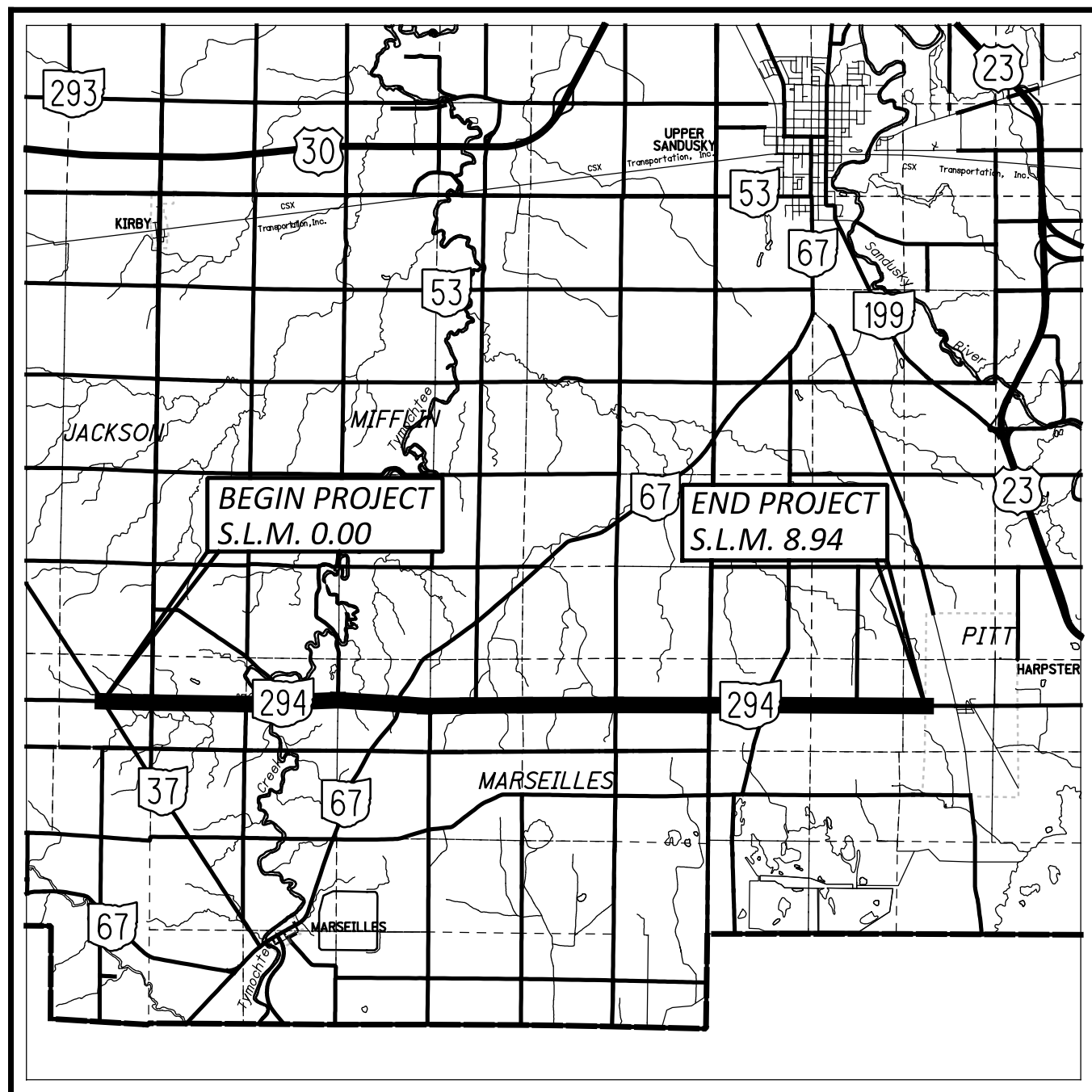


# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

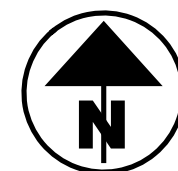
## WYA-294-0.00

Jackson, Mifflin and Pitt Townships  
Wyandot County



LOCATION MAP

LATITUDE: N 40°44'16" LONGITUDE: W 83°20'42"



