

ADDENDUM NUMBER #1

Page 1 of 1

PROJECT	BIDS DUE
Charter Township of Garfield South Airport Road Force Main Replacement GFA Project No: 26273	Date: October 22, 2026 Time: 9:00 AM Location: Charter Township of Garfield 3848 Veterans Drive Traverse City, MI 49684

The Addendum is issued prior to the receipt of bid proposals to amend the Contract Documents as follows. Bidders shall acknowledge receipt of this addendum by including with their bid package and signing below.

CLARIFICATIONS

1. An alternate is proposed with this project and the bid sheet has been updated and included with this addendum which replaces the bid tab in the original RFP. In addition, the base bid has been updated to reflect some quantity and bid item clarification and adjustments.

SPECIFICATIONS

1. Specification 01270 - Measurement and Payment has been updated to reflect bid items for the alternate and additional clarifications and/or corrections. This specification supersedes and replaces the original in the RFP.

DRAWINGS

1. Sheet C2.1A included in this addendum shall be incorporated into the bid documents. This sheet has been added to the plan set to reflect an Alternate.
2. Sheet C3.1 shall be stricken in its entirety and shall be replaced with the attached and incorporated into the bid docs. The sheet has been modified to include additional details for the alternate and additional clarifications.

This Addendum No. 1 becomes part of the Contract Documents as of this date and supersedes the information in the originally issued Contract Documents where applicable. The Contractor shall acknowledge receipt of the Addendum in the Bid by signing below.

Bidders Signature



Addendum #1 Proposal Form:

Bidders are instructed to submit bids for this project on a lump sum basis and are tax inclusive.

All work shall be performed in compliance with specifications and drawings and terms identified in the RFP and applicable laws.

BASE BID

No.	Item	Est. Quantity	Unit	Unit Price	Item Cost
A. Forcemain Replacement					
1	Mobilization, max 5%	1	LS		
2	Traffic Control	1	LS		
3	Dewatering	1	LS		
4	SESC Controls	1	LS		
5	Bypass Pumping / Pump & Haul, Forcemain	1	LS		
6	Bypass Pumping / Pump & Haul, Sanitary Sewer	1	LS		
7	Forcemain, 14" HDPE DR 11 (DIPS)	45	LF		
8	Forcemain, 14" HDPE DR 11 (DIPS), Directional Drill	1300	LF		
9	Sanitary Sewer, 15" HDPE DR 17 (DIPS), Directional Drill	120	LF		
10	Sanitary Manhole, 4' Dia.	1	EA		
11	Doghouse Manhole including internal drop, 5' Dia.	1	EA		
12	Connect to Existing Forcemain	1	EA		
13	Connect to Manhole	3	EA		
14	Two Way Cleanouts	3	EA		
15	Gate Valve & Box, 10"	2	EA		
16	Sidewalk Removal & Replacement	170	SF		
17	Asphalt Drive Removal & Replacement	100	SF		
18	Site Restoration & Cleanup	1	LS		
B. South Airport Road Repair – Two West Bound Lanes					
1	Mobilization, max 5%	1	LS		
2	Traffic Control & Striping	1	LS		
3	Asphalt Surface, Pulverize	2350	SY		
4	Aggregate Base Conditioning	2350	SY		
5	Asphalt, Top & Base	600	TN		
BASE BID TOTAL					\$



ALTERNATE BID

No.	Item	Est. Quantity	Unit	Unit Price	Item Cost
C. Forcemain Replacement					
1	Mobilization, max 5%	1	LS		
2	Traffic Control	1	LS		
3	Dewatering	1	LS		
4	SESC Controls	1	LS		
5	Bypass Pumping / Pump & Haul, Forcemain	1	LS		
6	Bypass Pumping / Pump & Haul, Sanitary Sewer	1	LS		
7	Forcemain, 14" HDPE DR 11 (DIPS)	45	LF		
8	Forcemain, 14" HDPE DR 11 (DIPS), Directional Drill	1400	LF		
9	Doghouse Manhole including internal drop, 5' Dia.	1	EA		
10	Connect to Existing Forcemain	1	EA		
11	Connect to Manhole	1	EA		
12	Two Way Cleanouts	4	EA		
13	Gate Valve & Box, 10"	2	EA		
14	Sidewalk Removal & Replacement	170	SF		
15	Asphalt Drive Removal & Replacement	100	SF		
16	Site Restoration & Cleanup	1	LS		
D. South Airport Road Repair – Two West Bound Lanes					
1	Mobilization, max 5%	1	LS		
2	Traffic Control & Striping	1	LS		
3	Asphalt Surface, Pulverize	2350	SY		
4	Aggregate Base Conditioning	2350	SY		
5	Asphalt, Top & Base	600	TN		
ALTERNATE BID TOTAL					\$



