

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

**FAI-256-5.99**

VIOLET AND LIBERTY TOWNSHIPS  
FAIRFIELD COUNTY

PROJECT DESCRIPTION

ASPHALT CONCRETE RESURFACING AND RELATED WORK  
ON S.R. 256 IN FAIRFIELD COUNTY.

PROJECT EARTH DISTURBED AREA = N/A (MAINTENANCE)  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA = N/A  
NOTICE OF INTENT EARTH DISTURBED AREA = N/A

FEDERAL PROJECT NO.  
**NON-FEDERAL**

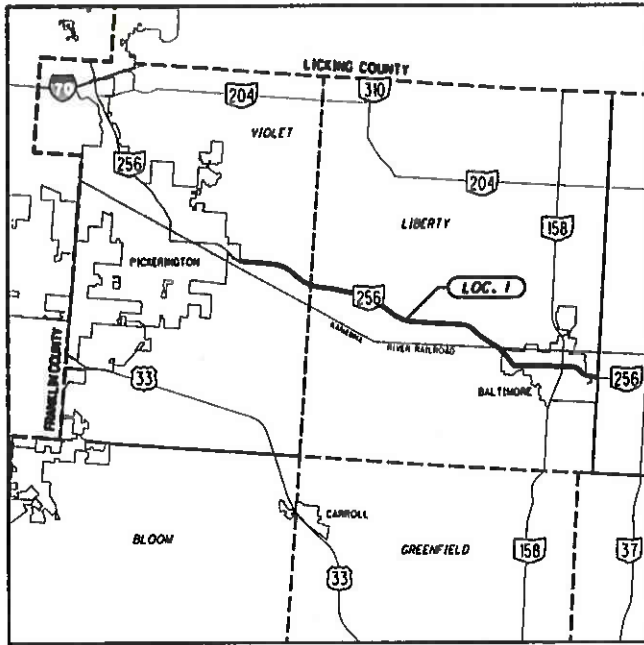
PID NO.  
**102627**

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT  
**KANAWHA RR**

**FAI-256-5.99**

1  
24



LOCATION MAP

LATITUDE: 39° 51' 34" LONGITUDE: 82° 39' 47"

PORTION TO BE IMPROVED

DESIGN DESIGNATION	S.R. 256
FUNCTIONAL CLASSIFICATION	RMA
OPENING YEAR ADT (2020)	5,200
DESIGN YEAR ADT (2032)	5,200
DESIGN HOURLY VOLUME (2032)	500
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH

RMA = RURAL MINOR ARTERIAL

DESIGN EXCEPTIONS

NONE

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

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

PLAN PREPARED BY:  
OHIO DEPARTMENT OF TRANSPORTATION  
DISTRICT 5 PLANNING & ENGINEERING

INDEX OF SHEETS

TITLE SHEET..... 1  
GENERAL NOTES..... 2-3  
MAINTENANCE OF TRAFFIC NOTES..... 4-5  
PAVEMENT DATA..... 6  
SHOULDER DATA..... 7  
EXTRA AREA DATA..... 8-9  
BRIDGE TREATMENT DATA..... 10-12  
PAVEMENT MARKING DATA..... 13-15  
PLAN SHEETS (BALTIMORE)..... 16-21  
**PLAN SHEET (PLEASANTVILLE)..... 21A**  
RAISED PAVEMENT MARKER DATA..... 22  
GENERAL SUMMARY..... 23-24

LOCATION	PLAN SPLIT	COUNTY	ROUTE	BEGIN SLM	END SLM	LENGTH MILES	CITY/VILLAGE
1	1	FAI	256	5.99	14.12	8.13	BALTIMORE

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

ENGINEER'S SEAL	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS	
<p>SIGNED: <i>Jason Scott Lutz</i> DATE: 1/13/2020</p>	BP-3.1 10/18/19	800 1/17/20	
	BP-3.2 1/18/19	832 10/19/18	
	BP-4.1 7/19/13	846 4/17/15	
	MT-97.10 4/19/19	872 7/19/19	
	MT-97.11 1/20/17	874 10/18/19	
	MT-99.20 4/19/19	875 1/18/19	
	MT-101.90 7/21/17		
	MT-105.10 7/19/13		
	TC-64.10 1/17/20		
	TC-65.10 1/17/14		
	TC-65.11 7/21/17		
	TC-71.10 1/19/18		
			SPECIAL PROVISIONS

