

ADDENDUM NUMBER 1

DATE OF ADDENDUM: May 9, 2016

DIVISION OF MINERAL RESOURCES MANAGEMENT
OHIO DEPARTMENT OF NATURAL RESOURCES
2045 MORSE ROAD
BUILDING H-2
COLUMBUS, OHIO 43229-6693

BID OPENING DATE REMAINS MAY 19, 2016 AT 1:30 PM.

To the Conditions and Specifications for:

**BARKER HIGHWALL MAINTENANCE
TUSCARAWAS COUNTY, OHIO
ODNR PROJECT NUMBER TS-Go-58**

All Bidders are reminded to acknowledge receipt of the Addendum in the space provided on the Form of Proposal, when submitting a bid.

TO ALL BIDDERS:

This Addendum, modifying the original contract conditions, specifications, and drawings shall be taken into account in preparing Proposals and is hereby made part of the Contract documents.

NOTICE TO BIDDERS:

To account for added line items and updates to other item construction costs, the Engineer's Estimate has been revised to \$ **163,711**.

BID SCHEDULE:

The attached Bid Schedule must be used to submit an acceptable bid. The changes made are:

- a. Added Line Item 3332 18-Inch PE/PVC Culvert.
- b. Added Line Item 8210 Access to Project.

DETAILED SPECIFICATIONS:

The following specifications and line items will be added to the contract.

3332 18-INCH PE/PVC CULVERT

- A. Description. This item shall include all material to provide an 18-inch diameter polyethylene corrugated smooth lined pipe in the event that the existing one to be provided by the landowner for **Item 8210 "Access To Project"** is not available. This 18-inch diameter polyethylene corrugated smooth lined pipe shall remain at the conclusion of the project.
- B. Materials.
 1. Pipe. The pipe shall be corrugated smooth lined pipe made of polyethylene (PE). PE pipe shall be N-12 WT Joint Drain Pipe manufactured by Advanced Drainage Systems, Inc. or approved equal.

- C. Installation. Pipe installation shall be performed according to and considered part of **Item 8210 "Access To Project"**.
- D. Measurement. Measurement shall be made by measuring along the centerline of the in place pipe.
- E. Payment. Payment for providing this pipe material shall be made at the contract unit price per linear foot for **"18-Inch PE/PVC Culvert"**.

8210 ACCESS TO PROJECT

- A. Description. This item shall include all material, labor, and equipment necessary for the installation of a drive entrance to the project area along the east side of New England Road as indicated on the Addendum No. 1 Exhibit. This item will include any grading required as shown on exhibit to adhere to Tuscarawas County Engineer standards as well as ditch grading to provide positive drainage.

The entrance and culvert pipe shall remain at the conclusion of the project.

B. Materials.

- 1. Pipe. The pipe shall be consist of the existing 18" PE pipe that is currently on the property. It is being provided by the landowner.
- 2. Aggregate Bedding and Backfill. The bedding and backfill material for the pipe shall be as specified on the Addendum No. 1 Exhibit. Material shall be sound, durable limestone or crushed gravel of the proper gradation meeting ODOT specifications for No.57 aggregate. The use of slag is not permitted.
- 3. Access Stone. Surface stone for the access entrance shall be as specified on the Addendum No. 1 Exhibit. Material shall be sound, durable limestone of the proper gradation meeting ODOT specifications for No.3 or 4 aggregate. The use of slag is not permitted.

- C. Installation. The pipe shall be installed according to the details on the Addendum No. 1 Exhibit. The pipe and fittings shall be connected and installed in accordance with manufacturer's instructions.

The bedding material, backfill material and access stone shall be placed according to the Addendum No. 1 Exhibit. In addition, grading of entrance and road ditch shall be according to Tuscarawas County Engineer standards and Addendum No. 1 Exhibit.

- D. Measurement. Measurement for this item shall be considered and measured as a unit satisfactorily completed and accepted by the Chief.
- E. Payment. Payment for all work specified above shall be made at the contract lump sum price for **"Access to Project"**.

DRAWINGS:

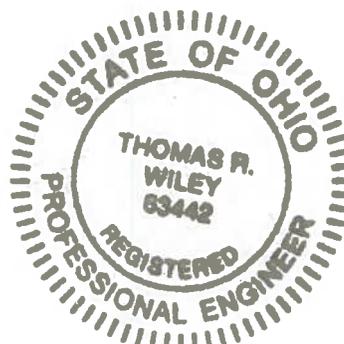
The attached Addendum No.1 Exhibit shall be utilized as part of the Construction Plan Set.

APPROVED:

Thomas Wiley, P.E.

