
<b>Total of All Bid Prices</b>				<b>\$</b>	

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

**ARTICLE 6 – TIME OF COMPLETION**

- 6.01 The Work will be substantially completed on or before September 30, 2023, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before October 15, 2023.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
  - B. Statement of Qualifications Sheet;
  - C. Project Reference; and
  - D. Subcontractor Listing.

**ARTICLE 8 – DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 – SUBMITTAL**

BIDDER: *[Indicate correct name of bidding entity]*

By: *[Signature]* \_\_\_\_\_

*[Printed name]* \_\_\_\_\_

*(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)*

Title: \_\_\_\_\_

Attest: *[Signature]* \_\_\_\_\_

*[Printed name]* \_\_\_\_\_

Submittal Date: \_\_\_\_\_

Address for giving notices: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Contact Name and e-mail address: \_\_\_\_\_

\_\_\_\_\_

Bidder's License No.: \_\_\_\_\_

*(where applicable)*

## **NOTICE TO BIDDERS**

### **GENERAL PROJECT NOTES**

AEW / mav

1 of 3

0160-0456

#### **CONSTRUCTION STANDARDS**

All work performed under this Contract shall be constructed in accordance with, and by means and methods outlined in the Michigan Department of Transportation (MDOT) 2020 Standard Specifications for Construction except as otherwise modified herein.

The special provisions, specifications and supplemental specifications set-forth hereinafter supplement, or take precedence over, the MDOT 2020 Standard Specifications for Construction as indicated. Unless a Special Provision is provided hereafter, all work shall be performed, and all materials and equipment utilized on this Project, shall meet the requirements of the MDOT 2020 Standard Specifications for Construction.

Traffic shall be maintained throughout the project as provided for in the Plans and in the Special Provision for Maintaining Traffic. Pavement markings, signs and temporary traffic control devices shall be in accordance with the 2011 Michigan Manual on Uniform Traffic Control Devices (MMUTCD).

#### **UTILITY PROTECTION**

Determining the existence and the locations of underground and overhead lines and their protection shall be the responsibility of the Contractor. Utility work referring to the removal, relocation and/or replacement of gas, telephone, and electric power lines, pipes, poles and appurtenances as required, will be done by the forces of the utility company involved. Allowances in the bid for related costs of that work shall be made by the Contractor. CALL MISS DIG. Special consideration shall be given to locating, by hand digging, gas mains and gas services.

Before starting construction, the Contractor shall check with the Utility Companies to ascertain for himself the location of all utilities which might interfere with the work and shall give due notice to all organizations whose utilities will be affected by his operations.

#### **DRAINAGE STRUCTURE COVERS**

The frames and covers of all existing structures that are disturbed during construction are to be salvaged and reused, unless otherwise directed by the Engineer. All existing frames and covers that do not meet current City standards, or are found to be cracked, broken, severely corroded or otherwise unsuitable for reuse shall be replaced with new frames and covers according to the special provision contained herein. The Contractor shall be responsible for storing all removed frames and covers until the City has been given an opportunity to inspect and take possession of any frames covers that they deem salvageable. All frames and covers which are rejected by the City shall be disposed of in a legal manner by the Contractor.

#### **EMERGENCY ACCESS**

The Contractor shall provide access for emergency vehicles and personnel.

Addendum No. 1  
February 14, 2023

**STREET LIGHTING**

All street lights and/or light posts shall be protected by the Contractor. Any damage to the lights and/or light poles or to the buried cables as a result of the Contractor's operations shall be repaired at no additional cost to the Project.

**TREE PROTECTION**

All trees which are found in and around the construction influence area of the work being considered under this project shall be protected from damage during construction. Any tree branches damaged by power equipment during the progression of work shall be neatly trimmed to prevent long term damage. There will be no separate measurement and payment for all work required to protect tree branches from damage or to trim and dress those branches damaged during construction.

**SANITARY FACILITIES**

Necessary sanitary convenience for the use of workmen on the site, properly secluded from public observation, shall be provided and maintained in sanitary condition by the Contractor. The use of sanitary facilities shall be strictly enforced.

**AUDIO VISUAL RECORD OF CONSTRUCTION AREA**

The Contractor shall notify the Engineer a minimum of 72 hours prior to performing video survey.

