

03-07-2025 LETTING ITEM 167

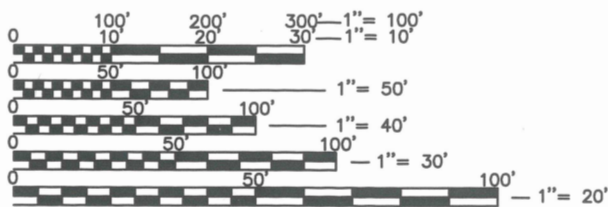
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FUNCTIONAL CLASS: MAJOR COLLECTOR (RURAL)
2024 ADT: 1,700
DESIGN SPEED: 50 MPH
3R GUIDELINES

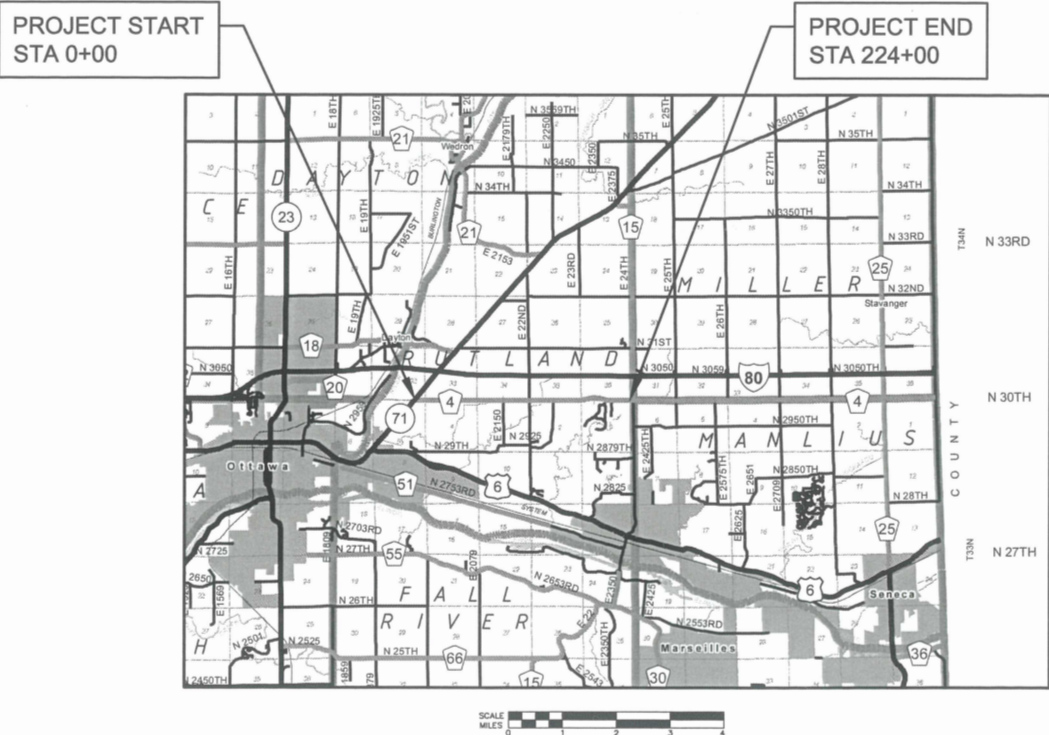
STA 0+00 = EAST EOP IL ROUTE 71
STA 224+00 = WEST EOP COUNTY HIGHWAY 15

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY SAFETY IMPROVEMENT PROGRAM HMA RESURFACING F.A.S. ROUTE 1355 (COUNTY HIGHWAY 4) SECTION 23-00405-01-WR PROJECT NO. UTVB(418) LASALLE COUNTY C-93-102-25



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CALL JULIE
48 Hours Before You Dig.
811 OR 1-800-892-0123



GROSS LENGTH = 22,400 FT = 4.242 MI
NET LENGTH = 22,400 FT = 4.242 MI



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>[Signature]</i> LASALLE COUNTY ENGINEER
PASSED	January 3, 2024 <i>[Signature]</i> DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	January 3, 2024 <i>[Signature]</i> REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 87878

SUMMARY OF QUANTITIES					
CODE NO.	PAY ITEM	UNIT	CONST. TYPE 0005	CONST. TYPE 0021	TOTAL QUANTITIES
			RESURF	SAFETY	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	0	1,877	1,877
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	403	0	403
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39,916	6,773	46,689
40600370	LONGITUDINAL JOINT SEALANT	FOOT	22,371	0	22,371
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	498	0	498
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	3,878	697	4,575
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	4,150	705	4,855
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, ¾"	SQ YD	92	0	92
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	813	0	813
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	0	1,156	1,156
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	0	10,119	10,119
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	0	41,210	41,210
67100100	MOBILIZATION	L SUM	0.60	0.40	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	0	23,192	23,192
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	0	25,616	25,616
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	0	44,661	44,661
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	0	14	14
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	0	33	33
Z0055600	RUMBLE STRIP	SQ YD	92	0	92
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	7	0	7
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.60	0.40	1

* SPECIALTY ITEM

SECTION	23-00405-01-WR
SUMMARY OF QUANTITIES	
LASALLE COUNTY HIGHWAY DEPARTMENT 1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350 PHONE (815) 434-0743 FAX (815) 434-0747  PLEASE DRIVE SLOWLY	
HWY. NO.	4
CONTRACT NO.	87878
SHEET NO.	2 of 10

GENERAL NOTES

THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

PRIME COAT	0.25 LB / SQ FT
*TACK COAT	0.05 LB / SQ FT (ON EX CAPE)
	0.025 LB / SQ FT (ON PR BINDER)
HOT-MIX ASPHALT	112 LB / SQ YD / IN
GRANULAR MATERIALS	2.05 TON / CU YD
SHORT TERM PAVEMENT MARKING	10 FT / 40 FT

*THE FIRST APPLICATION OF BITUMINOUS MATERIALS (TACK COAT) SHALL BE A NON-TRACKING EMULSIFIED ASPHALT

HIGHWAY STANDARDS

642006-01	SHOULDER RUMBLE STRIPS, 8 IN
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES

HMA MIXTURE REQUIREMENTS

LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	BINDER	SURFACE	HMA SHLDR - BOTT LIFT	HMA SHLDR - TOP LIFT
PG:	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5FG	IL-9.5FG	IL-19.0	IL-9.5FG
FRICTION AGGREGATE:		MIX "C"		MIX "C"
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE:	NO	NO	NO	NO
DENSITY TEST METHOD:	NUCLEAR	NUCLEAR	NUCLEAR	NUCLEAR

