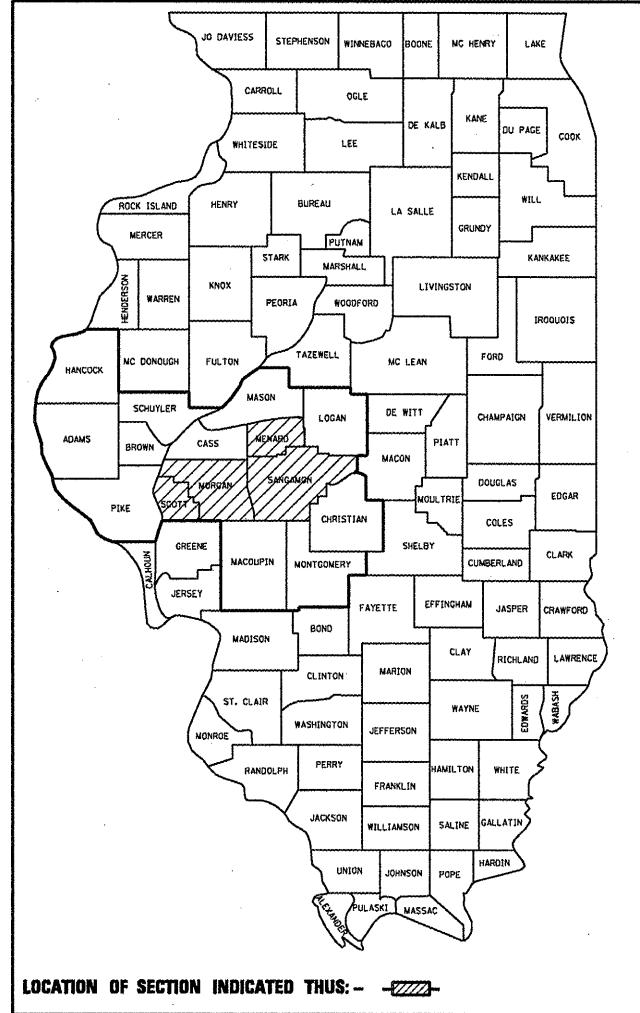


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	.	34	1
ILLINOIS			CONTRACT NO. 72E15	
** D6 GUARDRAIL END REPL 2011-1			* MENARD, MORGAN SANGAMON & SCOTT	

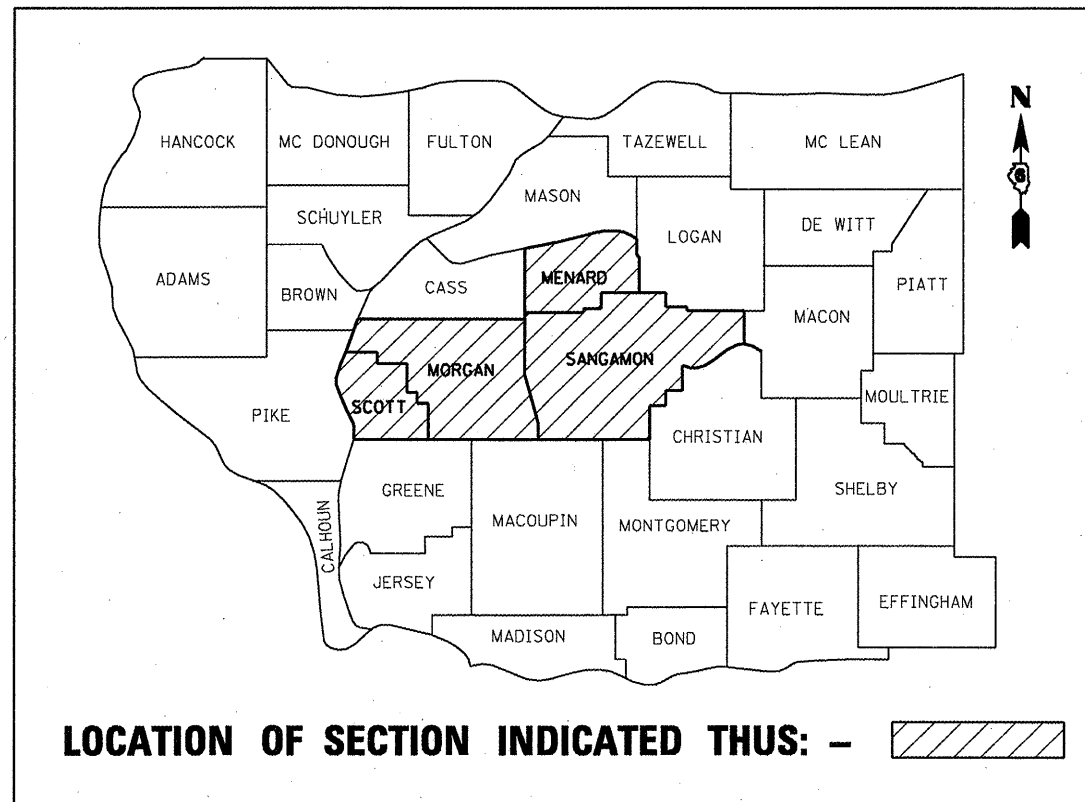
D-96-036-11



**PROPOSED**  
**HIGHWAY PLANS**

**ROUTE: VARIOUS**  
**SECTION: D6 GUARDRAIL END REPL 2011-1**  
**PROJECT HSIP-000S(842)**  
**COUNTY: VARIOUS**

C-96-036-11

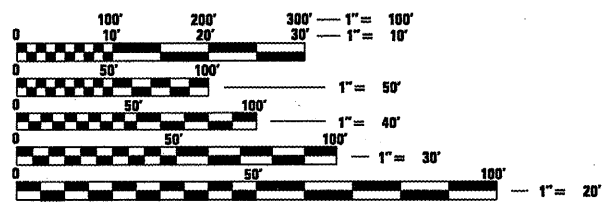


**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 - 11 SCHEDULES OF QUANTITIES
- 12 - 15 GUARDRAIL LOCATION SHEETS
- 16 - 23 GUARDRAIL DETAIL SHEETS
- 24 - 27 EXISTING GUARDRAIL MODIFICATION DETAIL SHEETS
- 28 - 34 SIGN LOCATION AND DETAIL SHEETS

**HIGHWAY STANDARDS**

000001-06	635011-02	701901-01
630001-09	701006-03	720006-02
630301-05	701201-04	728001-01
631031-09	701422-03	729001-01
635006-03	701501-06	731001-01



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: JEFF MYERS (217) 782-4761  
 PROJECT MANAGER: BRIAN LANINGHAM (217) 524-0472

CONTRACT NO. 72E15

**LOCATION MAP**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *FEBRUARY 4 20 11*  
*Regan Z. Dinkell*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*March 25 20 11*  
*Scott E. Stett, P.E.*  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

*March 25 20 11*  
*Christine M. Reedler*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

# GENERAL NOTES

1. ALL OF THE DISTURBED AREAS WITHIN THE RIGHT OF WAY NOT COVERED BY SURFACING MATERIAL SHALL BE SEEDED.
2. CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
3. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
5. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
6. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
7. FINAL VERTICAL ADJUSTMENT OF GUARDRAIL IF REQUIRED SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE UNIT COSTS OF THE PROJECT.
8. GUARDRAIL REMOVAL SHALL INCLUDE TRAFFIC BARRIER BRIDGE TERMINALS AND TRAFFIC BARRIER END TERMINALS.
9. THE CONTRACTOR WILL BE REQUIRED TO CONTACT THE OPERATIONS ENGINEER (217) 782-7314 AT LEAST 72 HOURS PRIOR TO DRIVING ANY POSTS. TO MAKE SURE STATE OWNED UTILITIES ARE NOT IN THE WAY.
10. THE CONTRACTOR WILL BE REQUIRED TO REPAIR ANY AREAS OF TURF THAT ARE DAMAGED DURING THE EXECUTION OF THIS CONTRACT. THIS WORK WILL NOT BE MEASURED FOR PAYMENT AND WILL BE CONSIDERED IN THE UNIT COSTS OF THE PROJECT.
11. ALL GUARDRAIL SHALL HAVE A PRELIMINARY LAYOUT. GUARDRAIL POSTS SHALL BE ADJUSTED AS TO MISS ANY SHOULDER DRAINS, INLETS, PIPE CULVERTS, STORM SEWER OR ANY OTHER THAT MAY INTERFERE WITH GUARDRAIL CONSTRUCTION.
12. IN AREAS WHERE A "SOIL PAD" IS TO BE CONSTRUCTED, THE CONTRACTOR SHALL PROVIDE SOIL, CLASS 2 SEEDING, FERTILIZER, MULCH METHOD 1 AND ALL NECESSARY MATERIAL AND LABOR TO COMPLETE THE "SOIL PADS" AS SHOWN IN THE PLANS. THIS WORK WILL PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "FURNISHED EXCAVATION".
13. THE CONTRACTOR WILL BE REQUIRED TO CONTACT THE SIGN SHOP SUPERVISOR "MIKE BULL" (217) 785-0288 AT LEAST 72 HOURS PRIOR TO DRIVING ANY POSTS. TO COORDINATE SIGN REMOVAL AND INSTALLATION.
14. AT LOCATION "B" ON IL 123, THE CONTRACTOR WILL BE REQUIRED FILL IN THE HOLES LEFT IN THE EXISTING GUTTER OUTLET. THE HOLES WILL BE FILLED WITH COMPACTED CA-6 TO THE BOTTOM OF THE GUTTER. PORTLAND CEMENT CONCRETE WILL THEN BE POURED TO THE THICKNESS OF THE GUTTER. THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 1020 OF "Standard Specification for Road and Bridge Construction" January 1, 2007 Edition. THIS WORK WILL NOT BE MEASURED FOR PAYMENT AND WILL BE CONSIDERED IN THE UNIT COSTS OF 'GUARDRAIL REMOVAL' OF THE PROJECT.

