

**OHIO TURNPIKE AND  
INFRASTRUCTURE COMMISSION**

**ADDENDUM NO. 1**

**PROJECT NO. 70-19-01  
M.P. 222.0 EASTBOUND SLOPE REPAIR  
M.P. 222.5 EASTBOUND DITCH REPAIR  
MILEPOST 222.0 AND MILEPOST 222.5  
WEST AUSTINTOWN, MAHONING COUNTY, OHIO**

**OPENING DATE: 2:00 P.M. (EASTERN TIME), MARCH 26, 2019**

**ALL BIDS MUST BE ELECTRONICALLY SUBMITTED THROUGH BID EXPRESS**

**ATTENTION OF BIDDERS IS DIRECTED TO:  
QUESTIONS AND ANSWERS THROUGH 5:00 P.M. ON MARCH 19, 2019**

**-AND-**

**MODIFICATIONS TO THE CONTRACT DOCUMENTS**

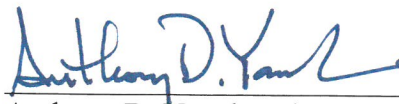
Plan Sheets: 1, 5 and 7 of 7

**-and-**

Bid Schedule of Items and Estimated Quantities Worksheet:

Ref. Nos. 24, 33 and 39

Issued by the Ohio Turnpike and Infrastructure Commission on March 20, 2019. Issuance authorized by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contracts Administration.

  
Anthony D. Yacobucci      3/20/19  
Date

  
Mark R. Musson      3/20/19  
Date

**QUESTIONS AND ANSWERS THROUGH 5:00 P.M. ON MARCH 19, 2019**

**Q#1 Is a Field Office really needed? There is a bid item for one. I'm hoping this project is wrapped up pretty quickly.**

*A#1 Bid Schedule of Items, the Estimate Quantities Worksheet and Plan Sheet No. 7 of 7 are modified through this Addendum No. 1 to delete the requirement for a Field Office from the project. Reference No. 24 has been deleted from the Bid Schedule of Items and the Estimate Quantities Worksheet.*

**Q#2 I don't see an item for Granular Embankment (#8 backfill for Benching Slope Drain). Will an item be added?**

*A#2 Granular Embankment is included with Item Special – Benching Slope Drain as indicated on Plan Sheet 5 of 7. A note and contingency quantity are added through this Addendum No. 1 to the Bid Schedule of Items, the Estimated Quantities Worksheet and Plan Sheet 5 of 7 as Reference No. 39 to cover possible overrun of the included plan calculated quantity for granular embankment.*

**Q#3 The bid quantity for Ref. No. 33 Item 832 is 1 EACH. Per 832 and the ADDITIONAL CONTROLS note on the plan cover page, this would amount to a lump sum total of \$1.00. Please clarify the Commission's intent with respect to this item.**

*A#3 Bid Schedule of Items, the Estimate Quantities Worksheet and Plan Sheet Nos. 1 and 7 of 7 are modified through this Addendum No. 1 to add an additional note for clarification and to revise the plan quantity for Reference No. 33, Item 832 from 1 to 10,000.*

**MODIFIED CONTRACT DOCUMENTS**

With this Addendum No. 1, the Commission substitutes the enclosed material for the following Contract Documents:

Plan Sheet Nos.: 1, 5 and 7 of 7

with additions to the Plan Drawings are called out with a cloud and a revision triangle as thus:



With this Addendum No. 1, the Commission modifies the Bid Schedule of Items for the following Reference Numbers: 24, 33 and 39

Addendum No. 1 to Contract 70-19-01:

\_\_\_\_\_  
(Firm Name)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed Name)

Date: \_\_\_\_\_

# OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

## THE JAMES W. SHOCKNESSY OHIO TURNPIKE



### PROJECT NO. 70-19-01 M.P. 222.0 EASTBOUND SLOPE REPAIR M.P. 222.5 EASTBOUND DITCH REPAIR MILEPOST 222.0 AND MILEPOST 222.5 WEST AUSTINTOWN, MAHONING COUNTY, OHIO

THE PROJECT EDA IS 1.65 ACRES  
CONTRACTOR EDA IS 0.25 ACRES (ESTIMATED)  
NOI EDA NOT APPLICABLE (ROUTINE MAINTENANCE PROJECT)

