

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

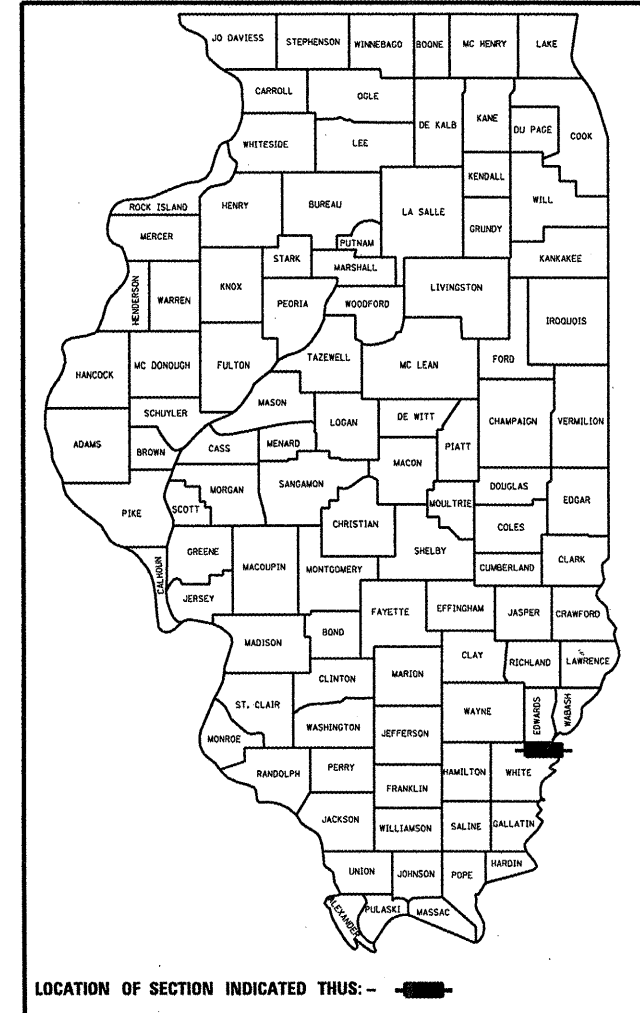
**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 64  
SECTION (97-2)RS-2  
PROJECT IM-064-4(088)127  
INTERSTATE RESURFACING  
WHITE COUNTY

C-99-069-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(97-2)RS-2	WHITE	34	1
ILLINOIS			CONTRACT NO. 78211	

D-99-067-10



FOR INDEX OF SHEETS, SEE SHEET NO. 3

ADT (2009)  
12,100  
PV = 8450  
SU = 850  
MU = 2800  
TRUCKS = 30%

EQ. STATIONS:  
REST AREA ON RAMP  
EQ STA 5856+92.39 (BK) = STA 0A+00.00 (AH)

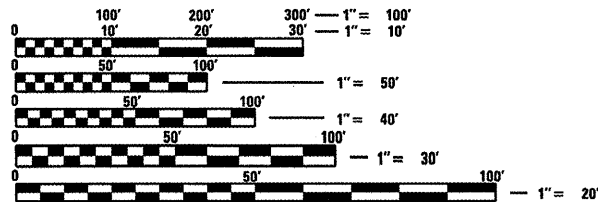
OMISSION SN 097-0001 & SN 097-0002  
STA. 5827+88.96 TO STA 5830+83.04

PROP. PROJECT BEGINS  
STA 5800+32.00

EX. REST AREA

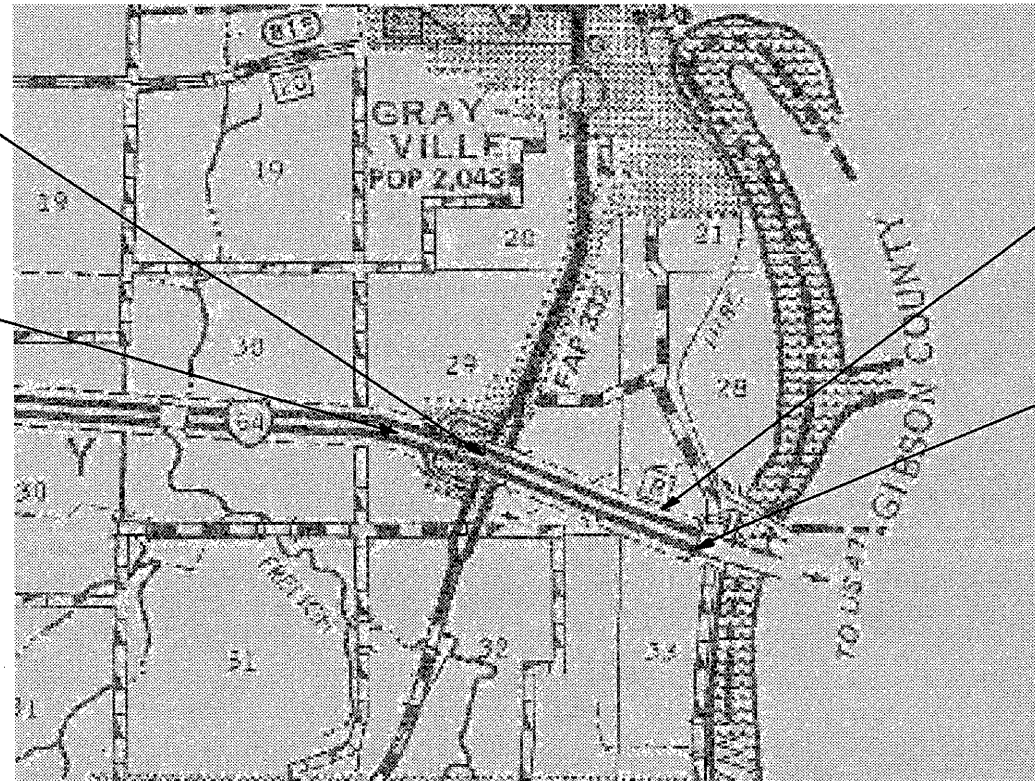
PROP. PROJECT ENDS  
STA 5875+27.05

TOWNSHIP: GRAY



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  
OR 811



PROJECT ENGINEER: CHARLES STEIN (618) 351-5210  
PROJECT MANAGER: KATHI MCCORD (618) 351-5319

GROSS LENGTH = 7495.05 FT. = 1.42 MILE  
NET LENGTH = 7200.92 FT. = 1.36 MILE

CONTRACT NO. : 78211

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Nov 22 2010  
Mary C. Kamis  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 4 2011  
Scott E. Stitt P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 2011  
Christine M. Reardon  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND HIGHWAY STANDARDS, STRUCTURE RATINGS
4	GENERAL NOTES; MIXTURE REQUIREMENTS
5	SUMMARY OF QUANTITIES
6 - 9	TYPICAL SECTIONS
10	SCHEDULE FOR MAINLINE PAVEMENT AND SHOULDER RESURFACING
11	SCHEDULE FOR RAMPS PAVEMENT AND SHOULDER RESURFACING
12	MAINLINE, RAMPS AND SHOULDER RESURFACING SCHEDULE TOTALS
13	SCHEDULE FOR PROPOSED GUARDRAIL
14 - 15	SCHEDULE FOR PAVEMENT MARKING
16	SCHEDULE FOR RAISED REFLECTIVE PAVEMENT MARKERS AND DELINEATORS
17 - 24	PLAN LAYOUT SHEETS - FAI 64 FROM STA. 5800+32 TO STA. 5875+27.05
25 - 28	DETAILS; PROPOSED GUARDRAIL AT STRUCTURES
29	DETAILS; BUTT JT AT BEGINNING AND END OF PROJECT, AT STRUCTURES AND AT RAMPS
30	DETAILS - MEDIAN CROSSOVER RESURFACING
31 - 32	DETAILS - PARAPET WALL MODIFICATIONS FOR TYPE 6 ATTACHMENT
33	STANDARD DETAILS - TEMP. HOT-MIX ASPHALT TRANSITIONS
34	STANDARD DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN

STRUCTURE RATINGS

STRUCTURE NO.	INV. RATING	OPER. RATING	SUFF. RATING
FAI 64 EBL			
097-0001	20.1	31.1	76.0
097-0003	17.2	30.0	32.7
FAI 64 WBL			
097-0002	19.3	30.1	75.7
097-0004	17.2	30.0	32.7
FAI 64 EBL & WBL			
097-7009	-	-	83.0

NOTE: A LOADED MTD SHALL BE ALLOWED OVER THE ABOVE STRUCTURES BASED ON THE LOAD CARRYING CAPACITIES OF THE STRUCTURES.

HIGHWAY STANDARDS

001001-02	701101-02
442001-04	701400-05
630001-09	701406-06
630301-05	701411-07
631011-07	701426-04
631031-09	780001-02
631046-04	781001-03
635001-01	701401-06
635006-03	701901-01
635011-02	
642001-01	

GENERAL NOTES

THE THICKNESS OF 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.

FACTORS USED IN ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR OC/OA OF BITUMINOUS MIXTURES:

- ALL HOT-MIX ASPHALT.....2.016 TONS/CU. YD.
- ALL AGGREGATE.....2.05 TONS/CU. YD.
- BITUMINOUS MATERIALS (PRIME COAT)
  - ON PAVEMENT.....0.09 GAL/SO. YD.
  - ON AGGREGATE SURFACE.....0.32 GAL/SO. YD.
- AGGREGATE (PRIME COAT).....0.0015 TONS/SO. YD.

THE QUANTITY OF SHORT-TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, PRIME COAT, SURFACE COURSE, AND BINDER COURSE, EXCEPT THE DIAGONALS ON THE SHOULDERS WHICH SHALL BE ONE APPLICATION ONLY.

PRIOR TO THE PLACEMENT OF THE FINAL PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION & APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 100m (300 FT). INTERVALS ON OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140mm (5 1/2 IN.) TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THAT A LANE EDGE IS EXPOSED TO TRAFFIC.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. PATCHING SURVEY WAS DONE APRIL 30, 2010.

THE EDGES OF ALL PAVEMENT PATCHES SHALL BE SAWED TO THE FULL DEPTH OF THE EXISTING PAVEMENT. NO OVERSAWING WILL BE ALLOWED WHEN THE PATCH IS IN ONLY ONE LANE.

THE REMOVAL OF EXISTING DELINEATORS, POSTS, AND REFLECTORS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED ON ALL BITUMINOUS SHOULDERS IN ACCORDANCE WITH STANDARD 642001.

THE CONTRACTOR IS TO CLEAN ALL MEDIAN INLETS OF GRASS CLIPPINGS, SILT, AND OTHER DEBRIS. THE COST OF THIS WORK SHALL BE PAID FOR AS PER ARTICLE 109.04 (b) OF THE STANDARD SPECIFICATIONS.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

THE QUANTITY FOR PRIME COAT WAS CALCULATED IN TWO LAYERS. ONE APPLICATION AFTER MILLING THE EXISTING SURFACE AND ONE APPLICATION AFTER PLACING THE BINDER COURSE AND SHALL BE USED AS DIRECTED BY THE ENGINEER.

ANY EARTHWORK OR MATERIAL NEEDED BEHIND GUARDRAIL SHALL BE INCLUDED IN THE COST OF THE TRAFFIC BARRIER TERMINAL.

MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICITION AGGREGATE:	D SURFACE

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICITION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS (TOP LIFT) & INCIDENTAL HMA SURFACING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICITION AGGREGATE:	C SURFACE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS
AC/PG:	PG58-22
RAP % (MAX):	50
DESIGN AIR VOIDS:	2.0 %, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	HMA SHOULDERS
FRICITION AGGREGATE:	NONE

FILE NAME *	USER NAME = mcoo-dkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	GENERAL NOTES; MIXTURE REQUIREMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwsdot\mcoo-dkr\d0186975\sh	plandgn	DRAWN -	REVISED -			64	(97-2)RS-2	WHITE	34	4	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -				SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78211			
PLOT DATE = 11/15/2010	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					

## SUMMARY OF QUANTITIES

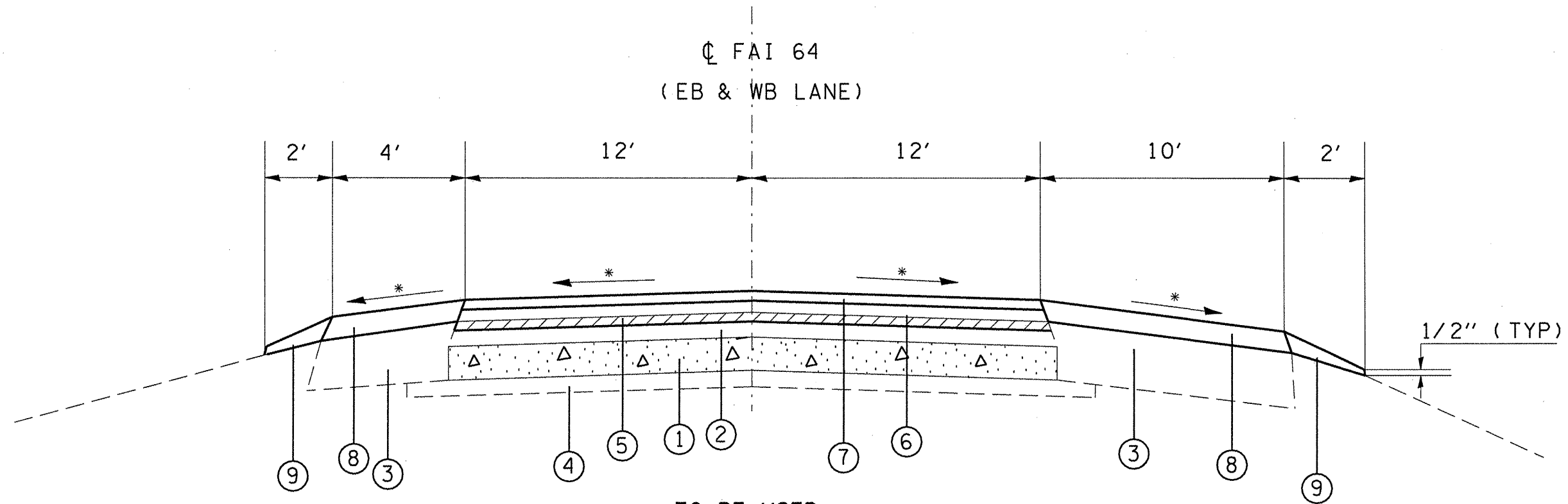
CODE NUMBER	ITEM DESCRIPTION	UNIT	FAI 64 RURAL 90% FED., 10% STATE WHITE COUNTY 0005
			TOTAL QUANTITY
20034105	MATERIAL TRANSFER DEVICE	TON	12,720.0
20005880	BRIDGE HANDRAIL REMOVAL	FOOT	54.0
44213204	TIE BARS 3/4"	EACH	11.0
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	13,913.5
40600300	AGGREGATE (PRIME COAT)	TON	232.5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1,564.0
40600990	TEMPORARY RAMP	SO YD	160.0
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0	TON	7,608.0
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "D", N105	TON	5,112.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	557.0
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	59,564.0
44200573	CLASS A PATCHES, TYPE 1, 12 INCH	SO YD	16.0
44200577	CLASS A PATCHES, TYPE 2, 12 INCH	SO YD	219.0
44200581	CLASS A PATCHES, TYPE 3, 12 INCH	SO YD	44.0
44200583	CLASS A PATCHES, TYPE 4, 12 INCH	SO YD	27.0
44213000	PATCHING REINFORCEMENT	SO YD	306.0
44213200	SAW CUTS	FOOT	1,172.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,032.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5,571.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1.59
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	332.4
60260100	INLETS TO BE ADJUSTED	EACH	4.0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6425
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6
* 63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE I(SPECIAL) TANGENT	EACH	6
63200310	GUARDRAIL REMOVAL	FOOT	6421
63500105	DELINEATORS	EACH	237.0
64200105	SHOULDER RUMBLE STRIPS	FOOT	23,599.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3.0
67100100	MOBILIZATION	L SUM	1.0
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	6.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,185.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	43,665.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,830.0
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3,388.0

CODE NUMBER	ITEM DESCRIPTION	UNIT	FAI 64 RURAL 90% FED., 10% STATE WHITE COUNTY 0005
			TOTAL QUANTITY
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2,239.0
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	43,665.0
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	3,830.0
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	3,388.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	360.0
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	87
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	10
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	360.0

\*SPECIALTY ITEM

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE. 64	SECTION (97-2)RS-2	COUNTY WHITE	TOTAL SHEETS 34	SHEET NO. 5		
ct:\pw\work\p\dot\mcoordkr\0186975\sh	plendgn	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78211						
	PLOT DATE = 11/15/2010	DATE -	REVISED -									

TYPICAL SECTION  
 FAI 64 MAINLINE  
 IN DIRECTION OF TRAFFIC  
 (NOT TO SCALE)



TO BE USED:

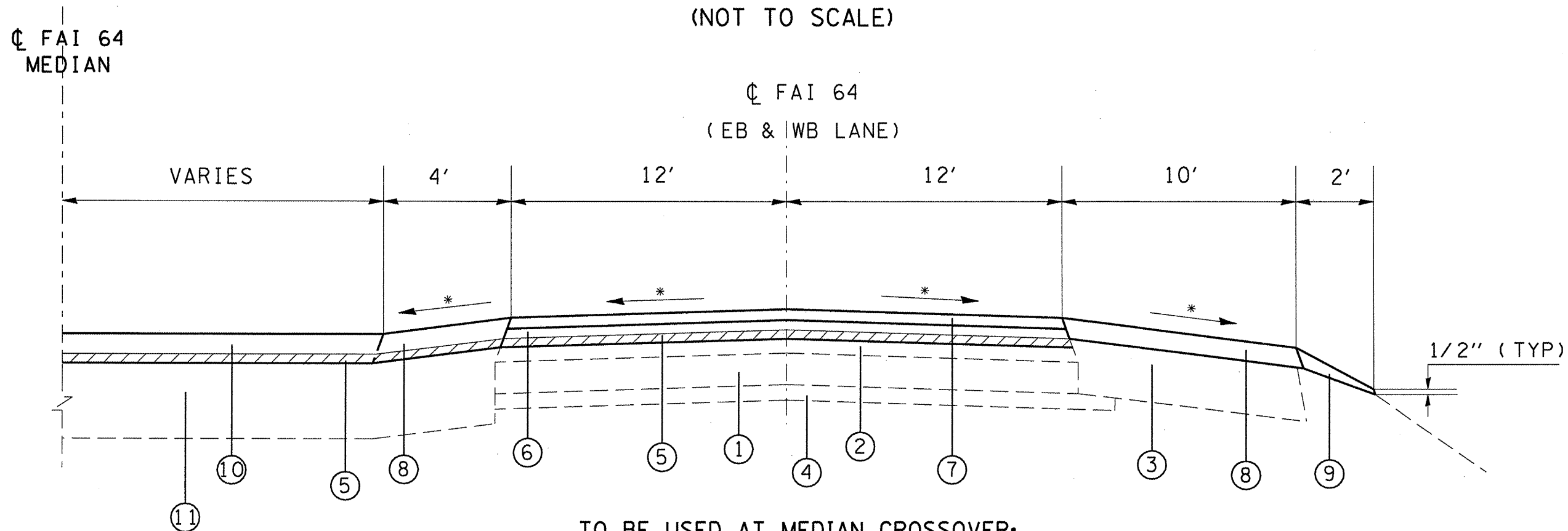
STA 5800 + 32.00 TO STA 5827 + 88.96 (CL MEDIAN)  
 STA 5830+83.04 TO STA 5875+27.05 (CL MEDIAN)

