

03-07-2025 LETTING ITEM 165

- | | |
|-----|------------------------|
| 1 | COVER |
| 2 | SUMMARY OF QUANTITIES |
| 3 | GENERAL NOTES |
| 4 | TYPICAL SECTIONS |
| 5-6 | SCHEDULE OF QUANTITIES |
| 7-9 | DETAILS |

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
STR & HSIP

HMA RESURFACING

F.A.U. 6024 & F.A.S. 1277 (COUNTY HIGHWAY 51)

SECTION 19-00383-00-WR
PROJECT NO. 7QPM(510)

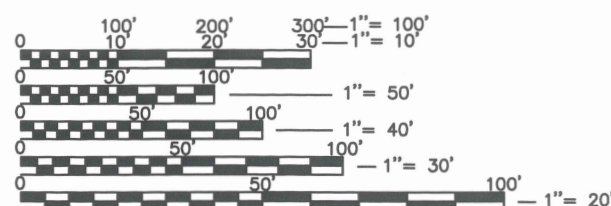
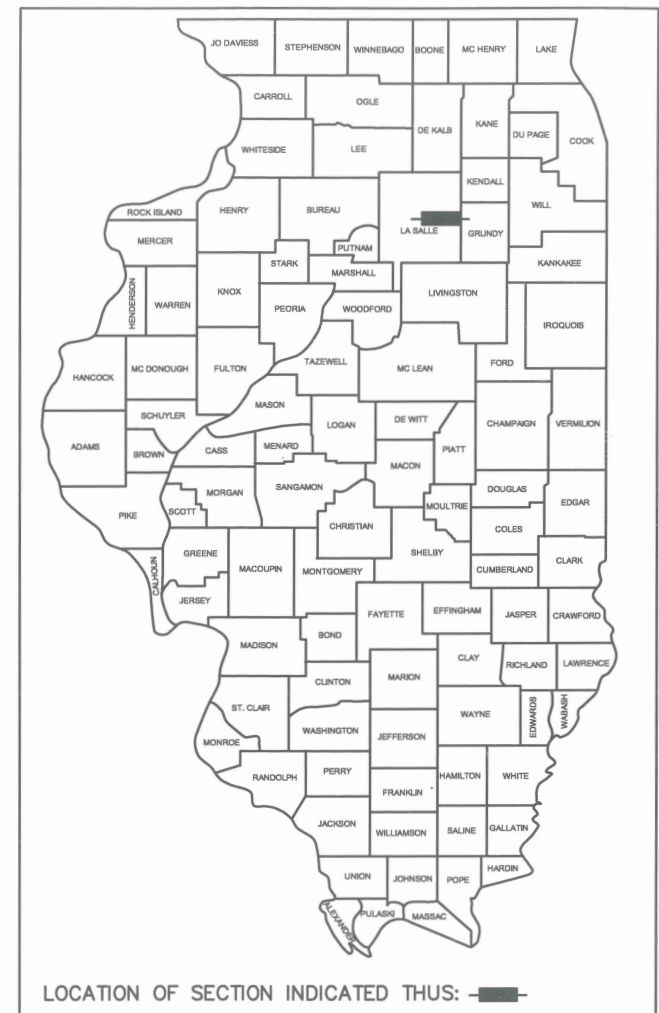
LASALLE COUNTY

C-93-015-25

FUNCTIONAL CLASS: MAJOR COLLECTOR (RURAL)
2024 ADT: 2,200
DESIGN SPEED: 50 MPH
3R GUIDELINES

STA 0+00 = EAST EOP ILLINOIS ROUTE 71

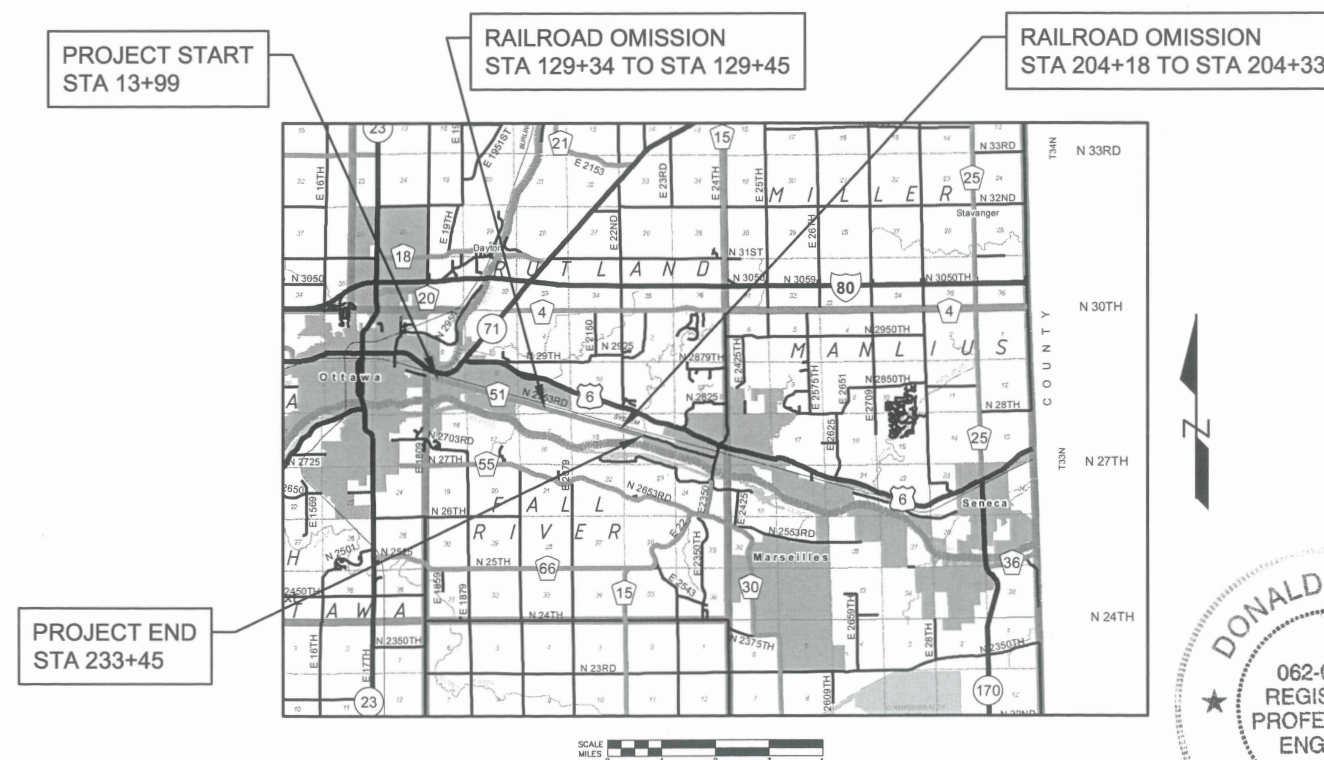
STA 233+45 = CENTERLINE OF CULVERT CROSSING WALBRIDGE CREEK



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.