#### WATERS OF THE STATE PROTECTION:

IF CONSTRUCTION ACTIVITIES DISTURB AREAS ADJACENT TO WATERS OF THE STATE, STRUCTURAL PRACTICES SHALL BE IMPLEMENTED ON SITE TO PROTECT ALL ADJACENT WATERS OF THE STATE FROM IMPACTS OF SEDIMENT RUNOFF. NO STRUCTURAL SEDIMENT CONTROLS SHALL BE USED IN THE WATERS OF THE STATE. FOR ALL CONSTRUCTION ACTIVITIES IMMEDIATELY ADJACENT TO SURFACE WATERS OF THE STATE, A FIFTY (50) FOOT PERMANENT BUFFER SETBACK FROM AN INTERMITTENT STREAM AND A SEVENTY-FIVE (75) FOOT SETBACK FROM A PERENNIAL STREAM SHOULD BE MAINTAINED IN ITS NATURAL STATE AND LEFT UNDISTURBED ALONG THE WATERS OF THE STATE, AS MEASURED FROM THE ORDINARY HIGH WATER MARK OF THE SURFACE WATER. WHERE IMPACTS WITHIN THIS SETBACK ARE UNAVOIDABLE DUE TO THE NATURE OF THE CONSTRUCTION ACTIVITY, THE PROJECT SHALL BE DESIGNED SUCH THAT THE NUMBER OF STREAM CROSSINGS AND THE WIDTH OF THE DISTURBANCE WITHIN THE SETBACK AREA ARE MINIMIZED.

THE CONTRACTOR SHALL NOT PLACE ANY EQUIPMENT IN OR PERFORM ANY WORK IN ANY OF THE STREAMS CROSSING THE PROJECT AREA. EQUIPMENT SHALL BE MOVED ACROSS STREAM CHANNELS ON EXISTING BRIDGES. NO TEMPORARY STREAM CROSSINGS MAY BE CONSTRUCTED.

#### ADDITIONAL CONTROLS:

ANY ADDITIONAL SEDIMENT AND EROSION CONTROLS REQUIRED TO MANAGE SEDIMENT AND EROSION FOR THIS PROJECT, NOT SEPARATELY ITEMIZED HERE IN, AND REQUIRED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) AND /OR REQUIRED AS PART OF SUPPLEMENTAL SPECIFICATION 832 SHALL BE PAID FOR AT THE UNIT BID PRICE FOR ITEM 832 - EROSION CONTROL.

#### SWP3 NOTES:

AS PART OF THIS DOCUMENT THE CONTRACTOR IS REQUIRED TO DESIGN AND SUBMIT TO THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION A STORM WATER POLLUTION PREVENTION PLAN (SWP3) AS NECESSARY, AND CERTIFIED THAT THE PLAN IS APPROPRIATE FOR THE MEANS, METHODS, AND CONSTRUCTION SCHEDULE TO BE EMPLOYED BY THE CONTRACTOR DURING CONSTRUCTION OF THIS PROJECT. FURTHERMORE, ANY MODIFICATIONS TO THE SWP3 REQUIRED AS A RESULT OF A CONTROL(S) NOT PERFORMING AS INTENDED, NOT INITIALLY PROPOSED, OR NOT REQUIRED SHALL BE TREATED AS A CHANGE ORDER ITEM. ONCE A CHANGE ORDER IS APPROVED, THE CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THE SWP3 IS REVISED AND LOGGED IN THE SWP3 REVISION LOG.

THE CONTRACTOR SHALL PREPARE AND SUBMIT THE FOLLOWING TO THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION IN ORDER TO FINALIZE THE SWP3:

- SCHEDULE OF DISTURBANCE
- IDENTIFICATION OF ALL ON-SITE BATCH PLANTS (IF ANY)
- IDENTIFICATION OF PROPOSED WASTE AND BORROW AREAS
- IDENTIFICATION OF PROPOSED ON SITE FUELING AREAS
- IDENTIFICATION OF STAGING AND MATERIAL STORAGE AREAS
- IDENTIFICATION OF BATCHING AND MIXING AREAS
- SPILL PREVENTION CONTROL AND COUNTER MEASURES PLAN (IF NECESSARY)
- WASTE HANDLING PLAN
- HAZARDOUS WASTE SPILL PLAN

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 832 - STORM WATER POLLUTION PREVENTION PLAN

NO PERMANENT STORM WATER MANAGEMENT BASINS ARE PROPOSED AS PART OF THIS PROJECT. THE PROJECT DOES NOT REQUIRE PERMANENT POST-CONSTRUCTION BMP PLACEMENT AND NO PERMANENT EROSION AND SEDIMENT CONTROLS ARE PROPOSED.

