

ADDENDUM NO. 1

DATE: March 21, 2023

PROJECT: O'PLAINE ROAD WATER MAIN REPLACEMENT

OWNER: VILLAGE OF GURNEE

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents approved for bid, with the amendments as noted below.

This Addendum consists of ten (10) pages. This Addendum contains the following revisions:

1. Addition to the contract documents:

a. IEPA Permit

- i. The IEPA issued the Public Water Supply Construction Permit for this project on March 3rd, 2023 (Permit No. 0834-FY2023).
- ii. Additional Condition 4 of the Water Supply Construction Permit states that the IDNR may require a permit for work within a Special Flood Hazard Area. **The IDNR has been contacted and no additional permitting will be required for the proposed work.**

b. IDOT Construction Permit

- i. The Bond for the Individual Utility Permit Bond is in the amount of \$30,000.
- ii. The Individual Utility Permit Bond Application is attached for reference to the required information. The completed and signed form will not be required until after the project is awarded.

2. Revision to the Summary of Quantities:

- a. Replace Sheets BF 14 & BF 15 of the Project Manual with Pages 5 & 6 of this addenda. Item Number 36, TREE REMOVAL, OVER 15" – 25.2 UNITS is removed from the contract.
- b. The "TREE REMOVAL, 25.2 UNITS DIA." Note on SHEET 5 of the plans can be disregarded.

Signed: 

Daniel Salgado
Civil Engineer I
Village of Gurnee

Please acknowledge receipt of this Addendum by signing below and faxing or emailing a copy of the Addendum to the Village of Gurnee, Engineering Department at (847)-623-9475 or engineering@village.gurnee.il.us. Failure to do may disqualify the Bidder. If not fax or emailed addendums may be submitted with bid on March 27th, 2023.

Firm

By

Name

Title

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue, East; Post Office Box 19276; Springfield, IL 62794-9276

Division of Public Water Supplies

Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: GURNEE (IL0970350)

Permit Issued to:
Village of Gurnee
325 North O'Plaine Road
Gurnee, IL 60031



PERMIT NUMBER: 0834-FY2023

DATE ISSUED: March 3, 2023

PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the "Environmental Protection Act", Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: HMG Engineer, Inc.

NUMBER OF PLAN SHEETS: 15

TITLE OF PLANS: "O'Plaine Road Water Main Replacement"

APPLICATION RECEIVED DATE: February 16, 2023

PROPOSED IMPROVEMENTS:

The installation of approximately 3,102 feet of 12-inch, 4 feet of 10-inch, 64 feet of 8-inch and 163 feet of 6-inch water main.

ADDITIONAL CONDITIONS:

1. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 for lead service line replacement. Galvanized service line must also be replaced if the galvanized service line is or was connected downstream to the lead piping. A statement must be submitted with the Application for Operating Permit indicating either that no full or partial lead service lines were identified or that Section 17.12 of the Act was complied with for this project.
2. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit


3. All water mains shall be satisfactorily disinfected prior to use pursuant to Ill. Adm. Code, Title 35, Subtitle F, Section 602.310. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria. The samples must be collected from every 1,200 feet of new water main along each branch and from the end of the line. An operating permit must be obtained before the project is placed in service.

4. Per Executive Order V contact the Illinois Department of Natural Resources (IDNR), Office of Water Resources. IDNR may require a permit pursuant to State statutes which requires all development within a Special Flood Hazard Area to comply with the requirements of 17 Illinois Adm. Code Part 3700 or 17 Illinois Adm. Code Part 3708, whichever is applicable. Additionally, local floodplain permits may be required as a local floodplain management ordinance may require compliance with higher standards than those of the National Flood Insurance Program (44 CFR 59-79).

5. The permit approval is for the Application, Schedule B, and 15 plan sheets received on February 16, 2023.

DCC:GAZ

cc: HMG Engineer, Inc.
Elgin Regional Office
Lake County Health Department
IDPH/DEH – Plumbing and Water Quality Program



David C. Cook, P.E.
Manager Permit Section
Division of Public Water Supplies



Illinois Department of Transportation

Office of Highways Project Implementation / Region 1 / District 1
201 West Center Court / Schaumburg, Illinois 60196-1096

BUREAU OF DESIGN-UTILITIES

Reference No: 114595

Route: IL 132

Location: at O'Plaine Rd

County: Lake

March 13, 2023

Mr. Derek Anderson, P.E.
HMG Engineers, Inc.
Mundelein, IL 60060

Dear Mr. Anderson, P.E.

