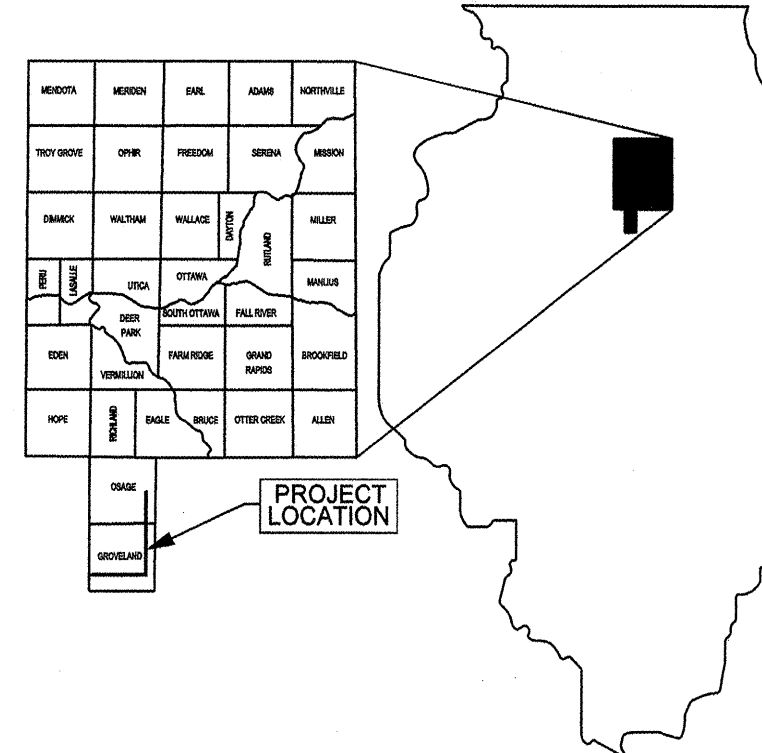


COUNTY	SECTION	F.A.S. RTE. HWY. NO.	SHEET NO.
LASALLE	08-00323-00-RS	170 C.H. 44	1 OF 6

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BUREAU OF LOCAL ROADS AND STREETS
LASALLE COUNTY**

**PLANS FOR PROPOSED
COUNTY PROJECT**

F.A.S. 170 (C.H. 44)
SECTION 08-00323-00-RS
PROJECT NO. RS-170 (101) JOB NO. C-93-059-08



INDEX OF SHEETS

1. COVER SHEET
2. TYPICAL SECTIONS & GENERAL NOTES
3. TYPICAL SECTIONS
4. SUMMARY OF QUANTITIES & QUANTITY SCHEDULES
5. QUANTITY SCHEDULES
6. DETAILS

HIGHWAY STANDARDS

701306-01	TRAFFIC CONTROL AND PROTECTION
701311-02	TRAFFIC CONTROL AND PROTECTION
701901	TRAFFIC CONTROL DEVICES
78001-01	TYPICAL PAVEMENT MARKINGS
B.L.R. 24-1	MAILBOX TURNOUT FOR LOCAL ROADS

BLR 23-2
BLR 26

A.D.T. (2006)

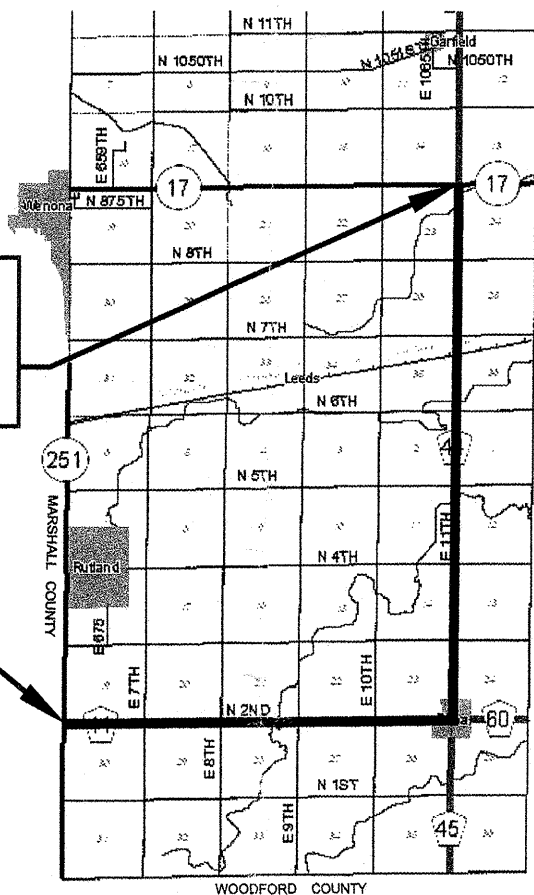
N. 2nd ROAD = 400
E. 11th ROAD = 450

PREVIOUS SECTIONS

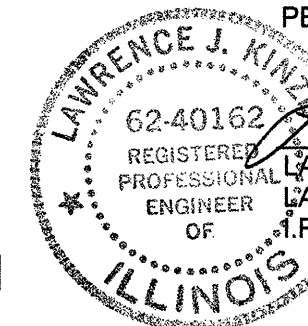
<u>N. 2nd ROAD</u>	<u>E. 11th ROAD</u>
107W&RS (1970)	(1)W&RS (1986)
107RS-1 (1994)	98-00282-00-RS

