### MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST **REVISION. THE SPECIFICATIONS AND THE FOLLOWING:** 

CLASS III to CLASS I 1. A MINIMUM OF TWO ELEVEN FOOT LANES IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT AND COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.

2. THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.

3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.

4. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCA-VATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED OR PRO-TECTED AS PER STANDARD CONSTRUCTION DRAWING MT-101.90.

5. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS TWO [2] MILES.

6. FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-8AM AND 3-6PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.

7. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS. AT THE END OF EACH DAY OF WORK. THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE. CENTER. STOP OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.

8. A QUANTITY OF 20 CU. YDS. OF ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC SHALL BE PROVIDED FOR USE IN MAINTAINING PAVEMENT. SHOULDERS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

9. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

10. THE CONTRACTOR SHALL PLACE THE SIGNS: W8-1 [BUMP] PER OMUTCD 2C.28; W8-11 [UNEVEN LANES] PER OMUCTD 6F.45. PAYMENT FOR THESE SIGNS SHALL BE INCIDENTAL TO THE LUMP SUM ITEM 614 - MAINTAINING TRAFFIC.

11. PORTABLE BARRIER MOVED AND RESET FOR CONSTRUCTION OPERATIONS SHALL BE INCLUDED IN THE LUMP SUM COST ITEM 614, MAINTAINING TRAFFIC.

THE FOLLOWING QUANTITIES SHALL BE USED FOR THE MAIN-TENANCE OF TRAFFIC ON THIS PROJECT:

614. WORK ZONE LANE LINE. CLASS I. 6". 0.60 MILE IN ADDITION TO THE REQUIREMENTS OF 615. PORTIONS OF THE 614, WORK ZONE LANE LINE, CLASS I, 6", 740.06, TYPE I, 0.05 MILE EXISTING SHOULDERS SHALL BE RECONSTRUCTED AND WIDENED 614, WORK ZONE CHANNELIZING LINE, CLASS I, 12", 3713 FT TO THE WIDTH INDICATED IN THE PLAN DETAILS USING FLEXIBLE 614. WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I, 372 FT PAVEMENT IN ACCORDANCE WITH 615.05. THE EXISTING PAVEMENT/ SHOULDER SHALL BE SAWCUT AS PER 203.04(E). UPON COMPLETION OF THE PROJECT, THE WIDENED SHOULDERS SHALL REMAIN.

614 WORK ZONE EDGE LINE, CLASS J. 6", 740,06, TYPE J, 0.23 MILE 614, WORK ZONE EDGE LINE, CLASS I, 6", 2.60 MILE

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS. AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR. EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC. UNLESS SEPARATELY ITEMIZED IN THE PLAN.

### NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION. TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION. DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED. NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE. AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

	NOTIFICATIO	N TIME TABLE
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD & RAMP	>= 2WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	<12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	< 2 WEEKS	2 BUSINESS DAYS PRIOR TO CLOSURE
START OF		
CONSTRUCTION &	NI/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION
TRAFFIC PATTERNS	N/A	14 CALENDAR DATS PRIOR TO INPLEMENTATION
CHANGES		

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

#### DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 360 M. GAL.

ш

S

05

0

Ñ

76

OR

#### ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC. CLASS A, AS PER PLAN

ALL RESTORATION WORK ASSOCIATED WITH THE WIDENED SHOULDERS. INCLUDING BUT NOT LIMITED TO GRADING. TOPSOIL SEEDING. FERTILIZING. MULCHING. ETC., SHALL BE PERFORMED IN ACCORDANCE WITH 659.01 AND CONSIDERED INCIDENTAL TO ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN.

ALTHOUGH ESTIMATES FOR TEMPORARY EXCAVATION, EMBANKMENT AND TEMPORARY DRAINAGE FACILITIES MAY BE SHOWN ON THE PLAN DETAILS. THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO. AND INCLUDED WITH PAYMENT FOR ITEM 615 ROADS FOR MAINTAINING TRAFFIC.