DISTRICT SIX	
EXAMINED <u>JAN 24</u>	20 <u>10</u>
<i>Chris Welch</i>	
OPERATIONS ENGINEER	
EXAMINED <u>JAN 14</u>	20 <u>11</u>
<i>Tommy F...</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>JANUARY 19</u>	20 <u>11</u>
<i>John C. ...</i>	
PROGRAM DEVELOPMENT ENGINEER	

FILE NAME =	USER NAME = loringhembk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci\p\work\p\dot\loringhembk\d0247411	672E15-sh1-genote.dgn	DRAWN -	REVISED -						34	2
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	PLOT DATE = Feb-03-2011 09:43:52AM	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT										



# MENARD CO.

	FURNISHED EXCAVATION	CU YD
20400800		
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH
63100167	TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)	EACH
63200310	GUARDRAIL REMOVAL	FOOT
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT
78200410	GUARDRAIL MARKERS, TYPE A	EACH
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
A	IL 97 / IL 123	SN 065-0019	NE QUAD	E.O.S.	MATCH EXSTING	-	-	1	12.5	75.0	-	1	-	-	ATHENS BLACKTOP ROAD
			SE QUAD	E.O.S.	MATCH EXSTING	-	-	1	87.5	112.5	-	1	-	-	
B	IL 97 / IL 123	ROADWAY	NW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	100.0	-	-	1	-	-	
			NE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	112.5	-	-	1	-	-	
			SE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
						-	-	<b>6</b>	<b>412.5</b>	<b>187.5</b>	-	<b>6</b>	-	<b>TOTALS</b>	

E.O.S. = EDGE OF SHOULDER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Feb-04-2011 07:00:56AM	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

# MORGAN CO.

	FURNISHED EXCAVATION	CU YD
20400800	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH
63100167	TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)	EACH
63200310	GUARDRAIL REMOVAL	FOOT
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT
78200410	GUARDRAIL MARKERS, TYPE A	EACH
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
C	IL 100	SN 069-0062	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
			NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
D	IL 267	SN 069-0034	NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1		-	
E	IL 104	ROADWAY	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	1	5.0	
			NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	1	5.0	
			SW QUAD	MATCH EXISTING	25" TO CTR OF RAIL	62.5	-	1	50.0	-	2	1	-	-	
			SE QUAD	MATCH EXISTING	25" TO CTR OF RAIL	62.5	-	1	50.0	-	2	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	75.0	-	1	25.0	-	2	1	1	5.0	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	25.0	-	-	1	-	-	

# MORGAN CO.

20400800	FURNISHED EXCAVATION	CU YD
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH
63100167	TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)	EACH
63200310	GUARDRAIL REMOVAL	FOOT
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT
78200410	GUARDRAIL MARKERS, TYPE A	EACH
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
F	IL 104	ROADWAY	NE QUAD	MATCH EXISTING	MATCH EXISTING	12.5	-	1	50.0	-	-	1	-	-	WOODSON FRANKLIN RD
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	75.0	-	1	50.0	-	2	1	-	-	
G	IL 104	ROADWAY	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
H	IL 104	SN 069-0020	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
						<b>287.5</b>	<b>-</b>	<b>25</b>	<b>1,200.0</b>	<b>-</b>	<b>8</b>	<b>25</b>	<b>3</b>	<b>15.0</b>	<b>TOTALS</b>

# SANGAMON CO.

20400800	FURNISHED EXCAVATION	CU YD
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH
63100167	TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)	EACH
63200310	GUARDRAIL REMOVAL	FOOT
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT
78200410	GUARDRAIL MARKERS, TYPE A	EACH
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
I	IL 4	SN 084-0181	NE QUAD	MATCH EXISTING	25" TO CTR OF RAIL	150.0	1	1	115.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	25" TO CTR OF RAIL	200.0	1	1	162.5	-	-	1	-	-	
		SN 084-0182	SW QUAD	MATCH EXISTING	25" TO CTR OF RAIL	150.0	1	1	115.0	-	-	1	-	-	
			NW QUAD	MATCH EXISTING	25" TO CTR OF RAIL	200.0	1	1	162.5	-	-	1	-	-	
J	IL 4	ROADWAY	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	BL 55 (SOUTHBOUND)
		ROADWAY	SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	BL 55 (NORTHBOUND) NORTH OF SEBRING RD
		ROADWAY	SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	BL 55 (NORTHBOUND) NORTH OF P.E.
						<b>700.0</b>	<b>4</b>	<b>7</b>	<b>705.0</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>TOTALS</b>

P.E. = PRIVATE ENTRANCE

# SCOTT CO.

	<b>FURNISHED EXCAVATION</b>	<b>CU YD</b>
20400800		
63000003	<b>STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS</b>	<b>FOOT</b>
63100085	<b>TRAFFIC BARRIER TERMINAL, TYPE 6</b>	<b>EACH</b>
63100167	<b>TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)</b>	<b>EACH</b>
63200310	<b>GUARDRAIL REMOVAL</b>	<b>FOOT</b>
63300725	<b>STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)</b>	<b>FOOT</b>
78200410	<b>GUARDRAIL MARKERS, TYPE A</b>	<b>EACH</b>
78201000	<b>TERMINAL MARKER, DIRECT APPLIED</b>	<b>EACH</b>

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
K	IL 100	ROADWAY	NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
L	IL 100	ROADWAY	NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
M	IL 100	ROADWAY	NE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
N	IL 100	ROADWAY	NW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXISTING	MATCH EXISTING	12.5	-	1	62.5	-	-	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
O	IL 100	ROADWAY	NW QUAD	MATCH EXISTING	MATCH EXISTING	6.3	-	1	43.8	-	-	1	-	-	
			SW QUAD	MATCH EXISTING	MATCH EXISTING	6.3	-	1	43.8	-	-	1	-	-	
P	IL 100	SN 086-0046	SW QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXISTING	MATCH EXISTING	-	-	1	50.0	-	-	1	-	-	

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\pwidot\laughlinc1\0247411\0672E15-sht-schedule.dgn		DRAWN -	REVISED -			VAR.	**	*	34	8	
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 72E15					
PLOT DATE = Feb-04-2011 07:01:27AM		DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



# SCOTT CO.

	FURNISHED EXCAVATION	CU YD
20400800		
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH
63100167	TRAFFIC BARRIER TERMINAL, TY 1, SPECIAL (TANGENT)	EACH
63200310	GUARDRAIL REMOVAL	FOOT
63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT
78200410	GUARDRAIL MARKERS, TYPE A	EACH
78201000	TERMINAL MARKER, DIRECT APPLIED	EACH

LOCATION	ROUTE	STRUCTURE TYPE	DIRECTION	GUARDRAIL OFFSET (FOOT)	GUARDRAIL HEIGHT (INCHES)	SPBGR TY A, 9FT. POST (FOOT)	TERMINAL TYPE 6 (EACH)	TERMINAL TY. 1 (SPL) (EACH)	GUARDRAIL REMOVAL (FOOT)	SPBGR TY. A, SHORT RAD (FOOT)	GUARDRAIL MARKERS, TY A (EACH)	TERMINAL MARKER (EACH)	SOIL PADS (EACH)	FURN. EX. (CU YD)	REMARKS
Q	IL 100	SN 086-0039	NW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
R	IL 100 / IL 106	ROADWAY	NW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
S	IL 106	ROADWAY	SW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	1	5.0	
			SE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
T	IL 106	ROADWAY	NW QUAD	MATCH EXSTING	25" TO CTR OF RAIL	12.5	-	1	62.5	-	-	1	1	5.0	
			NE QUAD	MATCH EXSTING	25" TO CTR OF RAIL	12.5	-	1	62.5	-	-	1	1	5.0	
			SW QUAD	MATCH EXSTING	25" TO CTR OF RAIL	12.5	-	1	62.5	-	-	1	1	5.0	
			SE QUAD	MATCH EXSTING	25" TO CTR OF RAIL	12.5	-	1	62.5	-	-	1	1	5.0	
U	IL 106	SN 086-0012	NW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			NE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SW QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
			SE QUAD	MATCH EXSTING	MATCH EXSTING	-	-	1	50.0	-	-	1	-	-	
						<b>75.0</b>	<b>-</b>	<b>32</b>	<b>1,650.0</b>	<b>-</b>	<b>-</b>	<b>32</b>	<b>5</b>	<b>25.0</b>	<b>TOTALS</b>

