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SEQUENCE OF OPERATIONS

IT IS THE INTENT OF THIS SEQUENCE OF OPERATIONS TO PROVIDE A WORK AREA FOR THE CONTRACTOR WHILE ALSO MAINTAINING TRAFFIC IN A MANNER WHICH IS SAFE FOR THE TRAVELING PUBLIC. IT MAY BE NECESSARY FOR THE CONTRACTOR TO ALTERNATE BETWEEN PHASES IN ORDER TO MEET WORK RESTRICTIONS FOUND IN ODOT'S "DROP-OFFS IN WORK ZONES" STANDARD DRAWING MT-101.90

IF THE CONTRACTOR SO ELECTS, HE/SHE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS ARE FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE ENGINEER.

ALL WORK NOT SPECIFIED IN THE SEQUENCE OF OPERATIONS CAN BE COMPLETED ANYTIME DURING THE DURATION OF THE PROJECT AT THE APPROVAL OF THE ENGINEER.

THE BELOW SEQUENCE WILL REQUIRE NIGHT PAVING PER THE LANE VALUE CONTRACT TABLE.

PRE-PHASE 1:

(1) PERFORM I.R. 70 MEDIAN RETAINING WALL AND BARRIER REPAIRS SHOWN ON SHEETS 18 AND 49. THE INSIDE TRAVEL LANES SHALL BE CLOSED IN BOTH THE EASTBOUND AND WESTBOUND DIRECTION DURING ALL RETAINING WALL AND MEDIAN BARRIER REPAIRS.

(2) PERFORM DECK/ BACKWALL PATCHING AND SEALING ON I.R. 70 MAINLINE BRIDGES (LIC-70-2015)

(3) PERFORM FULL DEPTH PAVEMENT REPAIRS

PHASE 1:

(1) CLOSE DRIVING LANE, OUTSIDE SHOULDER, AND ACCEL/DECEL LANES AND MAINTAIN TRAFFIC BY USE OF THE PASSING LANE. RAMP CLOSURES MAY BE NECESSARY, DETOUR WITH PCMS AT DIRECTION OF ENGINEER

(2) PLANE THE DRIVING LANE, OUTSIDE SHOULDER, AND ACCEL/DECEL LANES AT DEPTHS DETAILED IN PLANS, IMMEDIATELY FOLLOWED BY PLACING ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE WITH ECHELON PAVING PER TYPICAL SECTION

(3) PLACE WORK ZONE PAVEMENT MARKINGS

PHASE 2:

(1) CLOSE MIDDLE LANE, PASSING LANE, AND INSIDE SHOULDER AND MAINTAIN TRAFFIC BY USE OF THE DRIVING LANE AND OUTSIDE SHOULDER. RAMP CLOSURES MAY BE NECESSARY, DETOUR WITH PCMS AT DIRECTION OF ENGINEER

(2) PLANE MIDDLE LANE, PASSING LANE, AND INSIDE SHOULDER AT DEPTHS DETAILED IN PLANS, IMMEDIATELY FOLLOWED BY PLACING ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE WITH ECHELON PAVING PER TYPICAL SECTION

(3) PLACE WORK ZONE PAVEMENT MARKINGS

PHASE 3:

(1) CLOSE DRIVING LANE, OUTSIDE SHOULDER, AND ACCEL/DECEL LANES AND MAINTAIN TRAFFIC BY USE OF THE PASSING LANE. RAMP CLOSURES MAY BE NECESSARY, DETOUR WITH PCMS AT DIRECTION OF ENGINEER

(2) PLACE ITEM 442, ASPHALT CONCRETE SURFACE COURSE ON DRIVING LANE, OUTSIDE SHOULDER, AND ACCEL/DECEL LANES WITH ECHELON PAVING PER TYPICAL SECTION

(3) PLACE WORK ZONE PAVEMENT MARKINGS

PHASE 4:

(1) CLOSE MIDDLE LANE, PASSING LANE, AND INSIDE SHOULDER AND MAINTAIN TRAFFIC BY USE OF THE DRIVING LANE AND OUTSIDE SHOULDER. RAMP CLOSURES MAY BE NECESSARY, DETOUR WITH PCMS AT DIRECTION OF ENGINEER