PAVEMENT FOR MAINTAINING TRAFFIC SHALL NOT BE OPENED TO TRAFFIC UNTIL ALL WORK ZONE TRAFFIC CONTROL DEVICES, SIGNS, PAVEMENT MARKINGS AND PORTABLE CONCRETE BARRIERS HAVE BEEN ERECTED AND APPROVED BY THE ENGINEER.

PAYMENT SHALL INCLUDE ALL MATERIALS. INCLUDING PAINT. TACK COAT, ASPHALT CONCRETE, ALL LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK. PAYMENT SHALL BE PER S.Y. ITEM 615 - MAINTAINING TRAFFIC, CLASS A, AS PER PLAN:

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN CONSTRUCTING PAVEMENT FOR ITEM 615 - MAINTAINING TRAFFIC. CLASS A. AS PER PLAN:

615, ROADS FOR MAINTAINING TRAFFIC	LUMP SUM
615, PAVEMENT FOR MAINTAINING TRAFFIC, CLA	SS A,
AS PER PLAN 2365 S.Y.	
617, COMPACTED AGGREGATE, AS PER PLAN	198 CU. YD.
408, PRIME COAT, AS PER PLAN @ 0.40 GAL/SY	1182 S.Y.

# ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1". AND ADJACENT TO THE SAFETY EDGE. OR AS DIRECTED BY THE ENGINEER. RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

### MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERC	CENT PASSING		
1- 1/2"	100			
3/4"	50-100			
NO. 4	35-70			
NO. 30	9-33			
NO. 200	0-13			

### ITEM 408 - PRIME COAT. AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

NEW YAR'S (OBSERVED) GENERAL/REGULAR ELECTION DAY (NOV TOTAL SOLAR ECLIPSE (4/8/24) THANKSGIVING MEMORIAL DAY CHRISTMAS (OBSERVED) FOURTH OF JULY (OBSERVED) (OTHER HOLIDAY OR SPECIAL EVENT) LABOR DAY

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY TIME ALL LANES OR SPECIAL EVENT MUST BE OPEN TO TRAFFIC

SUNDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY MONDAY 12:00N FRIDAY THROUGH 6:00AM TUESDAY MONDAY (TOTAL SOLAR ECLIPSE) 12:00N MONDAY THROUGH 6:00AM WEDNESDAY TUESDAY 12:00N MONDAY THROUGH 6:00AM WEDNESDAY TUESDAY (GEN./REG. ELECTION)

12:00N MONDAY THROUGH 6:00AM WEDNESDAY WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY THURSDAY 12:00N WEDNESDAY THROUGH 6:00AM FRIDAY THURSDAY (THANKSGIVING ONLY)

6:00AM WEDNESDAY THROUGH 6:00AM MONDAY FRIDAY 12:00N THURSDAY THROUGH 6:00AM MONDAY SATURDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY

*INEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND* INITIALLY OPENED TO TRAFFIC. SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS. AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.]

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS. THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

DE CRIT ΤO

# TRAFFIC CONTROL INSPECTOR

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER. TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

# ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACESS WAS PRESENT PRIOR TO CONSTRUCTION.

	LANE VALUE CONT	RACT	
ESCRIPTION OF TICAL LANE/RAMP DBE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
POR IR 76	4:00PM - 6:00PM MONDAY - FRIDAY	PER MINUTE	\$185