**PROJECT BEGINS
STA. 10+45
45' EAST OF
IL. RTE. 251 E.O.P.**

**PROJECT ENDS
STA. 647+82
48' SOUTH OF
IL. RTE. 17 E.O.P.**



THESE PLANS WERE PREPARED BY A FULL-TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.



Lawrence J. Kinzer 3-3-2008
DATE
LAWRENCE J. KINZER
REGISTERED PROFESSIONAL ENGINEER OF LASALLE COUNTY ENGINEER
I.R.P.E. NO. 62-40162 EXP. 11/30/09

NOT TO SCALE

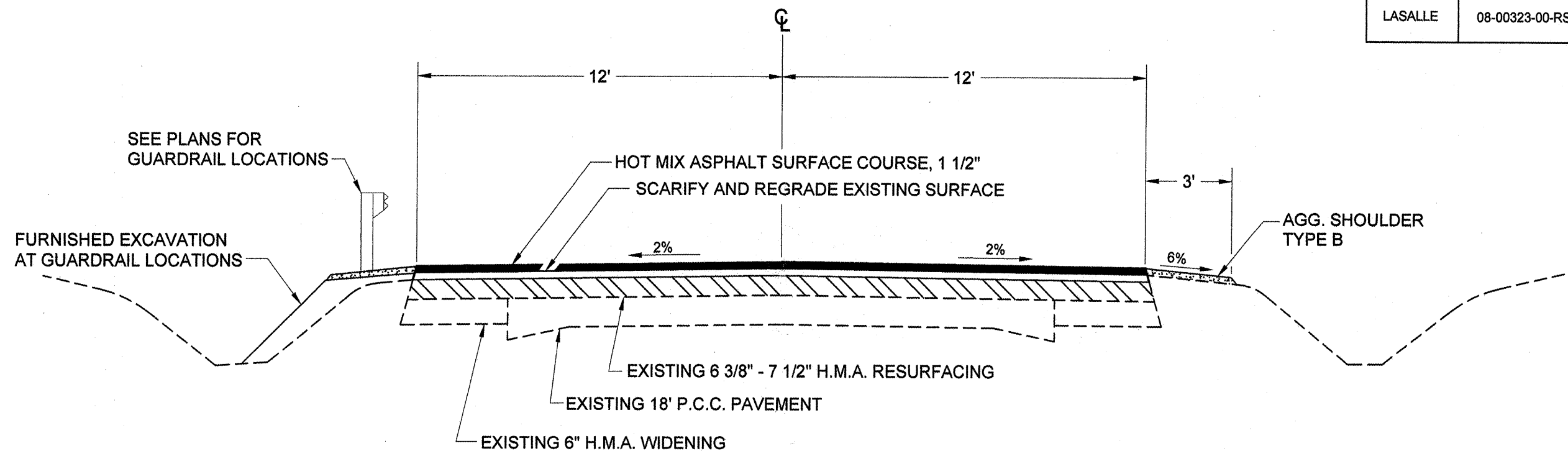
THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR A FEDERAL-AID 3-R LAPP PROJECT.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
PASSED:	<u>03-06</u> 20 <u>08</u>
<i>Bernard L. Ly</i> DISTRICT ENGINEER OF LOCAL ROADS AND STREETS	
APPROVED:	<u>03-06</u> 20 <u>08</u>
<i>George F. Ryan</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER	

CALL JULIE TOLL FREE
CALL JULIE
48 Hours Before You Dig
1 - 800 - 892 - 0123

GROSS LENGTH = NET LENGTH = 63,737 FT. = 12.071 MI.