5

# MORGAN CO.

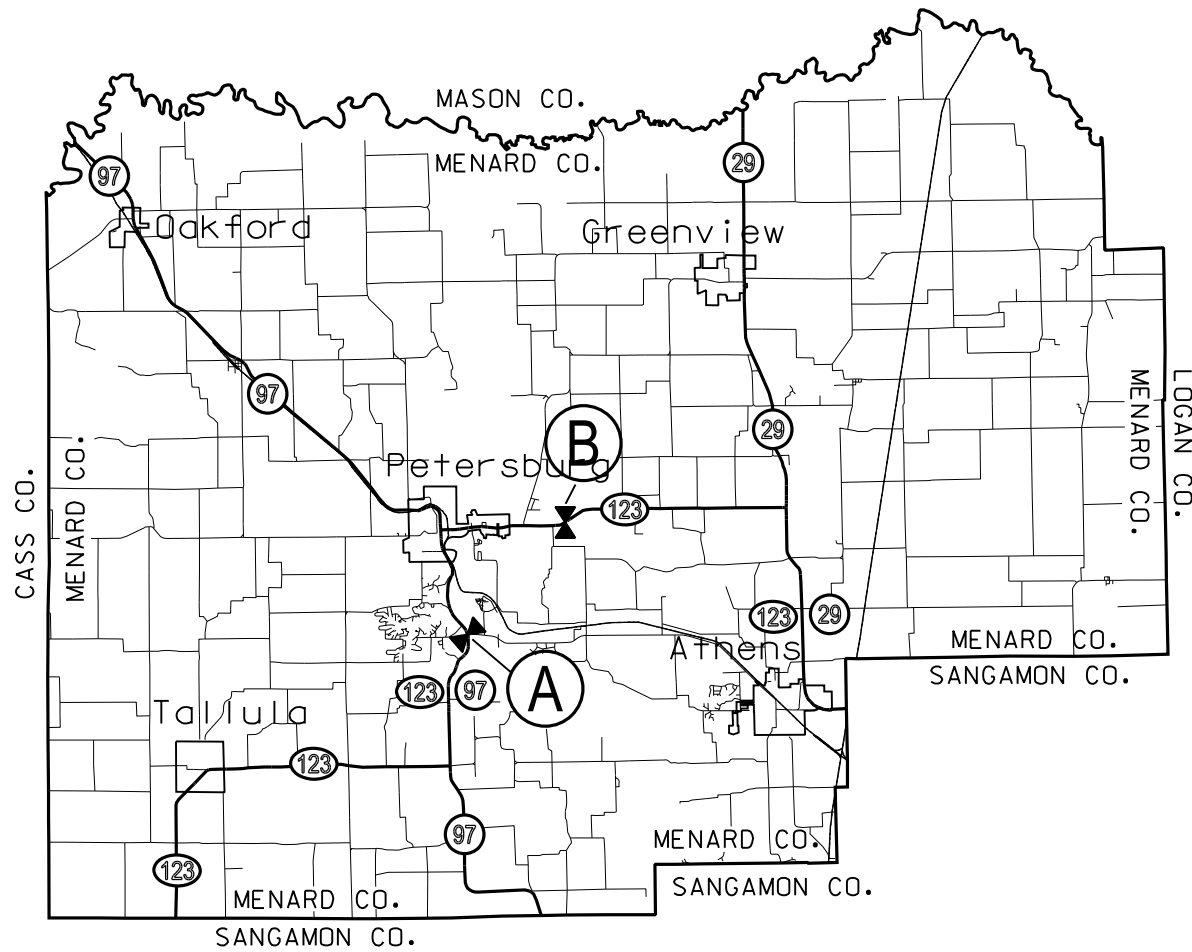
72000100	SIGN PANEL - TYPE 1								SQ FT	
72400310	REMOVE SIGN PANEL - TYPE 1								SQ FT	
72400720	RELOCATE SIGN PANEL - TYPE 2								SQ FT	
72800100	TELESCOPING STEEL SIGN SUPPORT								FOOT	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT								EACH	
SIGN LOCATION	ROUTE	SIGN PANEL TY 1 (SQ FT)	REMOVE SIGN PANEL, TY 1 (SQ FT)	RELOCATE SIGN PANEL TY 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN BASE (EACH)	NUMBER OF POST (EACH)	HEIGHT ABOVE THE GROUND TO THE BOTTOM OF SIGN (FOOT)	SIGN DESCRIPTION	REMARKS
#1	I-72 BUS LOOP	9.0	-	-	16.0		1	7.0	W3-3 (3636) "SIGNAL AHEAD"	MORTON AVE (EB)
#2	I-72 BUS LOOP	9.0	-	-	16.0		1	7.0	W3-3 (3636) "SIGNAL AHEAD"	MORTON AVE (WB)
		9.0	-	-	11.0	1.0	1	7.0	W3-3 (3636) "SIGNAL AHEAD"	MORTON AVE (WB) MEDIAN
<b>SUBTOTAL</b>		<b>27.0</b>	<b>0.0</b>	<b>0.0</b>	<b>43.0</b>	<b>1.0</b>	<b>3</b>			

# SANGAMON CO.

72000100	SIGN PANEL - TYPE 1								SQ FT	
72400310	REMOVE SIGN PANEL - TYPE 1								SQ FT	
72400720	RELOCATE SIGN PANEL - TYPE 2								SQ FT	
72800100	TELESCOPING STEEL SIGN SUPPORT								FOOT	
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT								EACH	
SIGN LOCATION	ROUTE	SIGN PANEL TY 1 (SQ FT)	REMOVE SIGN PANEL, TY 1 (SQ FT)	RELOCATE SIGN PANEL TY 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN BASE (EACH)	NUMBER OF POST (EACH)	HEIGHT ABOVE THE GROUND TO THE BOTTOM OF SIGN (FOOT)	SIGN DESCRIPTION	REMARKS
#3	IL 4	9.0	-	-	16.0	-	1	7.0	W3-3 (3636) "SIGNAL AHEAD"	IL 4 VETERANS PKWY (SB)
		9.0	-	-	16.0	-	1	7.0	W3-3 (3636) "SIGNAL AHEAD"	
#4	TORONTO RD / I-55	9.0	-	-	16.0	-	1	7.0	W4-2 (3636) "MERGE AHEAD"	TORONTO RD (NB) ON RAMP
#5	MACARTHUR / I-72		-	9.0	-	-		7.0	W3-3 (3636) "SIGNAL AHEAD"	MACARTHUR BLVD (NB)
#6	MACARTHUR / I-72		-	9.0	-	-	-	-	W3-3 (3636) "SIGNAL AHEAD"	MACARTHUR BLVD (SB)
		6.25	-	-	12.5	-	1	7.0	R3-7R (3030) "RIGHT LANE MUST TURN RIGHT"	
#7	IL 29 / WALNUT AVE	6.25	-	-	12.5	-	1	7.0	R3-7R (3030) "RIGHT LANE MUST TURN RIGHT"	WALNUT AVE
		6.00	-	-	13.0	-	1	7.0	R3-20R (2436) "BEGIN RIGHT TURN LANE"	
		-	9.00	-	-	-	-	-	W4-2 (3636) "MERGE AHEAD"	
		-	1.50	-	-	-	-	-	R8-3(1218) "NO PARKING"	
		-	9.00	-	-	-	-	-	W9-2 (3636) "LANE ENDS MERGE LEFT"	
-	1.50	-	-	-	-	-	-	R8-3(1218) "NO PARKING"		
#8	9TH ST / BL 55	6.25	-	-	12.5	-	1	-	R3-7R (3030) "RIGHT LANE MUST TURN RIGHT"	MACARTHUR BLVD (SB)
<b>SUBTOTAL</b>		<b>51.8</b>	<b>21.0</b>	<b>18.0</b>	<b>98.5</b>	<b>-</b>	<b>7.0</b>	<b>-</b>		
<b>GRANDTOTAL</b>		<b>78.75</b>	<b>21.0</b>	<b>18.0</b>	<b>141.5</b>	<b>1.0</b>	<b>10.0</b>	<b>-</b>		



MENARD COUNTY		
LOCATION	DESCRIPTION LOCATION	ROUTE
A	Proceeding 7.10 miles to the North from the Menard/Sangamon Co. line at (Athen Blacktop Rd.)	IL 97 / IL 123
B	Proceeding 2.40 miles to the East from the Intersection of IL 97 / IL 123 in Petersburg	IL 123

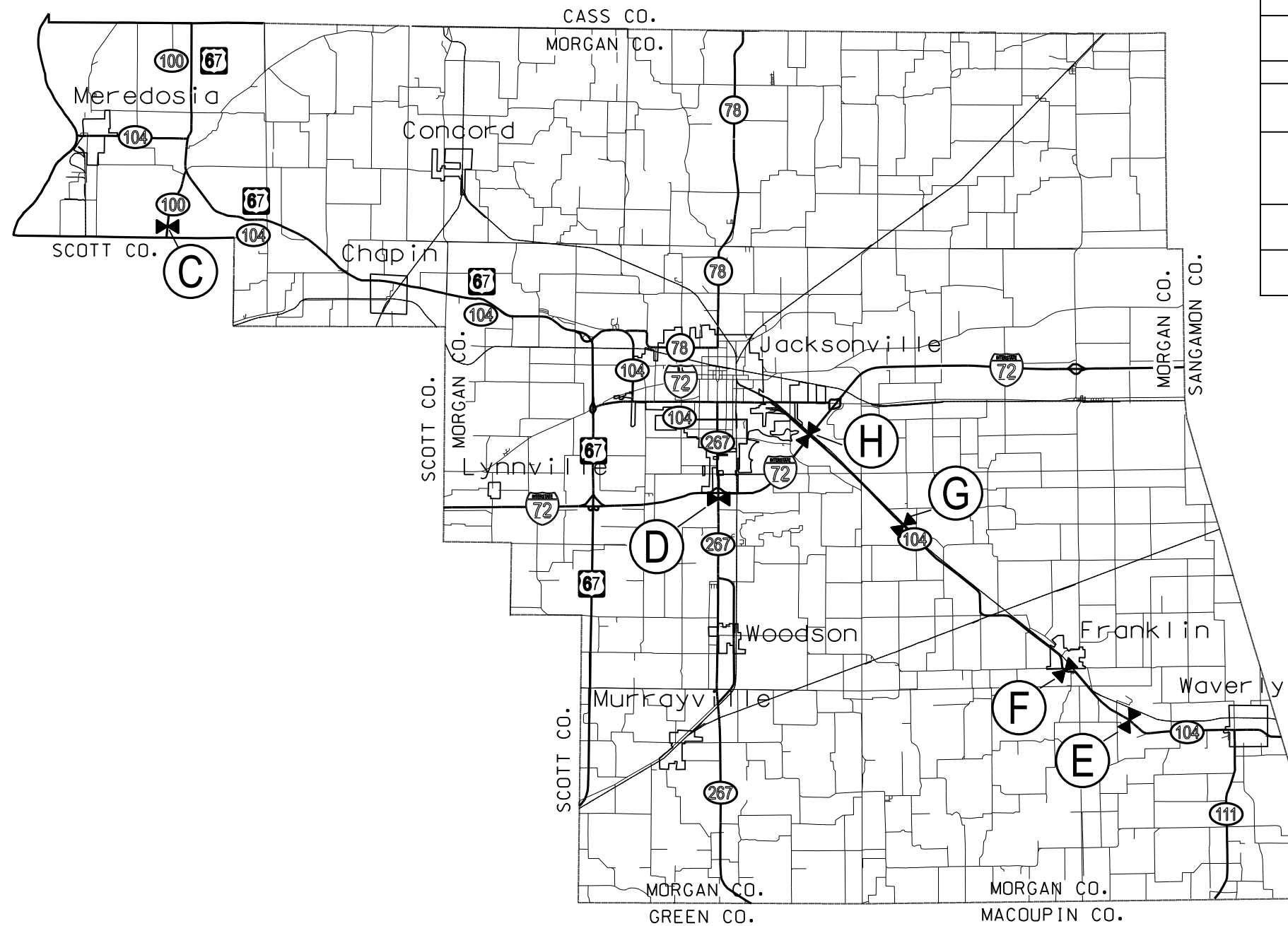


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

D6 GUARDRAIL END REPL GUARDRAIL LOCATION SHEETS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	•	34	12
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				