DESIGNER	
A,	JN
REVI	EWER
LOB 0	2-03-22
PROJECT ID	
109	670
SHEET	ΤΟΤΑΙ
SHEET	

							SHEE	T NUM.				
					P.03	P.05	P.06	P.13	P.14	P.15	P.16	P.41
		Quantity										
Г	(evised	Quantity —	$\sim$	$\sim$	- Lan	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$
	ζ							3 1,665			1,852	
								1,005				
Revi	ised Quan	1 <u>ty</u>						269				
	L L		$\cdots$	$\cdots$	~ 50~~	$\sim$	$\sim$	5	$\sim$	$\sim$	$\sim$	$\sim$
	C	uu	uu	uu	uu	uu	uu	1,587		·····	·····	·····
									37,843			
									40,476 2,220			
											2,054	
									9,981		2	
									16 206			
								1,650 1	16,306			
								1 235				
								235				
										13		
					2							9
					2 1,521							
					1.85							
					2.83 74							
	ugb				13,700							
	GG001.dgn											
	109670_0											
	\Sheets											
	adway											2.2
	ering\Rc									3,000		
	Enginee									282 2,881		
	70/400-1											34
	udek je∖1096											
	USER: sdı ct 04\Portaç									7		
	11 AM s\Distric											
	TIME: 7:35										1,663 417	
	2/2023 s/01 Ac										333 325	
ПDЕ.	DATE: 1/12 Documents					1,182						
SL	(in.) I -pw-02										149 75	
POR-76-20.05 SLIDE	MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 1/12/2023 TIME: 7:35:11 AM USER: sdudek pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Portage\109670\400-Engineering\Roadway\Sheets\109670_					198					1,607	
6-2	APERS entley.c											
2-7	Sheet F ot-pw.b											
ОF	)DEL: 5 :\\ohiod											
Δ	MC pw:											

		PA	RT.		ITEM	GRAND		
	P.42	01/IMS/06	02/IMS/04	ITEM	EXT	TOTAL	UNIT	L
Y	$\sim$	<b>۲۰۲۶</b>	$\sim$	202	20010	3	EACH	CLEARING AND GRUBBING
<u>ک</u>	·····	1,852	·····	12021	123000	1,852	ngin	PAVEMENTREMOVED
		1,665		202	38000	1,665	FT	GUARDRAIL REMOVED
	268		268	SPECIAL	20270130	268	FT	PIPE CLEANOUT OVER 48"
_	~~~~~	269	~~~~~	202	75000	269	FT	FENCE REMOVED
		5		202	98100	5	EACH	REMOVAL MISC.: GROUND MOUNTED MONITORING W
ر	·····	1,587	·····	12021	<u>1983001</u>	1,587	ingui	REMOVAL MISC .: GEOWEB SLOPE PROTECTION REM
		37,843		203	10000	37,843	- yyu	EXCAVATION Revised Unit from CY to SY
		40,476		203	20000	40,476	CY	EMBANKMENT
		2,220		203	35000	2,220	CY	GRANULAR EMBANKMENT, (NO. 57 STONE)
		2,054		204	10000	2,054	SY	SUBGRADE COMPACTION
		9,981		204	30020	9,981	CY	GRANULAR MATERIAL, TYPE C
		2		204	45000	2	HOUR	PROOF ROLLING
		16,306		204	50000	16,306	SY	GEOTEXTILE FABRIC, TYPE A
		1,650		606	15050	1,650	FT	GUARDRAIL, TYPE MGS
		1		606	35002	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1
		1		606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2
		235		607	15000	235	FT	FENCE, TYPE 47
		13		601	21050	13	SY	ER TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAY
	11	10	20	601	32110	20	CY	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREG
		2		659	00100	2	EACH	SOIL ANALYSIS TEST
		1,521		659	00300	1,521	CY	TOPSOIL
		1.85		659	20000	1.85	TON	COMMERCIAL FERTILIZER
		2.83		659	31000	2.83	ACRE	
		74 13,700		659 671	35000 15040	74 13,700	MGAL SY	WATER EROSION CONTROL MAT, TYPE E
		LS		832	15040	LS	51	STORM WATER POLLUTION PREVENTION PLAN
		LS		832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTION
		LS		832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTIO
		83,000		832	30000	83,000	EACH	EROSION CONTROL
	1 /		26	602	20000	2.6	CV	
	1.4	3,000	3.6	602 605	20000	3.6 3,000	CY FT	CONCRETE MASONRY 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABF
		282		611	00510	282	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS
		2,881		611	01500	2,881	FT	6" CONDUIT, TYPE F, 707.41 (PERFORATED)
			34	611	20700	34	FT	48" CONDUIT, TYPE A, 706.02
	10		- 10	0.1.1		10		
	16		16	611	22200	16	FT	54" CONDUIT, TYPE A, 707.01
	284	7	284	611	96551	284	FT	FIELD PAVING OF EXISTING PIPE, AS PER PLAN (54" C
	4	7	4	611 613	99710 41200	7 4	EACH CY	PRECAST REINFORCED CONCRETE OUTLET
	4		4	013	41200	4		
		1,663		252	01500	1,663	FT	FULL DEPTH PAVEMENT SAWING
		417		301	56000	417	CY	ASPHALT CONCRETE BASE, PG64-22, (449)
		333		304	20000	333	CY	AGGREGATE BASE
		325		407	20000	325	GAL	NON-TRACKING TACK COAT
		1,182		408	10001	1,182	GAL	PRIME COAT, AS PER PLAN
		149		441	70101	149	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (44
		75		441	70801	75	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE
		198		617	10101 40100	198	CY FT	COMPACTED AGGREGATE, AS PER PLAN
		1,607		618		1,607		RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)