SECTION

23-00405-01-WR

GENERAL NOTES

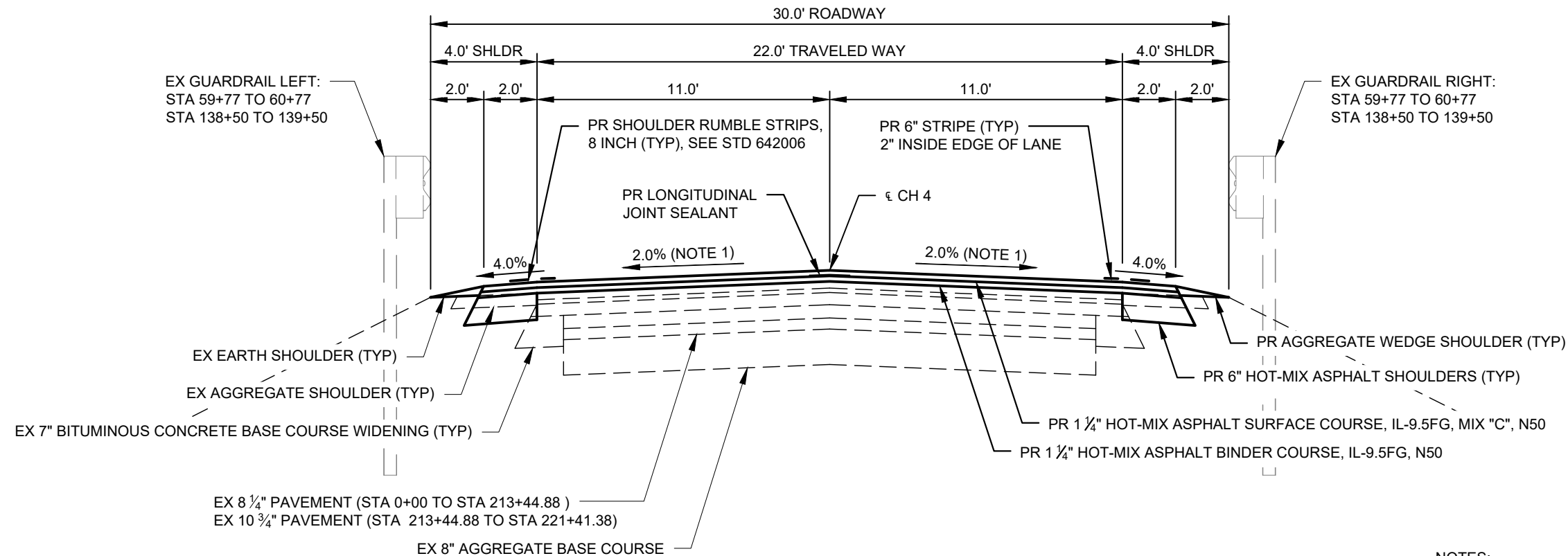
LASALLE COUNTY
HIGHWAY DEPARTMENT
1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350
PHONE (815) 434-0743 FAX (815) 434-0747



HWY. NO.
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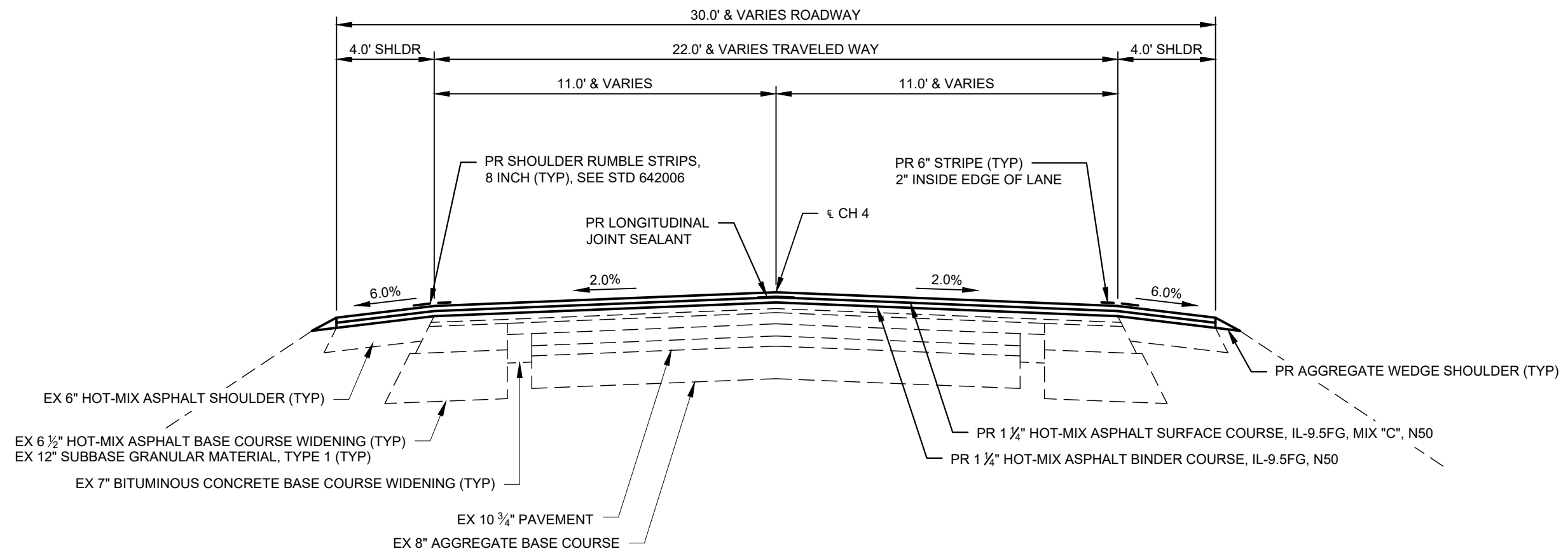
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TYPICAL SECTION
STA 0+00.00 TO STA 221+41.38

NOTES:
1. MATCH EXISTING SUPERELEVATION FROM:
STA 167+64.84 TO STA 173+29.16
STA 180+42.73 TO STA 188+77.07
STA 194+99.93 TO STA 200+77.27