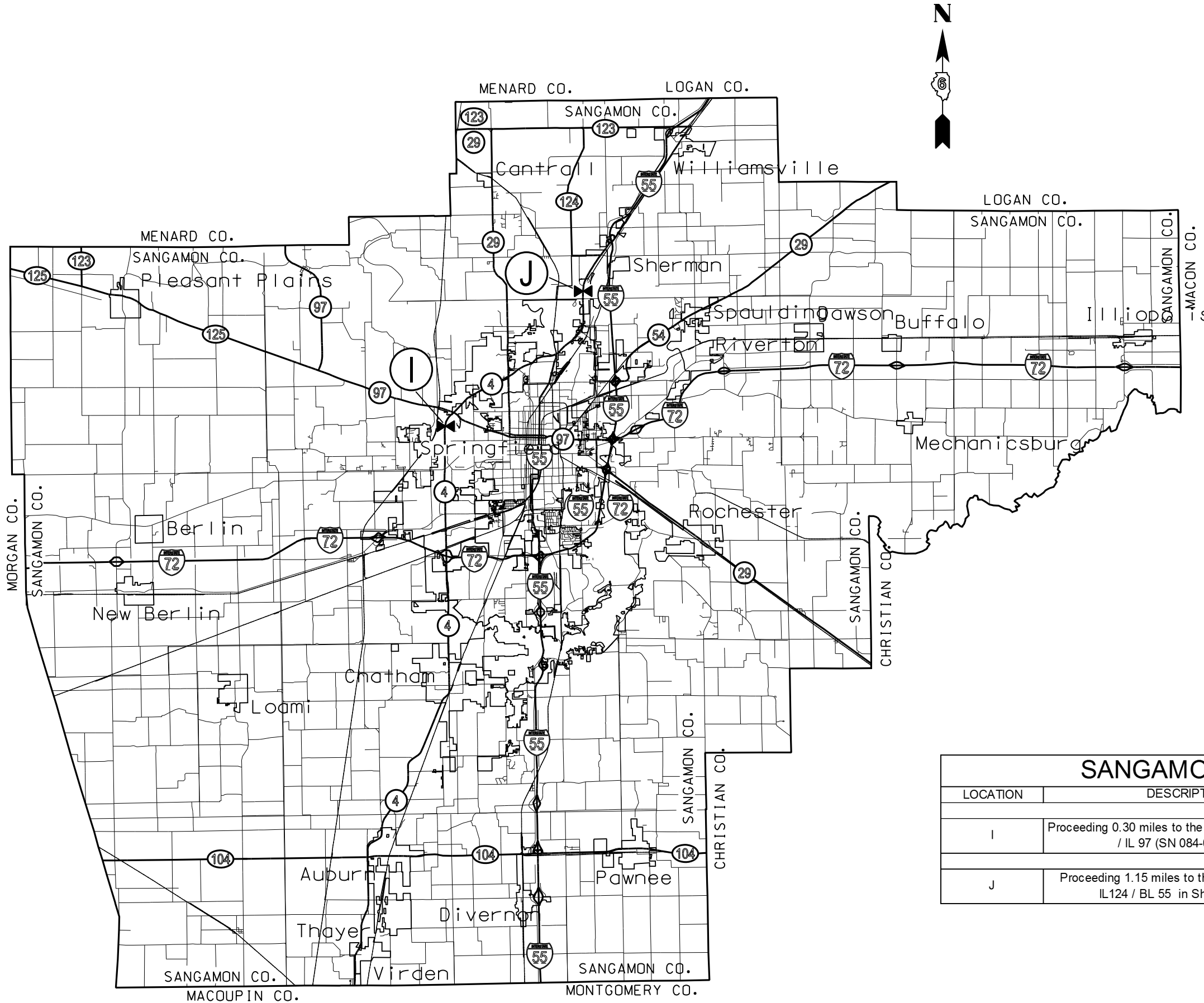
MORGAN COUNTY		
LOCATION	DESCRIPTION LOCATION	ROUTE
C	Proceeding 8.60 miles to the North from the Intersection of IL 100 / I-72 (SN 069-0062)	IL 100
D	Proceeding 2.50 miles to the South from the Intersection of IL 104 / IL 267 (SN 069-0034) Interchange of IL 267/ I-72	IL 267
E	Proceeding 4.43 miles to the West from the Morgan/Sangamon Co. line	IL 104
F	Proceeding 6.73 miles to the West from the Morgan/Sangamon Co. line (near Woodson Franklin Rd in Franklin)	
G	Proceeding 13.25 miles to the West from the Morgan/Sangamon Co. line	
H	Proceeding 16.90 miles to the West from the Morgan/Sangamon Co. line (SN 069-0020)	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>D6 GUARDRAIL END REPL GUARDRAIL LOCATION SHEETS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	13
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				



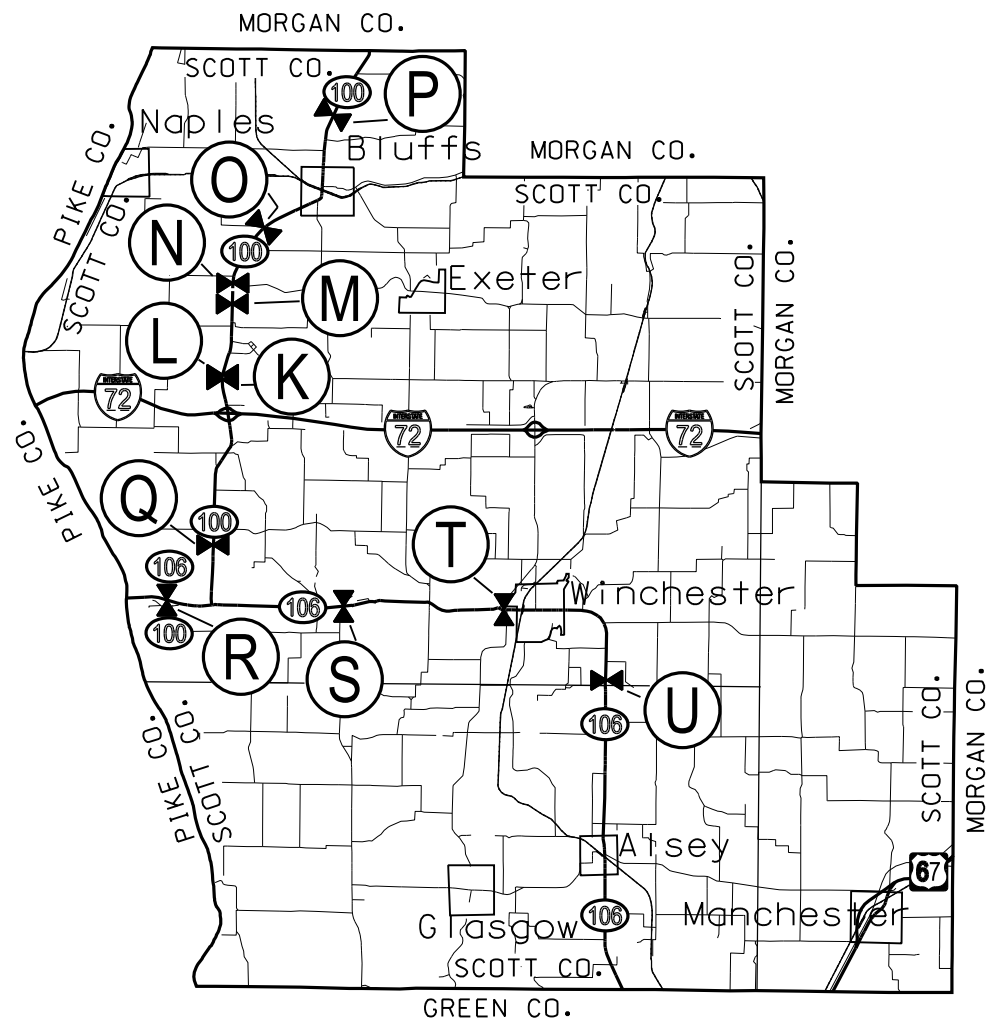
SANGAMON COUNTY		
LOCATION	DESCRIPTION LOCATION	ROUTE
I	Proceeding 0.30 miles to the South from the Intersection of IL 4 / IL 97 (SN 084-0181 & SN 084-0182)	IL 4
J	Proceeding 1.15 miles to the South from the Intersection of IL124 / BL 55 in Sherman (near Sebring Rd)	BL 55

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>D6 GUARDRAIL END REPL GUARDRAIL LOCATION SHEETS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	14
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				



## SCOTT COUNTY

LOCATION	DESCRIPTION	LOCATION	ROUTE
K	Proceeding 0.70 miles to the North from the Intersection of IL 100 / I-72		IL 100
L	Proceeding 0.75 miles to the North from the Intersection of IL 100 / I-72		
M	Proceeding 2.20 miles to the North from the Intersection of IL 100 / I-72		
N	Proceeding 2.60 miles to the North from the Intersection of IL 100 / I-72		
O	Proceeding 3.90 miles to the North from the Intersection of IL 100 / I-72		
P	Proceeding 6.85 miles to the North from the Intersection of IL 100 / I-72 (SN 086-0046)		
Q	Proceeding 2.70 miles to the South from the Intersection of IL 100 / I-72 (SN 086-0039)		IL 100
R	Proceeding 0.80 miles to the East from the (Illinois River) Pike/Scott Co. line		IL 106
S	Proceeding 4.30 miles to the East from the (Illinois River) Pike/Scott Co. line		
T	Proceeding 7.40 miles to the East from the (Illinois River) Pike/Scott Co. line		
U	Proceeding 10.75 miles to the East from the (Illinois River) Pike/Scott Co. line (SN 086-0012)		