**SAWCUTTING**

Sawcutting on this Project for the purpose of removing concrete or HMA pavements, walks, drives, etc. shall not be measured and paid for separately. If the materials are found to have not been sawcut to the full depth, the Contractor shall bear the expense of recutting a new joint, if necessary, as directed by the Engineer. All costs for additional removal and replacement beyond what was originally designated will be the responsibility of the Contractor.

**DRIVEWAY ACCESS**

The road shall be constructed using part width construction methods. Construction shall be staged such that no more than half of the residents within the project limits are without driveway access at a given time during construction. Part width construction methods include milling the asphalt surface in two stages to allow for residents to access driveways during stage 1 construction.

**LEAD SERVICES**

Water suppliers are required by the State of Michigan 2018 Lead and Copper Rule Revisions to notify all residents served by lead service lines within 30 days of determining lead service line content. If the Contractor encounters a Lead Service Line, as defined by the State of Michigan 2018 Lead and Copper Rule, the Contractor shall immediately notify both the Owner and the Engineer. The Contractor shall replace all encountered Lead Service Lines according to the special provision contained herein. This project also includes the replacement of various known lead service lines throughout the City. Locations of known lead service lines will be provided by the City.

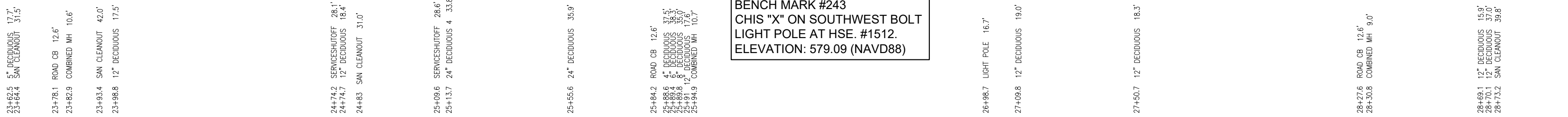


**NOTICES FOR WATER SHUTOFFS**

The Contractor shall provide notice to residents at least 24 hours in advance of any water service shutoff by use of door-hanger or other method approved by Engineer prior to construction. Door-hangers must be submitted to Engineer prior to construction for review and approval.

**CONSTRUCTION STAGING**

In order to maintain a drivable surface on the north side of the road during stage 1 construction, the Contractor shall not mill the asphalt on the north side until stage 1 construction is complete.



## ADDENDUM NO. 1-

MATCH LINE STA. 23+50  
(SEE SHEET 8)

**Water Main, HDPE, DR 11, 8 inch, Pipe Burst**


MATCH LINE STA. 29+00  
(SEE SHEET 10)

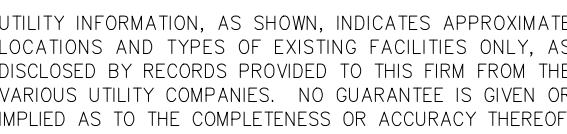
PROJECT NAME:

**HAMPTON ROAD  
WATER MAIN &  
RESURFACING**

(MACK AVE. TO MARTER RD.)

## SHEET TITLE

<input checked="" type="checkbox"/> PRELIMINARY	<input checked="" type="checkbox"/> CONSTRUCTION 1/31/2023	<input type="checkbox"/> RECORD
DRAWN BY: KJP	CHECKED BY: RTW	DATE: AUGUST 2022
SCALE:		
1" = 3' VERT. 1" = 30' HORIZ.		
		



PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES (THAT CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION, VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY).

DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

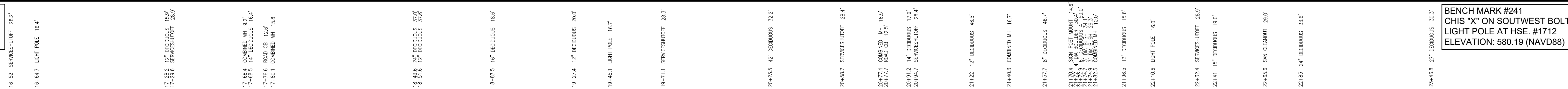
PROJECT NO. 0160-0456

SHEET NO.