PORTION TO BE IMPROVED	—————
INTERSTATE HIGHWAY	—————
FEDERAL ROUTES	—————
STATE ROUTES	—————
COUNTY & TOWNSHIP ROADS	—————
OTHER ROADS	—————

### DESIGN DESIGNATION

CURRENT ADT (2021)	729
DESIGN YEAR ADT (2043)	750
DESIGN HOURLY VOLUME (2043)	100
DIRECTIONAL DISTRIBUTION	0.70
TRUCKS (24 HOUR B&C)	0.24
DESIGN SPEED	55 mph
LEGAL SPEED	55 mph
DESIGN FUNCTIONAL CLASSIFICATION:	
MINOR COLLECTOR	
NHS PROJECT	NO

### DESIGN EXCEPTIONS

NONE

### ADA DESIGN WAIVERS

NONE

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

  
**OHIO811.org**  
Before You Dig

**OHIO811, 8-1-1, or 1-800-362-2764**  
(Non members must be called directly)

PLAN PREPARED BY:  
District One  
Ohio Department of Transportation  
Lima, Ohio

### INDEX OF SHEETS:

TITLE SHEET	1
GENERAL NOTES	2 - 5
ASPHALT CONCRETE	6
PAVEMENT MARKING AND INTERSECTION SUBSUMMARY	7
GENERAL SUMMARY	8

### FEDERAL PROJECT NUMBER

NONE

### RAILROAD INVOLVEMENT

NONE

### PROJECT DESCRIPTION

REHABILITATION OF 8.94 MILES OF ROADWAY ON SR 294 IN WYANDOT COUNTY. REHABILITATE BY RESURFACING UTILIZING ECHELON PAVING AND PLACING PAVEMENT MARKINGS.

### EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	N/A *
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	N/A *
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A *

\* - MAINTENANCE PROJECT

### 2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

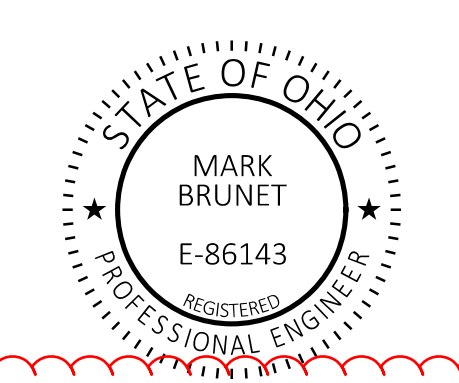
I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED, AS INDICATED ON THE MAINTENANCE OF TRAFFIC SHEETS.

DISTRICT DEPUTY DIRECTOR  
*Christopher A. Hughes*  
Christopher A. Hughes, P.E.  
01  
DIRECTOR, DEPARTMENT OF TRANSPORTATION

*John M. ...*

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/21/22	TC-65.11	7/15/22	800-2019 SEE PROPOSAL	
BP-3.2	1/18/19	TC-71.10	7/15/22	832 7/15/22	
				872 1/21/22	
MT-97.10	4/19/19	DM-4.3	1/15/16	874 4/17/20	
MT-97.12	1/20/17	DM-4.4	1/15/16	875 1/18/19	
MT-99.20	4/19/19				
MT-101.60	1/17/20				
MT-101.90	7/17/20				
MT-105.10	1/17/20				
TC-41.20	10/18/13				
TC-42.20	10/18/13				
TC-52.10	10/18/13				
TC-52.20	1/15/21				
TC-64.10	1/20/23				
TC-65.10	1/17/14				