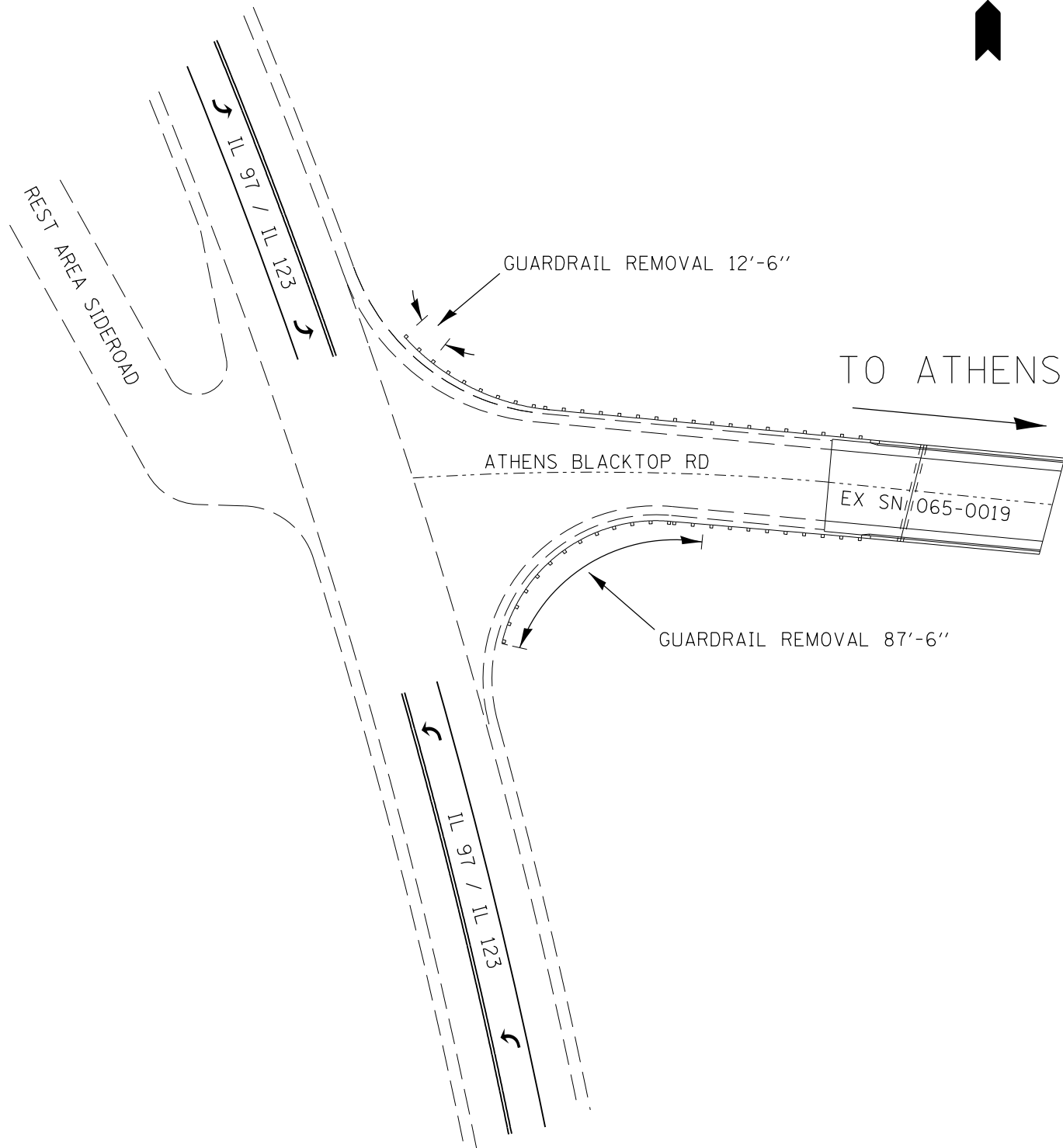
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

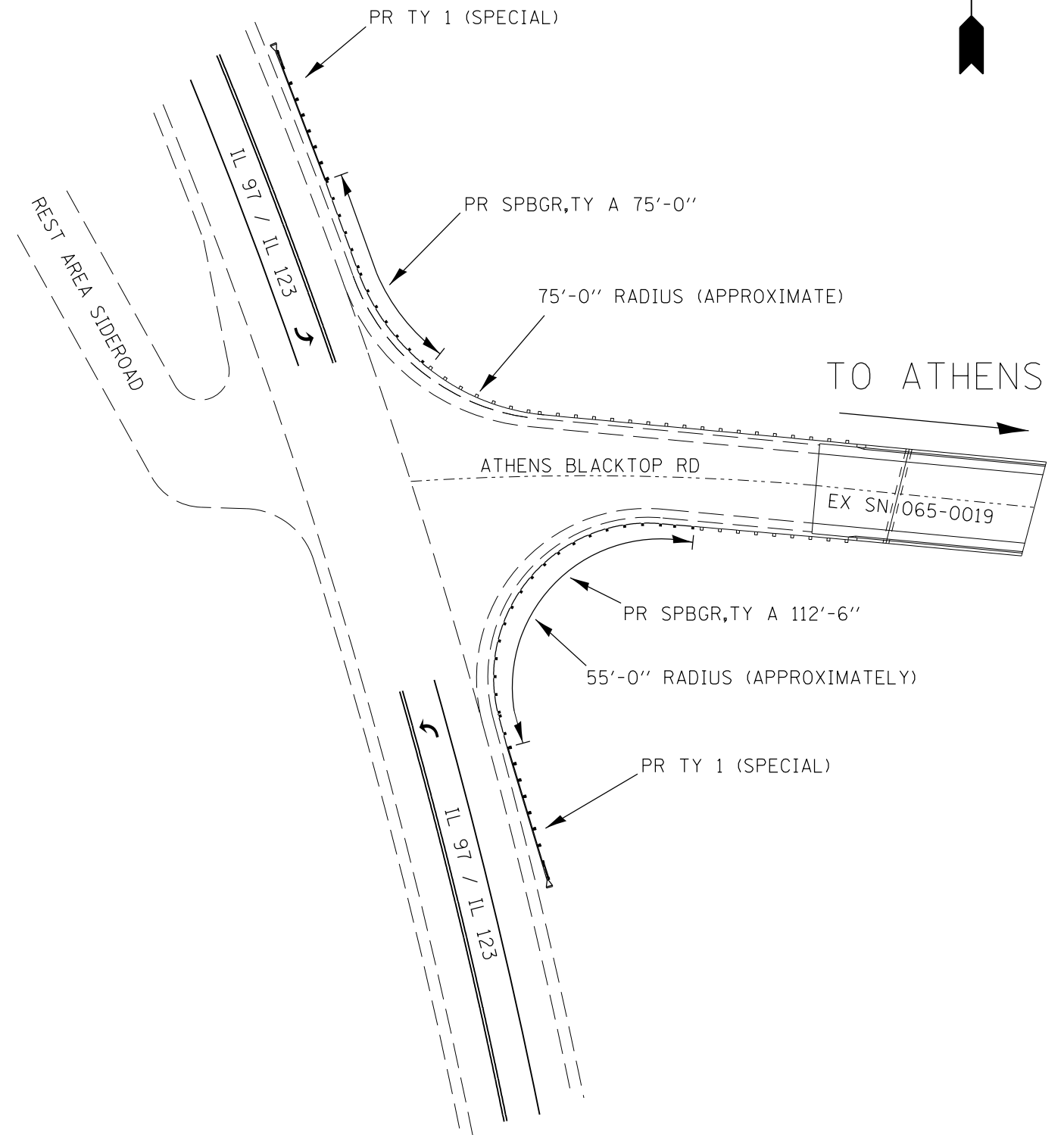
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SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	••	•	34	15
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				

SPECIAL DETAIL  
LOCATION "A" ON IL 97/IL 123  
(EXISTING)



SPECIAL DETAIL  
LOCATION "A" ON IL 97/IL 123  
(PROPOSED)



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

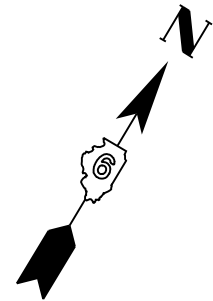
D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	*	34	16
			CONTRACT NO. 72E15	
ILLINOIS FED. AID PROJECT				

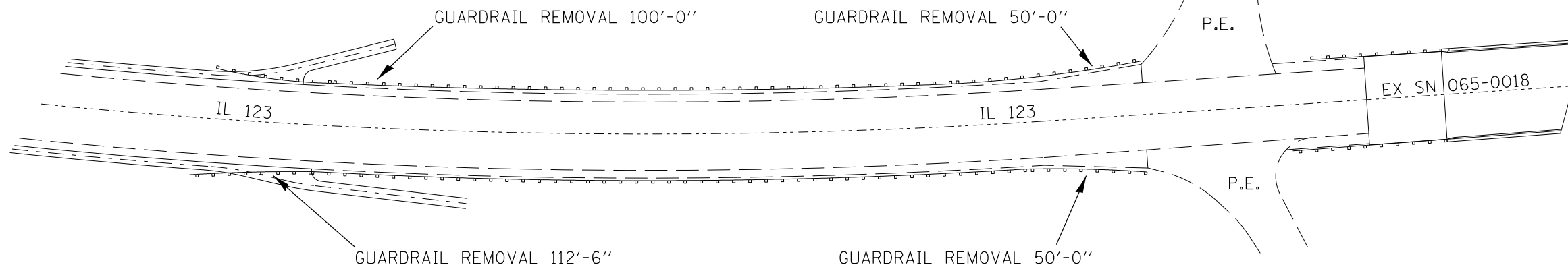


SPECIAL DETAIL  
LOCATION "B" ON IL 123  
(EXISTING)

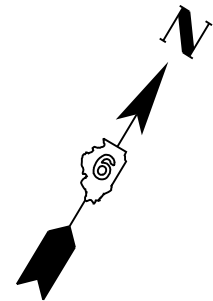


TO PETERSBURG

TO IL 29

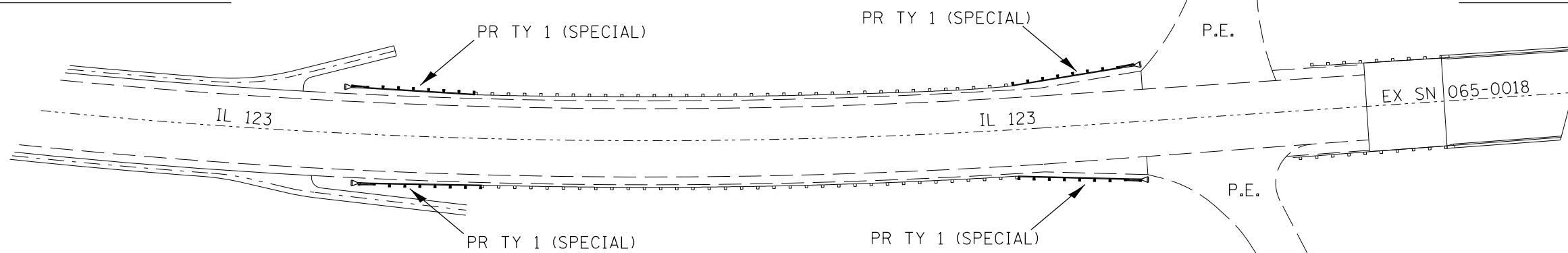


SPECIAL DETAIL  
LOCATION "B" ON IL 123  
(PROPOSED)



