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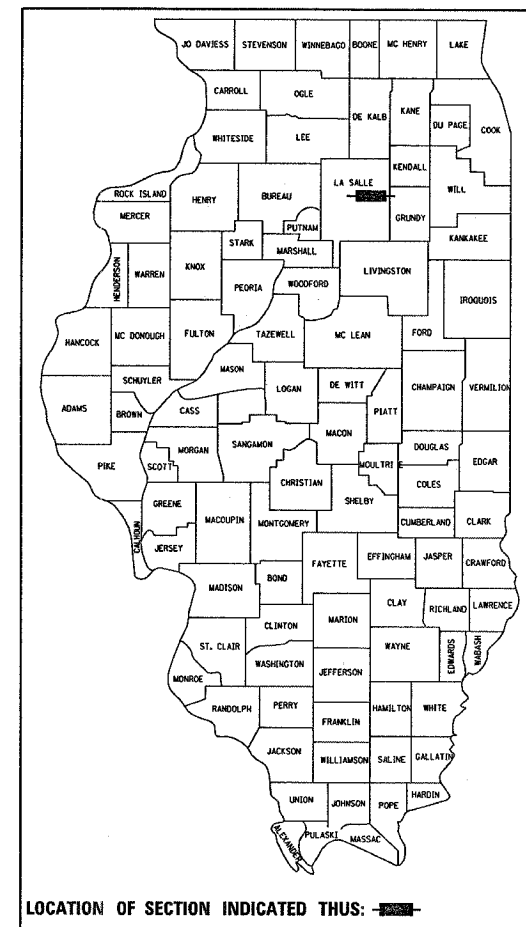
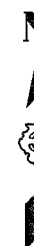
STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 631011-03 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631026-03 TRAFFIC BARRIER TERMINAL, TYPE 5 & 5A
- 631033-02 TRAFFIC BARRIER TERMINAL, TYPE 6B
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701401-03 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701426-02 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 702001-06 TRAFFIC CONTROL DEVICES

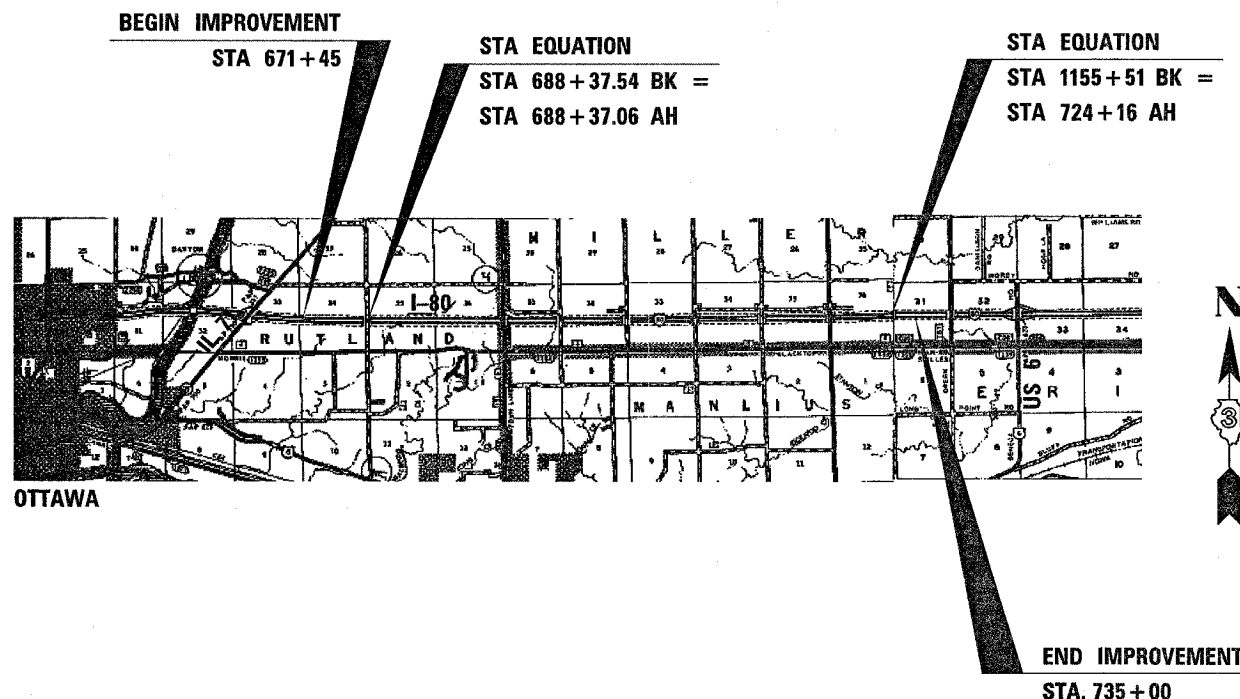
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
F.A.I. ROUTE 80 (I-80)
SECTION (50-5,6)I-1
PROJECT IM-080-3 (124)092
LASALLE COUNTY
C-93-033-07
INTERMITTENT MILLING & RESURFACING