Bidders Signature

Printed Name:

Business Name:

Address:

MI Contractor License No.:

Telephone:

Email:

The Township reserves the right to reject any or all bids in whole or in part, if it is determined that the best interest of the Township will be served by doing so. In determining an award, qualifications and availability of the bidder, conformity with the scope of services to be supplied, cost, quality, delivery terms and past performance on Township contracts will be considered.

SECTION 01270 – MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.01 SUMMARY

- A. Refer to Article of the General Conditions.
- B. Bid price includes all labor, tools, equipment, materials, transportation, applicable fees, and sales tax necessary to complete the work in accordance with the Plans and Specifications. In addition, where applicable, all excavation, backfilling, density, and all accessory related work not paid for separately in order to complete the installation according to the plans and specifications.
- C. All measurement and payment will be based on completed work, ready for use, performed in strict accordance with the Plans and Specifications.
- D. Owner reserves the right to delete any line item or quantity on the BID FORM.
- E. All work shall conform to all applicable OSHA standards.
- F. Owner reserves the right to delete divisions from this contract.

1.02 APPLICATION FOR PAYMENT

- A. Pay period: Begins on the 1st of the month and continues through the end of the following month.
- B. Payment requests shall be submitted on the forms included in the Specifications and shall be submitted no later than 25th of each month.

1.03 SUBMITTALS

- A. Submit Conditional Partial Waiver of Lien with each application for payment request, as specified in the General Conditions paragraph 14.2.
- B. Prior to the first partial payment, submit a construction progress schedule in accordance with Article 2.05.B.1 of the General Conditions.

1.04 PAY ITEM DESCRIPTIONS

A. Forcemain Replacement

- 1. Mobilization: Mobilization: The completed work for mobilization will be paid for at the contract lump sum (LS) price. This payment shall be payment in full for equipment and material delivery, transportation and storage, bonds, insurances, all coordination with the GTCRC, EGLE, Township, Engineers, and public and all other labor and materials.
- 2. Traffic Control: The completed work for traffic control will be paid for at the contract lump sum (LS) price. This payment shall be payment in full for temporary signage, flagging, re-routing of traffic, and any work involved with the temporary closure and the re-routing of traffic as well as all coordination with the GTCRC, Township, Engineers, and public and all

other labor and materials. The proposed traffic control to be implemented shall comply 2020 MDOT Specifications.

