

LOCATION MAP

LATITUDE: 40° 09' 51" LONGITUDE: 82° 25' 22"

PORTION TO BE IMPROVED

DESIGN DESIGNATION	LOC. 1	LOC. 2
FUNCTIONAL CLASSIFICATION	UPA	RPA
OPENING YEAR ADT (2026)	17,500	7,500
DESIGN YEAR ADT (2038)	21,000	8,000
DESIGN HOURLY VOLUME (2038)	2,500	1,000
DIRECTIONAL DISTRIBUTION	51%	57%
TRUCKS (24 HOUR B&C)	6%	10%
DESIGN SPEED	35/45 MPH	55 MPH
LEGAL SPEED	35/45 MPH	55 MPH
NHS PROJECT	YES	YES

UPA = URBAN PRINCIPAL ARTERIAL
RPA = RURAL PRICIPAL ARTERIAL

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVER

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:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 5 ENGINEERING

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

LIC-13-11.11

CITY OF NEWARK

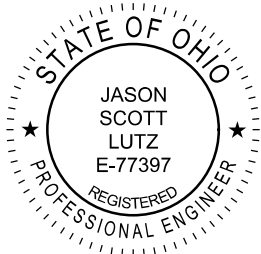
VILLAGES OF SAINT LOUISVILLE AND UTICA

NEWARK, NEWTON, AND WASHINGTON TOWNSHIPS

LICKING COUNTY

INDEX OF SHEETS

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ENGINEER'S SEAL	STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	
	BP-3.1	1/19/24	TC-41.20	10/18/13			800	1/17/25
	BP-4.1	7/19/13	TC-42.20	10/18/13			832	7/19/24
	BP-5.1	1/17/25	TC-52.10	10/18/13			874	4/17/20
	BP-7.1	1/17/25	TC-52.20	1/15/21			875	1/17/25
			TC-64.10	7/21/23			961	4/17/20
	MT-95.60	4/19/19	TC-65.10	1/17/14				
	MT-97.10	4/19/19	TC-65.11	1/19/24				
	MT-97.12	1/20/17	TC-71.10	4/21/23				
	MT-99.20	4/19/19	TC-74.10	7/21/23				
	MT-101.90	7/17/20						
	MT-105.10	1/17/20						
							SPECIAL PROVISIONS	

FEDERAL PROJECT NUMBER
E240(870)

RAILROAD INVOLVEMENT
COLUMBUS AND OHIO RIVER RAILROAD

PROJECT DESCRIPTION

ASPHALT CONCRETE RESURFACING AND RELATED WORK
ON S.R. 13 INSIDE THE CITY OF NEWARK AND VILLAGE OF
UTICA IN LICKING COUNTY.

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

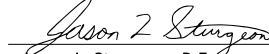
LOCATION	PLAN SPLIT	COUNTY	ROUTE	BEGIN SLM	END SLM	LENGTH MILES	CITY/VILLAGE
1	1	LIC	13	11.11	13.78	2.67	NEWARK
2	2	LIC	13	13.78	23.39	9.61	SAINT LOUISVILLE UTICA

2023 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.

DISTRICT DEPUTY DIRECTOR


Jason L. Sturgeon, P.E.
05

DIRECTOR, DEPARTMENT OF TRANSPORTATION


Pamela Boratyn

TITLE SHEET

DESIGN AGENCY



DESIGNER

RMA

REVIEWER

JSL 04/30/25

PROJECT ID

95922

SHEET

1

TOTAL

36

RESIDENTIAL AND COMMERCIAL DRIVES

AN ESTIMATED QUANTITY OF ITEM 441, ASPHALT CONCRETE, HAS BEEN INCLUDED IN THE PLAN TO BE USED AS DIRECTED BY THE ENGINEER TO PAVE APPROACH AREAS TO EXISTING DRIVEWAYS. **PAVING SHALL EXTEND AN AVERAGE OF 4' INTO THE DRIVEWAY (MEASURED FROM THE EDGE OF PAVEMENT OR PAVED SHOULDER IF PRESENT).** THE ENGINEER MAY EXTEND PAVING DISTANCE FOR ASPHALT DRIVEWAYS IN ORDER TO PROVIDE A SMOOTH TRANSITION AND/OR ELIMINATE SHORT DISTANCES OF UNDESIRABLE PROFILE. ABRUPT CHANGES IN DRIVEWAY PROFILE ARE NOT PERMITTED.