The following item(s) must be completed and returned to our office before the referenced file can be processed. Please include the IDOT Pending File No. 049-114595 on all future submittals.

- Individual Utility Permit Bond Forms [one (1) original blue ink hard copy as well as one (1) PDF electronic copy via email] require execution by the contractor. Amount of Bond \$30,000.00
- Revised plans require execution [one (1) PDF electronic copy via email].
- Email digital pictures of the project showing all Right-of-Way that will be affected and referenced to the projects stationing in PDF format. All pictures must be on file with the Department before any permit is processed.

If you have any questions or need additional information, please contact our Area Utility Coordinator, Isaac Salvador at Isaac.Salvador@Illinois.gov

Very truly yours,

Jose Rios, P.E.
Region One Engineer

 IS

By:
Jose A. Dominguez, P.E.
Project Support Engineer
Enclosure



**Illinois Department
of Transportation**

**Individual Utility
Permit Bond**

Bond No. _____

We _____ , _____
(Mailing Address)

as Permittee, and _____ , as Surety, do hereby guarantee performance

of the work described in the Illinois Department of Transportation Utility Permit number _____ which grants permission and authority to perform that work upon or adjacent to O'Plaine Rd, in Lake County in accordance with the terms and description in the permit and sketch and with Part 530 of Title 92 of the Illinois Administrative Code, Accommodation of Utilities on Right-of-Way of the Illinois State Highway System.

If the Permittee performs the work in accordance with the terms and conditions of and description in the permit and sketch and with Part 530 of Title 92 of the Illinois Administrative Code, Accommodation of Utilities on Right-of-Way of the Illinois State Highway System, no claim or demand will be made against this bond's monetary obligation. Otherwise, the Surety is liable to the Department for all expenses incurred in any action in which it prevails against the Permittee or Surety.

Surety's monetary responsibility under this bond is limited to \$30,000.00 and shall also be the responsibility of its successors and assigns for five years.

Surety shall provide written notice to the Illinois Secretary of Transportation at least 30 days prior to the inability (due to dissolution or otherwise) of Surety to fulfill its commitments under this bond. Permittee and Surety have a joint and severable responsibility to replace Surety within the 30 day period with another Surety acceptable to the department.

By our signatures below, we commit ourselves to the terms and the conditions of this bond:

Signature of Agent for Surety

Signature of Agent for Permittee

Name of Surety (Print or Type)

Name of Permittee (Print or Type)

