

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

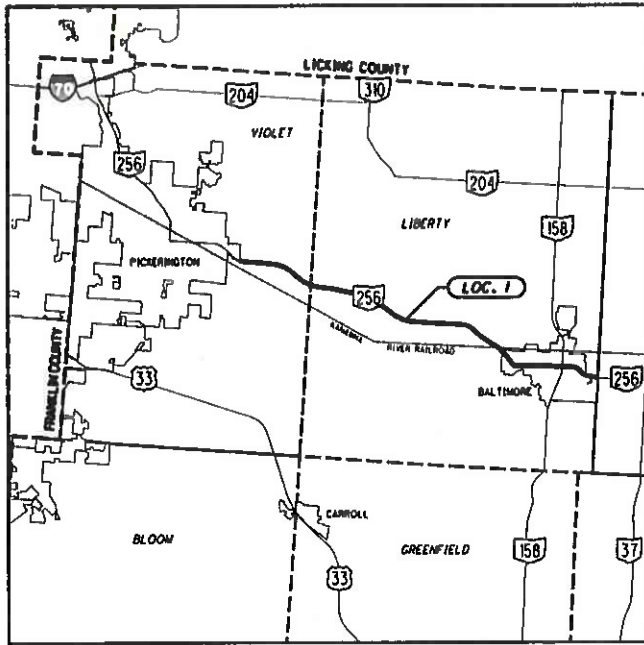
PID NO.
102627

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_01_01_01_Sheet_03.dwg 3/11/2020 3:04:51 PM jz...

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	90	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

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT 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

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

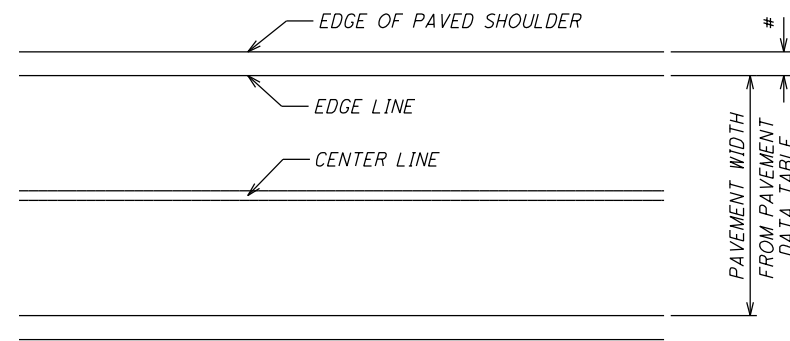
MAINTENANCE OF TRAFFIC NOTES

FAI-256-5.99

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

I:\ProjectData\FAI\02627\Design\Roadway\Sheets\02627_10001.dgn_Sheet 4/2/2020 5:04:34 PM jlutzi

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			644	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			E D G E L I N E, 6"	
			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	



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

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

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 (ASPHALT CONCRETE)	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			
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	

CALCULATED
LIME
CHECKED
JSL

PAVEMENT MARKING DATA (LONG LINE)