CONTRACT NO. 87861



GROSS LENGTH = 21,946 FT = 4.156 MI
NET LENGTH = 21,920 FT = 4.152 MI



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 12/26/2024
[Signature]
LASALLE COUNTY ENGINEER

PASSED _____
January 3, 2025

DISTRICT 3 ENGINEER OF
LOCAL ROADS & STREETS

RELEASED FOR BID
BASED ON LIMITED
REVIEW

January 3, 2025

Mika Thompson
REGION 2 ENGINEER *ec*

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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	1,813	1,813
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	39	0	39
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39,808	6,467	46,275
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24,990	0	24,990
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,084	0	1,084
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	3,903	678	4,581
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	4,076	678	4,754
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	937	0	937
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	0	1,955	1,955
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	0	9,771	9,771
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	0	40,672	40,672
67100100	MOBILIZATION	L SUM	0.60	0.40	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	0	22,488	22,488
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	0	20,003	20,003
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	0	43,732	43,732
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS	SQ FT	0	245	245
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	0	116	116
* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	0	114	114
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	0	154	154
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	1	0	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.60	0.40	1

* SPECIALTY ITEM

SECTION

19-00383-00-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

LASALLE COUNTY
HIGHWAYS

PLEASE DRIVE SAFELY

HWY. NO.
51

CONTRACT NO.
87861

SHEET NO.
2 of 9

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
780001-05	TYPICAL PAVEMENT MARKINGS

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

19-00383-00-WR

GENERAL NOTES

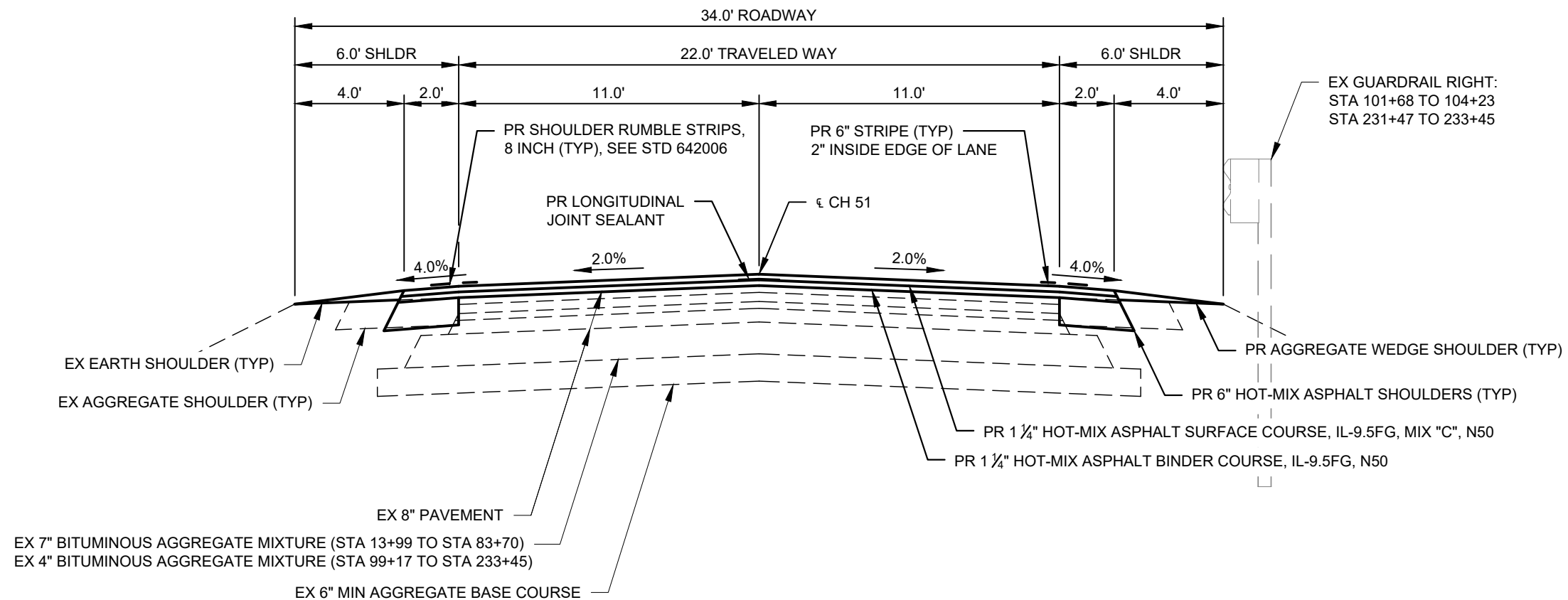
LASALLE COUNTY
HIGHWAY DEPARTMENT
1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350
PHONE (815) 434-0743 FAX (815) 434-0747