TO PETERSBURG

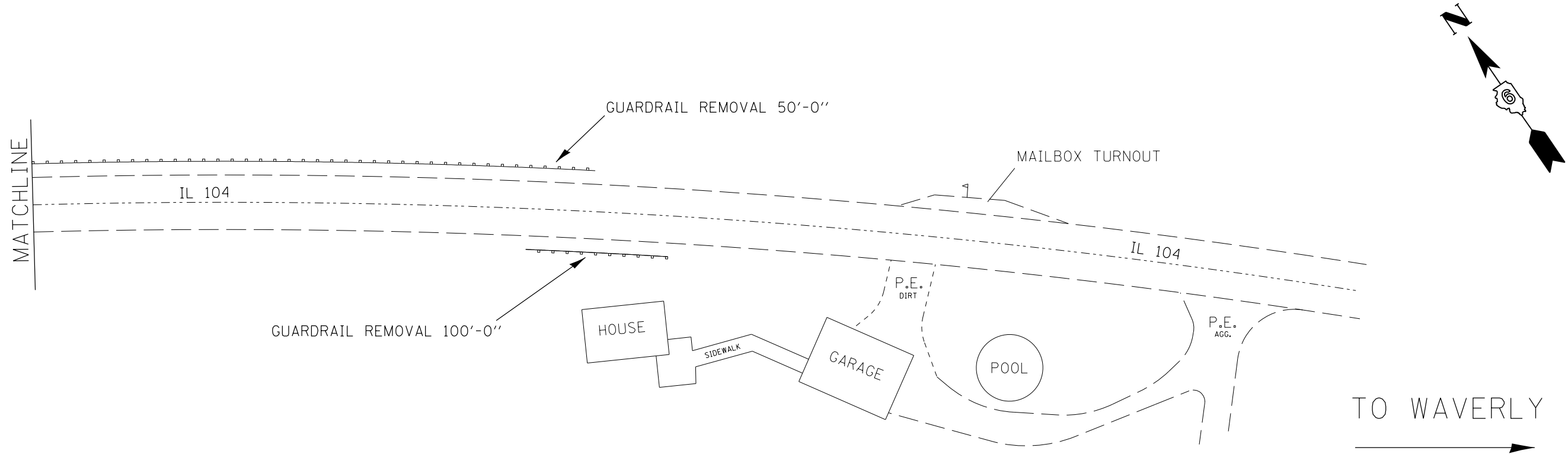
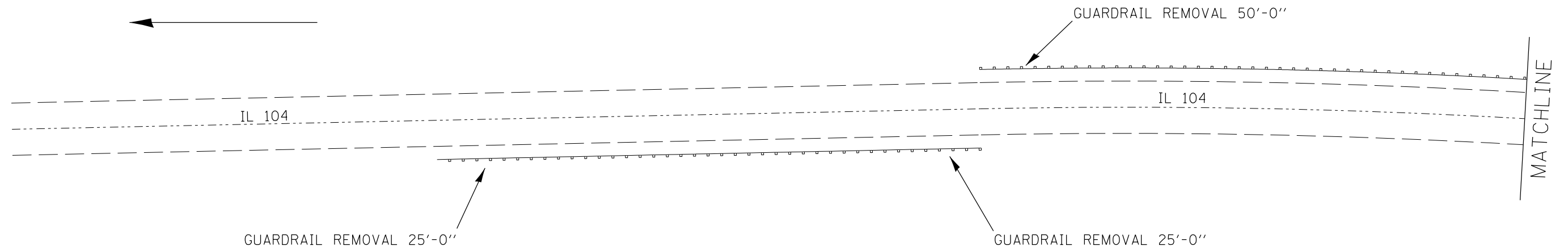
TO IL 29



FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL GUARDRAIL DETAIL SHEETS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT												

SPECIAL DETAIL  
LOCATION "E" ON IL 104  
(EXISTING)

TO FRANKLIN  
←



FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
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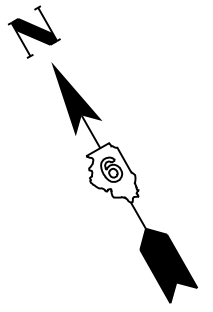
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

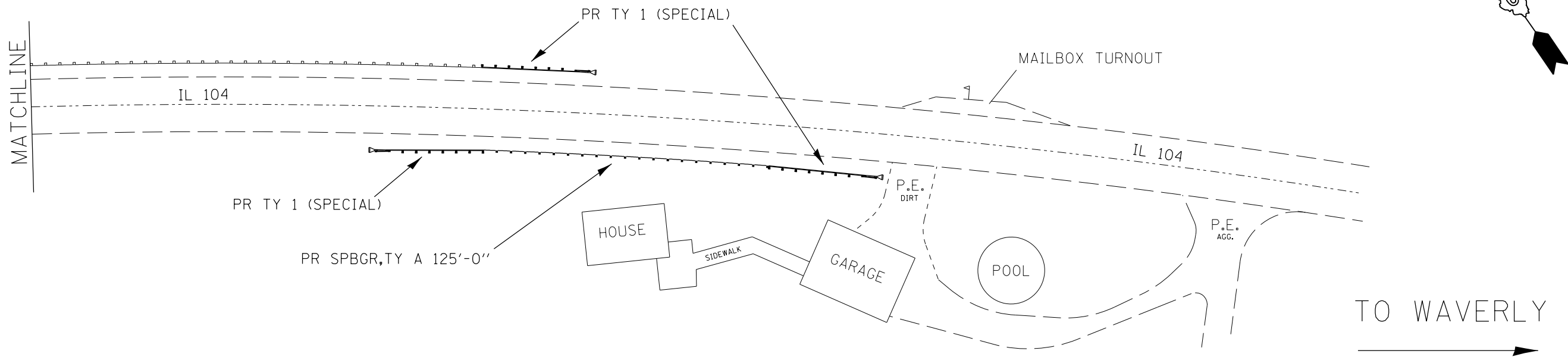
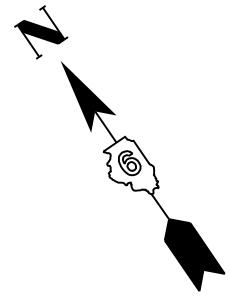
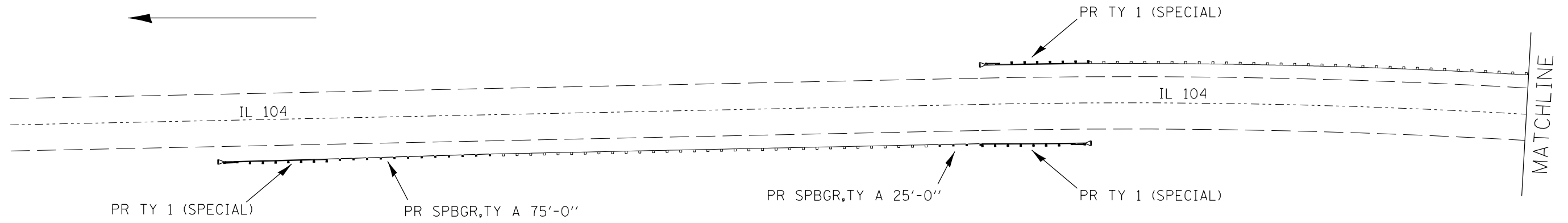
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	18
			CONTRACT NO. 72E15	

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

SPECIAL DETAIL  
LOCATION "E" ON IL 104  
(PROPOSED)



TO FRANKLIN  
←



FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
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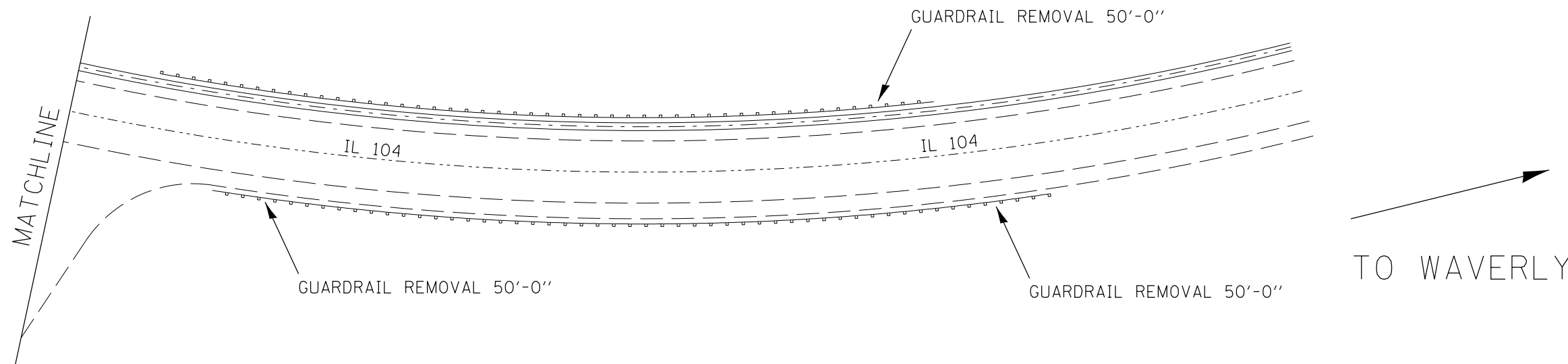
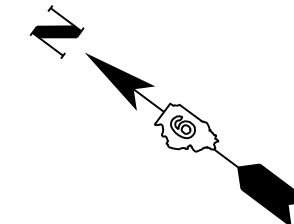
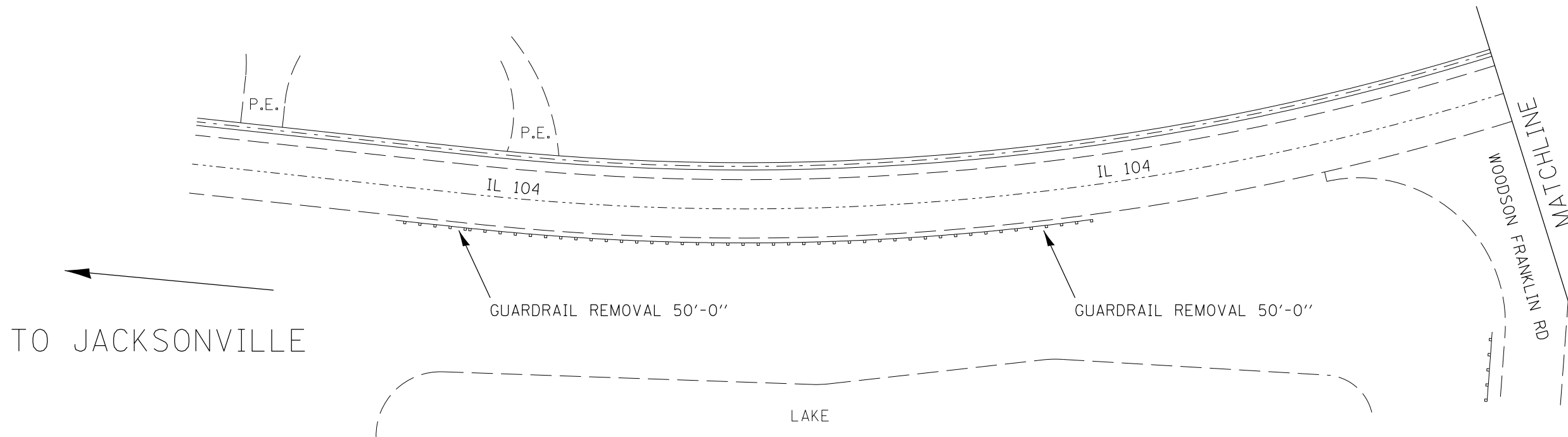
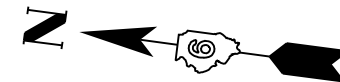
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	19
			CONTRACT NO. 72E15	
ILLINOIS FED. AID PROJECT				