(2) PLACE ITEM 442, ASPHALT CONCRETE SURFACE COURSE ON MIDDLE LANE, PASSING LANE, AND INSIDE SHOULDER WITH ECHELON PAVING PER TYPICAL SECTION

(3) PLACE WORK ZONE PAVEMENT MARKINGS

PHASE 5:

(1) ADJUST INSIDE SHOULDER INLET GRATES GREATER THAN 1" BELOW FINAL SURFACE

(2) INSTALL 2" DEEP JOINT SEALER, AS PER PLAN (A) AT MAINLINE BRIDGES AND RAMPS

(3) PERFORM DIAMOND GRINDING AND JOINT SEALING ON RAMPS

(4) INSTALL RUMBLE STRIPS, RAISED PAVEMENT MARKERS, AND FINAL PAVEMENT MARKINGS

SEE SHEET 8 FOR TYPICAL SECTIONS

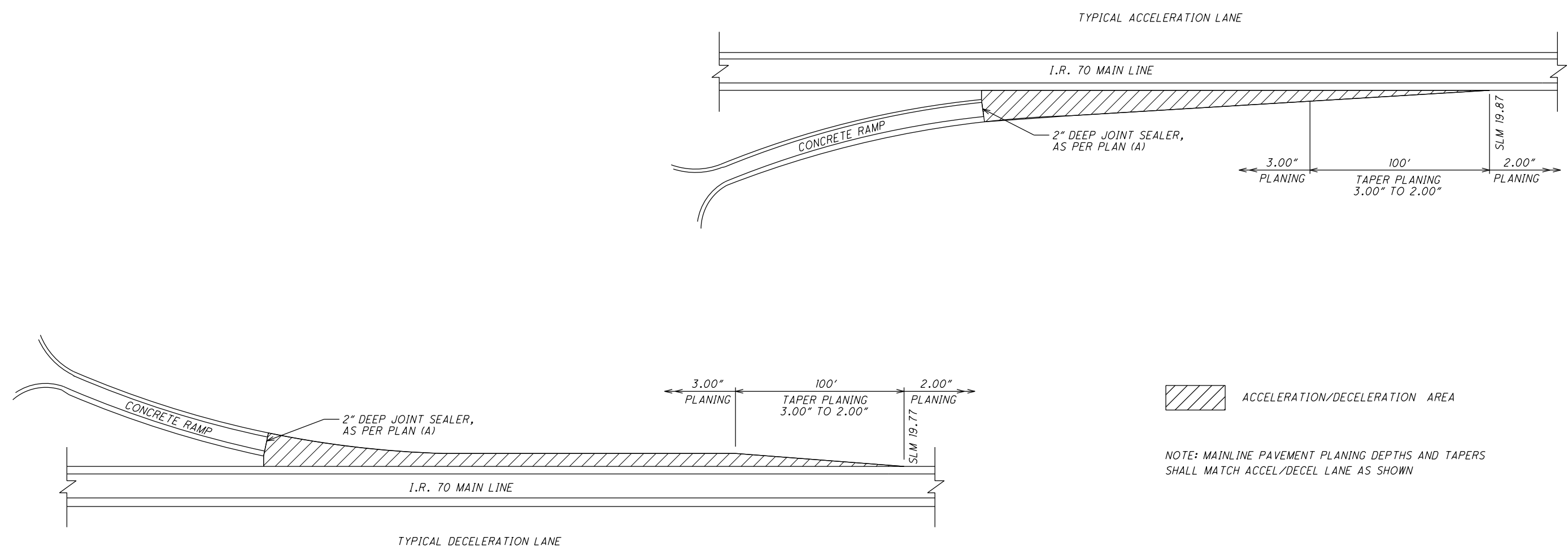
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SEQUENCE OF OPERATIONS

LIC-70-19.47

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49

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ACCELERATION/DECELERATION AREA