Mailing Address

Mailing Address

City State Zip

City State Zip

() _____
Telephone Number Date

() _____
Telephone Number Date

Item No.	Items	Unit	Quantity	Unit Price	Total
1	12-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	666		
2	12-INCH PVC DR-18 RJB AWWA C-900 WATERMAIN, INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING	LF	2436		
3	10-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	4		
4	8-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	64		
5	6-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	163		
6	WATER MAIN ENCASEMENT, 12-INCH PVC DR-18 RJB INSTALLED WITHIN 24-INCH CASING PIPE, INSTALLED BY BORE AND JACK	LF	195		
7	PRESSURE CONNECTION, 12-INCH x 12-INCH x 12-INCH TAPPING SLEEVE AND VALVE IN 8-FOOT DIAMETER VAULT	EA	1		
8	5-FOOT DIAMETER VALVE VAULT WITH 12-INCH GATE VALVE	EA	7		
9	5-FOOT DIAMETER VALVE VAULT WITH 8-INCH GATE VALVE	EA	2		
10	5-FOOT DIAMETER VALVE VAULT WITH 6-INCH GATE VALVE	EA	6		
11	FIRE HYDRANT WITH AUXILIARY VALVE AND BOX, INCLUDING 6-INCH CONNECTING PIPE TO MAIN	EA	14		
12	2-INCH COPPER WATER SERVICE RECONNECTION, NEAR	EA	2		
13	1.5-INCH COPPER WATER SERVICE RECONNECTION, NEAR	EA	13		
14	1.5-INCH COPPER WATER SERVICE RECONNECTION, FAR	EA	5		
15	EXISTING VALVE VAULT ABANDONMENT	EA	9		
16	EXISTING VALVE BOX REMOVAL	EA	2		
17	EXISTING FIRE HYDRANT AND AUXILIARY VALVE BOX REMOVAL	EA	9		
18	EXISTING WATERMAIN TO BE ABANDONED WITH GROUT	LF	212		
19	REMOVE EXISTING 6-INCH STORM SEWER AND REPLACE WITH 6-INCH PVC AWWA C-900, CONNECT TO EXISTING STORM SEWER	LF	9		
20	REMOVE EXISTING 8-INCH STORM SEWER AND REPLACE WITH 8-INCH PVC AWWA C-900, CONNECT TO EXISTING STORM SEWER	LF	4		
21	STORM INLET REMOVAL AND REPLACEMENT, 2-FOOT DIAMETER	EA	2		
22	UNDERCUT/STABILIZATION STONE	CY	25		
23	GRANULAR TRENCH BACKFILL	CY	800		
24	HMA LCDOT ROADWAY PAVEMENT REMOVAL AND REPLACEMENT (10-INCH BINDER, 2-INCH SURFACE)	SY	119		
25	HMA GURNEE ROADWAY PAVEMENT REMOVAL AND REPLACEMENT (2.5-INCH BINDER, 1.5-INCH SURFACE)	SY	167		
26	HMA PARKING LOT PAVEMENT REMOVAL AND REPLACEMENT (2.5-INCH BINDER, 1.5-INCH SURFACE)	SY	36		

TOTAL OF PAGE 1 QUANTITIES: _____

27	HMA DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT (3-INCH SURFACE)	SY	6		
28	CONCRETE SIDEWALK REMOVAL AND REPLACEMENT, 4" THICK	SF	3369		
29	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, B6.12	LF	154		
30	ADA PANELS INSTALLED WITH CONCRETE SIDEWALK	SF	82		
31	BRICK PAVER SIDEWALK REMOVAL, SALVAGE AND REINSTALLATION	SF	81		
32	THERMOPLASTIC 24-INCH WHITE STRIPE	LF	52		
33	THERMOPLASTIC 12-INCH WHITE STRIPE	LF	238		
34	THERMOPLASTIC 4-INCH WHITE STRIPE	LF	182		
35	LAWN RESTORATION INCLUDING SEED, EROSION CONTROL BLANKET AND 4-INCH (MIN.) TOPSOIL	LS	1		
36	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	0	---	---
37	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	33.5		
38	BIRCH TREE, 4-INCH	EA	3		
39	BUSH REMOVAL AND REPLACEMENT	EACH	6		
40	SAWCUT TREE ROOTS	LF	72		
41	STORM INLET PROTECTION	EA	27		
42	SILT FENCE	LF	370		
43	STRAW WATTLE	EA	22		
44	TRAFFIC CONTROL	LS	1		
45	DUST AND MUD CONTROL	LS	1		
46	RECORD DRAWING INFORMATION	LS	1		
47	PRE-CONSTRUCTION VIDEO DOCUMENTATION	LS	1		
48	REPAIR OF EXISTING WATERMAIN LEAKS/BREAKS NOT CAUSED BY CONTRACTOR'S NEGLIGENCE	EA	3		
49	SPECIAL WASTE DISPOSAL	CY	10		
50	HAZARDOUS WASTE DISPOSAL	CY	10		
51	IDOT ROADWAY BOND (\$30,000)	LS	1		
52	LCDOT ROADWAY BOND (\$100,000)	LS	1		

TOTAL OF PAGE 2 QUANTITIES:

BIDDER'S PROPOSAL FOR ENTIRE IMPROVEMENTS: _____

BIDDER'S PROPOSAL FOR ENTIRE IMPROVEMENTS:

SUMMARY OF QUANTITIES

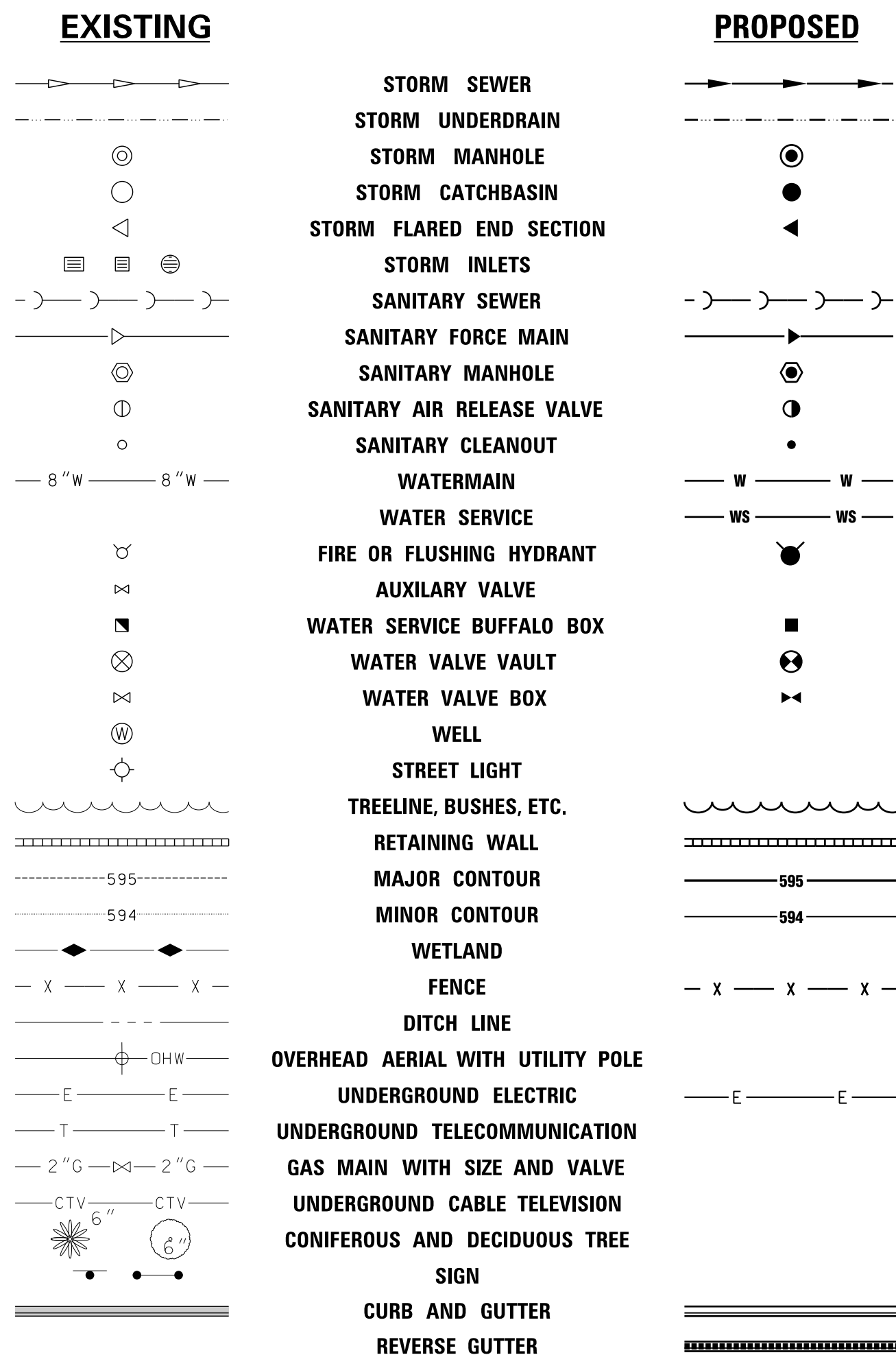
BASE BID

NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	12-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	666
2	12-INCH PVC DR-18 RJB AWWA C-900 WATERMAIN, INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING	LF	2,436
3	10-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	4
4	8-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	64
5	6-INCH PVC DR-18 RJB AWWA C-900 WATER MAIN, INSTALLED BY OPEN CUT CONSTRUCTION	LF	163
6	WATER MAIN ENCASEMENT, 12-INCH PVC DR-18 RJB INSTALLED WITHIN 24-INCH CASING PIPE, INSTALLED BY BORE AND JACK	LF	195
7	PRESSURE CONNECTION, 12-INCH x 12-INCH x 12-INCH TAPPING SLEEVE AND VALVE IN 6-FOOT DIAMETER VAULT	EA	1
8	5-FOOT DIAMETER VALVE VAULT WITH 12-INCH GATE VALVE	EA	7
9	5-FOOT DIAMETER VALVE VAULT WITH 8-INCH GATE VALVE	EA	2
10	5-FOOT DIAMETER VALVE VAULT WITH 6-INCH GATE VALVE	EA	6
11	FIRE HYDRANT WITH AUXILIARY VALVE AND BOX, INCLUDING 6-INCH CONNECTING PIPE TO MAIN	EA	14
12	2-INCH COPPER WATER SERVICE RECONNECTION, NEAR	EA	2
13	1.5-INCH COPPER WATER SERVICE RECONNECTION, NEAR	EA	13
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19	REMOVE EXISTING 6-INCH STORM SEWER AND REPLACE WITH 6-INCH PVC AWWA C-900, CONNECT TO EXISTING STORM SEWER	LF	9
20	REMOVE EXISTING 8-INCH STORM SEWER AND REPLACE WITH 8-INCH PVC AWWA C-900, CONNECT TO EXISTING STORM SEWER	LF	4
21	STORM INELT REMOVAL AND REPLACEMENT, 2-FOOT DIAMETER	EA	2
22	UNDERCUT/STABILIZATION STONE	CY	25
23	GRANULAR TRENCH BACKFILL	LF	800
