

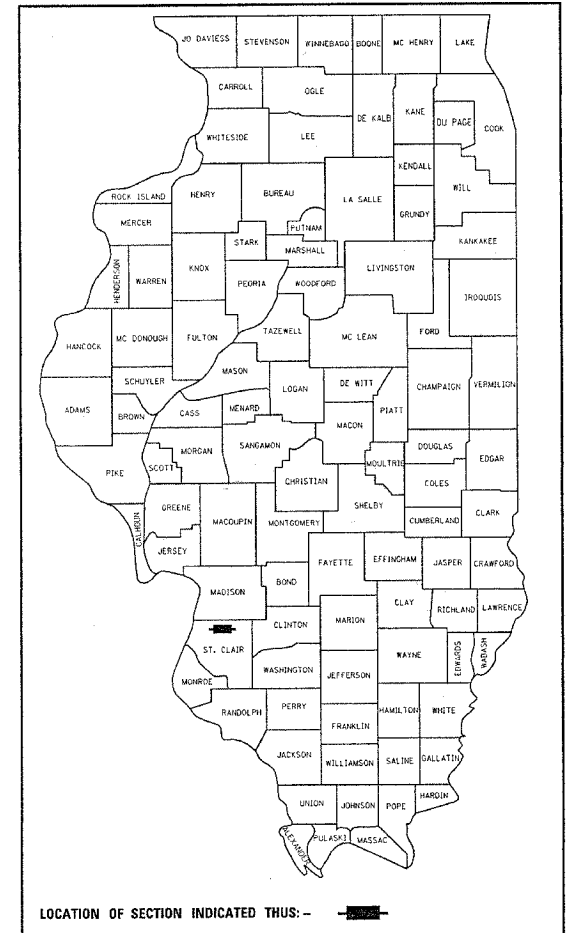
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS
FAI ROUTE 64 (I-64)
SECTION 82-6K-1
NHI-064-1(118)013
ST. CLAIR COUNTY
WIDENING & RESURFACING
C-98-081-04**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-069-04



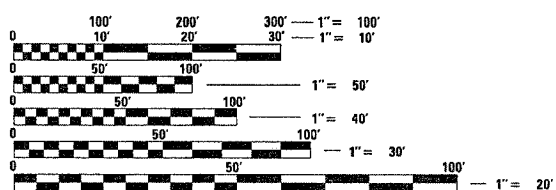
LOCATION OF SECTION INDICATED THUS: - [highlighted box] -

ADT	
<u>N. W. RAMP</u>	<u>N. E. RAMP</u>
2004 ADT=9400	2004 ADT=9300
2008 ADT=10700	2008 ADT=10700
2028 ADT=11800	2028 ADT=11800
SU=2.4%	SU=2.3%
MU=4.1%	MU=3.0%
<u>US HWY 50</u>	<u>S. E. RAMP</u>
2004 ADT=34100	2004 ADT=3200
2008 ADT=37300	2008 ADT=5500
2028 ADT=42000	2028 ADT=6900
SU=3.2%	SU=2.0%
MU=3.1%	MU=1.6%

<u>S. W. RAMP</u>
2004 ADT=3900
2008 ADT=5500
2028 ADT=6900
SU=2.4%
MU=2.2%

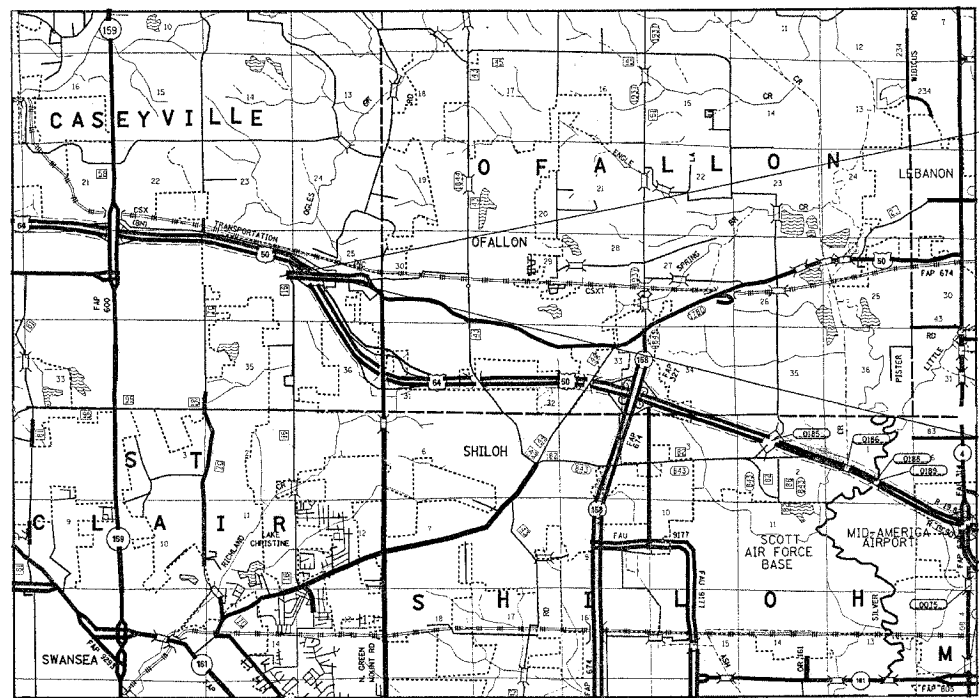
PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
SQUAD LEADER: CHERYL KEPLAR (618) 346-3186

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



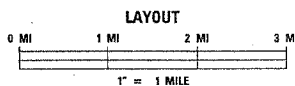
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



BEGIN
STA 47+00.00
LAT: 38.59261
LONG: -89.94750

END
STA 68+36.00
LAT: 38.59240
LONG: -89.94095



GROSS LENGTH = 2,136 FT = .40 MI
NET LENGTH = 2,136 FT = .40 MI

DESIGN DESIGNATION
FAI 64 RAMPS-11600(2026) INTERSTATE RAMP 7.9 (FD-20)
WEST HWY 50-41368(2026) ARTERIAL 7.39 (FD-20)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 6 2005
Mary C. Lamic
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 19, 2005
Mike Ware
ENGINEER OF DESIGN AND ENVIRONMENT

August 19, 2005
Victor Moders
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

CONTRACT NO. 76815

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
- 3-8 SUMMARY OF QUANTITIES
- 9-17 TYPICAL SECTIONS
- 18-25 SCHEDULES OF QUANTITIES
- 26-27 ALIGNMENT, TIES AND BENCHMARKS
- 28-42 PLAN SHEETS
- 43-60 STORM WATER POLLUTION PREVENTION PLANS
- 61-63 INTERSECTION DETAILS
- 64-76 PAVEMENT MARKING SHEETS
- *77-87 TRAFFIC SIGNAL AND LIGHTING SHEETS
- 88-97A SIGN TRUSS SHEETS
- 98-106 STRUCTURE REPAIR DETAILS
- 107-108 MISCELLANEOUS DETAILS
- 109-112 TRAFFIC CONTROL DETAILS
- 113-188 CROSS SECTIONS

* 86 DELETED

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. 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
- *AMERENIP-GAS
- *AT&T CORPORATION-COMMUNICATIONS
- *CASEYVILLE TOWNSHIP ADVANCED WASTEWATER TREATMENT SYSTEM-SANITARY SEWER
- *CHARTER COMMUNICATIONS, INC.-CABLE TV
- *CITY OF O'FALLON-WATER & SANITARY SEWER
- *QWEST COMMUNICATIONS- COMMUNICATIONS
- *SBC- COMMUNICATIONS

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

16. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
17. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER, INSTALLATION BY METHOD "A" (ART. 730.04(g)) SHALL BE THE ONLY METHOD PERMITTED.
18. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
19. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
20. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

STANDARDS

000001-04	701301-02
001001	701311-02
280001-02	701400-02
353001-02	701401-03
421001-01	701501-03
421101-05	701606-04
442001-02	701701-04
442201-01	702001-05
482001	720001
482006-01	720006
482011-01	720011
483001-02	720021-01
542116	729001
601001	780001-01
601101	781001-02
606001-02	
606006	814001
606301-02	814006
606306-01	878001-03
630001-05	880006
630301-03	886001
631031-05	886006
635001	877011-02

4. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE.
5. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
6. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
7. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	Level Binder	BINDER	SHOULDERS	TOP LIFT SHOULDERS
AC/PG	SBS 76-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP % (MAX)	0%	10%	10%	30%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @Ndes=90	4.0% @Ndes=90	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)			IL 19.0		
FRICITION AGG	MIXTURE "E"	MIXTURE "C"	BINDER	BAM	BAM

**TOP LIFT SHOULDERS-DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

8. ANY EARTHWORK ASSOCIATED WITH REMOVAL OR PLACEMENT OF THE GUTTER AND CURB & GUTTER SHALL BE INCLUDED IN THE COST FOR THE GUTTER AND COMBINATION CONCRETE CURB & GUTTER.
9. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES, OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.
10. THE MANUFACTURER SHALL SPECIFICALLY RECOMMEND ALL EROSION CONTROL PRODUCTS FURNISHED FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
11. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDDED WITH CLASS 1,2, OR 3 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04.
12. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03.
13. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
14. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
15. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

COMMITMENTS
NONE

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	2
STA. _____		TO STA. _____		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
NOTE BOOK	ADJUSTMENT CHECKED	
NO. _____	BY _____	
	DATE _____	

#DATE
#REF-
#REF-

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, STANDARDS
AND INDEX OF SHEETS

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:

SUMMARY OF QUANTITIES

90% FED. / 10% STATE

FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6k-1	ST. CLAIR	188	3

CONTRACT NO.: 76815

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		URBAN J000-2A	URBAN SFTY-2A	URBAN Y031-1F	URBAN Y002-1C
* X7800450	POLYUREA PAVEMENT MARKING TYPE I - CURB	FOOT	471	471			
* X7800455	POLYUREA PAVEMENT MARKING TYPE I - RAISED MEDIAN	SQ FT	156	156			
X4069128	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90 13 3/4"	SQ YD	4688	4688			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	88	88			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36	36			
20200100	EARTH EXCAVATION	CU YD	881	881			
20400800	FURNISHED EXCAVATION	CU YD	3349	3349			
25000210	SEEDING, CLASS 2A	ACRE	3.3	3.3			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	330	330			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	330	330			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	330	330			
25000775	SELECTIVE MOWING STAKES	EACH	16	16			
25001750	SEEDING, CLASS 4 (SPECIAL)	ACRE	0.9	0.9			
25100105	MULCH, METHOD 1	ACRE	2.32	2.32			
25100115	MULCH, METHOD 2	ACRE	3.3	3.3			
25100630	EROSION CONTROL BLANKET	SQ YD	11233	11233			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	928	928			
28000300	TEMPORARY DITCH CHECKS	EACH	48	48			
28000400	PERIMETER EROSION BARRIER	FOOT	2894	2894			
28000500	INLET AND PIPE PROTECTION	EACH	1	1			
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	6329	6329			
30201400	WATER	UNIT	94.9	94.9			
30201500	LIME	TON	121.8	121.8			
35100100	AGGREGATE BASE COURSE, TYPE A	TON	497	497			
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	402	402			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	15.8	15.8			
40600300	AGGREGATE (PRIME COAT)	TON	41.82	41.82			
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	964	964			
42001300	PROTECTIVE COAT	SQ YD	1544	1544			
40600990	TEMPORARY RAMP	SQ YD	378	378			
44000008	BITUMINOUS SURFACE REMOVAL 2 1/2"	SQ YD	1500	1500			
44000100	PAVEMENT REMOVAL	SQ YD	320	320			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	215	215			
44003100	MEDIAN REMOVAL	SQ FT	4090	4090			

* SPECIALTY ITEMS

PLOT DATE: 7/5/2005

Rev.

SUMMARY OF QUANTITIES

90% FED./10% STATE

FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	4

CONTRACT NO.: 76815

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		URBAN J000-2A	URBAN SFTY-2A	URBAN Y031-1F	URBAN Y002-1C
44004250	PAVED SHOULDER REMOVAL	SQ YD	3044	3044			
44200108	PAVEMENT PATCHING, TYPE II, 9 INCH	SQ YD	48.3	48.3			
44200112	PAVEMENT PATCHING, TYPE III, 9 INCH	SQ YD	116.9	116.9			
44200114	PAVEMENT PATCHING, TYPE IV, 9 INCH	SQ YD	297.2	297.2			
44200128	PAVEMENT PATCHING, TYPE I, 11 INCH	SQ YD	4	4			
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	16	16			
44200136	PAVEMENT PATCHING, TYPE III, 11 INCH	SQ YD	17.3	17.3			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4694	4694			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	410.5	410.5			
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	855.8	855.8			
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	1565	1565			
50102400	CONCRETE REMOVAL	CU YD	185		185		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	84		84		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	23290		23290		
60107600	PIPE UNDERDRAINS 4"	FOOT	2255	2255			
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	205	205			
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	16	16			
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	48	48			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1477.5	1477.5			
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	130	130			
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	150	150			
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	182	182			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3350	3350			
60624600	CORRUGATED MEDIAN	SQ FT	250	250			
63302700	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1			
63500105	DELINEATORS	EACH	102	102			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
67100100	MOBILIZATION	L SUM	1	1			
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1		1		
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1		1		
70100805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	L SUM	1		1		

DATE: 7/5/2005
 C:\p\proj\14\ed\8904\plan\obj\qto.dgn
 REF:

SUMMARY OF QUANTITIES

FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6k-1	ST. CLAIR	188	5

CONTRACT NO.: 76815

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		URBAN J000-2A	URBAN SFTY-2A	URBAN Y031-1F	URBAN Y002-1C
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	120	120			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4788	4788			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20667	20667			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	793	793			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	574	574			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	310	310			
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	738	738			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	532	532			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	920	920			
72000100	SIGN PANEL - TYPE 1	SQ FT	34.5	34.5			
72000305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	396.25	396.25			
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	6.25	6.25			
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	47.25	47.25			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3			
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	82.3	82.3			
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	912.25	912.25			
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	32	32			
72900100	METAL POST - TYPE A	FOOT	61.5	61.5			
73000100	WOOD SIGN SUPPORT	FOOT	250	250			
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	3	3			
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	107			107	
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	12.6			12.6	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	738	738			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20667	20667			
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	793	793			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	574	574			

* {

*SPECIALTY ITEMS

PLOT DATE: 1/25/2005

8/24/2005
 7/24/2005
 c:\projects\ed85904\plan\p1n85904a.dgn
 *REF-
 *REF-

SUMMARY OF QUANTITIES

90% FED./10% STATE

FBI NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	02-6K-1	ST. CLAIR	188	7

CONTRACT NO.: 76815

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		URBAN J000-2A	URBAN SFTY-2A	URBAN Y031-1F	URBAN Y002-1C
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2980			2980	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	348			348	
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	7			7	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21			21	
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15			15	
87900200	DRILL EXISTING HANDHOLE	EACH	16			16	
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	5			5	
88500100	INDUCTIVE LOOP DETECTOR	EACH	8			8	
88600100	DETECTOR LOOP, TYPE I	FOOT	5341			5341	
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1			1	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1725			1725	
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	6270			6270	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1	
89502380	REMOVE EXISTING HANDHOLE	EACH	8			8	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1			1	
X4066538	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N90	TON	2426	2426			
X4066775	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N90	TON	1617	1617			
X4402810	ISLAND SURFACE REMOVAL AND REPLACEMENT	SQ FT	538	538			

*

SYDNEY
 07/20/05
 C:\projects\02-6K-1\02-6K-1.dgn
 -REF-
 -REF-

*SPECIALTY ITEMS

PLOT DATE: 7/5/2005

Rev.

SUMMARY OF QUANTITIES

FAO ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	8

CONTRACT NO.: 76815

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		URBAN J000-2A	URBAN SFTY-2A	URBAN Y031-1F	URBAN Y002-1C
X4421000	PARTIAL DEPTH PATCHING	TON	2.4	2.4			
X4422030	PARTIAL DEPTH REMOVAL 3"	SQ YD	14	14			
* X6330100	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL	EACH	1	1			
* X7330105	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	48			48	
* X7800500	POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS, SPECIAL	SQ FT	46.8	46.8			
* X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	4		4		
* X8801300	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7		7		
* X8801310	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4		4		
* X8801400	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1		1		
* X8801415	SIGNAL HEAD ,POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1		
XX003949	CONSTRUCTION STAKING	L SUM	1	1			
XZ191200	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	725		725		
Z0006204	BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	725		725		
Δ Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY RE-DIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2			

Δ SFTY-3U
*SPECIALTY ITEMS

Rev.

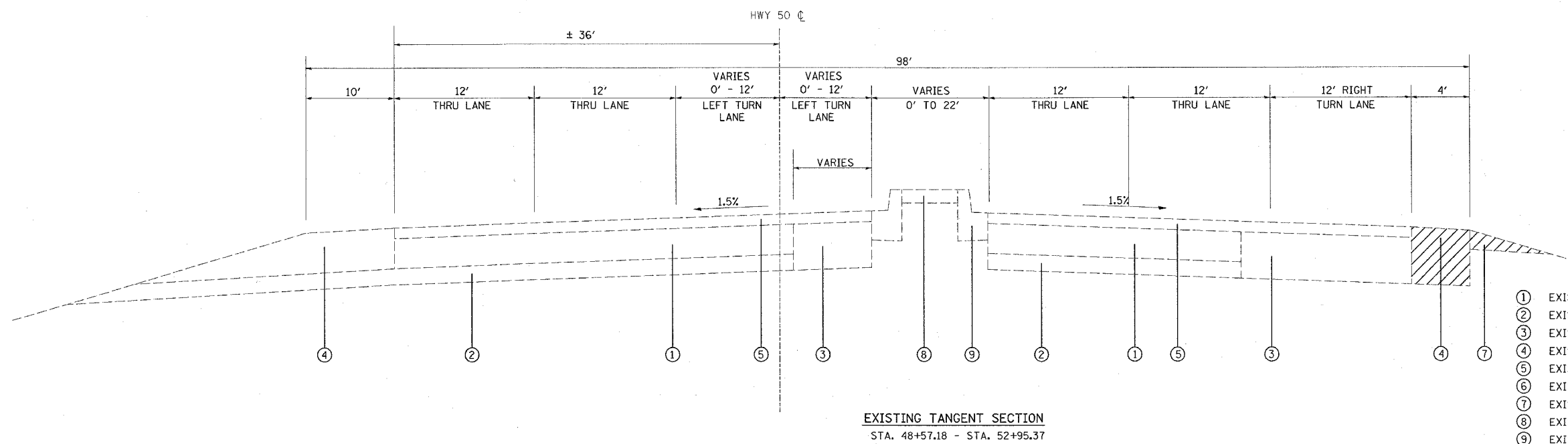
PLOT DATE: 3/25/2005

#DATE##
 7/7/2005
 #REF#
 #REF#

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	10

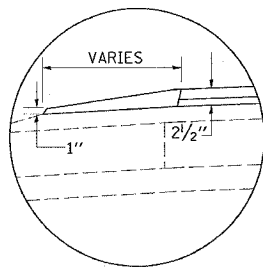
CONTRACT NO.: 76815

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
NO.	
FILE NAME	

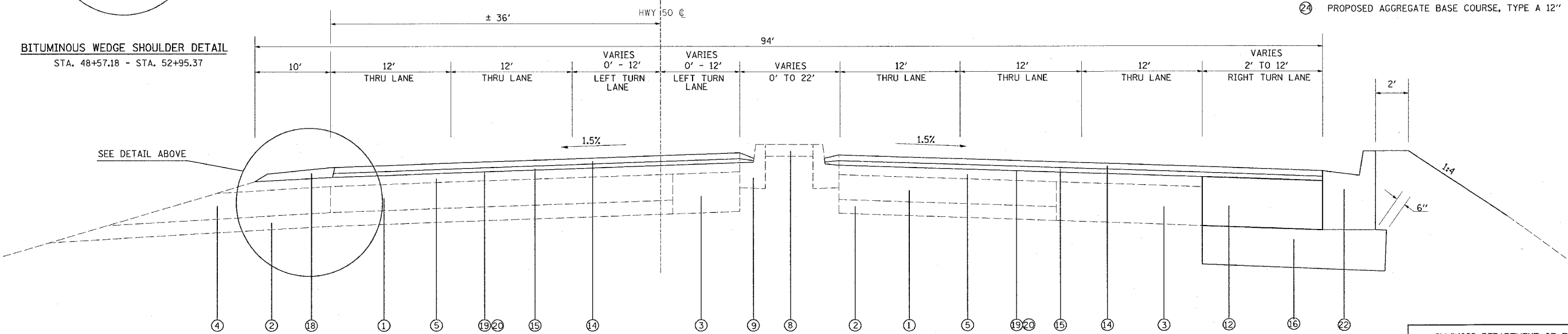


EXISTING TANGENT SECTION
STA. 48+57.18 - STA. 52+95.37

STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV= 35,801 SU= 1,223 MU= 1,184
 ROAD/STREET CLASSIFICATION: CLASS= 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P= 50 S= 50 M= 50
 TRAFFIC FACTOR: ACTUAL TF= 7.39 AC TYPE= 20
 MINIMUM TF= 4.74
 PG GRADE: BINDER= PG 64-22 SURFACE= SBS 70-22
 SUBGRADE SUPPORT RATING: SSR= POOR



BITUMINOUS WEDGE SHOULDER DETAIL
STA. 48+57.18 - STA. 52+95.37



PROPOSED TANGENT SECTION
STA. 48+57.18 - STA. 52+95.37

NOTE: NO EXISTING MEDIAN FROM STA. 48+57.18 TO STA. 51+03.78

TO BE REMOVED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
HWY 50
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

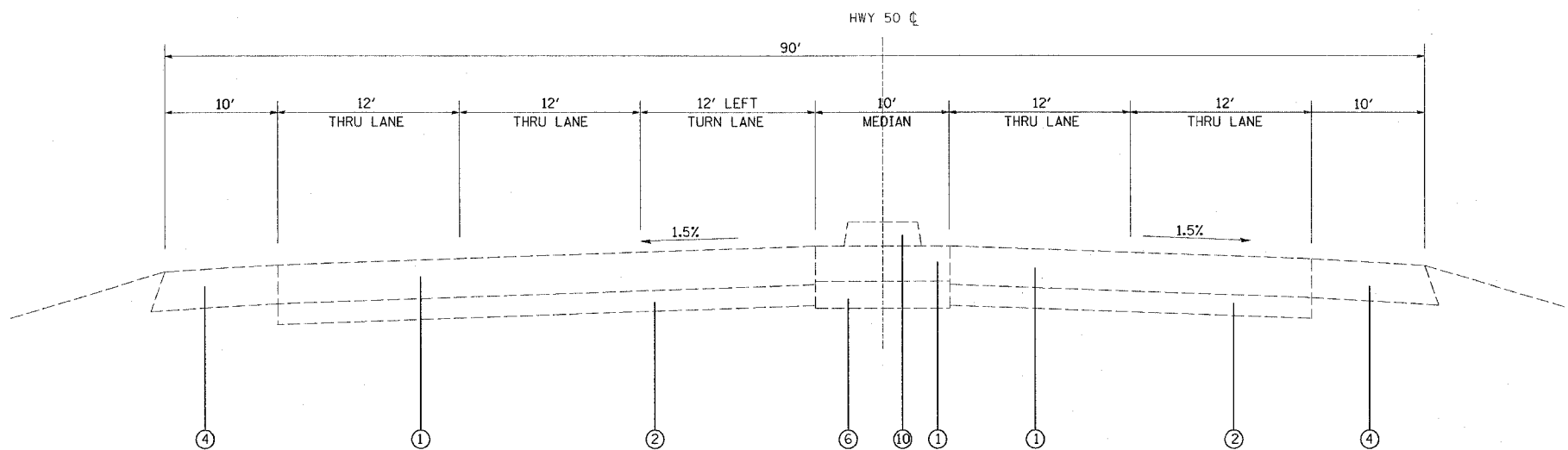
PLOT DATE: 1/21/2005

DATE: 7/1/2005
 FILE: c:\pave\secta\wd86\94\plan\p108-88a.dgn
 REF: REF

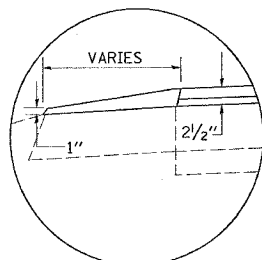
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	11

CONTRACT NO.: I6815

DATE	BT
DESIGNED	
PLOTTED	
ALIGNED	
CHECKED	
NO.	FILE NAME

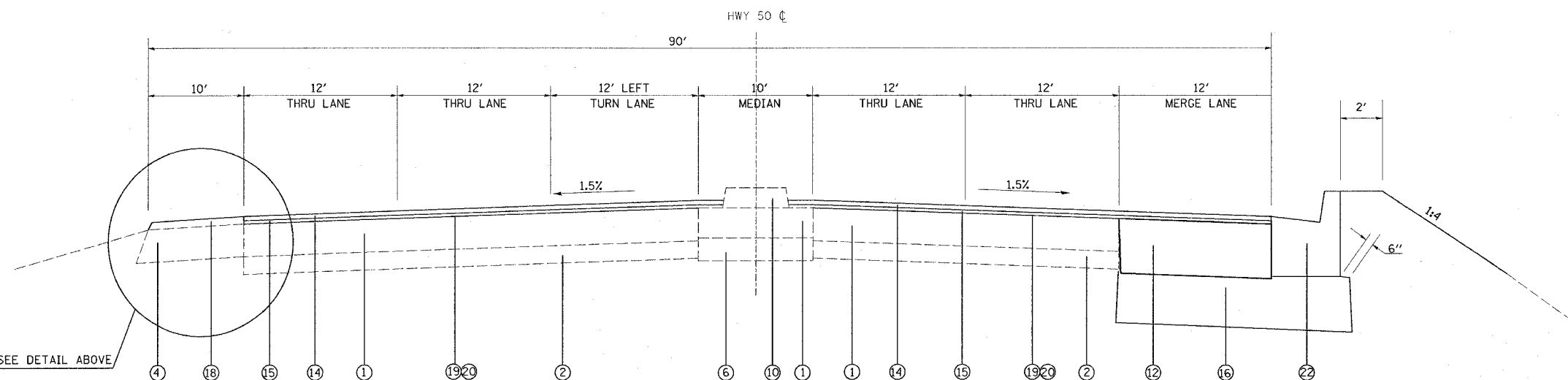


EXISTING TANGENT SECTION
STA. 52+95.37 TO STA. 57+04.14



BITUMINOUS WEDGE SHOULDER DETAIL
STA. 48+57.18 - STA. 52+95.37

- LEGEND**
- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 8"
 - ② EXISTING STABILIZED SUBBASE, 4"
 - ③ EXISTING BITUMINOUS CONCRETE BINDER, 13"
 - ④ EXISTING BITUMINOUS SHOULDER, 8 - 10"
 - ⑤ EXISTING BITUMINOUS OVERLAY, 2 1/2"
 - ⑥ EXISTING GRANULAR SUBBASE, VARIES
 - ⑦ EXISTING AGGREGATE SHOULDER
 - ⑧ EXISTING CONCRETE MEDIAN SURFACE, 4"
 - ⑨ EXISTING CONCRETE C&G, B9.24
 - ⑩ EXISTING CONCRETE MEDIAN, TYPE SM (SPECIAL)
 - ⑪ PROPOSED BITUMINOUS CONCRETE SURFACE REMOVAL, 2 1/2"
 - ⑫ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 13 3/4"
 - ⑬ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8"
 - ⑭ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, 1 1/2"
 - ⑮ PROPOSED LEVELING BINDER SUPERPAVE, 1"
 - ⑯ PROPOSED LIME MODIFIED SOIL, 12"
 - ⑰ PROPOSED BITUMINOUS SHOULDER SUPERPAVE, 8"
 - ⑱ PROPOSED BITUMINOUS SHOULDER SUPERPAVE (TONS)
 - ⑲ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑳ PROPOSED AGGREGATE (PRIME COAT)
 - ㉑ PROPOSED STABILIZED SUBBASE 4"
 - ㉒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24
 - ㉓ PROPOSED AGGREGATE SHOULDERS, TYPE B
 - ㉔ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"



PROPOSED TANGENT SECTION
STA. 52+95.37 TO STA. 57+04.14

STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV= 35,801 SU= 1,223 MU= 1,184
 ROAD/STREET CLASSIFICATION: CLASS= I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P= 50 S= 50 M= 50
 TRAFFIC FACTOR: ACTUAL TF= 7.39 AC TYPE= 20
 MINIMUM TF= 4.74
 PG GRADE: BINDER= PG 64-22 SURFACE= SBS 70-22
 SUBGRADE SUPPORT RATING:
 SSR= POOR

REVISIONS	
NAME	DATE

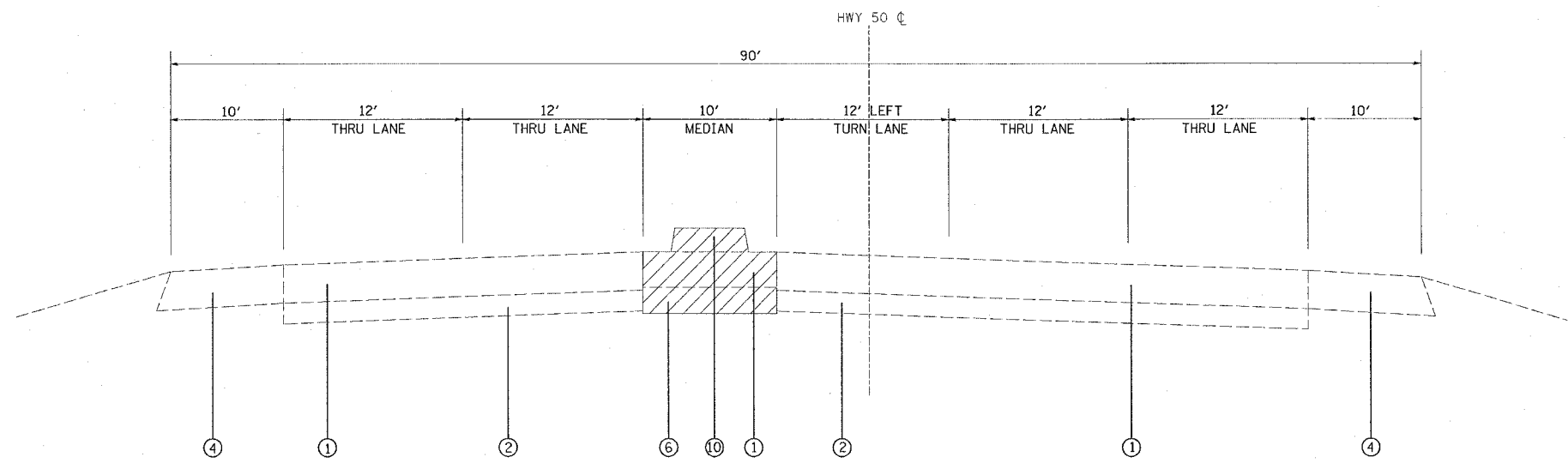
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
HWY 50
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 7/5/2005

8800TEAS
 7/5/2005
 c:\projects\82-6K-1\plan\p1-0816.dgn
 REF-

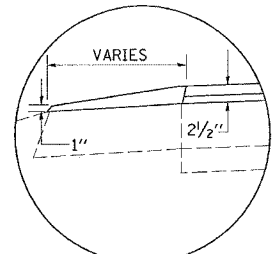
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	12
CONTRACT NO.: 76815				



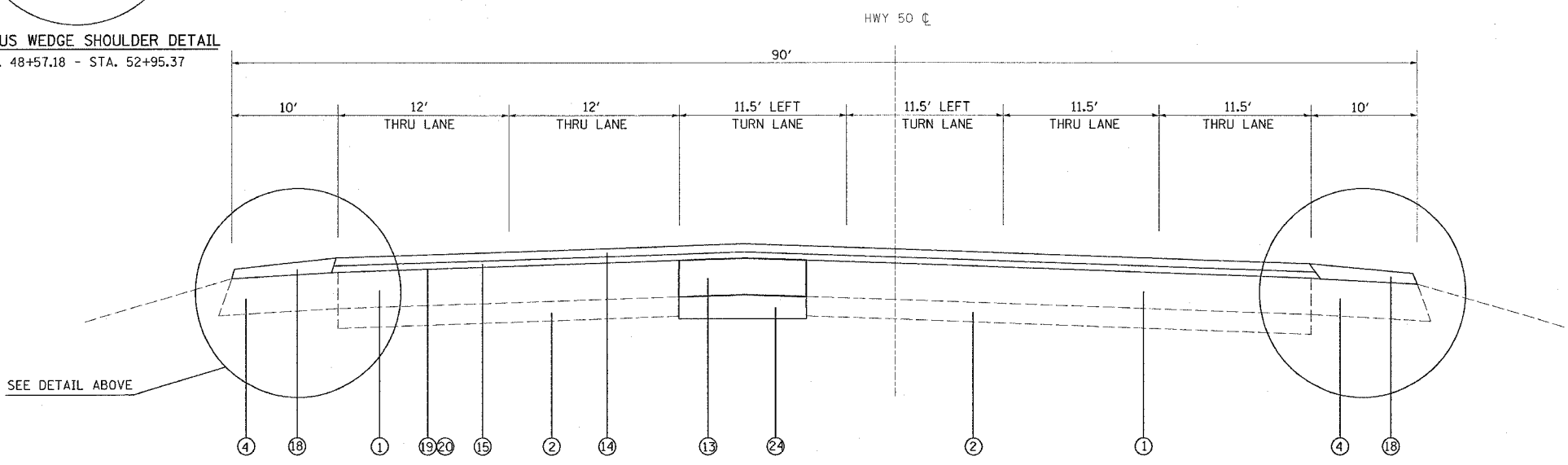
EXISTING TANGENT SECTION
STA. 61+74.31 TO STA. 66+22

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 8"
- ② EXISTING STABILIZED SUBBASE, 4"
- ③ EXISTING BITUMINOUS CONCRETE BINDER, 13"
- ④ EXISTING BITUMINOUS SHOULDER, 8 - 10"
- ⑤ EXISTING BITUMINOUS OVERLAY, 2 1/2"
- ⑥ EXISTING GRANULAR SUBBASE, VARIES
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑨ EXISTING CONCRETE C&G, B9.24
- ⑩ EXISTING CONCRETE MEDIAN, TYPE SM (SPECIAL)
- ⑪ PROPOSED BITUMINOUS CONCRETE SURFACE REMOVAL, 2 1/2"
- ⑫ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 13 3/4"
- ⑬ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑭ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, 1 1/2"
- ⑮ PROPOSED LEVELING BINDER SUPERPAVE, 1"
- ⑯ PROPOSED LIME MODIFIED SOIL, 12"
- ⑰ PROPOSED BITUMINOUS SHOULDER SUPERPAVE, 8"
- ⑱ PROPOSED BITUMINOUS SHOULDER SUPERPAVE (TONS)
- ⑲ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑳ PROPOSED AGGREGATE (PRIME COAT)
- ㉑ PROPOSED STABILIZED SUBBASE 4"
- ㉒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24
- ㉓ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉔ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"



BITUMINOUS WEDGE SHOULDER DETAIL
STA. 48+57.18 - STA. 52+95.37



PROPOSED TANGENT SECTION
STA. 61+74.31 TO STA. 66+22

TO BE REMOVED

STRUCTURAL DESIGN TRAFFIC:	YEAR 2016
PV= 35,801	SU= 1,223 MU= 1,184
ROAD/STREET CLASSIFICATION:	CLASS= I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	
P= 50	S= 50 M= 50
TRAFFIC FACTOR:	ACTUAL TF= 7.39 AC TYPE= 20
	MINIMUM TF= 4.74
PG GRADE: BINDER= PG 64-22	SURFACE= SBS 70-22
SUBGRADE SUPPORT RATING:	SSR= POOR

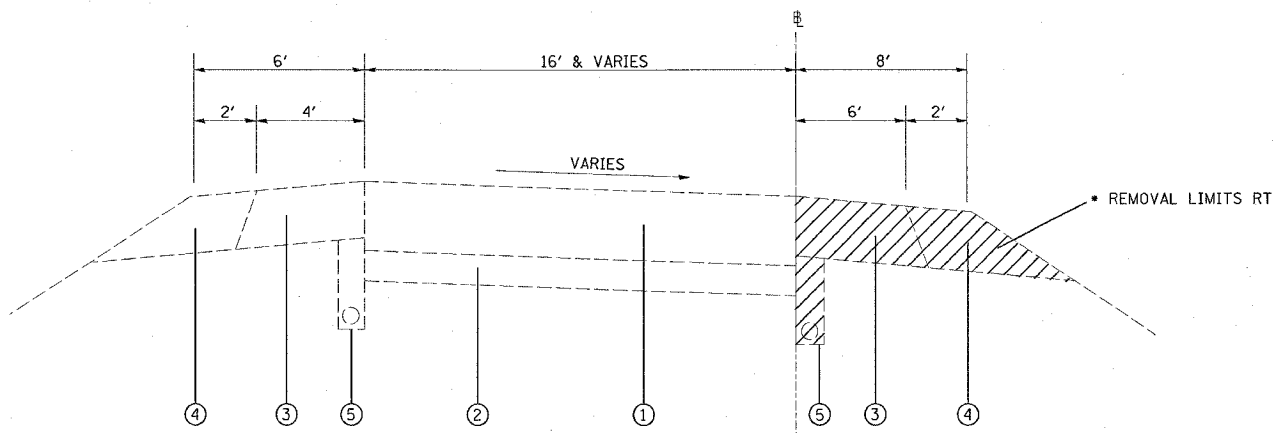
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
HWY 50
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY
DRAWN BY:

PLOT DATE: 7/1/2005

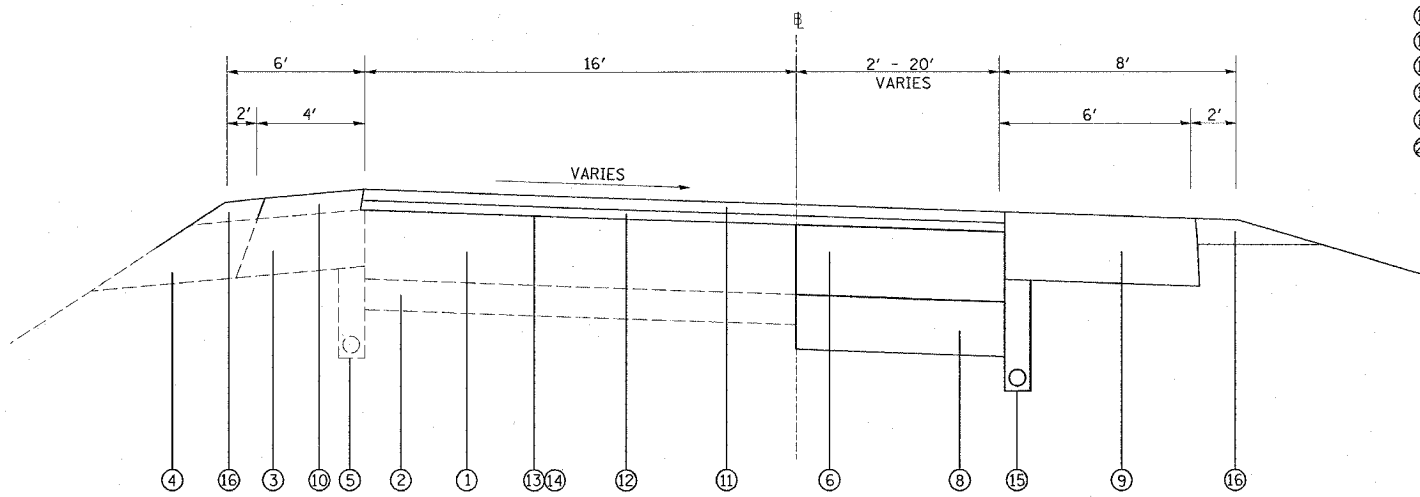
DATE	
BY	
CHECKED	
PLANNED	
ALIGNED	
DESIGNED	
NO.	
FILE NAME	

8/2/05
7/1/2005
c:\proj\64\82-6K-1\plan\p12689.dwg
4REF



EXISTING TYPICAL SECTION (SE RAMP)
STA. -0+14 TO STA. 9+55

REMOVAL LIMITS RT (3+40 TO 9+55)