COUNTY	SECTION	HWY. NO.	SHEET NO.
LASALLE	08-00323-00-RS	C.H. 44	2 OF 6



TYPICAL SECTION #1
 STA. 10+45 TO STA. 272+82
 STA. 277+34 TO STA. 290+16
 (STA. 290+16 IS THE NORTH CITY LIMIT OF DANA)

MIXTURE REQUIREMENTS	
SECTION 08-00323-00-RS	
MIXTURE USE	HMA SURFACE CSE.
PG:	PG 64-22
DESIGN AIR VOIDS:	4% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIXTURE C

GENERAL NOTES

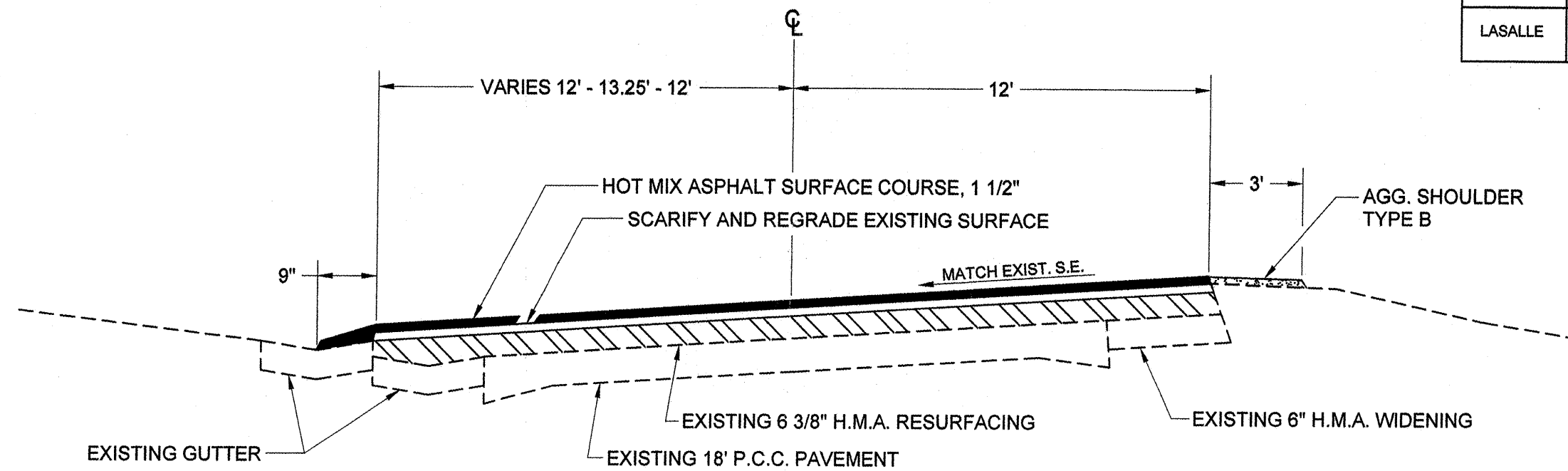
THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE BITUMINOUS 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 BE REQUIRED TO SAW CUT THE BITUMINOUS SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE.

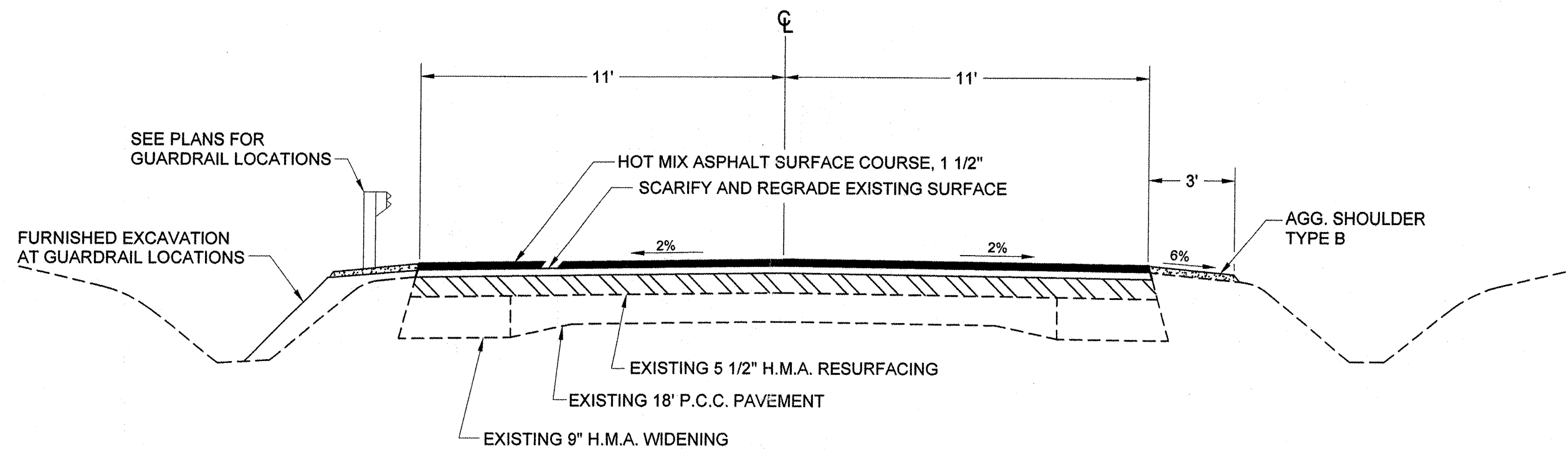
ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.	
GRANULAR MATERIALS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGREGATE PRIME COAT	0.002 TONS/SQ YD
HOT MIX ASPHALT BINDER AND SURFACE COURSE	112 LBS/SQ YD/INCH
ASPHALT MODIFIER	0.20 GAL/SQ YD
SHORT-TERM PAVEMENT MARKING	4 FT/40 FT EACH APPLICATION

