

Contract No: 05-23

OFFICE OF
MACOMB COUNTY
PUBLIC WORKS COMMISSIONER
ANTHONY V. MARROCCO

DRAIN CONTRACT

Drain: Nicol Drain
Contractor: Angelo Iafrate Construction Company
Developer: Chippewa Valley Schools
Project: Seneca Middle School
Municipality: Macomb Township

The agreement, dated 8-25-05, between the Nicol Drain Drainage District, by Anthony V. Marrocco, Macomb County Public Works Commissioner, 115 S. Groesbeck, PO Box 806, Mt. Clemens, Michigan, 48046-0806, 586-469-5910, Fax 586-469-7693, herein Owner; and, Duane Laurita, Vice President of Contract Services, Angelo Iafrate Construction Company, 26400 Sherwood, Warren, Michigan, 48091, herein Company.

The Company agrees to construct the drain improvements described herein on the Nicol Drain according to the following described plans and specifications made a part of the contract by reference: plans prepared by French Associates for Seneca Middle School, Project #2004-014, sheets C-1.1, 1.3., 1.5, 1.6, 1.10, 1.12-1.14, 1.16-1.19, & 1.22, dated 9/14/04, last revision dated 8/5/05 and according to standard specifications of the Office of the Macomb County Public Works Commissioner. The Company agrees to complete the contract by January 1, 2006.

The parties bind themselves, their successors, heirs, executors, administrators and assigns for the faithful performance of this Agreement. The quantities, unit prices and total contract price are as follows:

| NO. | ITEM | QTY. | UNIT PRICE | AMOUNT |
|-----|--|---------|---------------|---------------------|
| 1 | 36" C76 CLIV with premium joint | 1408 lf | \$78.25/lf | \$110,176.00 |
| 2 | 21" C76 CLIV with premium joint | 40 lf | \$52.25/lf | \$2,090.00 |
| 3 | 8' manhole | 3 each | \$5,750.00/ea | \$17,250.00 |
| 4 | 7' manhole | 3 each | \$4,125.00/ea | \$12,375.00 |
| 5 | 6' manhole | 3 each | \$2,400.00/ea | \$7,200.00 |
| 6 | 5' manhole | 8 each | \$1,950.00/ea | \$15,600.00 |
| 7 | Remove top section from two manholes and grout 36" storm sewer | 75 lf | \$40.00/lf | \$3,000.00 |
| 8 | Remove 36" end section | 3 each | \$150.00/ea | \$450.00 |
| 9 | Remove 60" end section | 1 each | \$225.00/ea | \$225.00 |
| 10 | Remove 26" storm | 24 lf | Incidental | Incidental |
| | TOTAL AMOUNT | | | \$168,366.00 |

SHEET INDEX

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- *C1.13 - SANITARY SEWER & STORM SEWER PROFILES
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* ASTERISK INDICATES THAT SHEET IS PART OF THE DRAIN PLAN SUBMITTAL

3 WORKING DAYS BEFORE YOU D CALL MISS DI 1-800-482-7171
For free location of public utility in

PROJECT
**CHIPPEWA VALLEY
 SENECA MIDDLE
 SCHOOL**

Macomb Twp.
 Michigan

QUANTITY LIST

| WATERMAIN | | STORM SEWER | |
|-----------------------------|----------|---------------------------|----------|
| 4" CL34 DOMESTIC SERVICE | 72 LF | 2' DIA. INLET | 1 EA |
| 6" CL34 FIRE PROT. | 73 LF | 3' DIA. CATCH BASIN | 1 EA |
| 6" DUCTILE IRON WATER MAIN | 122 LF | 4' DIA. CATCH BASIN | 18 EA |
| 6" DUCTILE IRON WATER MAIN | 3,291 LF | 4' DIA. FIELD CATCH BASIN | 44 EA |
| HYDRANT ASSEMBLY | 7 EA | 4' DIA. MH | 4 EA |
| 6" GATE VALVE & WELL | 7 EA | 5' DIA. CATCH BASIN | 6 EA |
| 6" 12" TAPPING VALVE & WELL | 1 EA | 5' DIA. FIELD CATCH BASIN | 8 EA |
| 6" 12" TAPPING VALVE & WELL | 1 EA | 5' DIA. MH | 7 EA |
| 4" VALVE IN BOX | 1 EA | 6' DIA. CATCH BASIN | 1 EA |
| 6" GATE VALVE & WELL | 1 EA | 6' DIA. FIELD CATCH BASIN | 2 EA |
| | | 6' DIA. MH | 2 EA |
| | | 7' DIA. MH | 2 EA |
| | | 8' DIA. MH | 1 EA |
| | | OVERFLOW MH | 3 EA |
| | | 12" END SECTION | 1 EA |
| | | 18" END SECTION | 3 EA |
| | | 30" END SECTION | 1 EA |
| | | 36" END SECTION | 1,541 LF |
| | | 36" STORM SEWER | 1,429 LF |
| | | 30" STORM SEWER | 820 LF |
| | | 24" STORM SEWER | 40 LF |
| | | 21" STORM SEWER | 800 LF |
| | | 18" STORM SEWER | 712 LF |
| | | 15" STORM SEWER | 3,621 LF |
| | | 12" STORM SEWER | 262 LF |
| | | 10" STORM LEAD | |