PROPOSED TYPICAL SECTION (SE RAMP)
STA. -0+14 TO STA. 9+55

- LEGEND**
- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 8"
 - ② EXISTING STABILIZED SUBBASE, 4"
 - ③ EXISTING BITUMINOUS SHOULDER, 8"
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ EXISTING PIPE UNDERDRAINS
 - ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 13 3/4"
 - ⑦ PROPOSED STABILIZED SUBBASE 4"
 - ⑧ PROPOSED LIME MODIFIED SOIL 12"
 - ⑨ PROPOSED BITUMINOUS SHOULDER SUPERPAVE 8"
 - ⑩ PROPOSED BITUMINOUS SHOULDER SUPERPAVE (TONS)
 - ⑪ PROPOSED BITUMINOUS SURFACE COURSE, SUPERPAVE 1 1/2"
 - ⑫ PROPOSED BITUMINOUS LEVEL BINDER, SUPERPAVE 1"
 - ⑬ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑭ PROPOSED AGGREGATE (PRIME COAT)
 - ⑮ PROPOSED PIPE UNDERDRAINS
 - ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B
 - ⑰ PROPOSED CONC. CURB & GUTTER, M6.12
 - ⑱ PROPOSED CONC. CURB & GUTTER, M6.06
 - ⑲ PROPOSED CONC. CURB & GUTTER, B6.24
 - ⑳ PROPOSED CONCRETE SURFACE, 4"

NOTES

- 1. RESURFACING ONLY FROM STA. -0+14 TO 3+41.76
- 2. CONCRETE CURB AND GUTTER (B6.24) ON RIGHT FROM STA 8+42 TO 9+55

STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV= 9,911 SU= 254 MU= 435
 ROAD/STREET CLASSIFICATION: CLASS= 1
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P= 100 S= 100 M= 100
 TRAFFIC FACTOR: ACTUAL TF= 4.90 AC TYPE= 20
 MINIMUM TF= 7.90
 PG GRADE: BINDER= PG 64-22 SURFACE= SBS 70-22
 SUBGRADE SUPPORT RATING:
 SSR= POOR

REVISIONS	
NAME	DATE

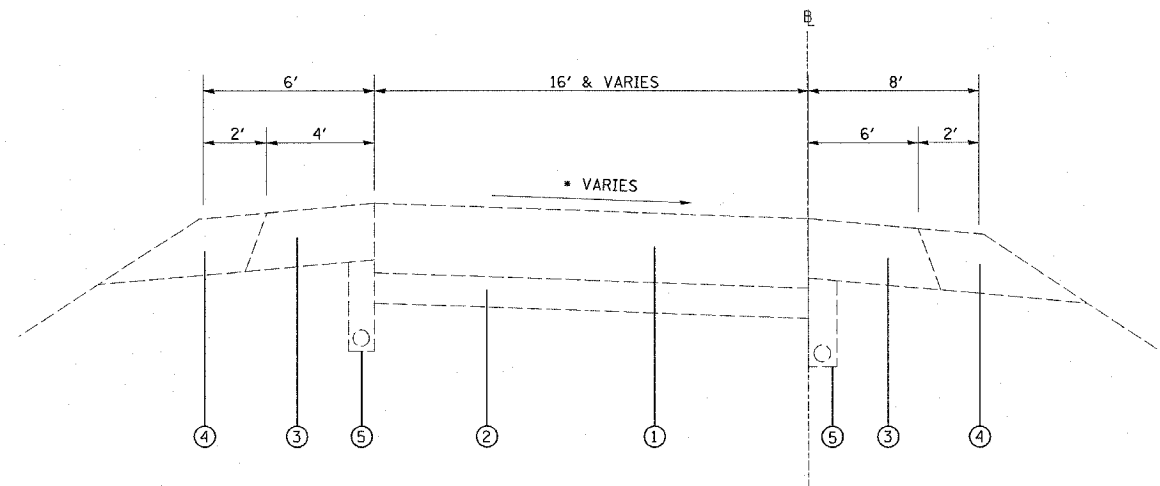
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
SE RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: 7/1/2005

PLAN SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. FILE NAME
 NO. FILE NAME

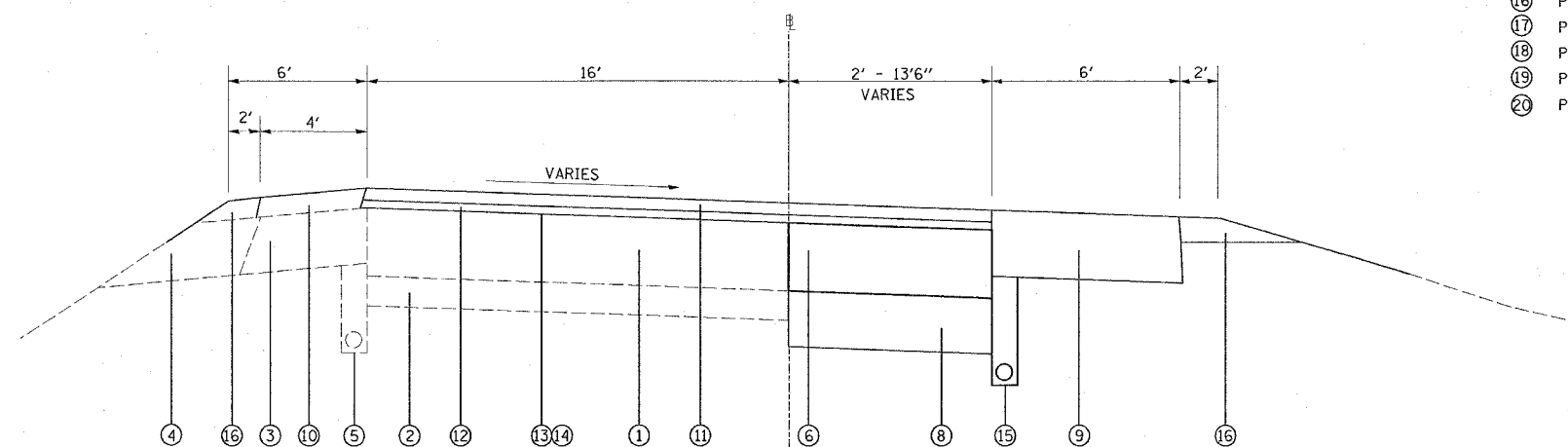
8/14/05
 7/1/2005
 c:\proj\64\82-6K-1\plan\p10816.dgn
 REF

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	16
SW RAMP STA. 0+37 TO STA. 14+10				
CONTRACT NO.: 76815				



EXISTING TYPICAL SECTION (SW RAMP)
STA. 0+37 TO STA. 14+10

• NEGATIVE AND POSITIVE SUPERELEVATION WITHIN TYPICAL SECTION LIMITS SHOWN



PROPOSED TYPICAL SECTION (SW RAMP)
STA. 0+37 TO STA. 14+10

- LEGEND**
- ① EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT, 8"
 - ② EXISTING STABILIZED SUBBASE, 4"
 - ③ EXISTING BITUMINOUS SHOULDER, 8"
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ EXISTING PIPE UNDERDRAINS
 - ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 13 3/4"
 - ⑦ PROPOSED STABILIZED SUBBASE 4"
 - ⑧ PROPOSED LIME MODIFIED SOIL 12"
 - ⑨ PROPOSED BITUMINOUS SHOULDER SUPERPAVE 8"
 - ⑩ PROPOSED BITUMINOUS SHOULDER SUPERPAVE (TONS)
 - ⑪ PROPOSED BITUMINOUS SURFACE COURSE, SUPERPAVE 1 1/2"
 - ⑫ PROPOSED BITUMINOUS LEVEL BINDER, SUPERPAVE 1"
 - ⑬ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑭ PROPOSED AGGREGATE (PRIME COAT)
 - ⑮ PROPOSED PIPE UNDERDRAINS
 - ⑯ PROPOSED AGGREGATE SHOULDERS, TYPE B
 - ⑰ PROPOSED CONC. CURB & GUTTER, M6.12
 - ⑱ PROPOSED CONC. CURB & GUTTER, M6.06
 - ⑲ PROPOSED CONC. CURB & GUTTER, B6.24
 - ⑳ PROPOSED CONCRETE SURFACE, 4"

1. WIDENING LIMITS RT (FROM 0+37 TO 1+67.15)
2. WIDENING LIMITS LT (FROM 0+37 TO 1+13.65)
3. RESURFACING ONLY FROM STA 1+67.15 TO STA 14+10
4. COMBINATION CONCRETE CURB & GUTTER ON RT (STA. 0+37 TO STA. 1+67.19)
5. COMBINATION CONCRETE CURB & GUTTER ON LT (STA. 0+37 TO STA. 1+13.65)

STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV= 9,911 SU= 254 MU= 435
 ROAD/STREET CLASSIFICATION: CLASS= I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P= 100 S= 100 M= 100
 TRAFFIC FACTOR: ACTUAL TF= 4.90 AC TYPE= 20
 MINIMUM TF= 7.90
 PG GRADE: BINDER= PG 64-22 SURFACE= SBS 70-22
 SUBGRADE SUPPORT RATING:
 SSR= POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
SW RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 7/1/2005

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

DATE: 7/1/2005
 REF: 7/1/2005
 REF: 7/1/2005

PROTECTIVE COAT

LOCATION		PROTECTIVE COAT (SQ YD)
STA	STA	
HWY 50		
47+00	50+00	52
50+00	56+00	182
56+00	62+00	413
62+00	68+00	105
NW RAMP		
14+82.74	15+50	27
15+50	17+17.75	452
SW RAMP		
0+66	2+00	120
2+00	2+20	11
SE RAMP		
6+70	8+00	24
8+00	8+43	158
TOTAL		1544

WORK ZONE PAVEMENT MARKING SCHEDULE

LOCATION			SHORT TERM PAVEMENT MARKING			WORK ZONE PAVEMENT MARKING REMOVAL SQUARE FEET
			SHOULDER FOOT	LANE LINE FOOT	CENTER LINE FOOT	
US 50						
47+00	TO	50+00	12			4.0
48+28	TO	50+00		32		10.7
48+40	TO	50+00		16	16	10.7
48+57	TO	50+00		32		10.7
50+00	TO	50+79	4			1.3
50+00	TO	51+25		12		4.0
50+00	TO	51+03			24	8.0
50+00	TO	52+30		48		16.0
50+00	TO	52+20		20		6.7
52+89	TO	56+00	16			5.3
53+30	TO	56+00		56		18.7
53+00	TO	56+00		56		18.7
56+00	TO	62+00	24	56		26.7
56+00	TO	57+00		12		4.0
56+00	TO	62+00		56		18.7
57+87	TO	62+00	20			6.7
59+47	TO	62+00		24		8.0
59+82	TO	60+84			24	8.0
60+84	TO	62+00			12	4.0
60+94	TO	62+00		12		4.0
62+00	TO	65+74	16			5.3
62+00	TO	65+00		28		9.3
62+00	TO	65+04		28	28	18.7
62+00	TO	65+51		64		21.3
62+00	TO	65+90	16			5.3
66+43	TO	68+36		40		13.3
66+88	TO	68+36		16		5.3
66+98	TO	68+36	8			2.7
67+27	TO	68+36	8			2.7
NW RAMP						
0+00	TO	4+00	32			10.7
4+00	TO	9+50	48			16.0
9+50	TO	15+50	48			16.0
10+12	TO	15+50		52		17.3
12+18	TO	14+20		20		6.7
13+40	TO	15+50		20		6.7
14+20	TO	15+50		24		8.0
15+50	TO	16+56	8			2.7
15+50	TO	17+28	8			2.7
15+50	TO	17+06		16		5.3
15+50	TO	16+60		12		4.0
SW RAMP						
+43	TO	+91		8		2.7
+58	TO	+90		4		1.3
+63	TO	2+00	8			2.7
2+00	TO	8+00	48			16.0
8+00	TO	14+10	56			18.7
NE RAMP						
+32	TO	2+00	8			2.7
+27	TO	1+02		8		2.7
+61	TO	1+02		4		1.3
+70	TO	2+00		12		4.0
+77	TO	2+00	12			4.0
2+00	TO	8+00	48			16.0
2+00	TO	6+46		44		14.7
8+00	TO	12+50	40			13.3
SE RAMP						
-+14	TO	2+00	24			8.0
2+00	TO	8+00	48			16.0
5+17	TO	8+00		56		18.7
8+00	TO	9+54	8			2.7
8+00	TO	8+83		8		2.7
8+00	TO	9+40		12		4.0
8+83	TO	9+54		16		5.3
SUB TOTALS			568	924	104	
TOTALS				1596		532
3 APPLICATIONS				4788		

BITUMINOUS SURFACE REMOVAL - BUTTJOINT

LOCATION		BIT. SURFACE REM. BUTT JOINT (SQ YD)
STA	STA	
HWY 50		
56+74.04	57+04.04	214
61+74.31	62+04.31	214
68+06	68+36	200
NW RAMP		
0+00	0+30	84
SW RAMP		
13+80.29	14+10.29	84
NE RAMP		
12+20.04	12+50.04	84
SE RAMP		
-0+14	0+16	84
TOTAL		964

STRIP REFLECTIVE CRACK CONTROL TREATMENT

LOCATION	SIDE (LT/RT)	LENGTH (FT)
HWY 50		
53+50 - 57+04	RT	354
52+75 - 53+40	RT	65
64+00 - 68+36	RT	436
65+00 - 66+25	RT	125
52+75 - 56+50	RT	375
65+75 - 67+60	LT	185
SW RAMP		
0+50 - 1+00	CL	50
0+60 - 1+25	RT	65
0+65	RT	30
0+50 - 1+00	LT	50
0+40 - 1+20	LT	80
0+50	LT	25
SE RAMP		
9+00 - 9+60	LT	60
8+75 - 9+50	LT	75
9+50	LT	25
3+68.87 - 9+54	RT	732
NW RAMP		
10+90.58 - 17+20	LT	685
14+36 - 16+20	RT	190
NE RAMP		
0+60 - 9+79.60	RT	990
0+77.37 - 1+49.75	LT	97
TOTAL		4,694

TEMPORARY RAMP

LOCATION		TEMPORARY RAMP (SQ YD)
STA	STA	
HWY 50		
47+00	47+08	73
48+19.18	48+57.18	73
47+00	48+57	140
NW RAMP		
0+00	0+08	23
SW RAMP		
13+80.29	13+88.29	23
NE RAMP		
12+20.04	12+28.04	23
SE RAMP		
-0+14	-0+06	23
TOTAL		378

DATE: _____ BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

DATE: 7/22/2005
 PLOT: 7/22/2005
 REF: 7/22/2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

PLOT DATE: 7/22/2005

SIGNING SCHEDULE

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	22

CONTRACT NO.: 76815

LOCATION			EXISTING SIGN DESCRIPTION				REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY		RELOCATE SIGN PANEL		SIGN PANEL		METAL POST	WOOD SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
STA	OFFSET TO EDGE OF SIGN PANEL	NOTES	POST TYPE	NUMBER	MESSAGE	TYPE 1 SQ FT	TYPE 3 SQ FT	TYPE A EACH	TYPE B EACH	TYPE 1 SQ FT	TYPE 3 SQ FT	TYPE 1 SQ FT	TYPE 3 SQ FT	TYPE A FT	FT	FT	EACH	
US 50																		
47+96.3	49.5	LT	REMAIN IN PLACE	METAL	O'FALLON													
48+14.8	49.5	LT	REMAIN IN PLACE	METAL	DRUNK DRIVER													
49+56.7	65.7	RT	REMOVE	METAL	R3-7R	RIGHT LANE MUST TURN RIGHT, 2.5' X 2.5'	6.25											
48+57.1	55.3	RT	NEW	WOOD	R3-1100R	RIGHT TURN LANE, 2' X 2'						4			14			
49+36.7	52.6	LT	REMAIN IN PLACE	WOOD	R2-1	SPEED LIMIT 45, 2' X 2.5'												
50+72.1	59.1	RT	REMOVE & RE-ERECT	WOOD	M3-41/MI-1/MI-4/M6-31 & M3-21/MI-1/MI-4/M5-1R1	WEST/64/50/STRAIGHT & EAST/64/50/RIGHT			1						18.5			
50+02.3	67.7		RE-ERECTED SIGN															
51+51.4	0.6	RT	REMAIN IN PLACE	METAL	R4-7	KEEP RIGHT, 2' X 2.5'												
52+03.3	63.5	RT	REMOVE & RE-ERECT	BREAK-AWAY WIDE FLANGE	INTERSTATE GUIDESIGN	64-50 WEST/EAST ST LOUIS/STRAIGHT & 64-50 EAST/MT VERNON/RIGHT, 20' X 14.5'					290							
52+03.6	76.8	RT	RE-ERECTED SIGN															
53+00.8	64.8	LT	REMOVE & RE-ERECT	BREAK-AWAY WIDE FLANGE	INTERSTATE GUIDESIGN	64-50 EAST/MT VERNON/LEFT, 18' X 7.5'					135							
53+00.8	62	LT	RE-ERECTED SIGN															
53+22.3	52.2	RT	NEW	WOOD	W9-1R	RIGHT LANE ENDS, 2.5' X 2.5'						6.25			14.5			
53+73.8	5.7	RT	REMAIN IN PLACE	METAL	R4-7	KEEP RIGHT, 2' X 2.5'												
54+49.5	50.2	RT	REMOVE & RE-ERECT	WOOD	R2-1	SPEED LIMIT 45, 2' X 2.5'				5					14.5			
54+49.8	52	RT	RE-ERECTED SIGN															
55+46.8	52.5	RT	NEW	WOOD	W4-2R	LANE REDUCTION TRANSITION, 3' X 3'						9			14.5			
55+87.1	58.4	RT	REMOVE & RE-ERECT	WOOD	M3-41/MI-1/MI-4/M5-1L1	WEST/64/50/LEFT			1							13.5		1
55+87.1	5.8	RT	RE-ERECTED SIGN															
59+47.3	5.9	LT	RE-ERECTED SIGN FROM 60+21.3	METAL	R3-1100L	LEFT TURN LANE, 2' X 2'				4						9		1
58+57.5	4.8	LT	REMOVE & RE-ERECT	METAL	R3-1100L	LEFT TURN LANE, 2' X 2'												
59+71.7	7.2	LT	RE-ERECTED SIGN FROM 65+21.4	METAL	R4-7	KEEP RIGHT, 2' X 2.5'				5						9.5		1
60+21.3	4.6	RT	REMOVE & RE-ERECT @ 57+96.8	METAL	R3-1100L	LEFT TURN LANE, 2' X 2'												
62+91.3	58.2	LT	REMAIN IN PLACE	WOOD	M3-21/MI-1/MI-4/M5-1L1	EAST/64/50/LEFT												
65+21.4	7.7	LT	REMOVE & RE-ERECT @ 59+71.7	METAL	R4-7	KEEP RIGHT, 2' X 2.5'												
65+74.2	56.5	RT	REMOVE & RE-ERECT	BREAK-AWAY WIDE FLANGE	INTERSTATE GUIDESIGN	64-50 WEST/EAST ST LOUIS/LEFT, 20' X 7.5'					150							
65+75.1	62.4	RT	RE-ERECTED SIGN															
67+07.6	72.8	LT	REMOVE & RE-ERECT	BREAK-AWAY WIDE FLANGE	INTERSTATE GUIDESIGN	64-50 EAST/MT VERNON/STRAIGHT & 64-50 WEST/EAST ST LOUIS/RIGHT, 20' X 14.5'					290							
67+07.6	75.6	LT	RE-ERECTED SIGN															
68+36.1	48.2	RT	REMAIN IN PLACE	METAL	R3-1100R	RIGHT TURN LANE, 2' X 2'												

CONTINUED NEXT SHEET

PLAN	NO.	DATE
REVISED		
NOTED		
APPROVED		
ALIGNMENT CHECKED		
FILE NAME		

7/1/2005
 c:\p06\p06a\vd06901.pln\p06901.dgn
 REF
 REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: 7/1/2005

SIGNING SCHEDULE (CONT.)

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	23

CONTRACT NO.: I6815

NW RAMP																		
11+40.	25	LT	REMOVE & RE-ERECT, USE EXISTING POST	METAL		2 PART SIGN - PRAIRIE PLANTS & NO SPRAYING/NO MOWING			1									
12+50.	45	LT	REMOVE & RE-ERECT	WOOD		2 PART SIGN - WILDFLOWERS/ILLINOIS & PATRICIA BLAGJEVICH/FIRST LADY			1								16	
13+45.			NEW	SIGN TRUSS		SEE DETAIL SHEETS						400						
14+43.8	43.9	RT	REMOVE	BREAK-AWAY WIDE FLANGE		0'FALLON, LEFT ARROW, 13.5' X 3.5'		47.25										
15+04.3	32.1	RT	REMOVE & RE-ERECT	METAL	R8-3a	NO PARKING SYMBOL, 2' X 2'			4								12.5	
15+04.4	41.8	RT	RE-ERECTED SIGN															
15+43.3	40.9	RT	REMOVE & RE-ERECT	WOOD	R5-1a	WRONG WAY, 2' X 3'			6								14	
15+43.3	43.1	RT	RE-ERECTED SIGN															
15+44.3	40.1	LT	REMOVE & RE-ERECT	WOOD	R5-1a	WRONG WAY, 2' X 3'			6								14	
15+44.3	47	LT	RE-ERECTED SIGN															
16+39.8	41.2	RT	REMOVE & RE-ERECT	WOOD	R5-1	DO NOT ENTER, 2.5' X 2.5'			6.25								14.5	
16+40.	63.6	RT	RE-ERECTED SIGN															
16+47.9	39.6	LT	REMOVE & RE-ERECT	WOOD	R5-1	DO NOT ENTER, 2.5' X 2.5'			6.25								14.5	
16+47.9	47.25	LT	RE-ERECTED SIGN															
16+40.1	88.5	RT	NEW	WOOD	R1-2	YIELD			3.9								14.5	
16+75.2	73.8	RT	NEW	WOOD	R1-2	YIELD			3.9								14.5	
16+88.5	60	LT	REMOVE & RE-ERECT, USE EXISTING POST	METAL		2 PART SIGN - PRAIRIE PLANTS & NO SPRAYING/NO MOWING			1									
SW RAMP																		
1+67.2	5	RT	RE-ERECTED SIGN	METAL	R8-3	NO PARKING, 2' X 2.5'			5								13	
1+69.6	11	RT	REMOVE & RE-ERECT															
NE RAMP																		
1+49.6	31.3	RT	NEW	WOOD	W9-1R	RIGHT LANE ENDS, 2.5' X 2.5'						6.25					14.5	
1+59.5	12.2	RT	REMOVE & RE-ERECT	METAL	R8-3	NO PARKING, 2' X 2.5'			5								13	
2+41.3	31	RT	RE-ERECTED SIGN															
4+92.4	14.2	RT	REMOVE & RE-ERECT @ 5+96.7	METAL	R8-3a	NO PARKING SYMBOL, 2' X 2'												
4+96.3	31.6	RT	NEW	WOOD	W4-2R	LANE REDUCTION TRANSITION, 3' X 3'					9						15	
5+96.7	28.6	RT	RE-ERECTED SIGN FROM 4+92.4	METAL	R8-3a	NO PARKING SYMBOL, 2' X 2'			4								12.5	

CONTINUED NEXT SHEET

REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINALS

LOCATION		REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL EACH	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL TYPE 6 EACH
STA	LT/RT		
57+50	RT	1	
58+00	RT		1
TOTAL		1	1

REVISIONS	
NAME	DATE

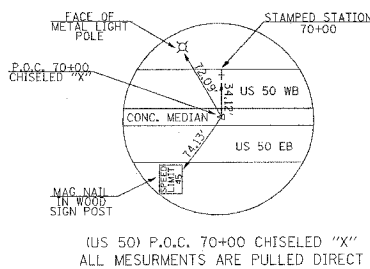
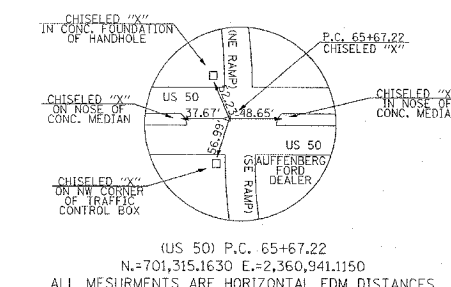
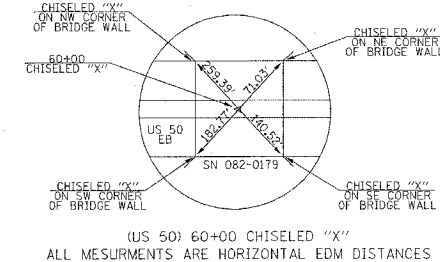
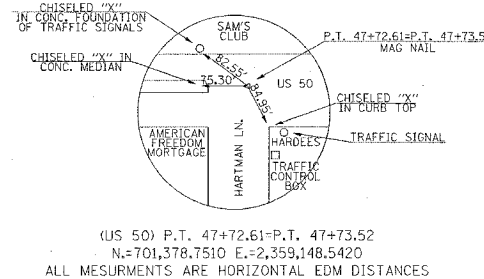
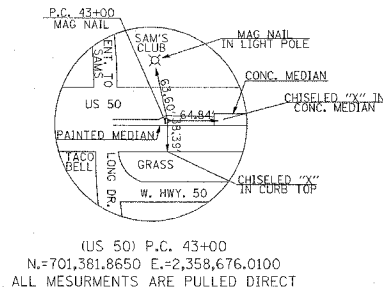
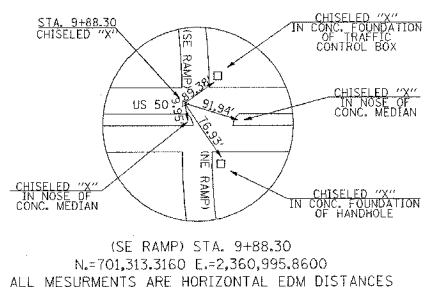
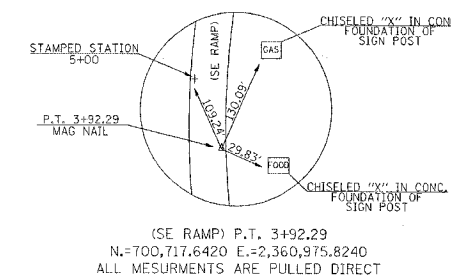
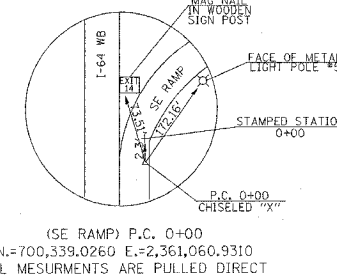
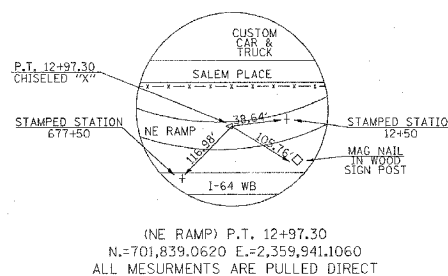
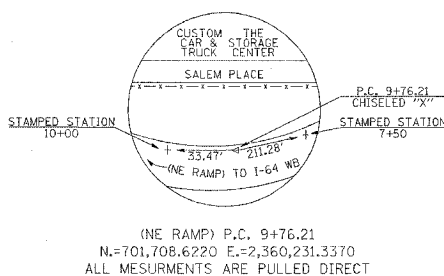
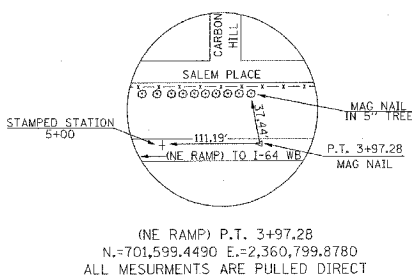
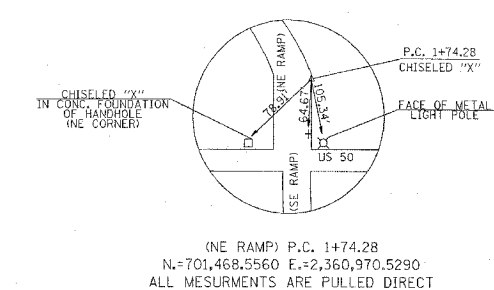
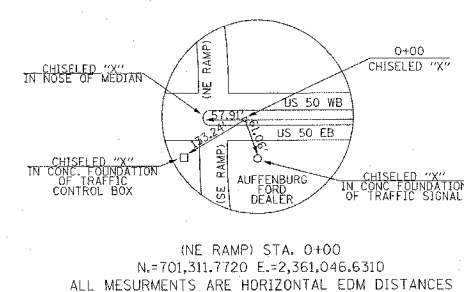
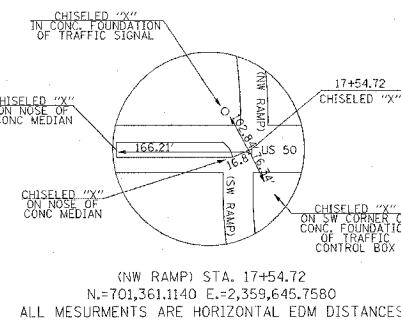
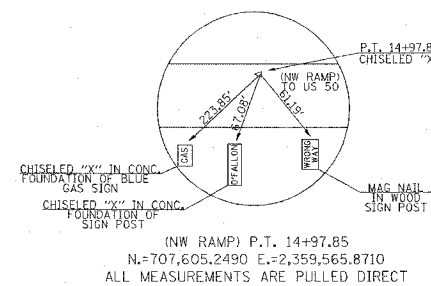
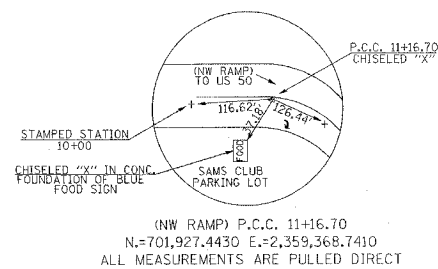
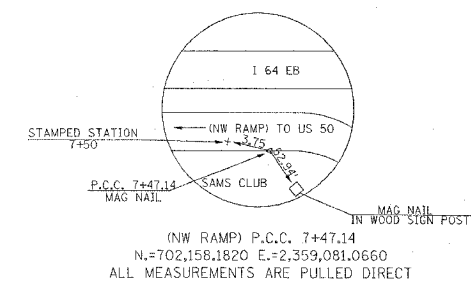
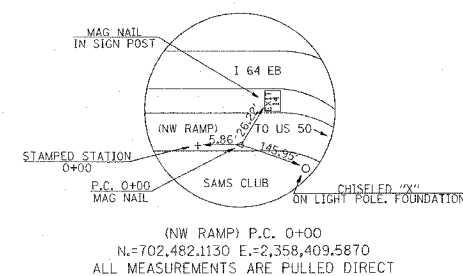
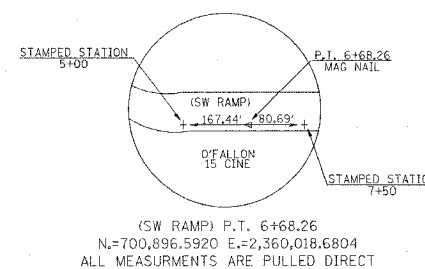
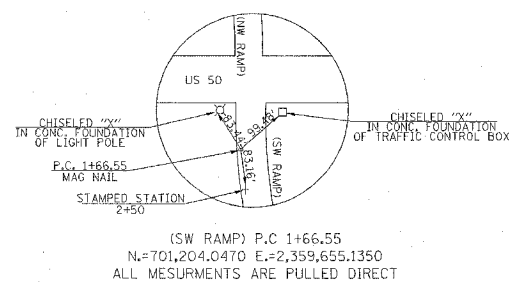
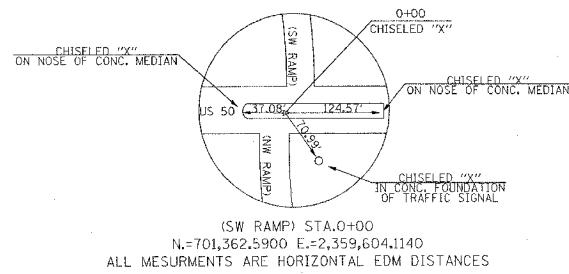
ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:

PLOT DATE: 7/1/2005

PLAN SURVIVED PLOTTED BY DATE
 NOTE BOOK NO. OF MAY CHECKED
 NO. OF CAD FILE NAME

DATE: 7/1/2005
 c:\p0\proj\826594\plan\p1\0606.dwg
 REF

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
FILED	
NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT, TIES AND BENCHMARKS

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:

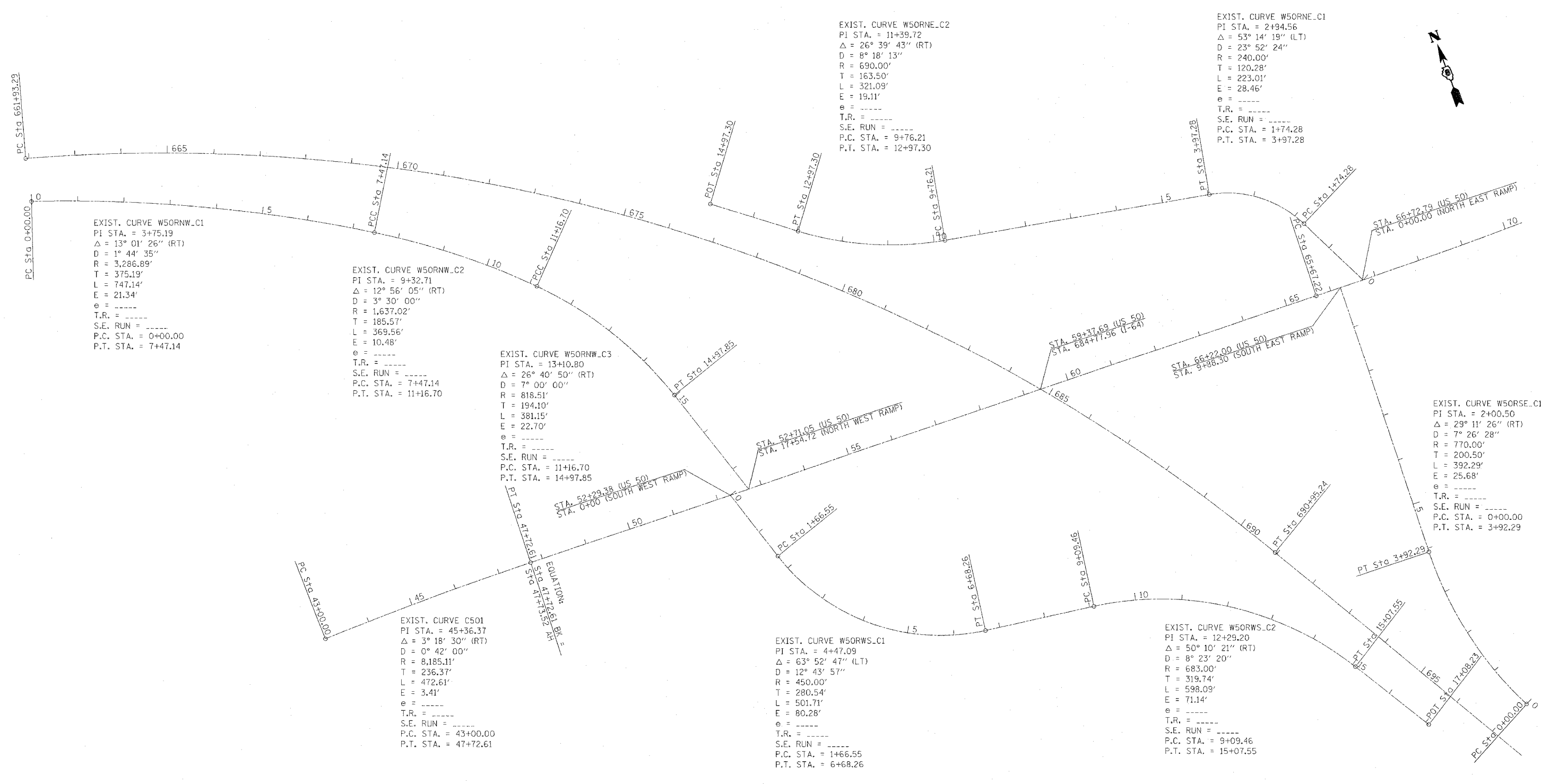
PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	27

CONTRACT NO.: 76815



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	CHECKED
NO. _____	FILE NAME	FILE NAME



7/1/2005
 7/1/2005
 c:\projects\ed06\plan\plan\66815.dgn
 REF-
 REF-

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT, TIES AND BENCHMARKS

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

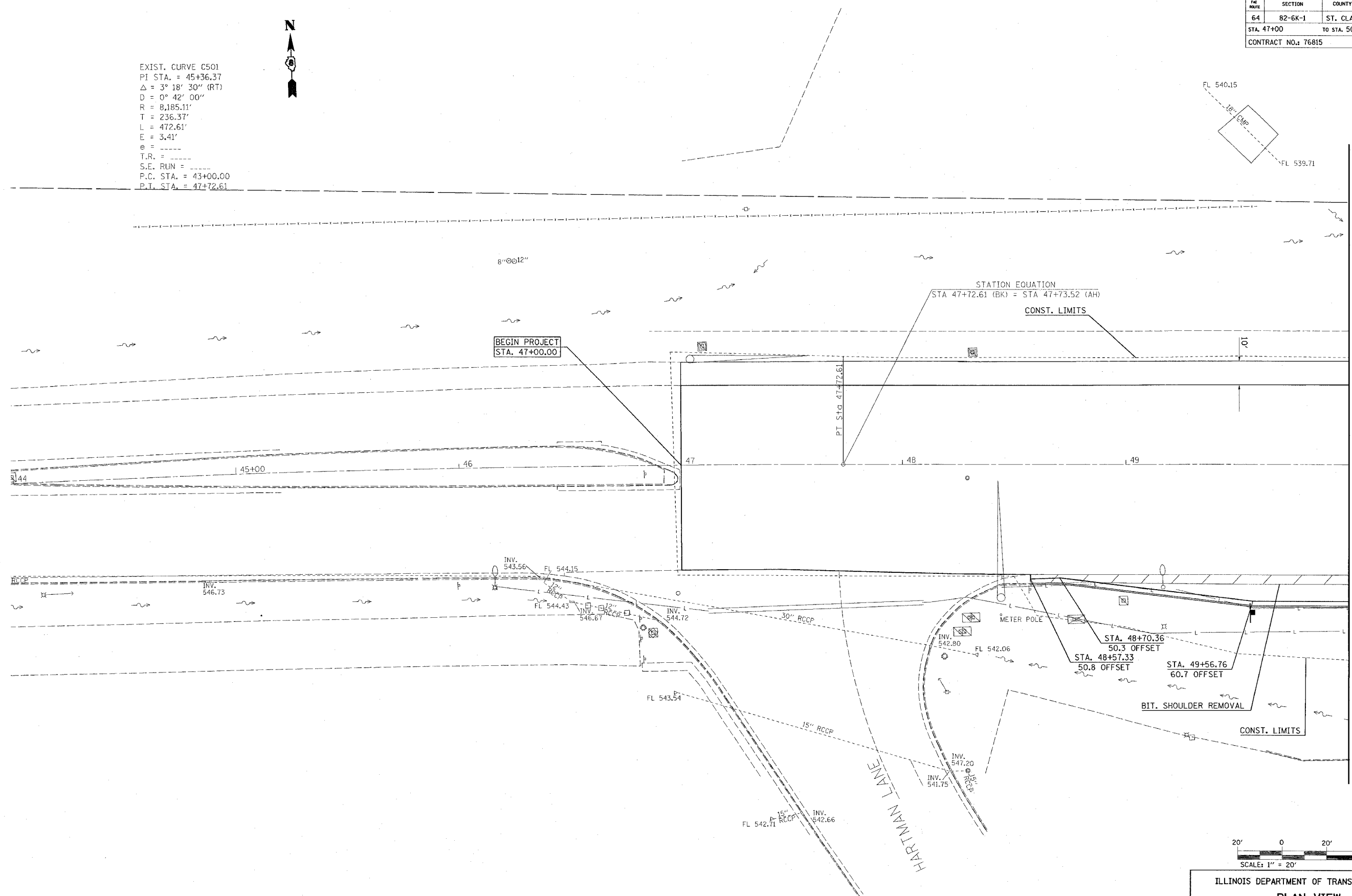
PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	28
STA. 47+00		TO STA. 50+00		
CONTRACT NO.: T6815				

EXIST. CURVE C501
 PI STA. = 45+36.37
 $\Delta = 3^\circ 18' 30''$ (RT)
 $D = 0^\circ 42' 00''$
 $R = 8,185.11'$
 $T = 236.37'$
 $L = 472.61'$
 $E = 3.41'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 43+00.00$
 $P.T. STA. = 47+72.61$



PLAN	DATE	BY
DESIGNED		
PLOTTED		
ALIGNED		
ASSEMBLED		
CAD FILE NAME		
NO.		