#### INDEX OF SHEETS

- 1- TITLE SHEET
- 2- SLOPE REPAIR PLAN
- 3- DITCH REPAIR PLAN
- 4- SLOPE REPAIR TYPICAL SECTION
- 5- MISCELLANEOUS DETAIL(S)
- 6- SEQUENCE OF CONSTRUCTION AND GENERAL NOTES
- 7- GENERAL NOTES AND GENERAL SUMMARY

#### OHIO TURNPIKE STANDARD DRAWINGS

CB-1	CATCH BASIN, NO. CB-1 WITH SLOPE DRAIN DETAIL	10/20/17
CB-2	CATCH BASIN, NO. CB-1 RECONSTRUCTED	10/20/17
RPM-1	RAISED PAVEMENT MARKER AND STRIPING LAYOUT	10/20/17
TCB-1	REQUIREMENTS FOR PORTABLE BARRIER SETTING AND REMOVAL OPERATIONS	10/20/17
TCR-1	TEMPORARY TRAFFIC CONTROL GENERAL NOTES	10/20/17
TCR-2	TEMPORARY TRAFFIC CONTROL DETAILS, LEGEND, NOTES, AND STANDARD SINGLE LANE CLOSURE	10/20/17
TCR-9	TEMPORARY TRAFFIC CONTROL SHORT DURATION/ SHORT TERM SHOULDER CLOSURE	10/20/17
TCR-10	TEMPORARY TRAFFIC CONTROL DOUBLE LANE CLOSURE	10/20/17
TCR-11PS	TRAFFIC CONTROL PAVEMENT STRIPING MOVING ZONE	10/20/17
TCR-15	TEMPORARY TRAFFIC CONTROL SIGNS FOR MAINTENANCE AND CONSTRUCTION	10/20/17

#### OHIO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS

BP-3.1	ASPHALT PAVING	07/18/14
BP-5.1	CONCRETE CURBS AND COMBINED CURB AND GUTTER	01/18/19
CB-3.3	CATCH BASIN NO.8	01/15/16
DM-4.3	SEDIMENT AND EROSION CONTROLS	01/15/16
DM-4.4	CONSTRUCTION EROSION CONTROL	01/15/16
MGS-1.1	GUARDRAIL DETAILS	01/19/18
MGS-2.1	MIDWEST GUARDRAIL SYSTEM, STANDARD TYPE MGS	01/19/18
MGS-4.3	GUARDRAIL TRANSITIONS	01/18/13
MT-95.40	CLOSING RIGHT OR LEFT LANES OF A MULTI-LANE DIVIDED HIGHWAY WITH PORTABLE BARRIER	07/14/18
MT-101.70	BARRIER AND IMPACT ATTENUATOR DELINEATION	07/20/18
MT-101.90	DROP-OFFS IN WORK ZONES	07/21/17
RM-4.2	32" PORTABLE CONCRETE BARRIER	07/20/18

#### OHIO DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL SPECIFICATIONS

800 - 1/18/19    821 - 04/20/12    832 - 10/19/18    921- 04/20/12

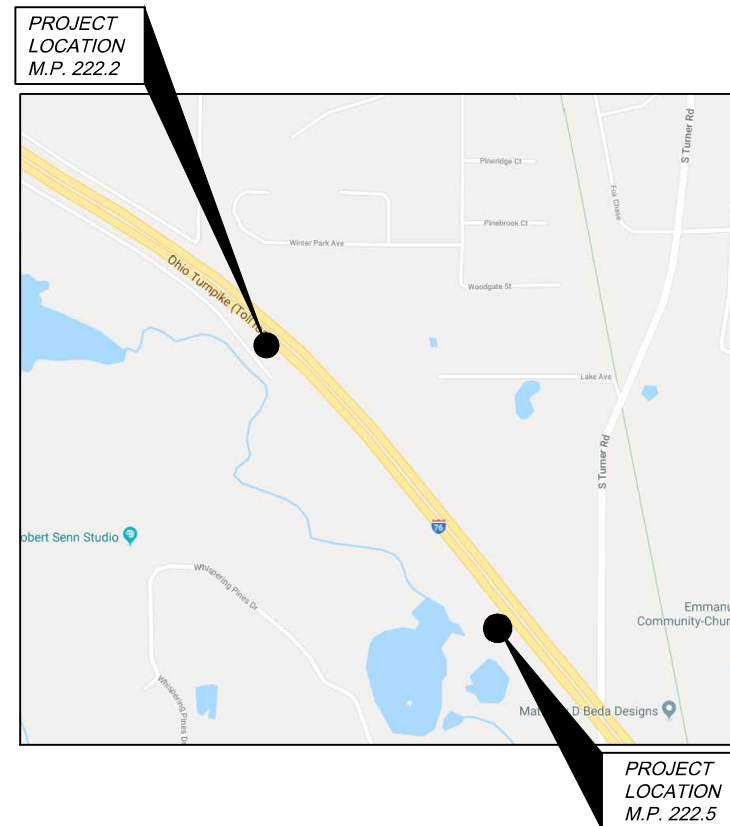
**UNDERGROUND UTILITIES**  
CONTACT BOTH SERVICES  
CALL TWO WORKING DAYS  
**BEFORE YOU DIG**