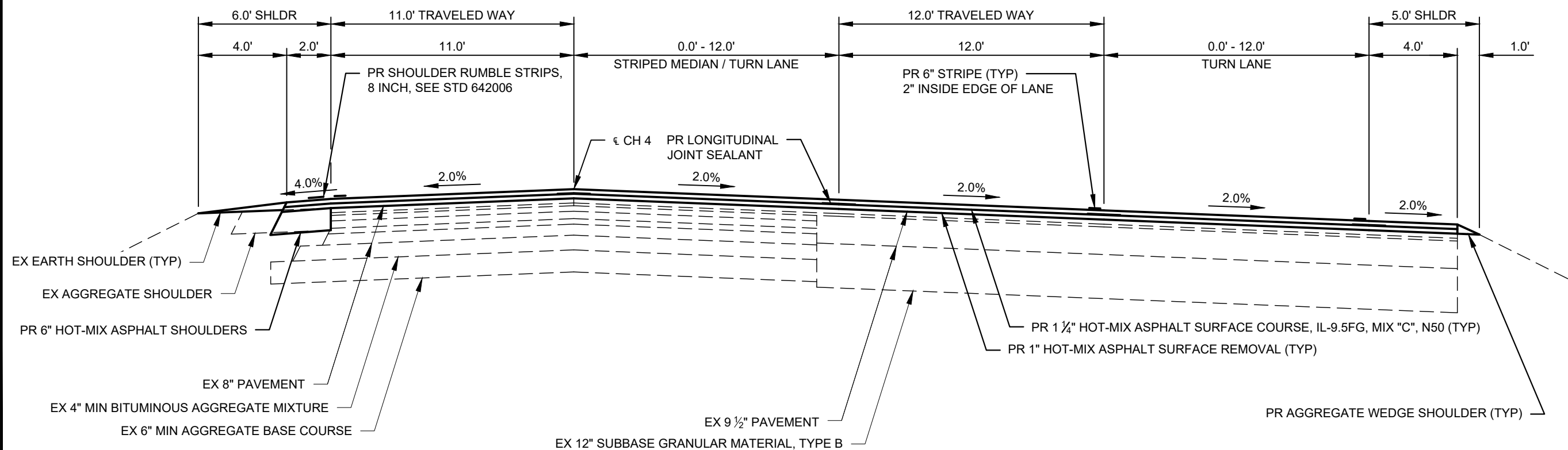
HWY. NO.
51

CONTRACT NO.
87861

SHEET NO.
3 of 9



TYPICAL SECTION
STA 13+99.00 TO STA 83+70.00
STA 99+17.00 TO STA 233+45.00



TYPICAL SECTION
STA 83+70.00 TO STA 99+17.00

SECTION

19-00383-00-WR

TYPICAL SECTIONS

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.
51

CONTRACT
NO.
87861

SHEET NO.
4 of 9

PAVEMENT SCHEDULE											
STATION TO STATION	SURFACE WIDTH	HMA SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	LENGTH	AREA (INCLUDES HMA SHLDR)	HMA SURFACE REMOVAL	BITUMINOUS MATERIALS (TACK COAT)	LONG JOINT SEALANT	HMA BINDER COURSE, IL-9.5FG, N50	HMA SC IL-9.5FG MIX "C", N50	AGGREGATE SHOULDERS, TYPE B
					*	1"	**		1.25"	1.25"	2.5"
	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	POUND	FOOT	TON	TON	TON
**** 12+62 INTER	22	2	4	314.0	1,546.9	936.9	696.1	314.0	0.0	108.3	32.2
14+49.00 TO 83+70.00	22	2	4	6,921.0	19,994.0	0.0	13,496.0	6,921.0	1,399.6	1,399.6	613.1
83+70.00 TO 99+17.00	23 & VARIES	2 LT 4 RT	4 LT 1 RT	1,547.0	5,983.4	0.0	4,038.8	4,641.0	418.8	418.8	85.6
99+17.00 TO 233+45.00	22	2	4	13,428.0	38,792.0	0.0	26,184.6	13,428.0	2,715.4	2,715.4	1,189.5
EXISTING PAVED SHOULDERS					288.3	0.0	129.7	0.0	20.2	20.2	0.0
*** INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS					1,937.1	0.0	435.4	0.0	26.8	199.8	67.0
TOTALS =					66,994.8	936.9	44,284.5	24,990.0	4,580.8	4,753.8	1,955.2

* INCLUDES AREA OF HMA SHOULDERS.
** 1 APPLICATION IN AREAS OF HMA SURFACE REMOVAL, 1"; 2 APPLICATIONS ELSEWHERE.
*** SEE SHEET 6 OF 9.
**** SEE SHEET 9 OF 9 FOR DETAIL OF INTERSECTION AT STA 12+62.

PAVEMENT MARKING SCHEDULE								
STATION TO STATION	LOCATION	DESCRIPTION	PAINT PAVEMENT MARKING		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID			
			LINE 4"	LINE 6"	LINE 6"	LINE 12"	LINE 24"	LTRS & SYMB
			FOOT	FOOT			FOOT	SQ FT
13+99 TO 233+45	EDGE LINE LT	WHITE, OMIT SIDE ROADS		21,946.0				
13+99 TO 233+45	EDGE LINE RT	WHITE, OMIT SIDE ROADS		21,786.0				
12+62	N 2753RD RD INT	WHITE - 2 STOP BARS					22.0	
13+99 TO 78+20	CENTERLINE	YELLOW - SKIP DASH	2,408.0					
78+20 TO 83+70	CENTERLINE	YELLOW - SKIP LT / SOLID RT	756.0					
83+70 TO 99+17	CENTERLINE	YELLOW - DOUBLE SOLID	3,094.0					
99+17 TO 104+10	CENTERLINE	YELLOW - SOLID LT / SKIP RT	678.0					
104+10 TO 121+78	CENTERLINE	YELLOW - SKIP DASH	663.0					
121+78 TO 128+96	CENTERLINE	YELLOW - SKIP LT / SOLID RT	987.0					
128+96 TO 130+57	CENTERLINE	YELLOW - DOUBLE SOLID	322.0					
130+57 TO 137+20	CENTERLINE	YELLOW - SOLID LT / SKIP RT	912.0					
137+20 TO 196+81	CENTERLINE	YELLOW - SKIP DASH	2,235.0					
196+81 TO 204+00	CENTERLINE	YELLOW - SKIP LT / SOLID RT	989.0					
204+00 TO 212+30	CENTERLINE	YELLOW - SOLID LT / SKIP RT	1,141.0					
212+30 TO 233+45	CENTERLINE	YELLOW - SKIP DASH	793.0					
83+70 TO 99+17	ISLAND	YELLOW - DOUBLE YELLOW	3,094.0					
83+70 TO 99+17	ISLAND	YELLOW - ISLAND STRIPING	384.0					
83+70 TO 99+17	TURN LANES	WHITE	1,547.0					
88+30	CROSS WALK	WHITE - CROSS WALK			116.0	114.0		
122+36 RT	RR X-ING	WHITE - RR SYMBOL					22.0	61.2
129+04 RT	RR X-ING	WHITE - STOP BAR					11.0	
129+61 LT	RR X-ING	WHITE - STOP BAR					11.0	
136+76 LT	RR X-ING	WHITE - RR SYMBOL					22.0	61.2
197+23 RT	RR X-ING	WHITE - RR SYMBOL					22.0	61.2
203+93 RT	RR X-ING	WHITE - STOP BAR					11.0	
204+70 LT	RR X-ING	WHITE - STOP BAR					11.0	
211+62 LT	RR X-ING	WHITE - RR SYMBOL					22.0	61.2
TOTAL =			20,003.0	43,732.0	116.0	114.0	154.0	244.8

EXISTING PAVED SHOULDERS			
STATION TO STATION	SIDE	WIDTH	AREA
		FOOT	SQ YD
181+75 TO 185+73	LT	2	88.4
20+70 TO 24+60	RT	5	216.7
41+62 TO 42+54	RT	7	71.6
TOTAL =			288.3

HMA SURFACE REMOVAL - BUTT JOINT			
STATION	SIDE	TYPE	AREA
			SQ YD
15+60	RT	CE	66.7
25+65	RT	PE	21.1
29+90	RT	PE	38.9
30+69	RT	PE	28.9
31+35	RT	PE	21.1
32+25	RT	PE	14.4
32+74	RT	PE	22.2
38+39	RT	PE	17.8
38+90	RT	PE	25.6
43+77	RT	PE	55.6
46+10	RT	PE	22.2
46+73	RT	PE	23.3
47+51	RT	PE	24.4
50+83	RT	PE	16.7
51+53	RT	CE	77.8
56+46	RT	PE	16.7
57+67	RT	PE	15.6
58+62	RT	PE	21.1
61+95	RT	CE	50.0
76+59	RT	CE	33.3
89+09	RT	HARBOR RD	111.1
99+29	RT	PE	20.0
100+86	RT	PE	13.3
101+91	RT	PE	23.3
128+13	RT	PE	12.2
128+86	RT	PE	13.3
129+17	RT	CE	38.9
152+80	RT	PE	20.0
184+89	RT	CE	38.9
189+12	RT	CE	33.3
233+45	CL	END	146.7
TOTAL =			1,084.4