3. Dewatering: The completed work for dewatering as shown on the plans and detailed in the specifications, will be paid for at the contract unit price lump sum (LS). Payment shall include, but not limited to, setup, removal, disposal, permitting including applicable fees, and backup power supply including fuel, for the duration necessary to complete the work according to the plans and specifications.
4. SESC Controls: The completed work for SESC controls will be paid for at the contract unit price lump sum (LS) as quoted in the proposal. Payment shall include, but not limited to, all labor, equipment and materials to install erosion control silt fencing, fabric inlet protection, street sweeping, dewatering measures and other temporary measures as mandated by EGLE and Township and as shown on the plans or as required by the Engineer.
5. Bypass Pumping / Pump & Haul, Forcemain: The completed work for forcemain bypass pumping, as shown on the plans and detailed in the specifications, will be paid for at the contract price per lump sum (LS). Payment shall be based on the completion of the work in accordance with the plans and specifications. Price shall be payment in full for all labor, materials, and equipment required to set up, operate, and ensure uninterrupted sewer service during bypass pumping and/or pump and haul operation as necessary to maintain sewer service to users and to divert the flow of sewage around the area at which construction will occur. This pay item shall include, but is not limited to, bulkheads, pumping equipment capable of handling the anticipated flows, stand-by pumps, piping, valves, joints, fittings, thrust and restraint blocks, pumper trucks, temporary bypass structures, cost for electrical, fuel costs, back-up holding trucks for offsite disposal, handling fees, standby power source, pump operators available 24-hours a day, barricading, restoration, cleanup, and other related appurtenances necessary to complete the job, whether specifically mentioned or implied.
6. Bypass Pumping / Pump & Haul, Sanitary Sewer: The completed work for sanitary sewer bypass pumping, as shown on the plans and detailed in the specifications, will be paid for at the contract price per lump sum (LS). Payment shall be based on the completion of the work in accordance with the plans and specifications. Price shall be payment in full for all labor, materials, and equipment required to set up, operate, and ensure uninterrupted sewer service during bypass pumping and/or pump and haul operation as necessary to maintain sewer service to users and to divert the flow of sewage around the area at which construction will occur. This pay item shall include, but is not limited to, bulkheads, pumping equipment capable of handling the anticipated flows, stand-by pumps, piping, valves, joints, fittings, thrust and restraint blocks, pumper trucks, temporary bypass structures, cost for electrical, fuel costs, back-up holding trucks for offsite disposal, handling fees, standby power source, pump operators available 24-hours a day, barricading, restoration, cleanup, and other related appurtenances necessary to complete the job, whether specifically mentioned or implied.
7. Forcemain, 14" HDPE DR 11 (DIPS): The completed work for forcemain installation by method of open cut and testing of the size as shown on the plans and specifications, will be paid for at the contract unit price per linear foot (LF). Payment shall be based on the horizontal field measurements from the point of beginning at existing forcemain connection to the point where the directional drilled forcemain begins. In addition, payment shall also include, but not be limited to, all fittings, pressure testing, clearing and grubbing, all excavation, trench box / sheet piling, field exploration, potholing, backfilling, stone bedding, density of backfilled materials, tracer wire, labor, equipment, furnishing all materials, accessories and

all related items not paid for separately necessary to complete the installation according to the plans and approved methods. (See Standard Details in the plans).

8. Forcemain, 14" HDPE DR 11 (DIPS), Directional Drill: The completed work for forcemain installation by method of directional drilling and testing of the size as shown on the plans and specifications, will be paid for at the contract unit price per linear foot (LF). Payment shall be based on the horizontal field measurements from the point of beginning to the point where the new forcemain ends and discharges to proposed manhole. In addition, payment shall also include, but not be limited to, all fittings, pressure testing, clearing and grubbing, all excavation, trench box / sheet piling, field exploration, potholing, backfilling, stone bedding, density of backfilled materials, tracer wire, labor, equipment, furnishing all materials, accessories and all related items not paid for separately necessary to complete the installation according to the plans and approved methods. (See Standard Details in the plans).
9. Sanitary Sewer, 15" HDPE DR 17 (DIPS), Directional Drill: The completed work for sanitary sewer installation and testing of the size as shown on the plans and specifications, will be paid for at the contract unit price per linear foot (LF). Payment shall be based on the horizontal field measurements from the point of beginning (at connection to manhole MH-#1849) to the point where directional drill ends at the proposed doghouse manhole (MH-#1850). In addition, payment shall also include, but not be limited to, all fittings, pressure testing, clearing and grubbing, all excavation, trench box / sheet piling, field exploration, potholing, backfilling, stone bedding, density of backfilled materials, tracer wire, labor, equipment, furnishing all materials, accessories and all related items not paid for separately necessary to complete the installation according to the plans and approved methods. (See Standard Details in the plans).
10. Sanitary Manhole, 4' Dia.: The completed work for sanitary manhole, 4-foot diameter will be paid for at the contract unit price per each (EA) as quoted in the proposal. Payment shall be based on the actual number of manholes, which includes, but is not limited to, materials shown in plans and in the detail for manholes. The unit price shall include, but not be limited to, all excavation, dewatering, trench box, tight sheeting, bulkheading, backfilling, trucking of materials on and off site, stone bedding, density of backfilled materials, trench box / sheet piling, manhole frame and cover, water stop, construction of flow channel, waterproofing, traffic control, labor, equipment, accessories and all related items not paid for separately necessary to complete the installation according to the plans and specifications.
11. Doghouse Manhole including internal drop, 5' Dia.: The completed work for doghouse manhole, 4-foot diameter will be paid for at the contract unit price per each (EA) as quoted in the proposal. Payment shall be based on the actual number of manholes, which includes, but is not limited to, materials shown in plans and in the detail for manholes. The unit price shall include, but not be limited to, all excavation, dewatering, trench box, tight sheeting, connections to existing sanitary sewer, internal drop piping, backfilling, trucking of materials on and off site, stone bedding, density of backfilled materials, trench box / sheet piling, manhole frame and cover, water stop, construction of flow channel, waterproofing, traffic control, labor, equipment, accessories and all related items not paid for separately necessary to complete the installation according to the plans and specifications.
12. Connect to Existing Forcemain : The completed work for the connection to the existing forcemain shall be paid for at the contract unit price per each (EA). Payment shall be based on the actual number of new connections made. The unit price shall include, but not be limited to, all connections to existing valves, mechanical joint, HDPE to DI adaptor, restraint, retainer gland, concrete thrust block and rebar, field verification of existing forcemain,