ENGINEER'S SEAL



MARK BRUNET  
E-86143  
REGISTERED PROFESSIONAL ENGINEER

TITLE SHEET

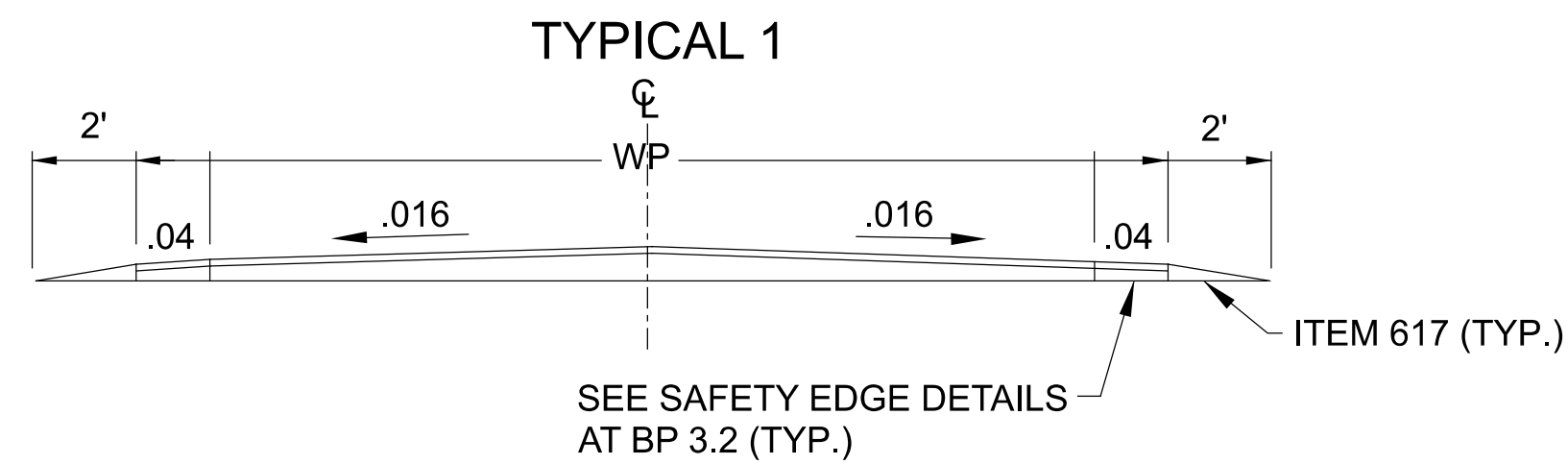
DESIGN AGENCY



DESIGNER	GLI
REVIEWER	MPB 3-2-23
PROJECT ID	113018
SHEET	TOTAL
1	8

WYA-294-0.00

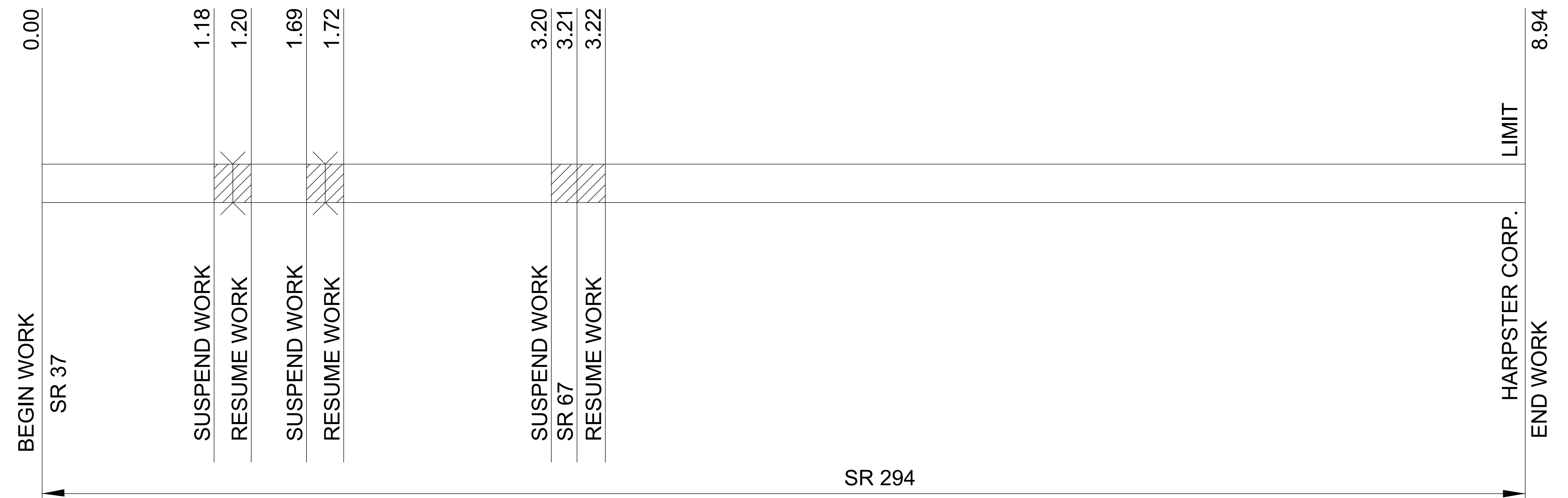
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NOTE: DRAWINGS NOT TO SCALE