	I	
DESCRIPTION	SEE SHEET NO.	
ROADWAY		
$\sim$		
	P.38	
$\sim$	P.06	
WELL	P.13	
MOVED	P.03	
		RY
		ЧА
		Σ
		SU
AYMENT		L S
EGATE FILTER		RA
		GENERAL SUMMARY
		Ċ
ONS		
ON SOFTWARE		
UN SUFTWARE		
DRAINAGE		
BRIC		
CMP)	P.38	
	1.50	
PAVEMENT		
		DESIGN AGENCY
	P.05	
	F.UJ	
449), AS PER PLAN, PG70-22M	P.04	
E 1, (449), (UNDER GUARDRAIL), AS PER PLAN	P.04 P.05	
.)		DESIGNER RCB
		REVIEWER TJP 02-03-22
		PROJECT ID
		109670 SHEET TOTAL
		P.11 74

							SHEE	T NUM.				
							P.05	P.06	P.07	P.13	P.16	P.41
Adde	ed Item											
		$\tilde{\boldsymbol{\zeta}}$								$\sim$	63	
Revis	ed Iten								·····	2011	·····	
		Z	$\cdots$	·····	·····	·····	·····	·····	m	$\sim$	·····	15
Add	led Iten										2.84	
	Le la										1.42	
	C	·····	·····	·····	·····	·····	·····	·····	·····	·····	·····	·····
												LS
									100			
								3	180			
								652				
							20					
									49			
									49 4			
		Revised Item					0.6					
				$\sim$			0.05			$\sim$		· · · · · ·
			<u> </u>				2.6					
				·····			3,713				·····	
							372					
							LS					
							2,365					
							360	2,360				
	01.dgn							10				
	0660(											
	109670											
	theets/											
	dway\S											
	ig\Roa											
	gineerir											
	00-Enç											
	< 9670\4											
	sdudel age∖10											
	USER: sdudek 04\Portage\109											
	4 AM 1											
	7.35.1 <sup>,</sup> jects\D											
	TIME: ive Pro											
	DATE: 1/12/2023 TIME: 7:35:14 AM Documents\01 Active Projects\District											
Ш	E: 1/12 uments											
SLIDE	DAT 2\Docu											
	22 (in.) ot-pw-02											
POR-76-20.05	MODEL: Sheet2 PAPERSIZE: 34x22 (in.) DATE: 1/12/2023 TIME: 7:35:14 AM USER: sdudek pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Portage\109670\400-Engineering\Roadway\Sheets\109670_GG001.dgn											
20	ERSIZ y com											
26-	2 PAP .bentle											
	Sheet dot-pw											
	IODEL. v:\\ohic											
	≥ q											