CALL  
1-800-362-2764  
OR 811 (TOLL FREE)

OHIO UTILITIES PROTECTION  
SERVICE NON-MEMBERS  
MUST BE CALLED DIRECTLY

OHIO OIL & GAS PRODUCERS UNDERGROUND  
PROTECTIVE SERVICE CALL: 614-715-2984 OR 811

OTIC DIVISION TRADES SUPERVISOR:  
440-971-2731 - WEST (M.P. 0.0 - M.P. 126.4)  
440-971-2781 - EAST (M.P. 126.4 - M.P. 241.26)



APPROVED FOR  
THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
BY

CHIEF ENGINEER

DATE

#### ENGINEERS SEAL:

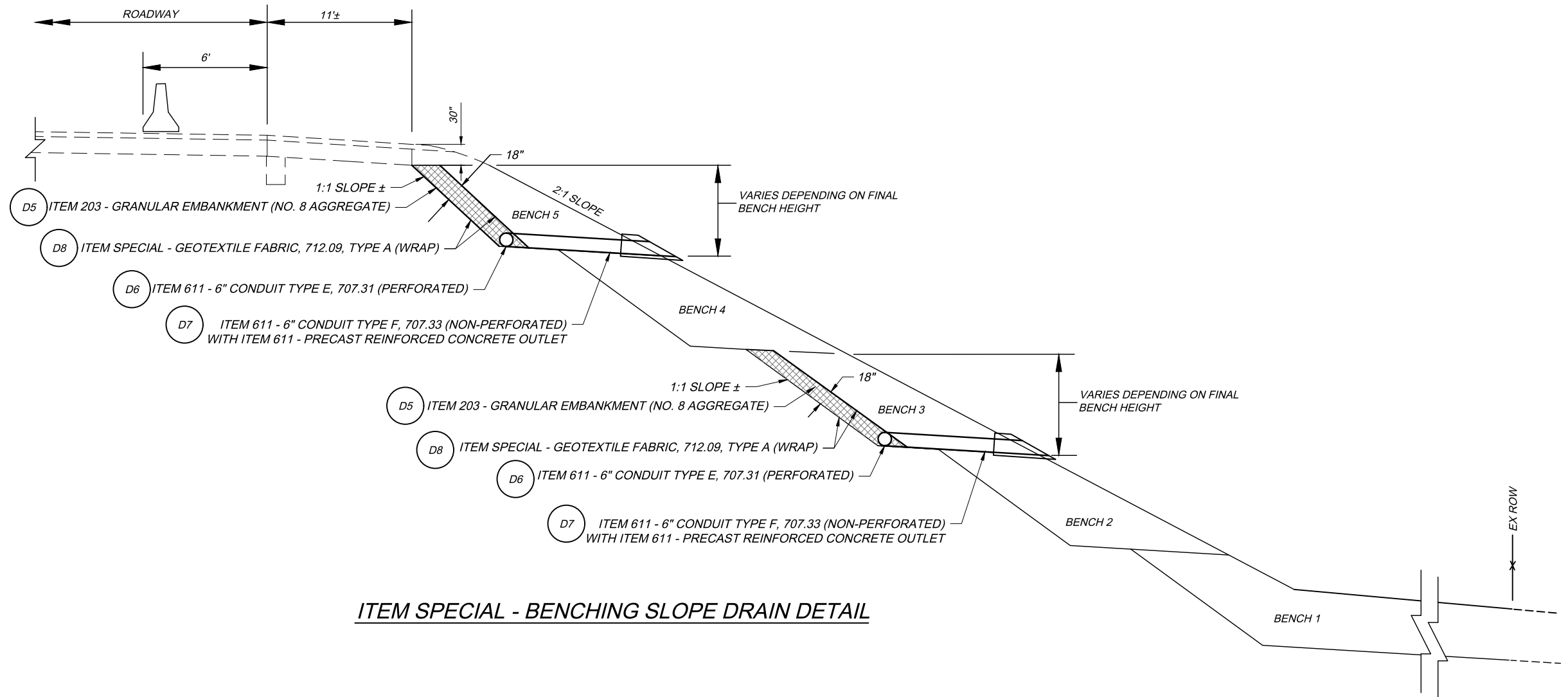
STATE OF OHIO  
REGISTERED PROFESSIONAL ENGINEER  
CHARLES E. LEWIS, JR.  
PE-#79024