- |  |   |
|--|---|
| ① EXISTING CRC PAVEMENT 8"                 | ⑥ POLY. HMA BINDER COURSE, N105, IL-19.0, 2 1/4"  |
| ② EXISTING BIT SURFACE AND BINDER (3 1/4") | ⑦ POLY. HMA SURFACE COURSE, MIX. D, N105, 1 1/2"  |
| ③ EXISTING HMA SHOULDERS                   | ⑧ HMA SHOULDERS (3 1/4") (SEE MIX. REQ'S. SHT. 4) |
| ④ EXISTING STABILIZED SUB-BASE (4")        | ⑨ AGGREGATE WEDGE SHOULDERS, TY B                 |
| ⑤ HMA SURFACE REMOVAL, 1/2"                |   |

• MATCH EXISTING SLOPE

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION FAI 64 MAINLINE</b>		F.A.I. RTE. 64	SECTION 197-21RS-2	COUNTY WHITE	TOTAL SHEETS 34	SHEET NO. 6	
at\pwork\pwork\mcoordkr\2186975\sh	plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	<b>CONTRACT NO. 78211</b>	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
	PLOT DATE = 11/3/2010	DATE -	REVISED -									

TYPICAL SECTION  
 FAI 64 MAINLINE  
 IN DIRECTION OF TRAFFIC  
 (NOT TO SCALE)



TO BE USED AT MEDIAN CROSSOVER:

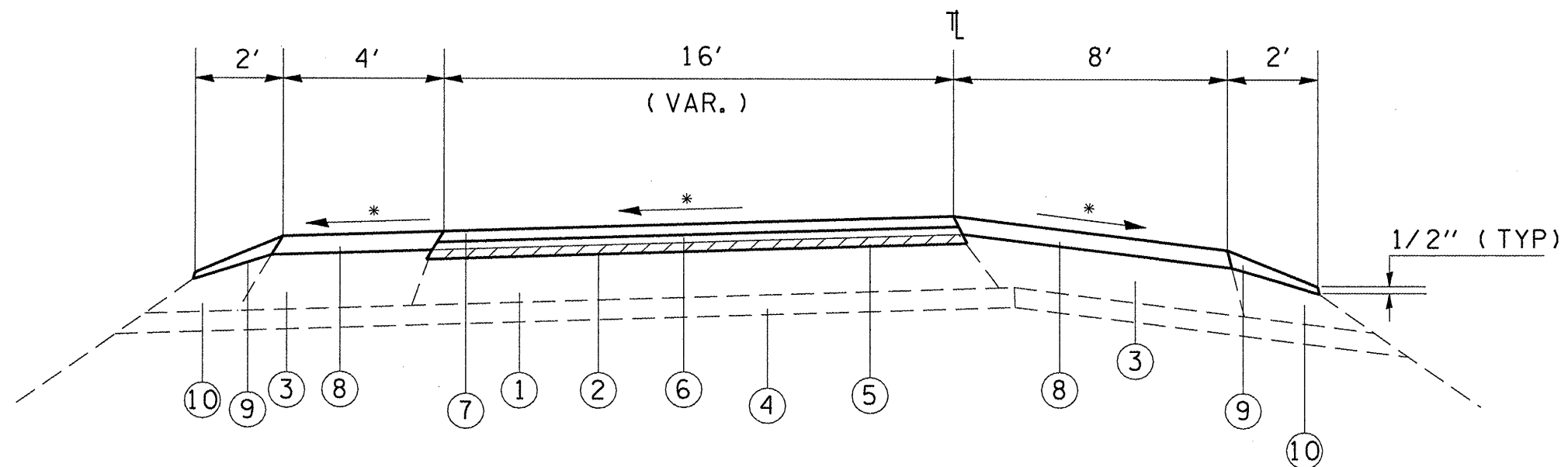
STA 5856+60 TO STA 5865+60 (CL MEDIAN)

- |  |   |
|--|---|
| ① EXISTING CRPCC PAVEMENT 8"                     | ⑦ POLY HMA SURFACE COURSE, MIX. D, N105 (1 1/2")              |
| ② EXISTING BIT SURFACE AND BINDER (3 1/4")       | ⑧ HMA SHOULDERS (3 1/4") (SEE MIX. REQ'S., SHT. 4)            |
| ③ EXISTING HMA SHOULDERS                         | ⑨ AGGREGATE WEDGE SHOULDERS, TY B                             |
| ④ EXISTING STABILIZED SUB-BASE (4")              | ⑩ INCIDENTAL HMA SURFACING (3 1/4") (SEE MIX. REQ'S., SHT. 4) |
| ⑤ HMA SURFACE REMOVAL, 1/2"                      | ⑪ EXISTING MEDIAN CROSSOVER                                   |
| ⑥ POLY HMA BINDER COURSE, N105, IL 19.0 (2 1/4") |   |

• MATCH EXISTING SLOPE

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION FAI 64 MEDIAN CROSSOVER</b>			F.A.I. RTE. 64	SECTION (97-2)RS-2	COUNTY WHITE	TOTAL SHEETS 34	SHEET NO. 7
at:\pwork\pvidot\mcoordkr\0186975\sh	plendgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -								CONTRACT NO. 78211	
	PLOT DATE = 11/3/2010	DATE -	REVISED -									

TYPICAL SECTION  
I-64 RAMPS  
(NOT TO SCALE)



TO BE USED:

- RAMP A: STA 70+40.00 TO STA 100+32.14
- RAMP B: STA 227+88.50 TO STA 251+89.00
- RAMP C: STA 303+04.00 TO STA 327+91.83
- RAMP D: STA 401+21.10 TO STA 428+15.00

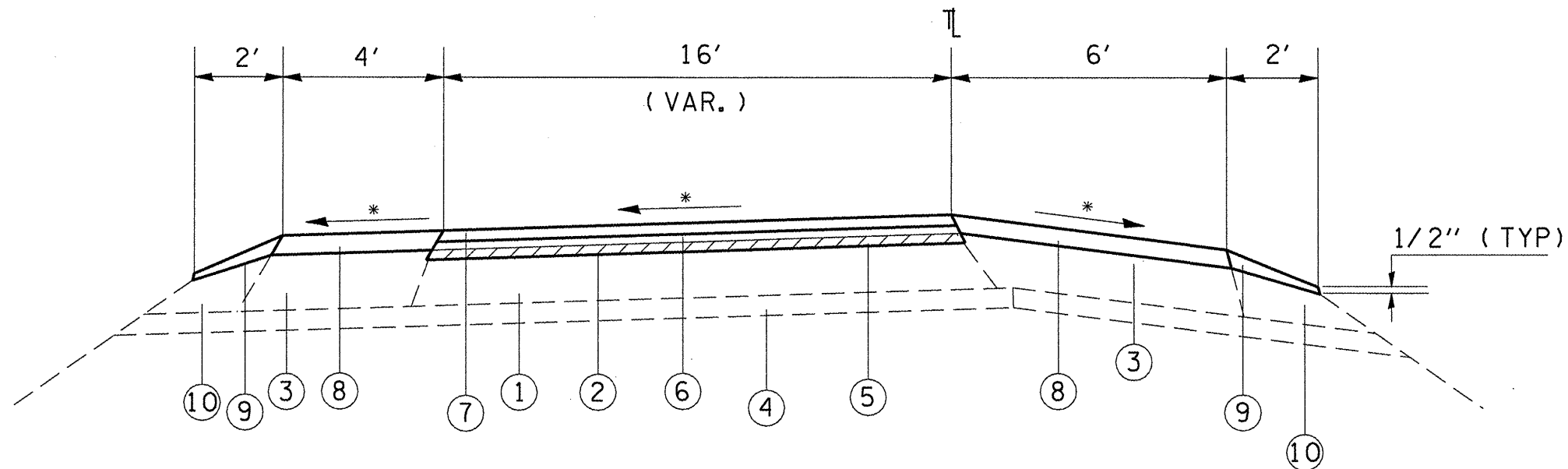
- ① EXISTING CRC PAVEMENT 8"
- ② EXISTING BIT SURFACE AND BINDER (3 1/4")
- ③ EXISTING HMA SHOULDERS
- ④ EXISTING STABILIZED SUB-BASE (4")
- ⑤ HMA SURFACE REMOVAL, 1/2"
- ⑥ POLY. HMA BINDER COURSE, N105, IL-19.0, 2 1/4"
- ⑦ POLY. HMA SURFACE COURSE, MIX. D, N105, 1 1/2"
- ⑧ HMA SHOULDERS (3 1/4") (SEE MIX. REQ'S. SHT. 4)
- ⑨ AGGREGATE WEDGE SHOULDERS, TY B
- ⑩ EXISTING EARTH WEDGE

• MATCH EXISTING SLOPE

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION FAI 64 RAMPS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
as\pw_vork\pwsdot\mcoordkr\d0188975\shht	plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	64	(97-2)RS-2	WHITE	34	8
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -										
	PLOT DATE = 11/3/2010	DATE -	REVISED -										
ILLINOIS FED. AID PROJECT													



TYPICAL SECTION  
 I-64 RAMPS AT WEST BOUND REST AREA @ INDIANA BORDER  
 (NOT TO SCALE)



TO BE USED:

ENTRANCE RAMP: LT. STA 5847+23 TO STA 5856+92.39

EQ STA 5856+92.39 (BK) = STA 0A+00 (AH)

LT. STA 0A+00 TO LT. STA 3A+43

EXIT RAMP: STA 5867+88 TO 5874+65

- |  |   |
|--|---|
| ① EXISTING CRC PAVEMENT 8"                 | ⑥ POLY. HMA BINDER COURSE, N105, IL-19.0, 2 1/4"  |
| ② EXISTING BIT SURFACE AND BINDER (3 1/4") | ⑦ POLY. HMA SURFACE COURSE, MIX. D, N105, 1 1/2"  |
| ③ EXISTING HMA SHOULDERS                   | ⑧ HMA SHOULDERS (3 1/4") (SEE MIX. REQ'S. SHT. 4) |
| ④ EXISTING STABILIZED SUB-BASE (4")        | ⑨ AGGREGATE WEDGE SHOULDERS, TY B                 |
| ⑤ HMA SURFACE REMOVAL, 1/2"                | ⑩ EXISTING EARTH WEDGE                            |

• MATCH EXISTING SLOPE

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION FAI 64 RAMPS TO REST AREA</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwidot\mcoordkr\08186975\sh	plandgn	DRAWN -	REVISED -			64	(97-2)RS-2	WHITE	34	9
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -				<b>CONTRACT NO. 78211</b>				
PLOT DATE = 11/3/2010	DATE -	REVISED -				SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

**PAVEMENT AND SHOULDER SCHEDULE - MAINLINE**

**EASTBOUND LANES**

LOCATION STATION TO STATION	LENGTH (INFO ONLY)	TEMPORARY RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1/2"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	INCIDENTAL HMA SURFACING	SHOULDERS				PRIME COAT		NOTES
								HOT-MIX ASPHALT		AGGREGATE		BITUMINOUS MATERIALS	AGGREGATE	
								10' OUTSIDE	4' INSIDE	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
FAI 64 (I-64) EASTBOUND			SO YD	SO YD	TON	TON	TON	TON	TON	TON	GAL	TON		
5800+32.00 TO 5800+97.00	65.0	13.3	127		15	8.0							SEE NOTE BELOW	
5800+62.00 TO 5827+59.00	2697.0			7192										
5800+97.00 TO 5827+23.95	2626.9				592	904					1260.9	21.0		
R+ 5800+32.00 TO 5801+19.87	87.9							18		2.1	12.3	0.3	OUTSIDE SHLD.	
R+ 5808+05.52 TO 5819+90.00	1184.5							240		28.1	118.4	2.0	OUTSIDE SHLD.	
L+ 5800+32.00 TO 5827+88.96	2757.0								223		110.3	1.9	INSIDE SHLD.	
5827+23.95 TO 5827+88.96	65.0	13.3	127		15	8							SEE NOTE BELOW	
OMISSION SN 097-0001 & SN 097-0002														
5830+83.04 TO 5831+48.00	65.0	13.3	127		15	8							SEE NOTE BELOW	
5831+13.00 TO 5874+97.00	4384.0			11691										
5831+48.00 TO 5874+62.05	4314.1				972	1479					2070.7	34.5		
L+ 5856+60.00 TO 5865+60.00	900.0						557				275.4	4.6	MEDIAN CROSSING	
L+ & R+ 5830+83.04 TO 5875+27.05	4444.0							899	360	105.4	105.4	622.2	10.4	
5874+62.05 TO 5875+27.05	65.0	13.3	127		15	8							SEE NOTE BELOW	
<b>EASTBOUND TOTALS</b>			<b>53</b>	<b>508</b>	<b>18883</b>	<b>1622</b>	<b>2415</b>	<b>557</b>	<b>1157</b>	<b>583</b>	<b>136</b>	<b>171</b>	<b>4470</b>	<b>76.9</b>

**WESTBOUND LANES**

LOCATION STATION TO STATION	LENGTH (INFO ONLY)	TEMPORARY RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1/2"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	INCIDENTAL HMA SURFACING	SHOULDERS				PRIME COAT		NOTES
								HOT-MIX ASPHALT		AGGREGATE		BITUMINOUS MATERIALS	AGGREGATE	
								10' OUTSIDE	4' INSIDE	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
FAI 64 (I-64) WESTBOUND			SO YD	SO YD	TON	TON	TON	TON	TON	TON	GAL	TON		
5800+32.00 TO 5800+97.00	65.0	13.3	127		15	8							SEE NOTE BELOW	
5800+62.00 TO 5827+59.00	2697.0			7192.0										
5800+97.00 TO 5827+23.95	2626.9				592	904					1260.9	21.0		
R+ 5800+32.00 TO 5827+88.96	2757.0								223		110.3	1.8	INSIDE SHLD.	
L+ 5811+00.00 TO 5820+87.00	987.0							200		23.4	98.7	1.6	OUTSIDE SHLD.	
5827+23.95 TO 5827+88.96	65.0	13.3	127		15	8							SEE NOTE BELOW	
OMISSION SN 097-0001 & SN 097-0002														
5830+83.04 TO 5831+48.00	65.0	13.3	127		15	8							SEE NOTE BELOW	
5831+13.00 TO 5874+97.00	4384.0			11691										
5830+83.04 TO 5875+27.05	4444.0				972	1479					2133.1	35.6		
L+ 5830+83.04 TO 5847+23.0	1640.0							332		38.9	164.0	2.7	OUTSIDE SHLD.	
L+ 5859+35.00 TO 5867+88.00	853.0							173		20.2	85.3	1.4	OUTSIDE SHLD.	
L+ 5874+65.00 TO 5875+27.05	62.1							13		1.5	6.2	0.1	OUTSIDE SHLD.	
R+ 5830+83.04 TO 5875+27.05	4444.0								360		177.8	3.0	INSIDE SHLD.	
5874+62.05 TO 5875+27.05	65.0	13.3	127		15	8							SEE NOTE BELOW	
<b>WESTBOUND TOTALS</b>			<b>53</b>	<b>508</b>	<b>18883</b>	<b>1622</b>	<b>2415</b>	<b>0</b>	<b>718</b>	<b>583</b>	<b>84</b>	<b>171</b>	<b>4036</b>	<b>67.3</b>

NOTE: 65 FT. TAPER LENGTH INCLUDES 30' HMA SURFACE REMOVAL-BUTT JOINT AND 35' OF HMA SURFACE REMOVAL - 1/2". SEE DETAIL, SHEET 28.