SHORT TERM PAVEMENT MARKING		
STATION TO STATION	CENTERLINE	STOP BAR
	SKIP DASH - YELLOW - 4"	SOLID - WHITE - 4"
	4 APPLICATIONS	
	FOOT	
13+99 TO 233+45	21,960	528
TOTAL =	22,488	

SECTION

19-00383-00-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

LASALLE COUNTY

HIGHWAYS

PLEASE DRIVE SAFELY

HWY. NO.
51

CONTRACT NO.
87861

SHEET NO.
5 of 9

INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS (1/2)												
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 SHLDRS
				FOOT	FOOT	SQ YD	CU YD	POUND	POUND	TON	TON	TON
15+60	RT	CE	HMA	60	10	71.5	0.0	0.0	16.1	0.9	0.8	1.0
16+93	RT	PE	HMA APP	28	10	35.9	0.0	0.0	8.1	0.4	2.7	1.0
19+80	RT	PE	HMA APP	30	10	38.1	0.0	0.0	8.6	0.5	0.3	1.0
25+65	RT	PE	HMA	19	10	25.9	0.0	0.0	5.8	0.3	4.1	1.0
25+80	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.7	0.0
28+46	RT	PE	HMA	18	10	24.8	0.0	0.0	5.6	0.3	0.1	1.0
29+90	RT	PE	HMA	35	10	43.7	0.0	0.0	9.8	0.5	2.7	1.0
30+69	RT	PE	HMA	26	10	33.7	0.0	0.0	7.6	0.4	0.1	1.0
31+05	RT	MBTO	HMA	-	2	10.7	0	0	2.4	0.7	7.5	0.0
31+35	RT	PE	HMA	19	10	25.9	0.0	0.0	5.8	0.3	7.9	1.0
32+25	RT	PE	HMA	13	10	19.2	0.0	0.0	4.3	0.2	0.3	1.0
32+45	RT	MBTO	AGG	-	1	4.9	0.2	11.0	1.1	0.3	0.3	0.0
32+74	RT	PE	HMA	20	10	27.0	0.0	0.0	6.1	0.3	0.3	1.0
36+40	RT	PE	HMA APP	25	10	32.6	0.0	0.0	7.3	0.4	4.3	1.0
36+43	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	2.9	0.0
37+17	RT	PE	HMA APP	23	10	30.4	0	0.0	6.8	0.4	2.5	1.0
37+31	RT	MBTO	AGG	-	1	4.9	0.2	11.0	1.1	0.3	0.3	0.0
38+39	RT	PE	HMA	16	10	22.6	0.0	0.0	5.1	0.2	0.1	1.0
38+57	RT	MBTO	HMA	-	3	17.3	0.0	0.0	3.9	1.2	8.3	0.0
38+90	RT	PE	HMA	23	10	30.4	0.0	0.0	6.8	0.4	7.1	1.0
39+62	RT	FE	HMA APP	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
40+66	RT	PE	HMA APP	17	10	23.7	0.0	0.0	5.3	0.3	3.5	1.0
40+77	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	3.3	0.0
43+77	RT	PE	HMA	50	7	43.7	0.0	0.0	9.8	0.8	6.7	1.0
46+10	RT	PE	HMA	20	10	27.0	0.0	0.0	6.1	0.3	7.1	1.0
46+26	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.1	0.0
46+73	RT	PE	HMA	21	10	28.1	0.0	0.0	6.3	0.3	0.1	1.0
47+51	RT	PE	HMA	22	2	9.7	0.0	0.0	2.2	0.3	2.7	1.0
47+68	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.3	0.0
49+17	RT	PE	HMA APP	28	10	35.9	0.0	0.0	8.1	0.4	0.1	1.0
49+34	RT	MBTO	HMA	-	2	10.7	0.0	0.0	2.4	0.7	0.3	0.0
50+83	RT	PE	HMA	15	10	21.5	0.0	0.0	4.8	0.2	4.3	1.0
51+53	RT	CE	HMA	70	20	160.4	0.0	0.0	36.1	1.1	0.3	1.0
54+06	RT	FE	HMA APP	32	1	3.7	0.0	0.0	0.8	0.3	0.1	5.0
56+46	RT	PE	HMA	15	10	21.5	0.0	0.0	4.8	0.2	0.1	1.0
56+59	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.1	0.0
57+67	RT	PE	HMA	14	10	20.4	0.0	0.0	4.6	0.2	0.1	1.0
58+42	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	3.1	0.0
58+62	RT	PE	HMA	19	10	25.9	0.0	0.0	5.8	0.3	0.3	1.0
61+95	RT	CE	HMA	45	28	144.8	0.0	0.0	32.6	0.7	2.9	1.0
72+72	RT	PE	HMA APP	24	10	31.5	0.0	0.0	7.1	0.4	8.1	1.0
76+59	RT	CE	HMA	30	10	38.1	0.0	0.0	8.6	0.5	7.1	1.0
89+09	RT	** INT	HMA	160	10	207.6	0.0	0.0	46.7	2.5	21.8	1.0
98+29	RT	PE	HMA APP	16	10	22.6	0.0	0.0	5.1	0.2	2.4	1.0
99+29	RT	PE	HMA	18	10	24.8	0.0	0.0	5.6	0.3	3.9	1.0
100+86	RT	PE	HMA	12	10	18.1	0.0	0.0	4.1	0.2	0.1	1.0
101+71	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	8.1	0.0
101+91	RT	PE	HMA	21	10	28.1	0.0	0.0	6.3	0.3	8.1	1.0