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT		70-19-01	
 LJB Inc. • 22710 Fairview Center Drive, Suite 200 Fairview Park, OH 44126 (440) 883-4504 tel • LJBinc.com			
NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 1	CEL	3/15/2019

C:\Ohio Turnpike Comm\112148A.00 - 2016 GES Design Contract\Task 10 MP 222.5 EB Slip Rpt\148-10\roadway\sheet\71-19-05\_G7001.dwg: Title Sheet: 3/19/19 - 4:50pm

Q:\Ohio Turnpike Comm\10112148A.00 - 2016 GES Design Contract\Task 10 MP 222.5 EB Slip Rpt\148-10\roadway\sheet\71-19-05\_GY002.dwg; Multipurpose Sheet: 3/19/19 - 4:54pm



**ITEM SPECIAL - BENCHING SLOPE DRAIN DETAIL**

**ITEM SPECIAL - BENCHING SLOPE DRAIN**

THIS ITEM SHALL CONSIST OF THE CONTRACTOR INSTALLING SLOPE DRAINS AS DETAILED ABOVE, AND IN THE PROJECT GEOTECHNICAL REPORT. SLOPE DRAIN HEIGHT WILL VARY DEPENDING ON EACH BENCH HEIGHT. THE TOP OF THE GRANULAR EMBANKMENT SHALL BE 30" BELOW TOP OF FINISHED GRADE. THE CONDUIT, TYPE E, SHALL BE PERFORATED AS CALLED FOR UNDER ITEM 605, UNCLASSIFIED PIPE UNDERDRAINS. TRANSVERSE OUTLETS FOR THE TYPE E CONDUIT SHALL BE INSTALLED AT 50' INTERVALS, OR AS DIRECTED BY THE CHIEF ENGINEER AND SHALL BE NON-PERFORATED CONDUITS TYPE F, 707.33. THE DRAINAGE CONDUIT SHALL BE SLOPED 1/4" PER FOOT TRANSVERSELY AWAY FROM THE BENCHING SLOPE DRAIN AND DISCHARGED OUT THE SLOPE FACE AT 50' INTERVALS WITH A PRECAST REINFORCED CONCRETE OUTLET, UNLESS DIRECTED OTHERWISE BY THE CHIEF ENGINEER.

THE CONTRACTOR IS TO INSTALL ITEM SPECIAL - BENCHING SLOPE DRAIN ON THE THIRD AND FIFTH BENCH AS SHOWN IN THESE PLANS. THE QUANTITY OF ITEM SPECIAL - BENCHING SLOPE DRAIN, AS SHOWN TO THE RIGHT, MAY BE ADJUSTED BY THE CHIEF ENGINEER. ADDITIONAL CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DRAINING THE REMAINING BENCHES AS DIRECTED BY THE CHIEF ENGINEER.

THE USE OF CRUSHED GRAVEL AND/OR SLAG FOR GRANULAR EMBANKMENT WILL NOT BE PERMITTED. THE GRANULAR EMBANKMENT SHALL BE PLACED IN LIFTS AS THE EMBANKMENT IS CONSTRUCTED AND WRAPPED WITH ITEM 690, GEOTEXTILE FABRIC.

ITEM 203 - GRANULAR EMBANKMENT SHALL CONFORM TO THE PLAN REQUIREMENTS AND APPLICABLE PORTIONS OF ITEM 203. ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NEEDED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE PER CU. YD. OF ITEM 203 - GRANULAR EMBANKMENT INSTALLED AND ACCEPTED.

INDIVIDUAL QUANTITIES SHOWN FOR INFORMATION ONLY. PAYMENT FOR ITEM SPECIAL - BENCHING SLOPE DRAIN SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS TO CONSTRUCT AND INSTALL ALL ITEMS LISTED IN THIS SHEET.

A CONTINGENCY QUANTITY OF 240 CU. YD. OF ITEM 203 GRANULAR EMBANKMENT (NO. 8 AGGREGATE) HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE CHIEF ENGINEER FOR ANY AMOUNT OVER AND ABOVE THE PLAN QUANTITY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ACTUAL QUANTITY INSTALLED AND ACCEPTED IN PLACE ACCORDING TO ITEM 203 GRANULAR EMBANKMENT AND THE PLAN DETAILS SHOWN ABOVE. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ANY UNUSED PORTIONS OF THIS CONTINGENCY.