excavation, dewatering, backfilling, stone bedding, density of backfilled materials, trench box / sheet piling, thrust blocks, labor, equipment, traffic control, contractor shall verify type of pipe, accessories and all related items, not paid for separately, necessary to complete the installation according to the plans and specifications.

13. Connect to Manhole: The completed work for the connection to manholes will be paid for at the contract unit price each (EA). Payment shall be based on the actual number of forcemain and sanitary sewer (gravity) connections made at manholes MH-#1849 and MH-#1850 as indicated on the plans or as directed by the Engineer and not included in other line items. The unit price shall include pressure testing, all fittings, and accessories necessary to complete the work according to the plans and specifications.
14. Two Way Cleanouts: The completed work for installation and testing of two way cleanout of the size and type, as shown on the plans and detailed in the specifications, will be paid for at the contract unit price per each (EA) and shall be based on the actual quantity installed. Payment shall include, but not be limited to, procurement and installation of two way cleanouts as indicated on plans, all excavation, backfilling, stone bedding, density of backfilled materials, mechanical joint and retainer gland, restraint, concrete thrust block and rebar, testing, labor, equipment, furnishing all materials, accessories and all related items not paid for separately necessary to complete the installation according to the plans and approved methods.
15. Gate Valve & Box, 10": The completed work for installation and testing of gate valve and box as shown on the plans and detailed in the specifications, will be paid for at the contract unit price per each (EA). Payment shall be based on the actual quantity constructed of the size and type specified. Payment shall include, but not be limited to, all excavation, backfill, labor, equipment, furnishing of materials and accessories and all related items not paid for separately necessary to complete the installation according to plans and approved methods.
16. Sidewalk Removal & Replacement: The completed work for the concrete walk will be paid for at the contract unit price square foot (SF) on the basis of the actual quantity constructed within the limits of the plans. The unit price shall include, but is not limited to, concrete, forms, structural rebar, ADA accessible ramps, detectable warning surfaces, ADA landings, aggregate and sand subbase, as well as all other labor, materials, and equipment necessary to complete the work according to the plans and specifications.
17. Asphalt Drive Removal & Replacement: The completed work for the drive will be paid for at the contract unit price square foot (SF) on the basis of the actual quantity constructed within the limits of the plans. The unit price shall include, but is not limited to, asphalt removal and replacement, aggregate and sand subbase, as well as all other labor, materials, and equipment necessary to complete the work according to the plans and specifications.
18. Site Restoration and Clean-up: The completed work for restoration and clean-up will be paid for at the contract lump sum (LS) price. Payment shall be payment in full for soil erosion control measures, landscape repair/replacement, existing ditch and check dam repair / replacement, culvert replacement, raking, seedbed preparation, providing seed, fertilizer, mulch, topsoil and any labor or equipment necessary to complete the work as per the plans and specifications. If spring seeding is necessary, spring seeding will be required and included in the cost of this item.