APPROVED: *John Z...*  
DATE 1/9/2020 DISTRICT DEPUTY DIRECTOR

APPROVED: *Paul M...*  
DATE 2/11/20 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FAI - SR 256-05.99  
200221 PID - 102627  
Dist 5 4/9/2020

Contract Proposal Available @  
www.contracts.dot.state.oh.us/home

I:\Project\Dist5\FAI\102627\Design\Roadway\Sheets\102627\_Sheet\_04951.dwg 3/11/2020 3:04:51 PM jzfrjl

**ITEM 614, MAINTAINING TRAFFIC**

A MINIMUM OF 1-LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND STANDARD DRAWING MT-97.11.

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES INCLUDING REPAIRS.


AT NO TIME SHALL TRAFFIC BE MAINTAINED ON THE PLANED SURFACE, AT LEAST ONE COURSE OF ASPHALT CONCRETE SHALL BE IN PLACE BEFORE OPENING TO TRAFFIC. THIS RULE DOES NOT APPLY TO PLANING AT BRIDGES OR ACROSS BRIDGES UNLESS THE BRIDGE IS BEING TREATED THE SAME AS THE ADJACENT ROADWAY.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. THE MAXIMUM LANE CLOSURE LENGTH SHALL BE PER MT-97.11. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

TEMPORARY TRAFFIC SIGNALS MAY USED FOR INSTALLATION OF POLYMER MODIFIED ASPHALT EXPANSION JOINT AND BRIDGE DECK SEALING AND SHALL BE REMOVED ONCE MATERIAL HAS CURED, AS DIRECTED BY THE ENGINEER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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.

**WINDOW CONTRACT TABLE**

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS	DISINCENTIVE (\$ PER TIME UNIT)
ALL WORK ON PROJECT		PER CMS 108.07

**DROP-OFFS IN WORK ZONES**

DROP-OFFS THAT DEVELOP DURING CONSTRUCTION OPERATIONS AND THAT ARE NOT OTHERWISE PROVIDED FOR IN THE PLANS SHALL BE TREATED AS SHOWN ON STANDARD DRAWING MT-101.90. WHERE THE PLANS DO NOT PROVIDE SPECIFIC ITEMS FOR LABOR, EQUIPMENT, OR MATERIALS TO IMPLEMENT THE DROP-OFF TREATMENTS SPECIFIED, THEY SHALL BE INCLUDED FOR PAYMENT IN THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC.

**NOTIFICATION OF ROAD CLOSURE OR RESTRICTIONS**

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF TWENTY ONE (21) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND/OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4510 OR EMAIL AT [D05.PIO@DOT.OHIO.GOV](mailto:D05.PIO@DOT.OHIO.GOV)

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT [BRIAN.BOSCH@DOT.OHIO.GOV](mailto:BRIAN.BOSCH@DOT.OHIO.GOV)

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT [HAULING.PERMITS@DOT.OHIO.GOV](mailto:HAULING.PERMITS@DOT.OHIO.GOV)

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

**BUTT JOINT**

A BUTT JOINT WILL BE REQUIRED AT THE LOCATIONS SPECIFIED BELOW AND PER STANDARD DRAWING BP-3.1 UNLESS OTHERWISE SHOWN IN THE PLANS.

THE MINIMUM ASPHALT WEDGE LENGTH AT BUTT JOINTS SHALL BE 10'. THE GRINDING FOR BUTT JOINTS SHALL BE INCLUDED WITH ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE.