REF #	APPROX. LOCATION	ITEM SPECIAL - BENCHING SLOPE DRAIN (FOR INFORMATION ONLY)					
		203	611	611	611	SPECIAL	SPECIAL
		GRANULAR EMBANKMENT (NO. 8 AGGREGATE)	6" CONDUIT TYPE E, 707.31 (PERFORATED)	6" CONDUIT TYPE F, 707.33 (NON-PERFORATED)	PRECAST REINFORCED CONCRETE OUTLET	SPECIAL - GEOTEXTILE FABRIC, 712.09, TYPE A	BENCHING SLOPE DRAIN
		CY YD	FOOT	FOOT	EACH	SQ YD	FOOT
D5	280+60 - 286+60	*1200					
D6	280+60 - 286+60		*3000				
D7	280+60 - 286+60			*1200	*60		
D8	280+60 - 286+60					*6700	
SUBTOTAL		*1200	*3000	*1200	*60	*6700	*3000

\* QUANTITY INCLUDES MANDATORY 3RD AND 5TH BENCH SLOPE DRAINS PLUS CONTINGENCY FOR DRAINING ALL OTHER BENCHES AS DIRECTED BY THE CHIEF ENGINEER.

	DESIGN AGENCY <small>148 Ave. S. 25700th Center Drive, Suite 200                  Florence Park, OH 44628                  (440) 887-4562 fax (440) 887-4563</small>	BY DATE CEL 03/15/18	REVISIONS ADDENDUM NO. 1	NO. 1	CHECKED JRW IN CHARGE	DWS	MISCELLANEOUS DETAIL(S)	MAHONING COUNTY M.P. 222.2	PROJECT 70-19-01 DATE: 02/08/2019	5 7	OHIO TURNPIKE
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**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION**

**GENERAL NOTES (CONTINUED)**

**REQUIRED CONSTRUCTION COORDINATION**

THE CONTRACTOR SHALL BE AWARE THAT IT IS EXPECTED THAT THE CONTRACTOR SHALL COOPERATE AND COORDINATE TEMPORARY TRAFFIC CONTROL ZONES WITH AN ADJACENT TURNPIKE BRIDGE PROJECT, 43-18-05 BEGINNING AT M.P. 223. THE COST OF COORDINATING THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR THE COORDINATING AND PLANNING OF THE TEMPORARY TRAFFIC CONTROL ZONES.

**CONTRACTOR STAGING AREA**

THE AVAILABLE CONTRACTOR STAGING AREAS WILL BE EXIT 218 ADJACENT TO THE OTIC SALT DOME. IF A CONTRACTOR CHOOSES A STAGING AREA WITHIN THE TURNPIKE RIGHT OF WAY OTHER THAN WHAT IS INDICATED IN THE PLANS, IT MUST BE SUBMITTED TO THE CHIEF ENGINEER FOR APPROVAL PRIOR TO USE.

THE STAGING AREA SHALL BE MAINTAINED BY THE CONTRACTOR AND RESTORED TO ORIGINAL CONDITION TO THE APPROVAL OF THE ENGINEER PRIOR TO COMPLETION OF ALL WORK.

**ITEM SP 614 - MAINTAINING TRAFFIC, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF ITEM SP 614 - MAINTAINING TRAFFIC, THE FOLLOWING SHALL APPLY:

**- PROJECT CONSTRUCTION ACCESS POINT**

IT IS ANTICIPATED THAT THE CONTRACTOR WILL ACCESS THE PROJECT AREA FROM THE MAINLINE ROADWAY AT APPROXIMATELY MP 222.2. THE CONTRACTOR SHALL REMOVE THE GUARDRAIL AND CURBING, AS NEEDED, AND INSTALL A STONE DRIVE TO TRANSITION FROM THE MAINLINE SHOULDER TO THE GRASS/EXISTING GROUND. THE CONTRACTOR SHALL USE PORTABLE BARRIER TO PROTECT THE ACCESS POINT. THE PORTABLE BARRIER SHALL BE IN ACCORDANCE WITH SP 622. THE PORTABLE BARRIER CAN BE STARTED BY LAPPING AT LEAST ONE SECTION OF PORTABLE BARRIER BEHIND THE EXISTING GUARDRAIL AND TAPERING THE REST OUT IN ACCORDANCE WITH MT-95.40. A NEW ANCHOR ASSEMBLY, TYPE T MUST BE INSTALLED AT THE END OF THE EXISTING GUARDRAIL THAT IS EXPOSED TO TRAFFIC WHERE THE OVERLAP OCCURS. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE ROUNDED END SECTION FROM THE ANCHOR ASSEMBLY, TYPE T AND RESTORE THE GUARDRAIL AND CURBING. NEW ANCHOR ASSEMBLY, TYPE T AND THE STONE DRIVE MAY REMAIN AT NO ADDITIONAL COST TO THE COMMISSION. ALL LABOR, EQUIPMENT, MATERIALS, PORTABLE BARRIER, ANCHOR ASSEMBLY, TYPE T AND INCIDENTALS NEEDED TO CREATE THE CONSTRUCTION ACCESS POINT SHALL BE CONSIDERED INCIDENTAL TO SP 614.