	P.42	01/IMS/06	02/IMS/04	ITEM	EXT	TOTAL	UNIT	
	$\sim$	63	$\sim$	621	00100	63	EACH	
	uu	$\frac{03}{120}$	$\dots$	021 1626	- 00100 - 00110	$\frac{03}{12011}$		BARRIER REFLECTOR, PYPE 2 (ONE-WAY)
	15	20	30	630	02100	30	FT	GROUND MOUNTED SUPPORT, NO. 2 POST
	non	$\sim$	Y Y Y	<u> </u>	80100	$\sim$	᠂᠂᠀ᠮ	STGN, FLAT SHEET, 730.20
		2.84		642	00104	2.84	MILE	EDGE LINE, 6", TYPE 1, WHITE
	$\checkmark \checkmark \checkmark \land \land \land$	$\checkmark \checkmark \land \land$	$\qquad \qquad $			$ \land \land$		
		1.42		642	00204	1.42	MILE	LANE LINE, 6", TYPE 1
	·····							
			LS	503	11100	LS		RETA COFFERDAMS AND EXCAVATION BRACING (POR-76-20
	LS		LS LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING (POR-76-20
	LO				11100			
								MAINTI
		100		614	11110	100	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR
		180		614	11630	180	FT	INCREASED BARRIER DELINEATION
		3		614	12380	3	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARD
		652		614	12801	652	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PL
		20		614	13000	20	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC
		49		614	13310	49	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)
		49		614	13350	49	EACH	OBJECT MARKER, ONE WAY
		4		614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PL
		0.6		614	20010	0.6	MILE	WORK ZONE LANE LINE, CLASS I, 6"
	$\sim$	0.05	$\sim$	614	20210	0.05	MILE	WORK ZONE LANE LINE, CLASS I, 6", 740.06, TYPE I
		2.6		614	22010	2.6	MILE	WORK ZONE EDGE LINE, CLASS I, 6"
		0.23		<u> </u>	22210	<u>19.23</u>		WORK ZONE EDGE LINE, CLASS 1, 6, 740.06, TYPE I
_		3,713		614	23010	3,713	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12"
		372 LS		614 615	23410 10000	372 LS	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.00 ROADS FOR MAINTAINING TRAFFIC
		L3		015	10000	L3		
		2,365		615	20001	2,365	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS I
_		360		616	10000	360	MGAL	WATER
		2,360		622	41100	2,360	FT	PORTABLE BARRIER, UNANCHORED
		10		808	18700	10	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY
		LS		614	11000	LS		MAINTAINING TRAFFIC
		6		619	16010	6	MNTH	FIELD OFFICE, TYPE B
_		LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING
		LS		624	10000	LS		MOBILIZATION
_								
_								
_								

DESCRIPTION	SEE SHEET NO.	
RAFFIC CONTROL		
CAINING WALLS (XXX)   2009)   2033)		
TENANCE OF TRAFFIC		
OR ASSISTANCE		
RDS, (UNIDIRECTIONAL) PLAN	P.06	
		GENERAL SUMMARY
PLAN	P.07	MM
		SU
		٦L
		ER/
06, TYPE I		EN EN
S PER PLAN	P.05	Ċ
INCIDENTALS		
		DESIGN AGENCY
		DESIGNER RCB
		REVIEWER
		TJP 02-03-22 PROJECT ID 109670
		SHEET TOTAL P.12 74