GRAVEL DRIVES SHALL ALSO BE PAVED AS DESCRIBED ABOVE. FIELD DRIVES AND OIL-WELL DRIVES SHALL NOT BE PAVED.

IF AN EXISTING APRON CANNOT BE PAVED OVER (FOR EXAMPLE, BROKEN INTO SMALL PIECES) AS DETERMINED BY THE ENGINEER, IT SHALL BE REMOVED BEFORE BEING PAVED BACK 4' INTO THE DRIVEWAY. ALL GRADING, PRIME OR TACK COAT, MATERIALS, LABOR, EQUIPMENT TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE DRIVES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW.

BUTT JOINTS AT THE END OF ALL DRIVEWAYS SHALL BE **1.50"** IN DEPTH TO ACCOMMODATE THE SURFACE COURSE. NO WORK SHALL BE PERFORMED ON DRIVEWAYS LOCATED IN CURB SECTIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE LOCATION SUB-SUMMARIES FOR THE ABOVE-DESCRIBED PURPOSE:

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
LOCATION 1: 550 SQ.YD. LOCATION 2: 1,600 SQ.YD.

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M, 1.50"
LOCATION 1: 23 CU.YD. LOCATION 2: 67 CU.YD.

MAILBOX TURN OUTS

AN ESTIMATED QUANTITY OF ITEM 441, ASPHALT CONCRETE, HAS BEEN INCLUDED IN THE PLAN TO BE USED **AS DIRECTED BY THE ENGINEER** TO PAVE MAILBOX TURN OUTS. TURN OUTS SHALL BE PAVED AS SHOWN IN STANDARD DRAWING **BP-4.1**. THE ENGINEER MAY MODIFY TO MEET EXISTING CONDITIONS IF NECESSARY. ALL GRADING, MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE MAILBOX, TURN OUTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW.

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
LOCATION 2: 1,050 SQ.YD.

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"
LOCATION 1: 180 SQ.YD.

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M, 1.50"
LOCATION 1: 8 CU.YD. LOCATION 2: 44 CU.YD.

ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), 1.75"
LOCATION 1: 9 CU.YD.

ITEM 620, DELINEATOR MISC.: RAISED CURB CHANNELIZING SYSTEM REMOVAL

THIS ITEM SHALL CONSIST OF THE REMOVAL OF AN EXISTING **QWIK KURB** RAISED CHANNELIZING SYSTEM. **ALL MATERIALS REMOVED SHALL BE SALVAGED FOR PICKUP BY THE CITY OF NEWARK.** REMOVAL SHALL NOT OCCUR SOONER THAN **10 DAYS** PRIOR TO RESURFACING. AFTER REMOVAL, **DRUMS SHALL BE USED UNTIL THE NEW RAISED CURB SYSTEM IS IN PLACE.** PAYMENT SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO PERFORM THE WORK DESCRIBED ABOVE. **SEE SHEET 22 FOR LOCATION.**

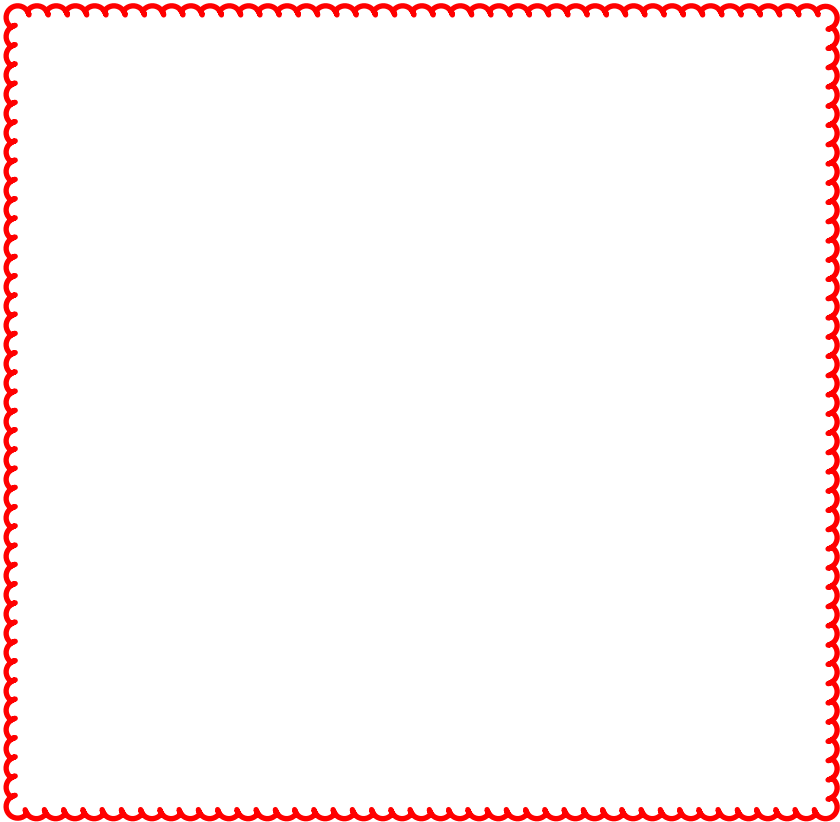
ITEM 620, DELINEATOR MISC.: RAISED CURB CHANNELIZING SYSTEM REMOVAL
LOCATION 1: 175 FT