## ADDENDUM NO. 1

BENCH MARK #242  
NAIL IN NORTH FACE OF  
UTILITY POLE AT SOUTHEAST  
CORNER GOETHE AVE. &  
HAMPTON RD.  
ELEVATION: 580.94 (NAVD88)



51301 Schoenherr Road Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315

ENGINEERING STRONG COMMUNITIES

PROJECT NAME:

(MACK AVE. TO MARTER RD.)

## REMOVAL PLAN

CITY OF GROSSE POINTE WOODS

1" = 30'

0 15 30 60



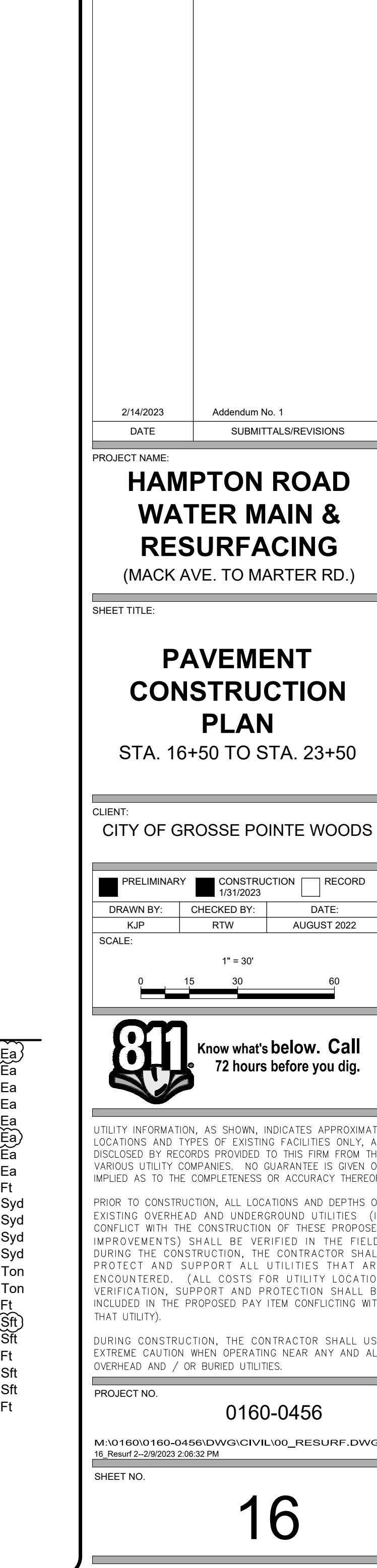
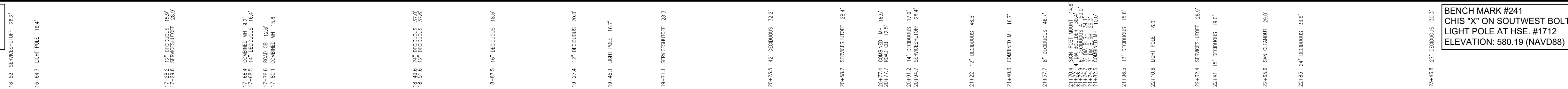
PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY).

PROJECT NC

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ENGINEERING STRONG COMMUNITIES

2/14/2023	Addendum No. 1
DATE	SUBMITTALS/REVISIONS

PROJECT NAME

## HAMPTON ROAD WATER MAIN & RESURFACING

(MACK AVE. TO MARTER RD.)

SHEET TITLE

# PAVEMENT CONSTRUCTION PLAN

STA. 16+50 TO STA. 23+50

CLIENT

CITY OF GROSSE POINTE WOODS

<input checked="" type="checkbox"/> PRELIMINARY	<input checked="" type="checkbox"/> CONSTRUCTION 1/31/2023	<input type="checkbox"/> RECORD
DRAWN BY:	CHECKED BY:	DATE:
KJP	RTW	AUGUST 2022

SCALE:

1" = 30'

A horizontal scale bar with tick marks at 0, 15, 30, and 60 feet. The bar is divided into four equal segments, each representing 15 feet.



UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY. A DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO.