COUNTY	SECTION	HWY. NO.	SHEET NO.
LASALLE	08-00323-00-RS	C.H. 44	3 OF 6



TYPICAL SECTION #2
 STA. 272+82 TO STA. 277+34



TYPICAL SECTION #3
 STA. 290+16 TO STA. 647+82

COUNTY	SECTION	HWY. NO.	SHEET NO.
LASALLE	08-00323-00-RS	44	4 of 6

SUMMARY OF QUANTITIES				1000	
Item No.	Items	Unit	Quantity		
x 20400800	FURNISHED EXCAVATION	CU YD	1788		
x 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.407		
x 25100630	EROSION CONTROL BLANKET	SQ YD	1970		
	28000400 PERIMETER EROSION BARRIER	FOOT	2236		
x 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	16782		
x 40600105	BITUMINOUS MATERIALS (PRIME COAT) SPECIAL	GALLON	125		
	40600300 AGGREGATE (PRIME COAT)	TON	336		
	40600982 HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	1468		
	40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	13709		
	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACE	TON	389		
	44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	487		
x 48101200	AGGREGATE SHOULDERS, TYPE B	TON	5314		
* 63300905	VERTICAL ADJUSTMENT OF GUARDRAIL, TYPE A	FOOT	638		
* 63300910	VERTICAL ADJUSTMENT OF GUARDRAIL, TYPE B	FOOT	429		
* 63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	1391		
* 63301215	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	78		
* 63301990	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	24		
	67100100 MOBILIZATION	L SUM	1		
	70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		
	70300100 SHORT-TERM PAVEMENT MARKING	FOOT	12747		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	159373		
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LETTERS & SYMBOLS	SQ FT	125		
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 24	FOOT	80		
* 78200400	GUARDRAIL REFLECTORS	EACH	20		
	Z0048665 RAILROAD PROTECTION LIABILITY INSURANCE	L SUM	1		
x Z0064000	SCARIFYING AND REGRADING EXISTING ASPHALT SURFACE	SQ YD	160452		

x SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

PAVED SHOULDER			
STATION	SIDE	WIDTH	SQ YD
278+55 TO 279+25	LT	2'	16
281+90 TO 283+30	RT	4'	62
285+45 TO 286+45	RT	3'	33
426+34 TO 427+46	LT	3'	37
426+34 TO 427+46	RT	3'	37
495+41 TO 496+41	LT	3'	33
495+41 TO 496+41	RT	3'	33
645+91 TO 647+82	LT	2'	42
646+34 TO 647+82	RT	3.5'	58
TOTAL			352

PERIMETER EROSION BARRIER		
STATION	SIDE	FOOT
138+46 TO 140+46	RT	200
139+34 TO 143+21	LT	387
424+88 TO 427+88	RT	300
425+11 TO 428+66	LT	355
493+00 TO 496+22	RT	322
495+00 TO 496+22	RT	122
637+94 TO 640+69	LT	275
638+02 TO 640+77	RT	275
TOTAL		2236

PRIVATE ENTRANCES					
STATION	SIDE	SQ YD	STATION	SIDE	SQ YD
50+49	RT	39.0	285+55	LT	42.0
51+47	RT	39.0	286+16	LT	42.0
98+30	RT	55.0	286+52	RT	36.0
157+34	RT	61.0	286+58	RT	36.0
194+55	LT	86.0	287+14	LT	36.0
197+08	LT	61.0	288+00	RT	42.0
205+67	RT	55.0	296+69	LT	26.0
245+88	RT	92.0	298+45	RT	28.0
249+48	LT	48.0	345+71	RT	30.0
263+91	RT	39.0	416+74	RT	30.0
272+54	LT	48.0	486+10	RT	164.0
273+19	RT	48.0	546+04	LT	30.0
273+34	LT	48.0	571+55	LT	30.0
273+62	RT	48.0	573+08	RT	30.0
278+50	RT	192.0	590+46	RT	39.0
281+06	RT	55.0	611+22	RT	55.0
281+42	RT	42.0	614+53	LT	55.0
281+76	LT	36.0			
TOTAL					1843