MATCHLINE 50+00



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

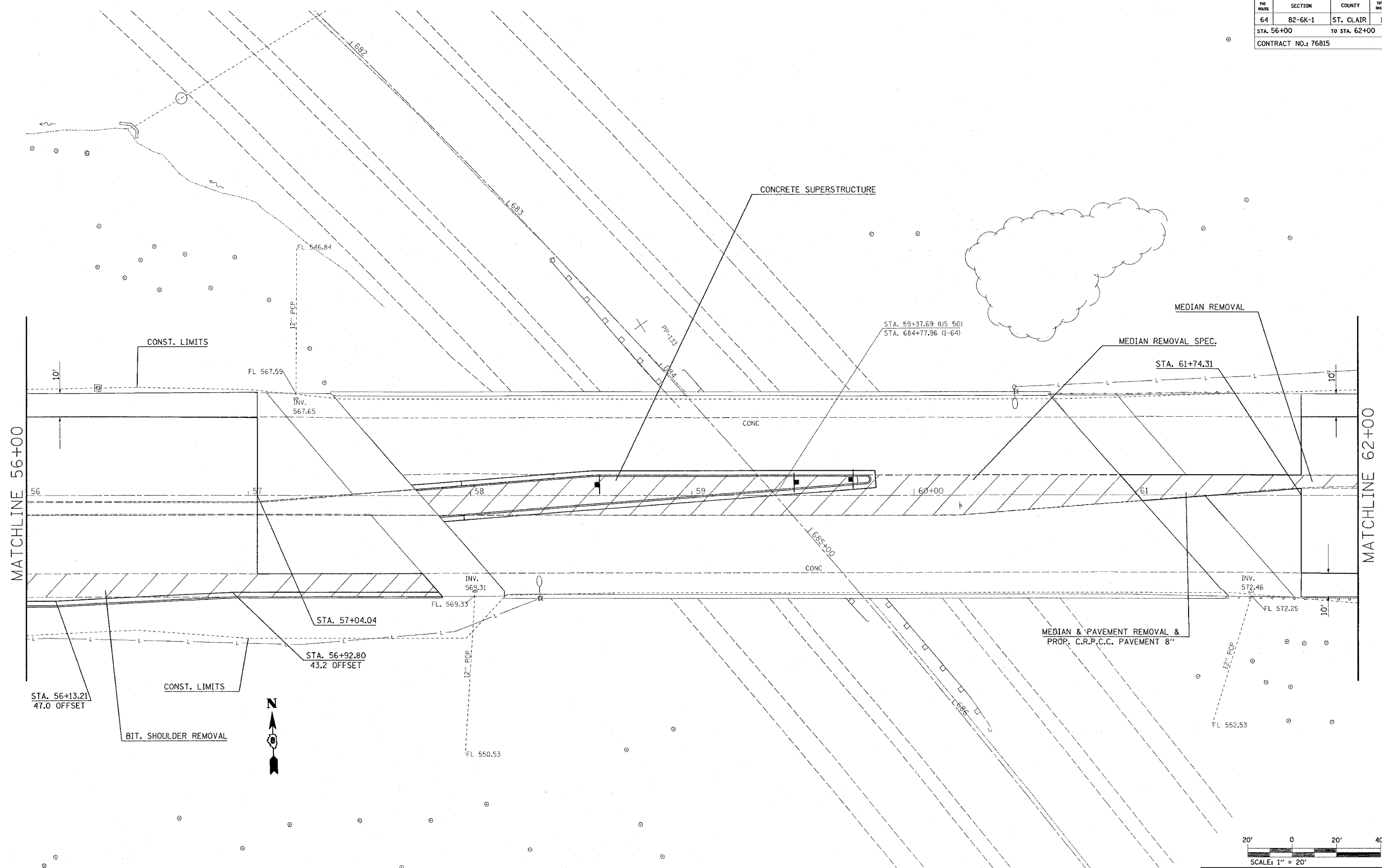
DRAWN BY:

PLOT DATE: 7/1/2005

6/24/05
 c:\projects\64\plan\plan050704.dgn
 REF: plot050704.dwg
 REF: d:\files\64

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	30
STA. 56+00		TO STA. 62+00		
CONTRACT NO.: 76815				

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



REVISIONS	
NAME	DATE

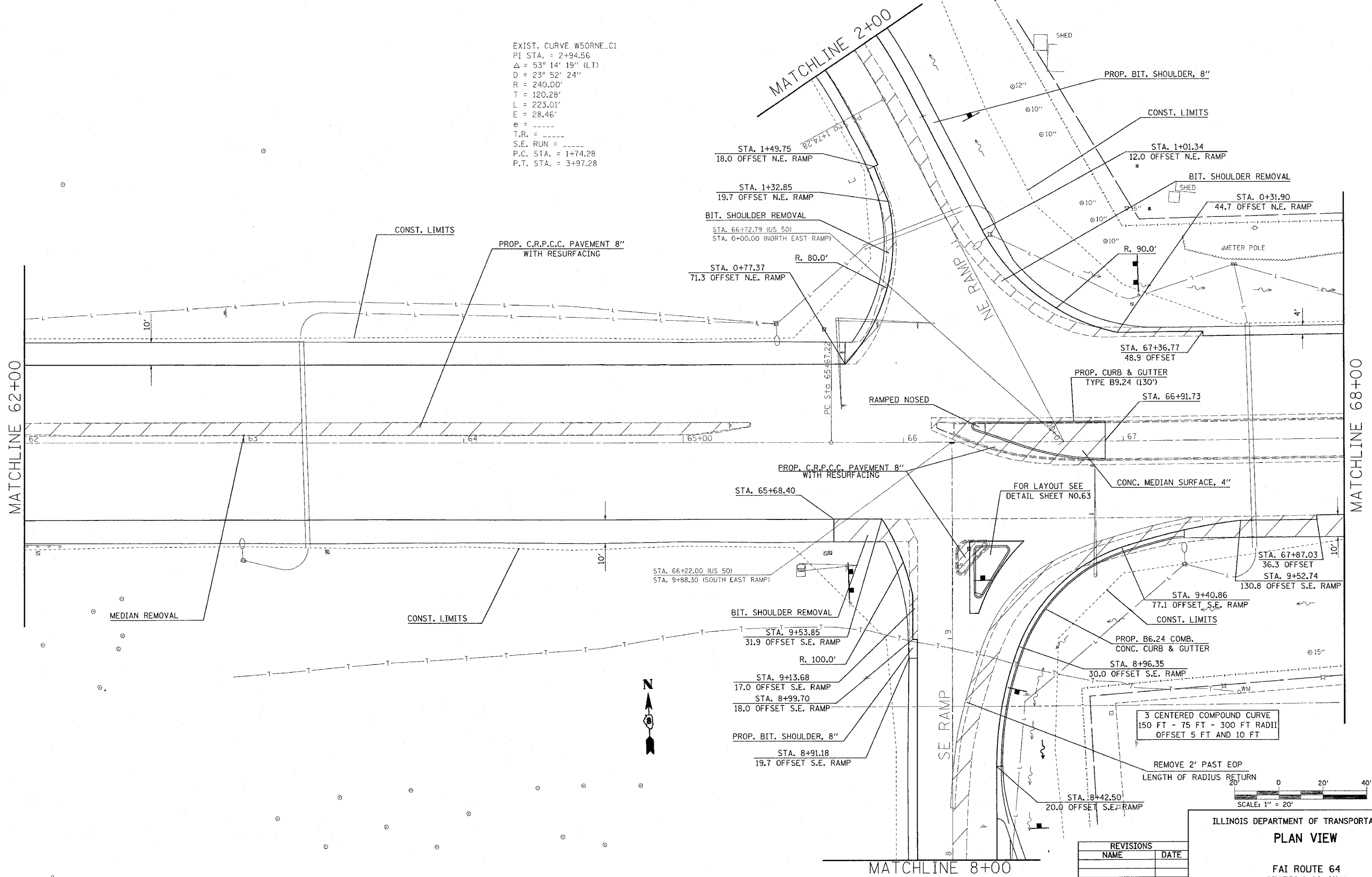
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

DATE: 7/1/2005
 PROJECT: 76815
 PLAN: 82-6K-1
 SHEET: 30

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	31
STA. 62+00		TO STA. 68+00		
CONTRACT NO.: 76815				

EXIST. CURVE W5ORNE_C1
 PI STA. = 2+94.56
 $\Delta = 53^\circ 14' 19''$ (LT)
 $D = 23^\circ 52' 24''$
 $R = 240.00'$
 $T = 120.28'$
 $L = 223.01'$
 $E = 28.46'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1+74.28$
 $P.T. STA. = 3+97.28$

PLAN	DATE
SURVEYED	
NOTED	
CHECKED	
BY	
NO.	



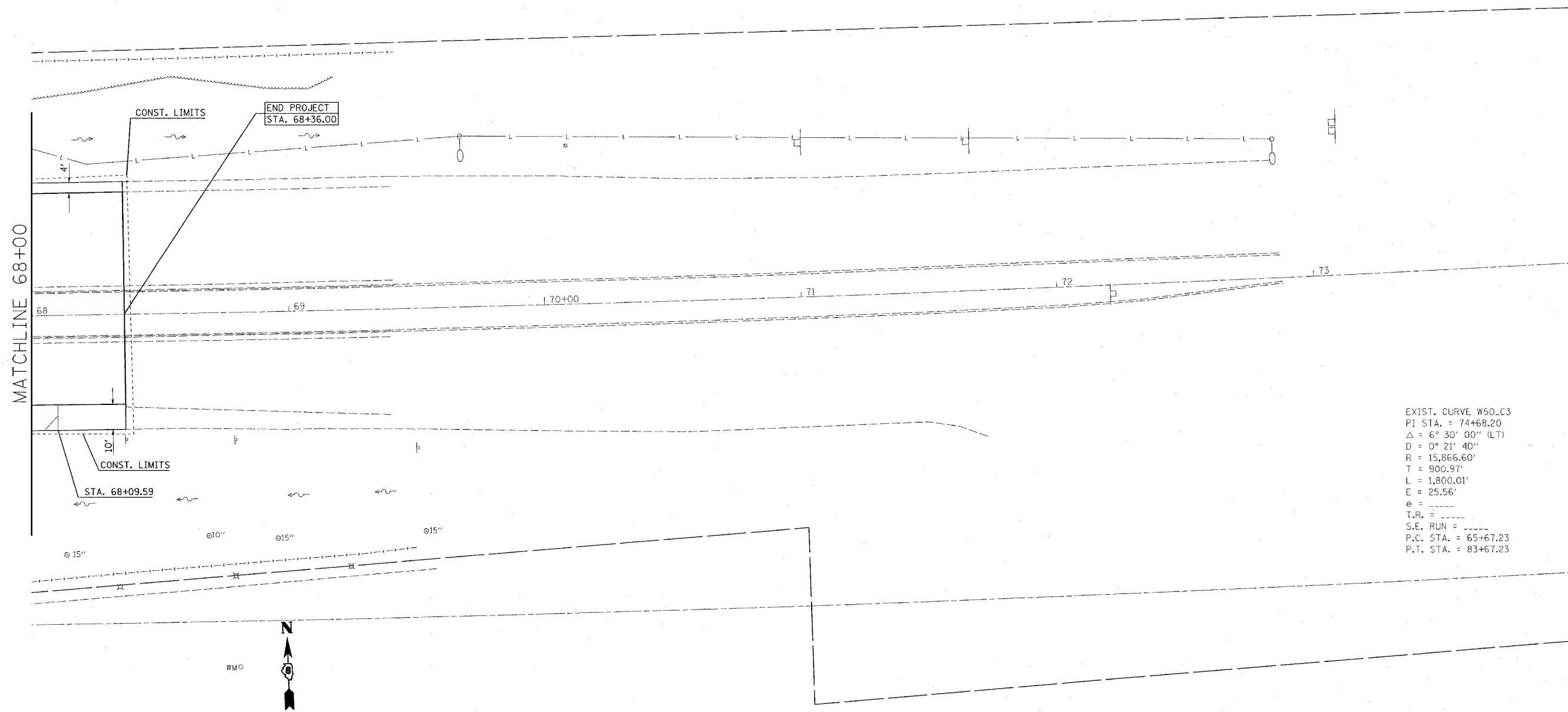
7/1/2005
 7/1/2005
 7/1/2005

REVISIONS	
NAME	DATE

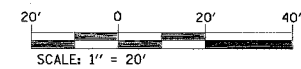
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	32
STA. 68+00		TO STA. 68+36		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
	DATE _____	
	FILE NAME _____	



EXIST. CURVE W50.C3
 P.I. STA. = 74+68.20
 $\Delta = 6^\circ 30' 00''$ (LT)
 $D = 0^\circ 21' 40''$
 $R = 15,866.60'$
 $T = 900.97'$
 $L = 1,800.01'$
 $E = 25.56'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 65+67.23$
 $P.T. STA. = 83+67.23$



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	33
STA. 0+00 NW RAMP TO STA. 4+00 NW RAMP				
CONTRACT NO.: 76815				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLotted		
	RT. OF WAY CHECKED		
	ADD FILE NAME		



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
NW RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

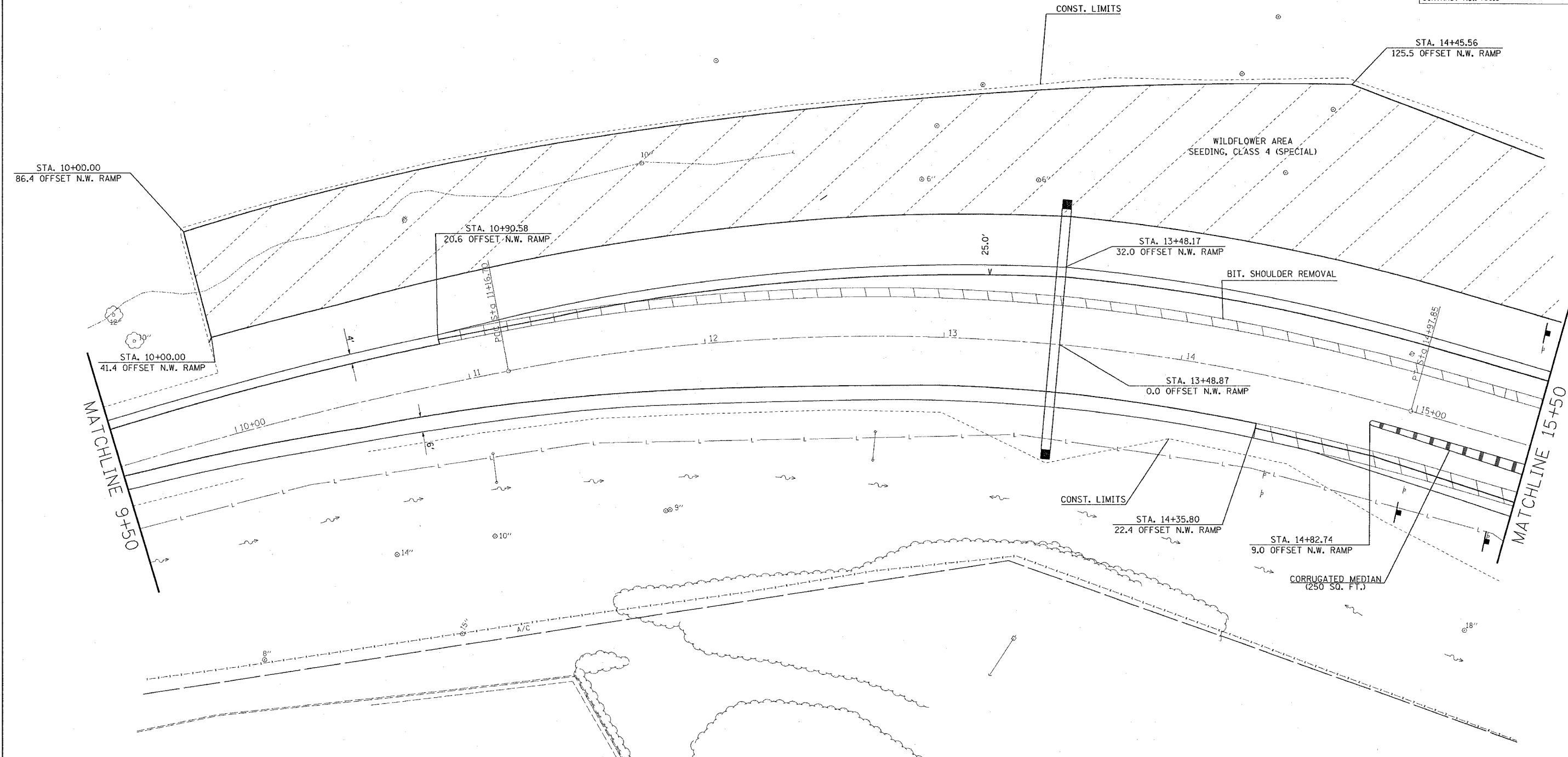
REVISIONS	
NAME	DATE

DRAWN BY:
 PLOT DATE: 7/1/2005

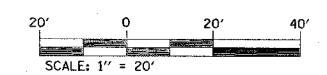
7/1/2005
 c:\p\projects\76815\plan\plan82-6k-1.dgn
 REF: p15.dwg
 REF: p16.dwg

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	35
STA. 9+50 NW RAMP TO STA. 15+50 NW RAMP				
CONTRACT NO.: 76815				

PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
APPROVED		
NO. _____		
ADD. FILE NAME		



EXIST. CURVE W50RNW_C3
 PI STA. = 13+10.80
 $\Delta = 26^\circ 40' 50''$ (RT)
 $D = 7^\circ 00' 00''$
 $R = 818.51'$
 $T = 194.10'$
 $L = 381.15'$
 $E = 22.70'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 11+16.70$
 $P.T. STA. = 14+97.85$



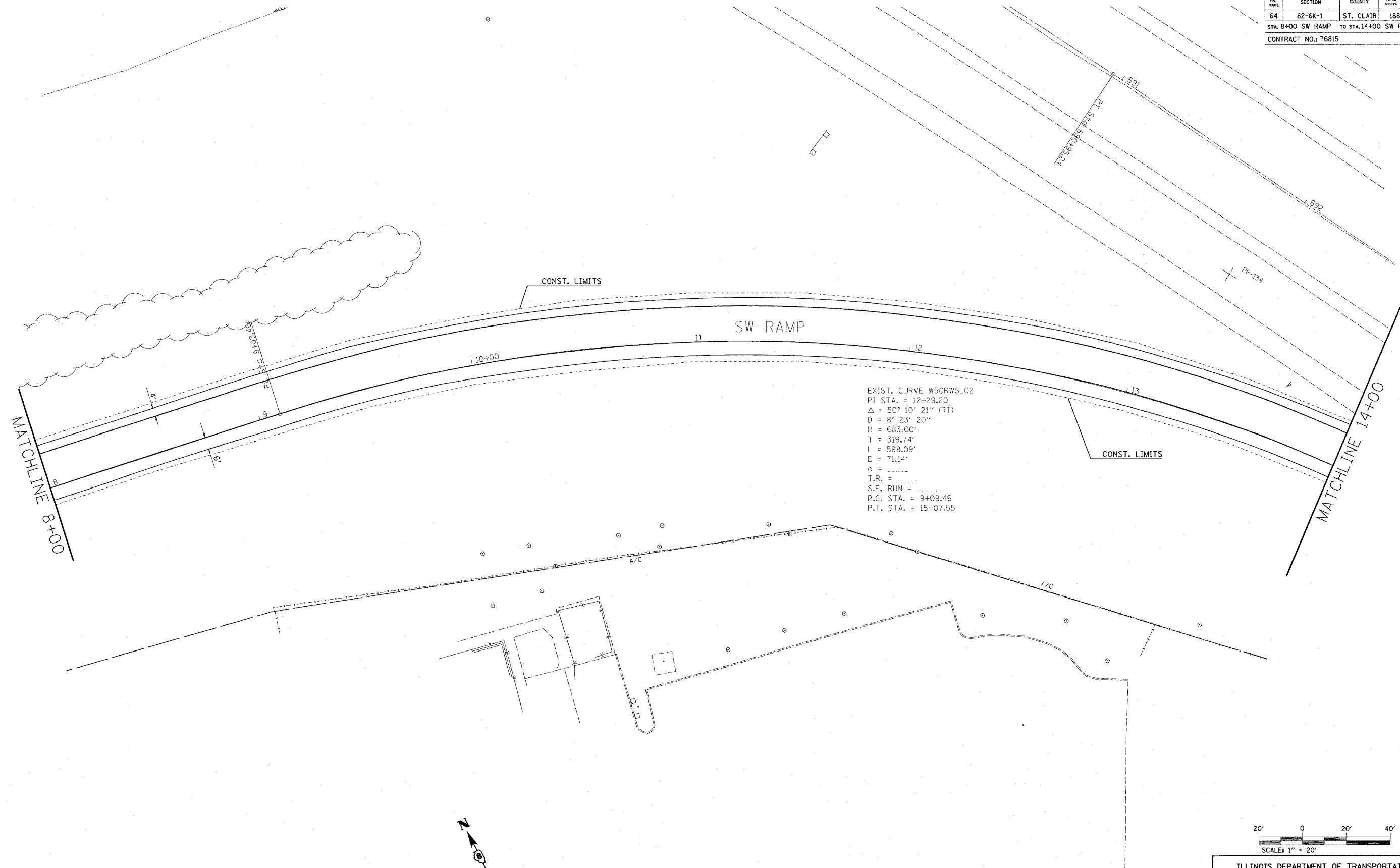
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PLAN VIEW
 NW RAMP**
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 1/1/2005

9:45:45 AM 1/1/2005
 C:\pwork\82-6K-1\plan\p17.dwg
 REF: p17.dwg
 REF: p17.dwg

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	37
STA. 8+00 SW RAMP TO STA. 14+00 SW RAMP				
CONTRACT NO.: 76815				

PLAN	SURVEYED	BY	DATE
	ADJUSTED		
	ALIGNED		
	CHECKED		
	BY		
	NO. OF PAGES		
	CAD FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
SW RAMP

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:
PLOT DATE: 7/1/2005

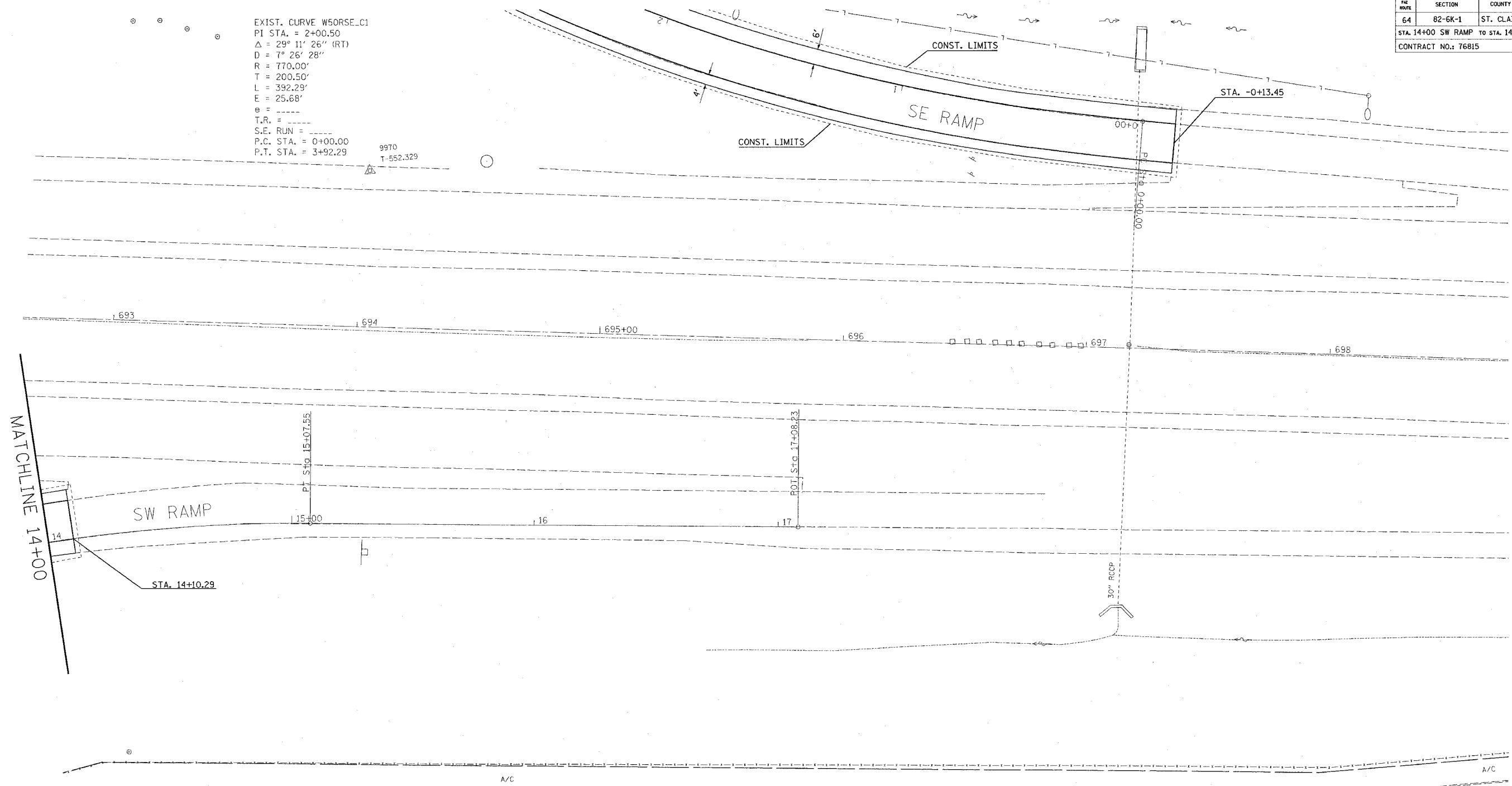
8/30/05 8:48
7/1/2005
c:\projects\road\82-6k-1\plan\p108191.dgn
14083044
REF: 14083044

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	38
STA. 14+00 SW RAMP TO STA. 14+10.29 SW RAMP				
CONTRACT NO.: T6815				

EXIST. CURVE W5ORSE_C1
 PI STA. = 2+00.50
 $\Delta = 29^\circ 11' 26''$ (RT)
 $D = 7^\circ 26' 28''$
 $R = 770.00'$
 $T = 200.50'$
 $L = 392.29'$
 $E = 25.68'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 0+00.00$
 $P.T. STA. = 3+92.29$

9970
 T-552.329

PLAN	DATE
NO. _____	_____
BY _____	_____
DESIGNED BY _____	_____
CHECKED BY _____	_____
DATE PLOTTED _____	_____
ALIGNED FILE NAME _____	_____
ANNOTATED FILE NAME _____	_____
PRINTED FILE NAME _____	_____



MATCHLINE 14+00

SW RAMP

SE RAMP

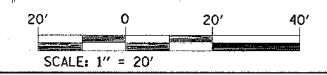
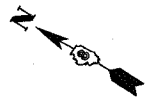
STA. -0+13.45

STA. 14+10.29

A/C

A/C

CONC



REVISIONS	
NAME	DATE

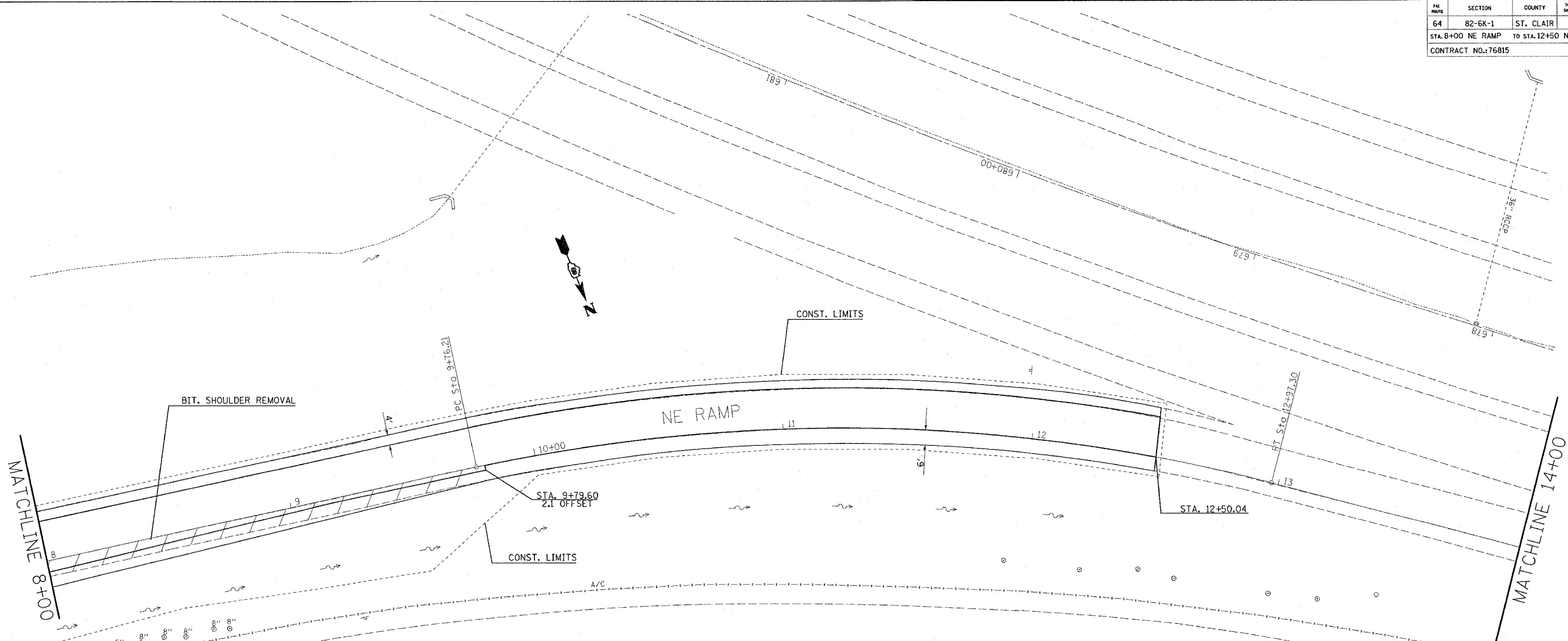
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
SW RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:
 PLOT DATE: 7/1/2005

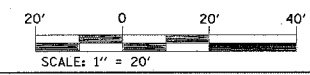
I:\STATE88
 c:\users\jacob\appdata\local\temp\065184\adgn
 REF: p1106506594e
 REF: p11065106594e

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	40
STA. 8+00 NE RAMP		TO STA. 12+50 NE RAMP		
CONTRACT NO.: 76815				

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



EXIST. CURVE W50RNE.C2
 PI STA. = 11+39.72
 $\Delta = 26^\circ 39' 43''$ (RT)
 $D = 8^\circ 18' 13''$
 $R = 690.00'$
 $T = 163.50'$
 $L = 321.09'$
 $E = 19.11'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 9+76.21
 P.T. STA. = 12+97.30



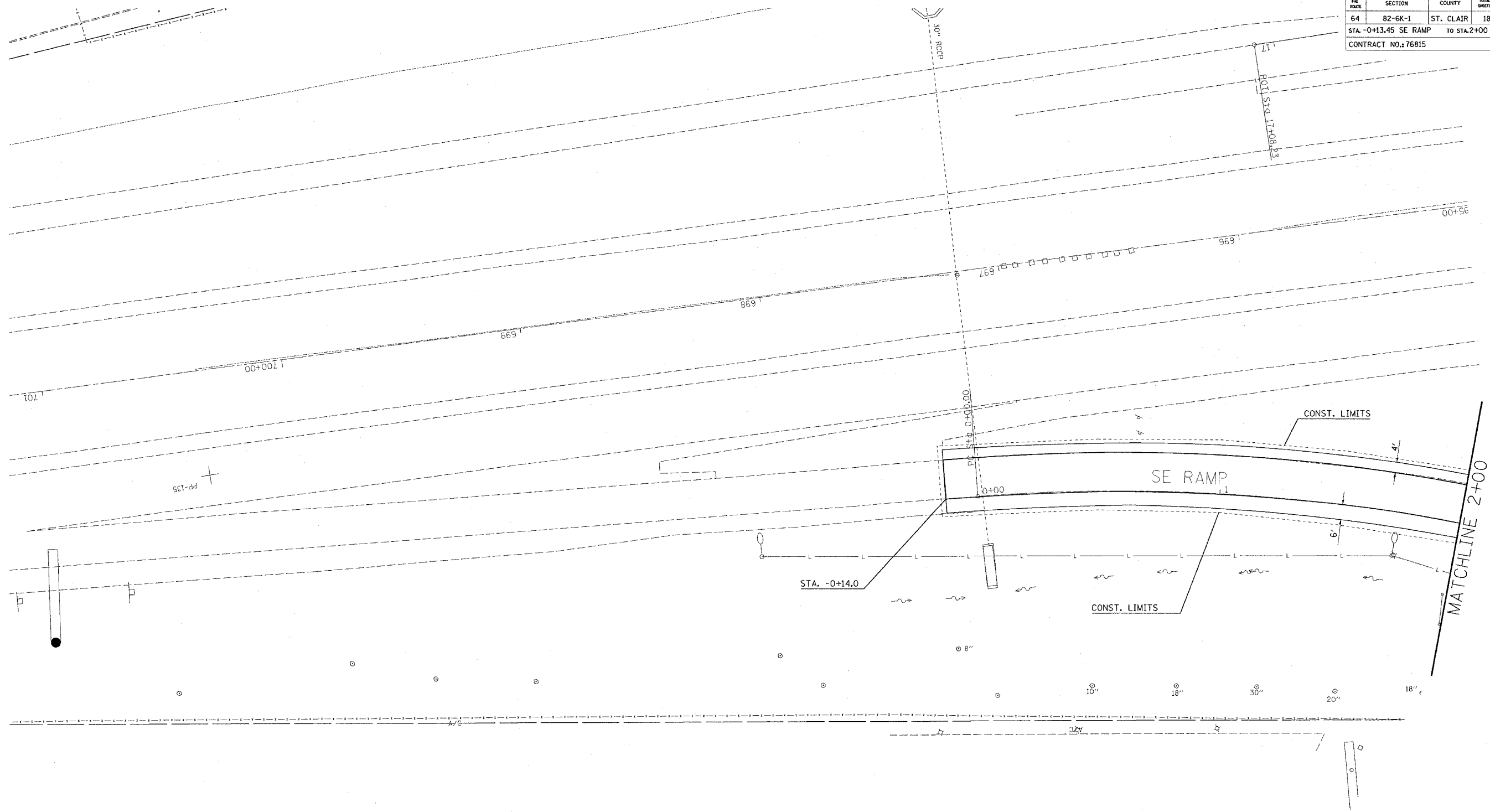
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
NE RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

4/20/05
 7/1/2005
 c:\projects\76815\plan\p14086914a.dgn
 REF: 112 1000 60904
 REF: 112 1000 60904

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	41
STA. -0+13.45 SE RAMP		TO STA. 2+00 SE RAMP		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO. _____	RT. OF WAY CHECKED	
	CADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
SE RAMP

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:
PLOT DATE: 7/1/2005

7/1/2005
c:\projects\ed659a\plan\plan36984.dgn
REF: all topo 6594a
4REF: pit of 11085%1a

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - (b.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
 - (c.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
 - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
 - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
 - (d.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
 - (e.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - (f.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
 - (h) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEDED.






MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES, OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.
2. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY FT. FALL/RISE IN DITCH GRADE.
3. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.
4. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
5. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.
6. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
7. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

LEGEND

-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

PLOT DATE = 7/1/2006
 FILE NAME = c:\projects\76815\plan\erod\erod.dgn
 PLOT SCALE = 5/8"=1'-0"
 REFERENCE = *REF*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**
 FAP ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF WIDENING AND RESURFACING W HWY 50 AND INTERCHANGE RAMP AT W HWY 50 & I-64.
2. CONSTRUCTION INCLUDES EARTH EXCAVATION, FURNISHED EXCAVATION, TREE REMOVAL, BITUMINOUS SHOULDERS, AGGREGATE SHOULDERS, CRC PAVEMENT, TRAFFIC SIGNAL MODIFICATION, SIGN TRUSS INSTALLATION HIGHWAY LIGHTING, BITUMINOUS SURFACE, MEDIAN REMOVAL, BRIDGE REPAIRS, SIGN RELOCATION AND SEEDING.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION AND EMBANKMENT WILL BE COMPLETED AT VARIOUS LOCATIONS ALONG THE JOB SITE TO GRADE OUT FOR PROPOSED ROADWAY WIDENING AND DITCHES.
2. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
3. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 11.8 ACRES OF WHICH 2.3 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, STANDARD SPECIFICATIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. OGLES CREEK
2. RICHLAND CREEK

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d.) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (f.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Mary C Lemie 7/16/05
 DEPUTY DIRECTOR OF HIGHWAYS DATE
 REGION FIVE ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	45
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

EROSION CONTROL SCHEDULE

LOCATION	LT/RT	TEMPORARY	EROSION CONTROL	TEMP EROSION	MULCH	INLET & PIPE	PERIMETER
		DITCH CHECKS	BLANKET	CONTROL SEEDING	METHOD 1	PROTECTION	EROSION BARRIER
		EACH	SQ YD	POUND	ACRE	EACH	FOOT
W HWY 50							
48+50 - 52+29	RT	0	1291	108	0.27		526
52+29 - 58+00	RT	0	1172	96	0.24		668
66+22 - 68+00	RT	4	396	32	0.08		144
50+50 - 52+71	LT	0	593	48	0.12	1	176
52+71 - 53+50	LT	0	962	80	0.2		219
66+73 - 67+50	LT	5	481	40	0.1		0
SE RAMP							
3+00 - 8+00	RT	9	1223	100	0.25		309
NE RAMP							
2+00 - 10+00	RT	30	1997	164	0.41		0
NW RAMP							
11+50 - 15+50	LT	0	2643	220	0.55		545
13+00 - 15+50	RT	0	392	32	0.08		252
SW RAMP							
2+00 - 2+50	RT	0	83	8	0.02		55
TOTALS							
		48	11233	928	2.32	1	2894

QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING INCLUDES 4 APPLICATIONS TO BE USED AS DIRECTED BY THE ENGINEER.