SPECIAL DETAIL  
LOCATION "F" ON IL 104  
(EXISTING)



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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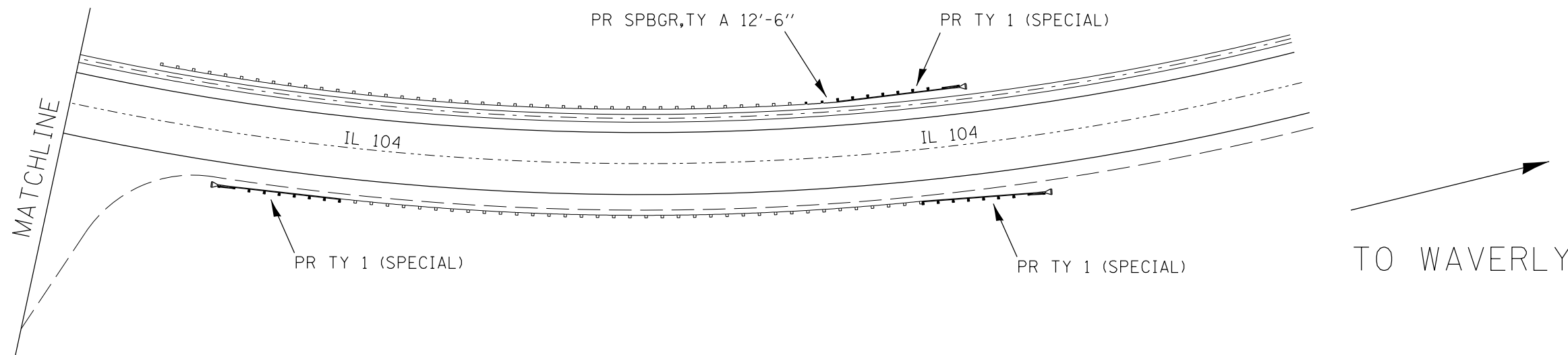
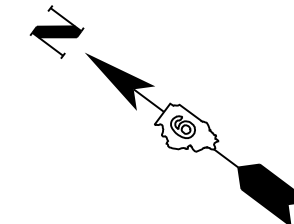
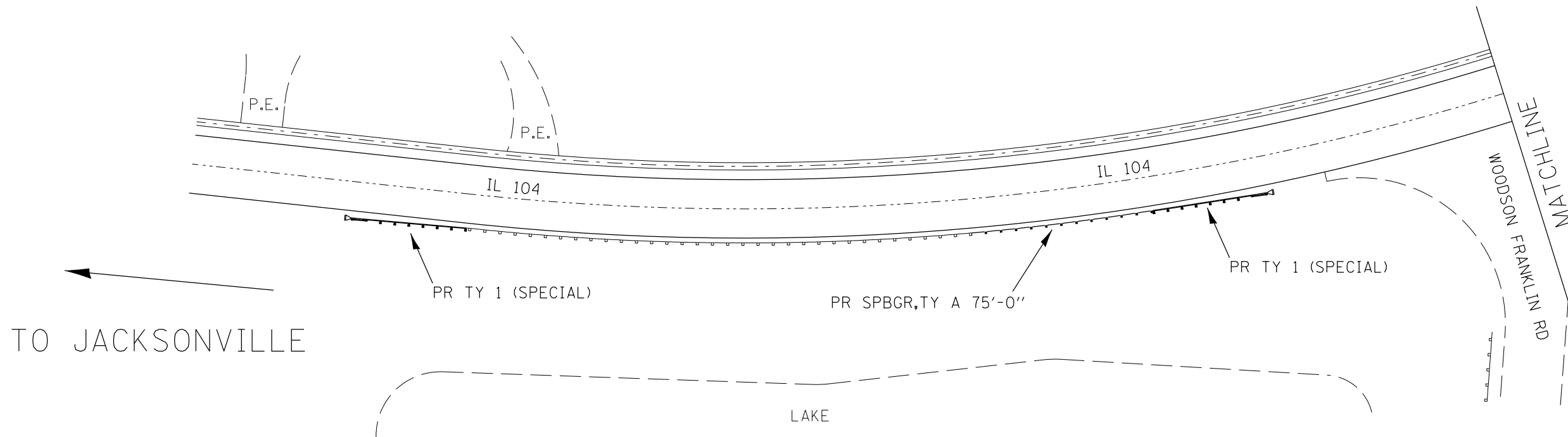
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	20
			CONTRACT NO. 72E15	

SPECIAL DETAIL  
LOCATION "F" ON IL 104  
(PROPOSED)



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

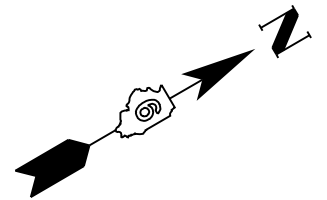
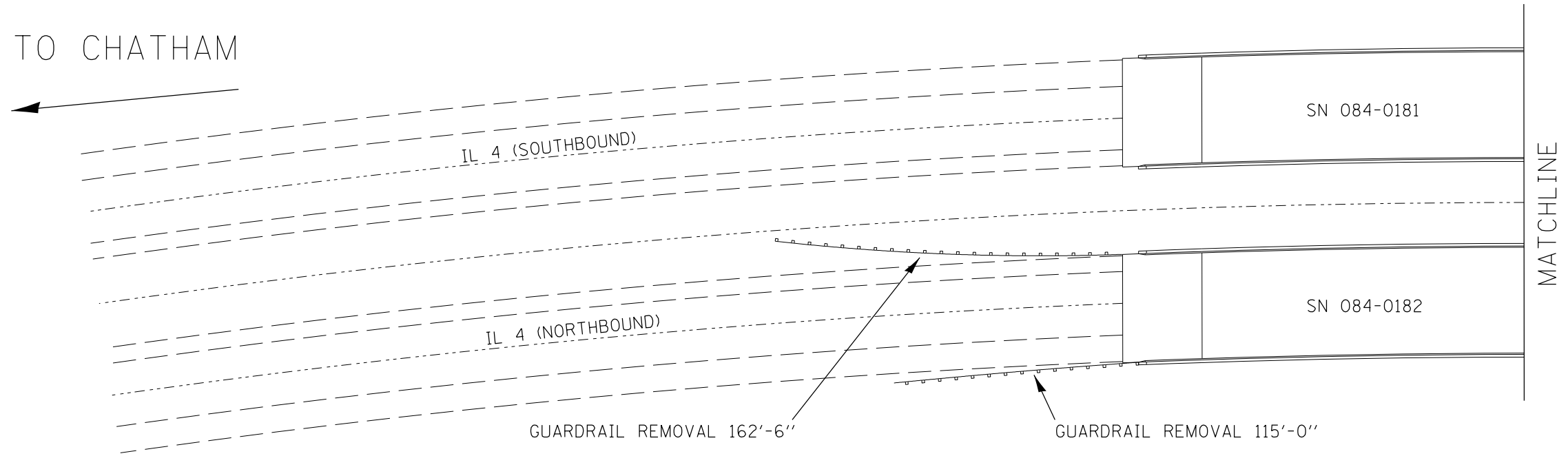
D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

