

Addendum #2

- Q1. Addendum #1 changed the Machine Grading MOD quantity to 7050 but did not change the unit which is stated as Sta. I assume the unit is incorrect and should be Ft? Or should it be 70.50 Sta? Will a new bid form be provided?
- A1. The quantity is 70.50. A new bid sheet is on P. 3- 5 of this addendum.
- Q2. There is a pay item for Subbase, LM MOD but no special provision or description is provided for this pay item. Please provide the necessary special provision.
- A2. Subbase, LM MOD is being used for the 1x3 material. See special provision on P. 6 of this addendum.
- Q3. The cross section provided for organic areas on page 26 does not show geotextile separator, geotextile stabilization and blast furnace slag as described in the Project Log as Areas A, B & C. The cross section shows 12" subbase and embankment below the subbase. I assume that per the Project Log descriptions that the embankment is actually subbase or blast furnace slag? How is the blast furnace slag paid for?
- A3. An updated cross section is on P. 7 of this addendum.
- Q4. Are you eliminating the detour route on this project? If so, why? You can dig out 7' deep of roadway and still maintain a lane of traffic.
- A4. The intension of addendum #1 was not to eliminate the detour route but to eliminate a special provision for it. The contractor will submit a detour route for approval after award. The detour will be set up this season for the Excavation, Peat and next spring for the completion of the project.
- Q5. If the road is going to be closed and a detour implemented, then why would we need 2 hire 2 (Flaggers) from the NHBP Job Bank? Also, what is the NHBP? Finally, if we don't need flaggers, ,will we be forced to hire 2 people from this Job Bank to work on out jobsite if we don't need workers and if so, how is this going to be paid?
- A5. The Nottawaseppi Huron Band of the Potawatomi, NHBP, requires this on the project. The contractor is required to add them to their payroll for the project and NHBP will reimburse the contractor for the pay. During the undercutting this season flaggers may not be needed. During aggregate base placement, paving operations and shoulder placement flaggers will be utilized at both ends to direct the local traffic.
- Q6. 3000 cy of Subbase, LM, MOD is setup in the job. It is referenced in the project log as part of the "Organic" road section but doesn't show up on the typical section for the "Organic" cross section. Can you please clarify what this is for and provide a special provision for it?
- A6. An updated cross section is on P. 7 of this addendum.

Addendum #2

- Q7. In the Project Log, Area B calls for 3 feet of 3x1 Blast Furnace Slag. How will this material be paid for? Will other materials at the 1"-3" gradation be acceptable such as crushed concrete or limestone?
- A7. Yes we will accept crushed concrete or limestone as long as it meets the gradation and is crushed not round.
- Q8. Can you please clarify the traffic control requirements? I presume the road will remain closed during all work operations. We will re-open following completion of the peat exc and backfill and close again next year to complete the job. No detour needed. Is this correct?
- A8. The road will be closed during all operations. It will be re-opened following the peat exaction and backfill and close again next year to complete the job. A detour will be required.
- Q9. Are you going to put a new bid form out?
- A.9 A new bid sheet is P. 3-5 of this addendum.
- Q10. What is the Engineer's Opinion of Costs?
- A10. \$656,148.05

Schedule of Items (Itemized Bid Sheet)

Letting Date: Tuesday, October 31, 2017 at 2:30PM

Contract ID: Q Drive South
Location: Athens West of 1.5 Mile Rd.
Description: Gravel road to HMA surface

Project Number: Q Drive South	Project Engineer: Fred Oaks
Estimate Number: 1	Date Created: 5/21/2017
Project Type: Miscellaneous	Fed/State #:
Location: Athens	Fed Item:
West of 1.5 Mile Rd.	Control Section:
Description: Gravel road to HMA surface	Revision #1

Instructions to Bidders: IMPORTANT NOTICE:
If the proposal establishes a maximum price for any of the following work items, and if you bid a price higher than that maximum price, your bid will be considered to have quoted the maximum price and your bid total will be adjusted to reflect that maximum price.