PLOT DATE = 7/1/2005
 FILE NAME = c:\projects\686984\plan\erod08984.dgn
 PLOT SCALE = 50,000 / IN.
 USER NAME = krlbase

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION
PREVENTION PLAN
 FAP ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

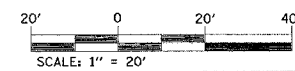
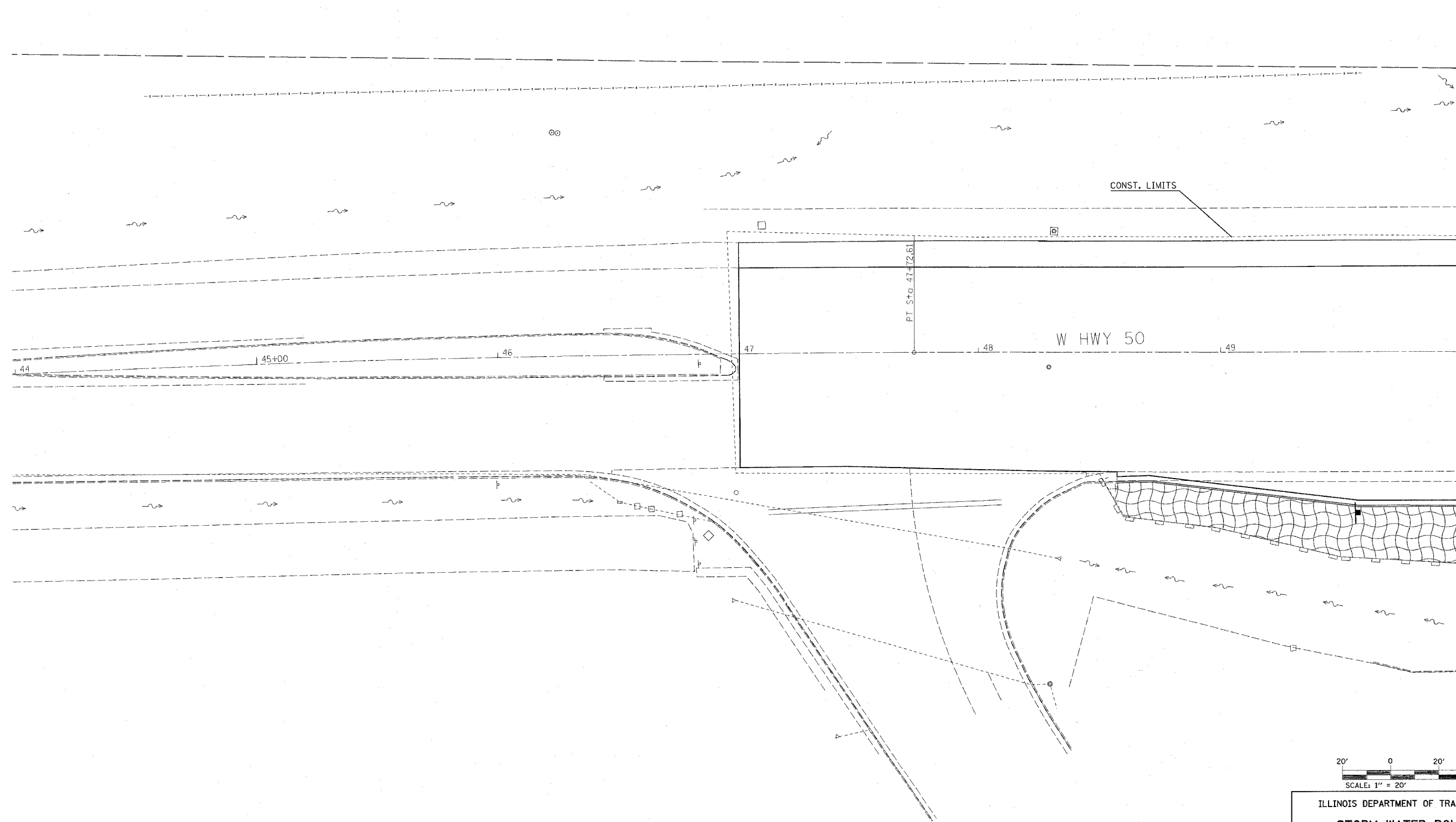
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	46
STA. 47+00		TO STA. 50+00		
CONTRACT NO.: 76815				



PLAN	DATE
BY	
REVIEWED	
PLOTTED	
CHECKED	
ALIGNED	
DESIGNED	
NO. _____	
ADD. FILE NAME	



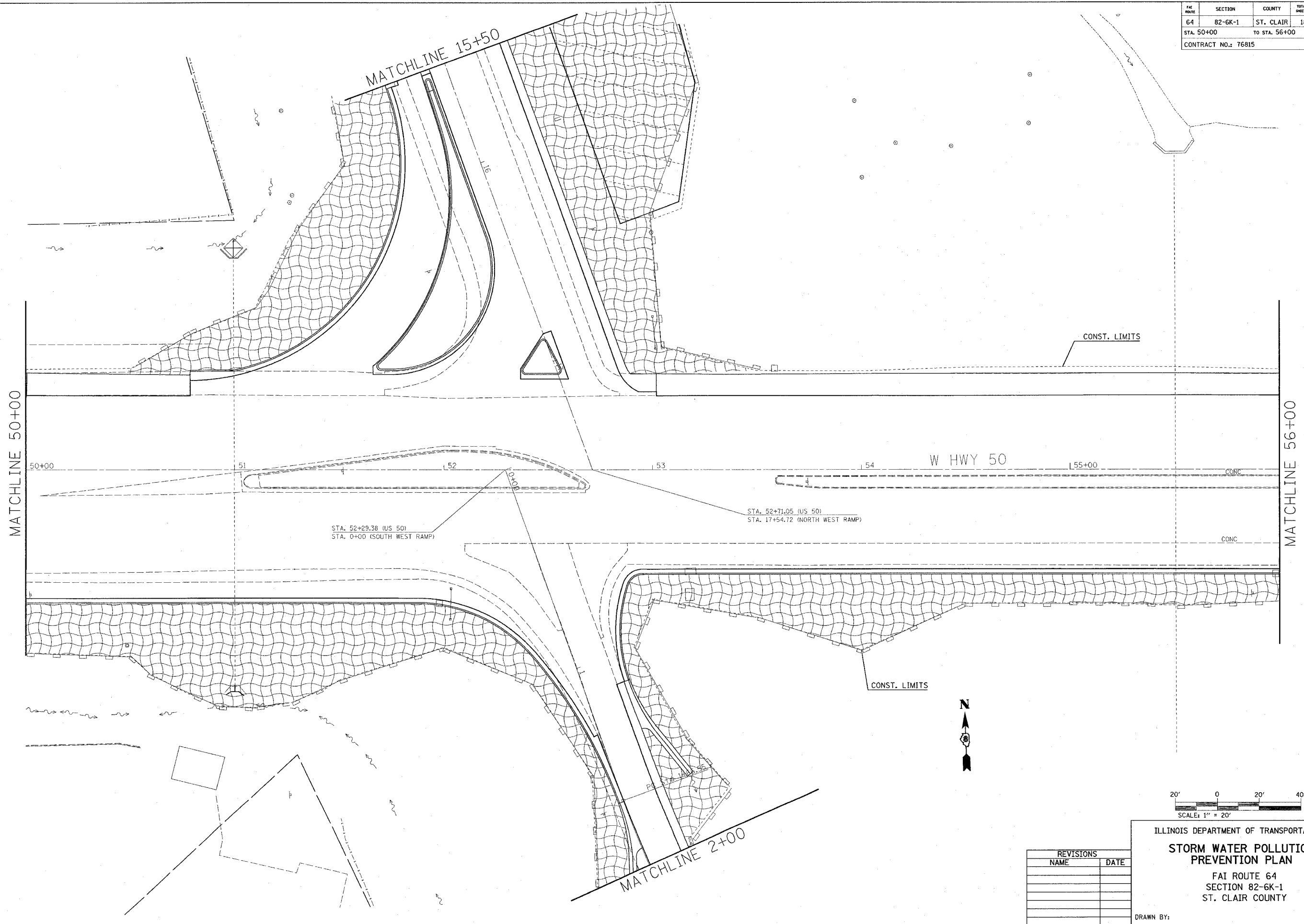
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

DATE: 7/1/2005
 C:\Users\jcs\Documents\76815\82-6K-1\82-6K-1.dwg
 REF: 7/1/2005 8:24:40
 REF: 7/1/2005 8:24:40

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	47
STA. 50+00		TO STA. 56+00		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
	PLOTTED	
	REVISIONS	
	NO. OF REVISIONS	
	BY	
	DATE	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	NO. OF SHEETS	
	CADD FILE NAME	



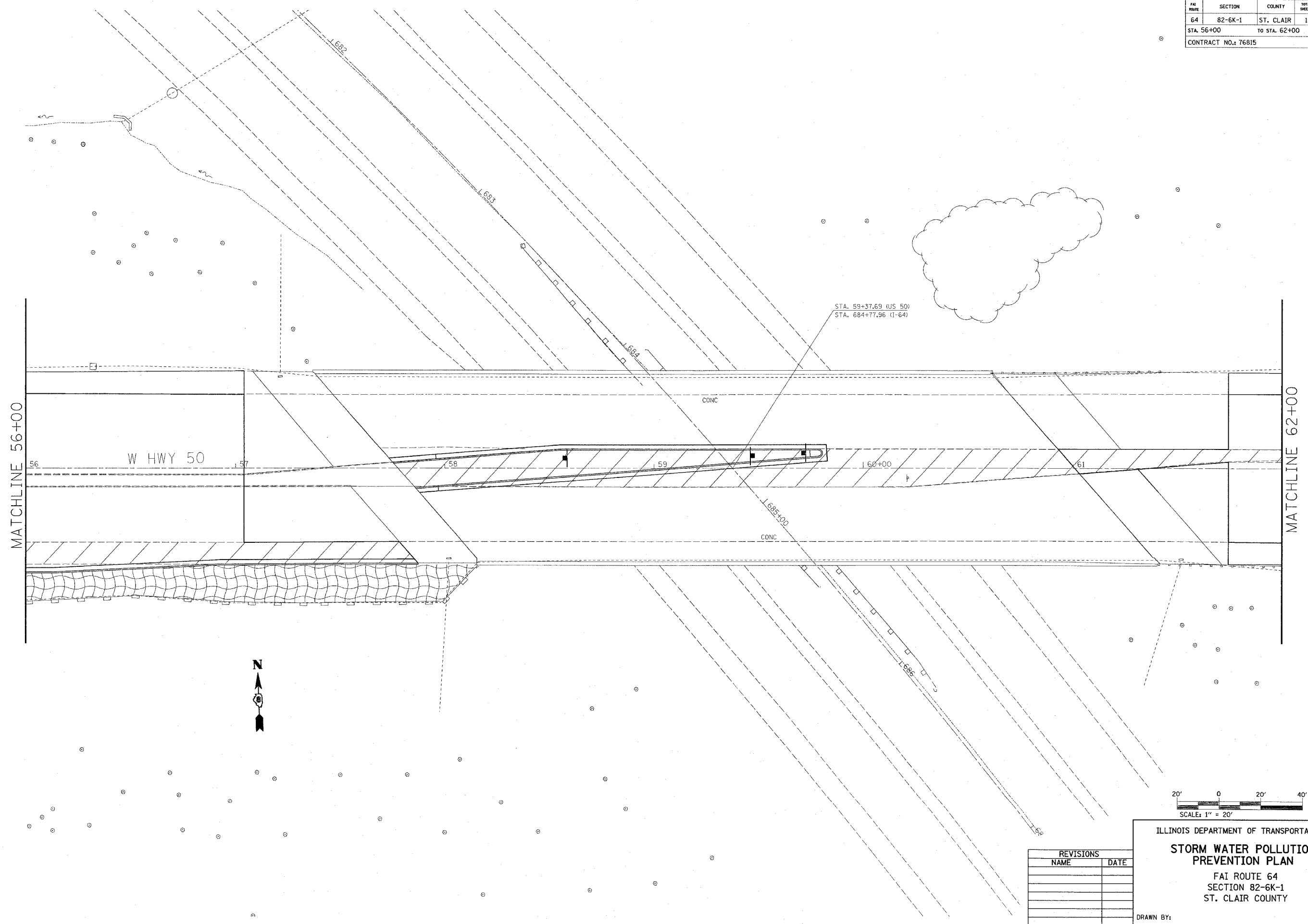
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

MAPS 14
 7/1/2005
 c:\projects\aed0599\p1\m\m\c065704\edgn
 REF: p12\topo\809\94
 REF: p12\uf1\ed05704

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	48
STA. 56+00 TO STA. 62+00		CONTRACT NO.: 76815		

PLAN	SURVEYED	BY	DATE
NOTED	PLOTTED		
NOTE BOOK NO.	RT. OF WAY CHECKED		
	CAUD FILE NAME		



STA. 59+37.69 (US 50)
STA. 684+77.96 (I-64)

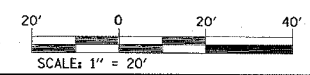
MATCHLINE 56+00

MATCHLINE 62+00

W HWY 50

CONC

CONC



ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

PLOT DATE: 7/1/2005

PROJECT # 7/1/2005
c:\projects\82-6K-1\plan\82-6K-1.dgn
REF: 82-6K-1-01
REF: 82-6K-1-02

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	49
STA. 62+00		TO STA. 68+00		
CONTRACT NO.: 76815				

PLAN	DATE
SURVEYED	
DESIGNED	
CHECKED	
DATE	
BY	
NO.	
ADD. FILE NAME	

MATCHLINE 62+00

MATCHLINE 68+00

MATCHLINE 2+00

MATCHLINE 8+00

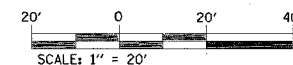
STA. 66+72.79 (US 50)
STA. 0+00.00 (NORTH EAST RAMP)

STA. 66+22.00 (US 50)
STA. 9+88.30 (SOUTH EAST RAMP)

W HWY 50

SHED

SHED



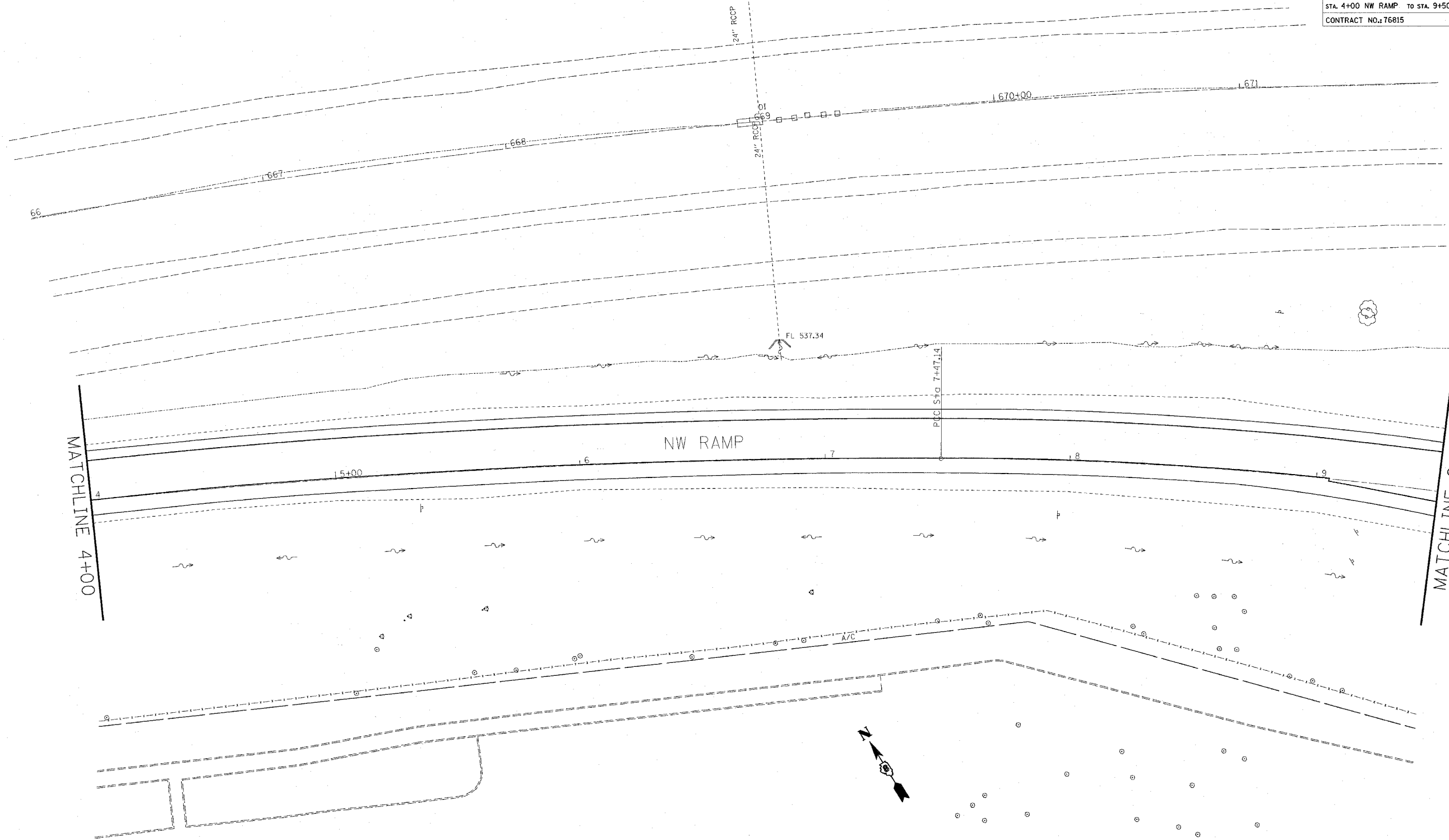
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: J21/2005

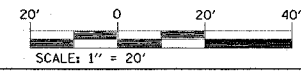
7/1/2005
 7/1/2005
 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	B2-6K-1	ST. CLAIR	188	52
STA. 4+00 NW RAMP TO STA. 9+50 NW RAMP		CONTRACT NO.: 76815		

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NOTE BOOK		
FILE NAME		



7/1/2005
 7/1/2005
 REF: 11/1/2005

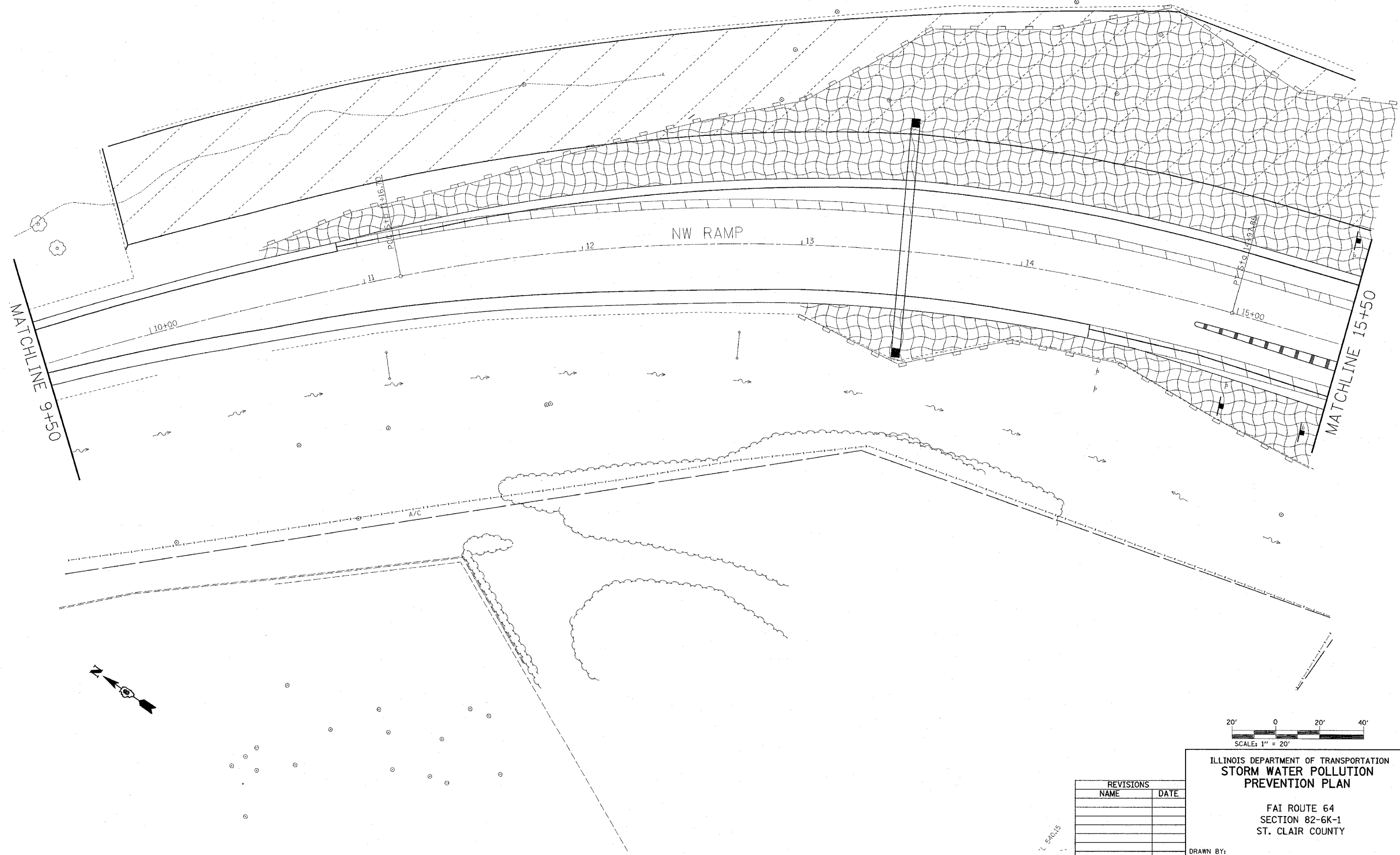


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	53
STA. 9+50 NW RAMP		TO STA. 15+50 NW RAMP		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK _____	PLOTTED _____	
NO. _____	RT. OF WAY CHECKED _____	
	CADD FILE NAME _____	



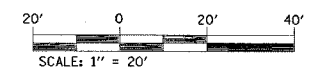
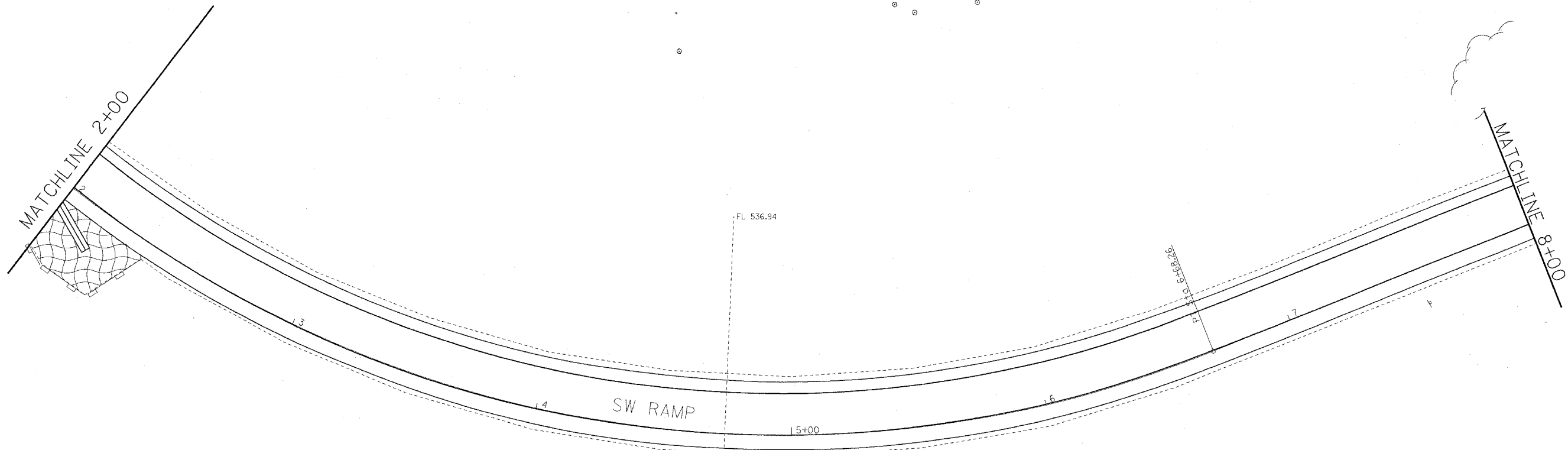
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: 7/1/2005

9/21/05
 7/1/05
 c:\p\projects\826504\plan\mrc05194.dgn
 REF: n17topo069.xls
 REF: n17df1e059.xls

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	54
STA. 2+00 SW RAMP		TO STA. 8+00 SW RAMP		
CONTRACT NO.: T6815				

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY: _____
 PLOT DATE: 7/1/2005

8/15/05
 7/1/2005
 c:\p\projects\82659\plan\swc05184.dgn
 REF: p18.dgn, 05/05/04
 REF: p18.dgn, 05/05/04

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	55
STA. 8+00 SW RAMP TO STA. 14+00 SW RAMP				
CONTRACT NO.: 76815				

PLAN	SURVEYED	BY	DATE
	DESIGNED		
	ADJUSTED		
	CHECKED		
	IN CHARGE		
	NO. OF WAYS CHECKED		
	NO. OF FILES		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN

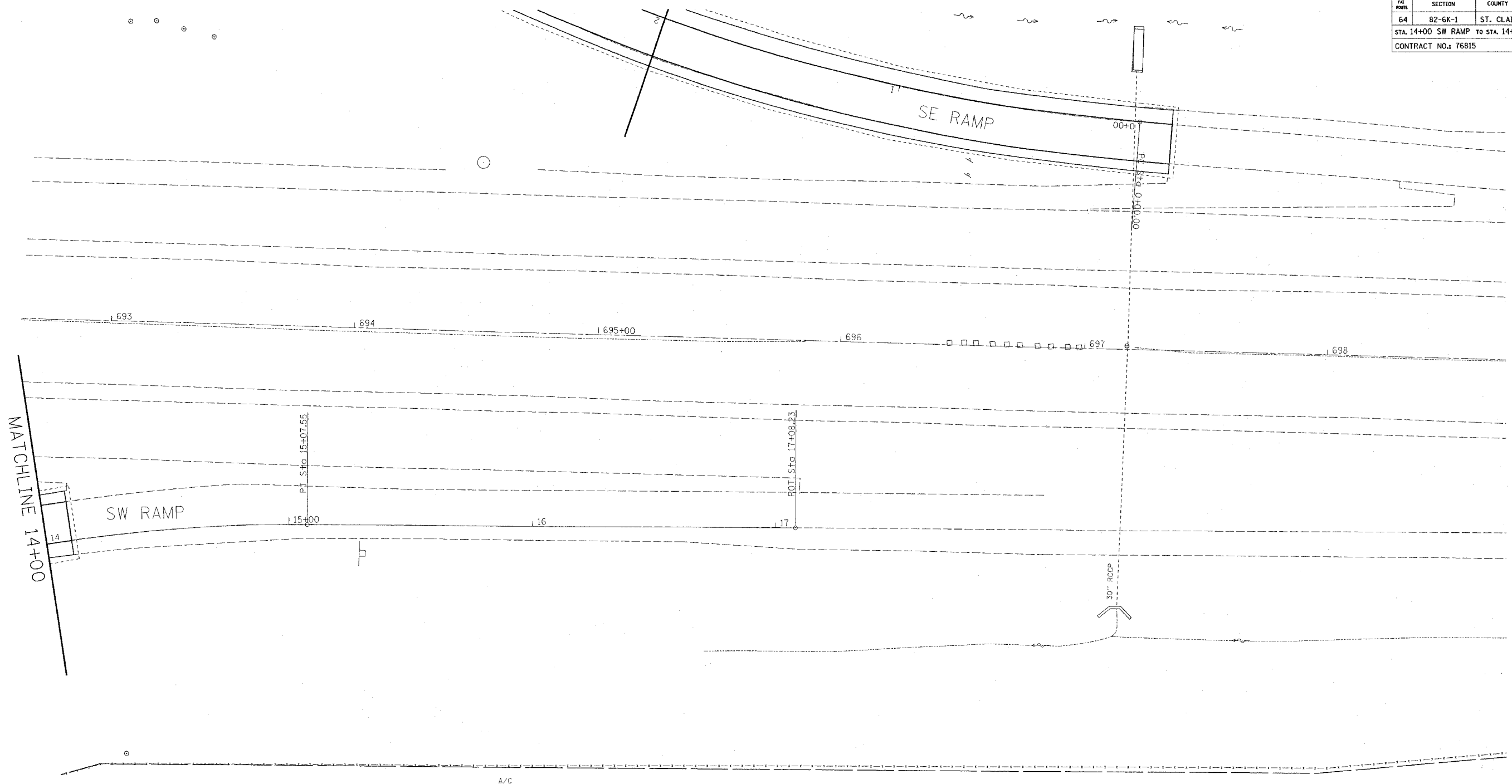
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:
PLOT DATE: 7/1/2005

7/1/2005
c:\projects\68519\plan\8268519.dwg
*REF: 19/01/00/03/14

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	56
STA. 14+00 SW RAMP TO STA. 14+0.29 SW RAMP				
CONTRACT NO.: 76815				

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



ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

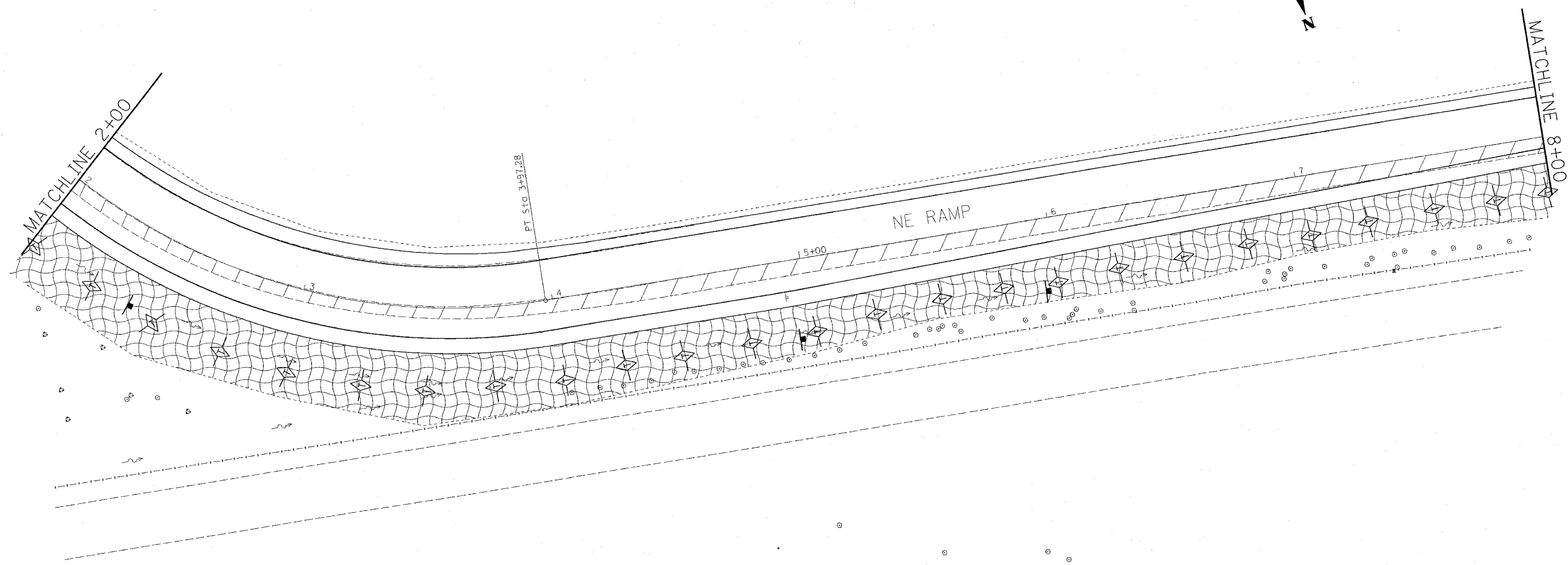
DRAWN BY:

PLOT DATE: 3/5/2005

DATE: 7/5/2005
 FILE: I:\projects\82-6K-1\plan\82-6K-1-56.dwg
 REF: 82-6K-1-56.dwg
 REF: 82-6K-1-56.dwg

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	57
STA. 2+00 NE RAMP		TO STA. 8+00 NE RAMP		
CONTRACT NO.: 76815				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ADJUSTED		
NO. _____	RT. OF WAY CHECKED		
	GRID FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

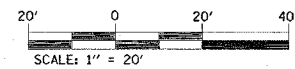
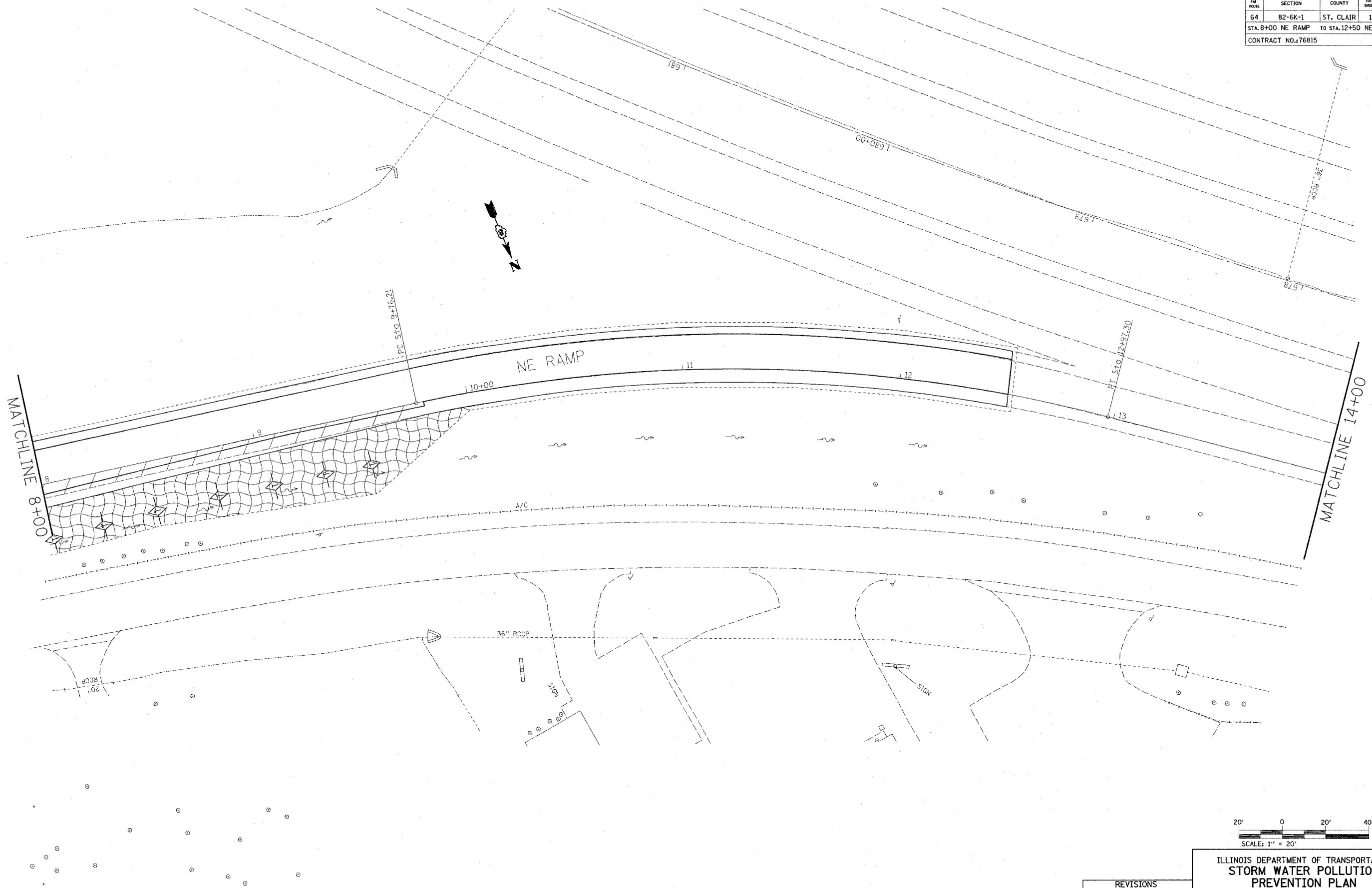
DRAWN BY:

PLOT DATE: 7/1/2005

4404254
7/1/2005
c:\p\projects\805594\plan\erc05191.dwg
PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	58
STA. 8+00 NE RAMP TO STA. 12+50 NE RAMP				
CONTRACT NO. 76815				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
	REVIEWED	
	DATE	
	BY	
	NO. _____	
	DATE	
	BY	
	NO. _____	
	DATE	
	BY	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**

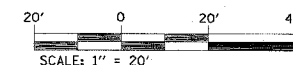
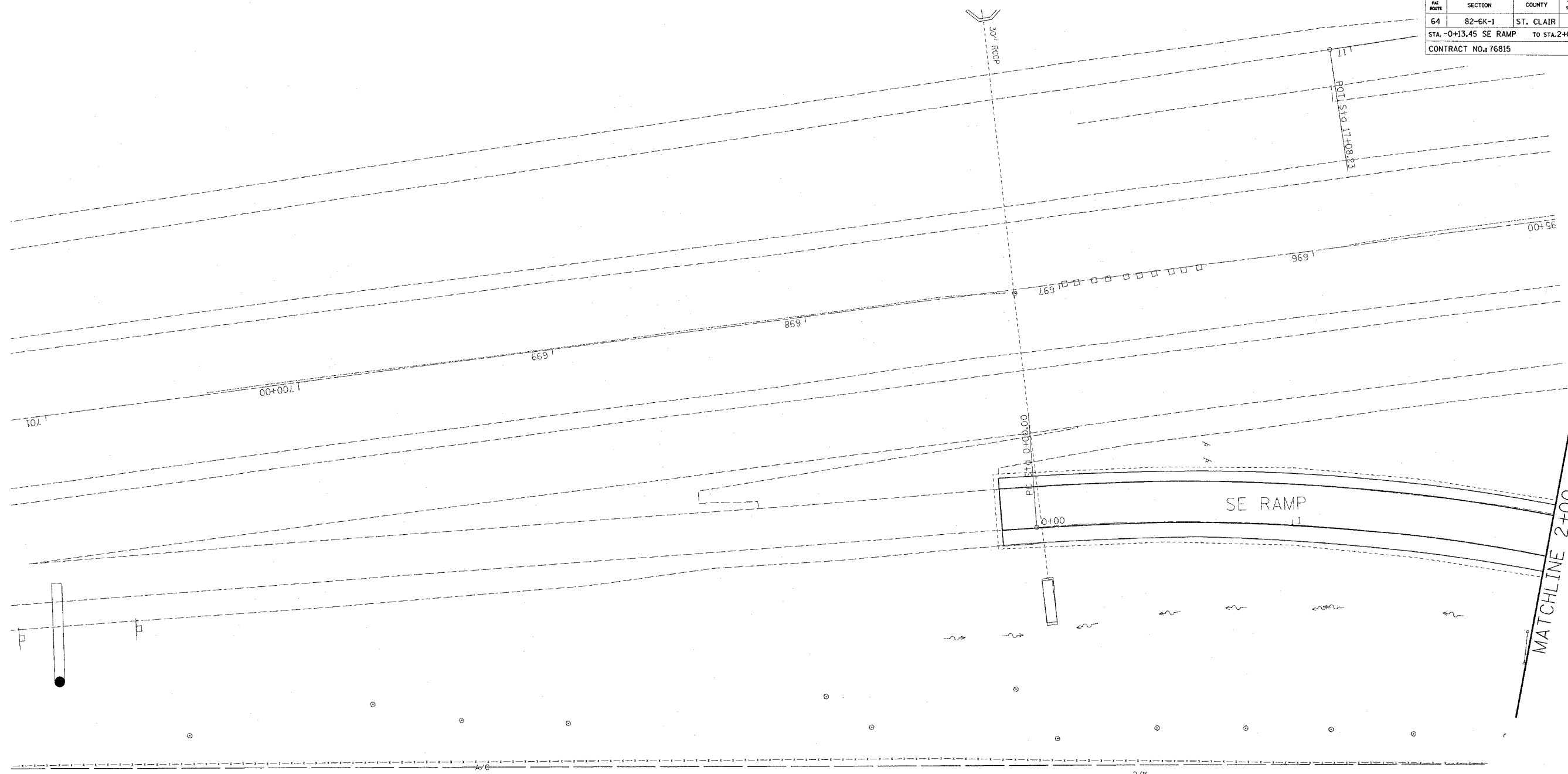
FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:
 PLOT DATE: 7/1/2005

PLAN SET #
 8/2/2005
 c:\p\826k1\826k1.dgn
 REF: 811230065924
 REF: 811230065924

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	59
STA. -0+13.45 SE RAMP		TO STA. 2+00 SE RAMP		
CONTRACT NO.: 76815				

PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
FILE NAME	RT. OF WAY CHECKED	
_____	BY _____	
_____	DATE _____	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY: _____

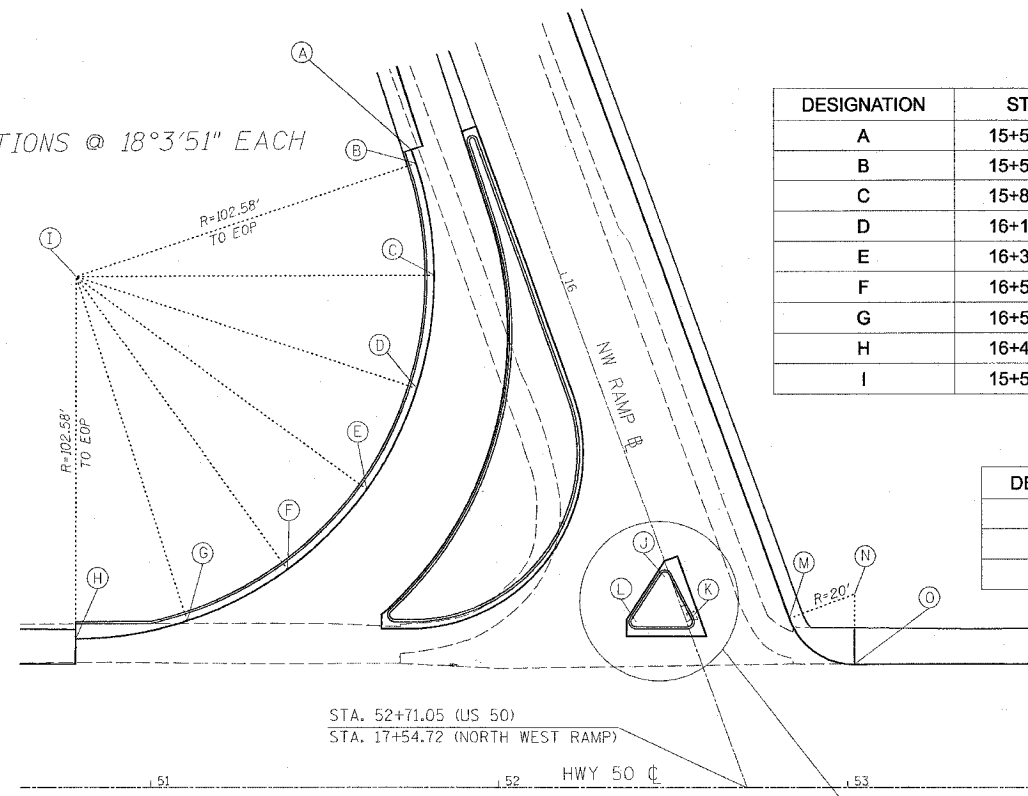
PLOT DATE: 7/1/2005

6/20/05
7/1/2005
c:\projects\8266314\plan\8266314.dgn
REF: p14topa030a
REF: p14topa030a