Thomas Wiley, P.E.
Division of Mineral Resources Management

DATE: 05/09/16



**BARKER HIGHWALL MAINTENANCE PROJECT
TUSCARAWAS COUNTY, OHIO
PROJECT NUMBER TS-Go-58**

BID SCHEDULE – Addendum No. 1

REF	ITEM	DESCRIPTION	UNIT PRICE		QUANTITY	UNITS	ITEM TOTAL
			LABOR	MATERIAL			
1	0008	Mobilization			1	Lump Sum	
2	2130	Impoundment Dewatering			1	Lump Sum	
3	2200	Earthwork			1	Lump Sum	
4	3140	Type "D" Rock Channel Protection			73	Ton	
5	3211	Filter Fabric			650	Sq Yard	
6	3235	Outlet Structure			1	Lump Sum	
7	3332	18-Inch PE/PVC Culvert			50	Linear Ft	
8	3411	Straw Wattles			1,555	Linear Ft	
9	3451	No. 3 and No. 4 Stone			30	Ton	
10	3454	No. 57 Stone (Road)			52	Ton	
11	3455	Washed River Gravel			315	Ton	
12	3601	Permanent Pond			1	Lump Sum	
13	4100	Underdrains			1,200	Linear Ft	
14	4630	Structural Repairs			1	Lump Sum	
15	6100	Standard Revegetation			4	Acre	
16	7255	Utility Crossing			108	Linear Ft	
17	8210	Access to Project			1	Lump Sum	
18	9213	Fence Removal			1,500	Linear Ft	
19	9220	Farm Gate			1	Each	
20	9991	Surveying			1	Lump Sum	
ESTIMATE TOTAL							

Note: Bidder shall complete the unit price of labor and material for each bid item listed above. The item total shall be the unit price bid multiplied by the quantity. Bidders shall complete all items in the above bid schedule; failure to do so may be cause for rejection of the bid.

The undersigned, having inspected the basic project specifications and contract documents, hereby proposes to furnish all labor, equipment, tools, and transportation necessary to perform the proposed work in accordance with the listed prices.

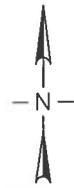
Proposals shall be sealed and returned to the Department of Natural Resources in the attached envelope and sent to, Attention: **MELISSA PRICE**, Division of Mineral Resources Management, 2045 Morse Road, Building H, Columbus, Ohio 43229-6693 until 1:30 PM on May 19, 2016

The performance period for this basic contract shall be from the date of award through September 30, 2016. The work embodied in this proposal shall be completed in accordance with the schedule contained in each specific Work Directive.