INTERSECTIONS			
STATION	LOCATION	SIDE	SQ YD
65+38	E 7th Rd	RT	98
65+38	E 7th Rd	LT	95
118+62	E 8th Rd	LT	89
118+62	E 8th Rd	RT	86
171+93	E 9th Rd	LT	73
171+93	E 9th Rd	RT	76
225+34	E 10th Rd	RT	92
225+34	E 10th Rd	LT	67
271+79		LT	73
274+17	Washington St	RT	140
279+47	Van Buren St	LT	73
279+83		RT	148
283+50	Monroe St	LT	73
283+50	Monroe St	RT	73
329+34	N 3rd Rd	LT	70
329+34	N 3rd Rd	RT	61
382+63	N 4th Rd	LT	76
382+63	N 4th Rd	RT	70
435+99	N 5th Rd	LT	70
435+99	N 5th Rd	RT	780
488+67	N 6th Rd	LT	68
488+67	N 6th Rd	RT	59
541+96	N 7th Rd	LT	72
541+96	N 7th Rd	RT	68
595+22	N 8th Rd	LT	68
595+22	N 8th Rd	RT	70
TOTAL			2788

FIELD ENTRANCES					
STATION	SIDE	SQ YD	STATION	SIDE	SQ YD
10+75	RT	6.3	302+58	RT	6.3
32+36	RT	6.3	347+13	RT	6.3
32+37	LT	6.3	355+89	LT	11.7
33+41	LT	11.7	360+85	RT	6.3
39+91	LT	6.3	383+30	RT	6.3
42+20	RT	6.3	398+47	LT	6.3
71+96	RT	6.3	409+23	RT	6.3
71+97	LT	6.3	422+78	RT	11.7
78+70	LT	6.3	422+97	LT	6.3
80+12	RT	6.3	462+28	LT	6.3
91+66	RT	6.3	462+86	LT	6.3
92+07	RT	6.3	469+18	LT	6.3
92+15	LT	6.3	470+32	RT	6.3
131+90	RT	6.3	472+83	RT	6.3
139+05	LT	6.3	472+84	LT	6.3
145+04	RT	6.3	491+61	LT	6.3
151+00	LT	6.3	492+26	RT	6.3
154+42	RT	6.3	497+16	RT	6.3
162+98	LT	11.7	498+28	LT	6.3
163+26	RT	6.3	502+30	RT	6.3
165+35	LT	6.3	506+95	LT	6.3
178+90	RT	6.3	514+94	LT	6.3
185+31	LT	6.3	522+46	LT	6.3
198+47	RT	6.3	522+86	RT	6.3
199+18	LT	6.3	550+03	LT	6.3
202+82	RT	6.3	568+48	RT	6.3
211+35	RT	6.3	568+67	LT	6.3
213+54	LT	6.3	573+04	RT	6.3
238+23	RT	6.3	578+58	RT	6.3
238+56	LT	6.3	583+84	RT	6.3
238+94	RT	6.3	583+86	LT	6.3
251+60	RT	6.3	588+08	RT	6.3
263+92	LT	6.3	589+83	RT	17.1
266+75	RT	6.3	608+58	RT	6.3
270+59	RT	6.3	613+80	LT	6.3
289+95	RT	6.3	618+44	LT	6.3
291+13	RT	11.7	621+64	RT	6.3
291+79	LT	6.3	629+38	LT	11.7
295+95	LT	11.7	633+60	LT	6.3
300+63	RT	6.3	635+44	RT	6.3
302+57	LT	17.1	643+01	LT	11.7
TOTAL					581

SCHEDULES

COUNTY	SECTION	HWY.NO.	SHEET NO.
LASALLE	08-00323-00-RS	44	5 of 6

PAVING SCHEDULE									
STA. to STA.	SURFACE WIDTH	LENGTH	AREA	BIT. MAT. (PR. CT.)	AGG. (PR. CT.)	HEATER SCARIFIER	HMA ASPHALT SURF. CSE. MIX C N50	AGG. SHLDS, TY-B	SHORT-TERM PAVT
	FEET	FEET	SQ. YD.	0.1Gal/SY GAL	4#/Sq Yd TON	SQ. YD.	1 1/2" TON	2.05Ton/CuYd TON	FOOT
10+45 to 290+16	24	27,971	74,589	7458.93	149.2	74536 *	6266	2128	5594.2
290+16 to 647+82	22	35,766	87,428	8742.8	174.9	85916 *	7344	2721	7153.2
PRIVATE ENTRANCES			1,843	184.3	3.7		155 **		
FIELD ENTRANCES			581	58.14	1.2		49	465 ***	
INTERSECTIONS			2,788	278.8	5.6		234 **		
MAILBOX TURNOUTS			241	24.1	0.5		20		
PAVED SHOULDERS			352	35.214	0.7		30		
TOTAL			167,823	16782	336	160452	14097	5314	12747