FILE NAME =	USER NAME = mccardkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINLINE PAVEMENT AND SHOULDER SCHEDULE</b>				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pwwork\pwwork\mccardkr\d0186975\sh	PLAN.dgn	DRAWN -	REVISED -		64	(97-2)RS-2	WHITE	34	10				
PLOT SCALE = 1/8" = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 78211				
PLOT DATE = 11/22/2010		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

**FAI 64 PAVEMENT AND SHOULDER SURFACING SCHEDULE**

**RAMPS AT THE FAI 64/ IL 1 INTERCHANGE**

LOCATION STATION TO STATION	LENGTH (INFO. ONLY)	LANE WIDTH	AREA (INFO. ONLY)	TEMPORARY RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1/2"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	SHOULDERS				PRIME COAT*		
									BITUMINOUS		AGGREGATE		BITUMINOUS MATERIALS	AGGREGATE	
									8' OUTSIDE	4' INSIDE	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
FAI 64 (I-64) RAMPS @ IL 1	FEET	FOOT	SO FT	SO YD	SO YD	SO YD	TON	TON	TON	TON	TON	TON	GAL	TON	
<b>RAMP A</b>															
70+40.00 TO 71+05.00	RAMP A	65.0	16.0		8.9	93.3									
70+70.00 TO 94+00.00	RAMP A	2330.0	16.0				4142								
70+40.00 TO 94+00.00	RAMP A	2360.0	16.0					355	534					755.2	12.6
94+00.00 TO 100+32.14	RAMP A	632.1	16.0 TO 1.0'	5372.0			597	51	72					107.5	1.8
L+ 70+40.00 TO 89+56.00		1916.0	4.0							155		45.5		76.6	1.3
Rt. 70+40.00 TO 100+32.14		2992.1	8.0								71.0			239.4	4.0
89+56.00 TO 94+00.00	GORE A	444.0		2505.0			278	23	35					50.1	0.8
<b>RAMP B</b>															
227+88.5 TO 230+91.00	RAMP B	302.5	16.0 TO 1.0'	2571.0			286	24	34					51.4	0.9
230+91.00 TO 251+89.00	RAMP B	2098.0	16.0				3730	316	474					671.4	11.2
Rt. 227+88.50 TO 251+89.00		2400.5	8.0							388		57.0		192.0	3.2
L+ 234+75.00 TO 251+89.00		1714.0	4.0								139		40.7	68.6	1.1
251+24.00 TO 251+89.00	RAMP B	65.0	16.0		8.9	93.3									
230+91.00 TO 234+75.00	GORE B	384.0		4437.0			493	41	62					88.7	1.5
<b>WESTBOUND RAMP SUBTOTALS</b>					17.8	187	9526	810	1211	872	294	128	86	2300.9	38.4
<b>RAMP C</b>															
303+04.00 TO 303+69.00	RAMP C	65.0	16.0		8.9	93.3									
303+04.00 TO 323+36.91	RAMP C	2032.9	16.0					306	459					650.5	10.8
323+36.91 TO 327+91.83	RAMP C	454.9	16' to 3'	4322.0			480	41	61					86.4	1.4
303+34.00 TO 323+36.91	RAMP C	2002.9	16.0				3561								
Rt. 303+04.00 TO 327+91.83		2487.8	8.0							402		59.0		199.0	3.3
L+ 303+04.00 TO 320+00.00		1696.0	4.0								137		40.2	67.8	1.1
320+00.00 TO 323+36.91	GORE C	336.9		2203.0			245	21	31					44.1	0.7
<b>RAMP D</b>															
401+21.10 TO 404+20.38	RAMP D	299.3	16.0 TO 1.0'	2394.0			266	24	34					47.9	0.8
404+20.38 TO 427+85.00	RAMP D	2364.6	16.0				4204								
404+20.38 TO 428+15.00	RAMP D	2394.6	16.0					360	542					766.3	12.8
L+ 408+00.00 TO 428+15.00		2015.0	4.0								163		47.8	80.6	1.3
Rt. 401+21.10 TO 428+15.00		2693.9	8.0							436		63.9		215.5	4.0
427+50.00 TO 428+15.00	RAMP D	65.0	16.0		8.9	93.3									
404+20.38 TO 408+00.00	GORE D	379.6		4430.0			492	41	62					88.6	1.5
<b>EASTBOUND RAMP SUBTOTALS</b>					17.8	187	9248	793	1189	838	300	123	88	2246.8	37.7
<b>IL 1 RAMP TOTALS</b>					36	374	18774	1603	2400	2304	300	425	88	4547.7	76.1

**RAMPS FOR THE WESTBOUND REST AREA**

LOCATION STATION TO STATION (IN DIRECTION OF MEDIAN CENTERLINE)	LENGTH (INFO. ONLY)	LANE WIDTH	AREA (INFO. ONLY)	TEMPORARY RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1/2"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	SHOULDERS				PRIME COAT*		
									BITUMINOUS		AGGREGATE		BITUMINOUS MATERIALS	AGGREGATE	
									6' OUTSIDE	4' INSIDE	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
FAI 64 (I-64) RAMPS @ REST AREA	FEET	FOOT	SO FT	SO YD	SO YD	SO YD	TON	TON	TON	TON	TON	TON	GAL	TON	
<b>ENTRANCE RAMP TO I-64</b>															
5847+23.00 TO 5854+92.41	ON RAMP	769.4	16.0 TO 1.0'	6540.0			727	61	87	93		18.3		177.0	3.0
Eq. Sta. 5854+92.41 (bk.) = Sta. 0A+00 (ch.)															
0A+00.00 TO 3A+43.00	ON RAMP	343.0	16.0				556	52	72					109.8	1.8
5856+92.39 TO 5859+35.00	GORE	242.6		2495.0			277	23	35					49.9	0.8
LT 0A+00.00 TO 3A+43.00	ON RAMP	343.0	6.0							42		8.1		20.6	0.3
RT 2A+30.00 TO 3A+43.00	ON RAMP	113.0	4.0		8.9	86.7					9		2.7	4.5	0.1
<b>EXIT RAMP FROM I-64</b>															
5867+88.00 TO 5871+61.41	OFF RAMP	373.4	16.0		8.9	86.7	610	56	79					119.5	2.0
LT 5867+88.00 TO 5874+65.00	OFF RAMP	677.0	6.0							82		16.1		40.6	0.7
5871+61.41 TO 5875+27.06	OFF RAMP	365.6	16.0 TO 1.0'	3108.0			345	29	41					62.2	1.0
5867+88.00 TO 5871+61.41	GORE	373.4		4578.0			509	43	64					91.6	1.5
<b>REST AREA RAMP TOTALS</b>					18	174	3024	265	378	217	9	42	3	675.6	11.2

Note: Prop. Poly. Bit. Material (Pr. Ct.) and Pr. Aggregate (Pr. Ct.) shall be calculated in 2 layers, once over the milled surface and once over the ex. bit. Shoulders and Pr. Poly. HMA Binder Course.



GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	Existing Length (Inform. Only) FOOT	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A. 6 FT. POSTS FOOT	TRAFFIC BARRIER TERMINAL				TERMINAL MARKERS - DA EACH	GUARDRAIL MARKERS - TA EACH	CONC. SUPER-STRUC. CU YD	REINF. BARS (EPOX. CT.) POUNDS	BRIDGE HANDRAIL REMOVAL FOOT
				TY 1, SPL (TAN) EACH	TYPE 2 EACH	TYPE 6 EACH	TYPE 10 EACH					
<b>EASTBOUND FAI 64</b>												
<b>097-0001 WEST OUTSIDE APPROACH</b>												
RT 5824+93.00												
RT 5824+93.00 TO RT 5827+88.96	296	296						1				
RT 5825+33.00 TO RT 5827+46.00			212.5						4			
RT 5827+88.96						1				0.27	55.4	9.0
<b>097-0001 WEST MEDIAN APPROACH</b>												
LT 5824+54.00												
LT 5826+69.00 TO LT 5827+88.96	120	120						1				
LT 5825+03.96 TO LT 5827+45.21			250.0						4			
LT 5827+88.96						1				0.27	55.4	9.0
<b>097-0001 EAST OUTSIDE DEPARTURE</b>												
RT 5830+83.04												
RT 5830+83.04 TO RT 5849+76.79	1894	1894										
RT 5830+83.04 TO RT 5849+64.29			1887.5						26			
RT 5849+76.79								1				
<b>097-0003 WEST OUTSIDE APPROACH</b>												
RT 5871+01.00												
RT 5871+01.00 TO RT 5875+27.05	426	426						1				
RT 5871+51.00 TO RT 5874+83.30			337.5						4			
RT 5875+27.05						1				0.27	55.4	9.0
<b>097-0003 WEST MEDIAN APPROACH</b>												
LT 5871+01.00												
LT 5871+01.00 TO LT 5875+27.05	426	426						1				
LT 5871+51.00 TO LT 5874+83.30			337.5						4			
LT 5875+27.05						1				0.27	55.4	9.0
<b>SUBTOTALS FAI 64 EASTBOUND</b>		<b>3162</b>	<b>3025</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>42</b>	<b>1.06</b>	<b>221.6</b>	<b>36.0</b>
<b>WESTBOUND FAI 64</b>												
<b>097-0002 WEST OUTSIDE DEPARTURE</b>												
LT 5824+57.00												
LT 5824+57.71 TO LT 5827+88.96	331	331				1			1			
LT 5824+70.00 TO LT 5827+88.96			325.0						4			
LT 5827+88.96								1				
<b>097-0002 EAST OUTSIDE APPROACH</b>												
LT 5830+83.04												
LT 5830+83.04 TO LT 5850+26.79	1944	1944				1				0.27	55.4	9.0
LT 5831+14.00 TO LT 5849+76.79			1862.5						24			
LT 5850+26.79						1			1			
<b>097-0002 EAST MEDIAN APPROACH</b>												
RT 5830+83.04												
RT 5830+83.04 TO RT 5832+26.79	144	144				1				0.27	55.4	9.0
RT 5831+27.00 TO RT 5833+81.00			262.5						4			
RT 5834+31.00						1			1			
<b>097-0004 WEST OUTSIDE DEPARTURE</b>												
LT 5872+40.00												
LT 5873+62.00 TO LT 5875+27.05	165	165				1			1			
LT 5872+52.05 TO LT 5875+27.05			275.0						4			
LT 5875+27.05								1				
<b>097-0004 WEST MEDIAN DEPARTURE</b>												
RT 5868+39.55												
RT 5868+52.00 TO RT 5875+27.05	675	675				1			1			
RT 5868+52.50 TO RT 5875+27.05			675.0						9			
RT 5875+27.05								1				
<b>SUBTOTALS FAI 64 WESTBOUND</b>		<b>3259</b>	<b>3400</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>45</b>	<b>0.53</b>	<b>110.8</b>	<b>18.0</b>
<b>PROJECT TOTALS:</b>		<b>6420.62</b>	<b>6421</b>	<b>6425</b>	<b>6.0</b>	<b>4.0</b>	<b>6.0</b>	<b>4.0</b>	<b>10.0</b>	<b>1.59</b>	<b>332.4</b>	<b>54.0</b>

**PAVEMENT MARKING SCHEDULE**  
**FAI 64 EASTBOUND LANES AND RAMPS**

LOCATION STATION TO STATION	LENGTH ( INFORMATION ONLY)	PREFORMED PLASTIC LINE 6"	PREFORMED PLASTIC LINE 4"		PREF. PLASTIC LINE 8" ( ON RAMP GORES)	SHORT-TERM PAVEMENT MARKING		TEMP PAVT MRK - LINE 6"	TEMP PAVT MRK - LINE 4"	TEMP PAVT MRK - LINE 8"	NOTES
		WHITE ( SKIP-DASH)	SOLID YELLOW ( LT EOP)	SOLID WHITE ( RT EOP)	SOLID WHITE	MAINLINE SKIP-DASH	SHOULDER SKIP-DASH	MAINLINE SKIP-DASH	SHOULDER STRIPE	GORE STRIPE	
FAI 64 ( I-64) EASTBOUND		FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	
MAINLINE											
	5800+32.00 TO 5827+88.96	2757	690			440		690			
LT	5800+32.00 TO 5827+88.96	2757	2757						2757		
RT	5800+32.00 TO 5801+20.00	88		88			4		88		RT. 10' SHLD.
RT	5804+26.39 TO 5808+05.52	379			380					380	
RT	5808+05.00 TO 5819+90.00	1185		1185			48		1185		RT. 10' SHLD.
RT	5819+90.00 TO 5821+30.00	140			140					140	
OMIT STR. NO. 097-0001											
	5830+83.04 TO 5875+27.05	4444	1110			712		1110			
LT	5830+83.04 TO 5875+27.05	4444	4444						4444		
RT	5830+83.04 TO 5875+27.05	4444		4444			180		4444		
RAMP D											
RT	401+21.10 TO 428+15.00	2694		2694			108		2694		RT. 6' SHLD.
LT	404+20.38 TO 408+00.00	380			380					380	
LT	408+00.00 TO 428+15.00	2015	2015						2015		
RAMP C											
LT	303+04.00 TO 320+00.00	1696	1696						1696		
LT	320+00.00 TO 321+35.00	135			135					135	
RT	303+04.00 TO 327+92.00	2488		2488			100		2488		RT. 6' SHLD.
LT	321+34.00 TO 325+00.00	366	100					100			
SUBTOTALS			1900	10912	10899	1035	1152	439	1900	21811	1035
EASTBOUND TOTALS			1900	21811		1035	1591		1900	21811	1035

**PAVEMENT MARKING SCHEDULE**  
**FAI 64 WESTBOUND LANES AND RAMPS**

LOCATION STATION TO STATION	LENGTH ( INFORMATION ONLY)	PREFORMED PLASTIC LINE 6"	PREFORMED PLASTIC LINE 4"		PREF. PLASTIC LINE 8" (ON RAMP GOES)	SHORT-TERM PAVEMENT MARKING		TEMP PAVT MRK - LINE 6"	TEMP PAVT MRK - LINE 4"	TEMP PAVT MRK - LINE 8"	NOTES	
		WHITE (SKIP-DASH)	SOLID WHITE (LT EOP)	SOLID YELLOW (RT EOP)	SOLID WHITE	MAINLINE SKIP-DASH	SHOULDER SKIP-DASH	MAINLINE SKIP-DASH	SHOULDER STRIPE	GORE STRIPE		
FAI 64 (I-64) WESTBOUND	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET		
MAINLINE												
5800+32.00 TO 5827+88.96	2757.0	690		2757		440		690	2757		M. L. & RT. SHLD.	
LT 5809+75.00 TO 5811+00.00	125.0				125					125	ALONG GORE	
LT 5811+00.00 TO 5820+87.00	987.0		987				40		987			
LT 5820+87.00 TO 5825+27.00	440.0				440					440	ALONG GORE	
OMIT STR. NO. 097-0002												
5830+83.00 TO 5875+27.00	4444.0	1110		4444		712		1110	4444		M. L. & RT. SHLD.	
LT 5830+83.00 TO 5847+23.00	1640.0		1640				68		1640			
LT 5856+92.00 TO 5859+35.00	243.0				243					243		
LT 5859+35.00 TO 5867+88.00	853.0		853				36		853			
LT 5867+88.00 TO 5871+63.00	375.0				375					375		
LT 5874+65.00 TO 5875+27.05	62.1		62						62			
RAMP A												
RT 70+40.00 TO 100+32.14	2992		2992				120		2992		SEE NOTE BELOW	
LT 70+40.00 TO 89+56.00	1916			1916					1916		SEE NOTE BELOW	
LT 89+56.00 TO 90+81.00	125				125					125		
LT 90+81.00 TO 94+00.00	319	80						80				
RAMP B												
RT 227+88.0 TO 251+89.0	2401		2401				96		2401		SEE NOTE BELOW	
LT 230+50.0 TO 234+90.0	440				440					440		
LT 234+90.0 TO 251+89.0	1699			1699					1699		SEE NOTE BELOW	
ENTRANCE RAMP TO FAI 64 FROM REST AREA												
LT 5847+23.0 TO 5856+93.0	970		970				40		970		SEE NOTE BELOW	
LT 0 TO 343	343		343				14		343		SEE NOTE BELOW	
RT 0 TO 230	230				230					230		
LT 5854+92.41 TO 5856+92.39	200	50						50				
RT 230 TO 343	113			113					113			
EXIT RAMP FROM FAI 64 TO REST AREA												
LT 5867+88.00 TO 5874+65.00	677		677				28		677		SEE NOTE BELOW	
LT 5867+88.00 TO 5871+63.00	375				375					375		
<b>SUBTOTALS</b>			1930	10925	10929	2353	1152	442	1930	21854	2353	
<b>WESTBOUND TOTALS</b>			1930	21854		2353	1594		1930	21854	2353	
<b>PROJECT TOTALS</b>			3830	43665		3388	3185		3830	43665	3388	

NOTE: FOR THE RAMPS, THE SOLID WHITE LINE IS ON THE RIGHT EDGE OF PAVEMENT AND THE SOLID YELLOW LINE IS ON THE LEFT EDGE OF PAVEMENT.