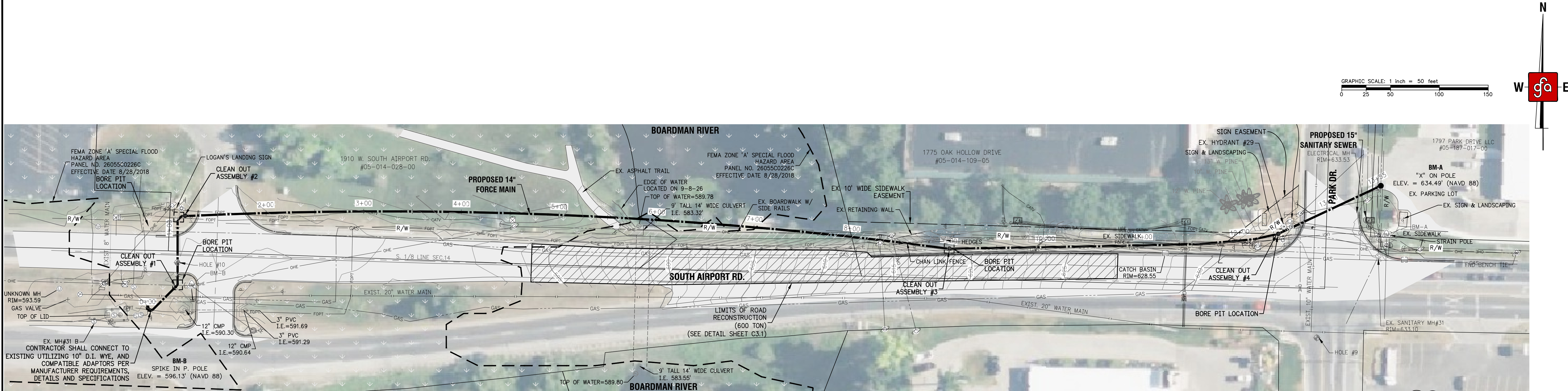
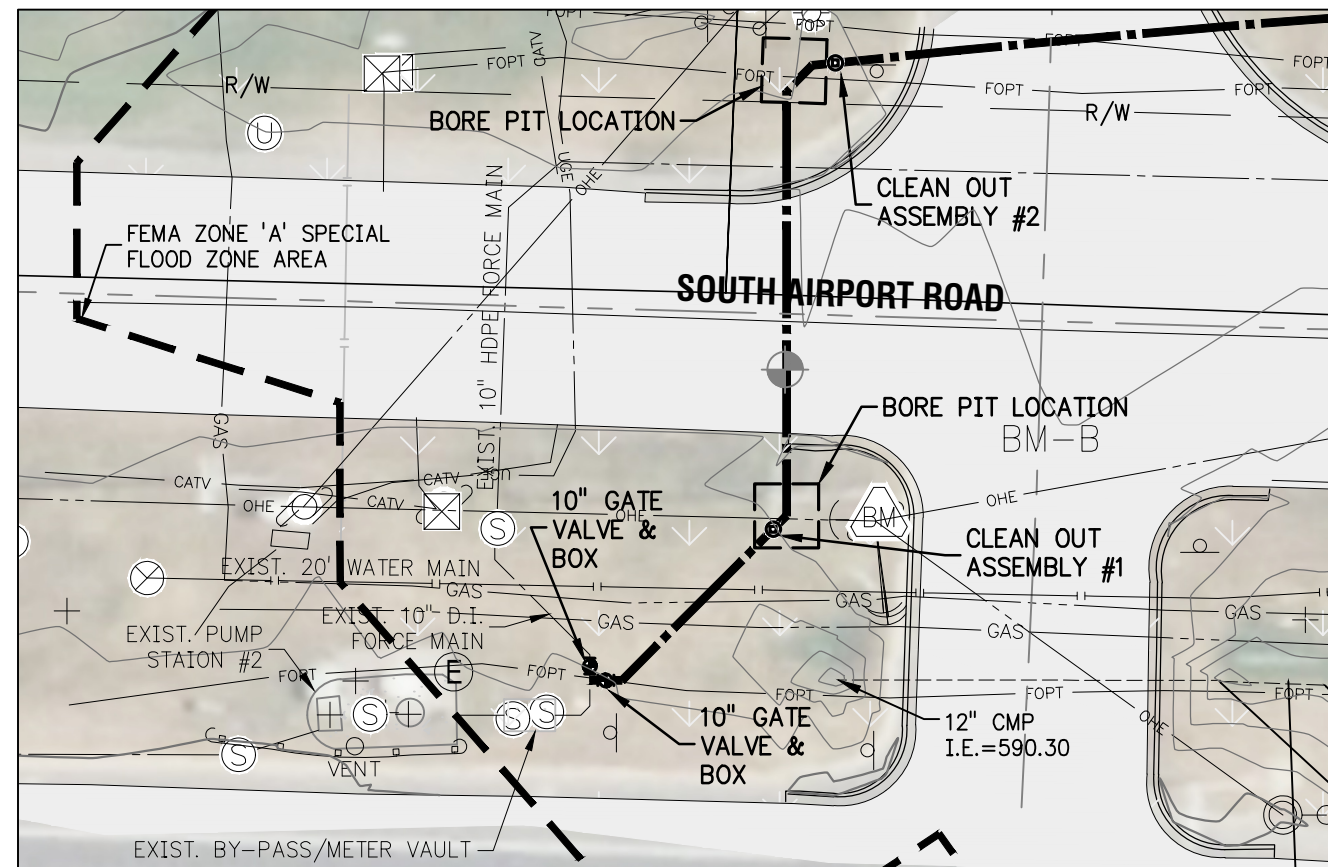
B. South Airport Road Replacement – Two (2) West Bound Lanes