If the proposal provides a specified price for any of the following work items, and if you bid a price higher or lower than that specified price, your bid will be adjusted to reflect that specified price.

If your bid is the lowest accepted bid, and if you refuse to accept the award of the contract due to the change in what you quoted as a maximum or specified price, you will forfeit your proposal guaranty.

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
1500001	Mobilization, Max	1	LSUM				
2020002	Tree, Rem, 19 inch to 36 inch	11	Ea				
2020004	Tree, Rem, 6 inch to 18 inch	9	Ea				
2050010	Embankment, CIP	780	Cyd				
2050016	Excavation, Earth	1,700	Cyd				
2050017	Excavation, Peat	6,500	Cyd				
2057002	Machine Grading MOD	70.5	Sta				
2080036	Erosion Control, Silt Fence	500	Ft				
3010002	Subbase, CIP	6,500	Cyd				
3020002	Aggregate Base, LM	1,300	Cyd				
3077031	Approach, CI II, MOD	108	Ton				
3070126	Shoulder, CI II, 4 inch	5,300	Syd				
3080005	Geotextile, Separator	3,500	Syd				
3080010	Geotextile, Stabilization	2,250	Syd				
4010012	Culv End Sect, 12 inch	6	Ea				
4010573	Culv, CI E, Conc, 12 inch	135	Ft				
3017021	Subbase, LM MOD	3,000	Cyd				
4040003	Underdrain, Bank, 6 inch	1,600	Ft				
4040093	Underdrain Outlet, 6 inch	140	Ft				
4040113	Underdrain, Outlet Ending, 6 inch	14	Ea				
5010005	HMA Surface, Rem	12	Syd				
5010703	HMA, LVSP	4,070	Ton				

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
6037001	_ Sawcut HMA	84	Ft					
8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	14,100	Ft					
8120022	Barricade, Type III, High Intensity, Lighted, Furn	8	Ea					
8120023	Barricade, Type III, High Intensity, Lighted, Oper	8	Ea					
8120170	Minor Traf Devices	1	LSUM					
8120250	Plastic Drum, High Intensity, Furn	50	Ea					
8120251	Plastic Drum, High Intensity, Oper	50	Ea					
8120340	Sign, Type A, Temp, Prismatic, Furn	66	Sft					
8120370	Traf Regulator Control	1	LSUM					
8167011	Slope Restoration, MOD	3,900	Syd					
Total Bid:								

Contractor: _____

(Signature)

(Date)

CALHOUN COUNTY ROAD DEPARTMENT

SPECIAL PROVISIONS

For

SUBBASE, LM MOD

CCRC: ANK

1 of 1

05-27-17

DESCRIPTION

The work of Subbase, LM MOD shall include all the labor, equipment and materials required to place 1x3 blast furnace slag or similar material in the Excavation, Peat area.

Subbase, LM MOD shall be constructed in accordance with MDOT Standard Specifications for Construction 2003 edition and as described in the project log.