**RAISED REFLECTIVE PAVEMENT MARKERS AND  
DELINEATOR SCHEDULE  
EASTBOUND LANES AND RAMPS**

LOCATION STATION TO STATION				LENGTH (INFORMATION ONLY)	SHOULDER RUMBLE STRIP	DELINEATORS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS		NOTES	
								CRYSTAL	AMBER		
<b>FAI 64 (I-64) EASTBOUND</b>				<b>FEET</b>	<b>FEET</b>	<b>EACH</b>	<b>EACH</b>	<b>EACH</b>	<b>EACH</b>		
<b>MAINLINE</b>											
RT	5800+32.00	TO	5801+19.87	87.9	88	1					
	5800+32.00	TO	5827+88.96	2757.0			35	35		MAINLINE ALONG RAMP D	
RT	5804+26.39	TO	5808+05.52	379.1			10	10			
RT	5808+05.52	TO	5819+90.00	1184.5	1185	4					
SN 097-0001 - STA 5827+88.96 TO STA 5830+83.04											
RT	5830+83.04	TO	5875+27.05	4444.0	4444.0						
	5830+83.04	TO	5875+27.05	4444.0			56	56			
RT	5849+76.79	TO	5871+01.00	2124.2		6					
LT	5800+32.00	TO	5827+88.96	2757.0	2757.0						
LT	5830+83.04	TO	5875+27.05	4444.0	4444.0						
<b>RAMP D</b>											
RT	401+21.10	TO	407+81.90	660.8		7		34			
RT	407+81.90	TO	414+06.59	624.7		6					
RT	414+06.59	TO	428+15.00	1408.4		15					
LT	404+20.38	TO	408+00.00	379.6				10			
LT	408+00.00	TO	414+06.59	606.6		7			16		
LT	414+06.59	TO	428+15.00	1408.4		14					
<b>RAMP C</b>											
RT	303+04.00	TO	325+00.00	2196.0		23					
LT	303+04.00	TO	320+00.00	1696.0		19					
<b>MEDIAN CROSSOVER</b>											
LT	5856+60.00	TO	5865+60.00			20				SEE DETAIL, SHT. 29	
<b>SUBTOTALS</b>						12918	122	161	145	16	
<b>EASTBOUND TOTALS</b>						12918	122	161	145	16	

**RAISED REFLECTIVE PAVEMENT MARKERS AND  
DELINEATOR SCHEDULE  
WESTBOUND LANES AND RAMPS**

LOCATION STATION TO STATION				LENGTH (INFORMATION ONLY)	SHOULDER RUMBLE STRIP	DELINEATORS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS		NOTES	
								CRYSTAL	AMBER		
<b>FAI 64 (I-64) WESTBOUND</b>				<b>FEET</b>	<b>FEET</b>	<b>EACH</b>	<b>EACH</b>	<b>EACH</b>	<b>EACH</b>		
<b>MAINLINE</b>											
RT	5800+32.00	TO	5827+88.96	2757.0	2757.0						
	5800+32.00	TO	5827+88.96	2757.0			35	35			
LT	5811+00.00	TO	5820+87.00	987.0		3					
LT	5820+87.00	TO	5824+86.54	399.5			5	5		ALONG RAMP B	
SN 097-0002 - STA 5827+88.96 TO STA 5830+83.04											
RT	5830+83.04	TO	5875+27.05	4444.0	4444.0						
	5830+83.04	TO	5875+27.05	4444.0			56	56			
LT	5830+83.04	TO	5847+23.0	1640.0	1640.0						
LT	5859+35.00	TO	5867+88.00	853.0	853.0	3				ALONG FAI 64 EXIT RAMP TO RA	
LT	5867+88.00	TO	5871+61.41	373.4			5	5			
<b>RAMP A</b>											
RT	70+40.00	TO	100+32.14	2992.1		31					
LT	70+40.00	TO	89+56.00	1916.0		20					
<b>RAMP B</b>											
RT	230+91.00	TO	251+89.00	2098.0		22					
RT	227+88.50	TO	234+75.00	686.5			35	35			
LT	234+75.00	TO	251+89.00	1714.0		18					
LT	230+91.00	TO	234+75.00	384.0			10	10			
LT	234+75.00	TO	237+00.00	225.0			6		6		
<b>REST AREA ENTRANCE RAMP TO FAI 64</b>											
LT	5850+26.00	TO	5856+92.39	667.0		8					
EO STA 5856+92.39 (BK) = STA 0A+00 (AH)											
LT	0A+00	TO	3A+43	343.0		4					
RT	2A+50	TO	3A+43	93.0		2					
<b>REST AREA EXIT RAMP FROM FAI 64</b>											
LT	5867+88.0	TO	5875+27.0	739.0			37	37			
LT	5867+88.0	TO	5871+01.0	313.0		4					
LT	5867+88.0	TO	5871+61.4	373.4			10	10		ALONG GORE	
<b>SUBTOTALS</b>						10681	115	199	193	6	
<b>WESTBOUND TOTALS</b>						10681	115	199	193	6	
<b>PROJECT TOTALS</b>						23599	237	360	360		





PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 951 FT.  
 RT. STA. 90+80.90 TO RT. STA. 100+32.14

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (YELLOW) - 2757 FT.  
 RT. STA. 5800+32 TO RT. STA. 5827+89

FAI 64 WEST BOUND LANES  
 FAI 64 MEDIAN  
 FAI 64 EAST BOUND LANES

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 2694 FT  
 RT. STA. 401+21 TO  
 RT. STA. 428+15

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 8"  
 (WHITE) - 380 FT.  
 RT. STA. 5804+26.39 TO RT. STA. 5808+05.52

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 8"  
 (WHITE) - 380 FT.  
 LT. STA. 404+20 TO LT. STA. 408+00

PROP. PROJECT BEGINS  
 STA 5800+32.00 ( BUTT JT )  
 SAW CUT FOR HMA SURFACE REMOVAL -  
 BUTT JOINT

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (YELLOW) - 2757 FT.  
 LT. STA. 5800+32 TO LT. STA. 5827+89

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (WHITE) - 88 FT.  
 RT. STA. 5800+32 TO RT. STA. 5801+20

NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED  
 ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAI 64 PAVEMENT MARKING</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at:\pw\work\p\idot\mcoordkr\08186975\sh	plan.dgn	DRAWN -	REVISED -			64	197-2RS-2	WHITE	34	17	
PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -	REVISED -			<b>CONTRACT NO. 78211</b>					
PLOT DATE = 11/3/2010	DATE -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 2041 FT.  
 RT. STA. 70+40 TO RT. STA. 90+80.90

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (YELLOW) - 1916 FT.  
 LT. STA. 70+40 TO LT. STA. 89+56

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) -  
 LT. STA. 89+56 TO LT. STA. 90+81  
 - 125 FT.  
 LT. STA. 5809+75 TO LT. STA. 5811+00  
 - 125 FT.

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 6"  
 (SKIP-DASH WHITE) - 80 FT.  
 LT. STA. 90+81 TO LT. STA. 94+00

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (YELLOW) - 1699 FT  
 LT. STA. 234+90 TO  
 LT. STA. 251+89

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 6"  
 (WHITE SKIP-DASH) - 690 FT.  
 STA. 5800+32 TO  
 STA. 5827+89

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (WHITE) - 987 FT.  
 LT. STA. 5811+00 TO LT. STA. 5820+87

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (WHITE) - 1185 FT.  
 RT. STA. 5808+05 TO RT. STA. 5819+90

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 6"  
 (WHITE SKIP-DASH) - 690 FT.  
 STA. 5800+32 TO STA. 5827+89

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) - 140 FT  
 RT. STA. 5819+90 TO  
 RT. STA. 5821+30

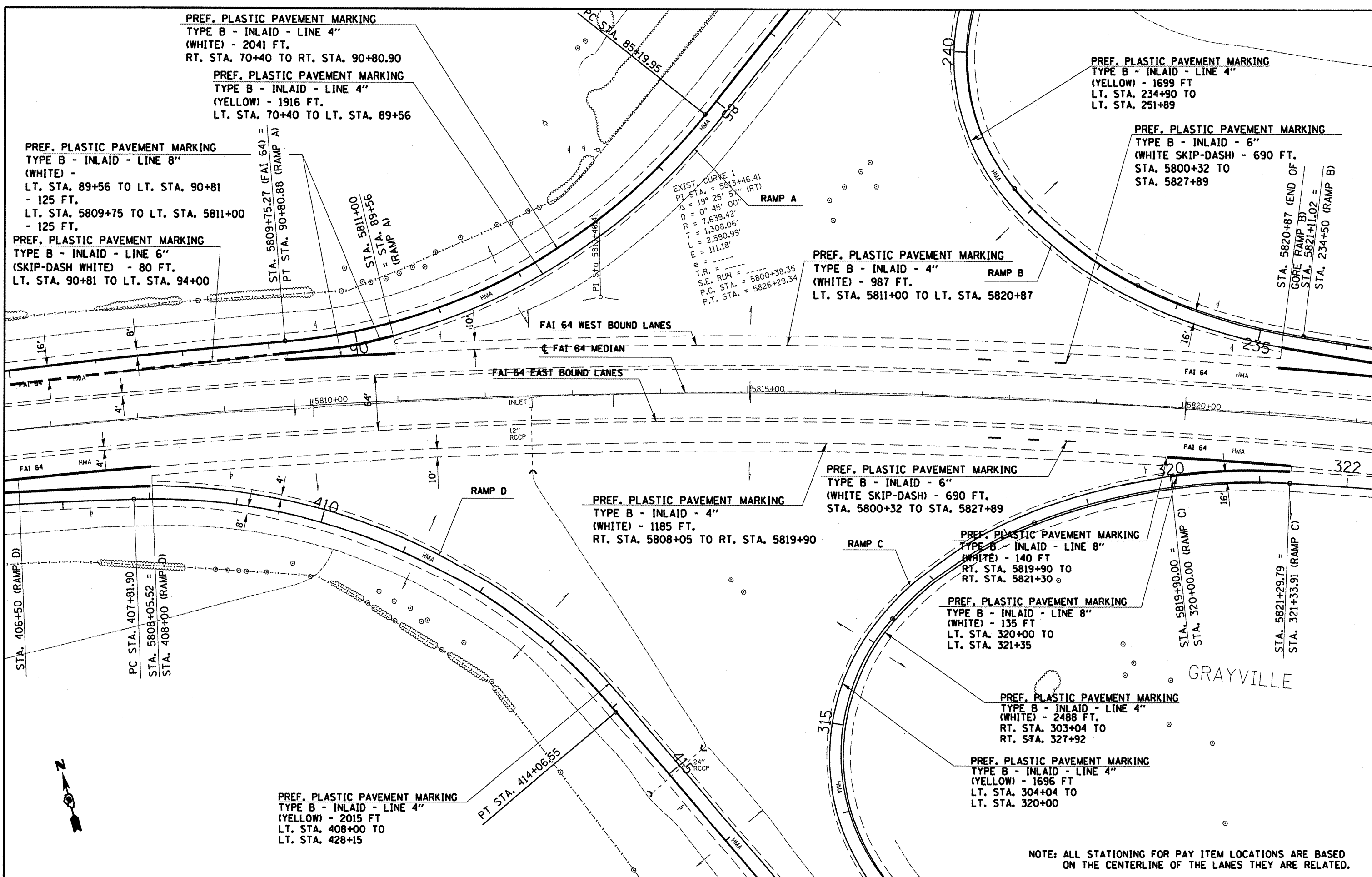
PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) - 135 FT  
 LT. STA. 320+00 TO  
 LT. STA. 321+35

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 2488 FT.  
 RT. STA. 303+04 TO  
 RT. STA. 327+92

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (YELLOW) - 1696 FT  
 LT. STA. 304+04 TO  
 LT. STA. 320+00

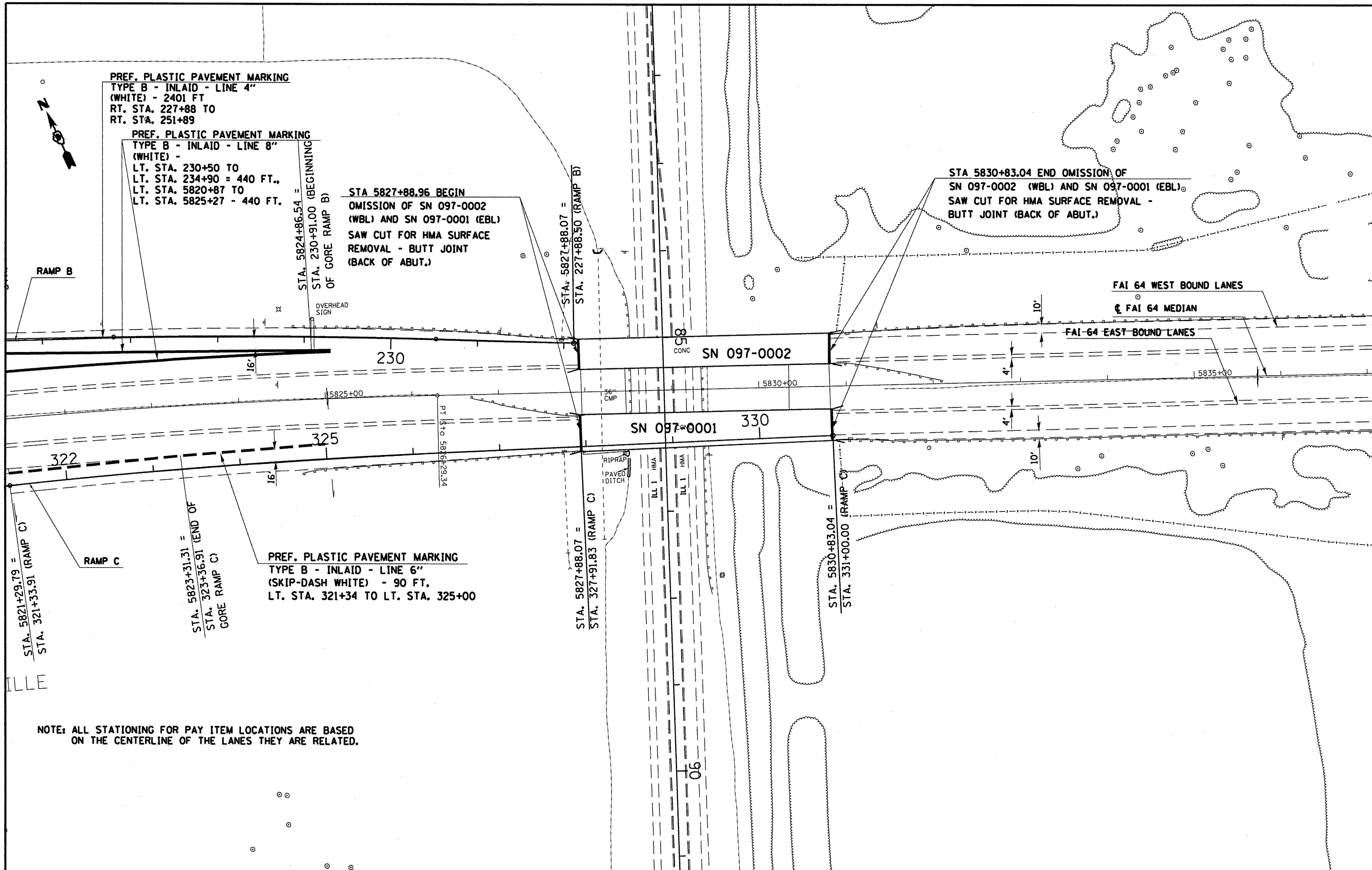
PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (YELLOW) - 2015 FT  
 LT. STA. 408+00 TO  
 LT. STA. 428+15

EXIST. CURVE 1  
 PI STA. = 5813+46.41  
 $\Delta = 19^\circ 25' 57''$  (RT)  
 $D = 0^\circ 45' 00''$   
 $R = 7,639.42'$   
 $T = 1,308.06'$   
 $L = 2,590.99'$   
 $E = 111.18'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN = 5800+38.35$   
 $P.C. STA. = 5826+29.34$   
 $P.T. STA. = 5826+29.34$



NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAI 64 PAVEMENT MARKING</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at:\pwork\pwidot\mcoordkr\08186975\sh1	plan.dgn	DRAWN -	REVISED -			64	197-21RS-2	WHITE	34	18	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78211					
PLOT DATE = 11/3/2018		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: SHEET NO. OF SHEETS STA. TO STA.											



PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 2401 FT  
 RT. STA. 227+88 TO  
 RT. STA. 251+89

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) -  
 LT. STA. 230+50 TO  
 LT. STA. 234+90 = 440 FT.,  
 LT. STA. 5820+87 TO  
 LT. STA. 5825+27 - 440 FT.

STA 5827+88.96 BEGIN  
 OMISSION OF SN 097-0002  
 (WBL) AND SN 097-0001 (EBL)  
 SAW CUT FOR HMA SURFACE  
 REMOVAL - BUTT JOINT  
 (BACK OF ABUT.)

STA 5830+83.04 END OMISSION OF  
 SN 097-0002 (WBL) AND SN 097-0001 (EBL).  
 SAW CUT FOR HMA SURFACE REMOVAL -  
 BUTT JOINT (BACK OF ABUT.)

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 6"  
 (SKIP-DASH WHITE) - 90 FT.  
 LT. STA. 321+34 TO LT. STA. 325+00

NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED  
 ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

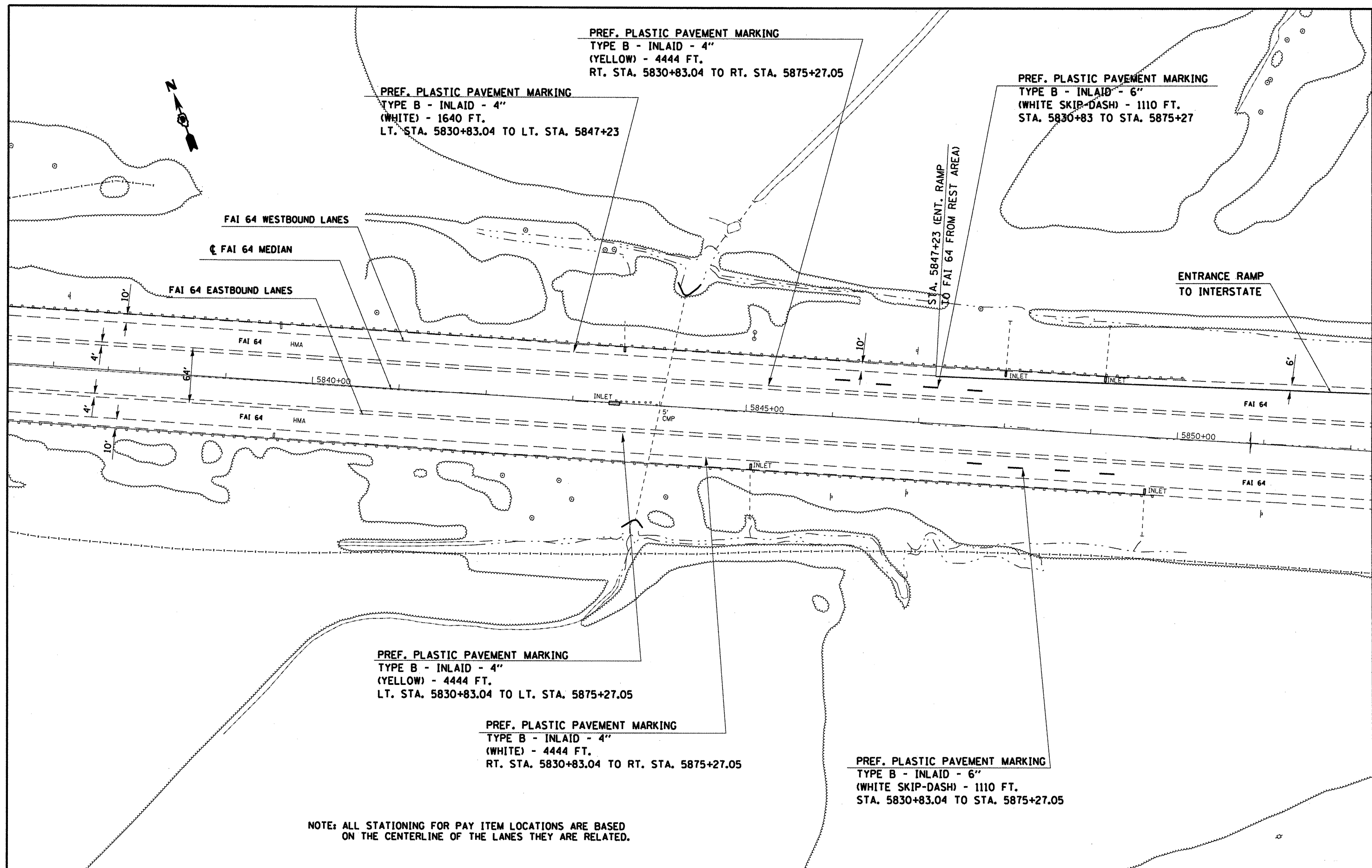
FILE NAME =	USER NAME = mecordkr	DESIGNED -	REVISED -
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	PLOT SCALE = 182.9412' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2010	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAI 64 PAVEMENT MARKING**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(97-2)RS-2	WHITE	34	19
CONTRACT NO. 78211				
ILLINOIS FED. AID PROJECT				



NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI 64 PAVEMENT MARKING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwido\mcaordkr\10186975\sh	plan.dgn	DRAWN -	REVISED -			64	197-21RS-2	WHITE	34	20	
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78211					
	PLOT DATE = 11/3/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.	



PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 343 FT.  
 LT. STA. 0A+00 TO LT. STA. 3A+43

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) - 230 FT  
 RT. STA. 0A+00 TO RT. STA. 2A+30

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (WHITE) - 243 FT  
 LT. STA. 5856+92 TO LT. STA. 5859+35

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 8"  
 (YELLOW) -113 FT  
 RT. STA. 2A+30 TO RT. STA. 3A+43

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 4"  
 (WHITE) - 970 FT.  
 LT. STA. 5847+23 TO LT. STA. 5856+92.39

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - LINE 4"  
 (WHITE) - 853 FT  
 LT. STA. 5859+35 TO LT. STA. 5867+88

PREF. PLASTIC PAVEMENT MARKING  
 TYPE B - INLAID - 6"  
 (SKIP-DASH WHITE) - 50 FT.  
 LT. STA. 5854+92.41 TO LT. STA. 5856+92.39

FOR MEDIAN RESURFACING.  
 SEE DETAILS, SHT. 7 & 29.

PROP. MEDIAN RESURFACING BEGINS  
 LT. & RT. STA. 5865+60

PROP. MEDIAN RESURFACING BEGINS  
 LT. & RT. STA. 5856+60

EXIST. CURVE 2  
 P.I. STA. = 5864+56.29  
 $\Delta = 75^\circ 37' 40''$  (LT.)  
 $\Delta = 0^\circ 30' 00''$   
 $R = 1,459.21'$   
 $L = 1,525.56'$   
 $E = 25.43'$   
 T.R. =  
 S.E. RUN = 5856+92.38  
 P.C. STA. = 5872+17.95  
 P.T. STA. = 5872+17.95

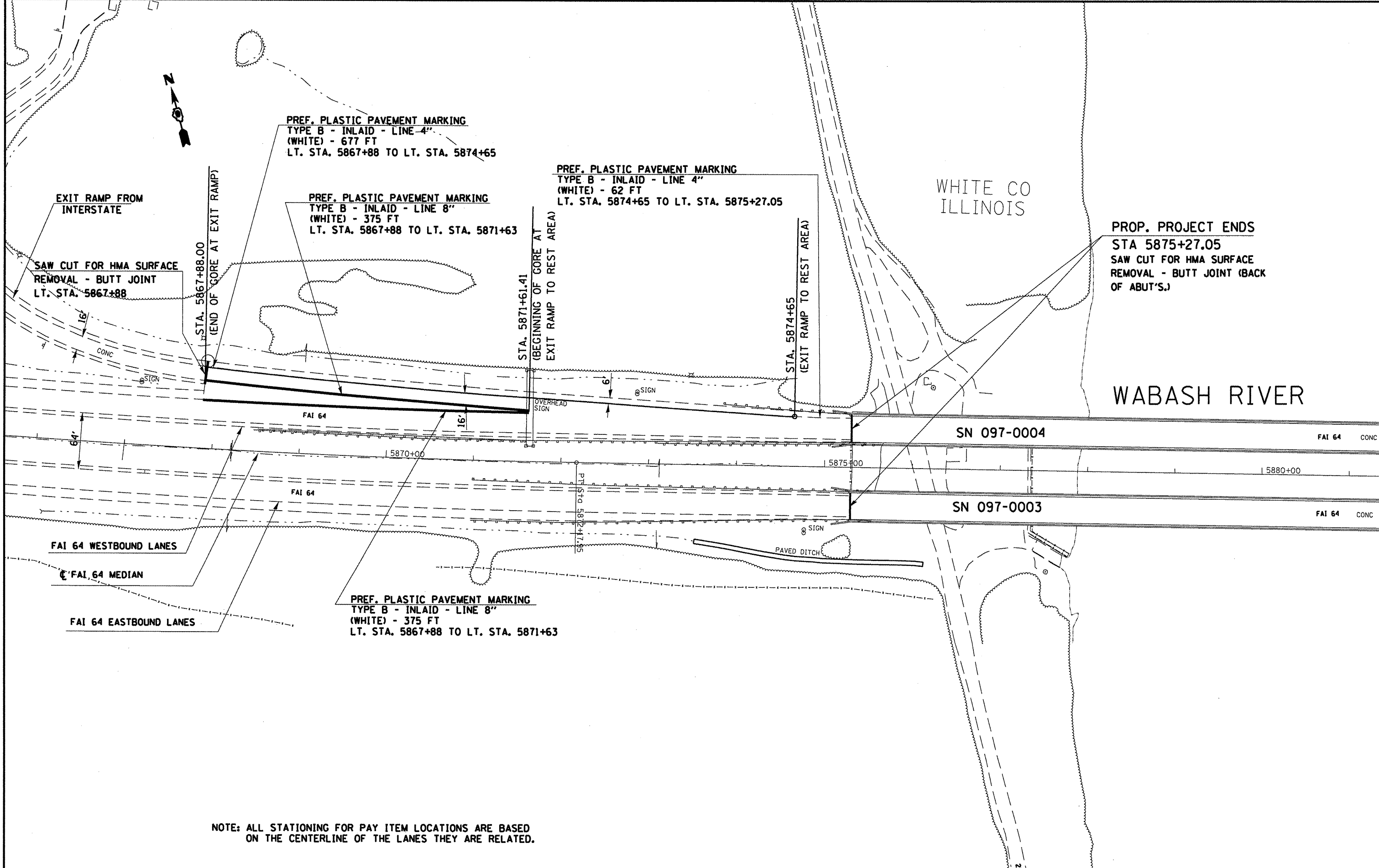
FAI 64 WESTBOUND LANES

FAI 64 MEDIAN

FAI 64 EASTBOUND LANES

NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

FILE NAME c:\pw_work\pwidot\mccordk	USER NAME mccordk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI 64 PAVEMENT MARKING			F.A.I. RTE. 64	SECTION 197-2RS-2	COUNTY WHITE	TOTAL SHEETS 34	SHEET NO. 21
	PLOT SCALE 1/320.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	TO STA.	CONTRACT NO. 78211		
	PLOT DATE 11/3/2010	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -
c:\pwwork\pwwork\mcoordkr\d0186975\sh	plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FAI 64 PAVEMENT MARKING</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	197-2IRS-2	WHITE	34	22
CONTRACT NO. 78211				
ILLINOIS FED. AID PROJECT				

NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

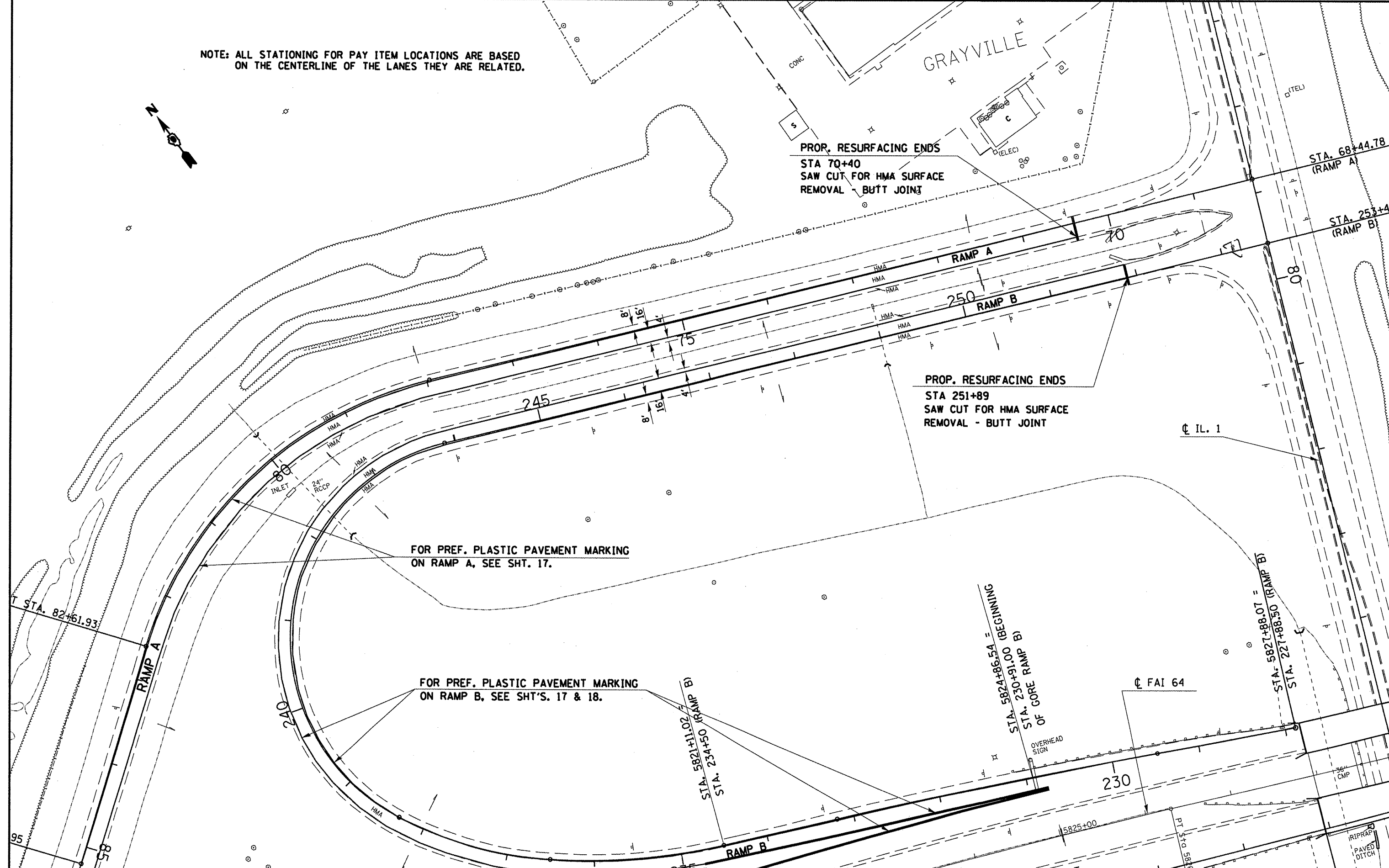


PROP. RESURFACING ENDS  
STA 70+40  
SAW CUT FOR HMA SURFACE  
REMOVAL - BUTT JOINT

PROP. RESURFACING ENDS  
STA 251+89  
SAW CUT FOR HMA SURFACE  
REMOVAL - BUTT JOINT

FOR PREF. PLASTIC PAVEMENT MARKING  
ON RAMP A, SEE SHT. 17.

FOR PREF. PLASTIC PAVEMENT MARKING  
ON RAMP B, SEE SHT'S. 17 & 18.



FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -
at:\pw\work\pwidot\mcaordkr\d8186975\sh	plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2010	DATE -	REVISED -

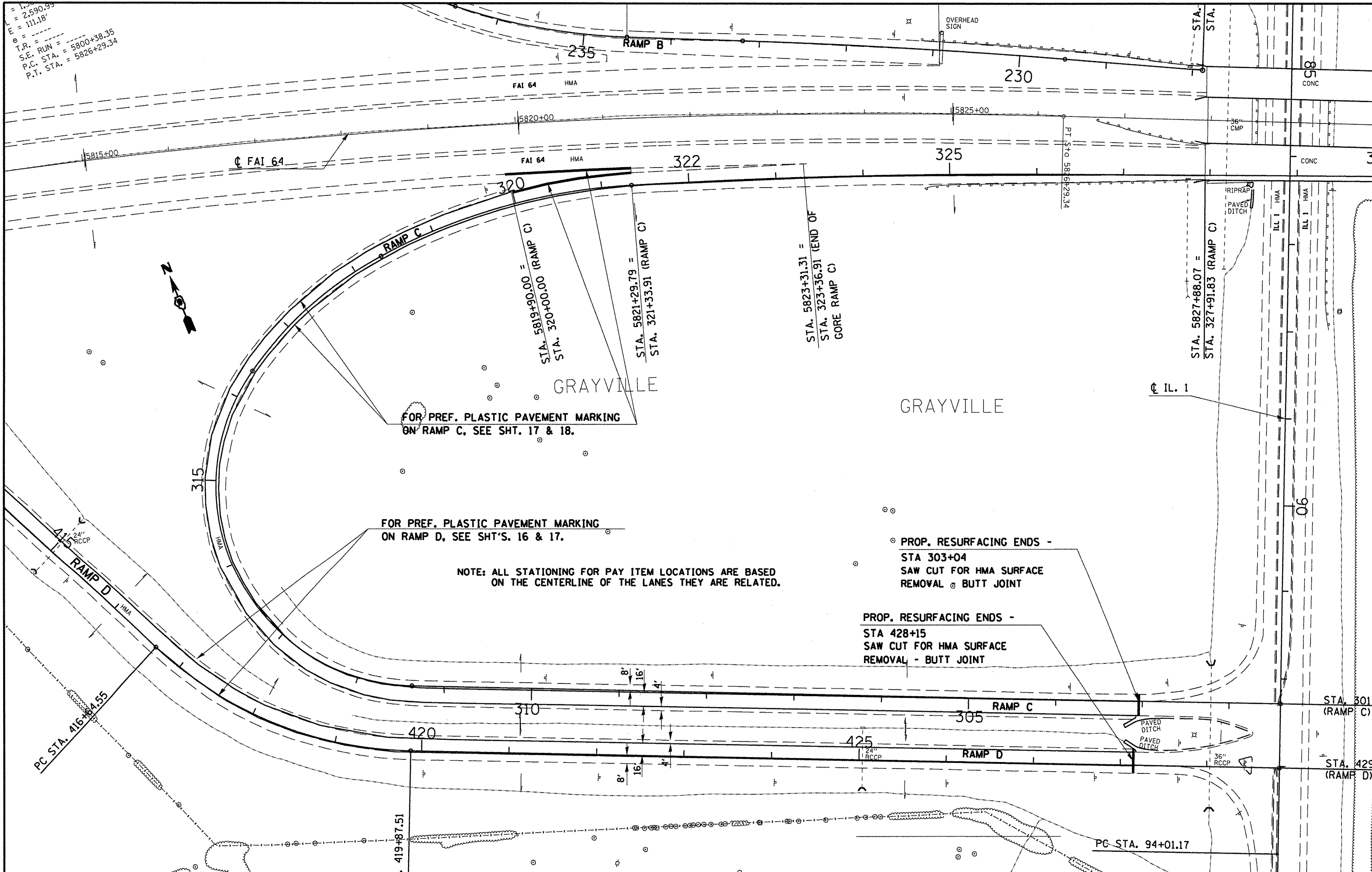
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI 64 PLAN LAYOUT  
RAMPS A AND B**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	197-21RS-2	WHITE	34	23
CONTRACT NO. 78211			ILLINOIS FED. AID PROJECT	

L = 1.37  
 E = 2,590.95  
 E = 111.18'  
 T.R. =  
 S.E. RUN = 5800+38.35  
 P.C. STA. = 5826+29.34  
 P.T. STA. = 5826+29.34



FOR PREF. PLASTIC PAVEMENT MARKING ON RAMP C, SEE SHT. 17 & 18.

FOR PREF. PLASTIC PAVEMENT MARKING ON RAMP D, SEE SHT'S. 16 & 17.

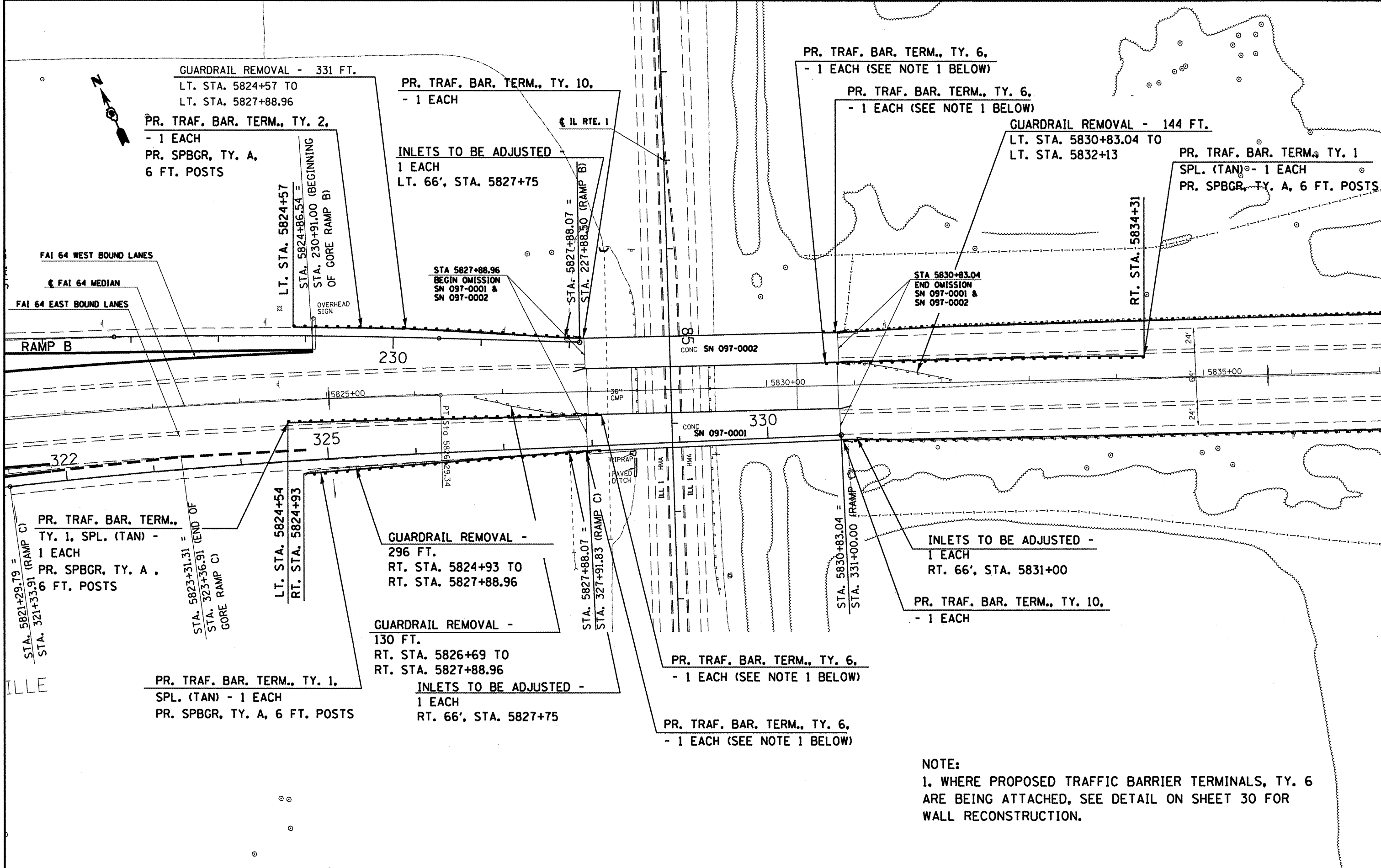
NOTE: ALL STATIONING FOR PAY ITEM LOCATIONS ARE BASED ON THE CENTERLINE OF THE LANES THEY ARE RELATED.