ITEM 620, DELINEATOR MISC.: RAISED CURB CHANNELIZING SYSTEM

THIS ITEM SHALL CONSIST OF THE INSTALLATION OF A NEW **QWIK KURB (OR APPROVED EQUAL)** CHANNELIZING SYSTEM TO BE INSTALLED AFTER PLACEMENT OF THE ASPHALT SURFACE COURSE PER THE MANUFACTURER RECOMMENDATIONS. **SEE SHEETS 22 AND 24 FOR LOCATIONS.**

THE RAISIED CURB CHANNELIZING SYSTEM SHALL BE CONTINUOUS, INTERLOCKING, MOUNTABLE, AND SECURLY FASTENED TO THE ROADWAY, MEETING MASH OR NCHRP 350 TL-3 REQUIREMENTS. IT SHALL MATCH THE CENTER LINE (YELLOW) COLOR AND ADHERE TO **CMS 730.19** REFLECTIVITY REQUIREMENTS ON ALL SIDES OF THE DEVICE. THE DELINEATOR PANELS SHALL BE REBOUNDABLE AND A MINIMUM OF 42 INCHES IN HEIGHT (FROM ROADWAY) WITH SPACING MATCHING THE HEIGHT OF THE DELINEATOR. **THE SYSTEM SHALL BE SENT TO THE CITY OF NEWARK FOR APPROVAL PRIOR TO ORDERING.** PAYMENT SHALL INCLUDE ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO PERFORM THE WORK DESCRIBED ABOVE.

ITEM 620, DELINEATOR MISC.: RAISED CURB CHANNELIZING SYSTEM
LOCATION 1: 275 FT



ITEM 611, CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN
ITEM 611, CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN
ITEM 611, MANHOLE ADJUSTED TO GRADE
ITEM 638, VALVE BOX ADJUSTED TO GRADE

THESE ITEMS SHALL BE USED TO ADJUST AND/OR RECONSTRUCT CATCH BASINS, MANHOLES, AND WATER VALVE BOXES TO GRADE LOCATED THROUGHOUT THE PROJECT LIMITS AS DESCRIBED BELOW:

EXISTING CONCRETE COLLARS SHOULD ONLY BE ADJUSTED IF BROKEN, DAMAGED, OR MISALIGNED AS DIRECTED BY THE ENGINEER. **ALL ADJUSTMENTS SHALL BE AGREED ON BY THE PROJECT ENGINEER AND THE CITY OF NEWARK (CONTACT BELOW) BEFORE WORK MAY BEGIN.**

BRIAN MOREHEAD (CITY ENGINEER)
PHONE: 740-670-7727
EMAIL: BMOREHEAD@NEWARKOHIO.NET

CATCH BASIN ADJUSTED TO GRADE INCLUDES ALL NECESSARY WORK TO RESET FRAME PER **CMS 611.11D** AND SHALL ALSO INCLUDE THE REBUILDING OF STRUCTURE WALLS **DOWN TO 12 INCHES** BELOW THE BASIN FRAME, AS DIRECTED BY THE ENGINEER.

CATCH BASIN RECONSTRUCTED TO GRADE INCLUDES ALL WORK PER **CMS 611.11C** THAT REQUIRES THE REBUILDING OF STRUCTURE WALLS **GREATER THEN 12 INCHES** BELOW THE BASIN FRAME AND EXTENDS TO THE BOTTOM OF THE BASIN, AS DIRECTED BY THE ENGINEER.