Sheet PAPERSIZE: 34x22 (in.) DATE: 1/12/2023 TIME: 7:35:34 AM USER: sdudek ot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Portage\1096]	170\400-Engineering\Roadway\Sheets\109670_GS001.dgn	
	R3     R4     R5     R6     R7     R8     R9     R10     R11     R12     R13     R14     R15     R16     R17     GR1     GR2     GR3     F1     F2     F3     F4     F5	REF NO.
	P20-21 P20 P18 P19 P19 P20 P18 P18 P18 P18 P18 P18 P20 P20 P20 P20 P20 P20 P20 P20 P20 P20	ON THEFT NO. P18-19
	1071+00.00 1071+00.00 1057+82.32 1057+81.87 1060+07.04 1060+84.90 1071+27.30 1056+72.12 1056+75.84 1057+89.28 1057+89.29 1071+42.72 1071+80.09 1073+19.16 1054+28.00 1055+65.25 1071+00.00 1055+65.25 1071+00.00 1057+82.32 1057+81.87 1060+07.04 1060+84.90 1071+27.30	1054+28.00
	LT LT RT RT RT LT LT LT LT LT LT LT RT LT RT RT RT RT RT RT RT RT RT R	STATIO
	TO	N TO S
	1076+50.00 1073+50.00 1058+21.65 1058+23.66 1060+34.37 1061+16.61 1071+68.20 1058+12.32 1058+12.47 1071+62.86 1060+28.00 1060+79.65 1076+50.00 1058+21.65 1058+23.66 1060+34.37 1061+16.61 1071+68.20 1051+16.61	STATION 1060+28.00
	LT LT RT RT RT LT RT LT RT LT RT RT RT LT RT RT RT RT RT	LT
		202 COARDRAIL REMOVED FT 600
		202 BEMOVAL MISC.: GEOWEB SLOPE SE SE
	61.19 86.63 27.64 33.24 59.56 	202 GHONE HONE HONE HONE HONE HONE HONE HONE
		202 EACH BACH
		202 HEADWALL REMOVED EVEN
		606 GUARDRAIL, TYPE MGS L
		H H H H H H H H H H H H H H H H H H H
		H H H H H H H H H H H H H H H H H H H
		FENCE, TYPE 47
		626 BARRIER REFLECTOR, TYPE 2 (ONE- MAY) EACH
	Image: style intermediateImage: style intermediate <td></td>	

POR-76-20.05 SLIDE

			<b>&gt;</b>
			í v
			ΔF
			1
			2
			ا بر
			ROADWAY SUBSUMMARY
			U)
			$\succ$
			4/
			$\leq$
			Q
			 A
			0
			Ŕ
 1		1	
 1		1	
			 DESIGN AGENCY
			DESIGNER
			RCB
			TJP 02-03-22
			PROJECT ID
			109670
			SHEET TOTAL
			P.13 74