MEASUREMENT AND PAYMENT

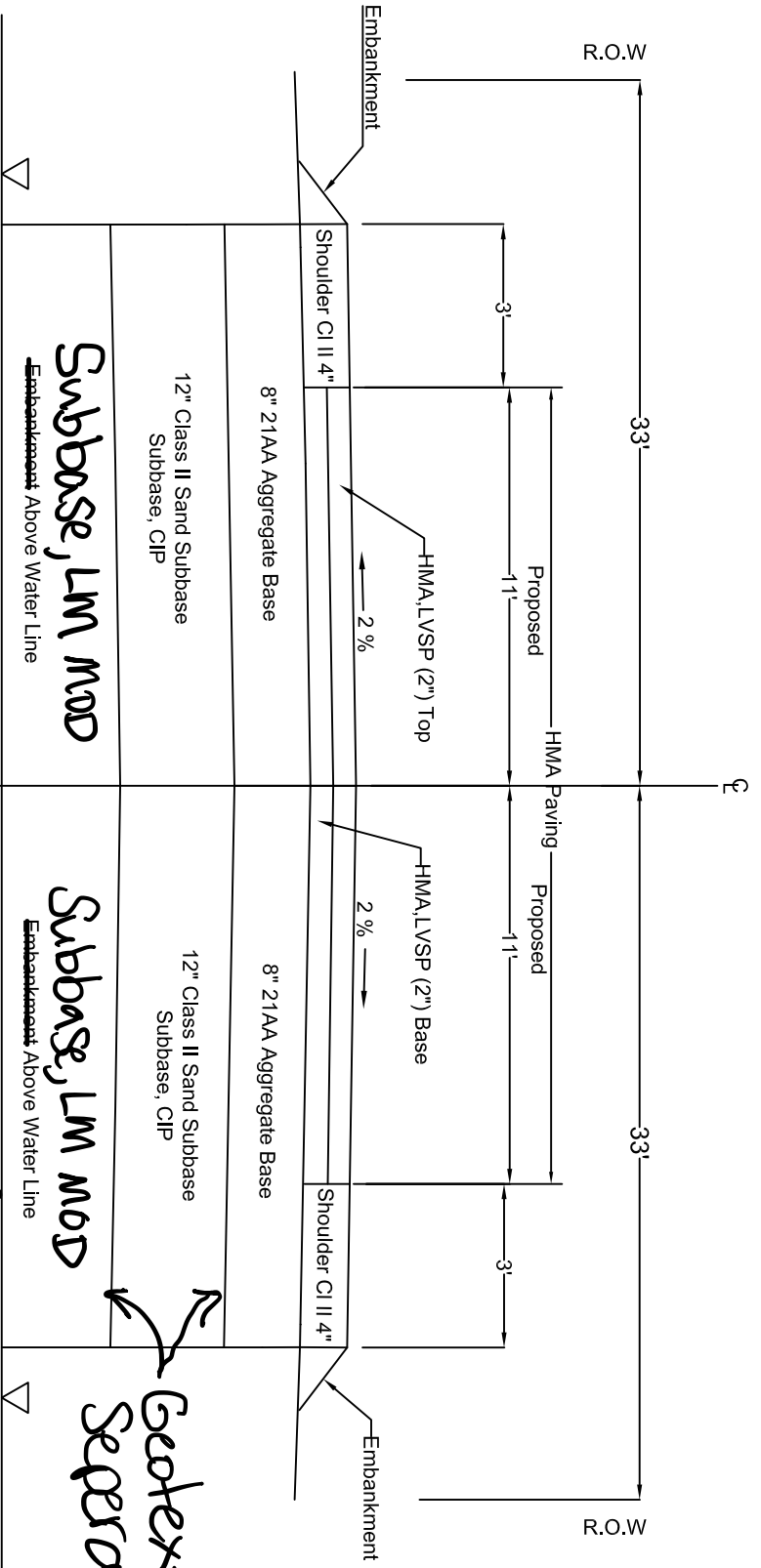
The complete work of Subbase, LM MOD shall be paid for at the contract unit price for the following:

Pay Item Description

Pay Unit

Subbase, LM MOD

Cyd



Typical Section
Organic Areas

HMA Application Table

Item	Rate	AWI	Performance Grade
Base	HMA, LVSP	220 lb./Syd.	PG 58-28
Top	HMA, LVSP	220 lb./Syd.	PG 58-28

*HMA Bond Coat 0.05-0.15 gal./syd (information only, Not bid item) *The AWI for the resurface shall be 280.

Please see the log for specific materials for each excavation, Rest area

Geotextile Separator

Geotextile Stabilization



Calhoun County Road Department

"Building a Better County Through Responsive Leadership"
13300 15 Mile Road, Marshall, MI 49068 (269) 781-9841

Q Drive South Proposed
Cross Section

Control Sect:
Job No:

Scale: NONE Page: 2 of 2
Date: 10/24/2017
Drawn By: BJK