NOTE: ALL TOTALS CARRIED TO GENERAL SUMMARY

NOTE: MAILBOX AND DRIVE QUANTITIES ARE INCLUDED IN THE EXTRA AREAS



PAVEMENT DATA

ROUTE	FROM	TO	PLAN SPLITS	DISTANCE		PAVT WIDTH	TYPICAL SECTION	PAVT AREA	202	407	441		304	617	209		
				WEARING COURSE REMOVED	NON-TRACKING TACK COAT				ASPHALT CONCRETE SURFACE COURSE TYPE 1 (446)		ASPHALT CONCRETE SURFACE COURSE TYPE 1 (449)	ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1 (448)	AGGREGATE BASE	COMPACTED AGGREGATE	PREPARING SUBGRADE FOR SHOULDER PAVING		
				VARIABLE THICKNESS					THICKNESS 1 1/4"	QUANTITY FOR SAFETY EDGE	THICKNESS 1 1/4"	THICKNESS 3/4"		2 INCH AVG. TH.			
SLM	SLM	MILES	FEET	FEET	SY	SY	GAL	CY	CY	CY	CY	CY	CY	MILE			
SR 294	0.00	1.18	01/NFP/05	1.18	6230	23.5	1	16268	523	2278	565	64		339	15	154	2.36
SR 294	1.18	1.20	01/NFP/05	0.02	bridge	no work											
SR 294	1.20	1.69	01/NFP/05	0.49	2587	23.5	1	6755	523	946	235	27		141	10	64	0.98
SR 294	1.69	1.72	01/NFP/05	0.03	bridge	no work											
SR 294	1.72	3.20	01/NFP/05	1.48	7814	23.5	1	20404	523	2857	708	80		425	20	193	2.96
SR 294	3.20	3.22	01/NFP/05	0.02	106	no work											
SR 294	3.22	3.51	01/NFP/05	0.29	1531	23.5	1	3998	262	560	139	16		83	10	38	0.58
SR 294	3.51	8.94	01/NFP/05	5.43	28670	25.5	1	81233	284	11373	2821	295		1692	40	708	10.86
Extra Areas								1200		168				42		25	
Intersections								1613	194	137				56		11	
<b>Total SR 294</b>									<b>2309</b>	<b>18319</b>	<b>4950</b>		<b>98</b>	<b>2716</b>	<b>95</b>	<b>1157</b>	<b>17.74</b>

ASPHALT CONCRETE

DESIGN AGENCY



DESIGNER  
GLI  
 REVIEWER  
MPB 12-06-22  
 PROJECT ID  
113018  
 SHEET TOTAL  
6 8

ROUTE	FROM	TO	PLAN SPLITS	DISTANCE		621		642		643
						RPM REMOVED	RPM	CENTER LINE	EDGE LINE	STOP LINE
	SLM	SLM		MILES	FEET	EA	EA	MILE	MILE	FEET
SR 294	0.00	3.20	01/NFP/05	3.20	16896	211	211	3.20	6.40	27
SR 294	3.20	3.22	01/NFP/05	0.02						
SR 294	3.22	8.94	01/NFP/05	5.72	30202	378	378	5.72	11.44	12
<b>Total SR 294</b>						<b>589</b>	<b>589</b>	<b>8.92</b>	<b>17.84</b>	<b>39</b>

Pavement Marking subtotals carried to General Summary (Sheet 8)

Note: Unless otherwise noted, proposed pavement markings shall match the locations of existing pavement markings. Prior to starting the work, the contractor and the project engineer shall confirm the locations of proposed pavement markings.