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	61

CONTRACT NO.: 76815

6 SECTIONS @ 18°3'51" EACH



NORTHWEST RAMP LAYOUT (NW QUAD)

DESIGNATION	STA.	OFFSET	ELEVATION	DESCRIPTION
A	15+51.81	27.81 RT	554.41	EDGE OF PAVEMENT
B	15+55.95	27.94 RT	554.52	EDGE OF PAVEMENT
C	15+87.57	34.06 RT	555.15	EDGE OF PAVEMENT
D	16+15.74	49.67 RT	555.78	EDGE OF PAVEMENT
E	16+37.68	73.25 RT	556.41	EDGE OF PAVEMENT
F	16+51.23	102.47 RT	555.78	EDGE OF PAVEMENT
G	16+55.04	134.45 RT	555.15	EDGE OF PAVEMENT
H	16+48.76	166.04 RT	554.49	EDGE OF PAVEMENT
I	15+52.54	130.46 RT	---	RADIUS POINT

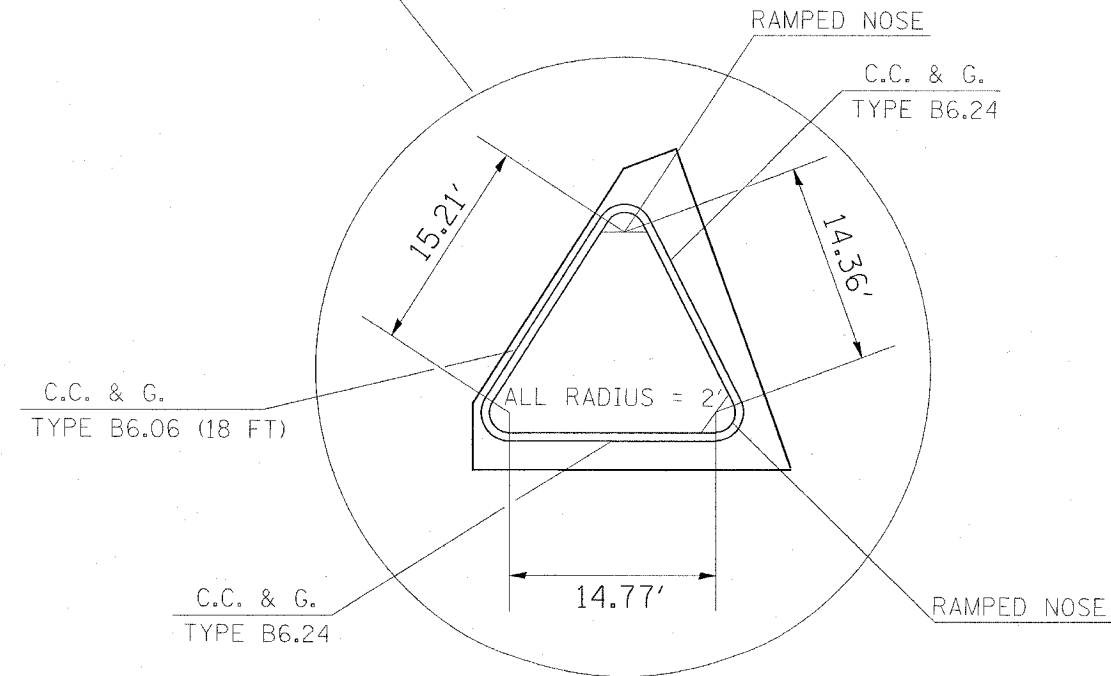
NORTHWEST RAMP LAYOUT (NE QUAD)

DESIGNATION	STA.	OFFSET	DESCRIPTION
M	17+13.87	28.00	EDGE OF PAVEMENT
N	17+13.87	58.00	RADIUS POINT
O	17+32.53	41.09	EDGE OF PAVEMENT

NORTHWEST RAMP LAYOUT (MEDIAN)

DESIGNATION	STA.	OFFSET	DESCRIPTION
J	16+90.38	1.49 RT	RADIUS POINT
K	17+04.64	0.26 LT	RADIUS POINT
L	16+99.58	13.61 RT	RADIUS POINT

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
NW RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY
 DRAWN BY:

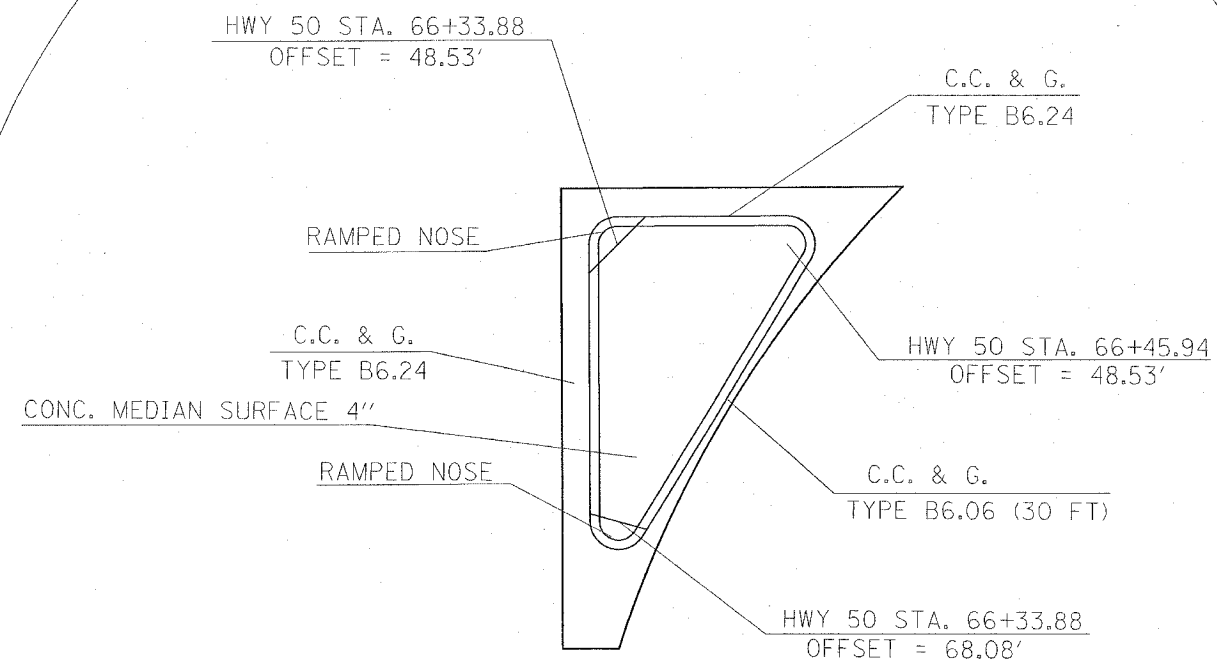
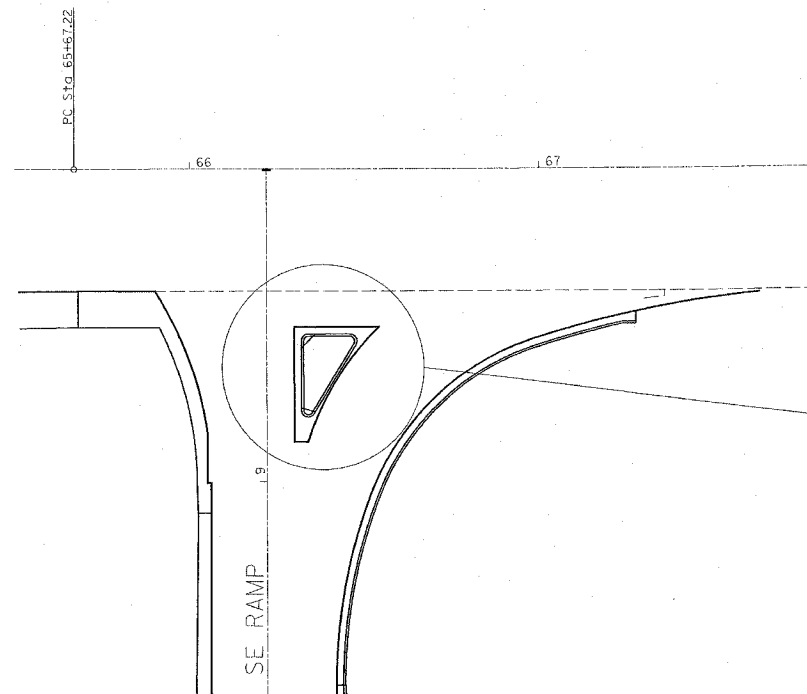
PLOT DATE: 3/1/2005

DATE: 7/1/2005
 PROJECT: I-55/US 50
 REF: REF-1

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	63

CONTRACT NO.: 76815

PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO. _____		
FILE NAME		



ALL THREE CORNERS RAD. = 2'

DATE: 7/1/2005
 FILE: REF
 REF: REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS

SE RAMP

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

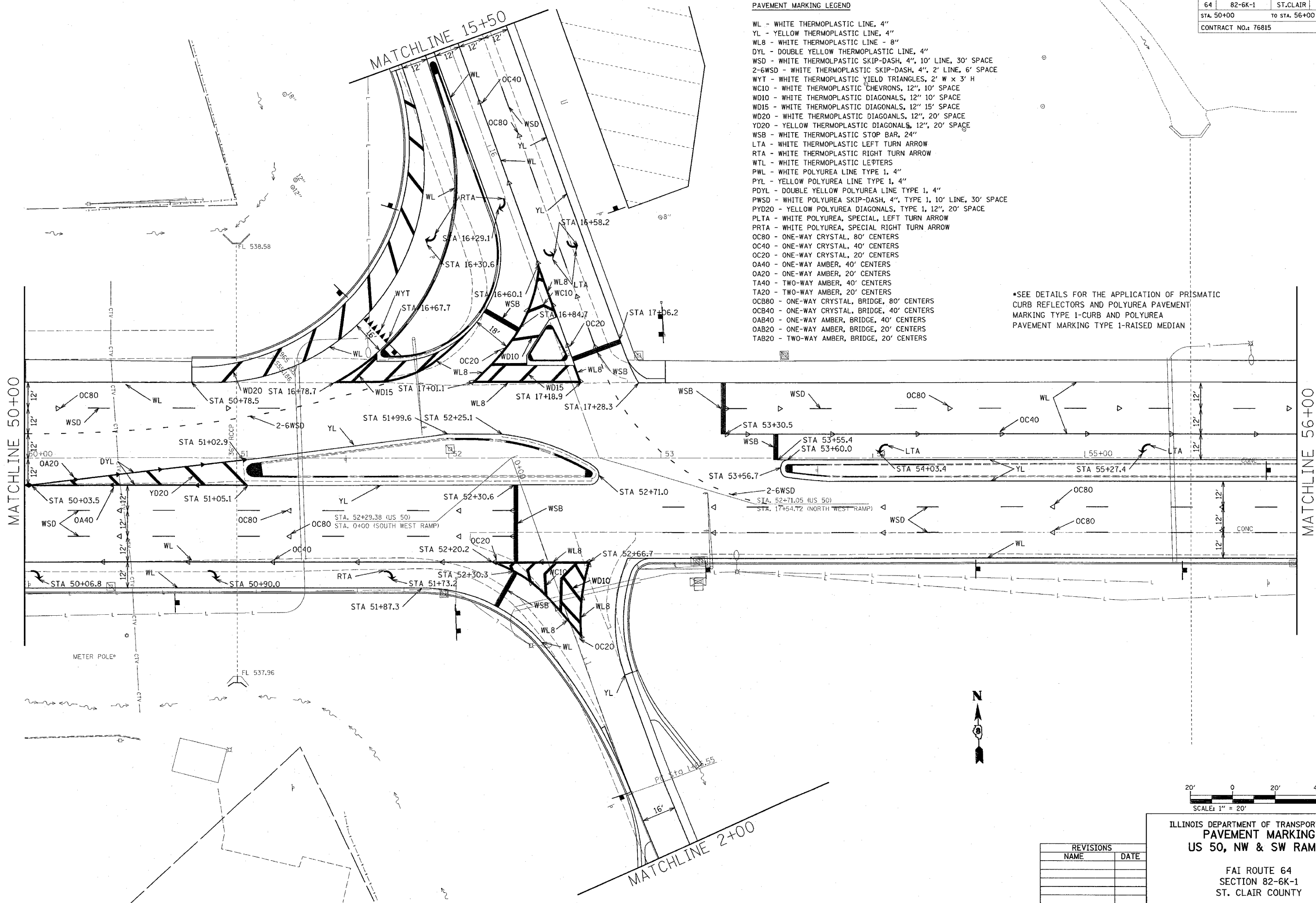
PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	65
STA. 50+00		to STA. 56+00		
CONTRACT NO.: 76815				

PAVEMENT MARKING LEGEND

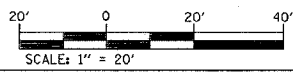
- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PDYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



PLAN	DATE	BY
DESIGNED		
CHECKED		
PLOTTED		
ALIGNED		
INSTRUMENT CHECKED		
FIELD FILE NAME		

DATE: 11/15/11
 TIME: 10:00 AM
 REF: 11/15/11
 REF: 11/15/11



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
US 50, NW & SW RAMPS

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: _____
 PLOT DATE: DATE-TIME

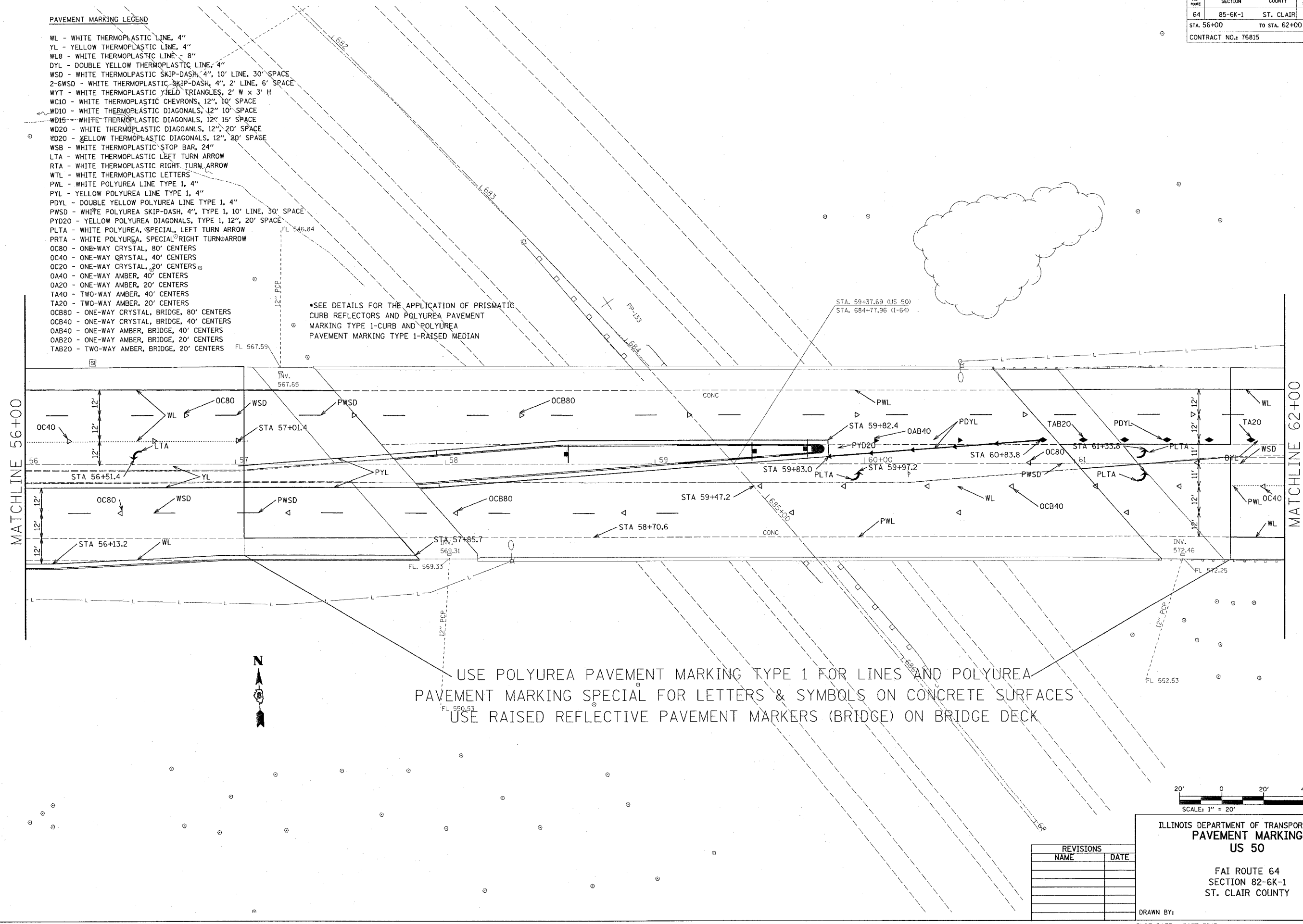
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	85-6K-1	ST. CLAIR	188	66
STA. 56+00		TO STA. 62+00		
CONTRACT NO.: T6815				

PAVEMENT MARKING LEGEND

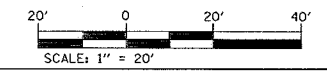
- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE, 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30" SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6" SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12", 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12", 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30" SPACE
- PDY20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN

PLAN	DESIGNED	BY	DATE
NOTE BOOK	ALIGNED	CHECKED	
	PLOTTED	DATE	
	FILED	FILE NAME	



USE POLYUREA PAVEMENT MARKING TYPE 1 FOR LINES AND POLYUREA PAVEMENT MARKING SPECIAL FOR LETTERS & SYMBOLS ON CONCRETE SURFACES
 USE RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE) ON BRIDGE DECK



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
 US 50**

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:
 PLOT DATE: DATE-TIME

8:04:55
 DATE-TIME
 DATE-TIME
 REF: P13371.00530.45

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82+6K-1	ST. CLAIR	188	67
STA. 62+00		TO STA. 68+36		
CONTRACT NO.: 76815				

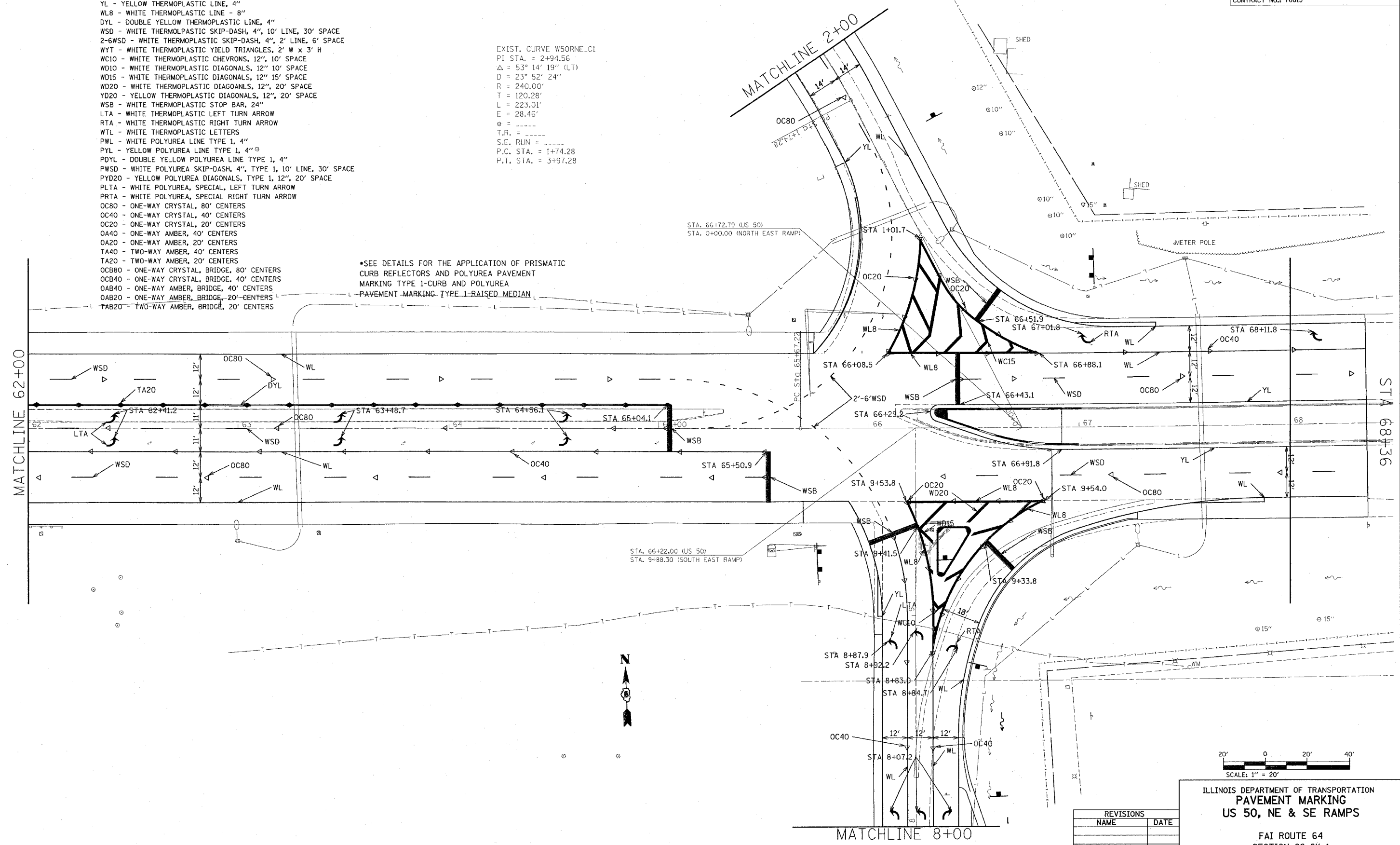
PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12" 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

EXIST. CURVE W5ORNE_C1
 PI STA. = 2+94.56
 $\Delta = 53^\circ 14' 19''$ (LT)
 $D = 23^\circ 52' 24''$
 $R = 240.00'$
 $T = 120.28'$
 $L = 223.01'$
 $E = 28.46'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1+74.28$
 $P.T. STA. = 3+97.28$

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN

PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
APPROVED		
NO. _____		
FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING
 US 50, NE & SE RAMP

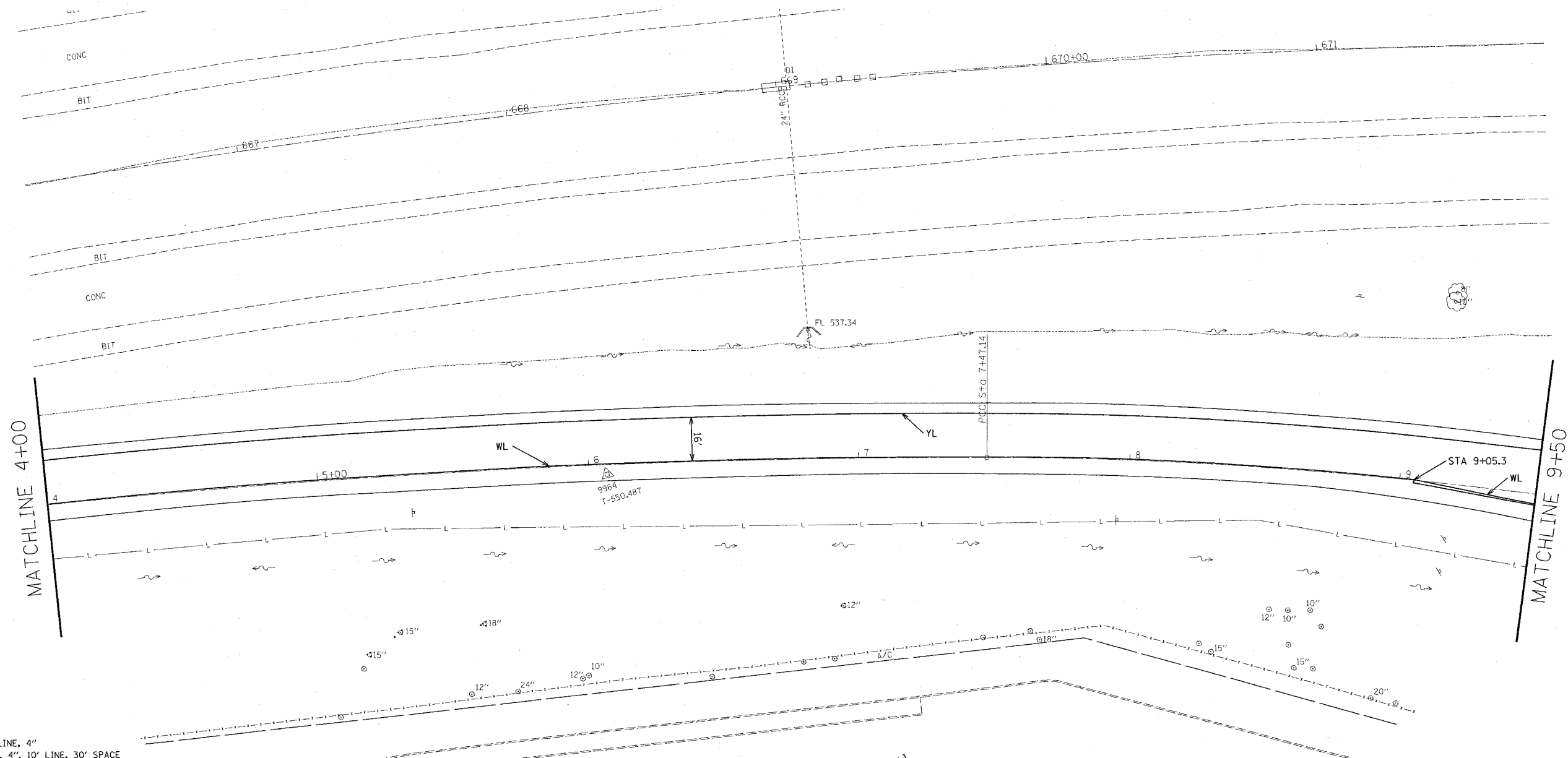
FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:
 PLOT DATE: _DATE-TIME_

DATE: 11/11/11
 TIME: 10:00 AM
 USER: JLD
 PLOT: 11/11/11 10:00 AM

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82+6K-1	ST. CLAIR	188	68
STA. 4+00		TO STA. 9+50		
CONTRACT NO.: 76815				

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



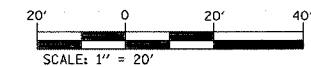
PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

EXIST. CURVE W50RNW.C1
 PI STA. = 3+75.19
 $\Delta = 13^\circ 01' 26''$ (RT)
 $D = 1^\circ 44' 35''$
 $R = 3,286.89'$
 $T = 375.19'$
 $L = 747.14'$
 $E = 21.34'$
 $e = \text{---}$
 T.R. = ---
 S.E. RUN = ---
 P.C. STA. = 0+00.00
 P.T. STA. = 7+47.14

EXIST. CURVE W50RNW.C2 BIT
 PI STA. = 9+32.71
 $\Delta = 12^\circ 56' 05''$ (RT)
 $D = 3^\circ 30' 00''$
 $R = 1,637.02'$
 $T = 185.57'$
 $L = 369.56'$
 $E = 10.48'$
 $e = \text{---}$
 T.R. = ---
 S.E. RUN = ---
 P.C. STA. = 7+47.14
 P.T. STA. = 11+16.70

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
NW RAMP

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

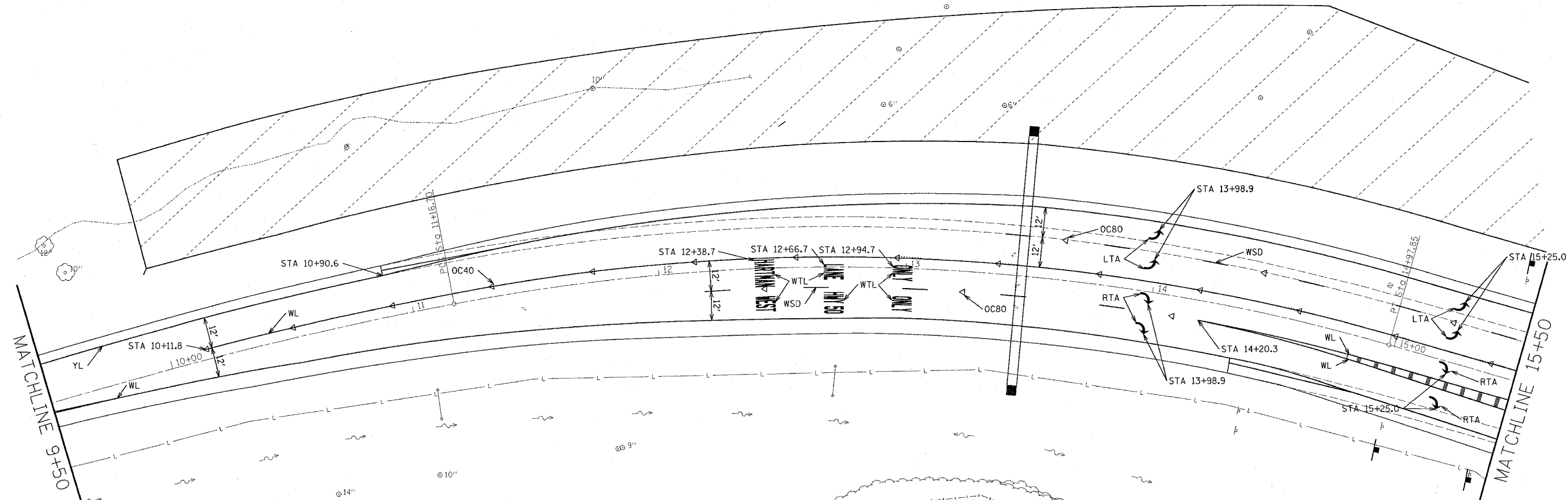
DRAWN BY: _____

PLOT DATE: _DATE-TIME_

DATE-TIME
 REF: 8/16/05
 REF: 8/16/05

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82+6K-1	ST. CLAIR	188	69
STA. 9+50		TO STA. 15+50		
CONTRACT NO.: 76815				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		
	PROP. FILE NAME		

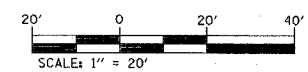


PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12", 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12", 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

EXIST. CURVE W50RNW_C3
 PI STA. = 13+10.80
 $\Delta = 26^\circ 40' 50''$ (RT)
 $D = 7^\circ 00' 00''$
 $R = 818.51'$
 $T = 194.10'$
 $L = 381.15'$
 $E = 22.70'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 11+16.70$
 $P.T. STA. = 14+97.85$

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
NW RAMP
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:
 PLOT DATE: .DATE-TIME.

DATE: .DATE-TIME.
 DATE: .DATE-TIME.
 DATE: .DATE-TIME.
 DATE: .DATE-TIME.

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	70
STA. 2+00		TO STA. 8+00		
CONTRACT NO.: 76815				

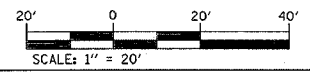
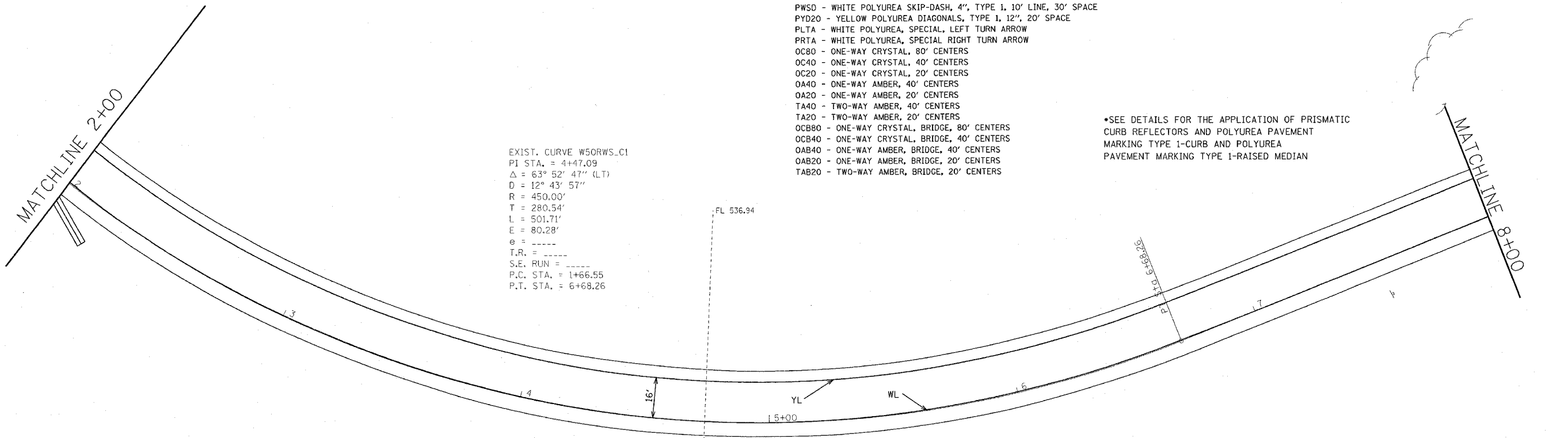
PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NO. FILE		
FILE NAME		

PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12", 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12", 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN

EXIST. CURVE W50RWS.C1
 PI STA. = 4+47.09
 $\Delta = 63^\circ 52' 47''$ (LT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 280.54'$
 $L = 501.71'$
 $E = 80.28'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 1+66.55
 P.T. STA. = 6+68.26



ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
 SW RAMP**

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

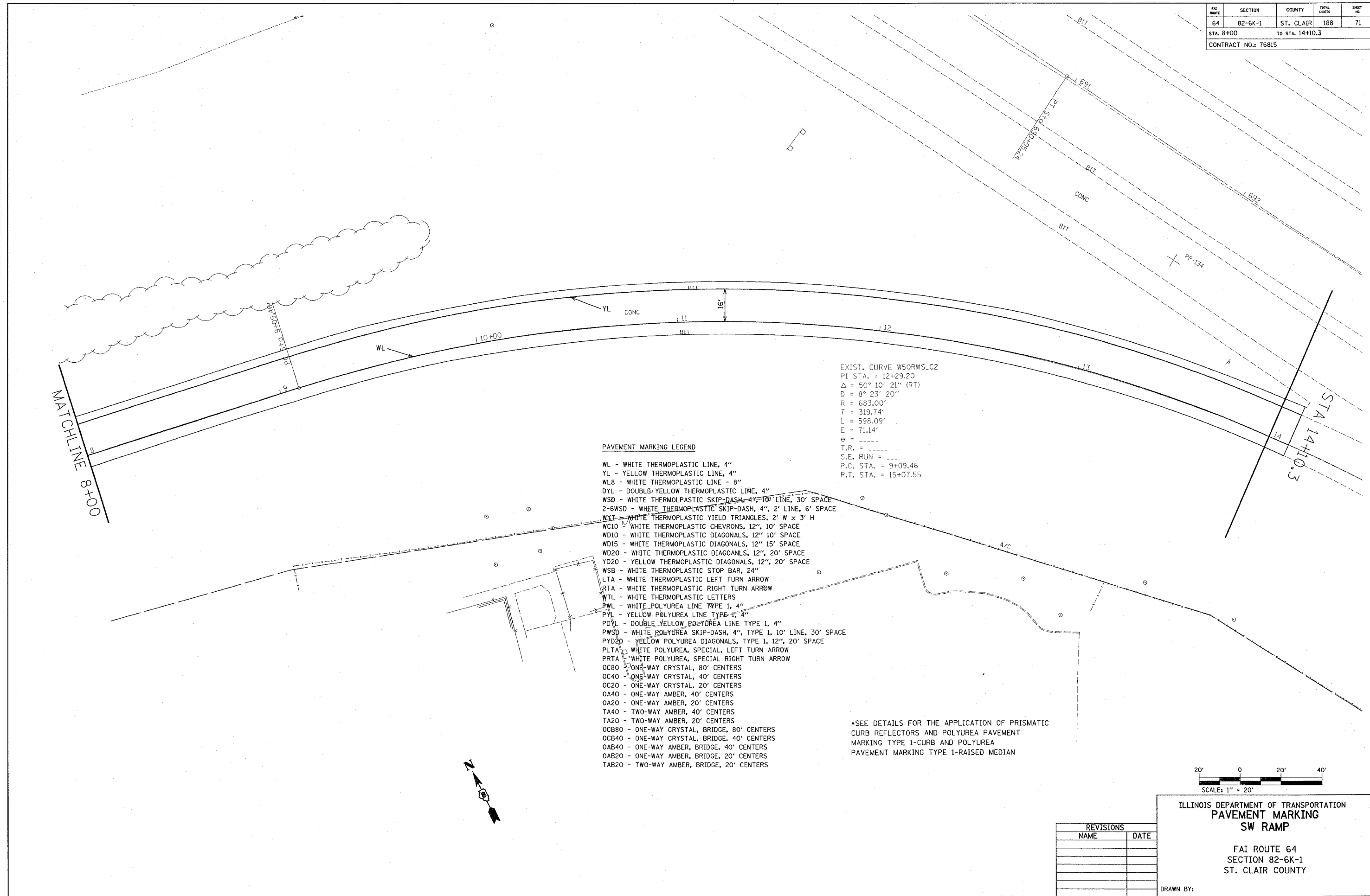
DRAWN BY: _____
 PLOT DATE: _DATE-TIME_

REVISIONS	
NAME	DATE

SCALE
 DATE-TIME
 CON-SPEC
 REF-PLAN
 REF-PLAN
 REF-PLAN

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	71
STA. 8+00		TO STA. 14+10.3		
CONTRACT NO.: 76815				

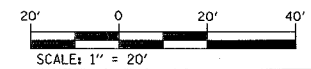
PLAN	DATE
SURVEYED	
NOTE BOOK	
ALIGNED CHECKED	
PLANNED FILE NAME	



PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12", 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12", 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
SW RAMP**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

PLOT DATE: _DATE-TIME_

8/20/15
DATE-TIME
JOB SPEC
REF: 10/11/14/6/25/14

PK ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	72
STA. 2+00		TO STA. 8+00		
CONTRACT NO.: 76815				