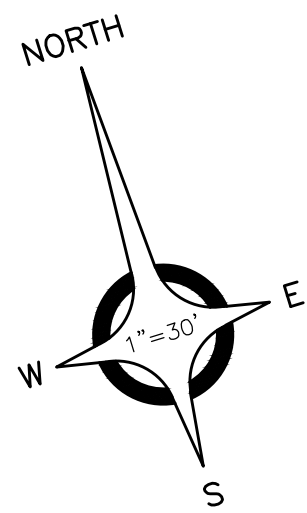
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SHEET NO.

16

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**ADDENDUM NO. 1**

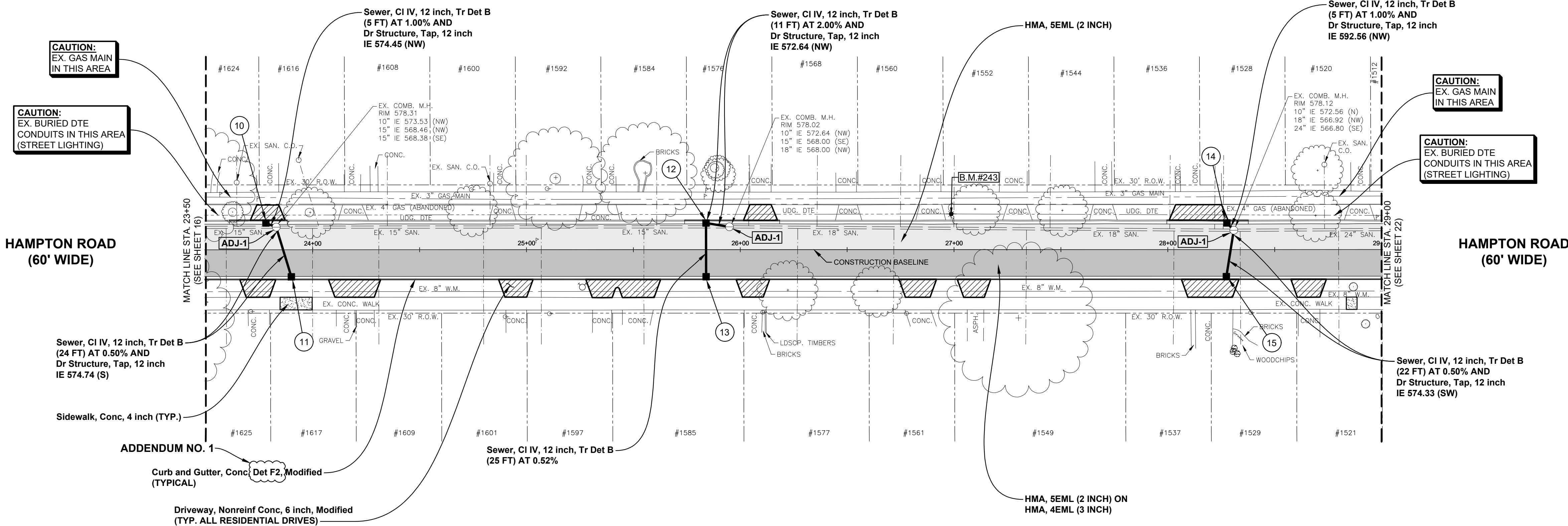
10 Dr Structure, 24 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 23+78.13, 12.7' LT.  
RIM 577.98  
12" IE 574.50 (SE)

**ADDENDUM NO. 1**

12 Dr Structure, 48 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 25.84.00, 12.5' LT.  
RIM 577.84  
12" IE 572.86 (SE)  
12" IE 574.00 (S)

**ADDENDUM NO. 1**

14 Dr Structure, 24 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 25.84.00, 12.5' LT.  
RIM 577.90  
12" IE 572.61 (SE)



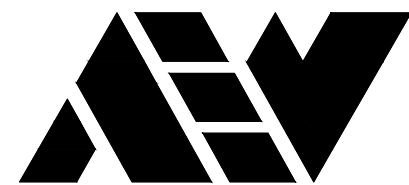
11 Dr Structure, 24 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 23+90.00, 12.7' RT.  
RIM 578.55  
12" IE 574.86 (N)

13 Dr Structure, 24 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 25+84.00, 12.7' RT.  
RIM 578.11  
12" IE 574.13 (N)

