

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	1
D-91-174-03			166	

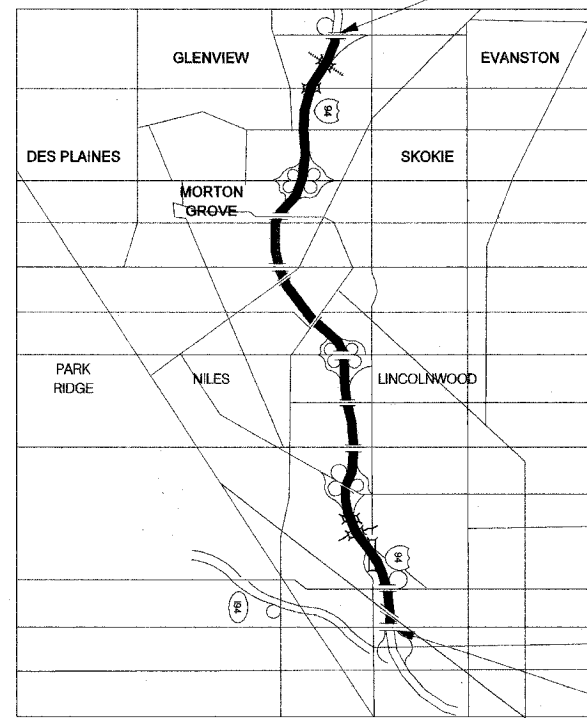
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

F.A.I. 94 (INTERSTATE 94)
SECTION 2006-043 RS
LAWRENCE AVENUE TO OLD ORCHARD, ROAD
RESURFACING, BRIDGE REPAIR
AND BRIDGE DECK OVERLAY
COOK COUNTY
C-91-209-04
PROJECT: IM-094-2(244)042



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATION EQUATIONS, SEE SHEET NO. 3
ADT = 170,000 (2005)
POSTED SPEED LIMIT = 55 M.P.H.

THE PROJECT IS LOCATED
WITHIN THE VILLAGES OF
SKOKIE, MORTON GROVE,
NILES, LINCOLNWOOD
AND THE CITY OF CHICAGO.



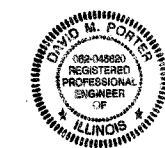
PROJECT ENDS
STA. 297+00



PROJECT BEGINS
STA. 81+06 S



Richard W. Allen 5/15/07
EXPIRES 11/30/2008



David M. Porter 5/15/07
EXPIRES 11/30/2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

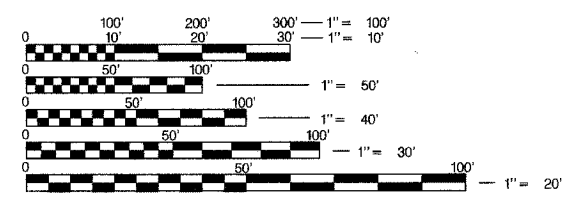
SUBMITTED May 17 20 07
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 29 20 07
Eric E. Haral
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

June 29 20 07
Milton R. Sore P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

DISTRICT ONE - IDOT PROJECT MANAGER: KEN ENG (847) 705-4247



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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 62747

GROSS LENGTH OF PROJECT = 37,806 LINEAL FEET = 7.16 MILES
NET LENGTH OF PROJECT = 37,806 LINEAL FEET = 7.16 MILES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS & MIX REQUIREMENTS
3	GENERAL NOTES AND STATION EQUATIONS
4	6A SUMMARY OF QUANTITIES
7	EXISTING & PROPOSED TYPICAL SECTIONS
13	16A SUGGESTED MAINTENANCE OF TRAFFIC PER SEGMENT
17	20 MAINTENANCE OF TRAFFIC AT BRIDGE LANE CLOSURES
21	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
22	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI LANE WEAVE
23	TRAFFIC CONTROL DETAILS FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
24	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
25	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE, SHOULDER LANE
26	27 MAINLINE PATCHING SCHEDULE
28	29 RAMP PATCHING SCHEDULE
30	MEDIAN BARRIER REPAIR & GUARDRAIL IMPROVEMENT SCHEDULES
31	65 EXISTING AND PROPOSED ROADWAY, PAVEMENT MARKING AND DRAINAGE PLANS
66	RESURFACING TRANSITION DETAIL-ROADWAY TO BRIDGE JOINT & HMA TO PCC BUTT JOINT
67	MEDIAN CATCH BASIN DETAIL & CONCRETE BARRIER REPAIR DETAIL
68	69 MULTI-LANE FREEWAY PAVEMENT MARKING DETAIL
70	BUTT JOINT AND HMA TAPER DETAILS
71	BITUMINOUS TAPER AT EDGE OF PCC PAVEMENT DETAIL
72	90 EXISTING SURVEILLANCE PLANS
91	EXISTING ROUND LOOP INSTALLATION
92	EXISTING ROUND INDUCTION LOOP TYPICALS
93	LOOP, CONDUIT & DUCT INSTALLATION DETAILS
94	LOOP STATUS REPORT
95	NOT USED
96	135 STRUCTURAL SHEETS

STATE STANDARDS

ITEM	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-06	PAVEMENT JOINTS
442001-03	CLASS A PATCHES
442201-02	CLASS C & D PATCHES
602011	CATCH BASINS, TYPE C
604091-01	FRAME & GRATE, TYPE 24
604106	MEDIAN INLET FOR 36" RCP
630201-04	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
642001	SHOULDER RUMBLE STRIPS
701101-01	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5m (15') AWAY, FOR SPEEDS > 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5m (15') AWAY, FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-03	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-02	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > 45 MPH
702001-00	TRAFFIC CONTROL DEVICES
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

HOT-MIX ASPHALT REQUIREMENTS FOR MAINLINE

ITEM	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (AT 1-3/4" THICKNESS)	SBS PG 76-28/-22	4% @ 80 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80 (AT 1-3/4" THICKNESS)	SBS PG 76-28/-22	4% @ 80 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (AT 3/4" THICKNESS)	SBS/SBR PG 76-28/-22	4% @ 50 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR MAINLINE SHOULDERS

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (AT 1-3/4" THICKNESS) (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2-1/4" TO 2-3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR RAMPS

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (AT 1-3/4" THICKNESS) (IL 9.5 mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2-1/4" TO 2-3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.
CLASS D PATCH (HMA BIDNER IL-25)	PG 64-22	4% @ 105 Gyr.

HOT-MIX ASPHALT REQUIREMENTS FOR RAMP SHOULDER

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (AT 1- 3/4" THICKNESS) (IL 9.5mm)	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (VARIES 2- 1/4" TO 2- 3/4" THICKNESS)	PG 64-22 / 58-22 *	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE HMA-SMA SURFACE COURSE IS 135 LBS/SQ YD/IN.

THE UNIT WEIGHT USED TO CALCULATE HMA SURFACE COURSE IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER SHOULD BE PG 58-22.

PLOT DATE = 6/18/2007
 PLOT SCALE = 1/8"=1'-0"
 PLOT USER = JCS
 USER NAME = 087047

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS, STANDARDS & MIX REQUIREMENTS F.A.I. 94 (I-94)
NAME	DATE	
		SCALE: _____ DATE: JUNE 2007 -DRAWN BY: DCS CHECKED BY: _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	3
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

GENERAL NOTES:

- 1 BEFORE STARTING AN EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED).
- 2 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- 3 THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4 BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED.
- 5 WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)
- 6 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 7 CONTACT MR. JEFFREY JULIANO AREA TRAFFIC FIELD ENGINEER AT (847) 705-4153 TWO WEEKS PRIOR TO INSTALLATION OF FINAL PAVEMENT MARKINGS.
- 8 WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 9 THE CONTRACTOR WILL COORDINATE WORK ACTIVITY WITH THE ADJACENT 1-94/EDEN'S CONTRACT (*62636).
- 10 MATERIAL TRANSFER DEVICE TO BE USED FOR SMA MIXES ON THE MAIN LINE, NOT ON THE RAMPS OR SHOULDERS.
- 11 VERTICAL CLEARANCES OF BRIDGES CANNOT BE REDUCED BELOW 14' 0".
- 12 CHANGE IN VERTICAL CLEARANCES FOR ALL OBSTRUCTIONS MUST BE MEASURED AND PROMPTLY REPORTED TO THE ENGINEER.
- 13 THE CONTRACTOR IS TO ORIENT THE DRAINAGE STRUCTURE GRATES PROPERLY AFTER ADJUSTMENT IN HEIGHT IS MADE

STATION EQUATIONS:

- STA. 56+09.10 S BK = STA. 56+09.03 S AH
- STA. 46+23.29 S BK = STA. 46+23.93 S AH
- STA. 31+02.78 S BK = STA. 31+01.28 S AH
- STA. 0+11.41 S BK = STA. 0+00.00 S AH
- STA. 26+66.72 BK = STA. 26+66.70 AH
- STA. 44+07.63 BK = STA. 44+07.59 AH
- STA. 63+00.00 BK = STA. 62+00.00 AH
- STA. 95+83.95 BK = STA. 95+89.05 AH
- STA. 160+65.08 BK = STA. 160+64.97 AH
- STA. 199+07.42 BK = STA. 199+07.34 AH
- STA. 224+96.95 BK = STA. 224+96.86 AH
- STA. 272+01.76 BK = STA. 272+01.68 AH

PLOT DATE = 05/24/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #PLOT#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
 AND STATION EQUATIONS
 F.A.I. 94 (I-94)

SCALE: _____ DRAWN BY DCS
 DATE MAY 2007 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	4

STA.	TO STA.
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

URBAN
90% FED./10% STATE

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NB ROADWAY 1000	SB ROADWAY 1000	DRAINAGE 1000	BRIDGES X231-24	BRIDGES X031-24	BRIDGES X131-24
20800150	TRENCH BACKFILL	CU YD	89			89			
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	89			89			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	450	225	225				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGE WAYS	TON	100	50	50				
40600895	CONSTRUCTING TEST STRIP	EACH	4	2	2				
40600982	HOT-MIX SURFACE REMOVAL - BUTT JOINT	SQ YD	2998	1492	1546				
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	2046	996	1050				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	31,357	15,636	15,721				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	21,950	10,945	11005				
44000100	PAVEMENT REMOVAL	SQ YD	89			89			
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	456	213	243				
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SQ YD	56	36	20				
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	287	260	27				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	827	271	556				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	360	179	181				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	830	522	308				
44213000	PATCHING REINFORCEMENT	SQ YD	1,480	715	765				
44213200	SAW CUTS	FOOT	6,924	2,944	3,740	240			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,396	1,188	1,208				
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	89			89			
50102400	CONCRETE REMOVAL	CU YD	325.3				197.0	63.7	63.8
50157300	PROTECTIVE SHIELD	SQ YD	11,676				5,025	2,443	4,208
50300225	CONCRETE STRUCTURES	CU YD	6.0				6.0		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	358.8				217.8	69.2	71.8
50300260	BRIDGE DECK GROOVING	SQ YD	15,311				6,255	3,105	5,951
50300300	PROTECTIVE COAT	SQ YD	754				478	120	156
50500605	ADJUST AND REPOSITION BEARINGS	EACH	1				1		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	41,070				27,560	6,600	6,910
50800515	BAR SPLICERS	EACH	364				232	64	68
52000110	PREFORMED JOINT STRIP SEAL	FOOT	1,217				766	297	154
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	40				40		
54002020	EXPANSION BOLTS 3/4 INCH	EACH	460				460		

PLOT DATE = 5/23/2007
FILE NAME = #FILES#
USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.I. 94 (I-94)

SCALE: DATE MAY 2007
DRAWN BY DCS
CHECKED BY

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

URBAN
90% FED./10% STATE

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NB ROADWAY 1000	SB ROADWAY 1000	DRAINAGE 1000	BRIDGES X231-2A	BRIDGES X031-2A	BRIDGES X131-2A
55021600	RECP CL III, TYP 2, REIN. CONC. CULVERT, ST. DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	80			80			
59000200	EPOXY CRACK INJECTION	FOOT	500				300	100	100
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	8			8			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	757			757			
63500105	DELINEATORS	EACH	2385	1193	1202				
64200105	SHOULDER RUMBLE STRIP	FOOT	135,522	67,872	67,650				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	20	10	10				
67100100	MOBILIZATION	L SUM	1	0.4	0.4		0.2		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	16,000	8,000	8,000				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,700	850	850				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,600	2,300	2,300				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	174,596	86,159	88,437				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	27,060	13,732	13,328				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6,112	3,132	2,980				
78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	37,108	18,554	18,554				
* 78008210	POLYUREA PAVEMENT MARKING, TYPE I, 4"	FOOT	5002	2501	2501				
* 78008220	POLYUREA PAVEMENT MARKING, TYPE I, 5"	FOOT	1,252	626	626				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3,710	1,855	1,855				
* 78200510	BARRIER WALL MARKERS, TYPE A	EACH	978	489	489				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	99,220	49,610	49,610				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3,710	1,855	1,855				
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,000	1000					
X0321743	SILICONE JOINT SEALER, 1"	FOOT	107				107		
X0321744	SILICONE JOINT SEALER, 2"	FOOT	1,343				613	260	470
* X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1	0.5	0.5				
* X0322300	ELECTRIC CABLE IN CONDUIT NO.18 4/C, TWISTED, SHIELDED	FOOT	10,133	10,133					
X0322729	MATERIAL TRANSFER DEVICE	TON	37,284	18,672	18,612				
X0322905	PRECAST PRESTRESSED CONCRETE I-BEAM REPAIRS	L SUM	1				1		
X0325114	ADJUSTING DRAINAGE SCUPPERS, TYPE A	EACH	14				6	7	1
X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	699	456	243				
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	1300				1100	100	100
X0325428	CLASS A PATCHES, TYPE II, 10 INCH (SPECIAL)	SO YD	310						

* - SPECIALTY ITEMS

PLOT DATE = 5/23/2007
FILE NAME = #FILEL4
USER NAME = gdfout

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.I. 94 (I-94)

SCALE: _____
DATE MAY 2007

DRAWN BY DCS
CHECKED BY _____

REV.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	6
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

URBAN
90% FED. / 10% STATE

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NB ROADWAY 1000	SB ROADWAY 1000	DRAINAGE 1000	BRIDGES X231-24	BRIDGES X031-24	BRIDGES X131-24
X0325429	CLASS A PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	92	36	56				
X0325430	CLASS A PATCHES, TYPE IV, 10 INCH (SPECIAL)	SQ YD	280	47	233				
* X0325815	REMOVE EXISTING CABLE	FOOT	10,133	10,133					
* X0325816	CONDUIT IN TRENCH, P-DUCT, 1 1/4"	FOOT	1,000	1,000					
		EACH							
		EACH							
X4063000	PRELIMINARY TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	1	1				
X4066580	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	37,284	18,672	18,612				
X4066685	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	30,932	15,491	15,441				
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	13,021	6,521	6,500				
X5050715	JACK AND REMOVE EXISTING BEARINGS	EACH	40				40		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.5	0.5				
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	199	100	99				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48	24	24				
* X8850102	INDUCTION LOOP	FOOT	2,478	2,478					
Z0006110	BRIDGE DECK MICROSILICA CONCRETE OVERLAY	SQ YD	15,368				6,164	3,145	6,059
Z0006204	BRIDGE DECK HYDRO-SCARIFICATION, 1/2"	SQ YD	15,368				6,164	3,145	6,059
Z0010900	COLD MILLING (SPECIAL)	FOOT	89,785	44,799	44,986				
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	79				32	16	31
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	713				290	144	279
NP Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	757			757			
Z0018800	DRAINAGE SYSTEM	L. SUM	1				1		
Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	6	3	3				
Z0030360	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3	EACH	14	7	7				
Z0031200	JACKING AND CRIBBING	EACH	2				2		
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	152						152
Z0075315	TIE BARS 5/8"	EACH	318	133	185				
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	1	3				
* 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	5	2	3				

NP = NON-PARTICIPATING
* = SPECIALTY ITEMS

PLOT DATE = 05/22/2007
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = default

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.I. 94 (I-94)

SCALE: DATE JAN 2007 DRAWN BY DCS CHECKED BY

SUMMARY OF QUANTITIES

URBAN
 90% FED. / 10% STATE

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NB ROADWAY 1000	SB ROADWAY 1000	DRAINAGE 1000	BRIDGES X231-24	BRIDGES X031-24	BRIDGES X131-24
X0325821	CONCRETE BARRIER WALL REMOVAL AND REPLACEMENT (FULL DEPTH REPAIR)	FEET	55	30	25				
X0325822	CONCRETE BARRIER WALL REMOVAL AND REPLACEMENT (PARTIAL DEPTH REPAIR)	FEET	397	232	165				
44000155	HOT MIX ASPHALT SURFACE REMOVAL, 1-1/2"	SQ YD	1164	859	295				
44000165	HOT MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	2493	1202	1291				
50500505	STUD SHEAR CONNECTORS	EACH	720				720		
52100520	ANCHOR BOLTS, 1"	EACH	40				40		
55019500	STORM SEWERS, TYPE I, RCCP CL IV, 12"	FT	80			80			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	.5	.5				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	.5	.5				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	.5	.5				
70300220	TEMPORARY PAVEMENT MARKING, 4"	FEET	680499	680499					
70300230	TEMPORARY PAVEMENT MARKING, 5"	FEET	75611	75611					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	258338	258338					
* 78008240	POLYUREA PAVEMENT MARKING, TYPE I, 8" LINE	FEET	6765	6765					
* 78008250	POLYUREA PAVEMENT MARKING, TYPE I, 12" LINE	FEET	1528	1528					
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	791	791					
52100530	ANCHOR BOLTS, 1-1/4"	EACH	40				40		
0 20076600	TRAINEES	HOUR	5,000	5,000					
20010400	CLEANING BRIDGE SEATS	SQ FT	605				605		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	47,496	23,880	23,616				
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	108,608	55,446	53,162				

04080

*SPECIALTY ITEMS

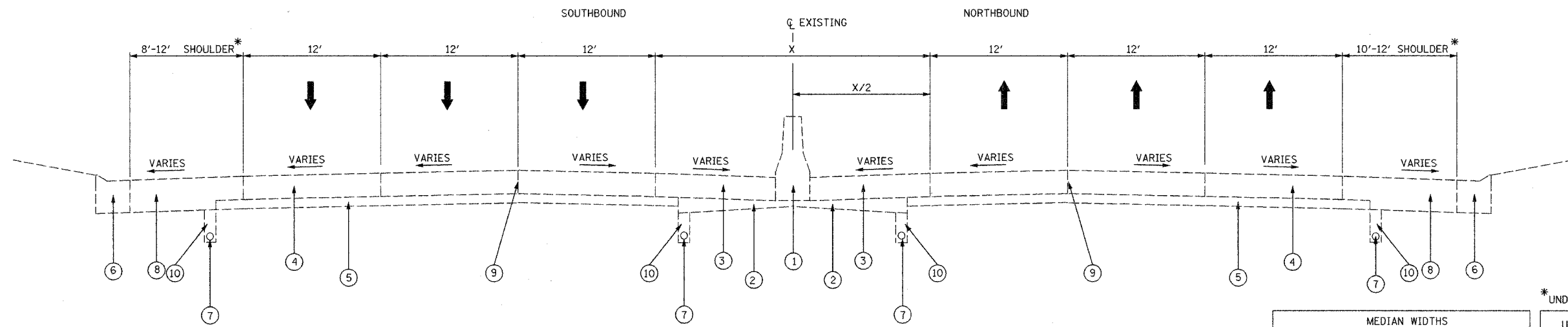
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 USER NAME : #GBCOUT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 F.A.I. 94 (I-94)
 SCALE: DATE JUNE 2007
 DRAWN BY CHECKED BY

Edens I 94 Resurfacing Project

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	7
STA. 83+05.24 S TO STA. 62+40 S				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



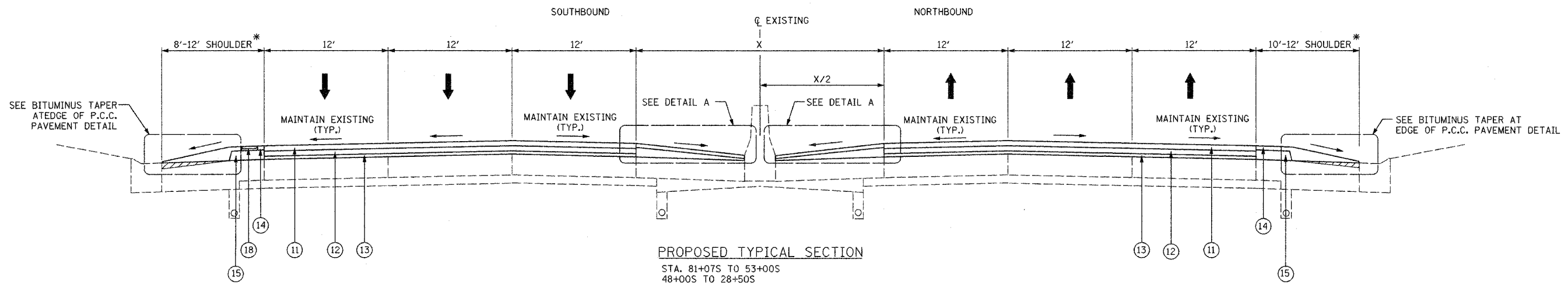
EXISTING TYPICAL SECTION

STA. 81+07S TO 53+00S
 48+00S TO 28+50S
 27+30S TO 16+60S
 48+00 TO 62+40

MEDIAN WIDTHS	
LOCATION	X
86+00S TO 82+36S	12'
82+36S TO 79+85S	12' TO 15'
79+85S TO 73+48S	15'
73+49S TO 69+46S	15' TO 12'
69+46S TO 14+29	12'
14+29 TO 26+67	12' TO 25'
26+67 TO 297+16.87	25'

*UNDERPASS SHOULDER WIDTHS NOT INCLUDED

UNDERPASS SHOULDER WIDTHS		
LOCATION	WIDTH	
	NB	SB
C&NW RR	10'	5'
ELSTON AVE	10.5'	10'
FOSTER AVE	10.5'	10'
FOREST PRESERVE DR	3'	10'
PRATT AVE.	9'	9'



PROPOSED TYPICAL SECTION

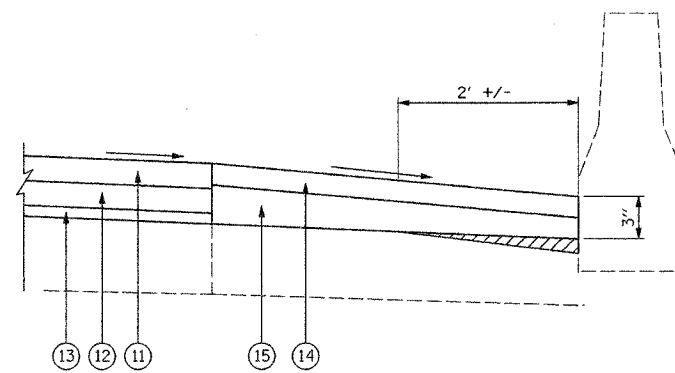
STA. 81+07S TO 53+00S
 48+00S TO 28+50S
 27+30S TO 16+60S
 48+00 TO 62+40

EXISTING LEGEND:

- ① EXISTING CONCRETE BARRIER
- ② EXISTING GRANULAR SUB-BASE
- ③ EXISTING BITUMINOUS SHOULDERS
- ④ EXISTING P.C.C. PAVEMENT, 10"
- ⑤ EXISTING SUB-BASE
- ⑥ EXISTING CONC. GUTTER TYPE-E OR COMB. CONC. C. & G. TY. M-6.24
- ⑦ EXISTING PIPE UNDERDRAIN
- ⑧ EXISTING BITUMINOUS SHOULDER, 13"
- ⑨ LONGITUDINAL JOINT
- ⑩ BACKFILL FOR UNDERDRAIN

PROPOSED LEGEND:

- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑫ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑬ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
- ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE A
- ⑰ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑱ PROPOSED RUMBLE STRIPS



DETAIL A
N.T.S.

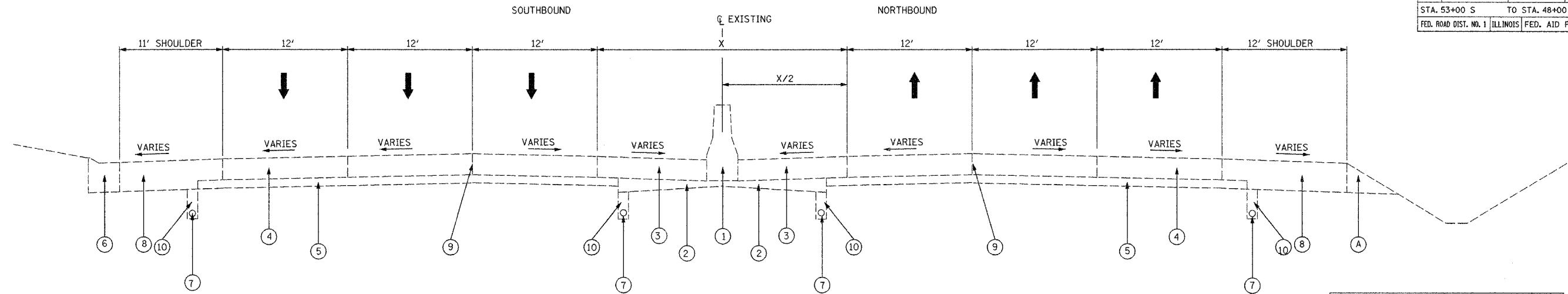
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING AND PROPOSED
 TYPICAL SECTIONS
 F.A.I. 94 (I-94)

SCALE: N.T.S.
 DATE: MAY 2007

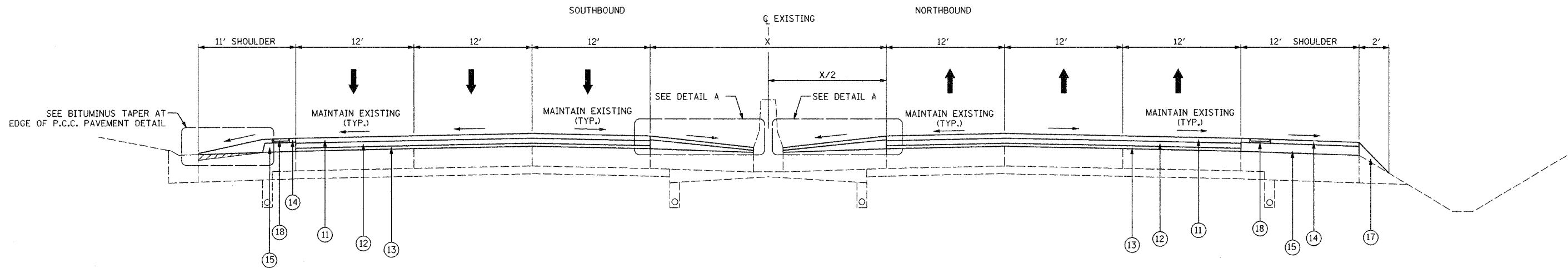
DRAWN BY JW
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	8
STA. 53+00 S		TO STA. 48+00 S		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION
STA. 53+00S TO 48+00S

MEDIAN WIDTHS	
LOCATION	WIDTH
86+00S TO 82+36S	12'
82+36S TO 79+85S	12' TO 15'
79+85S TO 73+48S	15'
73+49S TO 69+46S	15' TO 12'
69+46S TO 14+29	12'
14+29 TO 26+67	12' TO 25'
26+67 TO 297+16.87	25'



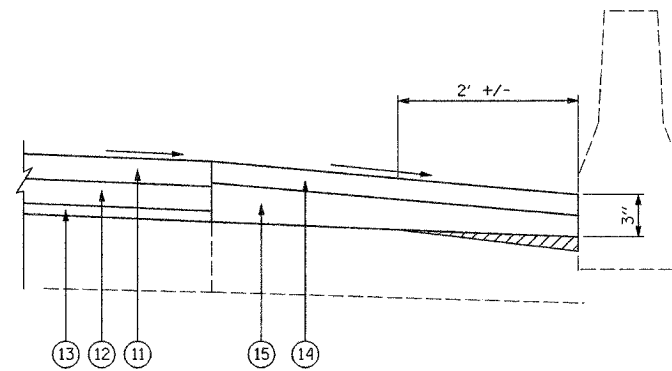
PROPOSED TYPICAL SECTION
STA. 53+00S TO 48+00S

EXISTING LEGEND:

- ① EXISTING CONCRETE BARRIER
- ② EXISTING GRANULAR SUB-BASE
- ③ EXISTING BITUMINOUS SHOULDERS
- ④ EXISTING P.C.C. PAVEMENT, 10"
- ⑤ EXISTING SUB-BASE
- ⑥ EXISTING CONC. GUTTER TYPE-E OR COMB. CONC. C. & G. TY. M-6.24
- ⑦ EXISTING PIPE UNDERDRAIN
- ⑧ EXISTING BITUMINOUS SHOULDER, 13"
- ⑨ LONGITUDINAL JOINT
- ⑩ BACKFILL FOR UNDERDRAIN
- Ⓐ EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND:

- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑫ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑬ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
- ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE A
- ⑰ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑱ PROPOSED RUMBLE STRIPS



DETAIL A
N.T.S.

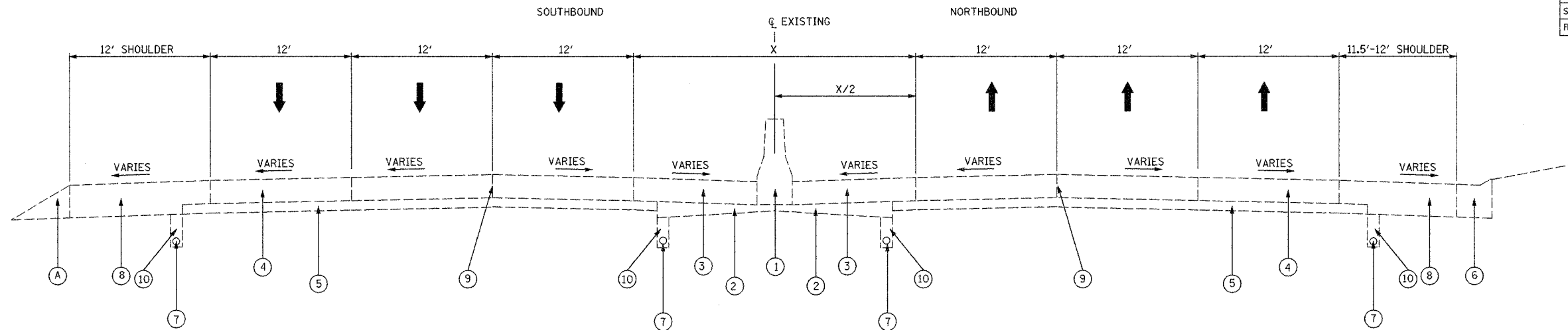
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING AND PROPOSED
TYPICAL SECTIONS
F.A.I. 94 (I-94)

SCALE: N.T.S.
DATE: MAY 2007

DRAWN BY DCS
CHECKED BY

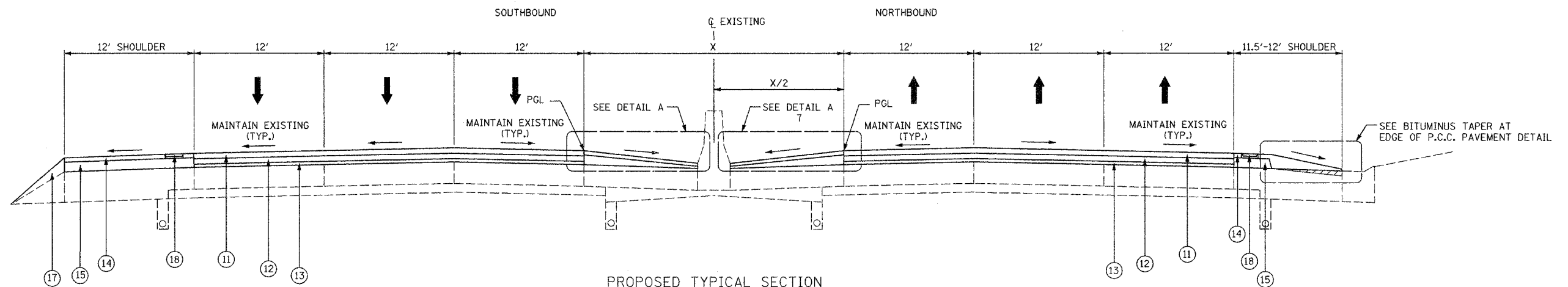
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	9
STA. 28+50 S		TO STA. 13+80 S		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA. 28+50S TO 27+30S
STA. 16+60S TO 13+80S

MEDIAN WIDTHS	
LOCATION	X
86+00S TO 82+36S	12'
82+36S TO 79+85S	12' TO 15'
79+85S TO 73+48S	15'
73+49S TO 69+46S	15' TO 12'
69+46S TO 14+29	12'
14+29 TO 26+67	12' TO 25'
26+67 TO 297+16.87	25'



PROPOSED TYPICAL SECTION

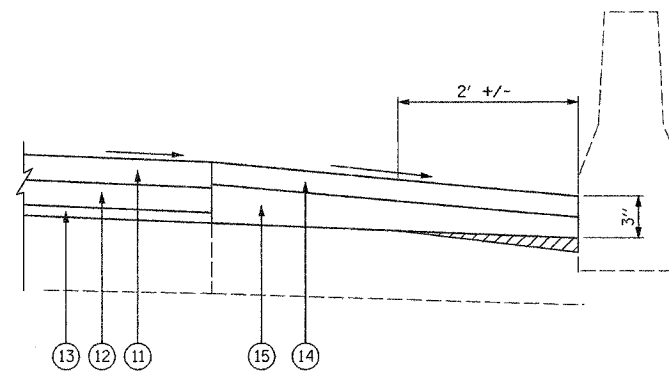
STA. 28+50S TO 27+30S
STA. 16+60S TO 13+80S

EXISTING LEGEND:

- ① EXISTING CONCRETE BARRIER
- ② EXISTING GRANULAR SUB-BASE
- ③ EXISTING BITUMINOUS SHOULDERS
- ④ EXISTING P.C.C. PAVEMENT, 10"
- ⑤ EXISTING SUB-BASE
- ⑥ EXISTING CONC. GUTTER TYPE-E OR COMB. CONC. C. & G. TY. M-6.24
- ⑦ EXISTING PIPE UNDERDRAIN
- ⑧ EXISTING BITUMINOUS SHOULDER, 13"
- ⑨ LONGITUDINAL JOINT
- ⑩ BACKFILL FOR UNDERDRAIN
- Ⓐ EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND:

- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑫ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑬ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
- ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE A
- ⑰ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑱ PROPOSED RUMBLE STRIPS



DETAIL A
N.T.S.

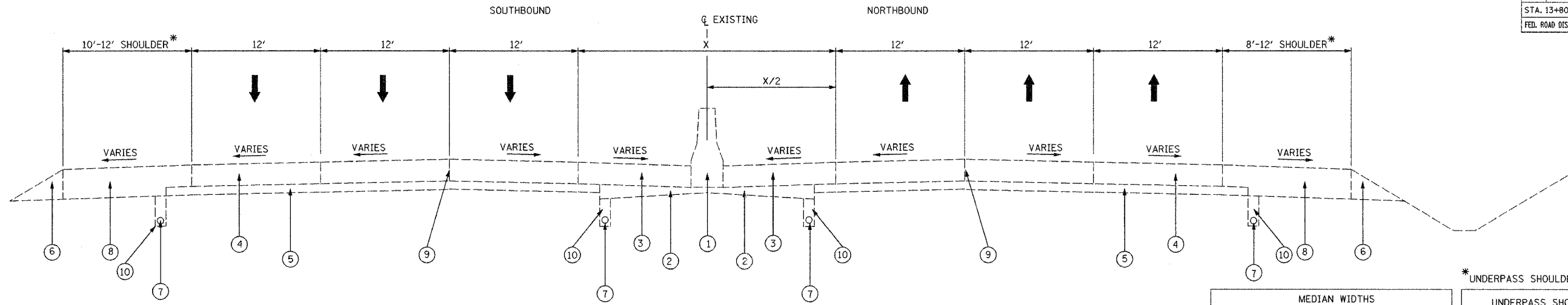
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING AND PROPOSED TYPICAL SECTIONS
F.A.I. 94 (I-94)

SCALE: N.T.S. DRAWN BY DCS
DATE: MAY 2007 CHECKED BY

Edens I 94 Resurfacing Project

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	10
STA. 13+80 S		TO STA. 296+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

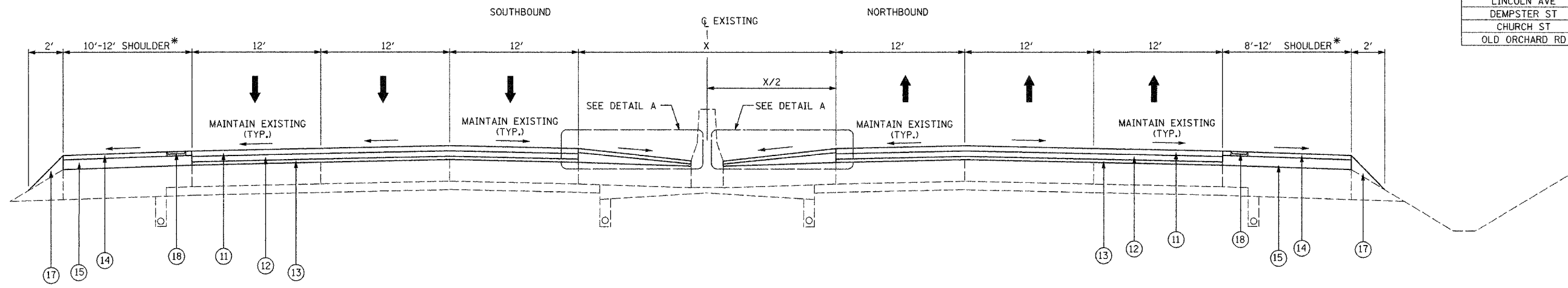


EXISTING TYPICAL SECTION
 STA. 13+80S TO 48+00
 STA. 62+40 TO 297+00

MEDIAN WIDTHS	
LOCATION	X
86+00S TO 82+36S	12'
82+36S TO 79+85S	12' TO 15'
79+85S TO 73+48S	15'
73+49S TO 69+46S	15' TO 12'
69+46S TO 14+29	12'
14+29 TO 26+67	12' TO 25'
26+67 TO 297+16.87	25'

*UNDERPASS SHOULDER WIDTHS NOT INCLUDED

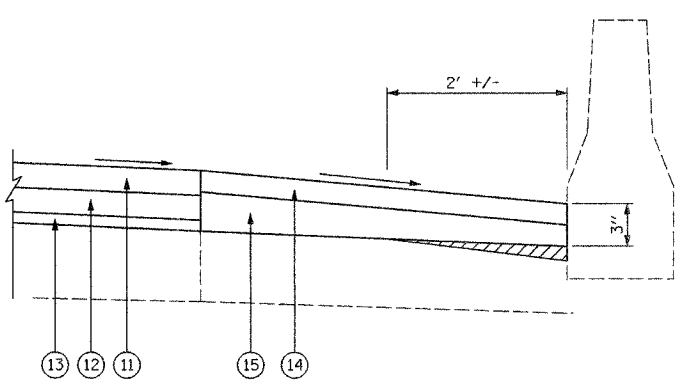
LOCATION	WIDTH	
	NB	SB
PETERSON AVE	4'	3'
DEVON AVE	10.5'	9'
TOUHY AVE	4'	2'
NILES CENTER RD	9.5'	10'
GROSS POINT RD	9'	11'
OAKTON ST	10'	11'
LINCOLN AVE	10'	10'
DEMPSTER ST	4.5'	0'
CHURCH ST	10'	10.5'
OLD ORCHARD RD	10'	9'



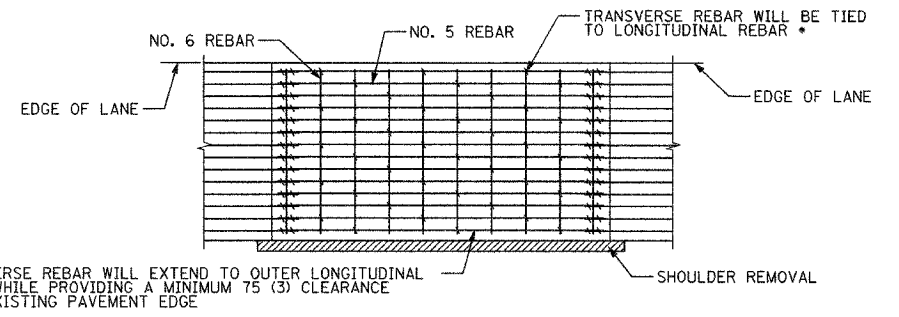
PROPOSED TYPICAL SECTION
 STA. 13+80S TO 48+00
 STA. 62+40 TO 297+00

- EXISTING LEGEND:**
- ① EXISTING CONCRETE BARRIER
 - ② EXISTING GRANULAR SUB-BASE
 - ③ EXISTING BITUMINOUS SHOULDERS
 - ④ EXISTING P.C.C. PAVEMENT, 10"
 - ⑤ EXISTING SUB-BASE
 - ⑥ EXISTING AGGREGATE SHOULDER
 - ⑦ EXISTING PIPE UNDERDRAIN
 - ⑧ EXISTING BITUMINOUS SHOULDER, 13"
 - ⑨ LONGITUDINAL JOINT
 - ⑩ BACKFILL FOR UNDERDRAIN

- PROPOSED LEGEND:**
- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
 - ⑫ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
 - ⑬ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
 - ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
 - ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE A
 - ⑰ PROPOSED AGGREGATE SHOULDER, TYPE B
 - ⑱ PROPOSED RUMBLE STRIPS



DETAIL A
 N.T.S.



PAVEMENT REINFORCEMENT DETAIL

* EVERY 3RD INTERSECTION MUST BE TIED

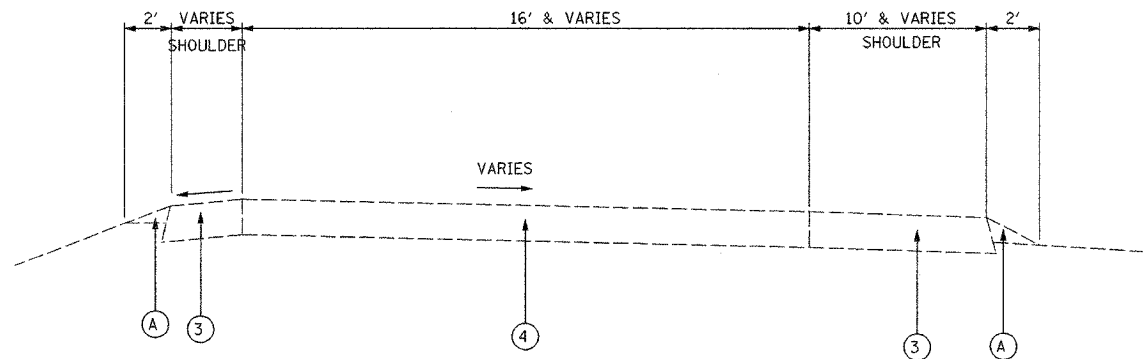
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING AND PROPOSED
 TYPICAL SECTIONS
 F.A.I. 94 (I-94)

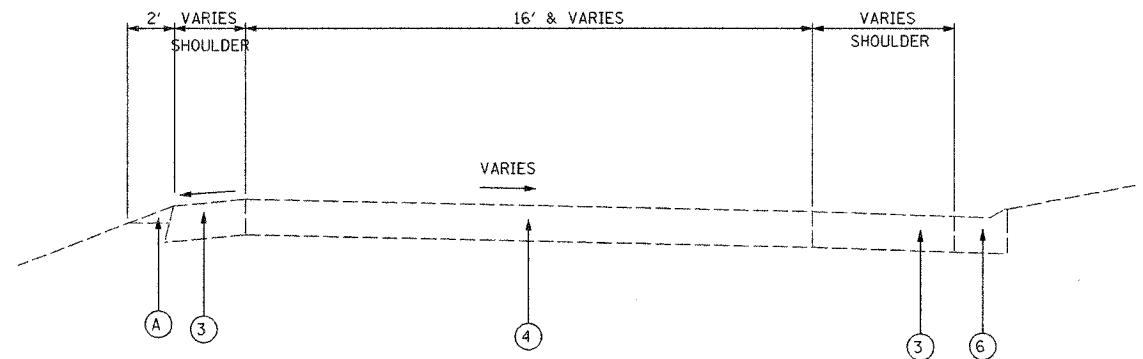
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 DATE: MAY 2007 CHECKED BY

PLOT DATE = 05/22/2007
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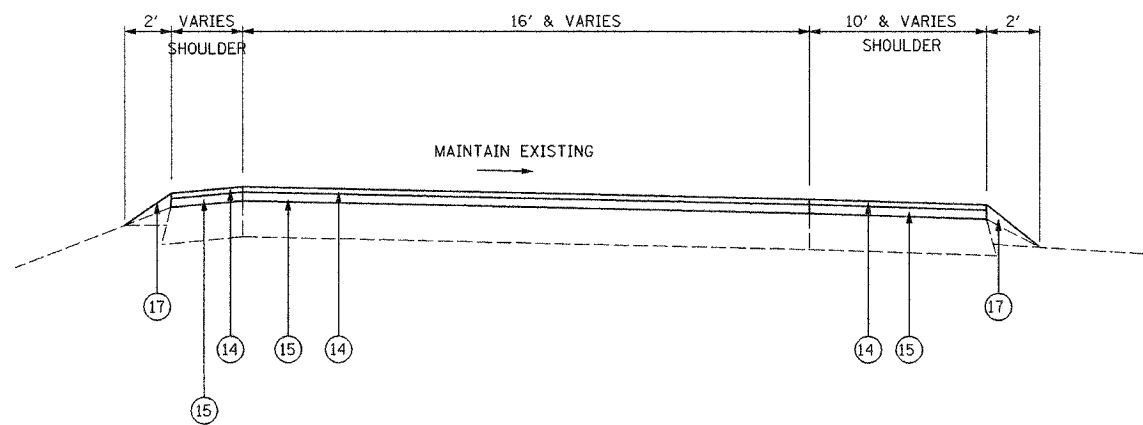
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	11
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



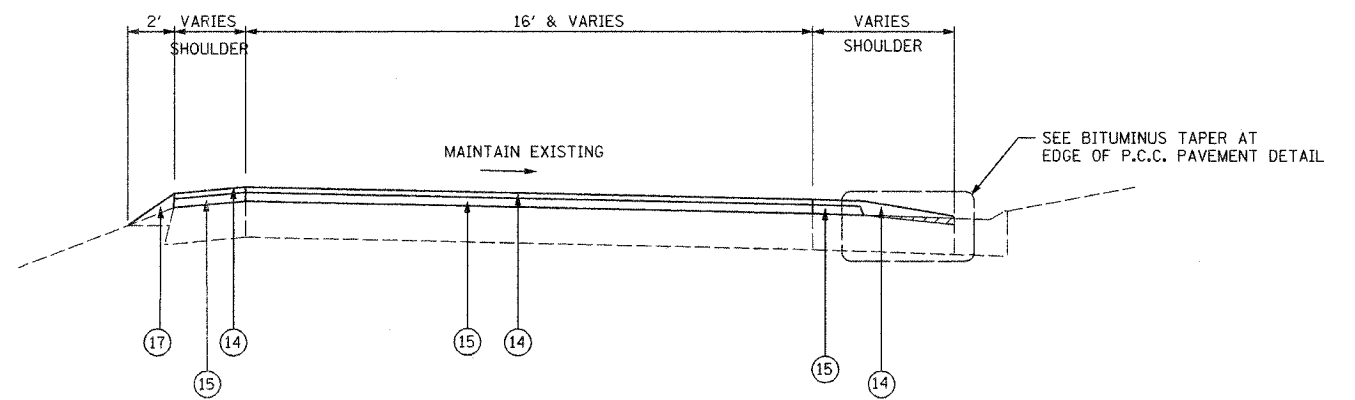
EXISTING TYPICAL SECTION AT RAMPS
SB ELSTON AVE. ENTRANCE RAMP



EXISTING TYPICAL SECTION AT RAMPS
SB CALDWELL AVE ENTRANCE RAMP (SOUTH OF BRIDGE)
SB CICERO AVE. EXIT RAMP



PROPOSED TYPICAL SECTION AT RAMPS
SB ELSTON AVE. ENTRANCE RAMP



PROPOSED TYPICAL SECTION AT RAMPS
SB CALDWELL AVE ENTRANCE RAMP (SOUTH OF BRIDGE)
SB CICERO AVE. EXIT RAMP

EXISTING LEGEND:

- 1 EXISTING CONCRETE BARRIER
- 2 EXISTING GRANULAR SUB-BASE
- 3 EXISTING BITUMINOUS SHOULDERS
- 4 EXISTING P.C.C. PAVEMENT, 10"
- 5 EXISTING SUB-BASE
- 6 EXISTING CONC. GUTTER TYPE-E OR COMB. CONC. C. & G. TY. M-6.24
- 7 EXISTING PIPE UNDERDRAIN
- 8 EXISTING BITUMINOUS SHOULDER, 13"
- 9 LONGITUDINAL JOINT
- 10 BACKFILL FOR UNDERDRAIN
- A EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND:

- 11 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- 12 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- 13 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 14 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
- 15 HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
- 16 PROPOSED BARRIER WALL REFLECTORS, TYPE A
- 17 PROPOSED AGGREGATE SHOULDER, TYPE B

REVISIONS	
NAME	DATE

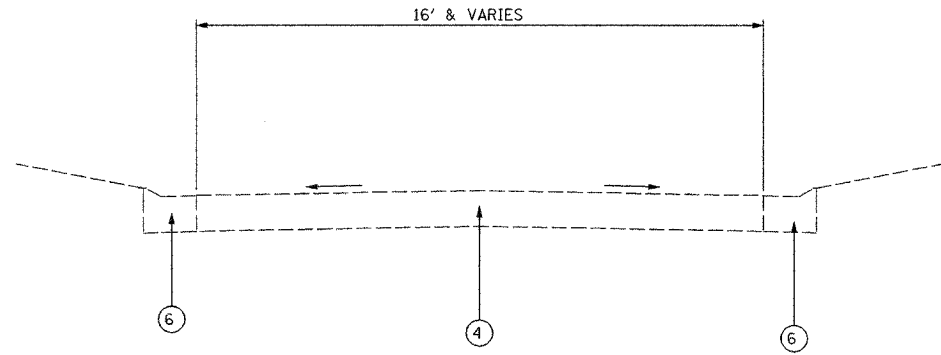
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING AND PROPOSED
TYPICAL SECTIONS
F.A.I. 94 (I-94)

SCALE: N.T.S.
DATE: MAY 2007

DRAWN BY DCS
CHECKED BY

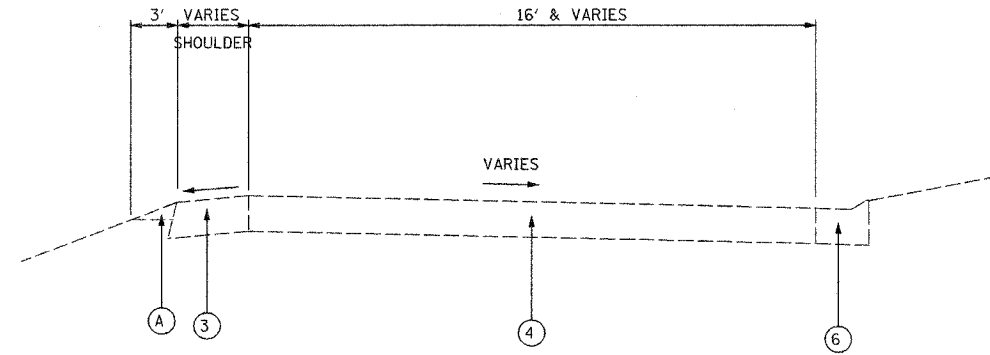
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USER NAME = default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



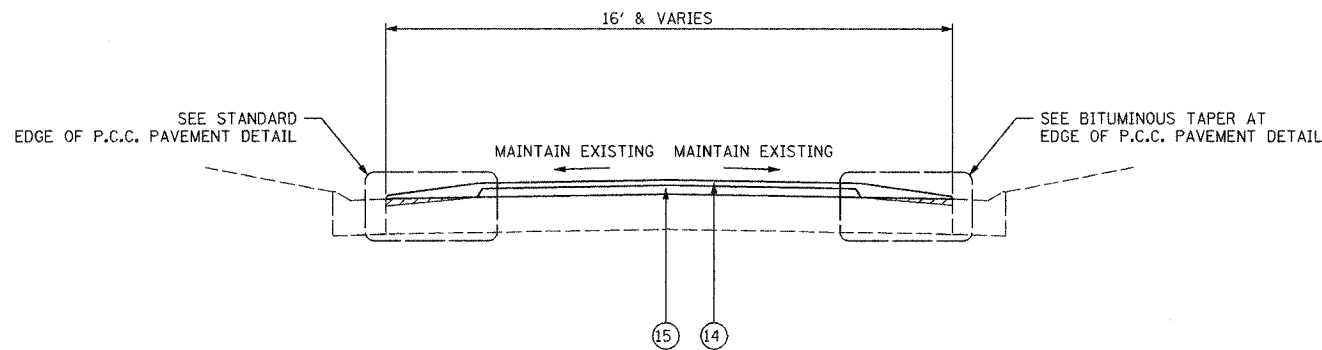
EXISTING TYPICAL SECTION AT RAMPS

NB & SB TOUHY AVE. RAMPS
 NB & SB DEMPSTER AVE. RAMPS
 SB OLD ORCHARD RD. RAMPS
 NB OLD ORCHARD RD. EXIT RAMP
 SB CALDWELL AVE. EXIT RAMP
 SB CALDWELL AVE. ENTRANCE RAMP (NORTH OF BRIDGE)



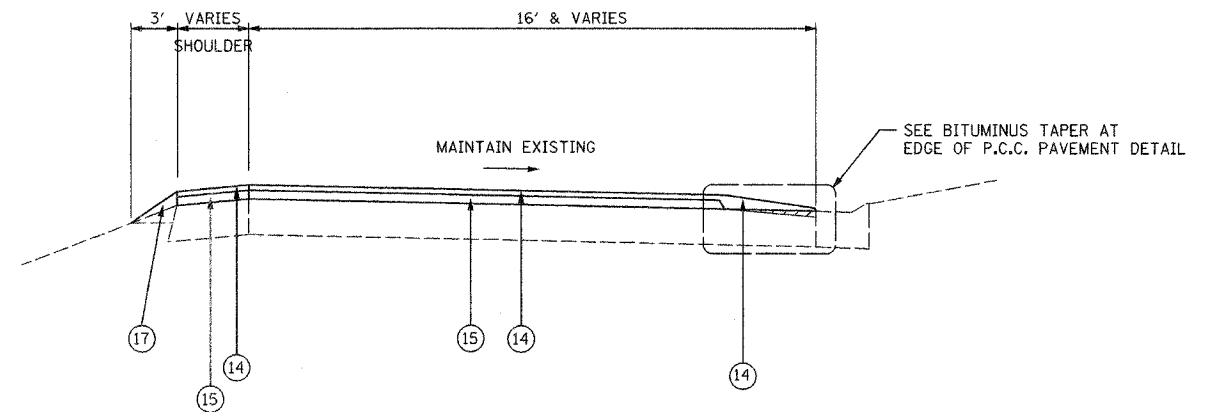
EXISTING TYPICAL SECTION AT RAMPS

NB FOSTER AVE RAMPS



PROPOSED TYPICAL SECTION AT RAMPS

NB & SB TOUHY AVE. RAMPS
 NB & SB DEMPSTER AVE. RAMPS
 NB OLD ORCHARD RD. EXIT RAMP
 SB OLD ORCHARD RD. RAMPS
 SB CALDWELL AVE. EXIT RAMP
 SB CALDWELL AVE. ENTRANCE RAMP (NORTH OF BRIDGE)



PROPOSED TYPICAL SECTION AT RAMPS

NB FOSTER AVE RAMPS

EXISTING LEGEND:

- ① EXISTING CONCRETE BARRIER
- ② EXISTING GRANULAR SUB-BASE
- ③ EXISTING BITUMINOUS SHOULDERS
- ④ EXISTING P.C.C. PAVEMENT, 10"
- ⑤ EXISTING SUB-BASE
- ⑥ EXISTING CONC. GUTTER TYPE-E OR COMB. CONC. C. & G. TY. M-6.24
- ⑦ EXISTING PIPE UNDERDRAIN
- ⑧ EXISTING BITUMINOUS SHOULDER, 13"
- ⑨ LONGITUDINAL JOINT
- ⑩ BACKFILL FOR UNDERDRAIN
- Ⓐ EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND:

- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑫ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 1-3/4"
- ⑬ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-3/4"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-16, N70, VARIES 2-1/4" TO 2-3/4"
- ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE A
- ⑰ PROPOSED AGGREGATE SHOULDER, TYPE B

PLT DATE = 05/22/2007
 FILE NAME = 05/22/07
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING AND PROPOSED
 TYPICAL SECTIONS
 F.A.I. 94 (I-94)

SCALE:
 DATE MAY 2007

DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	13
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

NORTH BOUND I 94 LEVELING BINDER AND BASE SUGGESTED PAVING SEQUENCE

12' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 DAY-TIME		11.5' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		11' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		10.5' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		10.0' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		EXISTING SHOULDER IS LESS PAVE LAST DURING OPERATION 2 NIGHT-TIME	
Edge of MOT Traffic Lane is 2' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 1.5' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 1' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 0.5' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is at the Edge of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is Inside of I-94 Lane 2	FEET
						70+35S TO 55+52S	1483			81+07.54S to 70+35S	1073
55+52S TO 26+10	8162					26+10 TO 29+00	290				
29+00 TO 47+30	1830							47+30 TO 52+65	535	62+65 TO 66+53	388
59+00 TO 110+65	5165			110+65 TO 113+47	282	56+53 TO 59+00	247			113+47 TO 116+88	341
116+88 TO 145+00	2812									145+00 TO 158+00	1300
158+00 TO 180+00	2200							180+00 TO 189+00	900		
189+00 TO 234+30	4530							234+30 TO 240+35	605		
250+00 TO 293+00	4300			240+35 TO 250+00	965					293+00 TO 297+00	400
TOTALS FOR 62747 NORTH BOUND	28999	0		1247		2020		2040		3602	

SOUTH BOUND I 94 LEVELING BINDER AND BASE SUGGESTED PAVING SEQUENCE

12' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 DAY-TIME		11.5' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		11' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		10.5' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		10.0' WIDE EXISTING SHOULDER PAVE DURING OPERATION 2 NIGHT-TIME		EXISTING SHOULDER IS LESS PAVE LAST DURING OPERATION 2 NIGHT-TIME	
Edge of MOT Traffic Lane is 2' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 1.5' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 1' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is 0.5' outside of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is at the Edge of I-94 Lane 2	FEET	Edge of MOT Traffic Lane is Inside of I-94 Lane 2	FEET
77+00S TO 71+00S	600									82+00S TO 77+00S	408
				51+65S TO 48+00S	365			71+00S TO 51+65S	1935		
				42+65S TO 31+50S	1115			48+00S TO 42+65S	535		
31+50S TO 16+00S	1550							16+00S TO 5+30S	1070		
5+30S TO 5+00N	1030							5+00 TO 25+00	2000	25+00 TO 28+70	370
				28+70 TO 46+00	1730					46+00 TO 63+70	1770
68+35 TO 112+00	4365			63+70 TO 68+35	465						
				116+35 TO 181+00	6465			112+00 TO 116+35	435		
				185+35 TO 195+35	1000			181+00 TO 185+35	435		
195+35 TO 226+00	3065			226+00 TO 236+00	1000						
				240+20 TO 272+35	3215	236+00 TO 240+20	420				
272+35 TO 293+00	2065									293+00 TO 297+00	400
TOTALS FOR 62747 SOUTH BOUND	12675	0		15355		420		6410		2948	

GENERAL NOTES - TRAFFIC CONTROL

1. THE FOLLOWING STANDARDS WILL BE USED PRIOR TO THE CONSTRUCTION AREA. ALL WORK TO BE PERFORMED USING IDOT STANDARD 701400 AND THEN STANDARD 701401 FOLLOWED BY A LANE WIDTH REDUCTION FOR TWO LANES FROM 12' TO 11' USING A 35:1 TAPER. THE DISTRICT ONE "TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE" WILL BE USED FOR LANE SHIFTS IN THE CONSTRUCTION ZONE.
2. LANE CLOSURES WILL BE ALLOWED AS DETAILED IN THE SPECIAL PROVISIONS FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."
3. AT THE END OF EACH SHIFT THE CONTRACTOR SHALL SWEEP AND REMOVE DEBRIS. PLACE TEMPORARY PAVEMENT MARKING AS NECESSARY AND REMOVE TRAFFIC CONTROL.
4. CREWS MAY WORK IN THE NORTHBOUND AND SOUTHBOUND LANES SIMULTANEOUSLY
5. SEE IDOT STANDARDS 701400, 701401 AND "TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE" FOR BARRICADE PLACEMENT, SIGNAGE, AND PAVEMENT MARKING REQUIREMENTS.

TEMPORARY PAVEMENT MARKING SCHEDULE

ITEM	UNIT	STAGE I	STAGE II	STAGE III	Total
PAVEMENT MARKING REMOVAL	SQ FT	33079	25203	7370	65652
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EA	1769	2110	0	3878
TEMPORARY PAVEMENT MARKING, 4"	FT	226829	302451	151219	680499
TEMPORARY PAVEMENT MARKING, 5"	FT	18902	37806	18902	75611
WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	83486	116570	58282	258338
POLYUREA PAVEMENT MARKING, TYPE I, 4" LINE	FT	87298			87298
POLYUREA PAVEMENT MARKING, TYPE I, 5" LINE	FT	18590			18590
POLYUREA PAVEMENT MARKING, TYPE I, 8" LINE	FT	6765			6765
POLYUREA PAVEMENT MARKING, TYPE I, 12" LINE	FT	1528			1528

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUGGESTED TRAFFIC CONTROL AND PROTECTION F.A.I. 94 EDENS EXPRESSWAY
NAME	DATE	

SCALE: DRAWN BY DCS
DATE JUNE 2007 CHECKED BY

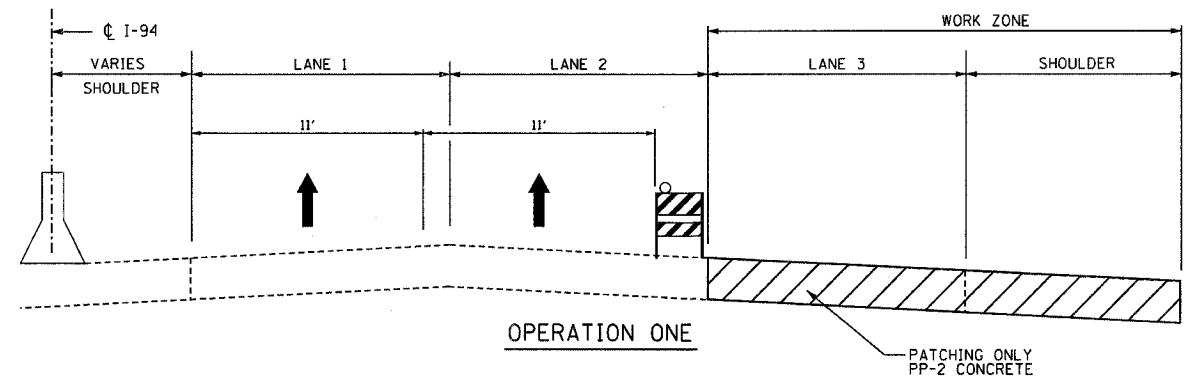
Edens I 94 Resurfacing Project

PLT DATE = 6/18/07
FILE NAME = 62747.R
PLOT SCALE = 1/8"=1'-0"
USER NAME =

STAGE I: 2007

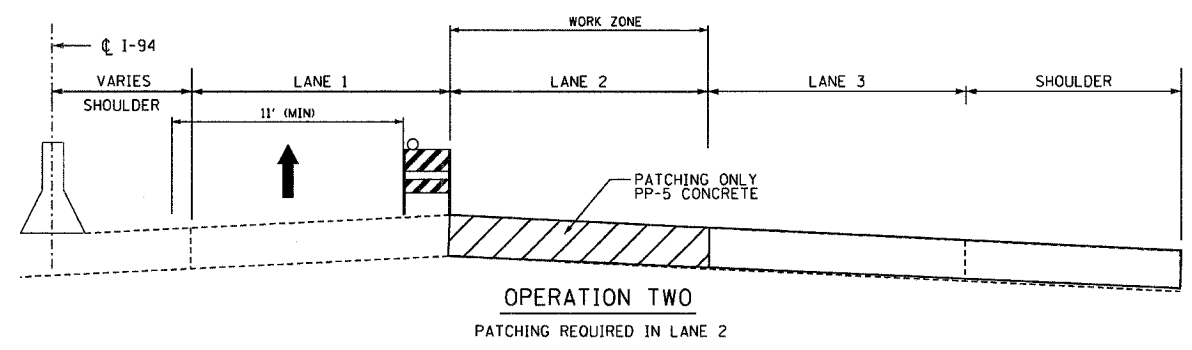
WEEKDAY OPERATIONS:

WORK SEQUENCE:
 APPLY TEMPORARY PAVEMENT MARKING LANES 1 & 2
 (LANE CLOSURES ALLOWED AS DETAILED IN THE SPECIAL PROVISIONS)
 COMPLETE PATCH OPERATIONS LANE 3 AND OUTSIDE SHOULDER WHERE SPECIFIED
 COMPLETE JOINT REPAIR BETWEEN LANE 3 & SHOULDER AT LOCATIONS SPECIFIED IN SCHEDULE
 REMOVE TEMPORARY PAVEMENT MARKING LANES 1 & 2



WEEKEND OPERATIONS:

APPLY TEMPORARY PAVEMENT MARKING LANE 1
 (LANE CLOSURES ALLOWED AS DETAILED IN THE SPECIAL PROVISIONS)
 COMPLETE PATCH OPERATIONS LANE 2 USING PP-5 CONCRETE
 REMOVE TEMPORARY PAVEMENT MARKING LANES 1



PLOT DATE = 6/18/2007
 FILE NAME = *FILEL*
 PLOT SCALE = *SCALE*
 USER NAME = *DEFAULT*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 N.T.S.
 TRAFFIC CONTROL
 AND PROTECTION
 F.A.I. 94 EDENS EXPRESSWAY
 TYPICAL SECTIONS PER SEGMENT

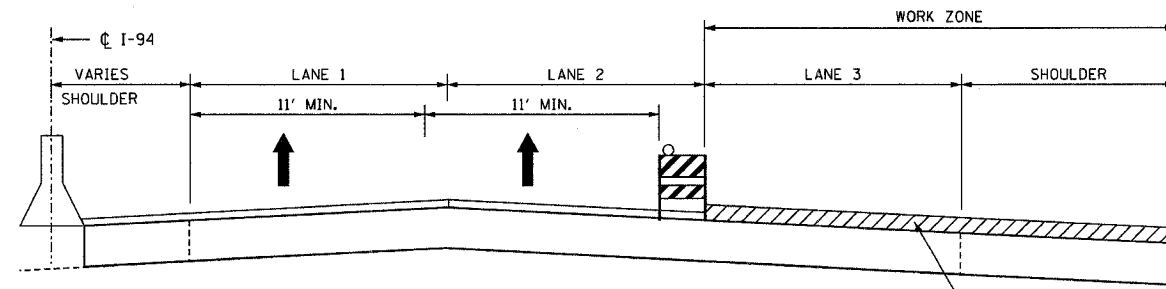
SCALE: _____ DRAWN BY _____
 DATE JUNE 2007 CHECKED BY _____

CONTRACT NO. 62747				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

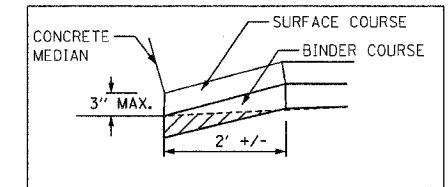
STAGE III: 2008

WORK SEQUENCE:

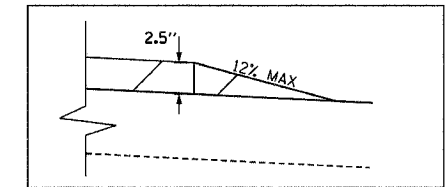
- APPLY TEMPORARY PAVEMENT MARKING LANES 1 & 2
- MILL SHOULDER IN CURB AND GUTTER AREAS
- ADJUST STRUCTURE FRAMES AND LIDS
- APPLY LEVELING BINDER, BINDER COURSE & SURFACE COURSE
- INSTALL RUMBLE STRIPS
- APPLY PERMANENT PAVEMENT MARKING FOR OUTSIDE EOP AND SHOULDER



DAY OPERATION



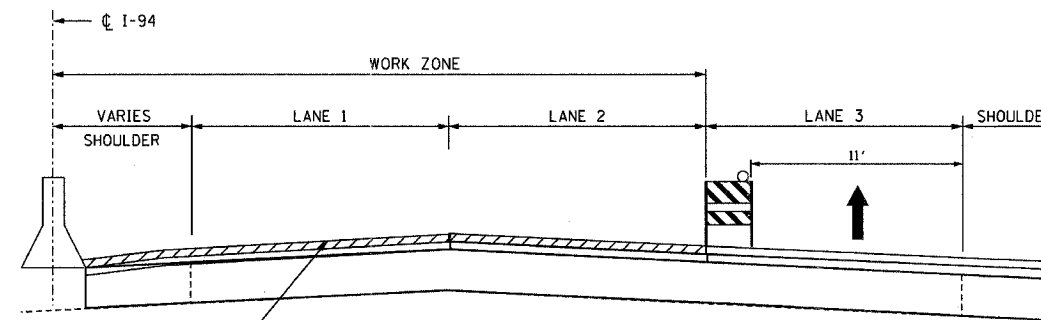
MEDIAN BARRIER DETAIL



WEDGE DETAIL

STAGE IV: 2008

- APPLY SURFACE COURSE
- INSTALL RUMBLE STRIPS
- APPLY PAVEMENT MARKING
- APPLY RAISED REFLECTIVE PAVEMENT MARKERS



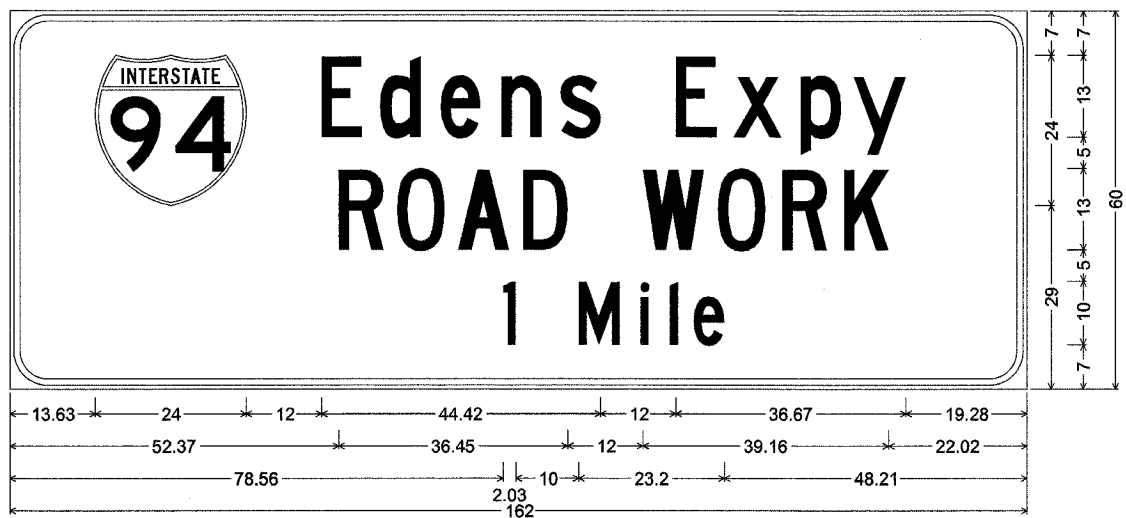
NIGHT OPERATION

NOTE:
CONTRACTOR TO FOLLOW STANDARD SPECIFICATION 603.07 "PROTECTION UNDER TRAFFIC" FOR FRAME AND LID ADJUSTMENT BEFORE LANE 1 CAN BE OPENED TO TRAFFIC

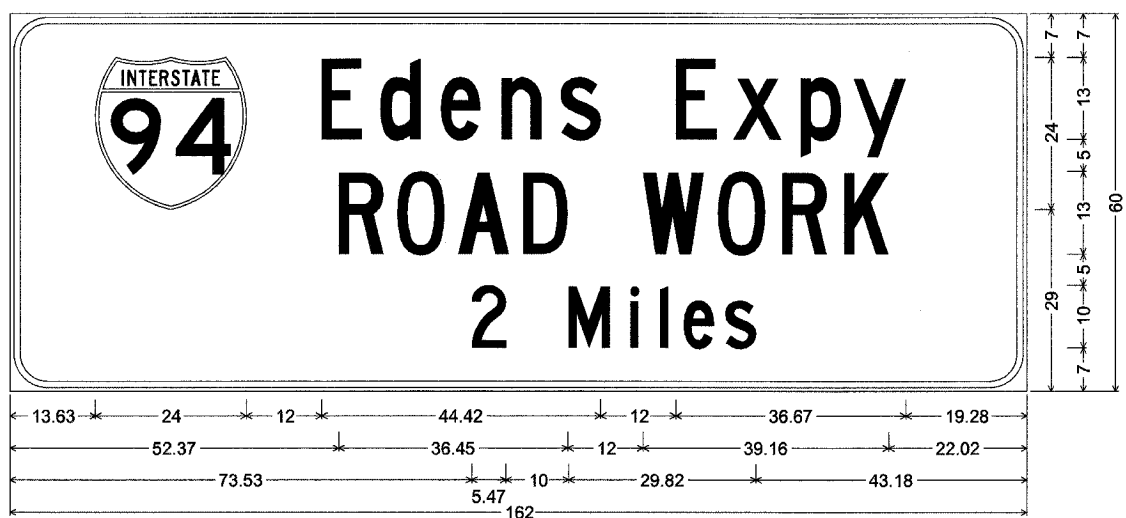
PLOT DATE = 6/18/2007
PLOT SCALE = #SCALE#
USER NAME = default

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND PROTECTION F.A.I. 94 EDENS EXPRESSWAY TYPICAL SECTIONS PER SEGMENT
NAME	DATE	
		SCALE: N.T.S. DATE: JUNE 2007
DRAWN BY		CHECKED BY

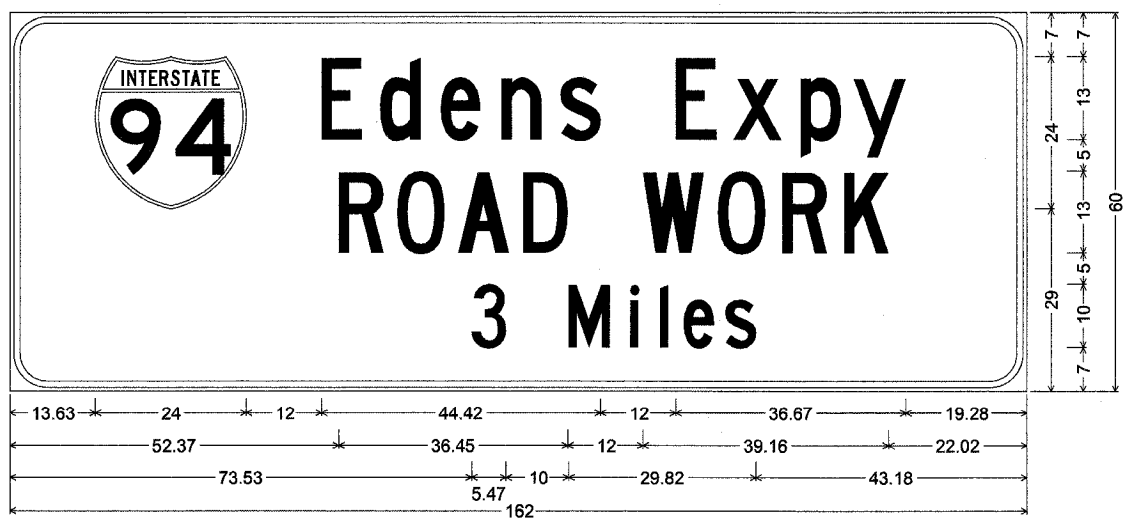
Edens I 94 Resurfacing Project



6.00" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [Edens] C; [Expy] C; [ROAD] C; [WORK] C; [1 Mile] C;



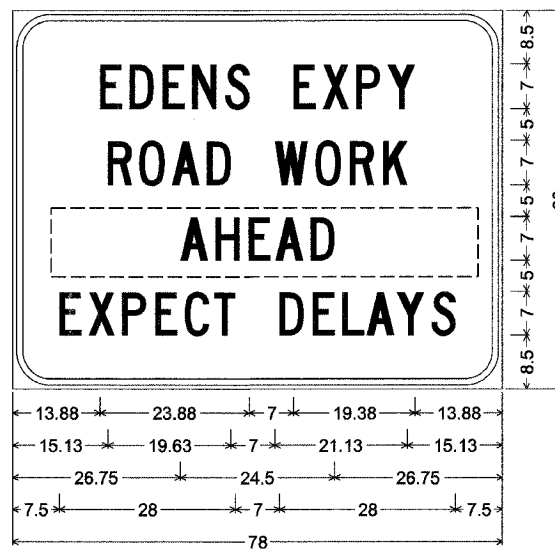
6.00" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [Edens] C; [Expy] C; [ROAD] C; [WORK] C; [2 Miles] C;



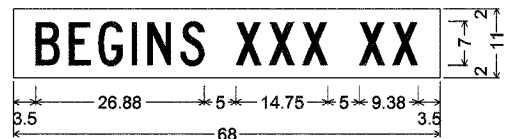
6.00" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [Edens] C; [Expy] C; [ROAD] C; [WORK] C; [3 Miles] C;



E1-1 (1.4) Ill; 6.00" Radius, 1.00" Border, 0.63" Indent, White on Green;
 [Cicero] E Mod; [Ave] E Mod; [EXIT] E; [AHEAD] E;



6.00" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 [EDENS EXPY] C; [ROAD WORK] C; [AHEAD] C;
 [EXPECT DELAYS] C;



No border, Orange;
 [BEGINS] Black C; [XXX] Black C;
 [XX] Black C;

- NOTES:
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
 3. ERECT SIGN 1 WITH INSTALLED PANEL 2 ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
 4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
 5. SEE SPECIAL PROVISION FOR "TEMPROARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
 6. ONE SIGN ASSEMBLY EQUALS 37.7 SQ. FT.
 7. SHALL BE PAID FOR AS TEMPORATY IMFORMATION SIGNING.

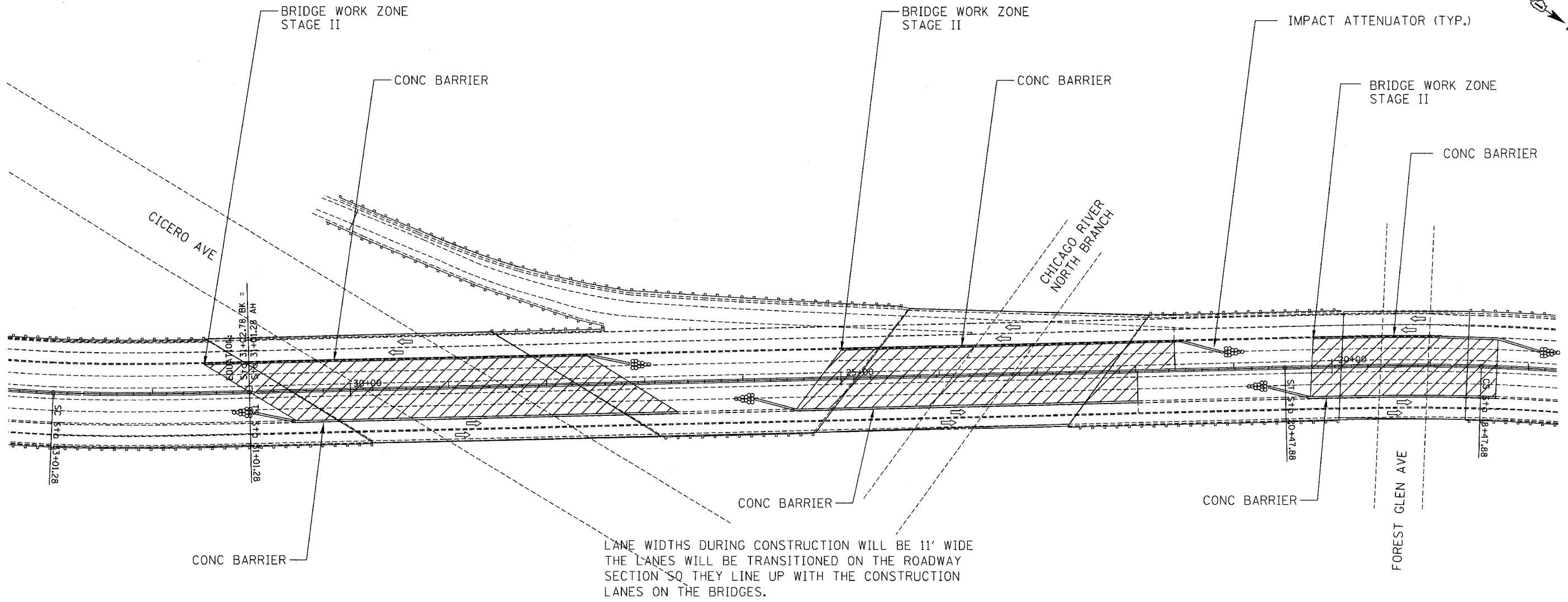
NOTES:
 THE FINAL SIGN LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 ADVANCE WARNING SIGNS WILL BE PLACED ON THE KENNEDY EXPRESSWAY.
 ALL SIGNS WILL BE MOUNTED AT A MINIMUM HEIGHT OF 7' ABOVE THE ROADWAY.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPROARY INFORMATION SIGNING

SCALE: _____ DRAWN BY: _____
 DATE: JUNE 2007 CHECKED BY: _____

PLOT DATE = 6/18/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.I. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LANE WIDTHS DURING CONSTRUCTION WILL BE 11' WIDE
 THE LANES WILL BE TRANSITIONED ON THE ROADWAY
 SECTION SO THEY LINE UP WITH THE CONSTRUCTION
 LANES ON THE BRIDGES.

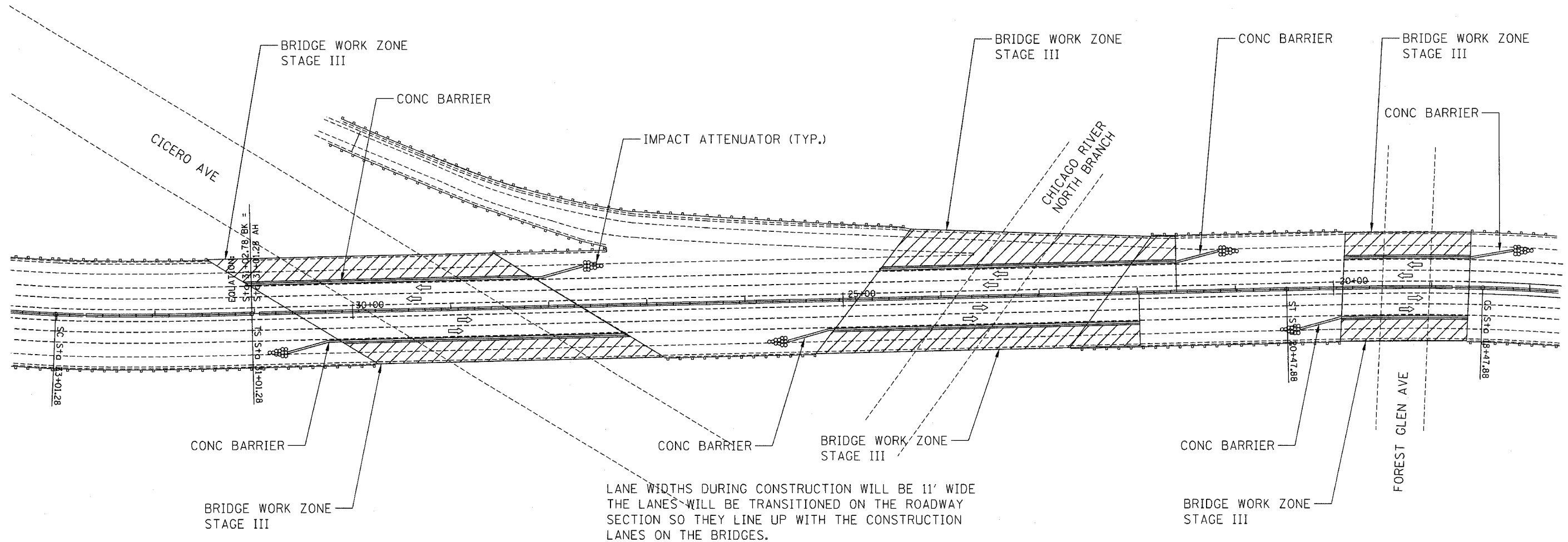
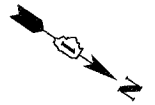
TYPICAL ROADWAY
MAINTENANCE OF TRAFFIC DETAIL
AT BRIDGE WORK ZONES
STAGE II

PLOT DATE = 5/22/2007
 PLOT SCALE = AS CALLED
 USER NAME = 087401

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC CICERO AVE, CHICAGO RIVER NORTH BRANCH AND FOREST GLEN AVE
NAME	DATE	

SCALE: N.T.S. DRAWN BY GJS
 DATE MAY 2007 CHECKED BY LB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	18
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



TYPICAL ROADWAY
MAINTENANCE OF TRAFFIC DETAIL
AT BRIDGE WORK ZONES
STAGE III

REVISIONS	
NAME	DATE

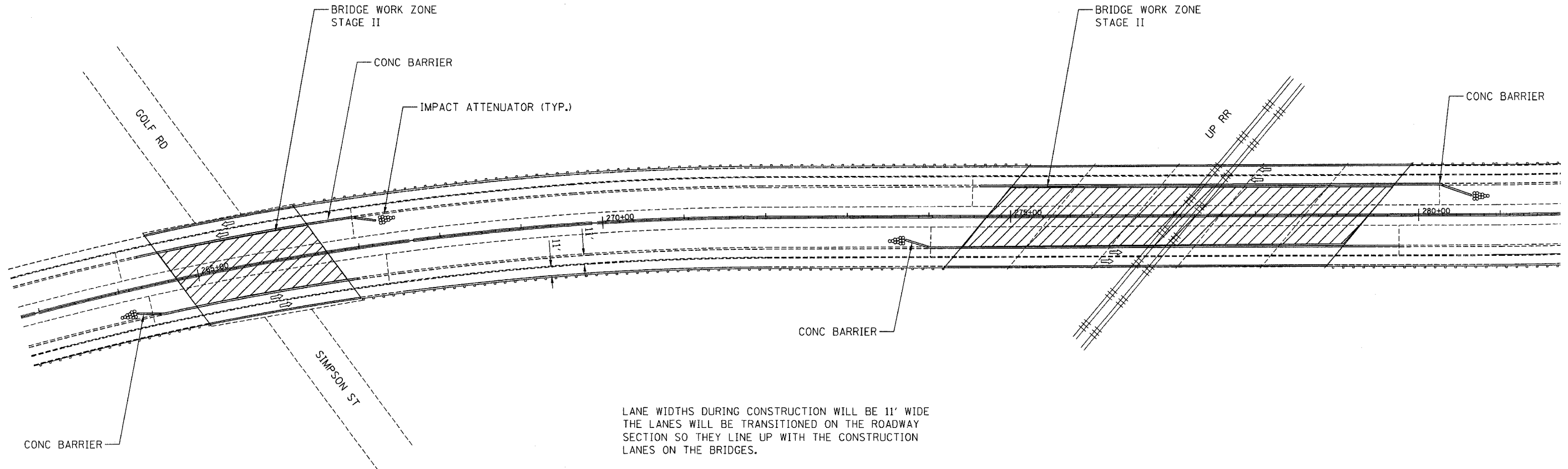
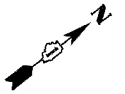
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 AT CICERO AVE, CHICAGO
 RIVER NORTH BRANCH,
 AND FOREST GLEN AVE

SCALE: N.T.S.
 DATE: MAY 2007

DRAWN BY: GJS
 CHECKED BY: LB

PLOT DATE = 5/22/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #OUT#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	19
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LANE WIDTHS DURING CONSTRUCTION WILL BE 11' WIDE
 THE LANES WILL BE TRANSITIONED ON THE ROADWAY
 SECTION SO THEY LINE UP WITH THE CONSTRUCTION
 LANES ON THE BRIDGES.

TYPICAL ROADWAY
MAINTENANCE OF TRAFFIC DETAIL
AT BRIDGE WORK ZONES
STAGE II

PLOT DATE = 5/22/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #OUT#

REVISIONS	
NAME	DATE

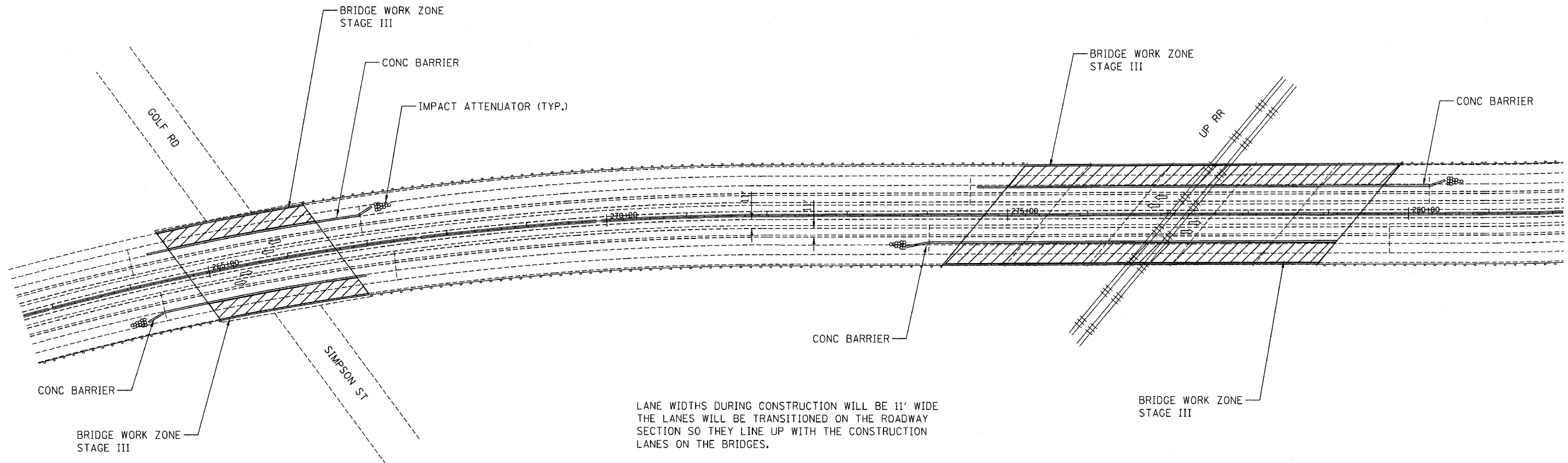
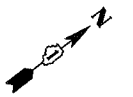
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 EDENS EXPRESSWAY
 AT
 GOLF RD AND UPRR

SCALE: N.T.S.
 DATE: MAY 2007

DRAWN BY: GJS
 CHECKED BY: LB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LANE WIDTHS DURING CONSTRUCTION WILL BE 11' WIDE
 THE LANES WILL BE TRANSITIONED ON THE ROADWAY
 SECTION SO THEY LINE UP WITH THE CONSTRUCTION
 LANES ON THE BRIDGES.

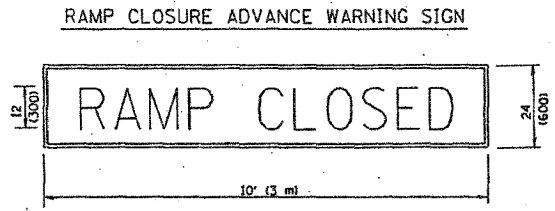
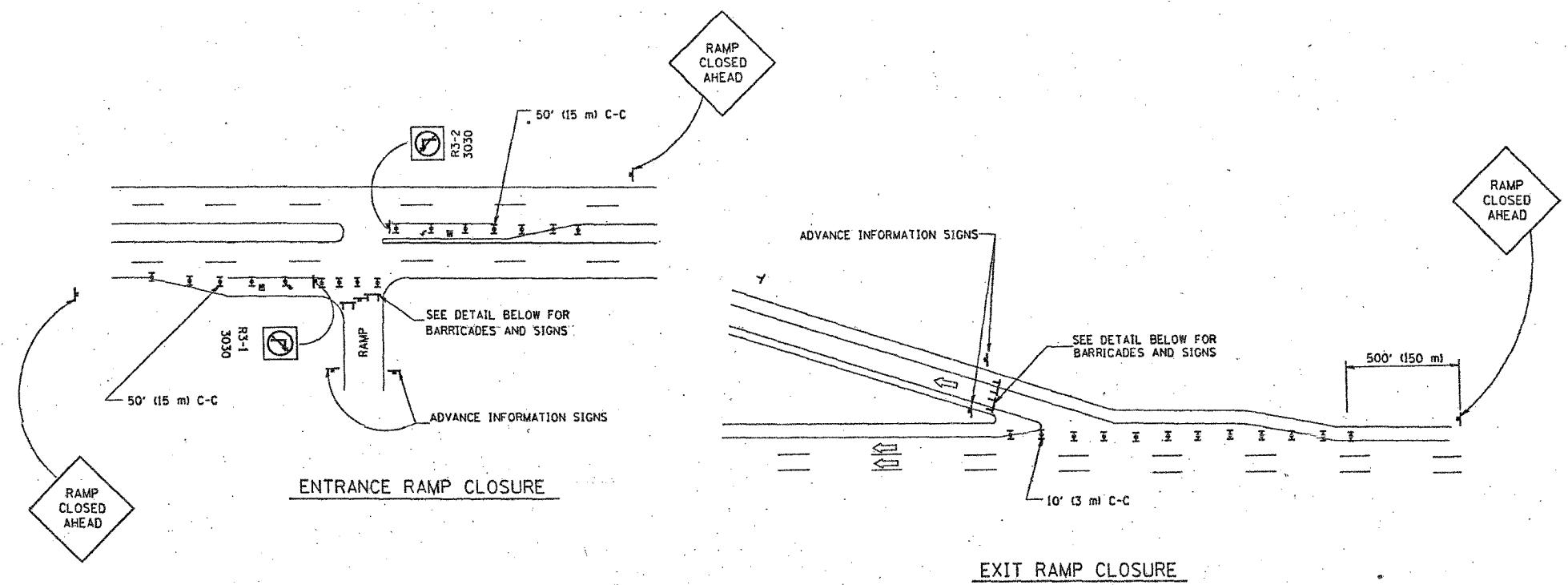
TYPICAL ROADWAY
MAINTENANCE OF TRAFFIC DETAIL
AT BRIDGE WORK ZONES
STAGE III

PLOT DATE = 5/22/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 08104T

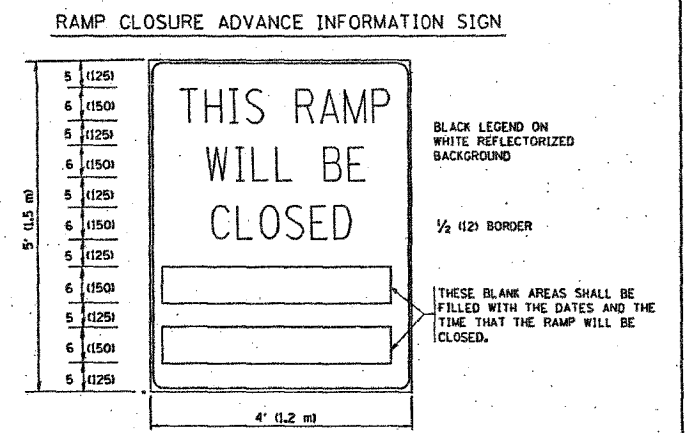
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 EDENS EXPRESSWAY
 AT
 GOLF RD AND UPRR
 SCALE: N.T.S. DRAWN BY GJS
 DATE MAY 2007 CHECKED BY LB

CONTRACT NO. 62747			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
94	2006-049 RS	COOK	136 21
STA.		TO STA.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

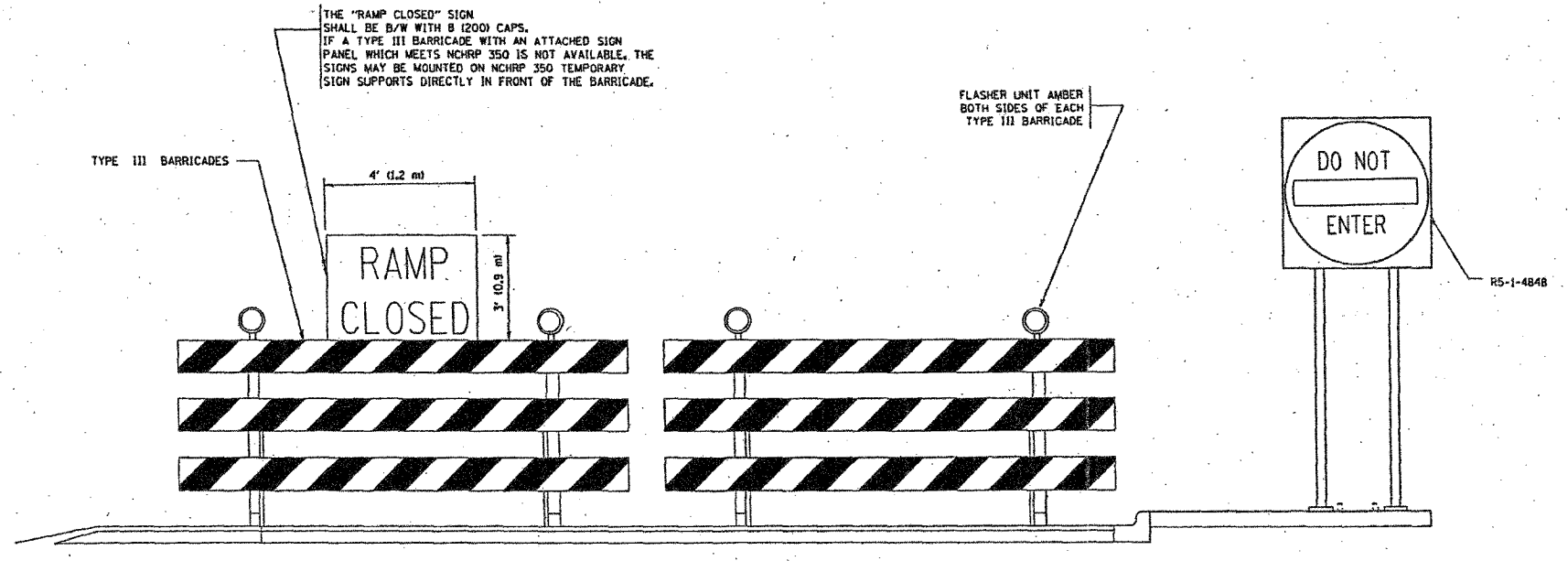


BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND
 1 (25) BORDER
 THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.



BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND
 1/2 (12) BORDER
 THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.
 THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

- GENERAL NOTES:
- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
 - STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
 - A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
 - ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
 - THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
 - AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
 - THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.



THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 8 (200) CAPS. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

- SYMBOLS
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE WITH FLASHING LIGHT

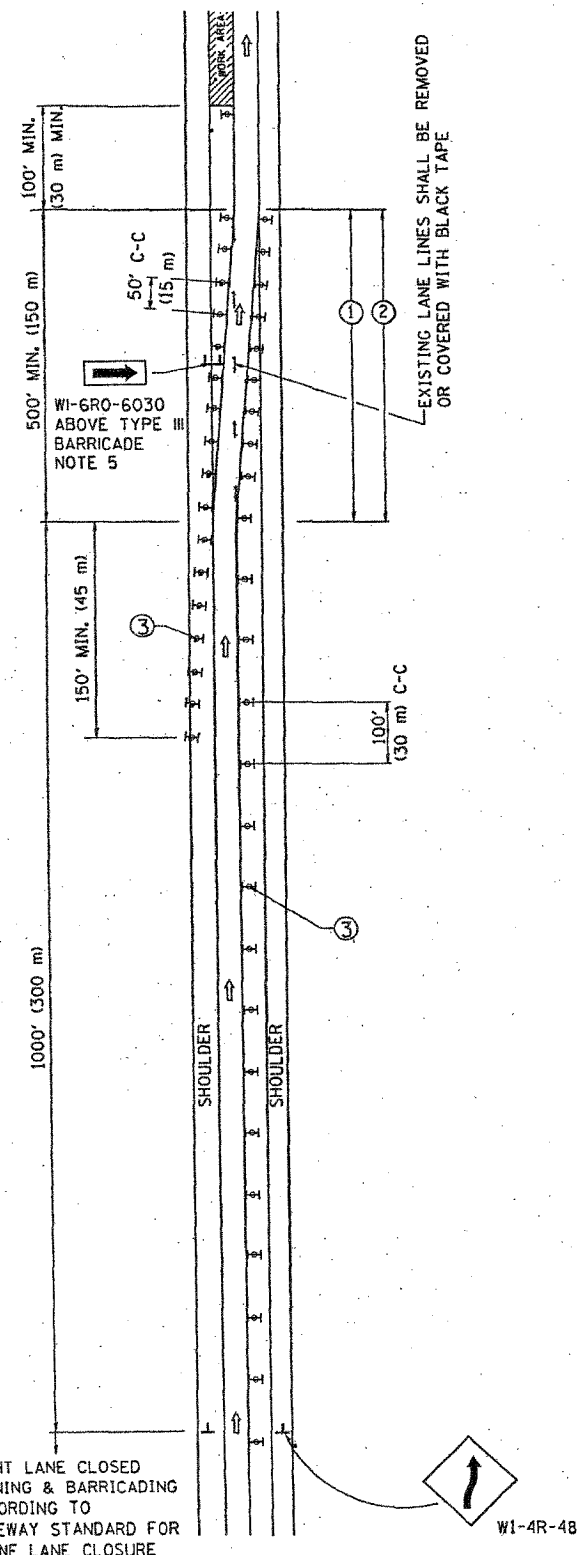
REVISIONS	
NAME	DATE
DWS	2-83
DWS	1/80
DWS	9/94
DWS	12/94
DWS/JAF	12/02
JAF	2/06
SPB	1/07
Revise devices to meet NCHRP 350	4/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FREEWAY
 ENTRANCE AND EXIT RAMP
 CLOSURE DETAILS
 SCALE: DATE: 1/4/2007
 DRAWN BY: TC-8
 CHECKED BY: REVISION DATE: 01/01/07

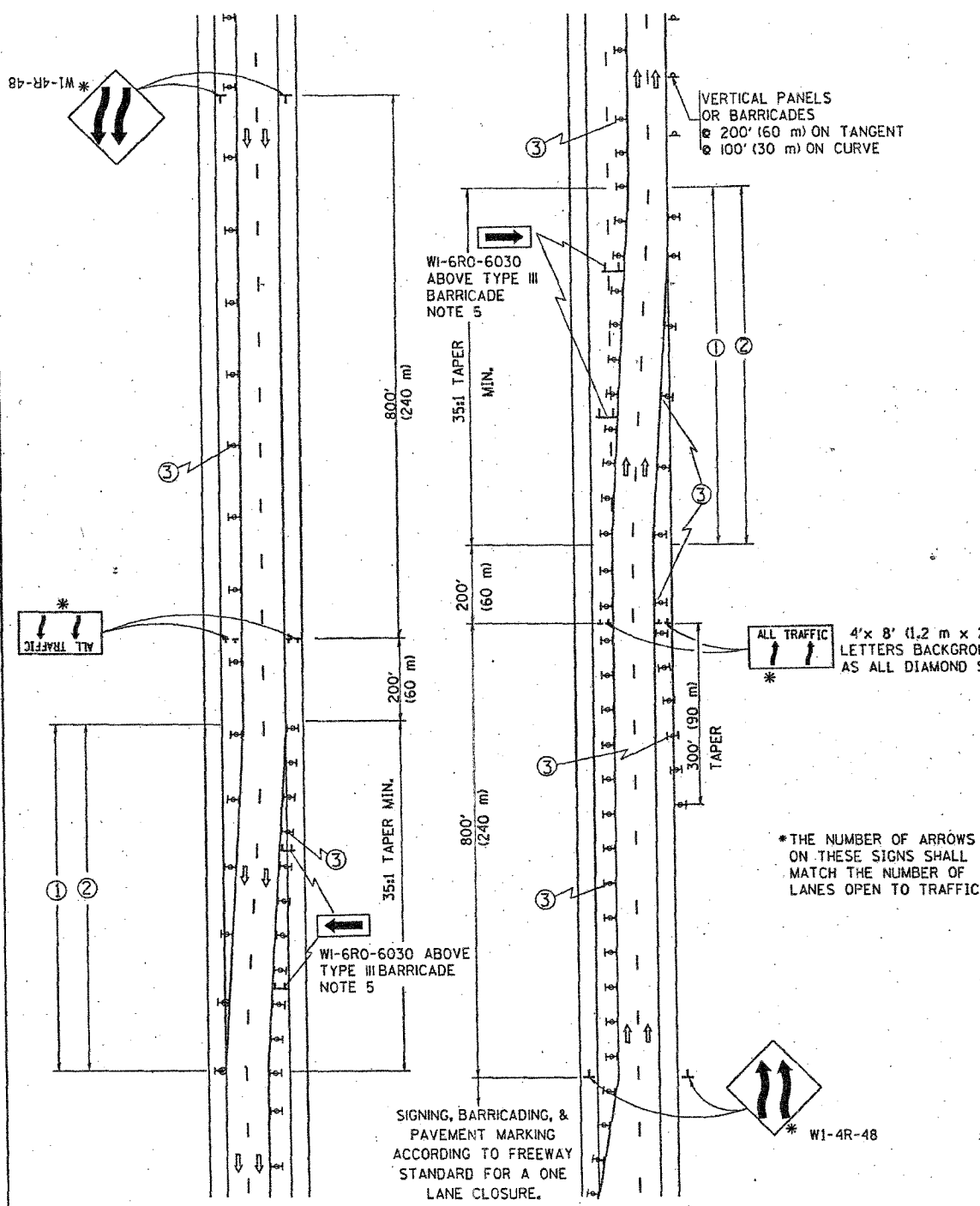
PLOT DATE: 1/4/2007
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 USER: JAF

FED. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-048 BS	COOK	135	22
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
- IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

ALL TRAFFIC 4'x 8' (1.2 m x 2.4 m); 1 (25) BORDER; 10 (250) CAPITAL LETTERS BACKGROUND SHEETING SHALL BE THE SAME AS ALL DIAMOND SHAPED CONSTRUCTION SIGNS.

*THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	2/87
DWS	1/90
DWS	12/27/94
DWS	11/96
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL DETAILS
 FOR FREEWAY
 SINGLE & MULTI-LANE WEAVE

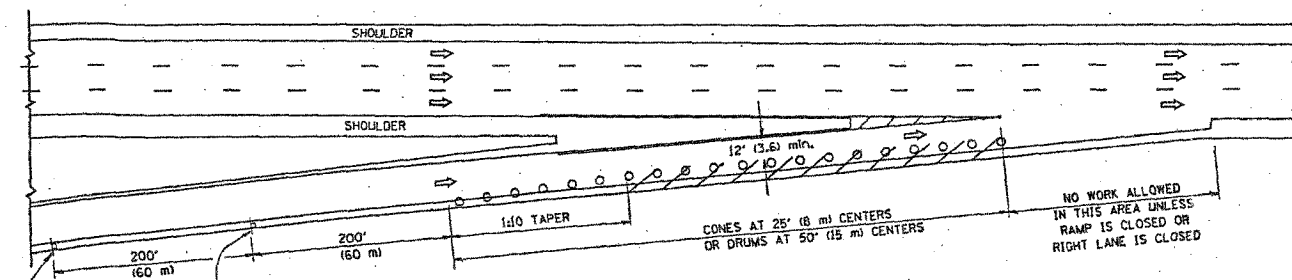
SCALE: DATE: 1/4/2007
 DRAWN BY: R.H.
 CHECKED BY: TC-9
 REVISION DATE: 01/01/07

PLOT DATE: 1/4/2007
 FILE NAME: c:\p\proj\62747\101\101.dgn
 USER: jaf

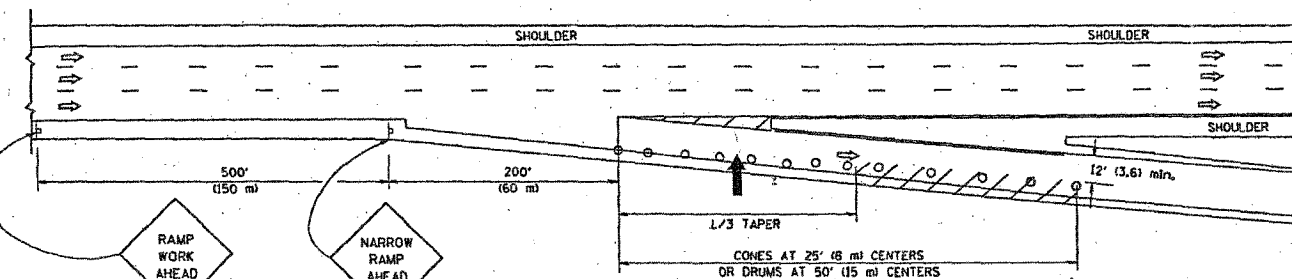
PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS

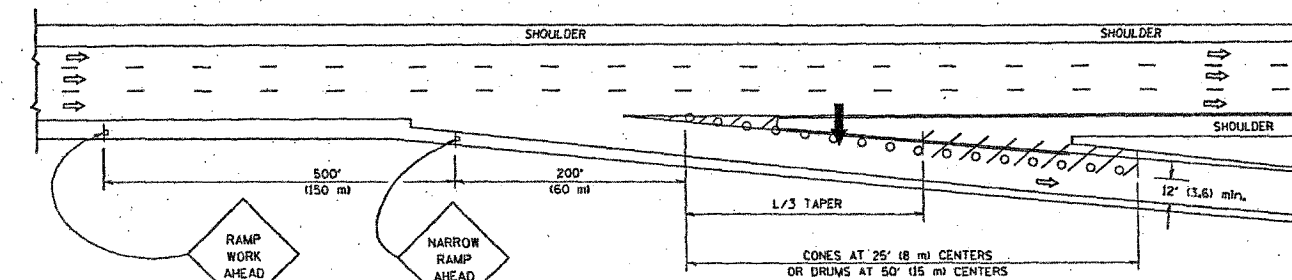
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	23
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

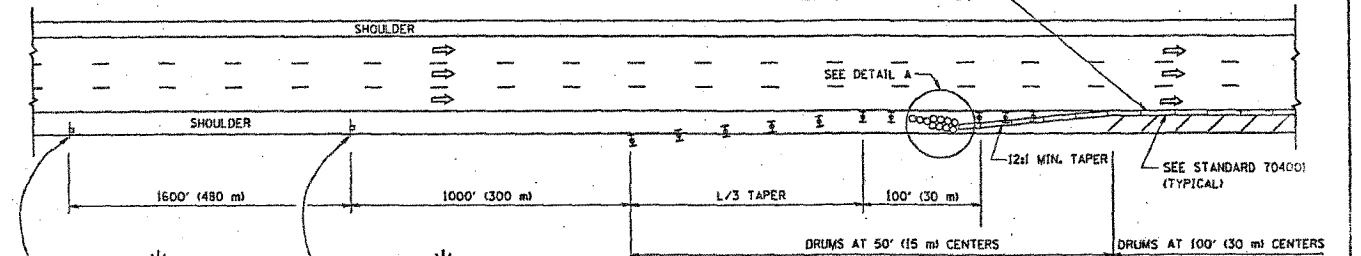
SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

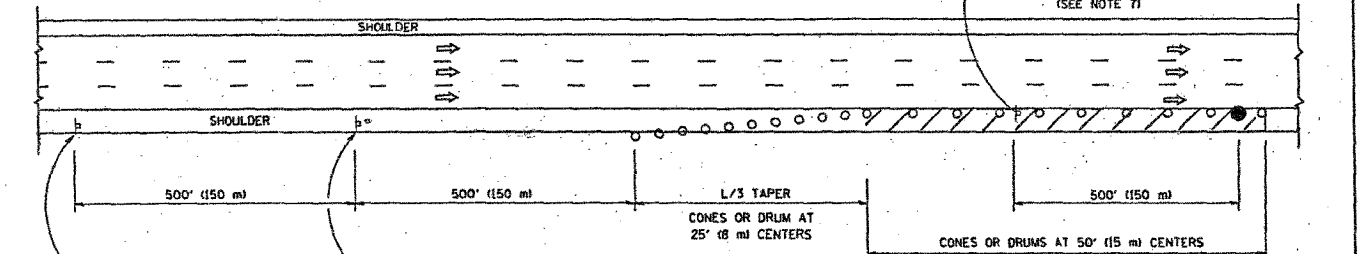
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC: $L = 0.55(WNS)$ ENGLISH: $L = (WKS)$
W = WIDTH OF OFFSET IN FEET (METERS)	S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

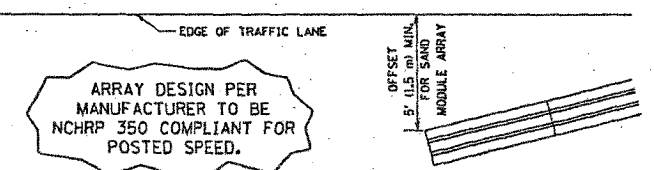


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
 IMPACT ATTENUATOR, TEMPORARY
 (SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL DETAILS
 FOR FREEWAY
 SHOULDER CLOSURES
 PARTIAL RAMP CLOSURES

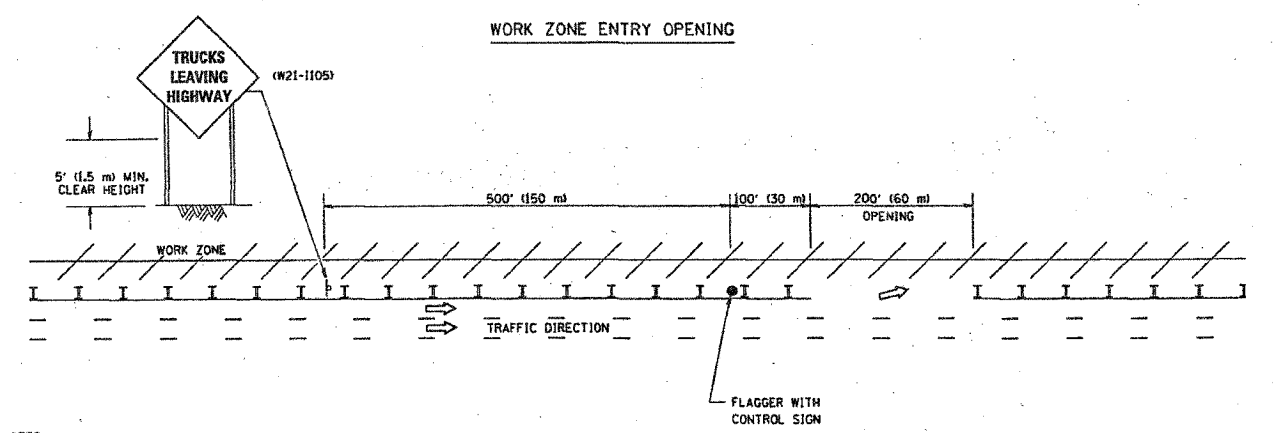
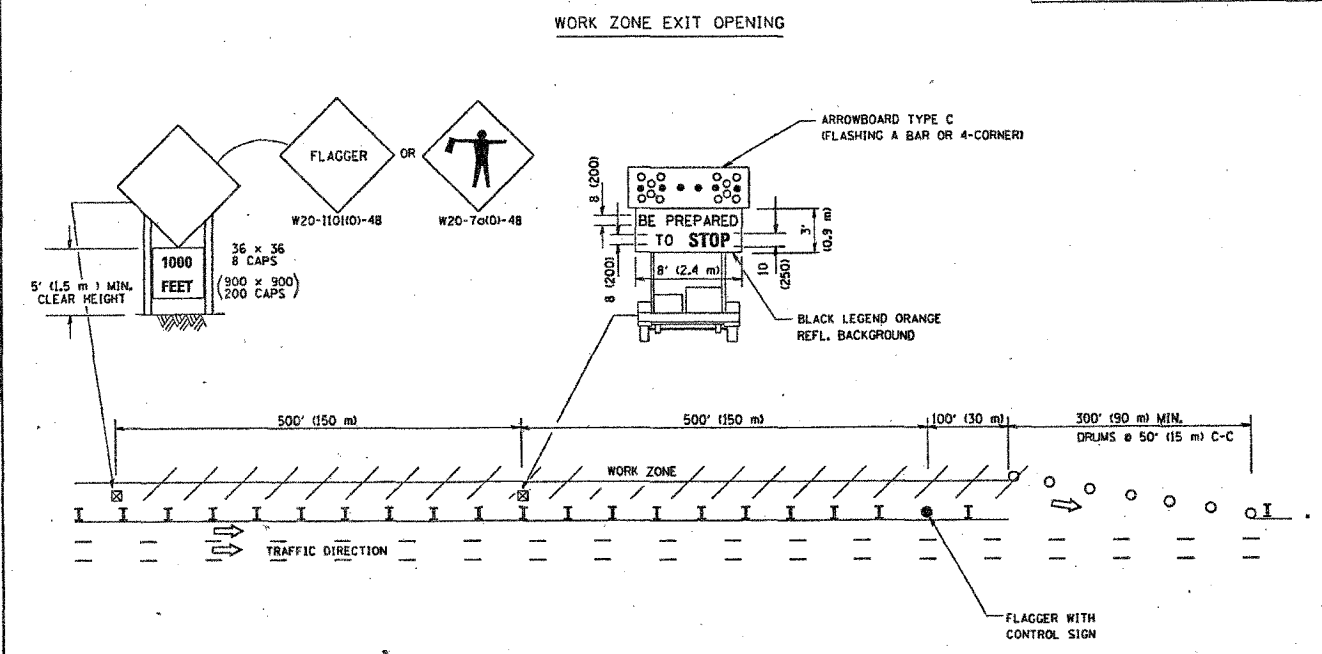
SCALE: NONE
 DATE: 1/16/2007

DESIGNED BY: DWS
 DRAWN BY:
 CHECKED BY:
 TC-17

REVISION DATE: 01/01/07

CONTRACT NO. 62747			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
94	2006-048 BS	COOK	135 24
STA.		TO STA.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06
SPB	1/07

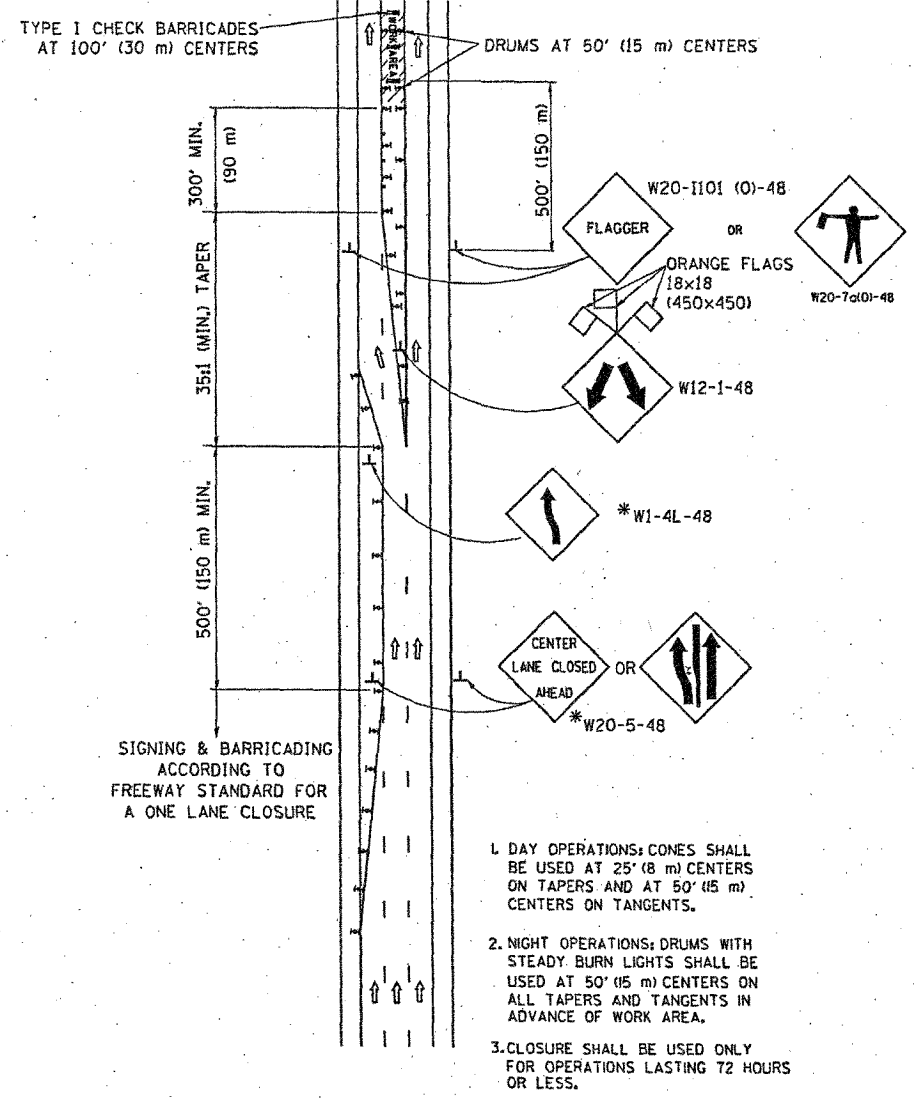
ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

SCALE: NONE
DATE: 1/16/2007
DRAWN BY CADD
CHECKED BY TC-18
REVISION DATE: 01/01/07

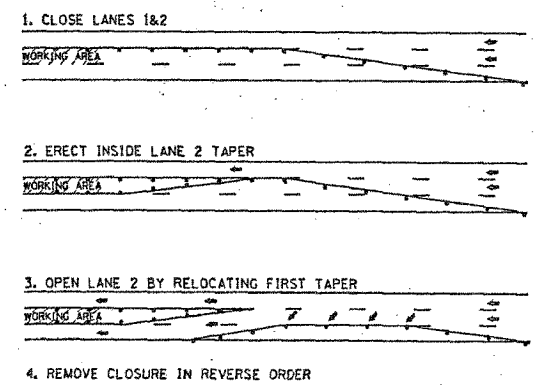
PLT DATE: 1/16/2007
FILE NAME: K:\Kadison\1116.dgn
USER: KADISON

CONTRACT NO. 62747				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-048 BS	COOK	185	25
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTER LANE CLOSURE

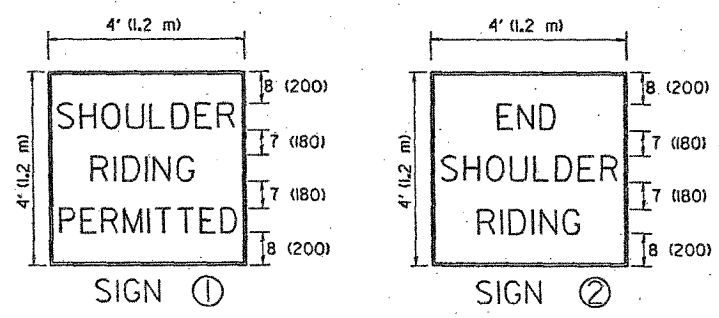
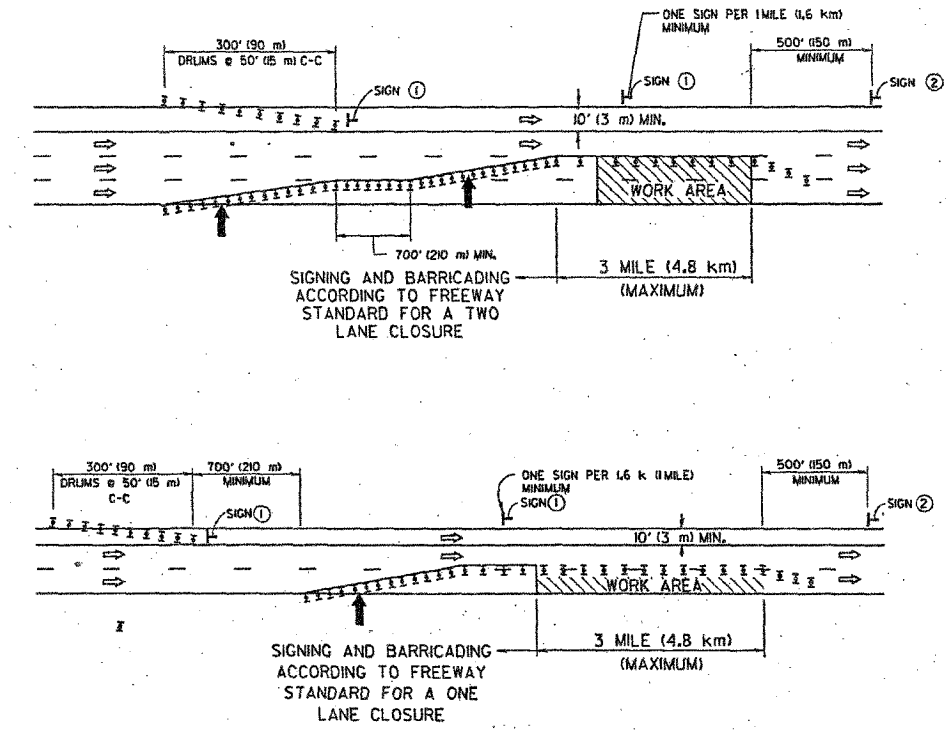


INSTALLATION SEQUENCE



SHOULDER LANE

NOTE: CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



- SYMBOLS**
- ↑ DIRECTION OF TRAFFIC
 - ➔ ARROWBOARD
 - ▨ WORK AREA
 - ◇ SIGN WITH 18x18 (450x450) ORANGE FLAGS ATTACHED *
 - ⊢ SIGN ON PORTABLE OR PERMANENT SUPPORT *
 - ≡ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURN LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
NAME	DATE	
PRIOR DETAILS ON TC-9 - JAF	4/03	SCALE: NONE DATE: 1/4/2007 DRAWN BY R.H. CHECKED BY TC-25 REVISION DATE: 01/01/07
SPB	1/07	

PLOT DATE: 1/4/2007
 FILE NAME: s:\p\2006\2006-048 BS\TC-25.dwg
 PLOT SCALE: 1/8" = 1'-0"
 USER: R.H.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	26
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

Northbound Edens 62747

Patch Locations																	
Patch Nbr #	Station	Mile Marker	LN #	Length (LF)	Area (SY)	Lane 1			Lane 2			Lane 3			Saw Cut (LF)	Pvmt. Reif (SY)	Tie Bar (EA)
						Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV			
419+10 Wilson Ave																	
431+64 Lawrence Ave																	
80+41N / 434+26S																	
77+23 Chicago & Nwstem RR																	
1	74+38	42/74	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
66+47 Elston Ave																	
2	65+75	42/62	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
3	62+88	42/58	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
4	62+88	42/58	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	68.0	13.3	0
5	62+88	42/58	1	60	80.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	168.0	80.0	30
6	62+15	42/57	1	15	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.0	20.0	0
7	62+15	42/57	2	35	46.7	0.0	0.0	0.0	0.0	0.0	46.7	0.0	0.0	0.0	118.0	46.7	35
8	60+00	42/54	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
56+41 Foster Ave																	
9	55+30	42/46	3	25	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	98.0	33.3	13
10	49+01	42/34	1	50	66.7	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	148.0	66.7	25
45+87 Forest Preserve Overpass																	
29+14 Cicero Ave																	
23+63 Chicago River North Branch																	
19+29 Forest Glen																	
11	17+75	41/75	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
12	5+43	41/51	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	68.0	13.3	0
0+00N / 0+00S																	
1+75 Peterson Ave																	
13	5+80	41/30	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	60.0	8.0	0
14	7+20	41/28	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
15	11+50	41/30	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
27+45 Devon Ave																	
16	38+50	40/68	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	68.0	13.3	0
17	49+56	40/47	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
18	51+67	40/43	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	60.0	8.0	0
19	52+72	40/41	1	60	80.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	168.0	80.0	30
54+30 Pratt Ave																	
80+75 Touhy Ave																	
20	85+28	39/78	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	68.0	13.3	0
21	94+40	39/59	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
22	95+00	39/59	1	12	16.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	16.0	0
23	108+16	39/34	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
24	113+36	39/24	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	60.0	8.0	0

Southbound Edens 62747

Patch Locations																	
Patch Nbr #	Station	Mile Marker	LN #	Revised Length (LF)	Area (SY)	Lane 1			Lane 2			Lane 3			Saw Cut (LF)	Pvmt. Reif (SY)	Tie Bar (EA)
						Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV			
296+23 Old Orchard																	
1	293+40	35/84	3	8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
2	292+00	35/87	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
3	291+90	35/87	3	8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	64.0	10.7	0
4	290+60	35/90	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
5	289+80	35/92	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	60.0	8.0	0
6	289+00	35/94	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
7	283+25	36/02	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
8	283+25	36/02	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
277+05 Simpson Ave																	
9	266+10	36/36	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
265+65 Golf Rd																	
10	263+50	36/41	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
238+65 Church St																	
11	223+60	37/17	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	68.0	13.3	0
211+99 Dempster St																	
12	195+90	37/69	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
184+12 Lincoln Ave																	
155+24 Oakton Ave																	
149+25 Gross Point Rd																	
13	127+10	38/98	2	30	40.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	108.0	40.0	30
114+92 Niles Center Rd																	
14	110+70	39/28	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
15	109+75	39/33	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
16	109+50	39/33	2	8	10.7	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
17	102+50	39/45	2	8	10.7	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
18	99+25	39/33	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
19	99+25	39/33	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
20	97+50	39/58	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
21	86+44	39/75	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
22	83+65	39/80	2	8	10.7	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
80+75 Touhy Ave																	
23	80+00	39/90	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
24	79+50	39/91	2	8	10.7	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
25	79+50	39/91	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
26	74+00	39/98	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
27	63+50	40/21	2	8	10.7	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	64.0	10.7	0
28	61+50	40/23	1	6	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	8.0	0
29	58+50	LP DC4	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
30	58+50	LP DC4	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	68.0	13.3	0
54+30 Pratt Ave																	

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MAINLINE PATCHING SCHEDULE
LAWRENCE AVENUE TO OLD ORCHARD ROAD**

SCALE: DATE: MAY 2007 DRAWN BY: CHECKED BY:

Edens I 94 Resurfacing Project

PLOT DATE = 5/22/2007
FILE NAME = #FILEL#
PLOT SCALE = #SCALE#
USER NAME = #PRINT

Northbound Edens 62747

Patch Locations																	
Patch Nbr	Station	Mile Marker	LN	Length (LF)	Area (SY)	Lane 1			Lane 2			Lane 3			Saw Cut (LF)	Pvmt. Reif (SY)	Tie Bar (EA)
						Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV			
	114+92	Niles Center Rd															
25	120+60	39/11	2	12	16.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	149+24	Gross Point Rd															
26	154+17	38/47	2	15	20.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	155+24	Oakton Ave															
27	157+38	38/41	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0
28	160+06	38/36	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0
29	167+01	38/23	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	184+12	Lincoln Ave															
	211+99	Dempster St															
30	217+50	37/27	1	6	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
31	219+16	37/25	2	10	13.3	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
32	219+16	37/25	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0
33	219+50	37/23	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	238+65	Church St															
34	264+00	36/39	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	265+65	Golf Rd															
35	273+94	36/21	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0
36	280+16	36/09	1	10	13.3	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
37	280+16	36/09	3	10	13.3	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0
38	281+20	36/07	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
39	284+90	LP JC10	1	8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	296+23	Old Orchard															
62747 NB Mainline Patch Totals					714.7	69.3	36.0	226.7	122.7	36.0	46.7	144.0	0.0	33.3	2944.0	714.7	132.5

Southbound Edens 62747

Patch Locations																	
Patch Nbr	Station	Mile Marker	LN	Revised Length (LF)	Area (SY)	Lane 1			Lane 2			Lane 3			Saw Cut (LF)	Pvmt. Reif (SY)	Tie Bar (EA)
						Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV			
	54+30	Pratt Ave															
31	51+22	40/44	3	15	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
32	50+16	40/46	2	25	33.3	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	25
33	48+58	40/49	2	15	20.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0
34	47+52	40/51	2	10	13.3	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0
35	45+41	40/55	2	30	40.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	30
36	42+77	40/60	2	25	33.3	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	25
37	37+80	40/70	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
38	37+49	40/70	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0
39	30+62	40/83	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0
	27+45	Devon Ave															
40	21+53	41/00	1	6	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
41	19+28	LP CD8	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
42	8+45	41/25	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0
	1+75	Peterson Ave															
43	0+00	41/41	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0+00N / 0+00S																
44	15+10	41/69	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
45	15+84	41/71	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0
46	17+95	41/75	1	6	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	19+29	Forest Glen															
	23+63	Chicago River North Branch															
	29+14	Cicero Ave															
47	35+38	42/08	3	6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0
	45+87	Forest Preserve Overpass															
	56+41	Foster Ave															
	66+47	Elston Ave															
48	69+17	42/72	2	25	33.3	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	25
49	70+22	42/74	2	40	53.3	0.0	0.0	0.0	0.0	0.0	53.3	0.0	0.0	0.0	0.0	0.0	40
50	70+75	42/75	2	15	20.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0
51	72+34	42/78	2	12	16.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0
52	72+34	42/78	3	20	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	0.0	0.0	10
	77+23	Chicago & Northwestern RR															
53	80+13	LP AAB2	2	6	8.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
54	80+13	LP AAB2	1	6	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	80+41N / 434+26S																
	431+64	Lawrence Ave															
	419+10	Wilson Ave															
	410+50	Kennedy Exp															
62747 SB Mainline Patch Totals					765.3	160.0	0.0	0.0	186.7	56.0	233.3	82.7	20.0	26.7	3740.0	765.3	185.0

	Area	Lane 1			Lane 2			Lane 3			Saw Cut (LF)	Pvmt. Reif (SY)	Tie Bar (EA)
	(SY)	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV	Ty II	Ty III	Ty IV			
62747 Mainline Patch Totals	1480.0	229.3	36.0	226.7	309.3	92.0	280.0	226.7	20.0	60.0	6684.0	1480.0	317.5

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINLINE PATCHING SCHEDULE
 LAWRENCE AVENUE TO OLD ORCHARD ROAD

SCALE: DATE: MAY 2007 DRAWN BY: CHECKED BY:

REVISIONS	
NAME	DATE

Edens I 94 Resurfacing Project

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	28
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

62747 Northbound Edens							
Ramp Patch Locations							
Patch Nbr #	Size W x L	Length (FT)	Width (FT)	Area (SY)	Ramp	Patch Type	SAW CUT (LF)
1	20 x 40	40	20	88.9	NB I-94 to WB Foster	D	120
					WB Foster to NB I-94		
					NB I-94 to EB Peterson		
					WB Peterson to NB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
3	20 x 50	50	20	111.1		D	140
					NB I-94 to EB Touhy		
1	25 x 8	8	25	22.2		D	66
2	25 x 6	6	25	16.7		D	62
3	25 x 6	6	25	16.7		D	62
4	25 x 6	6	25	16.7		D	62
5	25 x 6	6	25	16.7		D	62
					EB Touhy to NB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
3	20 x 10	10	20	22.2		D	60
4	20 x 6	6	20	13.3		D	52
5	20 x 30	30	20	66.7		D	100
6	20 x 6	6	20	13.3		D	52
					NB I-94 to WB Touhy		
1	20 x 15	15	20	33.3		D	70
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
					WB Touhy to NB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
					NB I-94 to EB Dempster		
1	15 x 6	6	15	10.0		D	72
2	20 x 20	20	20	44.4		D	120
3	20 x 6	6	20	13.3		D	92
					EB Dempster to NB I-94		
1	20 x 8	8	20	17.8		D	56
2	20 x 6	6	20	13.3		D	52
					NB I-94 to to WB Dempster		
1	20 x 6	6	20	13.3		D	92
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
					WB Dempster to NB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	12 x 6	6	12	8.0		D	60
					NB I-94 to Old Orchard		
1	20 x 30	30	20	66.7		D	
2	25 x 6	6	25	16.7		D	112
3	25 x 6	6	25	16.7		D	
4	25 x 6	6	25	16.7		D	
5	25 x 40	40	25	111.1		D	
62747 NB RAMP PATCH TOTALS				972.4			2292

62747 Southbound Edens							
Ramp Patch Locations							
Patch Nbr #	Size W x L	Length (FT)	Width (FT)	Area (SY)	Ramp	Patch Type A / B	SAW CUT (LF)
					SB I-94 to WB Dempster		
1	23 x 10	10	23	25.6		D	112
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	20 x 6	6	20	13.3		D	52
					WB Dempster to SB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
					SB I-94 to EB Dempster		
1	12 x 12	12	12	16.0		D	72
2	20 x 6	6	20	13.3		D	52
3	20 x 10	10	20	22.2		D	60
4	20 x 6	6	20	13.3		D	52
5	20 x 6	6	20	13.3		D	52
					EB Dempster to SB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	20 x 6	6	20	13.3		D	52
6	12 x 12	12	12	16.0		D	72
7	12 x 12	12	12	16.0		D	72
8	12 x 6	6	12	8.0		D	60
9	8 x 8	8	8	7.1		D	48
					SB I-94 to WB Touhy		
1	20 x 15	15	20	33.3		D	70
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	20 x 6	6	20	13.3		D	52
6	20 x 6	6	20	13.3		D	52
					WB Touhy to SB I-94		
1	20 x 15	15	20	33.3		D	70
2	20 x 15	15	20	33.3		D	70
3	20 x 20	20	20	44.4		D	80
4	20 x 6	6	20	13.3		D	52
5	20 x 10	10	20	22.2		D	60
6	20 x 30	30	20	66.7		D	100
					SB I-94 to EB Touhy		
1	12 x 6	6	12	8.0		D	60
2	20 x 10	10	20	22.2		D	100
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	20 x 6	6	20	13.3		D	52
					EB Touhy to SB I-94		
1	20 x 6	6	20	13.3		D	52
2	20 x 6	6	20	13.3		D	52
3	20 x 6	6	20	13.3		D	52
4	20 x 6	6	20	13.3		D	52
5	20 x 10	10	20	22.2		D	60
6	20 x 6	6	20	13.3		D	52
7	12 x 6	6	12	8.0		D	52
					WB Peterson to SB I-94		
1	20 x 6	6	20	13.3		D	52

PLOT DATE = 5/22/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RAMP PATCHING SCHEDULE
 LAWRENCE AVENUE TO OLD ORCHARD ROAD

SCALE: _____ DRAWN BY _____
 DATE MAY 2007 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	29
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

62747 Southbound Edens										
Ramp Patch Locations										
Patch Nbr #	Size W x L	Length (FT)	Width (FT)	Area (SY)	Ramp	Patch Type A / B	SAW CUT (LF)			
WB Peterson to SB I-94										
1	20 x 6	6	20	13.3		B	52			
2	20 x 6	6	20	13.3		B	52			
3	20 x 12	12	20	26.7		B	64			
4	12 x 6	6	12	8.0		A	60	8.0		
SB I-94 to EB Peterson										
1	12 x 6	6	12	8.0		A	60	8.0		
2	20 x 6	6	20	13.3		B	52			
3	20 x 10	10	20	22.2		B	60			
4	20 x 6	6	20	13.3		B	52			
EB Peterson to SB I-94										
1	20 x 20	20	20	44.4		B	80		30	
SB I-94 to Cicero										
1	20 x 6	6	20	13.3		B	52			
2	20 x 6	6	20	13.3		B	52			
3	20 x 10	10	20	22.2		B	60			
EB Elston to SB I-94										
1	20 x 6	6	20	13.3		B	52			
2	20 x 6	6	20	13.3		B	52			
3	20 x 6	6	20	13.3		B	52			
62747 SB RAMP PATCH TOTALS		1029.6					3474.0	142.9	80.0	0.0

Area (SY)	SAW CUT (LF)	Pvmt. Reif. (SY)	Tie Bar (EA)	Expan Joint (FT)	Deform Bars (EA)
2002.0	5766.0	235.3	250.0	20.0	20.0

PLOT DATE = 5/22/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #OUTPUT

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RAMP PATCHING SCHEDULE
 LAWRENCE AVENUE TO OLD ORCHARD ROAD

SCALE:
 DATE MAY 2007

DRAWN BY
 CHECKED BY

Edens I 94 Resurfacing Project

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	30
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

**62747 Northbound Edens
Barrier Wall Replacement**

Wall Nbr #	Station	Mile Marker	Length Half Depth (LF)	Length Full Depth (LF)
	419+10	Wilson Ave		
	431+64	Lawrence Ave		
	80+41N / 434+26S			
	77+23	Chicago & Nwstern RR		
1		42/74		10
2		42/74	10	
	66+47	Elston Ave		
	56+41	Foster Ave		
	45+87	Forest Preserve Overpass		
	29+14	Cicero Ave		
	23+63	Chicago River North Branch		
	19+29	Forest Glen		
3		41/51	10	
4		41/43	10	
	0+00N / 0+00S			
	1+75	Peterson Ave		
5		41/24	10	
6		41/04	5	
7		40/93	5	
	27+45	Devon Ave		
	54+30	Pratt Ave		
8		40/06	12	
	80+75	Touhy Ave		
9		39/51		10
	114+92	Niles Center Rd		
	149+24	Gross Point Rd		
	155+24	Oakton Ave		
10		37/94	5	
	184+12	Lincoln Ave		
11		37/66	5	
12		37/66	5	
13		37/66	5	
14		37/63	10	
15		37/60	15	
	211+99	Dempster St		
16		37/30	5	
17		37/26	5	
	238+65	Church St		
18		36/67	5	
19		36/48	15	
20		36/47	10	
21		36/42		10
22		36/42	5	
	265+65	Golf Rd		
23		36/29	5	
24		36/26	5	
25		36/22	20	
26		35/98	5	
27		35/97	5	
28		35/90	5	
29		35/90	5	
30		35/89	5	
31		35/89	10	
32		35/82	15	
		Northbound Total	232	30

**62747 Southbound Edens
Barrier Wall Replacement**

Wall Nbr #	Station	Mile Marker	Length Half Depth (LF)	Length Full Depth (LF)
	296+23	Old Orchard		
157		35/91	5	
158		35/98	5	
159		35/98	5	
160		36/23	5	
161		36/29	5	
	265+65	Golf Rd		
162		36/42		5
163		36/49		10
164		36/67	5	
165		36/67	5	
	238+65	Church St		
	211+99	Dempster St		
	184+12	Lincoln Ave		
166		37/93	10	
	155+24	Oakton Ave		
	149+25	Gross Point Rd		
167		38/60	10	
	114+92	Niles Center Rd		
	80+75	Touhy Ave		
168		40/07	10	
169		40/21	10	
170		40/22	10	
	54+30	Pratt Ave		
	27+45	Devon Ave		
171		41/00	10	
172		41/03	10	
173		41/03	10	
174		41/24	20	
	1+75	Peterson Ave		
	0+00N / 0+00S			
	19+29	Forest Glen		
	23+63	Chicago River North Branch		
	29+14	Cicero Ave		
	45+87	Forest Preserve Overpass		
175		42/34	10	
176		42/34	10	
	56+41	Foster Ave		
	66+47	Elston Ave		
177		42/74	10	
178		42/74		10
	77+23	Chicago & Northwestern RR		
	80+41N / 434+26S			
	431+64	Lawrence Ave		
	TOTALS:		Length (LF)	Length (LF)
			165.0	25.0

**62747 Southbound Edens
Guardrail Improvement**

Station	Cross Road	Terminal Type 1 Special	Guardrail Replacement (LF)
74+30 S	C & NW RR	Flared	-
62+94 S	Elston	Flared	-
4+80	Peterson	Tangent	-
151+37.50	Gross Point	Flared	-
186+44	Lincoln	Tangent	-
312+85	Old Orchard	Tangent	-

Schedule of Shoulder to Pavment Joint Repair

Northbound				
Mile Marker	Station	Bridge		Total Length Requiring Repair (LF)
		From	To	
AAB22/AAB21	431+64	Lawrence Ave	Chicago & Nwstern RR	0
42/88	77+23	Chicago & Nwstern RR	Elston Ave	10
42/68	66+47	Elston Ave	Foster Ave	440
42/48	56+41	Foster Ave	Forest Preserve Overpass	0
42/28	45+87	Forest Preserve Overpass	Cicero Ave	10
41/97	29+14	Cicero Ave	Chicago River North Branch	0
41/85	23+63	Chicago River North Branch	Forest Glen	0
41/77	19+29	Forest Glen	Peterson Ave	20
41/37	1+75	Peterson Ave	Devon Ave	620
40/89	27+45	Devon Ave	Pratt Ave	140
40/38	54+30	Pratt Ave	Touhy Ave	10
39/86	80+75	Touhy Ave	Niles Center Rd	350
39/21	114+92	Niles Center Rd	Gross Point Rd	1320
38/57	149+24	Gross Point Rd	Oakton Ave	0
38/45	155+24	Oakton Ave	Lincoln Ave	860
37/91	184+12	Lincoln Ave	Dempster St	380
37/39	211+99	Dempster St	Church St	320
36/87	238+65	Church St	Golf Rd	490
36/37	265+65	Golf Rd	Old Orchard	440
			Total	5410

Southbound

62747				
Mile Marker	Station	Bridge		Total Length Requiring Repair (LF)
		From	To	
35/78	296+23	Old Orchard	Golf Rd	150
36/37	265+65	Golf Rd	Church St	850
36/87	238+65	Church St	Dempster St	1060
37/39	211+99	Dempster St	Lincoln Ave	240
37/91	184+12	Lincoln Ave	Oakton Ave	1270
38/45	155+24	Oakton Ave	Gross Point Rd	0
38/57	149+24	Gross Point Rd	Niles Center Rd	580
39/21	114+92	Niles Center Rd	Touhy Ave	750
39/86	80+75	Touhy Ave	Pratt Ave	270
40/38	54+30	Pratt Ave	Devon Ave	350
40/89	27+45	Devon Ave	Peterson Ave	10
41/37	1+75	Peterson Ave	Forest Glen	0
41/77	19+29	Forest Glen	Chicago River North Branch	0
41/85	23+63	Chicago River North Branch	Cicero Ave	200
41/97	29+14	Cicero Ave	Forest Preserve Overpass	70
42/28	45+87	Forest Preserve Overpass	Foster Ave	0
42/48	56+41	Foster Ave	Elston Ave	10
42/68	66+47	Elston Ave	Chicago & Nwstern RR	0
42/88	77+23	Chicago & Nwstern RR	Lawrence Ave	0
			Total	5810

Total NB & SB 11220

Schedule of Misc. Shoulder Repairs

Location	Milling (SY)	Bit. Concrete Replacement at 112 LB/SY at 1.5" (TON)
Northbound		
Foster on ramp	133	11.2
Cicero to Chicago River	133	11.2
Chicago River to Forest Glen	67	5.6
Peterson exit right shoulder	78	6.6
Caldwell gore	22	1.8
EB Touhy on ramp gore	28	2.4
EB Dempster off ramp right shoulder	120	10.1
WB Dempster off ramp left gore	111	9.3
WB Dempster on ramp gore	167	14.0
Northbound Total	859	72.2
Southbound		
WB Dempster off ramp	40	3.4
EB Dempster off ramp	67	5.6
EB Dempster on ramp	54	4.5
EB Touhy on ramp	34	2.9
Cicero off ramp	100	8.4
Southbound Total	295	24.8
Totals:	1154	96.9

**62747 Northbound Edens
Guardrail Improvement**

Station	Cross Road	Terminal Type 1 Special	Guardrail Replacement (LF)
58+90 S	Elston	Flared	-
50+33 S	Foster	Tangent	-
146+50	Gross Point	Flared	-

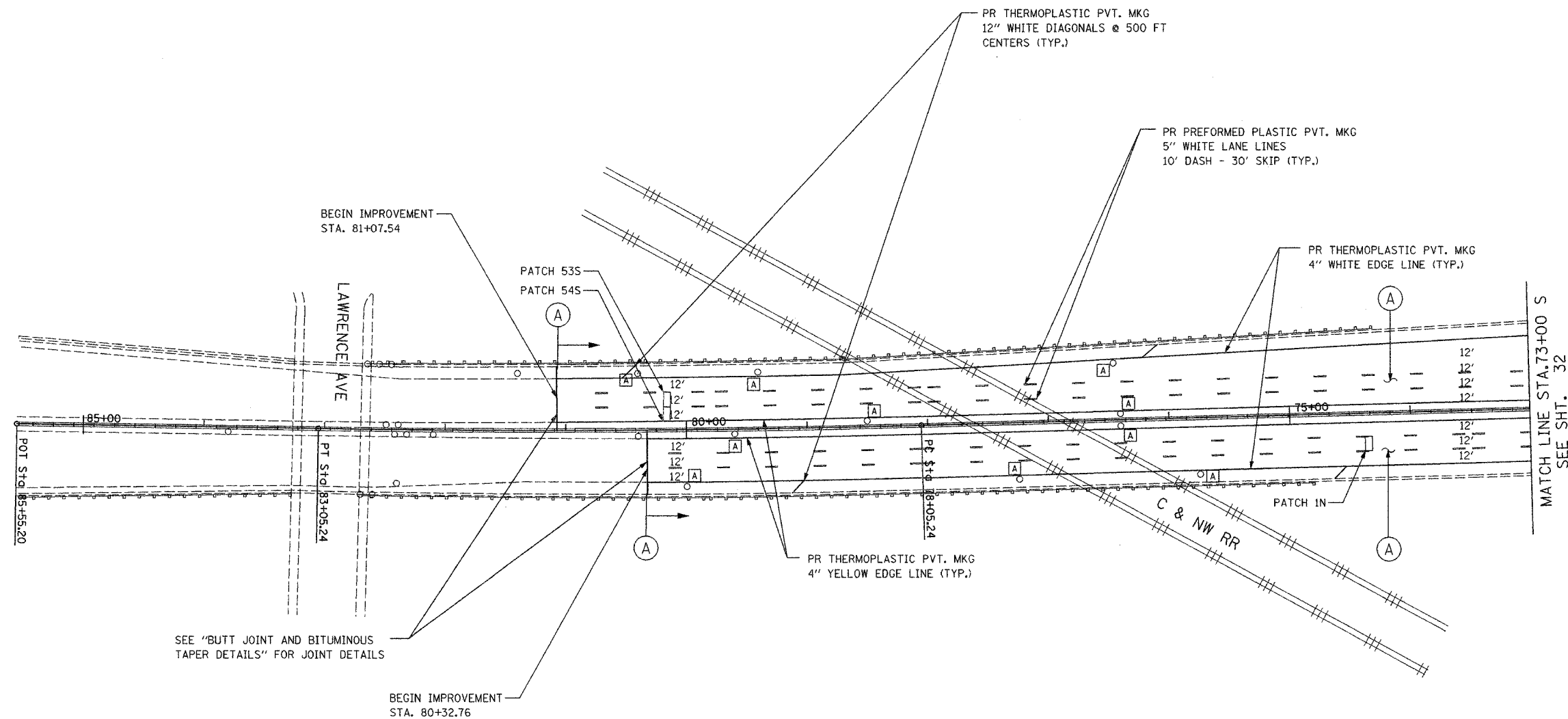
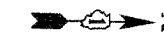
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BARRIER WALL REPAIR,
GUARDRAIL REPLACEMENT,
& SHOULDER REPAIR SCHEDULES
LAWRENCE AVENUE TO OLD ORCHARD ROAD
SCALE: DRAWN BY
DATE: JUNE 2007 CHECKED BY

Edens I 94 Resurfacing Project

PLOT DATE = 6/18/2007
FILE NAME = FILEL8
PLOT SCALE = 1/8"=1'-0"
USER NAME = 087047

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	31
STA. 85+55.20S		TO STA. 73+00S		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

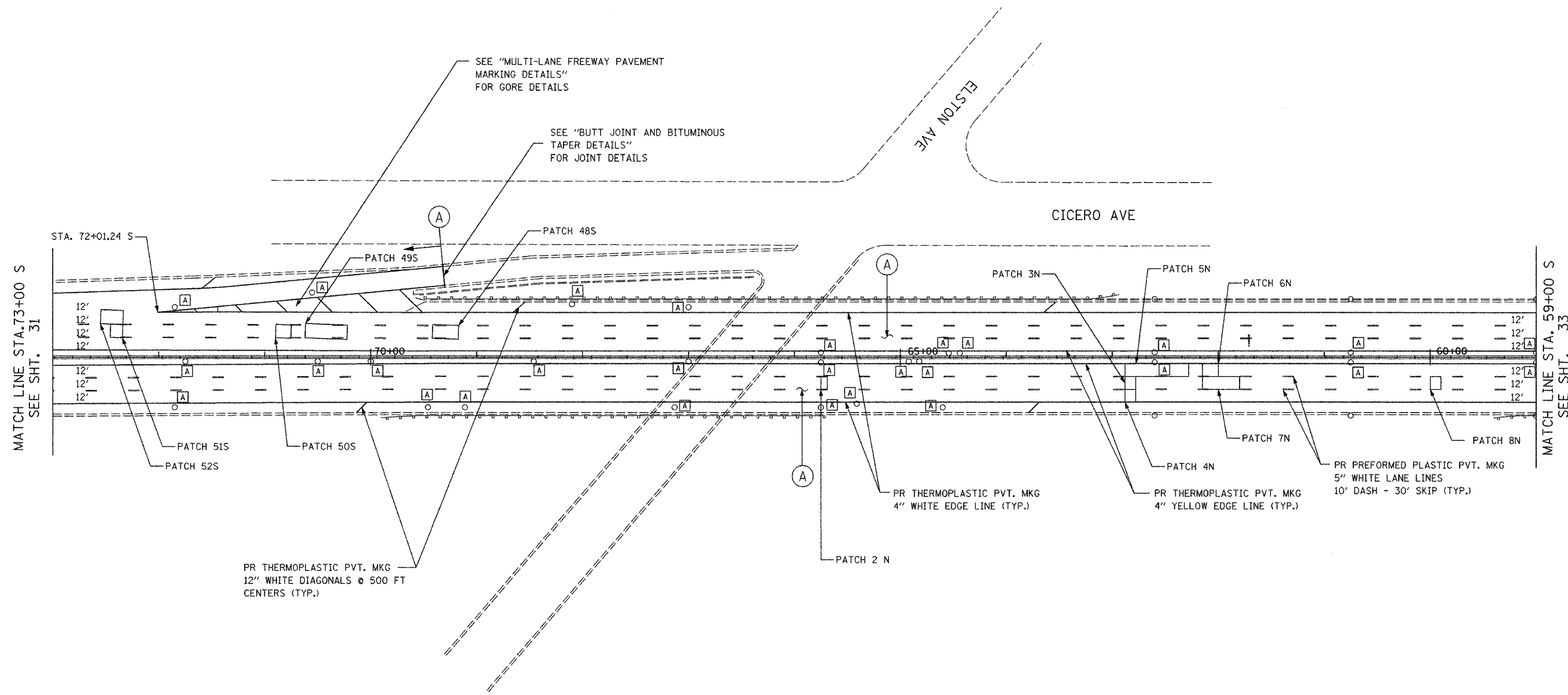
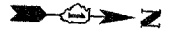
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 85+55.20S TO STA 73+00S

SCALE: 1"=50'
DATE MAY 2007

DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
FILE NAME = 8FILES
USER NAME = 887047

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	32
STA. 73+00S		TO STA. 59+00S		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 73+00S TO STA 59+00S

SCALE: _____ DRAWN BY _____
DATE MAY 2007 CHECKED BY _____

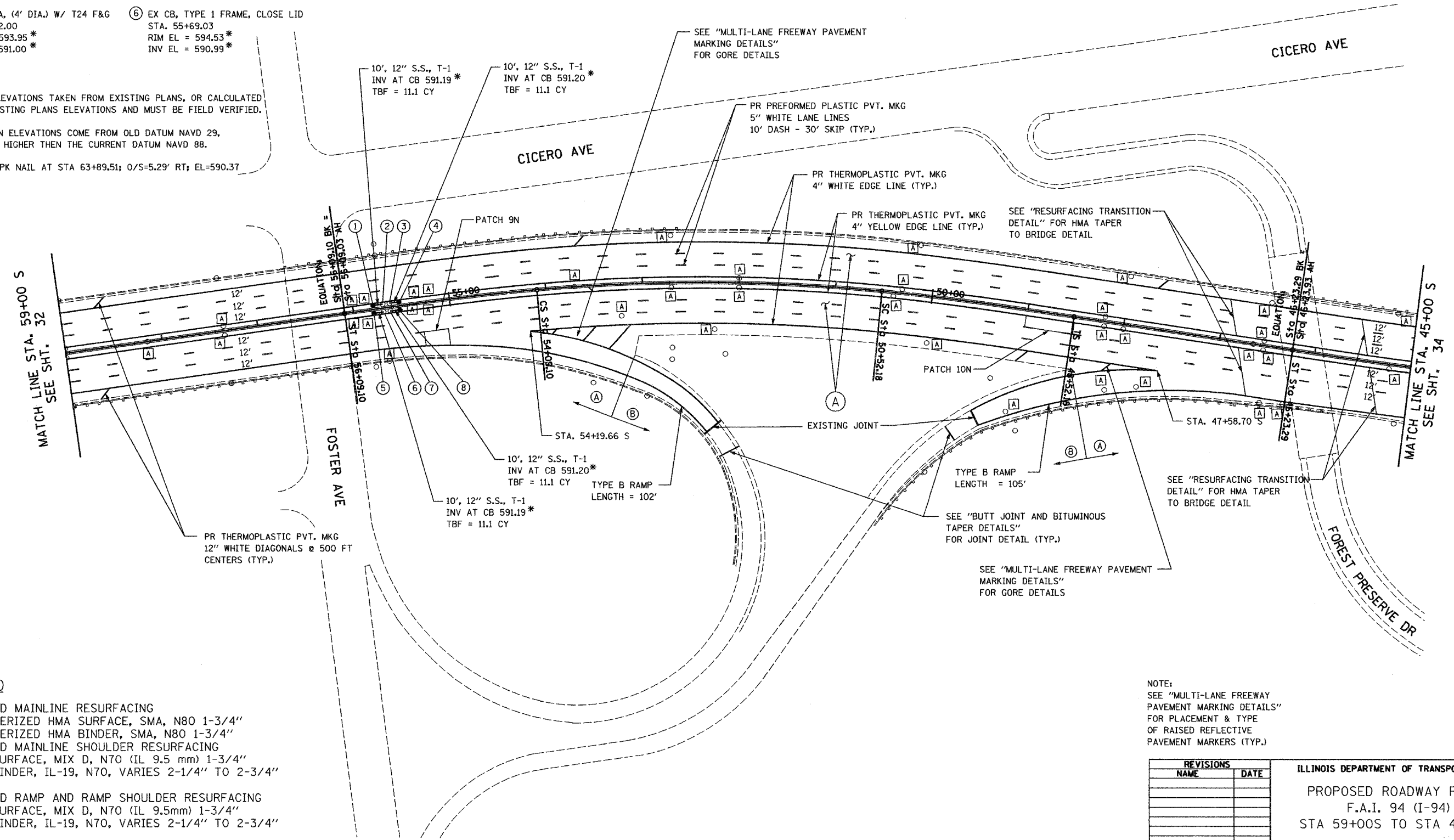
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 PLOT SCALE = \$SCALE\$
 USER NAME = default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	33
STA. 59+00S		TO STA. 45+00S		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

- ① PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 55+79.03
RIM EL = 593.93*
INV EL = 591.19*
- ② EX CB, FILLED MAINTAINING FLOW
STA. 55+69.03
RIM EL = 593.94*
INV EL = 590.99*
- ③ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 55+62.00
RIM EL = 593.95*
INV EL = 591.00*
- ④ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 55+52.00
RIM EL = 594.00*
INV EL = 591.20*
- ⑤ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 55+79.03
RIM EL = 594.41*
INV EL = 591.19*
- ⑥ EX CB, TYPE 1 FRAME, CLOSE LID
STA. 55+69.03
RIM EL = 594.53*
INV EL = 590.99*
- ⑦ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 55+62.00
RIM EL = 594.43*
INV EL = 591.00*
- ⑧ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 55+52.00
RIM EL = 594.48*
INV EL = 591.20*

NOTES:

- * DENOTES ELEVATIONS TAKEN FROM EXISTING PLANS, OR CALCULATED BASED ON EXISTING PLANS ELEVATIONS AND MUST BE FIELD VERIFIED.
- EXISTING PLAN ELEVATIONS COME FROM OLD DATUM NAVD 29, WHICH IS 0.3' HIGHER THEN THE CURRENT DATUM NAVD 88.
- BENCHMARK: PK NAIL AT STA 63+89.51; O/S=5.29' RT; EL=590.37



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

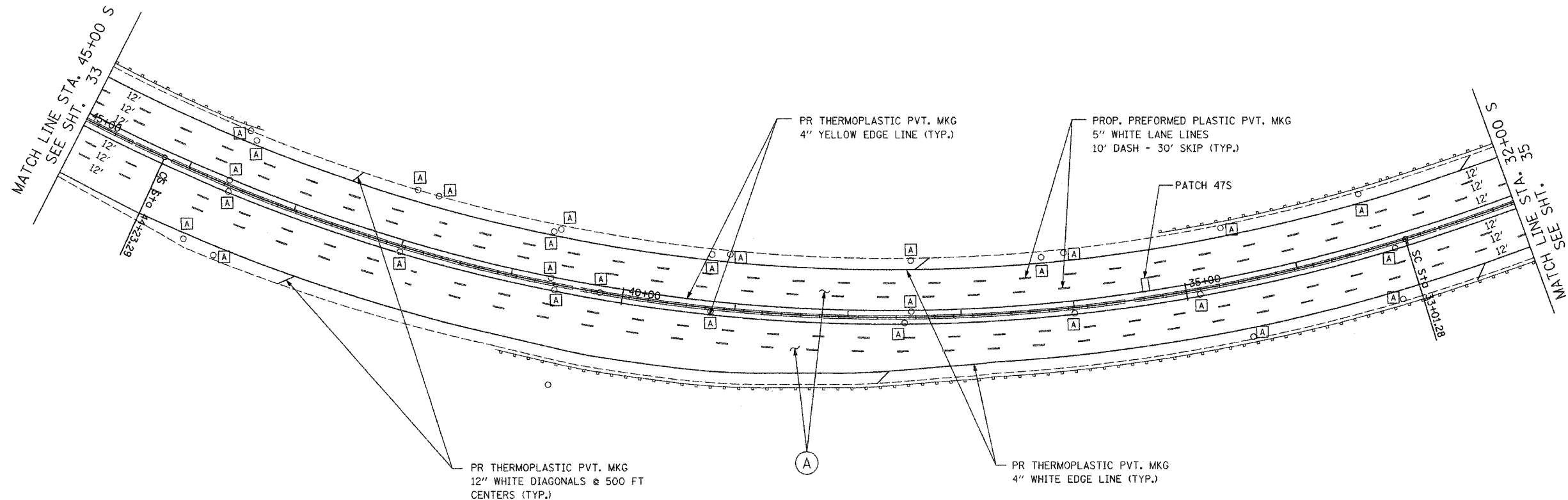
NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 59+00S TO STA 45+00S
 SCALE: 1"=50'
 DATE MAY 2007
 DRAWN BY
 CHECKED BY

PLOT DATE = 05/24/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	34
STA. 45+00S		TO STA. 32+00S		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

PLOT DATE = 5/21/2007
 PLOT NAME = ILL134
 PLOT SCALE = 1/4"=50'
 USER NAME = default

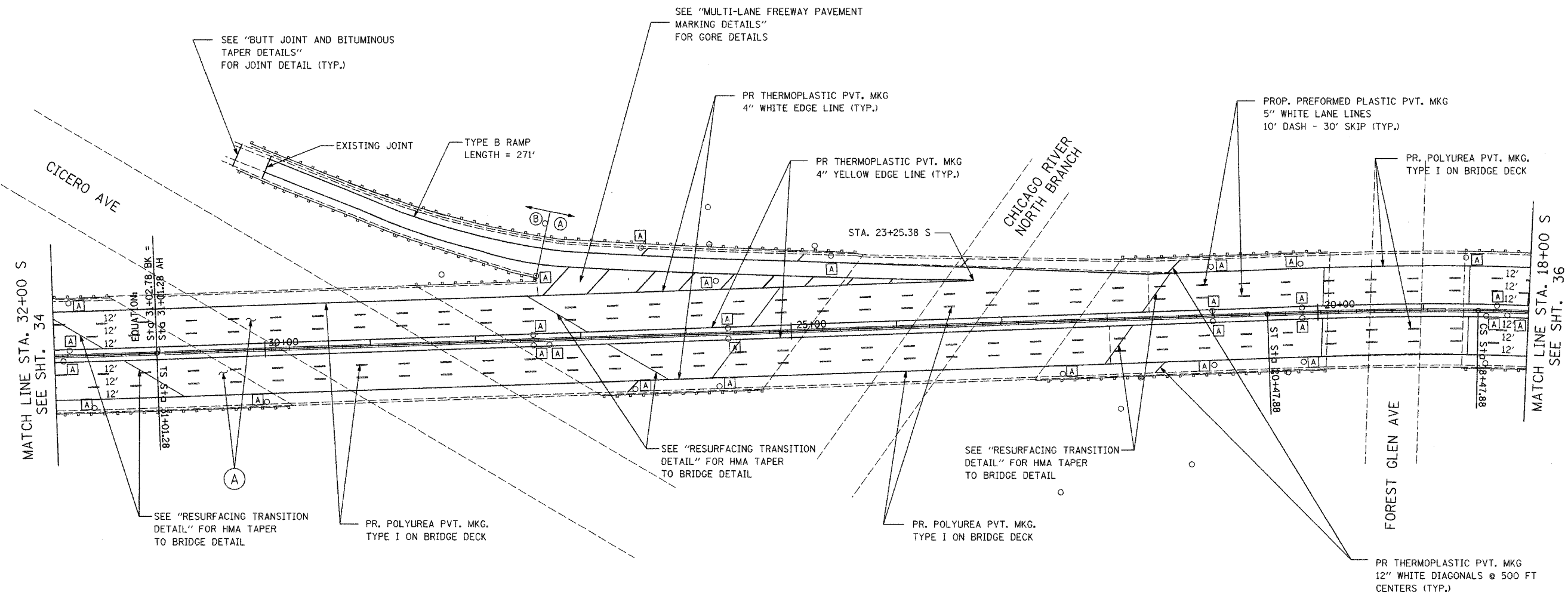
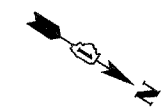
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 45+00S TO STA 32+00S

SCALE: 1/4"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	35
STA. 32+00S		TO STA. 18+00S		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

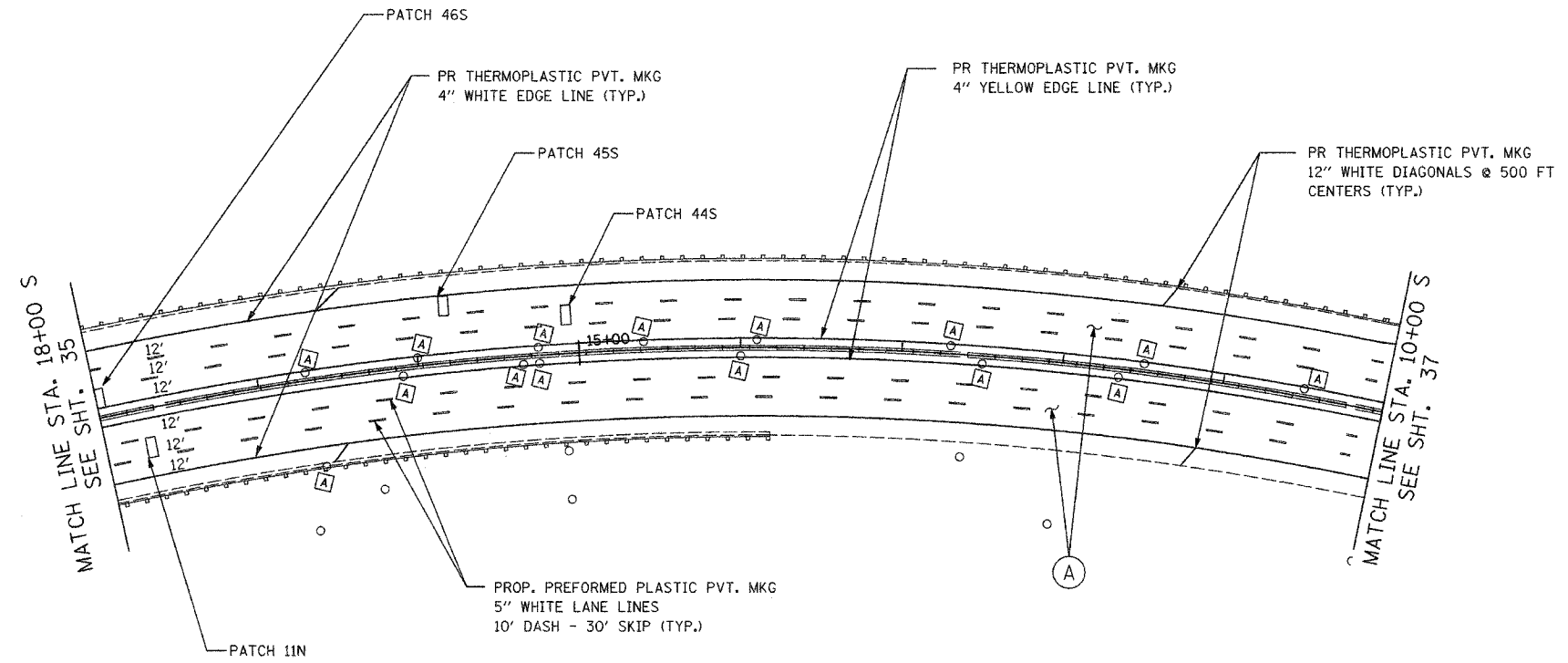
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 321+00S TO STA 18+00S

SCALE: 1"=50'
 DATE MAY 2007

DRAWN BY
 CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = 481E14
 USER NAME = 481E14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	36
STA. 18+00S		TO STA. 2+00S		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

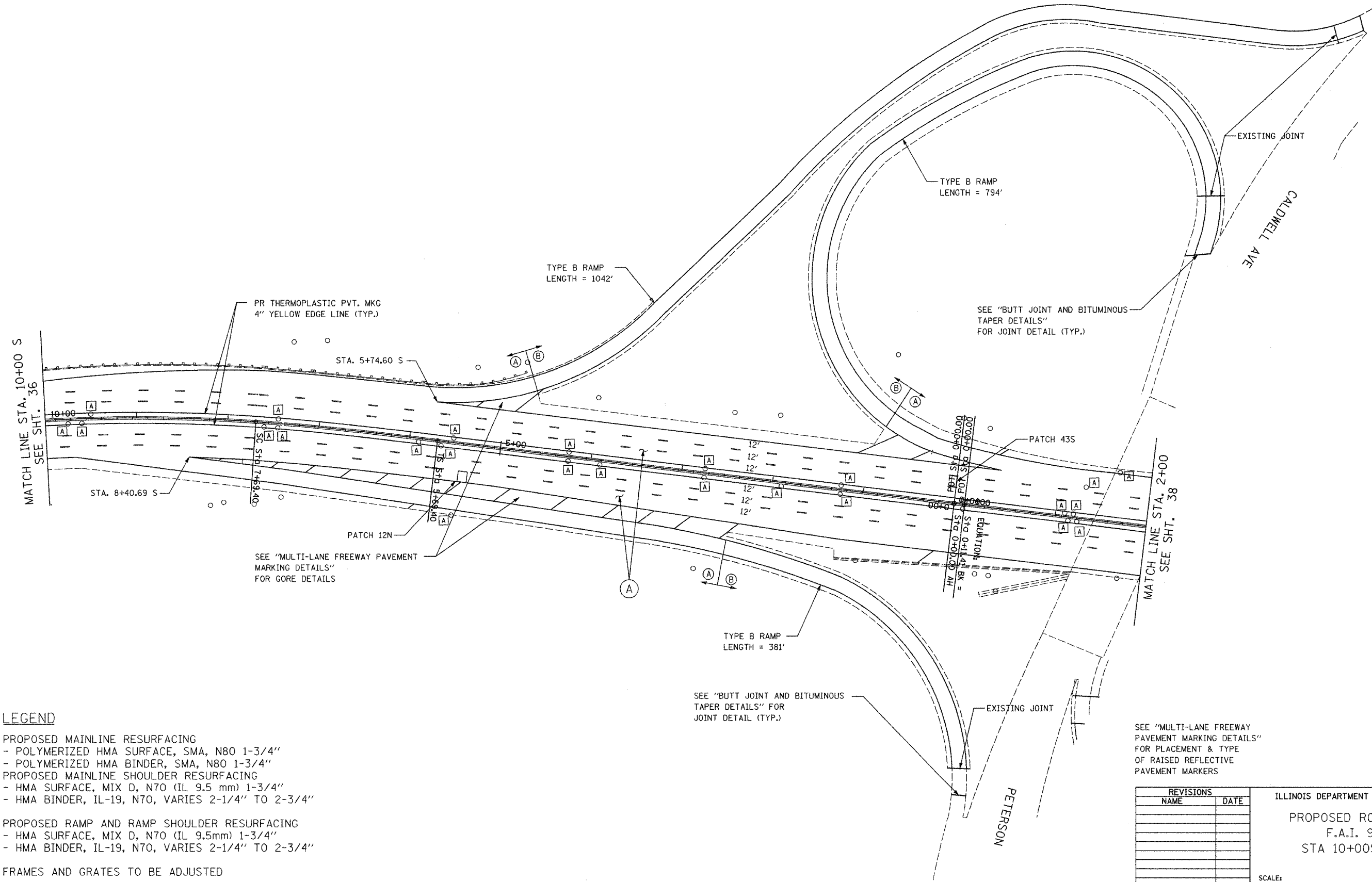
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 18+00S TO STA 10+00S

SCALE: 1"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

PLT DATE = 5/21/07
 FILE NAME = 5/21/07
 PLOT SCALE = #SCALE#
 USER NAME = de'font

CONTRACT NO. 62747				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	37
STA. 10+00		TO STA. 2+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

PLOT DATE = 5/21/2007
 PLOT SCALE = AS SHOWN
 USER NAME = dcf041t

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 10+00S TO 02+00

SCALE: _____
 DATE MAY 2007

DRAWN BY _____
 CHECKED BY _____

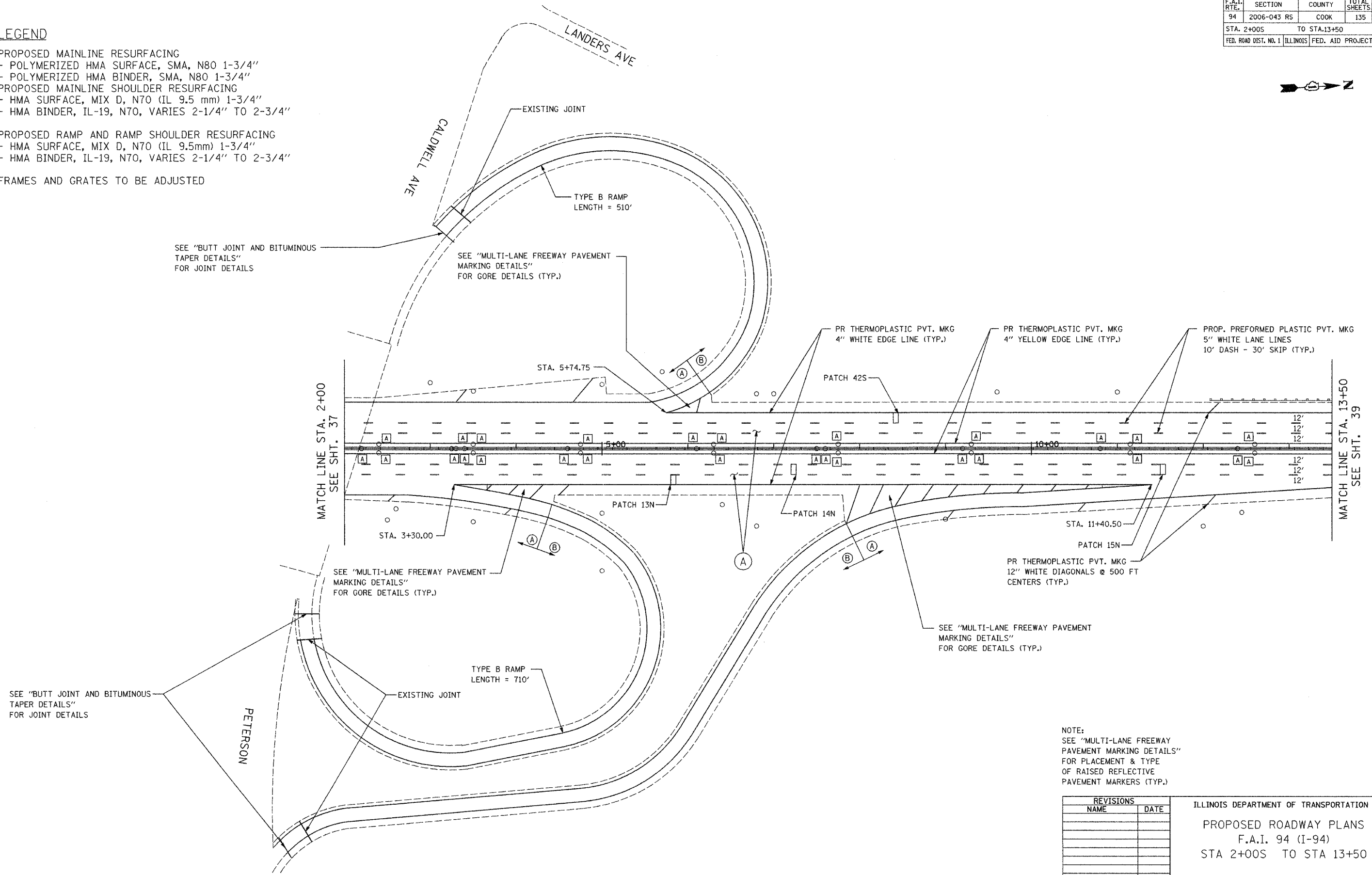
Edens I 94 Resurfacing Project

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	38
STA. 2+00S		TO STA.13+50		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED



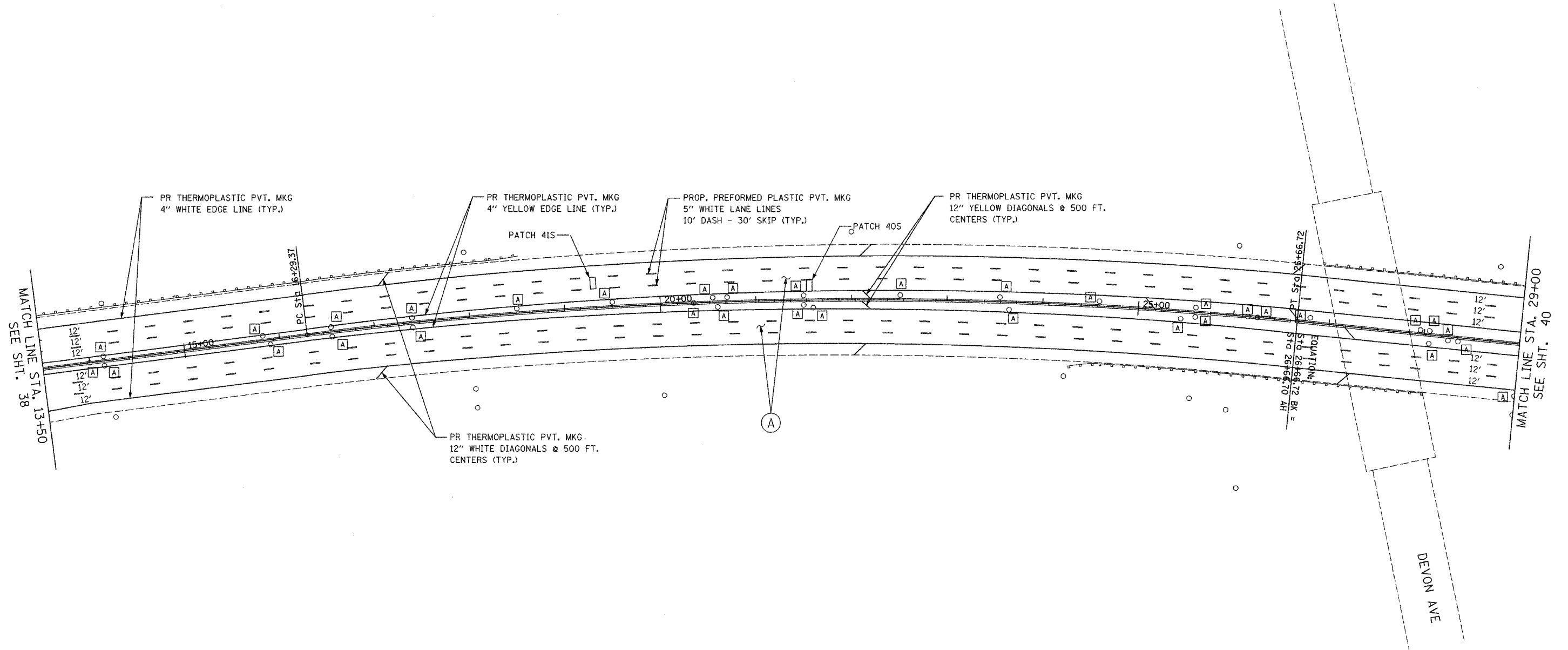
NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 2+00S TO STA 13+50
 SCALE: 1"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE = 5/21/2007
 FILE NAME = 051111
 PLOT SCALE = #SCALE#
 USER NAME = dptout

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	39
STA. 13+50		TO STA. 29+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

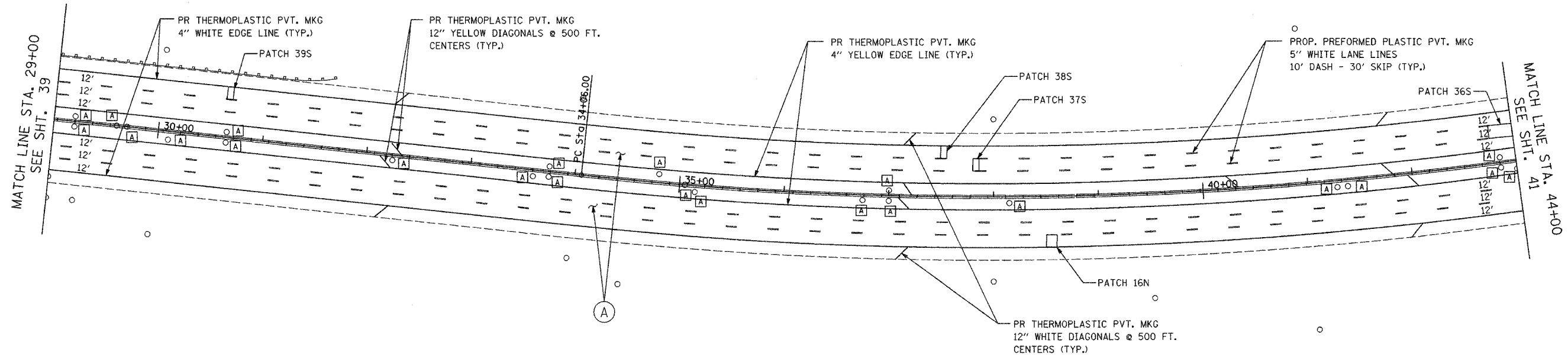
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 13+50 TO STA 29+00

SCALE: 1"=50'
 DATE MAY 2007

DRAWN BY
 CHECKED BY

PLOT DATE = 5/21/07
 PLOT NAME = 94RS39
 PLOT SCALE = 1"=50'
 USER NAME = default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	40
STA. 29+00		TO STA. 44+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 29+00 TO STA 44+00

SCALE: 1"=50'
DATE MAY 2007

DRAWN BY
CHECKED BY

PLT DATE = 5/21/2007
FILE NAME = 40
PLOT SCALE = 1"=50'
USER NAME =

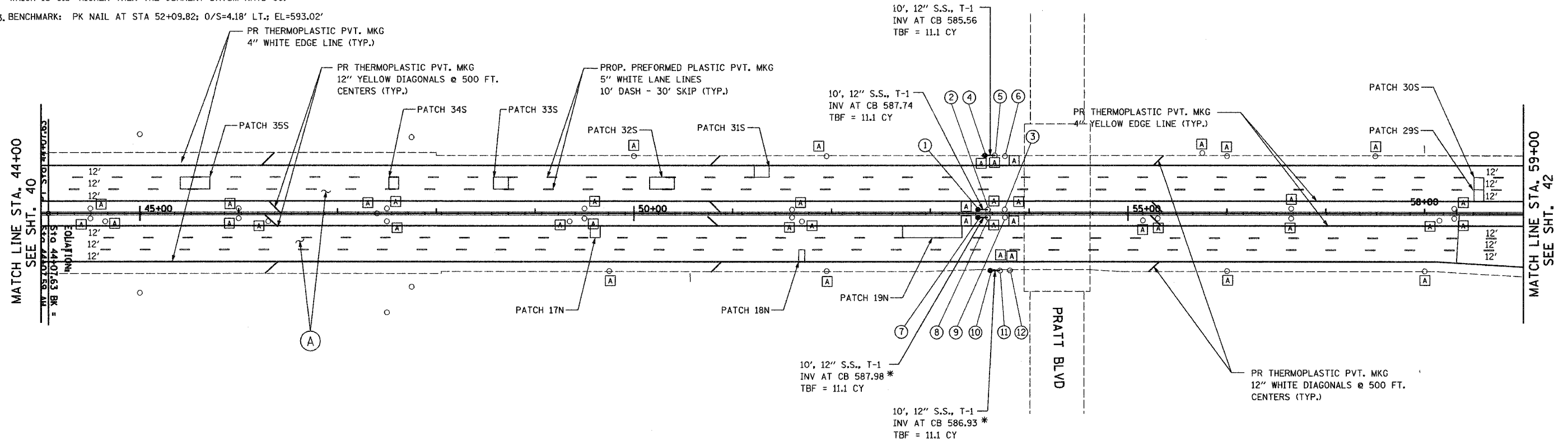
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	41
STA. 44+00		TO STA. 59+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



- | | | | |
|---|---|--|--|
| ① PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 53+48.13
RIM EL = 591.17
INV EL = 587.74 | ④ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 53+55.12
RIM EL = 591.15
INV EL = 585.56 | ⑦ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 53+48.13
RIM EL = 591.13
INV EL = 587.98* | ⑩ PR CB, T-C, (2' DIA.) W/ T24 F&G
STA. 53+60.46
RIM EL = 591.23
INV EL = 586.93* |
| ② EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+58.13
RIM EL = 591.14
INV EL = 587.54 | ⑤ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+65.12
RIM EL = 591.06
INV EL = 585.36 | ⑧ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+58.13
RIM EL = 591.01
INV EL = 587.78* | ⑪ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+70.46
RIM EL = 591.14
INV EL = 586.73* |
| ③ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+75.20
RIM EL = 591.12
INV EL = 587.37 | ⑥ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+75.52
RIM EL = 590.89
INV EL = 587.59 | ⑨ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+75.50
RIM EL = 591.11
INV EL = 587.77* | ⑫ EX CB, T-A, (4' DIA.) W/ T24 F&G
STA. 53+80.48
RIM EL = 591.11
INV EL = 587.21 |

NOTES:

- * DENOTES ELEVATIONS TAKEN FROM EXISTING PLANS, OR CALCULATED BASED ON EXISTING PLANS ELEVATIONS AND MUST BE FIELD VERIFIED..
- EXISTING PLAN ELEVATIONS COME FROM OLD DATUM NAVD 29, WHICH IS 0.3' HIGHER THEN THE CURRENT DATUM NAVD 88.
- BENCHMARK: PK NAIL AT STA 52+09.82; 0/S=4.18' LT.; EL=593.02'



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

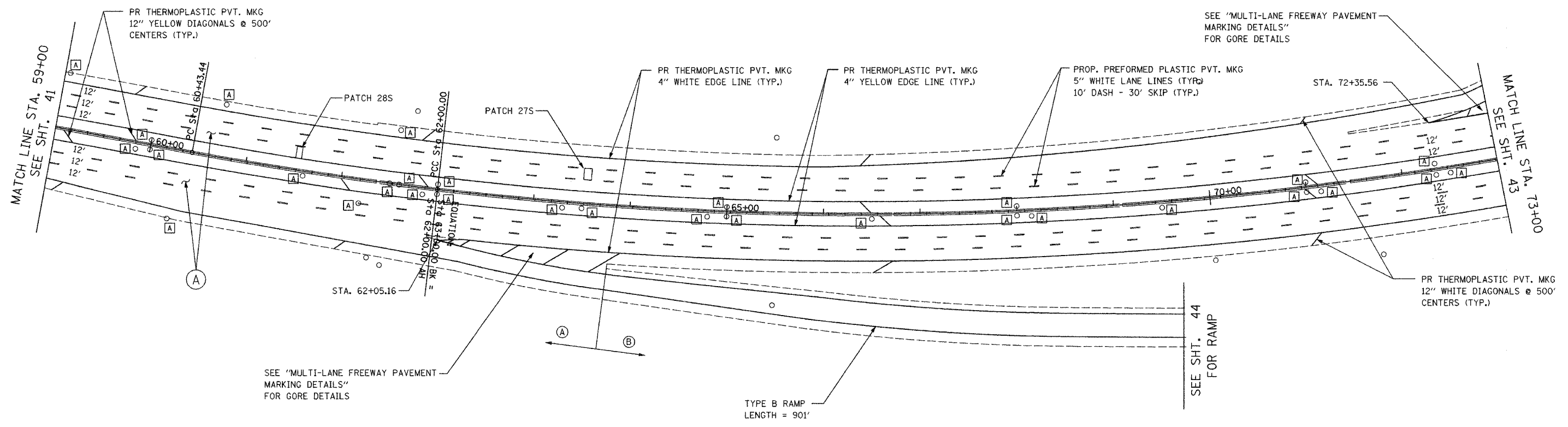
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 44+00 TO STA 59+00

SCALE: 1"=50'
DATE MAY 2007
DRAWN BY
CHECKED BY

PLOT DATE = 05/24/2007
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #PRG#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	42
STA. 59+00		TO STA. 73+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

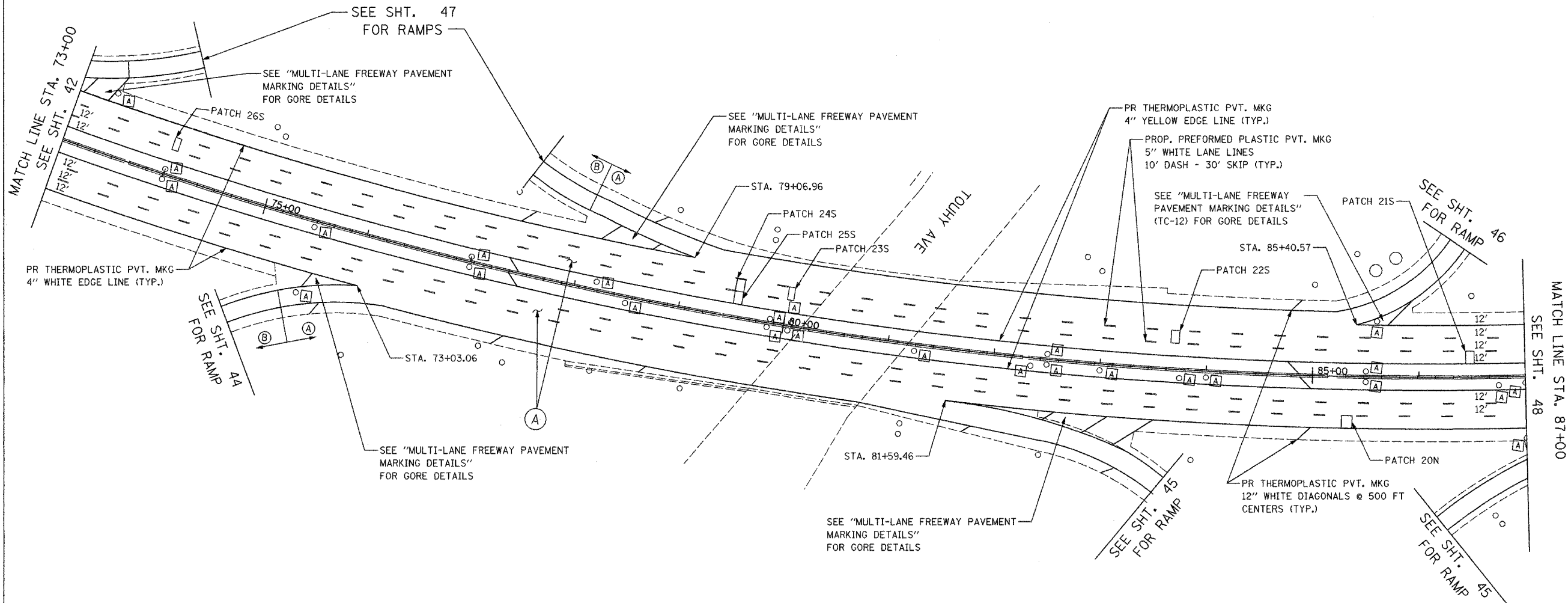
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 59+00 TO STA 73+00

SCALE: 1"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE = 5/21/2007
 FILE NAME = I94E1E
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	43
STA. 73+00		TO STA. 87+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

- (A) HOT-MIX ASPHALT FOR MAINLINE AND MAINLINE SHOULDERS
- (B) HOT-MIX ASPHALT FOR RAMP AND RAMP SHOULDERS
- (A) FRAMES AND GRATES TO BE ADJUSTED



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

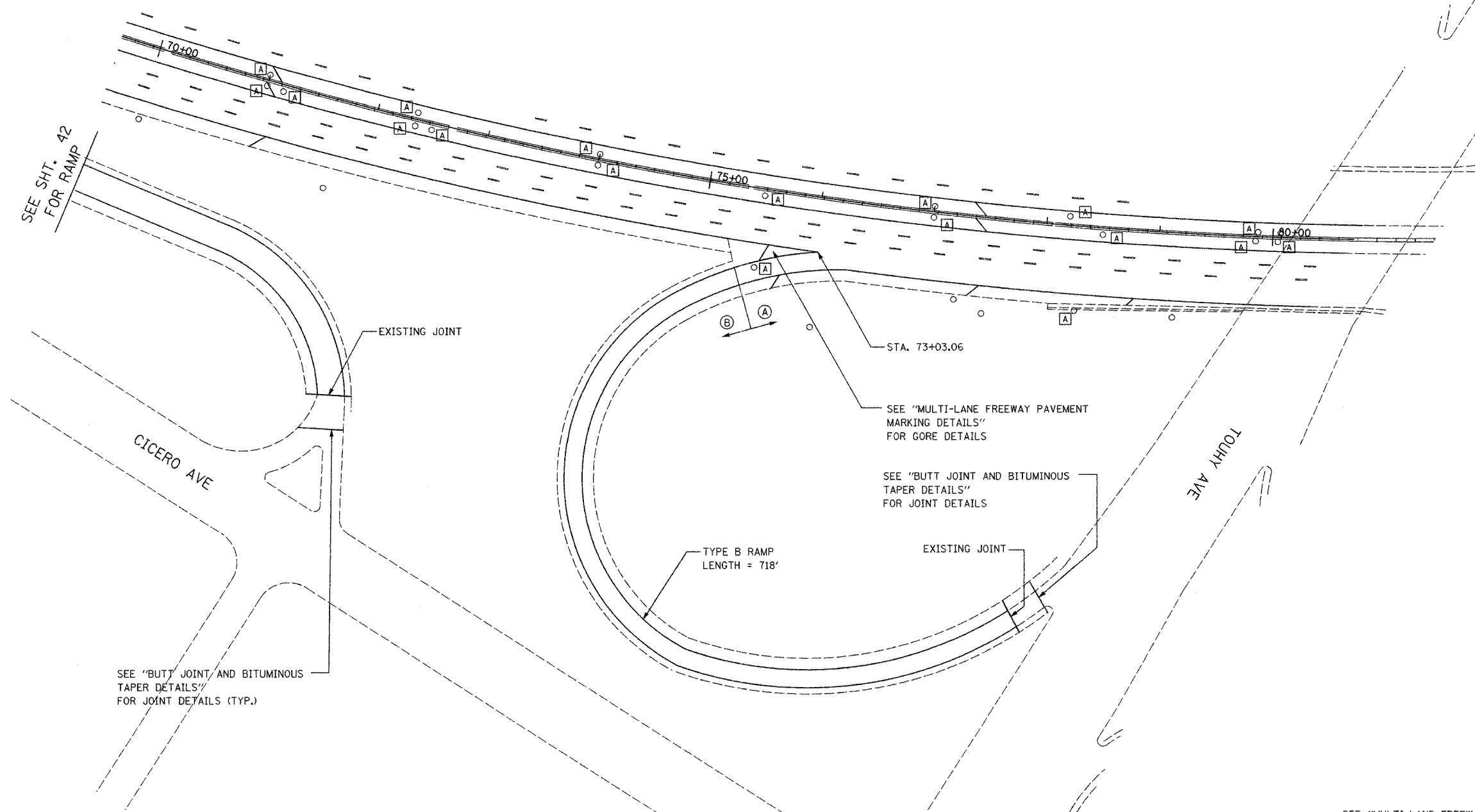
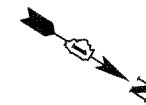
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 73+00 TO STA 87+00

SCALE: 1"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

Edens I 94 Resurfacing Project

PLOT DATE = 5/21/2007
 FILE NAME = I94RESURF.PLT
 PLOT SCALE = 1"=50'
 USER NAME = default

CONTRACT NO. 62747			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
94	2006-043 RS	COOK	135 44
STA.		TO STA.	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



SEE SHT. 42
FOR RAMP

CICERO AVE

TOUHY AVE

EXISTING JOINT

STA. 73+03.06

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR GORE DETAILS

SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS

TYPE B RAMP
LENGTH = 718'

EXISTING JOINT

SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS (TYP.)

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

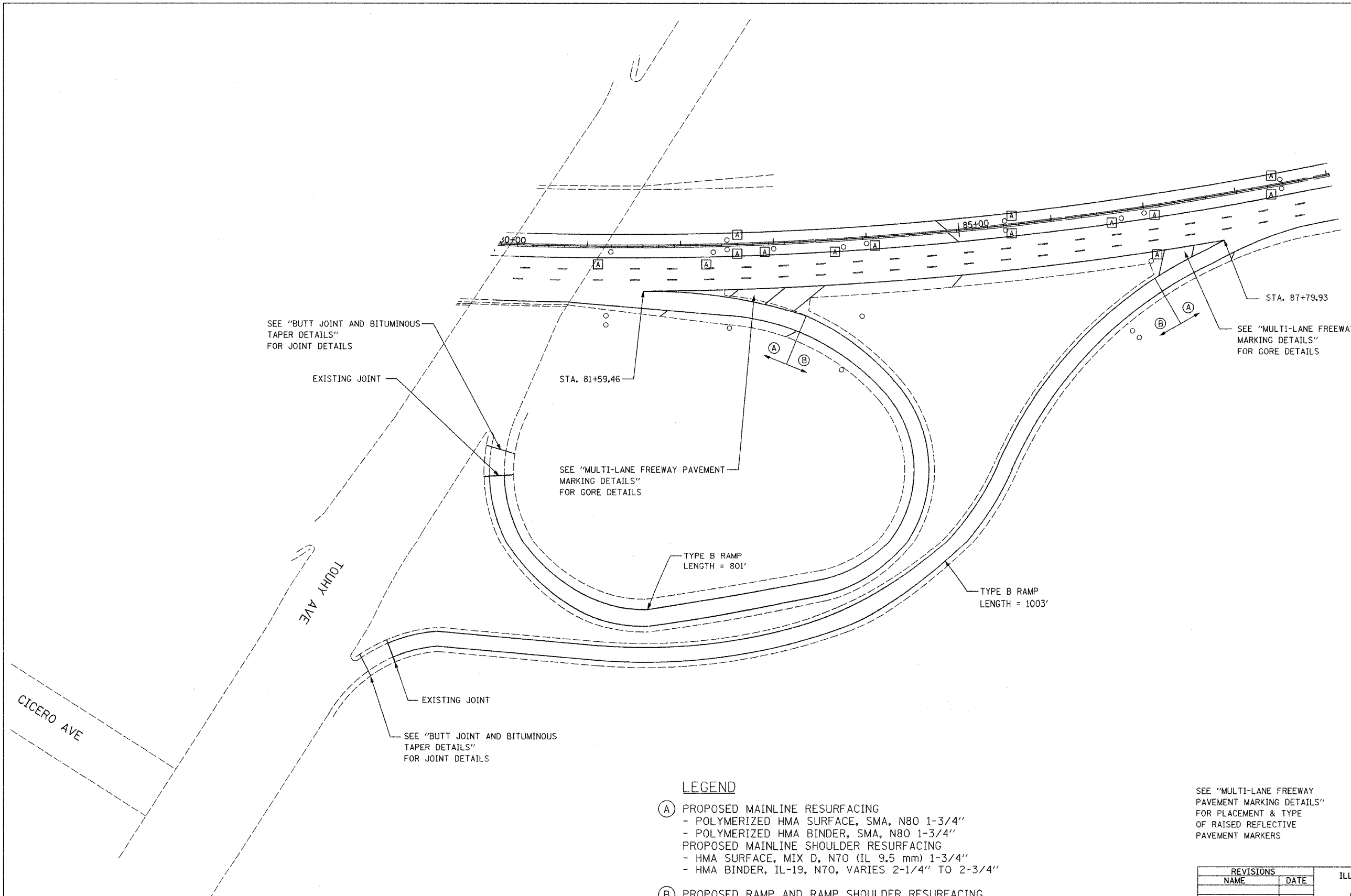
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 TOUHY AVENUE RAMP (SE QUAD)
 TO NORTHBOUND F.A.I. 94 (I-94)

SCALE: DATE MAY 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = #FILE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	45
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS

EXISTING JOINT

STA. 81+59.46

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR GORE DETAILS

TYPE B RAMP LENGTH = 801'

TYPE B RAMP LENGTH = 1003'

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR GORE DETAILS

STA. 87+79.93

EXISTING JOINT

SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS

TOUHY AVE

CICERO AVE

LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

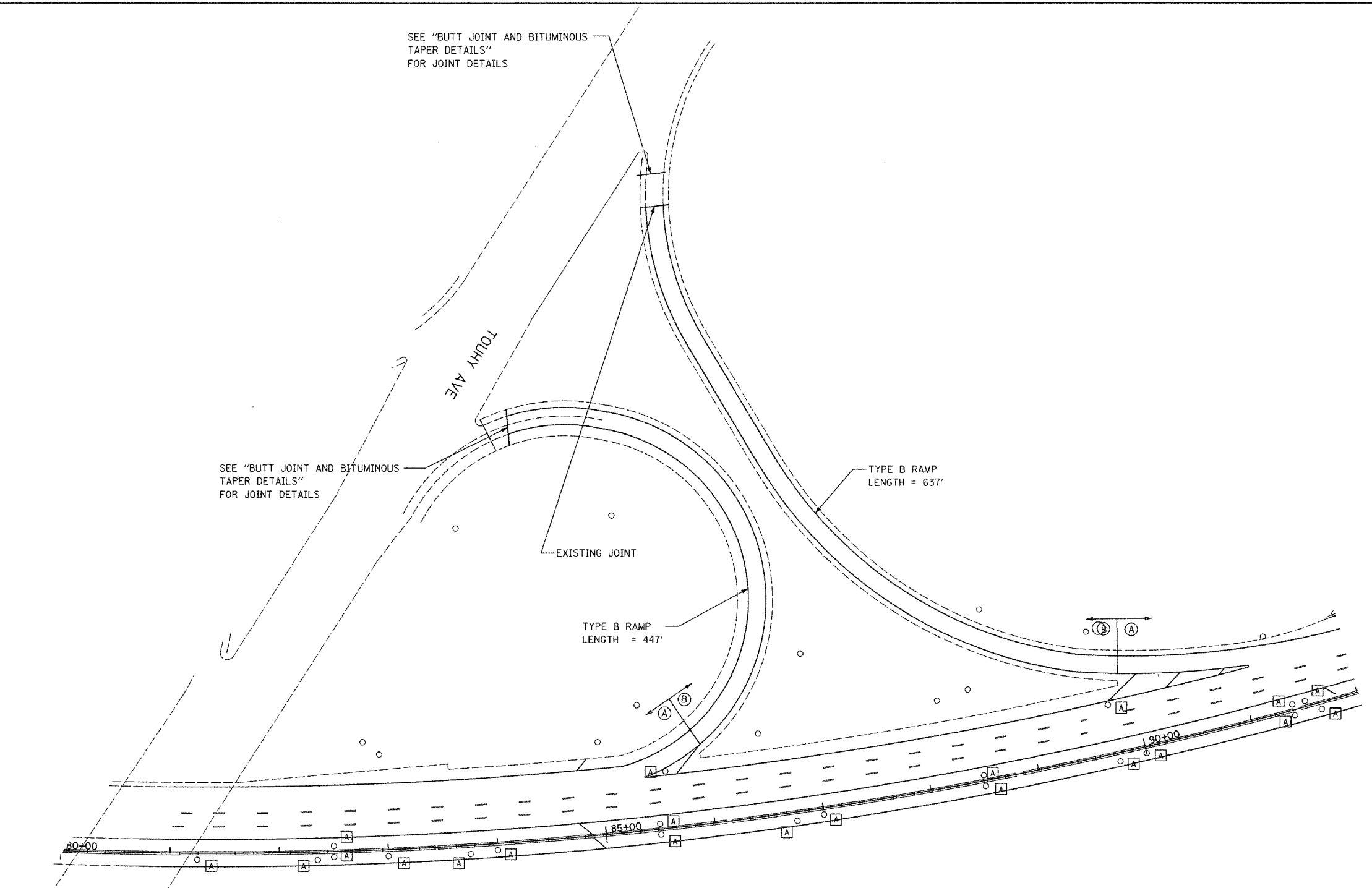
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 NORTHBOUND F.A.I. 94 (I-94)
 RAMP (NE QUAD)
 TO TOUHY AVENUE
 SCALE: _____ DRAWN BY _____
 DATE: MAY 2007 CHECKED BY _____

PLOT DATE = 5/21/2007
 PLOT SCALE = 1"=40'
 USER NAME = ddtout

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	46
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS

SEE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" FOR JOINT DETAILS

TYPE B RAMP LENGTH = 637'

EXISTING JOINT

TYPE B RAMP LENGTH = 447'

LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

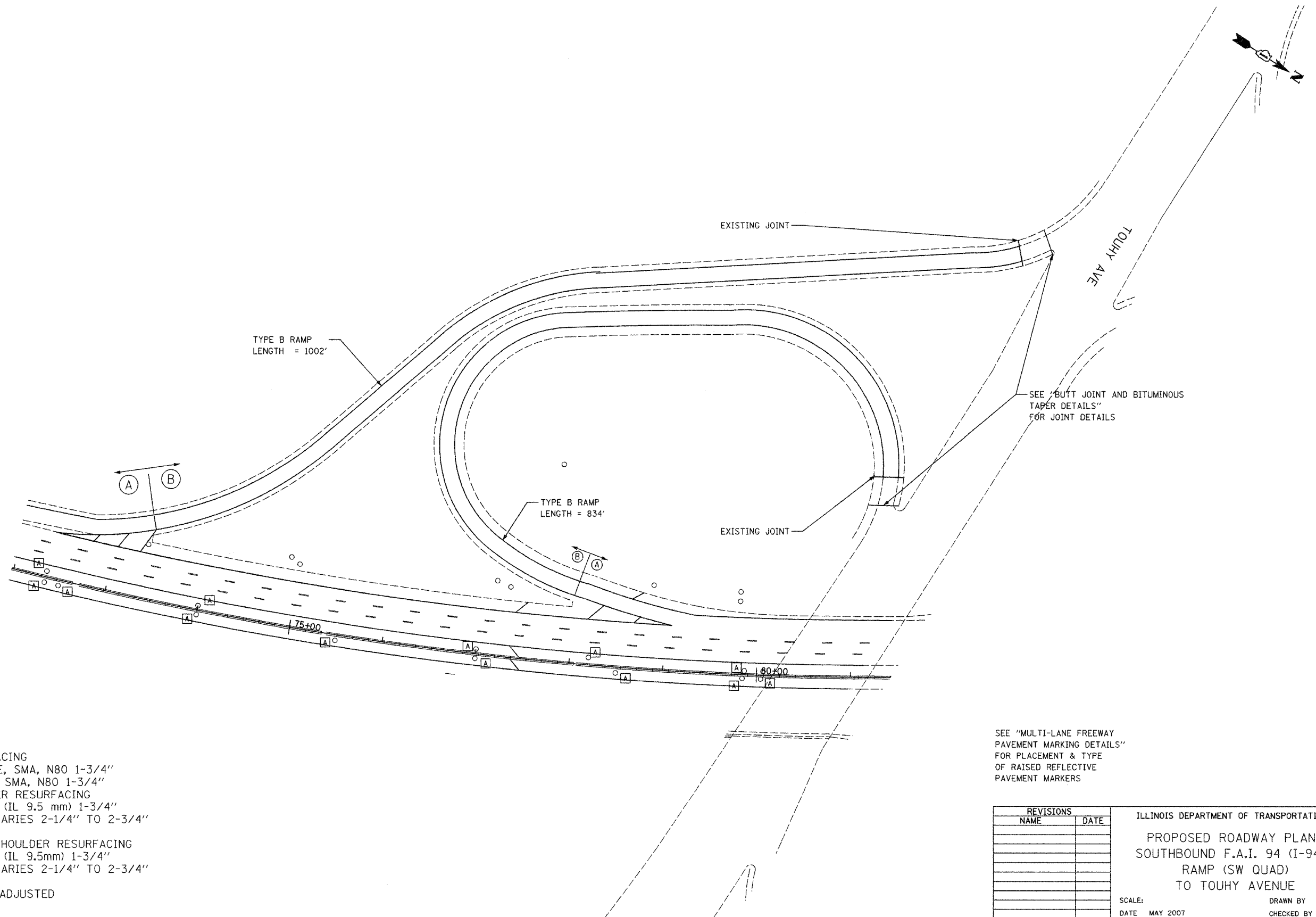
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 TOUHY AVENUE RAMP (NW QUAD)
 TO SOUTHBOUND F.A.I. 94 (I-94)

SCALE: DATE MAY 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = #FILE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	47
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

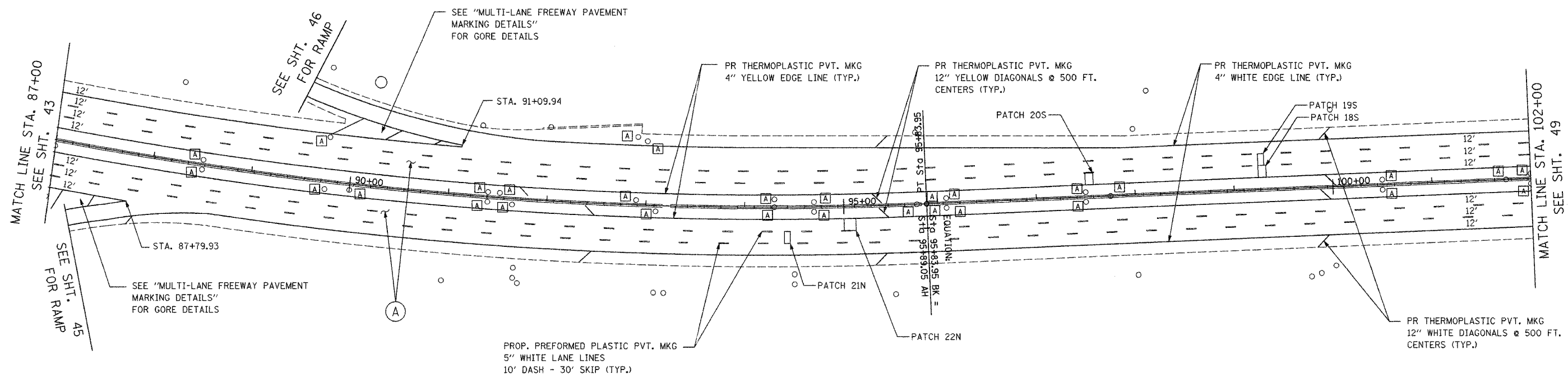
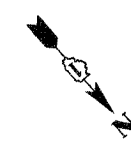
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLANS
SOUTHBOUND F.A.I. 94 (I-94)
RAMP (SW QUAD)
TO TOUHY AVENUE

SCALE: DATE MAY 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/23/2007
FILE NAME = 8FILES
USER NAME = 887047

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	48
STA. 87+00		TO STA. 102+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
 SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

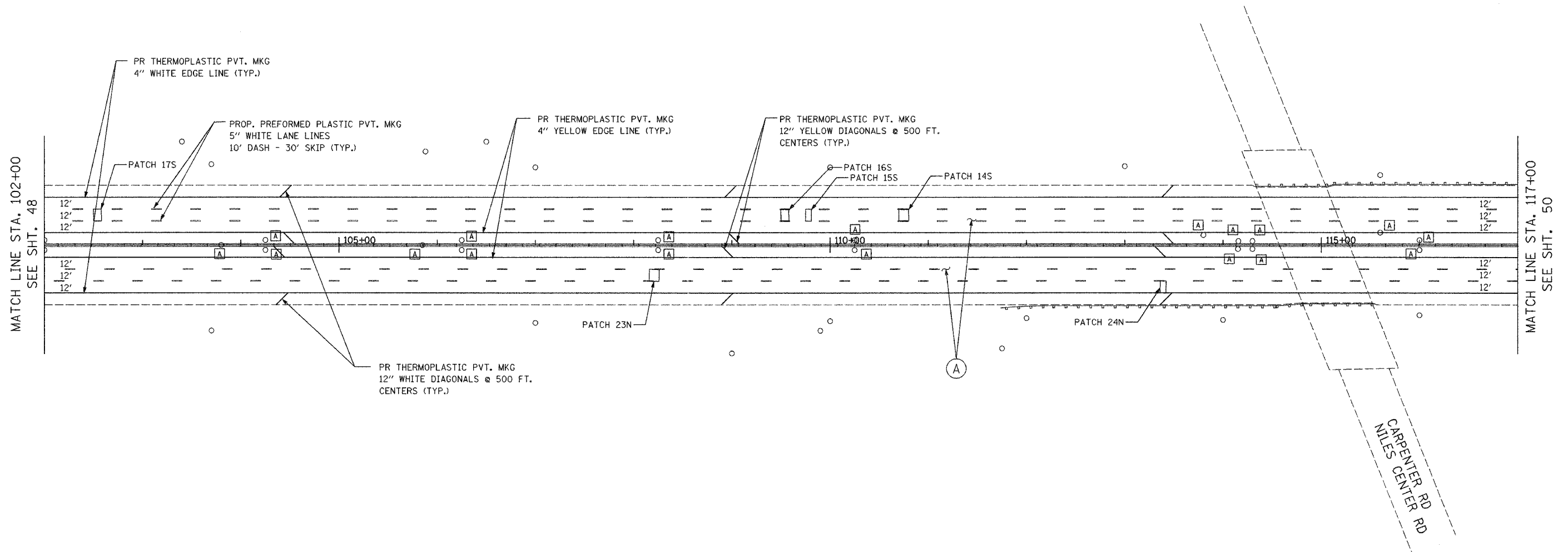
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 87+00 TO STA 102+00

SCALE: 1"=50'
 DATE MAY 2007

DRAWN BY
 CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	49
STA. 102+00		TO STA. 117+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

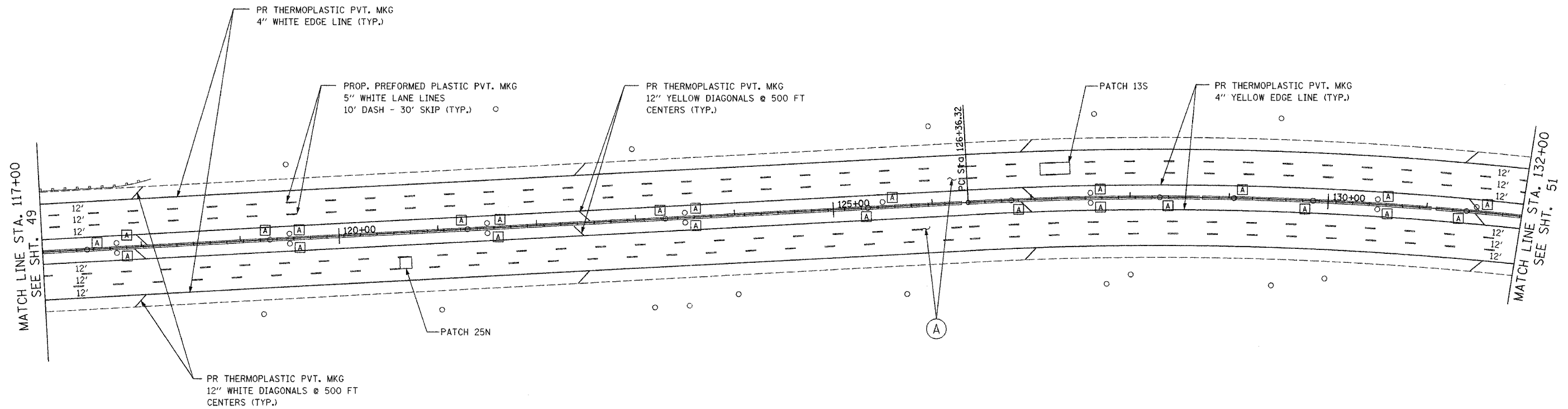
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 102+00 TO STA 117+00

SCALE: 1"=50'
DATE: MAY 2007

DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
FILE NAME = 071114
USER NAME = 007027

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	50
STA. 117+00		TO STA. 132+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

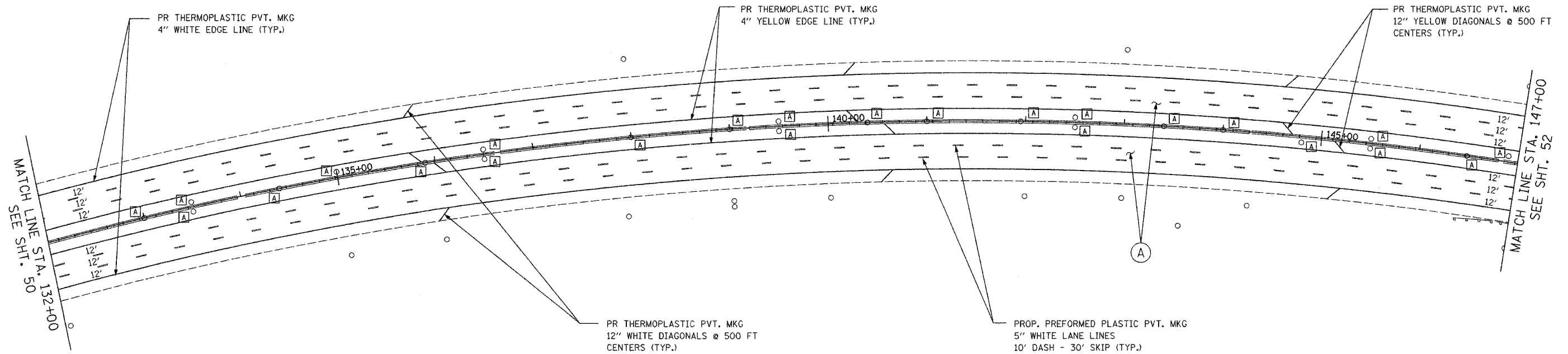
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 117+00 TO STA 132+00

SCALE: 1"=50'
DATE: MAY 2007

DRAWN BY
CHECKED BY

PLT DATE = 5/21/2007
FILE NAME = 117-132
PLOT SCALE = 1"=50'
USER NAME = dtp/out

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	51
STA. 132+00		TO STA. 147+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

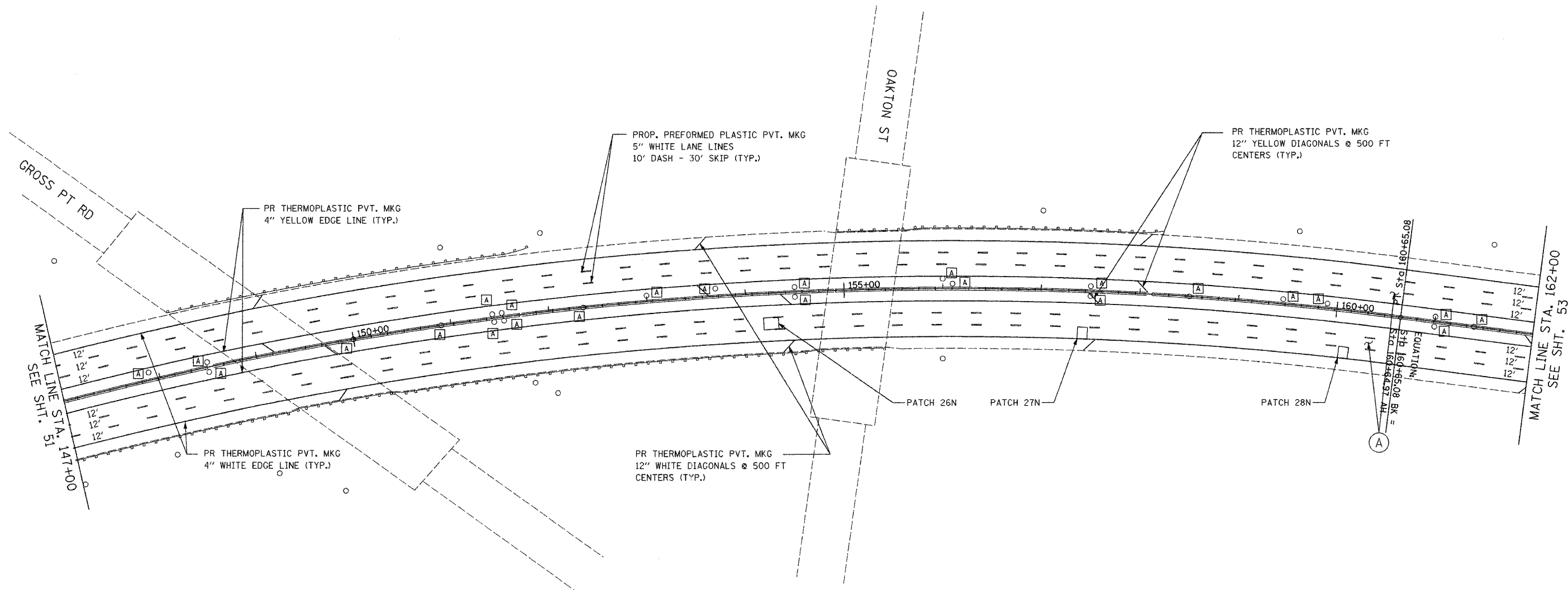
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 132+00 TO STA 147+00

SCALE: 1"=50'
DATE: MAY 2007
DRAWN BY: _____
CHECKED BY: _____

PLOT DATE = 5/21/2007
FILE NAME = 01LEL4
PLOT NAME = 01LEL4
USER NAME = 01LEL4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	52
STA. 147+00		TO STA. 162+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

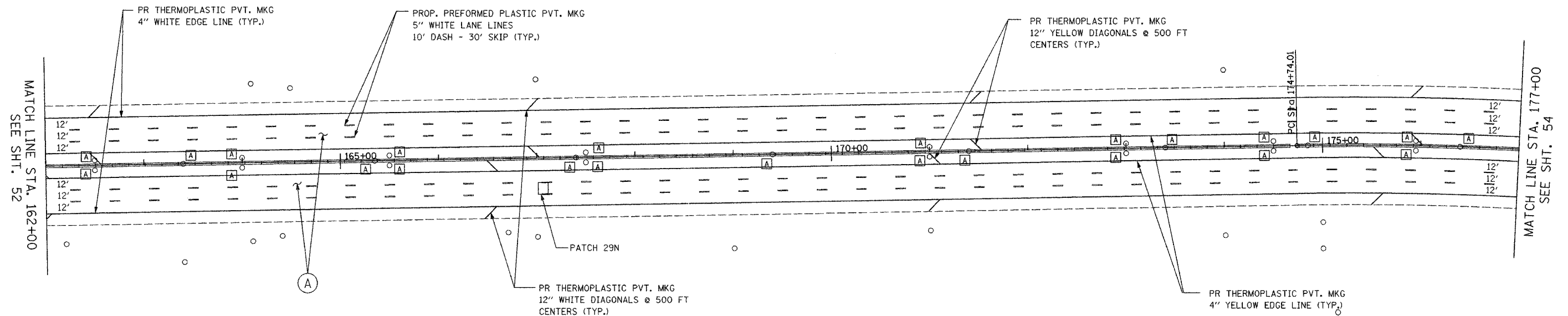
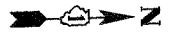
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 147+00 TO STA 162+00

SCALE: 1"=50'
DATE MAY 2007
DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
FILE NAME = RFILEL8
USER NAME = 487out

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	53
STA. 162+00		TO STA. 177+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

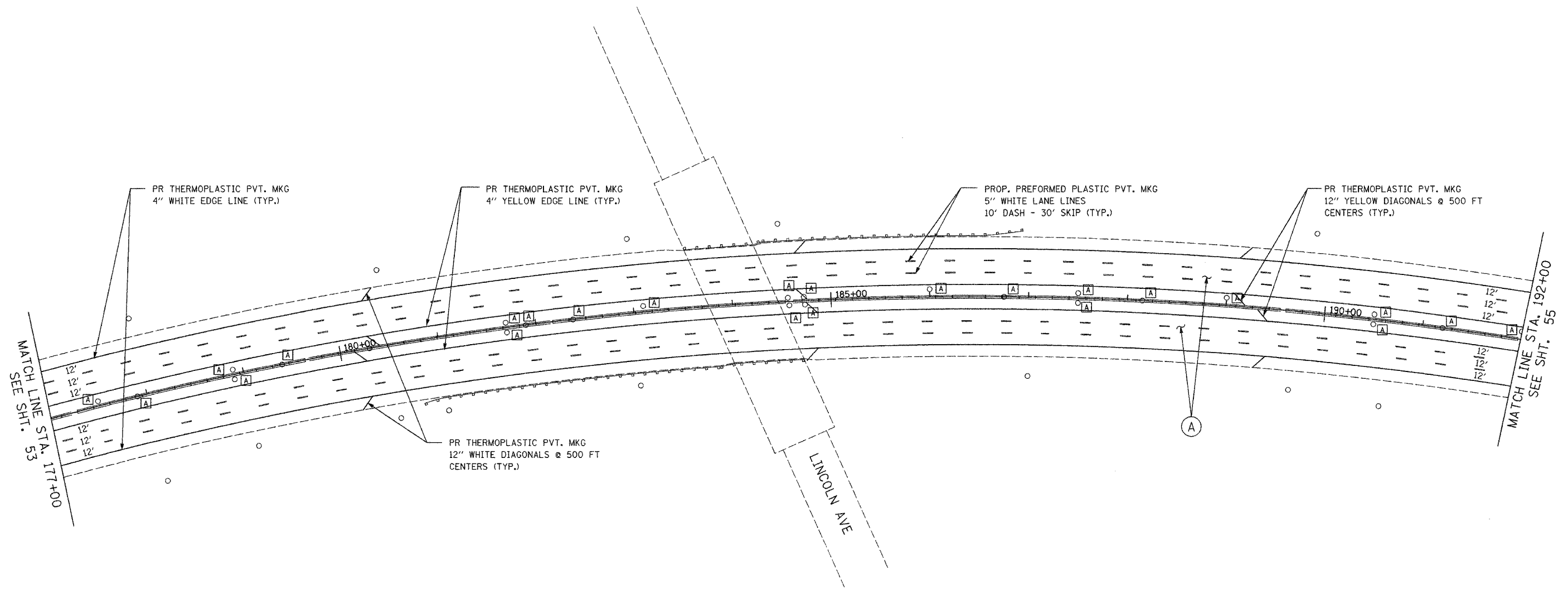
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 162+00 TO STA 177+00

SCALE: 1"=50'
DATE: MAY 2007

DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
PLOT SCALE = AS SHOWN
PLOT SCALE = AS SHOWN
USER NAME = default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	54
STA. 177+00		TO STA. 192+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
 SEE "MULTI-LANE FREEWAY
 PAVEMENT MARKING DETAILS"
 FOR PLACEMENT & TYPE
 OF RAISED REFLECTIVE
 PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

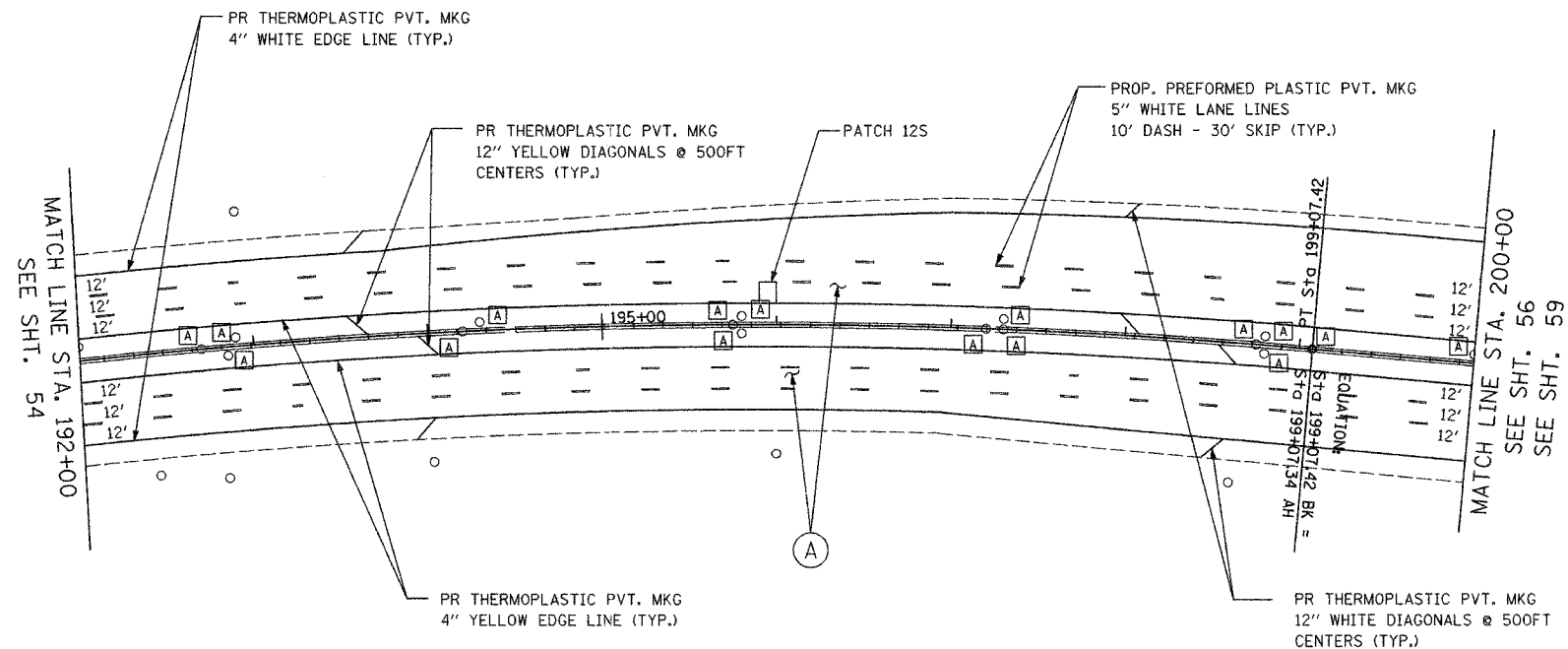
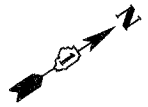
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 177+00 TO STA 192+00

SCALE: 1"=50'
 DATE: MAY 2007

DRAWN BY
 CHECKED BY

PLT DATE = 5/21/2007
 PLT TIME = 10:58:54
 PLT SCALE = #SCALE#
 USER NAME = #default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	55
STA. 192+00		TO STA. 200+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

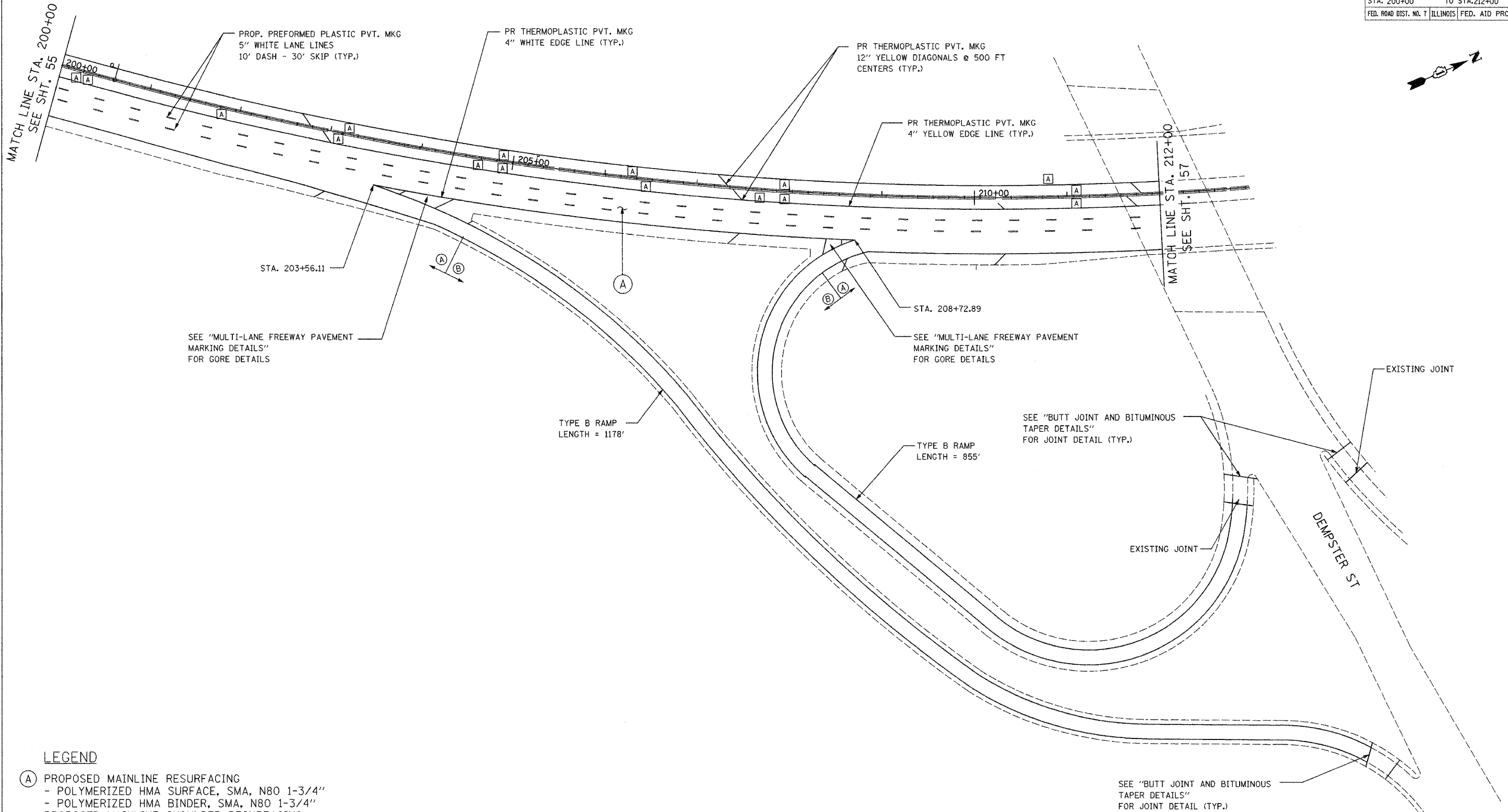
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 192+00 TO STA 200+00

SCALE: 1"=50'
DATE: MAY 2007

DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
PLOT SCALE = 1"=50'
USER NAME = chf/out

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	56
STA. 200+00		TO STA. 212+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE SHEET 25 FOR SOUTHBOUND

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

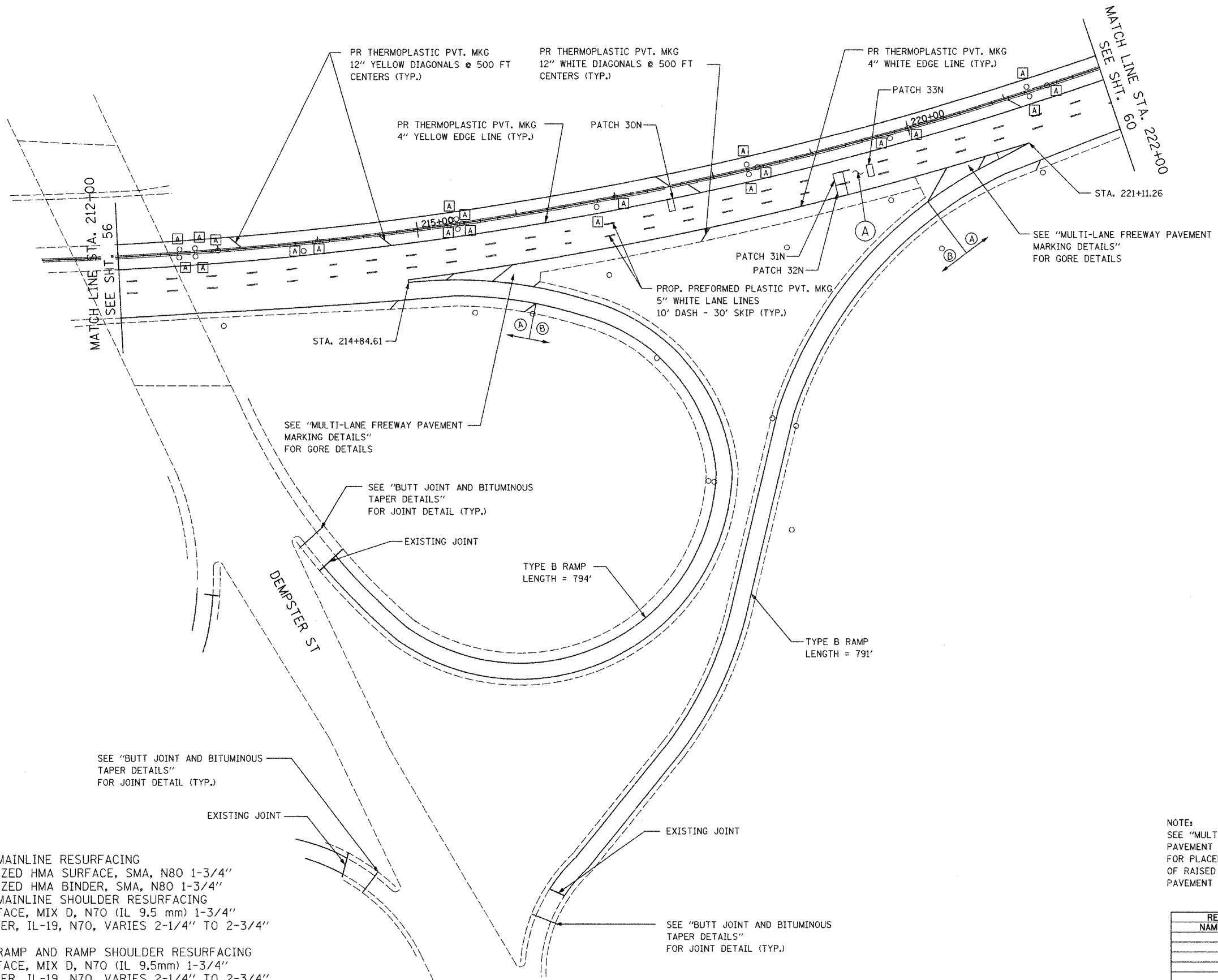
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 200+00 TO STA 212+00 NB

SCALE: DATE JAN 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = WFL1E1
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 087047

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	57
STA. 212+00		TO STA. 222+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



DEMPSER ST

STA. 214+84.61

220+00

MATCH LINE STA. 222+00
SEE SHT. 58

MATCH LINE STA. 212+00
SEE SHT. 56

LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

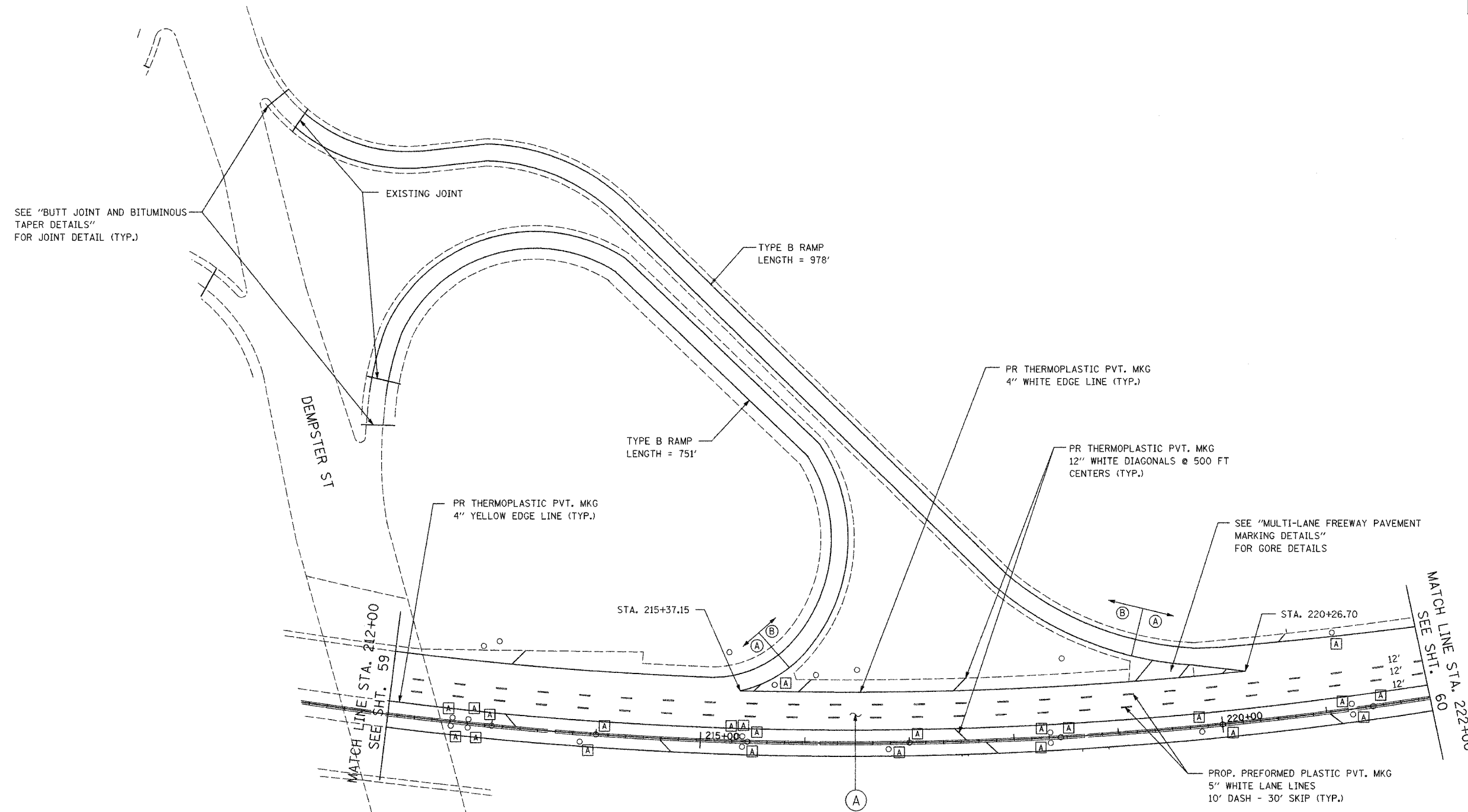
NOTE:
SEE SHEET 24 FOR SOUTHBOUND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 212+00 TO STA 222+00 NB
 SCALE: DATE JAN 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/21/2007
 FILE NAME = I94L1
 PLOT SCALE = 1/8"=1'-0"
 USER NAME =

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	58
STA. 212+00		TO STA. 222+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

NOTE:
SEE SHEET 23 FOR NORTHBOUND

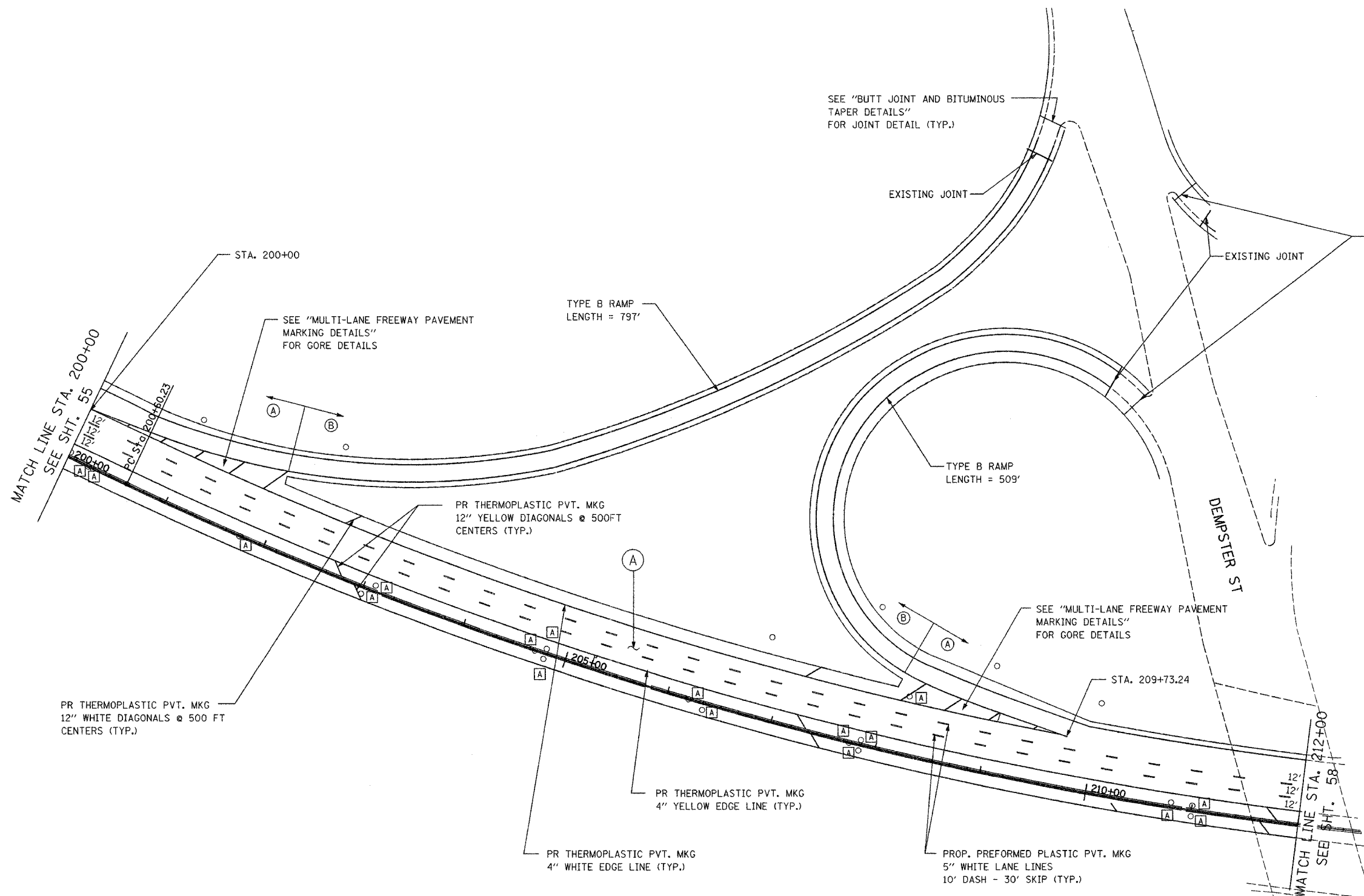
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 212+00 TO STA 222+00 SB

SCALE: DATE JAN 2007 DRAWN BY CHECKED BY

PLOT DATE = 5/21/2007
 PLOT SCALE = AS SHOWN
 USER NAME = 08/00/07

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	59
STA. 200+00		TO STA. 212+00		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE SHEET 22 FOR NORTHBOUND

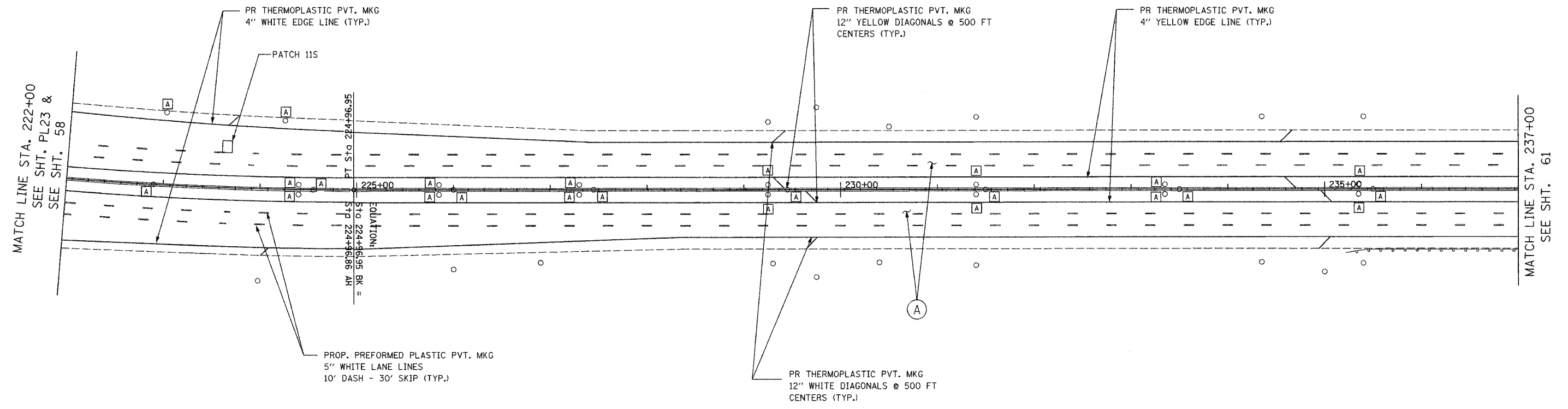
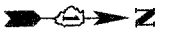
NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 200+00 TO STA 212+00 SB
 SCALE: _____ DRAWN BY _____
 DATE JAN 2007 CHECKED BY _____

PLOT DATE = 5/21/2007
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	60
STA. 222+00		TO STA. 237+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS (TYP.)

REVISIONS	
NAME	DATE

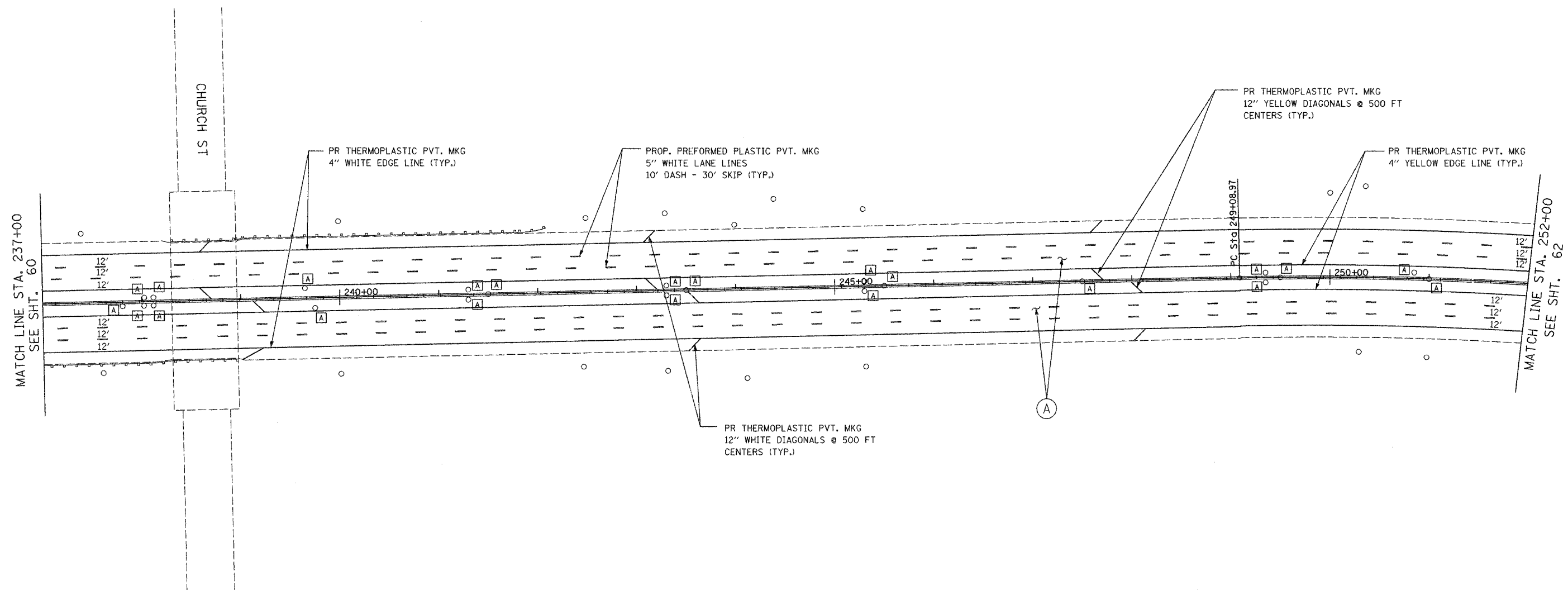
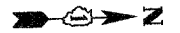
ILLINOIS DEPARTMENT OF TRANSPORTATION

 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 222+00 TO STA 237+00

 SCALE: _____ DRAWN BY _____
 DATE JAN 2007 CHECKED BY _____

PLOT DATE = 5/21/2007
 FILE NAME = FILEL
 PLOT SCALE = *SCALE*
 USER NAME = *DEFOUT*

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	61
STA. 237+00		TO STA. 252+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS

REVISIONS	
NAME	DATE

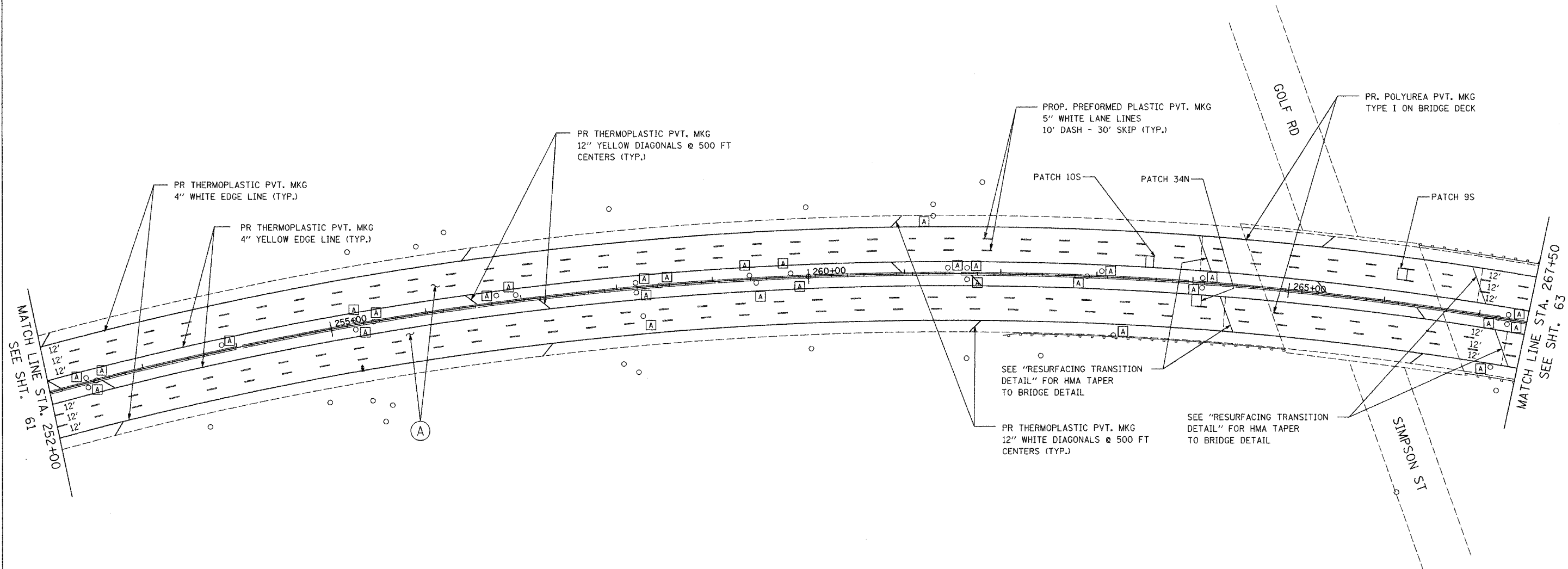
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 237+00 TO STA 252+00

SCALE: 1"=50'
DATE: MAY 2007

DRAWN BY
CHECKED BY

PLOT DATE = 5/21/2007
PLOT NAME = 94RS61
PLOT SCALE = 1"=50'
USER NAME = default

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	62
STA. 252+00		TO STA. 267+50		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
 SEE "MULTI-LANE FREEWAY
 PAVEMENT MARKING DETAILS"
 FOR PLACEMENT & TYPE
 OF RAISED REFLECTIVE
 PAVEMENT MARKERS

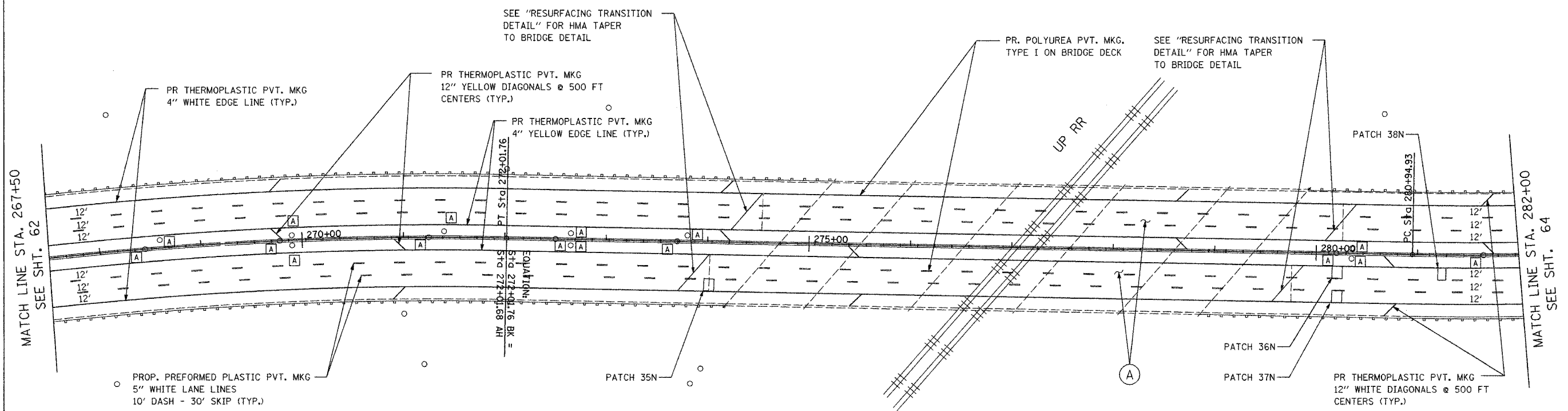
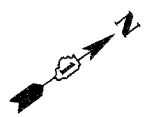
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 252+00 TO STA 267+50

SCALE: 1"=50'
 DATE: MAY 2007
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE = 5/21/2007
 FILE NAME = #FILEL9
 PLOT FILE = #PLOT9
 USER NAME = #RFOUR

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	63
STA. 267+50		TO STA. 282+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 267+50
SEE SHT. 62

MATCH LINE STA. 282+00
SEE SHT. 64

LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS"
FOR PLACEMENT & TYPE
OF RAISED REFLECTIVE
PAVEMENT MARKERS

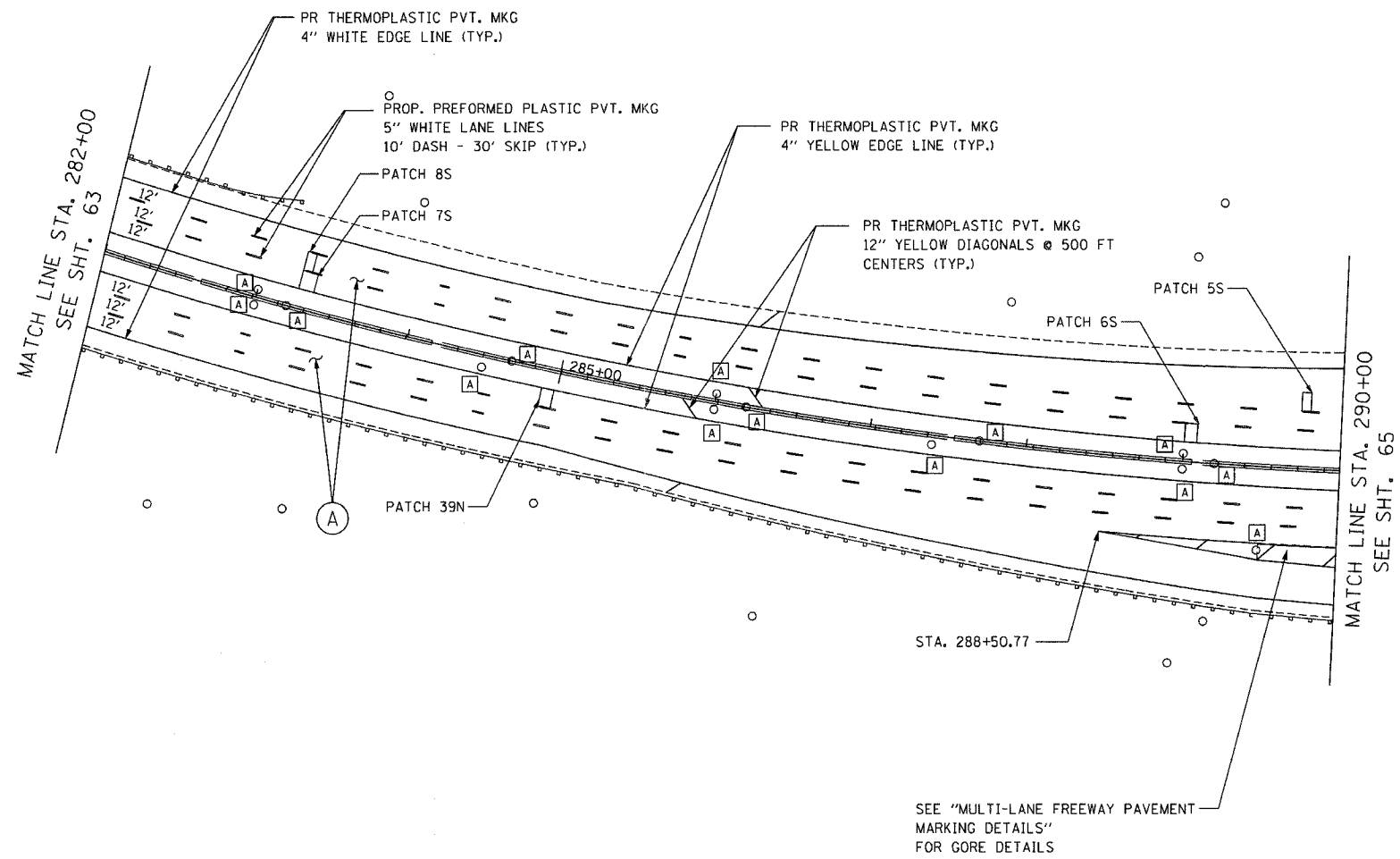
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLANS
F.A.I. 94 (I-94)
STA 267+50 TO STA 282+00

SCALE: 1"=50'
DATE: MAY 2007
DRAWN BY: _____
CHECKED BY: _____

PLOT DATE = 5/21/2007
PLOT SCALE = AS SHOWN
PLOT SCALE = 1"=50'
USER NAME = c8t04jft

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	64
STA. 282+00		TO STA. 290+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED

NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 282+00 TO STA 290+00
 SCALE: 1"=50'
 DATE MAY 2007
 DRAWN BY
 CHECKED BY

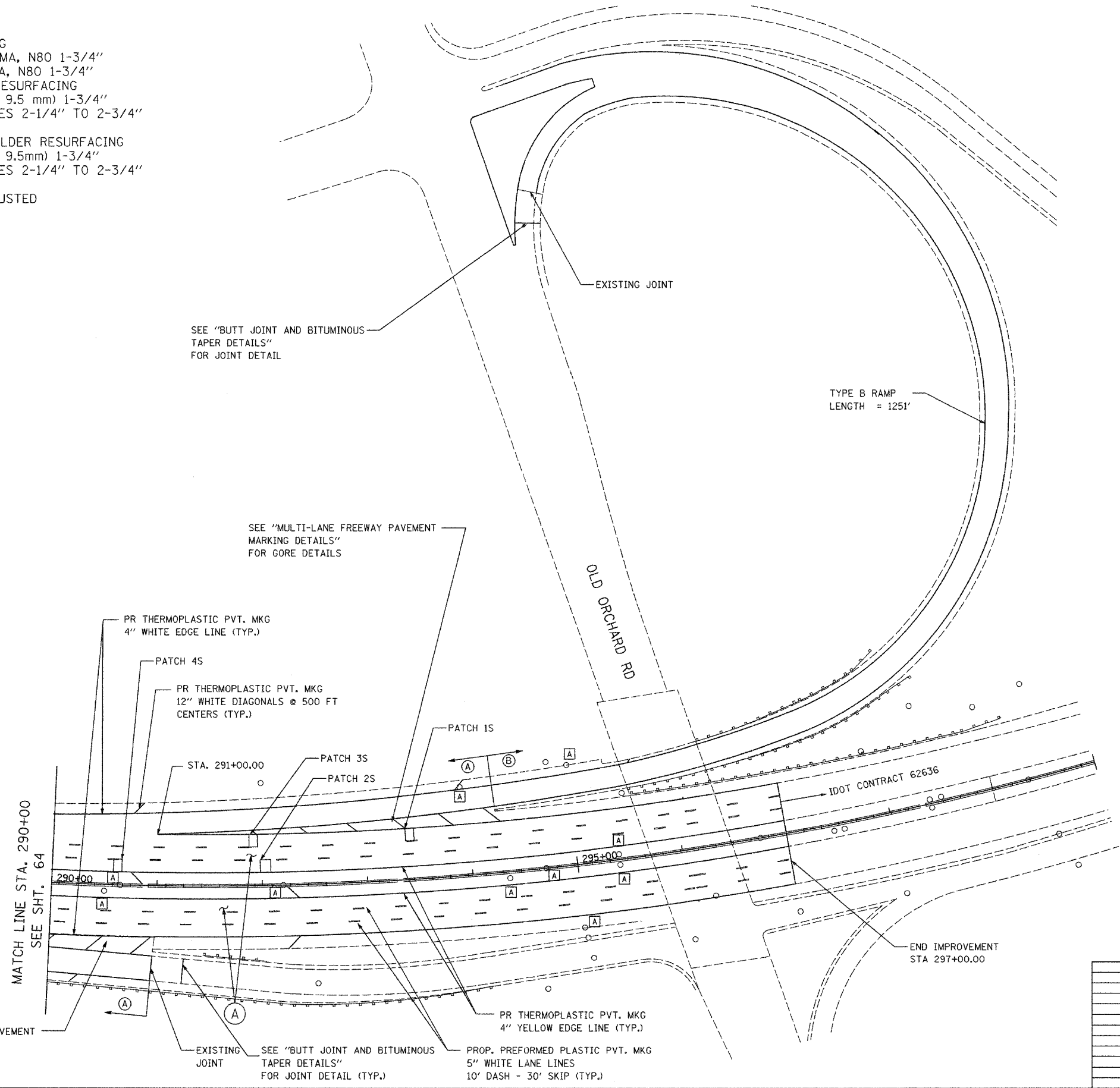
PLOT DATE = 5/22/2007
 PLOT SCALE = AS SHOWN
 USER NAME = 0870JUT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	65
STA. 290+00		TO STA. 300+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



LEGEND

- (A) PROPOSED MAINLINE RESURFACING
 - POLYMERIZED HMA SURFACE, SMA, N80 1-3/4"
 - POLYMERIZED HMA BINDER, SMA, N80 1-3/4"
- PROPOSED MAINLINE SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5 mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (B) PROPOSED RAMP AND RAMP SHOULDER RESURFACING
 - HMA SURFACE, MIX D, N70 (IL 9.5mm) 1-3/4"
 - HMA BINDER, IL-19, N70, VARIES 2-1/4" TO 2-3/4"
- (A) FRAMES AND GRATES TO BE ADJUSTED



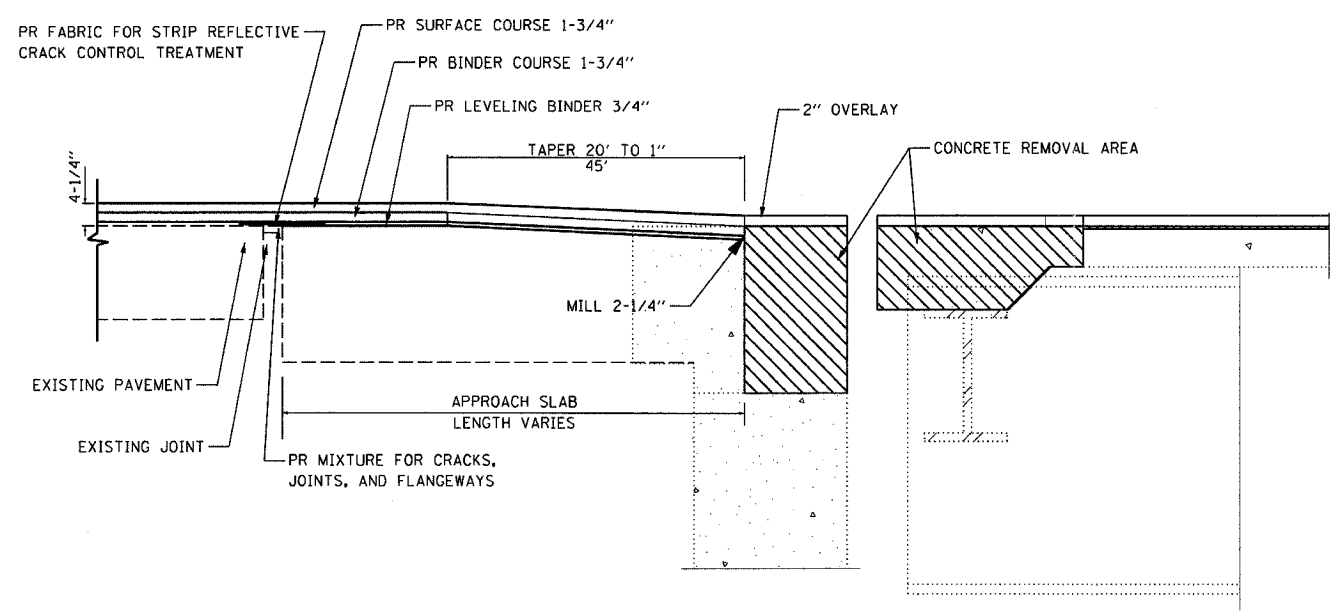
NOTE:
SEE "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" FOR PLACEMENT & TYPE OF RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

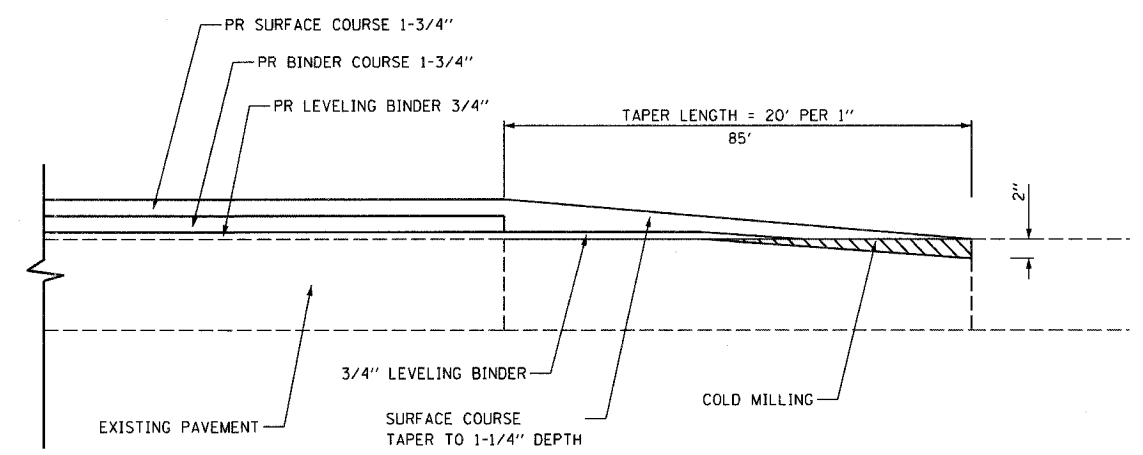
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED ROADWAY PLANS
 F.A.I. 94 (I-94)
 STA 290+00 TO STA 300+00
 SCALE: 1"=50'
 DATE: JAN 2007
 DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE = 5/21/2007
 PLOT SCALE = 1"=50'
 USER NAME = 087401P

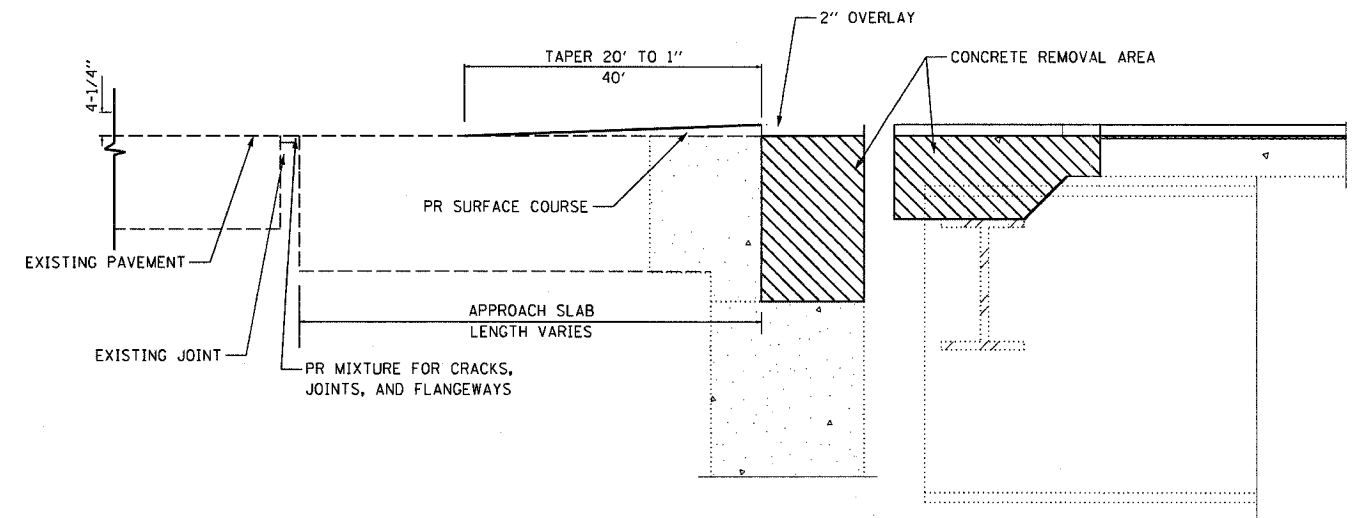
CONTRACT NO. 62747				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	66
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**RESURFACING TRANSITION DETAIL
ROADWAY TO BRIDGE JOINT
(NTS)**



**BUTT JOINT DETAIL
HMA TO PCC
MAINLINE TRANSITION**



**TEMPORARY WEDGE DETAIL
BRIDGE JOINT TO ROADWAY
(NTS)**

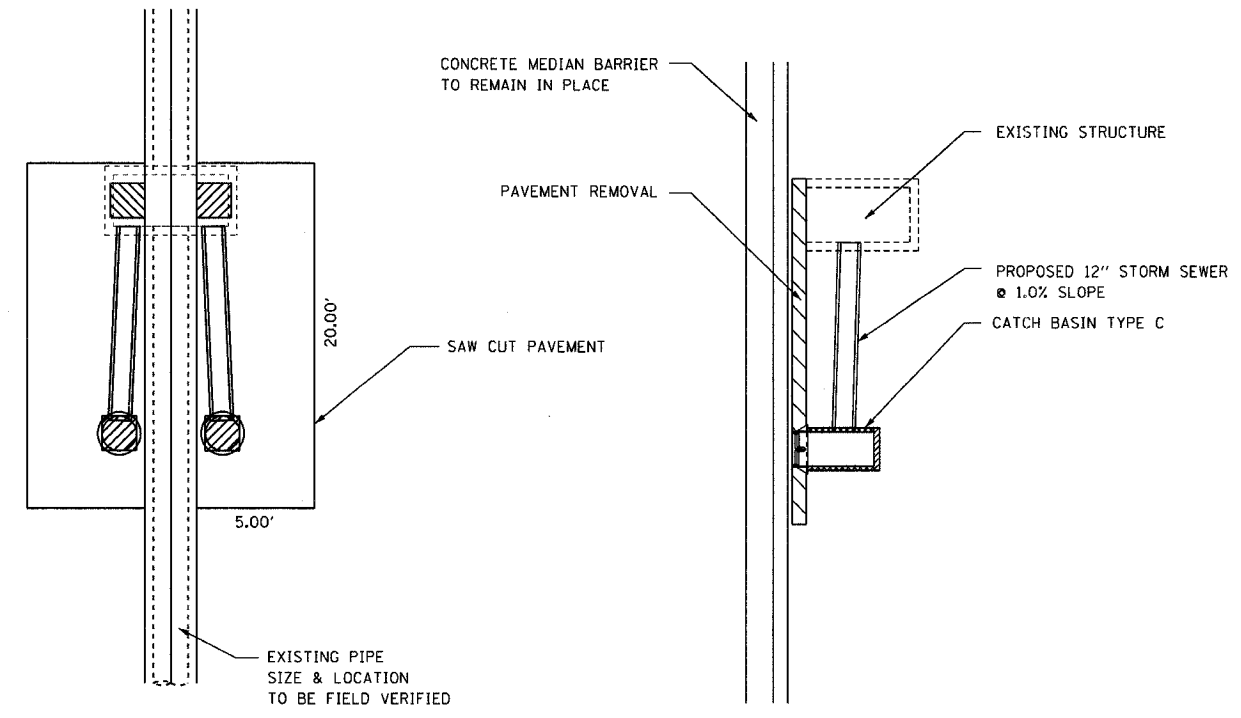
PLOT DATE = 6/18/2007
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 USER NAME = DBTOUT

REVISIONS	
NAME	DATE

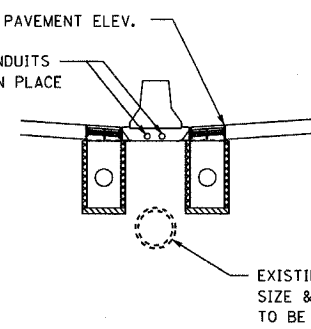
ILLINOIS DEPARTMENT OF TRANSPORTATION
 RESURFACING TRANSITION
 DETAILS ROADWAY TO BRIDGE
 JOINT & HMA TO PCC BUTT JOINT
 SCALE: _____ DRAWN BY _____
 DATE: JUNE 2007 CHECKED BY _____

Edens I 94 Resurfacing Project

CONTRACT NO. 62747				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	67
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



PLAN

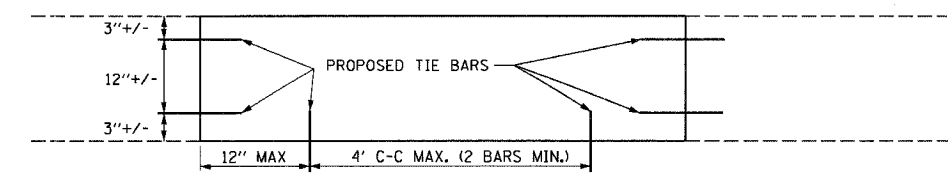


SECTION

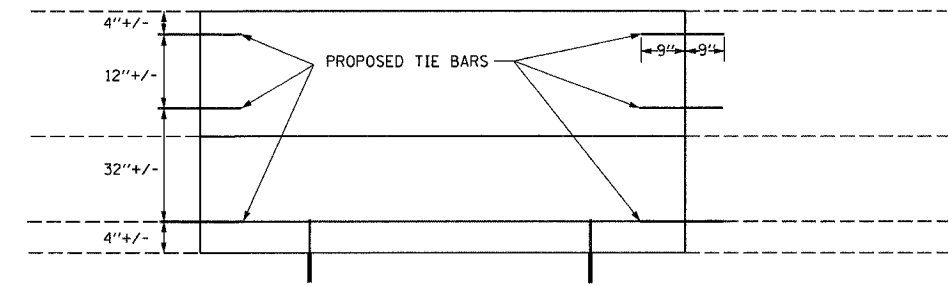
22.22 SQ YD OF PAVEMENT REMOVAL
 2 X 10 LIN FT OF 12" STORM SEWER
 2 EACH CATCH BASIN TYPE C 2' DIA.
 2 EACH TYPE 24 F & G
 THE CONCRETE MEDIAN BARRIER AND BASE ARE TO REMAIN IN PLACE.
 (THE EXISTING ELECTRICAL DUCTS ARE TO REMAIN IN PLACE)
 SUB-BASE GRANULAR MATERIAL
 10 INCH BITUMINOUS SHOULDER

NOTE:
 THE CONTRACTOR SHALL EXERCISE EXTREME CARE WITH THE EXISTING CONDUITS IN THE BARRIER WALL AND WALL FOUNDATIONS. THE CONTRACTOR WILL BE REQUIRED TO REPAIR ANY DAMAGE DONE TO THE CONDUIT TO THE SATISFACTION OF THE ENGINEER. NO SPLICING WILL BE ALLOWED TO ANY CABLE DAMAGED RESULTING FROM THIS WORK. INSTEAD THE CONTRACTOR WILL BE REQUIRED TO REPLACE THE ENTIRE SPAN OF ANY DAMAGED CABLE.

CATCH BASIN DETAIL



HALF DEPTH REPAIR



FULL DEPTH REPAIR

NOTE: ALL BARRIER WALL REPAIR SHALL BE COMPLETED IN ACCORDANCE WITH STATE STANDARD 637001-02 AND SECTION 637 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS. ALL PROPOSED DOWEL BARS AND TIE BARS SHALL BE DRILLED AND GROUTED IN PLACE. REINFORCEMENT SHALL BE INCLUDED AS SHOWN IN STANDARD 637001-02 AND DESCRIBED IN SECTION 637 OF THE STANDARD SPECIFICATIONS EXCEPT WHEN A REINFORCEMENT CAGE IS ENCOUNTERED. IN SUCH A CASE THE CONTRACTOR SHALL REMOVE THE DAMAGED PORTIONS OF THE CAGE AND SHALL REPLACE IT WITH BARS OF THE SAME SIZE AND SPACING. THE SCOPE OF REPAIR AT EACH LOCATION SHALL BE AS SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

CONCRETE BARRIER REPAIR DETAIL

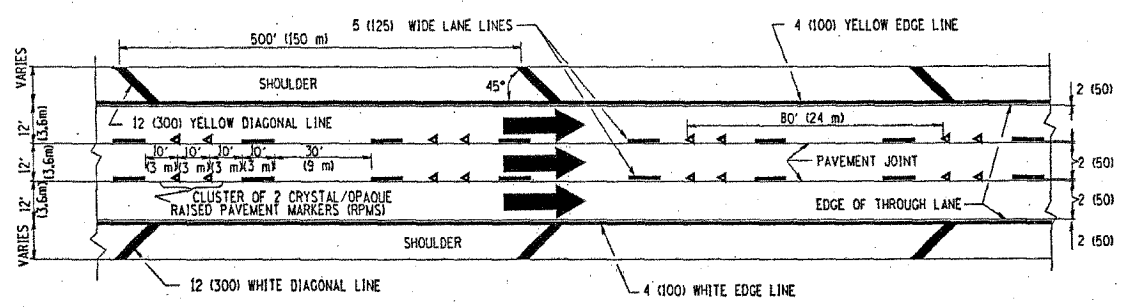
PLOT DATE: 6/18/2007
 FILE NAME: #FILEL#
 PLOT SCALE: #SCALE#
 USER NAME: #GAYOUT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CATCH BASIN DETAIL
 AND
 CONCRETE BARRIER REPAIR
 SCALE: N.T.S. DRAWN BY DP
 DATE: JUNE 2007 CHECKED BY

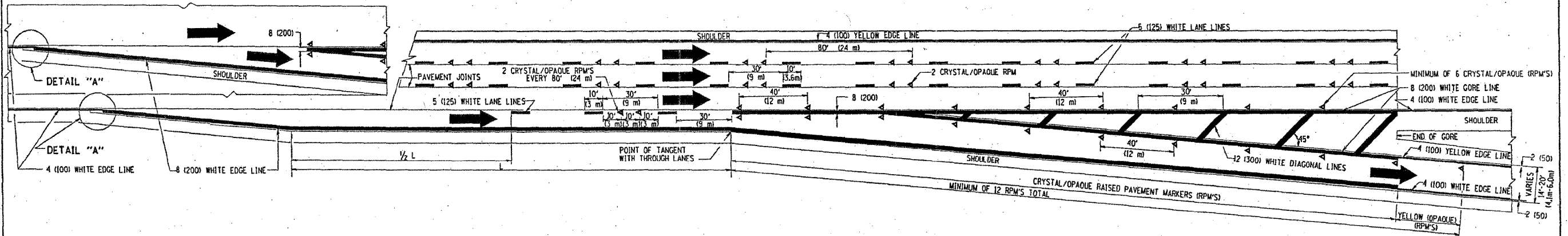
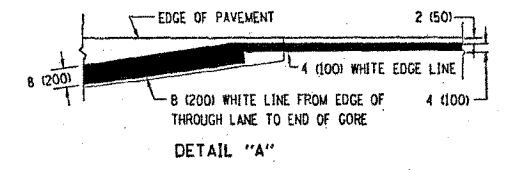
CONTRACT NO. 62747				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	68
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH
THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH

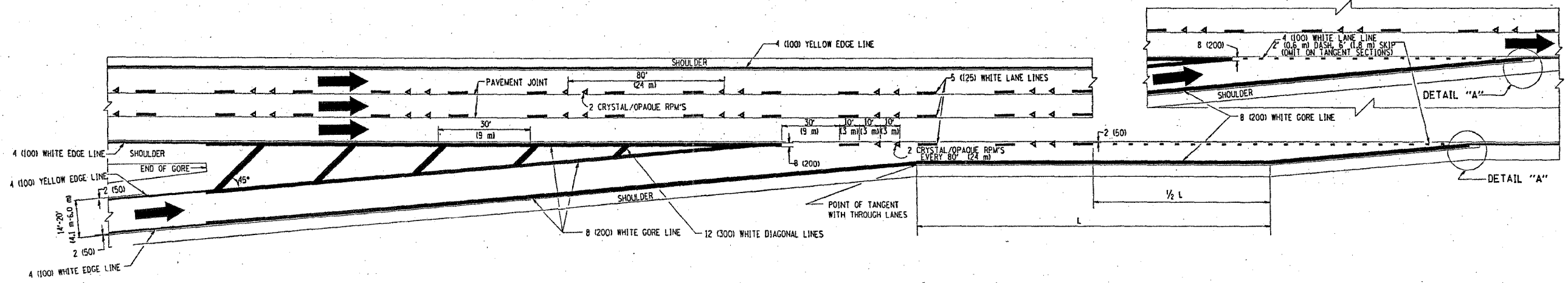


TYPICAL EDGE LINES & LANE LINES

- NOTES:
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
 2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
 3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC



TYPICAL EXIT RAMP PAVEMENT MARKINGS



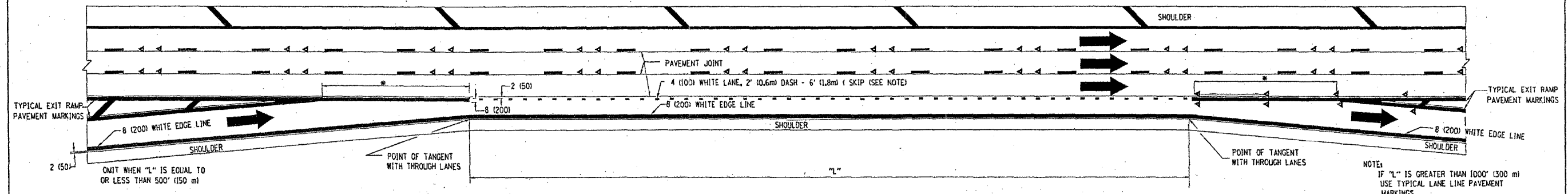
TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/20
DWS	5/21
AH	3/26
DWS	7/96
JAF	2/06
SPB	1/07

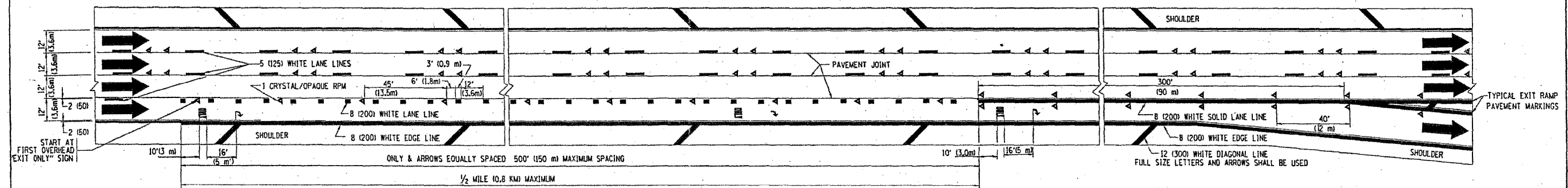
ILLINOIS DEPARTMENT OF TRANSPORTATION
MULTI-LANE FREEWAY
PAVEMENT MARKING
DETAILS

SCALE: NONE
DATE: 1/4/2007
DRAWN BY C.A.D.D.
CHECKED BY
TC12 SHEET 1 OF 2
REVISION DATE: 01/01/07

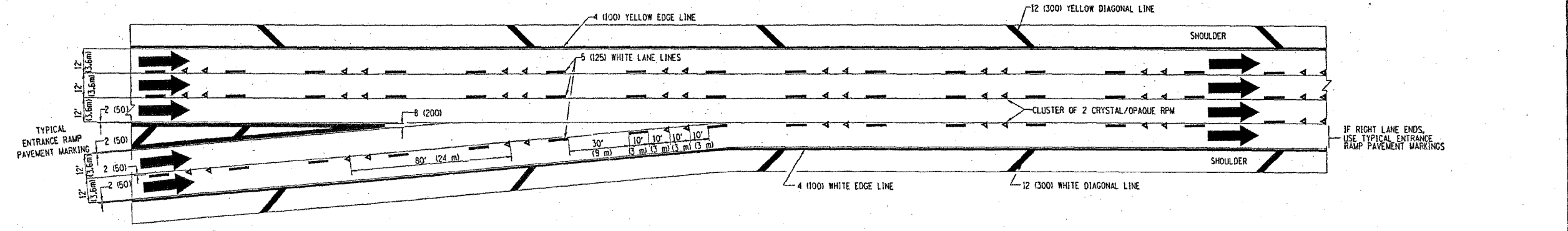
PLT DATE: 1/4/2007
FILE NAME: C:\pvs\pvs\msh\msh1202.dwg
USER: MSH
USER HOST: HARRIS



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



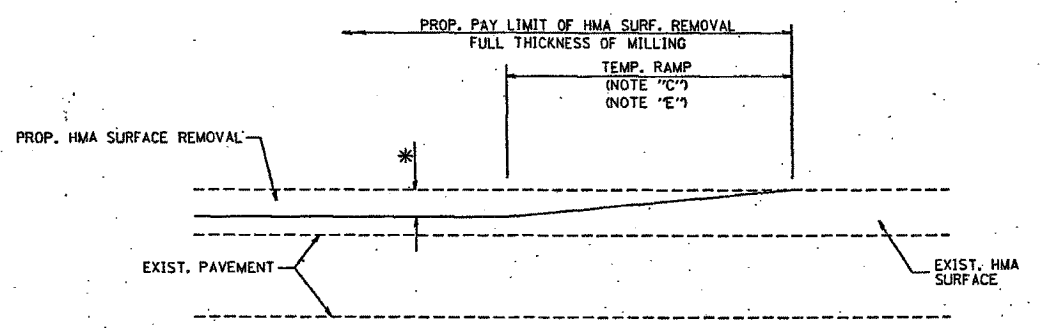
TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

PLOT DATE: 1/16/2007
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: jaygo

REVISIONS	
NAME	DATE
DWS	1/30
DWS	2/21
SPB	1/01

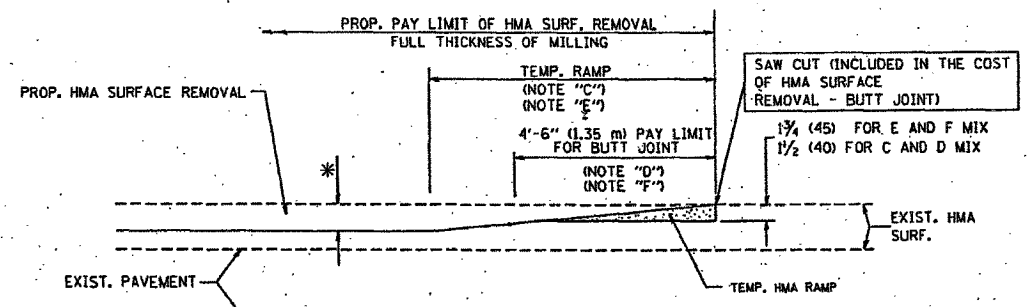
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MULTI-LANE FREEWAY
 PAVEMENT MARKING
 DETAILS
 SCALE: NONE
 DATE: 1/16/2007
 DRAWN BY: C.A.D.D.
 CHECKED BY:
 TC12 SHEET 2 OF 2
 REVISION DATE: 01/01/07

CONTRACT NO. 62747			
F.A. RYE.	SECTION	COUNTY	TOTAL SHEET NO.
94	2006-048 RS	COOK	135 70
STA.		TO STA.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

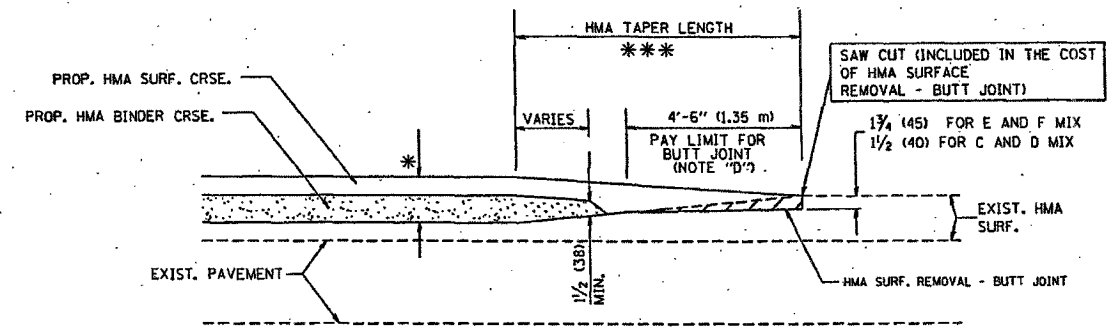
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

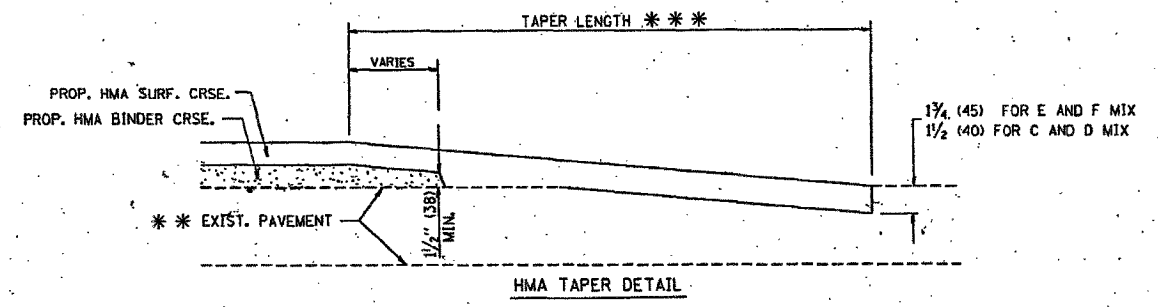
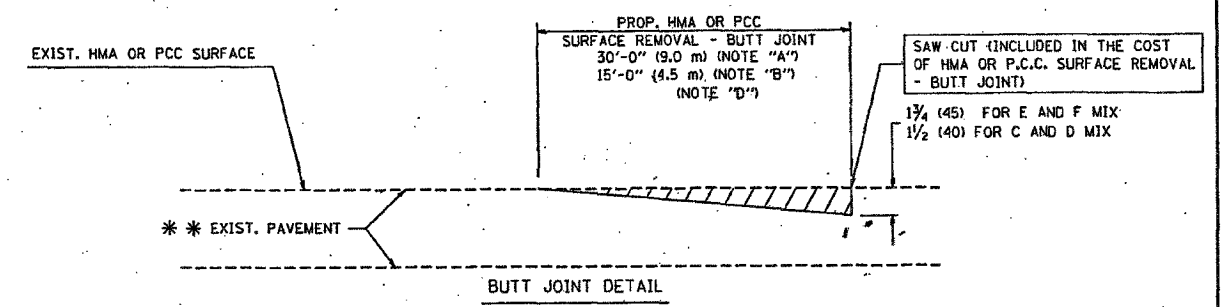
OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER
DETAILS

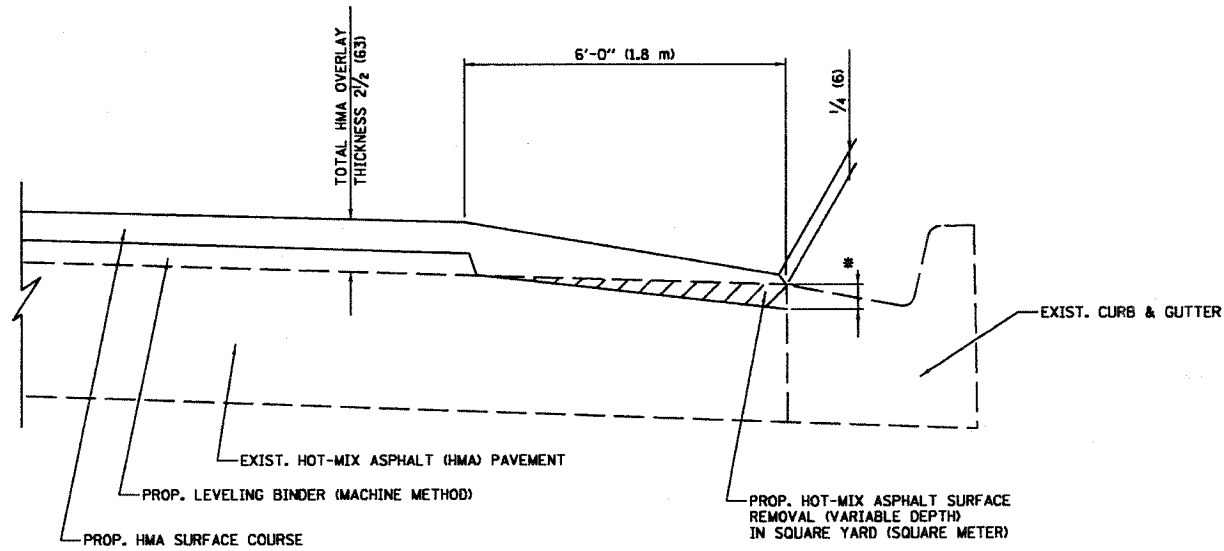
SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 10/31/2006

DRAWN BY
CHECKED BY

BD400-05 (V1=BD32)
REVISION DATE: 01/01/07

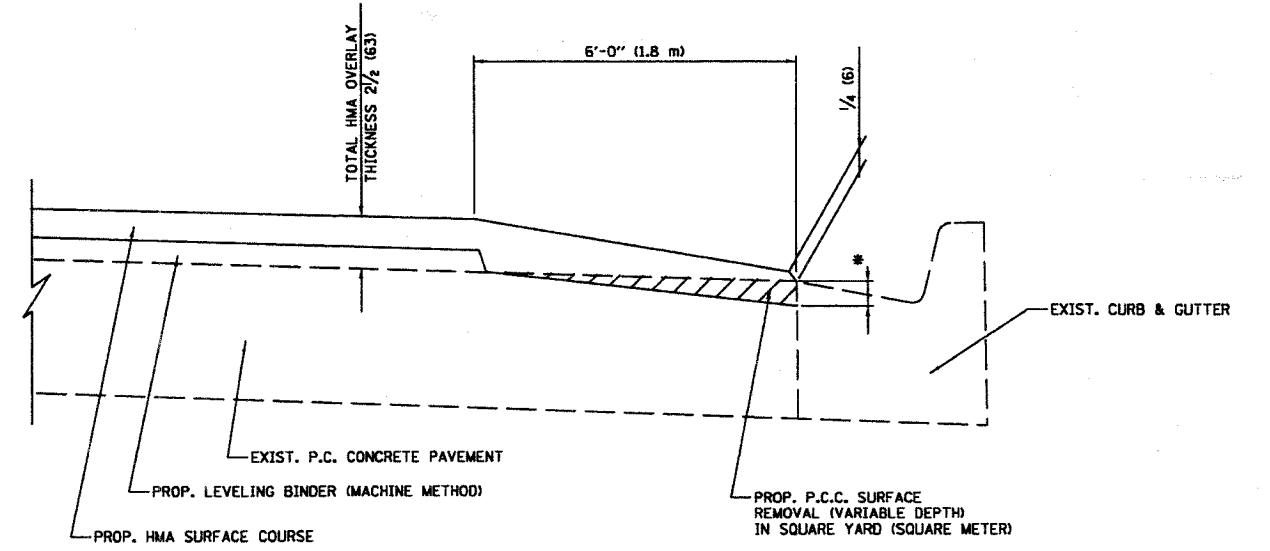
PLOT DATE: 10/31/2006
FILE NAME: I:\PROJECTS\62747\BD400-05.dwg
PLOT SCALE: 1/8"=1'-0"
USER NAME: j.lapin

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2006-043 RS	COOK	135	71
STA.		TO STA.		
FEL. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



**HMA TAPER AT
EDGE OF HMA PAVEMENT**

HMA SURFACE		LEVELING BINDER		* MILLING AT GUTTER FLAG
MIX	THICKNESS	THICKNESS		
C OR D	1 1/2 (38)	1 (25)	1/4 (33)	1/4 (33)
F	1 3/4 (44)	3/4 (19)	1/2 (38)	



**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE		LEVELING BINDER		* MILLING AT GUTTER FLAG
MIX	THICKNESS	THICKNESS		
C OR D	1 1/2 (38)	1 (25)	1/4 (33)	1/4 (33)
F	1 3/4 (44)	3/4 (19)	1/2 (38)	

NOTE:

The proposed HMA Surface Removal (Variable Depth) and PCC Surface Removal (Variable Depth) shall be performed in accordance with Section 440 of the Standard Specifications. This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) and PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/10/94
R. SHAH	10/25/94
A. ABBAS	05/05/99
E. GOMEZ	12/21/00
R. BORO	01/01/07

**HMA TAPER AT
EDGE OF PAVEMENT**

SCALE: NONE
PLOT DATE: 10/31/2006
DRAWN BY: JS
CHECKED BY: A. ABBAS
BD400-06 (BD33)
REVISION DATE: 01/01/07

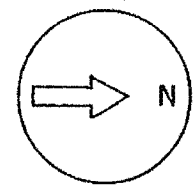
6-26-07

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	
		P.D. AND PROJECT	

62747

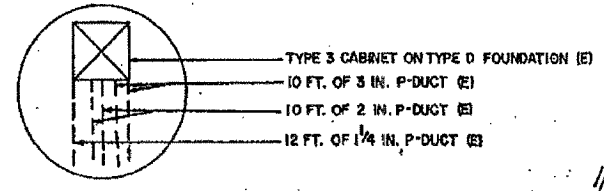
ESTIMATE OF QUANTITIES

62	LN.FE.	INDUCTION LOOP
104	LN.FE.	POLY DUCT 1/4"
86	LN.FE.	POLY DUCT 2"
106	LN.FE.	ELCBL. C6 RC
730	LN.FE.	ELCBL. C14 RC
437	LN.FE.	ELCBL. C6 RC
647	LN.FE.	TRENCH & BACKFILL

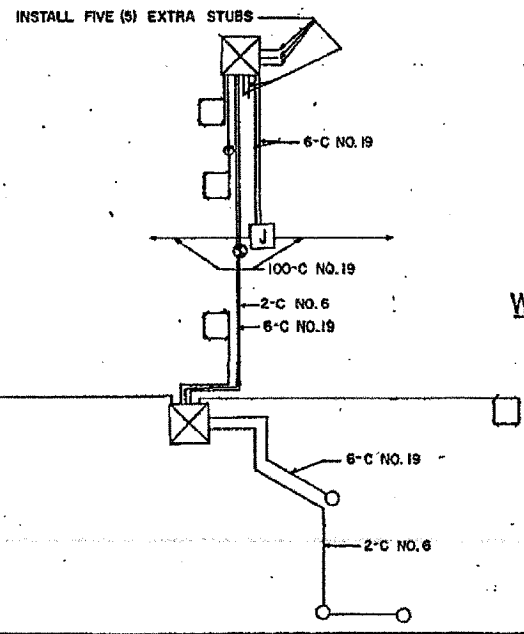
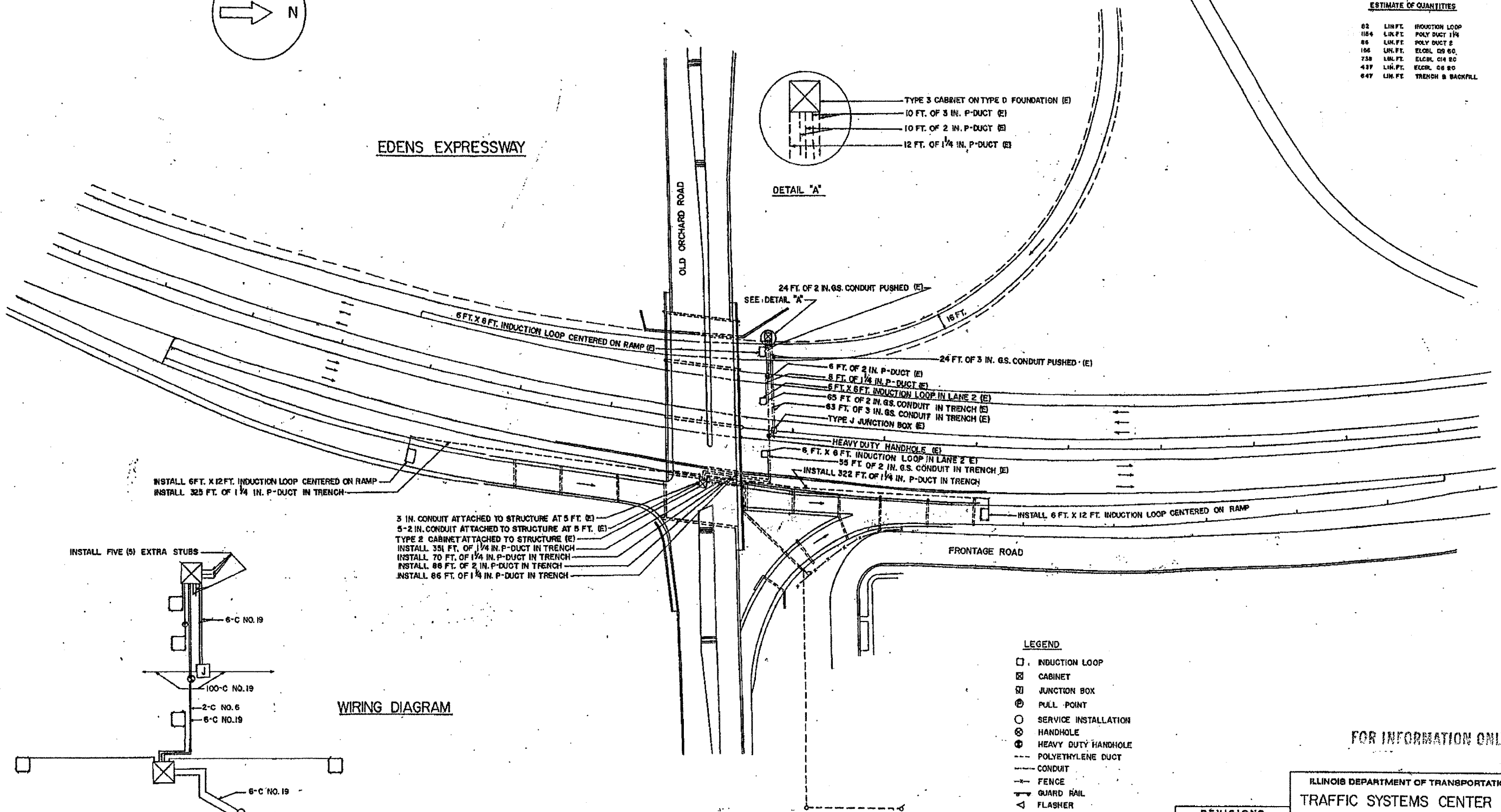


EDENS EXPRESSWAY

OLD ORCHARD ROAD



DETAIL "A"



WIRING DIAGRAM

NOTE:
ALL LOOP LEAD-IN WIRE IS 2-C NO. 14.

- LEGEND
- INDUCTION LOOP
 - ▣ CABINET
 - ▢ JUNCTION BOX
 - ⊙ PULL POINT
 - SERVICE INSTALLATION
 - ⊗ HANDHOLE
 - ⊕ HEAVY DUTY HANDHOLE
 - POLYETHYLENE DUCT
 - CONDUIT
 - FENCE
 - GUARD RAIL
 - △ FLASHER
 - METERING SIGNAL LIGHT
 - EXISTING LIGHT STANDARD
 - (E) EXISTING FACILITIES

FOR INFORMATION ONLY

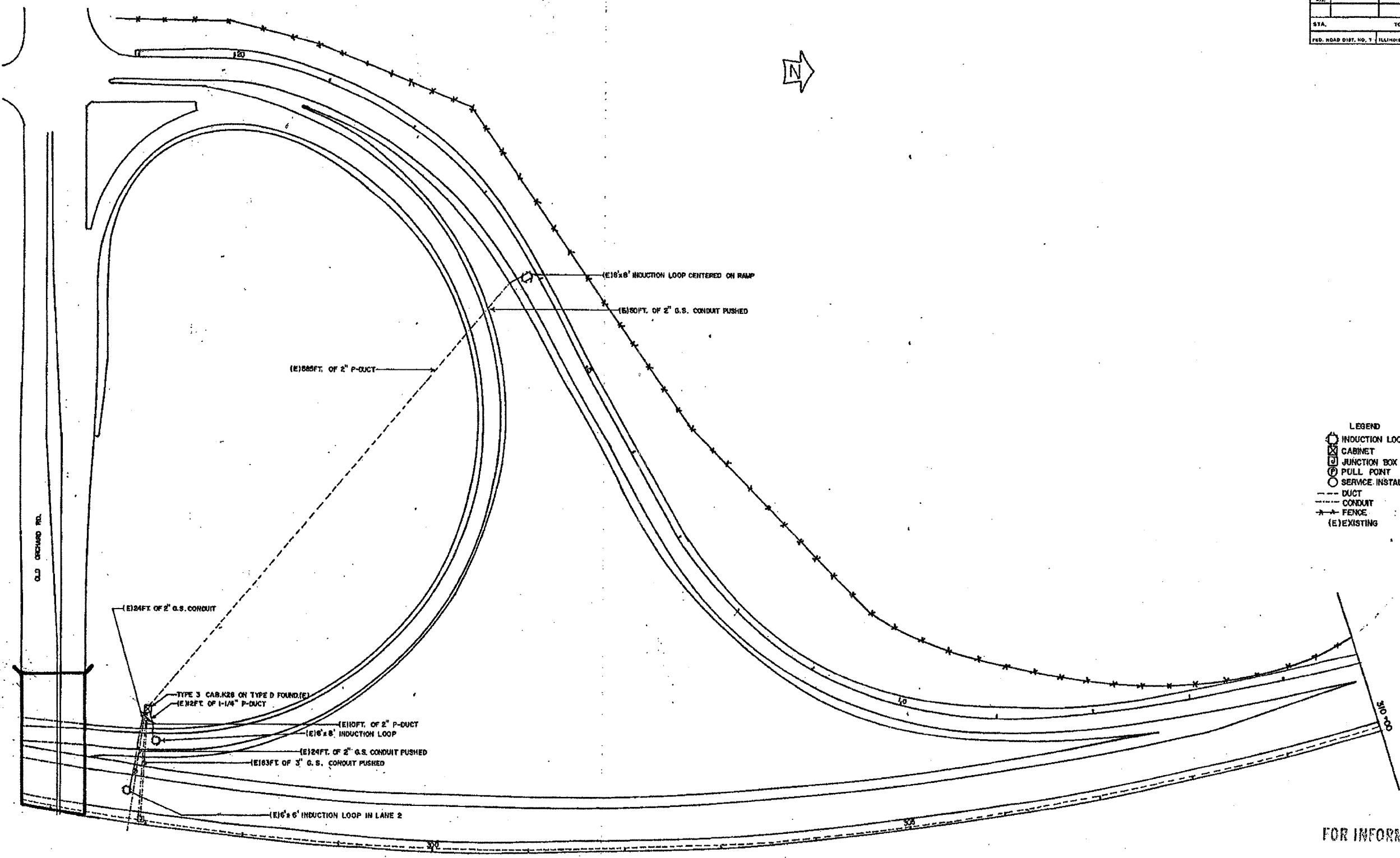
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 OLD ORCHARD ROAD

REVISIONS	
NAME	DATE

SCALE: VERT. _____
 HORIZ. _____
 DATE 8-21-80
 DRAWN BY C. PLATH
 CHECKED BY E. W. JENK

F. & D.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	72
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

62747



- LEGEND
- INDUCTION LOOP
 - ⊗ CABINET
 - ⊕ JUNCTION BOX TYPE J
 - ⊙ PULL POINT
 - SERVICE INSTALLATION
 - DUCT
 - - - CONDUIT
 - FENCE
 - (E) EXISTING

FOR INFORMATION ONLY

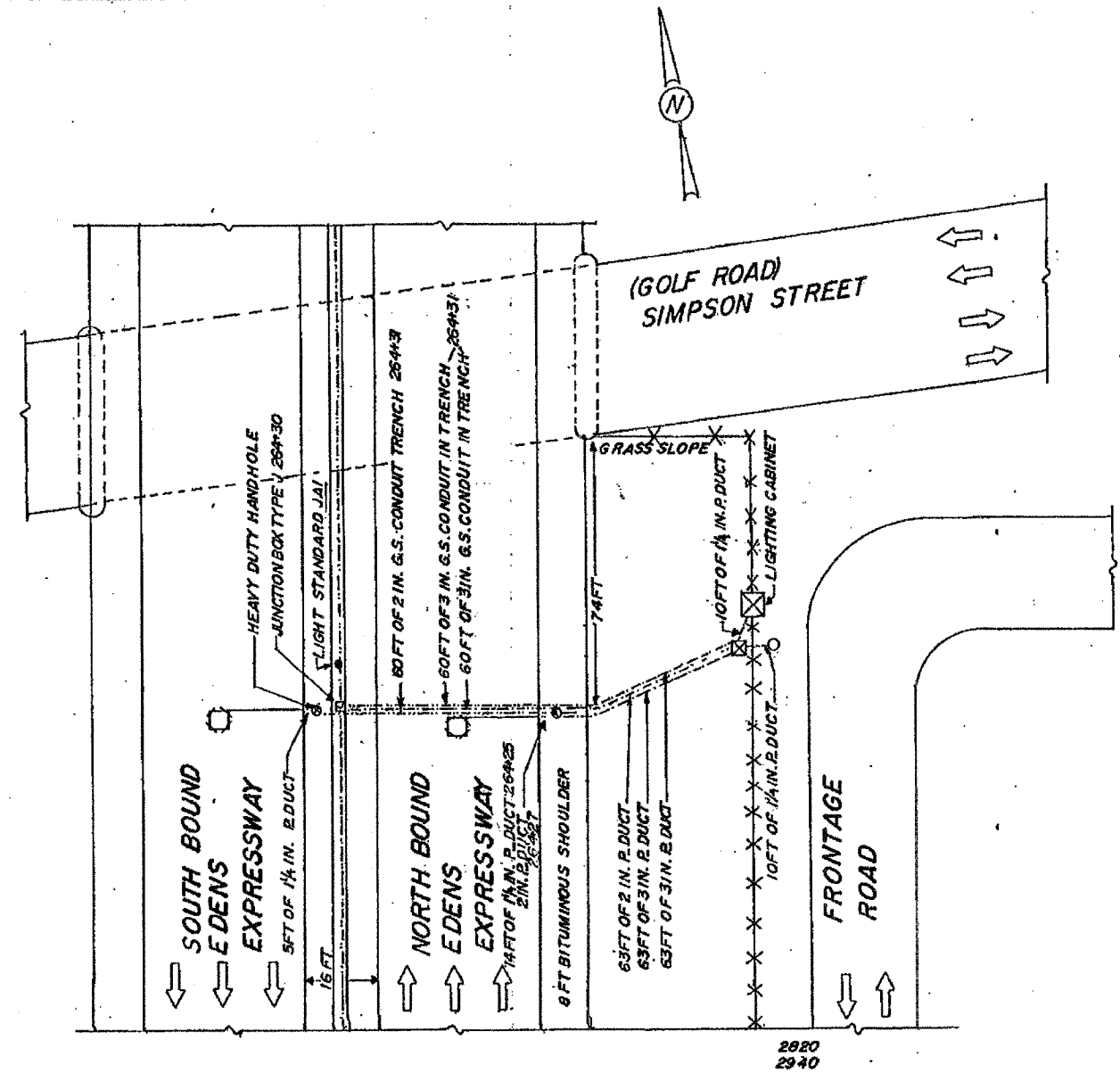
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
EDENS EXPWY
OLD ORCHARD

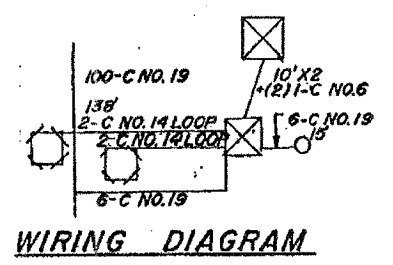
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

62747



PLAN



WIRING DIAGRAM

- LEGEND**
- INDUCTION LOOP
 - ⊠ CABINET
 - ⊞ JUNCTION BOX TYPE J
 - ⊙ PULL POINT
 - SERVICE INSTALLATION
 - ⊙ HANDHOLE
 - ⊙ HEAVY DUTY HANDHOLE
 - POLYETHYLENE DUCT
 - CONDUIT
 - x- FENCE
 - GAIRD RAIL
 - ⚡ FLASHER
 - ⊙ METERING SIGNAL LIGHT
 - EXISTING LIGHT STANDARD
 - PVC DUCT

FOR INFORMATION ONLY.

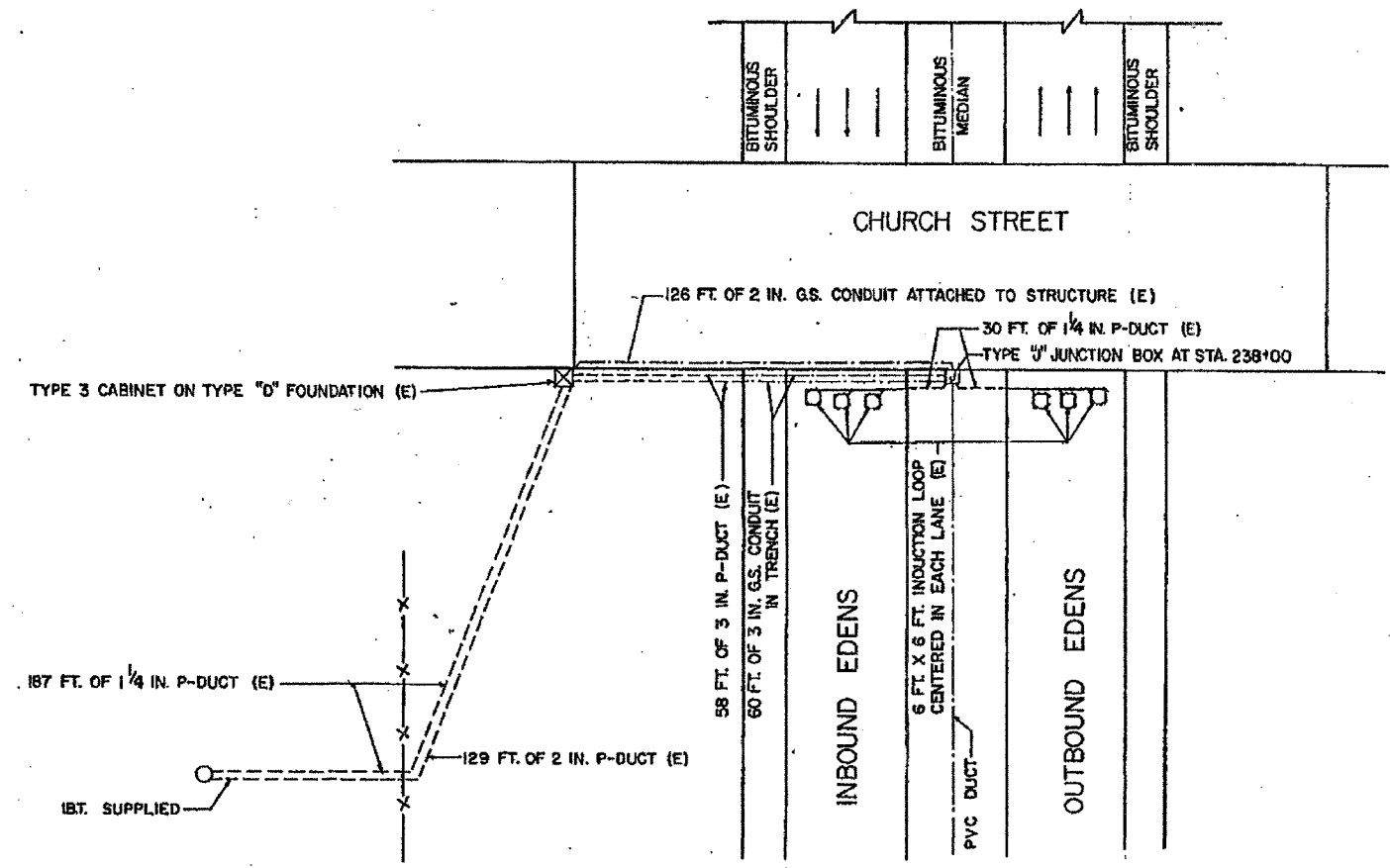
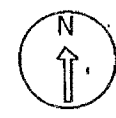
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**GOLF ROAD
 (SIMPSON STREET)
 INSTALLATION**

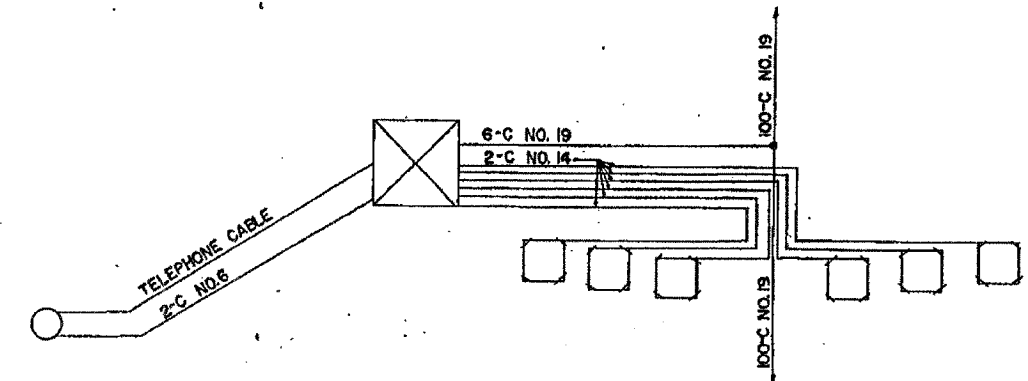
SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY KM
 CHECKED BY _____

F. S. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	75
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

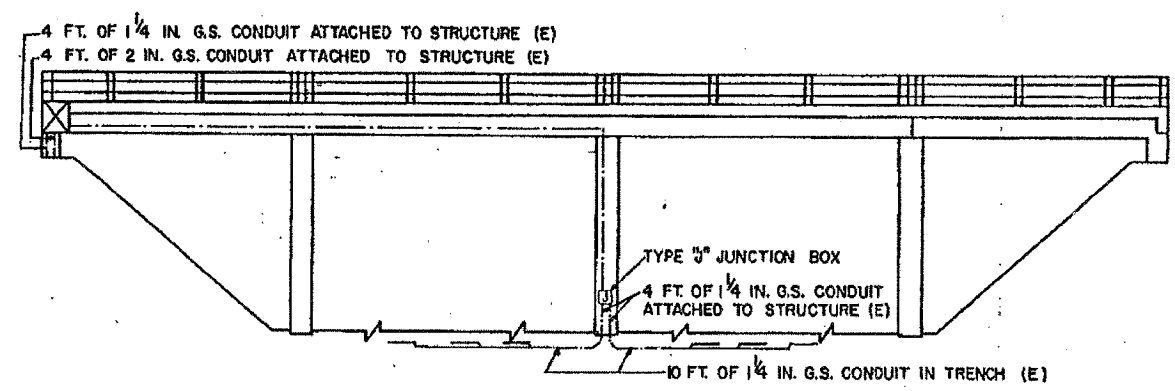
62747



PLAN



WIRING DIAGRAM



SOUTH ELEVATION

LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊙ HEAVYDUTY HANDHOLE
- ⊙ HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- - - FENCE
- - - GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

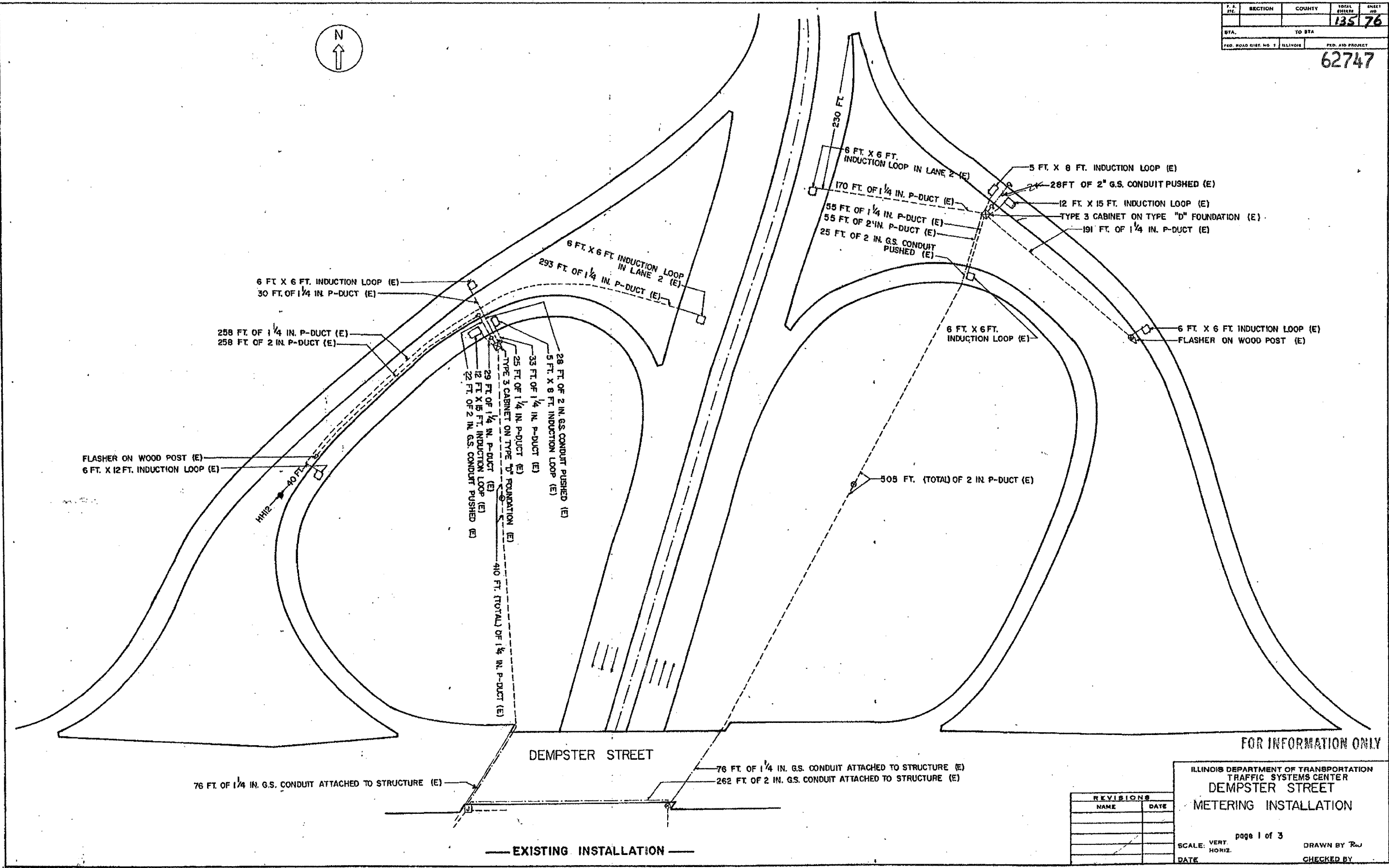
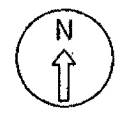
ILLINOIS DEPARTMENT OF TRANSPORTATION

**CHURCH STREET
INSTALLATION**

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

62747



FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 DEMPSTER STREET
 METERING INSTALLATION

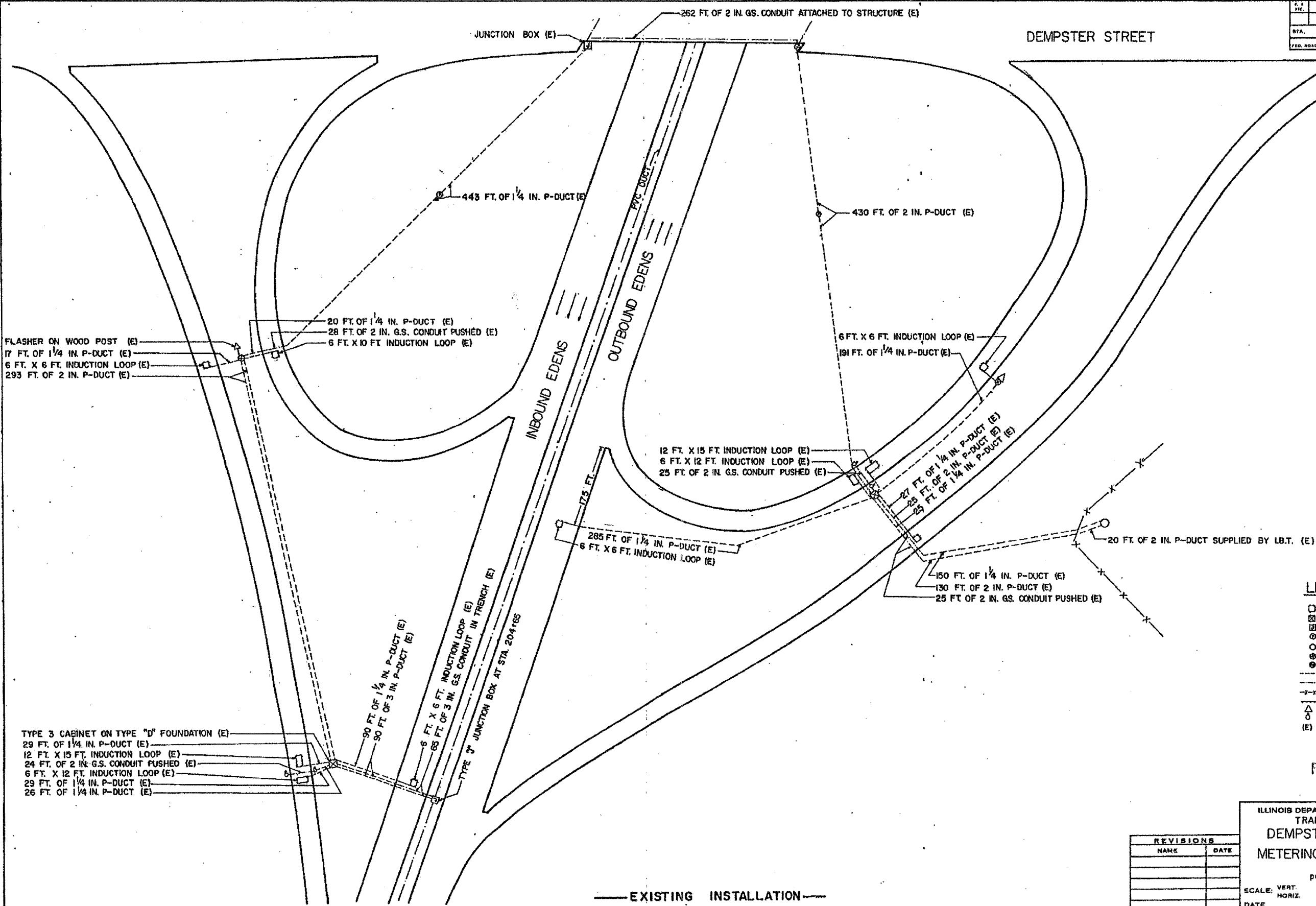
REVISIONS	
NAME	DATE

page 1 of 3
 SCALE: VERT. HORIZ.
 DATE DRAWN BY R.W.
 CHECKED BY

— EXISTING INSTALLATION —

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		135	77
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

62747



FLASHER ON WOOD POST (E)
 17 FT. OF 1/4 IN. P-DUCT (E)
 6 FT. X 6 FT. INDUCTION LOOP (E)
 293 FT. OF 2 IN. P-DUCT (E)

20 FT. OF 1/4 IN. P-DUCT (E)
 28 FT. OF 2 IN. GS. CONDUIT PUSHED (E)
 6 FT. X 10 FT. INDUCTION LOOP (E)

6 FT. X 6 FT. INDUCTION LOOP (E)
 191 FT. OF 1/4 IN. P-DUCT (E)

12 FT. X 15 FT. INDUCTION LOOP (E)
 6 FT. X 12 FT. INDUCTION LOOP (E)
 25 FT. OF 2 IN. GS. CONDUIT PUSHED (E)

27 FT. OF 1/4 IN. P-DUCT (E)
 25 FT. OF 2 IN. P-DUCT (E)
 29 FT. OF 1/4 IN. P-DUCT (E)

175 FT.
 285 FT. OF 1/4 IN. P-DUCT (E)
 6 FT. X 6 FT. INDUCTION LOOP (E)

150 FT. OF 1/4 IN. P-DUCT (E)
 130 FT. OF 2 IN. P-DUCT (E)
 25 FT. OF 2 IN. GS. CONDUIT PUSHED (E)

20 FT. OF 2 IN. P-DUCT SUPPLIED BY I.B.T. (E)

TYPE 3 CABINET ON TYPE "D" FOUNDATION (E)
 29 FT. OF 1/4 IN. P-DUCT (E)
 12 FT. X 15 FT. INDUCTION LOOP (E)
 24 FT. OF 2 IN. GS. CONDUIT PUSHED (E)
 6 FT. X 12 FT. INDUCTION LOOP (E)
 29 FT. OF 1/4 IN. P-DUCT (E)
 26 FT. OF 1/4 IN. P-DUCT (E)

90 FT. OF 1/4 IN. P-DUCT (E)
 90 FT. OF 3 IN. P-DUCT (E)

6 FT. X 6 FT. INDUCTION LOOP (E)
 65 FT. OF 3 IN. GS. CONDUIT IN TRENCH (E)
 TYPE "D" JUNCTION BOX AT STA. 204+65

- LEGEND**
- INDUCTION LOOP
 - ▣ CABINET
 - ⊞ JUNCTION BOX
 - PULL POINT
 - SERVICE INSTALLATION
 - ⊙ HANDHOLE
 - ⊙ HEAVY DUTY HANDHOLE
 - POLYETHYLENE DUCT
 - CONDUIT
 - x-x- FENCE
 - x-x- GUARDRAIL
 - △ FLASHER
 - METERING SIGNAL LIGHT
 - (E) EXISTING FACILITIES

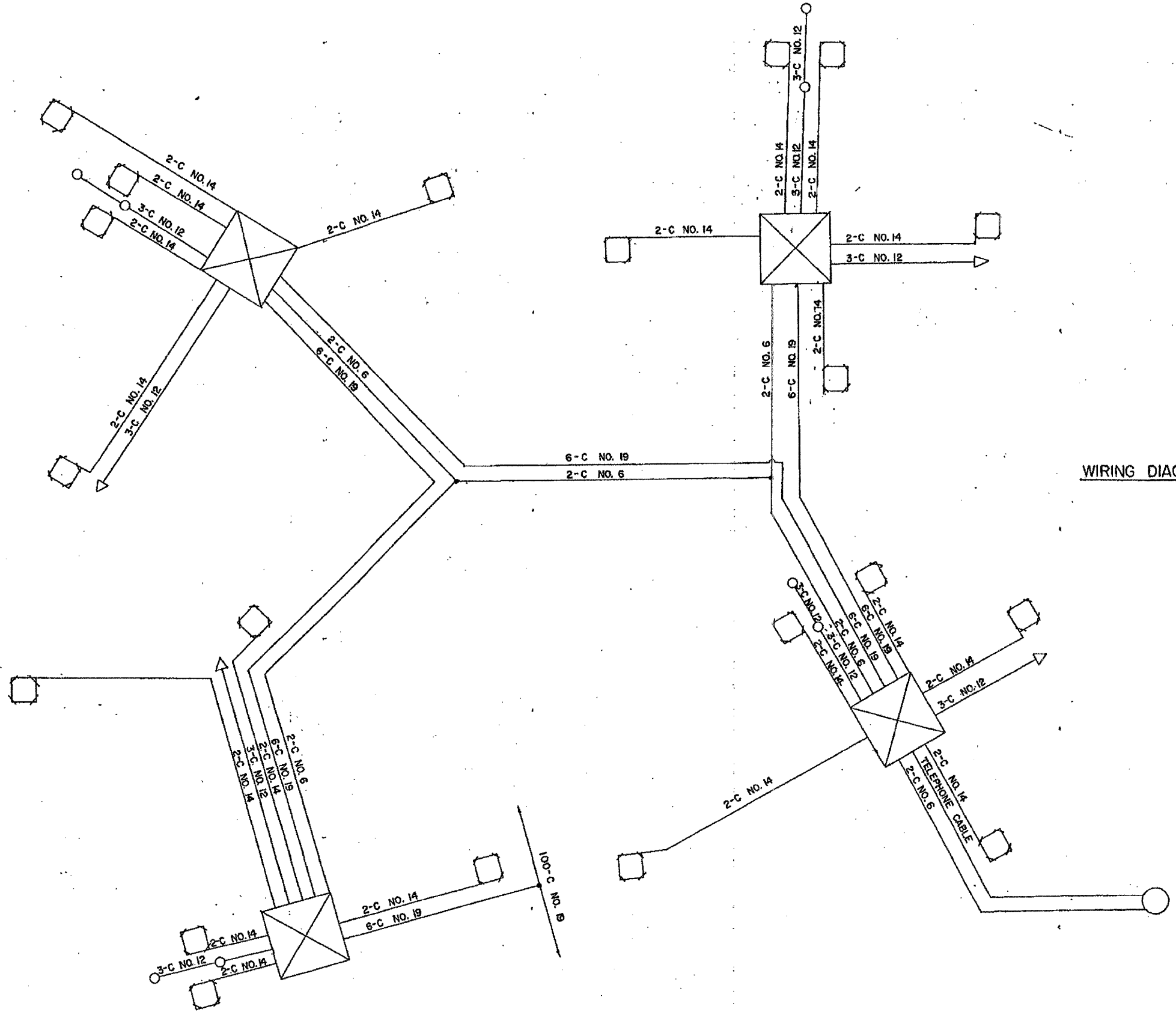
FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 DEMPSTER STREET
 METERING INSTALLATION
 page 2 of 3
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY: RW
 CHECKED BY: _____

— EXISTING INSTALLATION —

62747



WIRING DIAGRAM

FOR INFORMATION ONLY

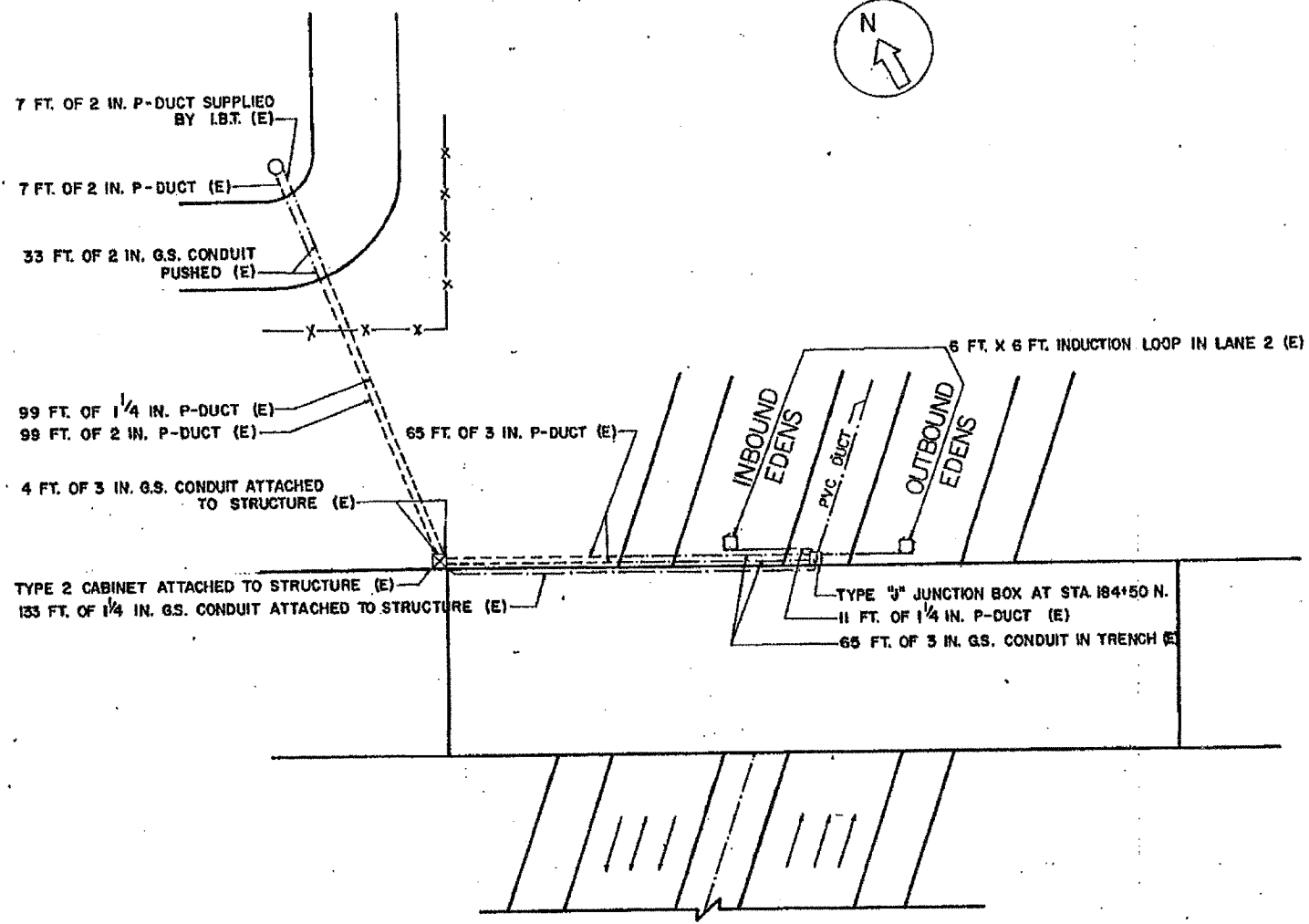
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 DEMPSTER STREET
 METERING INSTALLATION

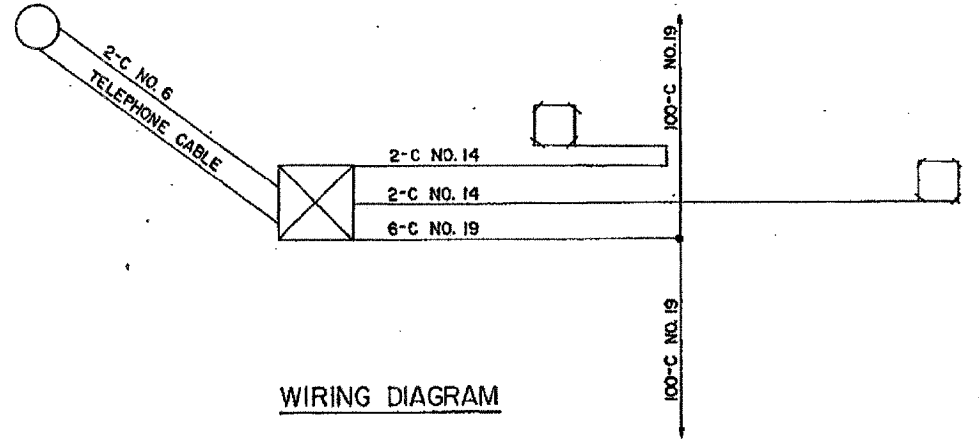
page 3 of 3

SCALE: VERT. DRAWN BY "Rw"
 HORIZ. CHECKED BY
 DATE

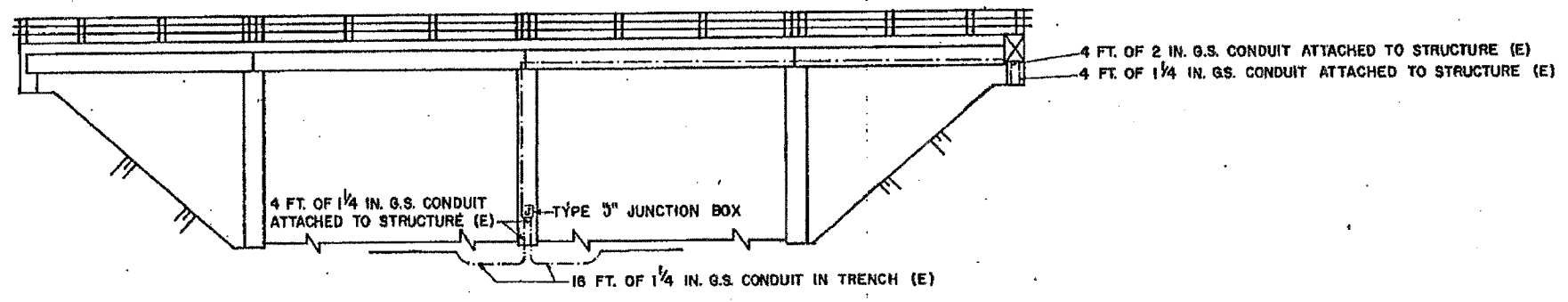
62747



PLAN



WIRING DIAGRAM



NORTH ELEVATION

LEGEND

- INDUCTION LOOP
- ▣ CABINET
- ⊠ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊙ HANDHOLE
- ⊙ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- FENCE
- GUARDRAIL
- △ FLASHER
- METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES

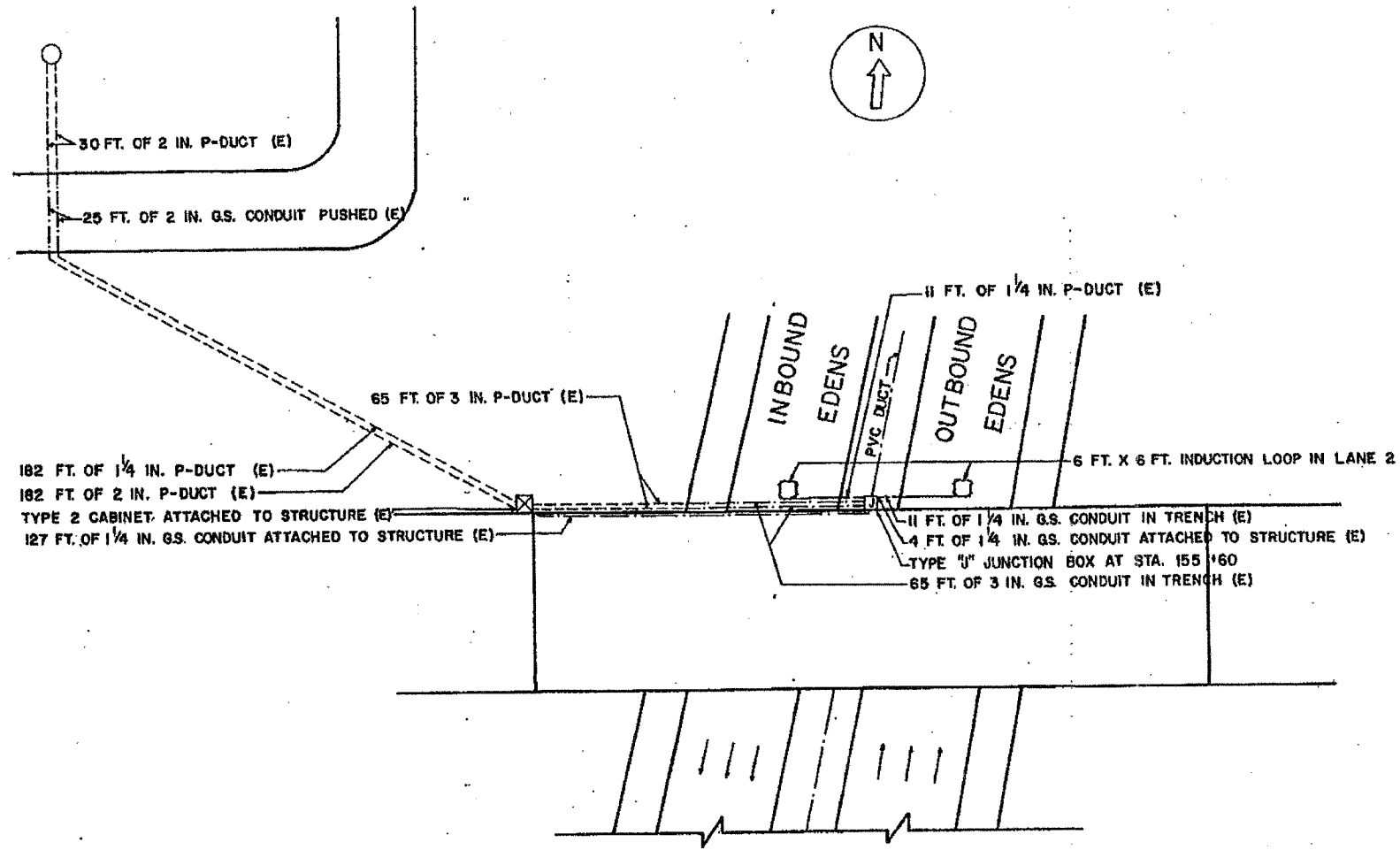
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
**LINCOLN AVENUE
 INSTALLATION**

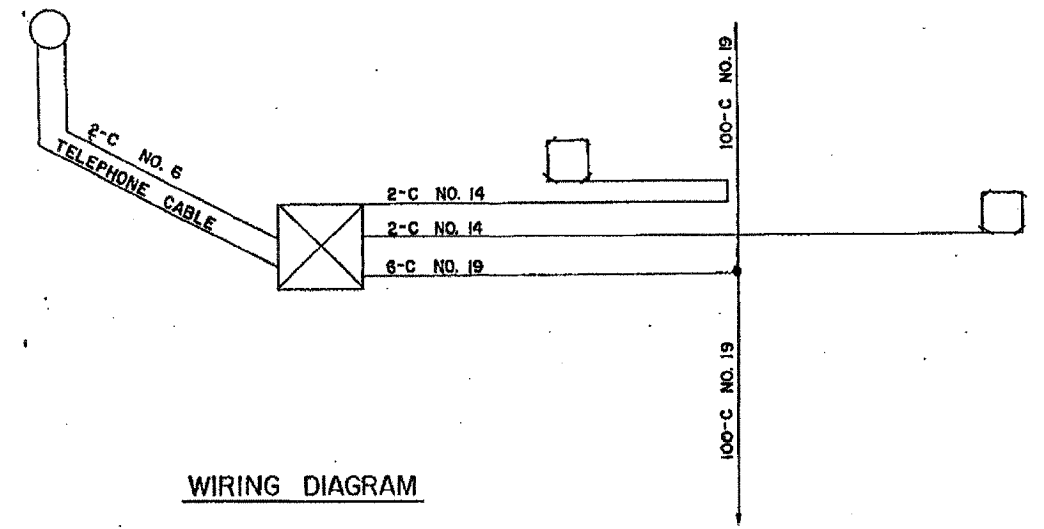
REVISIONS	
NAME	DATE

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

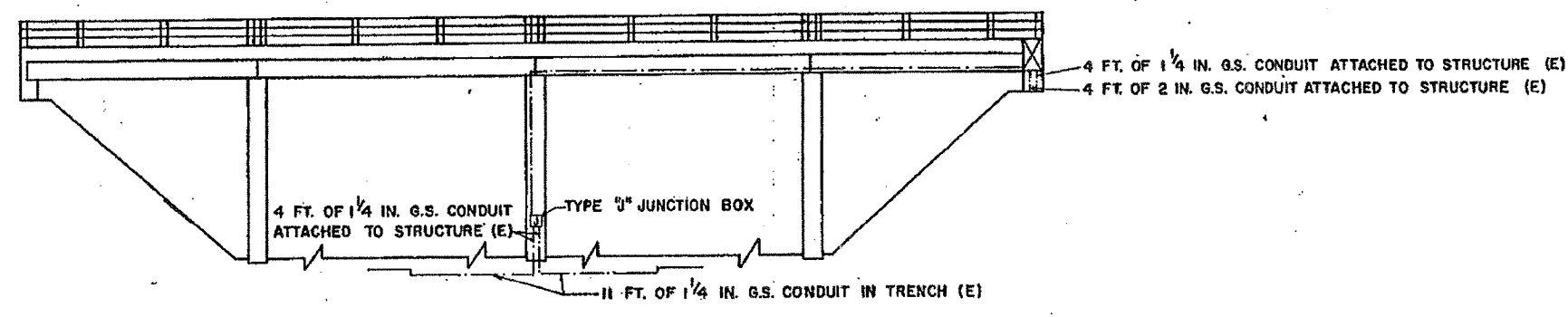
62747



PLAN



WIRING DIAGRAM



NORTH ELEVATION

LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊙ HANDHOLE
- ⊙ HEAVYDUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- x-x- FENCE
- |-|- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

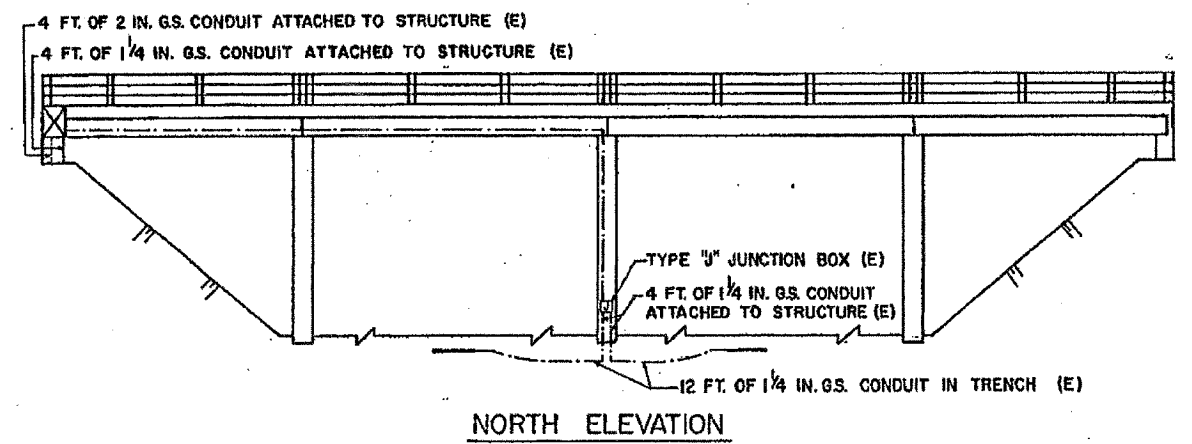
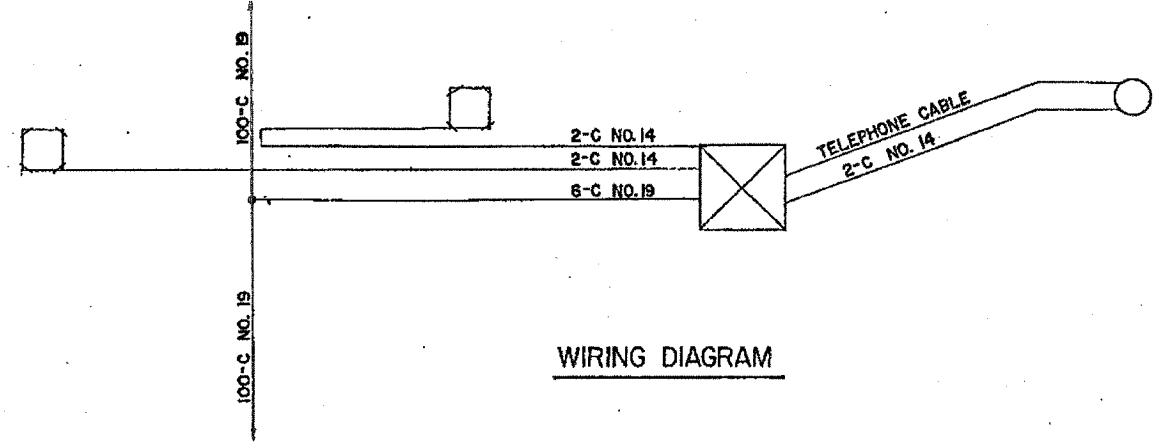
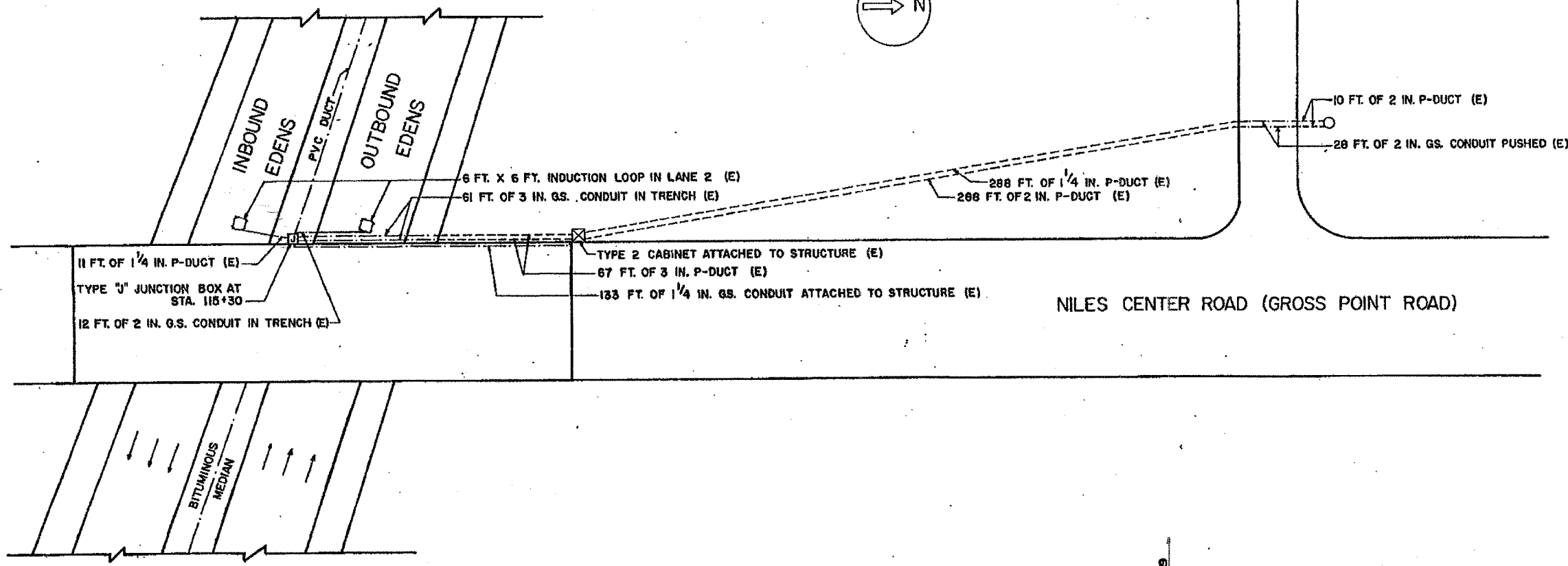
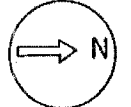
ILLINOIS DEPARTMENT OF TRANSPORTATION

**OAKTON STREET
INSTALLATION**

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		135	81
STA. TO STA.		FED. AID PROJECT	
		62747	



LEGEND

- INDUCTION LOOP
- ▣ CABINET
- ⊠ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊕ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- - - FENCE
- GUARDRAIL
- △ FLASHER
- METERING SIGNAL LIGHT
- EXISTING LIGHT STANDARD
- (E) EXISTING FACILITIES

FOR INFORMATION ONLY

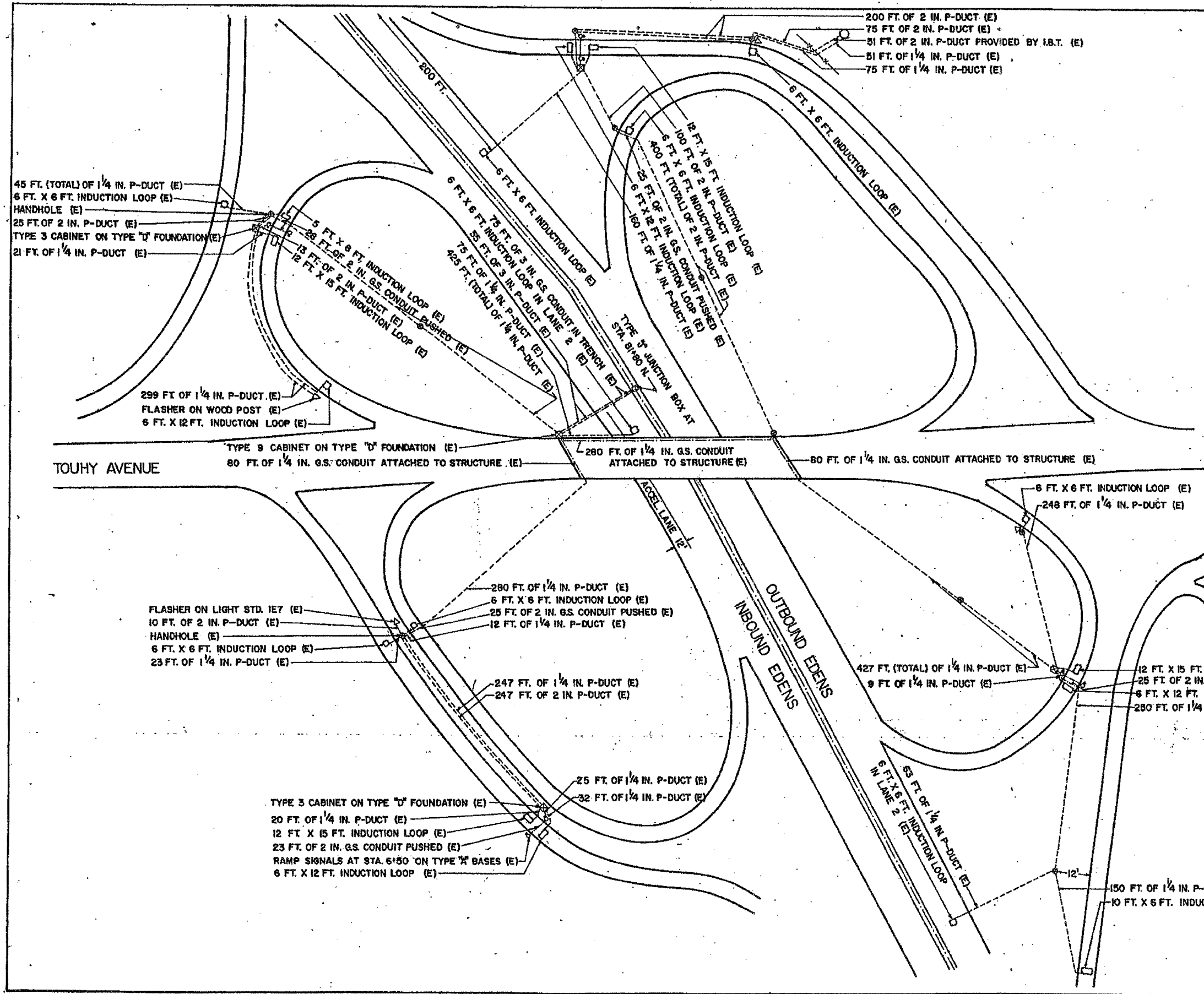
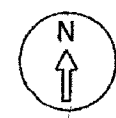
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

NILES CENTER ROAD INSTALLATION

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F. J. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	82
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



45 FT. (TOTAL) OF 1/4 IN. P-DUCT (E)
 6 FT. X 6 FT. INDUCTION LOOP (E)
 HANDHOLE (E)
 25 FT. OF 2 IN. P-DUCT (E)
 TYPE 3 CABINET ON TYPE "D" FOUNDATION (E)
 21 FT. OF 1/4 IN. P-DUCT (E)

299 FT. OF 1/4 IN. P-DUCT (E)
 FLASHER ON WOOD POST (E)
 6 FT. X 12 FT. INDUCTION LOOP (E)

TOUHY AVENUE

TYPE 9 CABINET ON TYPE "D" FOUNDATION (E)
 80 FT. OF 1/4 IN. G.S. CONDUIT ATTACHED TO STRUCTURE (E)
 280 FT. OF 1/4 IN. G.S. CONDUIT ATTACHED TO STRUCTURE (E)
 80 FT. OF 1/4 IN. G.S. CONDUIT ATTACHED TO STRUCTURE (E)

FLASHER ON LIGHT STD. 1E7 (E)
 10 FT. OF 2 IN. P-DUCT (E)
 HANDHOLE (E)
 6 FT. X 6 FT. INDUCTION LOOP (E)
 23 FT. OF 1/4 IN. P-DUCT (E)

280 FT. OF 1/4 IN. P-DUCT (E)
 6 FT. X 6 FT. INDUCTION LOOP (E)
 25 FT. OF 2 IN. G.S. CONDUIT PUSHED (E)
 12 FT. OF 1/4 IN. P-DUCT (E)

247 FT. OF 1/4 IN. P-DUCT (E)
 247 FT. OF 2 IN. P-DUCT (E)

TYPE 3 CABINET ON TYPE "D" FOUNDATION (E)
 20 FT. OF 1/4 IN. P-DUCT (E)
 12 FT. X 15 FT. INDUCTION LOOP (E)
 23 FT. OF 2 IN. G.S. CONDUIT PUSHED (E)
 RAMP SIGNALS AT STA. 6150 ON TYPE "M" BASES (E)
 6 FT. X 12 FT. INDUCTION LOOP (E)

25 FT. OF 1/4 IN. P-DUCT (E)
 32 FT. OF 1/4 IN. P-DUCT (E)

427 FT. (TOTAL) OF 1/4 IN. P-DUCT (E)
 9 FT. OF 1/4 IN. P-DUCT (E)

12 FT. X 15 FT. INDUCTION LOOP (E)
 25 FT. OF 2 IN. G.S. CONDUIT PUSHED (E)
 6 FT. X 12 FT. INDUCTION LOOP (E)
 280 FT. OF 1/4 IN. P-DUCT (E)

150 FT. OF 1/4 IN. P-DUCT (E)
 10 FT. X 6 FT. INDUCTION LOOP (E)

LEGEND

- INDUCTION LOOP
- ▣ CABINET
- ⊠ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊙ HANDHOLE
- ⊙ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- FENCE
- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES
- (R) REMOVE EXISTING FACILITIES
- (RL) RELOCATE EXISTING FACILITIES

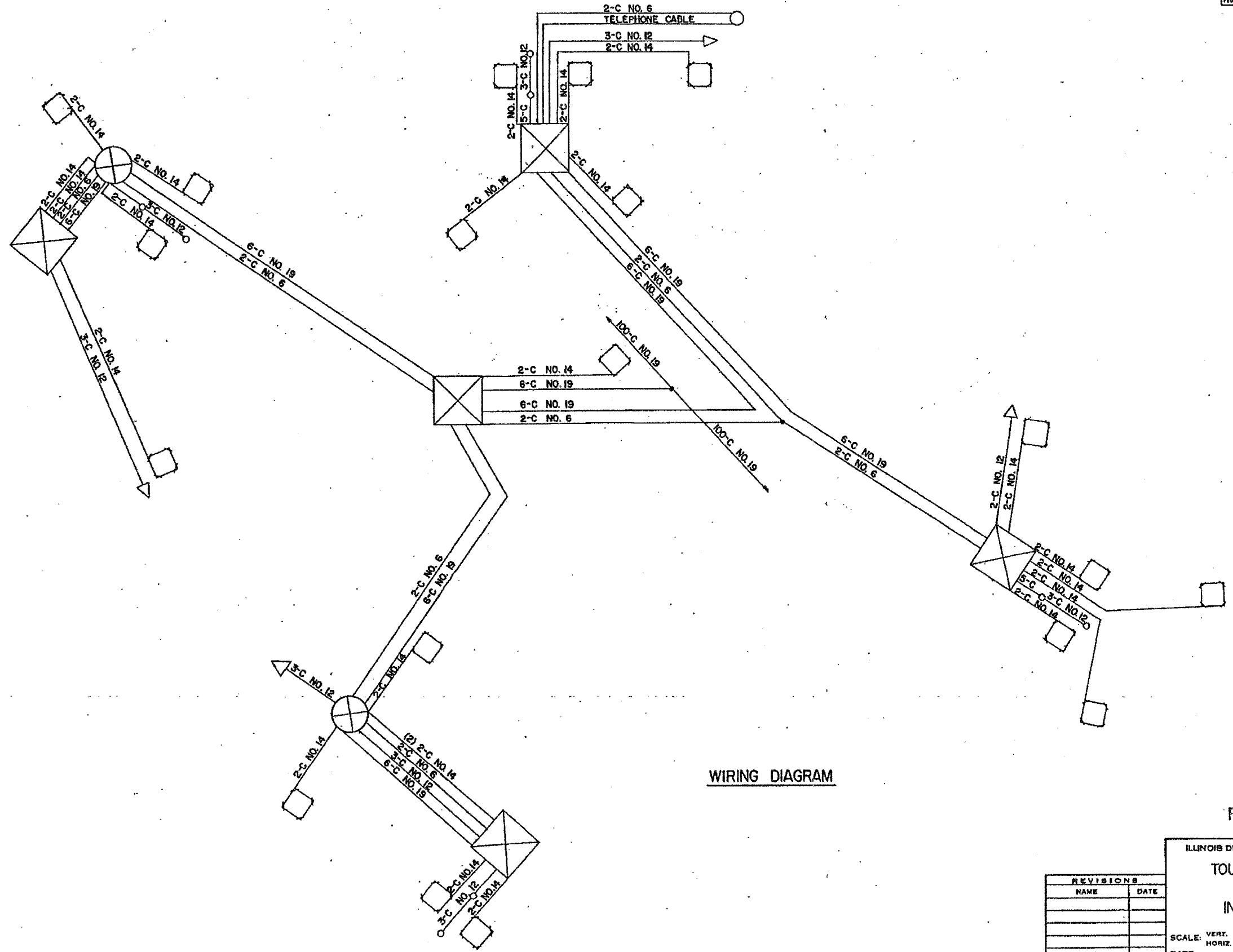
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TOUHY AVENUE
 METERING
 INSTALLATION**

REVISIONS	
NAME	DATE

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

62747



WIRING DIAGRAM

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TOUHY AVENUE
METERING
INSTALLATION**

SCALE: VERT. page 2 of 2
HORIZ. DRAWN BY
DATE CHECKED BY

REVISIONS	
NAME	DATE

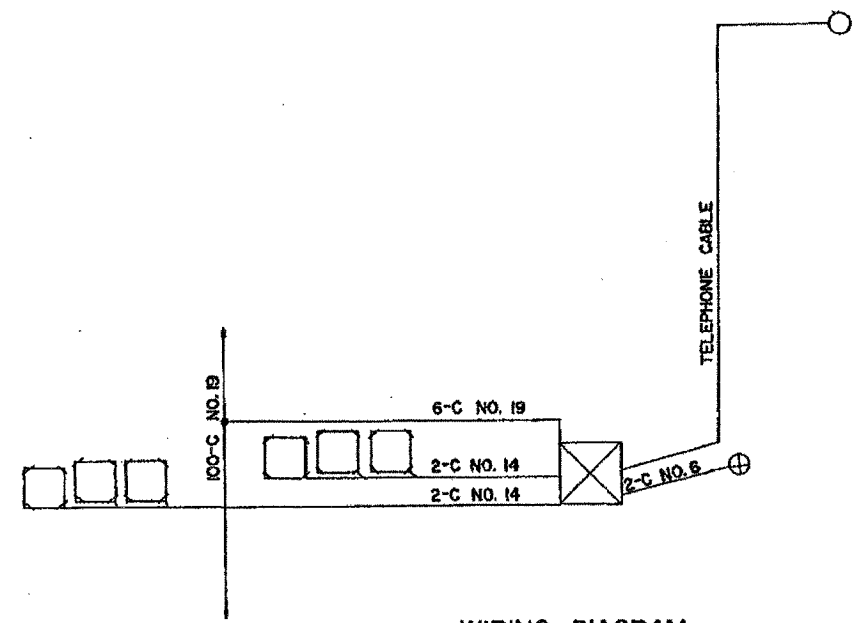
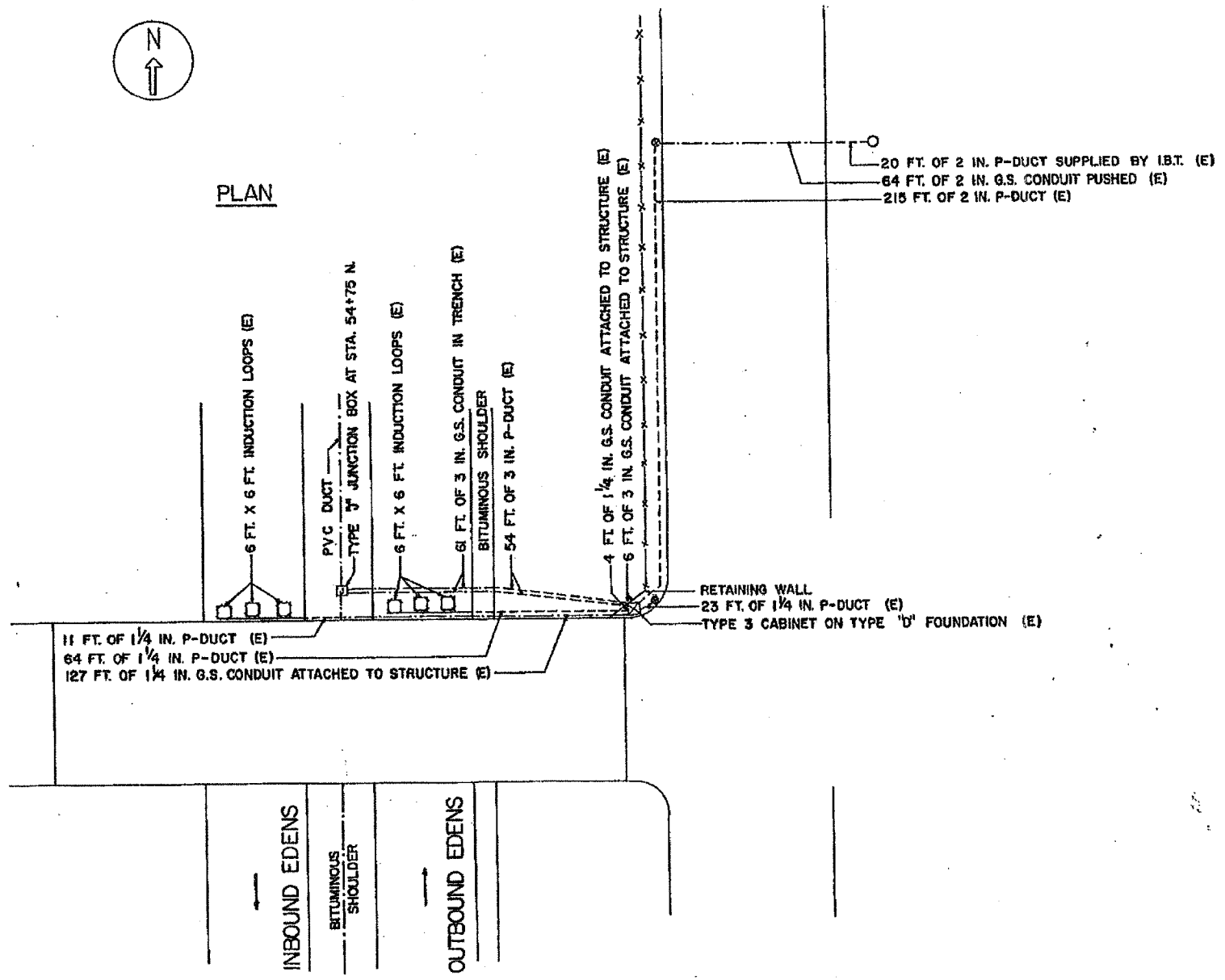
62747

LEGEND

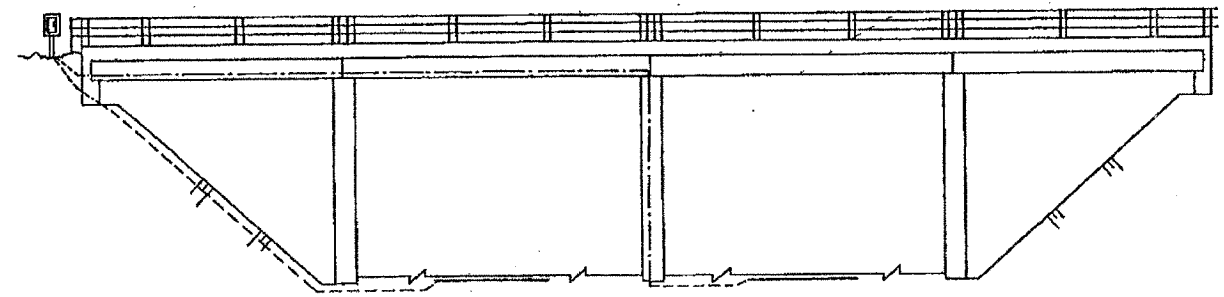
- INDUCTION LOOP
- ⊠ CABINET
- ⊡ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊕ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- FENCE
- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES
- (R) REMOVE FACILITIES



PLAN



WIRING DIAGRAM



NORTH ELEVATION

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PRATT AVENUE
INSTALLATION**

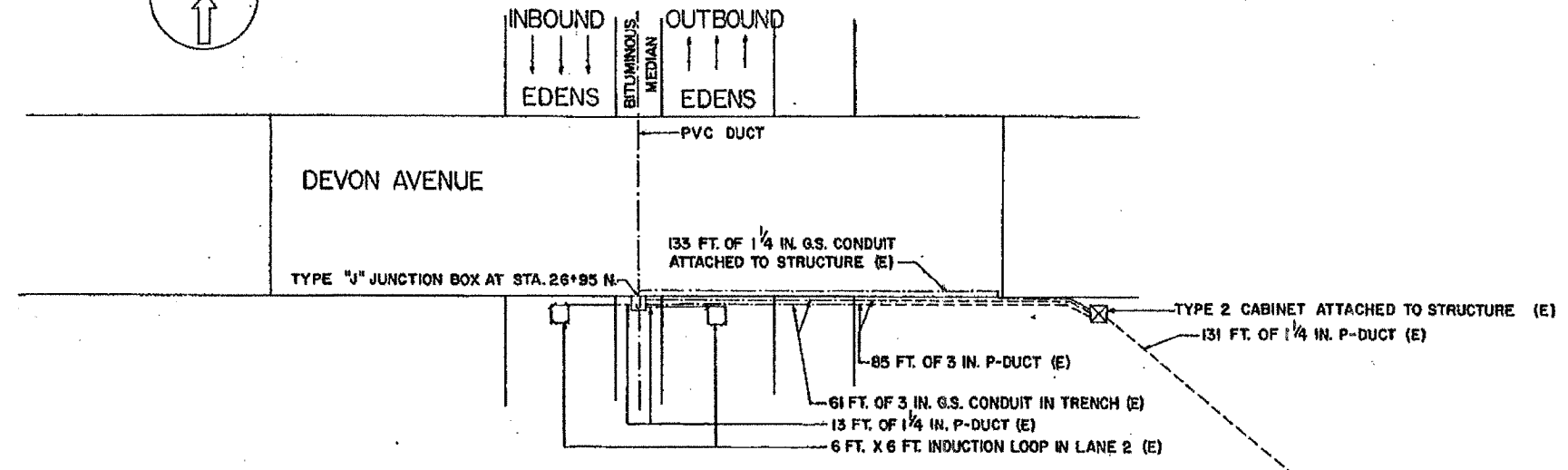
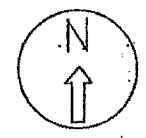
REVISIONS	
NAME	DATE

SCALE: VERT.
HORIZ.
DATE

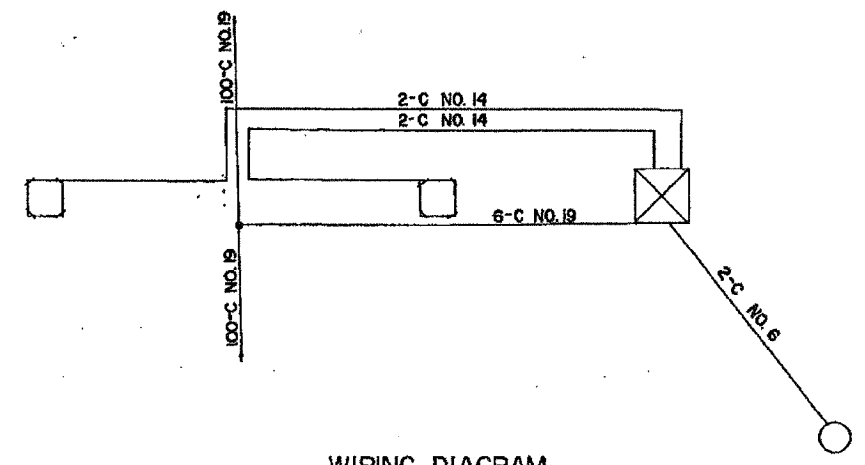
DRAWN BY
CHECKED BY

F. & E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	85
STA.	TO STA.			
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

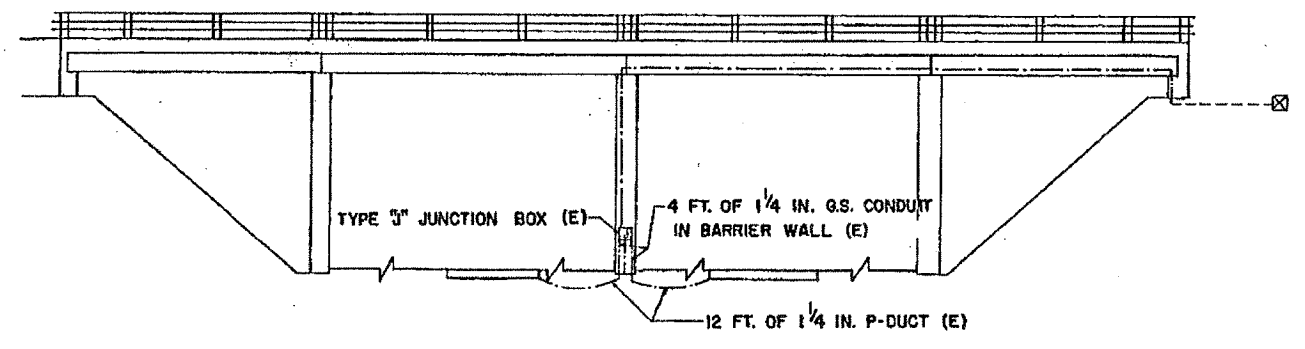
62747



PLAN



WIRING DIAGRAM



SOUTH ELEVATION

LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- PULL POINT
- SERVICE INSTALLATION
- ⊙ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- x-x- FENCE
- x-x- GUARDRAIL
- △ FLASHER
- ⊕ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES
- (R) REMOVE FACILITIES

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DEVON AVENUE
INSTALLATION**

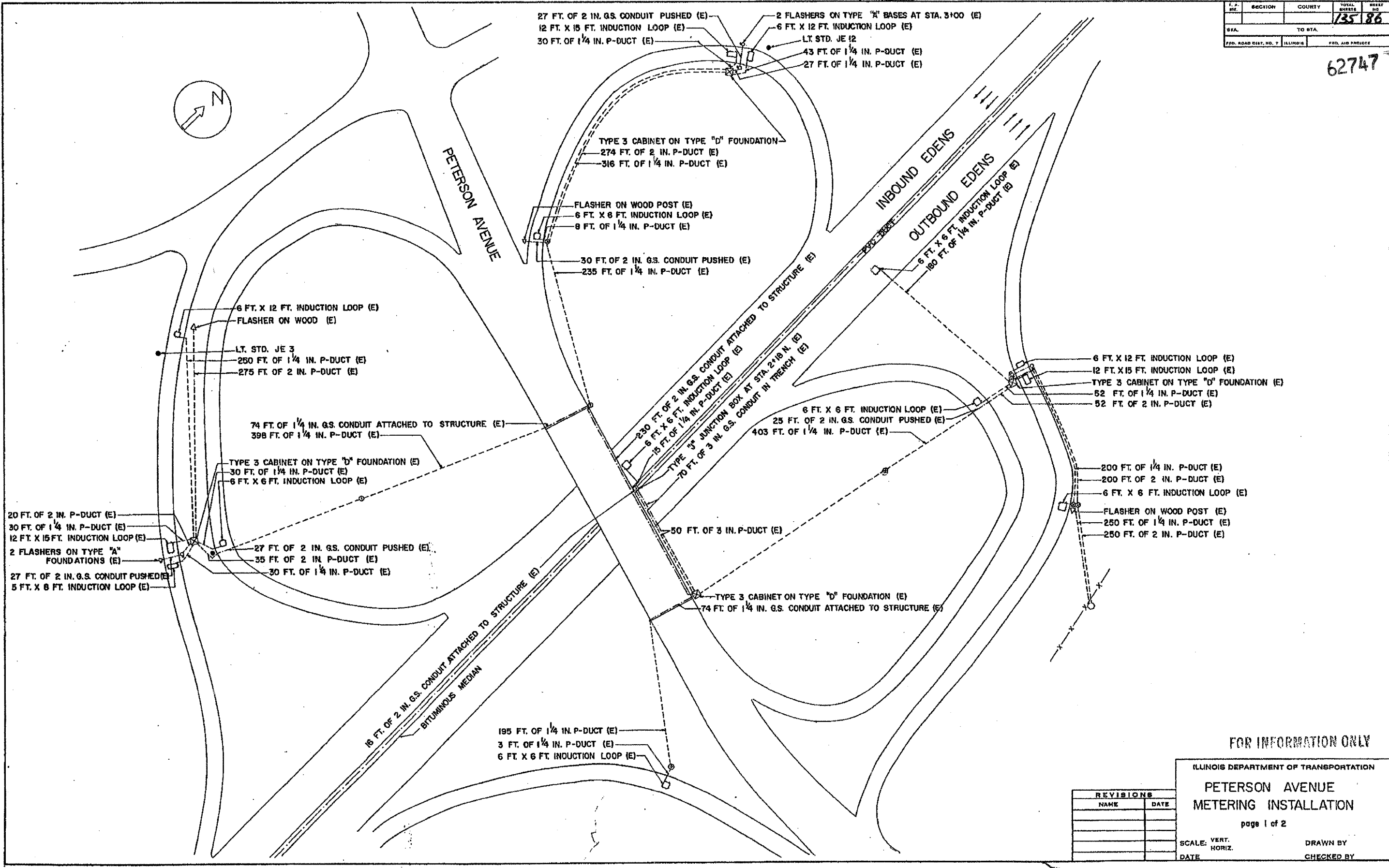
SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

REVISIONS	
NAME	DATE

I.P. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	86
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

62747



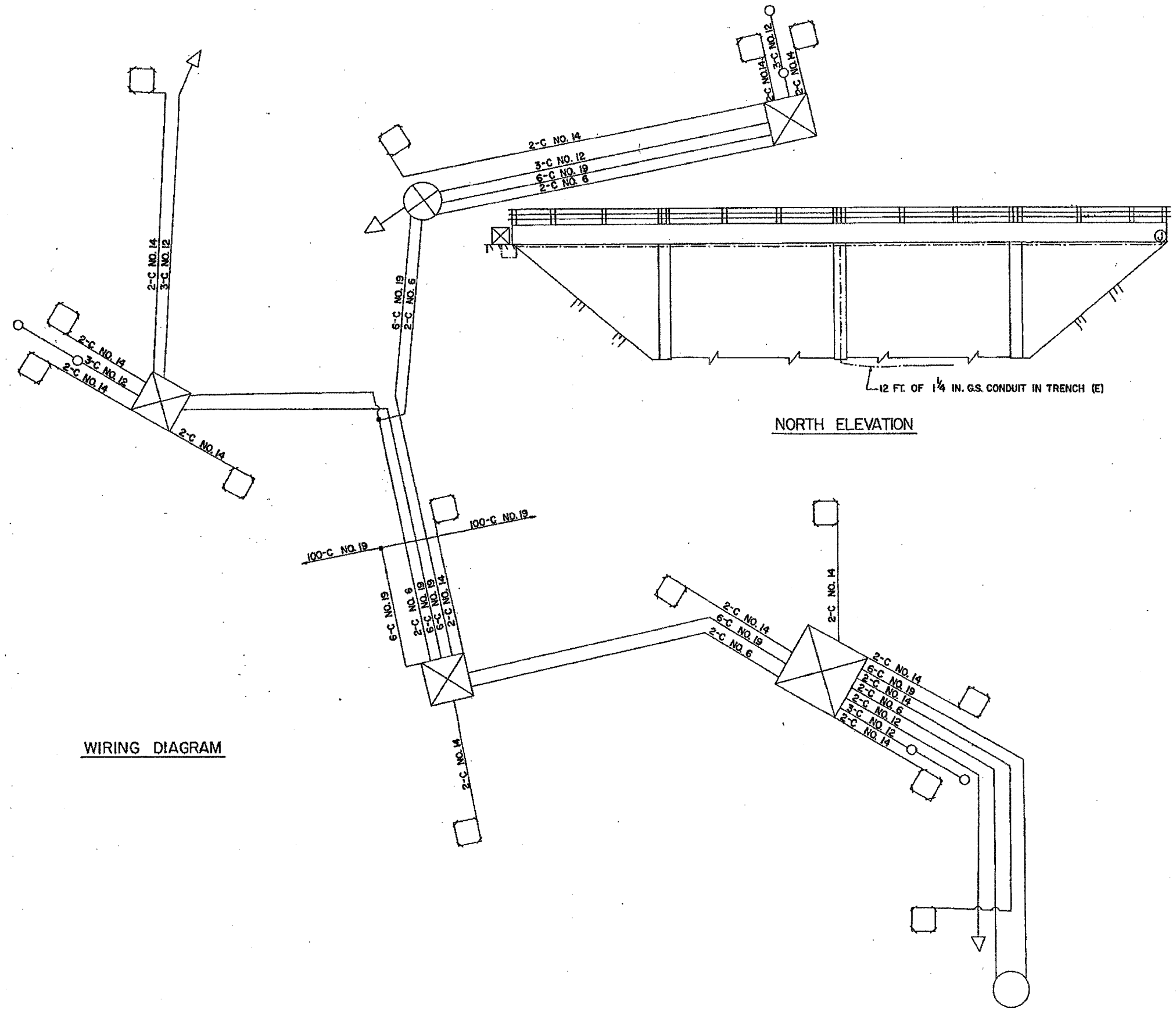
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PETERSON AVENUE
METERING INSTALLATION**
page 1 of 2
SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

REVISIONS	
NAME	DATE

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		135	87
STA. TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO. 7 ILLINOIS		62747	

62747



WIRING DIAGRAM

NORTH ELEVATION

12 FT. OF 1/4 IN. G.S. CONDUIT IN TRENCH (E)

LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊗ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- FENCE
- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES
- (R) REMOVE FACILITIES

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

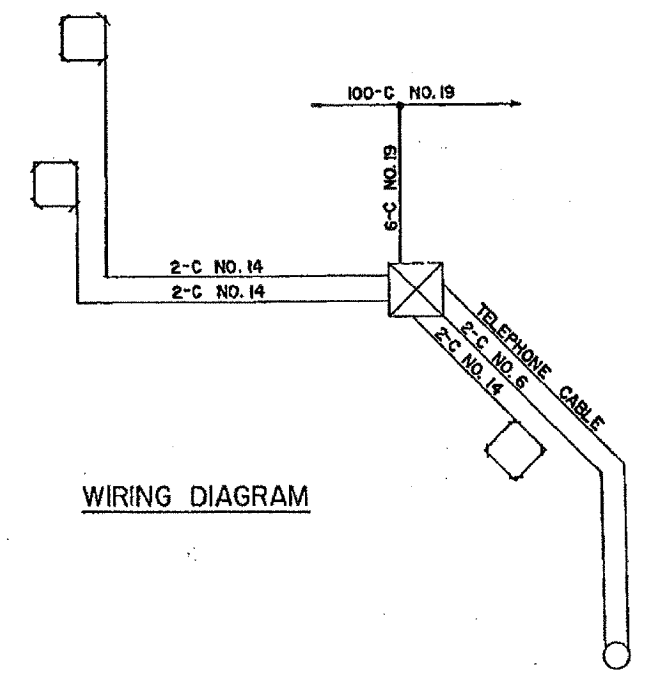
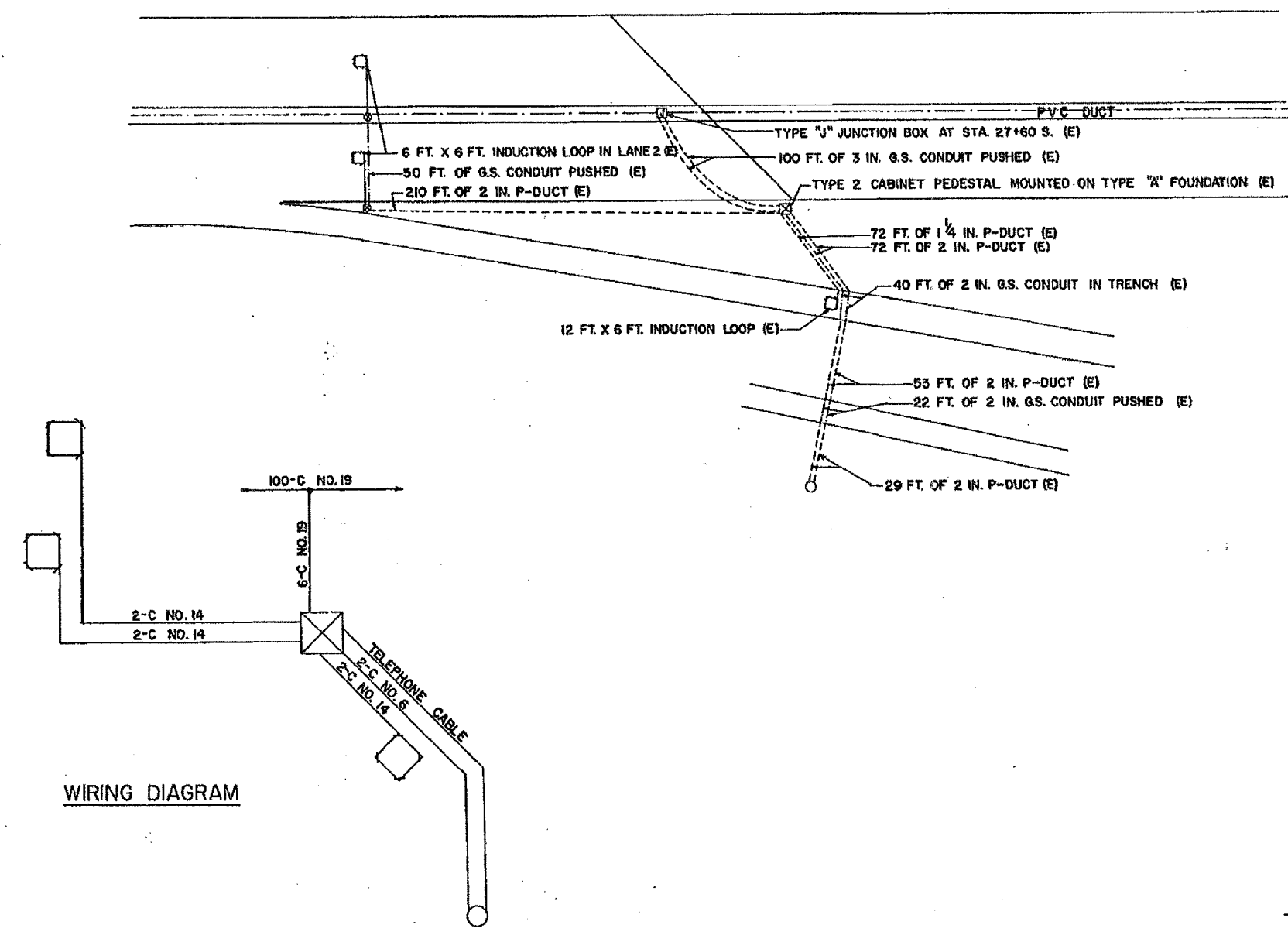
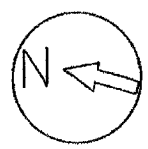
ILLINOIS DEPARTMENT OF TRANSPORTATION

PETERSON AVENUE
METERING INSTALLATION

page 2 of 2

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

62747



WIRING DIAGRAM

LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊙ HANDHOLE
- ⊙ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- CONDUIT
- x-x- FENCE
- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- (E) EXISTING FACILITIES

FOR INFORMATION ONLY

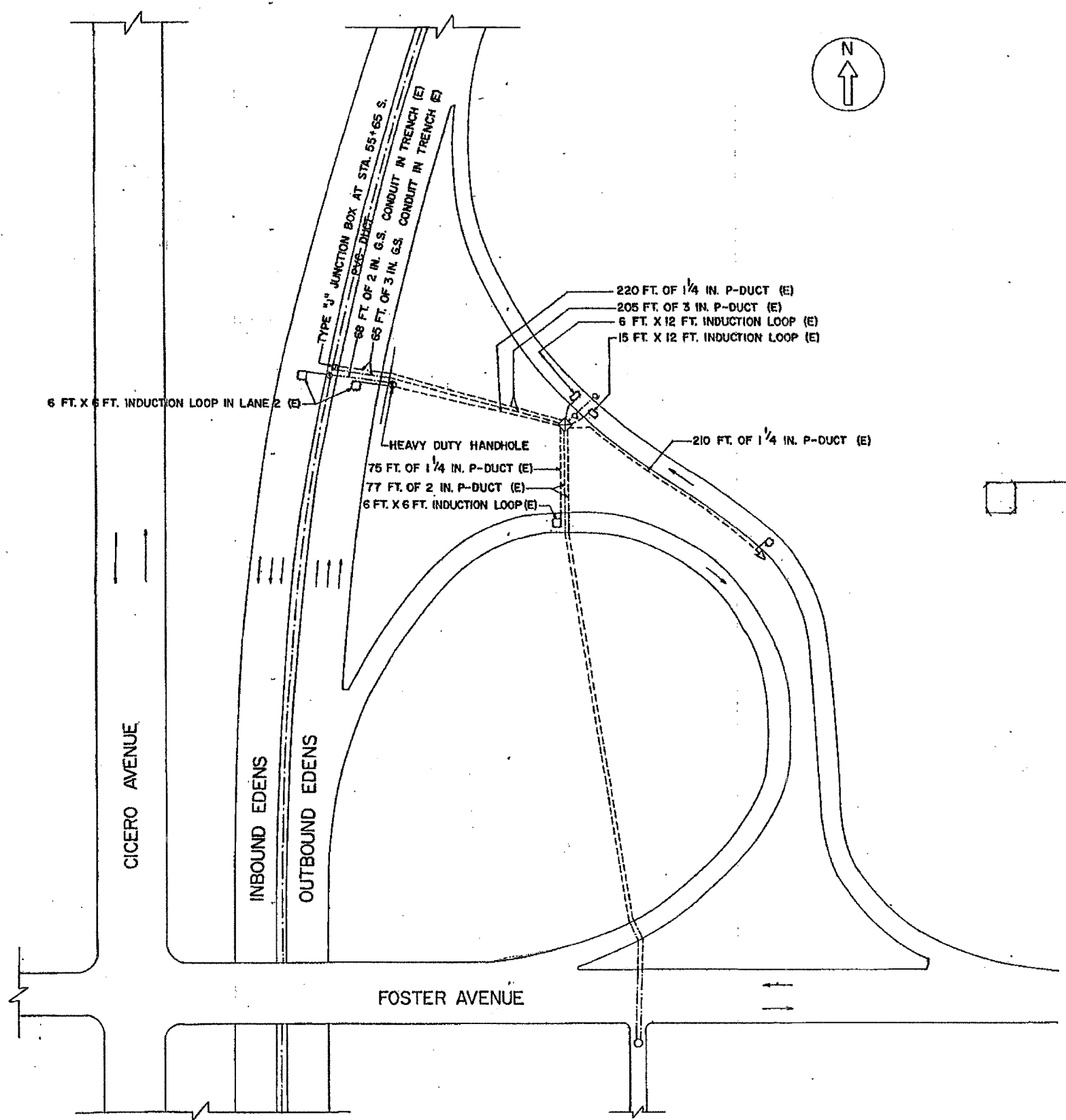
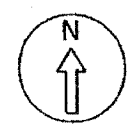
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CICERO AVENUE
 EDENS EXIT RAMP
 INSTALLATION**

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

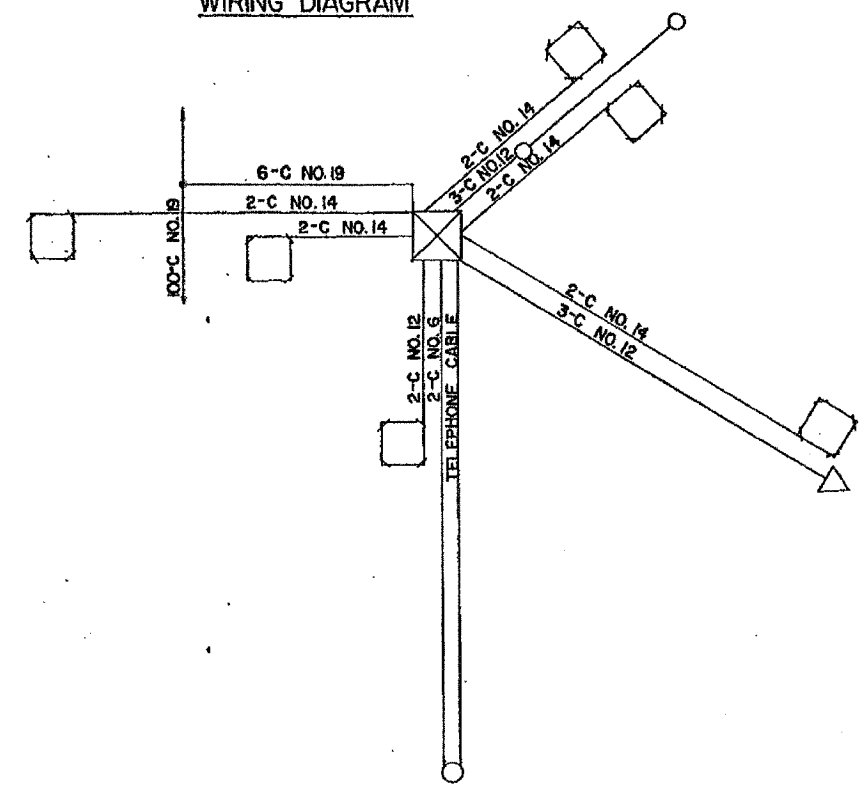
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		135	89
STA.	TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	

62747



PLAN

WIRING DIAGRAM



LEGEND

- INDUCTION LOOP
- ⊠ CABINET
- ⊞ JUNCTION BOX
- ⊙ PULL POINT
- SERVICE INSTALLATION
- ⊕ HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE
- POLYETHYLENE DUCT
- - - CONDUIT
- x-x- FENCE
- GUARDRAIL
- △ FLASHER
- ⊙ METERING SIGNAL LIGHT
- EXISTING LIGHT STANDARD

FOR INFORMATION ONLY

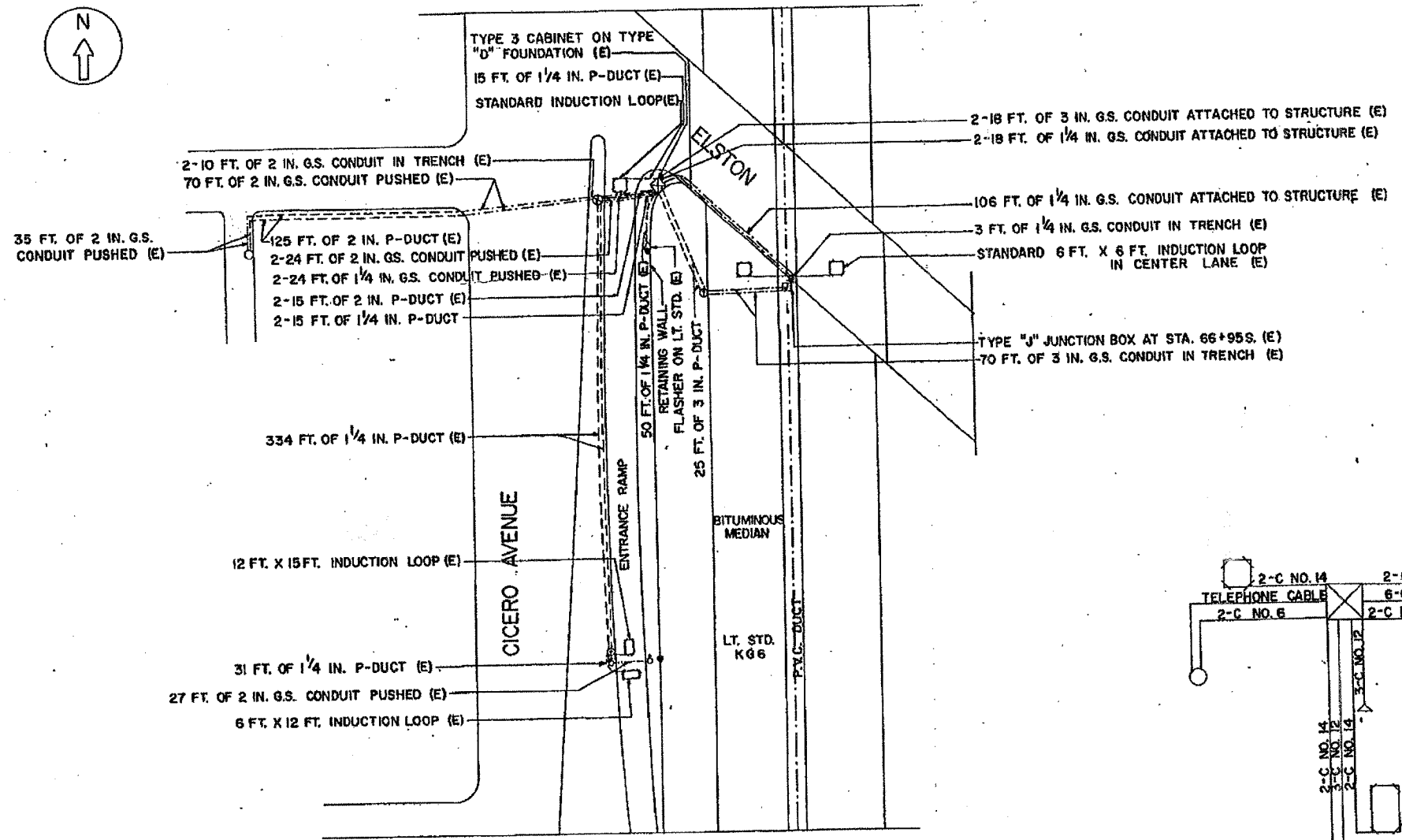
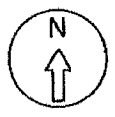
ILLINOIS DEPARTMENT OF TRANSPORTATION

FOSTER AVE. SAMPLE LOOP
ON INBOUND EDENS EXPWY.

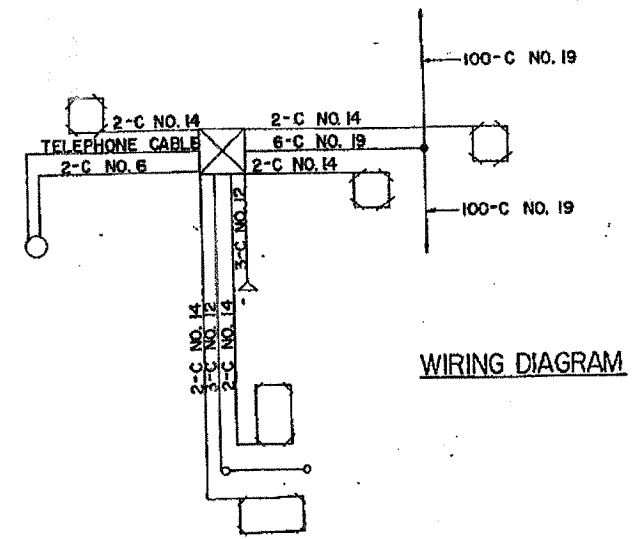
REVISIONS	
NAME	DATE

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

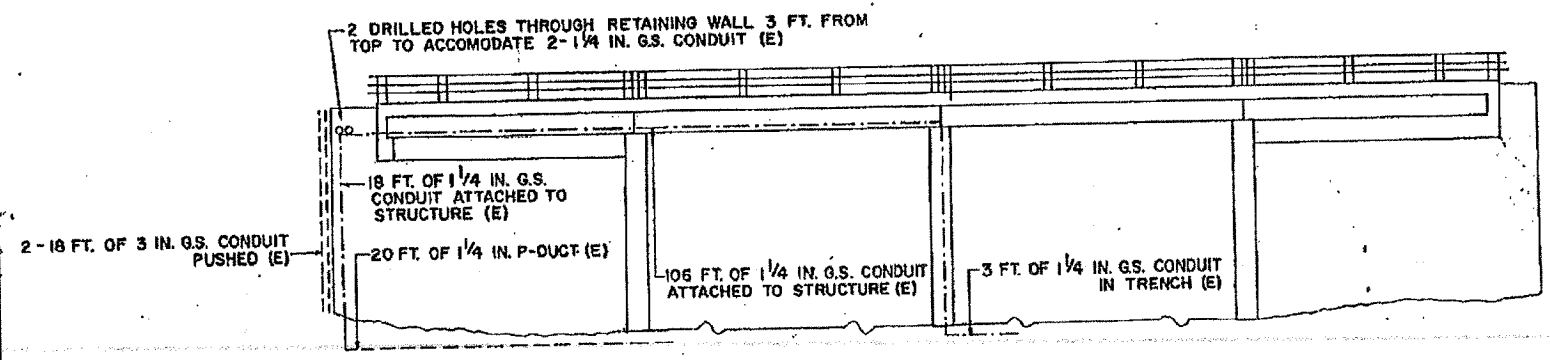
62747



PLAN



WIRING DIAGRAM



SOUTH ELEVATION

- LEGEND**
- ☒ CABINET
 - LOOP
 - SERVICE INSTALLATION
 - DUCT
 - CONDUIT
 - ⊗ HANDHOLE
 - (E) EXISTING FACILITIES
 - △ FLASHER
 - ⊙ SIGNAL

FOR INFORMATION ONLY

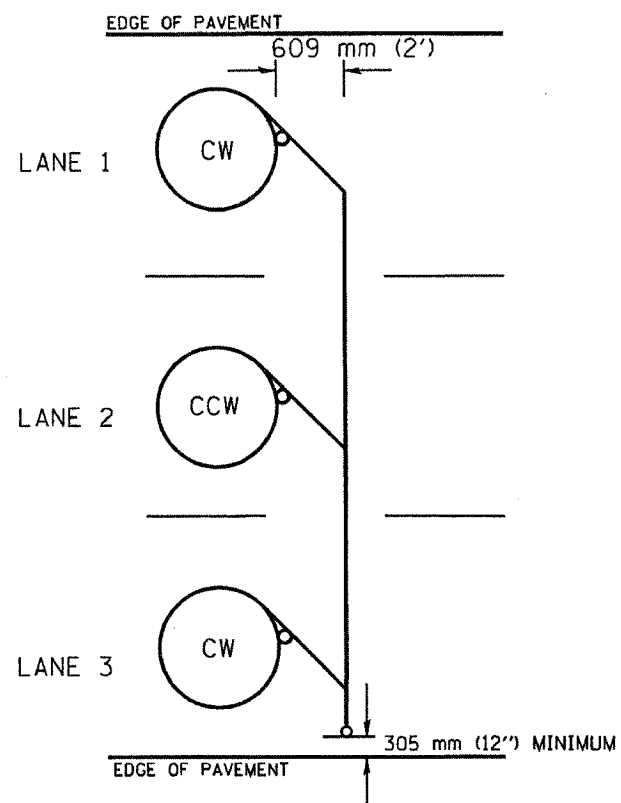
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ELSTON AVENUE
 INSTALLATION**

REVISIONS	
NAME	DATE

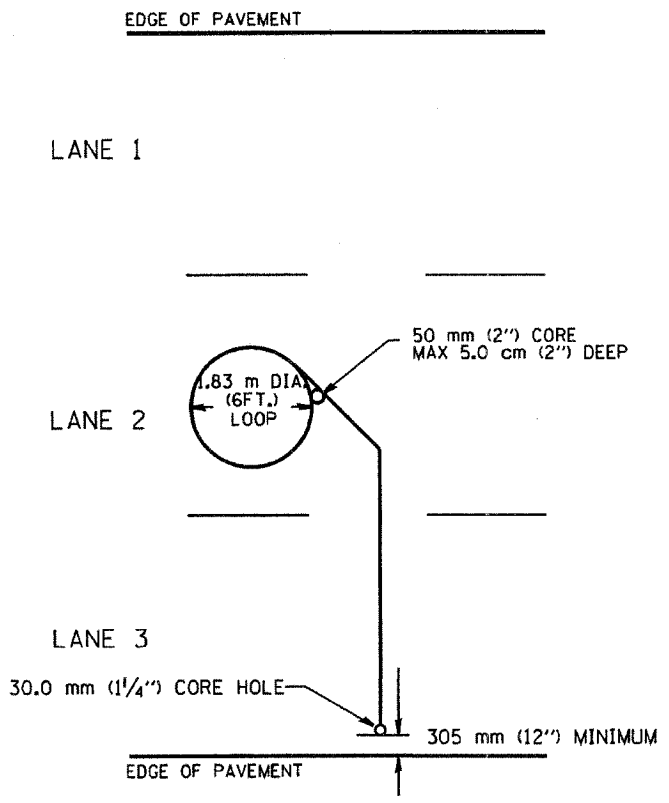
SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
			125/41
STA. _____		TO STA. _____	
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT	

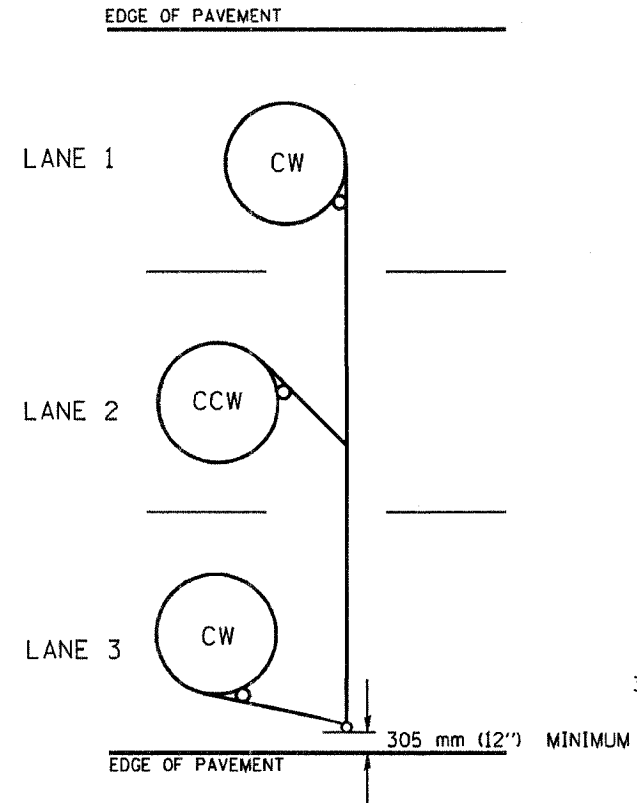
62747



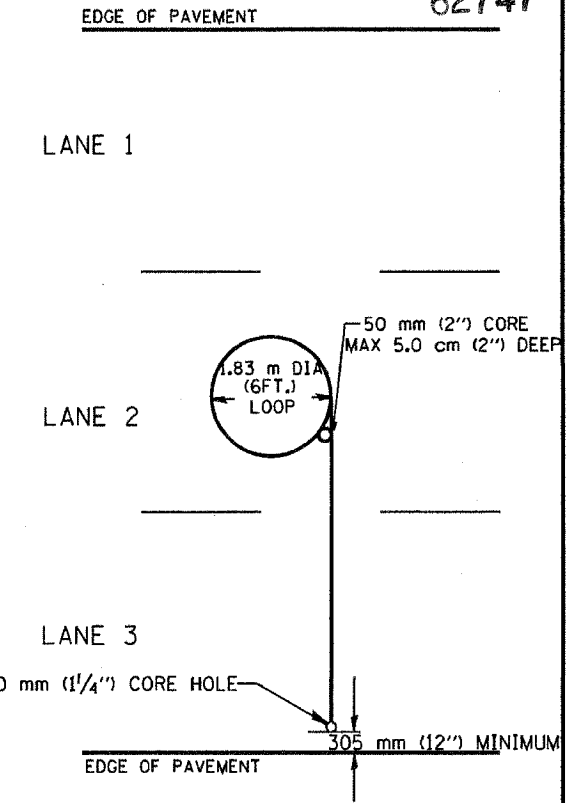
TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



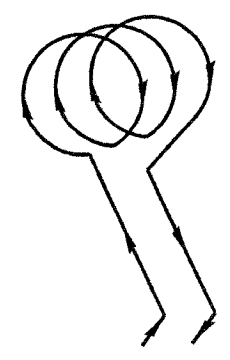
TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2



TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2



WIRING DETAILS

- NOTES
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS	
NAME	DATE
R.L.	6/94
T.C.	9/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
**EXISTING ROUND LOOP
INSTALLATION**

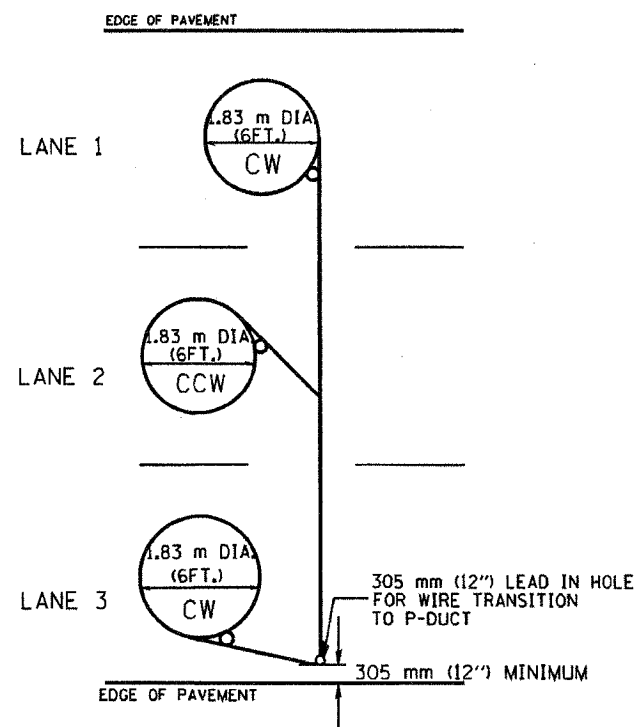
VERT. NONE
SCALE: HORIZ
DATE 6-22-94

DRAWN BY G.W.
CHECKED BY R.L.

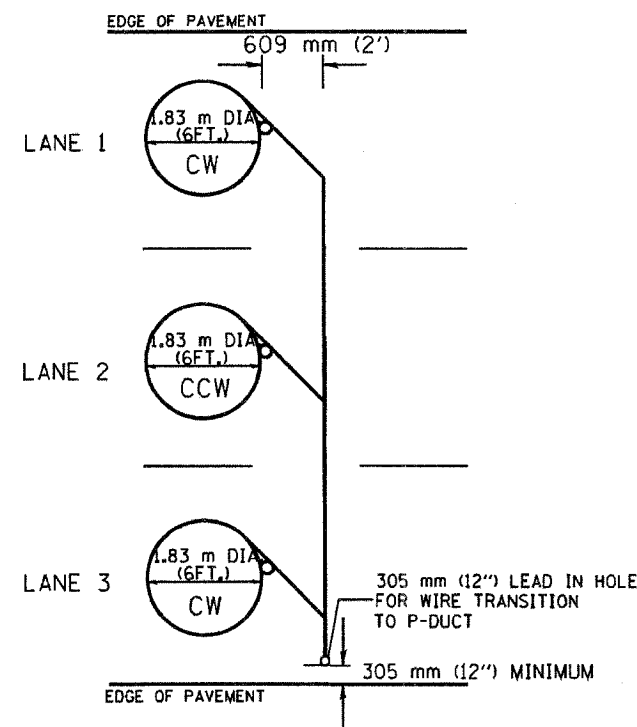
RD-TYPNET.DGN
RF

VI-4181

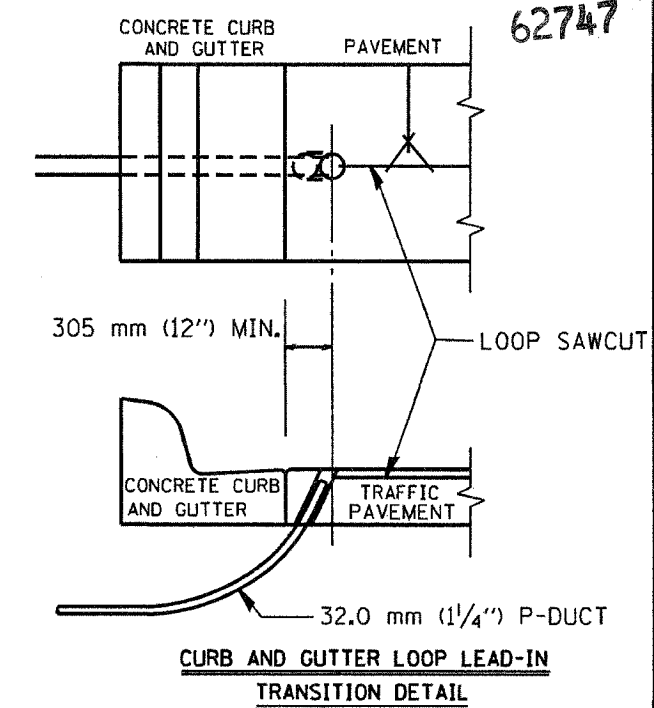
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			135	92
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



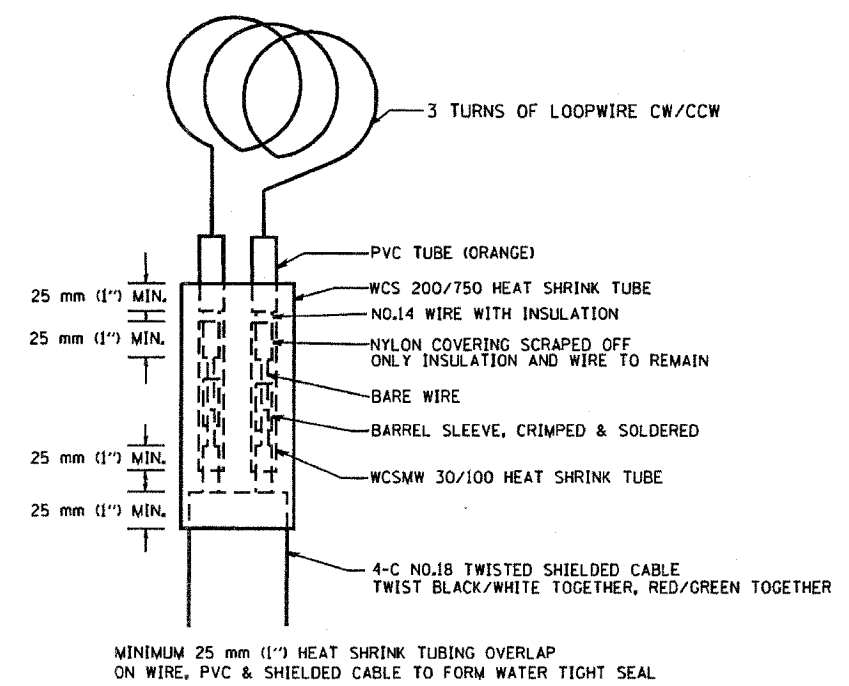
TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL LAYOUT FOR MULTIPLE LANE ROADWAY



TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL LAYOUT FOR MULTIPLE LANE ROADWAY



CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL



LOOP SPlicing REQUIREMENTS

- NOTES**
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

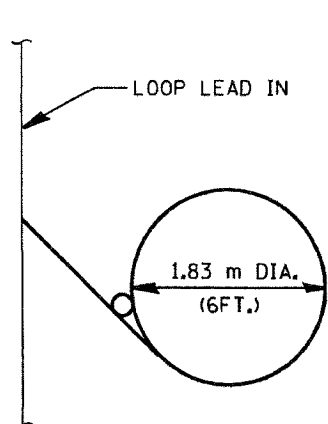
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER EXISTING ROUND INDUCTION LOOP TYPICALS
NAME	DATE	
R.L.	6/94	SCALE: VERT. NONE DATE 6-22-94 DRAWN BY G.M. CHECKED BY R.L.
T.C.	10/96	

RD-TYPNET.DGN
RF-

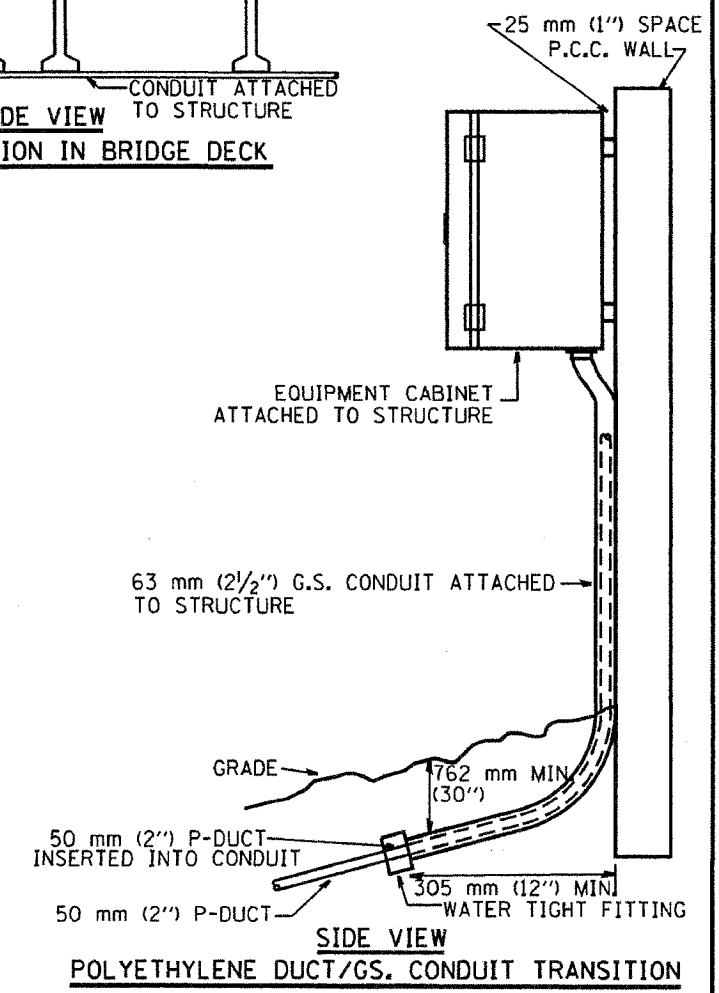
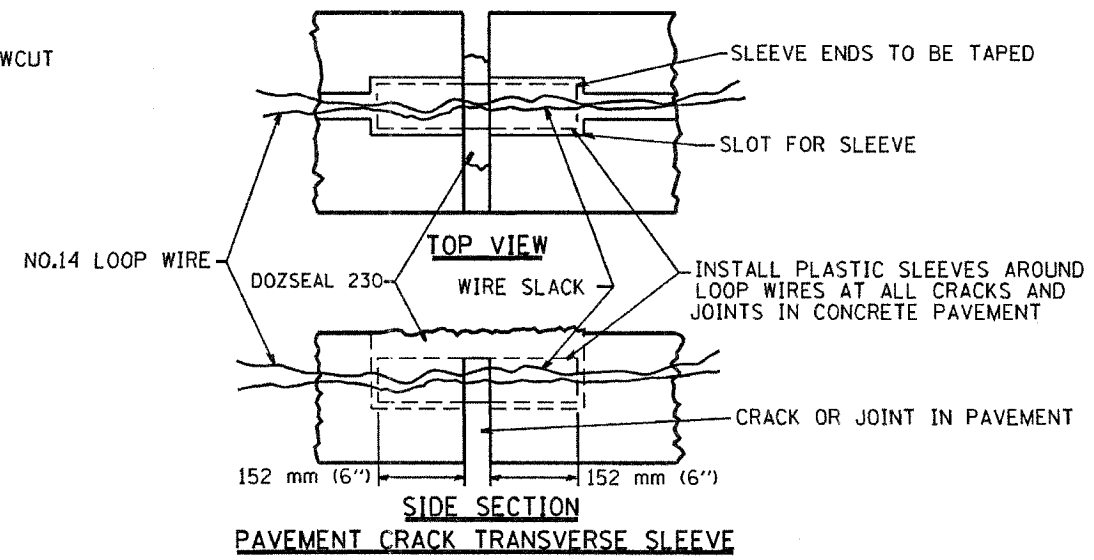
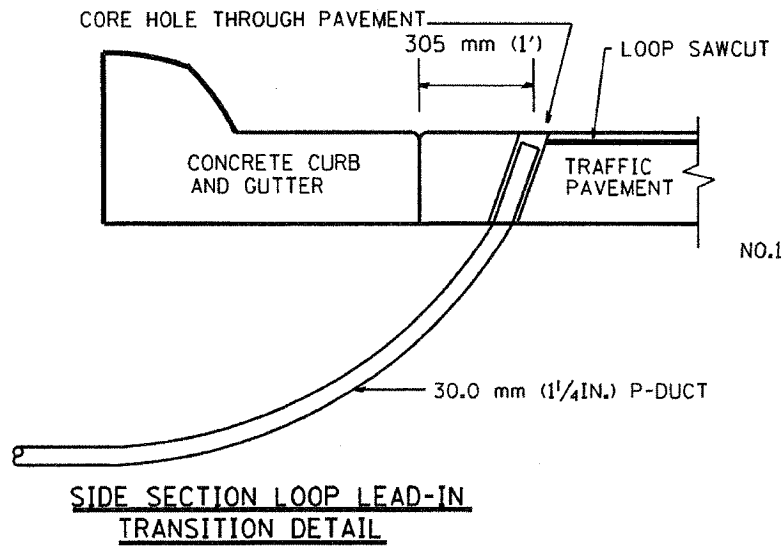
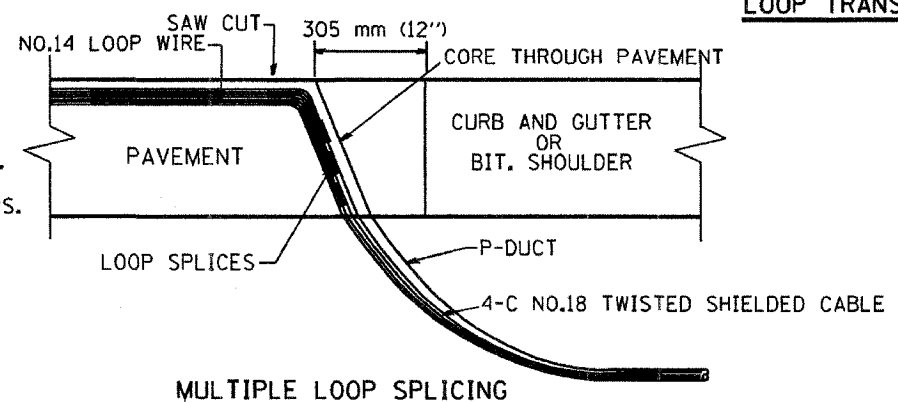
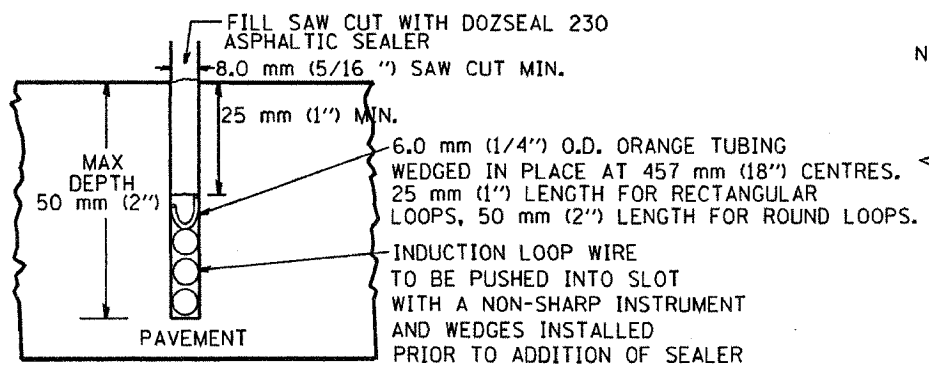
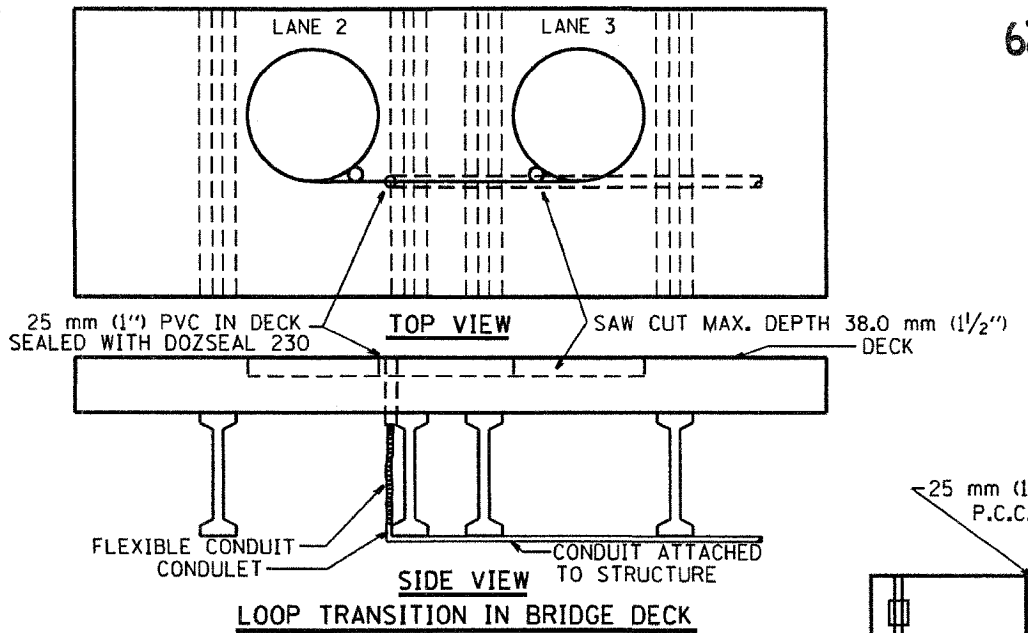
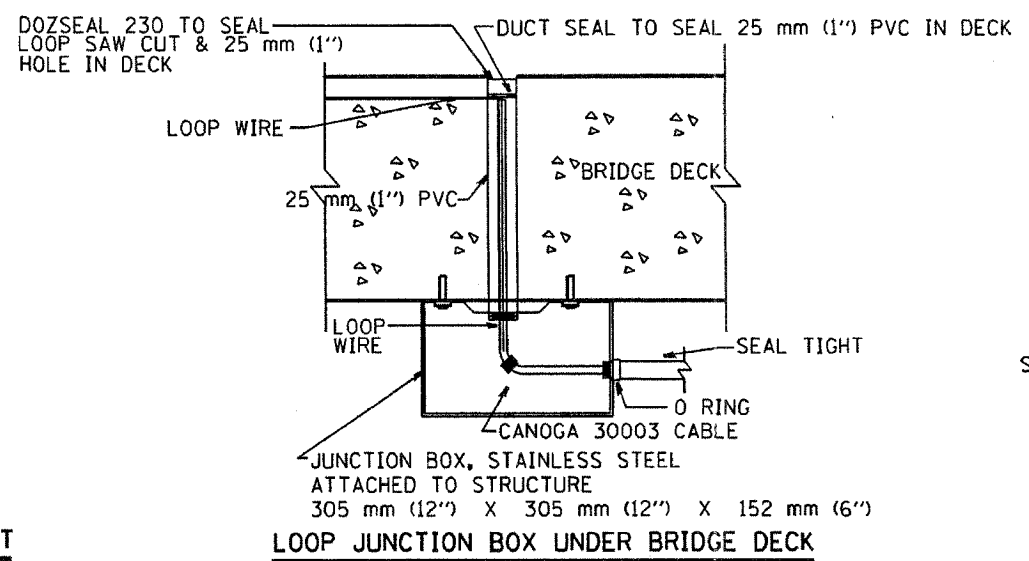
VI-4182

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
			135193
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

62747



TYPICAL LOOP SAWCUT LAYOUT



REVISIONS	
NAME	DATE
R.L.	6/94
R.L.	3/95
T.C.	11/95
R.L.	05/96
T.C.	10/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

**LOOP, CONDUIT & DUCT
INSTALLATION DETAILS**

SCALE: VERT. NONE
DATE 6-22-94

DRAWN BY G.M.
CHECKED BY R.L.

RD-TYPNET.DOC
R1

V14184

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 94	2006-043 RS	COOK	135	96
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 62747

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

B.M. - Engineer to set temporary benchmark in field as necessary.

Existing Structure - Structure No. 016-0103&4, built as S.A. Rte. 263, Section 263-0707.1-15D at Station 277+11.26 in 1949, rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway). Section 1975-120-R & BR. The existing structures consist of a five span continuous non-composite steel multi-beam structure supporting a reinforced concrete deck. The steel beams consist of W36 rolled shapes. The substructure consists of reinforced concrete spill thru abutments supported on piles and reinforced concrete multi-column piers supported on piles.

Stage construction shall be utilized to maintain traffic during construction.

Salvage Existing Drainage Scupper Grate.

DESIGN SPECIFICATIONS
2002 AASHTO

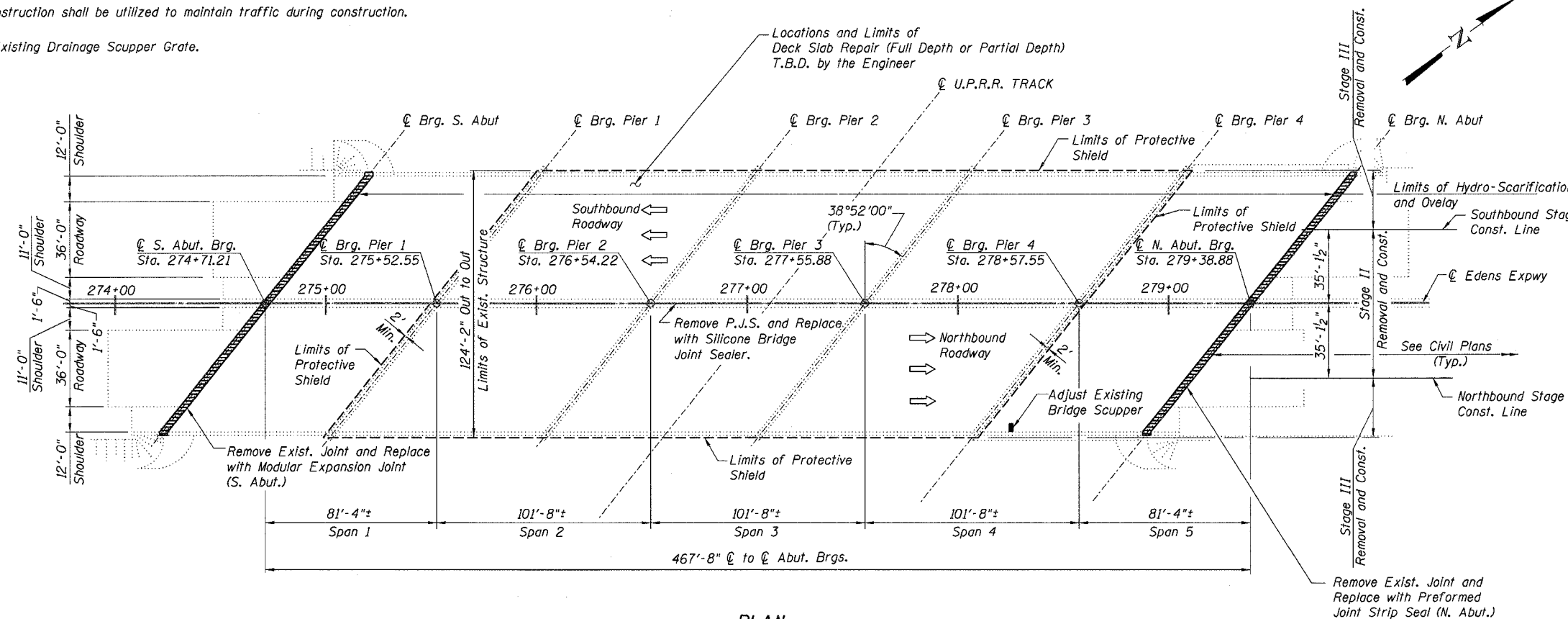
DESIGN STRESSES

FIELD UNITS

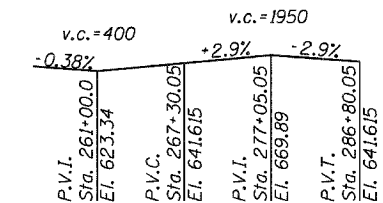
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)

SCOPE OF WORK

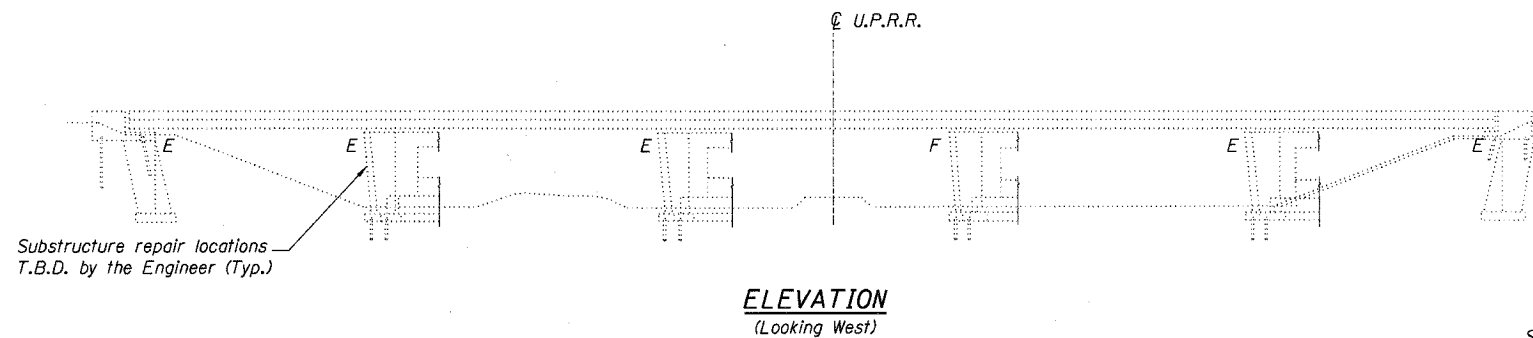
1. Provide Protective Shield with limits as indicated.
 2. Perform substructure repairs (structural repair of concrete and epoxy crack injection).
- Stage II:
3. Close Stage II construction areas to traffic.
 4. Hydro-Scarify the deck slab.
 5. Remove and replace expansion joints and surrounding concrete (including parapets).
 6. Perform deck slab repair.
 7. Adjust existing scuppers and install new grate.
 8. Place Overlay.
 9. Place temporary approach transitions.
 10. Open Stage II Removal area to staged traffic.
- Stage III:
11. Close Stage III Removal areas to traffic.
 12. Repeat steps 4-9 but for Stage III construction.
 13. Open bridge to traffic.



PLAN



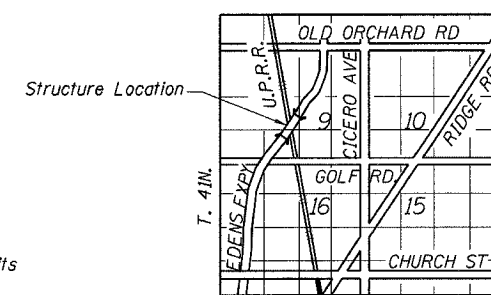
EXISTING PROFILE GRADE
EDENS EXPRESSWAY



ELEVATION
(Looking West)



Range 13E - 3rd. PM



LOCATION SKETCH

LEGEND

- - - Protective Shield Limits
- ▨ Concrete Removal / Joint Reconstruction

NOTES

1. For joint removal and replacement plans and details, see Sheet Nos. 101 thru 104b
2. See Structural Notes on Sheet No. 97

GENERAL PLAN & ELEVATION
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

DESIGNED -	DWH
CHECKED -	JSD
DRAWN -	EF
CHECKED -	JSD

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	2006-043 RS	COOK	135	97
FED. ROAD DIST. NO. 7		ILL. MOOR	FED. AID PROJECT	

Contract # 62747

STRUCTURAL NOTES

- Expansion joint plates and attached bars shall be shop painted with the inorganic zinc rich primer.
- The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.
- Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60 (IL Modified). See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
- Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
- Stage construction shall be utilized to maintain traffic during construction.
- The Contractor shall exercise care during removal of existing joints to ensure that the slab, beams and diaphragms' integrity will not be detrimentally impacted. The Contractor shall repair any damage(s) to the slab, beams and diaphragms caused by his operation as directed by the Engineer at no additional cost to the Department.
- The Contractor shall provide a Protective Shield under the deck for Full Deck Slab repairs as per direction of the Engineer and as shown on the plans.
- The Contractor may have to remove the Name Plate(s) that interfere with the parapet removal for joint reconstruction. The Contractor shall reinstall the Name Plate(s) as directed by the Engineer. The cost of removal and reinstallation of Name Plate(s) shall be included in the cost for "Concrete Removal" and "Concrete Superstructure."
- Protective coat shall be applied only to the new concrete provided for the reconstruction of the joints (top of deck slab, top and traffic face of parapet).
- The Engineer shall determine extent, location and type of substructure and deck slab repairs in the field.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by an individual acceptable to the Engineer. Any cracks that can not be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

- Field welding of construction accessories will not be permitted to beams or girders.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
- Protective shielding shall be installed to insure that all electrical appurtenances below the bridge deck are adequately protected.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8 inch adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. (For Type 1 Elastomeric Bearings, two 1/8 inch adjusting shims shall be provided for each bearing and placed as detailed).

Typ. Lap Splice

Bar Size	Min. Lap
#4	1'-8"
#5	2'-2"
#5*	3'-0"
#6	2'-7"
#6*	3'-7"
#7	3'-5"
#8	4'-6"

* Top Horizontal Bar

ABBREVIATION LIST

Abut.	Abutment	F/	Face of	R or Rad.	Radius
Alt.	Alternate	Ft.	Foot or Feet	RR	Railroad
		Ftg.	Footing	Req'd	Required
Bk.	Back	Gr.	Grade	Rt.	Right
Brg.	Bearing			Sht.	Sheet
Btwn.	Between			Spa.	Spaces or Spacing
B/	Bottom of	Jt.	Joint	Sq.	Square
Bot.	Bottom	L	Angle	S.S.	Stainless Steel
		Lt.	Left	Std.	Standard
CIP	Cast in Place	Lg.	Long	Sta.	Station
CL	Centerline	Max.	Maximum	Stl.	Steel
Cts.	Centers	Min.	Minimum	Sym.	Symmetrical
Cl.	Clear	Nom.	Nominal	Temp.	Temporary
Conc.	Concrete	N.T.S.	Not to Scale	Thk.	Thick
CJ	Construction Joint	No(s).	Number(s)	T.B.D.	To be determined
Const(r).	Construction	Opp.	Opposite	T/	Top of
				Typ.	Typical
Dia.	Diameter	Pavt.	Pavement	UNO	Unless Noted Otherwise
Ea.	Each	PL	Plate	VIF	Verify in Field
E	East	P.C.	Precast		
E/	Edge of	P.J.F.	Preformed Joint Filler		
El. or Elev.	Elevation	P.J.S.	Preformed Joint Sealer		
Exist.	Existing	PGL	Profile Grade Line		
Exp.	Expansion	Prop.	Proposed		
Exp.	Expressway			W	West
				W/	With

STRUCTURAL NOTES
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

DESIGNED -	JSD
CHECKED -	DWH
DRAWN -	EF
CHECKED -	DWH

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H.W. LOCHNER, INC., CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	2006-043 RS	COOK	135	98
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 62747

TOTAL BILL OF MATERIAL

Item	Unit	Super.	Sub.	Total
Concrete Removal	Cu. Yd.	63.8		63.8
Protective Shield	Sq. Yd.	4,208		4,208
Concrete Superstructure	Cu. Yd.	71.8		71.8
Bridge Deck Grooving	Sq. Yd.	5,951		5,951
Protective Coat	Sq. Yd.	156		156
Reinforcement Bars, Epoxy Coated	Pound	6,910		6,910
Bar Splicers	Each	68		68
Preformed Joint Strip Seal	Foot	154		154
Epoxy Crack Injection	Foot		100	100
Bridge Deck Microsilica Concrete Overlay, 2 1/2"	Sq. Yd.	6,059		6,059
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	6,059		6,059
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	31		31
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	279		279
Modular Expansion Joint - Swivel, 6"	Foot	152		152
Silicone Bridge Joint Sealer, 2"	Foot	470		470
* Adjusting Drainage Scuppers, Type A	Each	1		1
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.		100	100

* Requires Special Provision

INDEX OF SHEETS

96	GENERAL PLAN & ELEVATION
97	STRUCTURAL NOTES
98	TOTAL BILL OF MATERIAL AND INDEX OF SHEETS
99	TYPICAL SECTION THRU BRIDGE
100	CONSTRUCTION STAGING DETAILS
101	NORTH EXPANSION JOINT REMOVAL & REPLACEMENT PLAN
102	NORTH EXPANSION JOINT REMOVAL & REPLACEMENT DETAILS
103	SOUTH EXPANSION JOINT REMOVAL & REPLACEMENT PLAN
104	SOUTH EXPANSION JOINT REMOVAL & REPLACEMENT DETAILS
104a	REINFORCING BAR DETAILS & SUPERSTRUCTURE BILL OF MATERIAL
104b	EXPANSION JOINT DETAILS
104c	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
104d	DRAINAGE SCUPPER ADJUSTMENT DETAILS
104e	SCARIFICATION AND OVERLAY DETAILS
104f	BAR SPLICER ASSEMBLY DETAILS

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DESIGNED -	JSD
CHECKED -	DWH
DRAWN -	EF
CHECKED -	DWH

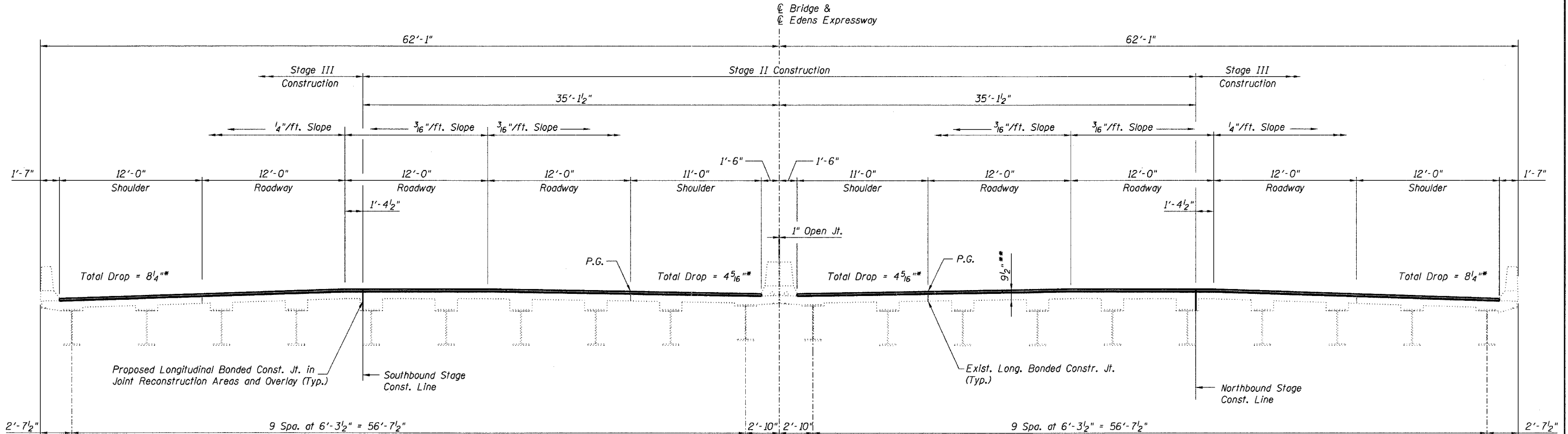
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TOTAL BILL OF MATERIAL
AND INDEX OF SHEETS
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	2006-043 RS	COOK	135	99
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract # 62747



TYPICAL SECTION THRU BRIDGE
(Looking North)

* Cross Slopes shown are for locations as follows:
N.B. Roadway: Sta. 274+48 to Sta. 278+28
S.B. Roadway: Sta. 274+48 to Sta. 279+03
portions of the bridge outside these limits are in Superelevation transition areas.

** Deck Slab replacement in joint locations only.
See Sheet No. 101 for limits.
In typical locations, proposed deck will consist of 7" slab and 2 1/2" latex concrete overlay.
See Sheet No. 104e for details.

NOTES

1. For joint removal limits see Sheets Nos. 101 and 104.
2. Stage I does not include any bridge work.

TYPICAL SECTION THRU BRIDGE
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

DESIGNED	-	JSD
CHECKED	-	AMK
DRAWN	-	EF
CHECKED	-	AMK

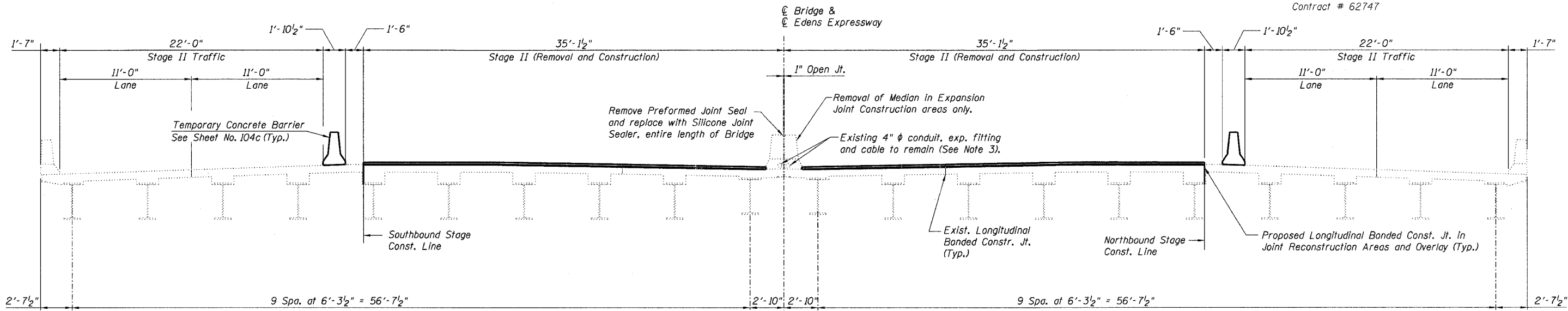
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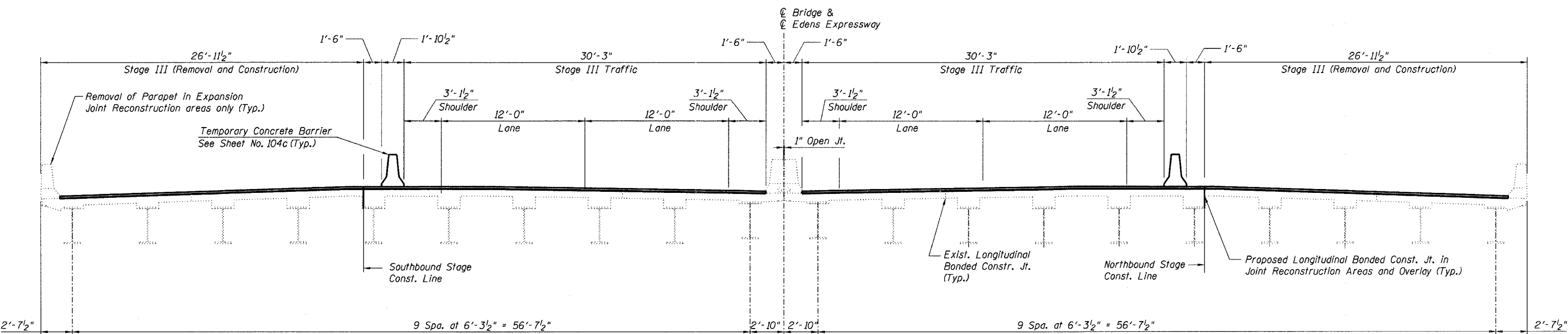
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 94	2006-043 RS	COOK	135	100
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 62747



STAGE II
(Looking North)



STAGE III
(Looking North)

NOTES

- For joint removal limits, see Sheet Nos. 101 and 104.
- Stage I does not include any bridge work.
- The Contractor shall exercise extreme care with the existing conduits in sections of the wall to be removed and to protect and support the conduit. The Contractor will be required to repair any damage done to the conduit to the satisfaction of the Engineer. No splicing will be allowed to any cable damage resulting from this work; instead the Contractor will be required to replace the entire span of any damaged cable.

CONSTRUCTION STAGING DETAILS
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

DESIGNED - JSD
CHECKED - AMK
DRAWN - EF
CHECKED - AMK

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