TYPICAL SECTION
STA 221+41.38 TO STA 222+75.00

SECTION

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TYPICAL SECTIONS

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HIGHWAY DEPARTMENT
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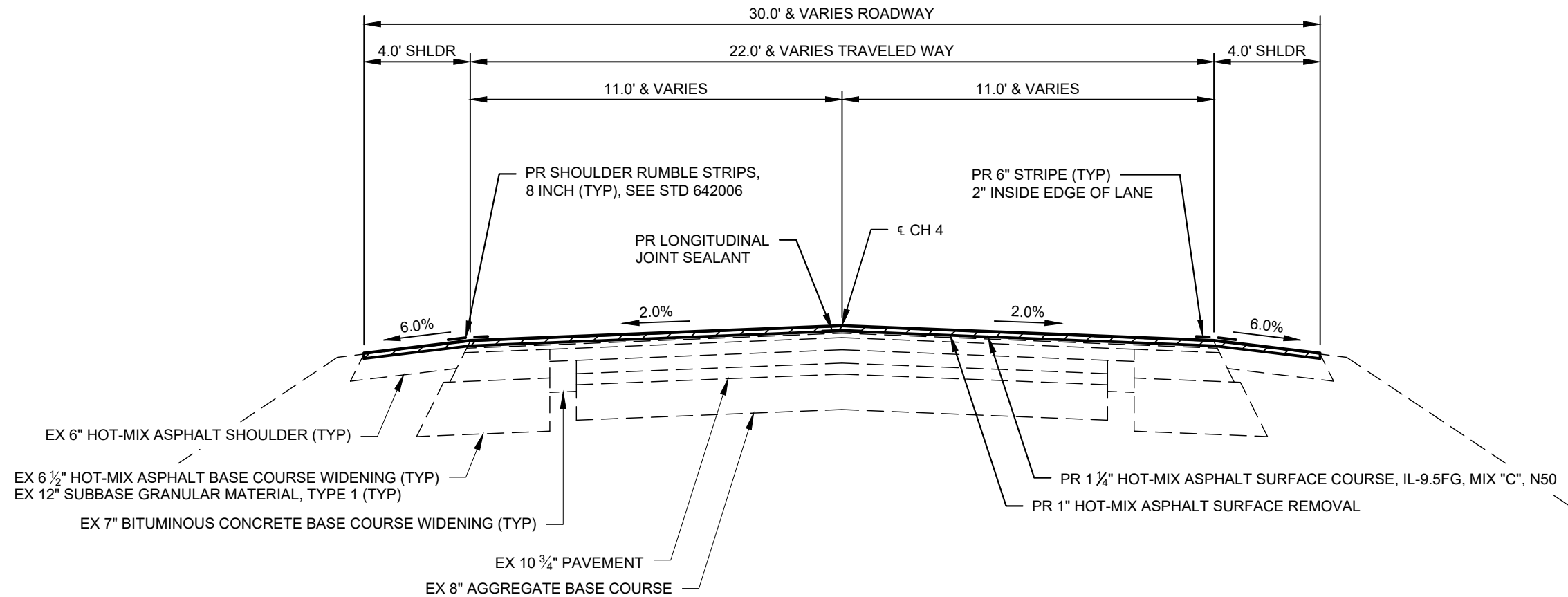


HWY. NO.

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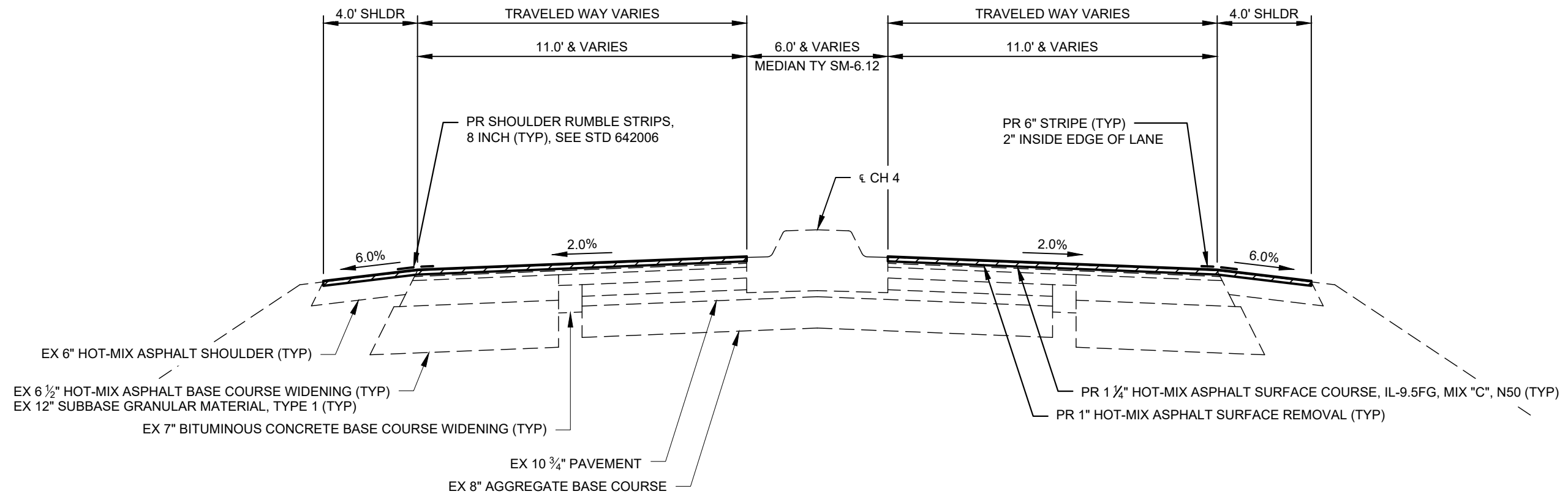
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TYPICAL SECTION

STA 222+75.00 TO STA 223+42.20
STA 223+71.20 TO STA 224+00.00



TYPICAL SECTION

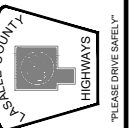
STA 223+42.20 TO STA 223+71.20

SECTION

23-00405-01-WR

TYPICAL SECTIONS

LASALLE COUNTY
HIGHWAY DEPARTMENT
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HWY. NO.

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PAVEMENT SCHEDULE											
STATION TO STATION	SURFACE WIDTH	HMA SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	LENGTH	AREA	HMA SURFACE REM	BITUMINOUS MATERIALS (TACK COAT)	LONG JOINT SEALANT	HMA BINDER COURSE, IL-9.5FG, N50	HMA SC IL-9.5FG MIX "C", N50	AGG WEDGE SHOULDER, TYPE B
					*	1"	**		1.25"	1.25"	2.5"
	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	POUND	FOOT	TON	TON	TON
0+00.00 TO 0+65.00	22 & VARIES	2	2	65.0	482.8	0.0	325.9	65.0	33.8	33.8	2.9
0+65.00 TO 221+41.38	22	2	2	22,076.4	63,776.3	0.0	43,049.0	22,076.4	4,464.3	4,464.3	977.8
221+41.38 TO 222+75.00	22 & VARIES	4	1	133.6	480.2	0.0	324.1	133.6	33.6	33.6	3.0
222+75.00 TO 224+00.00	22 & VARIES	4	1	125.0	813.4	813.4	366.0	96.0	0.0	56.9	2.8
*** INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS					2,510.2	0.0	563.6	0.0	43.0	266.1	170.0
TOTALS =					68,062.9	813.4	44,628.6	22,371.0	4,574.7	4,854.7	1,156.5

* INCLUDES AREA OF HMA SHOULDERS.

** 1 APPLICATION IN AREAS OF HMA SURFACE REMOVAL, 1"; 2 APPLICATIONS ELSEWHERE.

*** SEE SHEETS 7 AND 8 OF 10.

HMA SHOULDER SCHEDULE							
STATION TO STATION	SIDE	HMA SHLDR WIDTH	LENGTH *	EARTH EXC WID	HMA SHOULDERS, 6"	** BIT MATLS TACK CT	SHOULDER RUM STRIP, 8"
		FOOT	FOOT	CU YD	SQ YD	POUND	FOOT
0+65 TO 221+41.38	LT	2	21,360.4	973.1	5,245.2	1,068.0	21,360.4
0+65 TO 221+41.38	RT	2	19,849.4	904.3	4,874.1	992.5	19,849.4
TOTALS =				1,877.4	10,119.3	2,060.5	41,209.8

* LENGTH OMITTS INTERSECTIONS, ENTRANCES & MAILBOX TURNOUTS.