PRIOR TO THE START OF THE PROJECT, THE CITY WILL BE MADE AWARE TO CLEAN OUT ALL CATCH BASIN DEBRIS WITHIN THEIR CORPORATION LIMITS AND WILL NOTIFY THE PROJECT ENGINEER WHEN THE WORK IS COMPLETED. ONCE VERIFIED BY THE ENGINEER, THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ALL CATCH BASIN DEBRIS AND DISPOSING OFF SITE AT THE COMPLETION OF THE PROJECT. THIS WORK SHALL BE INCLUDED IN THE CATCH BASIN ADJUSTMENT AND RECONSTRUCTION COSTS.

ANY GAS VALVE BOXES AND TELEPHONE COMPANY MANHOLES ON THIS PROJECT SHALL NOT BE DISTURBED.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS DESCRIBED ABOVE AND SHALL BE INCLUDED FOR PAYMENT WITH THE ITEMS LISTED BELOW.

ITEM 611, CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN
LOCATION 1: 1 EACH
LOCATION 2: 12 EACH

ITEM 611, CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN
LOCATION 1: 1 EACH
LOCATION 2: 4 EACH

ITEM 611, MANHOLE ADJUSTED TO GRADE
LOCATION 1: 38 EACH
LOCATION 2: 1 EACH

ITEM 638, VALVE BOX ADJUSTED TO GRADE
LOCATION 1: 10 EACH
LOCATION 2: 2 EACH

GENERAL NOTES

DESIGN AGENCY



DESIGNER

RMA

REVIEWER

JSL 04/30/25

PROJECT ID

95922

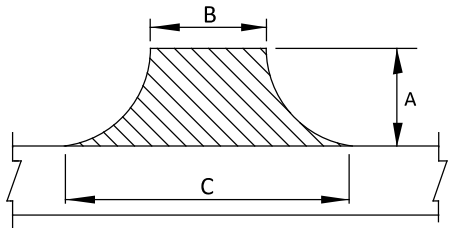
SHEET

TOTAL

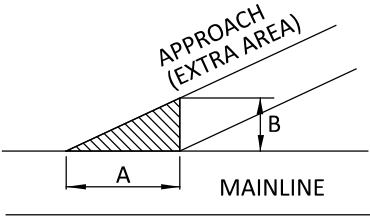
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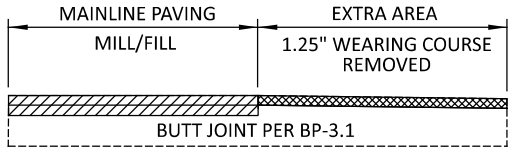
EXTRA AREA DATA												
LOCATION	COUNTY	ROUTE	DESCRIPTION	SIDE	INTERSECTIONS			AREA *CADD MEASURED	202	407	441	
					DETAIL DIMENSION				WEARING COURSE REMOVED	NON-TRACKING TACK COAT @ 0.08 GAL./S.Y.	THICKNESS	SURFACE COURSE, TYPE 1, (449), PG 64-22
					A	B	C					
					FT.	FT.	FT.					
			NEWARK									
1	LIC	S.R. 13	W. CHANNEL STREET	RT	55	30	70	305.6	NO WORK (RECENTLY PAVED)			
			STARE ROAD	LT	55	22	90	342.3	342.3	27.4	1.25	11.9
			W. POSTAL AVE	RT	38	25	90	242.8	242.8	19.5	1.25	8.5
			PIERSON BLVD	LT	40	20	71	202.3	202.3	16.2	1.25	7.1
			ANTHONY DRIVE	RT	35	30	64	182.8	182.8	14.7	1.25	6.4
			ARBOR COURT	RT	35	25	70	184.8	184.8	14.8	1.25	6.5
			NEWTON AVE	LT	35	22	62	163.4	163.4	13.1	1.25	5.7
			ENGLISH AVE	LT	47	24	94	308.2	308.2	24.7	1.25	10.8
			RIVERVIEW DRIVE	RT	35	22	67	173.1	NO WORK (RECENTLY PAVED)			
			DEO DRIVE	LT	50	60	180	666.7	666.7	53.4	1.25	23.2
			WATERWORKS RD (RESURFACE TO TRACKS)	RT	300	VARIES		1,907.0*	1,907.0	152.6	1.25	66.3
			VAN TASSELL AVE	LT	25	30	68	136.2	136.2	10.9	1.25	4.8
			OLD WATERWORKS ROAD	RT	50	20	80	277.8	277.8	22.3	1.25	9.7
			GLADYS AVE	LT	30	25	74	165.0	165.0	13.2	1.25	5.8
			GREENFIELD AVE	LT	30	21	63	140.0	140.0	11.2	1.25	4.9
			MYRTLE AVE	LT	30	23	73	160.0	160.0	12.8	1.25	5.6
			HILLVIEW CIRCLE	LT	56	21	100	376.5	NO WORK (RECENTLY SEALED)			
			21ST STREET	LT	50	50	165	597.3	597.3	47.8	1.25	20.8
			DANIELLE DRIVE	LT	17	45	65	103.9	NO WORK (RECENTLY SEALED)			
			GREGORY DRIVE	LT	50	25	100	347.3	347.3	27.8	1.25	12.1
			NORTH VERNON AVE	LT	35	19	66	165.3	165.3	13.3	1.25	5.8
			GLENRIDGE DRIVE	LT	26	33	56	128.6	128.6	10.3	1.25	4.5
			ASBURY AVE	LT	25	21	56	107.0	107.0	8.6	1.25	3.8
TOTALS (CARRIED TO LOCATION 1 SUB-SUMMARY)									6,424.8	514.6		224.2