MAIL BOX TURNOUT			
STATION	SIDE	WIDTH	SQ YD
51+48	LT	6'	27
98+20	LT	6'	27
157+03	RT	6'	27
197+03	RT	6'	27
205+38	RT	4'	15
280+80	RT	8'	43
296+68	RT	3'	10
297+93	RT	3'	10
345+85	RT	3'	10
415+98	LT	3'	10
547+30	LT	3'	10
573+41	LT	4'	15
590+74	LT	3'	10
TOTAL			241

HMA SURF. REM. - BUTT. JOINT		
STATION	SIDE	SQ YD
10+45 to 10+58	CL	35
271+79	LT	8
274+17	RT	139
279+47	LT	8
279+83	RT	37
283+50	LT	9
283+50	RT	9
285+55	LT	8
286+16	LT	8
286+52	RT	7
286+58	RT	7
287+14	LT	3
288+00	RT	5
425+51 to 426+51	CL	244
427+26 to 428+26	CL	244
494+63 to 495+63	CL	244
496+29 to 497+29	CL	244
528+72 to 528+97	CL	64
529+35 to 529+60	CL	64
647+42 to 647+72	CL	80
TOTAL		1468

* SQUARE YARDAGE REFLECTS BEGINNING AND ENDING OMISSION AS WELL AS BRIDGE OMISSIONS
 ** PAID FOR AS INCIDENTAL HMA SURFACE
 *** 5 TON PER STANDARD FIELD ENTRANCE

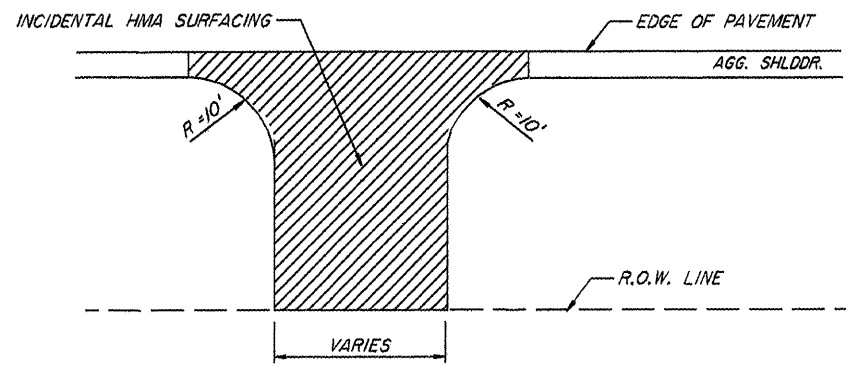
PAVEMENT MARKING			
PAINT		PREFORMED PLASTIC PVT MRK	
YELLOW LINE 4"	WHITE LINE 4"	WHITE LINE 24"	LTR & SYM
FOOT	FOOT	FOOT	SQ FT
31714	127659	80	125

GUARDRAIL								
STATION	SIDE	SPBGR				TRAFFIC BAR TERM		FURNISHED EXCAVATION CY
		REMOVE & RE ERECT TY A	REMOVE & RE ERECT TY B	VERTICAL ADJUST TY A	VERTICAL ADJUST TY B	REMOVE & RE-ERECT TBT	GUARDRAIL REFLECTORS	
61+65 to 63+65	RT			87.5	62.5	2.0	2.0	
62+15 to 64+40	LT			87.5	62.5	2.0	2.0	
138+46 to 140+96	RT	62.5	52.5		25.0	2.0	0.0	44.0
139+34 to 143+21	LT	287.5	25.0		25.0	2.0	2.0	44.0
158+00 to 161+62	RT			237.5	85.0	2.0	2.0	
158+80 to 162+55	LT			225.0	85.0	2.0	2.0	
424+88 to 427+88	RT	150.0				2.0	2.0	200.0
425+11 to 428+86	LT	225.0				2.0	2.0	200.0
493+00 to 496+22	RT	250.0				2.0	2.0	550.0
495+00 to 496+22	LT	50.0				2.0	0.0	150.0
637+94 to 640+69	LT	183.0			42.0	2.0	2.0	300.0
638+02 to 640+77	RT	183.0			42.0	2.0	2.0	300.0
TOTAL		1391.0	77.5	637.5	429.0	24.0	20.0	1788.0