INTERSECTIONS, ENTRANCES, & MAILBOX TURNOUTS (2/2)												
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
114+71	RT	FE	HMA APP	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
125+01	RT	FE	HMA APP	32	1	3.7	0.0	0.0	0.8	0.3	0.3	5.0
126+71	RT	FE	HMA APP	32	1	3.7	0.0	0.0	0.8	0.3	0.3	5.0
128+13	RT	PE	HMA	11	10	17.0	0.0	0.0	3.8	0.2	1.8	1.0
128+35	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
128+86	RT	PE	HMA	12	10	18.1	0.0	0.0	4.1	0.2	1.9	1.0
129+17	RT	CE	HMA	35	22	90.4	0.0	0.0	20.3	0.5	9.5	1.0
129+83	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
152+80	RT	PE	HMA	18	10	24.8	0.0	0.0	5.6	0.3	2.6	1.0
156+28	RT	MBTO	HMA	-	1	4.9	0.0	0.0	1.1	0.3	0.3	0.0
156+50	RT	PE	HMA APP	21	10	28.1	0.0	0.0	6.3	0.3	3.0	1.0
166+04	RT	PE	HMA APP	35	10	43.7	0.0	0.0	9.8	0.5	4.6	1.0
184+89	RT	CE	HMA	35	28	113.7	0.0	0.0	25.6	0.5	11.9	1.0
189+12	RT	CE	HMA	30	20	71.5	0.0	0.0	16.1	0.5	7.5	1.0
204+78	RT	FE	AGG	48	1	5.4	0.2	12.2	1.2	0.4	0.9	5.0
212+09	RT	FE	HMA	16	1	1.9	0.0	0.0	0.4	0.1	0.1	5.0
229+63	RT	FE	HMA	48	1	5.4	0.0	0.0	1.2	0.4	0.4	5.0
231+63	RT	FE	AGG	16	1	1.9	0.1	4.3	0.4	0.1	0.3	5.0
TOTALS =						1,937.1	0.7	38.5	435.4	26.8	199.8	67.0

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

** HARBOR ROAD - ENTRANCE TO HERITAGE HARBOR

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
13+99.00 TO 181+75.00	LT	2	16,760.0	763.5	4,115.5	838.0	16,760.0
181+75.00 TO 185+73.00	LT	2	398.0	EXISTING PAVED SHOULDER			398.0
185+73.00 TO 233+45.00	LT	2	4,756.0	216.7	1,167.9	237.8	4,756.0
11+99.00 TO 20+70.00	RT	2	753.0	34.3	184.9	37.7	753.0
20+70.00 TO 24+60.00	RT	5	390.0	EXISTING PAVED SHOULDER			390.0
24+60.00 TO 41+62.00	RT	2	1,168.0	53.2	286.8	58.4	1,168.0
41+62.00 TO 42+54.00	RT		92.0	EXISTING PAVED SHOULDER			92.0
42+62.00 TO 83+70.00	RT	2	3,503.0	159.6	860.2	175.2	3,503.0
99+17.00 TO 233+45.00	RT	2	12852.0	585.5	3,155.9	642.6	12,852.0
TOTALS =				1,812.8	9,771.2	1,989.7	40,672.0

* LENGTH OMITS INTERSECTIONS, ENTRANCES & MAILBOX TURNOUTS.

** 1 APPLICATION OF TACK COAT

SECTION

19-00383-00-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
PLEASE DRIVE SLOWLY

HWY. NO.

51

CONTRACT NO.

87861

SHEET NO.