FAI-256-5.99

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

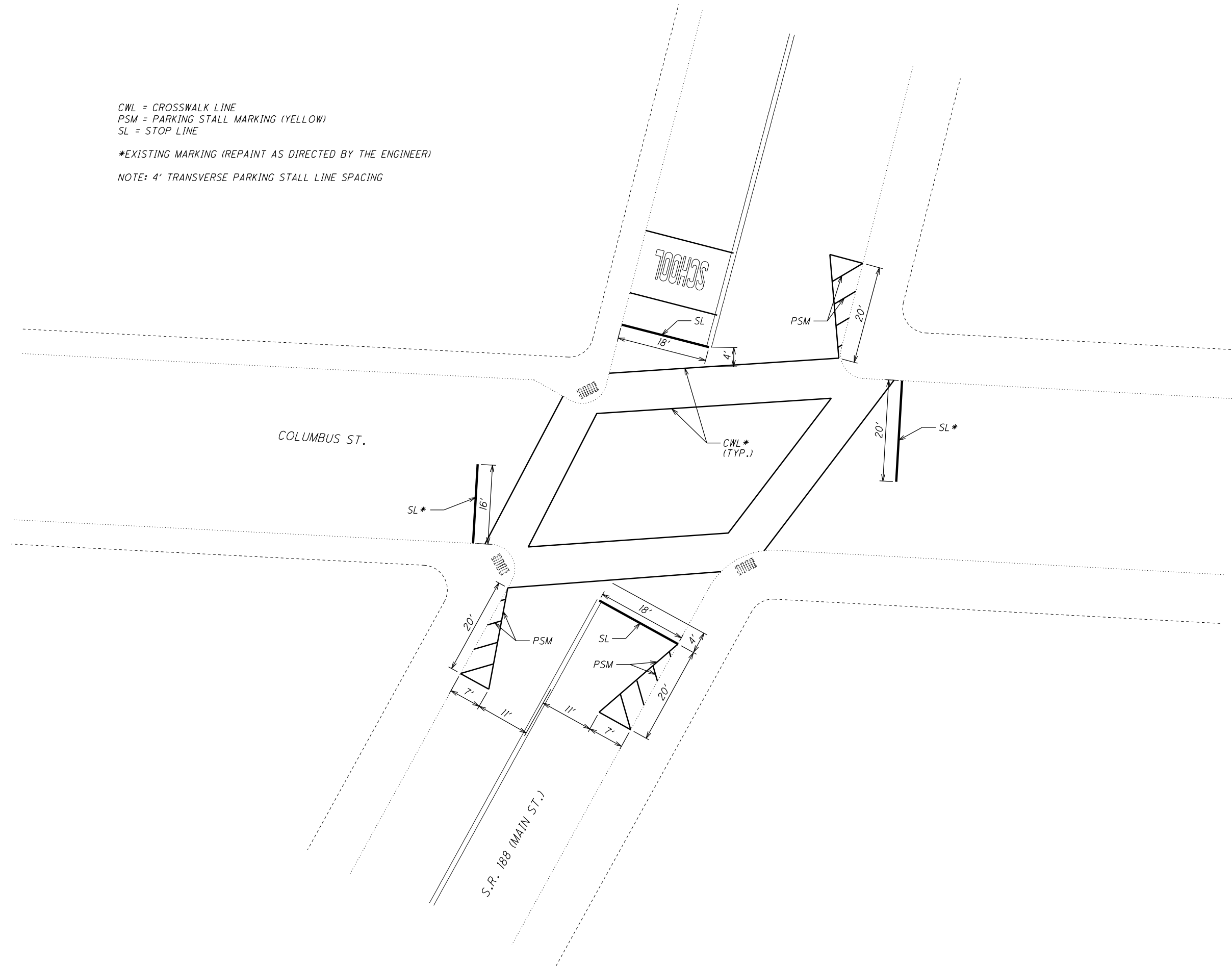
AUXILIARY MARKING DATA														
L O C A T I O N	C O U N T Y	R O U T E	D E S C R I P T I O N	S I D E	644								R E M A R K S (PLACE AS DIRECTED BY THE ENGINEER AND/OR DETAILS BELOW) (STOP BARS SHALL BE PLACED MINIMUM 4' FROM EDGE OF PAVED SHOULDER)	
					STOP LINE (24')	12" CROSSWALK LINE	RAILROAD 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.
			SUB-TOTALS FROM PREVIOUS SHEET		976	928	2				11			
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									
			PLEASANTVILLE											
	FAI	S.R. 188	MAIN ST./ COLUMBUS ST. INTERSECTION		72	325				135		360	SEE SHEET 21A	
LOCATION 1 TOTALS (CARRIED TO GENERAL SUMMARY)					1,451	3,027	2	586	1	11	78	360		

CALCULATED
LIME
CHECKED
JSL

PAVEMENT MARKING DATA (AUXILIARY)

FAI-256-5.99

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



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

0 5 10 20
 HORIZONTAL SCALE IN FEET

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

FAI-256-5.99