PROP. RESURFACING ENDS -  
 STA 303+04  
 SAW CUT FOR HMA SURFACE REMOVAL - BUTT JOINT

PROP. RESURFACING ENDS -  
 STA 428+15  
 SAW CUT FOR HMA SURFACE REMOVAL - BUTT JOINT

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAI 64 PLAN LAYOUT RAMPS C AND D</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\mcoordkr\20186975\sh	plan.dgn	DRAWN -	REVISED -			64	(97-2)RS-2	WHITE	34	24	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78211					
PLOT DATE = 11/3/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF SHEETS		STA.	TO STA.		





**NOTE:**  
 1. WHERE PROPOSED TRAFFIC BARRIER TERMINALS, TY. 6 ARE BEING ATTACHED, SEE DETAIL ON SHEET 30 FOR WALL RECONSTRUCTION.

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAIL</b>	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\mcoordkr\186975\7821-ah-misc.dgn	DRAWN -	REVISED -	64			097-21RS-2	WHITE	34	25	
PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78211							
PLOT DATE = 11/3/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
			SCALE: _____			SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____			



EXISTING INLETS  
(SEE NOTE BELOW)

GUARDRAIL REMOVAL - 1944 FT.  
LT. STA. 5830+83.04 TO  
LT. STA. 5850+26

EXISTING INLETS  
(SEE NOTE BELOW)

PR. TRAF. BAR. TERM., TY. 1,  
SPL. (TAN) - 1 EACH  
PR. SPBGR, TY. A, 6 FT. POSTS

FAI 64 WEST BOUND LANES  
FAI 64 MEDIAN

FAI 64 EAST BOUND LANES

STA. 5847+23 (ENT.)  
RAMP TO FAI 64

LT. STA. 5850+26.79

FAI 64 HMA

FAI 64 HMA

FAI 64

FAI 64

EXISTING INLETS  
(SEE NOTE BELOW)

GUARDRAIL REMOVAL - 1894 FT.  
RT. STA. 5830+83.04 TO  
RT. STA. 5849+76

PR. TRAF. BAR. TERM., TY. 2,  
- 1 EACH  
PR. SPBGR, TY. A, 6 FT. POSTS

RT. STA. 5849+76.79

EXISTING INLETS  
(SEE NOTE BELOW)

**NOTE:**

1. UNLESS OTHERWISE NOTED, EXISTING SHOULDER INLETS SHALL REMAIN AND PROPOSED HMA SHOULDER SHALL BE TAPERED TO DRAIN TO INLETS AS DIRECTED BY THE ENGINEER.

FILE NAME =  
c:\pwork\pwork\mcoordr\1186975\7821-sht-misc.dgn

USER NAME = mcoordr  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 11/3/2010

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

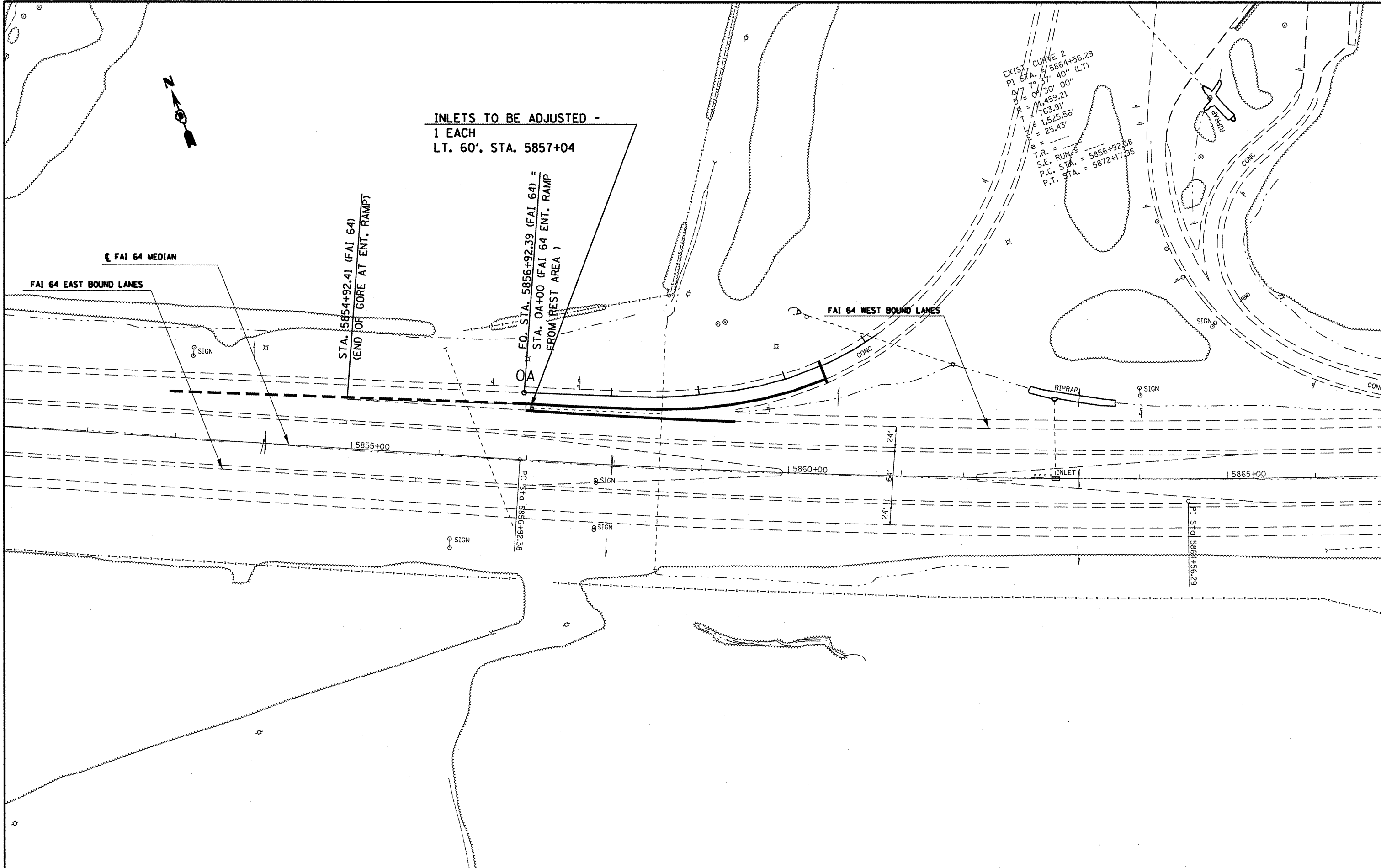
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(97-2)RS-2	WHITE	34	26
CONTRACT NO. 78211			ILLINOIS FED. AID PROJECT	



INLETS TO BE ADJUSTED -  
1 EACH  
LT. 60', STA. 5857+04

EXIST. CURVE 2  
PI STA. = 5864+56.29  
T = 31' 40" (LT)  
D = 30' 00"  
B = 0' 30" 00"  
R = 14.459.21'  
E = 163.91'  
L = 1,525.56'  
E = 25.43'

T.R. =  
S.E. RUN = 5856+92.38  
P.C. STA. = 5872+17.35  
P.T. STA. = 5872+17.35



FILE NAME =  
c:\pwork\pwork\mooordr\2185975\7821-sht-misc.dgn

USER NAME = mooordr  
DESIGNED -  
DRAWN -  
PLOT SCALE = 100.0000' / IN.  
CHECKED -  
PLOT DATE = 11/3/2010

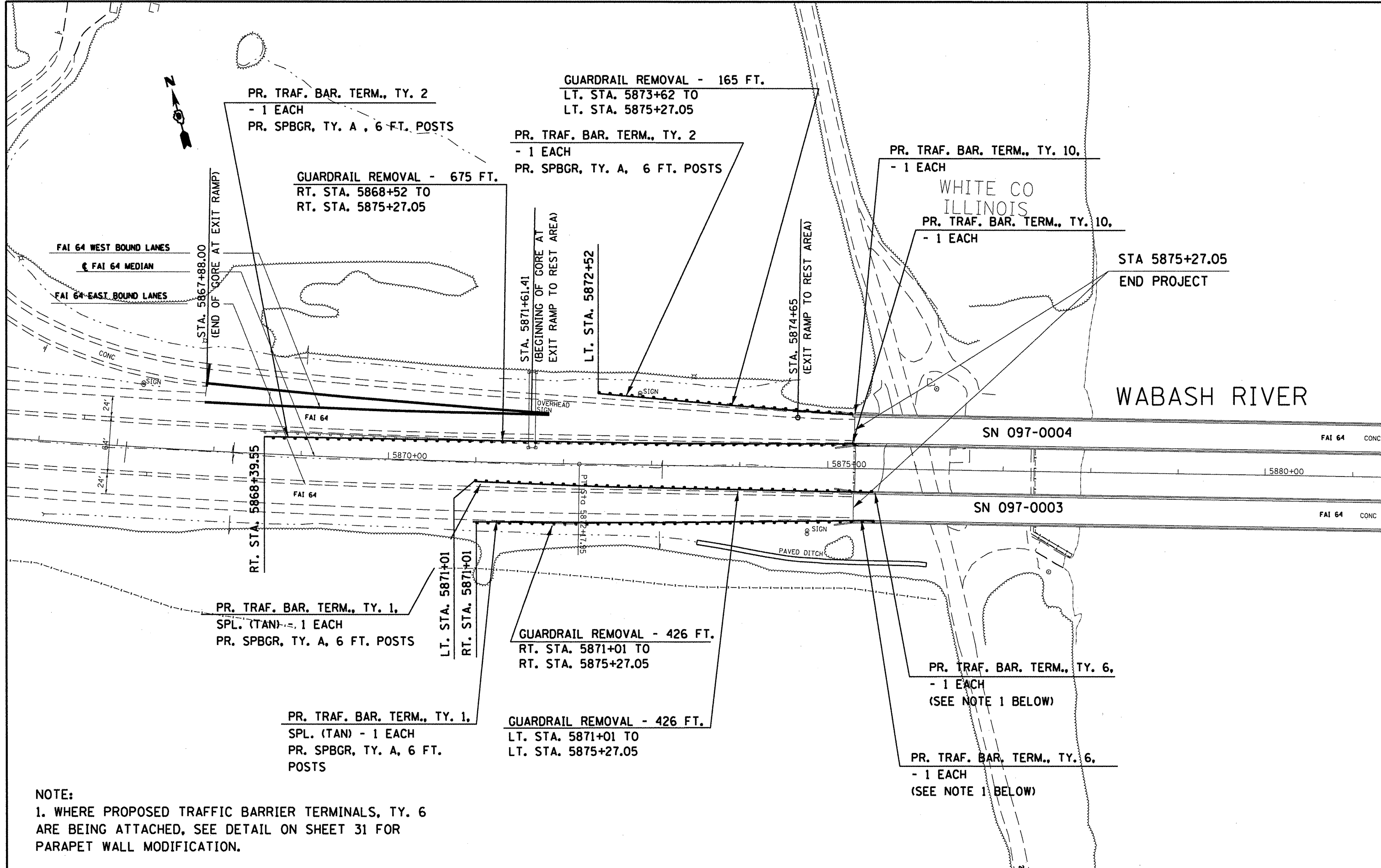
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

-----  
GUARDRAIL DETAIL  
-----  
SCALE: \_\_\_\_\_ SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. I RTE. 64	SECTION 97-21RS-2	COUNTY WHITE	TOTAL SHEETS 34	SHEET NO. 27
CONTRACT NO. 782U				ILLINOIS FED. AID PROJECT

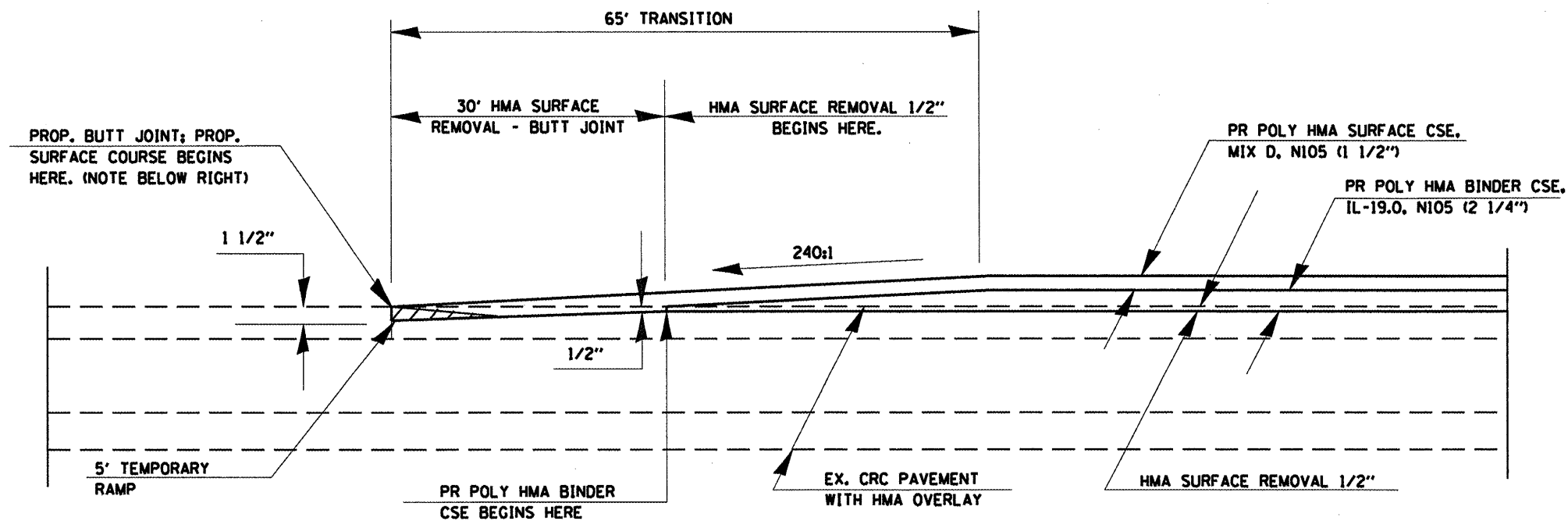


**NOTE:**  
 1. WHERE PROPOSED TRAFFIC BARRIER TERMINALS, TY. 6 ARE BEING ATTACHED, SEE DETAIL ON SHEET 31 FOR PARAPET WALL MODIFICATION.