NOTE: MAINLINE PAVEMENT PLANING DEPTHS AND TAPERS SHALL MATCH ACCEL/DECEL LANE AS SHOWN

ACCEL/DECEL LANE DATA													
LOCATION	COUNTY	ROUTE	DESCRIPTION	AREA	254		407		442			516	
					PAVEMENT PLANING, ASPHALT CONCRETE, 3.00"	NON-TRACKING TACK COAT @ 0.08 GAL/S.Y.	NON-TRACKING TACK COAT @ 0.05 GAL/S.Y.	ANTI-SEGREGATION EQUIPMENT	INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN	SURFACE COURSE, 12.5 MM, TYPE A (447)	2" DEEP JOINT SEALER, AS PER PLAN (A)		
				SQ. YD.	SQ.YD.	GAL.	GAL.	CU.YD.	INCH	CU.YD.	INCH	CU.YD.	FT.
1	LIC	I.R. 70 E.B.	ACCELERATION LANE FROM S.R. 13	2,750.0	2,750.0	220.0	138.0	229.2	1.50	114.6	1.50	114.6	25.0
		I.R. 70 W.B.	DECELERATION LANE TO S.R. 13	1,527.0	1,527.0	123.0	77.0	127.4	1.50	63.7	1.50	63.7	25.0
SUB-TOTALS						343.0	215.0						
LOCATION 1 TOTALS (CARRIED TO GENERAL SUMMARY)					4,277.0	558.0		356.6		178.3		178.3	50.0

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LOCATION 1 TOTALS									PLAN SPLITS			ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
2	3	10	11	12	13	18	20	29	01/IMS/PV	02/IMS/BR	03/SAF/PV						
ROADWAY																	
								669			669	202	23000	669	SY	PAVEMENT REMOVED	
								743			743	203	10000	743	CY	EXCAVATION	
								70			70	203	20000	70	CY	EMBANKMENT	
								1,627			1,627	204	10000	1,627	SY	SUBGRADE COMPACTION	
8.74									8.74			209	60500	8.74	MILE	LINEAR GRADING	
								1,420			1,420	622	90000	1,420	FT	BARRIER, MISC.: MEDIAN BARRIER REMOVE AND REPLACE, TYPE B50	18
								120			120	622	90000	120	FT	BARRIER, MISC.: MEDIAN BARRIER REMOVE AND REPLACE, TYPE C50	18
EROSION CONTROL																	
								1,210			1,210	659	00510	1,210	SY	SEEDING AND MULCHING, CLASS 2	
											5,000	832	30000	5,000	EACH	EROSION CONTROL	
DRAINAGE																	
60									60			611	99150	60	EACH	INLET ADJUSTED TO GRADE	
4									4			611	99154	4	EACH	INLET RECONSTRUCTED TO GRADE	
PAVEMENT																	
100									100			253	02000	100	CY	PAVEMENT REPAIR	
								334				254	01000	334	SY	PAVEMENT PLANING, ASPHALT CONCRETE , 1.50"	
		169,805	94,336						264,141			254	01000	264,141	SY	PAVEMENT PLANING, ASPHALT CONCRETE , 2.00"	
		14,784	8,214	4,277					27,275			254	01000	27,275	SY	PAVEMENT PLANING, ASPHALT CONCRETE , 3.00"	
								1,309			1,309	255	10501	1,309	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN (12" REINFORCED)	13
								233			233	255	10501	233	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN (12" UNREINFORCED)	13
								3,131			3,131	255	20000	3,131	FT	FULL DEPTH PAVEMENT SAWING	
								10,908			10,908	257	10001	10,908	SY	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT, AS PER PLAN	13
								543			543	304	20000	543	CY	AGGREGATE BASE	
		23,951	13,305	558			27		37,841			407	20000	37,841	GAL	NON-TRACKING TACK COAT	
			3,999						5,397			408	10001	5,397	GAL	PRIME COAT, AS PER PLAN	2
		15,346		357			14		15,717			442	00100	15,717	CY	ANTI-SEGREGATION EQUIPMENT	
		7,673	4,263	179					12,115			442	10101	12,115	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (PG64-22/PG64-28)	3
		7,673	4,263	179			14		12,129			442	10300	12,129	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)	
								1,465			1,465	451	16010	1,465	SY	12" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
				50			352		402			516	31011	402	FT	2" DEEP JOINT SEALER, AS PER PLAN (A)	2
			568						956			617	10101	956	CY	COMPACTED AGGREGATE, AS PER PLAN	2
			17.32						17.32			618	40600	17.32	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
	LS								LS			SPECIAL	69098400		LS	PAVER MOUNTED THERMAL PROFILING (PMTF)	

CALCULATED	LME	CHECKED	JSL		
GENERAL SUMMARY					
LIC-70-19.47					
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