15 Dr Structure, 24 inch dia  
WITH 2' SUMP AND  
Dr Structure Trap, 12 inch AND  
External Structure Wrap, 18 inch AND  
Catch Basin Cover, Restricted, GPW  
STA. 28+27.38, 12.7' RT.  
RIM 578.22  
12" IE 574.44 (NE)

### ESTIMATED QUANTITIES (THIS SHEET)

1. Dr Structure Cover, Adj. Case 1	3 Ea
2. Dr Structure, 24 inch dia	5 Ea
3. Dr Structure, 48 inch dia	1 Ea
4. Dr Structure Trap, 12 inch	5 Ea
5. Dr Structure, Tap, 12 inch	5 Ea
6. External Structure Wrap, 18 inch	9 Ea
7. Catch Basin Cover, Restricted, GPW	6 Ea
8. Combined Manhole Cover, GPW	3 Ea
9. Sewer, CI IV, 12 inch, Tr Det B	92 Ft
10. Aggregate Base, 6 inch	216 Syd
11. Aggregate Base, 11 inch	84 Syd
12. Aggregate Base, Conditioning	764 Syd
13. Driveway, Nonreinf Conc, 6 inch, Modified	185 Syd
14. HMA, 4EML	128 Ton
15. HMA, 5EML	165 Ton
16. Curb and Gutter, Conc Det F2, Modified	660 Ft
17. Sidewalk, Conc, 4 inch	118 Sft



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ENGINEERING STRONG COMMUNITIES

2/14/2023	Addendum No. 1
DATE	SUBMITTALS/REVISIONS
PROJECT NAME:	
<b>HAMPTON ROAD WATER MAIN &amp; RESURFACING</b>	
(MACK AVE. TO MARTER RD.)	
SHEET TITLE:	
<b>PAVEMENT CONSTRUCTION PLAN</b>	
STA. 23+50 TO STA. 29+00	
CLIENT:	
CITY OF GROSSE POINTE WOODS	
LEGEND:	
PRELIMINARY CONSTRUCTION RECORD	
DRAWN BY: KJP CHECKED BY: RTW DATE: AUGUST 2022	
SCALE: 1" = 30'	
0 15 30 60	



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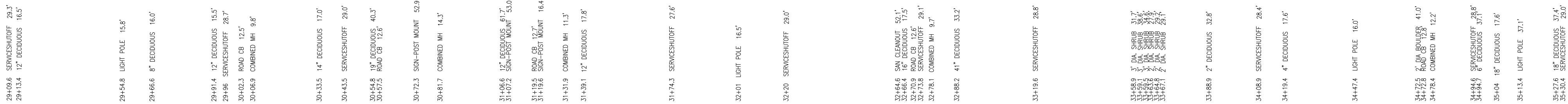
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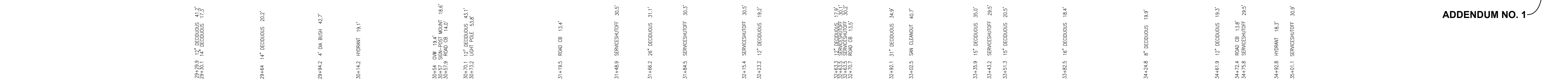




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ENGINEERING STRONG COMMUNITIES



**HAMPTON ROAD  
WATER MAIN &  
RESURFACING**  
(MACK AVE. TO MARTER RD.)

SHEET TITLE

## REMOVAL PLAN

CLIENT: CITY OF GROSSE POINTE WOODS

SCALE:

1" = 30'

A horizontal scale bar with tick marks at 0, 15, 30, and 60. The bar is divided into four equal segments, each representing 15 feet. The segments are filled with alternating black and white colors.