AREA = $\left[\frac{A (B + C)}{2} \right] / 9$



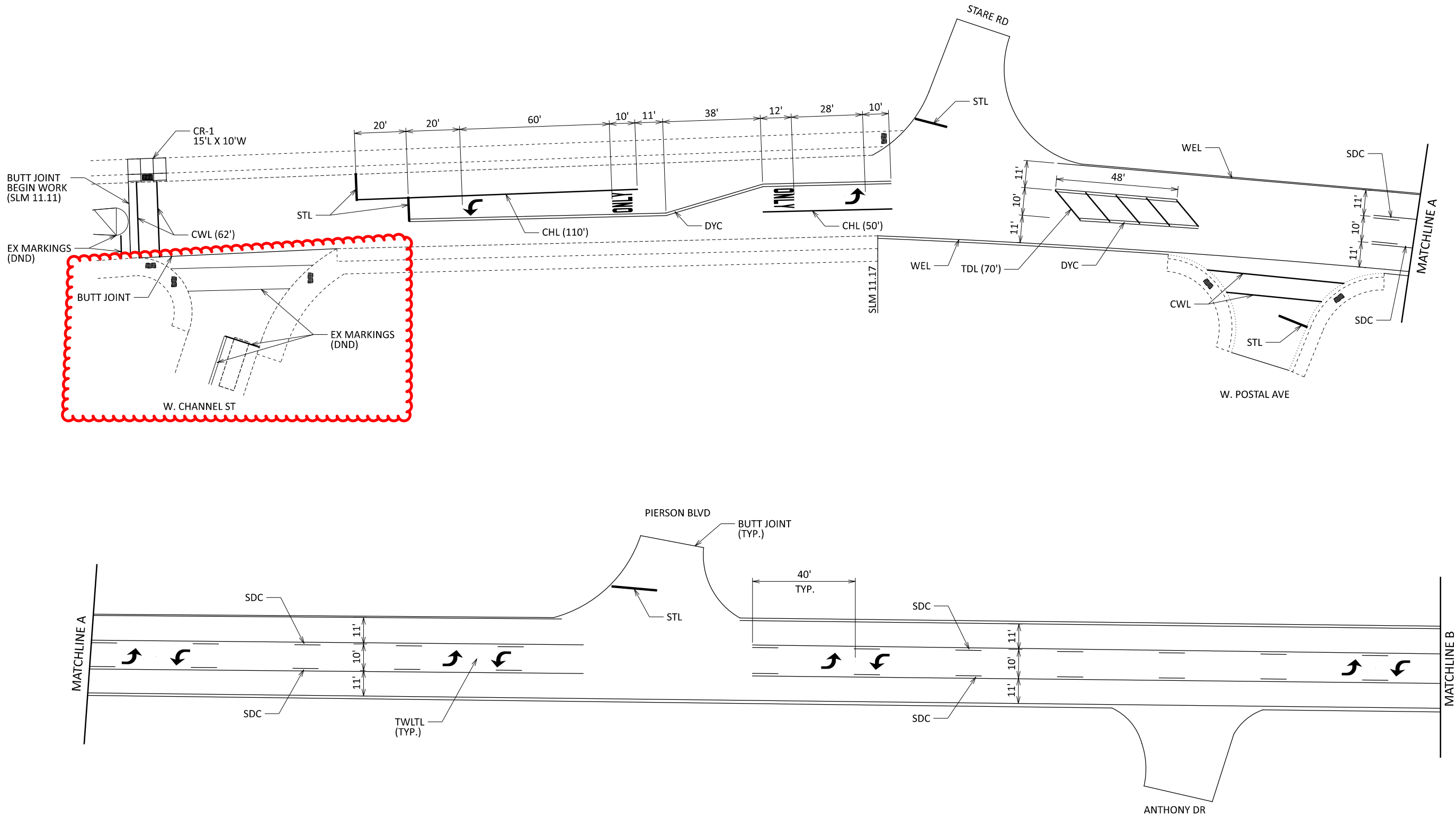
IF C = 0
AREA = $\left[\frac{A \times B}{2} \right] / 9$