															Re MC	evised to include			$\sim$
							6//		202	252	441	441	301	304	407	204	204	618	642
			TION			(M)	A=DxW/9	) AREA		AWING	E SURFACE AS PER PLAN FTS) Ax3/36	FERMEDIATE ), (UNDER AN, 3" Ax3/36	PG64-22,	(6/36	L Ax0.06	NOIT	0	DER :)	HITE
			CTI		Ш	WIDTH	(A) <i>i</i>		IOVEI	U S L	E SUF , AS PI .IFTS)	INTERI 449), (U PLAN,	BASE, 6/36	6" A)	COAT FT)	AC	A/200	SHOULDE VCRETE)	= 1, WF
STAT	ION R	ANGE	T SEC	SIDE	(D)	MI	AREA	GENERATED		AVEMEN.	RET (449)	TE , (	ETE B 3" Ax6	BASE	TACK 1 <sub>1/301</sub> LII	COMP		DS, DS	TΥΡΙ
			YPICAL	07	DIS	AGE	EAF		MENT	TH PA	0 7 `	NCF FYPI AS	CONCRETE I (449), 6" Axi	GATE	ACKING (PER <sup>44</sup>	ADE	F RO	STRII	E. 6"
			TYF			AVER	FACE		PAVE	DEP	НАLТ Е, ТҮІ )-22М,	LT CO RSE, <sup>1</sup> RAIL),	(, (,	GRE	(F	SUBGF	PROO	RUMBLE (ASPH	
						A	SURF	CADD		EULL	ASPHALT OURSE, TYF PG70-22M,	SPHALT COURS UARDR/	SPHA	AG	NON	S S		RU	ED(
					FT	FT	SY	SY	SY	FT	с Сү	v ک CY	₹ CY	СҮ	GAL	SY	HOUR	FT	MI
1054+30.00	<b>I-76 WB</b>	1060+08.65	1	LT outside	578.65	10.00	642.94				53.58	00.70			77.15			578.65	
					578.65 578.65	5.00 10.33	321.47 664.38					26.79	73.82		39.86				× >
					578.65 578.65	10.67 11.17	685.81 717.95						76.20	119.66					×
					578.65	11.50	739.39									739.39	0.37		>
	I-76 EB				578.65	10+/-		674.10	674.10	601.00									× ×
1055+75.00	ТО	1060+53.13	1	RT outside	478.13 478.13	10.00 5.00	531.26 265.63				44.27	22.14			63.75			478.13	
					478.13	10.33	548.96					22.14	61.00		32.94				×
					478.13 478.13	10.67 11.17	566.67 593.24						62.96	98.87					× ×
					478.13 478.13	11.50 10+/-	610.94	546.78	546.78	495.00						610.94	0.31		×
	I-76 WB										50.00								×
1071+00.00	ТО	1076+50.00	1	LT outside	550.00 550.00	10.00 5.00	611.11 305.56				50.93	25.46			73.33			550.00	× ×
					550.00 550.00	10.33 10.67	631.48 651.85						70.16 72.43		37.89				-
					550.00	11.17	682.41							113.73					-
·····		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	· · · · ·		550.00	11.50	702.78	630.34	630.34	567.00						702.78	0.35		-
I-76 V		LIMITS									* * * * *						·····		
					4654.00														1.7
1046+00.00	ТО	1092+54.00																	1.7
1046+00.00 <b>I-76 E</b>	EB MOT L	LIMITS																	
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00			2829.00			·····				·····	·····		·····	·····		······	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00						·····					·····						1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.(
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.(
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.(
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00																	1.0
1046+00.00 <b>I-76 E</b> 1040+00.00	EB MOT L TO	L <b>IMITS</b> 1068+29.00									148.78	74.39	416.57	332.27	324.93	2053.11	1.03	1606.78	1.0

(	$\sim$	$\sim$	$\mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A}$	$\sum$			
618	642	642	621	$\left  \right\rangle$			
RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	EDGE LINE, 6", TYPE 1, WHITE	LANE LINE, 6", TYPE 1	RPM	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Add	ed Items	<b>ARY</b>
			=				٨٧
FT (	MILE	MILE	EACH	+			
578.65		-		+	<u> </u>		S
							<u> </u>
{				3	)		SI
478.13							ALCULATIONS AND PAVEMENT MARKINGS SUBSUMMARY
{		<b>×</b>					L L
`		×					
		r Y		3	)		N
5				3	)		٦/E
<u> </u>	- 4			2			A/
550.00							IONS AND F
$\sim$	د .						AT
	1.77	0.88	39	+	)		
				3			
	1.07	0.54	24				AC AC
							PAVEMENT
	· · ·	¥			, )		
	· · · ·	¥			)		
					) ) ) )		DESIGN AGENCY
					) ) )		
	ζ	Ž					DESIGNER RCB
	6	≹					REVIEWER
	F	<b>§</b>		+	)		TJP 02-03-22
	Ę	<u>}</u>			)		PROJECT ID 109670
1606.78	2.84	1.42	62.78		) 		 SHEET TOTAL
1607	2.84	1.42	63	R			P.16 74
	Lun	tur	<u> </u>	ىر			

POR-76-20.05 SLIDE

USER: 04\Po MA. 7:37:27 TIME: /12/2023 DATE: I/ 22

