

Non-Motorized Pathway and HMA Overlay Bray Road

Addendum #1

From Ormes Road to Van Cleve Road

Letting Date – January 20th, 2022; 8:45 am.

Contractor: _____

Address: _____

Sign & Print: _____

Date: _____

Phone & Fax _____

Email: _____

- Non-Motorized Vehicle Pathway Construction and HMA Overlay Bray Road from Ormes Rd to Van Cleve Rd, Tuscola Township
LSUM Price \$ _____

Project Completion Date: September 1, 2022

Addendum 1 (1/14/2022)

- **Engineers Estimate - \$347,000 for the construction of the non-motorized vehicle pathway and the HMA overlay.**
- **All excavations along Bray Road must be backfilled to 1 on 4 slope before two-way traffic is allowed.**
- **See the updated plan set page 3 for quantity changes and clarification.**
- **Units for Item 31 on the Bid Tab is (Ft) not each.**
- **All permanent pavement markings and permanent signage will be completed by the TCRC.**
- **HMA driveway to be installed at rate of 440lbs/sq yd, in 2 equal lifts.**

Signed Insurance, Agreement, and bid tab shall be enclosed.

GENERAL NOTES

UNDERGROUND UTILITIES/MISS DIG

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE EXISTING UTILITIES ON THESE DRAWINGS HAVE BEEN SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER AS TO WHERE POSSIBLE CONFLICT EXISTS.

EXISTING WATER MAINS AND SEWERS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROPERLY IDENTIFIED EXISTING WATER MAINS AND/OR EXISTING SEWERS DURING THE CONSTRUCTION OF THIS PROJECT.

ADJUSTING MONUMENT BOXES

ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.

PAVEMENT MARKINGS AND SIGNS

ALL PERMANENT PAVEMENT MARKINGS, SHAPES, AND DIMENSIONS SHALL CONFORM WITH MDOT PAVEMENT MARKING TYPICALS PAVE-900 SERIES.

SOIL EROSION MEASURES

APPROPRIATE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTH-DISTURBING ACTIVITIES. PLACE TURF ESTABLISHMENT ITEMS AS SOON AS POSSIBLE ON POTENTIAL ERODABLE SLOPES AS DIRECTED BY THE ENGINEER. CRITICAL DITCH GRADES SHALL BE PROTECTED WITH EITHER SOD OR SEED/MULCH OR MULCH BLANKET AS DIRECTED BY THE ENGINEER.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND MAINTAINED UNTIL THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MEASURES SHALL ONLY BE PAID FOR ONCE.

SEED MIXTURE

THE DESIGNATION FOR THE PERMANENT TURF SEED MIXTURE ON THIS PROJECT SHALL BE THM.

DRAINAGE STRUCTURE OFFSETS AND ELEVATIONS

DRAINAGE STRUCTURE IN PROPOSED CURB - OFFSETS AND ELEVATIONS SHOWN ARE TO THE BACK AND TOP OF CURB. ALIGN THE STRUCTURE WITH THE BACK OF THE CASTING AND THE TOP OF THE CASTING FLUSH WITH THE PROPOSED BACK AND TOP OF CURB. DRAINAGE STRUCTURES IN OUTLAWN AREA AND PAVED AREA - OFFSET SHOWN IS TO CENTER OF STRUCTURE. RIM ELEVATIONS FOR DOME COVERS AND FLAT COVERS ARE TO THE TOP OF THE CASTING FRAME.

EGLE PERMIT

WORK CANNOT BEGIN ON THE PROJECT UNTIL THE EGLE PERMIT IS OBTAINED BY THE TUSCOLA COUNTY ROAD COMMISSION. IT IS ANTICIPATED THE PERMIT WILL BE RECEIVED BY MAY 15TH, 2022.

CRUSHED CONCRETE

THE USE OF CRUSHED CONCRETE IS PROHIBITED ON THE PROJECT WITHIN 500 FEET OF ANY WATER COURSE (STREAM, RIVER, COUNTY DRAIN, ETC.) AND LAKE, REGARDLESS OF THE APPLICATION OR LOCATION OF THE WATER COURSE RELATIVE TO THE PROJECT LIMITS.

TCRC PROJECT COORDINATION

CONTRACTOR TO COORDINATE DURING CONSTRUCTION WITH THE TUSCOLA COUNTY ROAD COMMISSION BANK STABILIZATION PROJECT.

GENERAL NOTES (CONT.)

LAWN SPRINKLERS/LANDSCAPING

OWNERS OF EXISTING LAWN SPRINKLER SYSTEMS AND/OR LANDSCAPING SHALL BE NOTIFIED (IN WRITING WITH A COPY SENT TO THE ENGINEER) BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF ANY WORK TO BE DONE THAT WILL AFFECT THOSE SYSTEMS AND/OR LANDSCAPING. IF THE PROPERTY OWNER FAILS TO RELOCATE THE LAWN SPRINKLER SYSTEM PRIOR TO THE CONTRACTOR BEGINNING WORK, AND IF THE CONTRACTOR CUTS THE SYSTEM DURING THE CONSTRUCTION, THE CONTRACTOR SHALL CAP THE SYSTEM PIPE AND WITNESS THE LOCATION OF THE CAP WITH A WOODEN STAKE FOR THE PROPERTY OWNERS USE. THE CONTRACTOR SHALL PLACE THE SALVAGED SPRINKLER HEADS ON THE BACK OF THE RIGHT OF WAY. IF THE PROPERTY OWNER FAILS TO RELOCATE THE LANDSCAPING PRIOR TO THE CONTRACTOR BEGINNING WORK, THE CONTRACTOR SHALL CAREFULLY SALVAGE THE LANDSCAPING ITEMS AND STOCKPILE THEM ON THE BACK OF THE RIGHT OF WAY OR AT A LOCATION DESIGNATED BY THE ENGINEER FOR THE PROPERTY OWNER. ANY OTHER MODIFICATION TO THE LAWN SPRINKLER SYSTEMS AND/OR LANDSCAPING, IS THE RESPONSIBILITY OF THE OWNER AND IS NOT PART OF THIS CONTRACT. THIS WORK WILL NOT BE PAID FOR SEPARATELY.