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAIL</b>	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\pw_work\pwsdot\mcoardkr\d0186975\7821	1-sh1-misc.dgn	DRAWN -	REVISED -			64	(97-21RS-2)	WHITE	34	28	
PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 7821L			
PLOT DATE = 11/3/2010	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

# DETAIL FOR HMA SURFACE REMOVAL - BUTT JOINT

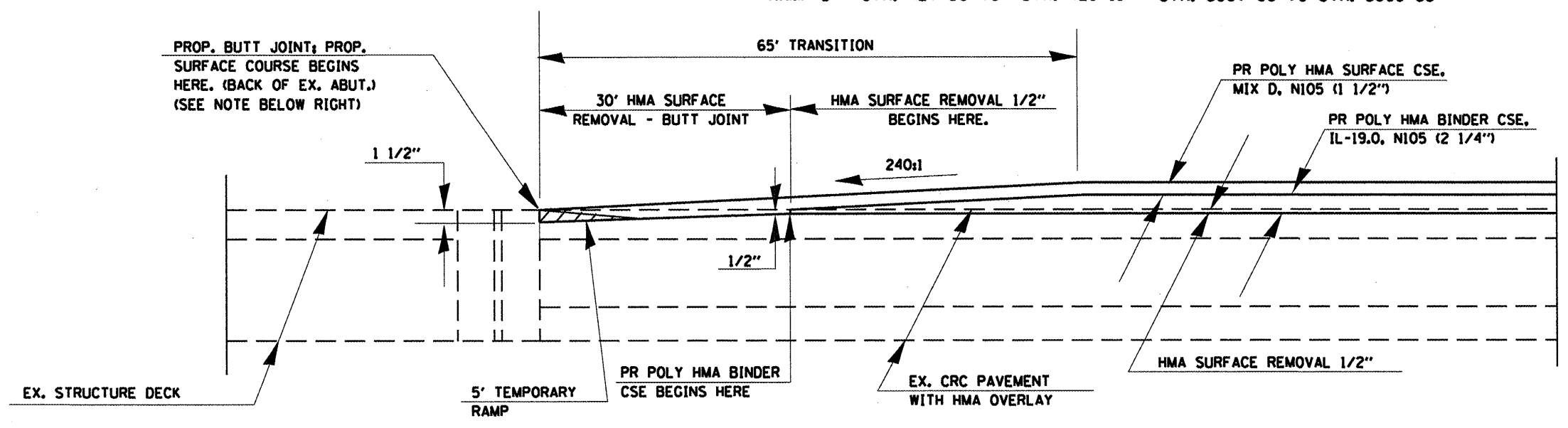
(NOT TO SCALE)



TO BE USED:

**MAINLINE EBL & WBL:**  
STA. 5800+32 TO STA. 5800+97

**RAMPS:**  
RAMP A - STA. 70+40 TO STA. 71+05  
RAMP B - STA. 251+24 TO STA. 251+89  
RAMP C - STA. 303+04 TO STA. 303+69  
RAMP D - STA. 427+50 TO STA. 428+15  
ENT. RAMP FROM RA TO I64 - STA. 2A+78 TO STA. 3A+43  
EXIT RAMP FROM I64 TO RA - STA. 5867+88 TO STA. 5868+53



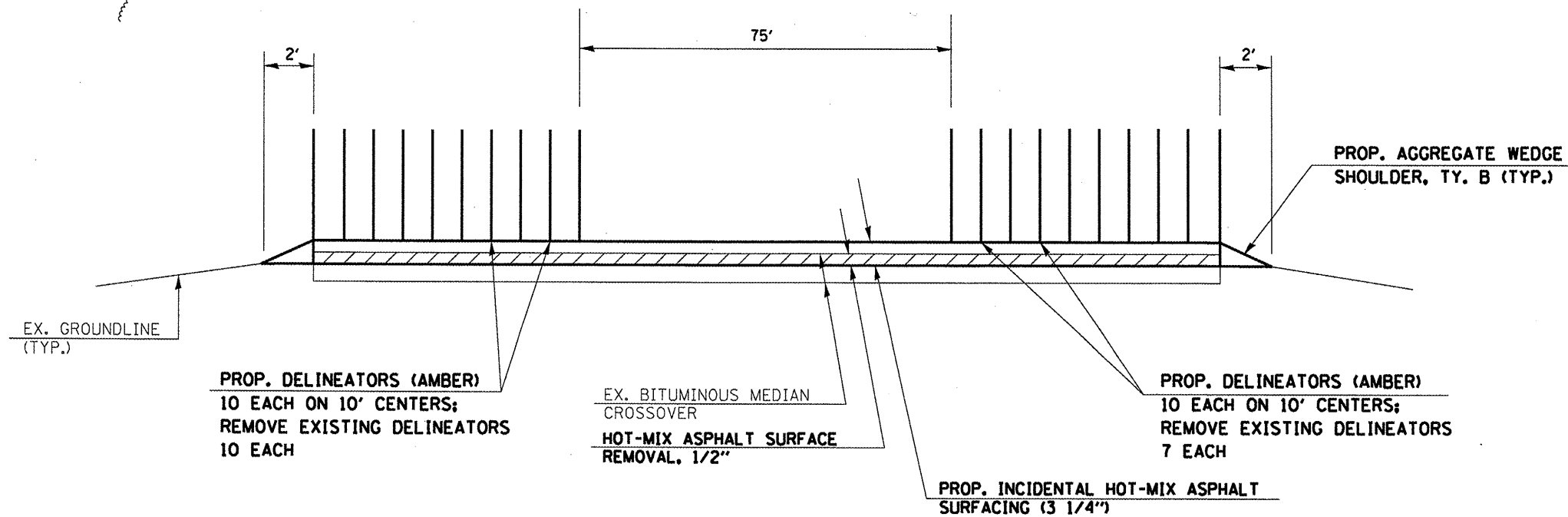
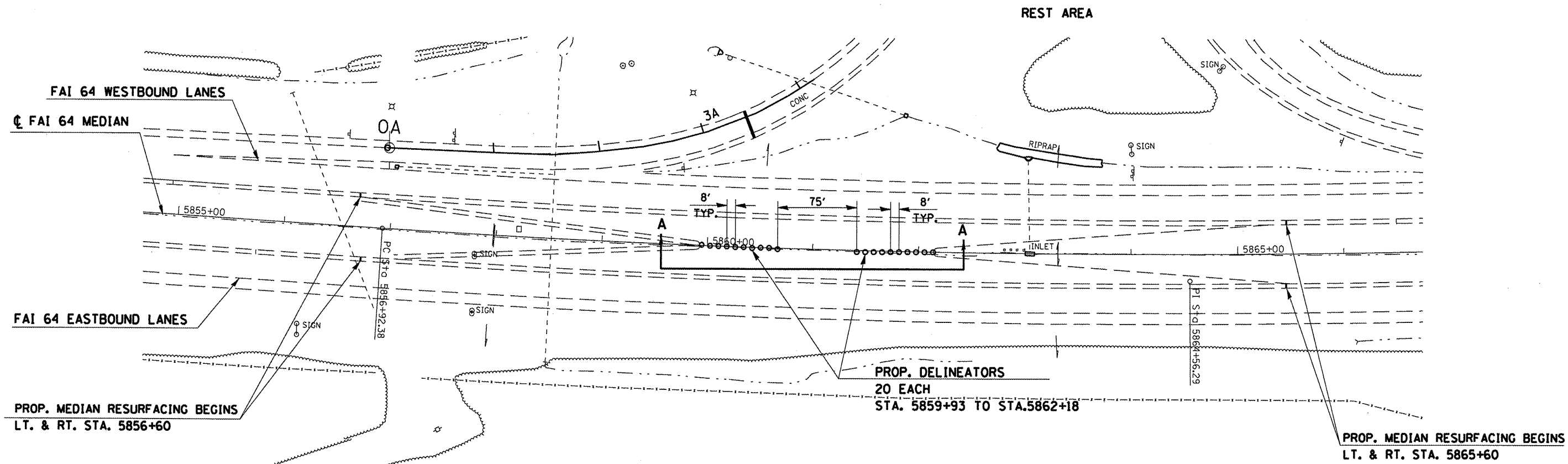
TO BE USED:  
MAINLINE EB & WB LANES

STA. 5827+24 TO STA. 5827+88.96  
STA. 5830+83.04 TO STA. 5831+48  
STA. 5874+62 TO STA. 5875+27.05

**NOTE:**  
SAW CUTS FOR PAVEMENT BUTT JOINTS SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT.

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT JOINT DETAIL AT RAMPS AND STRUCTURES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pwidot\mcoordkr\08186975\sh	plendgn	DRAWN -	REVISED -			64	(97-2)RS-2	WHITE	34	29
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -							
	PLOT DATE = 11/15/2010	DATE -	REVISED -							
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
									CONTRACT NO. 78211	

**EXISTING MEDIAN CROSSOVER  
RESURFACING DETAIL**



**SECTION A - A  
CROSSSECTION OF  
MEDIAN CROSSOVER DETAIL**

FILE NAME =  
c:\pwwork\pwwork\mcaordkr\d0186975.sht

USER NAME = mcaordkr  
plan.dgn  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 11/3/2010

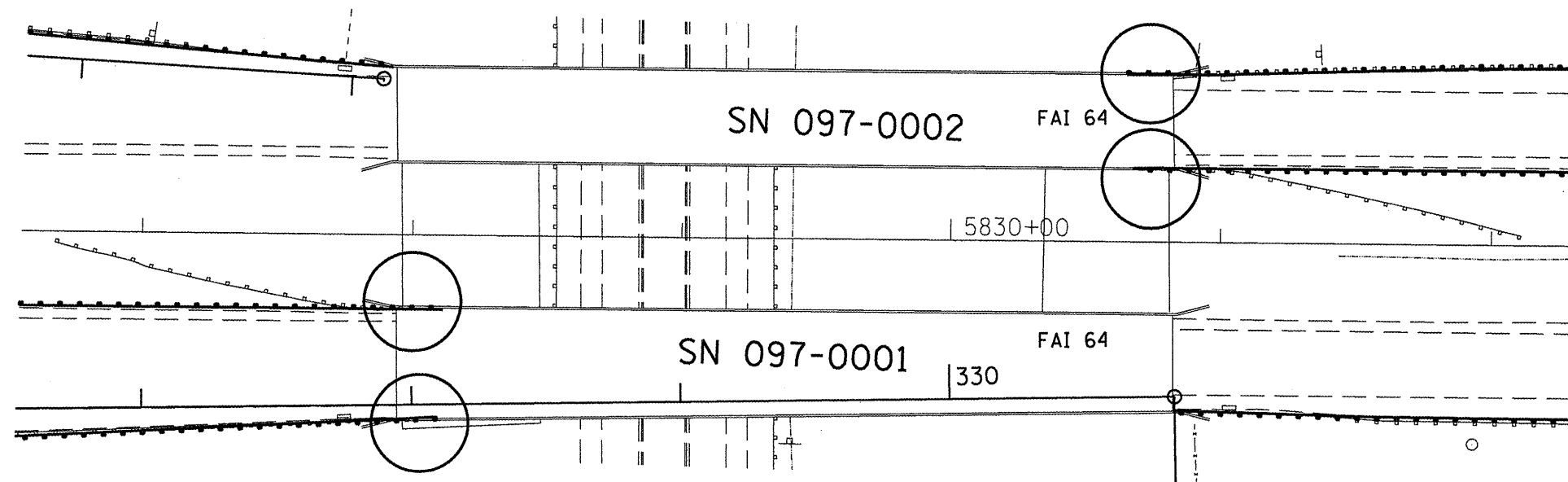
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

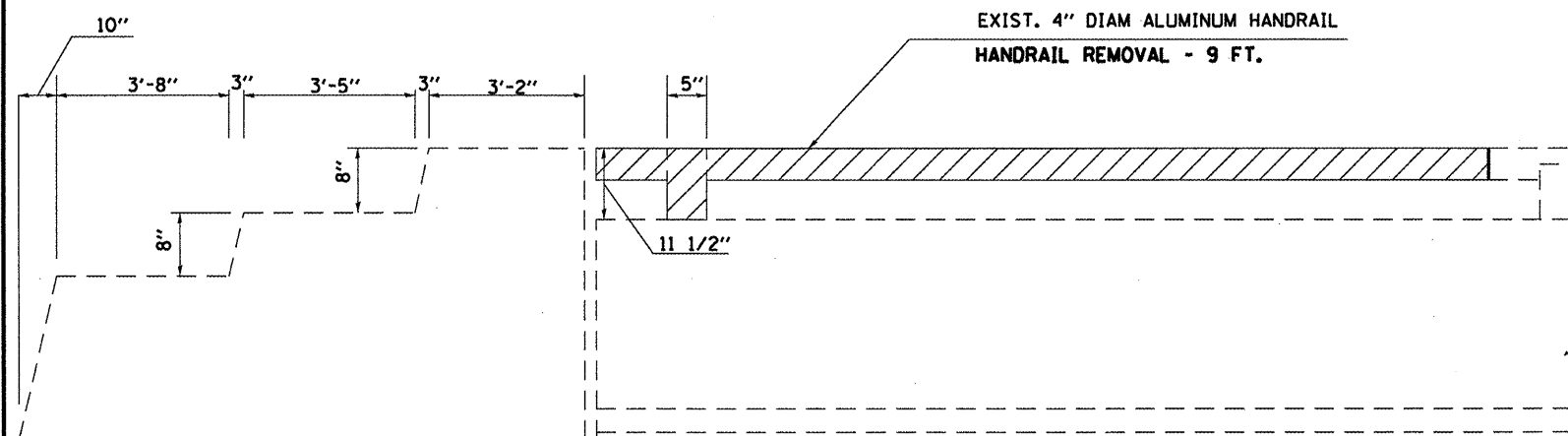
**DETAIL OF MEDIAN  
CROSSOVER RESURFACING**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	197-2RS-2	WHITE	34	30
CONTRACT NO. 78211				
ILLINOIS FED. AID PROJECT				

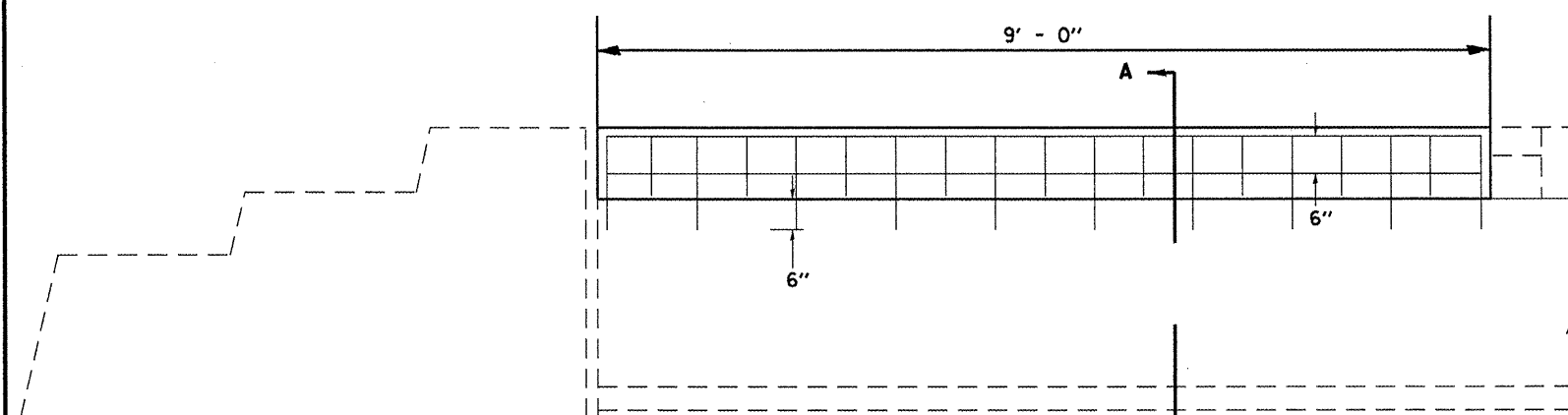
# PARAPET WALL MODIFICATION FOR TYPE 6 ATTACHMENT



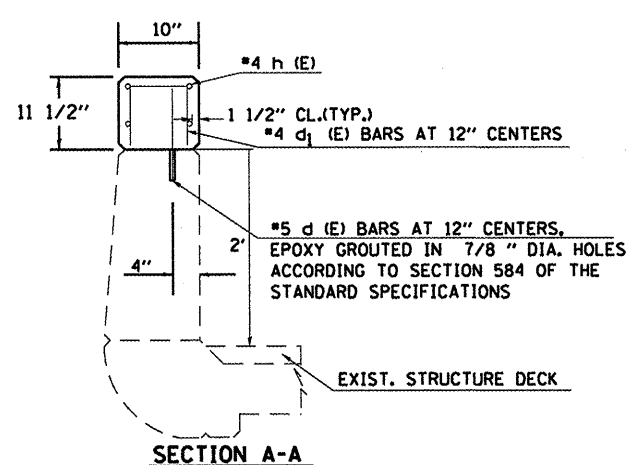
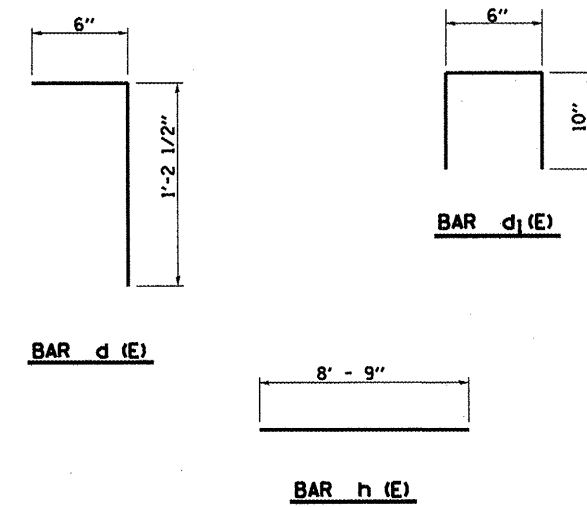
PLAN VIEW



INSIDE ELEVATION (EXISTING)



INSIDE ELEVATION (PROPOSED)



SECTION A-A

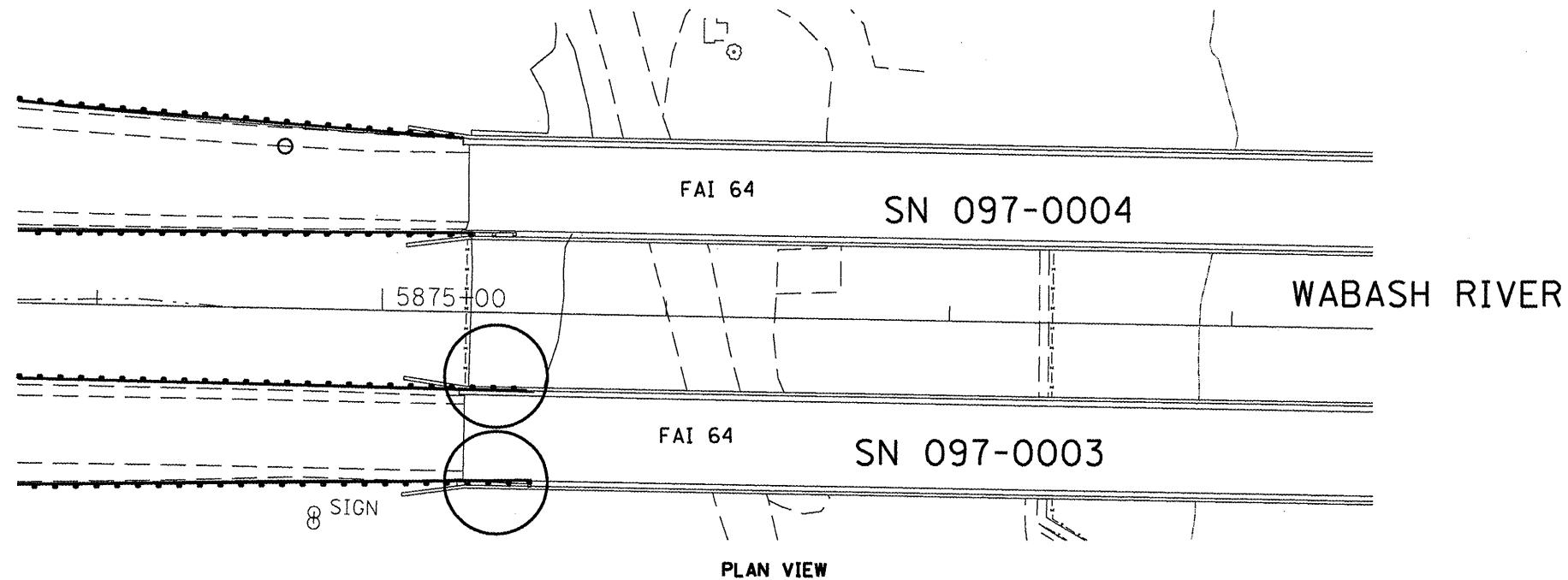
### BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	SHAPE
d (E)	#5	40	1'-10"	┌┐
d1 (E)	#4	36	2'-2"	┌┐
h (E)	#4	16	8'-9"	—
			CONCRETE SUPERSTRUCTURE	CU YDS
			REINFORCEMENT BARS EPOXY COATED	LBS
				1.06
				221.6