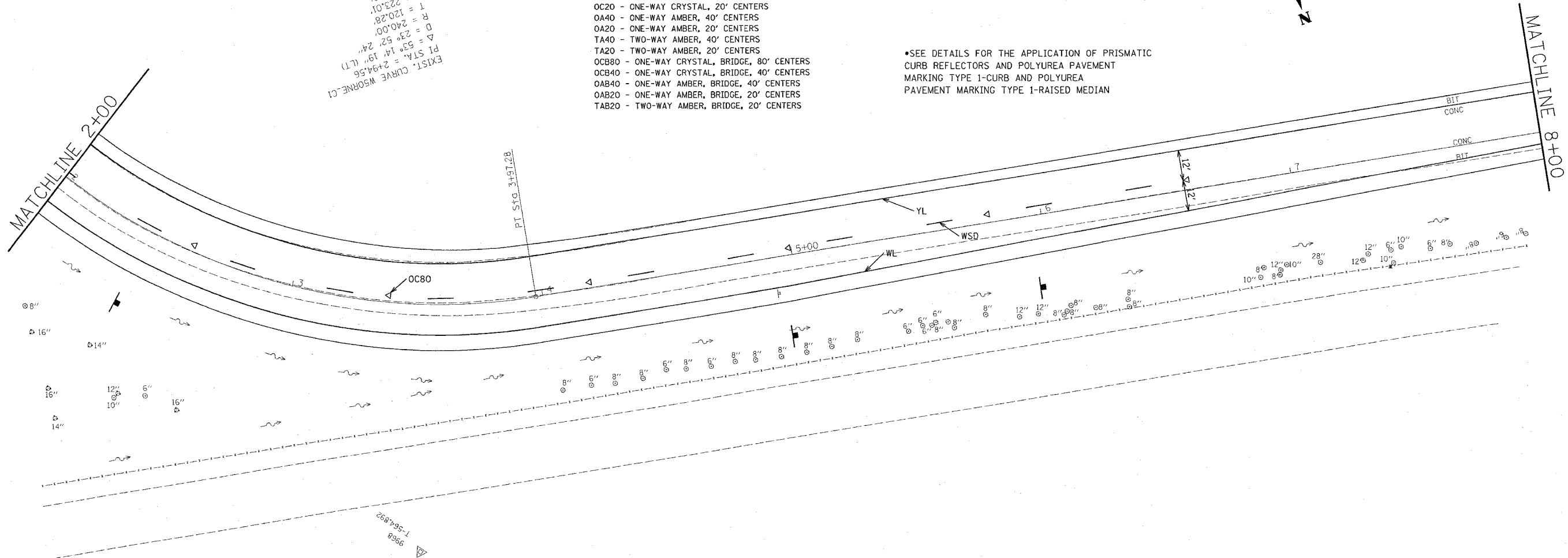
PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12" 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN

EXIST. CURVE W/SPRNG. CI
 PI STA. = 2+94.56
 $\Delta = 53^\circ 14' 19" (L)$
 $D = 23^\circ 52' 24"$
 $R = 240.00'$
 $T = 120.28'$
 $L = 223.01'$
 $E = 28.46'$
 $M = 28.46'$
 T.R. =
 S.E. RUN = 1+74.28
 P.C. STA. = 1+74.28
 P.T. STA. = 3+97.28

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO. _____	PT. OF WAY CHECKED	
	ADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
NE RAMP

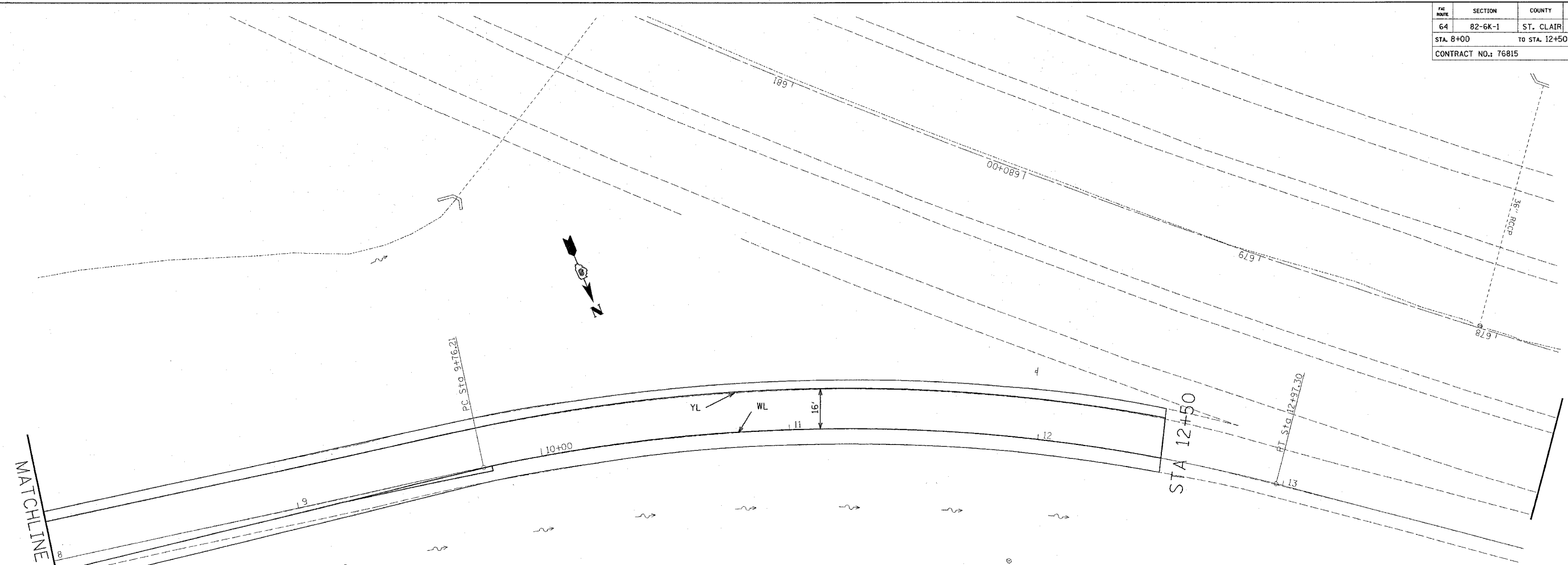
FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY: _____
 PLOT DATE: _____

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 REF: 11/11/07 10:05:04

FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	73
STA. 8+00		TO STA. 12+50		
CONTRACT NO.: 76815				

PLAN	DATE
SCHEMATIC	
PLANNING	
DESIGN	
CONSTRUCTION	
AS-BUILT	
REVISIONS	
NO.	DATE

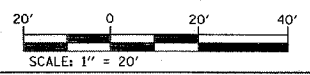


PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WLB - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-GWSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12" 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12" 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12" 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

EXIST. CURVE WSORNE.C2
 PI STA. = 11+39.72
 $\Delta = 26^\circ 39' 43''$ (RT)
 $D = 8^\circ 18' 13''$
 $R = 690.00'$
 $T = 163.50'$
 $L = 321.09'$
 $E = 19.11'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 9+76.21
 P.T. STA. = 12+97.30

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



**ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING
 NE RAMP**

FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

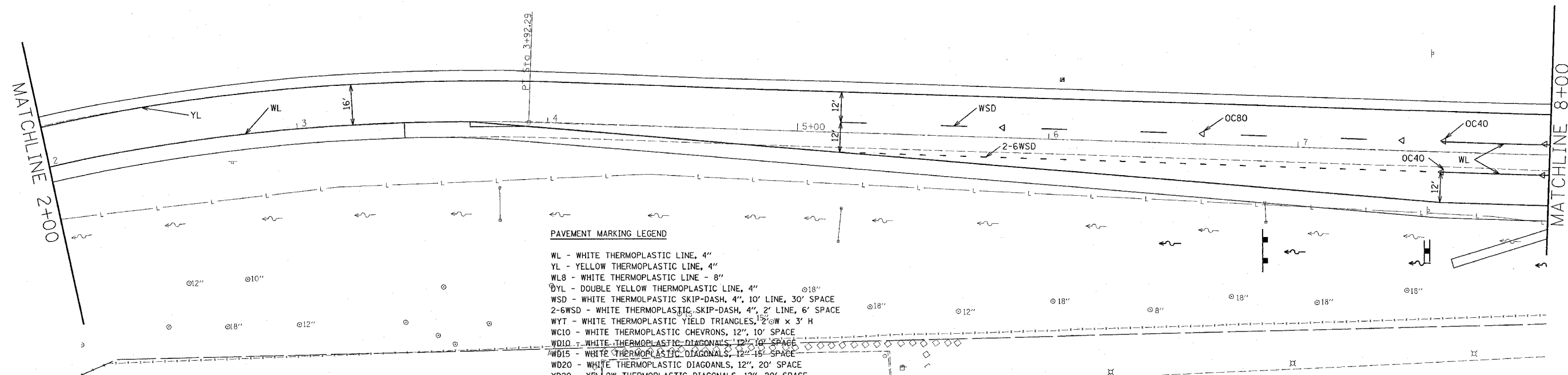
DRAWN BY:

PLOT DATE: DATE-TIME

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

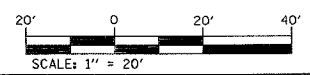
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	75
STA. 2+00 TO STA. 8+00			CONTRACT NO.: 76815	

PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK NO. _____	PAID FILE NAME _____	



- PAVEMENT MARKING LEGEND**
- WL - WHITE THERMOPLASTIC LINE, 4"
 - YL - YELLOW THERMOPLASTIC LINE, 4"
 - WL8 - WHITE THERMOPLASTIC LINE - 8"
 - ØYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
 - WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
 - 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
 - WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 12" Ø W x 3' H
 - WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
 - WD10 - WHITE THERMOPLASTIC DIAGONALS, 12", 10' SPACE
 - WD15 - WHITE THERMOPLASTIC DIAGONALS, 12", 15' SPACE
 - WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
 - YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
 - WSB - WHITE THERMOPLASTIC STOP BAR, 24"
 - LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
 - RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
 - WTL - WHITE THERMOPLASTIC LETTERS
 - PWL - WHITE POLYUREA LINE TYPE 1, 4"
 - PYL - YELLOW POLYUREA LINE TYPE 1, 4"
 - PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
 - PWSD - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
 - PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
 - PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
 - PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
 - OC80 - ONE-WAY CRYSTAL, 80' CENTERS
 - OC40 - ONE-WAY CRYSTAL, 40' CENTERS
 - OC20 - ONE-WAY CRYSTAL, 20' CENTERS
 - OA40 - ONE-WAY AMBER, 40' CENTERS
 - OA20 - ONE-WAY AMBER, 20' CENTERS
 - TA40 - TWO-WAY AMBER, 40' CENTERS
 - TA20 - TWO-WAY AMBER, 20' CENTERS
 - OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
 - OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
 - OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
 - OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
 - TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIAN



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
SE RAMP

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

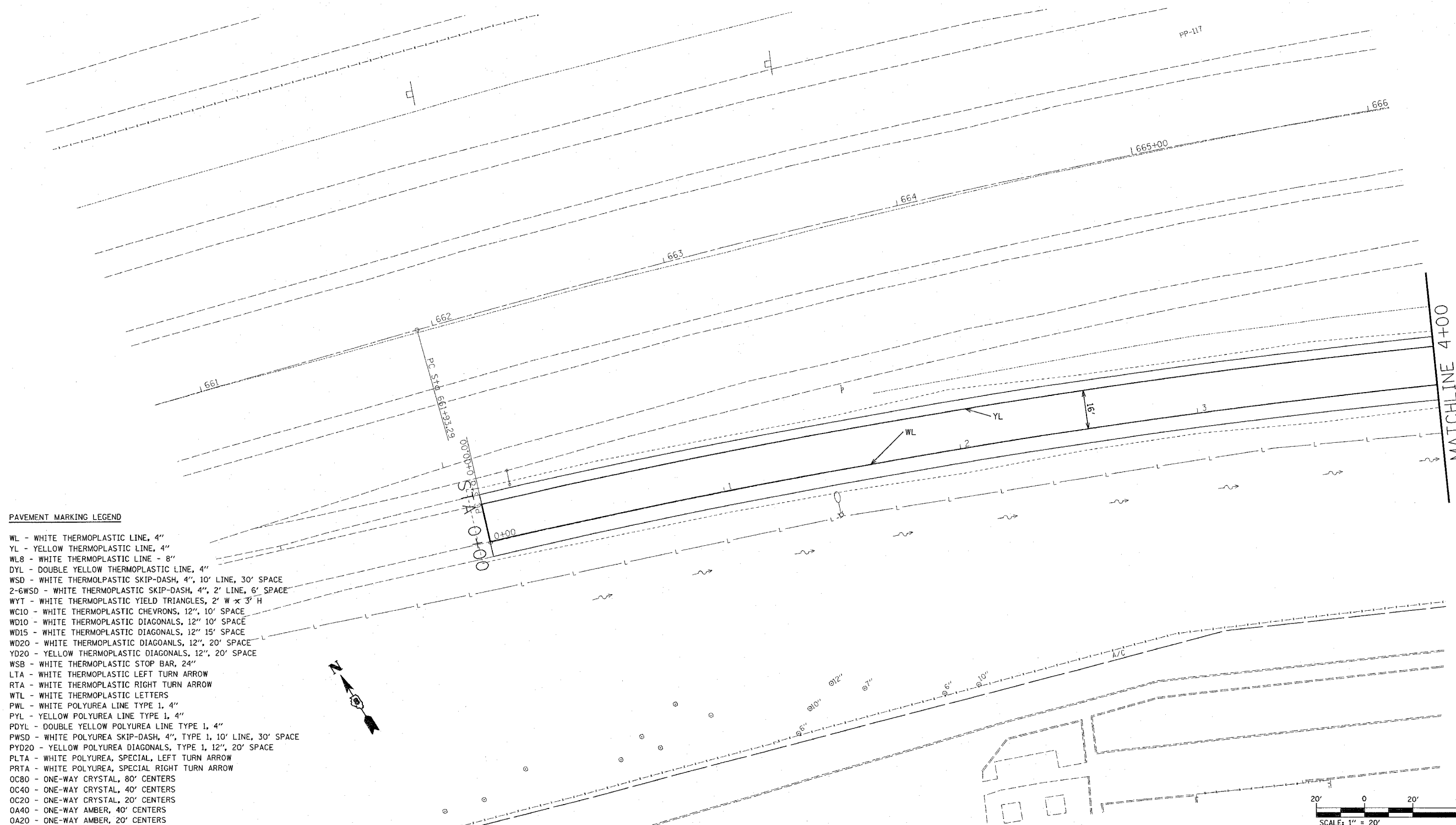
DRAWN BY: _____

PLOT DATE: DATE-TIME

DATE: 11/15/00
DRAWN BY: J. J. BROWN
CHECKED BY: J. J. BROWN
REF: 11/15/00 06:59:44
REF: 11/15/00 11:08:59

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	76
STA. 0+00		TO STA. 4+00		
CONTRACT NO.: 76815				

PLAN	DATE
BY	
CHECKED	
ALIGNED	
FIELD FILE NAME	



PAVEMENT MARKING LEGEND

- WL - WHITE THERMOPLASTIC LINE, 4"
- YL - YELLOW THERMOPLASTIC LINE, 4"
- WL8 - WHITE THERMOPLASTIC LINE - 8"
- DYL - DOUBLE YELLOW THERMOPLASTIC LINE, 4"
- WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 10' LINE, 30' SPACE
- 2-6WSD - WHITE THERMOPLASTIC SKIP-DASH, 4", 2' LINE, 6' SPACE
- WYT - WHITE THERMOPLASTIC YIELD TRIANGLES, 2' W x 3' H
- WC10 - WHITE THERMOPLASTIC CHEVRONS, 12", 10' SPACE
- WD10 - WHITE THERMOPLASTIC DIAGONALS, 12" 10' SPACE
- WD15 - WHITE THERMOPLASTIC DIAGONALS, 12" 15' SPACE
- WD20 - WHITE THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- YD20 - YELLOW THERMOPLASTIC DIAGONALS, 12", 20' SPACE
- WSB - WHITE THERMOPLASTIC STOP BAR, 24"
- LTA - WHITE THERMOPLASTIC LEFT TURN ARROW
- RTA - WHITE THERMOPLASTIC RIGHT TURN ARROW
- WTL - WHITE THERMOPLASTIC LETTERS
- PWL - WHITE POLYUREA LINE TYPE 1, 4"
- PYL - YELLOW POLYUREA LINE TYPE 1, 4"
- PDYL - DOUBLE YELLOW POLYUREA LINE TYPE 1, 4"
- PWS0 - WHITE POLYUREA SKIP-DASH, 4", TYPE 1, 10' LINE, 30' SPACE
- PYD20 - YELLOW POLYUREA DIAGONALS, TYPE 1, 12", 20' SPACE
- PLTA - WHITE POLYUREA, SPECIAL, LEFT TURN ARROW
- PRTA - WHITE POLYUREA, SPECIAL, RIGHT TURN ARROW
- OC80 - ONE-WAY CRYSTAL, 80' CENTERS
- OC40 - ONE-WAY CRYSTAL, 40' CENTERS
- OC20 - ONE-WAY CRYSTAL, 20' CENTERS
- OA40 - ONE-WAY AMBER, 40' CENTERS
- OA20 - ONE-WAY AMBER, 20' CENTERS
- TA40 - TWO-WAY AMBER, 40' CENTERS
- TA20 - TWO-WAY AMBER, 20' CENTERS
- OCB80 - ONE-WAY CRYSTAL, BRIDGE, 80' CENTERS
- OCB40 - ONE-WAY CRYSTAL, BRIDGE, 40' CENTERS
- OAB40 - ONE-WAY AMBER, BRIDGE, 40' CENTERS
- OAB20 - ONE-WAY AMBER, BRIDGE, 20' CENTERS
- TAB20 - TWO-WAY AMBER, BRIDGE, 20' CENTERS

*SEE DETAILS FOR THE APPLICATION OF PRISMATIC CURB REFLECTORS AND POLYUREA PAVEMENT MARKING TYPE 1-CURB AND POLYUREA PAVEMENT MARKING TYPE 1-RAISED MEDIUM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
NW RAMP

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY: _____
PLOT DATE: _DATE-TIME_

DATE: _____
TIME: _____
BY: _____
CHECKED: _____
ALIGNED: _____
FIELD FILE NAME: _____

SCHEDULE OF QUANTITIES

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-I	ST. CLAIR	188	78
STA. _____		TO STA. _____		
CONTRACT NO.: 18155 76215				

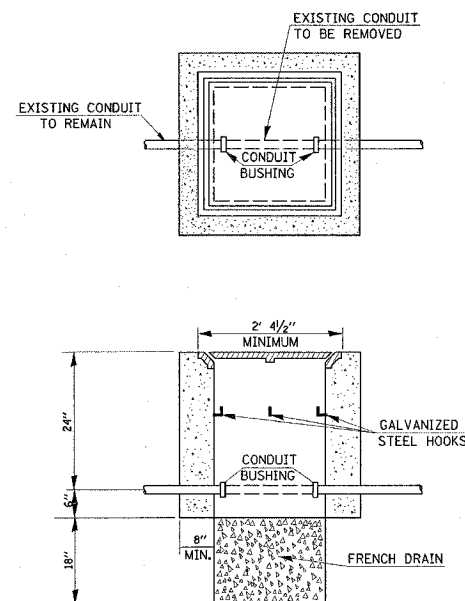
SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		HARTMAN LANE	NW/SW I-64 RAMPS	NE/SE I-64 RAMPS	LIGHTING
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1	0.2	0.4	0.4	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1725	266	1230	26	203
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	6270	2062	1120	3088	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
89502380	REMOVE EXISTING HANDHOLE	EACH	8	1	5	2	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1		
X4402810	ISLAND SURFACE REMOVAL AND REPLACEMENT	SQ FT	538		538		
X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	4				4
X8801300	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7		4	3	
X8801310	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4		3	1	
X8801400	SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1		1		
X8801415	SIGNAL HEAD ,POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1	

SDATES
7/1/2005
REF: \\p001\p001\p001\p001\p001\p001.dgn

Rev.

TRAFFIC SIGNAL GENERAL NOTES

- ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- CALL CARRY-OVER SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE BACK MOUNTED.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(b)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- REFER TO GENERAL NOTES FOR USE OF J.U.L.I.E. AND NON-J.U.L.I.E. MEMBERS.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- THE DEPTH OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLE FOR NW QUADRANT OF THE NW/SW I-64 RAMPS IS 13'-6" DEEP.
- ABANDON EXISTING CONDUIT AND CABLES IN PLACE, AS SHOWN ON THE PLAN.



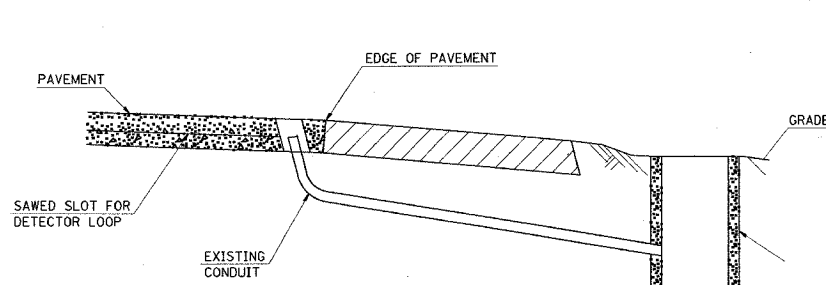
DETAIL F
HANDHOLE TO INTERCEPT EXISTING CONDUIT*
* NOT A PAY ITEM

NOTES:

- REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.
- THE CONTRACTOR SHALL BE PAID TO LOCATE THE CONDUIT UNDER OTHER PROVISIONS OF THIS CONTRACT. SEE LOCATING UNDERGROUND CABLE IN THE STANDARD SPECIFICATIONS.

TRAFFIC SIGNALS LEGEND

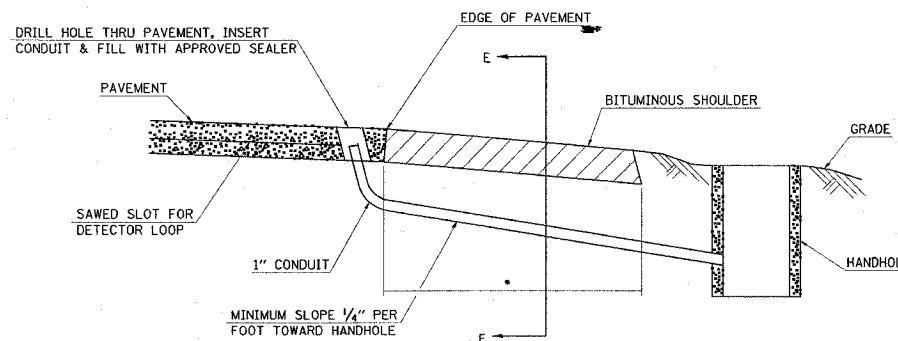
- | | |
|------|--|
| GSC | GALVANIZED STEEL CONDUIT |
| PVCC | POLYVINYL CHLORIDE CONDUIT |
| REC | REMOVE ELECTRIC CABLE FROM CONDUIT |
| RREC | REMOVE AND RE-INSTALL ELECTRIC CABLE FROM CONDUIT |
| | EXISTING PRIORITY 1 GPS PREEMPTION UNIT |
| | EXISTING SIGNAL POST |
| | EXISTING TRAFFIC SIGNAL MAST ARM |
| | EXISTING HANDHOLE |
| | EXISTING DOUBLE HANDHOLE |
| | EXISTING DETECTOR LOOP |
| | EXISTING CONTROLLER |
| | EXISTING STREET NAME SIGN/TRAFFIC SIGN |
| | EXISTING GALVANIZED STEEL CONDUIT |
| | PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED |
| | PROPOSED HANDHOLE |
| | PROPOSED DOUBLE HANDHOLE |
| | PROPOSED DETECTOR LOOP |
| | PROPOSED CONTROLLER |
| | PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED |
| | PROPOSED STREET NAME SIGN/TRAFFIC SIGN |
| | PROPOSED SIGNAL POST |



DETAIL E
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

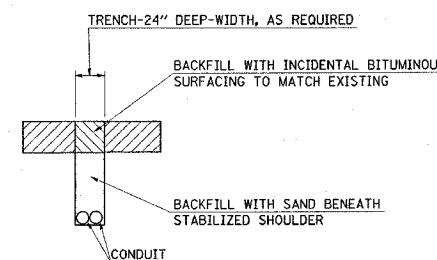
- DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- REMOVE EXISTING CABLE TO HANDHOLE.
- INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP, TYPE 1"



* LIMITS OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)"

DETAIL G
TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)
(NO SCALE)



SEC. E-E

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS, LEGEND AND
ELECTRICAL GENERAL NOTES


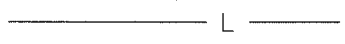
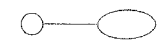



FAI 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 7/1/2005

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	85
STA. _____		TO STA. _____		
CONTRACT NO.: 76790 76815				

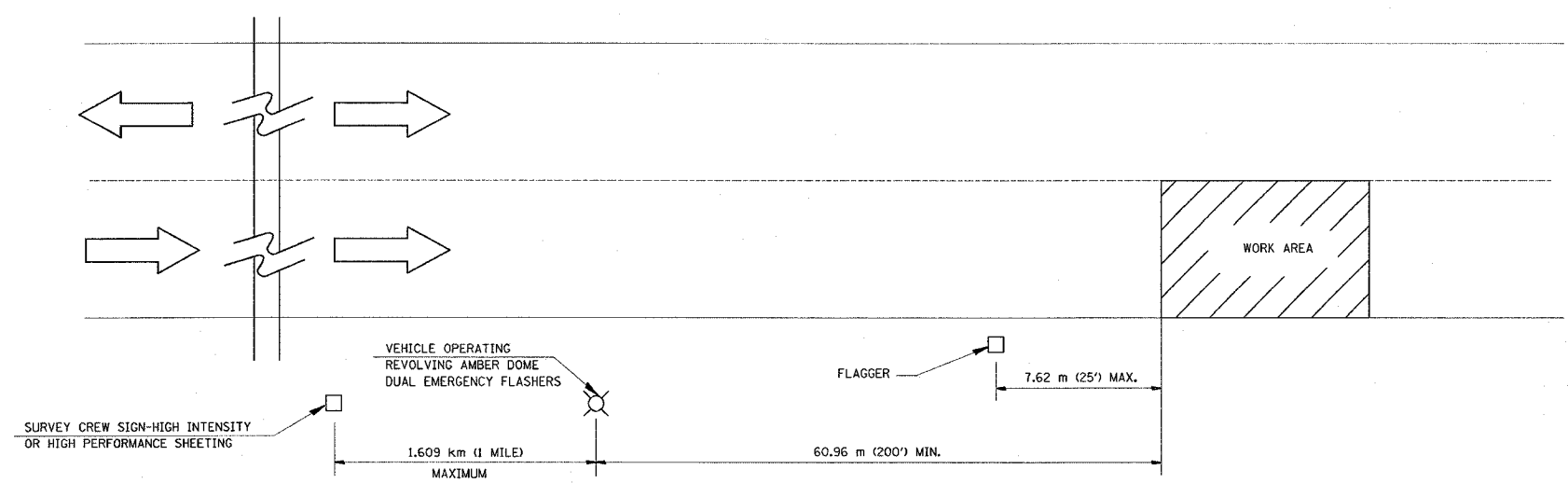
LIGHTING LEGEND

-  82-(4-7)-1R UNIT DUCT (UNDER CONTRACT)
-  82-6K-1 UNIT DUCT (PROPOSED)
-  82-(4-7)-1R LIGHT POLE (UNDER CONTRACT)
-  82-6K-1 LIGHT POLE (PROPOSED)
-  UNIT DUCT, 2*10XLP, 1*10 XLP GROUND 3/4" POLYETHYLENE
-  UNIT DUCT, 2*2XLP, 1*2 XLP GROUND 1/4" POLYETHYLENE

LIGHTING GENERAL NOTES

1. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT J-BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LEVELING NUTS SHALL BE INSTALLED FOR PLUMBING THE POLES. ALL POLES SHALL BE ERECTED PLUMB.
3. THE COST OF NUTS AND WASHERS REQUIRED FOR MOUNTING LIGHT POLES ON NEW CONCRETE FOUNDATIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR LIGHT POLES.
4. A SURGE PROTECTOR, FUSE BLOCK AND FUSES SHALL BE INSTALLED IN EACH LIGHT POLE AND SHALL BE WIRED AS SHOWN IN THE WIRING DIAGRAM.
5. NEW LIGHT POLE FOUNDATIONS SHALL BE SETBACK FROM THE ROADWAY SO THAT THERE IS 20' BETWEEN THE EDGE OF PAVEMENT AND THE NEAR FACE OF THE ASSOCIATED LIGHT POLE TRANSFORMER BASE.
6. ALL LIGHT POLE FOUNDATIONS TO BE CONSTRUCTED BY THIS CONTRACT SHALL BE CONCRETE.
7. BURIED UTILITY LOCATIONS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE ONLY. THE UTILITY OWNERS SHALL BE CONTACTED AND LOCATION ASSISTANCE REQUESTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ~~8. SIGN LUMINAIRES SHALL BE FACTORY PAINTED GREY.~~
- ~~9. CONDUITS TO BE MOUNTED ON ALUMINUM OR STEEL SIGN TRUSSES SHALL BE ALUMINUM.~~
10. ABANDON UNIT DUCTS AND CABLES AS SHOWN ON THE PLANS.
11. TRENCHED UNIT DUCT RUNS SHALL BE IN A STRAIGHT LINE BETWEEN TERMINAL POINTS WHERE FEASIBLE. TO PREVENT EROSION OF EMBANKMENTS INVOLVING HIGH FILLS AND STEEP SIDE SLOPES, THE CONTRACTOR SHALL NOT TRENCH DIRECTLY FROM POLE TO POLE, RATHER, AS DIRECTED BY THE ENGINEER, THE TRENCH SHALL EXTEND FROM THE POLE STRAIGHT DOWN THE SIDE SLOPE RUN ALONG THE TOE OF THE SLOPE, AND THEN STRAIGHT UP THE SIDE SLOPE TO THE NEXT POLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SPLICING THE CABLE. IN THIS CASE SPLICES BELOW GRADE WILL BE PERMITTED.
12. THE CONTRACTOR SHALL BE PAID TO LOCATE APPLICABLE CABLE RUNS OF THE EXISTING LIGHTING SYSTEM THAT WILL REMAIN IN SERVICE DURING AND UPON THE COMPLETION OF THIS PROJECT. THE CONTRACTOR SHALL NOT LOCATE ANY CABLE RUNS THAT ARE TO BE ABANDONED UPON THE COMPLETION OF THIS PROJECT. IN THE EVENT THE CONTRACTOR DISRUPTS A CABLE THAT IS TO BE ABANDONED BUT IS CURRENTLY SERVICING AN EXISTING LUMINAIRE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SPLICING THE CABLE. IN THIS CASE SPLICES BELOW GRADE WILL BE PERMITTED.
13. ALL NEW UNIT DUCT AND UNDERGROUND CONDUIT SHALL BE PLACED A MINIMUM OF 2'-6" BELOW THE FLOWLINE OF EXISTING DITCHES AND A MINIMUM OF 2'-0" BENEATH THE GROUND SURFACE AT OTHER LOCATIONS.
14. NEW UNIT DUCT SHALL NOT BE INSTALLED LESS THAN 20' FROM THE EDGE OF PAVEMENT.
15. ALL UNIT DUCT SHALL BE REMOVED FROM EXISTING CONDUIT UNDER PAVEMENT WHERE CONDUIT IS TO BE REUSED.
16. REFER TO GENERAL NOTES FOR USE OF "J.U.L.I.E." AND "NON-J.U.L.I.E." MEMBERS.

PLAN	DATE
NO. _____	_____
BY _____	_____
CHECKED _____	_____
DATE _____	_____



NOT TO SCALE

NIGHTTIME TRAFFIC CONTROL

FLAGGER SHALL BE EQUIPPED WITH AND REQUIRED TO USE A HIGH INTENSITY, OR HIGH PERFORMANCE "STOP-SLOW" TRAFFIC CONTROL PADDLE. FLAGGER AND LIGHTING INSPECTOR SHALL BE REQUIRED TO WEAR A HIGH VISIBILITY, REFLECTIVE ORANGE VEST AND EITHER A HARD HAT OR ORANGE CAP.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**LIGHTING GENERAL NOTES
AND
NIGHTTIME TRAFFIC CONTROL**

FAI 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DRAWN BY: _____

Rev. _____

PLOT DATE: 7/1/2005

84042688
7/1/2005
c:\projects\826596\electr\826596\826596.dgn
REF

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
FAI 64	82-6K-1	ST. CLAIR	188	88	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

GENERAL NOTES

Contract # 76815

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WIND LOADING: 30 p.s.f. normal to Sign Panel Area and truss elements not behind sign Loading Diagram.

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
 $f_c = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i. or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to AASHTO M314 Gr. 36 or 55 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F.

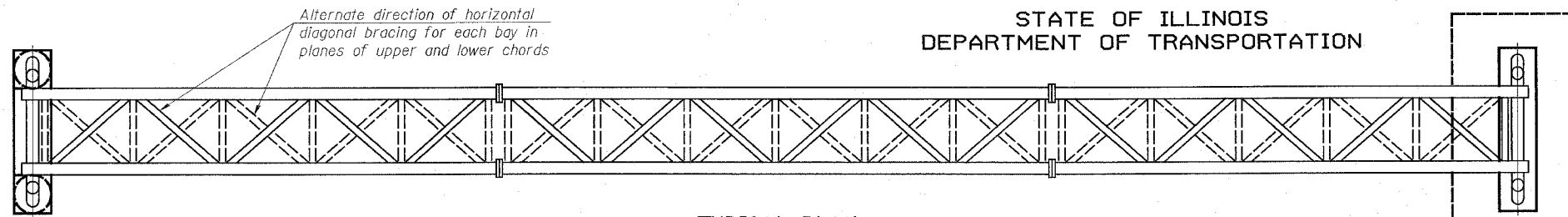
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

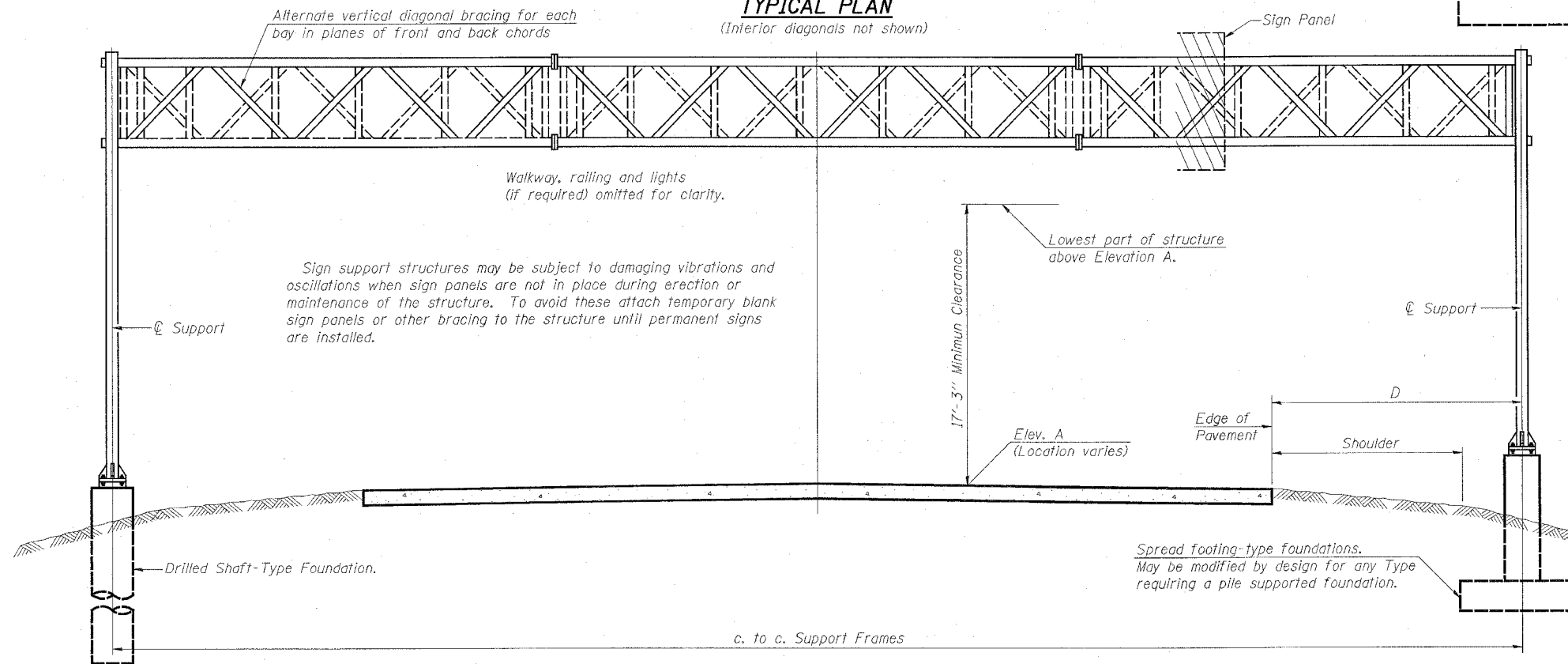
* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

**OVERHEAD SIGN STRUCTURES
GENERAL PLAN & ELEVATION
ALUMINUM TRUSS & STEEL SUPPORTS**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY



TYPICAL PLAN
(Interior diagonals not shown)

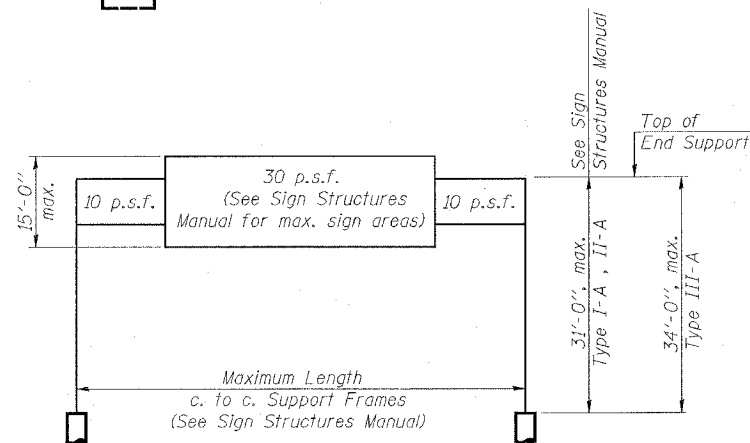


TYPICAL ELEVATION
(Looking at Face of Signs)**

Elev. A = Elevation of point of minimum clearance to sign, walkway support or truss.