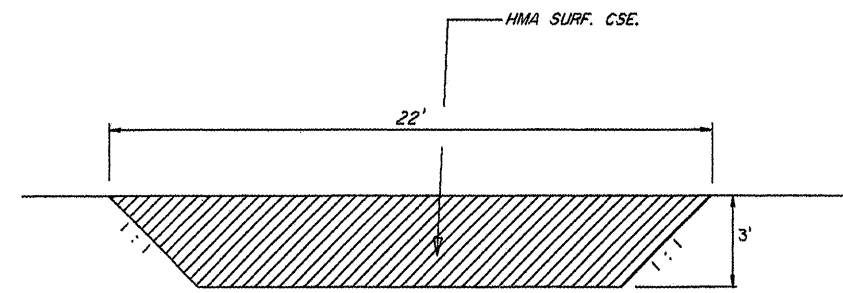
HMA SURF. REM. - 1 1/2"		
STATION	SIDE	SQ YD
426+51 to 427+26	CL	267
495+63 to 496+29	CL	220
TOTAL		487

SCHEDULES

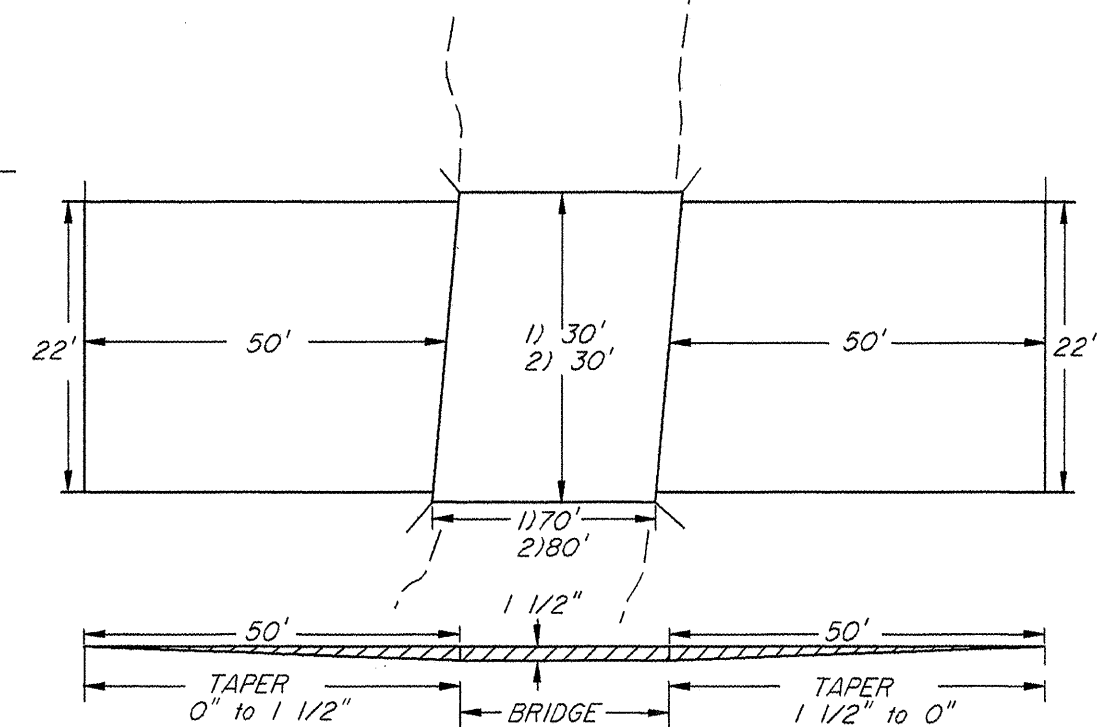
COUNTY	SECTION	HWY.NO.	SHEET NO.
LASALLE	08-00323-00-RS	44	6 of 6