AUXILIARY MARKING DATA																
LOCATION	COUNTY	ROUTE	DESCRIPTION	SIDE	644										REMARKS	
					CHANNELIZING LINE, 8"	STOP LINE, 24"	CROSSWALK LINE, 12"	TRANVERSE/ DIAGONAL LINES, 24"	RAILROAD MARKING SYMBOL	SCHOOL SYMBOL MARKING, 96"	LANE ARROW, 96"			TWO WAY LEFT TURN ARROW		WORD ON PAVEMENT, 96"
											TURN					ONLY
								LT.			RT.	THRU				
FT.	FT.	FT.	FT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH						
			NEWARK													
1	LIC	S.R. 13	BEFORE W. CHANNEL ST				62								SEE SHEET 19	
			W. CHANNEL STREET	RT	NO WORK (RECENTLY PAVED)										SEE SHEET 19	
			BETWEEN W. CHANNEL ST AND STARE RD	CL	160	20					2			2	SEE SHEET 19	
			STARE ROAD	LT		12									SEE SHEET 19	
			BETWEEN STARE RD AND POSTAL AVE	CL			70								SEE SHEET 19	
			W. POSTAL AVE	RT		12	92								SEE SHEET 19	
			BETWEEN POSTAL AVE AND PEIRSON BLVD	CL									2		SEE SHEET 19	
			PIERSON BLVD	LT		12									SEE SHEET 19	
			ANTHONY DRIVE	RT		12									SEE SHEET 19	
			ARBOR COURT	RT		12									SEE SHEET 20	
			NEWTON AVE	LT		12									SEE SHEET 20	
			ENGLISH AVE	LT		16									SEE SHEET 20	
			BETWEEN PEIRSON BLVD AND RIVERVIEW DR	CL									7		SEE SHEETS 19-21	
			S.B. LEFT TURN AT RIVERVIEW DRIVE	CL	100						2				SEE SHEET 21	
			TURN LANES PRIOR TO DEO/WATERWORKS	CL	780	35					4	4		4	SEE SHEETS 21-22	
			DEO DRIVE	LT	50	47									SEE SHEET 22	
			WATERWORKS ROAD	RT	275	40		1			2			2	SEE SHEET 22	
			TURN LANES AFTER DEO/WATERWORKS	CL	500	35	35				3	3		2	SEE SHEET 22	
			VAN TASSELL AVE	LT		20									SEE SHEET 22	
			OLD WATERWORKS ROAD	RT		20									SEE SHEET 22	
			S.B. LEFT TURN AT OLD WATERWORKS DR	CL	82		74				1			1	SEE SHEET 22	
			GLADYS AVE	LT		12									PLACE 20' FROM S.R. 13 CENTER LINE	
			GREENFIELD AVE	LT		12									PLACE 20' FROM S.R. 13 CENTER LINE	
			MYRTLE AVE	LT		12									PLACE 20' FROM S.R. 13 CENTER LINE	
			RIGHT TURN LANE AT PARK DR	CL	100							1		1	SEE SHEET 23	
			ON S.R. 13 BEFORE 21ST ST	CL	165	24					2		2	2	SEE SHEET 23	
			ON S.R. 13 AFTER 21ST ST	CL	100	23						1	1	2	SEE SHEET 23	
			LEFT TURN LANE AT GREGORY DRIVE	CL	95		197				1		1	2	SEE SHEET 23	
			GREGORY DRIVE	LT		20									PLACE 20' FROM S.R. 13 CENTER LINE	
			NORTH VERNON AVE	LT		16									PLACE 20' FROM S.R. 13 CENTER LINE	
			LEFT TURN LANE AT DUKE ENTRANCE/GLENRIDGE DR	CL	250		255				3			2	SEE SHEET 24	
			GLENRIDGE DRIVE	LT		22									SEE SHEET 24	
			ASBURY AVE	LT		16									SEE SHEET 24	
			RIGHT TURN LANE AT ASBURY AVE	CL	150							2		1	SEE SHEET 24	
			SUB-TOTALS								20	11	4			
TOTALS (CARRIED TO LOCATION 1 SUB-SUMMARY)					2,807	462	154	631	1		35			9	21	