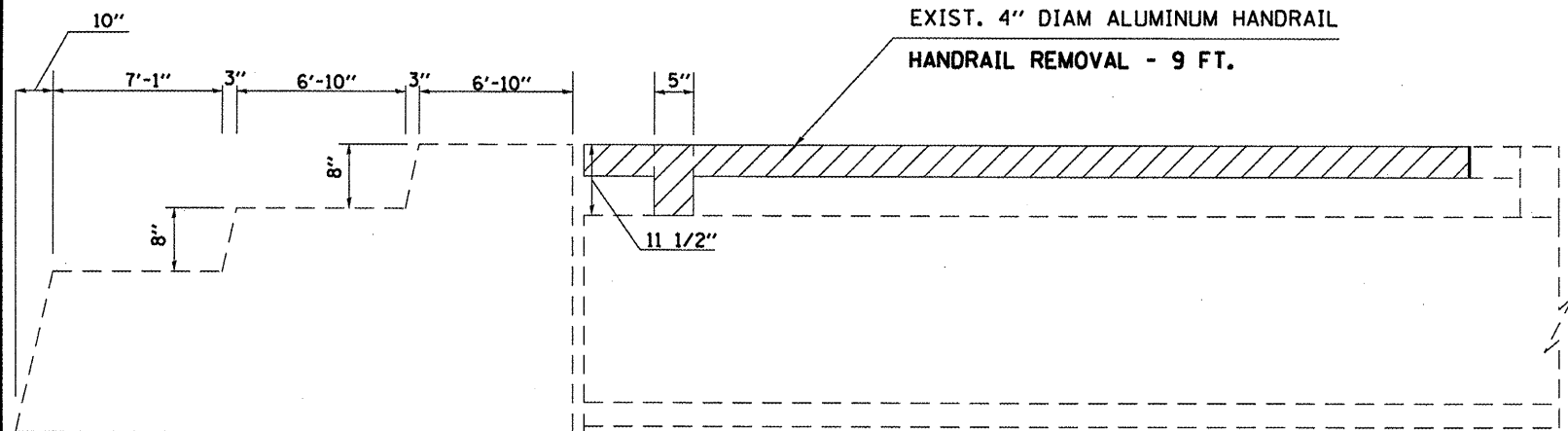
**NOTES:**  
 QUANTITIES ARE FOR THE TOTAL 4 MODIFICATIONS. LOCATIONS ARE CIRCLED IN PLAN VIEW.  
 ALL BARS SHALL BE EPOXY COATED.  
 IF NECESSARY, THE BARS MAY BE CUT IN THE FIELD.

THE COST OF CUTTING THE ALUMINUM HANDRAIL AND REMOVING THE BRACKETS SHALL BE INCLUDED IN THE COST OF HANDRAIL REMOVAL.

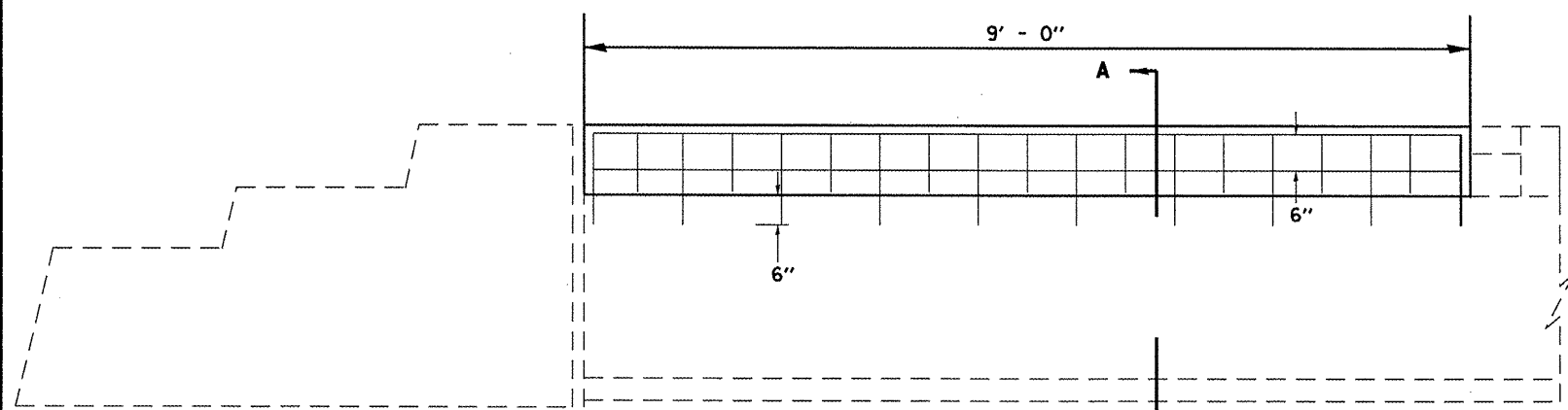
# PARAPET WALL MODIFICATION FOR TYPE 6 ATTACHMENT



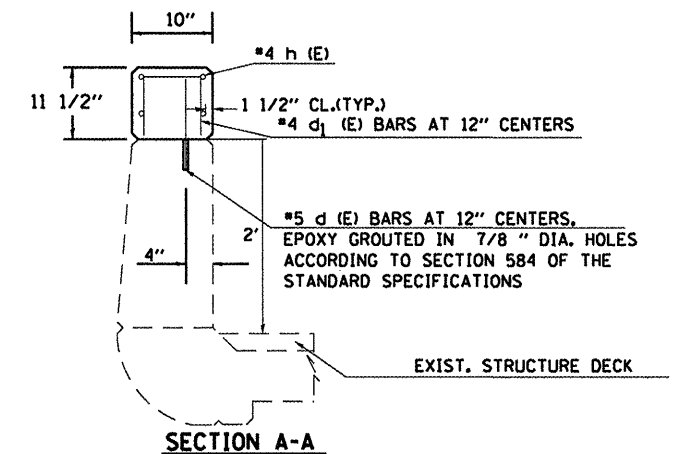
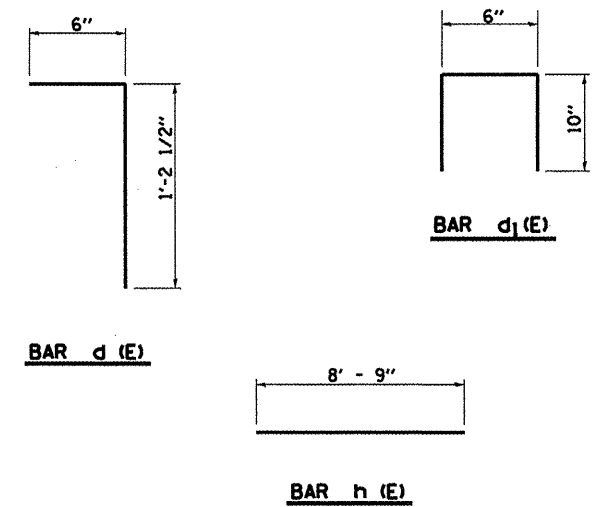
PLAN VIEW



INSIDE ELEVATION (EXISTING)



INSIDE ELEVATION (PROPOSED)



SECTION A-A

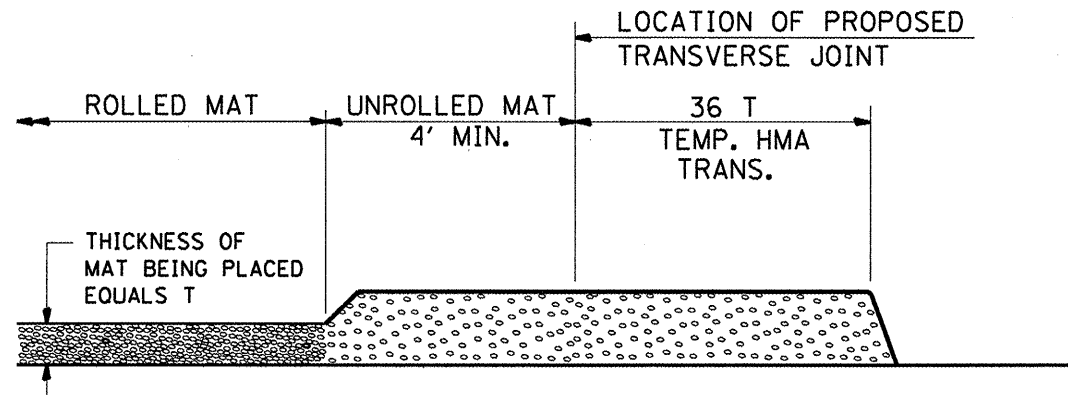
### BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	SHAPE	
d (E)	#5	20	1'-10"	┌	
d1 (E)	#4	18	2'-2"	┌	
h (E)	#4	16	8'-9"	—	
CONCRETE SUPERSTRUCTURE				CU YDS	0.53
REINFORCEMENT BARS EPOXY COATED				LBS	110.8

**NOTES:**  
 QUANTITIES ARE FOR THE TOTAL 2 MODIFICATIONS. LOCATIONS ARE CIRCLED IN PLAN VIEW.  
 ALL BARS SHALL BE EPOXY COATED.  
 IF NECESSARY, THE BARS MAY BE CUT IN THE FIELD.  
 THE COST OF CUTTING THE ALUMINUM HANDRAIL AND REMOVING THE BRACKETS SHALL BE INCLUDED IN THE COST OF HANDRAIL REMOVAL.

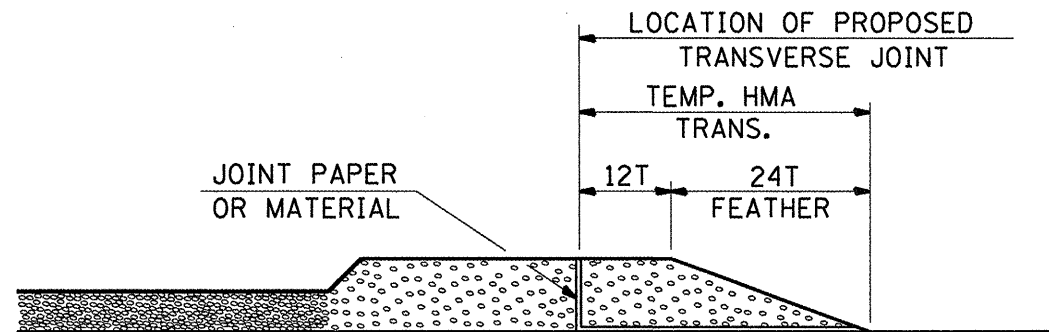


# TEMPORARY HOT-MIX ASPHALT TRANSITIONS



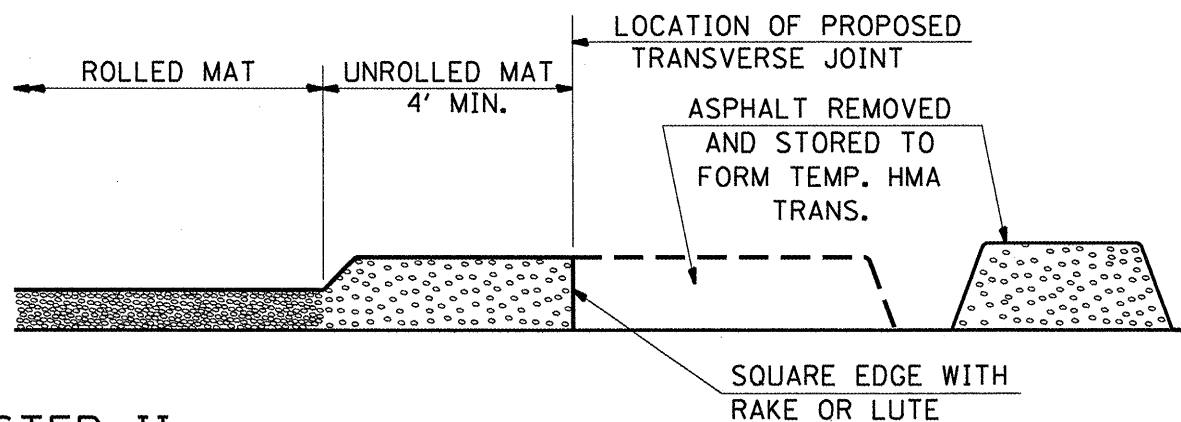
## STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



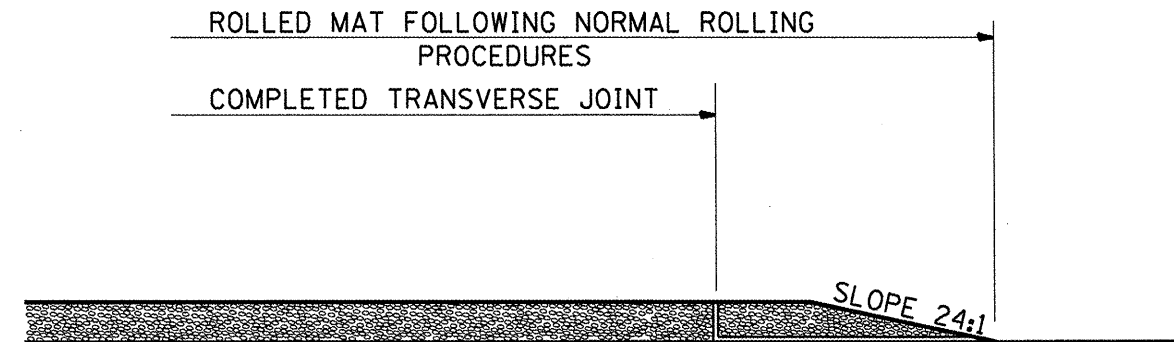
## STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



## STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



## STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
REVISED	

STD. 9-26

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -
c:\pwork\pwork\mcoordkr\d0186975\sh	plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/3/2010	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

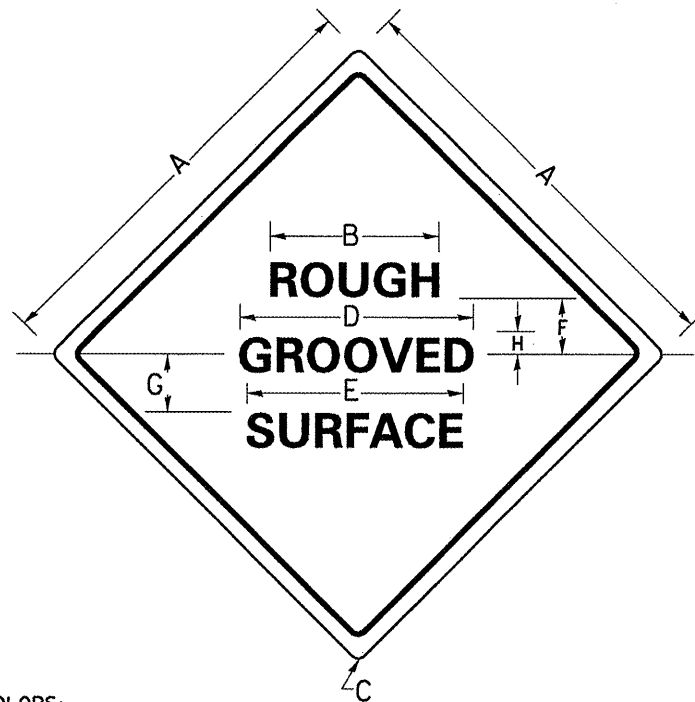
BUTT JOINT DETAIL AT RAMPS  
AND STRUCTURES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	197-2RS-2	WHITE	34	33
CONTRACT NO. 78211				
ILLINOIS FED. AID PROJECT				

**ILLINOIS STANDARD**

W8-I106



**COLORS:**

LEGEND AND BORDER BLACK NON-REFLECTORIZED  
BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES			MAR-GIN	BOR-DER	BLANK STD.
	LINES					
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**NOTE:** PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COARSE.

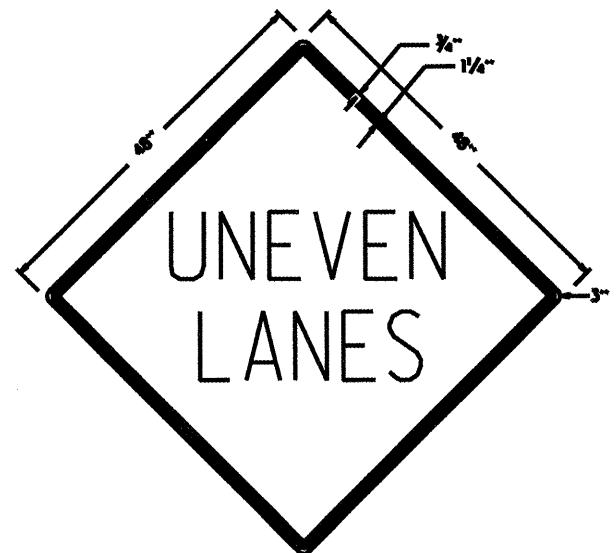
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS  
REDRAWN | 10-23-01  
STD. 9-39

**UNEVEN LANES SIGN**

W8-11 (48" x 48")



**COLORS:**

LEGEND AND BORDER - BLACK NON-REFLECTORIZED  
BACKGROUND - ORANGE REFLECTORIZED

**NOTE:**

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS  
DRAWN 2-15-89  
REVISED 4-15-93  
REVISED 2-23-04  
REVISED  
STD. 9-41

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNEVEN LANES SIGN DETAIL</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\mcoordkr\d0186975\sh	plan.dgn	DRAWN -	REVISED -			64	197-21RS-2	WHITE	34	34
PLOT SCALE = 100.0000 "/ IN.		CHECKED -	REVISED -			<b>CONTRACT NO. 78211</b>				
PLOT DATE = 11/3/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				