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE CHIEF ENGINEER" UNLESS AUTHORIZED BY THE CHIEF ENGINEER. THE ACTUAL WORK LOCATION AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING THE COMPLETION OF THIS PROJECT.

**INCLEMENT WEATHER**

THE CONTRACTOR SHALL BE AWARE OF AND PREPARE FOR CHANGING WEATHER CONDITIONS. WHEN CONDITIONS DICTATE, OR AS DIRECTED BY THE CHIEF ENGINEER, THE CONTRACTOR SHALL PROVIDE AND UTILIZE NECESSARY EQUIPMENT TO PREVENT WATER FROM PONDING ALONG THE MILLED SURFACE AND FLOWING INTO AND ACROSS ACTIVE TRAFFIC LANES.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE ABOVE MENTIONED SHALL BE CONSIDERED INCIDENTAL TO ITEM SP 614 - MAINTAINING TRAFFIC, AS PER PLAN.

**ITEM 619 - FIELD OFFICE, AS PER PLAN**

THE FIELD OFFICE PROVIDED SHALL MEET THE REQUIREMENTS OF ITEM 619, TYPE B FIELD OFFICE WITH THE FOLLOWING EXCEPTION(S):

-THE FIELD OFFICE WILL BE PAID AT THE CONTRACT LUMP SUM PRICE BID, WHICH SHALL BE FULL COMPENSATION FOR FURNISHING AND MAINTAINING FACILITIES, ALL UTILITIES, HEAT, ELECTRIC, TELEPHONES, INTERNET, WEEKLY CLEANING AND REMOVAL OF FACILITIES UPON COMPLETION OF THE CONTRACT.

**ITEM SP 622 - PORTABLE BARRIER**

THE CONTRACTOR SHALL PROVIDE PORTABLE BARRIER IN ACCORDANCE WITH SP 622. THE PORTABLE BARRIER SHALL BE IN PLACE PRIOR TO CONSTRUCTING THE FINAL BENCH OR REMOVING ANY GUARDRAIL. THE COST OF ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NEEDED TO PROVIDE THE PORTABLE BARRIER, FOR THIS PROJECT, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF ITEM SP 614 MAINTAINING TRAFFIC. PORTABLE BARRIER TAPER RATE AND PLACEMENT SHALL BE IN ACCORDANCE WITH MT-95.40 AND PLAN TYPICAL SECTIONS.

**ITEM SP 626 - BARRIER REFLECTOR, TYPE A (WHITE)**

PRIOR TO COMPLETION OF THE PROJECT, THE CHIEF ENGINEER SHALL IDENTIFY GUARDRAIL LOCATIONS WITHIN THE PROJECT LIMITS THAT REQUIRE INSTALLATION, REPAIR, OR REPLACEMENT OF BARRIER REFLECTORS. FOR THIS PURPOSE, A QUANTITY OF ITEM SP 626, BARRIER REFLECTOR, TYPE A 28 EACH IS INCLUDED IN THE ESTIMATED QUANTITIES FOR USE AS DIRECTED BY THE CHIEF ENGINEER.

ALL LABOR, EQUIPMENT, AND MATERIALS NEEDED TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THIS ITEM.

**TEMPORARY TRAFFIC CONTROL NOTES**

1 - TEMPORARY TRAFFIC CONTROL FOR THE SLOPE REPAIR FROM M.P. 222.2 TO M.P. 222.5 SHALL UTILIZE OTIC STANDARD DRAWING TCR-1, TCR-2 AND TCR-15 WHEN CLOSING THE RIGHT LANE, EXCEPT DRUM SPACING ALONG TANGENT(S) SHALL BE 50' SPACING.

2 - CONTRACTOR SHALL NOT STAGE OR STORE ANY EQUIPMENT ON THE LANES OR ON THE SHOULDER. EQUIPMENT FOR THE PERFORMANCE OF THE WORK MAY BE PRESENT DURING WORKING HOURS, PROVIDED IT IS DONE IN ACCORDANCE WITH THE OTIC STANDARD DRAWINGS.

3 - EQUIPMENT THAT IS NOT BEING USED TO EXECUTE THE WORK, OR AT THOSE TIMES WHEN THE CONTRACTOR IS NOT PERFORMING WORK, MUST BE SAFELY STORED BEHIND EXISTING GUARDRAIL OR REMOVED FROM THE ROADWAY TO AN OFFSITE LOCATION. AT NO TIME SHALL ANY EQUIPMENT BE LEFT WITHIN THE CLEAR ZONE.