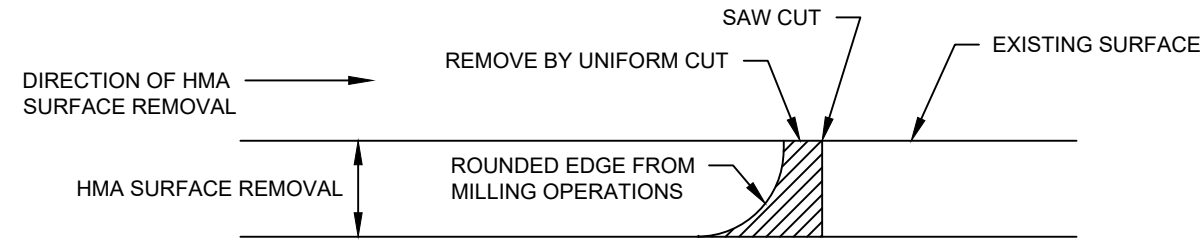
6 of 9

SECTION

19-00383-00-WR

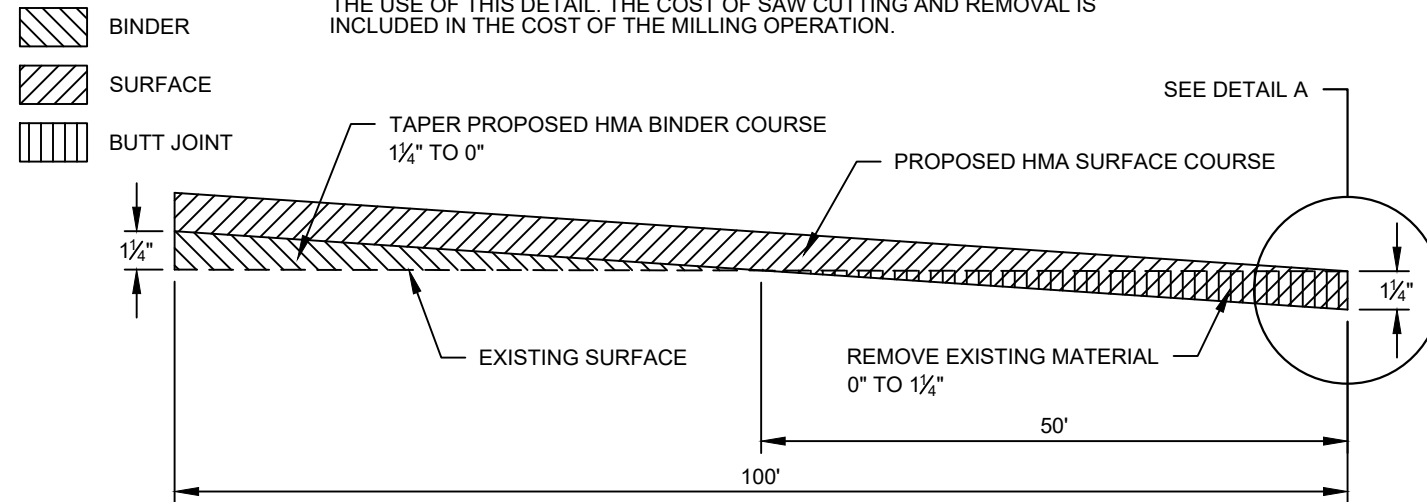
SCHEDULE OF QUANTITIES

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



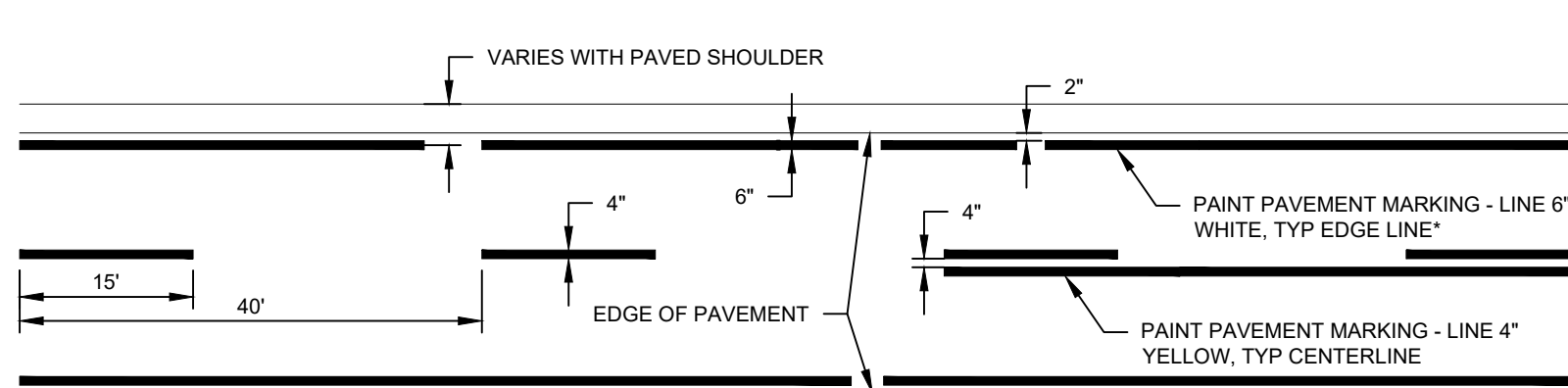
DETAIL A

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.



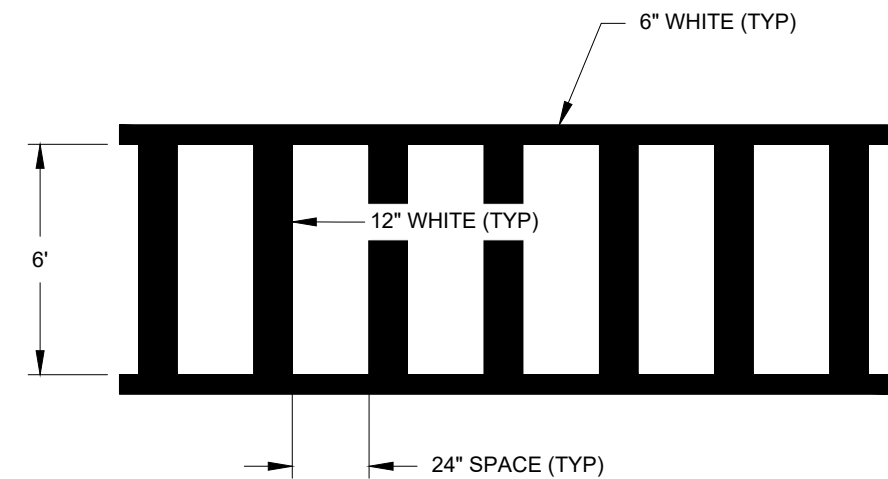
TYPICAL BUTT JOINT DETAIL

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



**PAVEMENT STRIPING DETAIL
LASALLE COUNTY**

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



**TYPICAL SPACING DETAIL
FOR CROSSWALKS**

SECTION

19-00383-00-WR

DETAILS

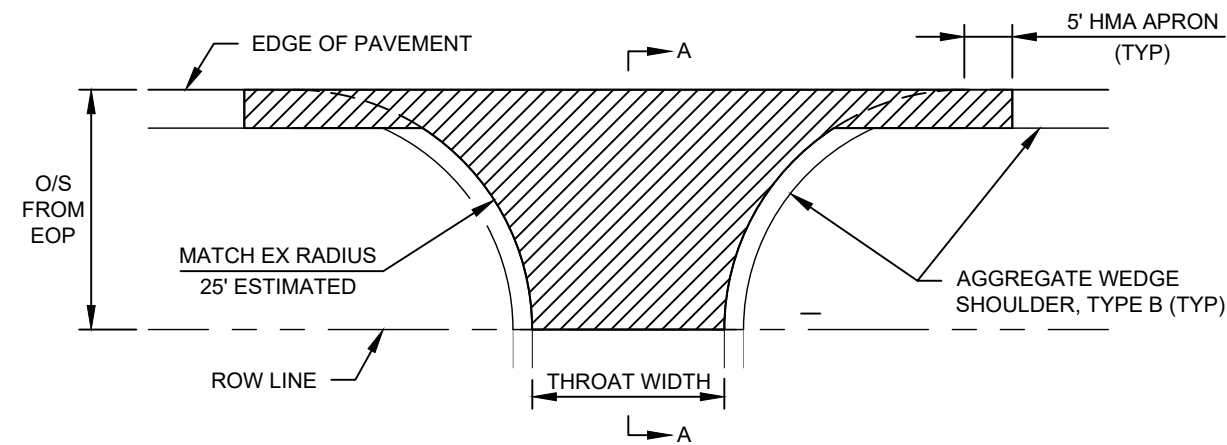
LASALLE COUNTY
HIGHWAY DEPARTMENT
1400 N. 27TH ROAD - P.O. BOX 128 - OTTAWA, ILLINOIS 61350
PHONE (815) 434-0743 FAX (815) 434-0747



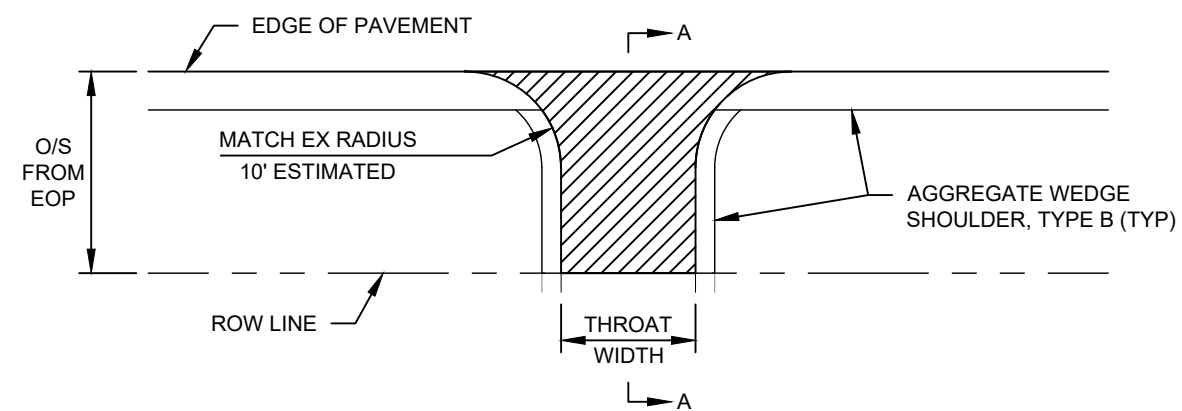
HWY. NO.
51

CONTRACT NO.
87861

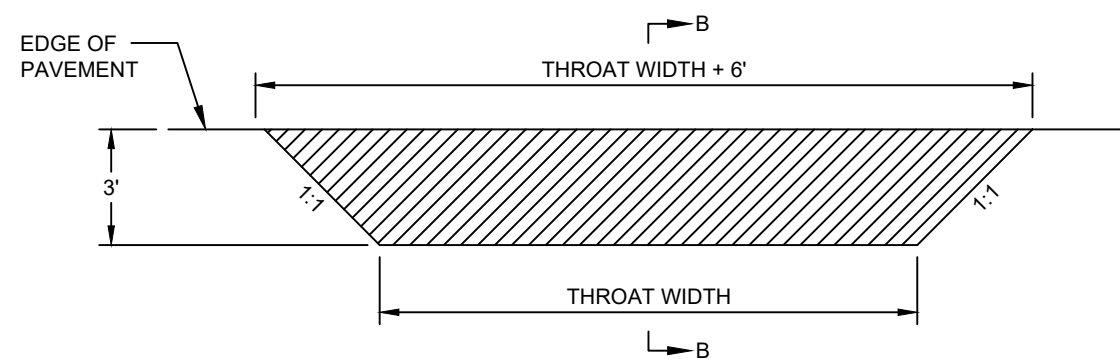
SHEET NO.
7 of 9



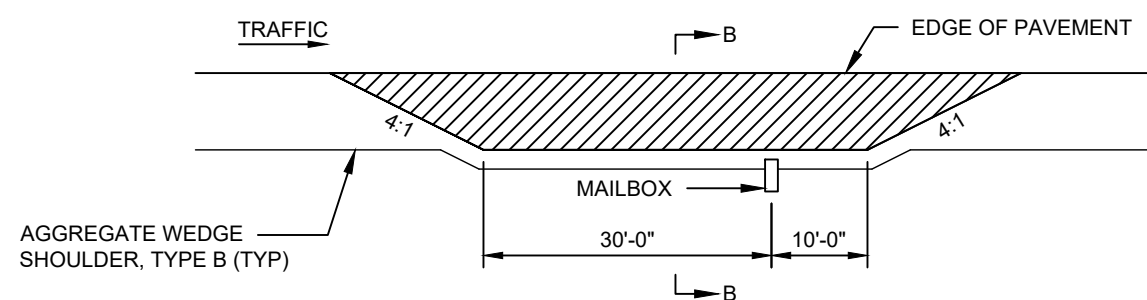
TYPICAL INTERSECTION



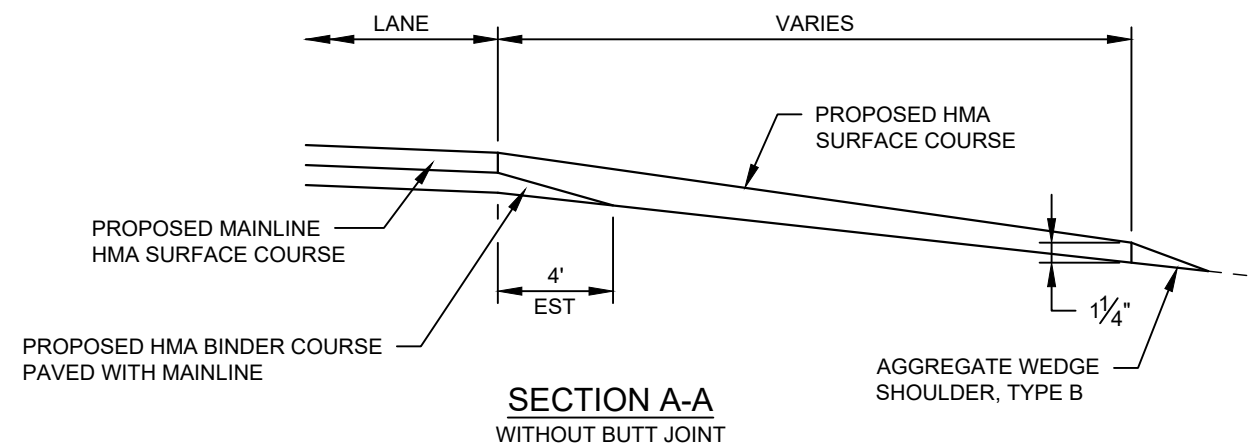
TYPICAL PRIVATE / COMMERCIAL ENTRANCE



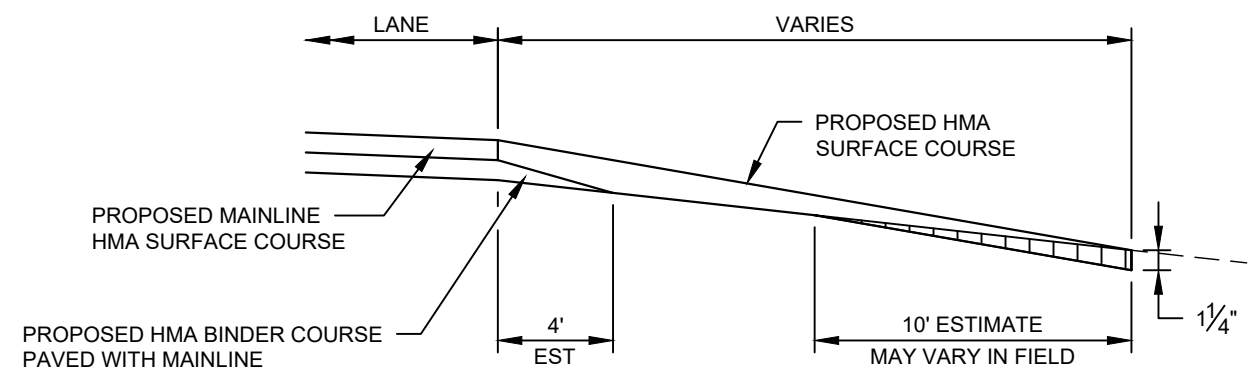
TYPICAL FIELD ENTRANCE



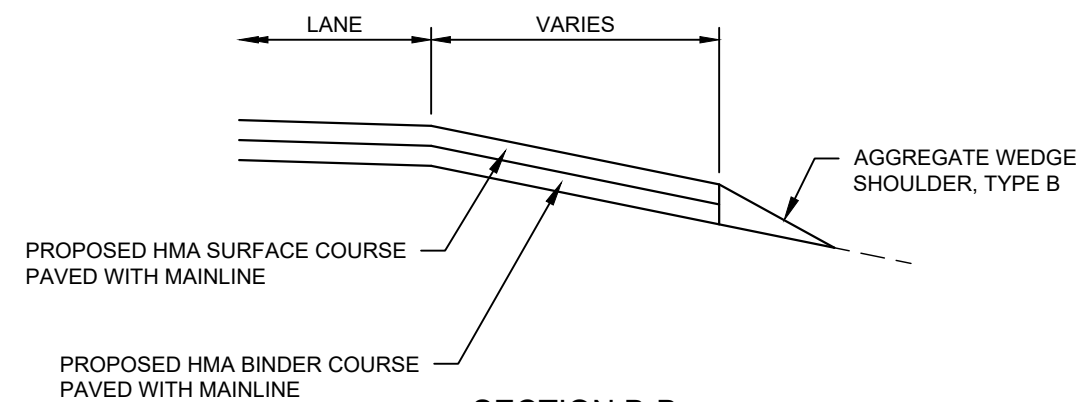
TYPICAL MAILBOX TURNOUT



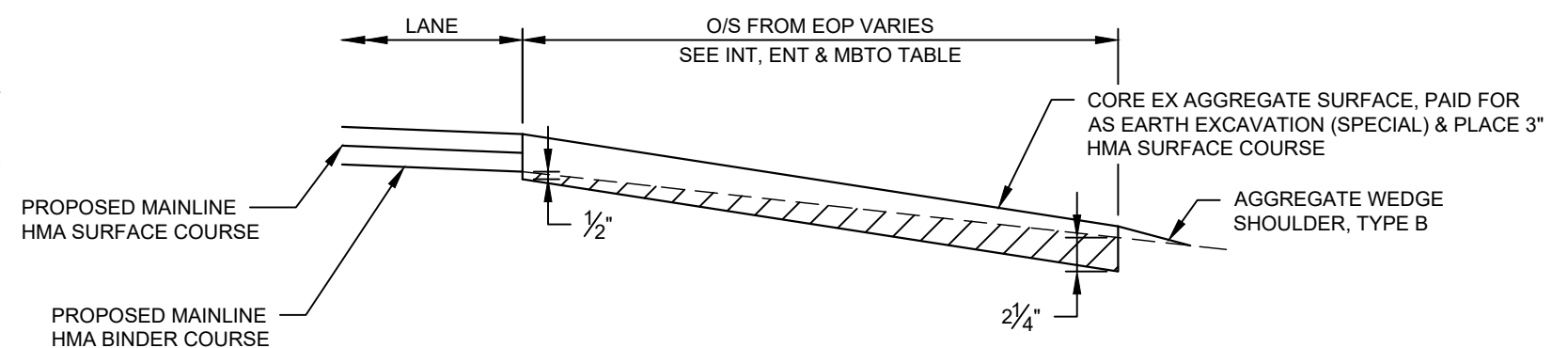
SECTION A-A