CONNECTIONS TO EXISTING CULVERTS/SEWERS

THE EXTENSIONS/CONNECTIONS TO EXISTING CULVERTS/SEWERS ON THIS PROJECT MAY REQUIRE EXTRA WORK TO OBTAIN A TIGHT SEAL AT THE JOINT CONNECTING NEW PIPE TO EXISTING PIPE. THE JOINT BETWEEN THE EXISTING AND NEW PIPES SHALL BE CONSTRUCTED ACCORDING TO THE 2012 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. ANY EXTRA WORK REQUIRED TO OBTAIN TIGHT JOINTS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN COMPENSATION FOR NEW PIPE.

PROPERTY OWNERS

PROPERTY OWNERS' NAMES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.

SAWCUTS

PAYMENT FOR SAWCUTS REQUIRED TO REMOVE MISCELLANEOUS ITEMS, PAVEMENT AND/OR CURB AND GUTTER SHALL BE INCLUDED IN THOSE REMOVAL ITEMS.

TOPSOIL

CONTRACTOR SHALL REMOVE AND DISPOSE, OR SALVAGE AND STORE TOPSOIL A MINIMUM OF 4" DEEP. SALVAGED TOPSOIL SHALL BE STORED ON-SITE UNLESS WRITTEN PERMISSION IS OBTAINED AT AN OFF-SITE LOCATION. COST TO REMOVE AND DISPOSE, OR SALVAGE AND STORE TOPSOIL SHALL BE INCLUDED IN THE PAYMENT FOR OTHER ITEMS.

SALVAGED MATERIALS

IF CONTRACTORS CHOOSES TO USE SALVAGED MATERIALS FROM PROJECT TO MAINTAIN ACCESS, IT SHALL BE PLACED, MAINTAINED, AND REMOVED WHEN NO LONGER NEEDED AT CONTRACTOR'S EXPENSE.

MAINTAINING TRAFFIC QUANTITIES

2	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn
2	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper
2	Ea	Pedestrian Type II Barricade, Temp
2	Ea	Lighted Arrow, Type C, Furn
2	Ea	Lighted Arrow, Type C, Oper
1	LSUM	Minor Traf Devices
40	Ea	Plastic Drum, Flourescent, Furn
40	Ea	Plastic Drum, Flourescent, Oper
15	Ea	Sign Cover
256	Sft	Sign, Type B, Temp, Prismatic, Furn
256	Sft	Sign, Type B, Temp, Prismatic, Oper
1	LSUM	Traf Regulator Control

QUANTITIES FOR INFORMATION ONLY. ALL COSTS FOR MAINTAINING TRAFFIC ARE TO BE INCLUDED IN THE LUMP SUM BID FOR TRAFFIC CONTROL.

100 Ft

63 Syd

MISCELLANEOUS ESTIMATES

THE FOLLOWING ITEMS OF WORK SHALL BE DONE AS THEY APPLY THROUGHOUT THE PROJECT. THESE ITEMS ARE NOT DETAILED OR INCLUDED ON THE PLAN AND PROFILE SHEETS:

1	LSUM	Mobilization, Max _____
1	Cyd	Masonry and Conc Structure, Rem
50	Syd	Pavt, Rem
25	Cyd	Non-Haz Contaminated Material Handling and Disposal, LHM
125	Cyd	Subgrade Undercutting, Type II
500	Ft	Erosion Control, Silt Fence
50	Ton	Maintenance Gravel
0.3	Sta	Trenching, Modified
50	Syd	Geotextile, Separator
50	Ft	Sump Pump Lead and Drain Tile Connection
1	Ea	Dr Structure Cover, Adj, Case 1
1	Ea	Dr Structure Cover, Adj, Case 2
1	Ft	Dr Structure, Adj, Add Depth
1	Ea	Dr Structure, Tap, 6 inch
100	Ft	Underdrain, Subgrade, 6 inch
1	Ea	Post, Mailbox
1	LSUM	Traffic Control
25	Syd	Riprap, Plain
2300	Syd	Slope Restoration, Modified

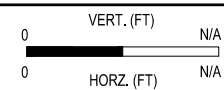
1 LSUM Clearing
1 LSUM Soil Erosion and Sedimentation Control

FINAL PLAN REVISIONS

NO.	DATE	AUTH	DESCRIPTION



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SGI PROJECT NO: 128551SG2020
DATE: JANUARY, 2022
FILE: LP_NOTES.DWG

CS:
JN:

NOTE SHEET
BRAY ROAD

DRAWING SHEET
NOTES 3