TYPICAL PRIVATE ENTRANCE

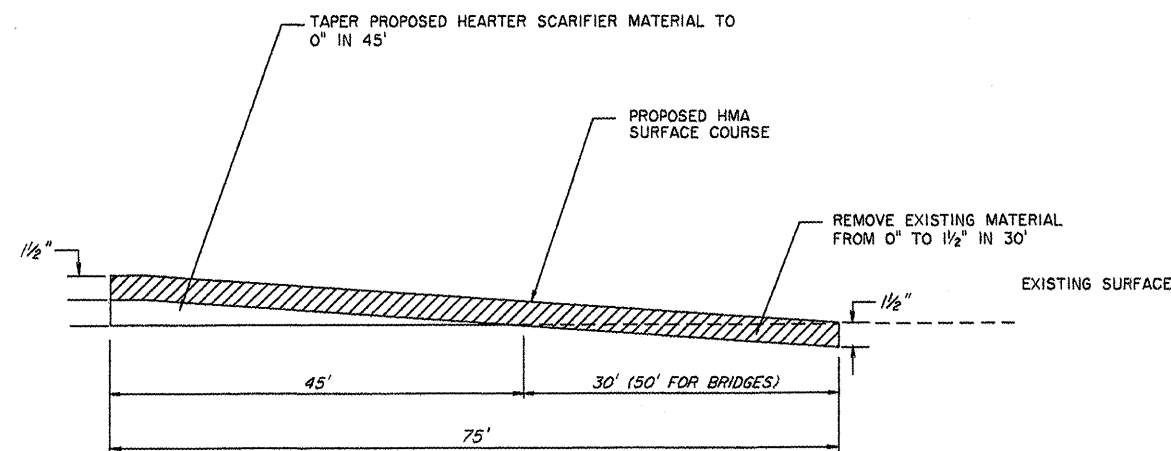


TYPICAL FIELD ENTRANCE



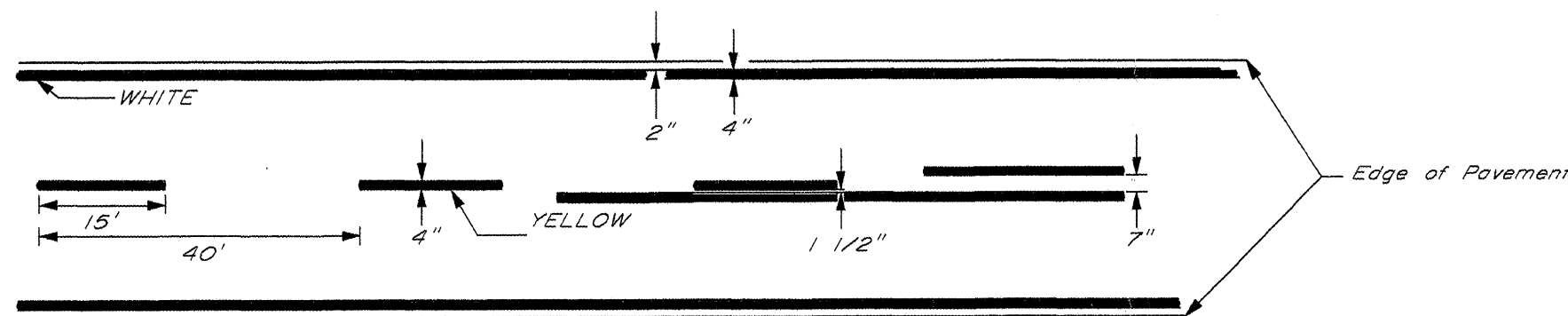
HMA SURFACE REMOVAL @ STRUCTURES
1) 050-0192
2) 050-0193

SEE HMA SURFACE REMOVAL-BUTT JOINT
AND HMA SURFACE REMOVAL 1 1/2"
SCHEDULE FOR LOCATION

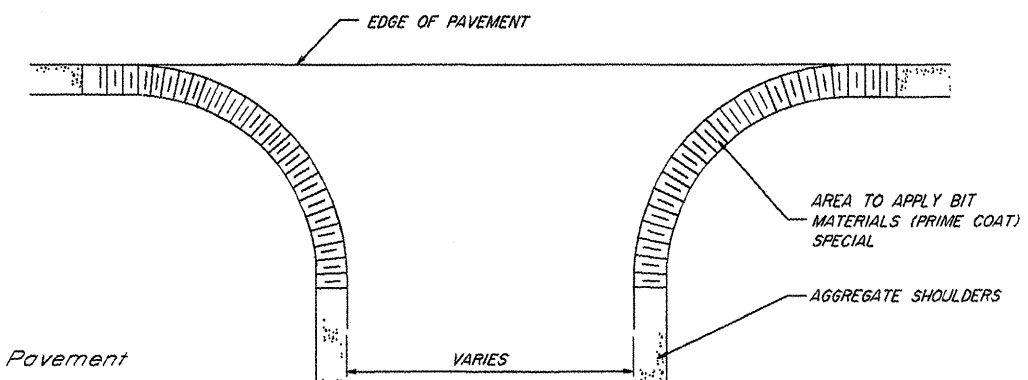


TAPER DETAIL

SEE HMA SURFACE REMOVAL -
BUTT JOINT SCHEDULE FOR LOCATIONS



PAINING DETAIL



NOTES:

AGGREGATE SHOULDERS IN THE RADIUS AREAS OF SIDEROADS SHALL BE APPLIED WITH MC-30 AT THE RATE SPECIFIED IN THE SPECIAL PROVISIONS.

SHOULDER DETAIL
AT SIDEROADS

DETAILS