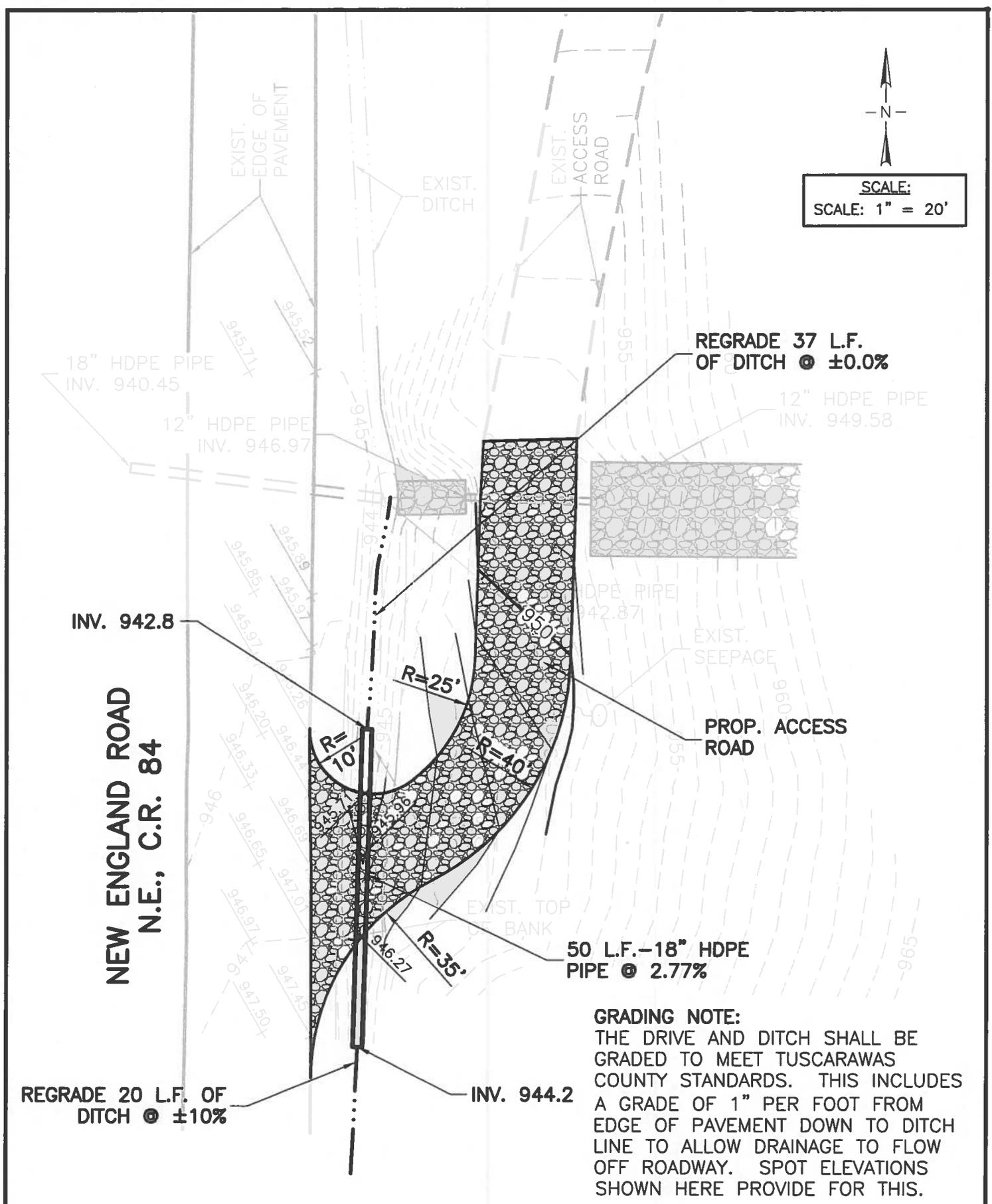
The bidder shall furnish evidence of Worker's Compensation and Liability Insurance in the following minimum amounts:

Personal Injury	\$1,000,000.00/\$1,000,000.00	Limit Minimum
Property Damage	\$500,000.00	Limit Minimum

NAME OF CONTRACTOR: _____
DATE: _____
SIGNATURE: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
TELEPHONE: _____
FEDERAL TAX IDENTIFICATION #: _____



SCALE:
SCALE: 1" = 20'