LOC.	ROUTE	DESCRIPTION	S.L.M.	ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC CU. YD.
1	S.R. 256	BEGIN WORK	5.99	1.4
		BRIDGE: FAI-256-0719	7.19	2.8
		BRIDGE: FAI-256-0955	9.55	2.8
		RAILROAD CROSSING	12.09	2.8
		BRIDGE: FAI-256-1333	13.33	2.4
		END WORK	14.12	1.0
		TOTAL		13.2

**ITEM 614, WORK ZONE MARKING SIGN**

THE CONTRACTOR SHALL PLACE ALL WORK ZONE MARKING SIGNS IN ACCORDANCE WITH CMS SECTION 614.04, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

R4-1 (DO NOT PASS):  
LOCATION 1: 11 EACH

R4-2 (PASS WITH CARE):  
LOCATION 1: 12 EACH

W8-H12A (NO EDGE LINES):  
LOCATION 1: 14 EACH

ALL "NO EDGE LINES" SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

ANY REVISIONS TO THE CENTER LINE PASSING/NO PASSING LOGS SHALL BE REFLECTED IN THE WORK ZONE SIGNING.

IN ADDITION, THE CONTRACTOR SHALL ERECT A "GROOVED PAVEMENT" SIGN 250 FEET IN ADVANCE OF ANY SECTION OF ROADWAY WHERE TRAFFIC MUST TRAVEL ON A PLANED SURFACE. "GROOVED PAVEMENT" SIGNS SHALL BE INCLUDED FOR PAYMENT WITH THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC AS PER CMS SECTION 614.055.

ITEM 614, WORK ZONE MARKING SIGN  
LOCATION 1: 37 EACH

**ITEM 614, WORK ZONE PAVEMENT MARKINGS**

THE CONTRACTOR SHALL PLACE ALL WORK ZONE PAVEMENT MARKINGS IN ACCORDANCE WITH CMS 614.11 AND STANDARD DRAWING MT-99.20 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE QUANTITIES BELOW ARE FOR PLACEMENT OF TEMPORARY MARKINGS ON BOTH THE SURFACE AND INTERMEDIATE COURSES.

**ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642 PAINT (INTERMEDIATE AND SURFACE COURSE)  
LOCATION 1: 16.26 MILE**

ITEM 614, WORK ZONE STOP LINE, CLASS III, 642 PAINT (INTERMEDIATE AND SURFACE COURSE) (S.R. 256 ONLY)  
LOCATION 1: 186 FEET

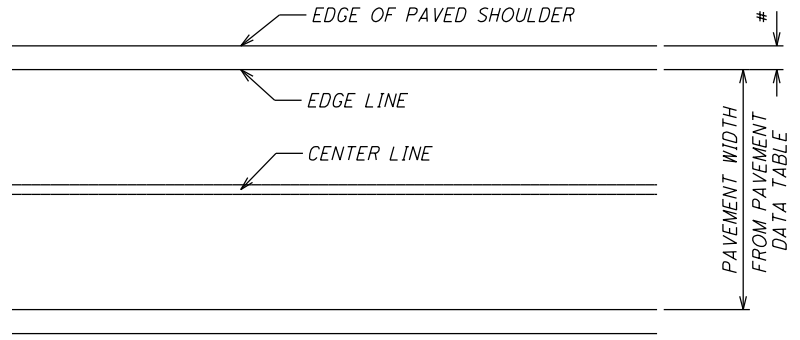
CALCULATED  
LIME  
CHECKED  
JSL

MAINTENANCE OF TRAFFIC NOTES

FAI-256-5.99

I:\ProjectData\FAI\02627\Design\Roadway\Sheets\02627\_MN001.dgn\_Sheet 4/2/2020 4:59:32 PM jluetzl

EDGE LINE DATA										
L O C A T I O N	C O U N T Y	R O U T E	S.L.M.		T O T A L L E N G T H (MILES)	I N F O R M A T I O N O N L Y			E D G E L I N E, 6" M I L E	R E M A R K S
						W H I T E E D G E L I N E Q U A N T I T I E S				
			FROM	TO		T O T A L M I L E S	H I G H W A Y M I L E S	R A M P M I L E S		
1	FAI	S.R. 256	5.99	12.09	6.10	24.40	24.40		24.40	INCLUDES BIKE LANES
			12.09	12.18	0.09	0.18	0.18		0.18	
			12.18	12.26	0.08	0.08	0.08		0.08	RIGHT SIDE ONLY
			14.04	14.12	0.08	0.16	0.16		0.16	
LOCATION 1 TOTALS (CARRIED TO GENERAL SUMMARY)								24.82		