This cost is for the work that is needed as a direct result of the replacement of South Airport Road.

1. Mobilization: The completed work for mobilization will be paid for at the contract lump sum (LS) price. This payment shall be payment in full for equipment and material delivery, transportation and storage, bonds, insurances, all coordination with the GTCRC, MDOT, EGLE, Township, Engineers, public and all other labor and materials.
2. Traffic Control & Striping: The completed work for traffic control and striping will be paid for at the contract lump sum (LS) price. This payment shall be payment in full for temporary signage, flagging, re-routing of traffic, traffic painting as directed by the GTCRC and all coordination with the GTCRC, Township, Engineers, and public and all other labor and materials. The proposed traffic control to be implemented shall comply with 2020 MDOT Specifications.
3. Asphalt Surface Pulverize: The completed work for asphalt surface pulverizing shall be paid for at the contract unit price by the square yard (SY) on the basis of the actual quantity removed as indicated on plans. This unit price shall include, but not be limited to, pavement sawcuts, pavement removal and pulverization, disposal, and all other labor, materials, and equipment necessary to complete the work according to the plans and specifications. Any damage outside of the limits defined on the drawings will be repaired/replaced at no additional cost to the project.
4. Aggregate Base Conditioning: The completed work for aggregate base conditioning shall be paid for at the contract unit price by the square yard (SY) on the basis of the actual quantity conditioned as indicated on plans. This unit price shall include, but not be limited to, all excavation, crushing, shaping, grading aggregate base, subbase preparation, and all other labor, materials, and equipment necessary to complete the work in accordance with the plans and specifications. Any damage outside of the limits defined on the drawings will be repaired/replaced at no additional cost to the project.
5. Asphalt, Top & Base: The completed work for HMA top and base will be paid for at the contract unit price per ton (TN) basis as quoted in the bid and shall include all work as shown on the plans and in accordance with MDOT 2020 Standard Technical Specification and as directed by GTCRC. The price shall include but is not limited to aggregate base, bituminous surfacing, pavement joints, tack coating, asphalt pavement, and all other labor, materials and equipment necessary to complete the work in accordance with plans and specifications. Any damage outside of the limits defined on the drawings will be repaired/replaced at no additional cost to the project.
6. Site Restoration and Clean-up: The completed work for restoration and clean-up will be paid for at the contract lump sum (LS) price. Payment shall be payment in full for soil erosion control measures, landscape repair/replacement, existing ditch and check dam repair / replacement, culvert replacement, raking, seedbed preparation, providing seed, fertilizer, mulch, topsoil and any labor or equipment necessary to complete the work as per the plans and specifications. If spring seeding is necessary, spring seeding will be required and included in the cost of this item.