** 1 APPLICATION OF TACK COAT

SHORT TERM PAVEMENT MARKING		
STATION TO STATION	CENTERLINE	STOP BAR
	SKIP DASH - YELLOW - 4"	SOLID - WHITE - 4"
	4 APPLICATIONS	
	FOOT	
0+00 TO 224+00	22,400	792
TOTAL =	23,192	

HMA SURFACE REMOVAL, ¾"		
LOCATION	DESCRIPTION	AREA
		SQ YD
EB LANE @ CH 15 INT	3 @ 11' X 25'	91.7
TOTAL =		91.7

RUMBLE STRIP		
LOCATION	DESCRIPTION	AREA
		SQ YD
EB LANE @ CH 15 INT	3 @ 11' X 25'	91.7
TOTAL =		91.7

HMA SURFACE REMOVAL - BUTT JOINT			
STATION	SIDE	TYPE	AREA
			SQ YD
0+00	CL	IL RTE 71 INT	422.1
37+86	LT	PE	14.4
38+80	LT	PE	11.1
42+82	LT	PE	14.4
72+45	LT	PE	11.1
158+87	RT	PE	4.0
162+83	RT	PE	5.1
204+41	LT	PE	13.3
207+23	RT	PE	2.7
TOTAL =			498.2

SECTION

23-00405-01-WR

SCHEDULE OF QUANTITIES

LASALLE COUNTY
HIGHWAY DEPARTMENT

1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350

PHONE (815) 434-0743 FAX (815) 434-0747



HWY. NO.

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NO.
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SHEET NO.
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INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS (1/3)												
STATION	SIDE	TYPE	EX SURF	THROAT	O/S FROM	AREA	EARTH	BIT MATL	BIT MATL	HMA	HMA	*AGG
				WIDTH	FROM		EX (SPL)	PRIME CT	TACK CT			
				FOOT	FOOT	SQ YD	CU YD	POUND	POUND	TON	TON	TON
2+18	LT	FE	HMA APP	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
2+18	RT	PE	HMA APP	15	17	33.1	0.0	0.0	7.4	0.2	3.5	1.0
10+79	RT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
12+19	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
12+20	RT	PE	HMA APP	14	17	31.2	0.0	0.0	7.0	0.2	3.3	1.0
12+23	LT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
13+93	RT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
24+25	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
24+42	RT	PE	HMA APP	10	17	23.7	0.0	0.0	5.3	0.2	2.5	1.0
37+10	RT	FE	AGG	32	1	3.7	0.1	8.3	0.8	0.3	0.7	5.0
37+72	RT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
37+86	LT	PE	HMA	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
38+03	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
38+80	LT	PE	HMA	10	17	23.7	0.0	0.0	5.3	0.2	2.5	1.0
40+54	LT	FE	AGG	32	1	3.7	0.1	8.3	0.8	0.3	0.7	5.0
42+82	LT	PE	HMA	13	16	27.9	0.0	0.0	6.3	0.2	2.9	1.0
42+82	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
46+64	LT	PE	AGG	18	17	38.8	1.5	87.3	8.7	0.3	7.9	1.0
52+44	LT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
63+75	RT	PE	AGG	12	17	27.5	1.1	61.9	6.2	0.2	5.6	1.0
63+89	LT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
71+26	LT	PE	HMA APP	22	17	46.4	0.0	0.0	10.4	0.3	4.9	1.0
71+94	RT	FE	AGG	32	1	3.7	0.1	8.3	0.8	0.3	0.7	5.0
72+45	LT	PE	HMA	10	16	22.6	0.0	0.0	5.1	0.2	2.4	1.0
72+90	LT	PE	HMA APP	14	17	4.9	0.0	0.0	1.1	0.3	0.3	0.0
73+00	RT	MBTO	HMA	-	3	31.2	0.0	0.0	7.0	0.2	3.3	1.0
78+07	LT	PE	HMA APP	10	17	23.7	0.0	0.0	5.3	0.2	2.5	1.0
79+11	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
79+18	LT	PE	HMA APP	18	17	38.8	0.0	0.0	8.7	0.3	4.1	1.0
80+61	LT	PE	HMA APP	10	17	23.7	0.0	0.0	5.3	0.2	2.5	1.0
80+61	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
83+26	RT	MBTO	AGG	-	3	4.9	0.2	11.0	1.1	0.3	0.8	0.0
83+26	LT	PE	HMA APP	20	16	40.4	0.0	0.0	9.1	0.3	4.2	1.0
84+12	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
84+21	LT	PE	HMA APP	18	17	38.8	0.0	0.0	8.7	0.3	4.1	1.0
86+86	LT	PE	HMA APP	18	12	28.8	0.0	0.0	6.5	0.3	3.0	1.0
86+94	RT	MBTO	HMA	-	4	10.7	0.0	0.0	2.4	0.7	0.7	0.0
88+55	RT	PE	HMA APP	21	17	44.5	0.0	0.0	10.0	0.3	4.7	1.0
88+85	RT	MBTO	HMA	-	3	4.9	0.0	0.0	1.1	0.3	0.3	0.0
90+30	LT	FE	HMA	32	1	3.7	0.0	0.0	0.8	0.3	0.3	5.0
90+51	RT	INT	HMA APP	22	15	66.5	0.0	0.0	15.0	0.3	7.0	1.0
91+60	LT	PE	HMA APP	30	17	61.5	0.0	0.0	13.8	0.5	6.5	1.0
91+76	RT	MBTO	HMA	-	4	10.7	0.0	0.0	2.4	0.7	0.7	0.0
93+40	LT	PE	HMA APP	30	2	11.5	0.0	0.0	2.6	0.5	1.2	1.0
96+46	LT	PE	AGG	20	17	42.6	1.6	95.9	9.6	0.3	8.7	1.0
107+14	RT	FE	HMA	32	3	3.7	0.0	0.0	0.8	0.3	0.3	5.0
117+18	RT	E 22ND	HMA APP	22	17	71.4	0.0	0.0	16.1	0.3	7.5	1.0
117+18	LT	E 22ND	HMA APP	24	17	75.1	0.0	0.0	16.9	0.4	7.9	1.0

INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS (2/3)												
STATION	SIDE	TYPE	EX SURF	THROAT	O/S FROM	AREA	EARTH	BIT MATL	BIT MATL	HMA	HMA	*AGG
				WIDTH	FROM		EX (SPL)	PRIME CT	TACK CT			
				FOOT	FOOT	SQ YD	CU YD	POUND	POUND	TON	TON	TON
133+56	RT	FE	HMA	32	1	3.7	0.0	0.0	0.8	0.3	0.3	5.0
136+75	LT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
141+84	RT	E 2250	HMA APP	20	17	67.6	0.0	0.0	15.2	0.3	7.1	1.0
152+14	LT	PE	HMA APP	25	1	7.6	0.0	0.0	1.7	0.4	0.8	1.0
152+32	RT	MBTO	AGG	-	1	4.9	0.2	11.0	1.1	0.3	0.8	0.0
156+84	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
156+96	RT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
158+87	RT	PE	HMA	18	2	8.8	0.0	0.0	2.0	0.3	0.9	1.0
159+03	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
160+92	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
161+14	RT	PE	HMA APP	18	15	34.8	0.0	0.0	7.8	0.3	3.7	1.0
162+83	RT	PE	HMA	23	2	9.9	0.0	0.0	2.2	0.4	1.0	1.0
162+91	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
163+23	RT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
166+07	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
166+18	LT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
167+59	RT	PE	HMA APP	13	16	27.9	0.0	0.0	6.3	0.2	2.9	1.0
167+81	RT	MBTO	HMA	-	8	64.0	0.0	0.0	14.4	4.5	4.5	0.0
167+90	RT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
170+00	RT	PE	HMA APP	15	17	33.1	0.0	0.0	7.4	0.2	3.5	1.0
171+98	RT	PE	HMA APP	17	17	36.9	0.0	0.0	8.3	0.3	3.9	1.0
172+33	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
172+98	LT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
173+07	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
173+71	RT	PE	AGG	15	17	33.1	1.3	74.5	7.4	0.2	6.7	1.0
176+05	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
176+25	RT	PE	HMA APP	12	17	27.5	0.0	0.0	6.2	0.2	2.9	1.0
179+23	LT	PE	HMA APP	11	17	25.6	0.0	0.0	5.8	0.2	2.7	1.0
179+34	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
181+22	RT	MBTO	HMA	-	3	17.3	0.0	0.0	3.9	1.2	1.2	0.0
181+39	RT	PE	HMA APP	15	16	31.5	0.0	0.0	7.1	0.2		

INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS (3/3)												
STATION	SIDE	TYPE	EX SURF	THROAT WIDTH	O/S FROM EOP	AREA	EARTH EX (SPL)	BIT MATL PRIME CT	BIT MATL TACK CT	HMA BINDER	HMA SURFACE	*AGG SHLDR
				FOOT	FOOT	SQ YD	CU YD	POUND	POUND	TON	TON	TON
191+34	LT	PE	HMA APP	11	17	25.6	0.0	0.0	5.8	0.2	2.7	1.0
192+34	RT	PE	HMA APP	23	17	48.2	0.0	0.0	10.8	0.4	5.1	1.0
192+73	RT	MBTO	AGG	-	1	4.9	0.2	11.0	1.1	0.3	0.8	0.0
194+06	LT	PE	HMA APP	14	17	31.2	0.0	0.0	7.0	0.2	3.3	1.0
194+18	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
195+00	RT	INT	HMA APP	26	30	116.5	0.0	0.0	26.2	0.4	12.2	1.0
195+72	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
195+82	LT	PE	HMA APP	12	17	27.5	0.0	0.0	6.2	0.2	2.9	1.0
197+23	LT	FE	HMA	32	1	3.7	0.0	0.0	0.8	0.3	0.3	5.0
197+66	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
201+91	RT	E 2360	HMA APP	25	21	88.1	0.0	0.0	19.8	0.4	9.3	1.0
204+41	LT	PE	HMA	12	17	27.5	0.0	0.0	6.2	0.2	2.9	1.0
204+53	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
205+52	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
206+09	LT	PE	HMA	25	1	7.6	0.0	0.0	1.7	0.4	0.8	1.0
206+17	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
207+23	RT	PE	HMA	12	2	7.5	0.0	0.0	1.7	0.2	0.8	1.0
207+58	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
210+80	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
212+72	LT	PE	HMA APP	12	17	27.5	0.0	0.0	6.2	0.2	2.9	1.0
212+82	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
214+26	LT	PE	HMA APP	13	17	29.4	0.0	0.0	6.6	0.2	3.1	1.0
214+26	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.7	0.0
215+76	LT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
220+09	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
TOTALS =				2,510.2	7.0	403.3	7.0	403.3	563.6	43.0	266.1	170.0

*AGGREGATE WEDGE SHOULDER, TYPE B ESTIMATED AT 5 TONS PER FIELD ENTRANCE AND 1 TON PER PRIVATE ENTRANCE, COMMERCIAL ENTRANCE AND INTERSECTION.

PAVEMENT MARKING SCHEDULE						
STATION TO STATION	LOCATION	DESCRIPTION	PAINT PAVEMENT MARKING			PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID
			LINE 4"	LINE 6"	LINE 12"	LINE 24"
			FOOT	FOOT	FOOT	FOOT
0+00 TO 224+00	EDGE LINE LT	WHITE, OMIT SIDE ROADS		22,376		
0+00 TO 224+00	EDGE LINE RT	WHITE, OMIT SIDE ROADS		22,285		
0+70	IL RTE 71 INT	WHITE - STOP BAR				12
0+08 TO 62+56	CENTERLINE	YELLOW - SKIP DASH	2,343			
62+56 TO 67+53	CENTERLINE	YELLOW - SKIP LT / SOLID RT	683			
67+53 TO 73+48	CENTERLINE	YELLOW - SKIP DASH	223			
73+48 TO 76+18	CENTERLINE	YELLOW - SOLID LT / SKIP RT	371			
76_18 TO 78+70	CENTERLINE	YELLOW - DOUBLE YELLOW	504			
78+70 TO 86+25	CENTERLINE	YELLOW - SKIP LT / SOLID RT	1,038			
86+25 TO 87+08	CENTERLINE	YELLOW - SKIP DASH	31			
87+08 TO 97+43	CENTERLINE	YELLOW - SOLID LT / SKIP RT	1,423			
97+43 TO 109+46	CENTERLINE	YELLOW - SKIP DASH	451			
109+46 TO 114+47	CENTERLINE	YELLOW - SKIP LT / SOLID RT	689			
114+47 TO 129+29	CENTERLINE	YELLOW - SKIP DASH	556			
129+29 TO 135+21	CENTERLINE	YELLOW - SOLID LT / SKIP RT	814			
135+21 TO 137+62	CENTERLINE	YELLOW - SKIP DASH	90			
137+62 TO 149+78	CENTERLINE	YELLOW - SKIP LT / SOLID RT	1,672			
149+78 TO 222+12	CENTERLINE	YELLOW - DOUBLE YELLOW	14,468			
222+12.00 TO 223+42.20	CH 15 INT	YELLOW - ISLAND STRIPING	260		14	
223+70	CH 15 INT	WHITE - STOP BAR				21
TOTAL =			25,616.0	44,661.0	14.0	33.0