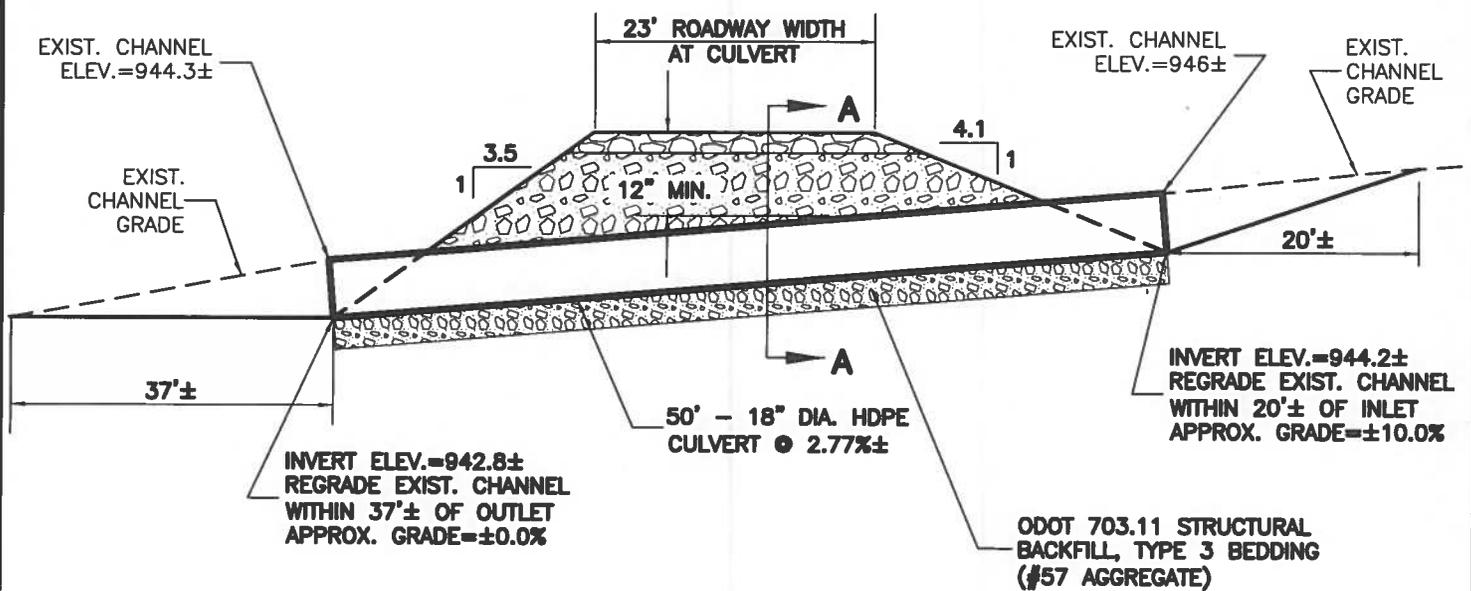
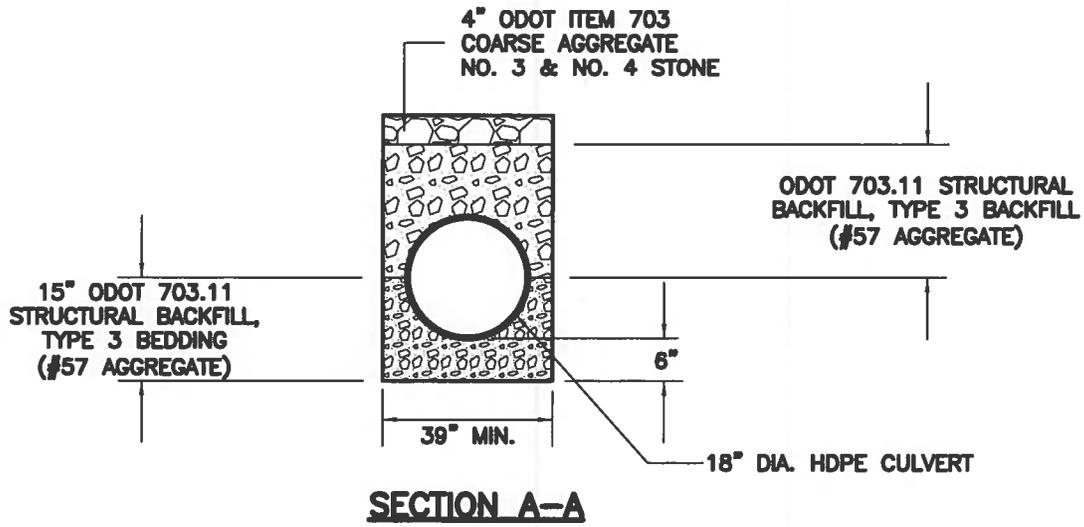
GRADING NOTE:
THE DRIVE AND DITCH SHALL BE GRADED TO MEET TUSCARAWAS COUNTY STANDARDS. THIS INCLUDES A GRADE OF 1" PER FOOT FROM EDGE OF PAVEMENT DOWN TO DITCH LINE TO ALLOW DRAINAGE TO FLOW OFF ROADWAY. SPOT ELEVATIONS SHOWN HERE PROVIDE FOR THIS.

ESTIMATED QUANTITY TABLE

ITEM	DESCRIPTION	UNITS	QUANTITY
3332	18-INCH PE/PVC CULVERT	LINEAR FT	50
8210	ACCESS TO PROJECT	LUMP SUM	1
	* INCLUDES ±30 TONS - NO. 3 & NO. 4 STONE		
	* INCLUDES ±16 TONS - ODOT 703.11 STRUCTURAL BACKFILL, TYPE 3 BEDDING & BACKFILL (#57 AGGREGATE)		

NOTE:
EXISTING ELEVATION AND TOPOGRAPHIC INFORMATION IS BASED ON AN ACTUAL FIELD SURVEY BY ROBERT A. LOWE S-8415 ON APRIL 14, 2016.

HORIZONTAL DATUM: NAD 83 OHIO STATE PLANE NORTH
VERTICAL DATUM: NAVD88



18-INCH DIA. HDPE ACCESS ROAD CULVERT
NOT TO SCALE

NOTE:

THIS CULVERT IS A PERMANENT STRUCTURE AND SHALL REMAIN AT THE END OF THE PROJECT.

THE CULVERT MAY BE ABLE TO BE INSTALLED IN THE EXISTING ROAD DITCH. HOWEVER, DITCH GRADING AND FIELD CONDITIONS MAY REQUIRE CULVERT LOCATION TO BE MOVED TO THE EAST FROM CURRENT DITCH CENTERLINE.

POSITIVE DRAINAGE TO THE CULVERT AND ROAD DITCH SHALL BE OBTAINED.