END OF SECTION 01270

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Notes

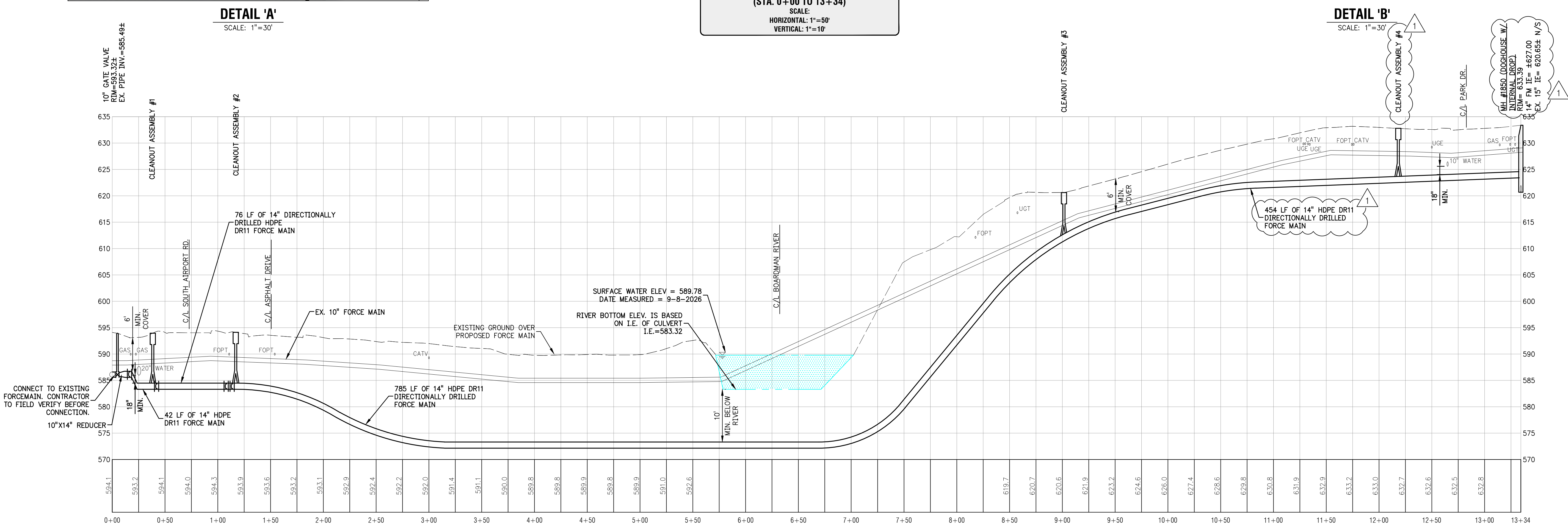
1. ALL EXISTING SHOWN IN GRAY SHALL BE FIELD VERIFIED
2. EXISTING SANITARY FORCEMAIN IS APPROXIMATE BASED UPON 1970 RECORD DRAWINGS AND KNOWN FIELD CONDITIONS. SOIL LOGS ARE ALSO FOR REFERENCE BASED UPON 1970 DATA. CONTRACTOR RESPONSIBLE TO FIELD VERIFY.
3. CONTRACTOR SHALL SUBMIT PLAN TO TOWNSHIP FOR APPROVAL PRIOR TO DEWATERING IS EXPECTED IN LOW AREAS NEAR LOGANS LANDING AND SHALL BE PROVIDED AS PART OF THE PROJECT.
4. INSTALLATION OF SANITARY SEWER AND CONNECTION TO EXISTING ACROSS PARK DRIVE MAY REQUIRE TEMPORARY EASEMENT ACQUISITIONS AND/OR COORDINATION WITH PROPERTY OWNER DUE TO LIMITED RIGHT-OF-WAY. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN APPROVALS AND COORDINATION.
5. CONTRACTOR SHALL ANTICIPATE USING SHEETPIILING OR OTHER MEANS TO MINIMIZE AREAS OF DISTURBANCE, AND IMPACT TO EXISTING UTILITIES AT BORE PIT TO WORK WITHIN LIMITED R.O.W. LIMITS. COST INCLUDED IN COST OF PROJECT.

Soil Log

- HOLE #9:
ELEV. 634.00 - 622.00 SANDY GRAVEL
622.00 WAS DRY SOILS
- HOLE #10:
ELEV. 595.00 - 583.00 SANDY GRAVEL 590.00 WATER TABLE
583.00 - 580.00 MUCK SOIL

FORCE MAIN PROFILE (STA. 0+00 TO 13+34)

SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



CHARTER TOWNSHIP OF GARFIELD SOUTH AIRPORT ROAD FORCE MAIN REPLACEMENT PLAN AND PROFILE SHEET - ALTERNATE 'A' SECTION 14, T.27 N., R.11 W. GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN

DATE: 10/27/2023
DRAWN BY: JENNIFER GRAHAM, P.E.
CHECKED BY: C. BALLANCE, A. BELINGER

26273
C2.1A

231.946.5874 (p)
http://gfa.co



ENGINEERING
SURVEYING
TESTING & OPERATIONS
1820 Oak Hollow Drive
Traverse City, MI 49686

These documents are prepared in accordance with the contractual terms and conditions for this project.