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PROJECT NO. \_\_\_\_\_

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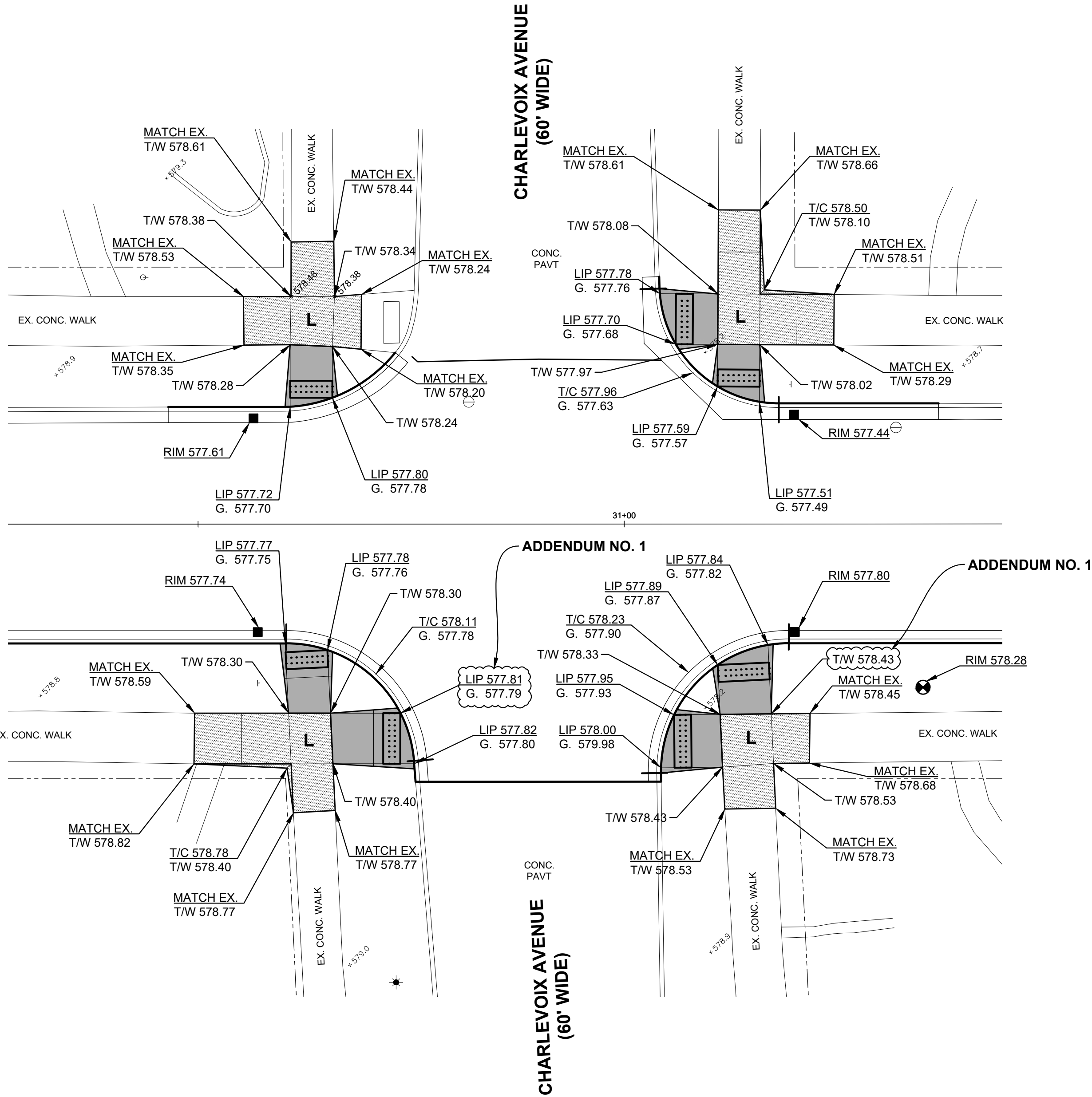


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ENGINEERING STRONG COMMUNITIES



**HAMPTON ROAD  
(60' WIDE)**

2/14/2023	
DATE	SUBMITTALS/REVISIONS

# HAMPTON ROAD WATER MAIN & RESURFACING (MACK AVE. TO MARTER RD.)

SHEET TITLE


# INTERSECTION GEOMETRICS & SIDEWALK RAMP SCHEMATICS

## CLIENT

CITY OF GROSSE POINTE WOODS

<input checked="" type="checkbox"/> PRELIMINARY	<input checked="" type="checkbox"/> CONSTRUCTION 1/31/2023	<input type="checkbox"/> RECORD
DRAWN BY: KJP	CHECKED BY: RTW	DATE: AUGUST 2022

SCALE: 1" = 10'





**Know what's below. Call**  
**72 hours before you dig.**

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VERHEAD AND / OR BURIED UTILITIES.

PROJECT NO.

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