24	HMA LCDOT ROADWAY PAVEMENT REMOVAL AND REPLACEMENT (10-INCH BINDER, 2-INCH SURFACE)	SY	119
25	HMA GURNEE ROADWAY PAVEMENT REMOVAL AND REPLACEMENT (2.5-INCH BINDER, 1.5-INCH SURFACE)	SY	167
26	HMA PARKING LOT PAVEMENT REMOVAL AND REPLACEMENT (2.5-INCH BINDER, 1.5-INCH SURFACE)	SY	36
27	HMA DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT (3-INCH SURFACE)	SY	6
28	CONCRETE SIDEWALK REMOVAL AND REPLACEMENT, 4" THICK	SF	3,369
29	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, B6.12	LF	154
30	ADA PANELS INSTALLED WITH CONCRETE SIDEWALK	SF	82
31	BRICK PAVER SIDEWALK REMOVAL, SALVAGE AND REINSTALLATION	SF	81
32	THERMOPLASTIC 24-INCH WHITE STRIPE	LF	52
33	THERMOPLASTIC 12-INCH WHITE STRIPE	LF	238
34	THERMOPLASTIC 4-INCH WHITE STRIPE	LF	182
35	LAWN RESTORATION INCLUDING SEED, EROSION CONTROL BLANKET AND 4-INCH (MIN.) TOPSOIL	LS	1
36	TREE REMOVAL, OVER 15"	UNITS	25.2
37	TREE REMOVAL, 6" TO 15"	UNITS	33.5
38	BIRCH TREE, 4-INCH	EA	3
39	BUSH REMOVAL AND REPLACEMENT, MATCH EXISTING SPECIES	EA	6
40	SAWCUT TREE ROOTS	LF	72

BASE BID

NO.	ITEM DESCRIPTION	UNIT	QUANTITY
41	STORM INLET PROTECTION	EA	27
42	SILT FENCE	LF	370
43	STRAW WATTLE	EA	22
44	TRAFFIC CONTROL	LS	1
45	DUST AND MUD CONTROL	LS	1
46	RECORD DRAWING INFORMATION	LS	1
47	PRE-CONSTRUCTION VIDEO DOCUMENTATION	LS	1
48	REPAIR OF EXISTING WATERMAIN LEAKS/BREAKS NOT CAUSED BY CONTRACTOR'S NEGLIGENCE	EA	3
49	SPECIAL WASTE DISPOSAL	CY	10
50	HAZARDOUS WASTE DISPOSAL	CY	10
51	IDOT ROADWAY BOND (\$30,000)	LS	1
52	LCDOT ROADWAY BOND (\$100,000)	LS	1