NOTE: CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN IN THESE PLANS. ADDITIONAL PAYMENT SHALL NOT BE MADE FOR ANY MISCOUNTED QUANTITIES.

SHEET
General Plan

ENGINEER'S CERTIFICATION

"I HEREBY CERTIFY THAT I HAVE READ THE TOWNSHIP'S LAND DEVELOPMENT ORDINANCE (AND ITS RELATED ENGINEERING AND CONSTRUCTION STANDARDS), AND I HAVE PREPARED THESE PLANS IN COMPLETE CONFORMITY WITH THE REQUIREMENTS OF SAID ORDINANCE."

ENGINEER'S NAME
 P.E. #

PROJECT NUMBER

2004-014

MA05-107

SHEET NUMBER

C1.1

CONTINUATION SHEET

Application No. : 1
 Application Date : 11/1/2005

To: Architect's Project No.:

Application and Certification for Payment containing contractor's signed certification is attached.

Tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

Invoice #: 3799 Contract : 60007- SENECA MIDDLE SCHOOL

| A Item No. | B Description of Work | C Scheduled Value | D Work Completed | | E This Period In Place | F Materials Presently Stored (Not in D or E) | G Total Completed and Stored To Date (D+E+F) | H Balance To Finish (C-G) | I Retainage |
|---------------------|--------------------------------|----------------------|---------------------------------|----------------------|---------------------------|---|---|------------------------------|----------------|
| | | | From Previous Application (D+E) | This Period In Place | | | | | |
| 9000 | 36" C76 CL IV W/ Premium Joint | 110,176.00 | 0.00 | 110,176.00 | 110,176.00 | 0.00 | 110,176.00 | 0.00 | |
| 9010 | 21" C76 CL IV W/ Premium Joint | 2,090.00 | 0.00 | 2,090.00 | 2,090.00 | 0.00 | 2,090.00 | 0.00 | |
| 9020 | 8' Manhole | 17,250.00 | 0.00 | 17,250.00 | 17,250.00 | 0.00 | 17,250.00 | 0.00 | |
| 9030 | 7' Manhole | 12,375.00 | 0.00 | 12,375.00 | 12,375.00 | 0.00 | 12,375.00 | 0.00 | |
| 9040 | 6' Manhole | 7,200.00 | 0.00 | 7,200.00 | 7,200.00 | 0.00 | 7,200.00 | 0.00 | |
| 9050 | 5' Manhole | 15,600.00 | 0.00 | 15,600.00 | 15,600.00 | 0.00 | 15,600.00 | 0.00 | |
| 9060 | Grout 36" Storm Sewer | 3,000.00 | 0.00 | 3,000.00 | 3,000.00 | 0.00 | 3,000.00 | 0.00 | |
| 9070 | Rem 36" End Section | 450.00 | 0.00 | 450.00 | 450.00 | 0.00 | 450.00 | 0.00 | |
| 9080 | Rem. 60" End Section | 225.00 | 0.00 | 225.00 | 225.00 | 0.00 | 225.00 | 0.00 | |
| 9090 | Rem 26" STW | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Grand Totals | | 168,366.00 | 0.00 | 168,366.00 | 168,366.00 | 0.00 | 168,366.00 | 0.00 | 0.00 |

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