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
8S0821064R014.1	13+50	II A	107'	552.17	31.5' LT 27.5' RT	11'-6"	398 SF

**Looking upstation for structures with signs both sides.



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE TYPE I-A (4'-0" x 4'-6")	Foot	107
OVERHEAD SIGN STRUCTURE TYPE II-A (4'-6" x 5'-3")	Foot	48
OVERHEAD SIGN STRUCTURE TYPE III-A (5'-0" x 7'-0")	Foot	48
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	48
CONCRETE FOUNDATIONS	Cu. Yds.	12.6
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	12.6

NUMBER	REVISION	DATE

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

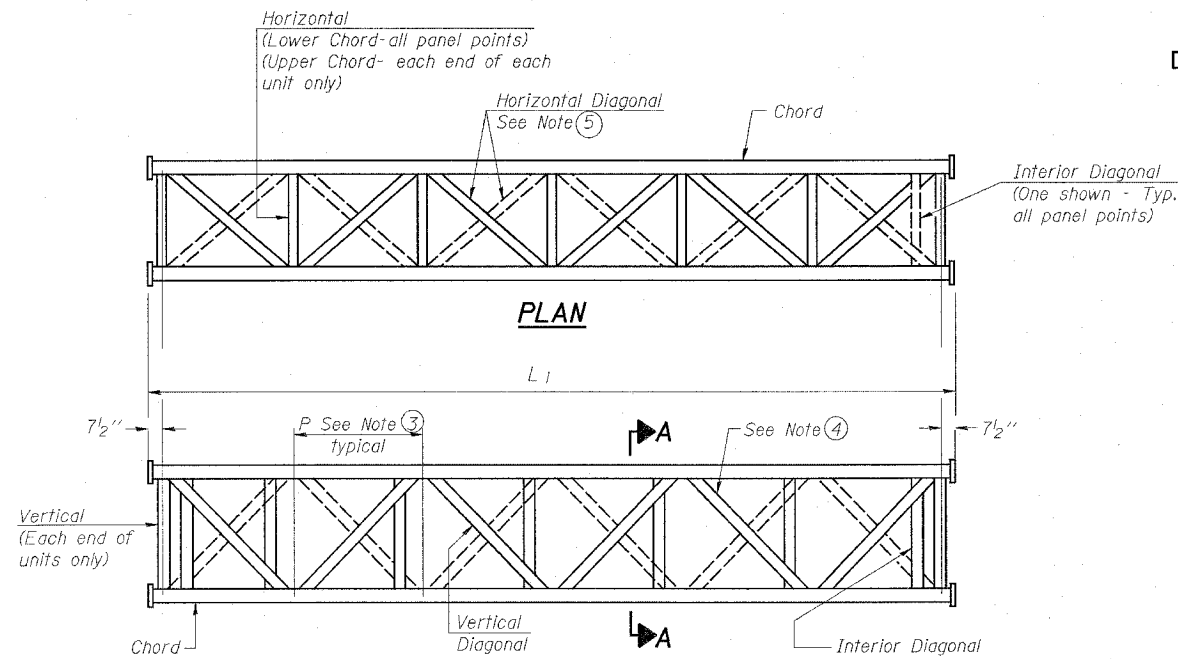
OS-A-1

1-7-05

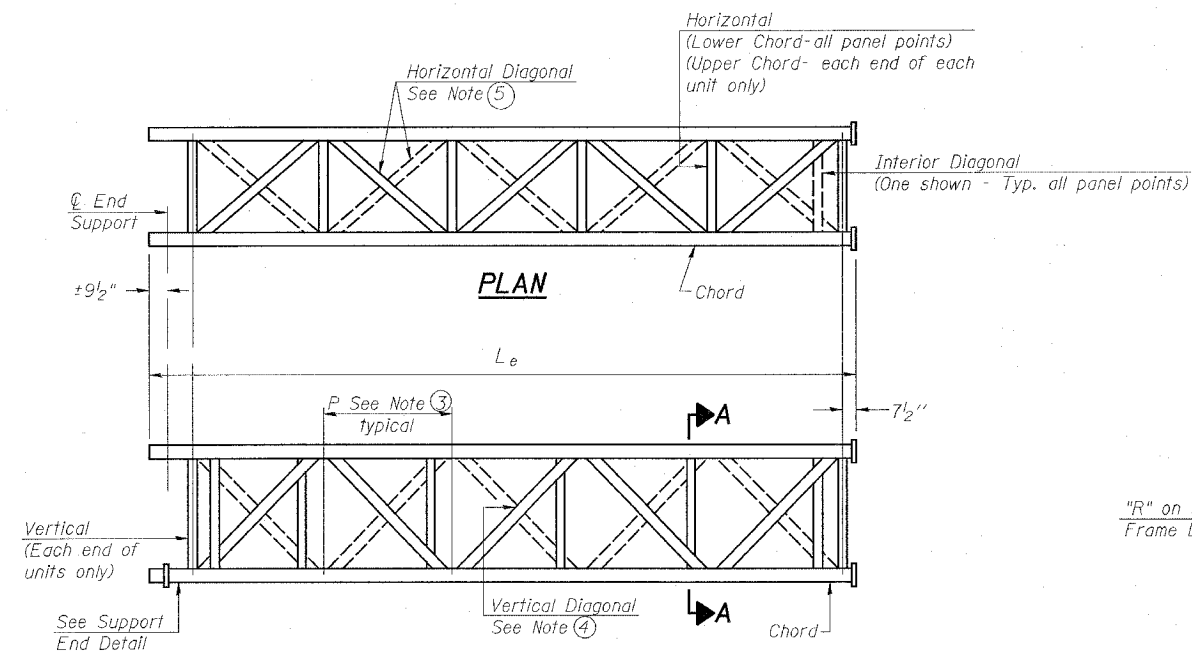
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.	SHEET NO. 2
FAI 64	82-6K-1	ST. CLAIR	188	89	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

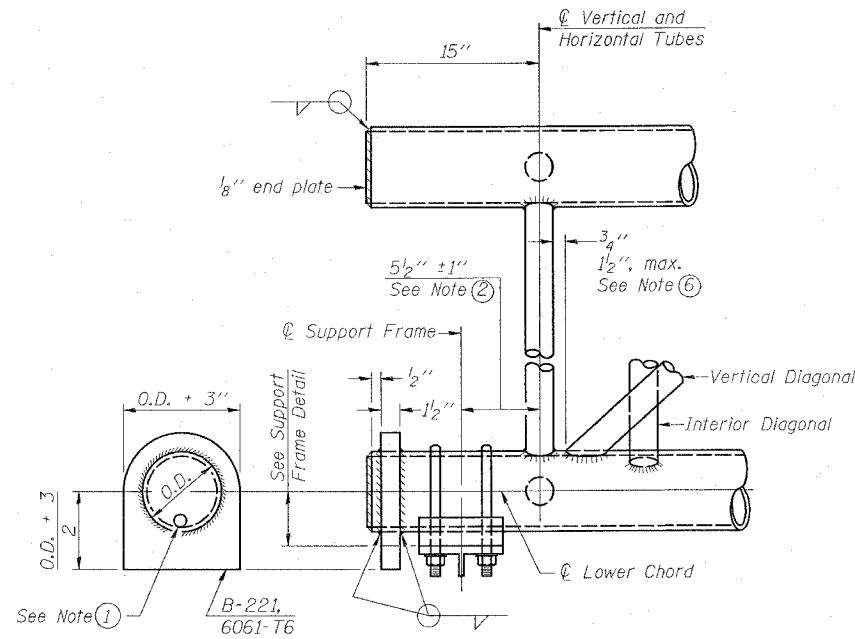
Contract # 76815



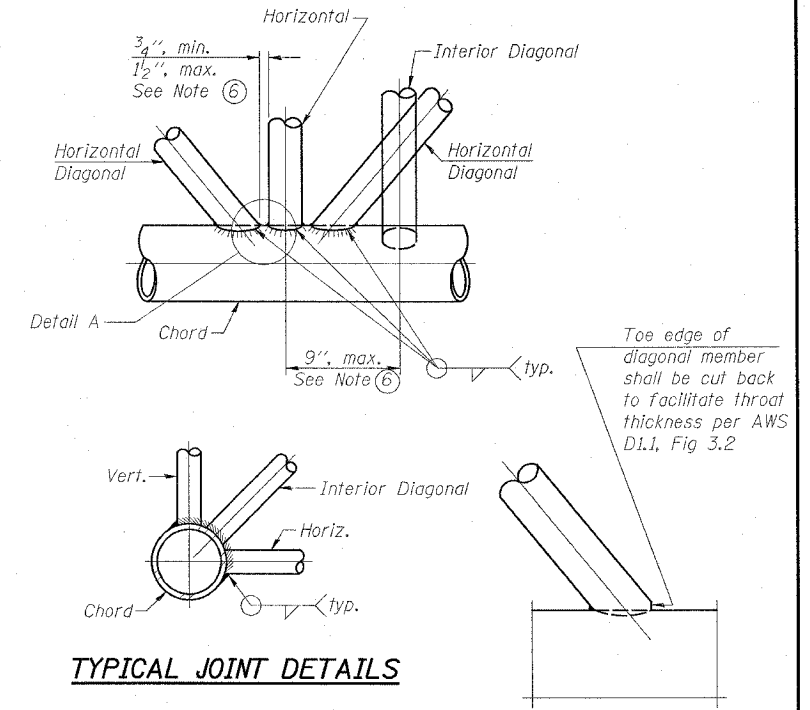
**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.



**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.



SUPPORT END DETAIL FOR EXTERIOR UNIT

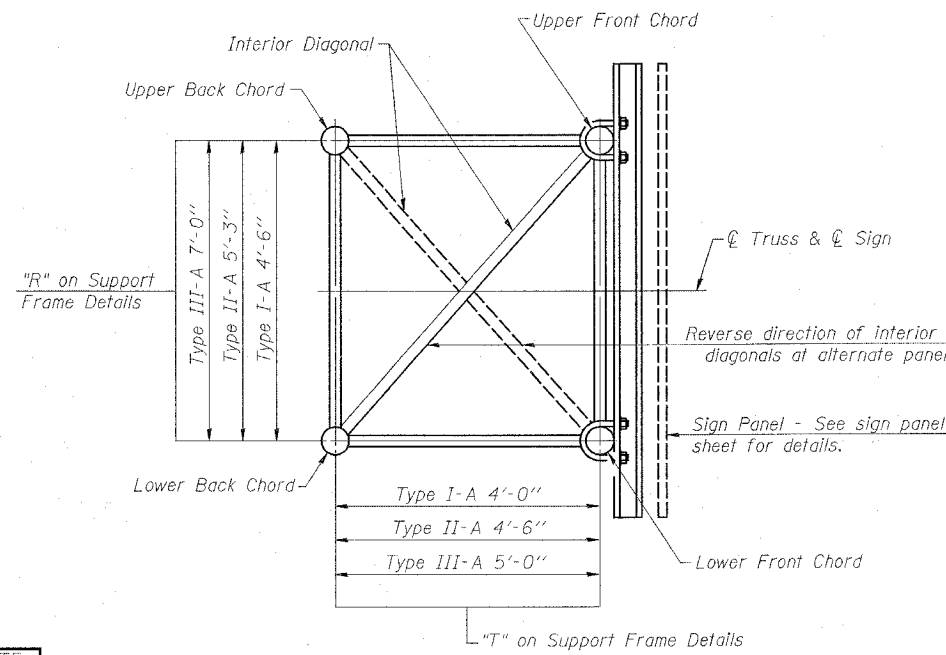


TYPICAL JOINT DETAILS

DETAIL A

NOTES

- Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- Vertical Diagonals in front and back face shall alternate.
- Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.



SECTION A-A

**OVERHEAD SIGN STRUCTURES
ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A and III-A**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DESIGNED	
CHECKED	
DRAWN	
CHECKED	

EXAMINED	200
PASSED	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

OS-A-2

1-7-05

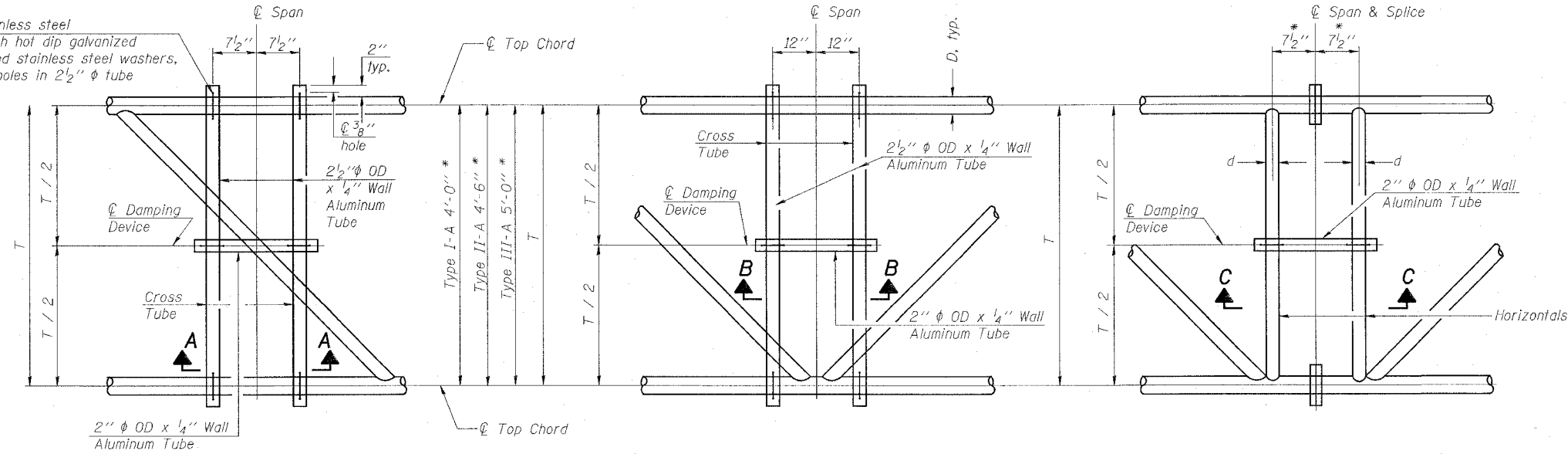
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
FAI 64	82-6K-1	ST. CLAIR	188	91	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 76815

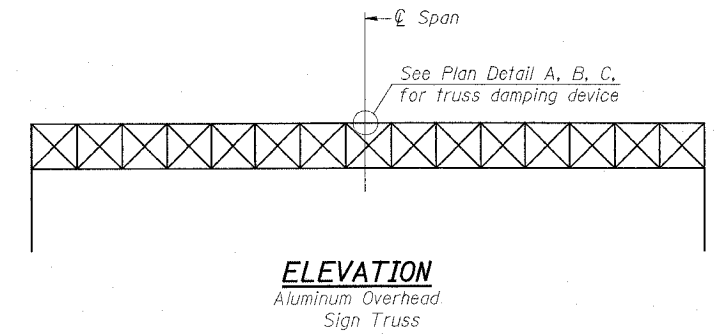
$\frac{5}{16}$ " ϕ stainless steel U-bolt with hot dip galvanized locknuts and stainless steel washers, typ. $\frac{3}{8}$ " ϕ holes in $2\frac{1}{2}$ " ϕ tube



PLAN DETAIL "A"
Span between Panel Points

PLAN DETAIL "B"
Span at Panel Point

PLAN DETAIL "C"
Span at Chord Splice

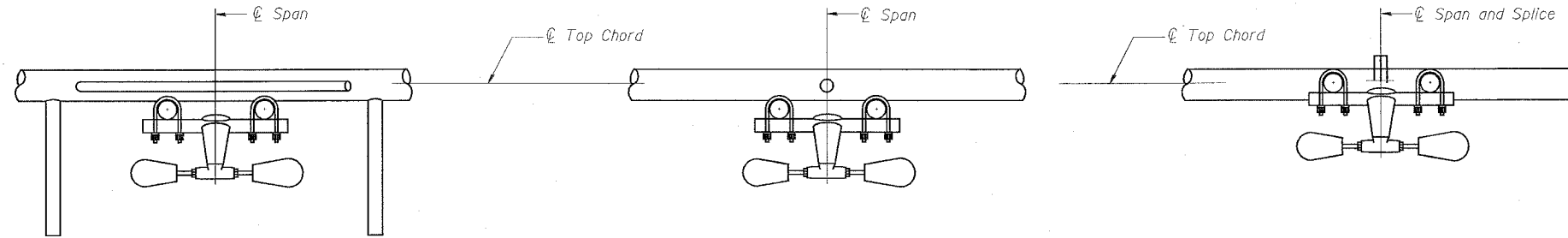


ELEVATION
Aluminum Overhead Sign Truss

NOTES

Damper: One damper per truss.
(31 lbs. Stockbridge-Type Aluminum)
Cost included in Overhead Sign Structure...

Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...

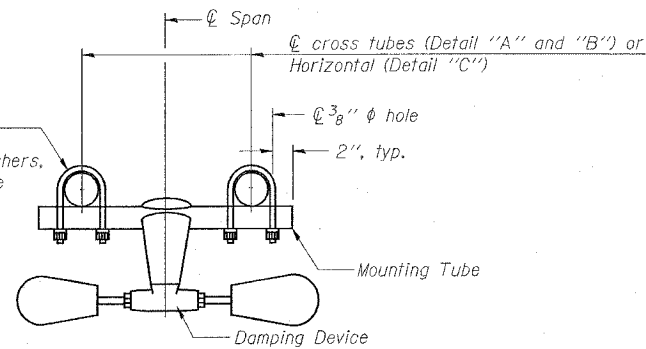


SECTION A-A

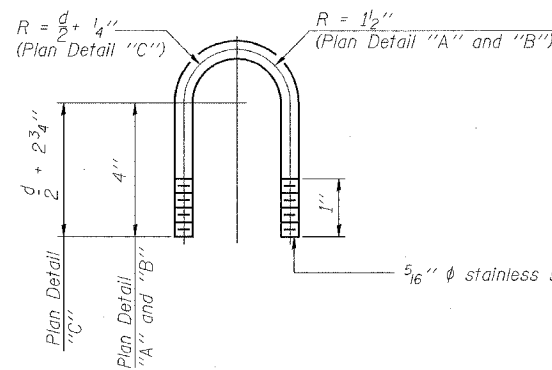
SECTION B-B

SECTION C-C

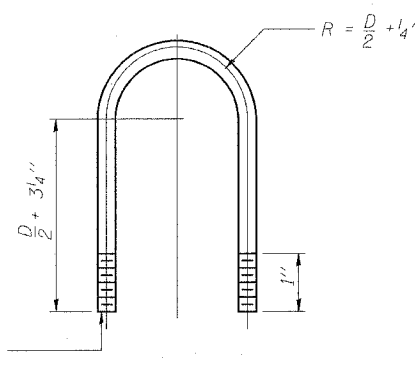
$\frac{5}{16}$ " ϕ stainless steel U-bolt with hot dip galvanized locknuts and stainless steel washers, typ. $\frac{3}{8}$ " ϕ holes in mounting tube



TRUSS DAMPING DEVICE CONNECTION DETAIL
(Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical - Detail "A" and "B")

DESIGNED	200
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

OS-A-D

1-7-05

OVERHEAD SIGN STRUCTURE DAMPING DEVICE

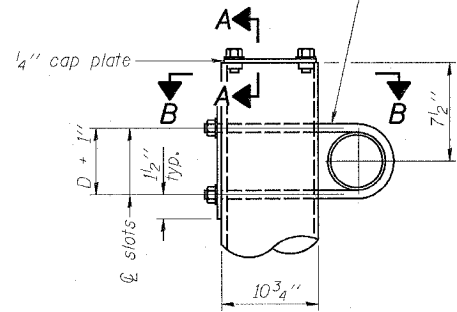
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

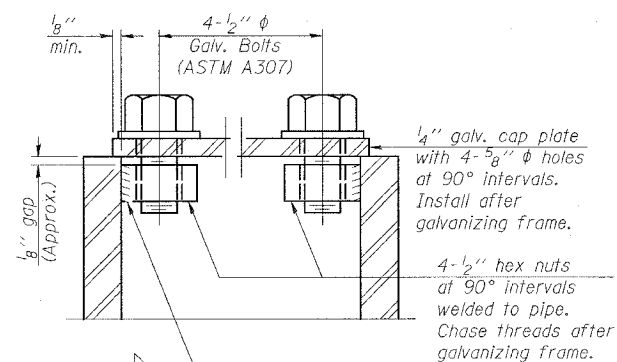
ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAI 64	82-6K-1	ST. CLAIR	188	92
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 76815

3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 5/16" x 2" slots on 10" φ pipe.
(4 slots required per pipe)

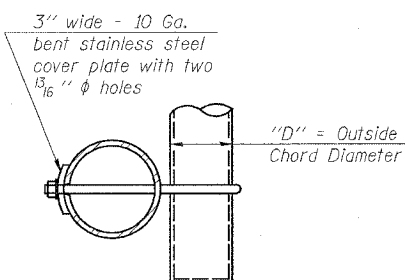


DETAIL A

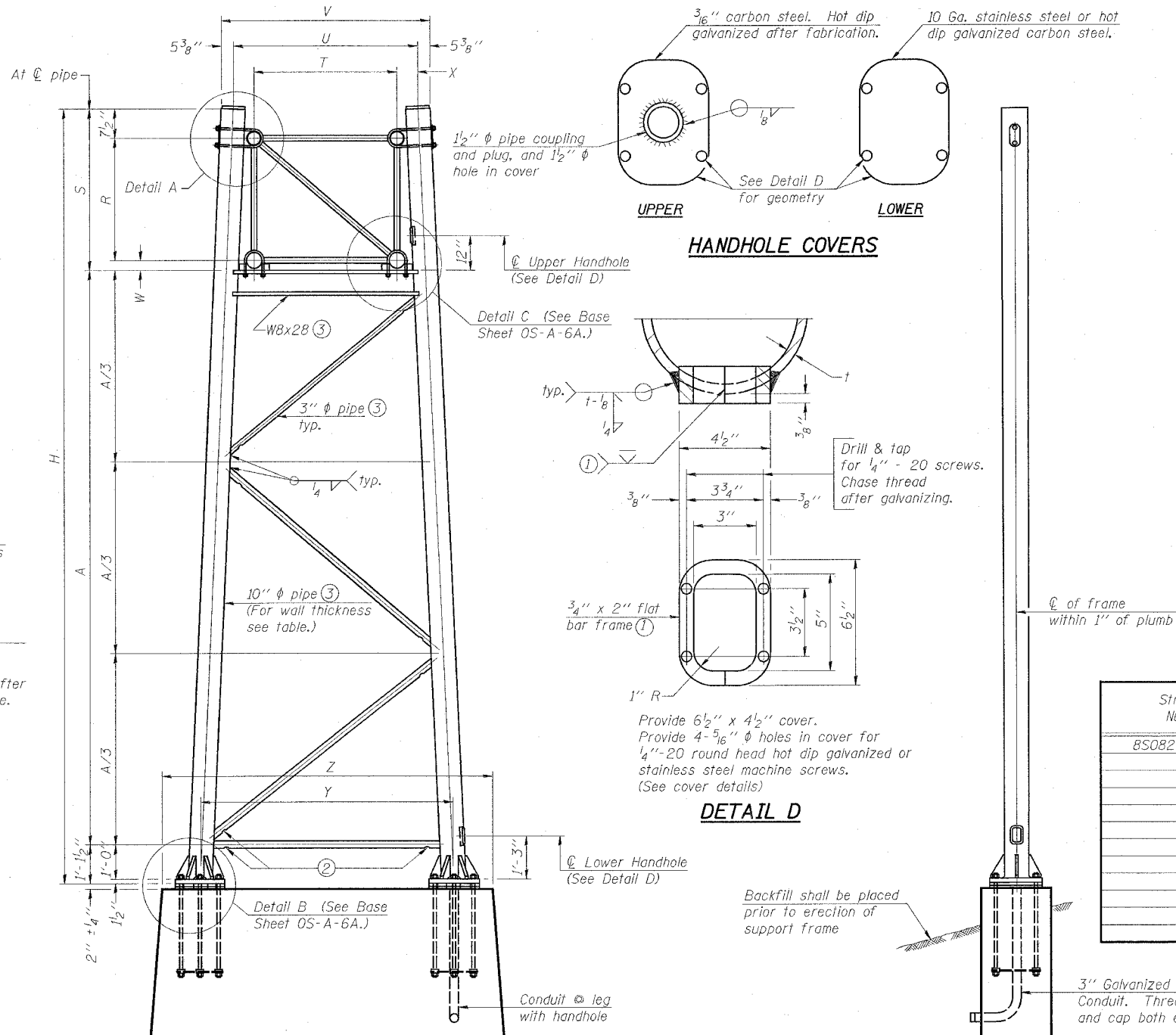


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

SIDE ELEVATION

END ELEVATION

10" φ PIPE TRUSS SUPPORT FRAME

DESIGNED	200
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

OS-A-6

1-7-05

NUMBER	REVISION	DATE

Truss Type	Dimensions									
	R	S	T	U	V	W	X	Y	Z	
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"	10'-9"	
II-A (5)	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"	10'-9"	

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
Load combinations checked include deadload plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 min or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H	A
		Left	Right				
BS0821064R014.1	13+50	X		II A	0.365	30'	22'-7 1/4"
	13+50		X	II A	0.365	30'	22'-7 1/4"

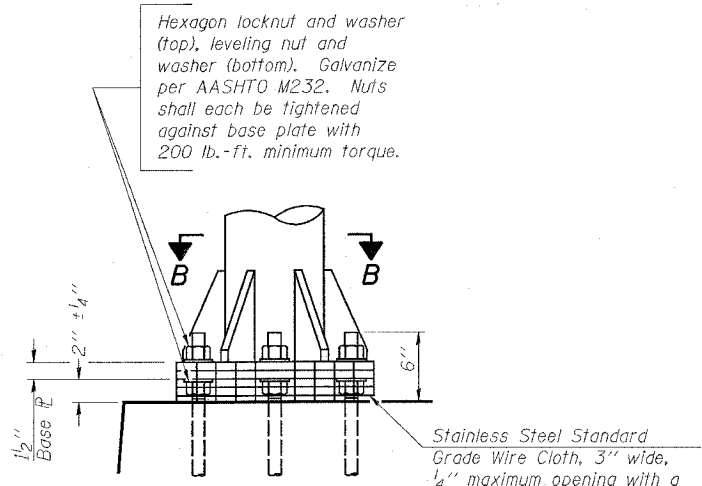
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for ALUMINUM TRUSS

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

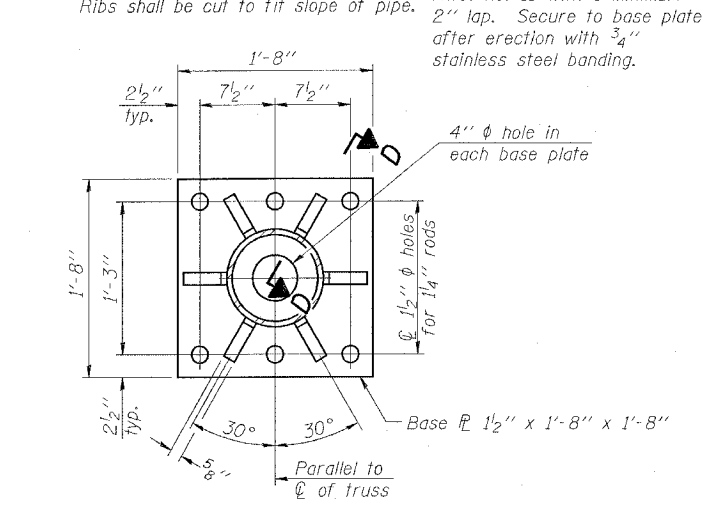
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6
FAI 64	82-6K-1	ST. CLAIR	188	93	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

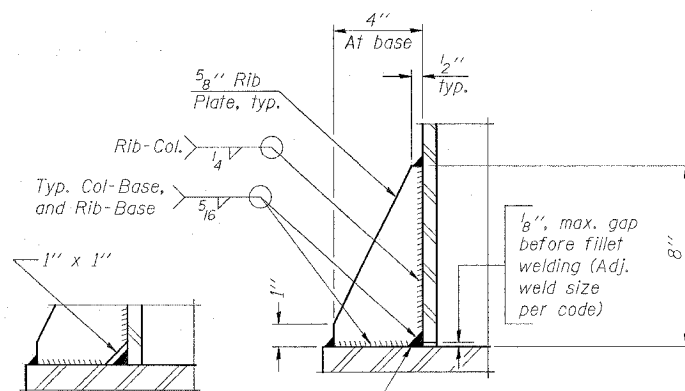
Contract # 76815



DETAIL B



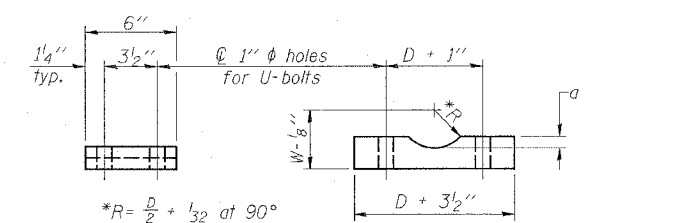
SECTION B-B



SECTION D-D

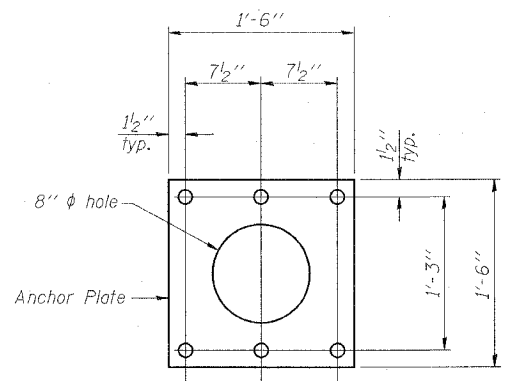
** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

No snip req'd. at rib inside corner if placed before col. to base plate welding.**



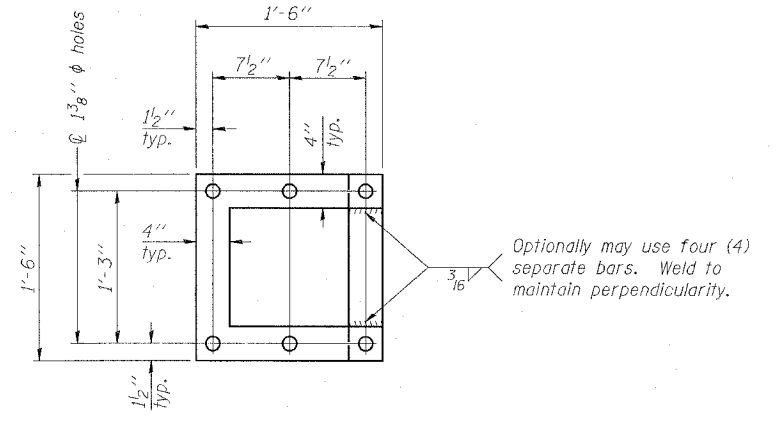
SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)



ANCHOR ROD DETAIL

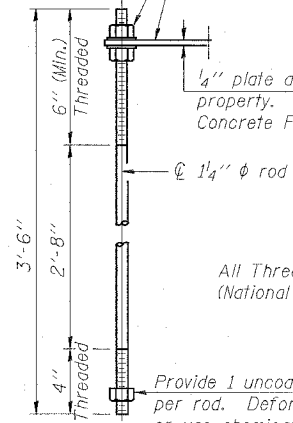
Spread Footing Foundation



POSITIONING PLATE(S)

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

1/4" plate and extra nuts become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.

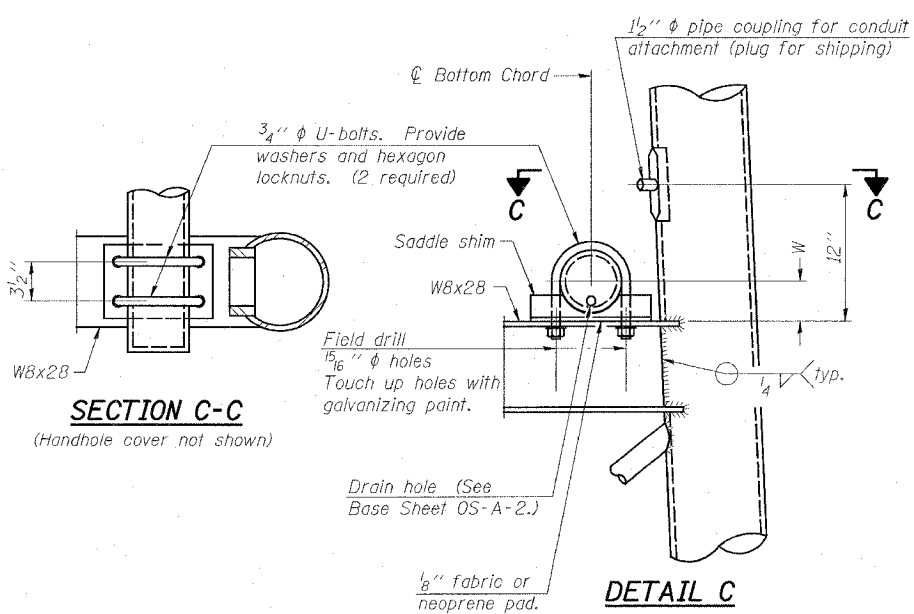


ANCHOR ROD DETAIL

Drilled Shaft Foundation

Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

10" ϕ PIPE SUPPORT FRAME DETAILS



SECTION C-C

(Handhole cover not shown)

DETAIL C

NUMBER	REVISION	DATE

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

OS-A-6A

1-7-05

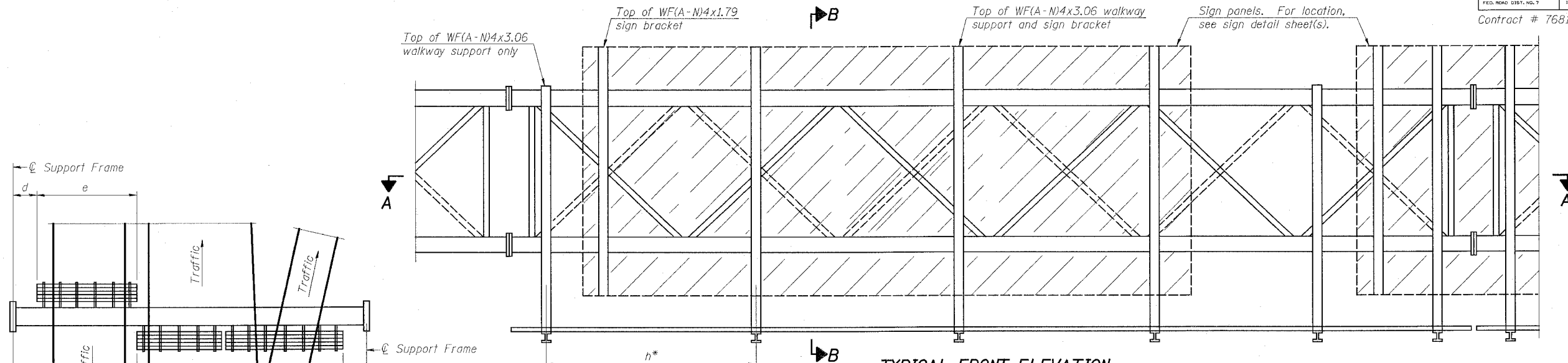
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS ALUMINUM TRUSS

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

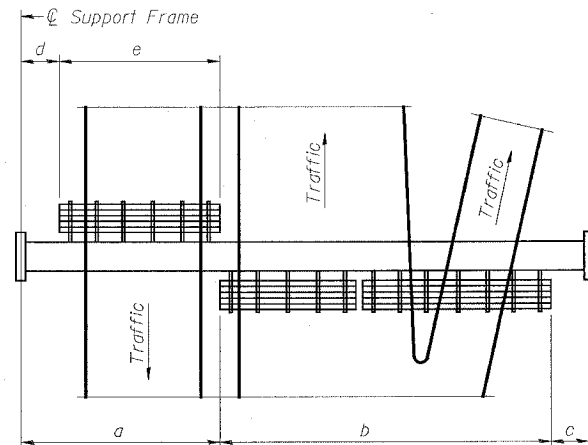
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7 10 SHEETS
FAI 64	82-6K-1	ST. CLAIR	188	94	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract # 76815

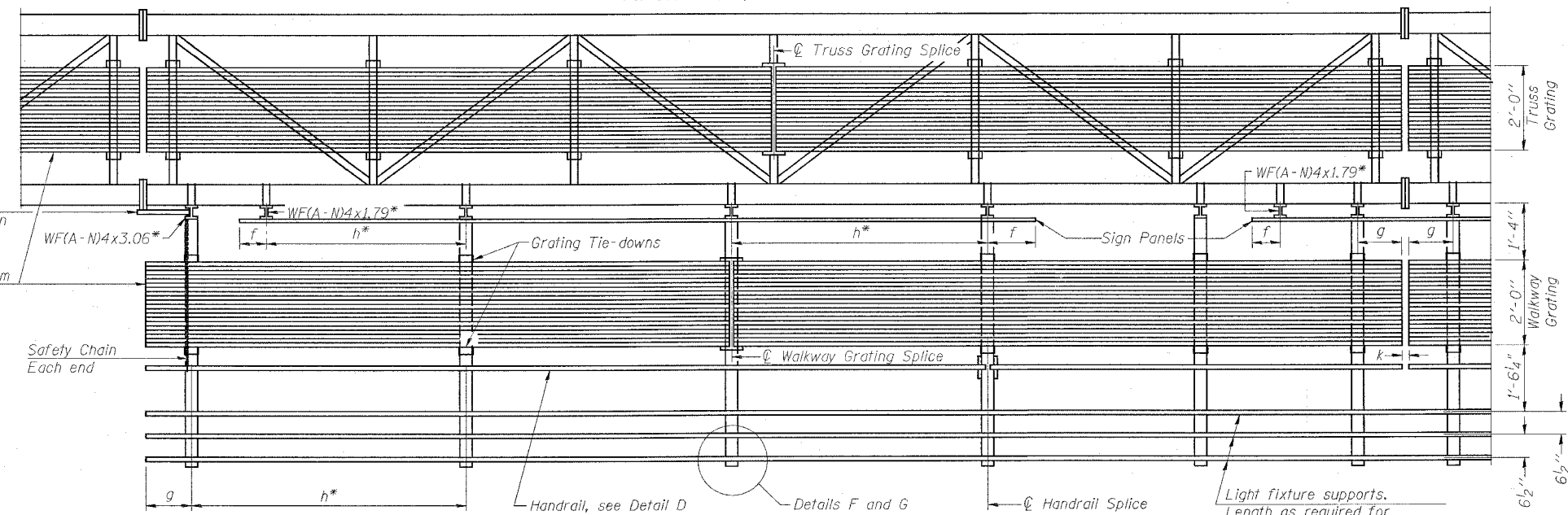


TYPICAL FRONT ELEVATION

With lights and handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints.
Place all sign and walkway brackets as close to panel points as practical.
Grating, handrail and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12''$ on overhead trusses.
Cost of truss grating is included in "Overhead Sign Structure".

BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
	14'-0"	3
	20'-0"	4
	26'-0"	5
	32'-0"	6

Notes:

* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

- f = 12" maximum, 4" minimum (End of sign to \mathcal{C} of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to \mathcal{C} of nearest support bracket)
- h = 6'-0" maximum \mathcal{C} to \mathcal{C} sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
- k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details, see Base Sheet OS-A-10.
For Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
8S0821064R014.1	13+50	43'-6"	36'-0"	27'-6"			48'-0"

**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

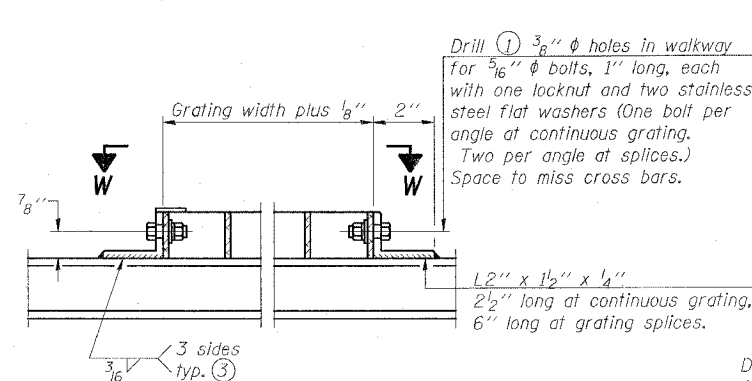
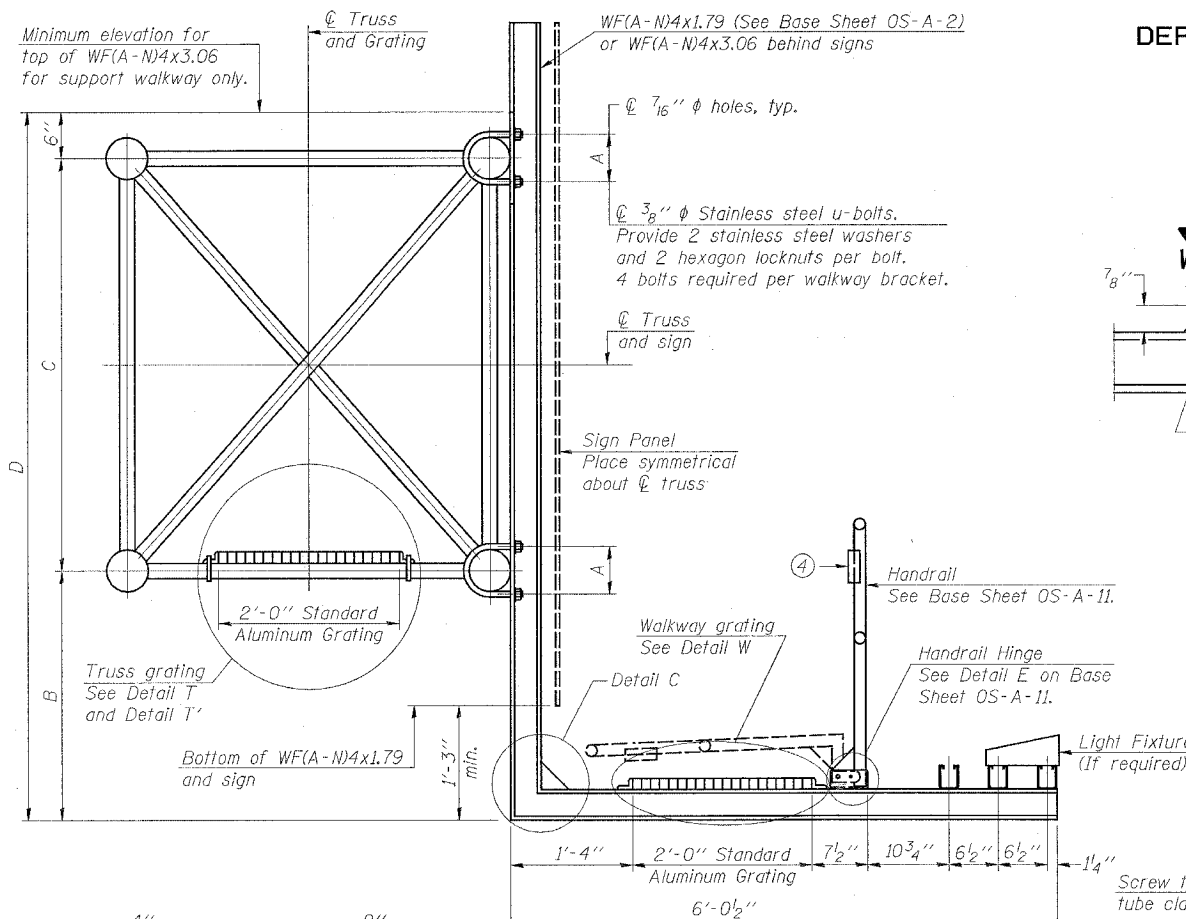
OS-A-9

1-7-05

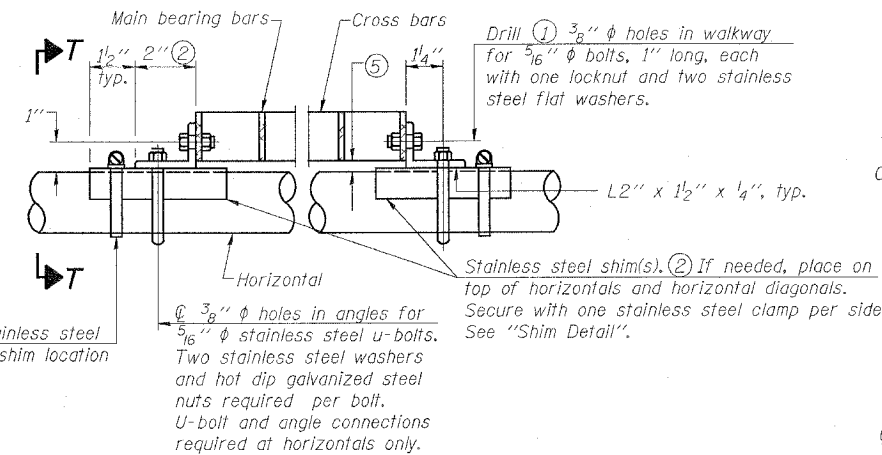
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAI 64	82-6K-1	ST. CLAIR	188	95
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 76815



DETAIL W
(Walkway grating)



DETAIL T
(Continuous Truss grating)

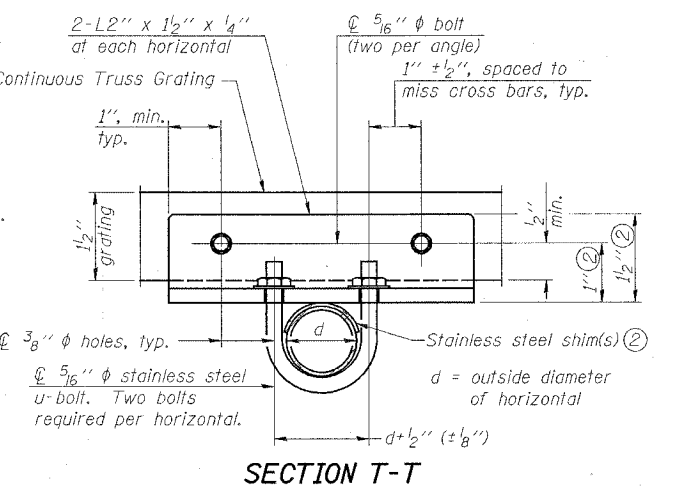
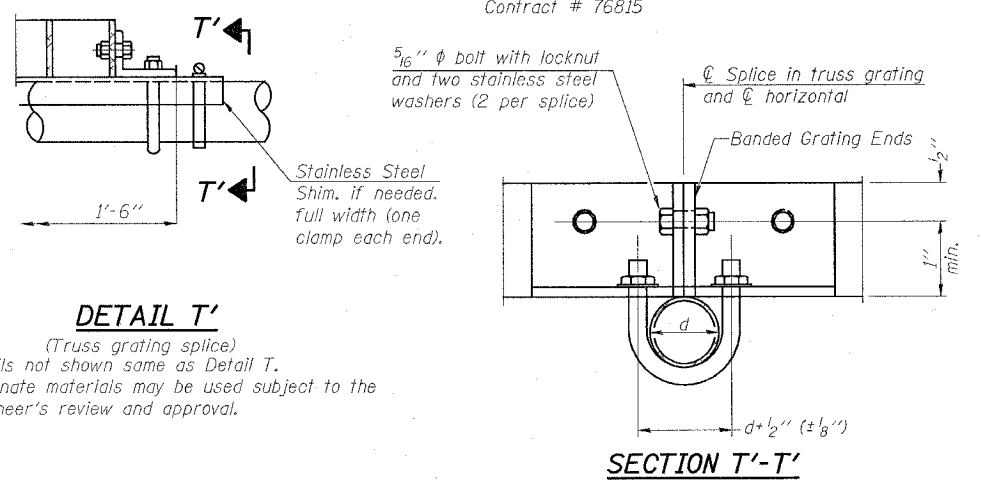
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
Cross bars shall be 3/16" x 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "I" sections for main bearing bars shall meet the following requirements:
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	B	C	D
BS0821064R014.1	13+50	7"	4'-4 1/2"	5'-3"	10'-1 1/2"



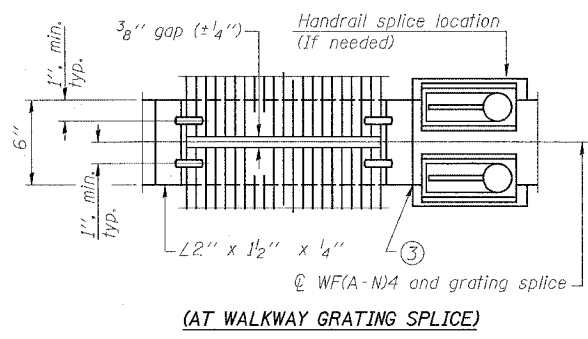
SECTION T-T'

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.

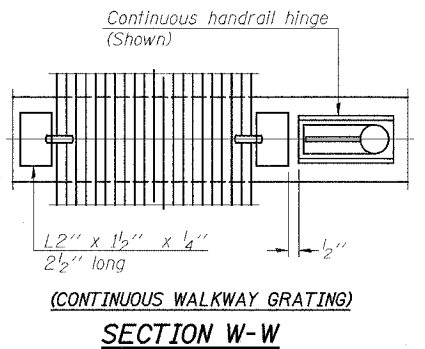
**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

SECTION B-B

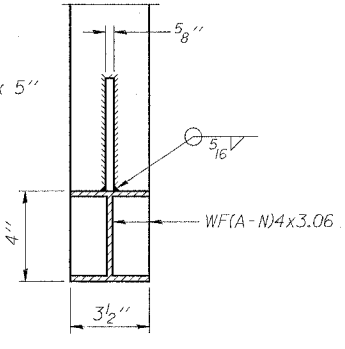


(AT WALKWAY GRATING SPLICE)

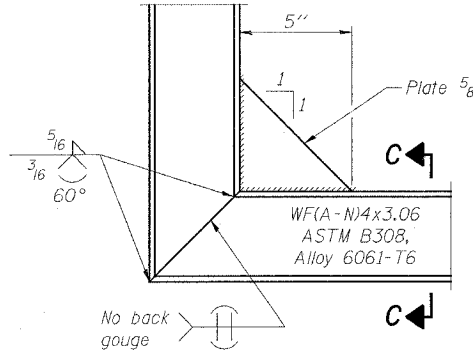


SECTION W-W
(CONTINUOUS WALKWAY GRATING)

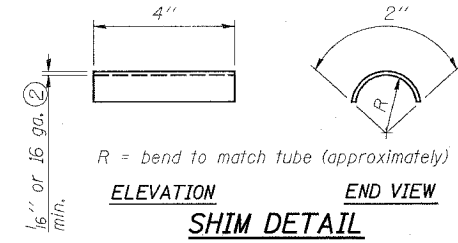
SECTION C-C



DETAIL C
(See Detail P, Base Sheet OS-A-11.)



SHIM DETAIL



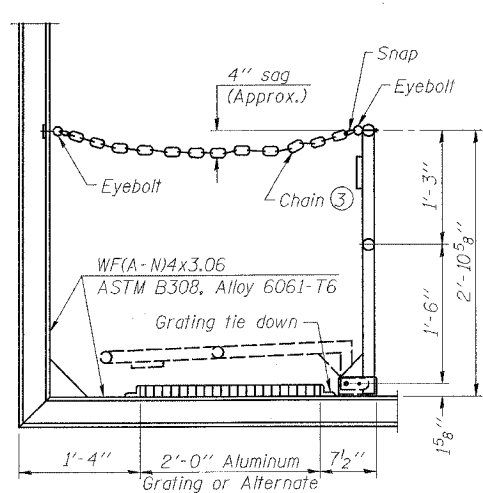
DESIGNED	200
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

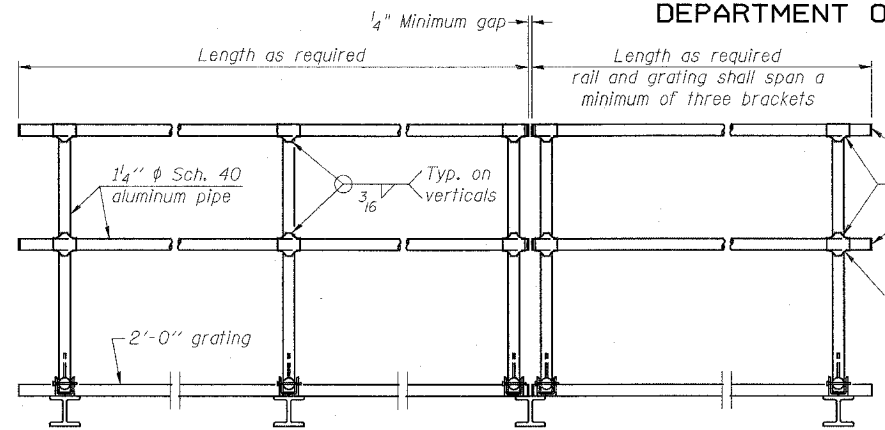
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 9
FAI 64	82-6K-1	ST. CLAIR	188	96	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract # 76815



SIDE ELEVATION

(Showing safety chain w/o sign)

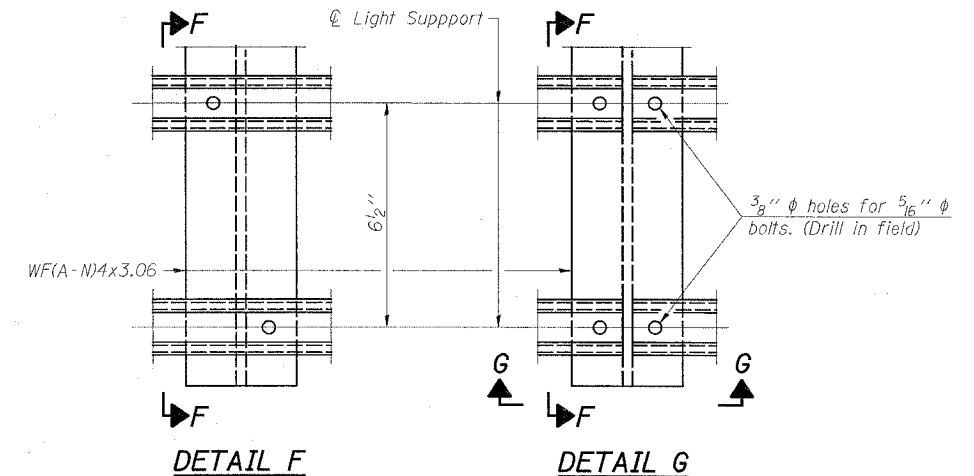


FRONT ELEVATION

- Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- Horizontal handrail member shall be continuous thru fitting. Provide 1/16" hole in fitting for 3/8" bolt. Field drill 1/16" hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 1/16" holes on top rail at ends only.)

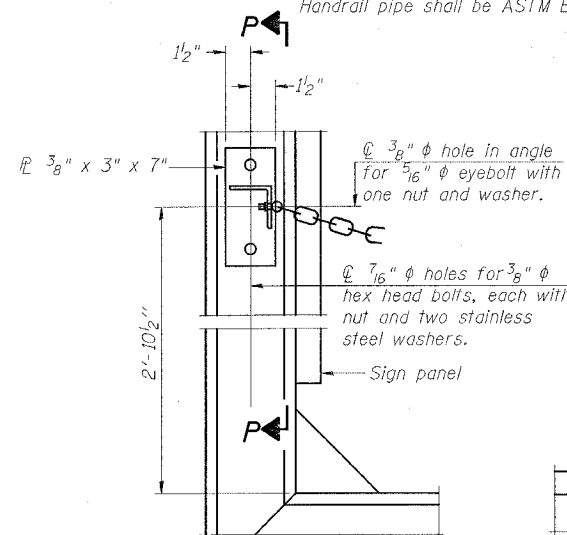
HANDRAIL DETAILS

Handrail pipe shall be ASTM B241, Alloy 6063-T6 or Alloy 6061-T6.



DETAIL F

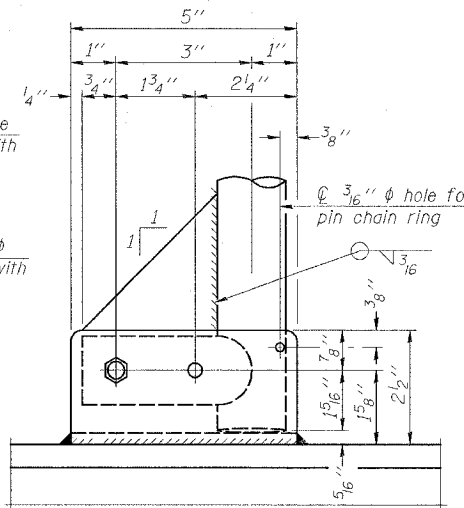
DETAIL G



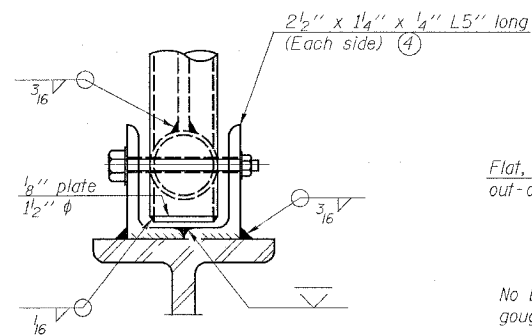
ALTERNATE SAFETY CHAIN ATTACHMENT

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"

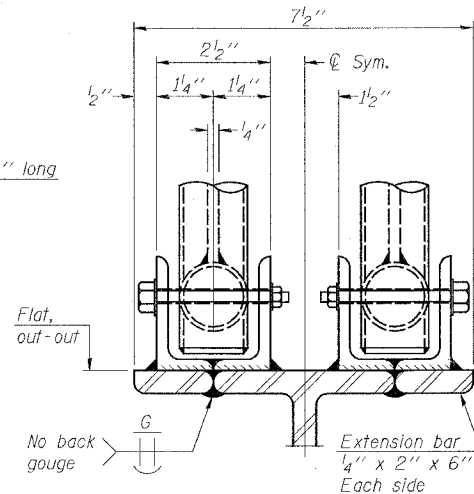


SIDE ELEVATION

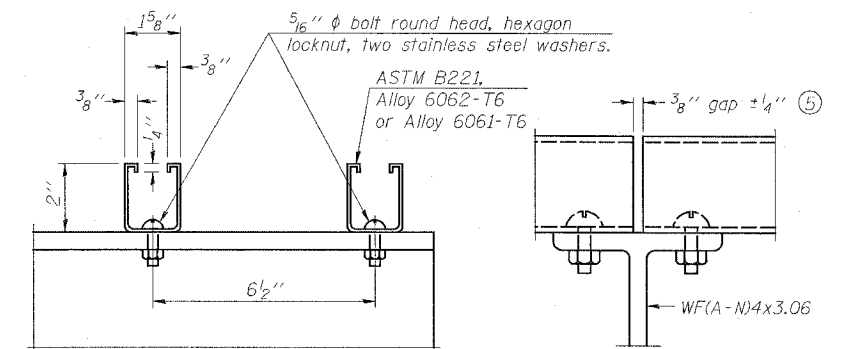


FRONT ELEVATION

See "Elevation" at right for dimensions.



ELEVATION AT HANDRAIL JOINT

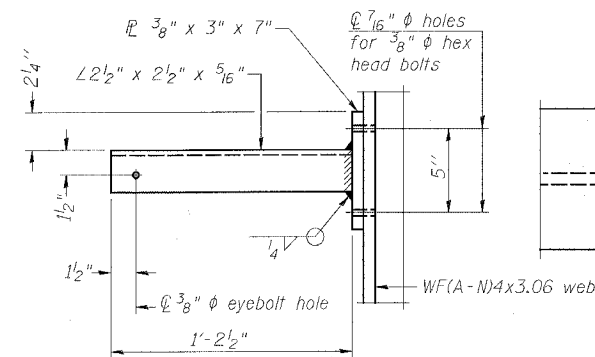


SECTION F-F

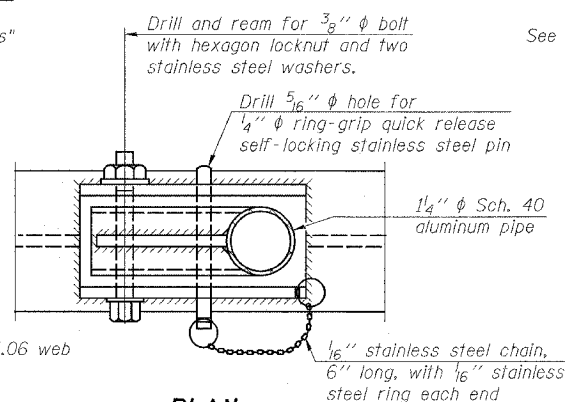
SECTION G-G

LIGHTING FIXTURE MOUNTS (IF REQUIRED)

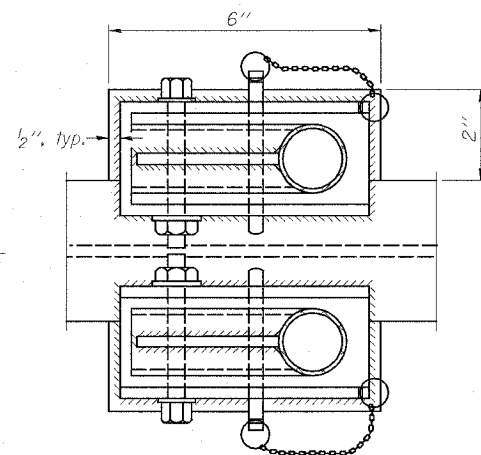
- Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



SECTION P-P

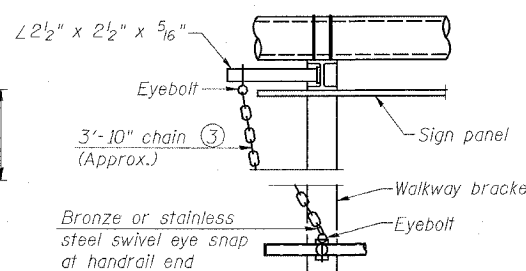


**PLAN
DETAIL E HANDRAIL HINGE**



PLAN AT HANDRAIL JOINT

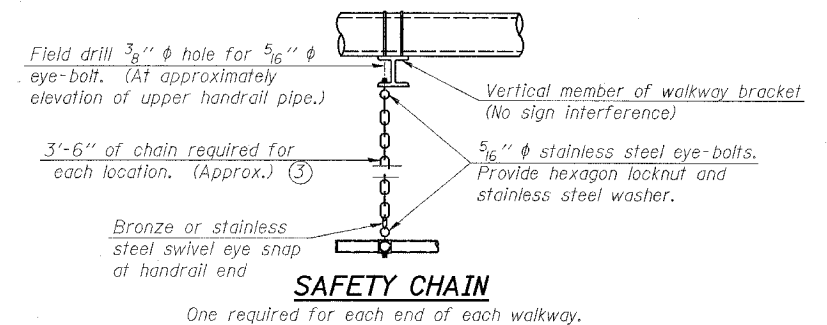
Details not shown same as "PLAN"



ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- 3/16" galvanized steel chain, approximately 12 links per foot. Chain to be hot dip galvanized after manufacture and suitable for prolonged exterior exposure. Alternate materials may be substituted with the Engineer's approval.
- Extrusions may be used in lieu of the details shown, with approval of the Engineer.



SAFETY CHAIN

One required for each end of each walkway.

DESIGNED	200
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

OS-A-11

1-7-05

NUMBER	REVISION	DATE

**OVERHEAD SIGN STRUCTURES
ALUMINUM HANDRAIL DETAILS**

FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10
FAI 64	82-6K-1	ST. CLAIR	188	97	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

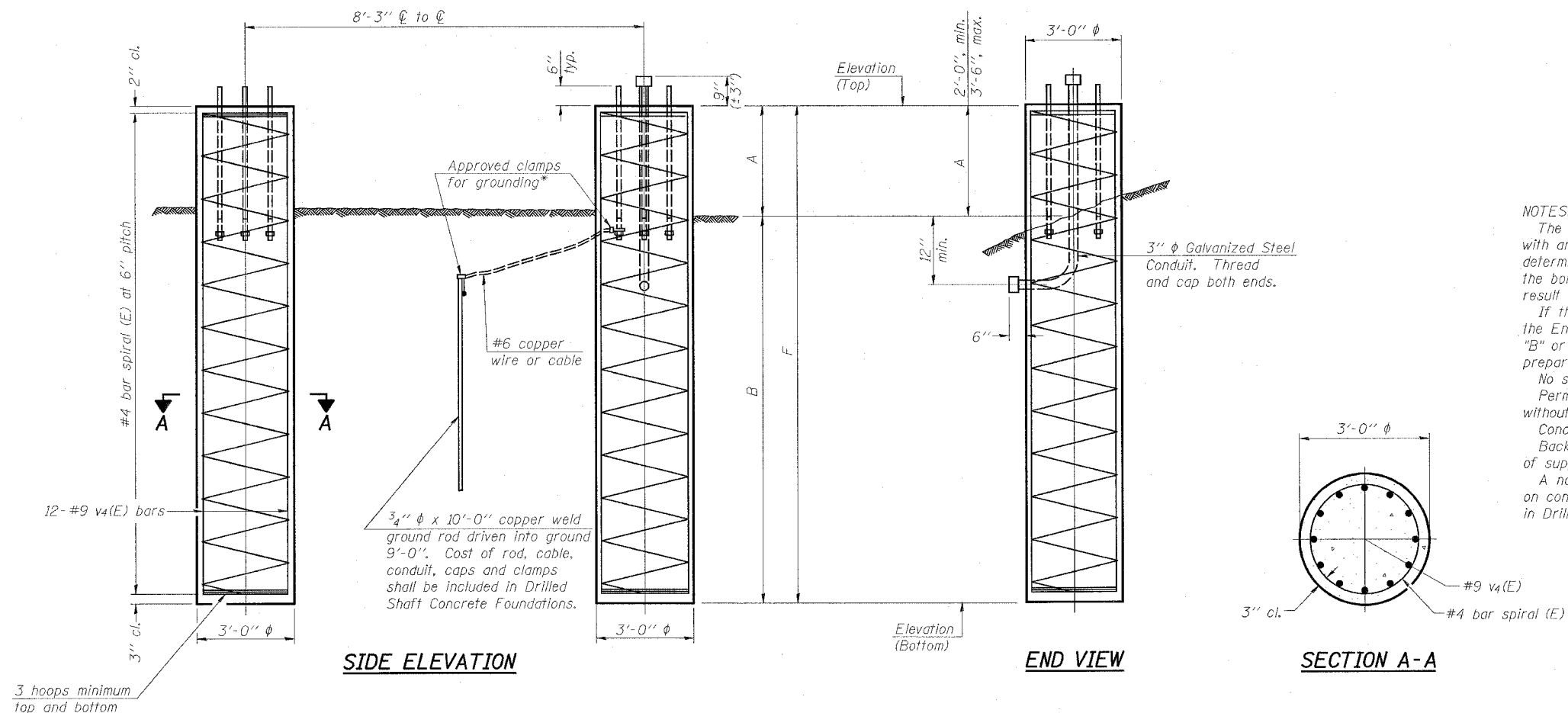
Contract # 76815

For anchor rod size and placement, see Support Frame Detail Sheet.

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

BAR LIST - EACH FOUNDATION

Bar Number	Size	Length	Shape
v4(E)	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation			



NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

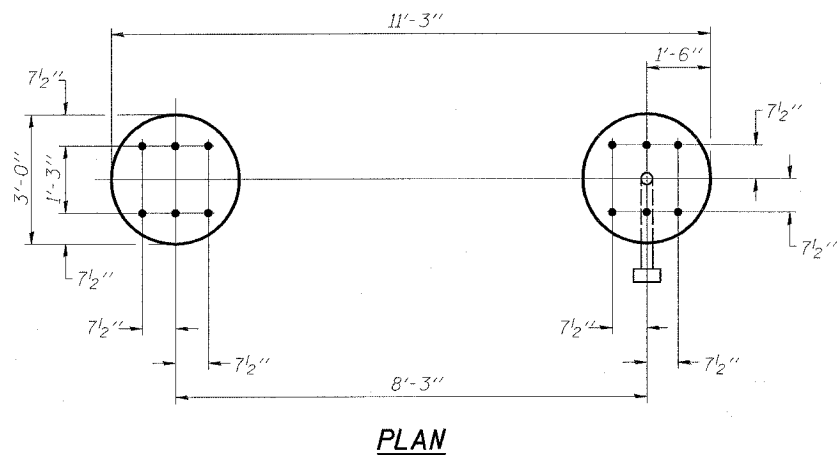
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



Structure Number	Station	Elevation Top	Elevation Bottom	Left Foundation			Right Foundation			Class SI Concrete (Cu. Yds.)		
				A	B	F	Elevation Top	Elevation Bottom	A		B	F
850821064R014.1	13+50	549.50	528.80	3'-1 1/4"	21'-6"	24'-7 1/4"	549.50	524.90	2'-2 1/4"	21'-6"	23'-8 1/4"	12.6

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	

NUMBER	REVISION	DATE

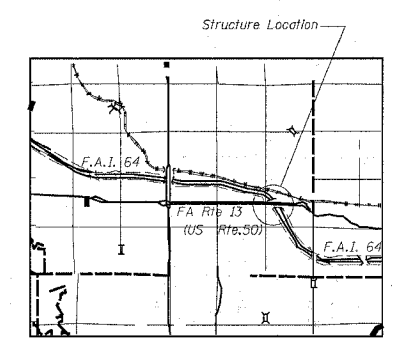
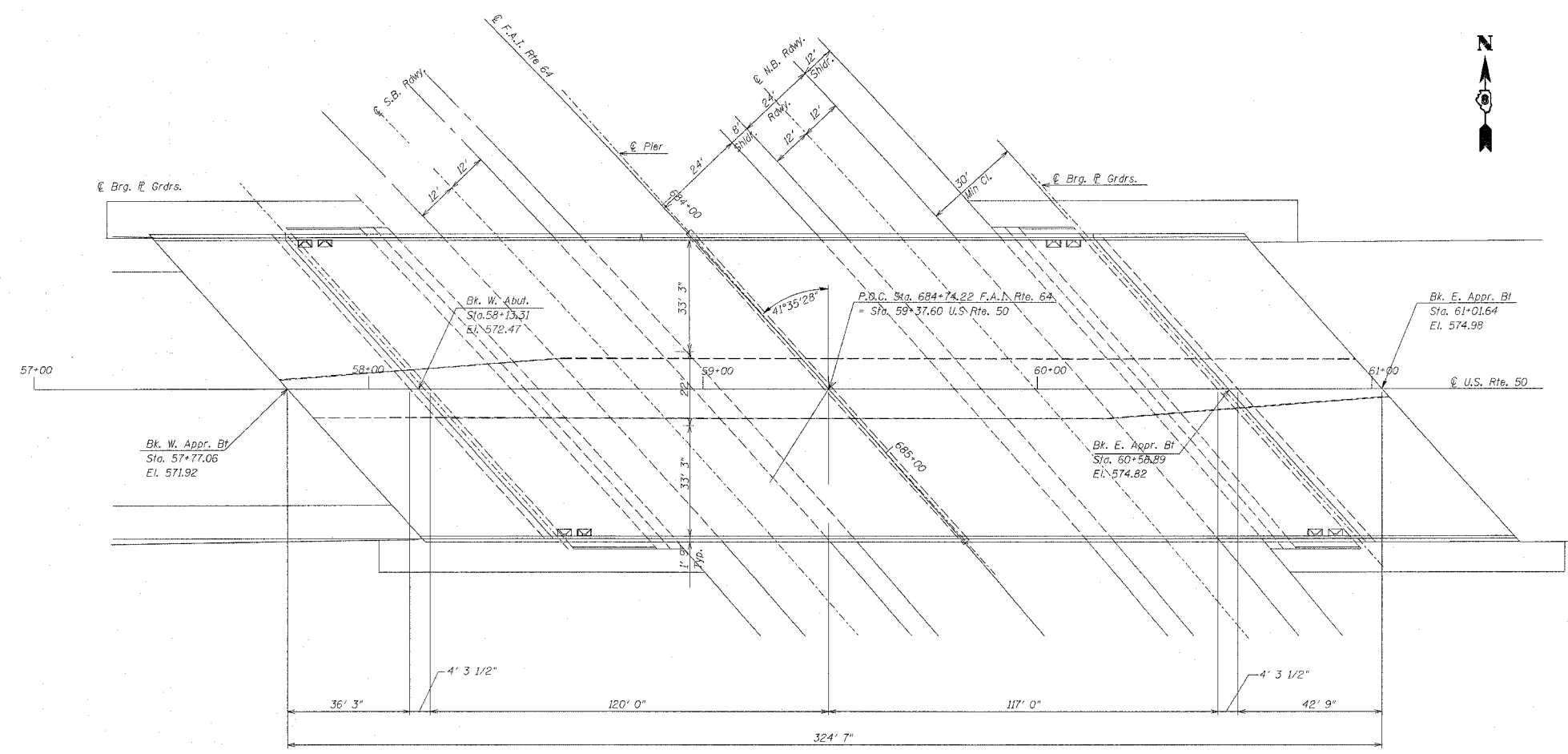
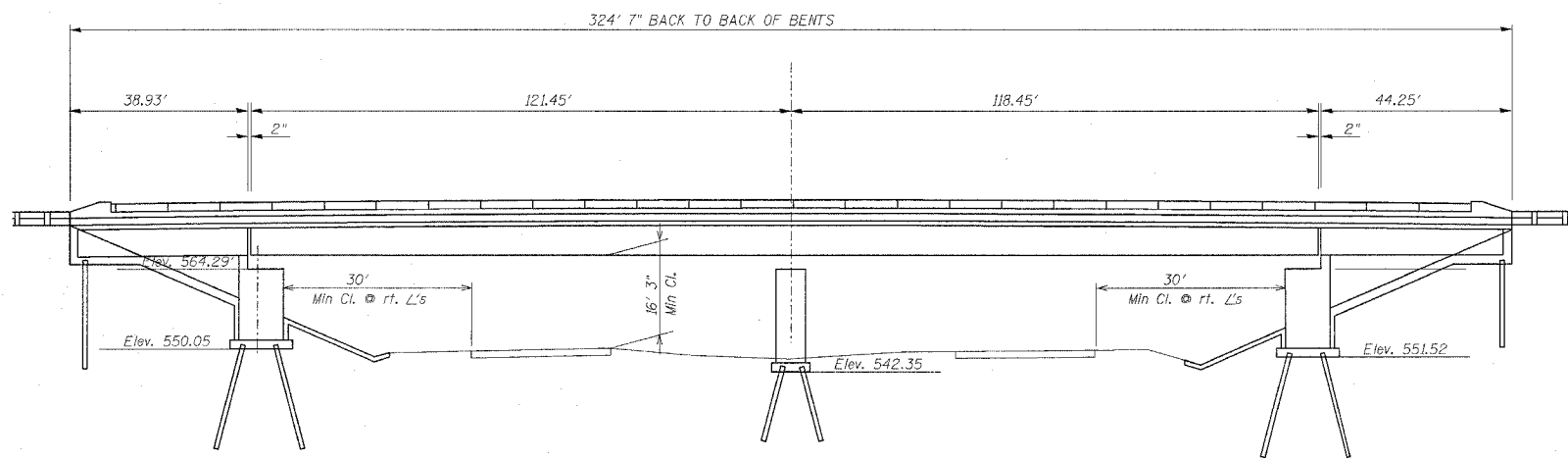
DETAILS FOR 10" ϕ SUPPORT FRAME
TYPE I-A or II-A TRUSS

OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS

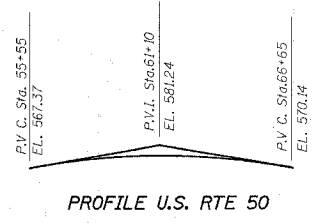
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	98

CONTRACT NO.: 76815
SHEET NO 1 OF 9



LOCATION PLAN
SN 082-0179



PROFILE U.S. RTE 50

EXIST. CURVE CL64-1
PI STA. 677+13.64
 $\Delta = 43^\circ 33' 02''$ (RT)
T = 1525.87'
R = 3819.72'
L = 2903.37'
E = 293.49'

ALL DIMENSIONS ARE IN MM
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE REPAIR DETAILS
GENERAL PLAN
SN 082-0179
FAI ROUTE 64
SECTION 82-6K-1
ST. CLAIR COUNTY
DRAWN BY:

PLOT DATE: 7/1/2005

4/10/2005
 7/1/2005
 c:\projects\76815\plan\bridge-repair.dgn
 REF-
 REF-

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST. CLAIR	188	99
CONTRACT NO. 176815				

SHEET NO 2 OF 9

BRIDGE - TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CY	185
REINFORCEMENT BARS, EPOXY COATED	LB	23,290
CONCRETE SUPERSTRUCTURE	CY	84
BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	725
BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	725

GENERAL NOTES:

- EXISTING TRANSVERSE REINFORCEMENT SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO NEW CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DAMAGE TO REINFORCING STEEL. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPAIRED OR REPLACED USING AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. ALL WORK DESCRIBED ABOVE SHALL INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGE TO THE PPCI BEAMS, STEEL BEAMS AND CONNECTORS. ANY STUD SHEAR CONNECTORS DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED ACCORDING TO SECTION 505 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- REMOVAL OF CONCRETE JOINT SEALER AND COMPRESSIBLE ROD SHALL BE INCLUDED IN THE COST OF "CONCRETE REMOVAL".
- THICKNESS OF MICROSILICA OVERLAY MAY VARY. MATCH INTO EXISTING MICROSILICA OVERLAY.
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M31 OR M322 GRADE 60.
- 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.
- PRIOR TO POURING THE NEW CONCRETE DECK, ALL LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES OF THE BEAMS AND GIRDERS IN CONTACT WITH CONCRETE. THE COST OF THIS WORK WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE. ALL HEAVY RUST AND OTHER TIGHTLY ADHERED POTENTIALLY DETRIMENTAL FOREIGN MATTER SHALL BE REMOVED FROM THE SURFACES OF THE BEAMS OR GIRDERS IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. THIS REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL. THE COST OF THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04. OF THE STANDARD SPECIFICATIONS.
- ALL CONSTRUCTION JOINTS SHALL BE BONDED.
- THE OVERLAY SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.11(e)(1) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURES.

7/1/2005
 c:\projects\vd86\81\plan\brdgerepair.dgn
 REF

ALL DIMENSIONS ARE IN mm
 UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE REPAIR DETAILS
 TOTAL BILL OF MATERIALS
 & GENERAL NOTES
 SN 082-0179
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

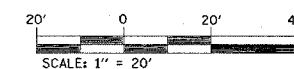
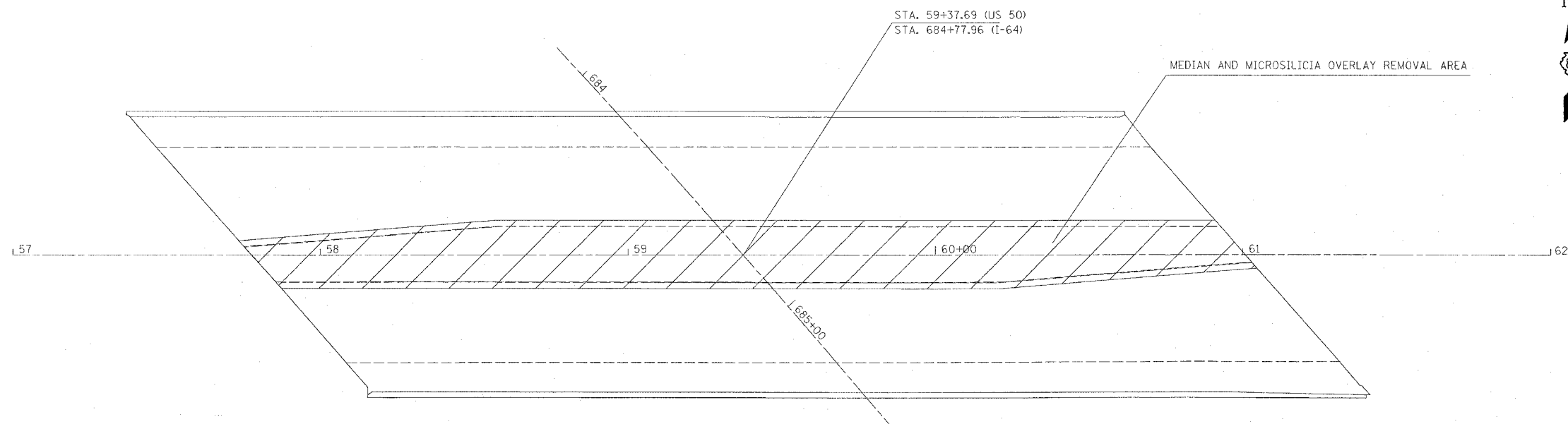
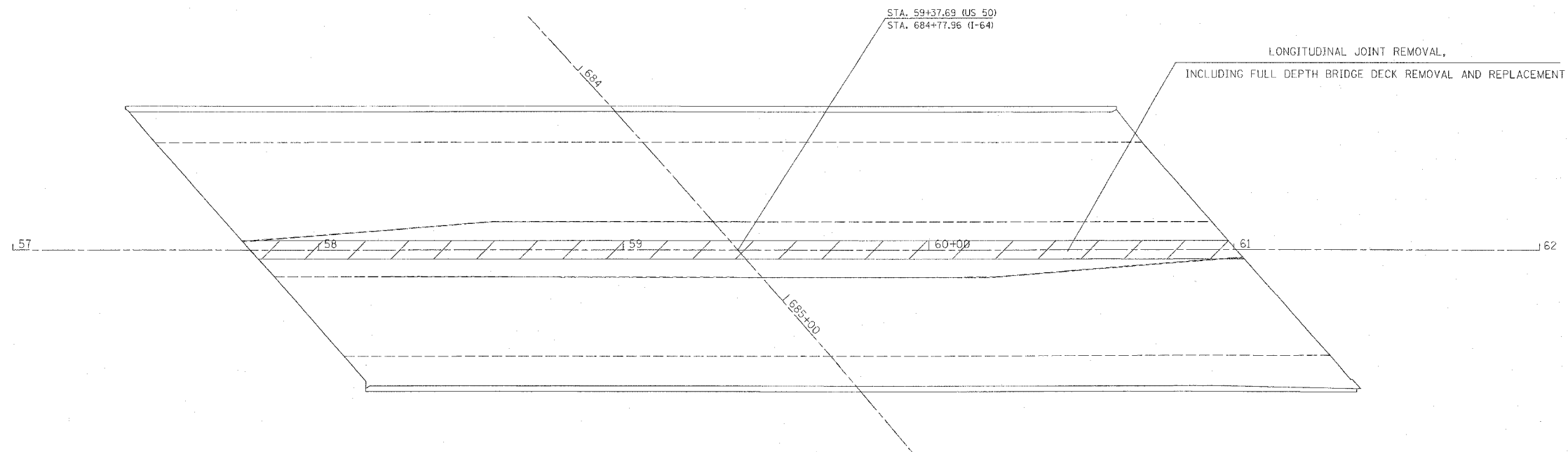
DRAWN BY:

PLOT DATE: 7/1/2005

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-6K-1	ST. CLAIR	188	100

CONTRACT NO.: 76815

SHEET NO 3 OF 9



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE REPAIR DETAILS
 REMOVAL AREAS
 SN 082-0179
 FAI ROUTE 64
 SECTION 82-6K-1
 ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: 7/1/2005

PLAN	SURVYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	RT. OF WAY CHECKED		
	ADD FILE NAME		

7/1/2005
 ca:\projects\82-6K-1\plan\brdgsrepair.dgn
 REF: p13 topo 82-6K-1
 REF: p13 sur 82-6K-1