*WORK SEQUENCE*

- RUMBLE STRIPE, CENTER LINE MARKING, AND RPM WORK SHALL BE PERFORMED AS FOLLOWS, OR AS DIRECTED BY THE ENGINEER:
1. PLACE RPM'S PER CMS 621 AND SCD TC-65.10
  2. GRIND CENTER LINE RUMBLE STRIPES PER CMS 618 AND SCD TC-64.10
  3. APPLY CENTER LINE MARKING PER CMS 644

\* EDGE LINES SHALL BE PLACED A MINIMUM OF 6" FROM EDGE OF PAVED SHOULDER

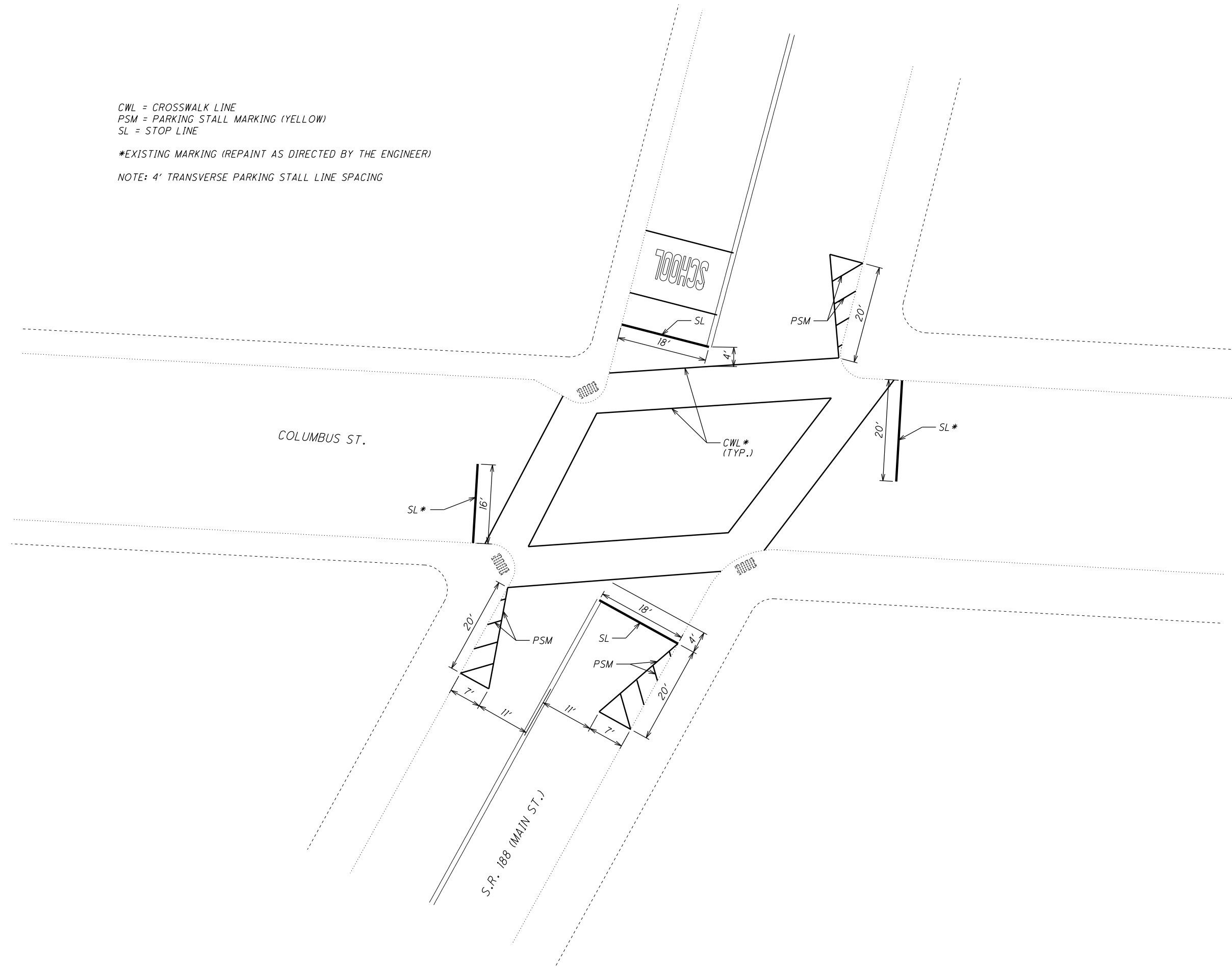
CENTER LINE DATA										
L O C A T I O N	C O U N T Y	R O U T E	S.L.M.		T O T A L L E N G T H (MILES)	I N F O R M A T I O N O N L Y		618	644	R E M A R K S
						C E N T E R L I N E Q U A N T I T I E S		R U M B L E S T R I P E S, C E N T E R L I N E (A S P H A L T C O N C R E T E)	C E N T E R L I N E	
			FROM	TO		T O T A L M I L E S	E Q U I V A L E N T S O L I D L I N E	M I L E	M I L E	
1	FAI	S.R. 256	5.99	12.09	6.10	6.10	2.79	6.10	6.10	
			12.09	14.12	2.03	2.03	4.01		2.03	SEE SHEETS 16-21 FOR CENTER LINE LOCATION
SUB-TOTALS						6.80				
LOCATION 1 TOTALS (CARRIED TO GENERAL SUMMARY)							6.10	8.13		