WITHOUT BUTT JOINT



SECTION A-A
WITH BUTT JOINT



SECTION B-B



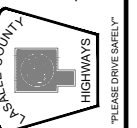
SECTION WITH AGGREGATE SURFACE

SECTION

19-00383-00-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.

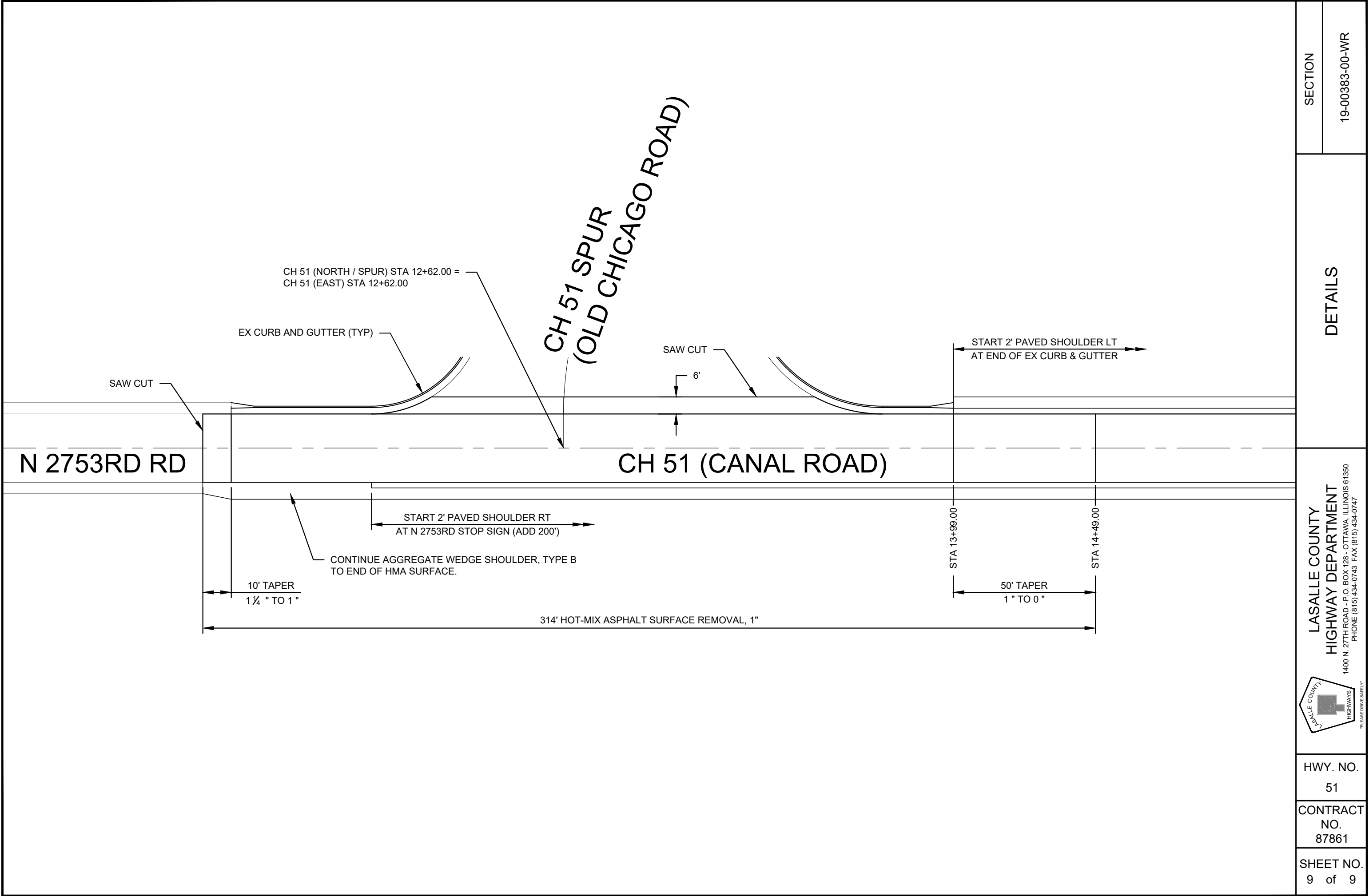
51

CONTRACT NO.

87861

SHEET NO.

8 of 9



SECTION	
19-00383-00-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 LASALLE COUNTY HIGHWAYS PLEASE DRIVE SAFELY	
HWY. NO.	51
CONTRACT NO.	87861
SHEET NO.	9 of 9