INTERSECTION	PLAN SPLITS	SLM	SIDE	PAVT AREA	202	407	441	
					WEARING COURSE REMOVED	TACK COAT	ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1 (448)	ASPHALT CONCRETE SURFACE COURSE TYPE 1 (449)
					THICKNESS 1 1/4"		VARIABLE THICKNESS	THICKNESS 1 1/4"
				SQ YD	SQ YD	GAL	CU YD	CU YD
CR 95	01/NFP/05	0.53	R	55.3	14.1	4.7	0.6	1.9
CR 95	01/NFP/05	0.53	L	467.8	16.1	39.8	2.5	16.2
CR 96	01/NFP/05	1.56	R	125.7	13.3	10.7	0.6	4.4
TR 96	01/NFP/05	1.84	L	193.5	18.1	16.4	1.2	6.7
TR 97	01/NFP/05	2.55	L	74.4	13.3	6.3	0.7	2.6
TR 103	01/NFP/05	3.56	R	87.9	12.1	7.5	0.7	3.1
TR 103	01/NFP/05	4.05	L	107.4	18.1	9.1	0.7	3.7
TR 108	01/NFP/05	5.57	R	41.9	10.7	3.6	0.4	1.5
TR 108	01/NFP/05	5.57	L	87.2	18.1	7.4	0.8	3.0
CR 109	01/NFP/05	6.59	L	76.8	13.3	6.5	0.7	2.7
CR 115	01/NFP/05	7.18	R	84.9	16.1	7.2	0.7	2.9
CR 115	01/NFP/05	7.18	L	138.1	14.7	11.7	0.8	4.8
TR 116	01/NFP/05	8.19	L	71.7	16.1	6.1	0.7	2.5
<b>Sub-Totals</b>				<b>1613</b>	<b>194</b>	<b>137</b>	<b>11</b>	<b>56</b>

Totals carried to Sheet 6

DESIGN AGENCY



DESIGNER

GLI

REVIEWER

MPB 12-06-22

PROJECT ID

113018

SHEET

7

TOTAL

8

WYA-294-0.00

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
					2	5	6	7		01/NFP/05								
<b>ROADWAY</b>																		
							2,309				2,309		202	23500	2,309	SY	WEARING COURSE REMOVED	
					17.74						17.74		209	72050	17.74	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING	
											4		623	39500	4	EACH	MONUMENT BOX ADJUSTED TO GRADE	
<b>EROSION CONTROL</b>																		
					1,000						1,000		832	30000	1,000	EACH	EROSION CONTROL	
<b>PAVEMENT</b>																		
					450						450		253	02000	450	CY	PAVEMENT REPAIR	
						95					95		304	20000	95	CY	AGGREGATE BASE	
						18,319					18,319		407	20000	18,319	GAL	NON-TRACKING TACK COAT	
						4,950					4,950		441	10000	4,950	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
						98					98		441	70000	98	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
						2,716					2,716		441	50200	2,716	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
						1,157					1,157		617	10100	1,157	CY	COMPACTED AGGREGATE	
<b>TRAFFIC CONTROL</b>																		
							589				589		621	54000	589	EACH	RAISED PAVEMENT MARKER REMOVED	
							589				589		621	00100	589	EACH	RPM	
							17.84				17.84		642	00104	17.84	MILE	EDGE LINE, 6", TYPE 1	
							8.92				8.92		642	00300	8.92	MILE	CENTER LINE, TYPE 1	
							39				39		643	00500	39	FT	STOP LINE	
<b>MAINTENANCE OF TRAFFIC</b>																		
						74					74		614	12460	74	EACH	WORK ZONE MARKING SIGN	
						17.84					17.84		614	21000	17.84	MILE	WORK ZONE CENTER LINE, CLASS I	
						35.68					35.68		614	21400	35.68	MILE	WORK ZONE CENTER LINE, CLASS II	
<b>INCIDENTALS</b>																		
											LS		614	11000	LS		MAINTAINING TRAFFIC	
											LS		624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY			
DESIGNER	GLI		
REVIEWER	MPB 12-06-22		
PROJECT ID	113018		
SHEET	8	TOTAL	8