D-93-021-07

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	1
DISTRICT 3		ILLINOIS	PROJECT	



FUNCTIONAL CLASSIFICATION - INTERSTATE
 2006 ADT = 28,800
 P.V. = 61.3%
 S.U. = 6.1%
 M.U. = 32.6%



LOCATION MAP

NOT TO SCALE
 NET LENGTH = 29,695 FT = 5.624 MILES
 GROSS LENGTH = 49,490.48 FT = 9.373 MILES

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

MICROFILMED _____
 REEL NUMBER _____
 AWARDED _____
 RESIDENT ENGINEER _____
 AS BUILT CHANGES WERE MADE ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: DAVE BROVIAC
 UNIT CHIEF: MARK JONES
 TOWNSHIP:

CONTRACT NO. 66703

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED: _____ 20____

Diana O'Leary
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
 March 23, 20 07

Eric E. Hanna
 ENGINEER OF DESIGN AND ENVIRONMENT
 March 23, 20 07

Milton R. Sear
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

THE THICKNESS OF HMA 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 IS PLACED.

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

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMP FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

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.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.08	GAL / SQ YD OR
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *R. J. ...*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2-2-07

EXAMINED BY: *Hubert ...*
DISTRICT CONSTRUCTION ENGINEER

Maod ...
DISTRICT MATERIALS ENGINEER

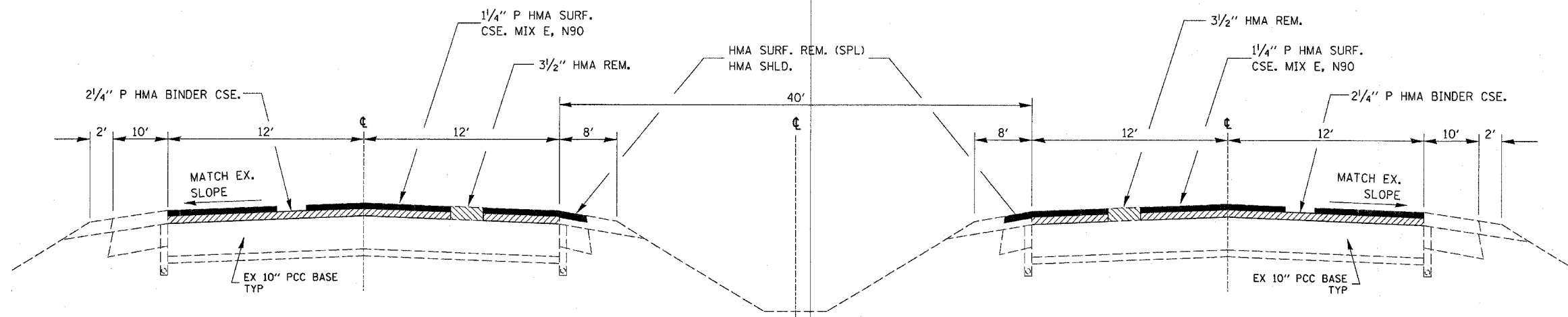
Barney ...
DISTRICT OPERATIONS ENGINEER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			90% FEDERAL 10% STATE
CODE NO.	CONSTRUCTION CODE TYPE: ITEM	UNIT	1000
			TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3188
40600300	AGGREGATE (PRIME COAT)	TON	80
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	12
40600545	LEVELING BINDER (HAND METHOD), N90	TON	20
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	4989
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	2771
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	39592
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	250
48203100	HOT-MIX ASPHALT SHOULDERS	TON	28
67100100	MOBILIZATION	L SUM	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1188
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	395
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29695
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1050
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1000
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	105
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	105
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1

* SPECIALTY ITEMS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)1-1	LASALLE	10	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION

STA 672+50 TO STA 688+37.54 BK = 688+37.06 AH
 STA 688+37.06 AH TO STA 1151+00

WEST BOUND

EAST BOUND

NOTE: HMA SURFACE SHALL BE REMOVED DOWN TO BARE CONCRETE SURFACE

MIX DESIGN						
MIX	PG GRADE	MAX % RAP ALLOWABLE **	DESIGN AIR VOIDS	MIX COMPOSITION	FRICTION AGG	DENSITY CONTROL
POLYMERIZED HMA SURFACE	SBS/PG 70-22	10%	4.0% @N90	IL 9.5	MIXTURE E	CORRELATION
POLYMERIZED HMA BINDER	SBS/PG 70-22	10%	4.0% @N90	IL 19.0		CORRELATION
HMA SHOULDER	PG 58-22	25%	3.0% @N50	IL 12.5 or IL 9.5	MIXTURE C	CORES/NUCLEAR

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER

DATE: TIME: c:\p\ro\ecds\ec02107\deriv\is.dgn

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION		LENGTH	THERMO PVMT MARK LINE 4" FOOT	THERMO PVMT MARK LINE 6" FOOT	THERMO PVMT MARK LINE 8" FOOT	SHORT-TERM PVMT. MARK. FOOT	WORK-ZONE PVMT. MARK. REM. SQ FT	RAISED REFLECT PVMT MARK REMOVAL EACH	RAISED REFLECT PVMT MARK REMOVAL EACH
LASALLE COUNTY									
EASTBOUND DRIVING LANE									
671+45	TO	672+50	105	105		4	1		
711+00	TO	720+00	900	900		36	12		
768+00	TO	795+00	2700	2700		108	36		
823+00	TO	824+00	100	100		4	1		
845+00	TO	855+00	1000	1000	500	40	13		
882+50	TO	887+50	500	500		20	7		
895+00	TO	905+00	1000	1000		40	13		
937+50	TO	942+50	500	500		20	7		
960+50	TO	962+50	200	200		8	3		
991+50	TO	992+50	100	100		4	1		
EASTBOUND PASSING LANE									
775+00	TO	784+00	900	900	230	36	12	23	23
895+00	TO	905+00	1000	1000	250	40	13	25	25
WESTBOUND DRIVING LANE									
671+50	TO	696+50	2500	2500		100	33		
730+00	TO	762+00	3200	3200		128	43		
765+00	TO	766+00	100	100		4	1		
769+00	TO	772+00	300	300		12	4		
779+60	TO	780+50	90	90		4	1		
785+00	TO	810+30	2530	2530		100	33		
811+30	TO	838+00	2670	2670	500	108	36		
907+50	TO	908+50	100	100		4	1		
918+50	TO	922+00	350	350		16	6		
937+05	TO	941+00	395	395		16	6		
958+00	TO	961+50	350	350		16	6		
969+00	TO	985+00	1600	1600		64	21		
993+50	TO	997+50	400	400		16	5		
1001+00	TO	1002+25	125	125		4	1		
1003+25	TO	1008+00	475	475		20	7		
1012+50	TO	1018+00	550	550		20	7		
1060+00	TO	1061+00	100	100		4	1		
1070+70	TO	1073+40	270	270		12	4		
1074+00	TO	1085+50	1150	1150		44	15		
1086+00	TO	1088+90	290	290		12	4		
1147+50	TO	1152+50	500	500		20	7		
1155+51 BK = 724+16 AH									
727+50	TO	731+50	400	400		16	5		
WESTBOUND PASSING LANE									
937+05	TO	942+50	545	545	140	20	7	14	14
969+00	TO	985+00	1600	1600	400	64	21	40	40
1155+51 BK = 724+16 AH									
734+00	TO	735+00	100	100	30	4	1	3	3
TOTAL		29695	29695	1050	1000	1188	395	105	105

DATE: TUES. 01/19/00 10:00 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)1-1	LASALLE	10	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MAINLINE SCHEDULE

LOCATION STATION TO STATION	LENGTH	HOT-MIX ASPH. SURF. REM 3 1/2" SQ YD	HOT-MIX ASPH. SURF. REM SPECIAL SQ YD	POLY. HOT-MIX ASPH. SURF. MIX E N90 TON	POLY. HOT-MIX ASPH. BINDER IL-19.0 N90 TON	HOT-MIX ASPHALT SHOULDER TON	BIT MATL PR CT GAL	AGG PR CT TON	MIX FOR CR, JTS, & FLANGEWAYS TON	LEVEL BINDER (HM) TON
LASALLE COUNTY										
EASTBOUND DRIVING LANE										
671+45 TO 672+50	105	140		10	18		11.2	0.3	0.04	0.07
711+00 TO 720+00	900	1200		84	151		96.0	2.4	0.36	0.60
768+00 TO 795+00	2700	3600		252	453		288.0	7.2	1.08	1.80
823+00 TO 824+00	100	133		9	17		10.7	0.3	0.04	0.07
845+00 TO 855+00	1000	1333		93	168		106.7	2.7	0.40	0.67
882+50 TO 887+50	500	667		47	84		53.3	1.3	0.20	0.33
895+00 TO 905+00	1000	1333		93	168		106.7	2.7	0.40	0.67
937+50 TO 942+50	500	667		47	84		53.3	1.3	0.20	0.33
960+50 TO 962+50	200	267		19	34		21.3	0.5	0.08	0.13
991+50 TO 992+50	100	133		9	17		10.7	0.3	0.04	0.07
EASTBOUND PASSING LANE										
	563		125			14	10.0			
775+00 TO 784+00	900	1200		84	151		96.0	2.4	0.36	0.60
895+00 TO 905+00	1000	1333		93	168		106.7	2.7	0.40	0.67
WESTBOUND DRIVING LANE										
671+50 TO 696+50	2500	3333		233	420		266.7	6.7	1.00	1.66
730+00 TO 762+00	3200	4267		299	538		341.3	8.5	1.28	2.13
765+00 TO 766+00	100	133		10	17		10.7	0.3	0.04	0.07
769+00 TO 772+00	300	400		28	50		32.0	0.8	0.12	0.20
779+60 TO 780+50	90	120		9	15		9.6	0.2	0.04	0.06
785+00 TO 810+30	2530	3374		236	425		269.9	6.7	1.00	1.69
811+30 TO 838+00	2670	3560		249	448		284.8	7.1	1.07	1.78
907+50 TO 908+50	100	133		10	17		10.7	0.3	0.04	0.07
918+50 TO 922+00	350	467		33	59		37.3	0.9	0.14	0.23
937+05 TO 941+00	395	527		37	66		42.1	1.0	0.16	0.26
958+00 TO 961+50	350	467		33	59		37.3	0.9	0.14	0.23
969+00 TO 985+00	1600	2133		149	269		170.7	4.3	0.64	1.07
993+50 TO 997+50	400	533		37	67		42.7	1.1	0.16	0.27
1001+00 TO 1002+25	125	167		12	21		13.3	0.3	0.05	0.08
1003+25 TO 1008+00	475	633		44	80		50.7	1.3	0.19	0.32
1012+50 TO 1018+00	550	733		51	92		58.7	1.5	0.22	0.37
1060+00 TO 1061+00	100	133		9	17		10.7	0.3	0.04	0.07
1070+70 TO 1073+40	270	360		25	45		28.8	0.7	0.11	0.18
1074+00 TO 1085+50	1150	1533		107	193		122.7	3.1	0.46	0.77
1086+00 TO 1088+90	290	387		27	49		30.9	0.8	0.12	0.19
1147+50 TO 1152+50	500	667		47	84		53.3	1.3	0.20	0.33
1155+51 BK = 724+16 AH										
727+50 TO 731+50	400	533		37	67		42.7	1.1	0.16	0.27
WESTBOUND PASSING LANE										
	563		125			14	10.0			
937+05 TO 942+50	545	727		51	92		58.1	1.4	0.22	0.36
969+00 TO 985+00	1600	2133		149	269		170.6	4.3	0.64	1.07
1155+51 BK = 724+16 AH										
734+00 TO 735+00	100	133		9	17		10.7	0.3	0.04	0.07
TOTAL	30821	39592	250	2771	4989	28	3187.6	79.3	11.88	19.81

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BEGIN INTERMITTENT RESURFACING
STA 672+50

SN 050-0131
STA 735+23.36

TR 336

FAI 80

SN 050-0100
STA 841+49.83

FAS 268
MARSEILLES RD

SN 050-0132
STA 885+06.94

TR 416

SN 050-0133
STA 937+90.21

TR 434

SN 050-0134
STA 990+89.13

TR 448

SN 050-0135
STA 1044+01.05

TR 456

SN 050-0105
STA 1096+98.33

SA 4A
SENECA RD

SN 032-0053
STA 1149+98.56

TR 4

STA 987+60
EXISTING TRAFFIC COUNT INDUCTION LOOPS
NOT TO BE DISTURBED

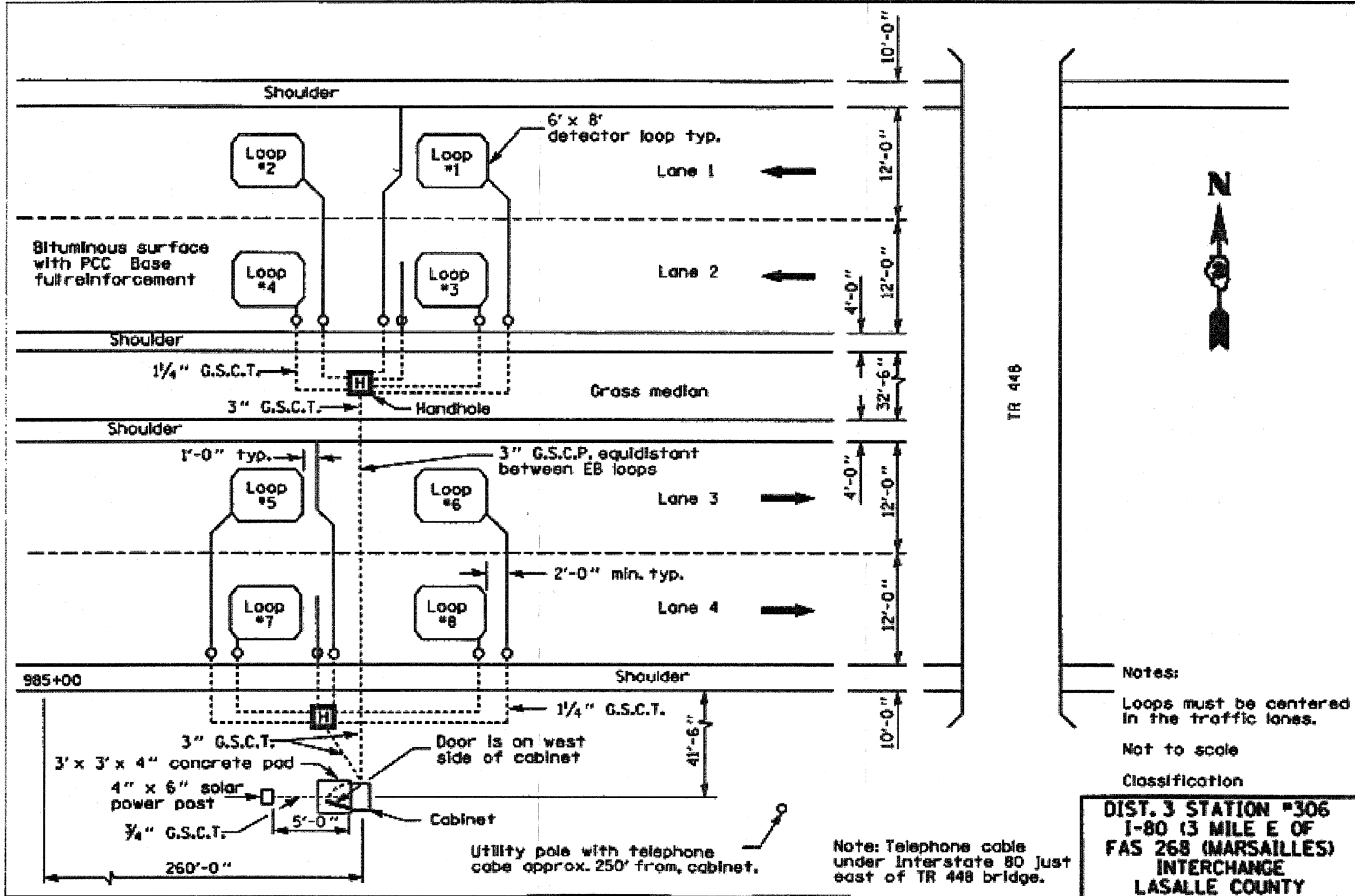
END INTERMITTENT RESURFACING
STA 735+00

STATION EQUATION
688+37.54 BK=
688+37.06 AH

STATION EQUATION
1155+51 BK=
724+16 AH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)1-1	LASALLE	10	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ANY DAMAGE TO TRAFFIC COUNT INDUCTOR
 LOOPS CAUSED BY THE CONTRACTOR
 SHALL BE REPAIRED TO THE SATISFACTION
 OF THE DEPARTMENT AT THE EXPENSE OF
 THE CONTRACTOR



Notes:
 Loops must be centered
 in the traffic lanes.
 Not to scale
 Classification

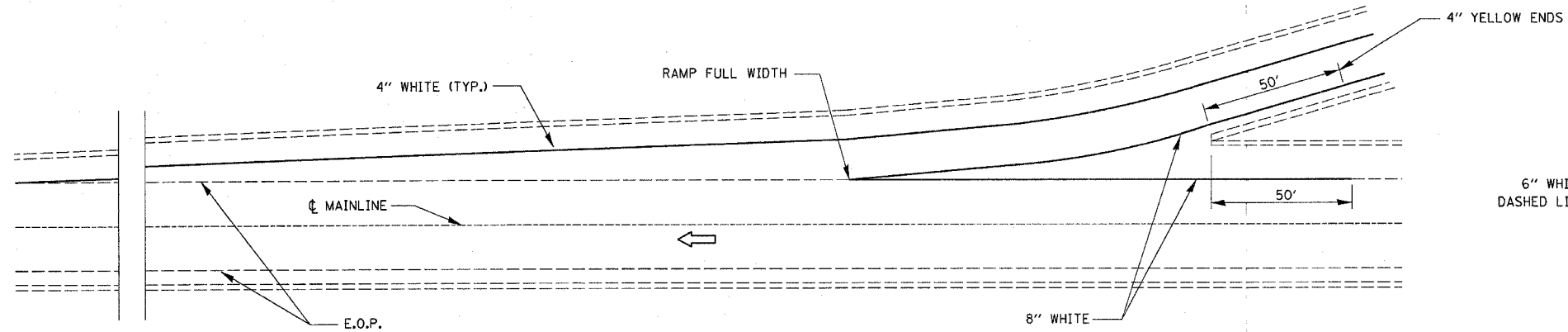
**DIST. 3 STATION #306
 I-80 (3 MILE E OF
 FAS 268 (MARSAILLES)
 INTERCHANGE
 LASALLE COUNTY**

Note: Telephone cable
 under Interstate 80 just
 east of TR 448 bridge.

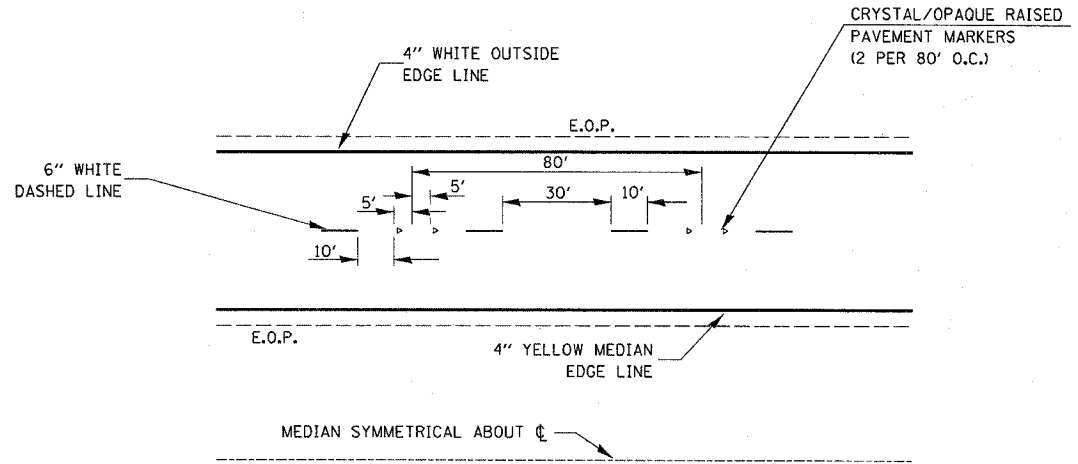
THIS SHEET IS FOR INFORMATION ONLY

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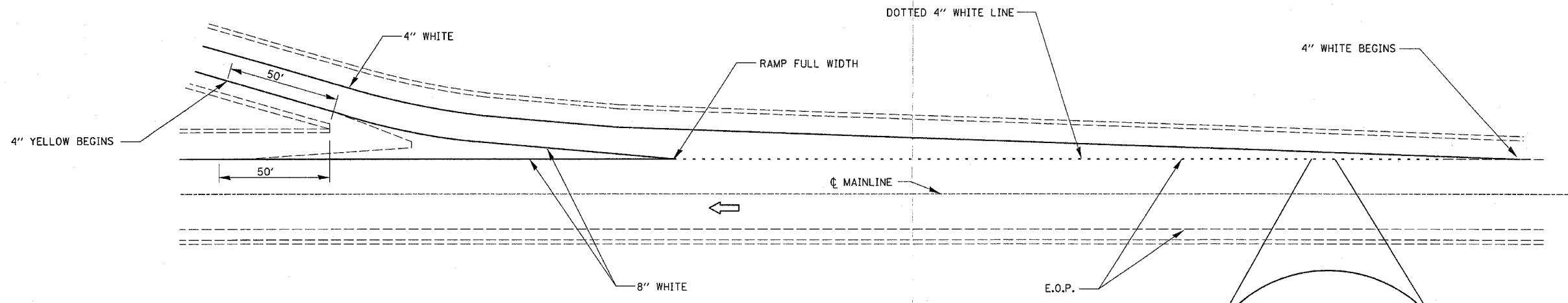
F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



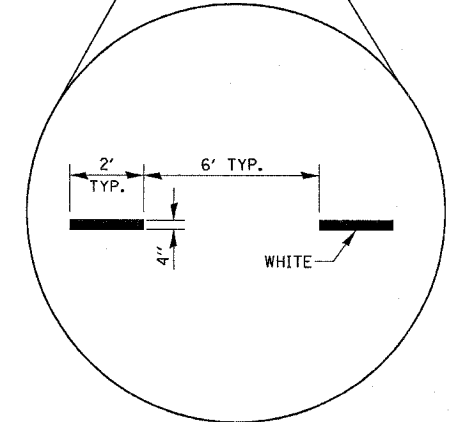
TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



TYPICAL PAVEMENT MARKINGS

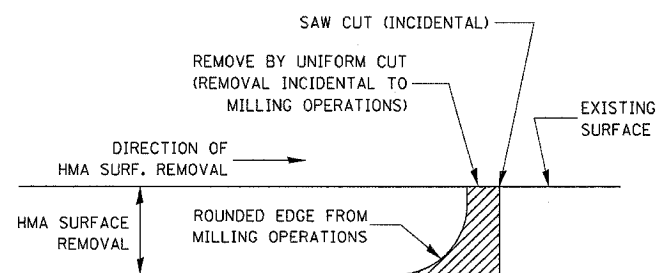


TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS



DATE: T.M.E. 01/19/02 11:51 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5,6)I-1	LASALLE	10	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
 THEN 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

HMA DETAIL AT BUTT JOINTS