SYMBOL LEGEND



ABBREVIATIONS

AC	AIR CONDITIONER UNIT	IE	INVERT ELEVATION
ACD	ASPHALT DRIVEWAY	INL	INLET
AGG	AGGREGATE	IP	IRON PIPE
B	BUSH	LAP	LANDSCAPING
BB	BUFFALO (SERVICE) BOX	MH	MANHOLE
BWALL	BOTTOM OF WALL	PED	PEDESTAL
C&G	CURB AND GUTTER	PVC	POLYVINYL CHLORIDE PIPE
CB	CATCH BASIN	R	RIM
CDW	CONCRETE DRIVEWAY	RCP	REINFORCED CONC. PIPE
CE	CORNER METER	ROW	RIGHT-OF-WAY
	CENTERLINE	RW	RETAINING WALL
CLF	CHAIN LINK FENCE	SAN. S.	SANITARY SEWER
CMP	CORRUGATED METAL PIPE	STM. S.	STORM SEWER
CNO	COULD NOT OPEN	TB	TOP OF BANK
CONC	CONCRETE	TOP	TOP OF PIPE
CPP	CORRUGATED PLASTIC PIPE	TRAN	TRANSITE PIPE
CSW	CONCRETE SIDEWALK	TWALL	TOP OF WALL
DIP	DUCTILE IRON PIPE	WL	WATERMAIN
DS	DOWN SPOUT	W	WATER LINE
EH	FIRE HYDRANT	WT	WATER REMOTE METER
FL	FLOW LINE	WVB	WATER VALVE BOX
GM	GAS METER	WVV	WATER VALVE VAULT
GDW	GRAVEL DRIVEWAY	WWV	WINDOW WELL
HDPE	HIGH DENSITY POLY PIPE		

POTENTIAL SEQUENCE OF CONSTRUCTION

1. PROVIDE DOCUMENTATION OF PRECONSTRUCTION CONDITIONS VIA HIGH RESOLUTION VIDEO FOR OWNER'S APPROVAL PRIOR TO CONSTRUCTION ACTIVITY.
 2. INSTALL ALL REQUIRED SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
 3. LOCATE UTILITIES AT ALL WATERMAIN CROSSING LOCATIONS.
 4. PERFORM BORE AND JACK INSTALLATION OF CASING PIPE AT GRAND AVENUE INCLUDING WATER MAIN.
 5. PERFORM BORE AND JACK INSTALLATION OF CASING PIPE AT MCCLURE AVENUE INCLUDING WATER MAIN.
 6. PERFORM HORIZONTAL DIRECTIONAL DRILLING INSTALLATION OF WATERMAIN.
 7. PERFORM OPEN CUT INSTALLATION OF WATERMAIN INCLUDING VALVES, FIRE HYDRANTS AND SERVICE CONNECTIONS, REMOVALS AND REPLACEMENTS.
 8. MAKE PRESSURE CONNECTION TO EXISTING WATERMAIN AT OLD GRAND AVENUE.
 9. PERFORM PRESSURE TEST AND CHLORINATION OF NEW WATERMAIN.
 10. UPON SATISFACTORY TEST RESULTS, PERFORM WATER SERVICE RECONNECTIONS.
 11. PERFORM TIE IN CONNECTIONS AT BROOKHAVEN RD, BLACKSTONE AVE, NORTH AVE, HAYNER AVE AND MCCLURE AVE.
 12. PERFORM GRADING/ABANDONMENT OF EXISTING WATER MAIN AT IL ROUTE 132 (GRAND AVENUE).
 13. COMPLETE LAWN AND PAVEMENT RESTORATION. REMOVE ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
- IF THE CONTRACTOR PROPOSES A SEQUENCE OF CONSTRUCTION THAT VARIES FROM THE SEQUENCE LISTED ABOVE, THE CONTRACTOR SHALL SUBMIT TO THE OWNER/ENGINEER FOR REVIEW AND COMMENT TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
- NOTE: CHLORINATION OF WATERMAIN MAY ONLY OCCUR MONDAY THROUGH WEDNESDAY.