4 - THE OTIC STANDARD DRAWINGS ATTACHED HERewith ARE MEANT TO CONVEY THE MINIMUM REQUIREMENTS FOR WORK ZONE SAFETY. THESE STANDARDS ARE TO BE USED BY THE CONTRACTOR WHERE APPLICABLE. DUE TO PROXIMITY OF RAMPS, GUARDRAIL, OR OTHER SUCH ITEMS, THE CHIEF ENGINEER MAY REQUIRE MODIFICATIONS TO THESE ZONES. THIS MAY INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: LENGTHENING ZONES, MODIFYING TAPER RATES, USE ADDITIONAL SIGNAGE OR OTHER SUCH ITEMS AS MAY BE DEEMED NECESSARY BY THE CHIEF ENGINEER FOR THE SAFETY OF OF THE MOTORING PUBLIC AND CONTRACTORS FORCES.

GENERAL SUMMARY			
ESTIMATED		ITEM DESCRIPTION	
QUANTITY			
ITEM	TOTAL	UNIT	
IB. ART. 6	1	LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND
201	1	LUMP	CLEARING AND GRUBBING, AS PER PLAN
202	400	SQ. YD.	PAVEMENT REMOVED
202	600	FOOT	CURB REMOVED
202	600	FOOT	GUARDRAIL REMOVED
202	149	FOOT	PIPE REMOVED, 24" AND UNDER
203	9857	CU. YD.	EXCAVATION
203	9857	CU. YD.	EMBANKMENT
203	9857	CU. YD.	BORROW, AS PER PLAN
254	334	SQ. YD.	PAVEMENT PLANING, ASPHALT CONCRETE (T = 2")
302	67	CU. YD.	ASPHALT CONCRETE BASE, PG64-22 (T = 6")
SP 304	100	CU. YD.	AGGREGATE BASE, AS PER PLAN
407	63	GALLON	NON-TRACKING TACK COAT
441	41	CU. YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446) PG64-22 (T = 2")
601	10	CU. YD.	DUMPED ROCK FILL, TYPE D
606	600	FOOT	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS
609	600	FOOT	ASPHALT CONCRETE CURB, TYPE 1, PG64-22
611	10	FOOT	8" CONDUIT TYPE C, 707.33
611	144	FOOT	12" CONDUIT TYPE F, 707.33
611	1	EACH	CATCH BASIN, NO. 8
611	2	EACH	CATCH BASIN FRAME AND GRATE, AS PER PLAN
611	2	EACH	CATCH BASIN RECONSTRUCTED TO GRADE
SP 614	1	LUMP	MAINTAINING TRAFFIC, AS PER PLAN
SP 619	1	LUMP	FIELD OFFICE
SP 623	1	LUMP	CONSTRUCTION LAYOUT AND SURVEY
624	1	LUMP	MOBILIZATION
SP 626	28	EACH	BARRIER REFLECTOR, TYPE A (WHITE)
642	0.23	MILE	WHITE EDGE LINE, 6", TYPE 1
659	9018	SQ. YD.	SEEDING AND MULCHING, CLASS 2
659	1.06	TON	COMMERCIAL FERTILIZER
659	51.26	MGALLON	WATER
670	8550	SQ. YD.	SLOPE EROSION PROTECTION MAT, TYPE A
832	10000	EACH	EROSION CONTROL
832	1000	FOOT	PERIMETER FILTER FABRIC FENCE
832	400	FOOT	FILTER FABRIC DITCH CHECK
832	1	LUMP	STORM WATER POLLUTION PREVENTION PLAN
SPECIAL	0.23	MILE	SONIC NAP ALERT PATTERN (SNAP)
SPECIAL	3000	FOOT	BENCHING SLOPE DRAIN
* 203	240	CU. YD.	GRANULAR EMBANKMENT (NO. 8 AGGREGATE)

\* CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY THE CHIEF ENGINEER

Q:\Ohio Turnpike Comm\112148A.00 - 2016 GES Design Contract\Task 10 MP 222.5 EB Slip Rpt\148-10\roadway\sheet\71-19-05\_NOTES & GENSUM.dwg; Multipurpose Sheet: 3/19/19 - 4:44pm

DESIGN AGENCY: MJD  
 BY DATE: 

CEL	03/15/18
CEL	

  
 REVISIONS: 

ADDENDUM NO. 1	
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 NO. 1  
 CHECKED: JRW / IN CHARGE: DWS  
 DESIGNED: CEL / DRAWN: CEL  
 PROJECT 70-19-01  
 DATE: 02/08/2019  
 M.P. 222.2  
 MAHONING COUNTY  
 OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION