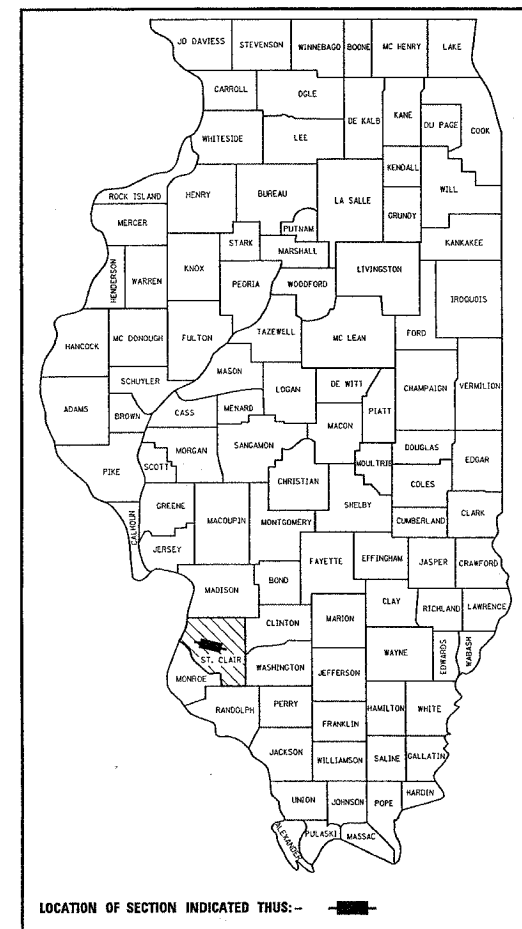


FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	1
CONTRACT NO.: 76813				

D-98-067-04

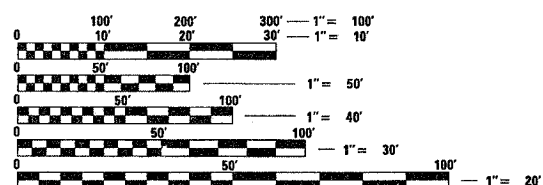


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB-1, 2I
PROJECT: IM-064-1(117)012
ST. CLAIR COUNTY
RESURFACING, BRIDGE REHABILITATION
C-98-078-04

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
SQUAD LEADER: CHERYL KEPLAR (618) 346-3186

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

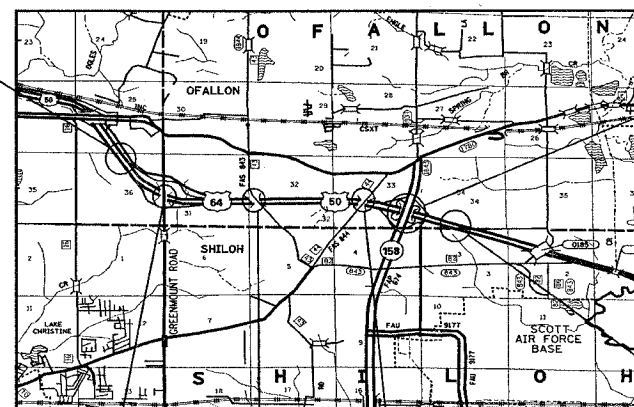


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DESIGN ADT
 2003 ADT = 46,700 (ACTUAL)
 2006 ADT = 48,800 (ESTIMATED)
 2026 ADT = 65,700 (ESTIMATED)
 S.U. = 4.1%
 M.U. = 14.6%

PROJECT BEGIN
 STA. 744+30
 LAT: 38.57828
 LONG: -89.93339

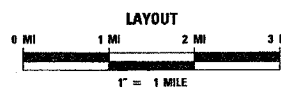


RESURFACING OMISSION
 STA 912+26.10 TO STA 914+25.72
 SN 082-0183 AND SN 082-0184
 DECK SEALING

PROJECT END
 STA. 948+15
 LAT: 38.56899
 LONG: -89.86250

SN 082-0344 DECK SEALING
 SN 082-0181 MICRO SILICA OVERLAY
 SN 082-0182 MICRO SILICA OVERLAY

GROSS LENGTH: 3.804 MILES
 NET LENGTH: 3.766 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 29, 2005
May 13, 2005
May 13, 2005

Deputy Director of Highways
 Region Five Engineer
 Engineer of Design and Environment
 Director, Division of Highways

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

CONTRACT NO. 76813

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	2
STA.		TO STA.		
CONTRACT NO.: 76813				

INDEX OF SHEETS

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-6 SUMMARY OF QUANTITIES
- 7 PATCHING SCHEDULES AND DETAILS
- 8 MISCELLANEOUS SCHEDULES
- 9 PAVEMENT MARKING SCHEDULE AND DETAILS
- 10-14 TYPICAL SECTIONS
- 15-16 TIE POINTS
- 17 JOINT DETAILS
- 18 MISCELLANEOUS DETAILS
- 19-36 PLAN VIEW SHEETS
- 37-55 PAVEMENT MARKING SHEETS
- 56-58 STRUCTURE PLANS - SN 082-0344
- 59-69 STRUCTURE PLANS - SN 082-0181
- 70-80 STRUCTURE PLANS - SN 082-0182
- 81-89 STRUCTURE PLANS - SN 082-0183 AND SN 082-0184

GENERAL NOTES

1. THE STANDARDS AND REVISIONS LISTED APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMERENIP (ELECTRIC AND GAS)
 - CASEYVILLE TOWNSHIP ADVANCED WASTEWATER TREATMENT SYSTEM
 - CHARTER COMMUNICATIONS, INC.
 - CITY OF O'FALLON (SANITARY SEWER AND WATER)
 - QUEST COMMUNICATIONS
 - SBC
 - VILLAGE OF SHILOH (WATER).

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY •. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
3. IF SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTILL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN IN THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
5. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT ENTRANCES AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLORESCENT ORANGE. THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.

COMMITMENTS

NONE

HIGHWAY STANDARDS

280001-02	701201-02
442001-02	701316-03
642001-01	701400-02
601001	701401-03
601101	701411-03
630001-05	701421-01
630301-03	701422-01
635001	701601-04
635006-02	702001-05
635011-01	780001-01
631033-01	781001-02

6. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE	STONE MATRIX ASPH	BINDER	LEVEL BINDER	PART. DEPTH PATCHING	I-64 SHOULDERS	TOPLIFT SHOULDERS	INCIDENTAL SURFACE
AC/PG	SBS-PG 76-22	SBS 70-22	SBS 70-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
RAP% (MAX)	0%	0%	0%	0%	30%	30%	0%
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=105	4.0% @ Ndes=105	4.0% @ Ndes=105	2.0% @ Ndes=30	**2.0% @ Ndes=30	4.0% @ Ndes=105
MIX COMPOSITION (GRADATION MIXTURE)							
FRICITION AGG	SMA	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"	BAM	BAM	MIXTURE "C"

- **TOPLIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOID AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.
- PLAN QUNTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB./SQ YD/IN THICKNESS.

7. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT AT BRIDGES SN 082-0181 AND SN 082-0182:

MIXTURE USE	SHOULDER (BINDER)	BIT. TAPER (SURF.)
AC/PG	PG 64-22	PG 64-22
RAP% (MAX)	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 19.0	
FRICITION AGG	MIXTURE "B"	MIXTURE "D"

8. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.4, EXCEPT FERTILIZER NUTRIENTS WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED AS INCLUDED IN THE COST OF THE CLASS 2 SEEDING.
9. QUANTITY FOR THE PIPE UNDERDRAIN 4" IS BASED ON THE TOTAL LENGTH OF THE PROJECT MULTIPLIED BY A FACTOR OF FOUR. PIPE UNDERDRAIN 4" SPECIAL QUANTITY IS BASED PER ARTICLE 601.04 OF THE STANDARD SPECIFICATIONS, OUTLETTED AT 500' SPACING AND A LENGTH OF 20' PER OUTLET.
10. THIS SECTION CONTAINS FOUR STATION EQUATIONS:
 PCC STA 759+62.23 AH = STA 759+62.08
 POT STA 816+85.16 AH = STA 816+85.58 BK
 PC STA 859+63.70 BK = STA 859+77.63 AH
 POT STA 913+26.32 BK = STA 913+25.94 AH
11. THE WEIGH STATION, WITHIN THE LIMITS OF THIS PROJECT, SHALL REMAIN OPEN DURING THE DURATION OF THIS CONTRACT. USE TRAFFIC CONTROL AND PROTECTION STANDARD 701411.
12. SHOULDER WIDENING FOR THE TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) SHALL BE INCLUDED IN THE UNIT PRICE OF THE TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) AND CONSTRUCTED ACCORDING TO STANDARD 630301.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STANDARDS, GENERAL NOTES
 AND COMMITMENTS**
 FAI 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

6/25/2005
 4:25:2005
 REF

SUMMARY OF QUANTITIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-RS-1, 82-NB-1, 21	ST. CLAIR	89	3
STA. TO STA.				
CONTRACT NO.: 76813				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I-64 MAINLINE	GREENMOUNT RD	S. LINCOLN AVE	N. MAIN STREET	IL RTE 158 (SB)	IL RTE 158 (NB)
				I000	SN 082-0344 SFTY-2A	(FAS 843) SN 082-0181 X771-2A	(FAS 844) SN 082-0182 X771-2A	(FAP 674) SN 082-0183 SFTY-2A	(FAP 674) SN 082-0184 SFTY-2A
20200100	EARTH EXCAVATION	CU YD	93			45	48		
20400800	FURNISHED EXCAVATION	CU YD	569	569					
25000200	SEEDING, CLASS 2	ACRE	0.5	0.5					
25100115	MULCH, METHOD 2	ACRE	0.5	0.5					
28100201	STONE RIPRAP, CLASS A1	TON	291			59	64	84	84
28100205	STONE RIPRAP, CLASS A3	TON	258			52	58	74	74
28200400	FILTER FABRIC	SQ YD	1038			208	230	300	300
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	65	65					
40600300	AGGREGATE (PRIME COAT)	TON	311.5	311.5					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13.1	13.1					
40600895	CONSTRUCTING TEST STRIP	EACH	2	2					
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	2014	2014					
40600990	TEMPORARY RAMP	SQ YD	308.2	308.2					
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	108.3	108.3					
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	578	578					
44004250	PAVED SHOULDER REMOVAL	SQ YD	335			163	172		
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	247	247					
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	185	185					
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	750	750					
44213000	PATCHING REINFORCEMENT	SQ YD	1181	1181					
44213200	SAW CUTS	FOOT	4660	4660					
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1873	1873					
45100100	CRACK ROUTING (PAVEMENT)	FOOT	220					110	110
45100200	CRACK FILLING	POUND	3185	3185				100	100
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2750	2750					
48202090	BITUMINOUS SHOULDERS SUPERPAVE 2 1/2"	SQ YD	14009.1	14009.1					
48202115	BITUMINOUS SHOULDERS SUPERPAVE 3 3/4"	SQ YD	71721.7	71721.7					
50104000	BRIDGE RAIL REMOVAL	FOOT	1987			474	497	508	508
50300100	FLOOR DRAINS	EACH	14			6	8		
50300120	PREFORMED JOINT SEAL 2 1/2"	FOOT	210					105	105
50300225	CONCRETE STRUCTURES	CU YD	8.2			3.9	4.3		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	44.3			10.6	11.1	11.3	11.3
50300260	BRIDGE DECK GROOVING	SQ YD	2364			1157	1207		
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	24			12	12		
50301245	FORMED CONCRETE REPAIR (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	66			12	11	43	

DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME

SUMMARY OF QUANTITIES

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR-1, 82-7B-1, 2	ST. CLAIR	89	4
STA. TO STA.				
CONTRACT NO.: 76813				

SUMMARY OF QUANTITIES			URBAN 90/FED/10/STATE	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I-64 MAINLINE I000	GREENMOUNT RD SN 082-0344 SFTY-2A	S. LINCOLN AVE (FAS 843) SN 082-0181 X771-2A	N. MAIN STREET (FAS 844) SN 082-0182 X771-2A	IL RTE 158 (SB) (FAP 674) SN 082-0183 SFTY-2A	IL RTE 158 (NB) (FAP 674) SN 082-0184 SFTY-2A
50301250	FORMED CONCRETE REPAIR (DEPTH GREATER THAN 5")	SQ FT	20			5	5	10	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3120			1560	1560		
50500715	JACK AND REMOVE EXISTING BEARINGS	EACH	36			18	18		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11910			3190	3320	2700	2700
58700200	BRIDGE SEAT SEALER	SQ FT	441			193	248		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	150	150					
60100074	SHOULDER REMOVAL AND REPLACEMENT 8"	FOOT	70,588	70,588					
60107600	PIPE UNDERDRAINS 4"	FOOT	75388	75388					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	3000	3000					
60260100	INLETS TO BE ADJUSTED	EACH	2	2					
*63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1875	187.5		462.5	575	325	325
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2					
*63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	12			4	4	2	2
*63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	10			4	4	1	1
*63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	7	5				1	1
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	2750	425		725	900	350	350
63500105	DELINEATORS	EACH	313	313					
63500120	DELINEATOR REMOVAL	EACH	313	313					
64200105	SHOULDER RUMBLE STRIP	FOOT	80688	80688					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	0.5	0.1	0.1	0.1	0.1	0.1
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	2			1	1		
70100305	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	L SUM	1	1					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1					0.5	0.5
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1					0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	16	14				1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			0.5	0.5		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1					
70102670	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601, SPECIAL	L SUM	1		1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10			5	5		

QUANTITY
DATE-TIME
QUANTITY
DATE-TIME
QUANTITY
DATE-TIME

*SPECIALTY ITEMS

Rev.

PLOT DATE: DATE-TIME

SUMMARY OF QUANTITIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-TR-1, 82-TR-1, 21	ST. CLAIR	89	5
STA. TO STA.				
CONTRACT NO.: 76813				

SUMMARY OF QUANTITIES			URBAN 90% FED / 10% STATE	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I-64 MAINLINE I000	GREENMOUNT RD SN 082-0344 SFTY-2A	S. LINCOLN AVE (FAS 843) SN 082-0181 X771-2A	N. MAIN STREET (FAS 844) SN 082-0182 X771-2A	IL RTE 158 (SB) (FAP 674) SN 082-0183 SFTY-2A	IL RTE 158 (NB) (FAP 674) SN 082-0184 SFTY-2A
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2			1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	33,646	33,646					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	231,412	231,412					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	22,956	22,956					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2464	2464					
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	115706	115706					
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	22,773	22,773					
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1638			970	668		
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1366			1028	338		
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1138	1134		4			
*78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4			4			
*78200405	GUARDRAIL MARKERS	EACH	56	8		16	16	8	8
*78200520	BARRIER WALL MARKERS, TYPE B	EACH	16			8	8		
*78200530	BARRIER WALL MARKERS, TYPE C	EACH	16			8	8		
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	17	5		4	4	2	2
78300100	PAVEMENT MARKING REMOVAL	SQ FT	492			353	139		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	638	630		8			
X0320887	POLYMER CONCRETE	CU FT	30			15	15		
X0322379	CONCRETE SEALER	SQ YD	5692		2262			1715	1715
X0322729	MATERIAL TRANSFER DEVICE	TON	27,770	27,770					
X0322932	SILICONE JOINT SEALER, 1.5"	FOOT	192			95	97		
X0301424	SILICONE JOINT SEALER	FOOT	149			49	100		
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	28			14	14		
X4066570	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, SUPERPAVE, N80	TON	11736	11736					
X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	337			164	173		
X4066660	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105	TON	13,555	13,555					
X4066920	POLYMERIZED LEVELING BINDER (MACHINE METHOD) SUPERPAVE N105	TON	2,479	2,479					
X4421000	PARTIAL DEPTH PATCHING	TON	209.7	209.7					
X4422025	PARTIAL DEPTH REMOVAL 2"	SQ YD	1872.2	1872.2					
*XX004684	REPAIR AND REPLACE DAMAGED CONDUIT	FOOT	2					1	1
XZ193500	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/4"	SQ YD	2480			1214	1266		

DATE-TIME
CON-SPEC
REF

* SPECIALTY ITEMS

PLOT DATE: DATE-TIME

Rev.

SUMMARY OF QUANTITIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR-1, 82-NB-1, 2	ST. CLAIR	89	6
STA. TO STA.		CONTRACT NO.: 76813		

SUMMARY OF QUANTITIES			URBAN 90% FED./10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		I-64 MAINLINE I000	GREENMOUNT RD SN 082-0344 SFTY-2A	S. LINCOLN AVE (FAS 843) SN 082-0181 X771-2A	N. MAIN STREET (FAS 844) SN 082-0182 X771-2A	IL RTE 158 (SB) (FAP 674) SN 082-0183 SFTY-2A	IL RTE 158 (NB) (FAP 674) SN 082-0184 SFTY-2A
Z0006204	BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	2480			1214	1266		
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	12			5	7		
△ Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1					1	
△ Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1					1	
Z0075300	TIE BARS	EACH	278	278					
XX005977	CONTROLLED LOW-STRENGTH MATERIALS	CU. YD.	1.0					0.5	0.5
⊙ Z0076600	TRAINEES	HOUR	500	500					

•••••
•DATE-TIME•
•CON-SPEC•
•REF•

⊙ Y080

△ SFTY-3N

PLOT DATE: •DATE-TIME•

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	8
STA.		TO STA.		
CONTRACT NO.: 76813				

RESURFACING SCHEDULE																
STATION	STATION	LENGTH	LANE WIDTH	TOTAL LANES	TOTAL WIDTH	AREA	BINDER 2 1/4"	LEVEL BINDER 1"	BIT SURFACE 1 1/2"	BIT (PRIME)	AGG. (PRIME)	BIT. SHLDRS. - RESURFACING - 3 3/4"		BIT. SHLDRS. - RESURFACING - 2 1/2"		AGG. SHLDRS. TYPE - B
		(FT)	(FT)		(FT)	SQ. YD.	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS
MAINLINE																
744+30	744+40	10.0	12	4	48	53.33	6.7		5.2	0.0	0.1	13.3	22.2			1.0
744+40	759+62.08	1522.1	12	4	48	8117.76	1022.8		681.9	3.4	16.2	2029.4	3382.4			157.8
759+62.23	816+85.58	5723.4	12	4	48	30524.53	3846.1		2584.1	12.7	61.0	7631.1	12718.6			593.5
816+85.16	859+63.7	4278.5	12	4	48	22818.88	2875.2		1918.8	9.5	45.6	5704.7	9507.9			443.7
859+77.63	912+26.1	5248.5	12	4	48	27991.84	3527.0		2351.3	11.7	58.0	6998.0	11663.3			544.3
914+25.72	948+05	3379.3	12	4	48	18022.83	2270.9		1513.9	7.5	36.0	4505.7	7509.5			350.4
948+05	948+15	10.0	12	4	48	53.33	6.0		4.5	0.0	0.1	13.3	22.2			1.0
SUBTOTAL																
10% EXIST. LOW AGG. SHLDR																
RAMPS @ GM																
S.W.		1002.6	16	1	16	1782.40		224.6	149.7	1.1	5.3					
N.W.		481.9	16	1	16	856.71		107.9	72.0	0.5	2.6					
S.E.		1085.8	16	1	16	1930.31		243.2	162.1	1.2	5.8					
N.E.		410.3	16	1	16	729.42		91.9	61.3	0.5	2.2					
RAMPS @ W.S.																
S.W.		771.8	16	1	16	1372.09		172.9	115.3	0.9	4.1					
S.E.		1711.5	16	1	16	3042.67		383.4	256.6	1.9	9.1					
RAMPS @ 158																
RAMP A		1858.6	16	1	16	3304.18		185.0	277.6	2.1	9.9		826.0	1239.1		66.3
RAMP B		1214.8	16	1	16	2159.64		120.9	181.4	1.4	6.5		539.9	809.9		43.3
RAMP C		1962.9	16	1	16	3489.60		195.4	293.1	2.2	10.5		872.4	1308.6		70.0
RAMP D		1270.1	16	1	16	2257.96		126.4	189.7	1.4	6.8		564.5	848.7		45.3
RAMP E		1885.5	16	1	16	3352.00		187.7	281.6	2.1	10.1		838.0	1257.0		67.2
RAMP F		1225.0	16	1	16	2177.78		122.0	182.9	1.4	6.5		544.4	816.7		43.7
RAMP G		1915.7	16	1	16	3405.69		190.7	286.1	2.1	10.2		851.4	1277.1		68.3
RAMP H		1275.6	16	1	16	2267.73		127.0	190.5	1.4	6.8		566.9	850.4		45.5
SUB TOTAL																
TOTALS																
							13554.7	2479.1	11736.4	85.0	311.5	71721.7	14009.1	2750		

* LEVEL BINDER THICKNESS ON RAMPS AT IL RTE. 158 SHALL BE 1"
SEE RESURFACING TRANSITION DETAIL ON SHEET 17

GUARDRAIL SCHEDULE								
LOCATION	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL	TRAFFIC BARRIER TERMINAL TYPE 1 (SPL) TANGENT	TRAFFIC BARRIER TERMINAL TYPE 1 (SPL) FLARED	TRAFFIC BARRIER TERMINAL TYPE 2	TRAFFIC BARRIER TERMINAL TYPE 6B	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL MARKERS
	FT	FT	EACH	EACH	EACH	EACH		
I-64 MAINLINE								
STATION	STATION							
815+65	817+15	137.5		1	1		1	4
816+55	818+05	137.5		1	1		1	4
882+27.5	882+90	50		1			1	
911+63	912+13	50		1			1	
914+39	914+89	50		1			1	
S. LINCOLN ST. - SN 082-0181								
NE QUAD	162.5	100	1			1	1	4
SE QUAD	200	162.5	1			1	1	4
NW QUAD	162.5	100	1			1	1	4
SW QUAD	200	100	1			1	1	4
N. MAIN ST. - SN 082-0182								
NE QUAD	225	112.5	1			1	1	4
SE QUAD	225	175	1			1	1	4
NW QUAD	225	175	1			1	1	4
SW QUAD	225	112.5	1			1	1	4
IL 158 SOUTHBOUND - SN 082-0183								
NE QUAD	187.5	200		1		1	1	4
NW QUAD	162.5	125	1			1	1	4
IL 158 NORTHBOUND - SN 082-0184								
SE QUAD	187.5	200	1			1	1	4
SW QUAD	162.5	125		1		1	1	4
TOTALS	2750	1875	10	7	2	12	17	56

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS SCHEDULES
 FAI 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

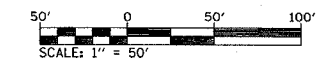
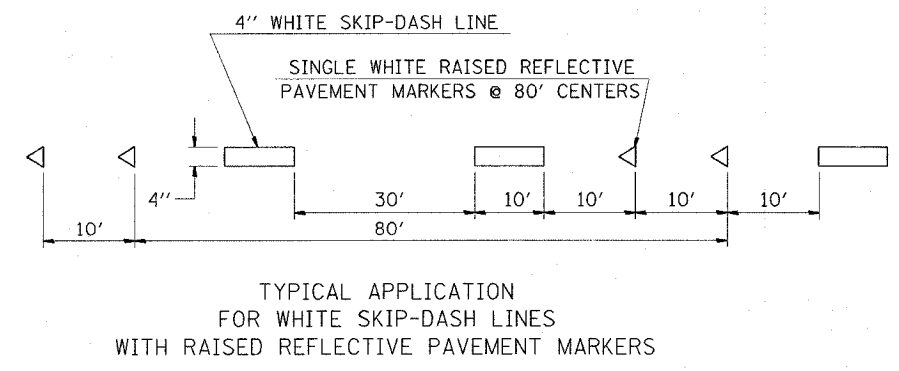
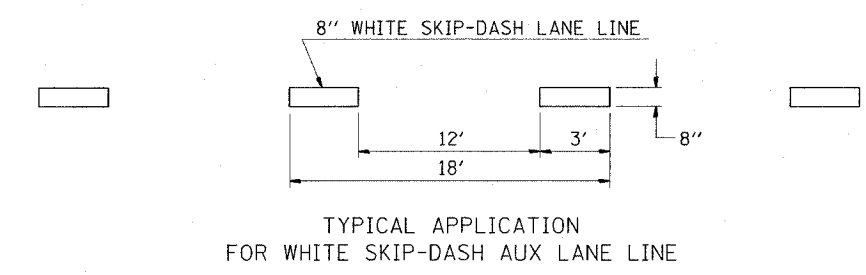
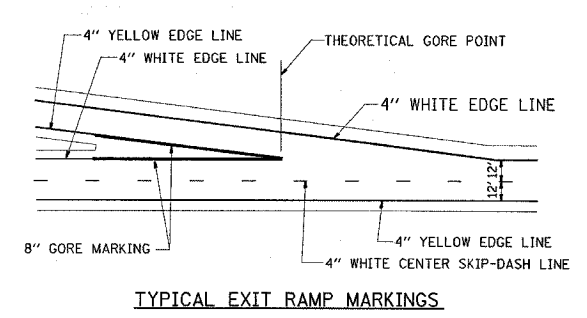
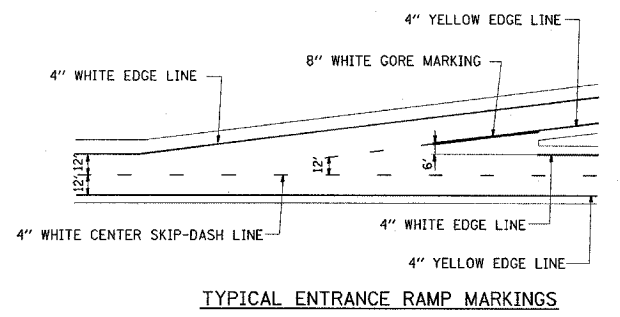
PLOT DATE: 4/26/2005

DATE: 4/26/2005
 REF: 082-0181-0184
 REF: 082-0181-0184

PAVEMENT MARKING SCHEDULE

LOCATION	LENGTH (FT)	THERMOPLASTIC				POLYUREA			PAINT		SKIP-DASH YELLOW 4"	RAISED REFLECTIVE PAVEMENT MARKERS				•WORK ZONE PAVEMENT MARKING REMOVAL (SQ. FT)	BARRIER WALL MARKERS		
		SKIP-DASH WHITE 4" (CENTERLINE) (FT)	SOLID LINE 4"		SKIP-DASH WHITE 8" (FT)	SOLID LINE 4"		SKIP-DASH YELLOW 4" (FT)	SOLID LINE 4"			BRIDGE (EACH)	AMBER TWO-WAY (EACH)		CRYSTAL ONE-WAY (EACH)		REMOVAL (EACH)	TYPE, B (EACH)	TYPE, C (EACH)
			(YELLOW) (FT)	(WHITE) (FT)		(YELLOW) (FT)	(WHITE) (FT)		(YELLOW) (FT)	(WHITE) (FT)									
MAINLINE																			
STA. 744+30 TO 948+15 (E.B.)	20172	5043	20172	13577															
STA. 744+30 TO 948+15 (W.B.)	20172	5043	20172	16688															
STA. 911+64.11 TO 916+79.45 (EB)	515																		
STA. 910+63.54 TO 914+67.09 (WB)	404																		
EASTBOUND																			
STA. 744+30 TO 747+89.63	360																		
STA. 820+33.3 TO 824+70.70	437																		
STA. 894+58.4 TO 898+97.63	4939																		
STA. 916+79.45 TO 918+03.77	124																		
WESTBOUND																			
STA. 744+53.25 TO 778+29.88	377																		
STA. 908+93.6 TO 910+63.54	170																		
STA. 927+33.6 TO 931+61.91	428																		
EASTBOUND																			
STA. 744+30 TO 748+60.13	430																		
STA. 769+18.55 TO 775+41.47	623																		
STA. 820+33.3 TO 824+70.75	437																		
STA. 854+49.0 TO 862+54.10	805																		
STA. 894+58.4 TO 898+96.22	438																		
STA. 910+89.3 TO 911+64.11	75																		
STA. 916+79.45 TO 917+95.04	116																		
STA. 925+44.0 TO 931+29.52	585																		
WESTBOUND																			
STA. 744+30 TO 749+94.60	455																		
STA. 774+52.0 TO 778+29.88	378																		
STA. 895+60.8 TO 900+28.25	467																		
STA. 908+93.6 TO 910+63.54	170																		
STA. 914+67.09 TO 916+42.25	176																		
STA. 927+33.6 TO 931+61.91	428																		
GREENMOUNT RD RAMPS																			
RAMP 1 (S.W.)			14	452	875														
RAMP 2 (S.E.)				1283	1292														
RAMP 3 (N.W.)				590	775														
RAMP 4 (N.E.)				466	938														
RAMPS TO WEIGH STATION																			
RAMP 1 (S.W.)			65	708	745														
RAMP 2 (S.E.)			65	2378	1482														
IL 158 RAMPS																			
RAMP A (SB 158 TO WB 64)			1740	2926	858														
RAMP B (WB 64 TO SB 158)			1151	1524	354														
RAMP C (EB 64 TO SB 158)			1962	2613	799														
RAMP D (SB 158 TO EB 64)			1208	1334	315														
RAMP E (NB 158 TO EB 64)			2960	1745	1176														
RAMP F (EB 64 TO NB 158)			1103	1514	260														
RAMP G (WB 64 TO NB 158)			1944	2599	1144														
RAMP H (NB 158 TO WB 64)			1207	1462	411														
S.N. 082-0181						514	514		808	162		4	4		8		8		
S.N. 082-0182						268		70	618		50						8		
COLUMN TOTALS:		10086	53761	51859	22589	184	782	514	70	1426	162	50							
TOTALS			115706		22773		1366			1638		4	4	1134	638	2464	16		

* ALL QUANTITIES WHERE SQUARED BY .333 (4/12)



REVISIONS	
NAME	DATE

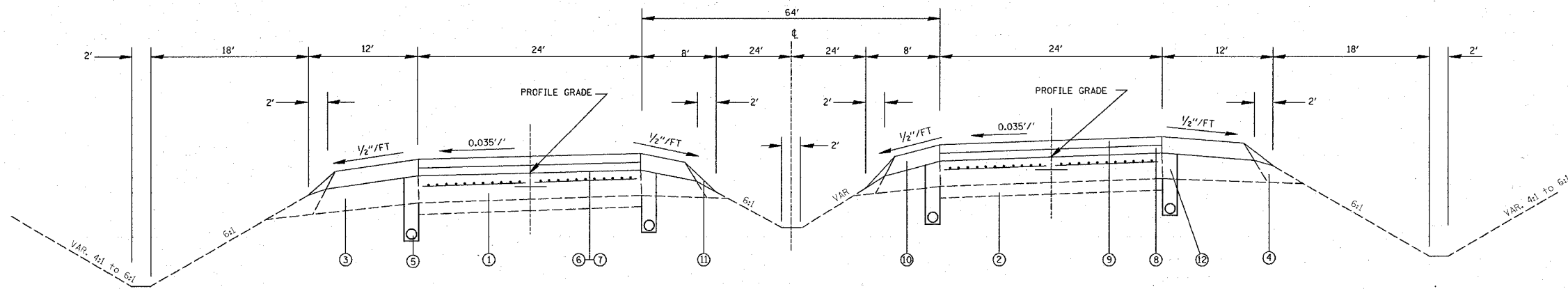
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 21
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: 4/26/2005

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 #TIME# 10:05:30
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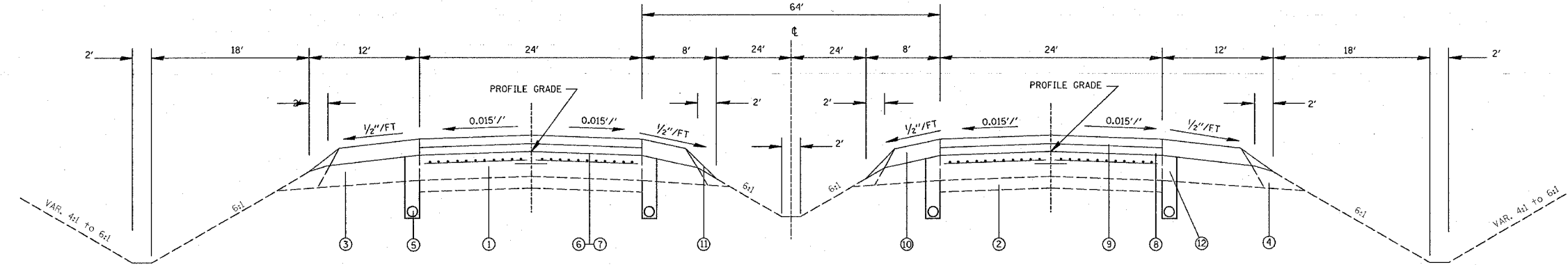
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR8-1, 82-7HB-1, 21	ST. CLAIR	89	10
STA. TO STA.		CONTRACT NO.: 76813		

DATE	
BY	
DESIGNED	
PLANNED	
PLOTTED	
CHECKED	
IN CHARGE	
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CAD FILE NAME	

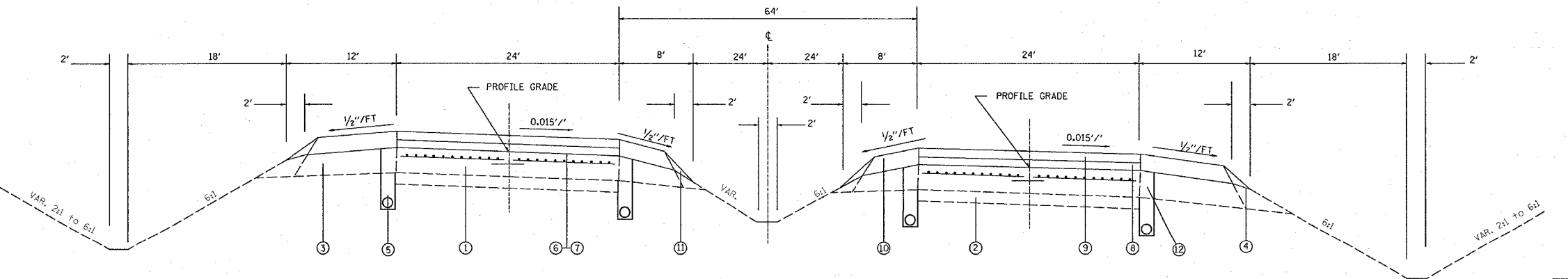


TYPICAL SECTION I-64
STA. 744+15 TO STA. 782+26.74

- LEGEND**
- ① EXISTING CONT. REINFORCED P.C.C. PAVEMENT 8"
 - ② EXISTING STABILIZED SUB-BASE 4"
 - ③ EXISTING STABILIZED SHOULDERS 8"
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ PROPOSED PIPE UNDERDRAINS 4"
 - ⑥ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑦ PROPOSED AGGREGATE (PRIME COAT)
 - ⑧ PROPOSED BITUMINOUS BINDER COURSE, N=105, 2 1/4"
 - ⑨ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, 1 1/2"
 - ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE
 - ⑪ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
 - ⑫ PROPOSED SHOULDER REMOVAL AND REPLACEMENT 8"



TYPICAL SECTION I-64
STA. 784+26.74 TO STA. 858+48.21
STA. 904+72.90 TO STA. 945+00



TYPICAL SECTION I-64
STA. 860+48.21 TO STA. 902+72.90

REVISIONS	
NAME	DATE

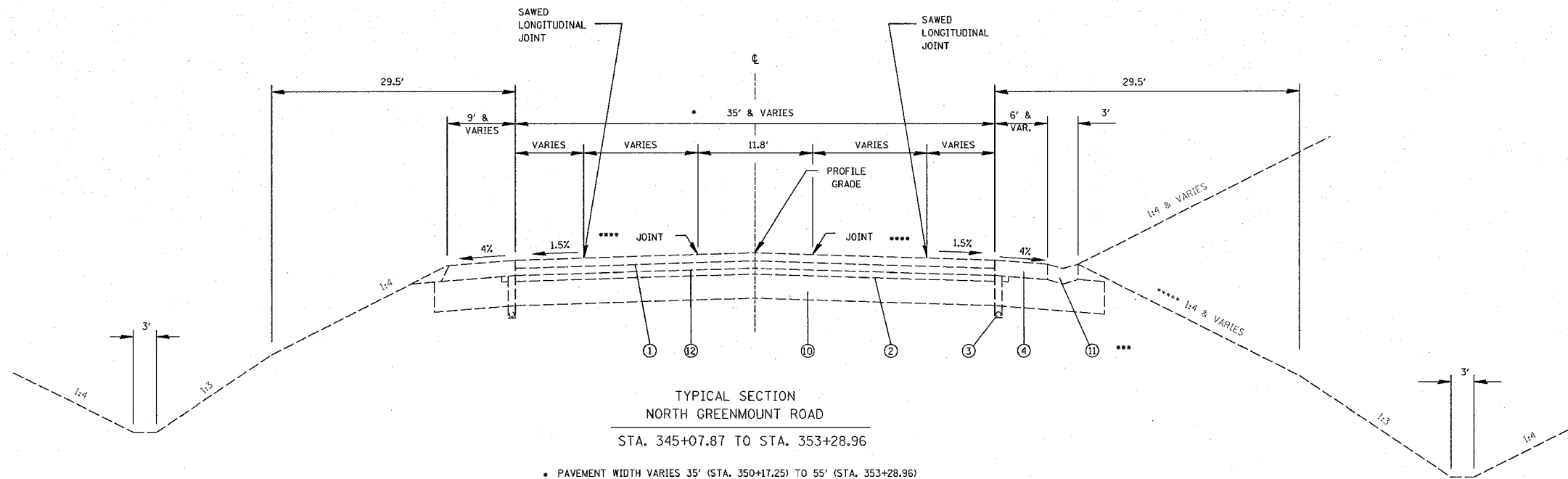
ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED TYPICAL
SECTIONS I-64**
FAI 64
SECTION 82-TR8-1, 82-7HB-1, 21
ST. CLAIR COUNTY
DRAWN BY:

PLOT DATE: *DATE-TIME*

DATE-TIME
CON-SPEC
REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	11
STA.		TO STA.		
CONTRACT NO.: 76813				

DATE	
BY	
REVISIONS	
ALIGNMENT CHECKED	
NOTE BOOK	
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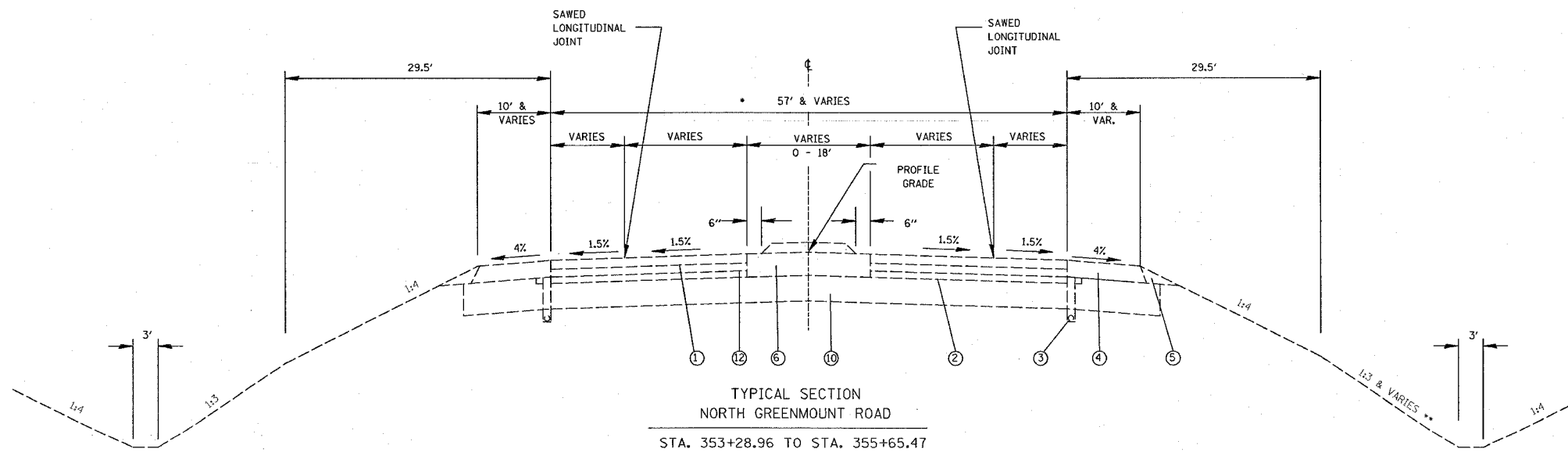


- PAVEMENT WIDTH VARIES 35' (STA. 350+17.25) TO 55' (STA. 353+28.96)
- PROFILE GRADE POINT VARIES 19' RT. (STA. 345+30.84) TO 0' RT. (STA. 348+62.20)
- CONCRETE GUTTER, TYPE A (STA. 345+07.87 RT. TO STA. 347+32.28 RT.)
- CONCRETE GUTTER, TYPE A INLET (STA. 347+32.28 RT. TO STA. 347+44.09 RT.)
- SAWED JOINT LT. OF ϵ & CONSTRUCTION JOINT RT. OF ϵ
- SLOPE VARIES TO AVOID EXCAVATION NEAR EXISTING HIGH PRESSURE GAS MAIN

LEGEND

- ① P.C.C. PAVEMENT JOINTED 9" WITH PAVEMENT FABRIC
- ② STABILIZED SUB-BASE 4"
- ③ PIPE UNDERDRAIN 6"
- ④ BITUMINOUS SHOULDER 9"
- ⑤ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑥ TYPE P SURFACE MEDIAN W/TYPE M-10.15 CCC&G
- ⑦ SM-10.16 (SPECIAL) MEDIAN
- ⑧ GUARDRAIL
- ⑨ BITUMINOUS CURB
- ⑩ LIME MODIFIED SOILS 1'
- ⑪ CONCRETE GUTTER, TYPE A
- ⑫ PAVEMENT FABRIC

- STA. 368+85.43 TO STA. 371+44.62
- PAVEMENT WIDTH VARIES 54' TO 35'
 - CONSTRUCTION JOINT LT. OF ϵ & SAWED JOINT RT. OF ϵ



- PAVEMENT WIDTH VARIES 55' (STA. 352+96.15) TO 57' (STA. 354+45.75)
- SLOPE VARIES TO AVOID EXCAVATION NEAR EXISTING HIGH PRESSURE GAS MAIN

- STA. 365+89.14 TO STA. 368+85.43
- PAVEMENT WIDTH VARIES 57' (STA. 367+18.11) TO 52' (STA. 368+85.43)

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
NORTH GREENMOUNT RD
 FAI 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

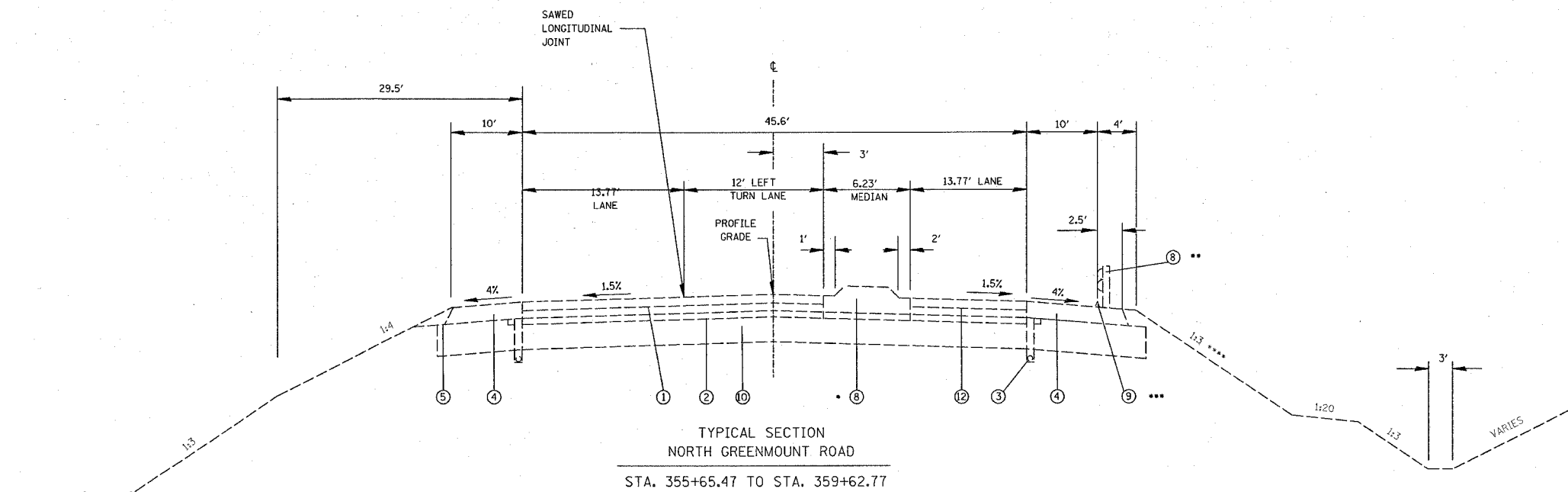
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PLOT DATE: •DATE-TIME•

•ADJUSTED
 •DATE-TIME
 •CON-SPEC
 •REF
 •REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR8-1, 82-7HB-1, 2I	ST. CLAIR	89	12
STA. TO STA.		CONTRACT NO.: 76813		

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO. OF WAY CHECKED	
	FILE NAME	

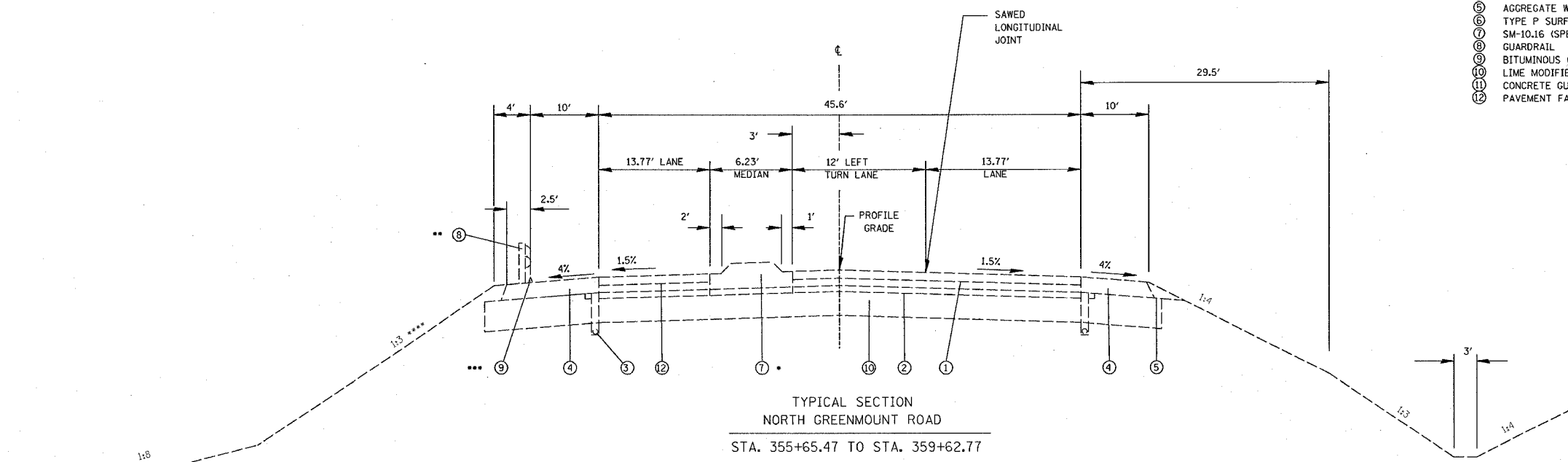


TYPICAL SECTION
NORTH GREENMOUNT ROAD
STA. 355+65.47 TO STA. 359+62.77

- NO SM-10.60 (SPECIAL) MEDIAN THROUGH INTERSECTION STA. 355+65.47 TO 356+52.43
 - EXISTING GUARDRAIL RT. STA. 356+89.25 TO 359+34.33
 - EXISTING BIT. CURB & BIT. STABILIZATION RT. STA. 357+34.19 TO 359+16.08
 - BEHIND GUARDRAIL 1:3 SLOPE
 - ELSEWHERE 1:4 SLOPE TO 30' FROM EOP THEN 1:3 SLOPE
- NOTE: BRIDGE APPROACH PAVEMENT STA. 359+33.24 TO 359+62.77 (30' LENGTH)

LEGEND

- ① P.C.C. PAVEMENT JOINTED 9" WITH PAVEMENT FABRIC
- ② STABILIZED SUB-BASE 4"
- ③ PIPE UNDERDRAIN 6"
- ④ BITUMINOUS SHOULDER 9"
- ⑤ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑥ TYPE P SURFACE MEDIAN W/TYPE M-10.15 CCC&G
- ⑦ SM-10.16 (SPECIAL) MEDIAN
- ⑧ GUARDRAIL
- ⑨ BITUMINOUS CURB
- ⑩ LIME MODIFIED SOILS 1'
- ⑪ CONCRETE GUTTER, TYPE A
- ⑫ PAVEMENT FABRIC



TYPICAL SECTION
NORTH GREENMOUNT ROAD
STA. 355+65.47 TO STA. 359+62.77

- NO SM-10.60 (SPECIAL) MEDIAN THROUGH INTERSECTION STA. 365+10.38 TO STA. 365+89.14
 - EXISTING GUARDRAIL LT. STA. 362+71.39 TO STA. 365+16.48
 - EXISTING BIT. CURB & BIT. STABILIZATION LT. STA. 362+89.65 TO STA. 364+71.53
 - BEHIND GUARDRAIL 1:3 SLOPE
 - ELSEWHERE 1:4 SLOPE TO 30' FROM EOP THEN 1:3 SLOPE
- NOTE: BRIDGE APPROACH PAVEMENT STA. 362+42.95 TO STA. 362+72.48 (30' LENGTH)

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

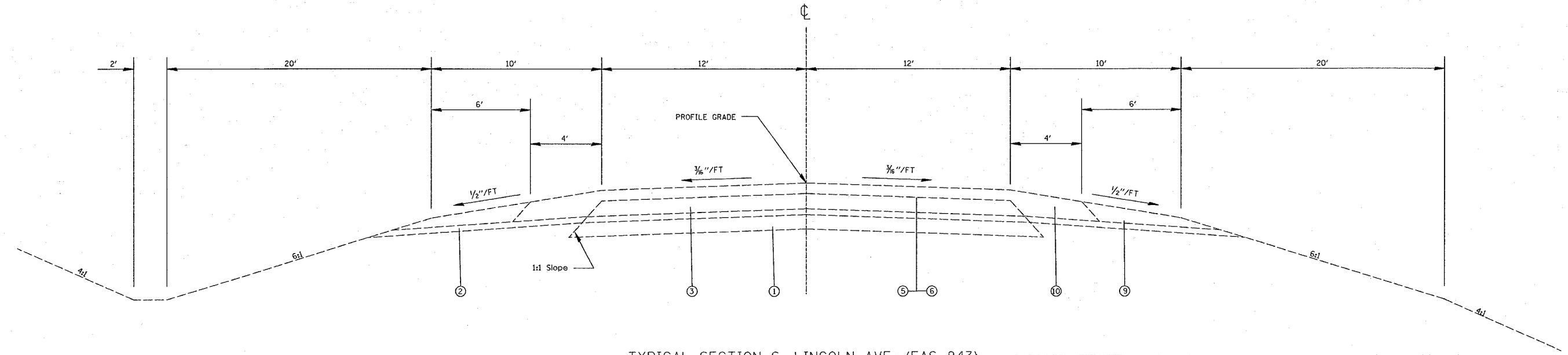
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
NORTH GREENMOUNT RD
FAI 64
SECTION 82-TR8-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
DRAWN BY:

PLOT DATE: *DATE-TIME*

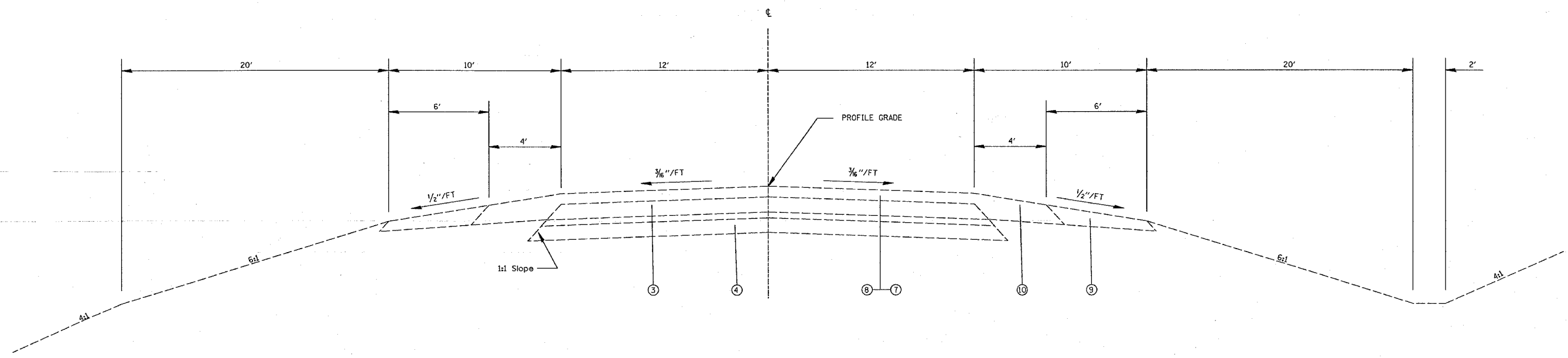
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FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-TR5-1, 82-THB-1, 2I	ST. CLAIR	89	13
STA. _____ TO STA. _____		CONTRACT NO.: 76813		

PLAN	DATE
DESIGNED	
PLOTTED	
CHECKED	
BY	
NO.	



TYPICAL SECTION S. LINCOLN AVE. (FAS 843)
 STA. 32+50.00 TO STA. 38+78.14
 STA. 41+34.33 TO STA. 49+50.00



TYPICAL SECTION N. MAIN STREET (FAS 844)
 STA. 32+50 TO STA. 38+66.521
 STA. 41+33.49 TO STA. 48+00

- LEGEND
- ① EXISTING SUB-BASE GRANULAR MATERIAL TYPE "A", 4 1/2"
 - ② EXISTING SUB-BASE GRANULAR MATERIAL TYPE "C", 4"
 - ③ EXISTING STABILIZED BASE COURSE 8"
 - ④ EXISTING SUB-BASE GRANULAR MATERIAL 4"
 - ⑤ EXISTING BITUMINOUS CONCRETE BINDER COURSE 2"
 - ⑥ EXISTING BITUMINOUS CONCRETE SURFACE COURSE CLASS "T", 2"
 - ⑦ EXISTING BITUMINOUS CONCRETE BINDER COURSE 1/2"
 - ⑧ EXISTING BITUMINOUS CONCRETE SURFACE COURSE CLASS "Z", 1/2"
 - ⑨ EXISTING AGGREGATE SHOULDERS TYPE "A" STD. 2237
 - ⑩ EXISTING STABILIZED SHOULDERS 8" STD. 2237

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

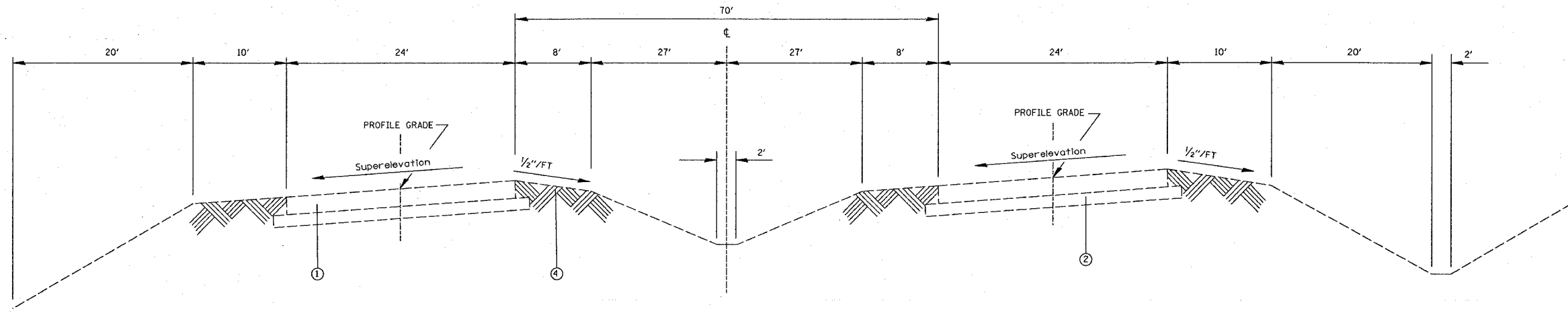
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 S. LINCOLN AVE (FAS 843) &
 N. MAIN STREET (FAS 844)
 FAI 64
 SECTION 82-TR5-1, 82-THB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: *DATE-TIME*

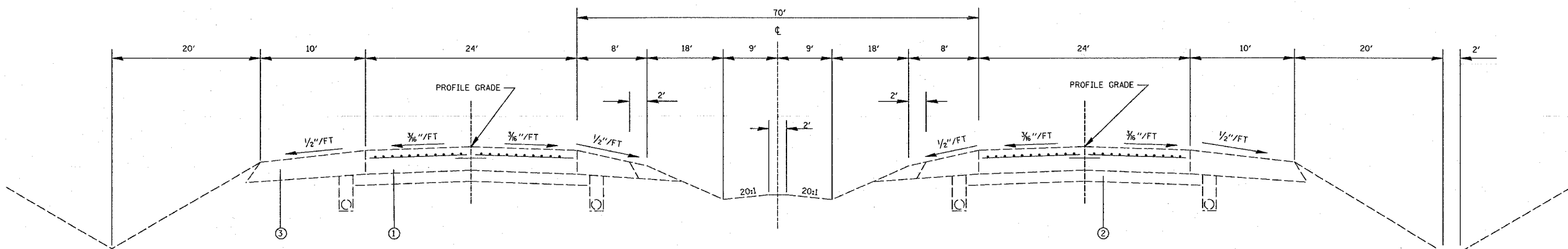
DATE
 DATE-TIME
 SHEET
 REF.

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB-1, 2I	ST. CLAIR	89	14
STA. TO STA.				
CONTRACT NO.: 76813				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	FILED		



TYPICAL SECTION IL 158
 STA. 128+50.00 TO STA. 134+73.81



TYPICAL SECTION IL 158
 STA. 134+73.81 TO STA. 152+26.93
 STA. 154+84.93 TO STA. 176+10.00

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 8"
- ② EXISTING STABILIZED SUB-BASE 4"
- ③ EXISTING STABILIZED SHOULDERS 8"
- ④ EXISTING EARTH SHOULDERS

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 IL RTE 158 (FAP 674)
 FAI 64
 SECTION 82-TRS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

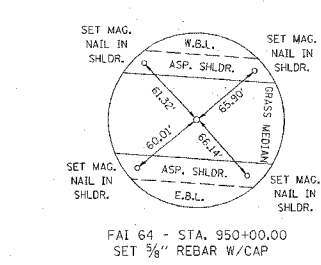
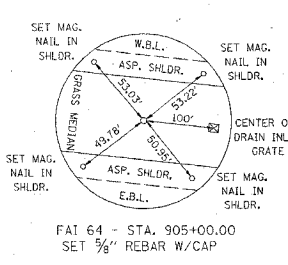
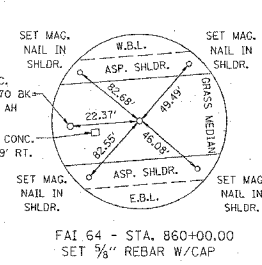
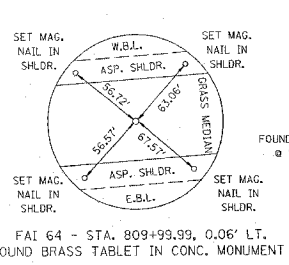
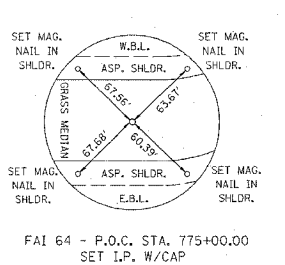
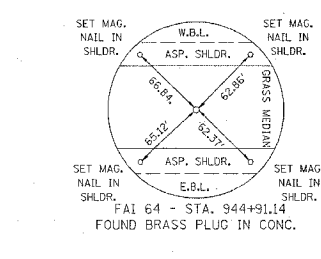
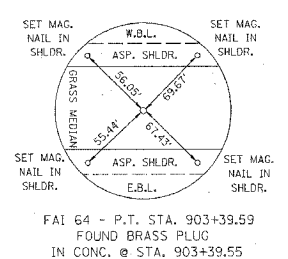
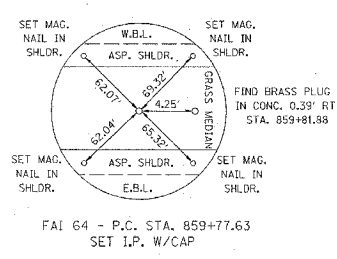
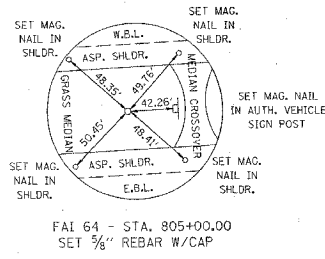
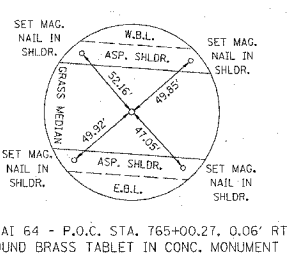
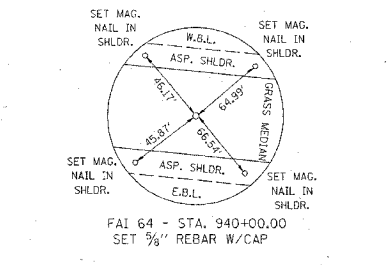
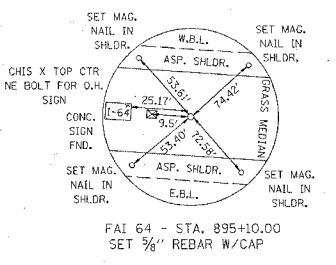
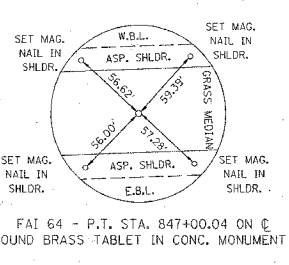
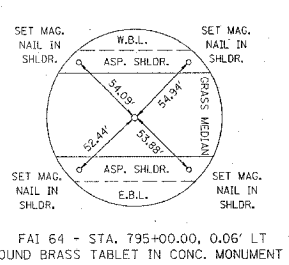
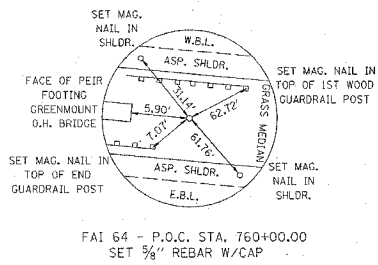
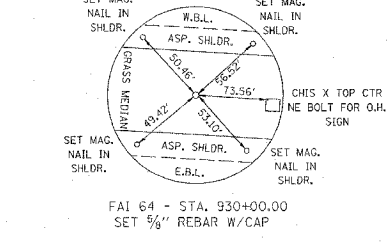
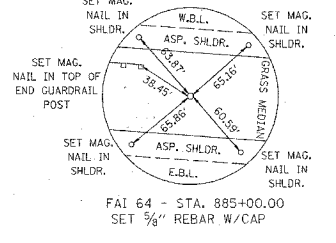
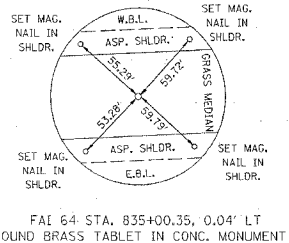
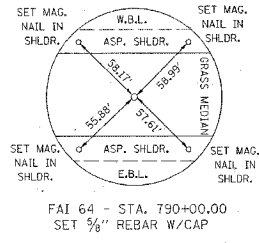
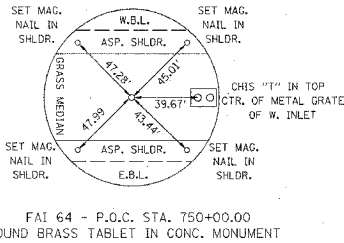
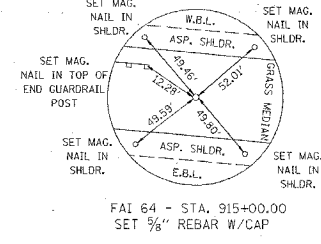
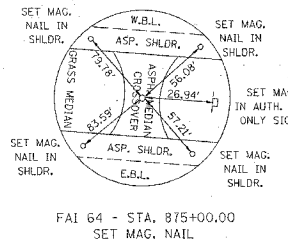
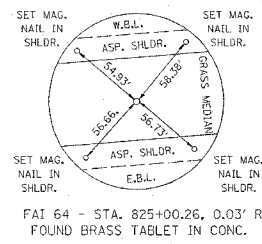
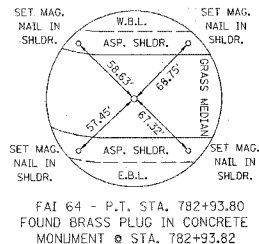
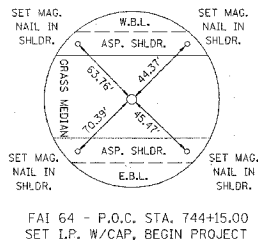
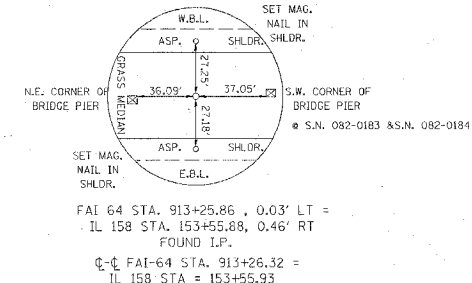
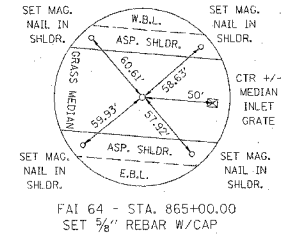
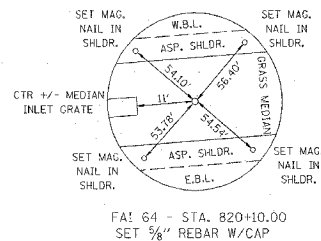
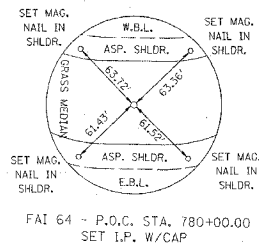
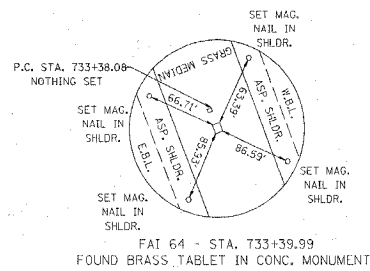
DRAWN BY:

PLOT DATE: *DATE-TIME*

DATE
 TIME
 REF.

DI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-7HB-1, 2I	ST. CLAIR	89	15
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
FILED	CHECKED	
NOTE BOOK	NO. OF WAY CHECKED	
	FIELD FILE NAME	



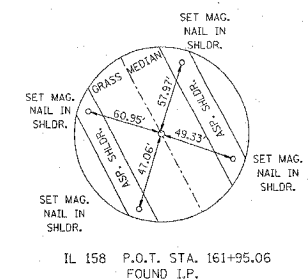
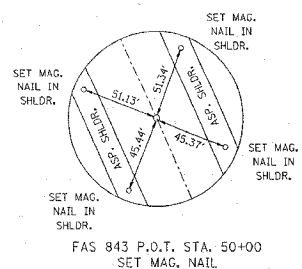
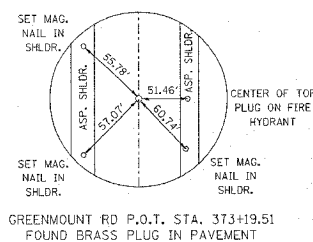
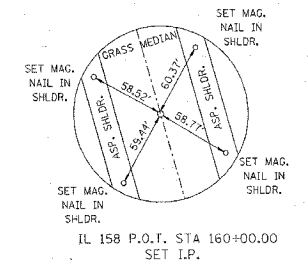
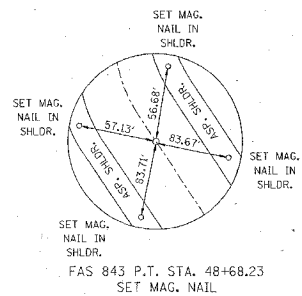
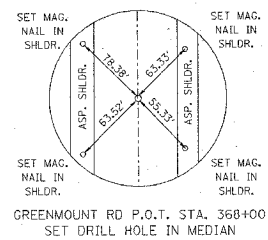
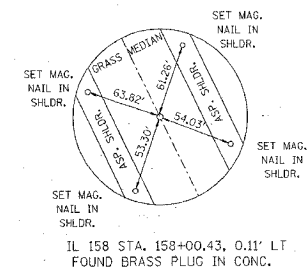
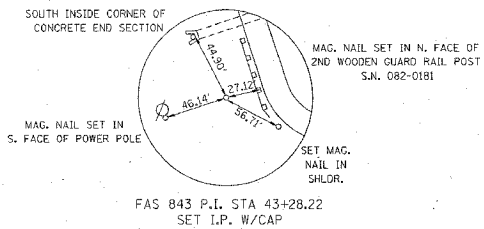
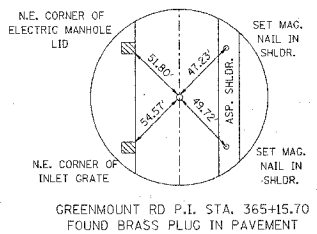
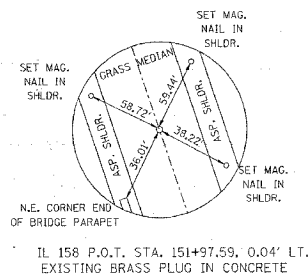
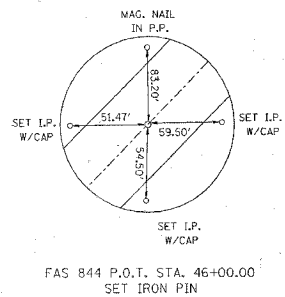
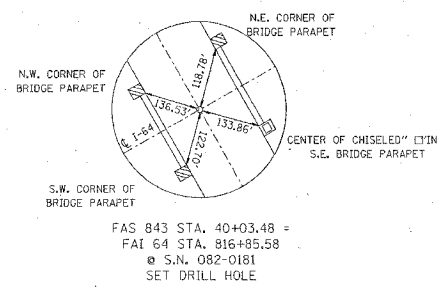
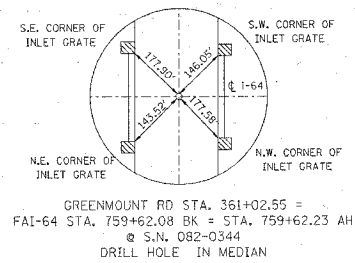
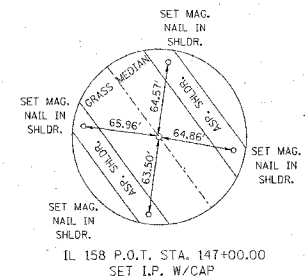
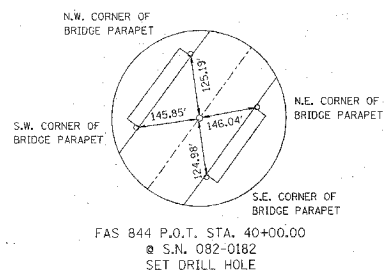
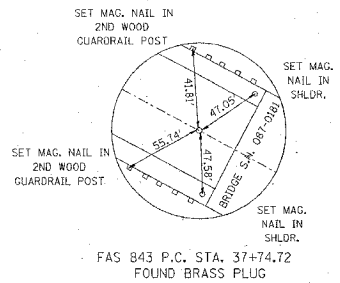
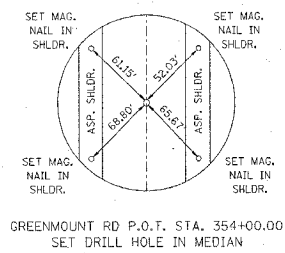
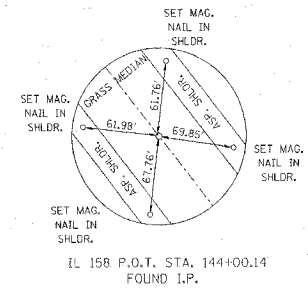
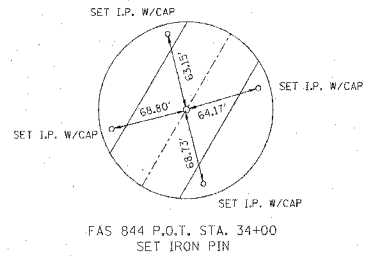
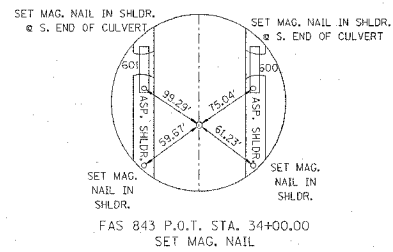
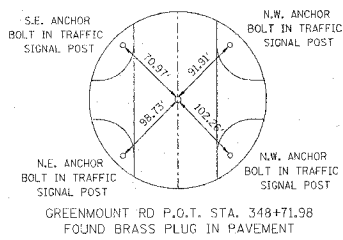
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
I-64 (MAINLINE)
FAI 64
SECTION 82-TR5-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB-1, 21	ST. CLAIR	89	16
STA.		TO STA.		
CONTRACT NO.: 76813				

DATE	
BY	
NO.	
DATE	
BY	
NO.	



DATE TIME
DATE TIME
DATE TIME
DATE TIME

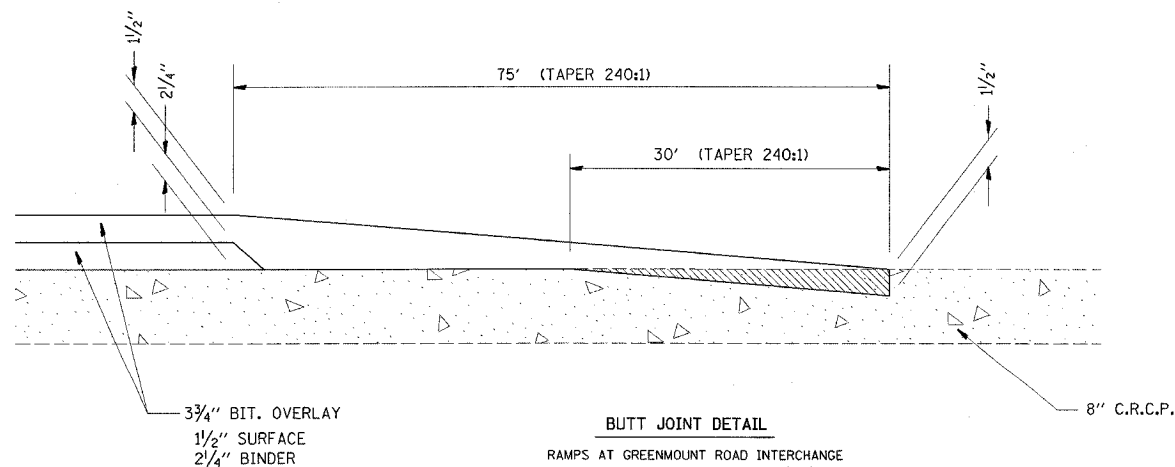
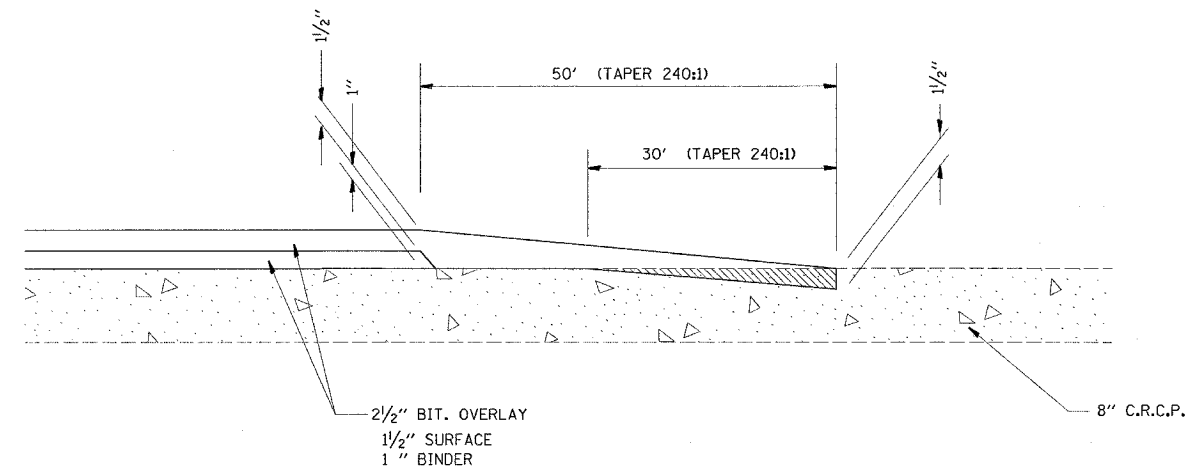
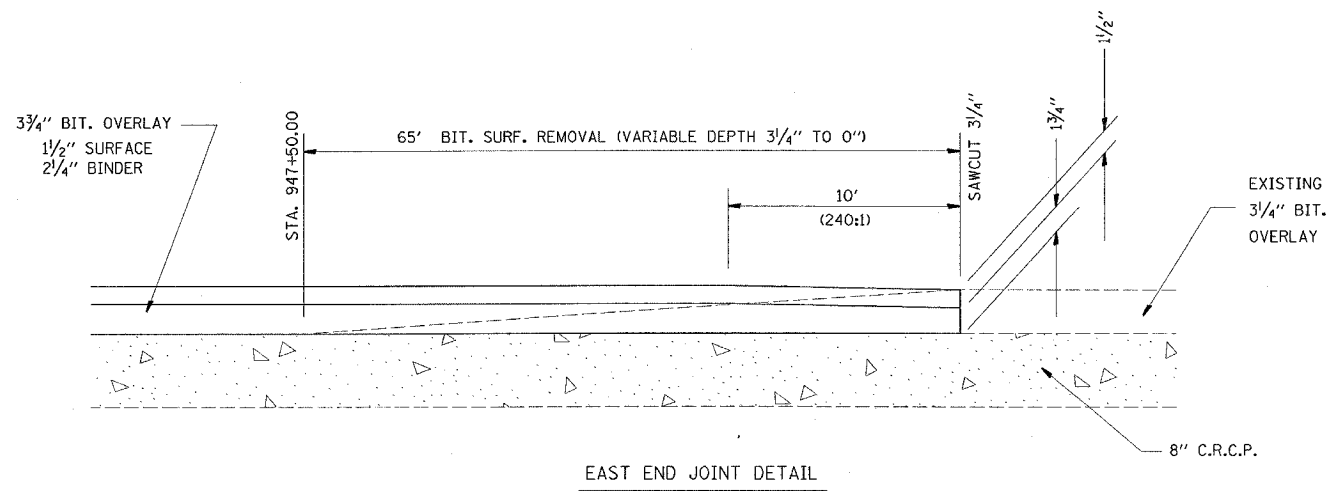
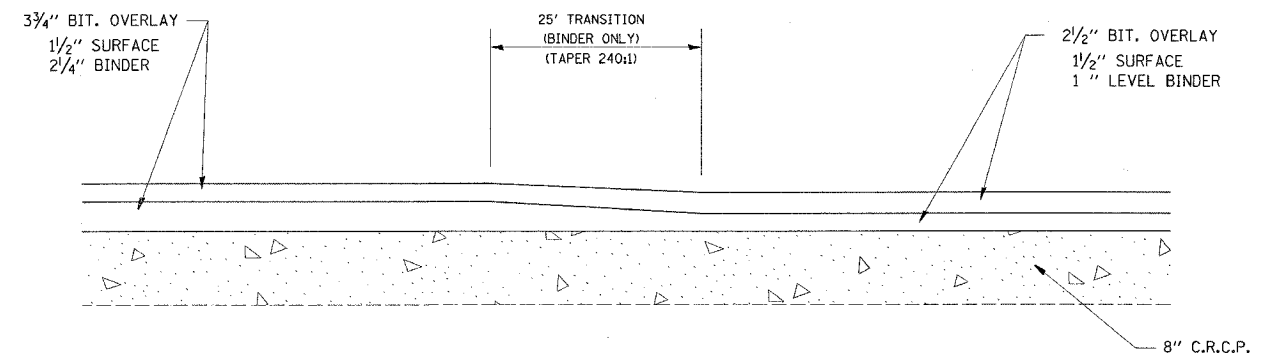
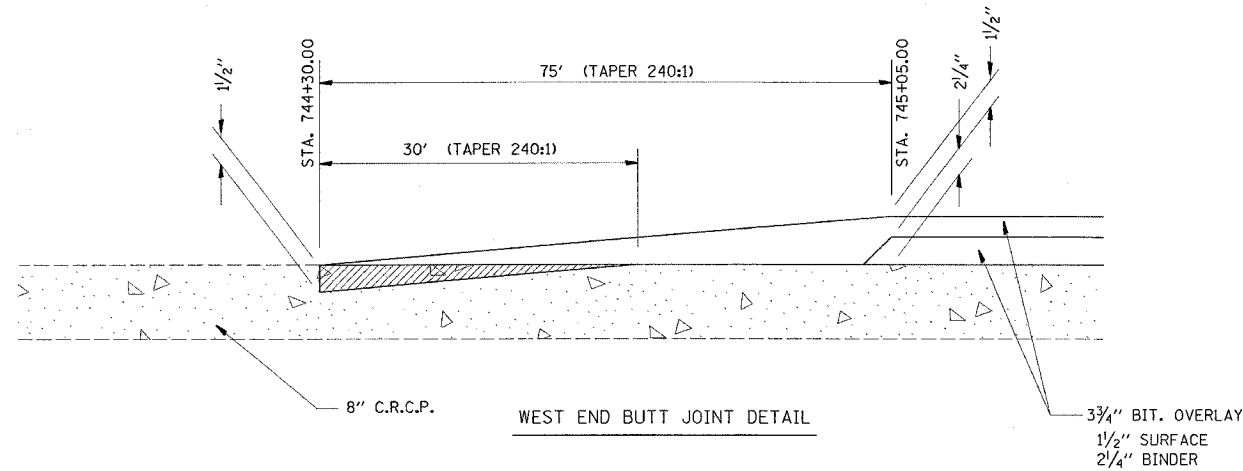
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
GREENMOUNT RD, FAS 843,
FAS 844 AND IL RTE 158
FAI 64
SECTION 82-TRS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
DRAWN BY:

PLOT DATE: DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	17
STA. _____ TO STA. _____				
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
	BY	
	ALIGNED	
	BY	
	NOTED	
	BY	
	DATE	



REVISIONS	
NAME	DATE

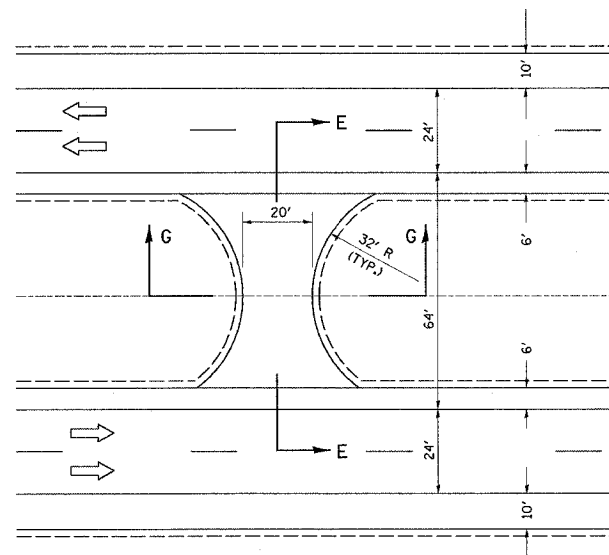
ILLINOIS DEPARTMENT OF TRANSPORTATION
JOINT DETAIL SHEET
 FAI 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: 4/26/2005

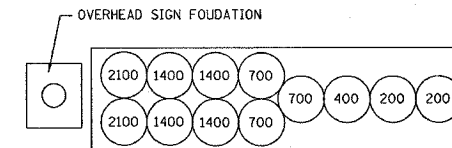
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 4:50:00
 REF: 4/25/05
 REF: 4/25/05

FM ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	18
STA.		TO STA.		
CONTRACT NO.: 76813				

PLAN	REVISED	DATE
NOTE BOOK	ALIGNED	
NO.	CADD FILE NAME	

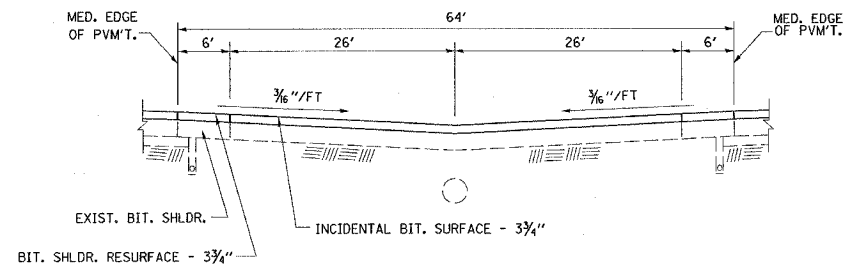


MEDIAN CROSS-OVER DETAIL
 STA. 805+75
 STA. 875+00

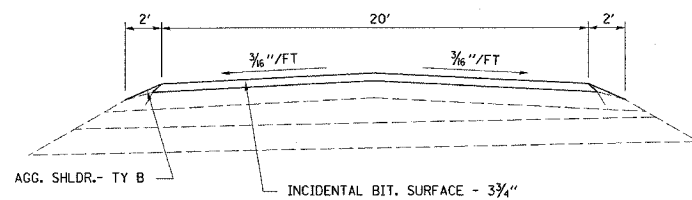


**IMPACT ATTENUATOR (NON-REDIRECTIVE)
 AT RAMP "D" - IL ROUTE 158**

NOTE:
 THE REMOVAL OF THE EXISTING IMPACT ATTENUATOR SHALL CONSIST OF COMPLETELY REMOVING ALL EXISTING BARRELS, SAND AND DEBRIS FROM THE CONCRETE PAD. DISPOSAL OF MATERIAL SHALL BE DONE IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. PAYMENT SHALL BE AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATOR REMOVAL.



SECTION E-E



SECTION G-G

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAIL SHEET

FAI 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 4/26/2005

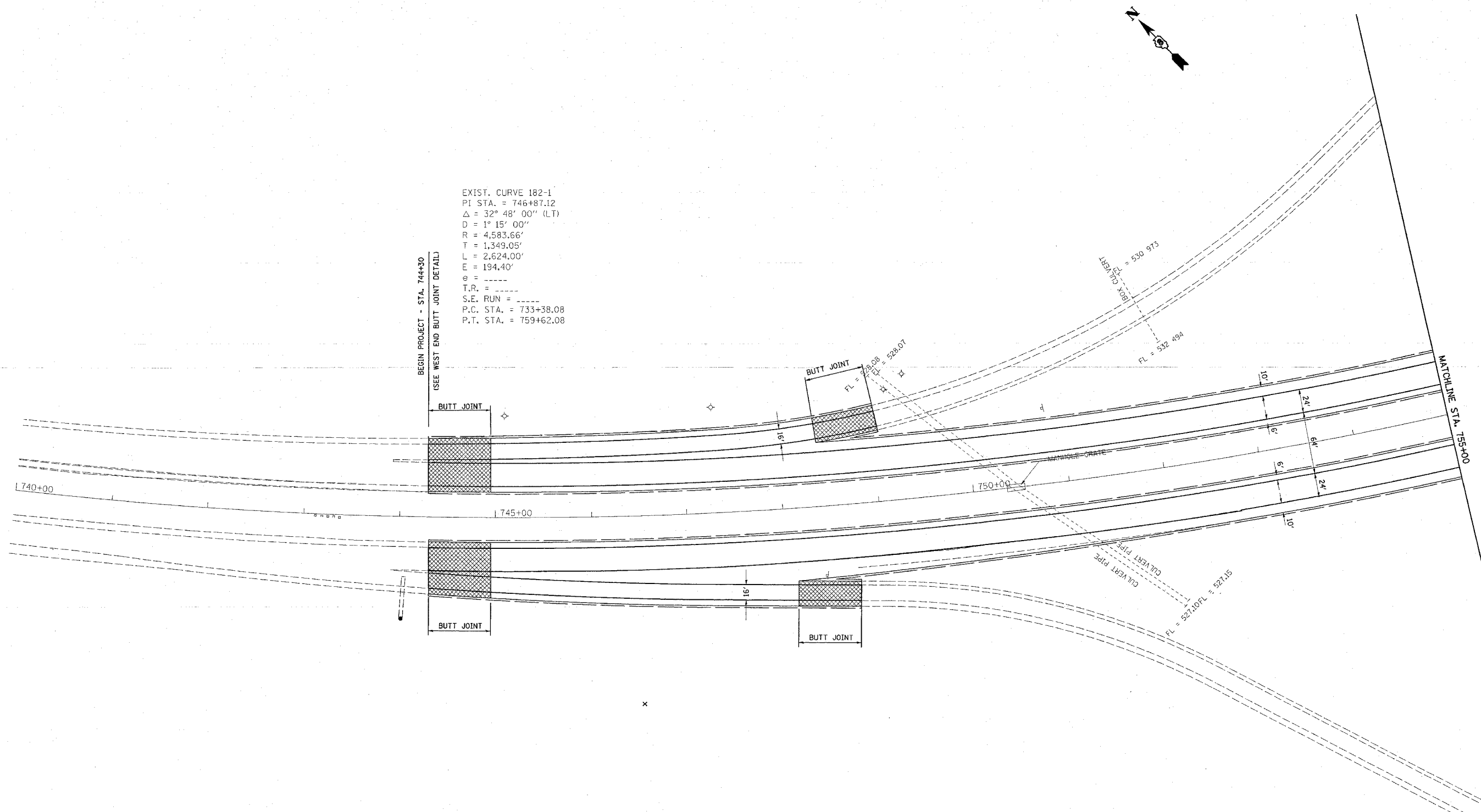
#001244
 4/26/2005
 c:\pre\jackets\wed667804\plan\p1\0570.dgn
 REF
 REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-THB-1, 2I	ST. CLAIR	89	19
STA. 740+00		TO STA. 755+00		
CONTRACT NO.: 76813				

PLAN	DESIGNED	DATE
NO.	BY	
	CHECKED	
	DATE	
	FILE NAME	

EXIST. CURVE 182-1
 PI STA. = 746+87.12
 $\Delta = 32^\circ 48' 00''$ (LT)
 $D = 1^\circ 15' 00''$
 $R = 4,583.66'$
 $T = 1,349.05'$
 $L = 2,624.00'$
 $E = 194.40'$
 $\phi = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 733+38.08$
 $P.T. STA. = 759+62.08$

BEGIN PROJECT - STA. 744+30
 (SEE WEST END BUTT JOINT DETAIL)



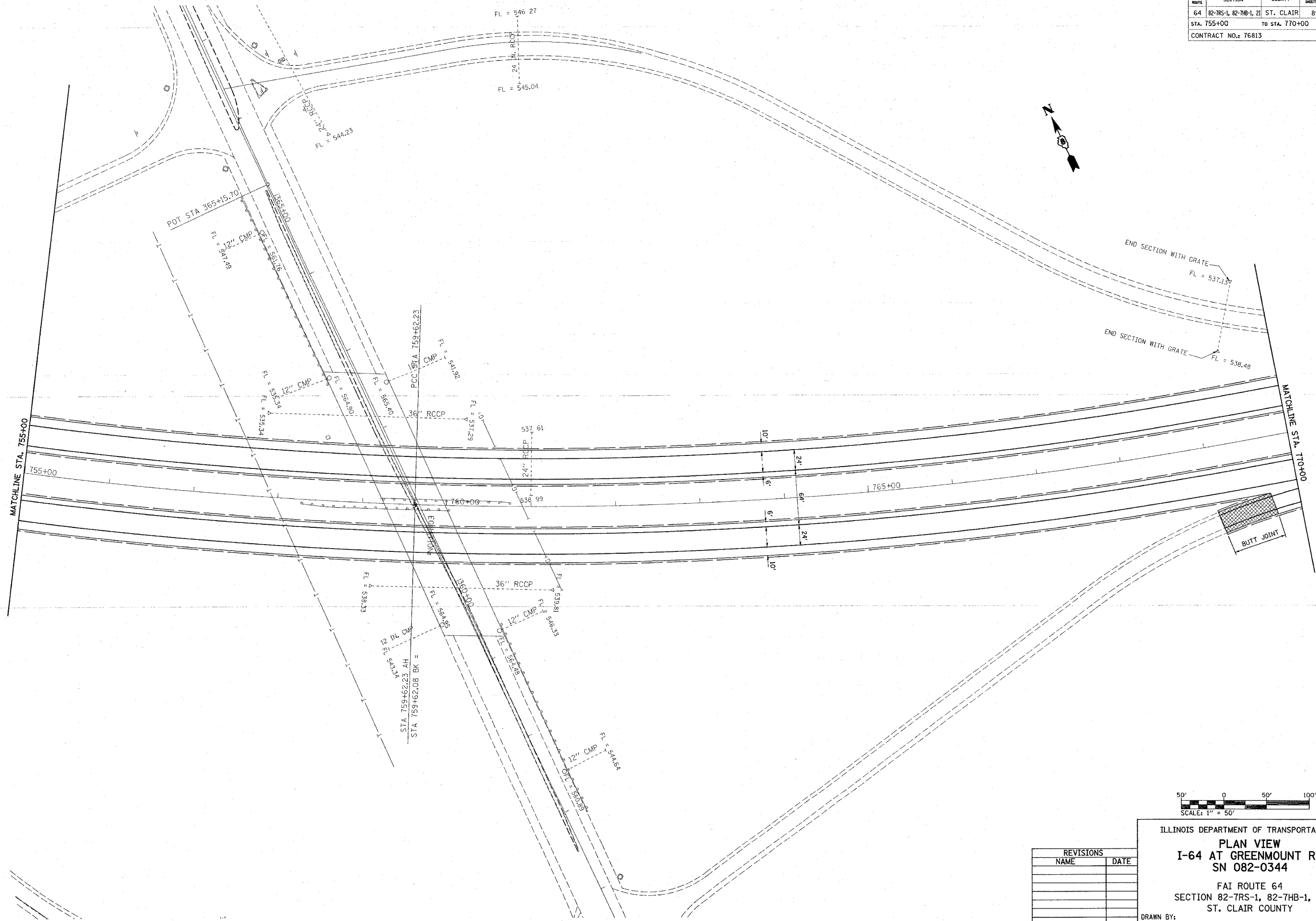
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-THB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE
 DATE-TIME
 REF-PL
 REF-

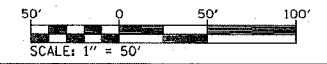
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	20
STA. 755+00		TO STA. 770+00		
CONTRACT NO.: 76813				

PLAN	REVISIONS	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT GREENMOUNT RD
SN 082-0344
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*



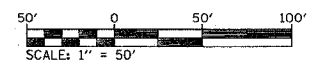
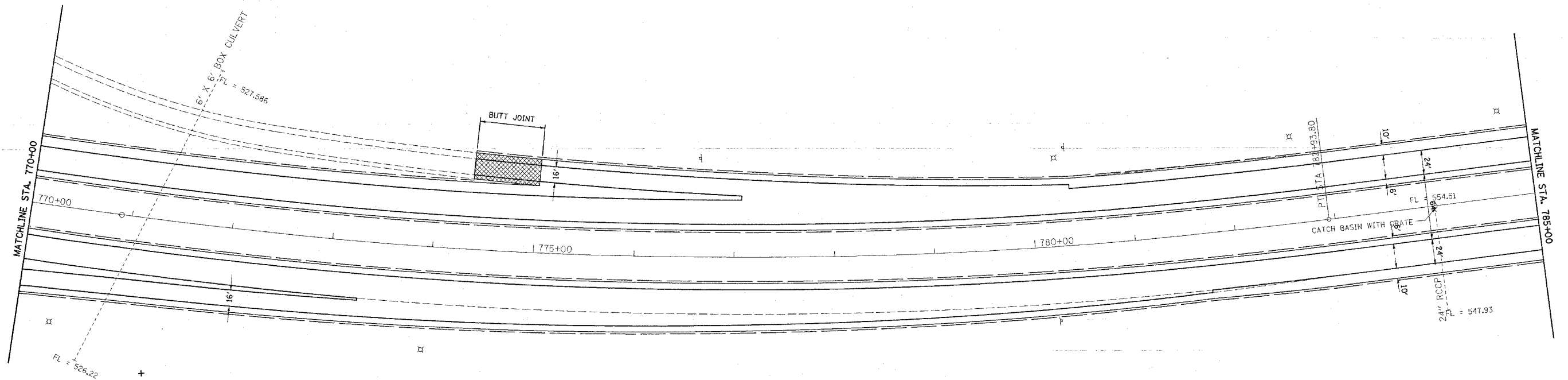
DATE-TIME
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 DATE-TIME
 DATE-TIME

FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	21
STA. 770+00		TO STA. 785+00		
CONTRACT NO.:		76813		

EXIST. CURVE 182-2
 PI STA. = 771+53.82
 $\Delta = 29^\circ 08' 41''$ (LT)
 $D = 1^\circ 15' 00''$
 $R = 4,583.66'$
 $T = 1,191.59'$
 $L = 2,331.57'$
 $E = 152.35'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 $P.C. STA. = 759+62.23$
 $P.T. STA. = 782+93.80$



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	BY	
	DATE	
	NO. OF WAX CHECKED	
	DATE FILE NAME	



REVISIONS	
NAME	DATE

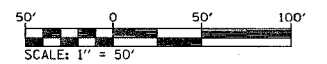
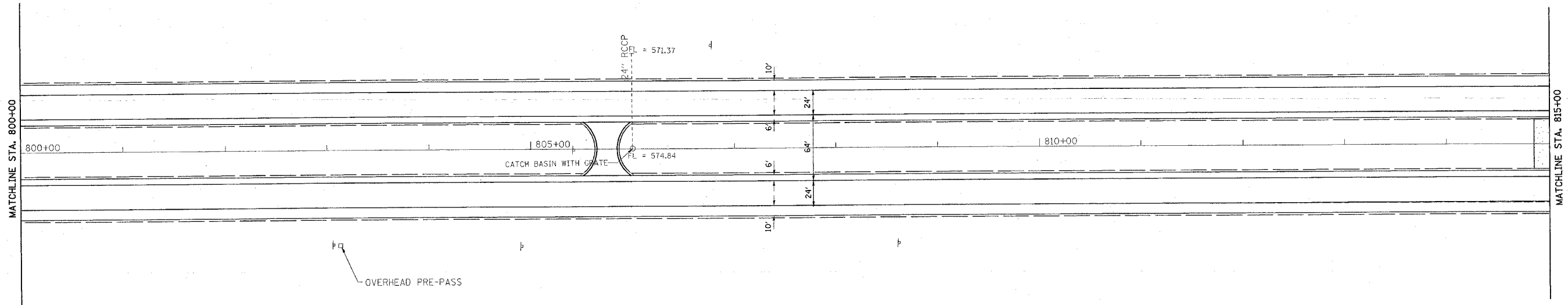
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-TR5-1, 82-7HB-1, 2I	ST. CLAIR	89	23
STA. 800+00		TO STA. 815+00		
CONTRACT NO.: 76813				



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ADJUSTED		
No. _____	RT. OF WAY CHECKED		
	PAID FILE NAME		



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-TR5-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

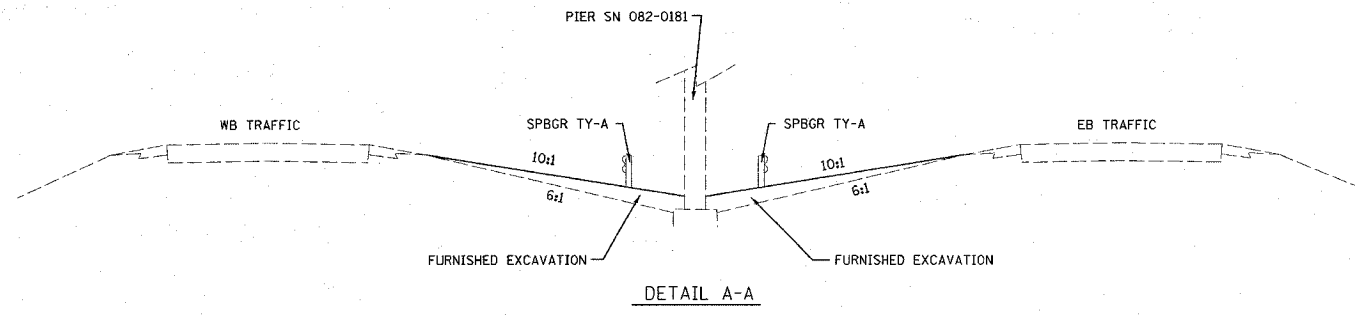
DRAWN BY:

PLOT DATE: *DATE-TIME*

ROOT L&R
 NON-SPEC
 REF. P16
 REF.

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-TRS-1, 82-7HB-1, 2I	ST. CLAIR	89	24
STA. 815+00		TO STA. 830+00		
CONTRACT NO.: T6813				

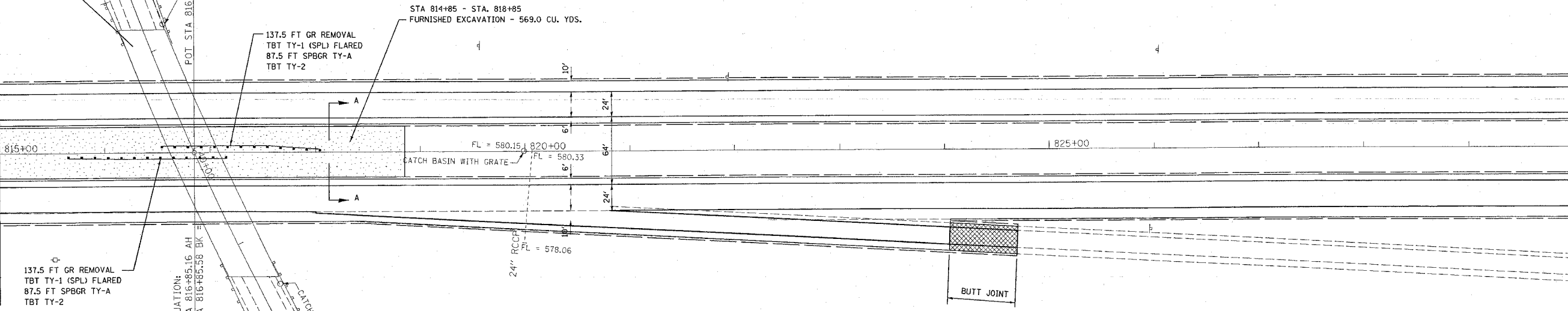
PLAN	DATE
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	



S. LINCOLN AVE. (FAS 843)
SN 082-0181

MATCHLINE STA. 815+00

MATCHLINE STA. 830+00



EXIST. CURVE 2
 P.I. STA. = 43+28.22
 Δ = 21° 52' 13" (LT)
 D = 2° 00' 00"
 R = 2,864.79'
 T = 553.49'
 L = 1,093.51'
 E = 52.98'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 37+74.72
 P.T. STA. = 48+68.23

137.5 FT GR REMOVAL
 TBT TY-1 (SPL) FLARED
 87.5 FT SPBGR TY-A
 TBT TY-2

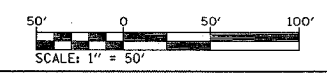
EQUATION:
 STA 816+85.16 AH
 STA 816+85.58 BK

STA 814+85 - STA. 818+85
 FURNISHED EXCAVATION - 569.0 CU. YDS.

137.5 FT GR REMOVAL
 TBT TY-1 (SPL) FLARED
 87.5 FT SPBGR TY-A
 TBT TY-2

24" RCCP
 FL = 578.06

BUTT JOINT



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT S. LINCOLN AVE
SN 082-0181
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

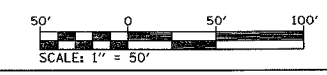
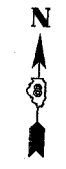
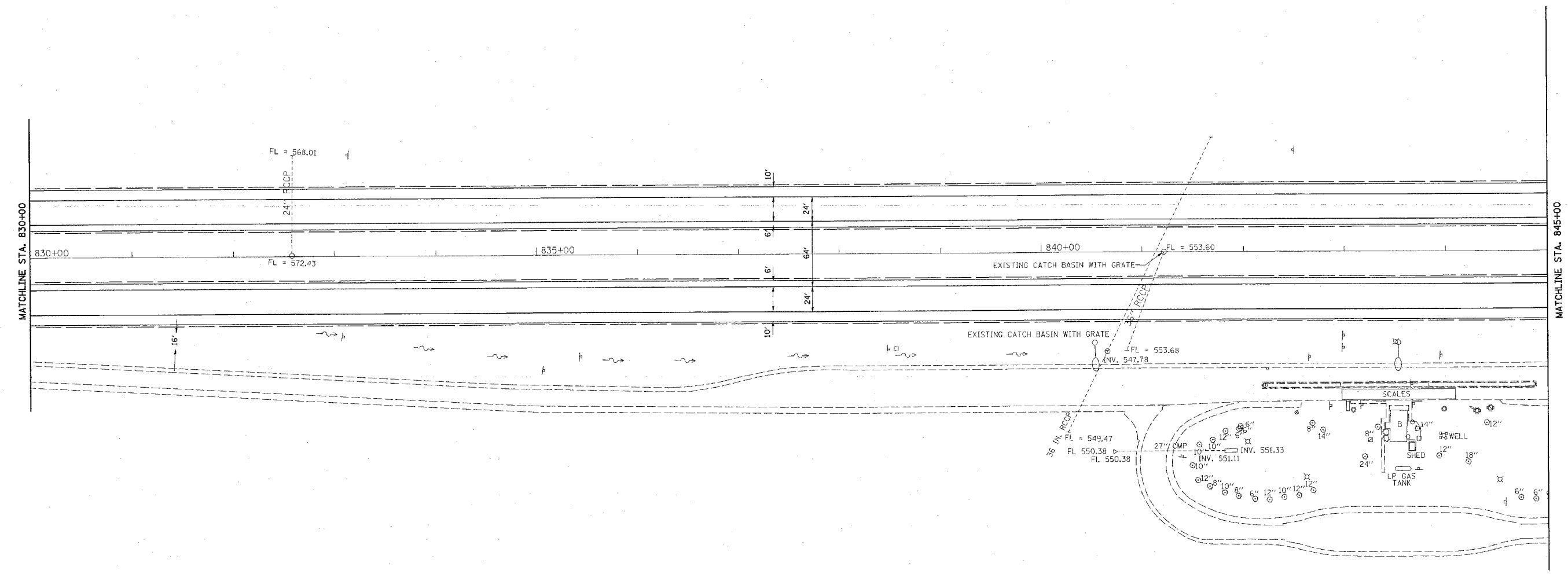
REVISIONS	
NAME	DATE

DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE: 10/1/00
 BY: JMM
 CHECKED: JMM
 IN CHARGE: JMM

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	25
STA. 830+00		TO STA. 845+00		
CONTRACT NO.: 76813				

PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT WEIGH STATION

FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY

DRAWN BY:

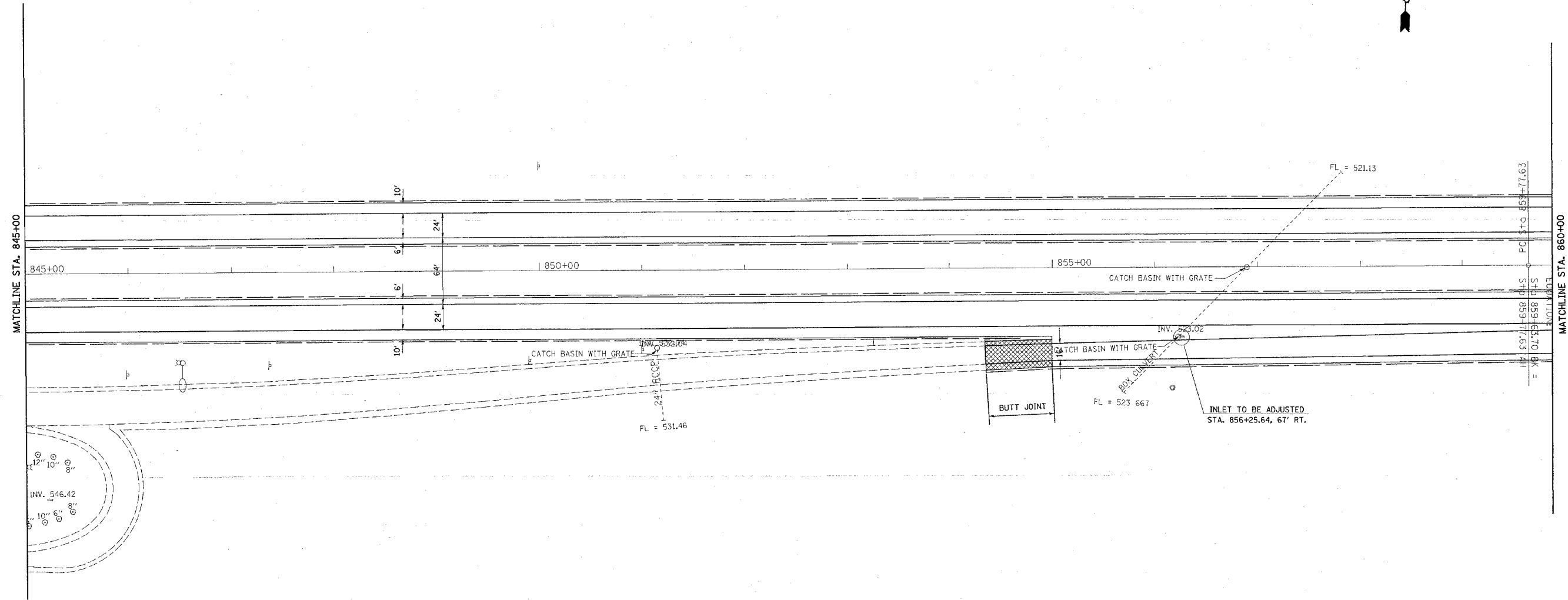
REVISIONS	
NAME	DATE

PLOT DATE: *DATE-TIME*

DATE
DATE-TIME
REF-PL
REF

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	26
STA. 845+00		TO STA. 860+00		
CONTRACT NO.: 76813				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ADJUSTED		
NO.	FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT WEIGH STATION

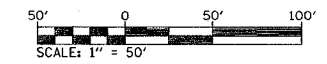
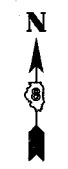
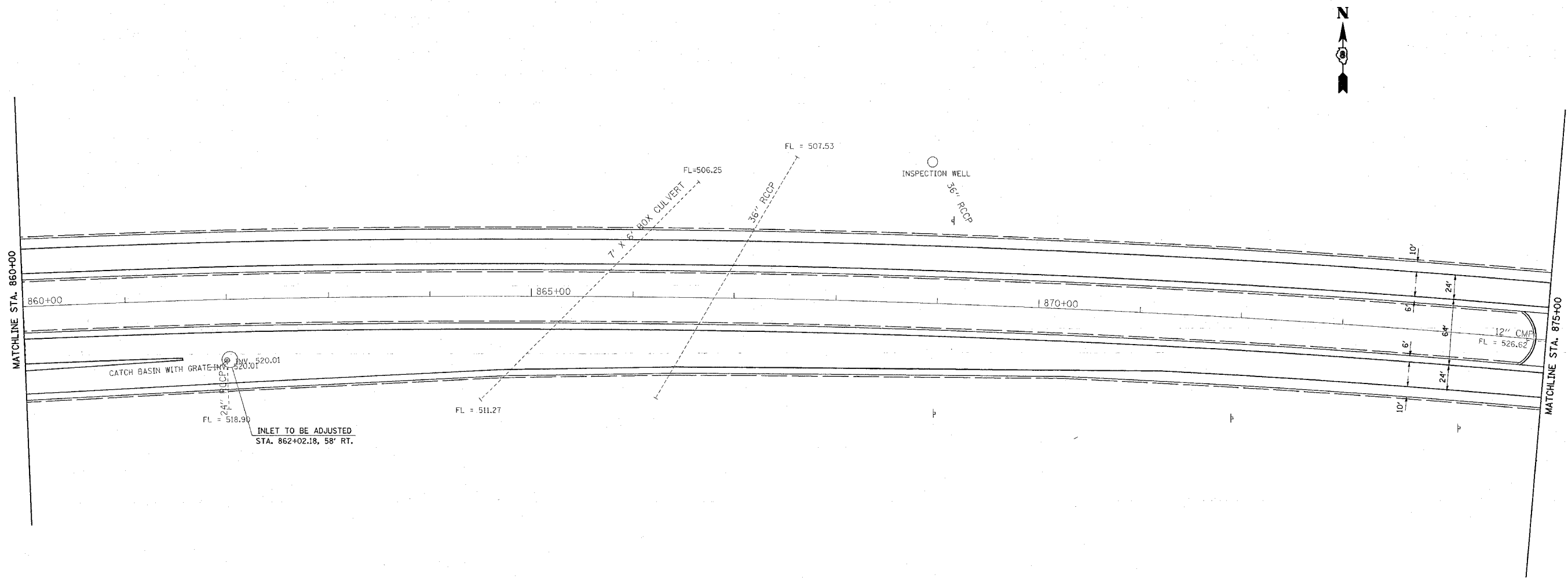
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: *DATE-TIME*

DATE-TIME
CON-SPEC
*REF-PL3

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	27
STA. 860+00		TO STA. 875+00		
CONTRACT NO.: T6813				

PLAN	REVISED	BY	DATE
NO.	NO.		
NOTE BOOK	ALIGNMENT CHECKED		
NO.	NO.		
	ADD FILE NAME		



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:
 PLOT DATE: *DATE-TIME*

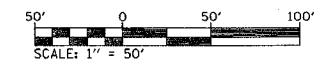
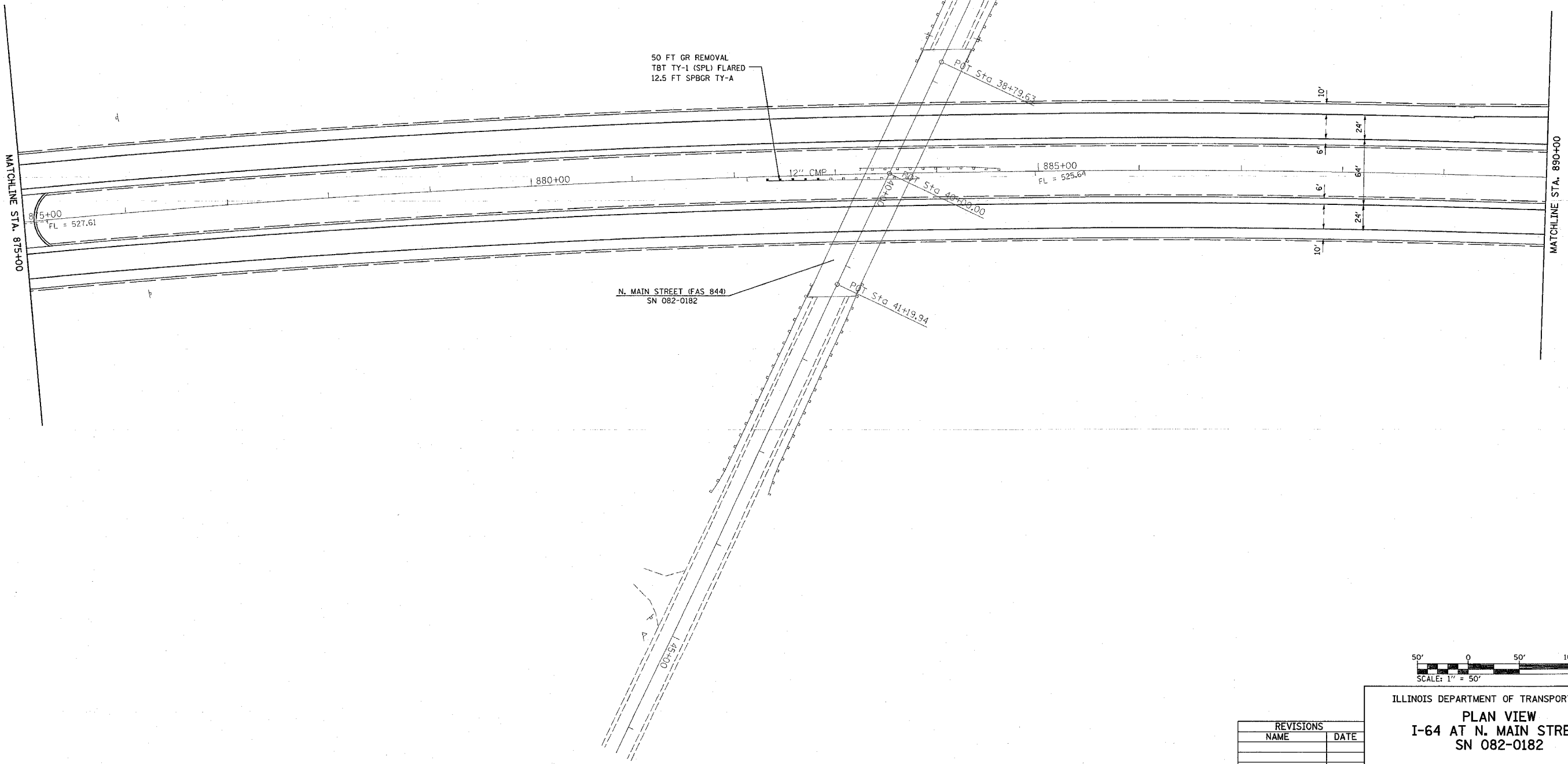
•DATE-TIME*
 •CON-SPEC*
 •REF. FILE

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-THB-1, 2I	ST. CLAIR	89	28
STA. 875+00		TO STA. 890+00		
CONTRACT NO.: 76813				

EXIST. CURVE 183
 PI STA. = 881+81.29
 $\Delta = 20^\circ 21' 03''$ (RT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 2,203.66'$
 $L = 4,360.88'$
 $E = 196.19'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 859+77.63$
 $P.T. STA. = 903+38.51$
 *



PLAN	REVISIONS	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



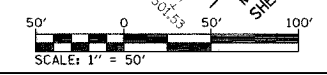
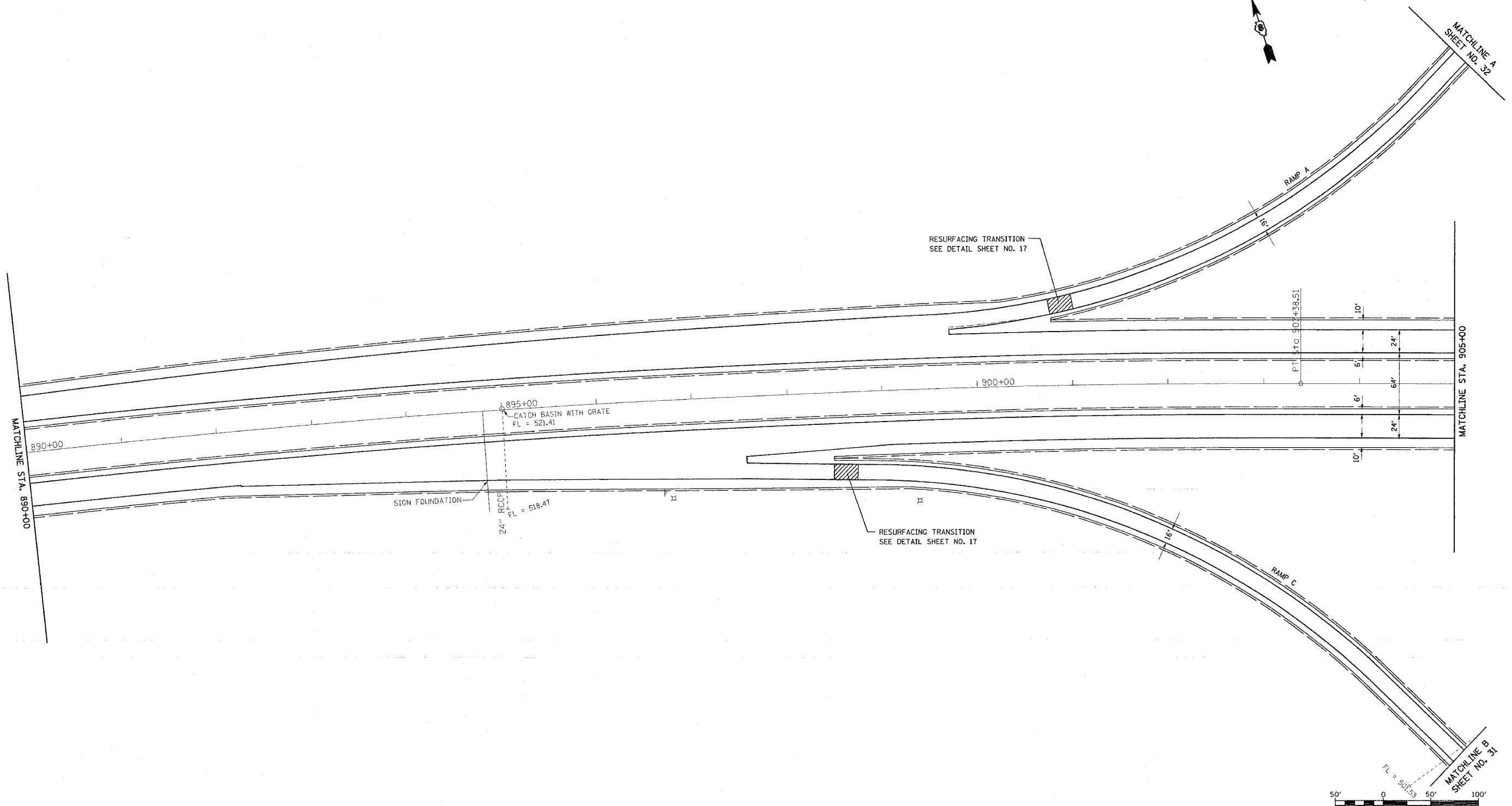
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT N. MAIN STREET
SN 082-0182
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-THB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	29
STA. 890+00		TO STA. 905+00		
CONTRACT NO.: 76813				

PLAN	DATE	BY
DESIGNED		
CHECKED		
APPROVED		
DATE		



REVISIONS	
NAME	DATE

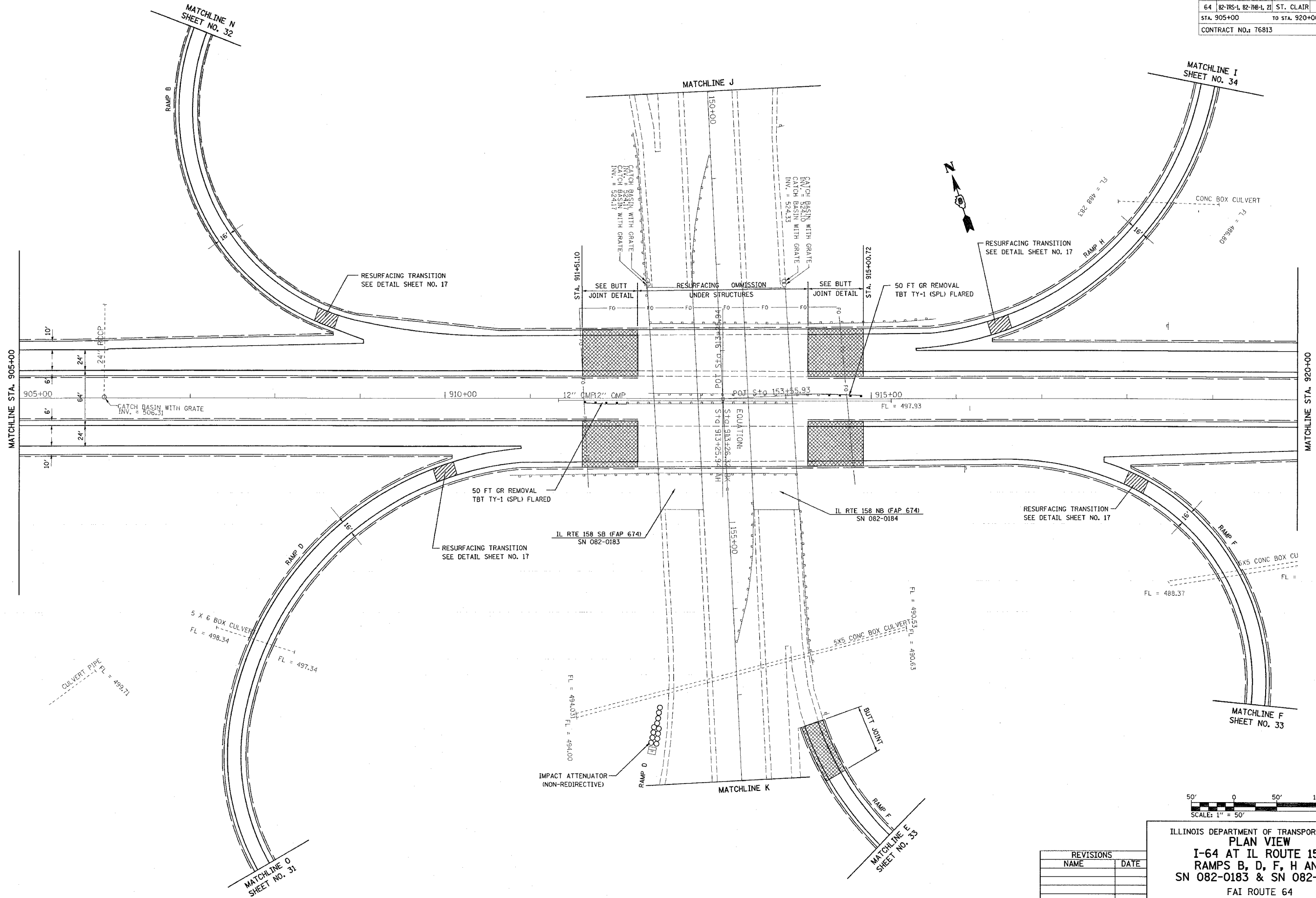
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT IL RTE 158
RAMPS A AND C
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: 4/26/2005

4/26/2005
 4:26:28 PM
 REF: P1C
 REF: P1C

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-THB-1, 2I	ST. CLAIR	89	30
STA. 905+00		TO STA. 920+00		
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNMENT CHECKED	
NO.	BY FILE NAME	

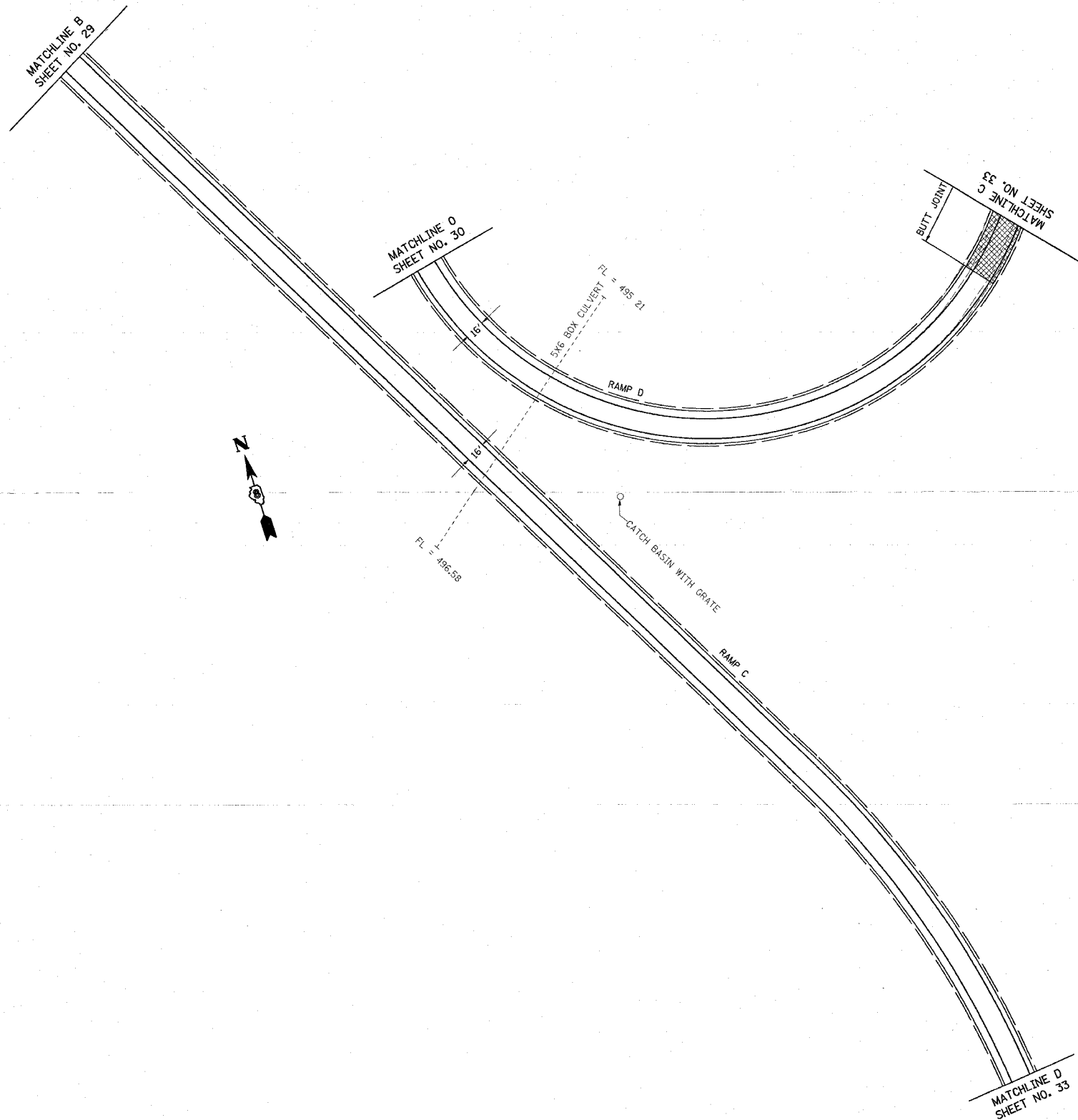


REVISIONS	
NAME	DATE

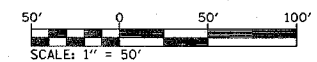
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT IL ROUTE 158
RAMPS B, D, F, H AND
SN 082-0183 & SN 082-0184
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-THB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 4/26/2005

#DATE: 4/26/2005
 #BY: J. J. ...
 #REF: 0113
 #REF:

FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-THB-1, 2I	ST. CLAIR	89	31
STA.		TO STA.		
CONTRACT NO.: 76813				



PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLANNED		
NO.	RT. OF WAY CHECKED		
	PAID FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW
I-64 AT IL RTE 158
RAMPS C AND D

FAI ROUTE 64
SECTION 82-TR5-1, 82-THB-1, 2I
ST. CLAIR COUNTY

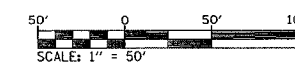
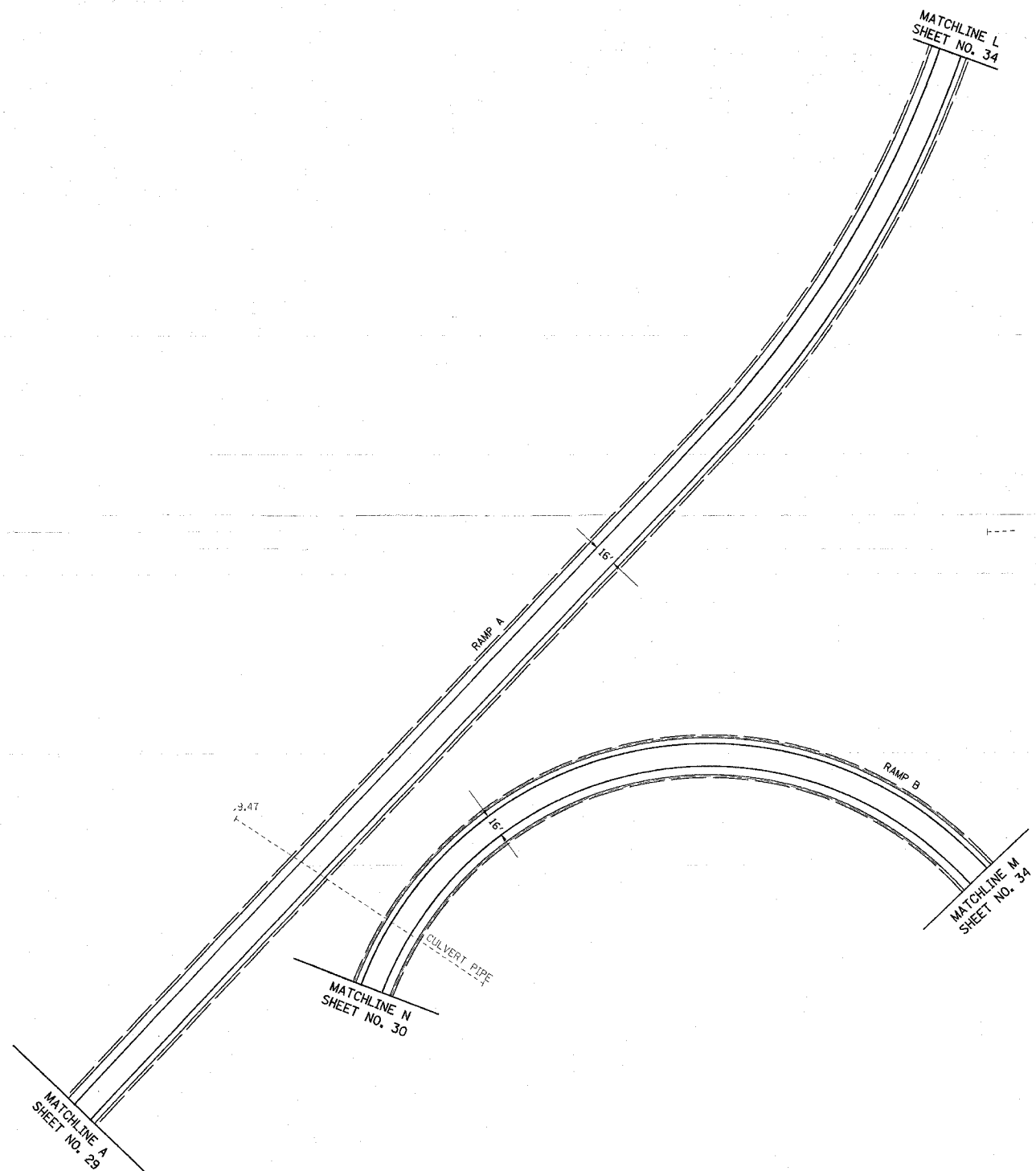
DRAWN BY:

PLOT DATE: *DATE-TIME*

FRONT VIEW
TOP SPEC
REF. ONLY
REF.

FILE NAME	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	32
STA. _____		TO STA. _____		
CONTRACT NO.: 76813				

PLAN	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
	REVISIONS	
	BY	
	DATE	
	NO. OF DAYS CHECKED	
	CADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN VIEW
I-64 AT IL RTE 158
RAMPS A AND B**

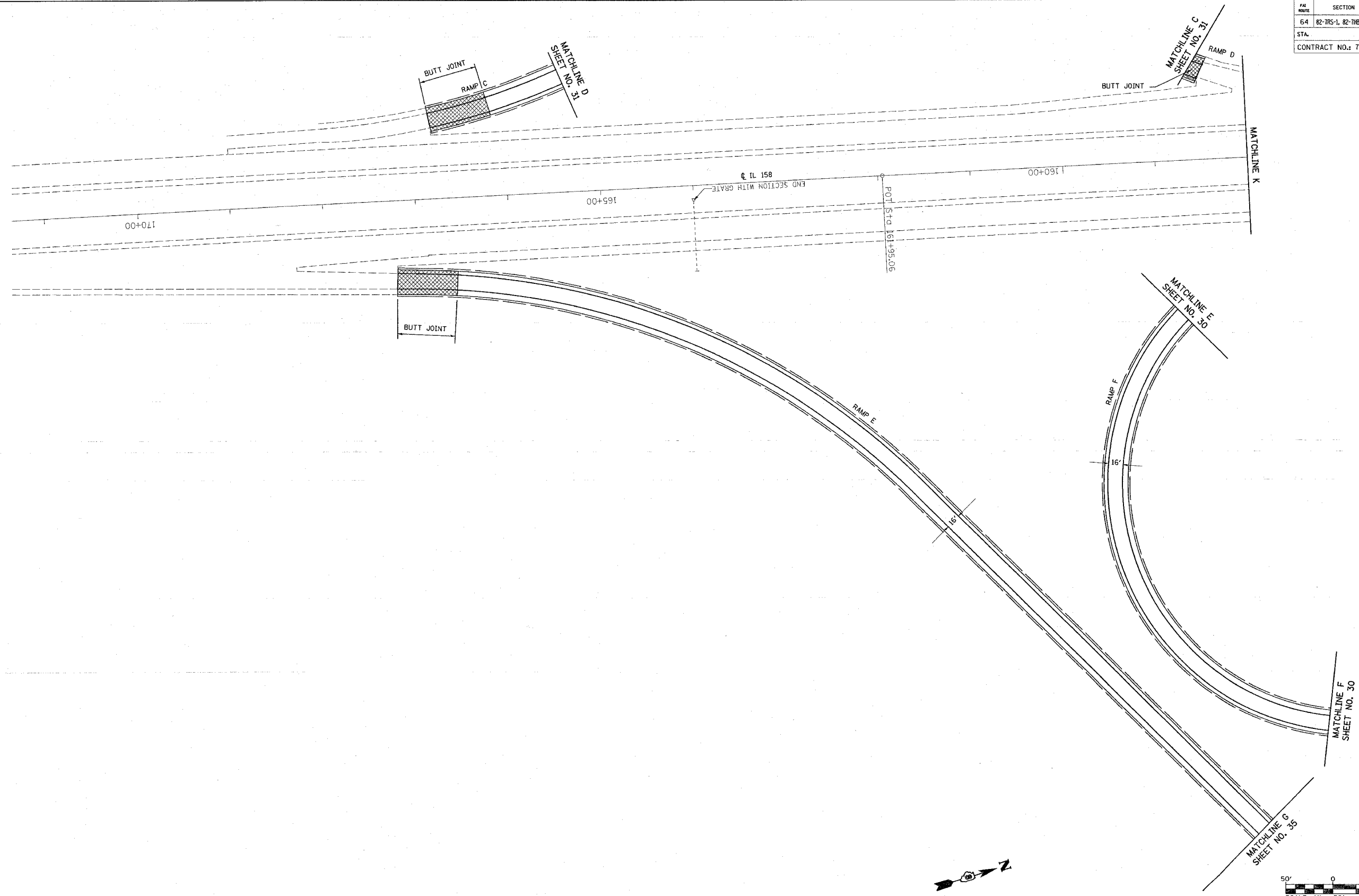
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: *DATE-TIME*

DATE
DATE-TIME
REF. DATE

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	33
STA.		TO STA.		
CONTRACT NO.: 76813				



PLAN	DESIGNED	DATE
NOTE BOOK	PLANNED	BY
NO.	ALIGNMENT CHECKED	
	AS SHOWN	
	CADD FILE NAME	

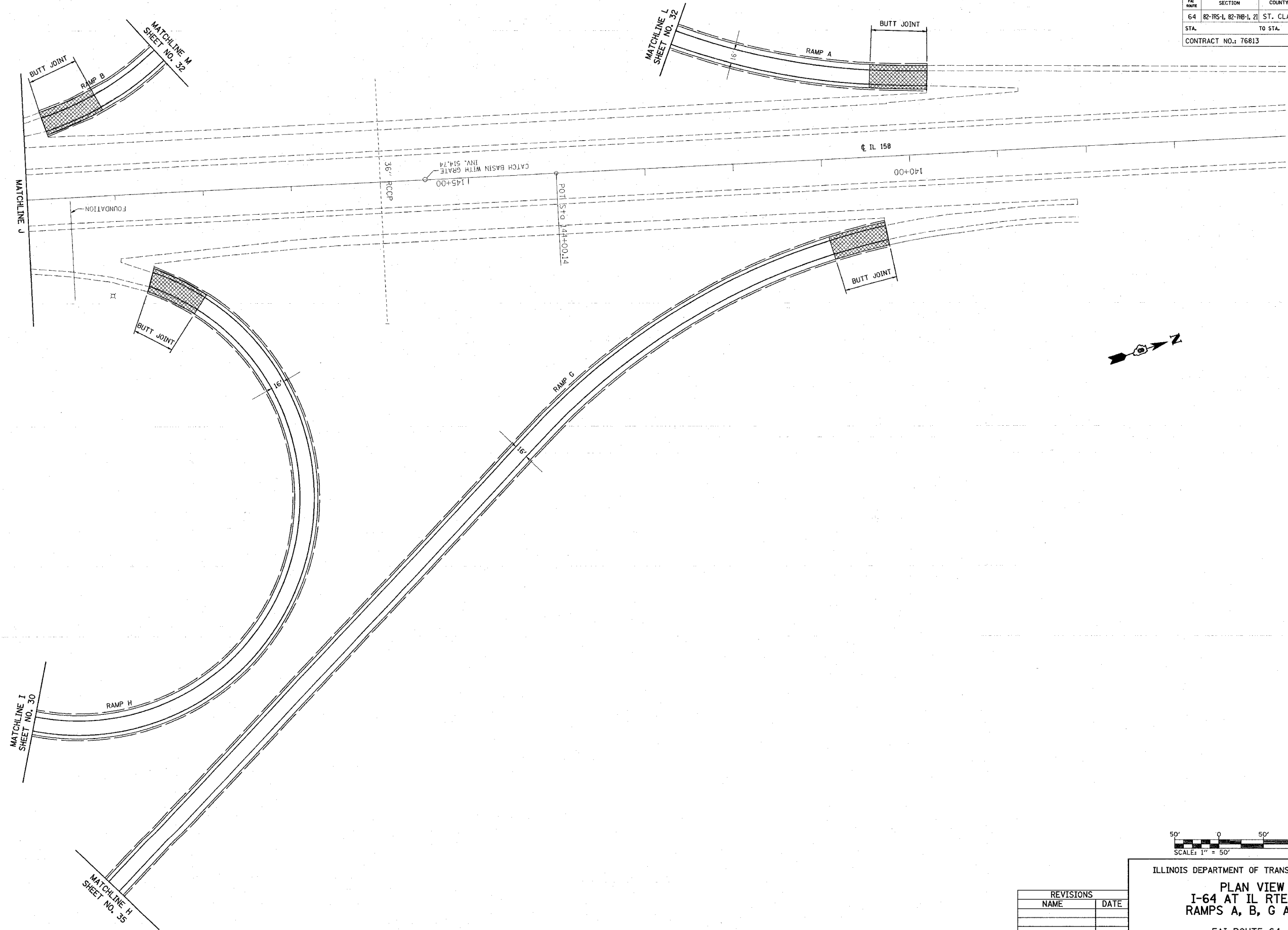
DATE-TIME
 DGN-SPEC
 REF-PLG

REVISIONS	
NAME	DATE

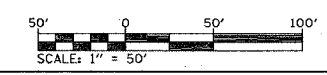
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT IL RTE 158
RAMPS C, D, E AND F
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: *DATE-TIME*

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB-1, 2I	ST. CLAIR	89	34
STA.		TO STA.		
CONTRACT NO.: 76813				



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	CAD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT IL RTE 158
RAMPS A, B, G AND H

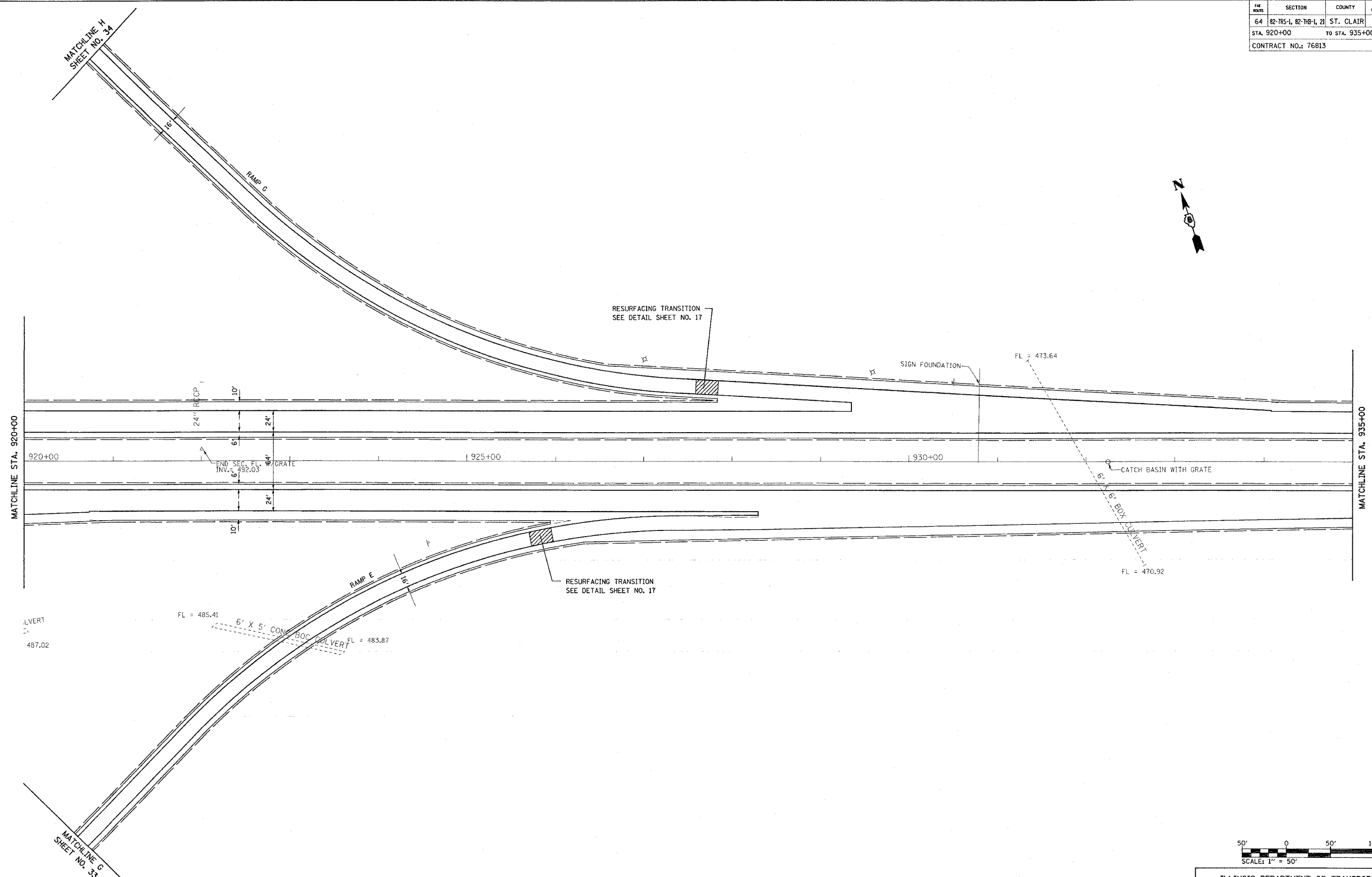
FAI ROUTE 64
SECTION 82-TRS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY

DRAWN BY:
PLOT DATE: *DATE-TIME*

DATE
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	35
STA. 920+00		TO STA. 935+00		
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



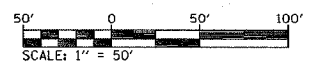
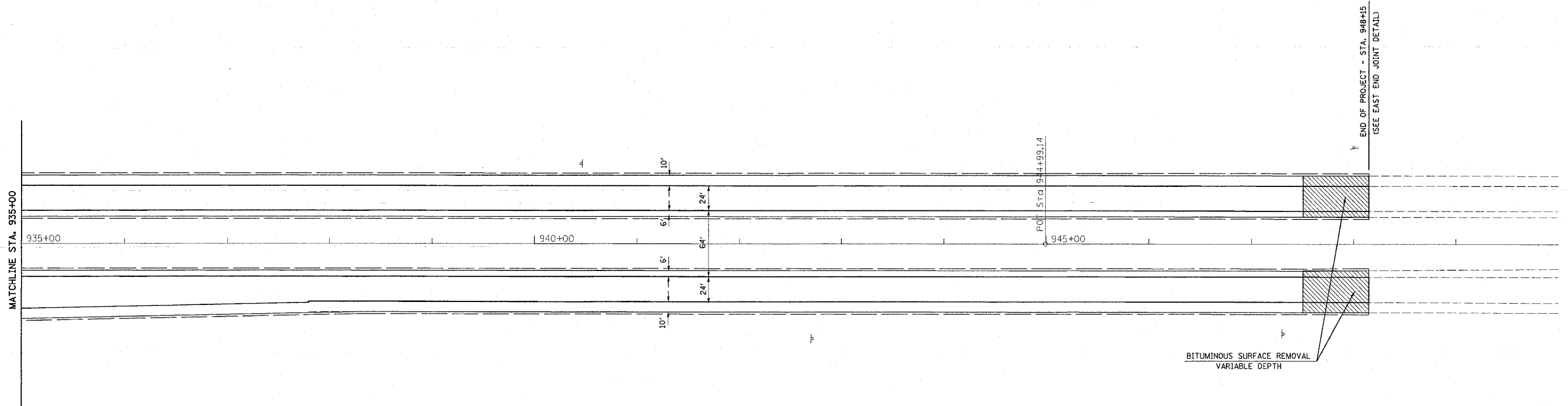
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
I-64 AT IL RTE 158
RAMPS E AND G
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 4/26/2005

4/26/2005
 c:\projects\en05704\plan\p10679a.dgn
 REF: p118

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB-1, 2I	ST. CLAIR	89	36
STA. 935+00		TO STA. 950+00		
CONTRACT NO.: 76813				

PLAN	SURVEYED	BY	DATE
NO. _____	NO. _____	_____	____/____/____
NOTE BOOK NO. _____			
FIELD CHECKED BY _____			
DATE _____			
DRAWN BY _____			
DATE _____			



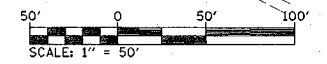
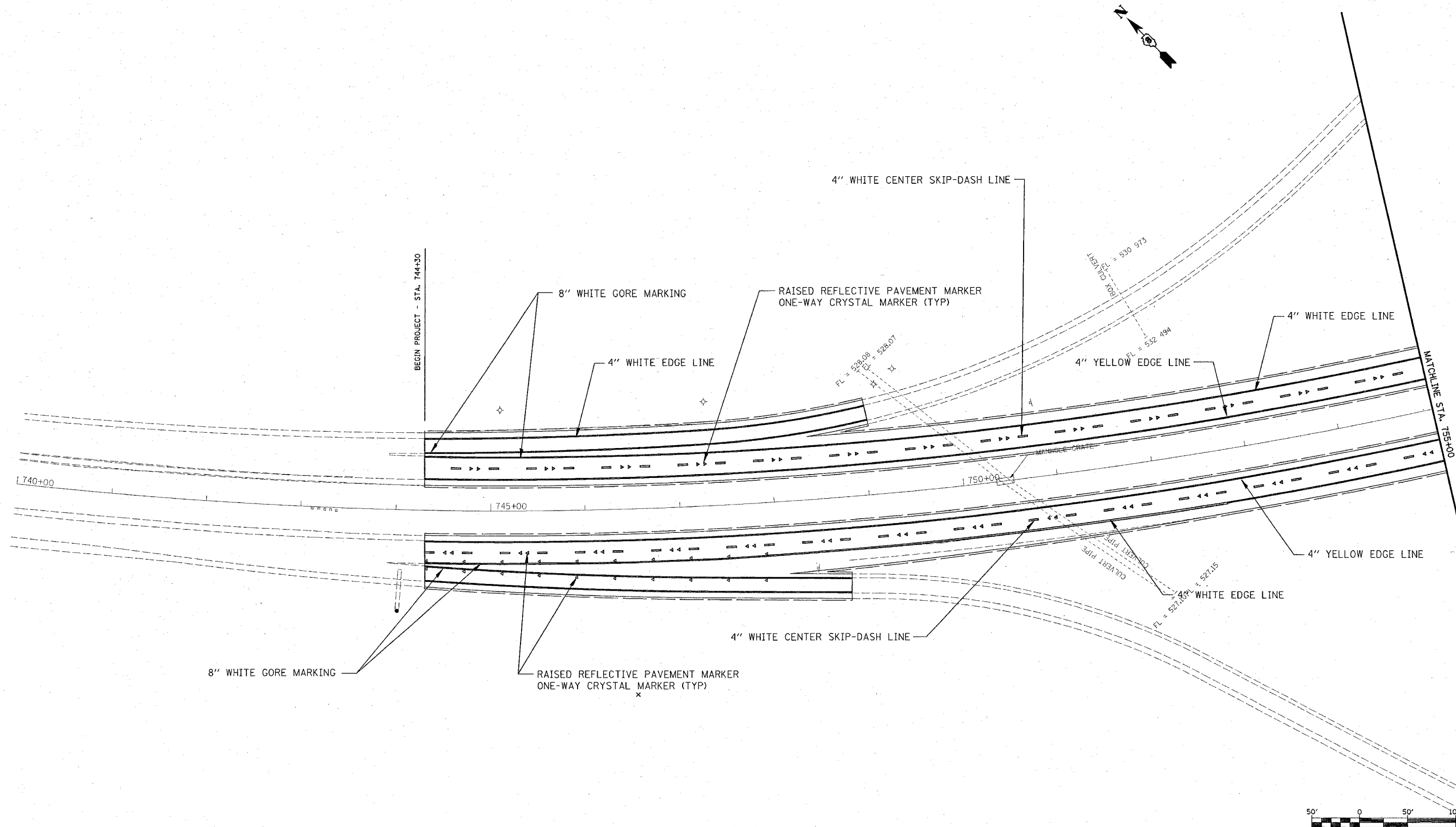
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

PROJECT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-7HB, 21	ST. CLAIR	89	37
STA.	TO STA.			
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	RT. OF WAY CHECKED	
	ADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

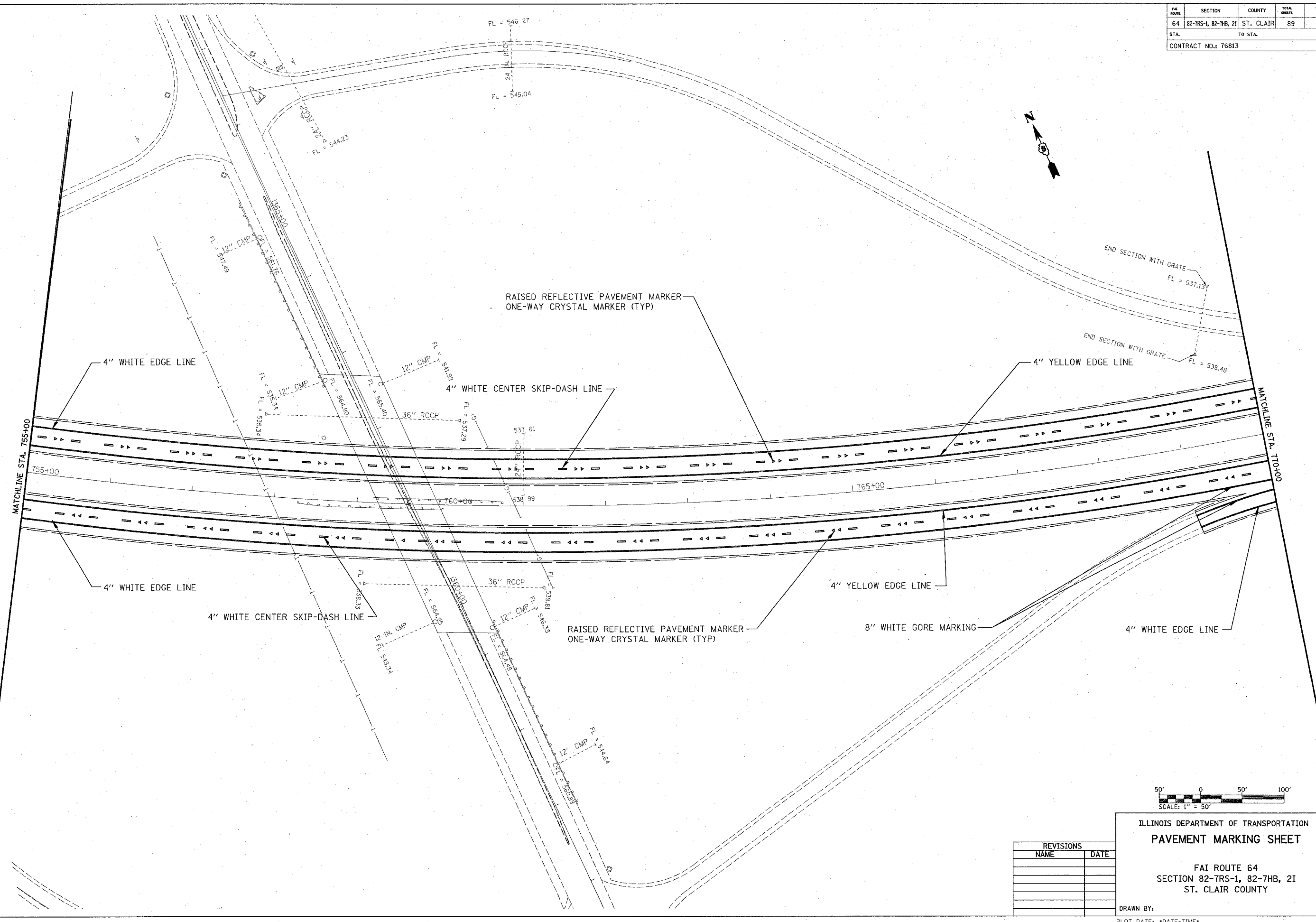
FAI ROUTE 64
SECTION 82-TR5-1, 82-7HB, 21
ST. CLAIR COUNTY

DRAWN BY:
PLOT DATE: *DATE-TIME*

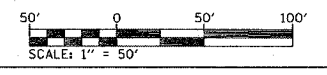
•CON-SPEC•
•REF-PL2•
•REF-

FILE NAME	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-TRS-1, 82-THB, 21	ST. CLAIR	89	38
STA.		TO STA.		
CONTRACT NO.: T6813				

PLAN	DATE
BY	
CHECKED	
IN CHARGE	
NO. OF WAYS CHECKED	
NO. OF FILES	



REVISIONS	
NAME	DATE

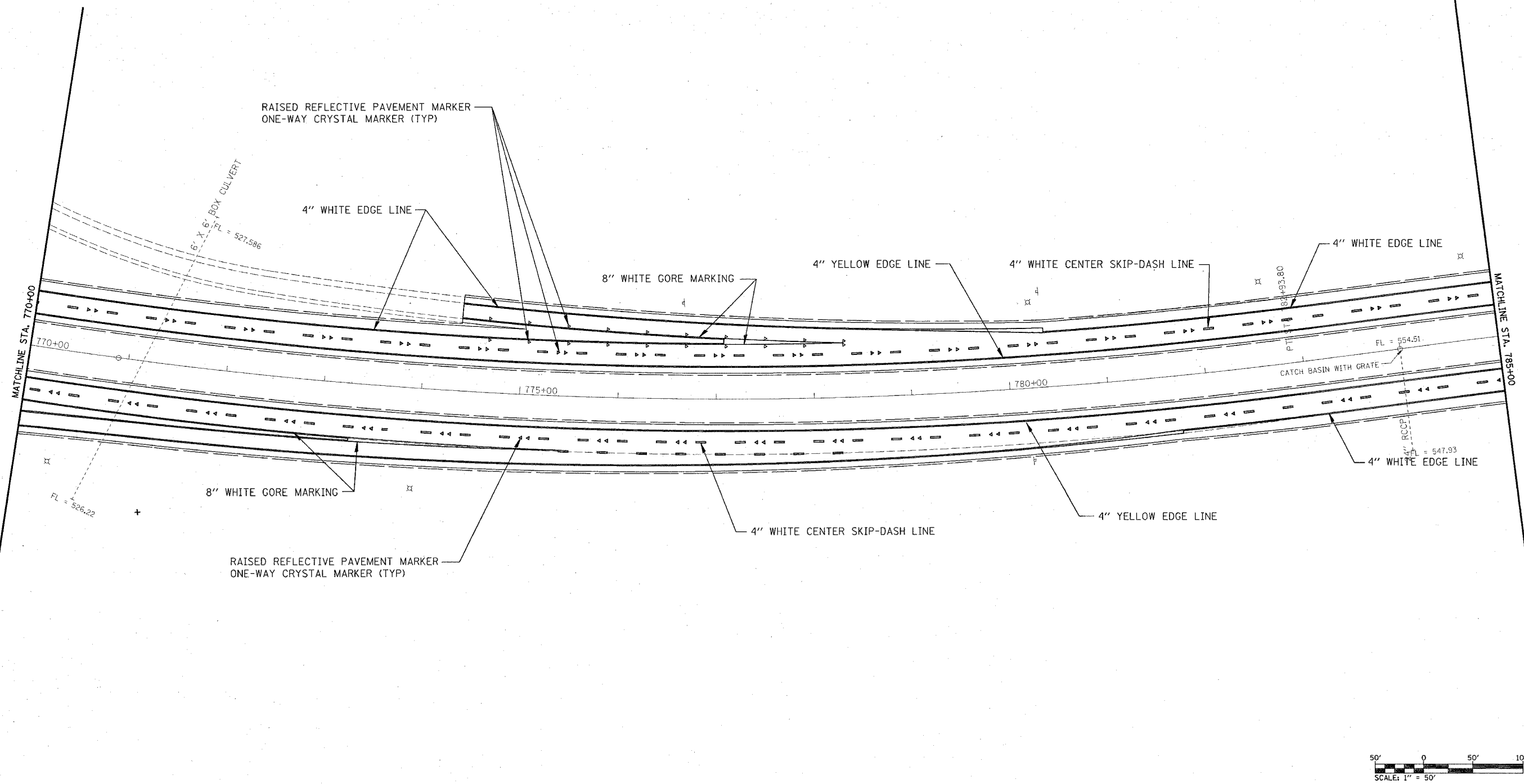


ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-THB, 21
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE-TIME
 CON-SPEC
 REF-PL3
 REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	39
STA.	TO STA.			
CONTRACT NO.: 76813				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNMENT CHECKED		
	FT. OF WAY CHECKED		
	FIELD FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

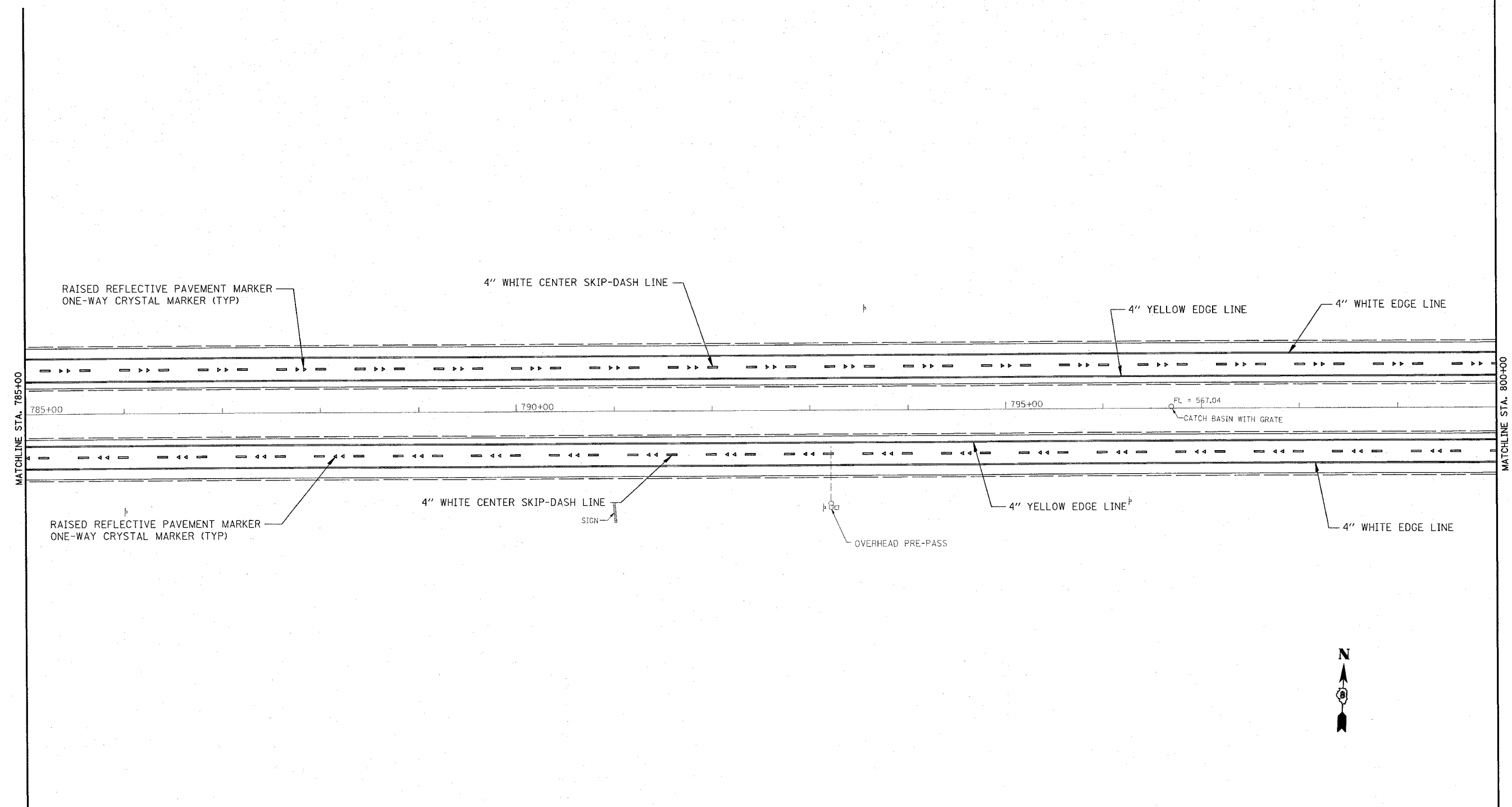
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 2I
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: *DATE-TIME*

DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME

FM ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	40
STA.		TO STA.		
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FBI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 2I
ST. CLAIR COUNTY

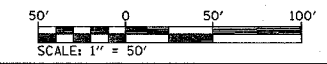
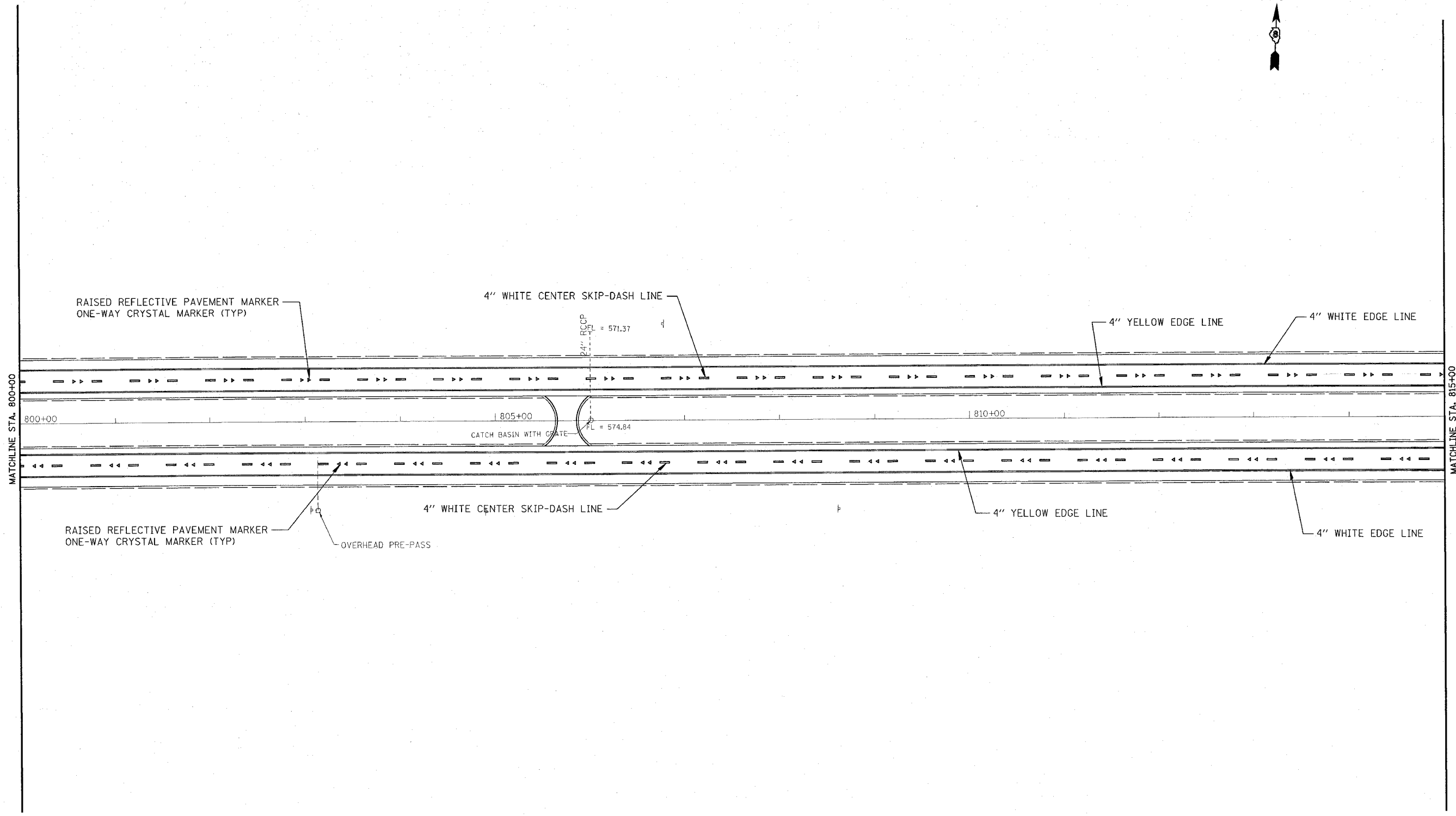
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PLOT DATE: *DATE-TIME*

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• 800-SPEC
• 800-REF
• 800-REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	41
STA. TO STA.				
CONTRACT NO.: 76813				



PLAN	DESIGNED	DATE
	BY	
	PLOTTED	
	ALIGNMENT CHECKED	
	BY	
	FILE NAME	
	NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

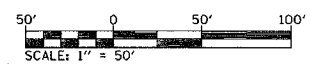
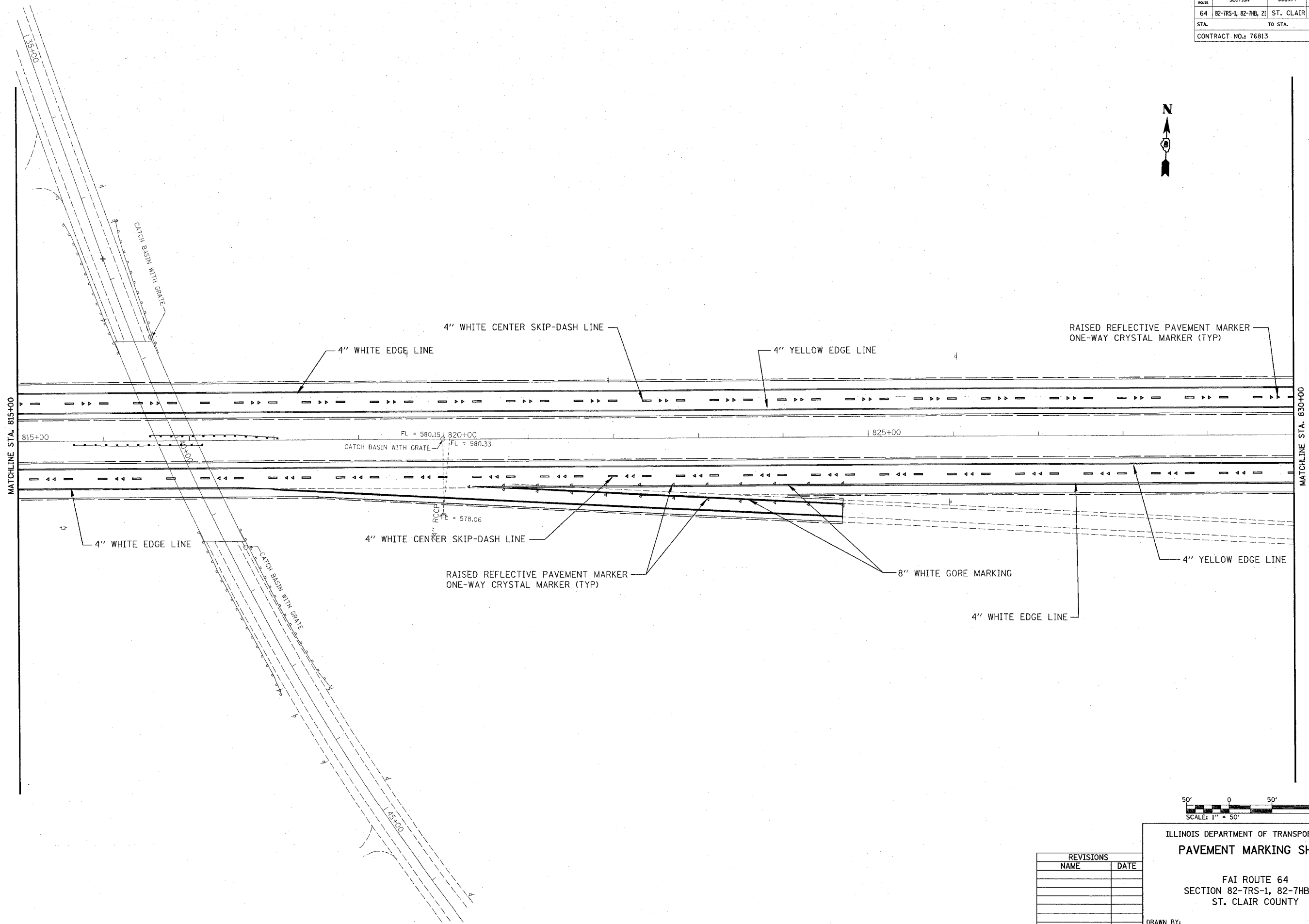
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 2I
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: *DATE-TIME*

DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-7HB, 2I	ST. CLAIR	89	42
STA. TO STA.				
CONTRACT NO.: 76813				

PLAN	DATE
REVISED	BY
NOTED	
BY	
NO.	



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FAI ROUTE 64
SECTION 82-TR5-1, 82-7HB, 2I
ST. CLAIR COUNTY

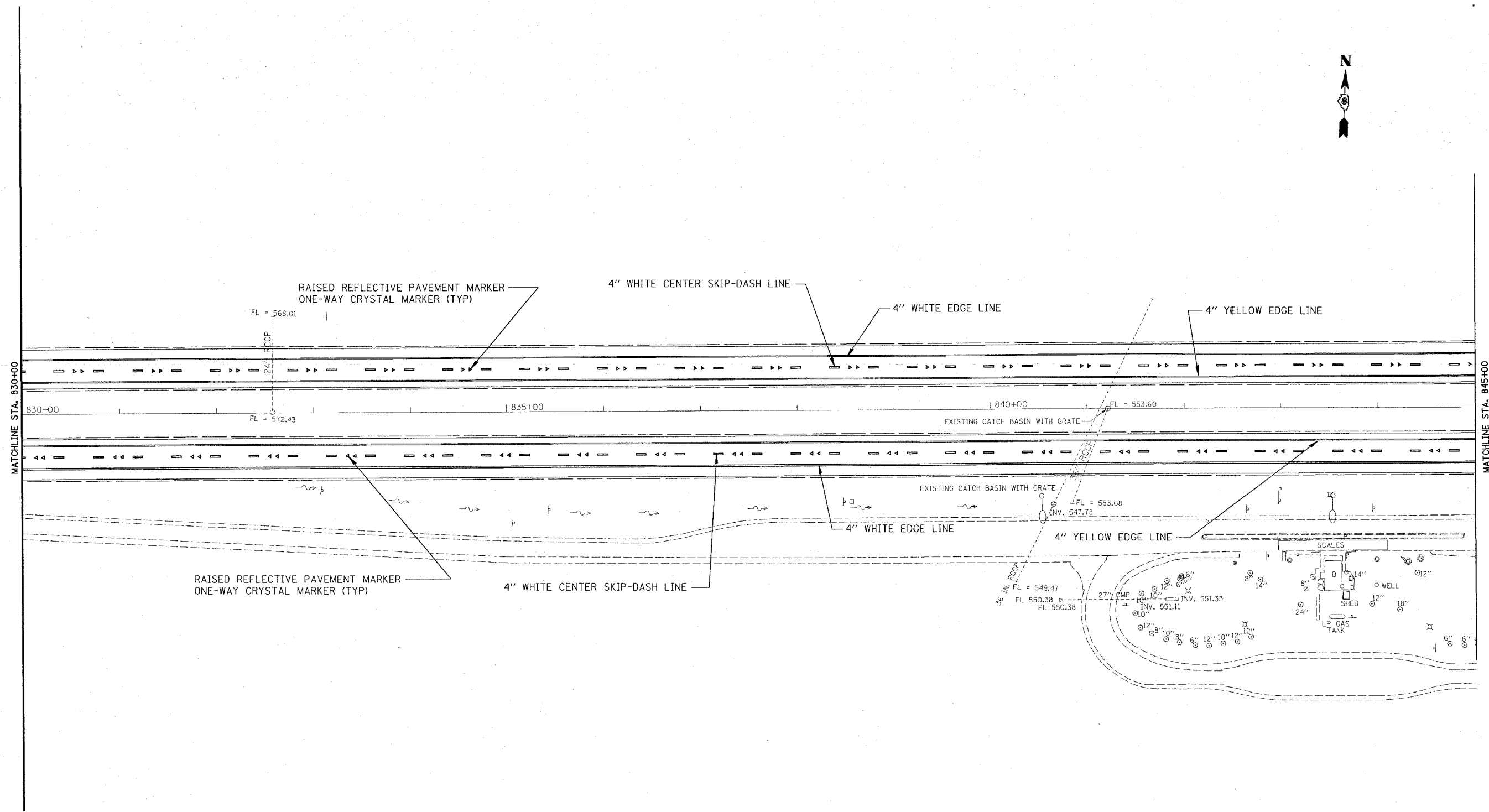
REVISIONS	
NAME	DATE

DRAWN BY:
PLOT DATE: *DATE-TIME*

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4-DIGIT-88
4-DIGIT-88
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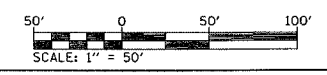
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 21	ST. CLAIR	89	43
STA.	TO STA.			
			CONTRACT NO.: 76813	

PLAN	DATE
SAVED	
NOTE BOOK	
ALIGNED	
CHECKED	
FILE NAME	
NO.	



MATCHLINE STA. 830+00

MATCHLINE STA. 845+00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 21
ST. CLAIR COUNTY

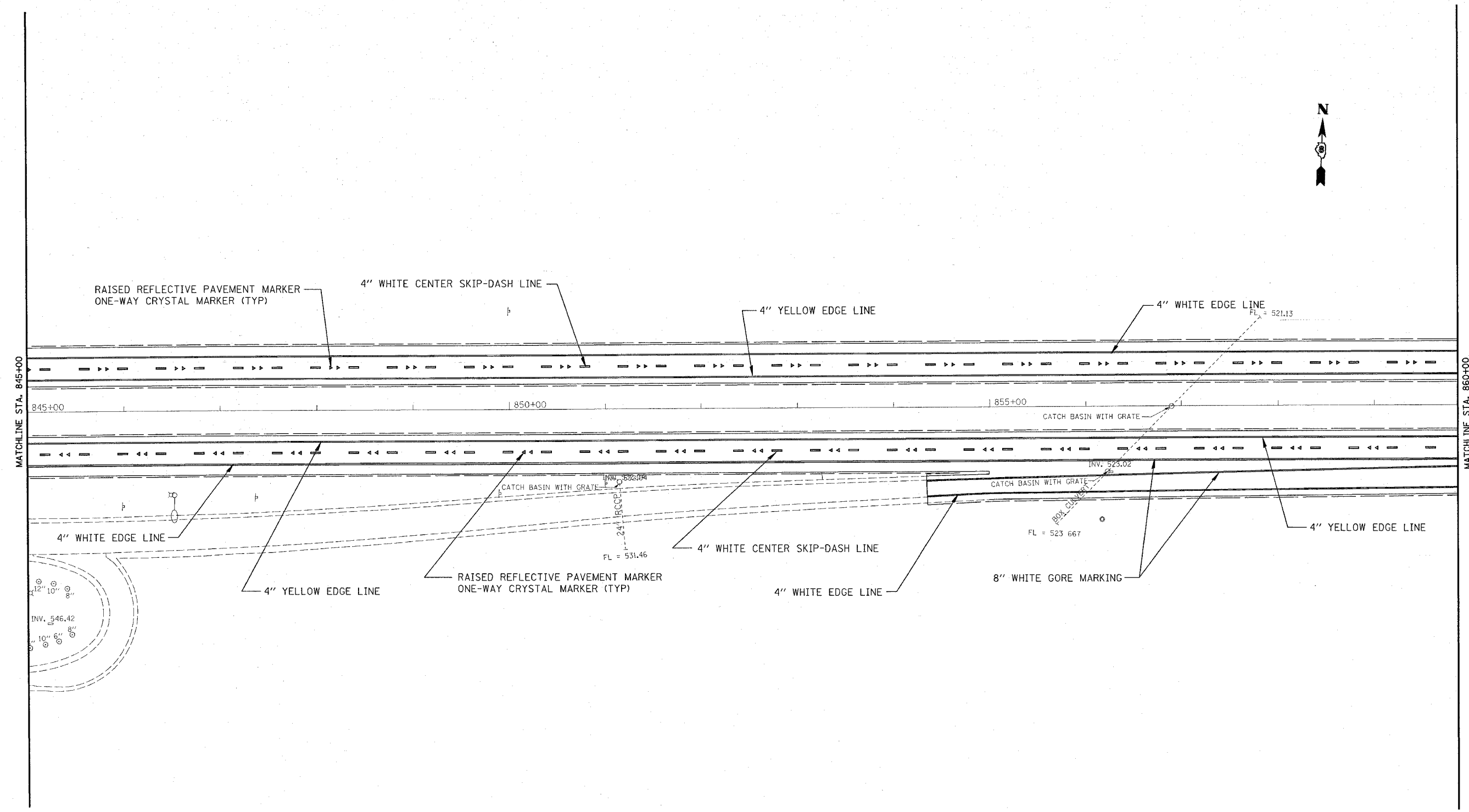
DRAWN BY:

PLOT DATE: *DATE-TIME*

DATE-TIME
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 REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	44
STA. TO STA.		CONTRACT NO.: 76813		

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		
NO. OF PAGES CHECKED		
NO. OF PAGES MADE		



DATE-TIME
 CON-SPEC
 REF-PL
 REF-PL



ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING SHEET

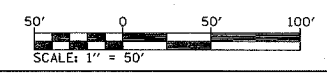
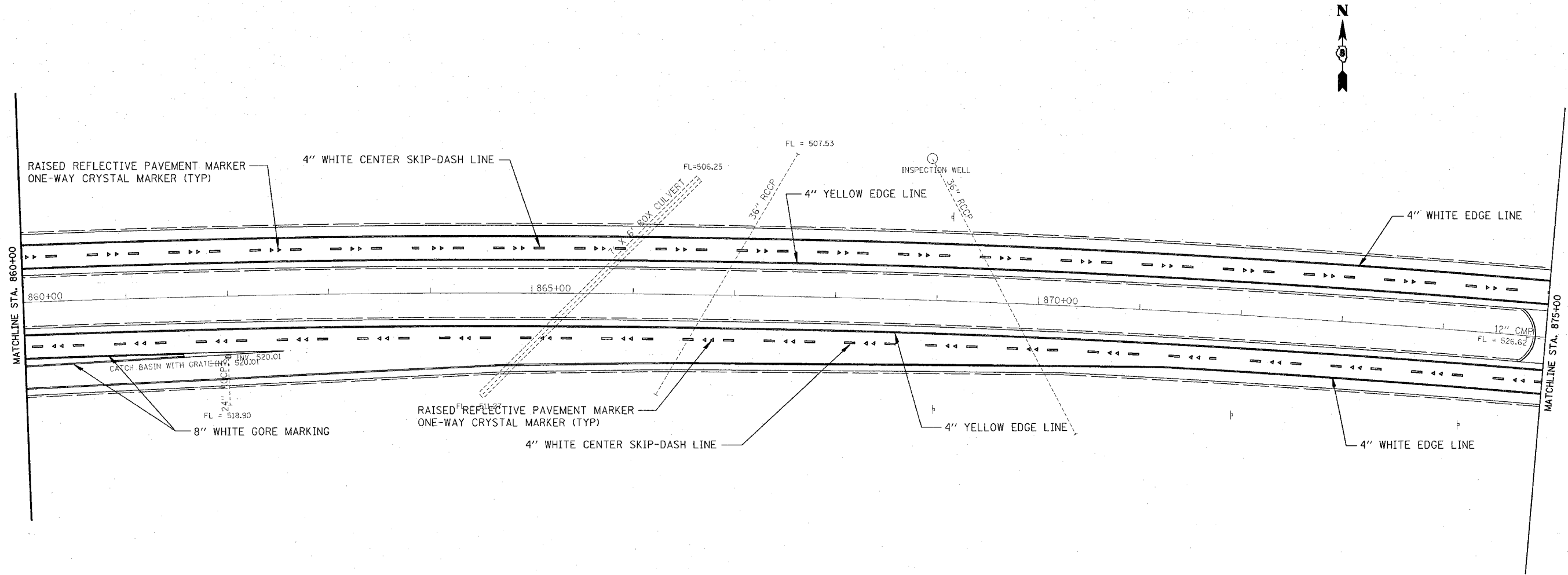
FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:
 PLOT DATE: *DATE-TIME*

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	45
STA. TO STA.				
CONTRACT NO.: 76813				

PLAN	DATE
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BY	
CHECKED	
DESIGNED	
APPROVED	
NO.	
DATE	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

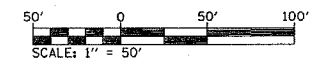
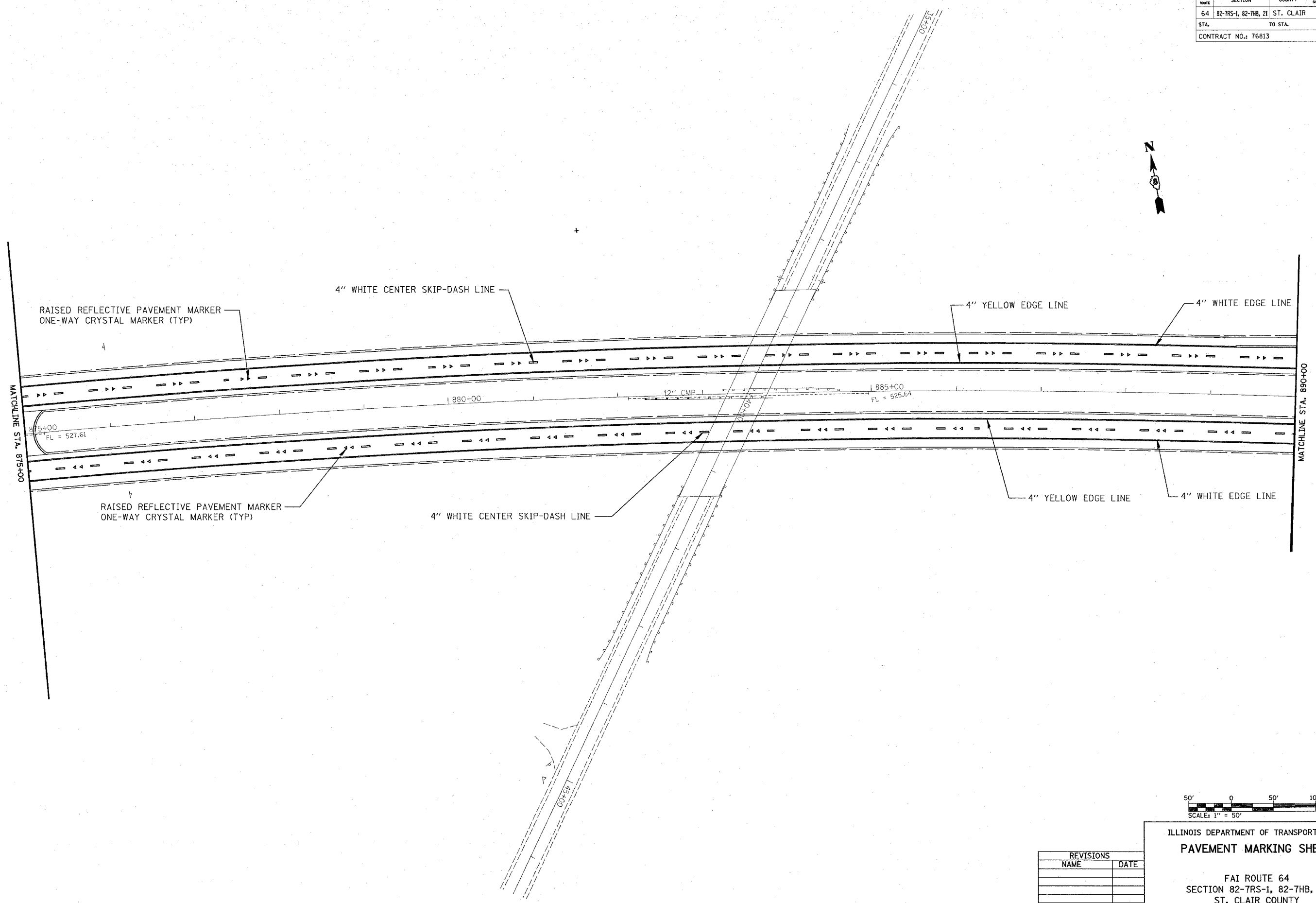
FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 2I
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: *DATE-TIME*

REVISIONS
DATE-TIME
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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB, 21	ST. CLAIR	89	46
STA.		TO STA.		
CONTRACT NO.: 76813				

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NAME	DATE

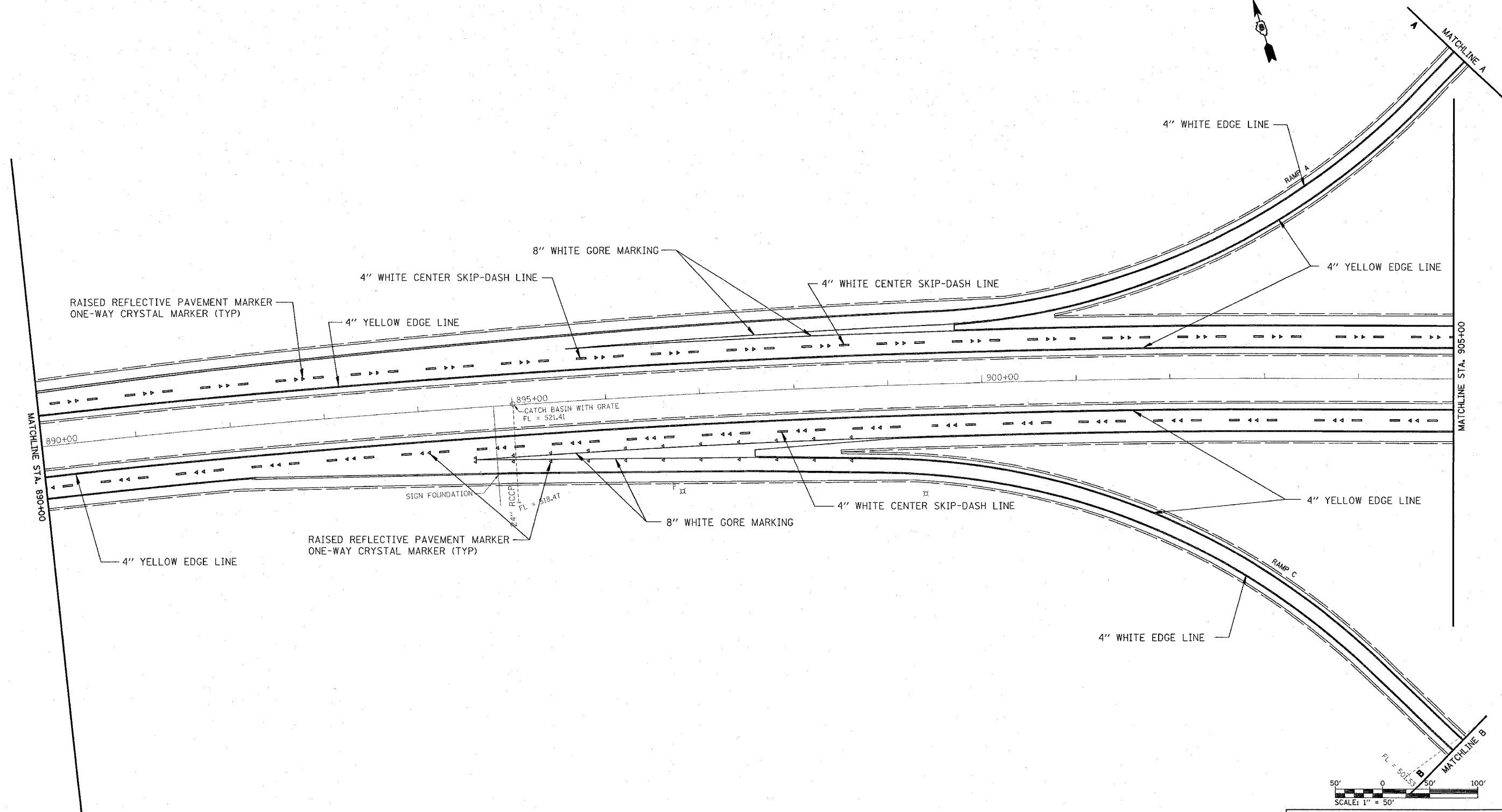
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 21
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

QUALITY CONTROL
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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	47
STA.		TO STA.		
CONTRACT NO.: 76813				



PLAN	DATE	BY
REVISED		
NOTE BOOK		
NO.		
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

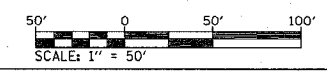
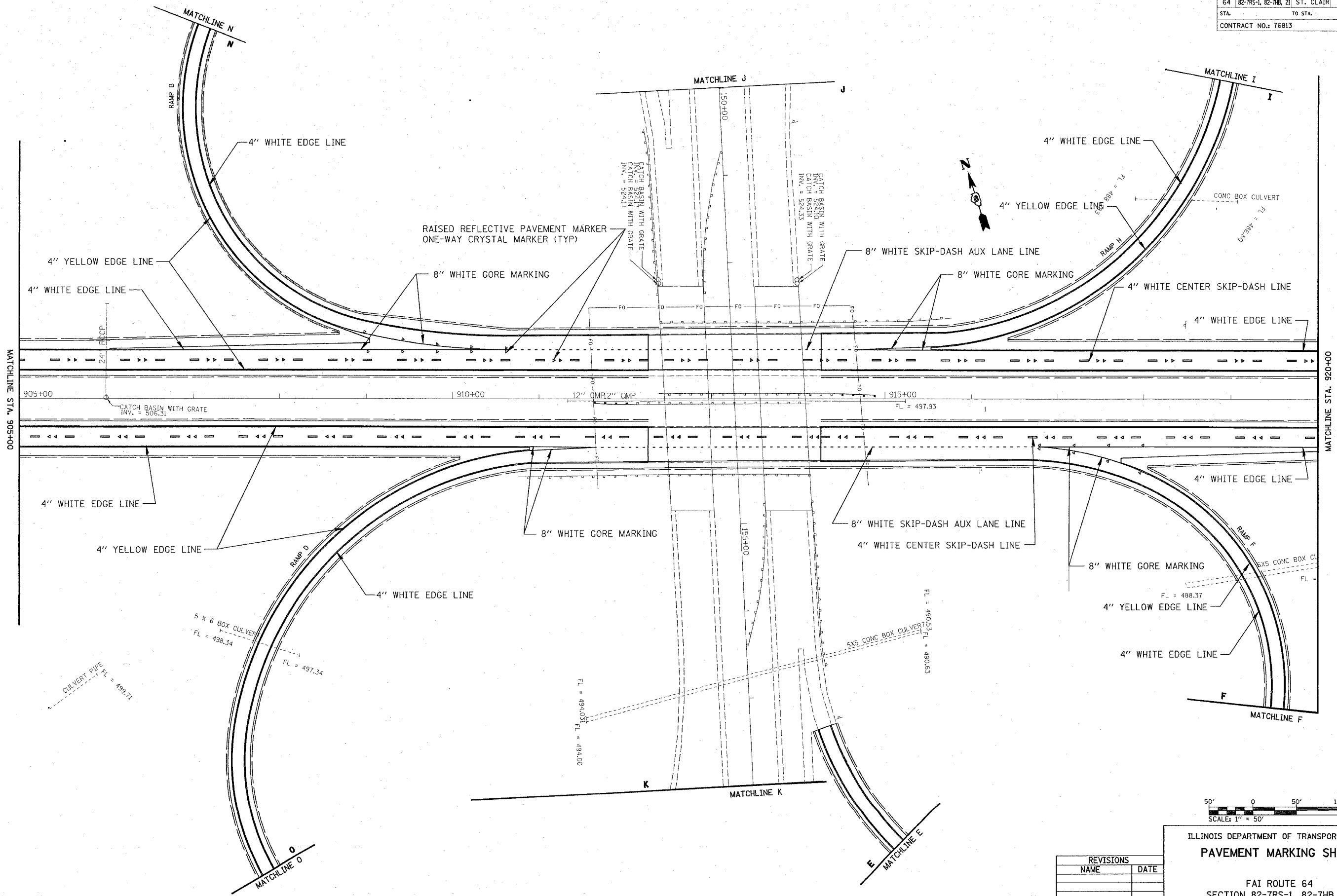
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NAME	DATE

DRAWN BY:
 PLOT DATE: *DATE-TIME*

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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB, 21	ST. CLAIR	89	48
STA.	TO STA.			
CONTRACT NO.: T6813				

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IN CHARGE	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

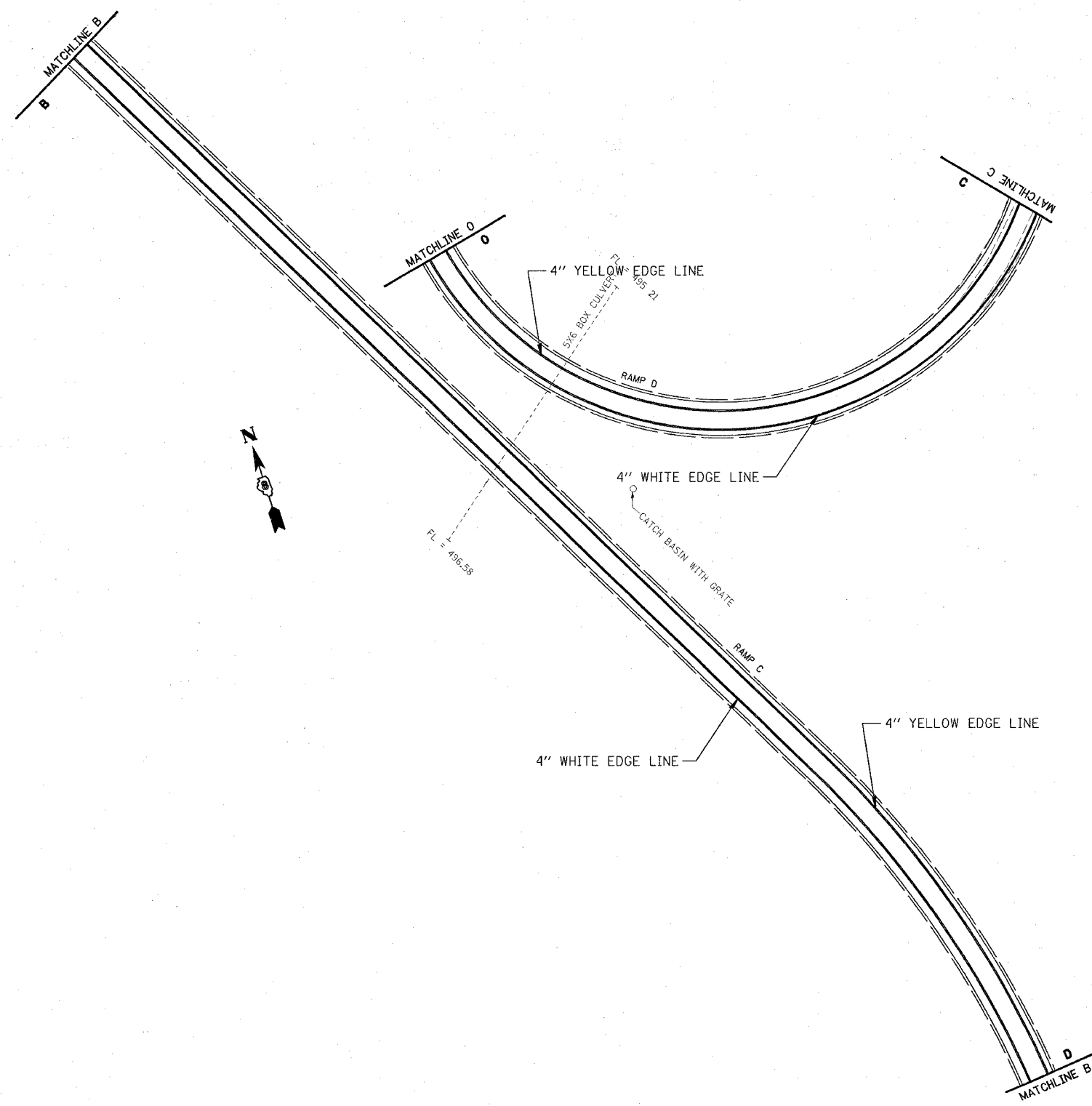
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SECTION 82-7RS-1, 82-7HB, 21
ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

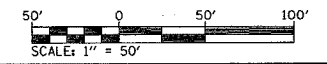
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PLOT DATE: *DATE-TIME*

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FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	49
STA.		TO STA.		
CONTRACT NO.: 76813				



PLAN	SERIALIZED	DATE
NOTE BOOK	PLotted	
NO.	RT. OF WAY CHECKED	
	CAD FILE NAME	



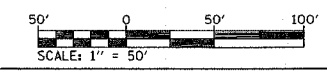
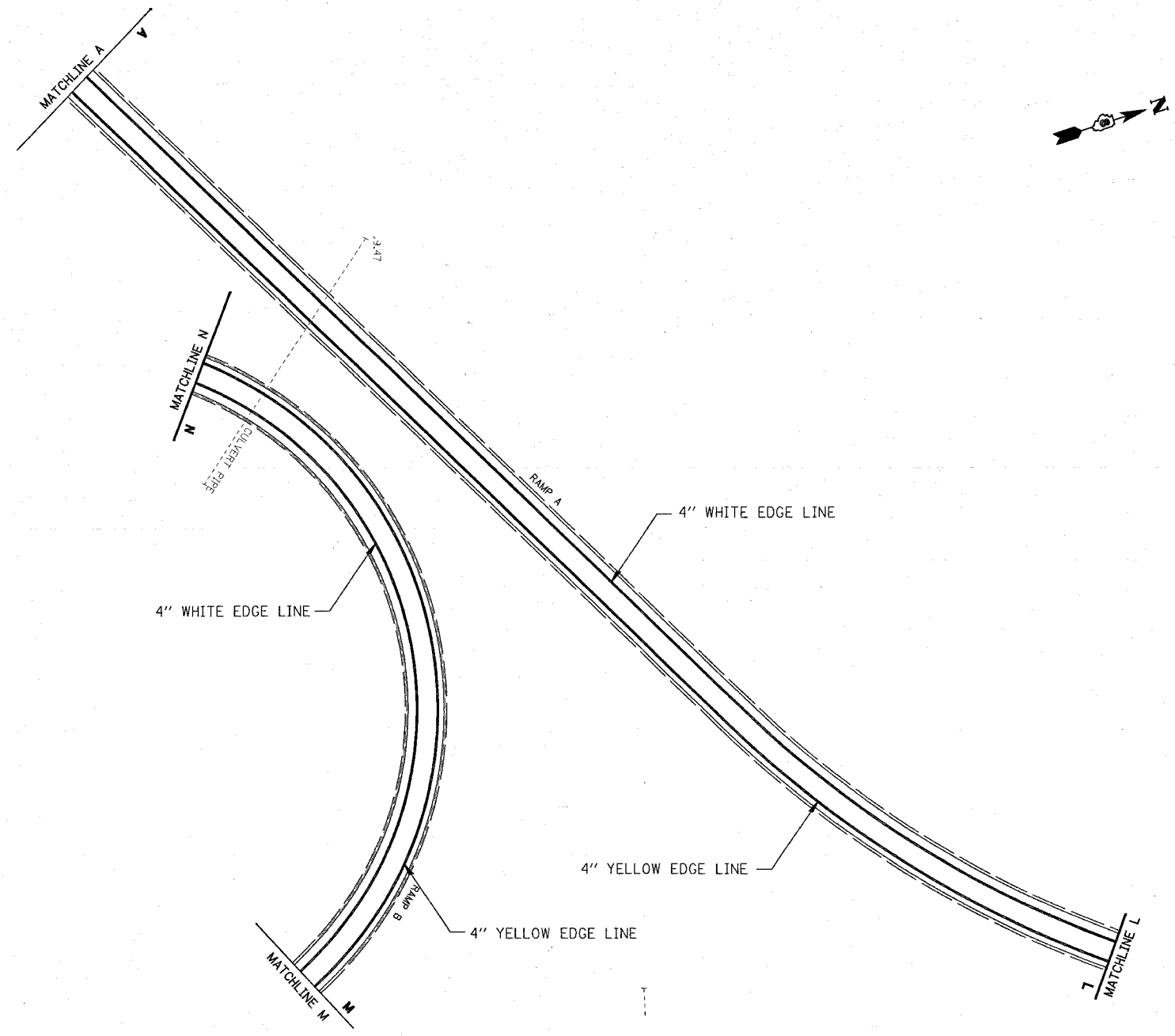
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

SCALE: 1" = 50'
 REF-FL14
 REF-REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 21	ST. CLAIR	89	50
STA.		TO STA.		
CONTRACT NO.: 76813				

PLAN	SURVEYED	DATE
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

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SECTION 82-7RS-1, 82-7HB, 21
ST. CLAIR COUNTY

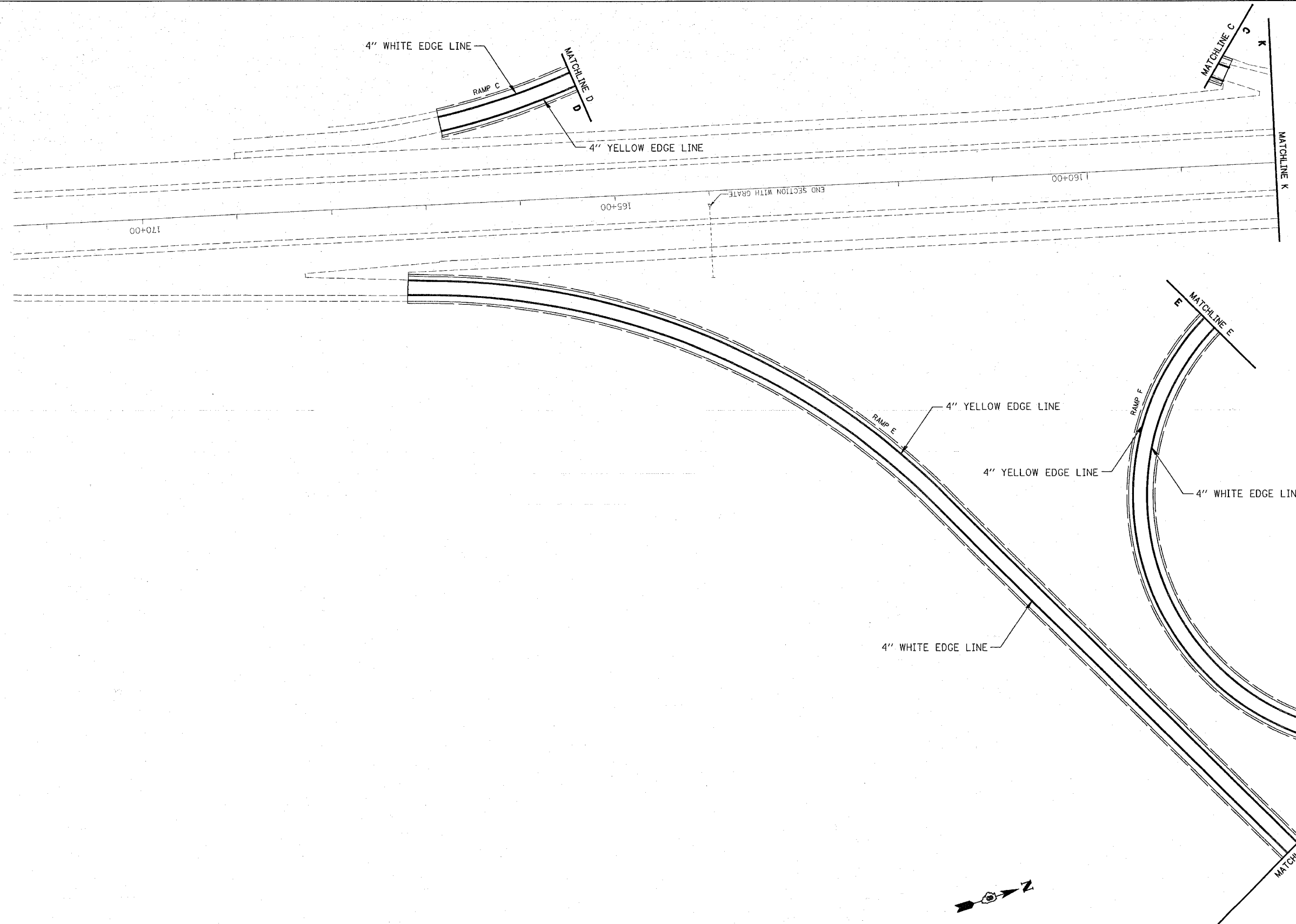
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NAME	DATE

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PLOT DATE: *DATE-TIME*

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DATE-TIME
DATE-TIME
DATE-TIME

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	51
STA. TO STA.		CONTRACT NO.: 76813		



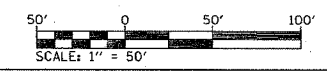
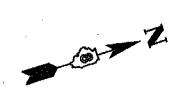
PLAN	NO.	BY	DATE
SURVEYED			
ALIGNED			
CHECKED			
BY			
FILE NAME			

4" WHITE EDGE LINE

4" YELLOW EDGE LINE

4" YELLOW EDGE LINE

4" WHITE EDGE LINE

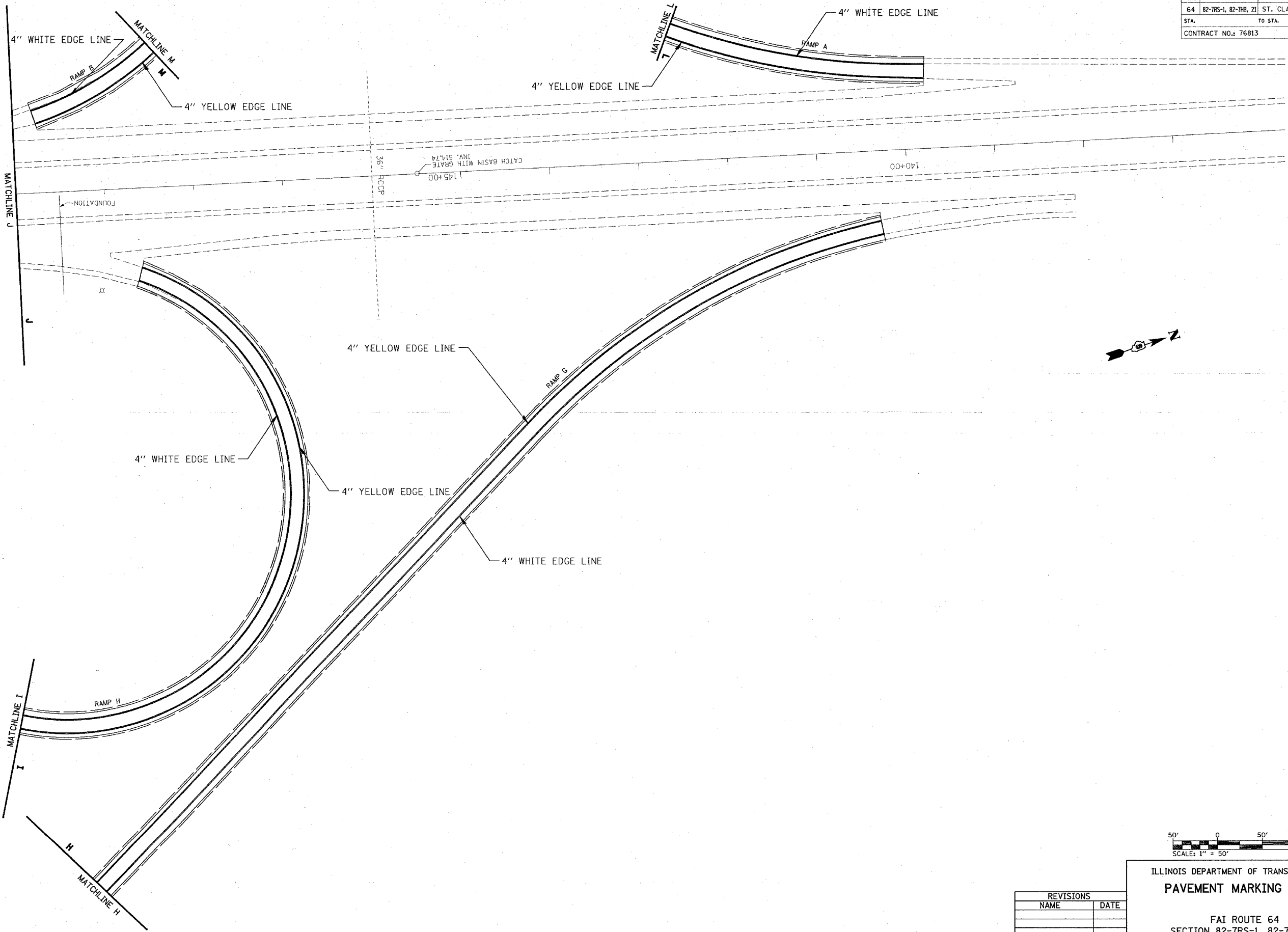


REVISIONS	
NAME	DATE

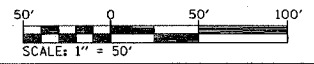
ILLINOIS DEPARTMENT OF TRANSPORTATION
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 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-7RS-1, 82-7HB, 21	ST. CLAIR	89	52
STA. TO STA.		CONTRACT NO.: T6813		



PLAN	DATE
NO.	BY
REVISED	DATE
NOTE BOOK	BY
ALIGNMENT CHECKED	DATE
PLAN CHECKED	DATE
ADD FILE NAME	



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 21
ST. CLAIR COUNTY

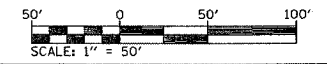
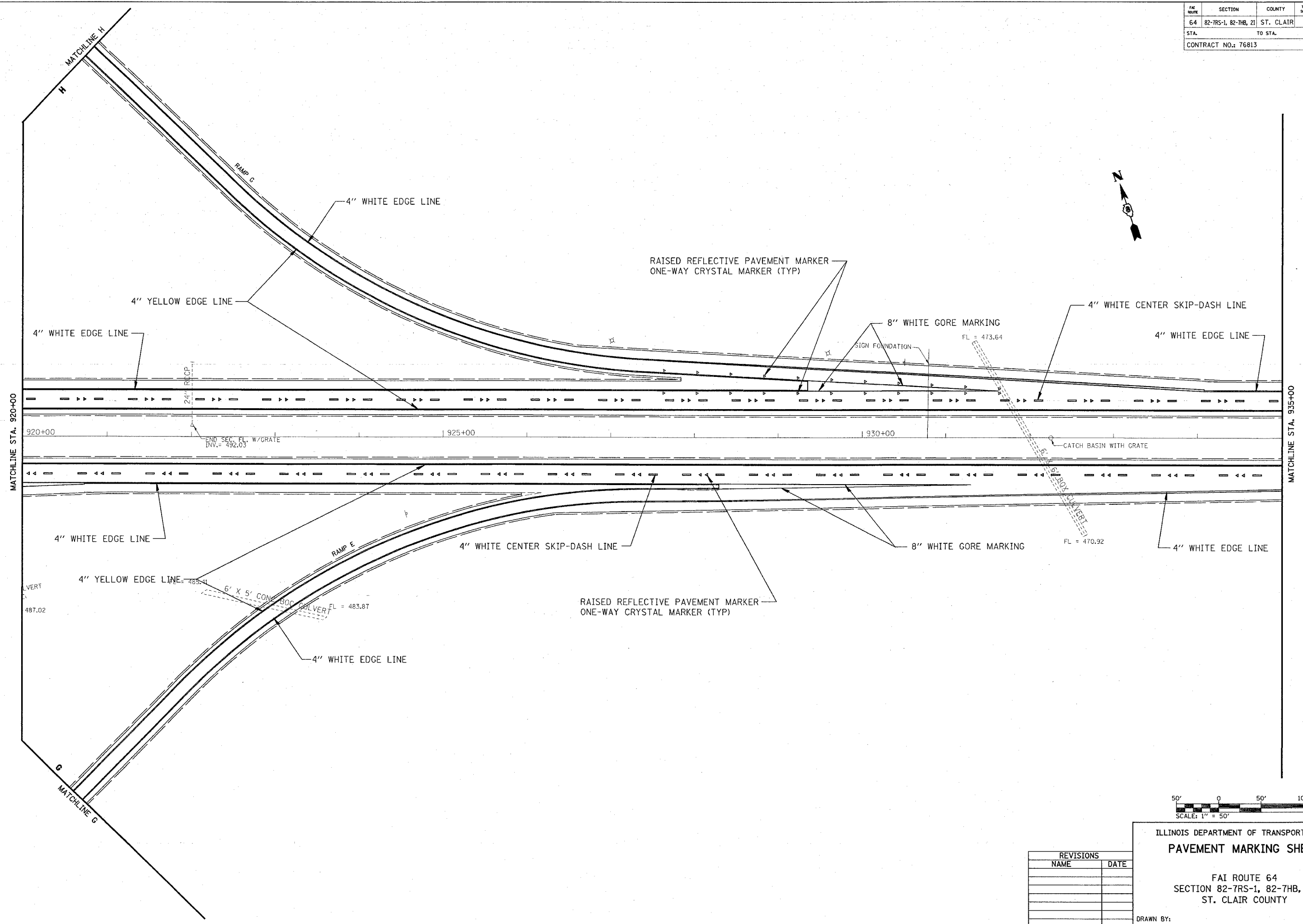
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NAME	DATE

DRAWN BY:

PLOT DATE: *DATE-TIME*

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64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	53
STA.	TO STA.			
			CONTRACT NO.: 76813	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FAI ROUTE 64
SECTION 82-7RS-1, 82-7HB, 2I
ST. CLAIR COUNTY

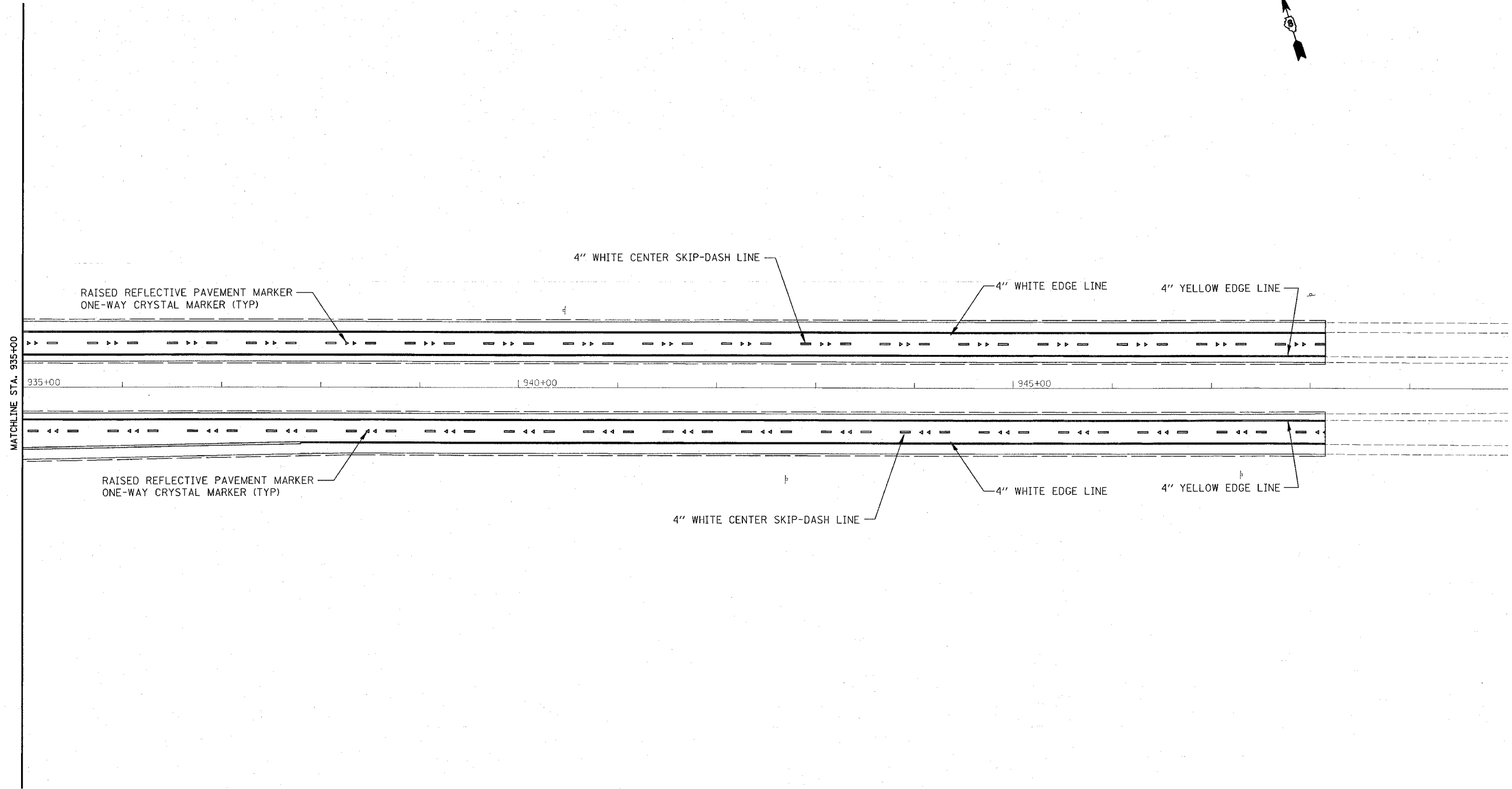
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DATE-TIME
DATE-TIME

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64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	54
STA. TO STA.				
CONTRACT NO.: T6813				



PLAN NO.	DATE
BY	
DESIGNED	
CHECKED	
APPROVED	
DATE	



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING SHEET

FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

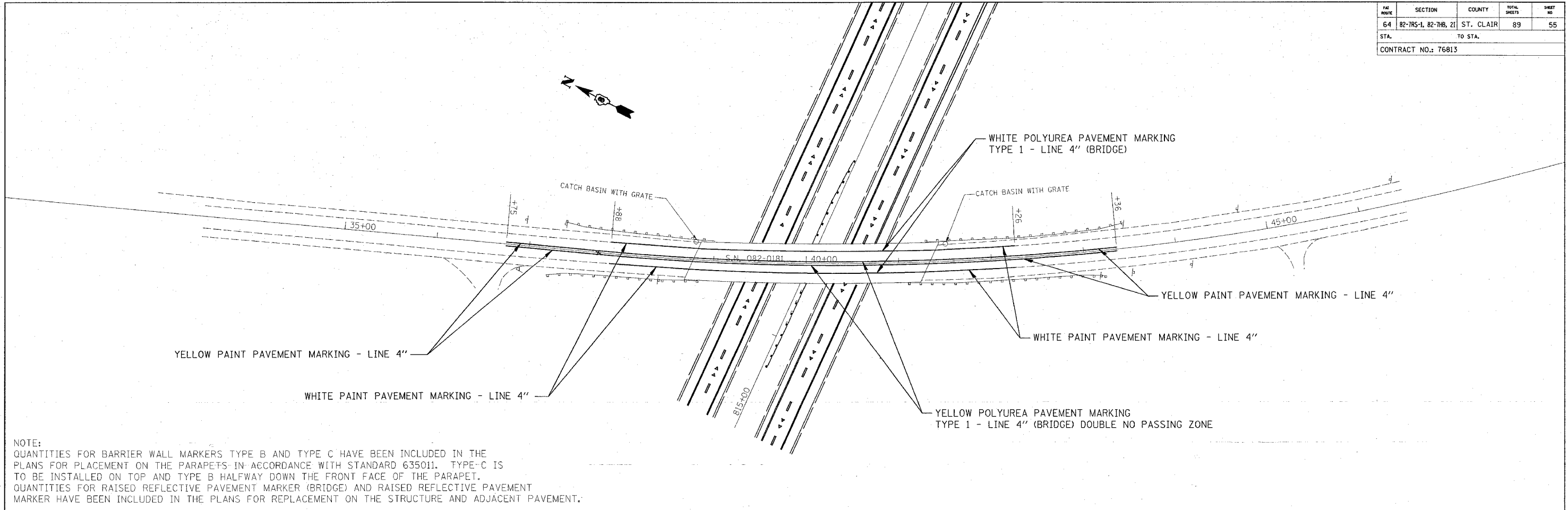
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PLOT DATE: *DATE-TIME*

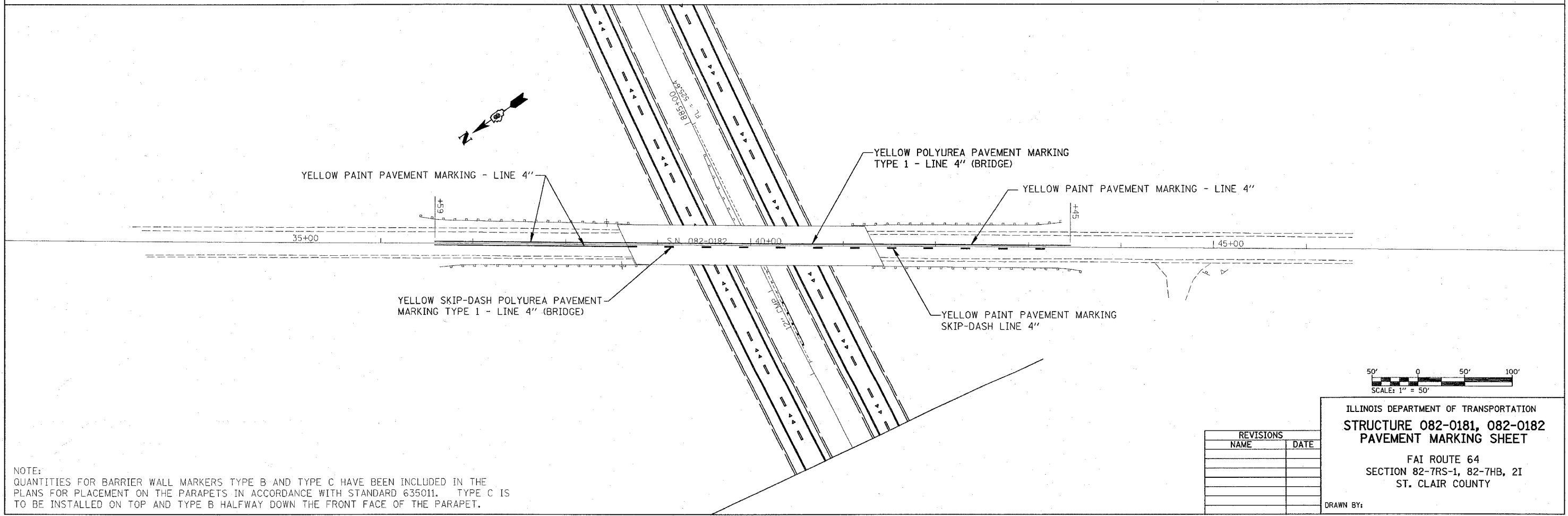
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FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	55
STA. TO STA.				
CONTRACT NO.: 76813				

PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	



NOTE:
 QUANTITIES FOR BARRIER WALL MARKERS TYPE B AND TYPE C HAVE BEEN INCLUDED IN THE PLANS FOR PLACEMENT ON THE PARAPETS IN ACCORDANCE WITH STANDARD 635011. TYPE-C IS TO BE INSTALLED ON TOP AND TYPE B HALFWAY DOWN THE FRONT FACE OF THE PARAPET.
 QUANTITIES FOR RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) AND RAISED REFLECTIVE PAVEMENT MARKER HAVE BEEN INCLUDED IN THE PLANS FOR REPLACEMENT ON THE STRUCTURE AND ADJACENT PAVEMENT.



NOTE:
 QUANTITIES FOR BARRIER WALL MARKERS TYPE B AND TYPE C HAVE BEEN INCLUDED IN THE PLANS FOR PLACEMENT ON THE PARAPETS IN ACCORDANCE WITH STANDARD 635011. TYPE C IS TO BE INSTALLED ON TOP AND TYPE B HALFWAY DOWN THE FRONT FACE OF THE PARAPET.



REVISIONS	
NAME	DATE

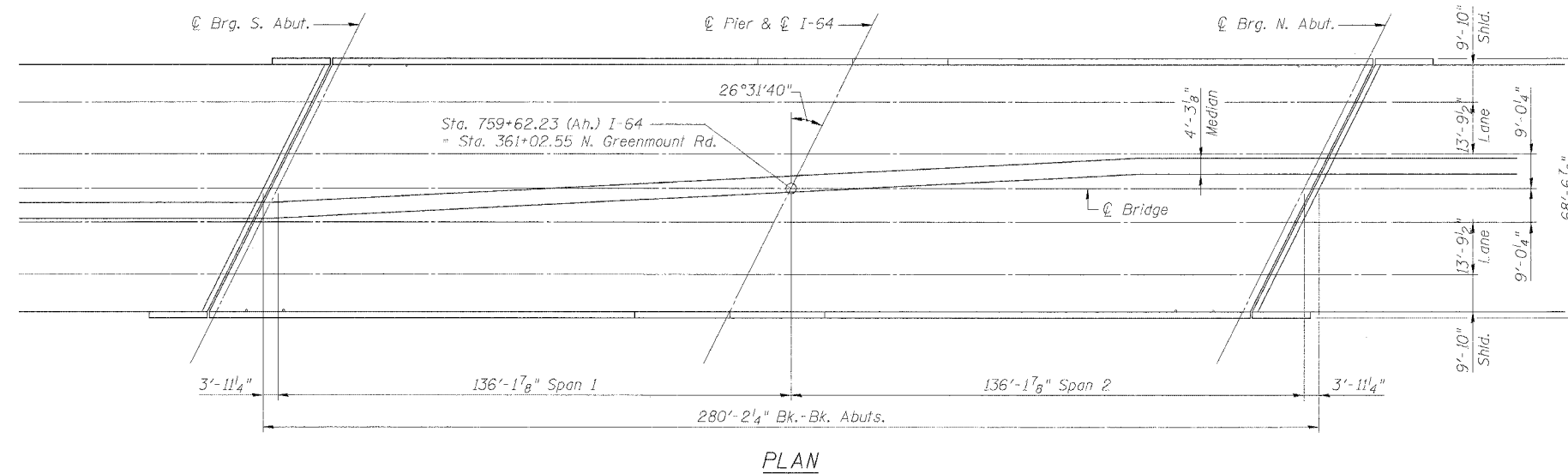
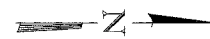
ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE 082-0181, 082-0182
PAVEMENT MARKING SHEET
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

•PLOTTER
 •NON-SPEC
 •REF.
 •REF.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

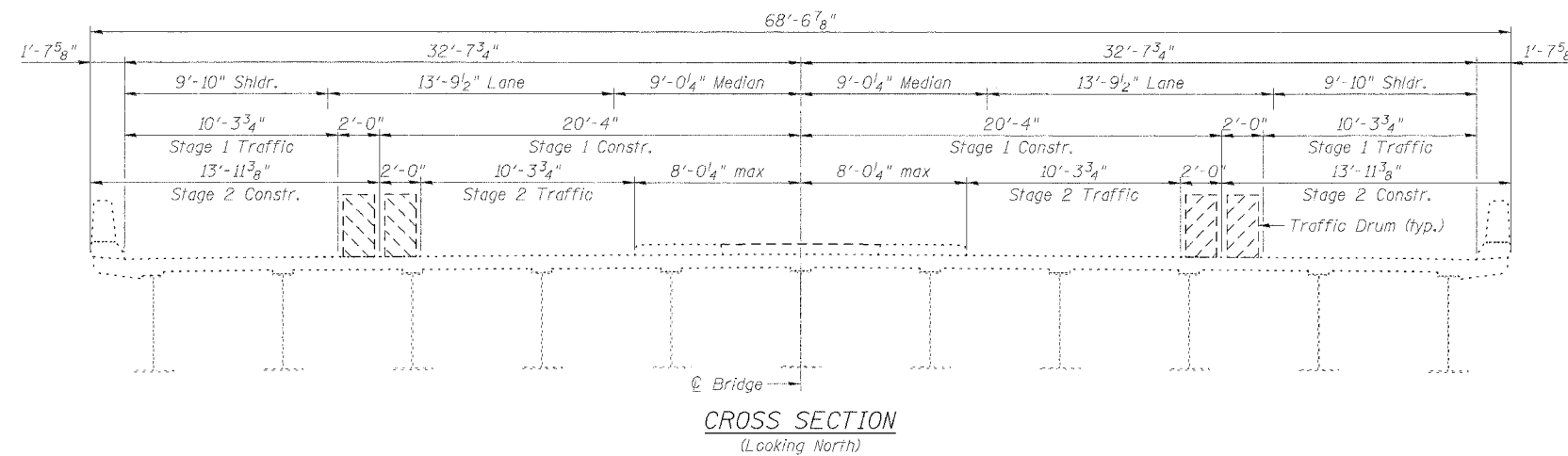
SHEET 1
OF 1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-THB-1, 21	ST. CLAIR	89	56
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76813				



GENERAL NOTES

A Concrete Sealer shall be applied to the surfaces of the deck and parapets (See Special Provisions for BRIDGE DECK CONCRETE SEALER).

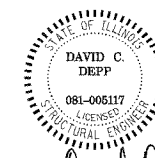


TOTAL BILL OF MATERIAL

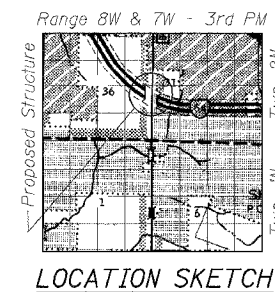
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Concrete Sealer	Sq Yd	2262	--	2262

DATE: 03/28/2005 12:20:56 USER: P. Roy FILE: F:\N032 IL-DBV\2 I-64 Bridge Repairs\I-64 Greenmount\032083-Greenmount.dgn

<p>Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois</p>			
DESIGNED:	CDB	DRAWN:	SJS
CHECKED:	DCD	CHECKED:	CDB/DCD

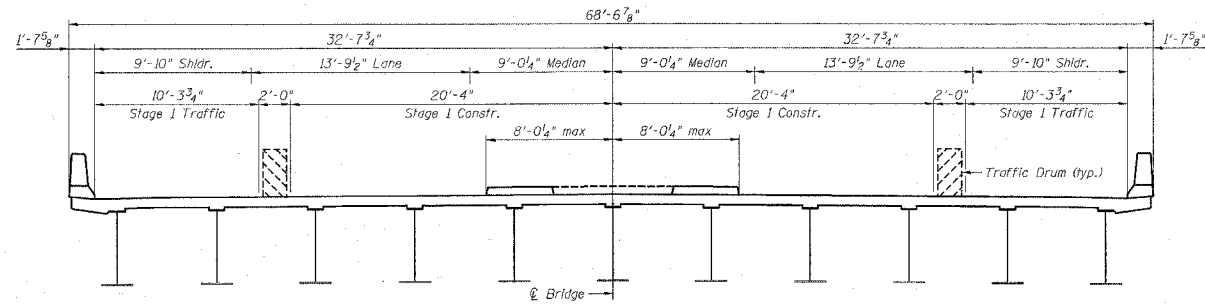


Signed: *David Depp*
Date: *3-28-2005*
Lic. Expires: 11-30-2006

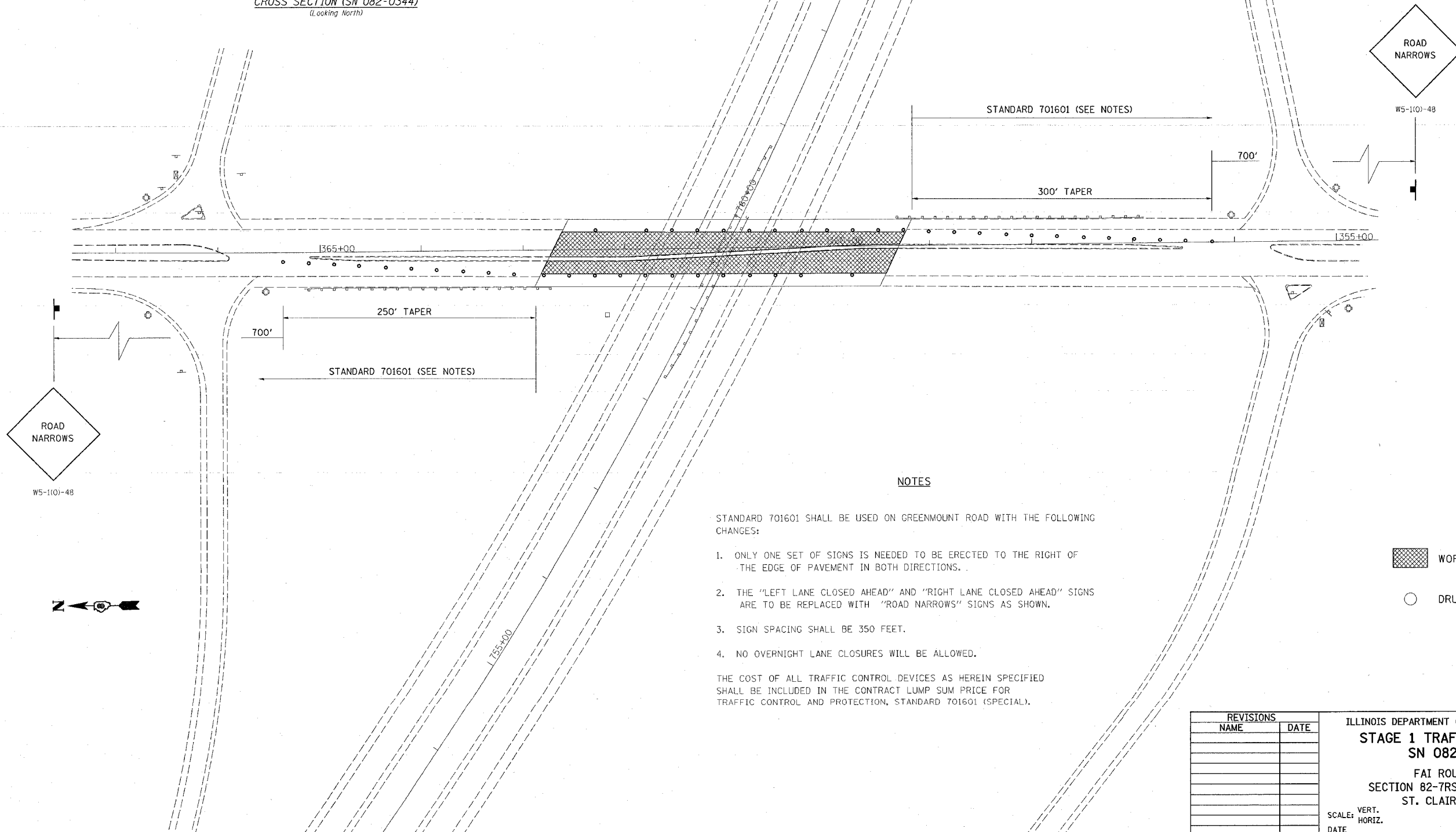


GENERAL PLAN
N. GREENMOUNT ROAD OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-TR5-1, 82-THB-1, 21
ST. CLAIR COUNTY
STATION 759+62.23
STRUCTURE NO. 082-0344

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



CROSS SECTION (SN 082-0344)
(Looking North)



NOTES

STANDARD 701601 SHALL BE USED ON GREENMOUNT ROAD WITH THE FOLLOWING CHANGES:

1. ONLY ONE SET OF SIGNS IS NEEDED TO BE ERECTED TO THE RIGHT OF THE EDGE OF PAVEMENT IN BOTH DIRECTIONS.
2. THE "LEFT LANE CLOSED AHEAD" AND "RIGHT LANE CLOSED AHEAD" SIGNS ARE TO BE REPLACED WITH "ROAD NARROWS" SIGNS AS SHOWN.
3. SIGN SPACING SHALL BE 350 FEET.
4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

THE COST OF ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 (SPECIAL).

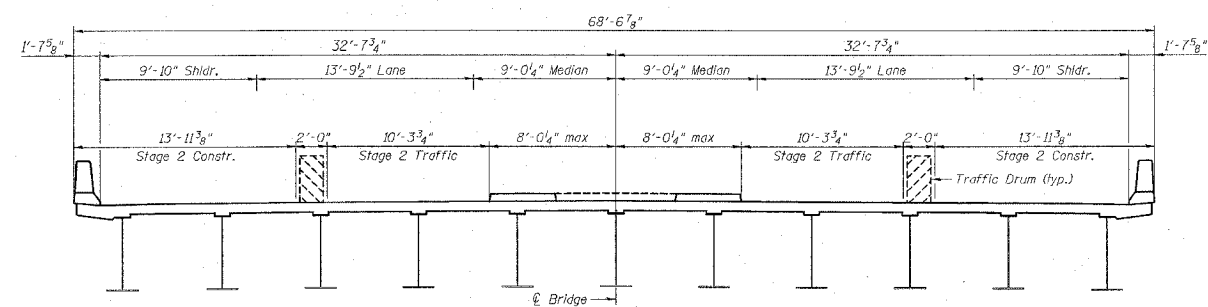
- WORK AREA
- DRUM OR CONE

REVISIONS	
NAME	DATE

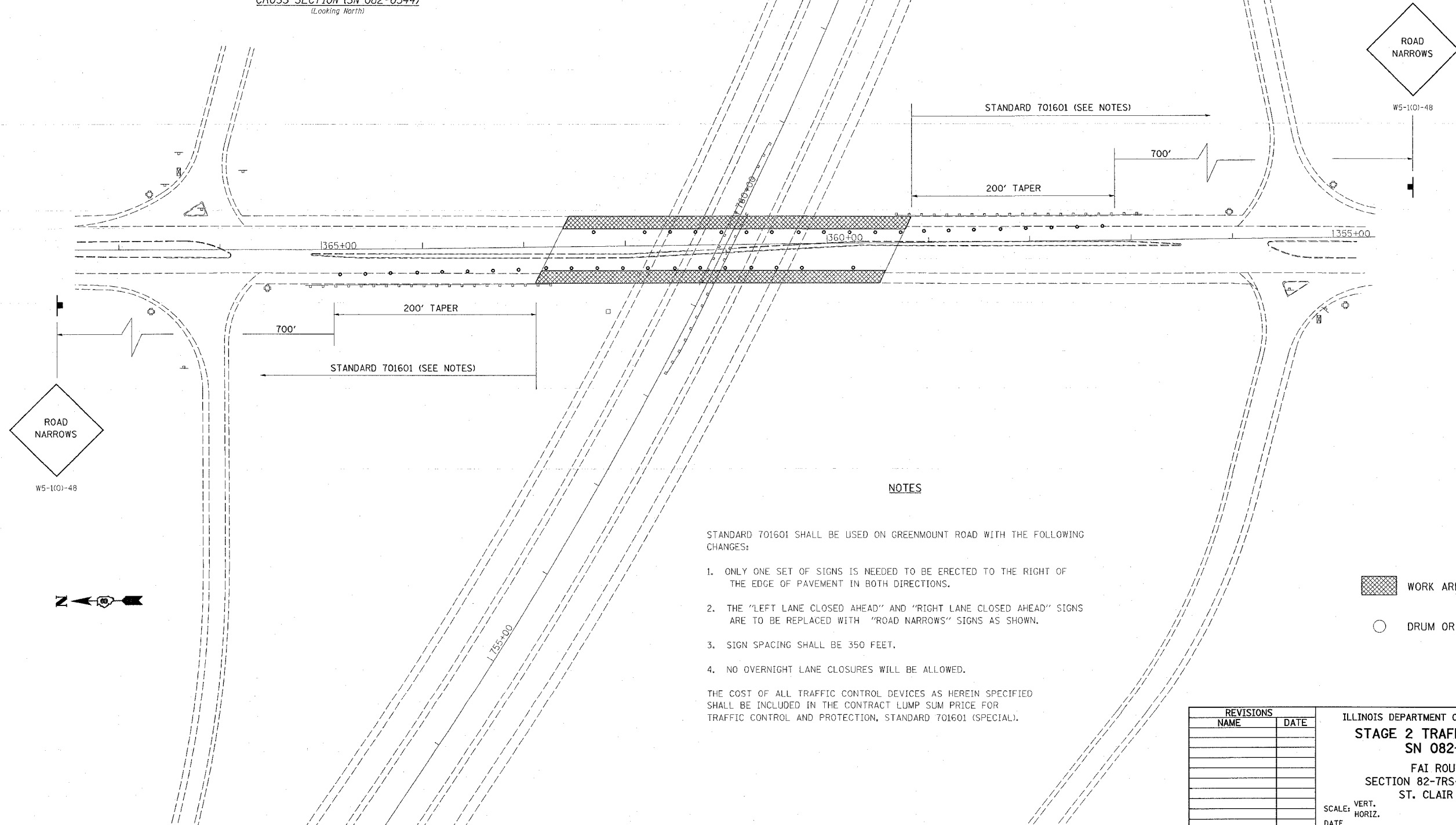
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 TRAFFIC CONTROL
SN 082-0344
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #DAYS#
 FILE NAME = #FILE#
 PLOTTER = #PLOT#
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CROSS SECTION (SN 082-0344)
(Looking North)



NOTES

STANDARD 701601 SHALL BE USED ON GREENMOUNT ROAD WITH THE FOLLOWING CHANGES:

1. ONLY ONE SET OF SIGNS IS NEEDED TO BE ERECTED TO THE RIGHT OF THE EDGE OF PAVEMENT IN BOTH DIRECTIONS.
2. THE "LEFT LANE CLOSED AHEAD" AND "RIGHT LANE CLOSED AHEAD" SIGNS ARE TO BE REPLACED WITH "ROAD NARROWS" SIGNS AS SHOWN.
3. SIGN SPACING SHALL BE 350 FEET.
4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

THE COST OF ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 (SPECIAL).

- WORK AREA
- DRUM OR CONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 TRAFFIC CONTROL
SN 082-0344
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 04/15/08
 FILE NAME = 871414.dwg
 PLOT SCALE = 1/8"=1'-0"
 REFERENCE = SHEET 58

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. T6813	

INDEX OF SHEETS

Sheet No.	Description
1	Gen Plan, Gen Notes & Total Bill of Mat'l
2	Deck Plan
3	Superstructure
4	Bearings
5	Anchor Bolt Details
6	Pier
7	North Abutment
8	South Abutment

GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 at the unit price for the work.

Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60. Reinforcement bars designated (E) shall be epoxy coated.

All epoxy grouted bars shall have a minimum embedment as shown on the plans and shall be placed according to Section 584 of the Standard Specifications. Cost of hole drilling and epoxy grouting is included with "Reinforcement Bars, Epoxy Coated".

All structural steel shall be AASHTO M 270 Grade 36, unless noted otherwise.

Calculated weight of Structural Steel:
M270 Grade 36 = 430 lbs., M270 Grade 50 = 1130 lbs.

Existing bearings at the Abutments and Pier shall be removed and replaced according to the plans. Jacking shall be according to the Special Provisions for "JACK AND REMOVE EXISTING BEARINGS". If web stiffeners are not present directly over the jack location, hardwood timbers should be installed tightly between top and bottom flanges to prevent rotation. It is anticipated that the entire bridge must be temporarily jacked at least 1 inch above the existing position, to clear the pinholes when removing/replacing the pier bearings. The new bearings at the abutments and pier shall be in place and the jacks lowered before the new expansion joint seal is installed in the deck at the abutments.

Field welding of construction accessories will not be permitted to beams or girders.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

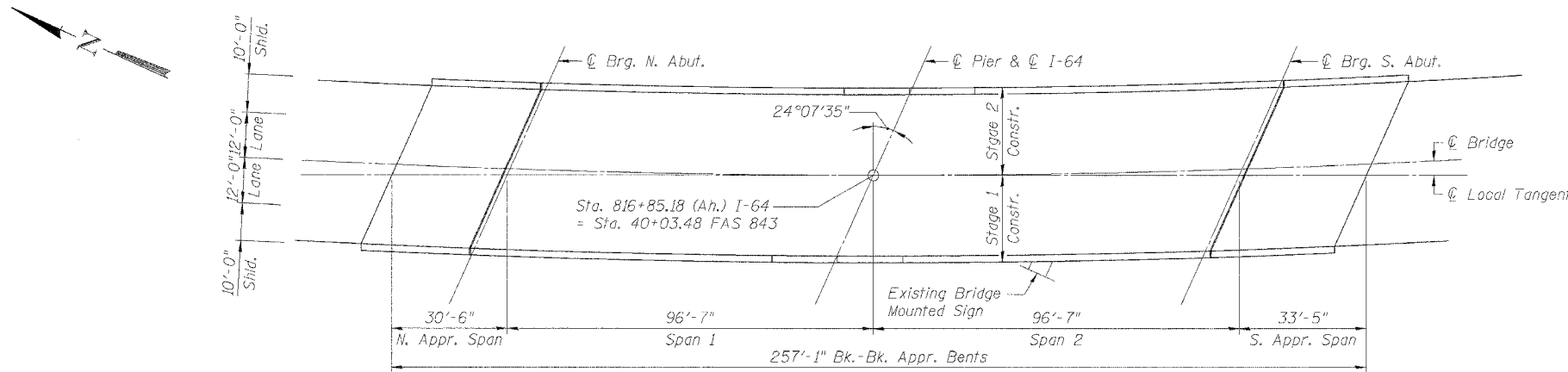
The existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300, Type I. Field painting of structural steel shall be done under a separate painting contract.

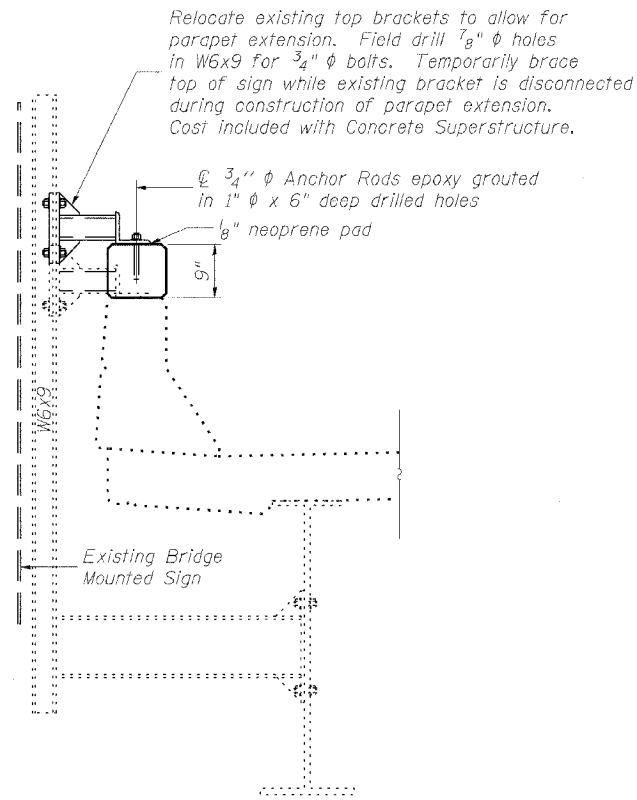
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8". Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/2" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each fixed bearing in addition to all other plates or shims. For Type I Elastomeric Bearings, two 1/2" adjusting shims shall be provided for each bearing and placed as detailed.

Bridge Seat Sealer shall be applied to the seat area of both Abutments.

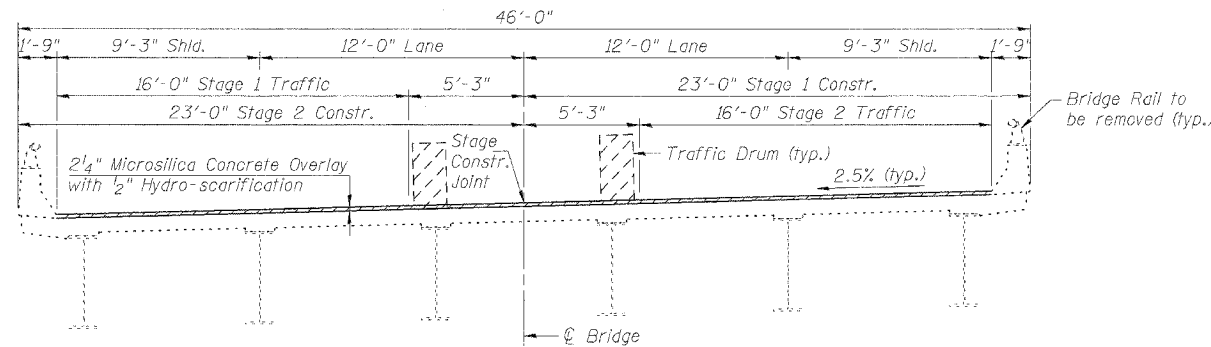
All construction joints shall be bonded.



PLAN



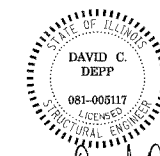
BRIDGE MOUNTED SIGN



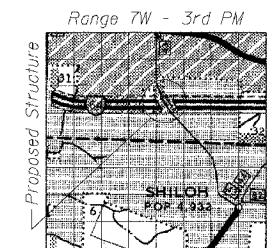
CROSS SECTION
(Looking South)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A1	Ton	--	59	59
Stone Riprap, Class A3	Ton	--	52	52
Filter Fabric For Use With Riprap	Sq Yd	--	208	208
Bridge Rail Removal	Foot	474	--	474
Floor Drains	Each	6	--	6
Concrete Structures	Cu Yd	--	3.9	3.9
Concrete Superstructure	Cu Yd	10.6	--	10.6
Bridge Deck Grooving	Sq Yd	1157	--	1157
Elastomeric Bearing Assembly, Type I	Each	--	12	12
Formed Concrete Repair (Depth < 5")	Sq Ft	--	12	12
Furnishing And Erecting Structural Steel	Pound	--	1560	1560
Jack And Remove Existing Bearings	Each	--	18	18
Reinforcement Bars, Epoxy Coated	Pound	2520	670	3190
Bridge Seat Sealer	Sq Ft	--	193	193
Polymer Concrete	Cu Ft	15	--	15
Silicone Joint Sealer, 1/2"	Foot	95	--	95
Silicone Joint Sealer	Foot	--	49	49
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq Yd	1214	--	1214
Bridge Deck Hydro-Scarification 1/2"	Sq Yd	1214	--	1214
Deck Slab Repair (Full Depth, Type II)	Sq Yd	5	--	5



Signed: David Depp
Date: 3-28-2005
Lic. Expires: 11-30-2006



LOCATION SKETCH

GENERAL PLAN
S. LINCOLN AVE. (FAS 843) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 816+85.18
STRUCTURE NO. 082-0181

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

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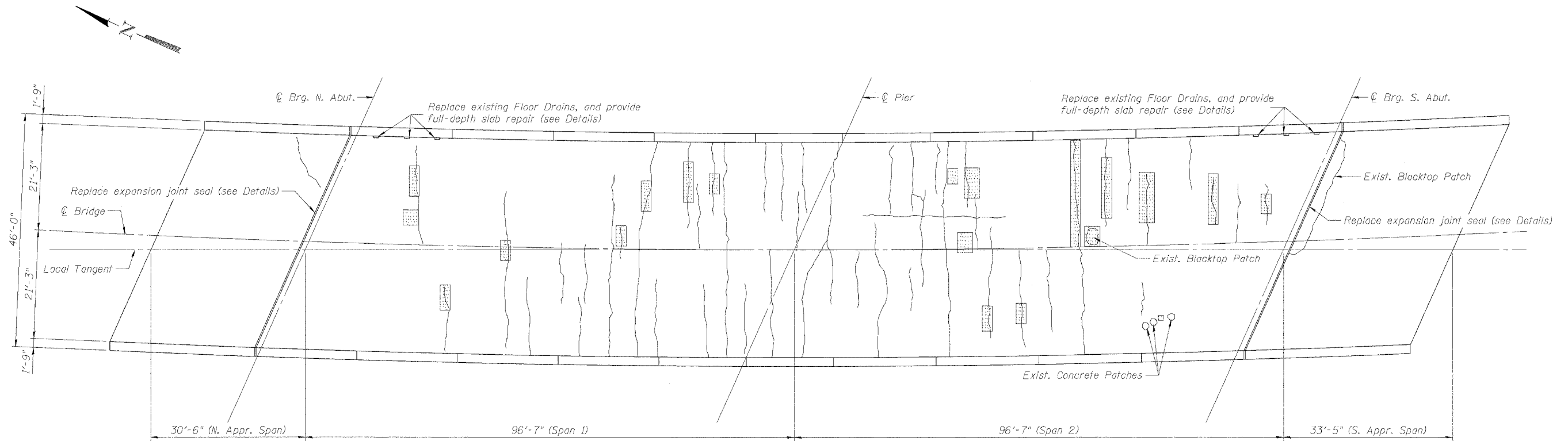
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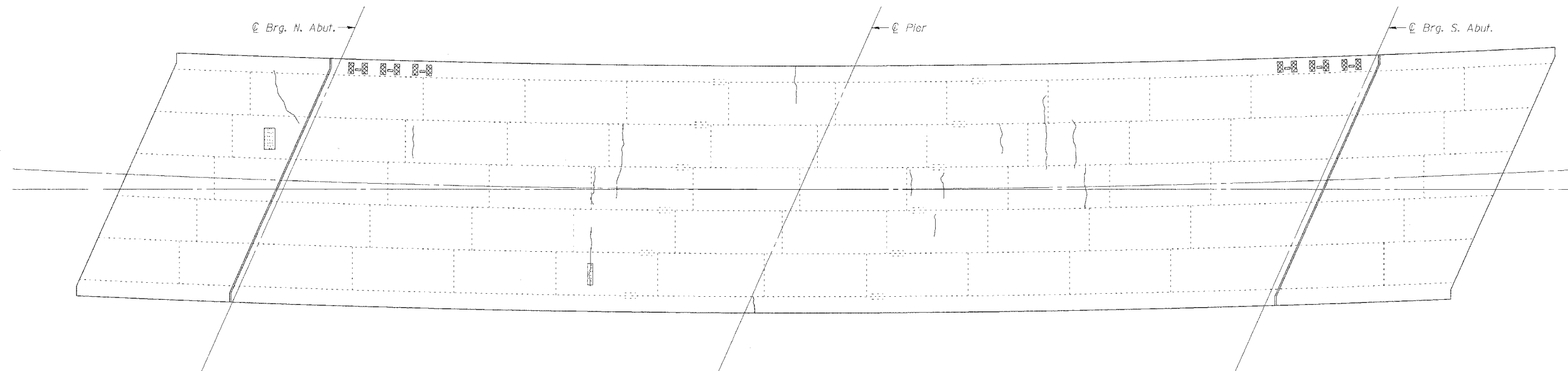
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 2
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	60
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76813	



TOP PLAN



BOTTOM PLAN

LEGEND

- Hollow or Unsound Concrete (284 S.F.)
- Spalled Concrete with Exposed Rebar (24 S.F.)
- Hairline Crack

NOTES:

Deck Condition Survey performed 8/31/2004.
The Engineer shall record actual locations of deck repair on the As-Built plans.

DECK PLAN

S. LINCOLN AVE. (FAS 843) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 816+85.18
STRUCTURE NO. 082-0181

Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois			
DESIGNED:	CDB	DRAWN:	SJS
CHECKED:	DCD	CHECKED:	CDB/DCD

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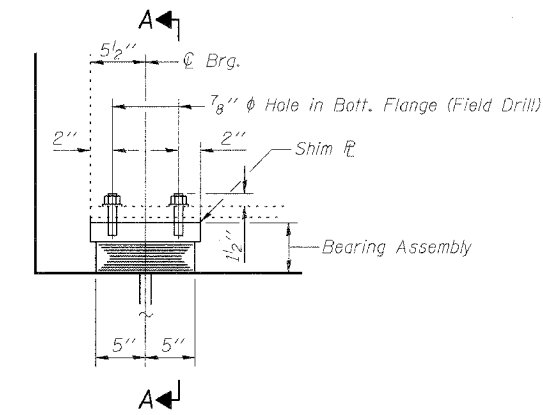
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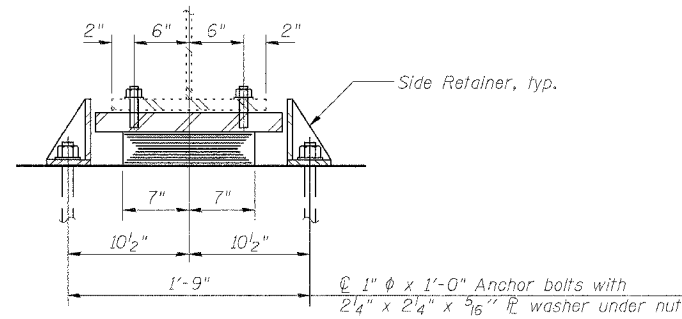
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 4
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	62
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813	

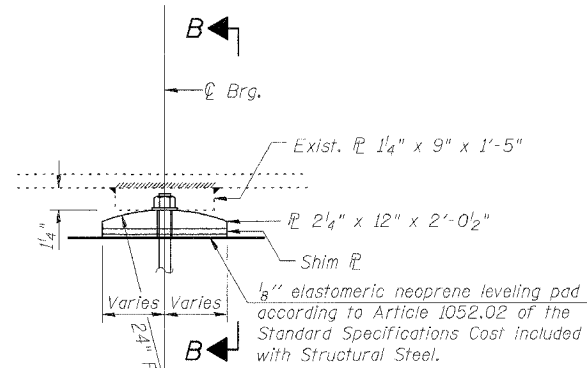


ELEVATION AT ABUT.



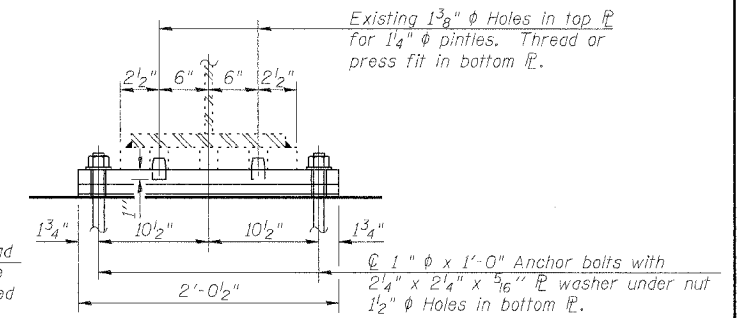
SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.

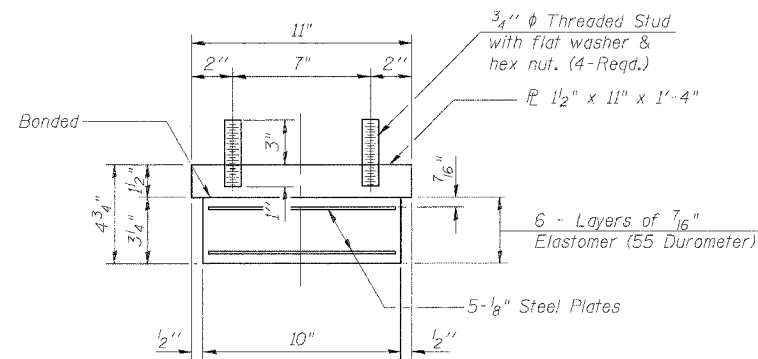


ELEVATION AT PIER

FIXED BEARING

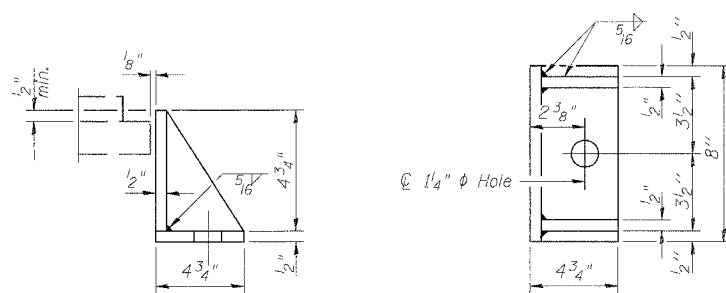


SECTION B-B



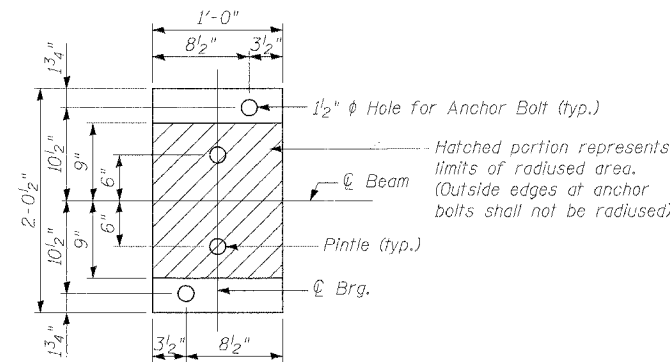
BEARING ASSEMBLY

Note:
Shim plates shall not be placed under Bearing Assembly.

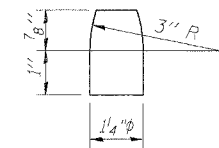


SIDE RETAINER

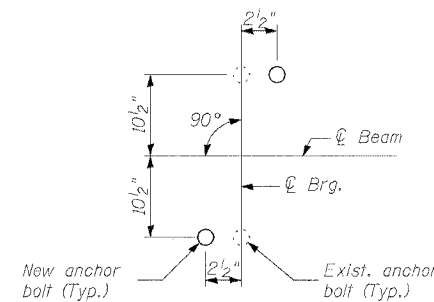
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.



BOTTOM PLATE-PLAN



PINTLE



ANCHOR BOLT LAYOUT AT ABUTMENTS AND PIER

	Abuts.	Pier
R (DL)	(K)	53.9
R (LL)	(K)	46.3
R (Imp)	(K)	10.5
R (Total)	(K)	279.9
Minimum Jack Capacity (Tons)	50	150

NOTES:

See Sheet 1 of 8 for Jacking notes.

See Sheet 5 of 8 for Anchor Bolt installation.

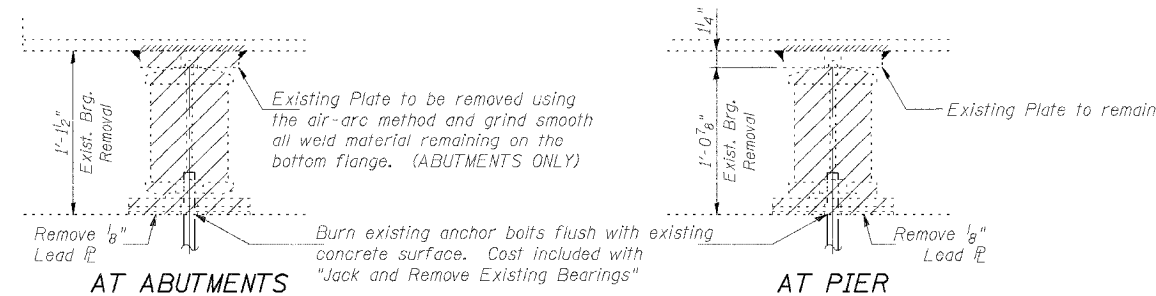
Prior to ordering any material, the Contractor shall verify in the field all existing bearing height and shim thickness dimensions.

Side Retainers, Shim Plates, Connection Bolts and Anchor Bolts are included with "F & E Structural Steel."

The structural steel bearing plates for the Expansion and Fixed Bearings shall conform to the requirements of AASHTO M 270 Grade 50.

BILL OF MATERIAL

Item	Unit	Total
Jack and Remove Existing Bearings	Each	18
Elastomeric Bearing Assembly Type I	Each	12
Furnishing and Erecting Structural Steel	Pound	1560



AT ABUTMENTS

AT PIER

EXISTING BEARING REMOVAL DETAIL

BEARINGS
S. LINCOLN AVE. (FAS 843) OVER INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21 ST. CLAIR COUNTY STATION 816+85.18 STRUCTURE NO. 082-0181

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

I-2-E1

10-22-04

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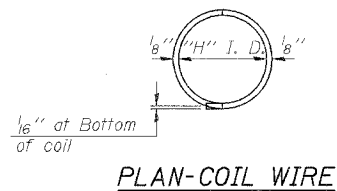
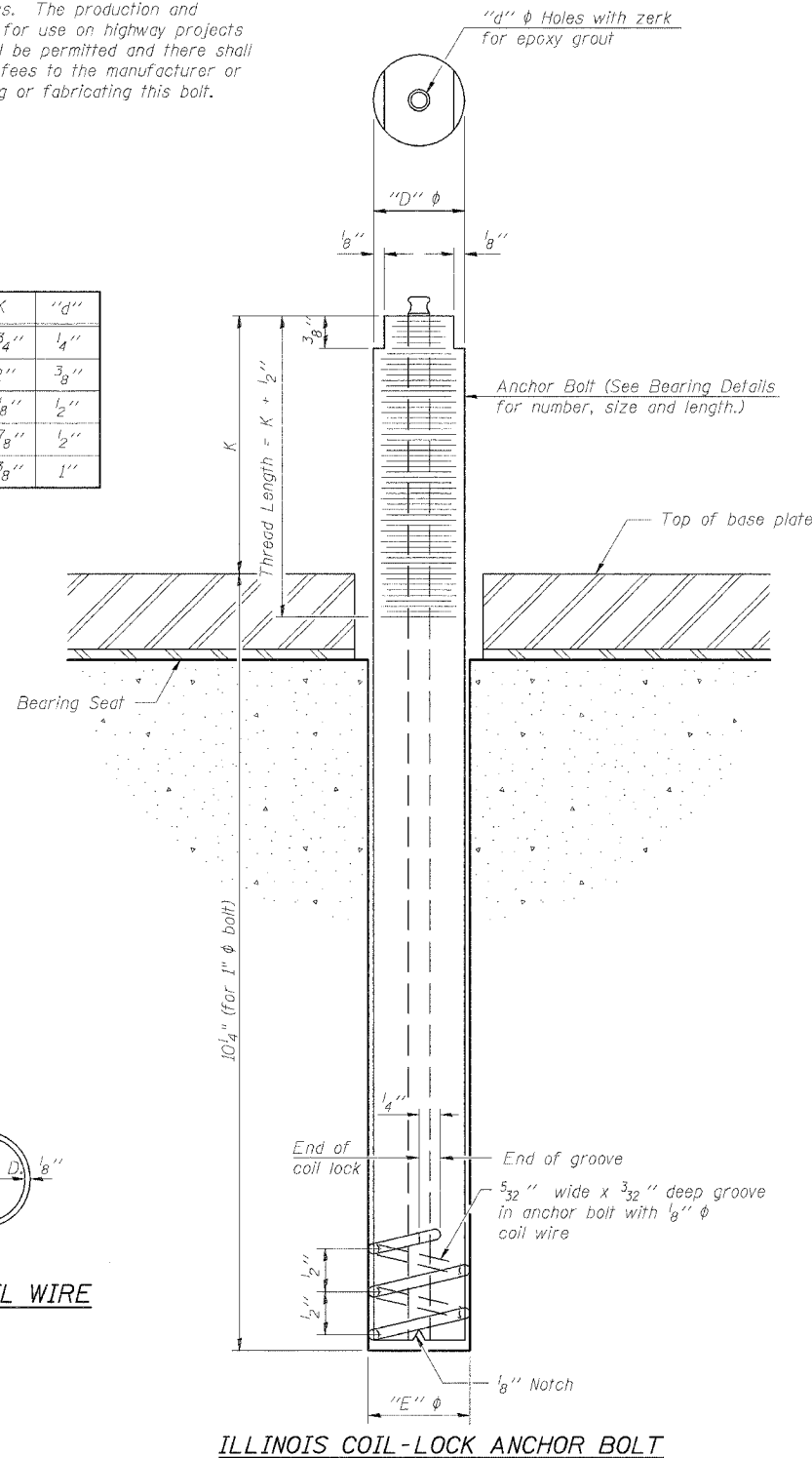
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 5
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	63
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76813				

The Illinois Coil-Lock Anchor Bolt is a proprietary item which is the property of the Illinois Department of Transportation. Use, reproduction or disclosure without express written permission is prohibited and protected under Federal copyright laws. The production and the fabrication of this bolt for use on highway projects in the State of Illinois shall be permitted and there shall be no incurred charges or fees to the manufacturer or the fabricator for producing or fabricating this bolt.

D	E	H	K	"d"
1"	1 1/8"	1 3/16"	1 3/4"	1/4"
1 1/4"	1 3/8"	1 1/16"	2"	3/8"
1 1/2"	1 5/8"	1 5/16"	2 1/8"	1/2"
2"	2 1/8"	1 13/16"	2 7/8"	1/2"
2 1/2"	2 5/8"	2 5/16"	3 3/8"	1"



MATERIALS FOR ILLINOIS COIL-LOCK ANCHOR BOLT

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and supplied with hexagonal nuts and cut washers.
The coil wire shall be made of any suitable soft steel wire.
The finished anchor bolt shall be cleaned of rust and other foreign materials and wrapped or packaged to prevent contamination until they are installed.
The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS COIL-LOCK ANCHOR BOLT

1. With the coil wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete bearing seat.
2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun. Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping is discontinued, excess epoxy shall be immediately wiped off.

ALTERNATE ANCHOR BOLTS

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.
The capsule or the adhesive cartridge type anchor rods shall be a two part system composed of:
1. A threaded rod stud with nut and washer of the type specified.
2. A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Location	Type
Abuts.	A325
Pier	A325

ASTM F 1554 Grade 105, ASTM A 449 and AASHTO M 314 Grade 105 anchor bolts may be substituted for the anchor bolts shown above.

ANCHOR BOLT DETAILS FOR BEARINGS
S. LINCOLN AVE. (FAS 843) OVER INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 816+85.18
STRUCTURE NO. 082-0181

DESIGNED:	CDB	DRAWN:	SJS
CHECKED:	DCD	CHECKED:	CDB/DCD

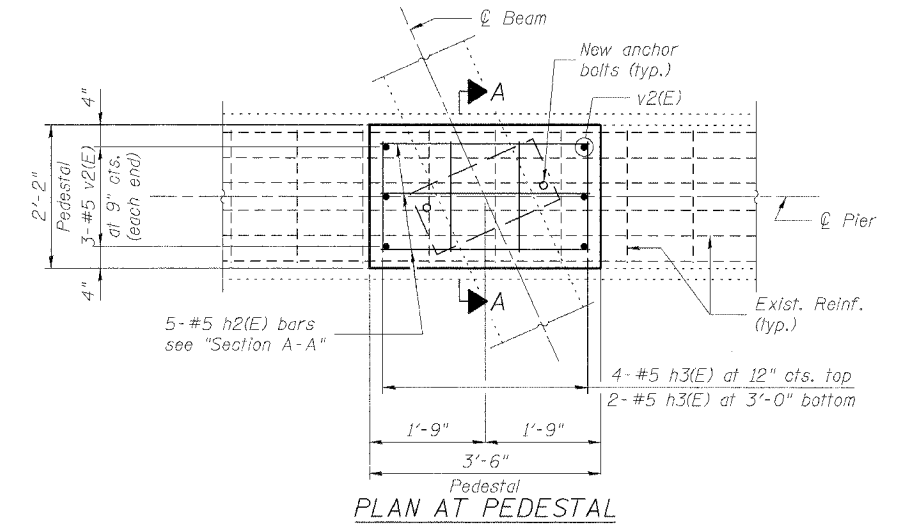
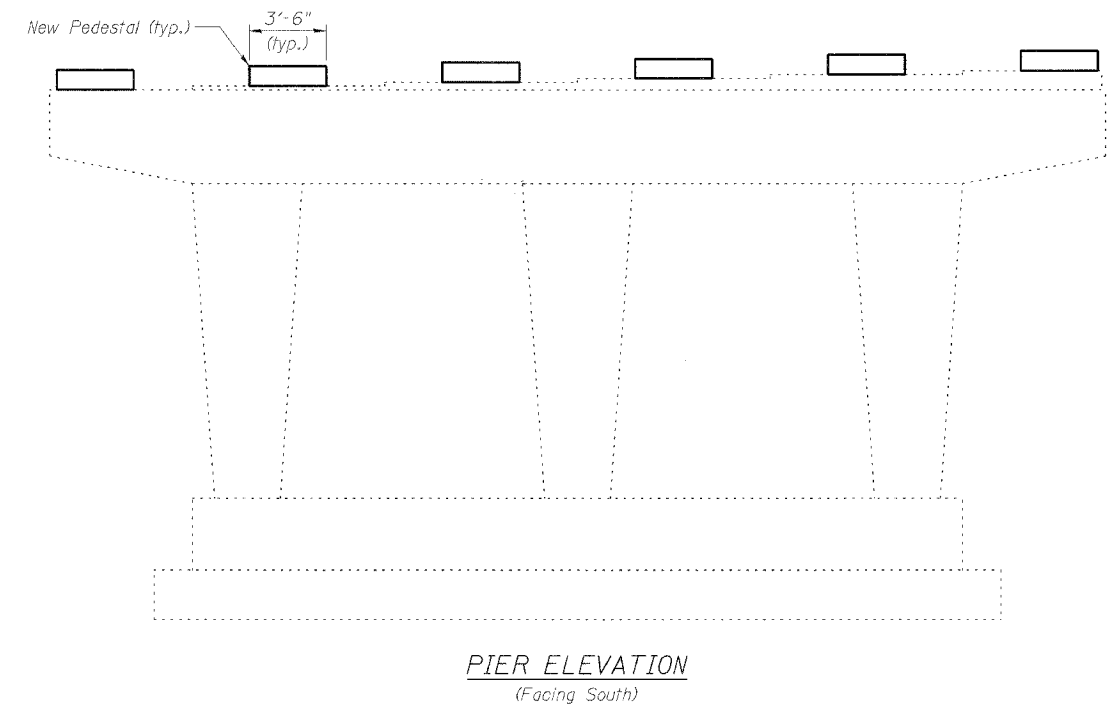
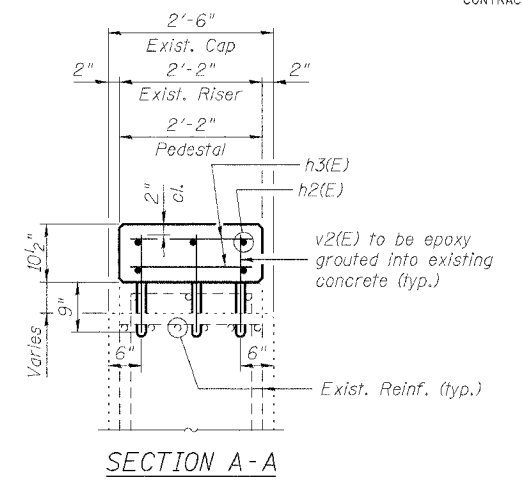
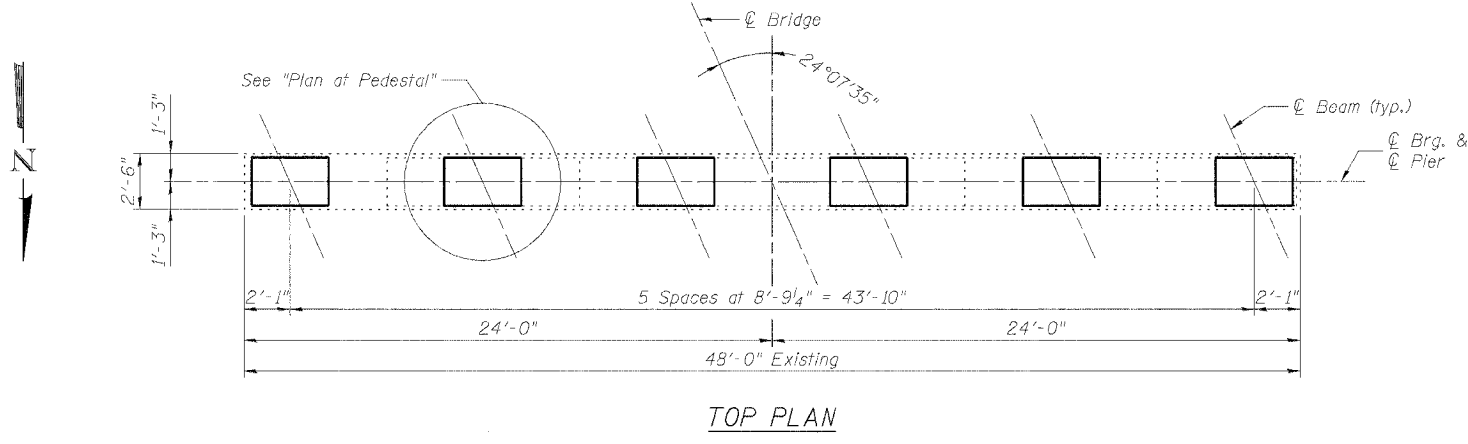
ABB-1

10-22-04

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 6
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	09	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813



BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h2(E)	30	#5	3'-2"	—	
h3(E)	36	#5	1'-10"	—	
v2(E)	36	#5	1'-5"	—	
Concrete Structures				Cu. Yd.	1.5
Reinforcement Bars, Epoxy Coated				Pound	230

Reinforcement Bars designated (E) shall be epoxy coated.

PIER
 S. LINCOLN AVE. (FAS 843) OVER
 INTERSTATE 64
 F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
 ST. CLAIR COUNTY
 STATION 816+85.18
 STRUCTURE NO. 082-0181

JD Johnson, Depp & Quisenberry
 CONSULTING ENGINEERS
 Springfield, Illinois

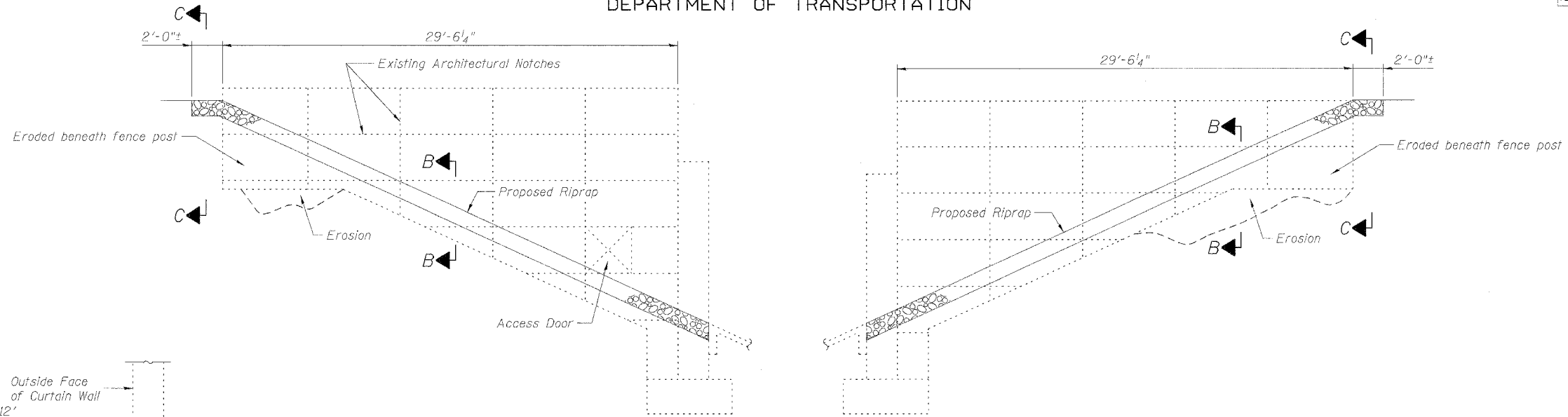
DESIGNED: CDB	DRAWN: P. Ray
CHECKED: DCD	CHECKED: CDB/DCD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

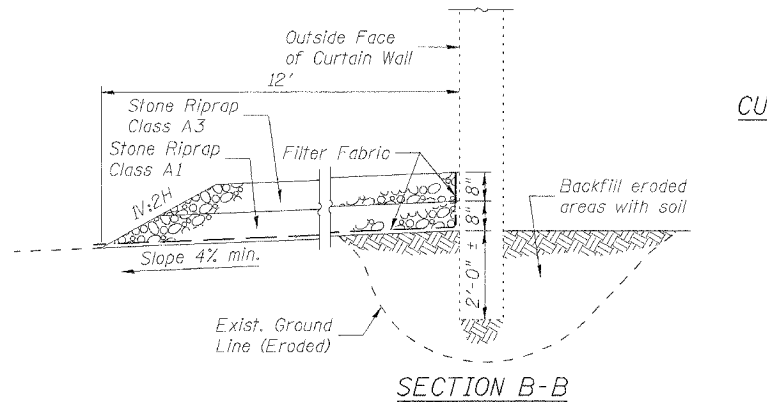
SHEET 7
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76813				

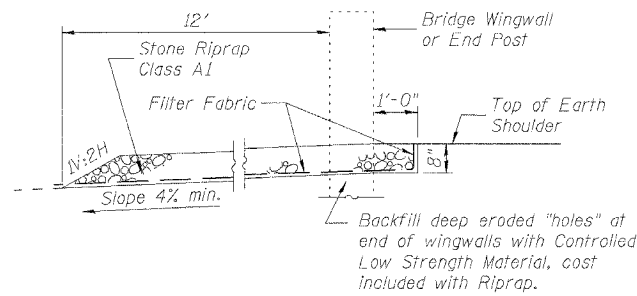


CURTAIN WALL ELEVATION
(Facing East)

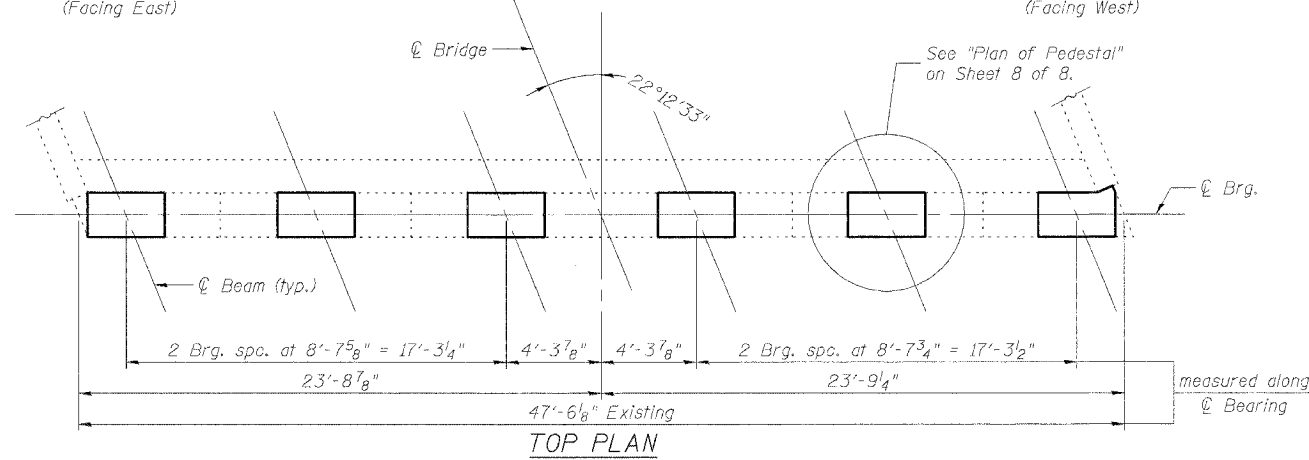
CURTAIN WALL ELEVATION
(Facing West)



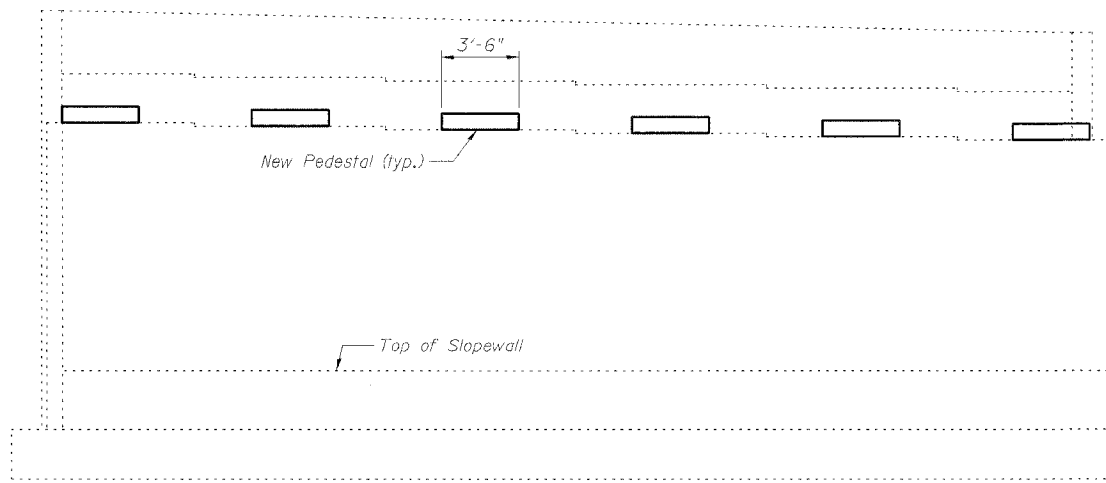
SECTION B-B



SECTION C-C
(at End of Wingwall)



TOP PLAN



ELEVATION
(Facing North)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h1(E)	36	#5	1'-8"	—	
h2(E)	30	#5	3'-2"	—	
v1(E)	36	#5	1'-4"	—	
Concrete Structures				Cu. Yd.	1.2
Reinforcement Bars, Epoxy Coated				Pound	220
Bridge Seat Sealer				Sq. Ft.	95
Stone Riprap, Class A1				Ton	28
Stone Riprap, Class A3				Ton	24
Filter Fabric for use with Riprap				Sq. Yd.	98

Reinforcement Bars designated (E) shall be epoxy coated.

EROSION REPAIR NOTES:

Prior to backfilling eroded areas, all existing gravel and debris shall be removed from the eroded areas and along the full length of the curtain walls for a 12 foot width on the outside face.

Backfill along curtain walls shall use soil material similar to the adjacent soil, and shall be mechanically compacted to provide a uniform grade from top to bottom of slope. Porous materials shall not be used for backfill. Cost of backfill and gravel/debris removal shall be included with Riprap.

Filter fabric material and installation shall be according to Section 282 (use tables for Gradation 4 & 5).

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

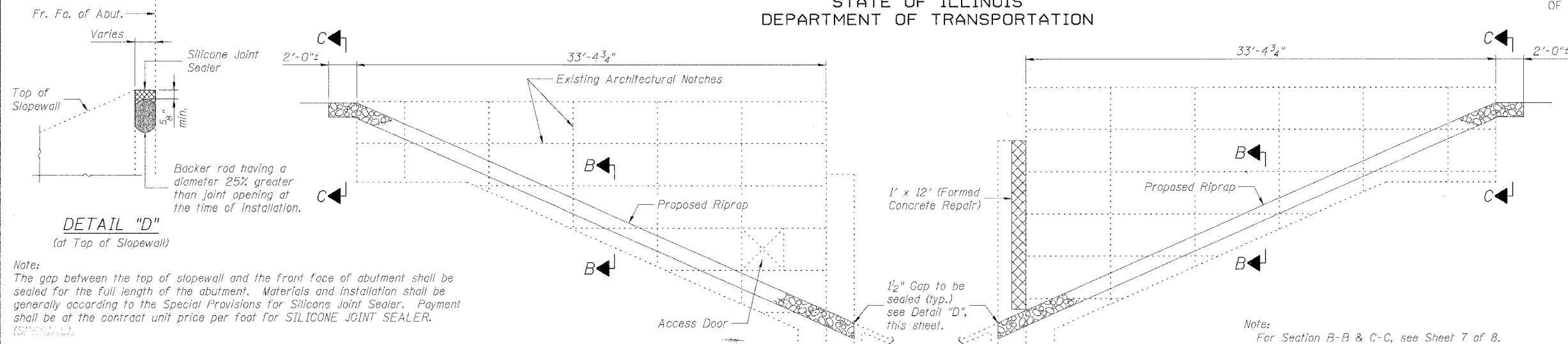
DESIGNED: CDB	DRAWN: P. Ray
CHECKED: DCD	CHECKED: CDB/DCD

NORTH ABUTMENT
S. LINCOLN AVE. (FAS 843) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7NB-1, 2I
ST. CLAIR COUNTY
STATION 816+85.18
STRUCTURE NO. 082-0181

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 8
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	66
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 76813				



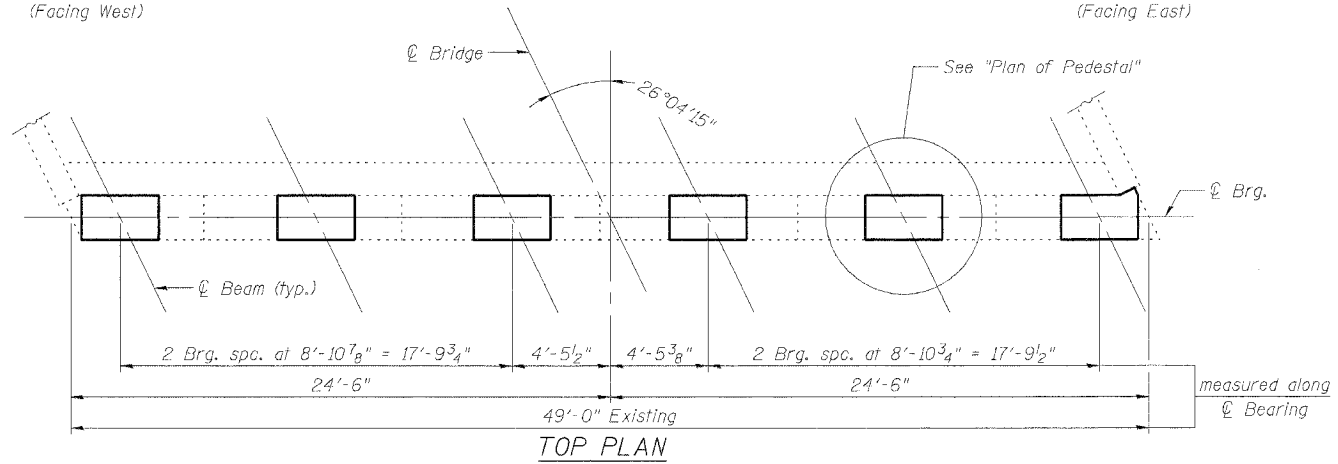
DETAIL "D"
(at Top of Slopewall)

Note:
The gap between the top of slopewall and the front face of abutment shall be sealed for the full length of the abutment. Materials and installation shall be generally according to the Special Provisions for Silicone Joint Sealer. Payment shall be of the contract unit price per foot for SILICONE JOINT SEALER. (SPEC. 111.1)

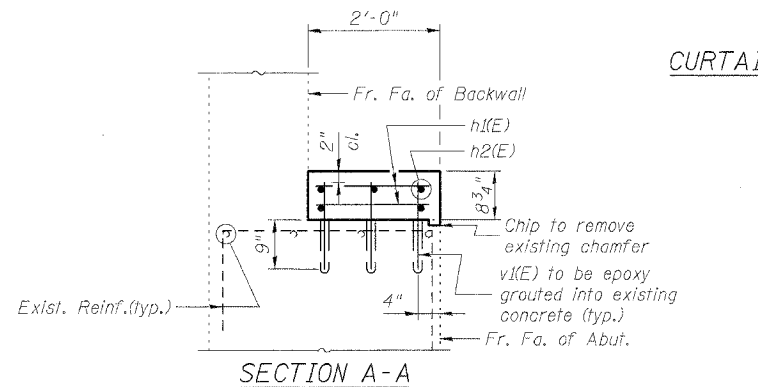
Note:
For Section B-B & C-C, see Sheet 7 of 8.

CURTAIN WALL ELEVATION
(Facing West)

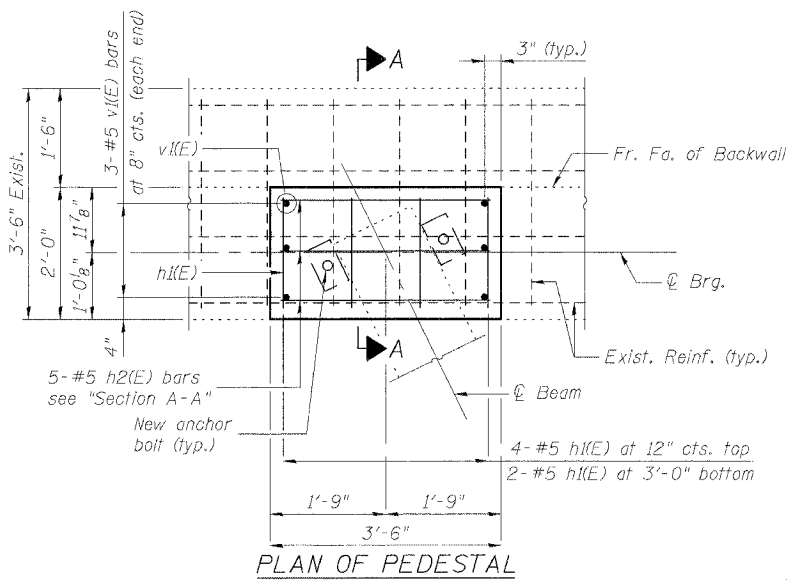
CURTAIN WALL ELEVATION
(Facing East)



TOP PLAN



SECTION A-A

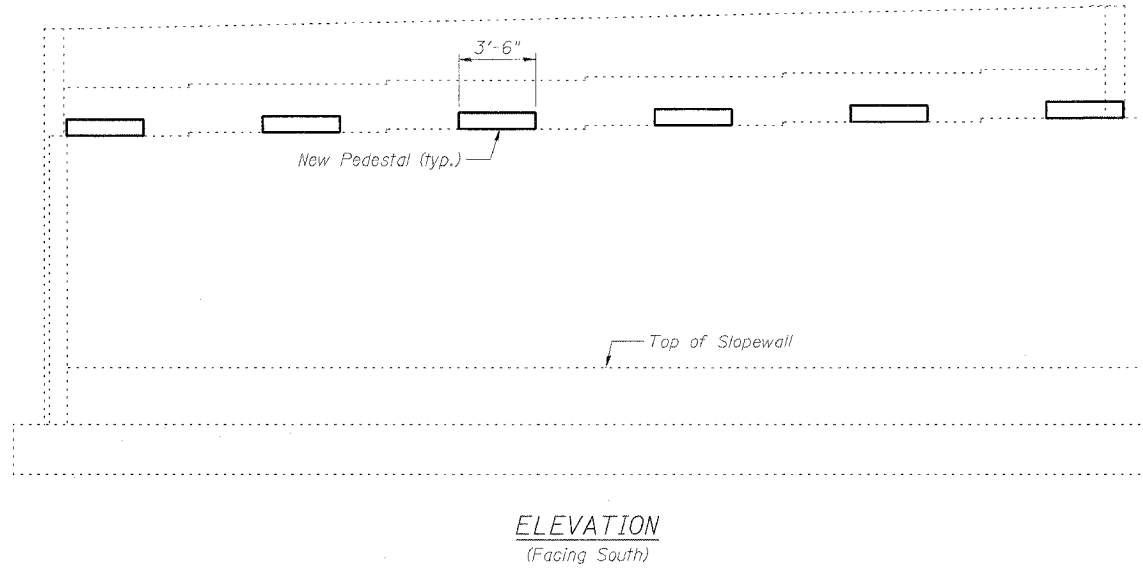


PLAN OF PEDESTAL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h1(E)	36	#5	1'-8"	—	
h2(E)	30	#5	3'-2"	—	
v1(E)	36	#5	1'-4"	—	
Concrete Structures				Cu. Yd.	1.2
Reinforcement Bars, Epoxy Coated				Pound	220
Bridge Seat Sealer				Sq. Ft.	98
Formed Concrete Repair (Depth < 5")				Sq. Ft.	12
Silicone Joint Sealer				Foot	49
Stone Riprap, Class A1				Ton	31
Stone Riprap, Class A3				Ton	28
Filter Fabric for use with Riprap				Sq. Yd.	110

Reinforcement Bars designated (E) shall be epoxy coated.



ELEVATION
(Facing South)

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: P. Ray
CHECKED: DCD	CHECKED: CDB/DCD

SOUTH ABUTMENT
S. LINCOLN AVE. (FAS 843) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 816+85.18
STRUCTURE NO. 082-0181

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR-1, 82-7HB, 2I	ST. CLAIR	89	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRE-STAGE 1

SHOULDERS SHALL BE REPLACED WHERE SHOWN PRIOR TO STAGE 1. THE MATERIAL PLACED SHALL BE BITUMINOUS BINDER COURSE, SUPERPAVE, IL-19.0, N70.

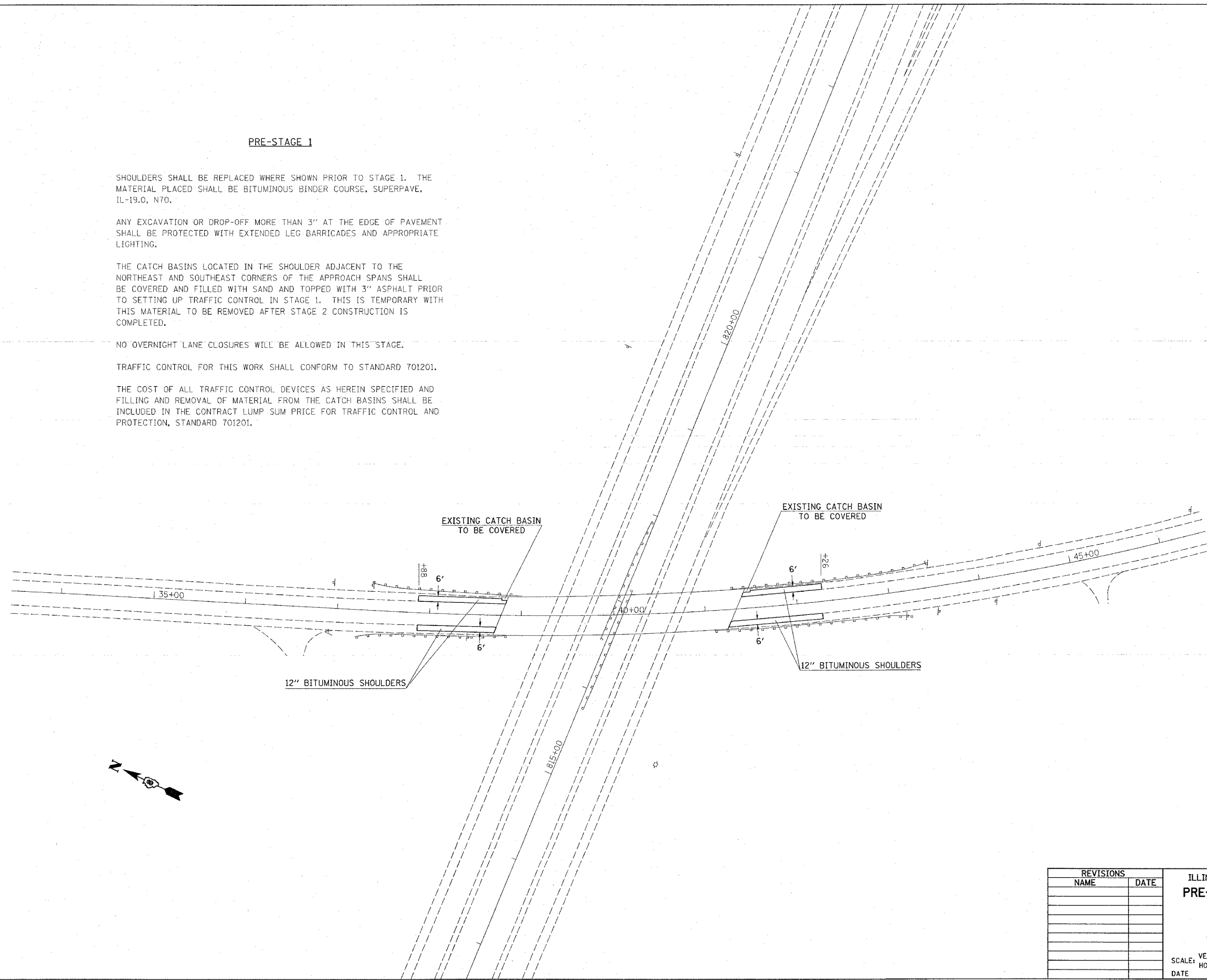
ANY EXCAVATION OR DROP-OFF MORE THAN 3" AT THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

THE CATCH BASINS LOCATED IN THE SHOULDER ADJACENT TO THE NORTHEAST AND SOUTHEAST CORNERS OF THE APPROACH SPANS SHALL BE COVERED AND FILLED WITH SAND AND TOPPED WITH 3" ASPHALT PRIOR TO SETTING UP TRAFFIC CONTROL IN STAGE 1. THIS IS TEMPORARY WITH THIS MATERIAL TO BE REMOVED AFTER STAGE 2 CONSTRUCTION IS COMPLETED.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED IN THIS STAGE.

TRAFFIC CONTROL FOR THIS WORK SHALL CONFORM TO STANDARD 701201.

THE COST OF ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND FILLING AND REMOVAL OF MATERIAL FROM THE CATCH BASINS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.



PLOT DATE = 08/25/08
 FILE NAME = 082-0181
 PLOT SCALE = 1/4\"/>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PRE-STAGE 1 TRAFFIC CONTROL
SN 082-0181
 FAI ROUTE 64
 SECTION 82-TR-1, 82-7HB, 2I
 ST. CLAIR COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-THB, 2I	ST. CLAIR	89	68
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

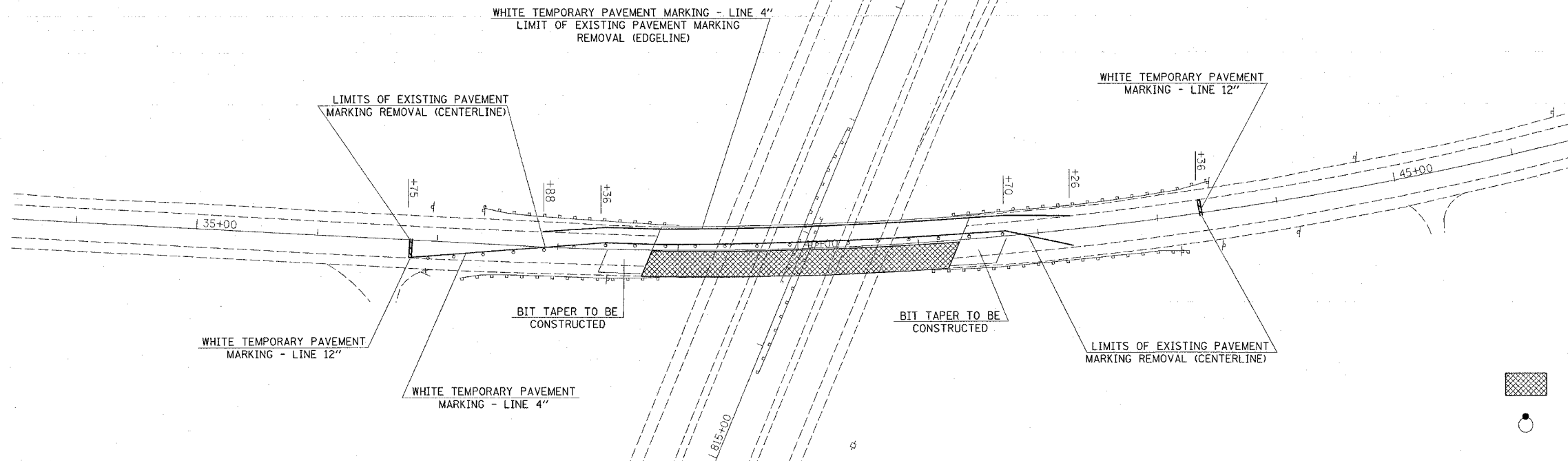
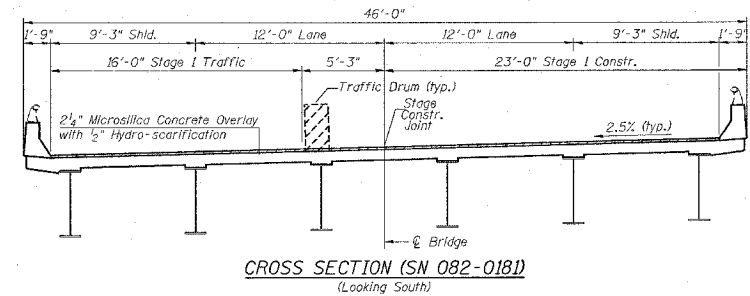
NOTES

SIGNS, TRAFFIC SIGNALS, INDUCTION LOOP DETECTORS, AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316 OR AS DIRECTED BY THE RESIDENT ENGINEER.

THE TEMPORARY EDGELINE SHOWN IS STRIPED 4' AWAY FROM THE PARAPET MAKING THE ACTUAL STAGE 1 TRAFFIC LANE 12' WIDE.

THE MATERIAL PLACED FOR THE BITUMINOUS TAPER SHALL BE SURFACE COURSE, MIX D.

THE APPLICATION AND REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701316.



- WORK AREA
- DRUM WITH STEADY BURNING LIGHT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 TRAFFIC CONTROL
SN 082-0181
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-THB, 2I
 ST. CLAIR COUNTY

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

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB, 21	ST. CLAIR	89	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

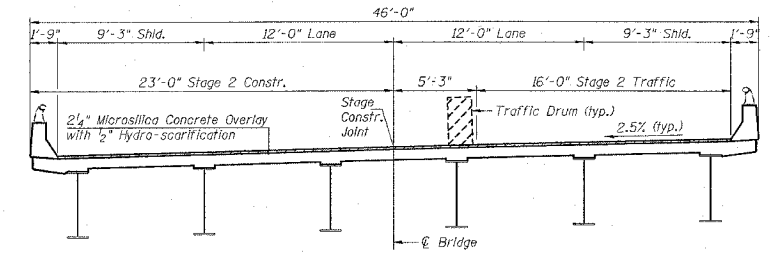
NOTES

SIGNS, TRAFFIC SIGNALS, INDUCTION LOOP DETECTORS, AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316 OR AS DIRECTED BY THE RESIDENT ENGINEER.

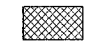
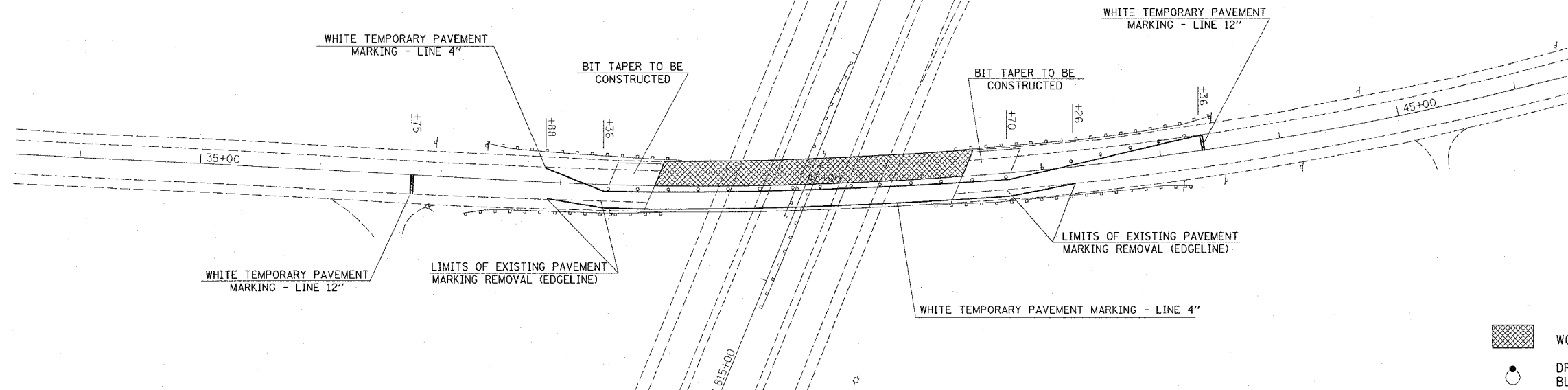
THE TEMPORARY EDGELINE SHOWN IS STRIPED 4' AWAY FROM THE PARAPET MAKING THE ACTUAL STAGE 2 TRAFFIC LANE 12' WIDE.

THE MATERIAL PLACED FOR THE BITUMINOUS TAPER SHALL BE SURFACE COURSE, MIX D.

THE APPLICATION AND REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701316.



CROSS SECTION (SN 082-0181)
(Looking South)



WORK AREA



DRUM WITH STEADY BURNING LIGHT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 TRAFFIC CONTROL
SN 082-0181
 FAI ROUTE 64
 SECTION 82-TRS-1, 82-7HB, 21
 ST. CLAIR COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	69	70
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76813	

INDEX OF SHEETS

Sheet No.	Description
1	Gen Plan, Gen Notes & Total Bill of Mat'l
2	Deck Plan
3	Superstructure
4	Bearings
5	Anchor Bolt Details
6	Pier
7	North Abutment
8	South Abutment

GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 at the unit price for the work.

Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60. Reinforcement bars designated (E) shall be epoxy coated.

All epoxy grouted bars shall have a minimum embedment as shown on the plans and shall be placed according to Section 584 of the Standard Specifications. Cost of hole drilling and epoxy grouting is included with "Reinforcement Bars, Epoxy Coated".

All structural steel shall be AASHTO M 270 Grade 36, unless noted otherwise.

Calculated weight of Structural Steel:
M270 Grade 36 = 430 lbs., M270 Grade 50 = 1160 lbs.

Existing bearings at the Abutments and Pier shall be removed and replaced according to the plans. Jacking shall be according to the Special Provisions for "JACK AND REMOVE EXISTING BEARINGS". If web stiffeners are not present directly over the jack location, hardwood timbers should be installed tightly between top and bottom flanges to prevent rotation. It is anticipated that the entire bridge must be temporarily jacked at least 1 inch above the existing position, to clear the pintles when removing/replacing the pier bearings. The new bearings at the abutments and pier shall be in place and the jacks lowered before the new expansion joint seal is installed in the deck at the abutments.

Field welding of construction accessories will not be permitted to beams or girders.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

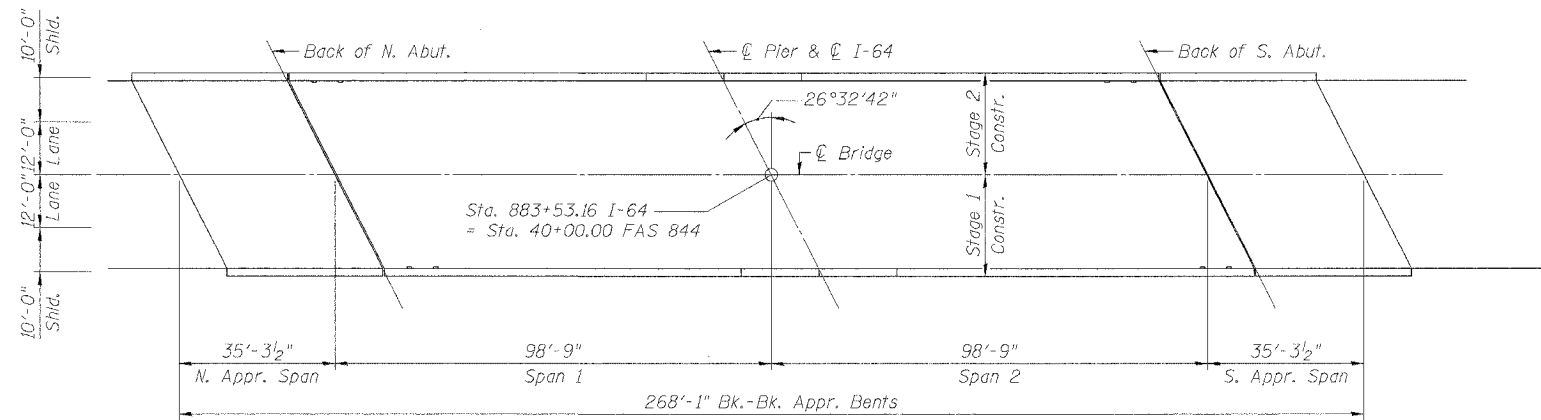
The existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300, Type 1. Field painting of structural steel shall be done under a separate painting contract.

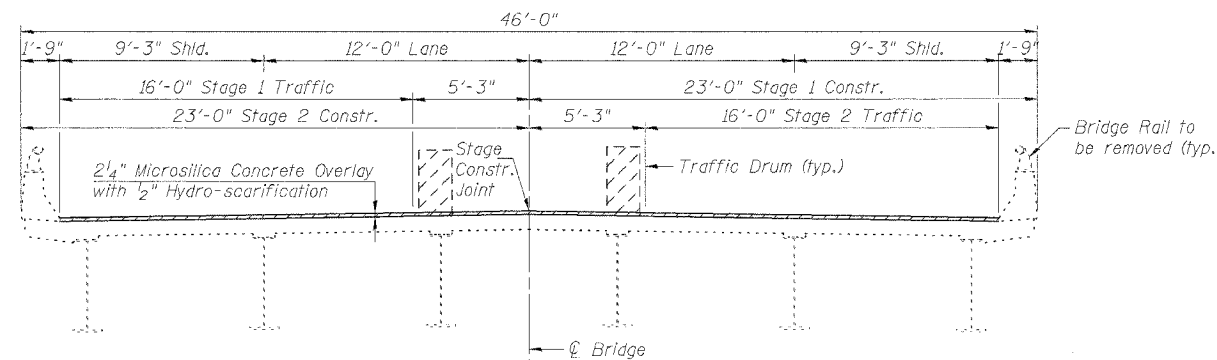
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8". Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each fixed bearing in addition to all other plates or shims. For Type 1 Elastomeric Bearings, two 1/8" adjusting shims shall be provided for each bearing and placed as detailed.

Bridge Seat Sealer shall be applied to the seat area of both Abutments.

All construction joints shall be bonded.



PLAN



CROSS SECTION
(Looking South)

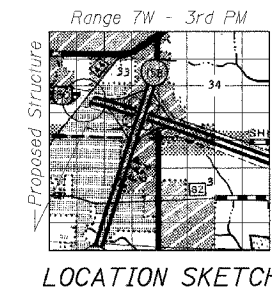
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A1	Ton	--	64	64
Stone Riprap, Class A3	Ton	--	58	58
Filter Fabric For Use With Riprap	Sq Yd	--	230	230
Bridge Rail Removal	Foot	497	--	497
Floor Drains	Each	8	--	8
Concrete Structures	Cu Yd	--	4.3	4.3
Concrete Superstructure	Cu Yd	11.1	--	11.1
Bridge Deck Grooving	Sq Yd	1207	--	1207
Elastomeric Bearing Assembly, Type I	Each	--	12	12
Formed Concrete Repair (Depth < 5")	Sq Ft	9	2	11
Furnishing And Erecting Structural Steel	Pound	--	1560	1560
Jack And Remove Existing Bearings	Each	--	18	18
Reinforcement Bars, Epoxy Coated	Pound	2610	710	3320
Bridge Seat Sealer	Sq Ft	--	248	248
Polymer Concrete	Cu Ft	15	--	15
Silicone Joint Sealer, 1/2"	Foot	97	--	97
Silicone Joint Sealer	Foot	--	100	100
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq Yd	1266	--	1266
Bridge Deck Hydro-Scarification 1/2"	Sq Yd	1266	--	1266
Deck Slab Repair (Full Depth, Type II)	Sq Yd	7	--	7

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

Signed: *David C. Depp*
Date: 3-28-2005
Lic. Expires: 11-30-2006

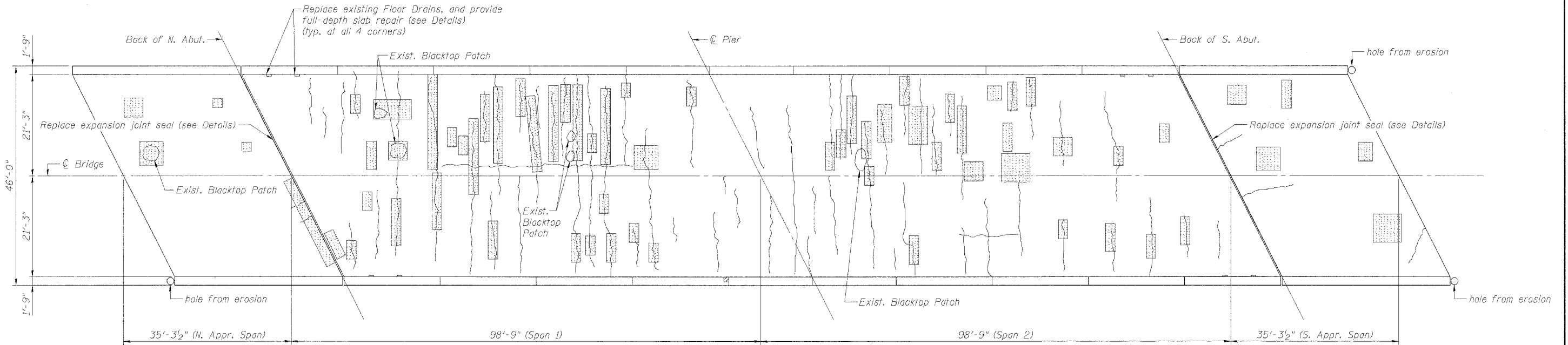


GENERAL PLAN
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

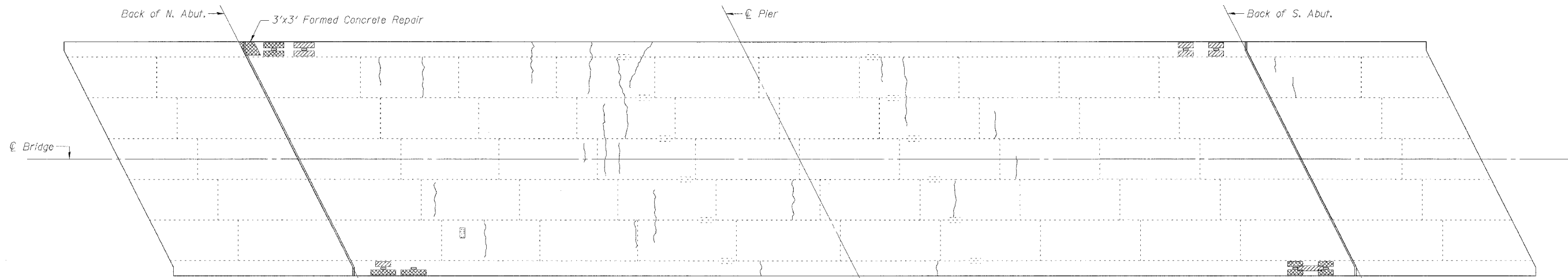
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 2
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	71
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813	



TOP PLAN



BOTTOM PLAN

LEGEND

- Hollow or Unsound Concrete (1120 S.F.)
- Spalled Concrete (29 S.F.)
- Spalled Concrete with Exposed Rebar (39 S.F.)
- Hairline Crack

NOTES:

Deck Condition Survey performed 9/02/2004.
The Engineer shall record actual locations of deck repair on the As-Built plans.

DECK PLAN
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

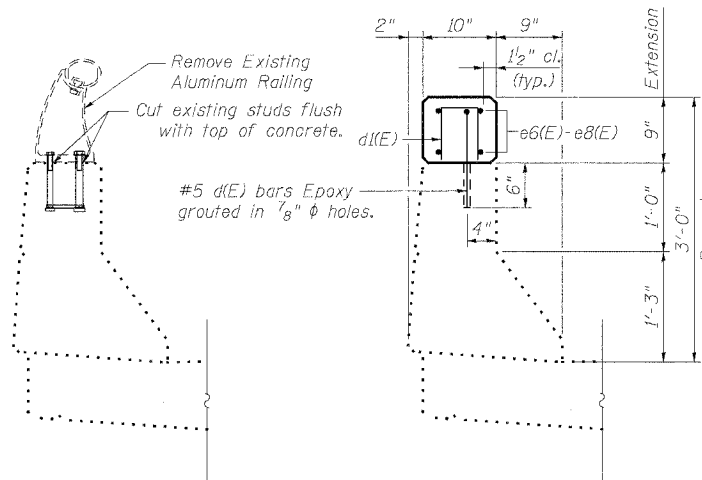
Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	
DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

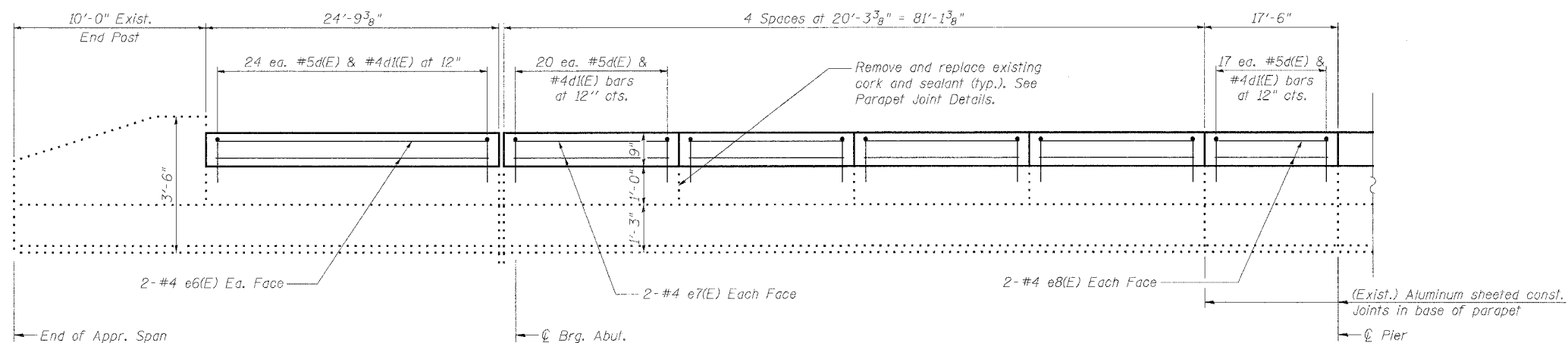
SHEET 3
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	72
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76813	

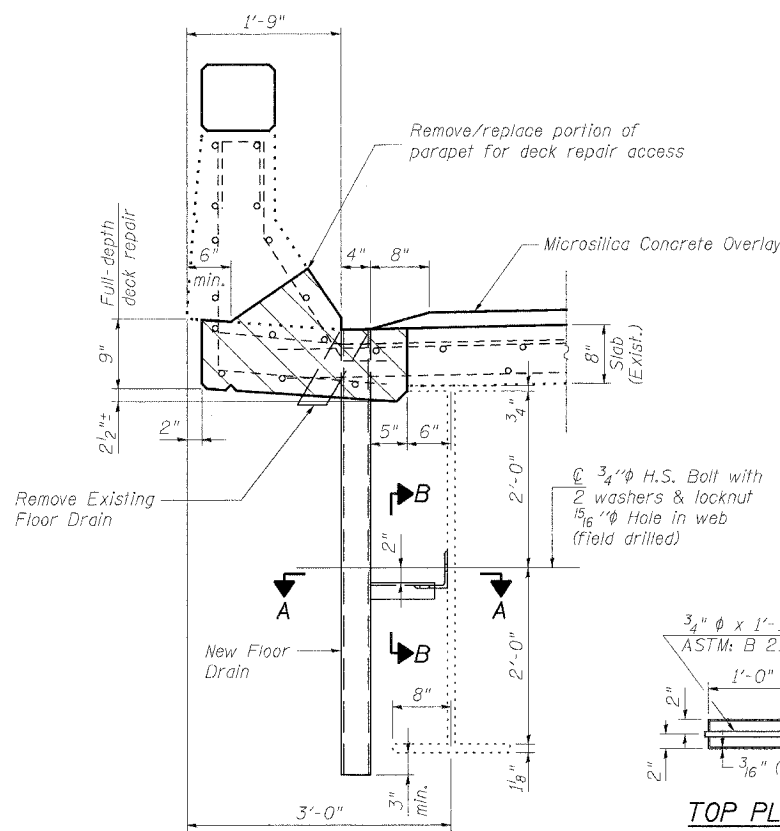


BRIDGE RAIL REMOVAL

SECTION THRU PARAPET

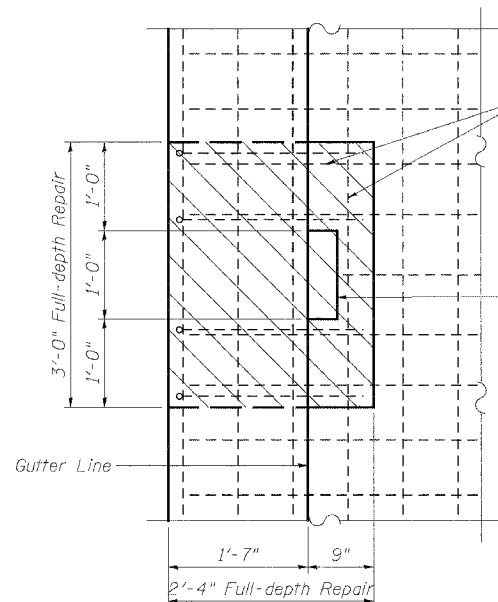


INSIDE ELEVATION OF PARAPET

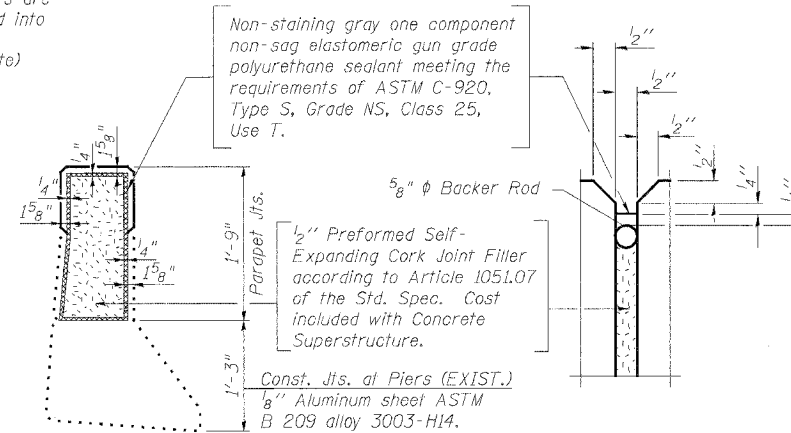


SECTION AT FLOOR DRAIN

TOP PLAN



PLAN AT FLOOR DRAIN
(Parapet Removed For Clarity)



PARAPET JOINT DETAILS

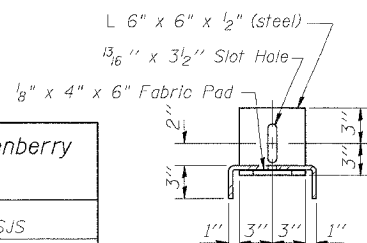
BAR d(E)

BAR d1(E)

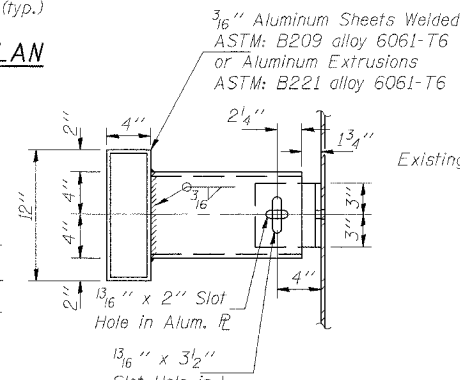
SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
d(E)	484	#5	1'-7"	L	
d1(E)	484	#4	1'-7"	Π	
e6(E)	16	#4	24'-5"	—	
e7(E)	64	#4	19'-11"	—	
e8(E)	16	#4	17'-2"	—	
Reinforcement Bars, Epoxy Coated				Pound	2610
Concrete Superstructure				Cu. Yd.	11.1
Bridge Rail Removal				Foot	497
Floor Drains				Each	8
Deck Slab Repair (Full Depth Type II)				Sq. Yd.	7
Formed Concrete Repair (Depth = < 5")				Sq. Ft.	9
Silicone Joint Sealer, 1/2"				Foot	97
Polymer Concrete				Cu. Ft.	15

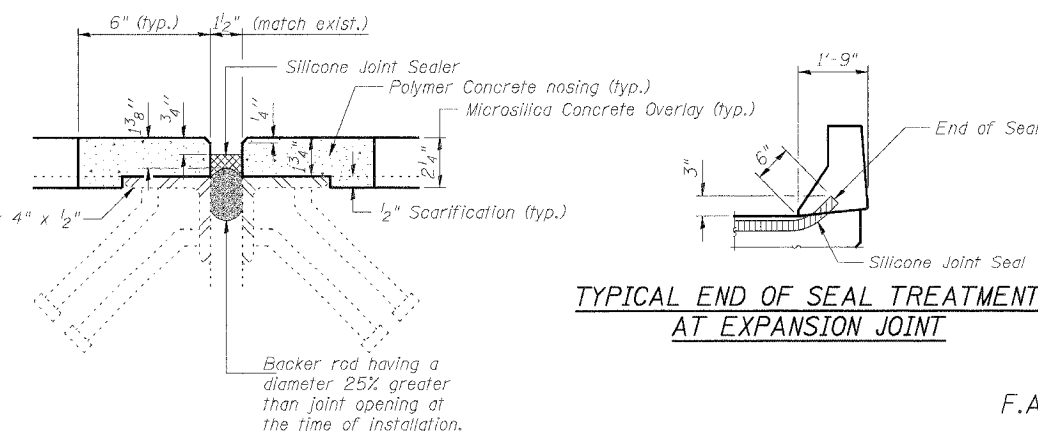
Reinforcement bars designated (E) shall be epoxy coated.



SECTION B-B



SECTION A-A



TYPICAL END OF SEAL TREATMENT
AT EXPANSION JOINT

SILICONE JOINT SEALER DETAIL

Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

SUPERSTRUCTURE
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

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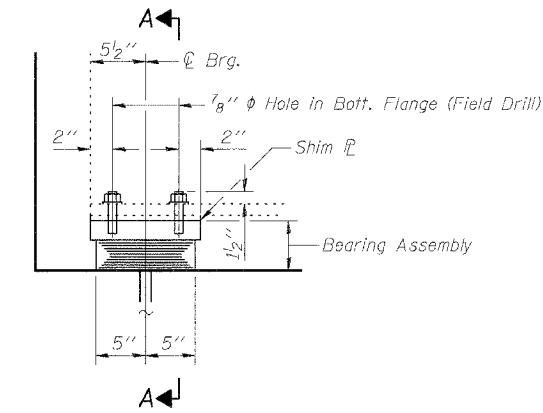
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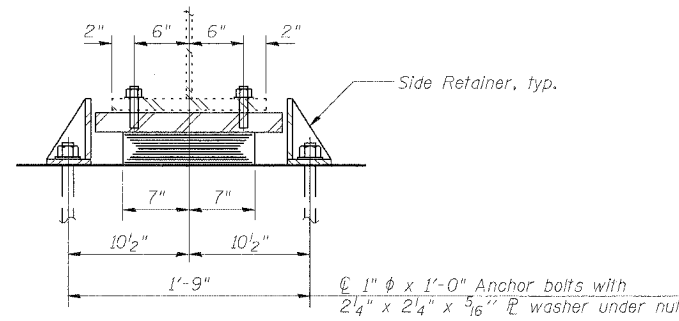
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 4
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	73
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76813				

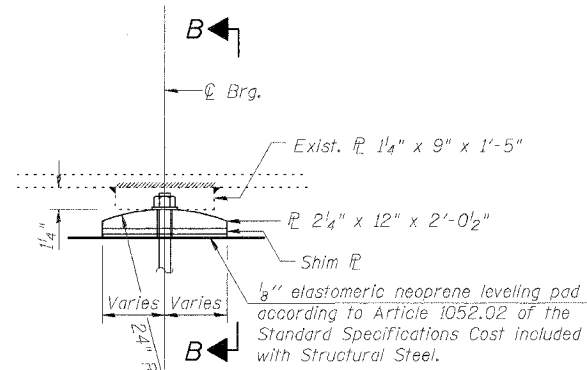


ELEVATION AT ABUT.



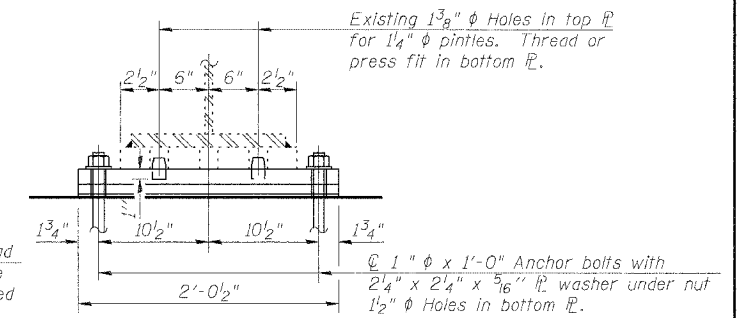
SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.

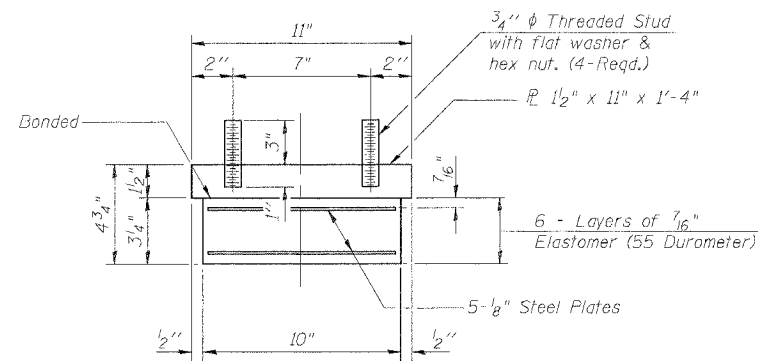


ELEVATION AT PIER

FIXED BEARING

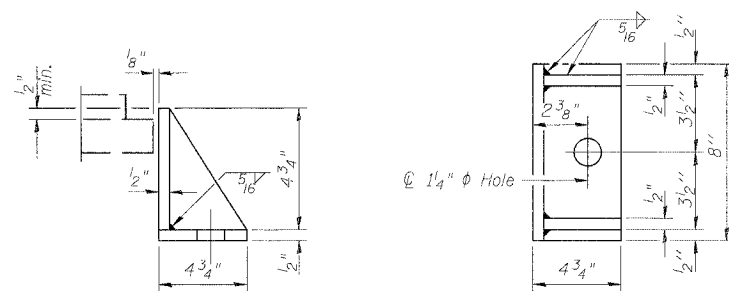


SECTION B-B



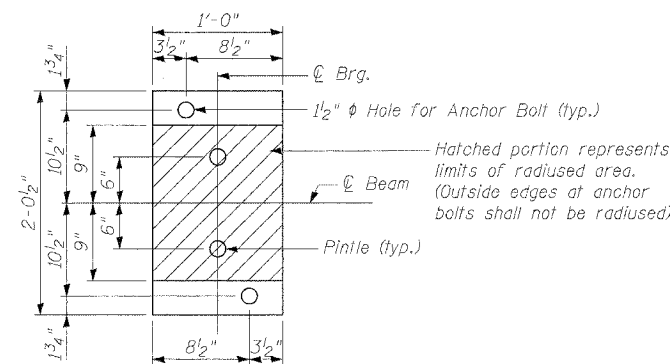
BEARING ASSEMBLY

Note:
Shim plates shall not be placed under Bearing Assembly.

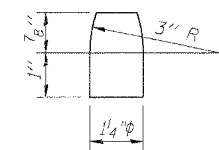


SIDE RETAINER

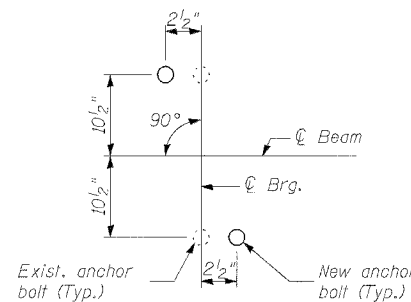
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.



BOTTOM PLATE-PLAN



PINTLE



ANCHOR BOLT LAYOUT
AT ABUTMENTS AND PIER

INTERIOR GIRDER REACTION TABLE			
		Abuts.	Pier
R (DL)	(K)	55.1	194.3
R (LL)	(K)	46.4	74.4
R (Imp)	(K)	10.4	16.7
R (Total)	(K)	111.9	285.4
Minimum Jack Capacity	(Tons)	50	150

NOTES:

See Sheet 1 of 8 for Jacking notes.

See Sheet 5 of 8 for Anchor Bolt installation.

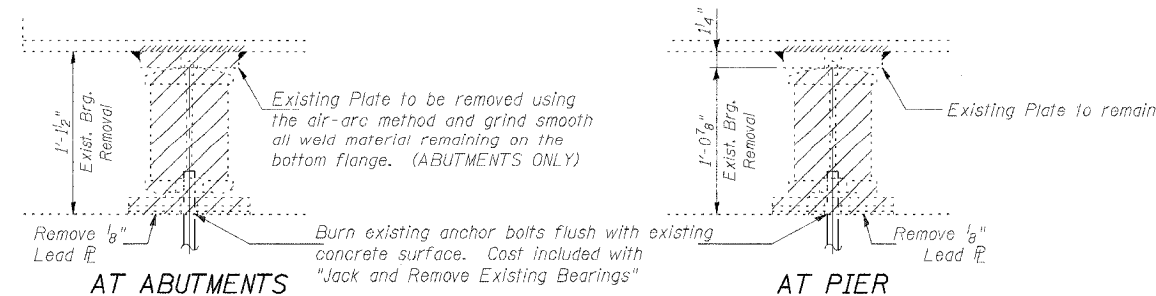
Prior to ordering any material, the Contractor shall verify in the field all existing bearing height and shim thickness dimensions.

Side Retainers, Shim Plates, Connection Bolts and Anchor Bolts are included with "F & E Structural Steel."

The structural steel bearing plates for the Expansion and Fixed Bearings shall conform to the requirements of AASHTO M 270 Grade 50.

BILL OF MATERIAL

Item	Unit	Total
Jack and Remove Existing Bearings	Each	18
Elastomeric Bearing Assembly Type I	Each	12
Furnishing and Erecting Structural Steel	Pound	1560



AT ABUTMENTS

AT PIER

EXISTING BEARING REMOVAL DETAIL

BEARINGS
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

DESIGNED:	CDB	DRAWN:	SJS
CHECKED:	DCD	CHECKED:	CDB/DCD

I-2-E1

10-22-04

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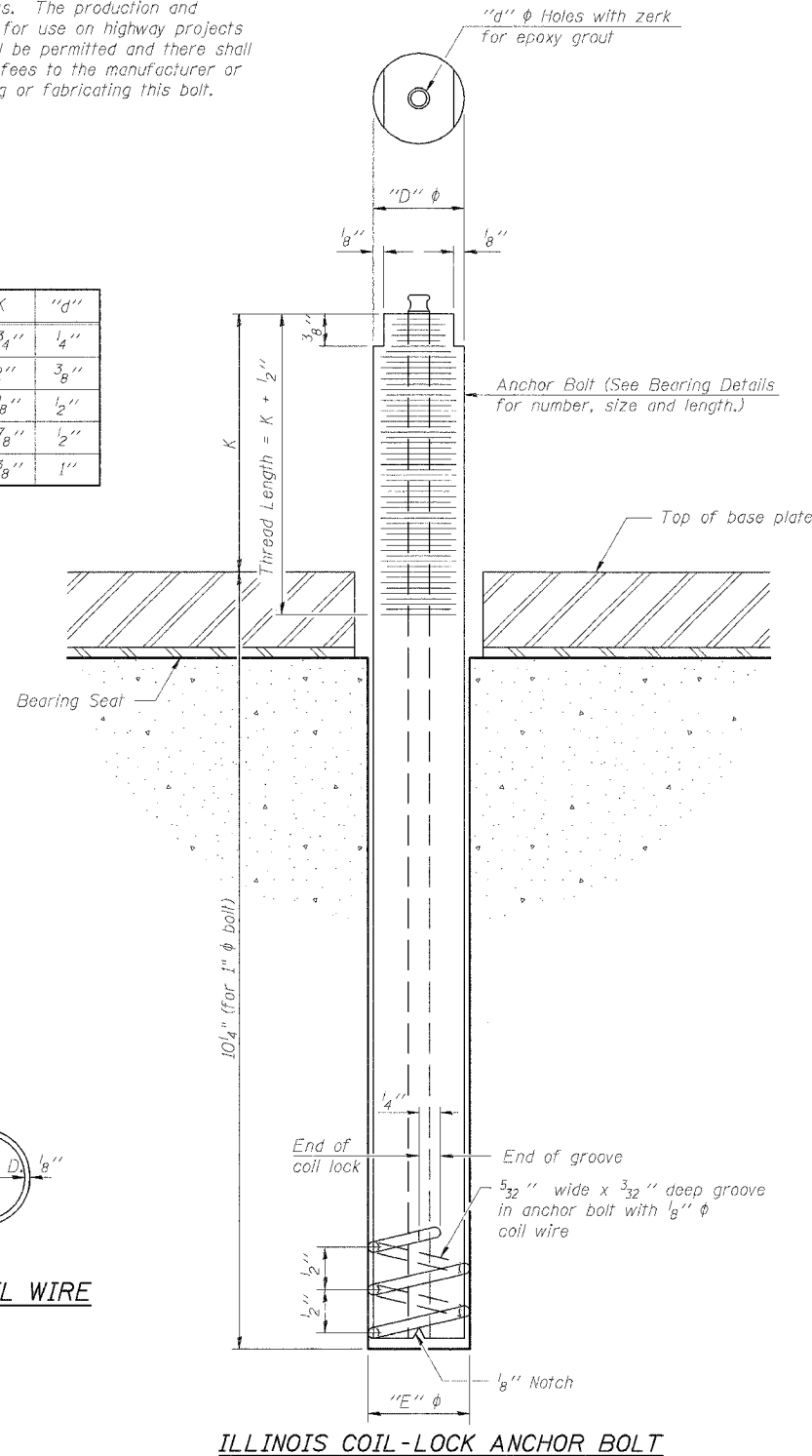
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 5
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	74
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. T6813	

The Illinois Coil-Lock Anchor Bolt is a proprietary item which is the property of the Illinois Department of Transportation. Use, reproduction or disclosure without express written permission is prohibited and protected under Federal copyright laws. The production and the fabrication of this bolt for use on highway projects in the State of Illinois shall be permitted and there shall be no incurred charges or fees to the manufacturer or the fabricator for producing or fabricating this bolt.

D	E	H	K	"d"
1"	1 1/8"	1 3/16"	1 3/4"	1/4"
1 1/4"	1 3/8"	1 1/16"	2"	3/8"
1 1/2"	1 5/8"	1 5/16"	2 1/8"	1/2"
2"	2 1/8"	1 3/8"	2 7/8"	2"
2 1/2"	2 5/8"	2 5/16"	3 3/8"	1"



MATERIALS FOR ILLINOIS COIL-LOCK ANCHOR BOLT

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and supplied with hexagonal nuts and cut washers.
The coil wire shall be made of any suitable soft steel wire.
The finished anchor bolt shall be cleaned of rust and other foreign materials and wrapped or packaged to prevent contamination until they are installed.
The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS COIL-LOCK ANCHOR BOLT

1. With the coil wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete bearing seat.
2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun. Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping is discontinued, excess epoxy shall be immediately wiped off.

ALTERNATE ANCHOR BOLTS

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.

- The capsule or the adhesive cartridge type anchor rods shall be a two part system composed of:
1. A threaded rod stud with nut and washer of the type specified.
 2. A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Location	Type
Abuts.	A325
Pier	A325

ASTM F 1554 Grade 105, ASTM A 449 and AASHTO M 314 Grade 105 anchor bolts may be substituted for the anchor bolts shown above.

GENERAL NOTES

Holes in the masonry for anchor bolts shall be drilled through the base plates to the diameter and depth shown or according to the manufacturer's recommendation after beams or girders have been erected and adjusted.
Prior to setting the bolts, the holes shall be dry and all dust and loose particles shall be removed by the use of compressed air or vacuuming.
The anchor bolts, furnished and installed and including the epoxy grout or capsules shall not be paid for separately but shall be included in the unit bid price for Furnishing and Erecting Structural Steel.

ANCHOR BOLT DETAILS FOR BEARINGS

N. MAIN STREET (FAS 844) OVER INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

ABB-1 10-22-04

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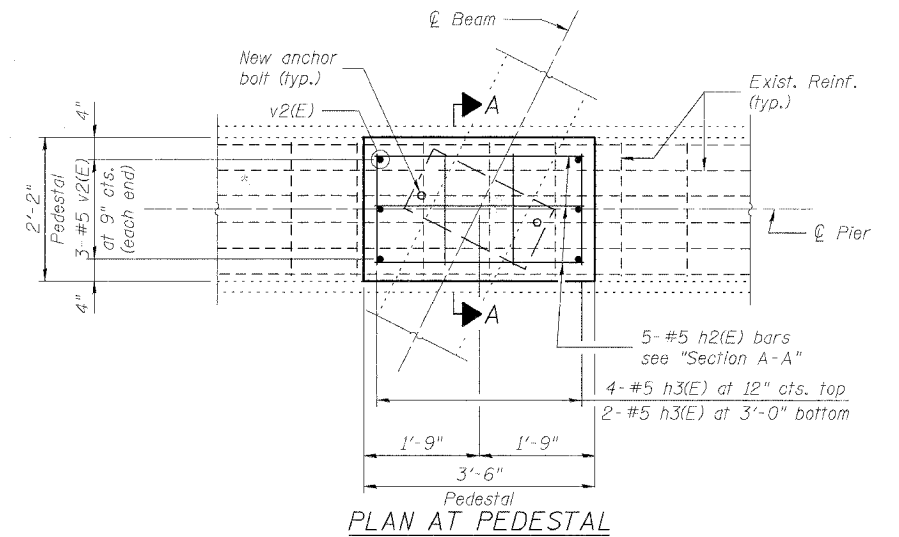
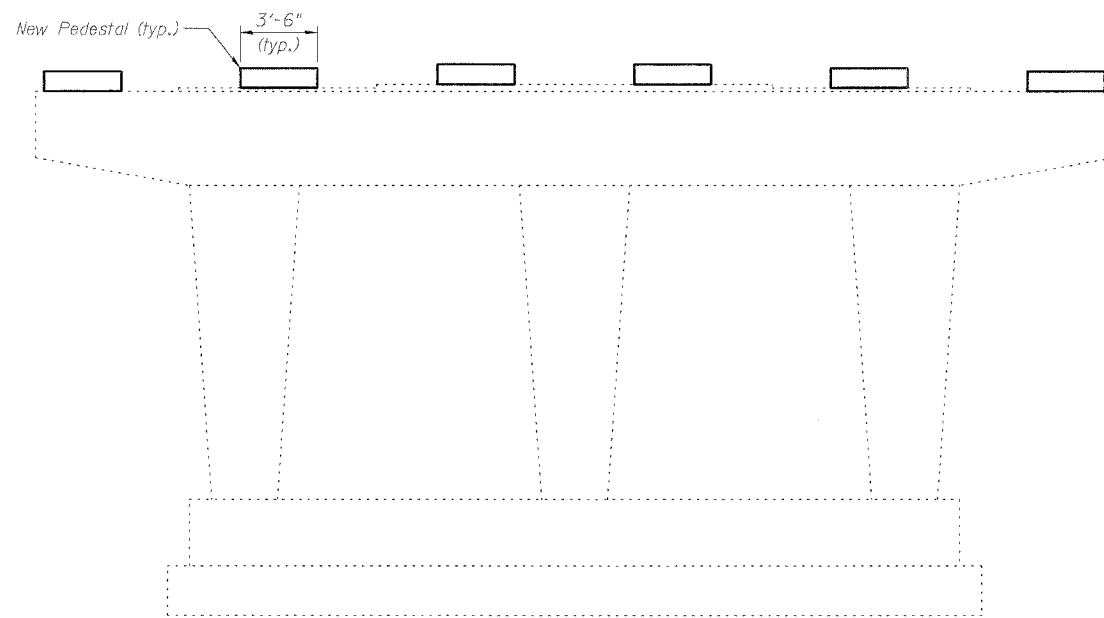
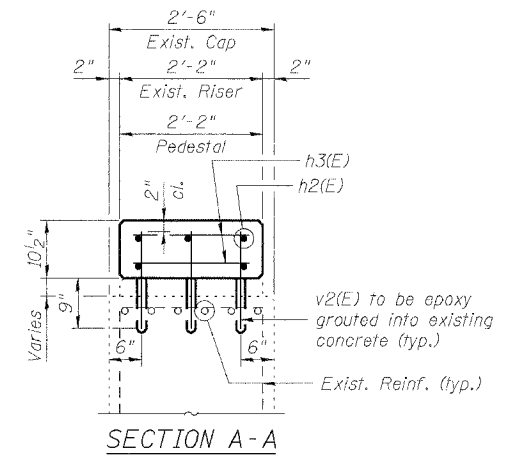
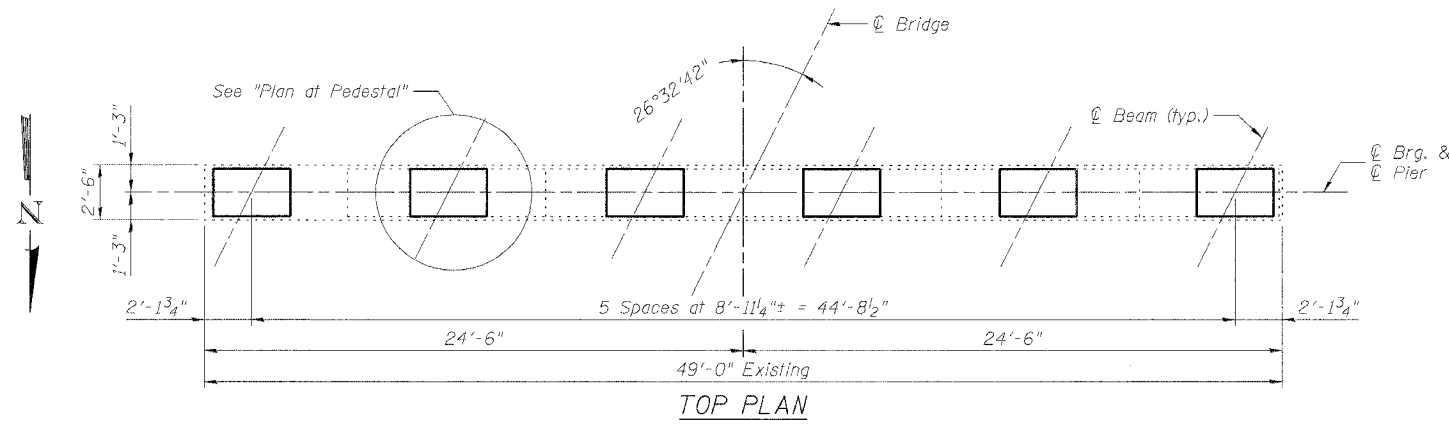
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 6
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	69	75
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h2(E)	30	#5	3'-2"	—
h3(E)	36	#5	1'-10"	—
v2(E)	36	#5	1'-6"	—
Concrete Structures			Cu. Yd.	1.5
Reinforcement Bars, Epoxy Coated			Pound	230

Reinforcement Bars designated (E) shall be epoxy coated.

PIER
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED:	CDB	DRAWN:	P. Ray
CHECKED:	DCD	CHECKED:	CDB/DCD

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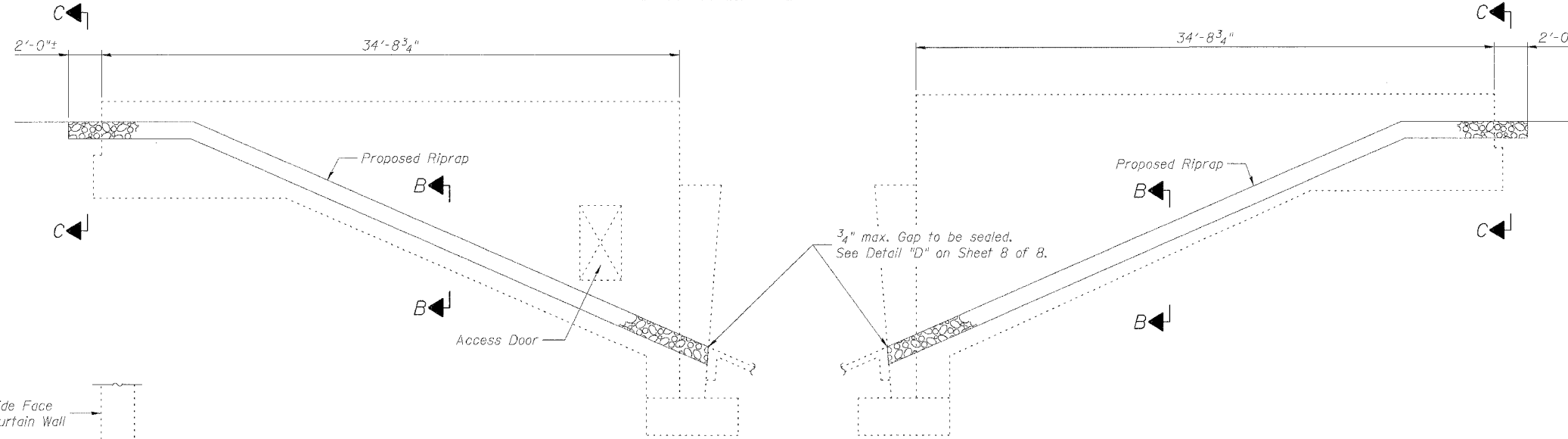
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

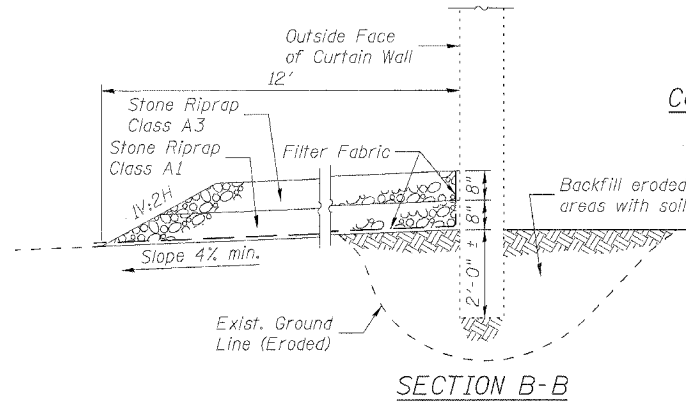
SHEET 7
OF 8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	76
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 76813	

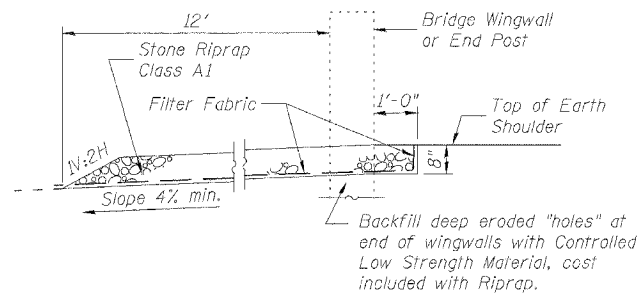


CURTAIN WALL ELEVATION
(Facing East)

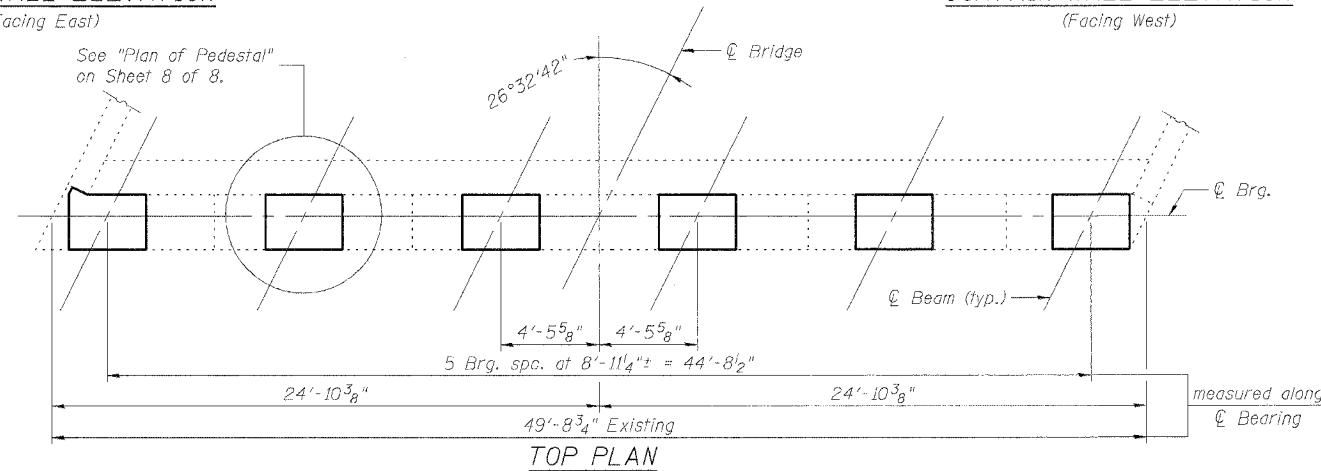
CURTAIN WALL ELEVATION
(Facing West)



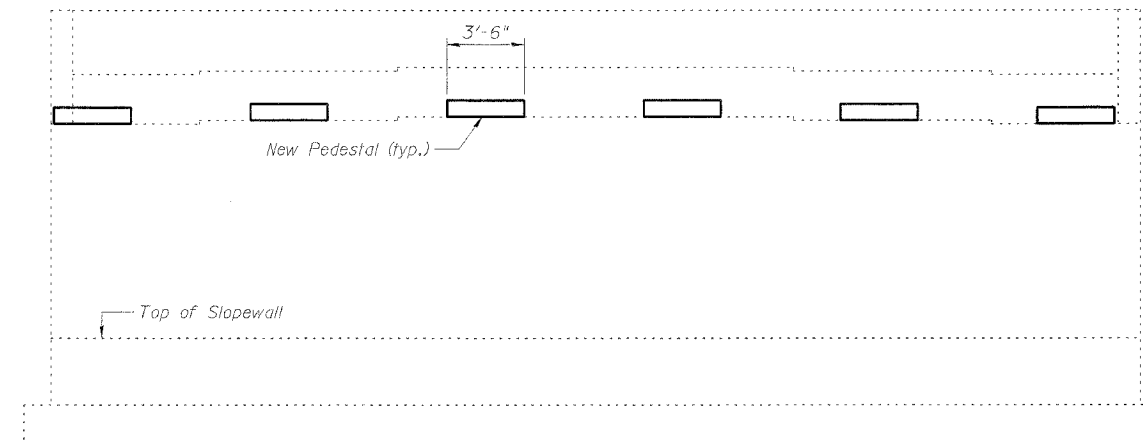
SECTION B-B



SECTION C-C
(at End of Wingwall)



TOP PLAN



ELEVATION
(Facing North)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h2(E)	30	#5	3'-2"	
h4(E)	36	#5	2'-2"	
v1(E)	36	#5	1'-4"	
Concrete Structures				
			Cu. Yd.	1.4
Reinforcement Bars, Epoxy Coated				
			Pound	240
Bridge Seat Sealer				
			Sq. Ft.	124
Silicone Joint Sealer				
			Foot	50
Stone Riprap, Class A1				
			Ton	32
Stone Riprap, Class A3				
			Ton	29
Filter Fabric for use with Riprap				
			Sq. Yd.	115

Reinforcement Bars designated (E) shall be epoxy coated.

EROSION REPAIR NOTES:

Prior to backfilling eroded areas, all existing gravel and debris shall be removed from the eroded areas and along the full length of the curtain walls for a 12 foot width on the outside face.

Backfill along curtain walls shall use soil material similar to the adjacent soil, and shall be mechanically compacted to provide a uniform grade from top to bottom of slope. Porous materials shall not be used for backfill. Cost of backfill and gravel/debris removal shall be included with Riprap.

Filter fabric material and installation shall be according to Section 282 (use tables for Gradation 4 & 5).

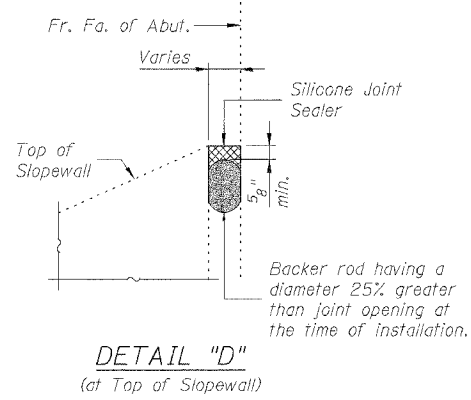
DESIGNED:	CDB	DRAWN:	P. Ray
CHECKED:	DCD	CHECKED:	CDB/DCD

NORTH ABUTMENT
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

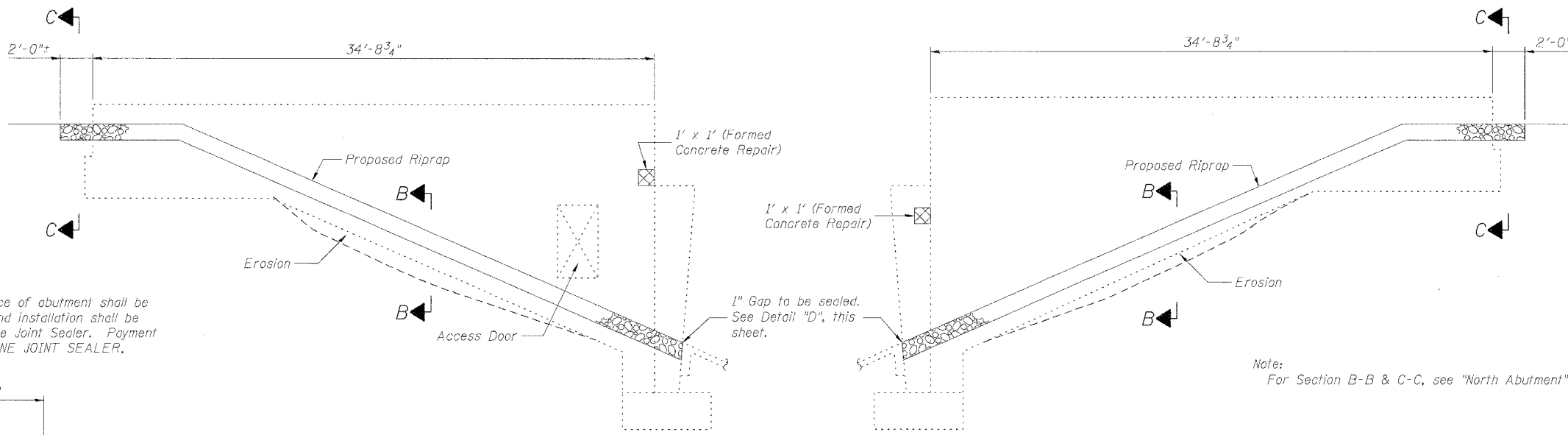
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 8
OF 8

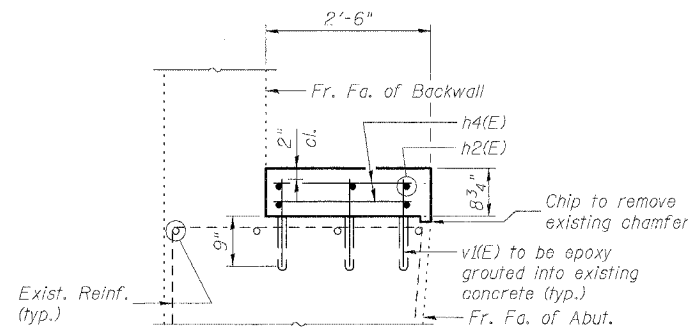
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	77
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813	



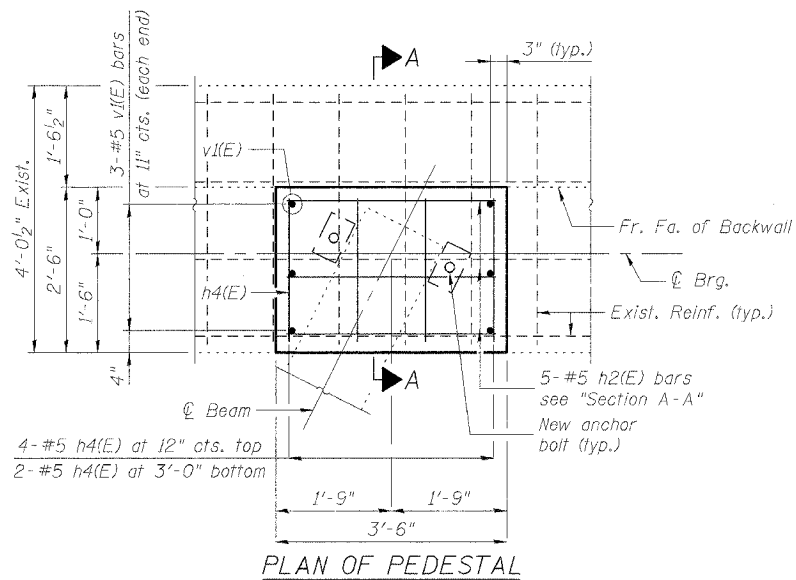
Note:
The gap between the top of slopewall and the front face of abutment shall be sealed for the full length of the abutment. Materials and installation shall be generally according to the Special Provisions for Silicone Joint Sealer. Payment shall be at the contract unit price per foot for SILICONE JOINT SEALER.



Note:
For Section B-B & C-C, see "North Abutment" sheet.



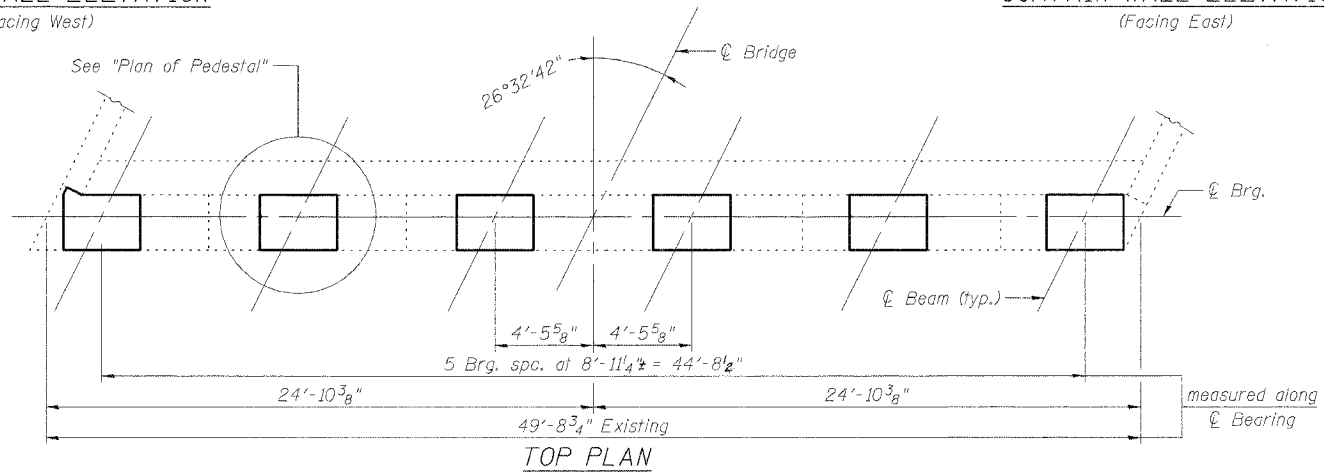
SECTION A-A



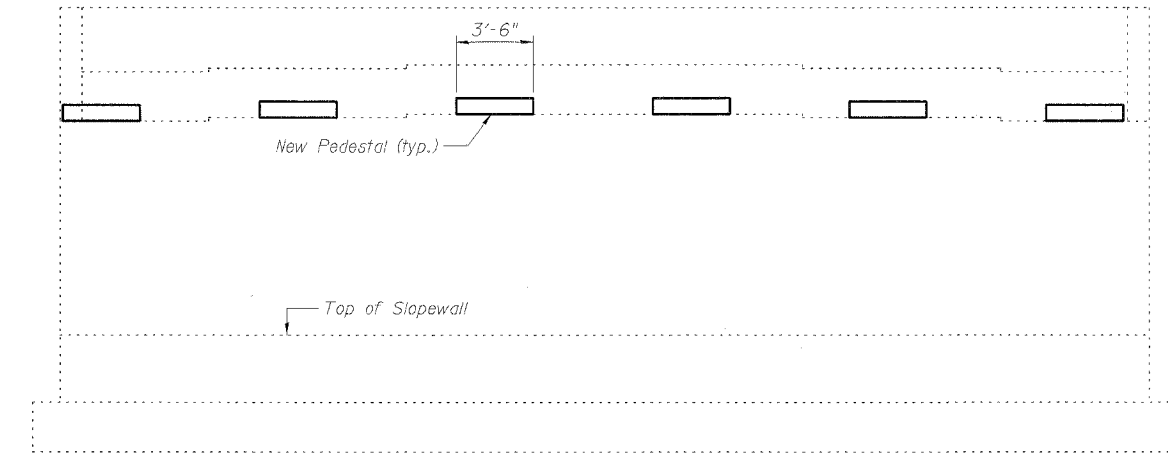
PLAN OF PEDESTAL

CURTAIN WALL ELEVATION
(Facing West)

CURTAIN WALL ELEVATION
(Facing East)



TOP PLAN



ELEVATION
(Facing South)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h2(E)	30	#5	3'-2"	—	
h4(E)	36	#5	2'-2"	—	
v1(E)	36	#5	1'-4"	—	
Concrete Structures				Cu. Yd.	1.4
Reinforcement Bars, Epoxy Coated				Pound	240
Bridge Seat Sealer				Sq. Ft.	124
Formed Concrete Repair (Depth = < 5")				Sq. Ft.	2
Silicone Joint Sealer				Foot	50
Stone Riprap, Class A1				Ton	32
Stone Riprap, Class A3				Ton	29
Filter Fabric for use with Riprap				Sq. Yd.	115

Reinforcement Bars designated (E) shall be epoxy coated.

SOUTH ABUTMENT
N. MAIN STREET (FAS 844) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 883+53.16
STRUCTURE NO. 082-0182

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB DRAWN: P. Ray
CHECKED: DCD CHECKED: CDB/DCD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRE-STAGE 1

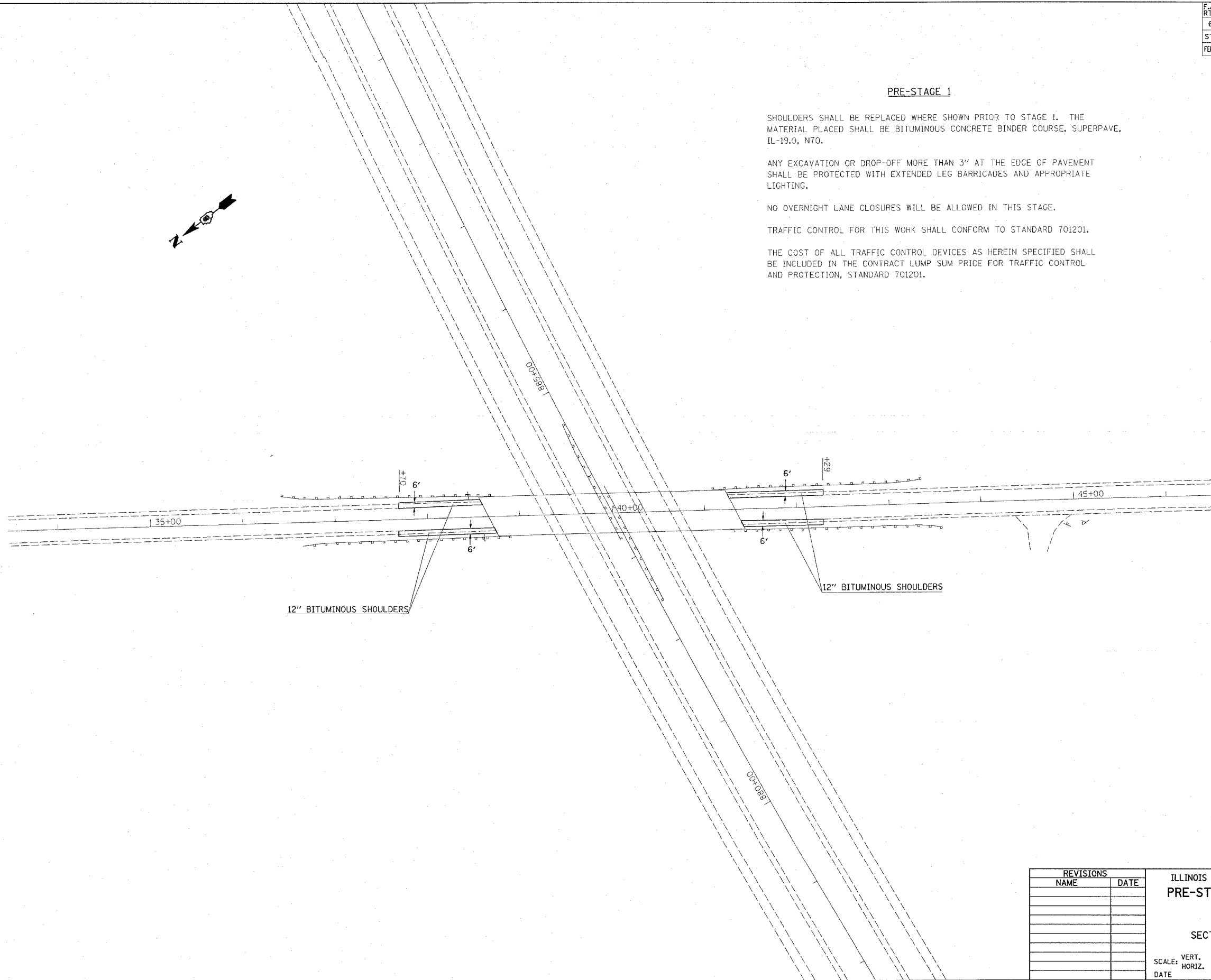
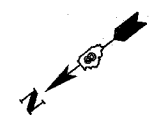
SHOULDERS SHALL BE REPLACED WHERE SHOWN PRIOR TO STAGE 1. THE MATERIAL PLACED SHALL BE BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70.

ANY EXCAVATION OR DROP-OFF MORE THAN 3" AT THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED IN THIS STAGE.

TRAFFIC CONTROL FOR THIS WORK SHALL CONFORM TO STANDARD 701201.

THE COST OF ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, STANDARD 701201.



PLOT DATE * DATE *
 FILE NAME * SCALE *
 REFERENCE * REF *

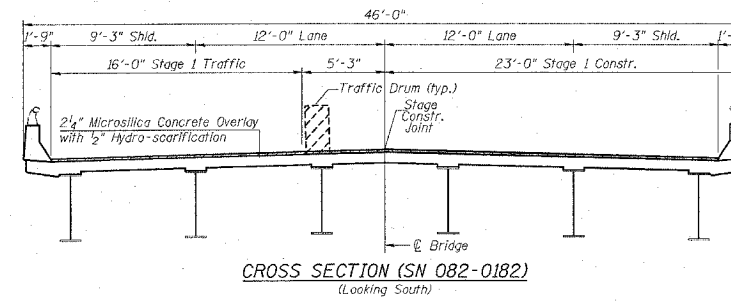
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PRE-STAGE 1 TRAFFIC CONTROL
SN 082-0182
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TRS-1, 82-7HB, 2I	ST. CLAIR	89	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



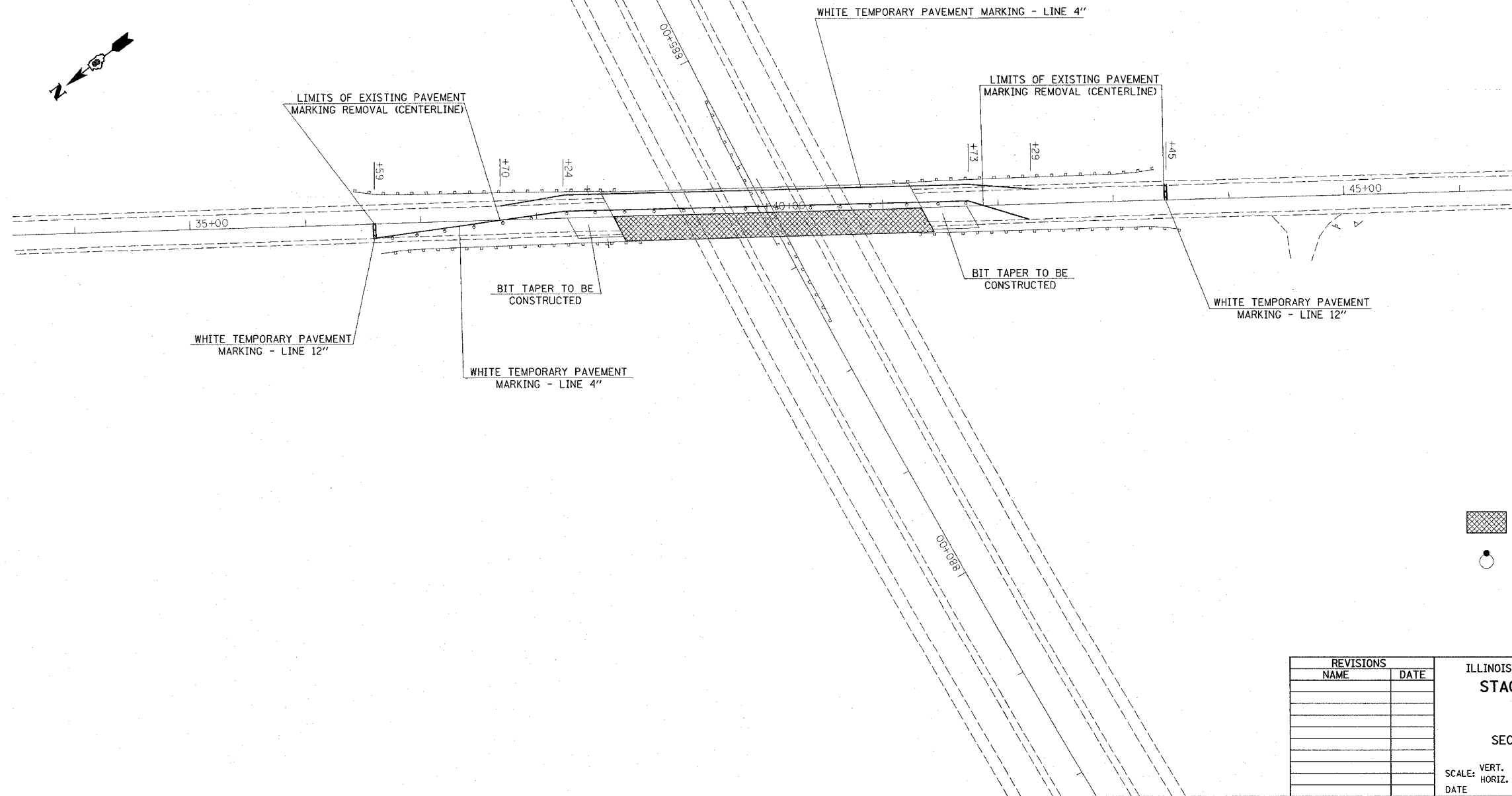
NOTES

SIGNS, TRAFFIC SIGNALS, INDUCTION LOOP DETECTORS, AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316 OR AS DIRECTED BY THE RESIDENT ENGINEER.

THE TEMPORARY EDGE LINE SHOWN IS STRIPED 4' AWAY FROM THE PARAPET MAKING THE ACTUAL STAGE 1 TRAFFIC LANE 12' WIDE.

THE MATERIAL PLACED FOR THE BITUMINOUS TAPER SHALL BE SURFACE COURSE, MIX D.

THE APPLICATION AND REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701316.



- WORK AREA
- DRUM WITH STEADY BURNING LIGHT

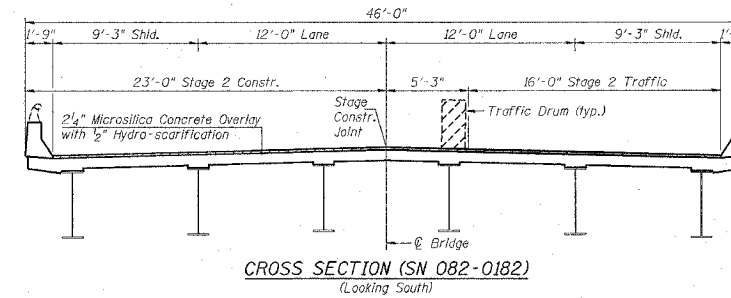
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 TRAFFIC CONTROL
SN 082-0182
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



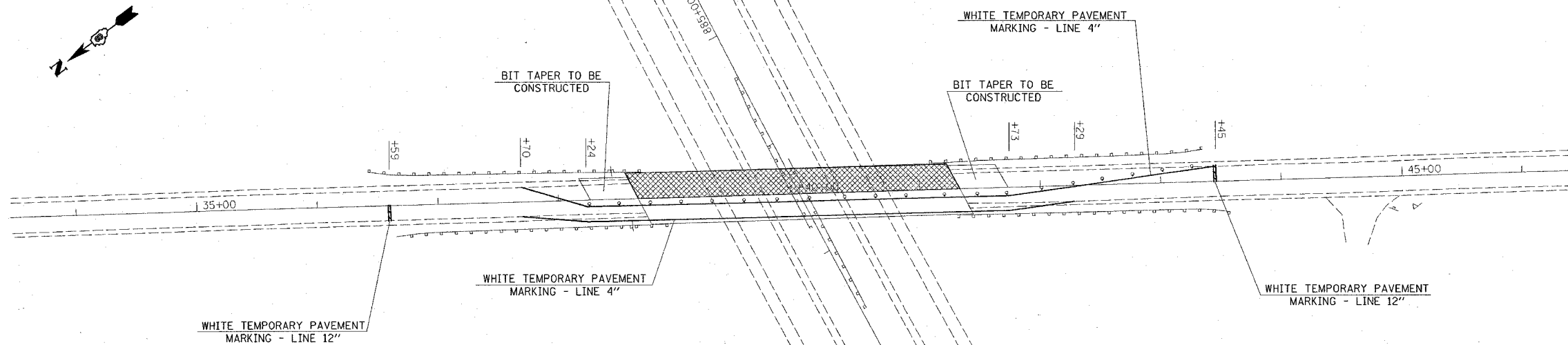
NOTES



SIGNS, TRAFFIC SIGNALS, INDUCTION LOOP DETECTORS, AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316 OR AS DIRECTED BY THE RESIDENT ENGINEER.

THE TEMPORARY EDGELINE SHOWN IS STRIPED 4' AWAY FROM THE PARAPET MAKING THE ACTUAL STAGE 2 TRAFFIC LANE 12' WIDE.

THE MATERIAL PLACED FOR THE BITUMINOUS TAPER SHALL BE SURFACE COURSE, MIX D.

THE APPLICATION AND REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701316.



-  WORK AREA
-  DRUM WITH STEADY BURNING LIGHT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 TRAFFIC CONTROL
SN 082-0182
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

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

PLOT DATE = DATE*
 PLOT SCALE = SCALE*
 REFERENCE = REF*

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	81
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76813	

INDEX OF SHEETS

Sheet No.	Description
1	Gen Plan, Gen Notes & Total Bill of Mat'l
2	Deck Plan (SB)
3	Deck Plan (NB)
4	Superstructure
5	Abutment (SB)
6	Abutment (NB)

GENERAL NOTES

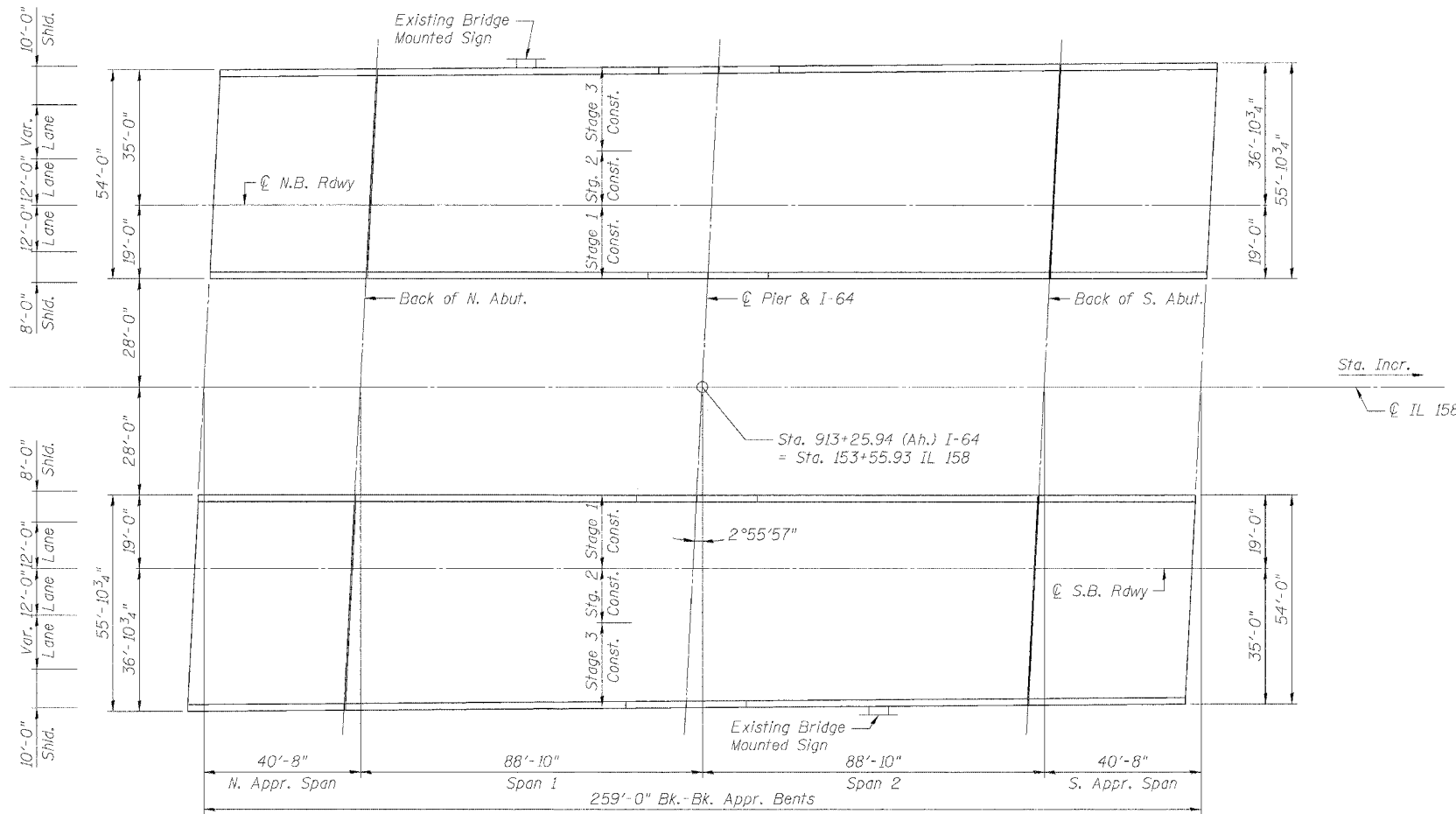
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction 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 at the unit price for the work.

Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60. Reinforcement bars designated (E) shall be epoxy coated.

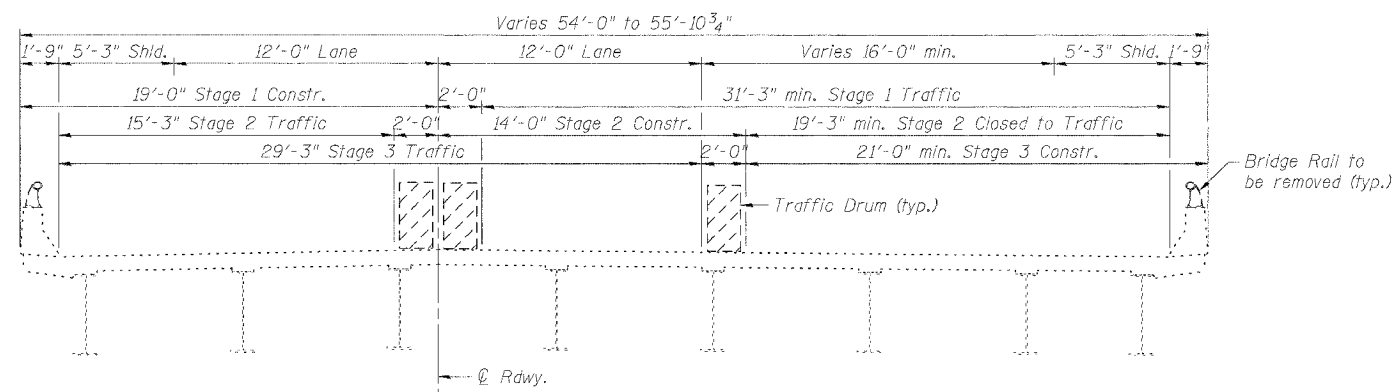
All epoxy grouted bars shall have a minimum embedment as shown on the plans and shall be placed according to Section 5B4 of the Standard Specifications. Cost of hole drilling and epoxy grouting is included with "Reinforcement Bars, Epoxy Coated".

All construction joints shall be bonded.

A Concrete Sealer shall be applied to the surfaces of the deck and parapets (See Special Provisions for BRIDGE DECK CONCRETE SEALER).



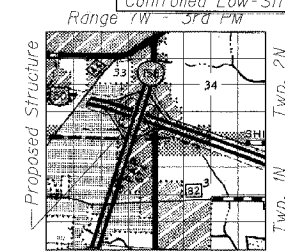
PLAN



CROSS SECTION
(NB Bridge Looking North,
SB Bridge Looking South)

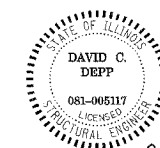
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A1	Ton	--	168	168
Stone Riprap, Class A3	Ton	--	148	148
Filter Fabric For Use With Riprap	Sq Yd	--	600	600
Crack Routing (Pavement)	Foot	220	--	220
Crack Filling	Pound	200	--	200
Bridge Rail Removal	Foot	1016	--	1016
Preformed Joint Seal 2 1/2"	Foot	210	--	210
Concrete Superstructure	Cu Yd	22.6	--	22.6
Formed Concrete Repair (Depth <= 5")	Sq Ft	27	16	43
Reinforcement Bars, Epoxy Coated	Pound	5400	--	5400
Concrete Sealer	Sq Yd	3430	--	3430
Repair And Replace Damaged Conduit	Foot	--	2	2
Controlled Low-Strength Materials (CLSM)	Cu. Yd.	--	1.0	1.0



LOCATION SKETCH

GENERAL PLAN
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184



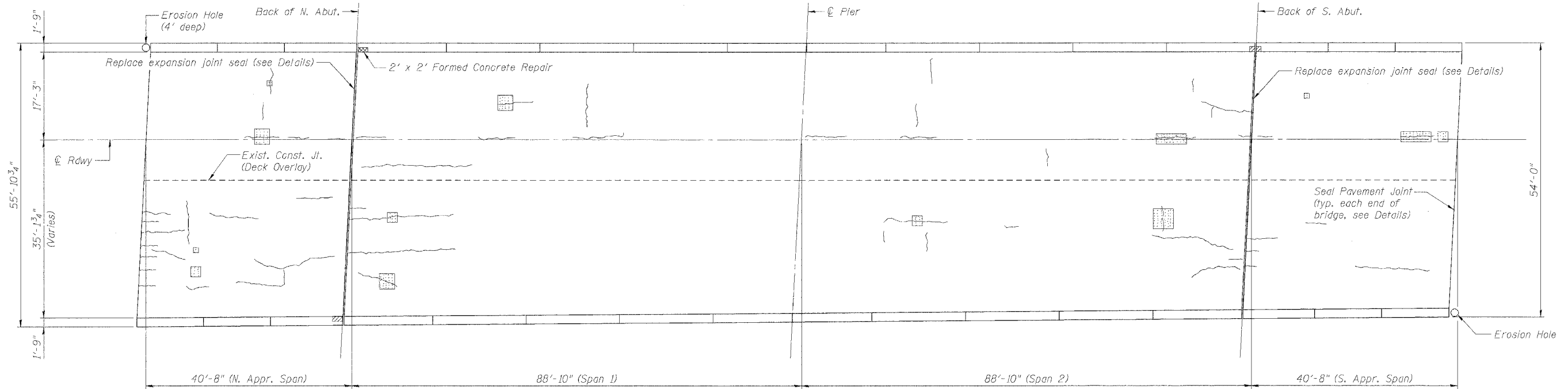
Signed: *David Depp*
Date: *3-28-2005*
Lic. Expires: 11-30-2006

<p>Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois</p>			
DESIGNED:	CDB	DRAWN:	SJS
CHECKED:	DCD	CHECKED:	CDB/DCD

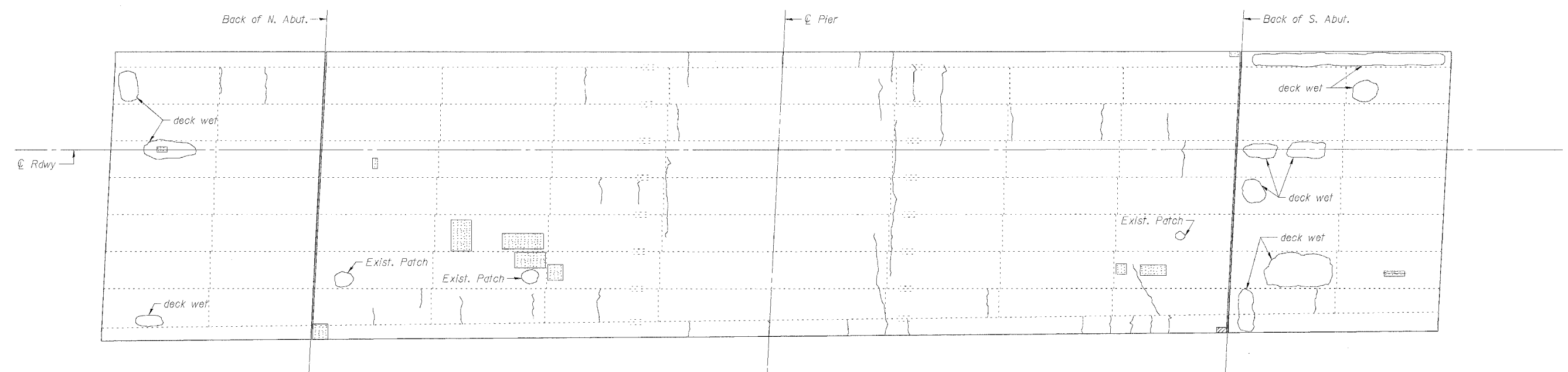
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 2
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	69	62
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76813				



TOP PLAN



BOTTOM PLAN

- LEGEND**
- Hollow or Unsound Concrete (188 S.F.)
 - Spalled Concrete (6 S.F.)
 - Spalled Concrete with Exposed Rebar (4 S.F.)
 - Hairline Crack

NOTES:
Deck Condition Survey performed 9/01/2004.
The Engineer shall record actual locations of deck repair on the As-Built plans.

DECK PLAN (SB)
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184

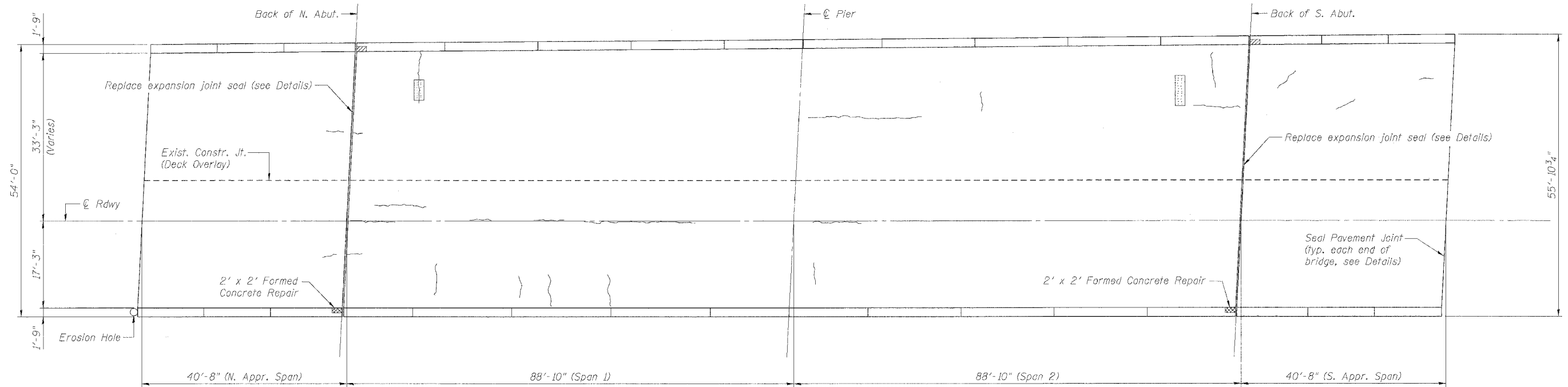
Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	
DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

DATE: 03/28/2005 - 13:32:47 USER: P. Roy FILE: F:\110132_IL-DBVW\2-1-64 Bridge Repairs\4-SN0183_4-IL58\02deck_sb.dgn

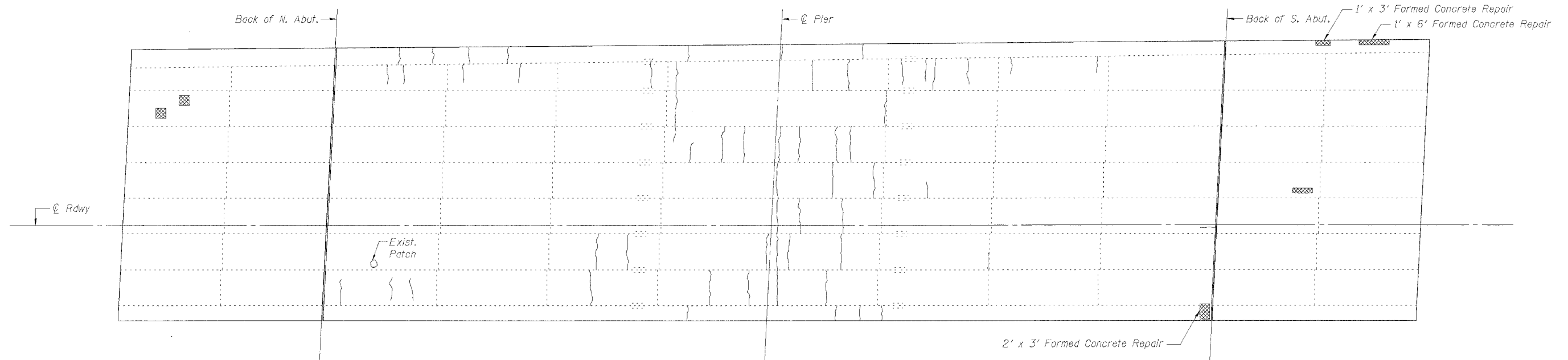
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 3
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	83
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76813	



TOP PLAN



BOTTOM PLAN

LEGEND

- Hollow or Unsound Concrete (20 S.F.)
- Spalled Concrete (4 S.F.)
- Spalled Concrete with Exposed Rebar (35 S.F.)
- Hairline Crack

NOTES:

Deck Condition Survey performed 9/01/2004.

The Engineer shall record actual locations of deck repair on the As-Built plans.

Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	
DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

DECK PLAN (NB)
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184

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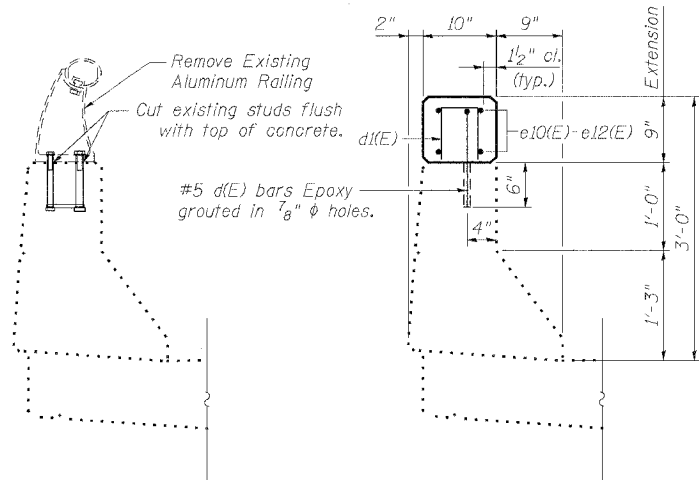
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DATE: 03/28/2005 - 13:33:25

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

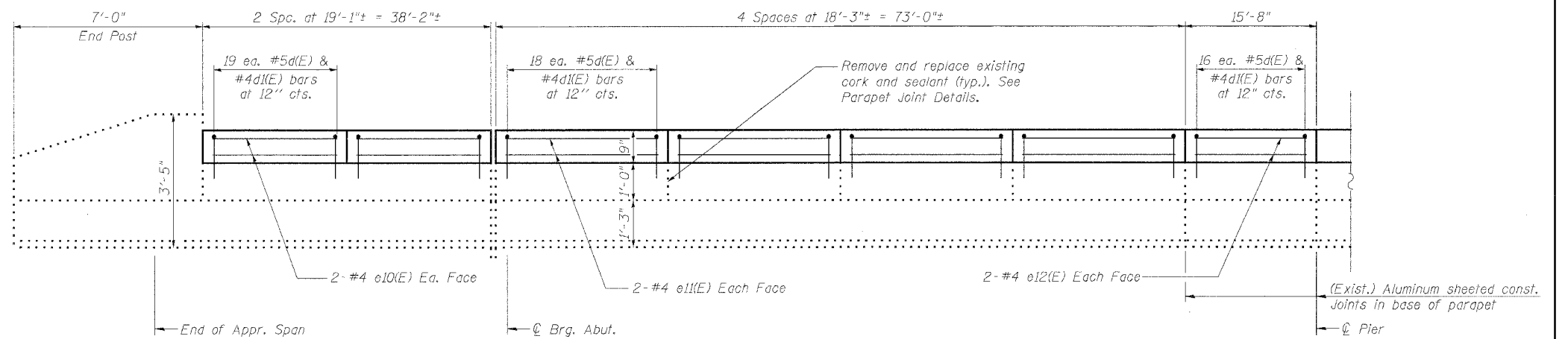
SHEET 4
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 21	ST. CLAIR	89	64
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. T6813				

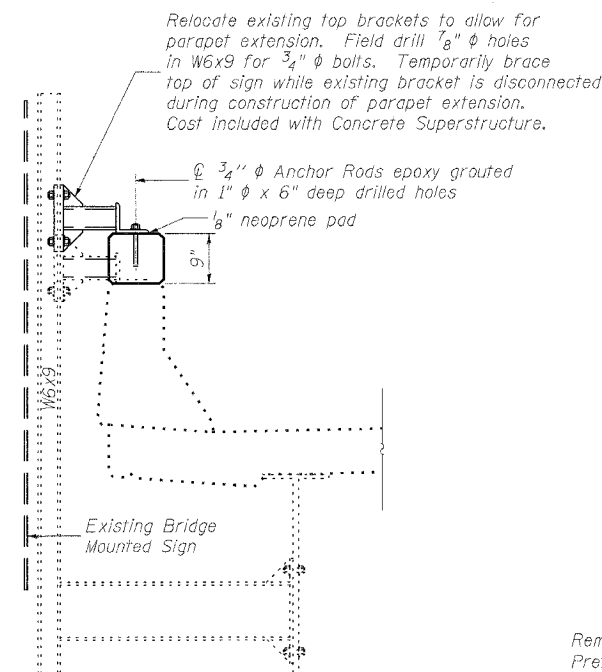


BRIDGE RAIL REMOVAL

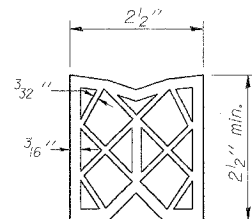
SECTION THRU PARAPET



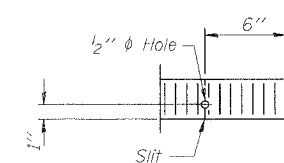
INSIDE ELEVATION OF PARAPET



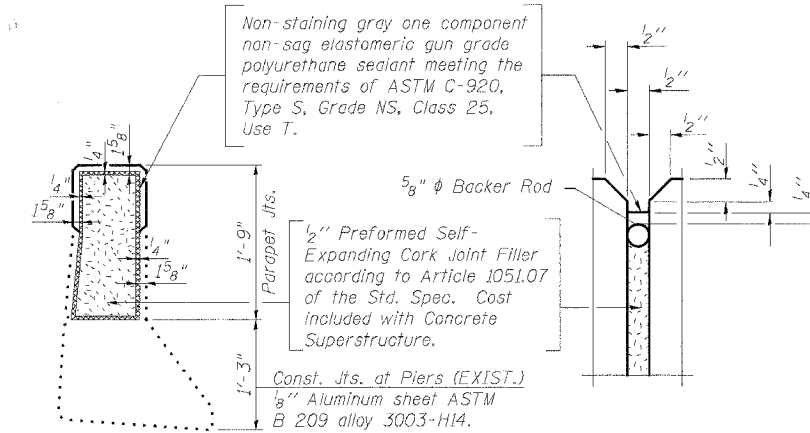
BRIDGE MOUNTED SIGN



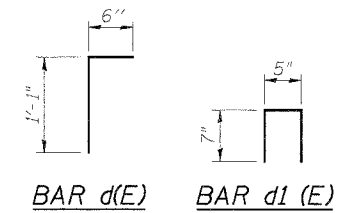
PREFORMED JOINT SEAL



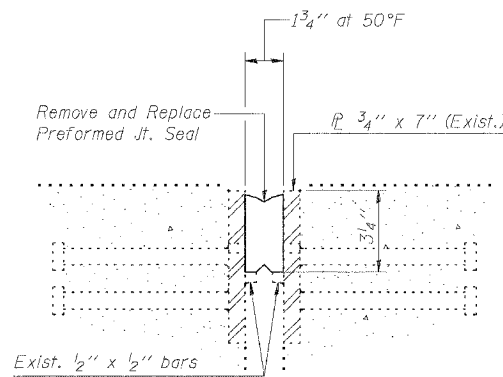
END OF SEAL CUT-OUT



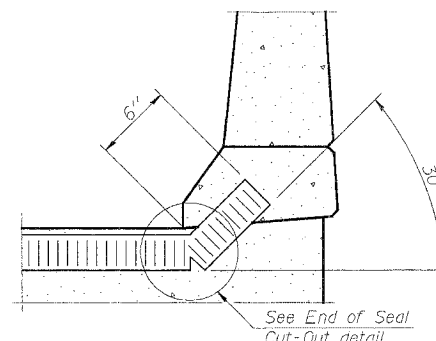
PARAPET JOINT DETAILS



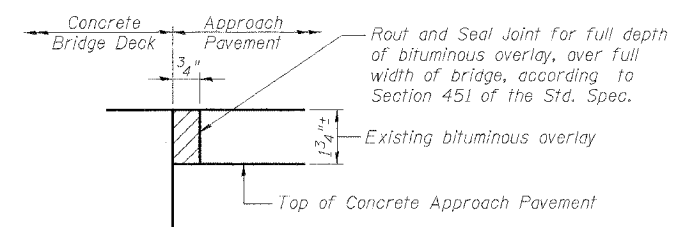
BAR d(E) BAR d1(E)



SECTION THRU EXPANSION JOINT



TYPICAL END TREATMENT



APPROACH PAVEMENT JOINT

SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	1008	#5	1'-7"	L
d1(E)	1008	#4	1'-7"	П
e10(E)	64	#4	18'-9"	—
e11(E)	128	#4	17'-11"	—
e12(E)	32	#4	15'-4"	—
Reinforcement Bars, Epoxy Coated		Pound	5400	
Concrete Superstructure		Cu. Yd.	22.6	
Bridge Rail Removal		Foot	1016	
Preformed Joint Seal 2 1/2"		Foot	210	
Formed Concrete Repair (Depth = < 5")		Sq. Ft.	27	
Concrete Sealer		Sq. Yd.	3430	
Crack Routing (Pavement)		Foot	220	
Crack Filling		Pound	200	

Reinforcement Bars designated (E) shall be epoxy coated.

SUPERSTRUCTURE
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 21
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184

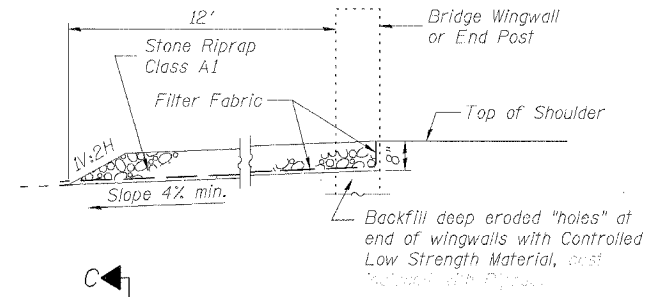
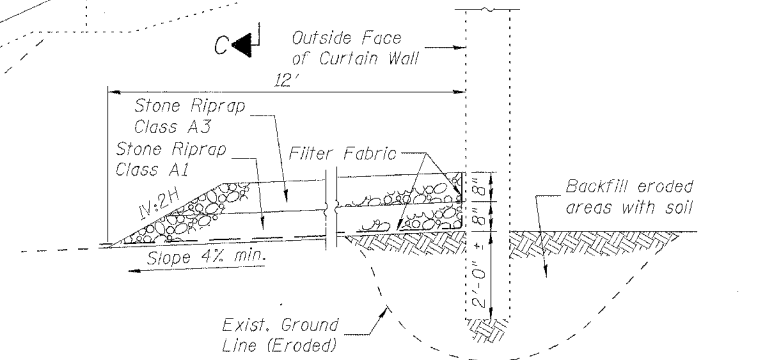
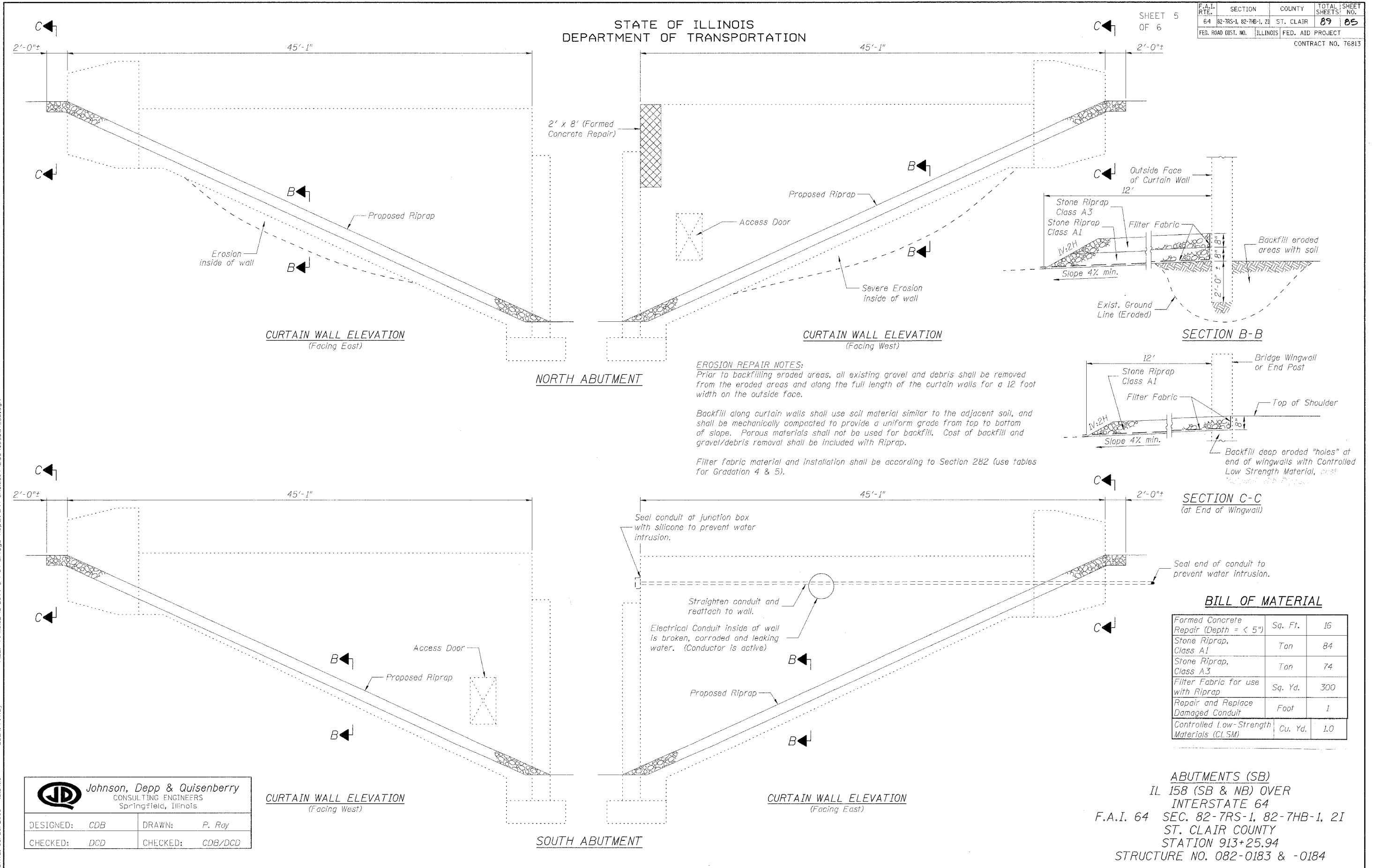
JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: SJS
CHECKED: DCD	CHECKED: CDB/DCD

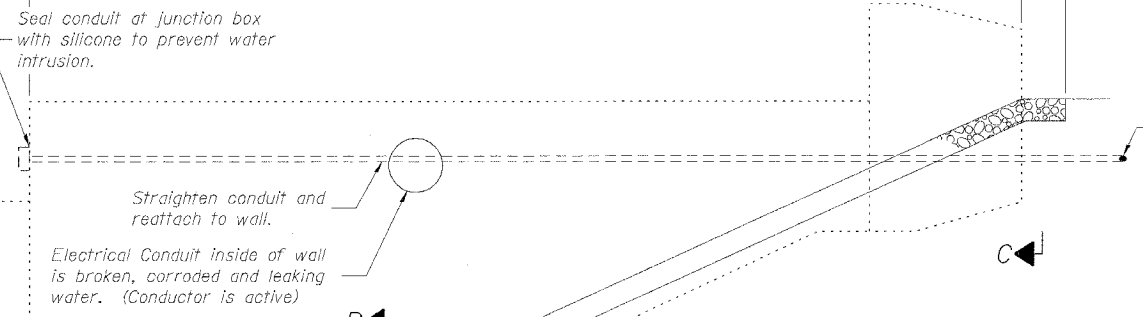
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 5
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB-1, 2I	ST. CLAIR	89	85
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. T6813				



EROSION REPAIR NOTES:
Prior to backfilling eroded areas, all existing gravel and debris shall be removed from the eroded areas and along the full length of the curtain walls for a 12 foot width on the outside face.
Backfill along curtain walls shall use soil material similar to the adjacent soil, and shall be mechanically compacted to provide a uniform grade from top to bottom of slope. Paras materials shall not be used for backfill. Cost of backfill and gravel/debris removal shall be included with Riprap.
Filter fabric material and installation shall be according to Section 282 (use tables for Gradation 4 & 5).



BILL OF MATERIAL

Formed Concrete Repair (Depth = < 5")	Sq. Ft.	16
Stone Riprap, Class A1	Ton	84
Stone Riprap, Class A3	Ton	74
Filter Fabric for use with Riprap	Sq. Yd.	300
Repair and Replace Damaged Conduit	Foot	1
Controlled Low-Strength Materials (CLSM)	Cu. Yd.	1.0

ABUTMENTS (SB)
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7HB-1, 2I
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: CDB	DRAWN: P. Ray
CHECKED: DCD	CHECKED: CDB/DCD

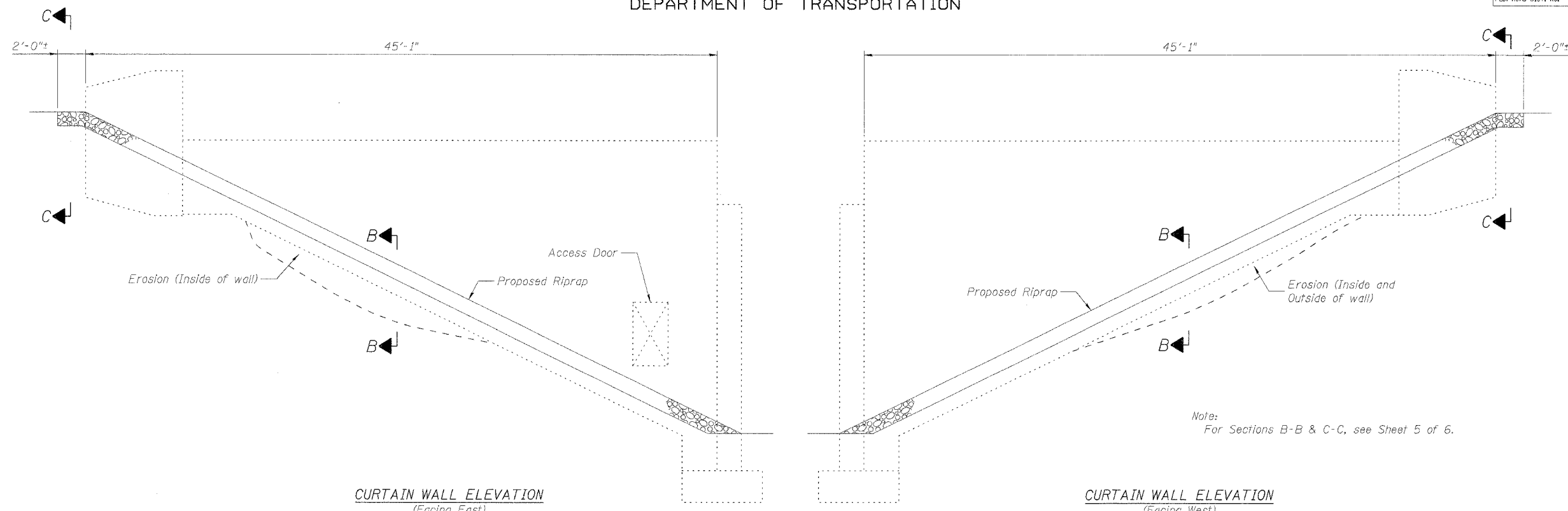
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 6
OF 6

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7NB-1, 21	ST. CLAIR	89	86
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76813

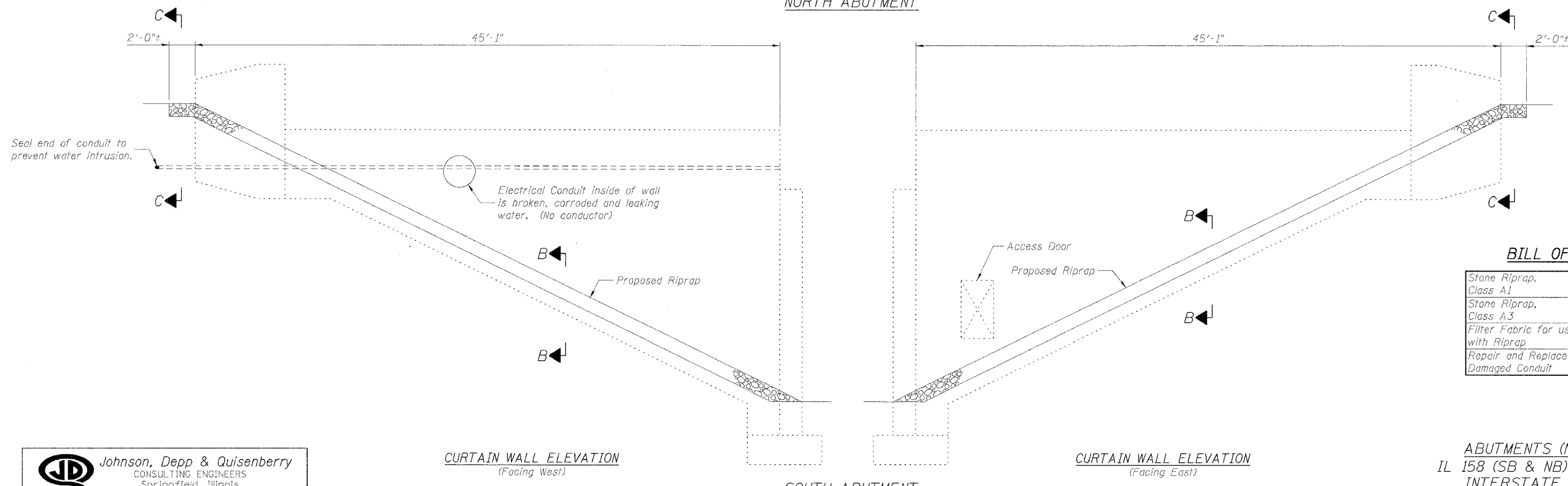


Note:
For Sections B-B & C-C, see Sheet 5 of 6.

CURTAIN WALL ELEVATION
(Facing East)

CURTAIN WALL ELEVATION
(Facing West)

NORTH ABUTMENT



CURTAIN WALL ELEVATION
(Facing West)

CURTAIN WALL ELEVATION
(Facing East)

SOUTH ABUTMENT

BILL OF MATERIAL

Stone Riprap, Class A1	Ton	84
Stone Riprap, Class A3	Ton	74
Filter Fabric for use with Riprap	Sq. Yd.	300
Repair and Replace Damaged Conduit	Foot	1

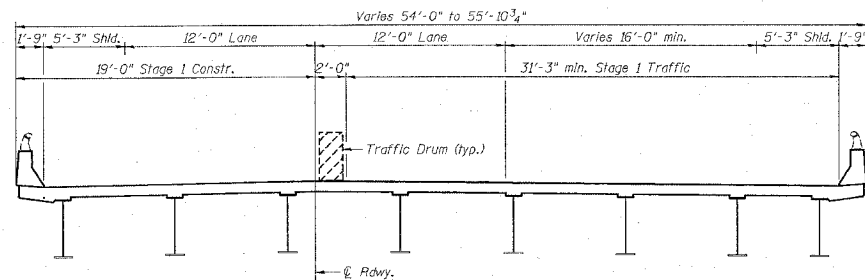
ABUTMENTS (NB)
IL 158 (SB & NB) OVER
INTERSTATE 64
F.A.I. 64 SEC. 82-7RS-1, 82-7NB-1, 21
ST. CLAIR COUNTY
STATION 913+25.94
STRUCTURE NO. 082-0183 & -0184

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

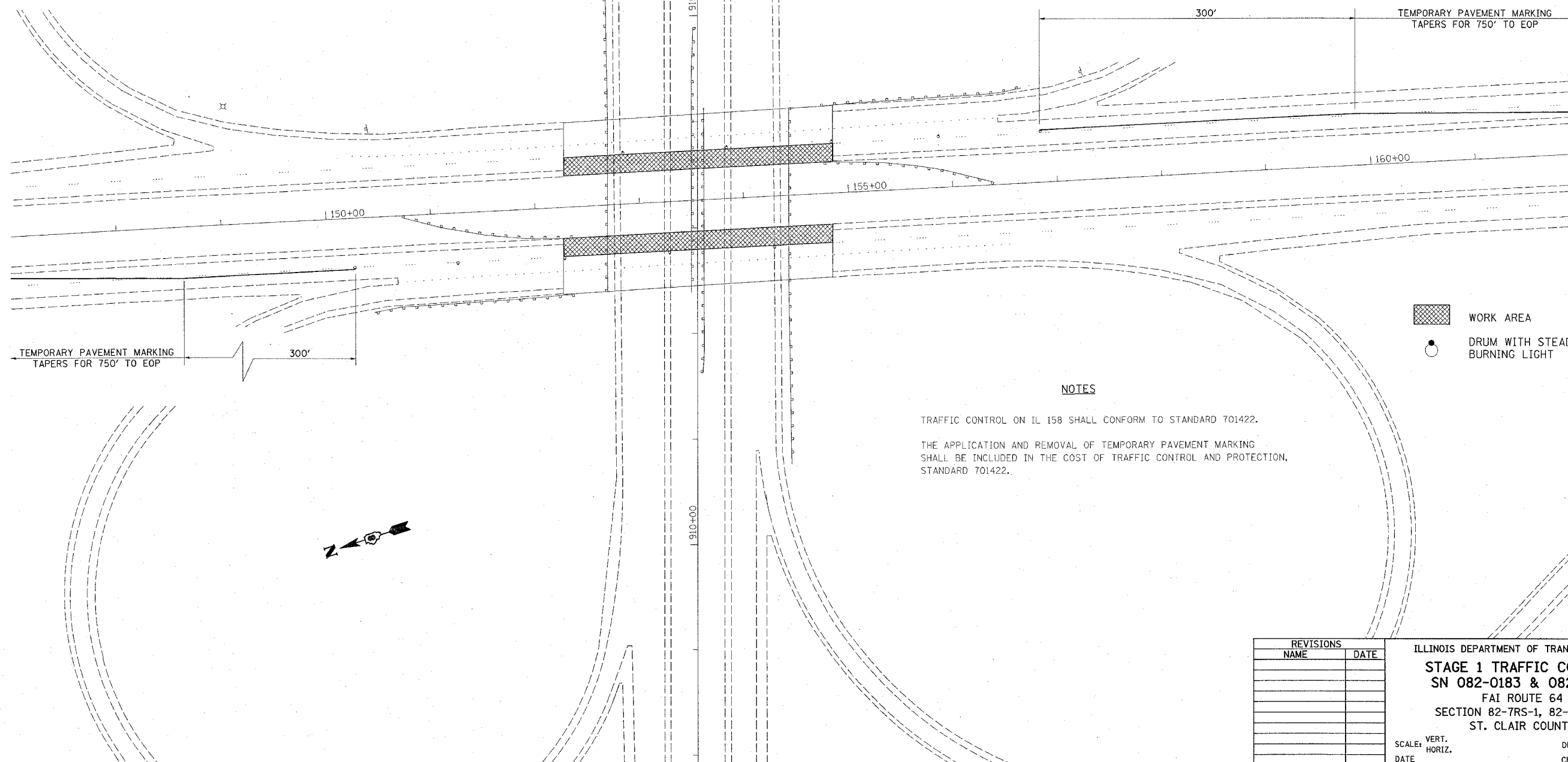
DESIGNED:	CDB	DRAWN:	P. Ray
CHECKED:	DCD	CHECKED:	CDB/DCD

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-TR5-1, 82-7HB, 2I	ST. CLAIR	89	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



CROSS SECTION (SN 082-0183 & -0184)
 (NB Bridge Looking North,
 SB Bridge Looking South)



NOTES

TRAFFIC CONTROL ON IL 158 SHALL CONFORM TO STANDARD 701422.
 THE APPLICATION AND REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701422.

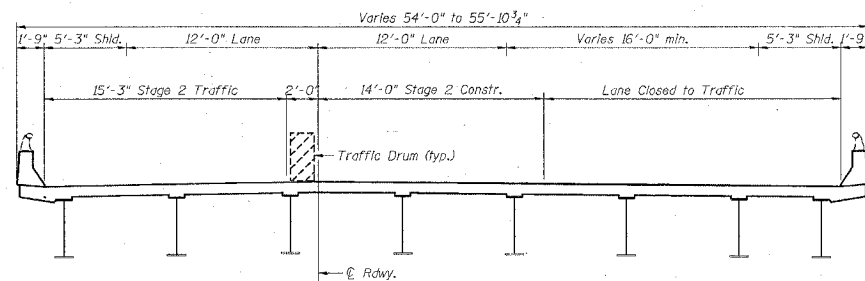
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 TRAFFIC CONTROL
SN 082-0183 & 082-0184
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

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

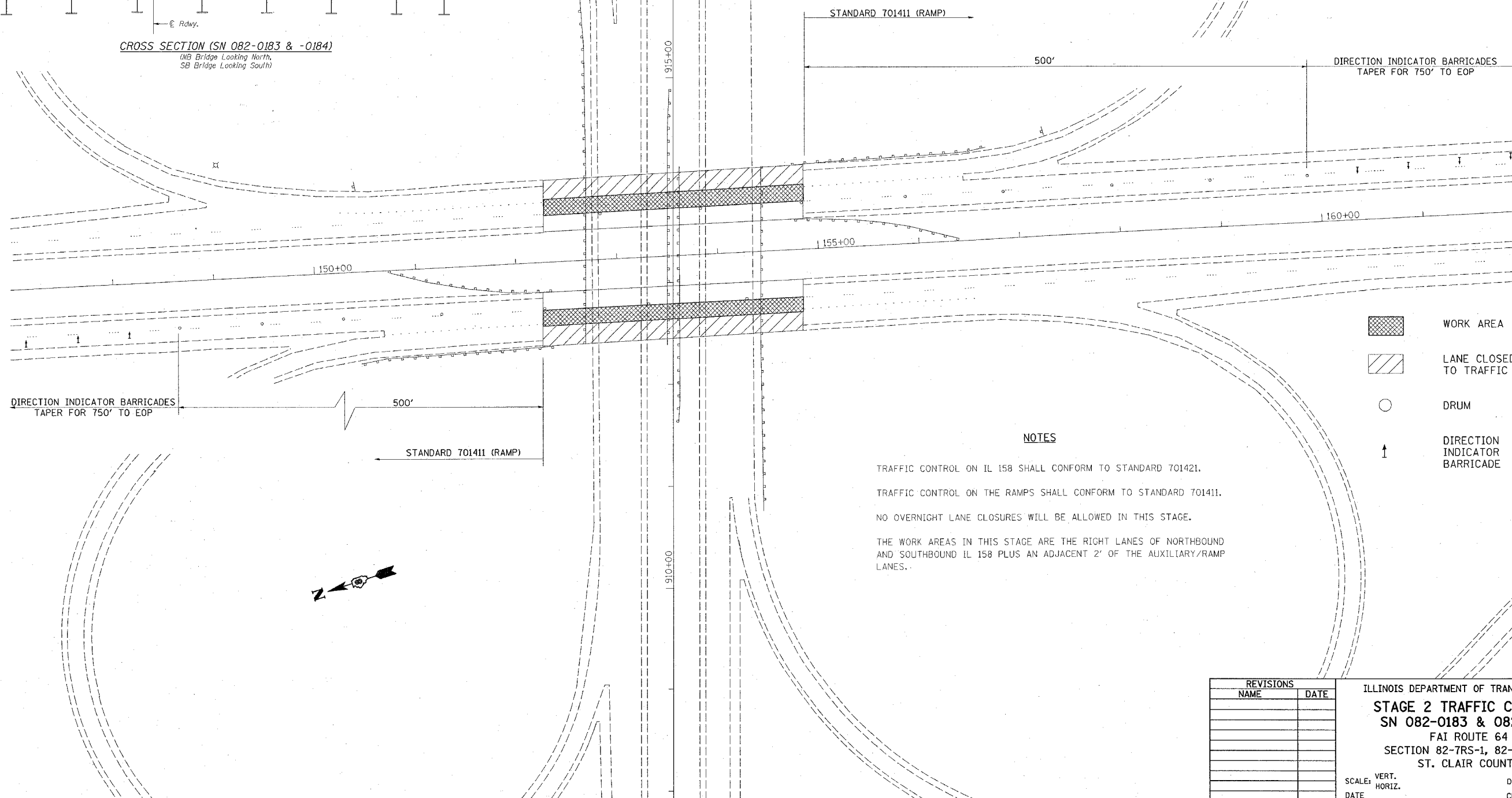
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	88
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



CROSS SECTION (SN 082-0183 & -0184)

(WB Bridge Looking North,
SB Bridge Looking South)



-  WORK AREA
-  LANE CLOSED TO TRAFFIC
-  DRUM
-  DIRECTION INDICATOR BARRICADE

NOTES

TRAFFIC CONTROL ON IL 158 SHALL CONFORM TO STANDARD 701421.
 TRAFFIC CONTROL ON THE RAMPS SHALL CONFORM TO STANDARD 701411.
 NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED IN THIS STAGE.
 THE WORK AREAS IN THIS STAGE ARE THE RIGHT LANES OF NORTHBOUND AND SOUTHBOUND IL 158 PLUS AN ADJACENT 2' OF THE AUXILIARY/RAMP LANES.

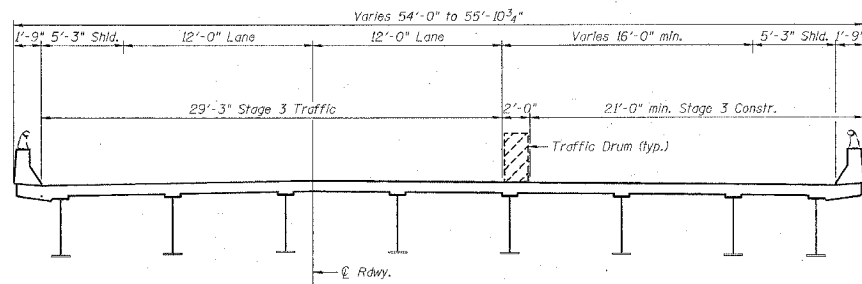
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 2 TRAFFIC CONTROL
SN 082-0183 & 082-0184
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

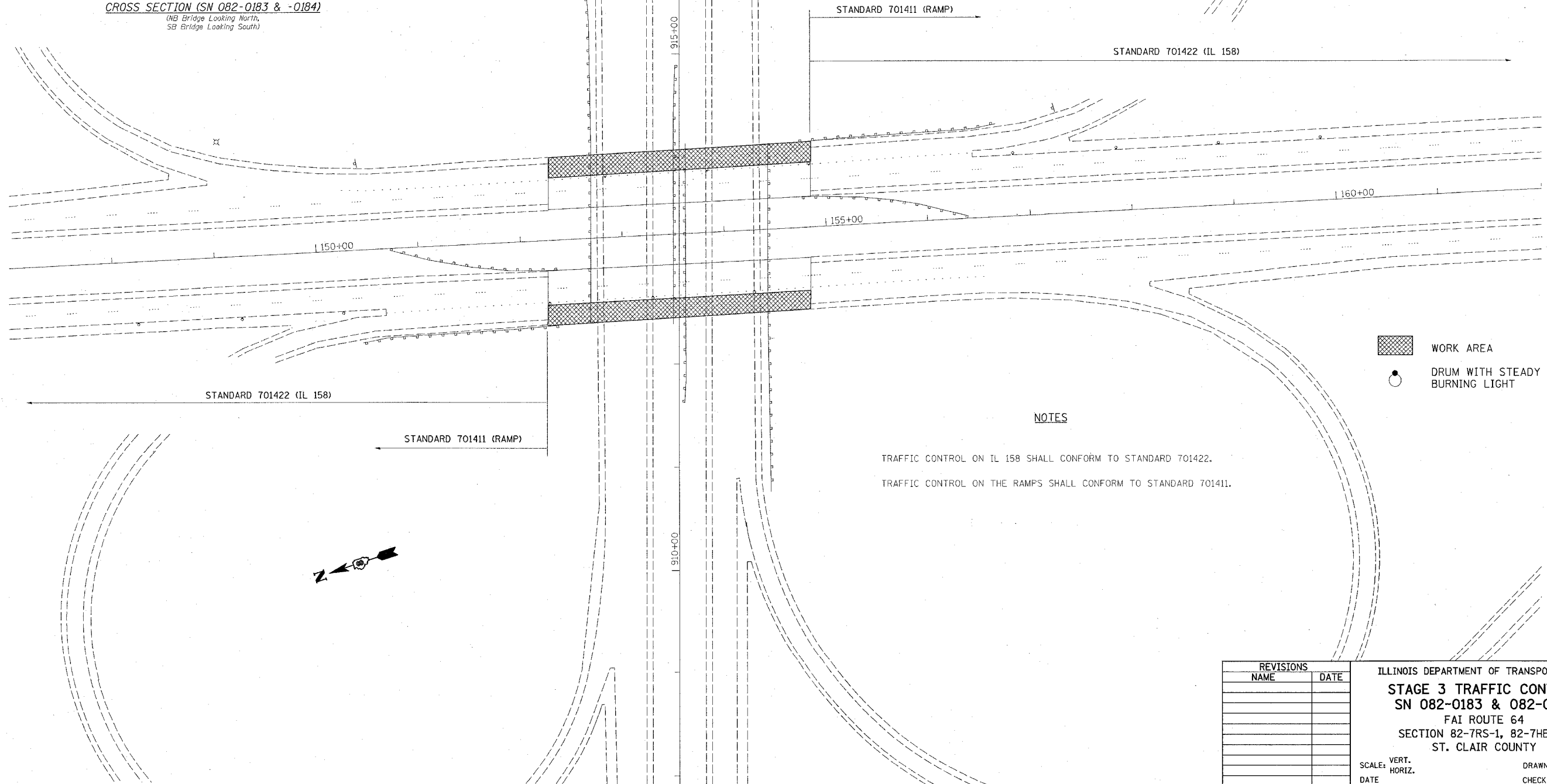
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 DATE _____ DRAWN BY _____
 CHECKED BY _____



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7RS-1, 82-7HB, 2I	ST. CLAIR	89	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CROSS SECTION (SN 082-0183 & -0184)
 (NB Bridge Looking North,
 SB Bridge Looking South)



-  WORK AREA
-  DRUM WITH STEADY BURNING LIGHT

NOTES

TRAFFIC CONTROL ON IL 158 SHALL CONFORM TO STANDARD 701422.
 TRAFFIC CONTROL ON THE RAMP SHALL CONFORM TO STANDARD 701411.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 3 TRAFFIC CONTROL
SN 082-0183 & 082-0184
 FAI ROUTE 64
 SECTION 82-7RS-1, 82-7HB, 2I
 ST. CLAIR COUNTY

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

PLOT DATE * #DATE*
 PLOT SCALE * #SCALE*
 REFERENCE * #REF*