CHL = CHANNELIZING LINE
CWL = CROSSWALK LINE
DYC = DOUBLE SOLID CENTER LINE
SDC = SOLID DASH CENTER LINE
STL = STOP LINE
TDL = TRANSVERSE/DIAGONAL LINE
WEL = WHITE EDGE LINE
TWLTL = TWO WAY LEFT TURN LANE



LOCATION 1 TOTALS						ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
2	3	8	9	10	14					
				6,425		202	23500	6,425	SY	ROADWAY
					90	202	30000	90	SF	WEARING COURSE REMOVED
					15	202	32000	15	FT	WALK REMOVED
										CURB REMOVED
			3.94			209	72051	3.94	MILE	
					150	608	52001	150	SF	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN
					10	609	26000	10	FT	CURB RAMP, AS PER PLAN
										CURB, TYPE 6
										DRAINAGE
	1					611	98631	1	EACH	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN
	1					611	98635	1	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN
	38					611	99654	38	EACH	MANHOLE ADJUSTED TO GRADE
	10					638	10800	10	EACH	
										VALVE BOX ADJUSTED TO GRADE
										PAVEMENT
50						253	02000	50	CY	PAVEMENT REPAIR
	550					254	01000	550	SY	
	180	46,565	9,880			254	01000	56,625	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"
		6,056	1,285	515		407	20000	7,856	GAL	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"
			2,243			408	10001	2,243	GAL	NON-TRACKING TACK COAT
	31	1,941	412			441	50101	2,384	CY	PRIME COAT, AS PER PLAN
	9	2,265	481			441	50301	2,755	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22
				225		441	70000	225	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN, PG64-22
			312							ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
						617	10101	312	CY	
										COMPACTED AGGREGATE, AS PER PLAN

LOCATION 1 SUB-SUMMARY

LOCATION 1 TOTALS						ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION
3	5	6	15	16	29					
										TRAFFIC CONTROL
175						620	70010	175	FT	DELINEATOR, MISC.: RAISED CURB CHANNELIZING SYSTEM REMOVAL
275						620	70010	275	FT	DELINEATOR, MISC.: RAISED CURB CHANNELIZING SYSTEM
					217	621	00100	217	EACH	RPM
					217	621	54000	217	EACH	RAISED PAVEMENT MARKER REMOVED
			4.76			644	00104	4.76	MILE	EDGE LINE, 6"
			3.30			644	00300	3.30	MILE	CENTER LINE
				2,807		644	00400	2,807	FT	CHANNELIZING LINE, 8"
				462		644	00500	462	FT	STOP LINE
				154		644	00620	154	FT	CROSSWALK LINE, 12"
				631		644	00700	631	FT	TRANSVERSE/DIAGONAL LINE
				1		644	01000	1	EACH	RAILROAD SYMBOL MARKING
				35		644	01300	35	EACH	LANE ARROW
				9		644	01370	9	EACH	TWO WAY LEFT TURN ARROW
				21		644	01410	21	EACH	WORD ON PAVEMENT, 96"
										MAINTENANCE OF TRAFFIC
		400				614	11110	400	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE
	22					614	12460	22	EACH	WORK ZONE MARKING SIGN
	2					614	13000	2	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC
		12				614	18601	12	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
	3.25					614	21100	3.25	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT
	3.25					614	21550	3.25	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT
	2,750					614	23200	2,750	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT
	2,750					614	23680	2,750	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT
	103					614	26200	103	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT
	103					614	26610	103	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT

LOCATION 1 SUB-SUMMARY

DESIGN AGENCY

DESIGNER

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TOTAL

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LOC. 1	LOC. 2	PLAN SPLITS			ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
		01/NHS /NEWK	02/NHS	03/NHS /NEWK						
6,425	3,659	4,518	3,659	1,907	202	23500	10,084	SY	WEARING COURSE REMOVED	
	881		881		202	30000	881	SF	WALK REMOVED	
	123		123		202	32000	123	FT	CURB REMOVED	
3.94	16.68	3.94	16.68		209	72051	20.62	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	2
	48		48		608	10000	48	SF	4" CONCRETE WALK	
150	881		881	150	608	52001	1,031	SF	CURB RAMP, AS PER PLAN	14
	16		16		608	53020	16	SF	DETECTABLE WARNING	
10	52		52	10	609	26000	62	FT	CURB, TYPE 6	
									DRAINAGE	
1	12	1	12		611	98631	13	EACH	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	3
1	4	1	4		611	98635	5	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	3
38	1	38	1		611	99654	39	EACH	MANHOLE ADJUSTED TO GRADE	
10	2	10	2		638	10800	12	EACH	VALVE BOX ADJUSTED TO GRADE	
									PAVEMENT	
50	800	50	800		253	02000	850	CY	PAVEMENT REPAIR	
550	150,954	550	150,954		254	01000	151,504	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"	
56,625	20,252	56,625	20,252		254	01000	76,877	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"	
7,856	20,556	7,703	20,556	153	407	20000	28,412	GAL	NON-TRACKING TACK COAT	
2,243	7,707	2,243	7,707		408	10001	9,950	GAL	PRIME COAT, AS PER PLAN	2
2,384	7,128	2,384	7,128		441	50101	9,512	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN , PG70-22M	4
2,755	762	2,755	762		441	50301	3,517	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN , PG64-22	4
225	129	158	129	67	441	70000	354	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
	568		568		516	31011	568	FT	2" DEEP JOINT SEALER, AS PER PLAN	2
312	1,088	312	1,088		617	10101	1,400	CY	COMPACTED AGGREGATE, AS PER PLAN	2
	7.38		7.38		618	43000	7.38	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
	8.29		8.29		874	21000	8.29	MILE	LONGITUDINAL JOINT PREPARATION	

GENERAL SUMMARY

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TOTAL

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LOC. 1	LOC. 2	PLAN SPLITS			ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
		01/NHS /NEWK	02/NHS	03/NHS /NEWK						
									TRAFFIC CONTROL	
175				175	620	70010	175	FT	DELINEATOR, MISC.: RAISED CURB CHANNELIZING SYSTEM REMOVAL	3
275				275	620	70010	275	FT	DELINEATOR, MISC.: RAISED CURB CHANNELIZING SYSTEM	3
217	801	217	801		621	00100	1,018	EACH	RPM	
217	801	217	801		621	54000	1,018	EACH	RAISED PAVEMENT MARKER REMOVED	
4.76	17.16	4.76	17.16		644	00104	21.92	MILE	EDGE LINE, 6"	
3.30	9.74	3.25	9.74	0.05	644	00300	13.04	MILE	CENTER LINE	
2.807	505	2,532	505	275	644	00400	3,312	FT	CHANNELIZING LINE, 8"	
462	396	422	396	40	644	00500	858	FT	STOP LINE	
154	1,211	154	1,211		644	00620	1,365	FT	CROSSWALK LINE, 12"	
631	528	631	528		644	00700	1,159	FT	TRANSVERSE/DIAGONAL LINE	
1				1	644	01000	1	EACH	RAILROAD SYMBOL MARKING	
	2		2		644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"	
35	5	33	5	2	644	01300	40	EACH	LANE ARROW	
9		9			644	01370	9	EACH	TWO WAY LEFT TURN ARROW	
21	3	19	3	2	644	01410	24	EACH	WORD ON PAVEMENT, 96"	
	58		58		644	20800	58	FT	YIELD LINE	
	0.38		0.38		646	10010	0.38	MILE	EDGE LINE, 6"	
	0.20		0.20		646	10200	0.20	MILE	CENTER LINE	
									MAINTENANCE OF TRAFFIC	
400	200	400	200		614	11110	600	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
22	59	22	59		614	12460	81	EACH	WORK ZONE MARKING SIGN	
2	6	2	6		614	13000	8	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
12	4	12	4		614	18601	16	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	
3.25	1.14	3.25	1.14		614	21100	4.39	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
3.25	9.79	3.25	9.79		614	21550	13.04	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
2,750		2,750			614	23200	2,750	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
2,750	545	2,750	545		614	23680	3,295	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
103	86	103	86		614	26200	189	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
103	86	103	86		614	26610	189	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
									INCIDENTALS	
		LS	LS	LS	614	11000		LS	MAINTAINING TRAFFIC	
		6	6		619	16020	12	MNTH	FIELD OFFICE, TYPE C	
		LS	LS	LS	623	10000		LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	
		LS	LS	LS	624	10000		LS	MOBILIZATION	

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