I:\ProjectData\FAI\02627\Design\Roadway\Sheets\02627\_10003.dgn Sheet 4/2/2020 5:49:36 PM jutzl

AUXILIARY MARKING DATA														
L O C A T I O N	C O U N T Y	R O U T E	D E S C R I P T I O N	S I D E	644								R E M A R K S  (PLACE AS DIRECTED BY THE ENGINEER AND/OR DETAILS BELOW)  (STOP BARS SHALL BE PLACED MINIMUM 4' FROM EDGE OF PAVED SHOULDER)	
					STOP LINE (24')	12" CROSSWALK LINE	RAILROAD SYMBOL MARKING	PARKING LOT STALL MARKING (WHITE)	PARKING LOT STALL MARKING (YELLOW)	HANDICAP SYMBOL MARKING	BIKE LANE SYMBOL MARKING	YIELD LINE		REMOVAL OF PAVEMENT MARKING
					FT.	FT.	EACH	FT.	FT.	EACH	EACH	FT.		FT.
			<b>SUB-TOTALS FROM PREVIOUS SHEET</b>		<b>976</b>	<b>928</b>	<b>2</b>				<b>11</b>			
1	FAI	S.R. 256	OAK ST.	LT	13	70							SEE SHEET 17	
			WEST ST.	RT	10	56							SEE SHEET 18	
			EAST ST.	RT	8	50							SEE SHEET 18	
			ON S.R. 256 BEFORE UNION ST.	CL	12	72							SEE SHEET 19	
			UNION ST.	LT	15	72							SEE SHEET 19	
			ON S.R. 256 AFTER UNION ST.	CL	15	72							SEE SHEET 19	
			ON S.R. 256 BEFORE TOWER ST.	RT							14		SEE SHEET 19	
			TOWER ST.	LT		72							SEE SHEET 19	
			ON S.R. 256 AFTER TOWER ST.	L/R		60					14		SEE SHEET 19	
			W. WATER ST.	LT	24	150							SEE SHEET 19	
			N. MILL ST.	LT	12	50							SEE SHEET 20	
			S. MILL ST.	RT	12	60							SEE SHEET 20	
			ON S.R. 256 BEFORE WALNUT ST.	L/R		76		96				12	SEE SHEET 20	
			WALNUT ST.	LT	25	55							SEE SHEET 20	
			WALNUT ST.	RT	12	55							SEE SHEET 20	
			ON S.R. 256 AFTER WALNUT ST.	L/R				125				12	SEE SHEET 20	
			ON S.R. 256 BEFORE MAIN ST.	L/R	18	78		38		1			SEE SHEET 21	
			MAIN ST. (S.R. 158)	LT	22	90							SEE SHEET 21	
			MAIN ST. (S.R. 158)	RT	22	90							SEE SHEET 21	
			ON S.R. 256 AFTER MAIN ST.	L/R	18	78		96					SEE SHEET 21	
			ON S.R. 256 BEFORE PARK ST.	L/R		84		96				12	SEE SHEET 21	
			N. PARK DR.	LT		66							SEE SHEET 21	
			S. PARK DR.	RT	12	66							SEE SHEET 21	
			ON S.R. 256 AFTER PARK ST.	LT		84						14	SEE SHEET 21	
			N. GRANVILLE ST.	LT	16	88							SEE SHEET 21	
			S. GRANVILLE ST.	RT	12	80							SEE SHEET 21	
			GORDON AVE.	RT	15									
			WAGNER AVE.	LT	40									
			HANSBERGER AVE.	LT	40									
			HOLDER RD.	RT	30									
			<b>PLEASANTVILLE</b>											
	FAI	S.R. 188	MAIN ST./ COLUMBUS ST. INTERSECTION		72	325			135			360	SEE SHEET 21A	
			<b>LOCATION 1 TOTALS (CARRIED TO GENERAL SUMMARY)</b>		<b>1,451</b>	<b>3,027</b>	<b>2</b>	<b>586</b>	<b>1</b>	<b>11</b>	<b>78</b>	<b>360</b>		