SECTION

23-00405-01-WR

SCHEDULE OF QUANTITIES

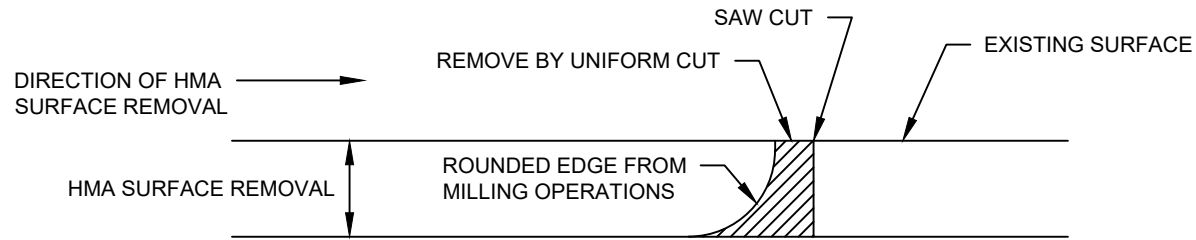
LASALLE COUNTY
HIGHWAY DEPARTMENT
1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350
PHONE (815) 434-0743 FAX (815) 434-0747



HWY. NO.
4

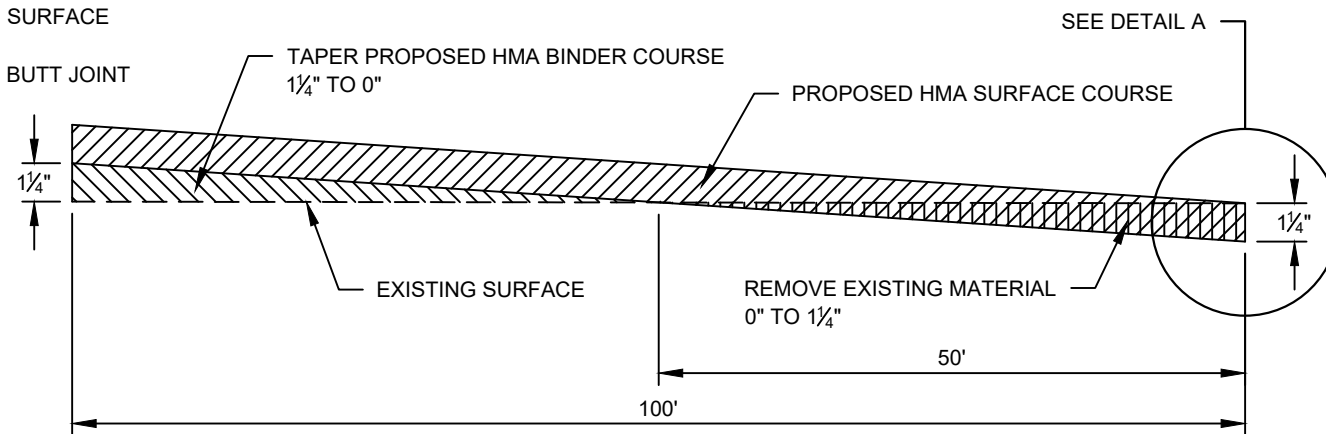
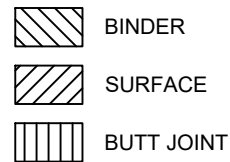
CONTRACT NO.
87878

SHEET NO.
8 of 10



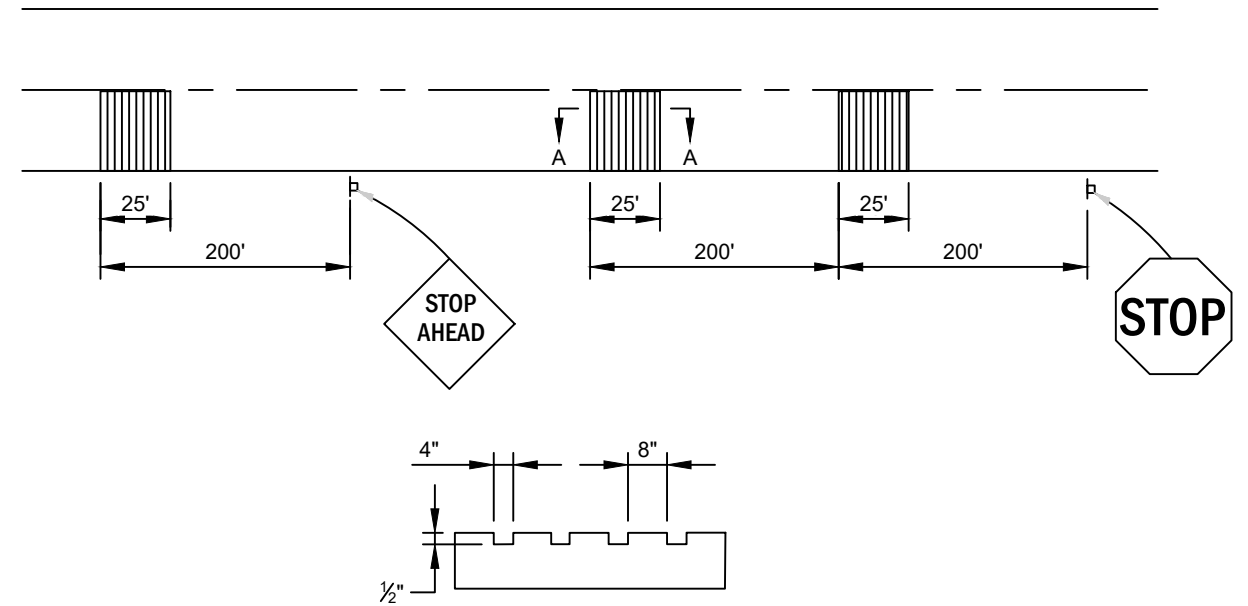
DETAIL A

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL. THE COST OF SAW CUTTING AND REMOVAL IS INCLUDED IN THE COST OF THE MILLING OPERATION.



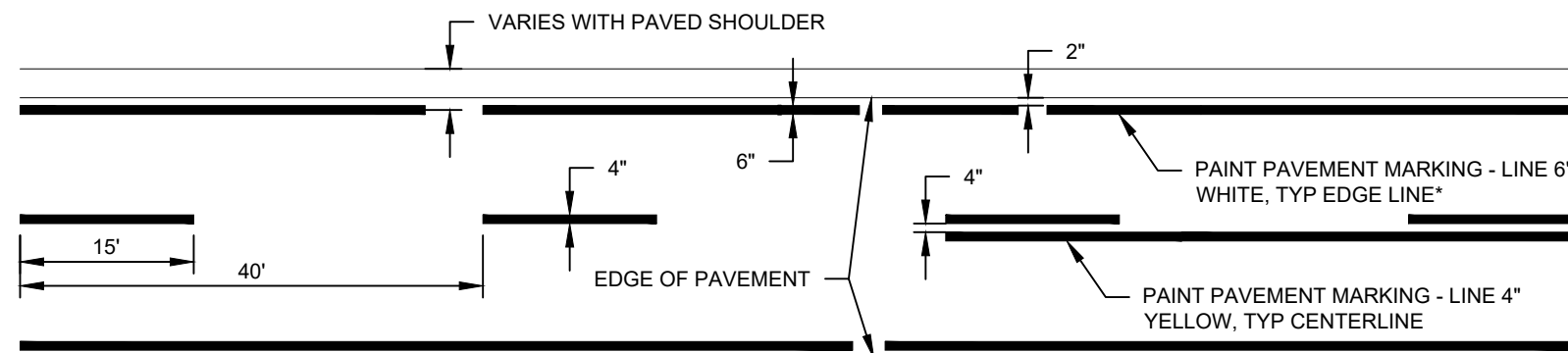
TYPICAL BUTT JOINT DETAIL

SEE HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SCHEDULE FOR LOCATIONS



SECTION A-A

TYPICAL GROOVED RUMBLE STRIP
APPLICATION IN ADVANCE OF AN INTERSECTION



PAVEMENT STRIPING DETAIL
LASALLE COUNTY

LASALLE COUNTY MAINTAINS A TWO GUN SYSTEM. PAINT OPERATION SHOULD REFLECT LASALLE COUNTY'S SYSTEM

SECTION

23-00405-01-WR

DETAILS

LASALLE COUNTY
HIGHWAY DEPARTMENT
1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350
PHONE (815) 434-0743 FAX (815) 434-0747



HWY. NO.

4

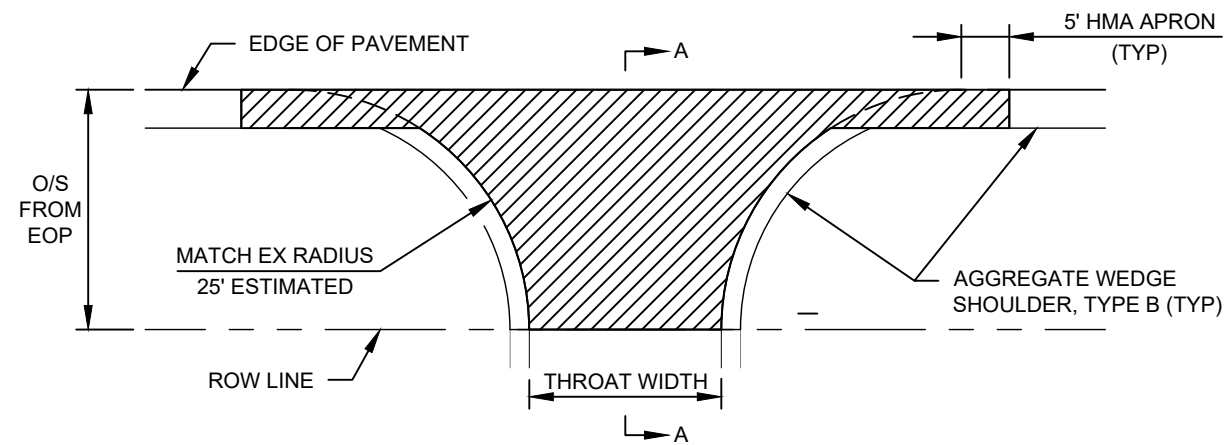
CONTRACT

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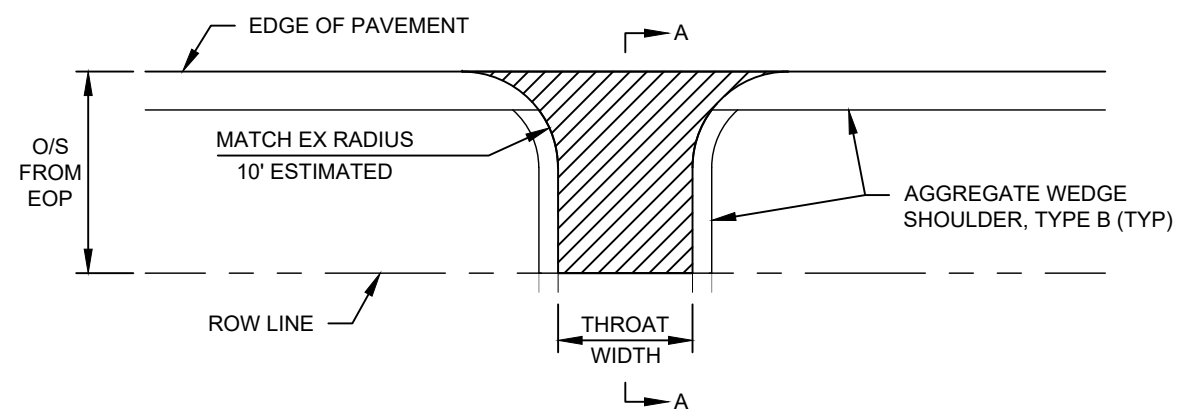
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SHEET NO.

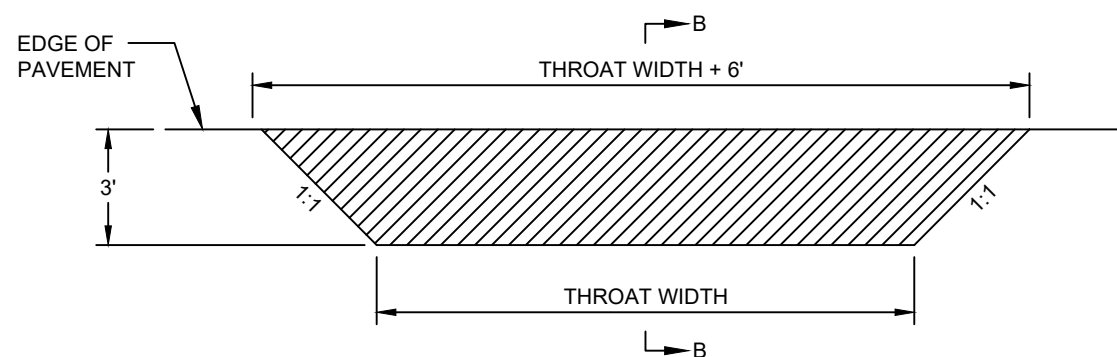
9 of 10



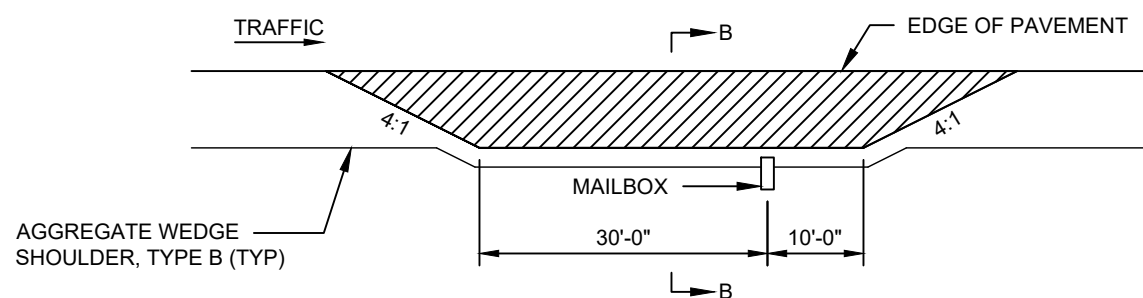
TYPICAL INTERSECTION



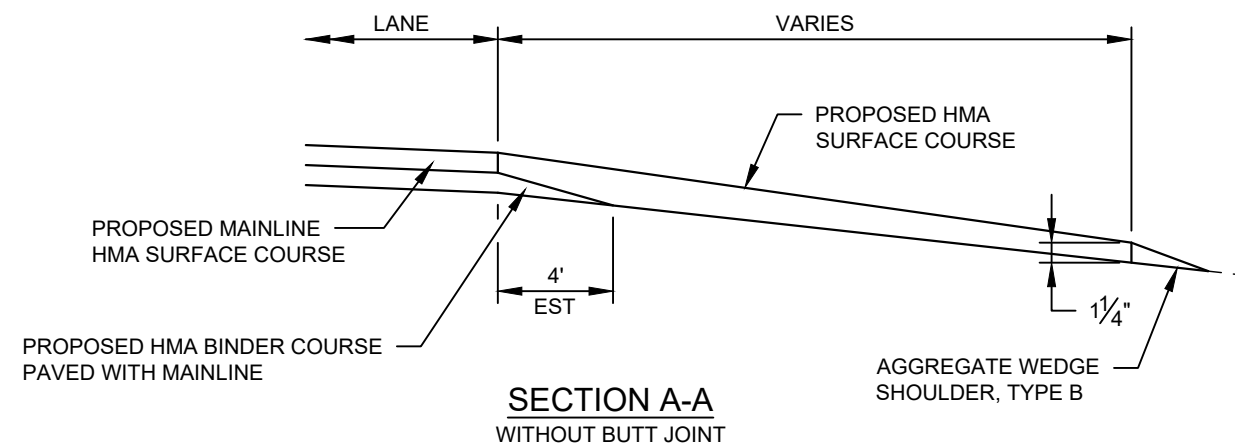
TYPICAL PRIVATE / COMMERCIAL ENTRANCE



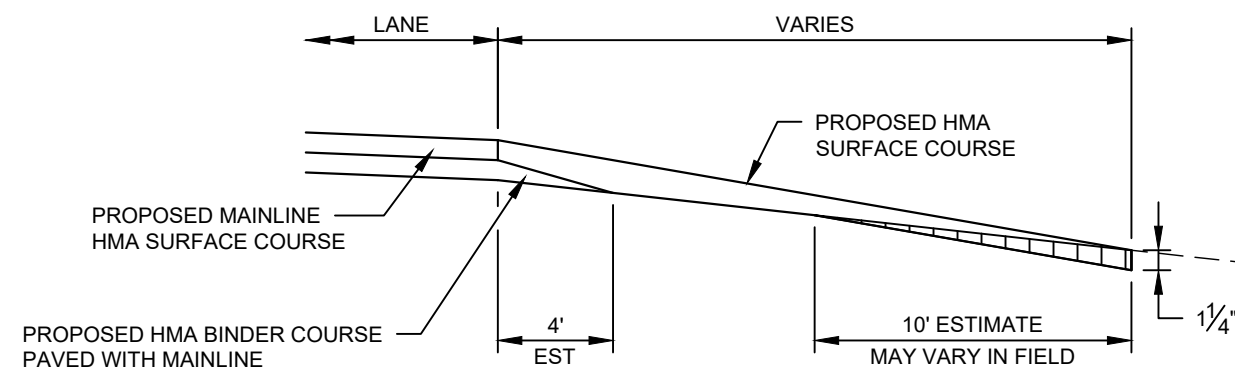
TYPICAL FIELD ENTRANCE



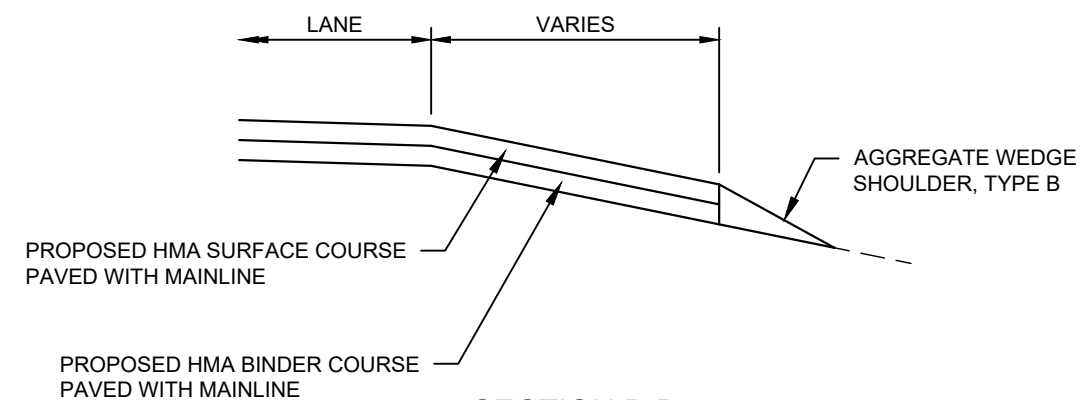
TYPICAL MAILBOX TURNOUT



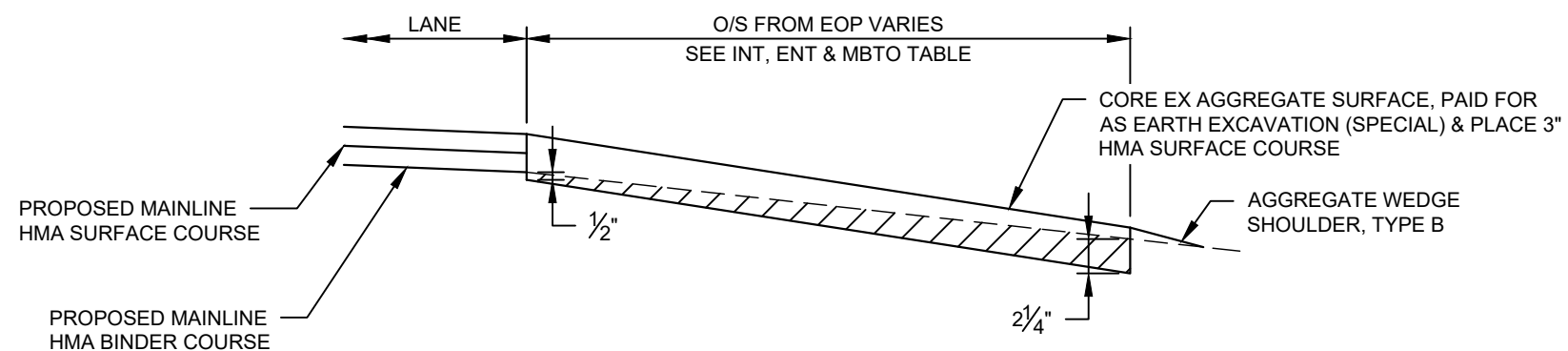
SECTION A-A
WITHOUT BUTT JOINT



SECTION A-A
WITH BUTT JOINT



SECTION B-B



SECTION WITH AGGREGATE SURFACE

SECTION	23-00405-01-WR
DETAILS	
LASALLE COUNTY HIGHWAY DEPARTMENT 1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350 PHONE (815) 434-0743 FAX (815) 434-0747	
HWY. NO.	4
CONTRACT NO.	87878
SHEET NO.	10 of 10