I:\ProjectData\FAI\02627\Design\Roadway\Sheets\02627\_TF007.dgn Sheet 4/2/2020 4:36:48 PM jlutzi

CWL = CROSSWALK LINE  
PSM = PARKING STALL MARKING (YELLOW)  
SL = STOP LINE  
  
\*EXISTING MARKING (REPAINT AS DIRECTED BY THE ENGINEER)  
NOTE: 4' TRANSVERSE PARKING STALL LINE SPACING



CALCULATED	
JSL	CHECKED
JSL	JSL

0 10 20  
HORIZONTAL SCALE IN FEET

PLAN SHEET  
S.R. 188 / COLUMBUS ST. (PLEASANTVILLE)

FAI-256-5.99

I:\ProjectData\FAI\0262\Design\Roadway\Sheets\0262\GG002.dgn\_Sheet 4/2/2020 5:48:07 PM jjutzi

SHEET TOTALS										PLAN SPLIT	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET		
		4	5				10	13	15	22							01/NFP/PV	
										406	406	621	00100	406	EACH	TRAFFIC CONTROL		
										406	406	621	54000	406	EACH	RAISED PAVEMENT MARKER REMOVED		
								24.82			24.82	644	00104	24.82	MILE	EDGE LINE, 6"		
								8.13			8.13	644	00300	8.13	MILE	CENTER LINE		
									1,451		1,451	644	00500	1,451	FT	STOP LINE		
									3,027		3,027	644	00600	3,027	FT	CROSSWALK LINE		
									2		2	644	01000	2	EACH	RAILROAD SYMBOL MARKING		
									586		586	644	01200	586	FT	PARKING LOT STALL MARKING		
									1		1	644	01600	1	EACH	HANDICAP SYMBOL MARKING		
									11		11	644	01630	11	EACH	BIKE LANE SYMBOL MARKING		
									78		78	644	20800	78	FT	YIELD LINE		
									360		360	644	30000	360	FT	REMOVAL OF PAVEMENT MARKING		
																	<b>STRUCTURE REPAIR (FAI-256-0719)</b>	
							264				264	512	10300	264	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN		
							42				42	846	00111	42	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM, AS PER PLAN	12	
																	<b>STRUCTURE REPAIR (FAI-256-0995)</b>	
							626				626	512	10300	626	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN		
																	<b>STRUCTURE REPAIR (FAI-256-1333)</b>	
							583				583	512	10300	583	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN		
																	<b>MAINTENANCE OF TRAFFIC</b>	
										50	50	614	11110	50	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
						37					37	614	12460	37	EACH	WORK ZONE MARKING SIGN		
						13					13	614	13000	13	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC		
										4	4	614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5	
						16.26					16.26	614	21550	16.26	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
						186					186	614	26610	186	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
																	<b>INCIDENTALS</b>	
											LS	614	11000		LS	MAINTAINING TRAFFIC		
											LS	623	10000		LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING		
											LS	624	10000		LS	MOBILIZATION		

CALCULATED  
LIME  
CHECKED  
JSL

GENERAL SUMMARY

FAI-256-5.99