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

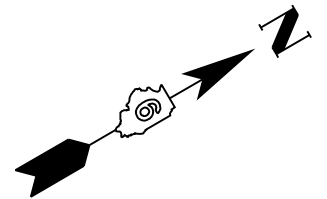
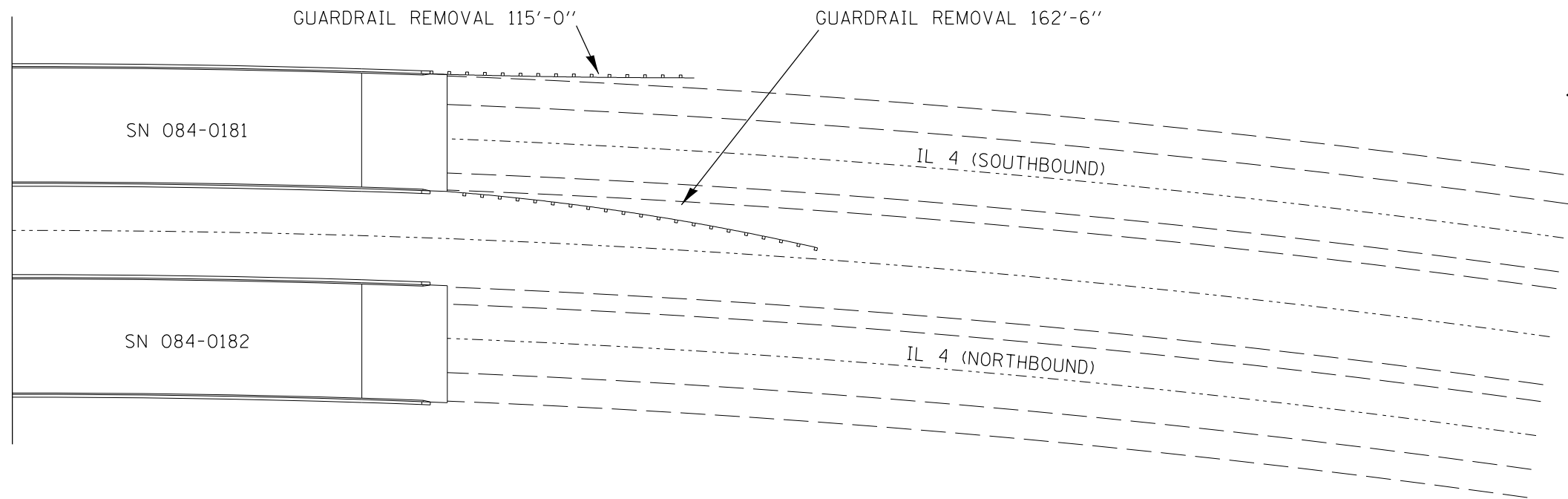
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	21
			CONTRACT NO. 72E15	

SPECIAL DETAIL  
LOCATION "I" ON IL 104  
(EXISTING)

TO CHATHAM



MATCHLINE



TO SHERMAN

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

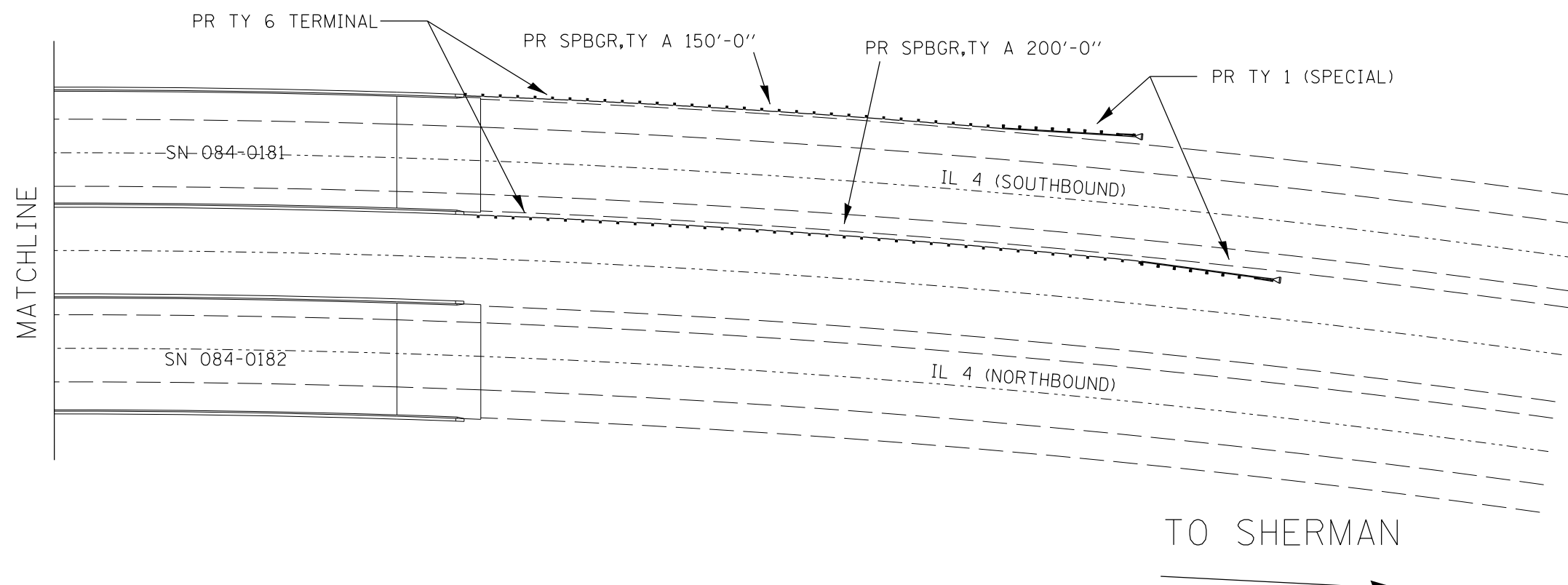
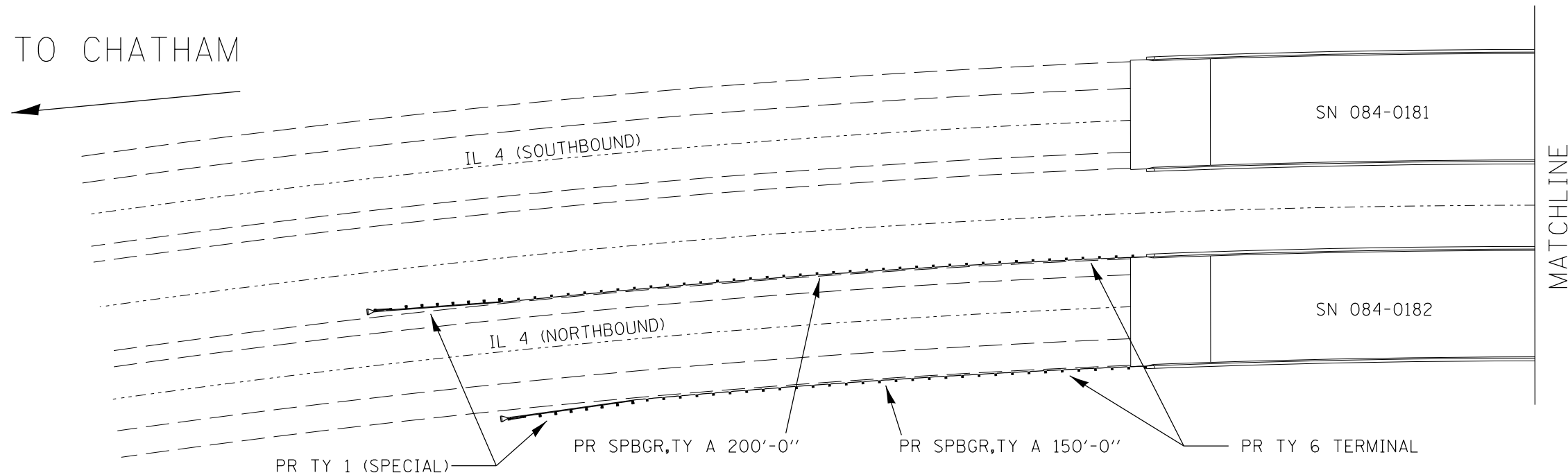
D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	*	34	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E15	

SPECIAL DETAIL  
LOCATION "I" ON IL 104  
(PROPOSED)

TO CHATHAM



TO SHERMAN

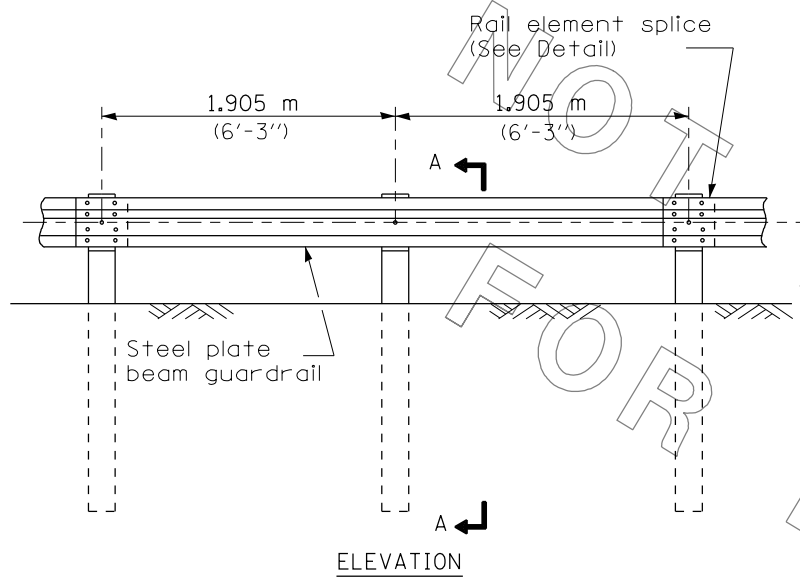
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	PLOT DATE = Feb-04-2011 07:02:27AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

D6 GUARDRAIL END REPL  
GUARDRAIL DETAIL SHEETS

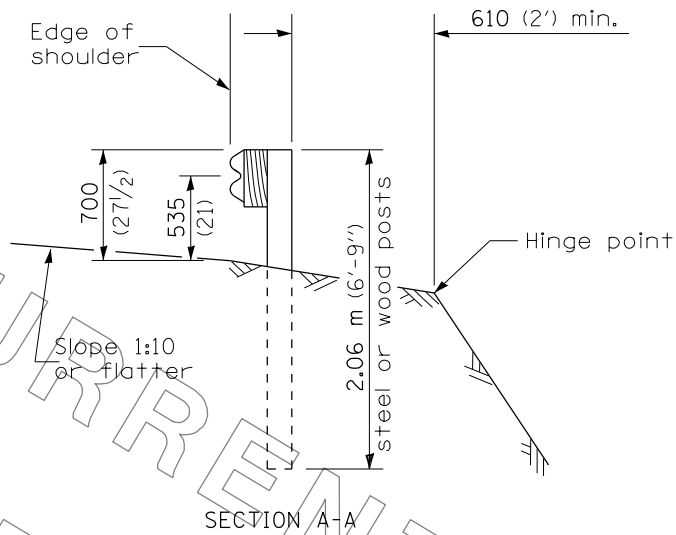
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	23
			CONTRACT NO. 72E15	

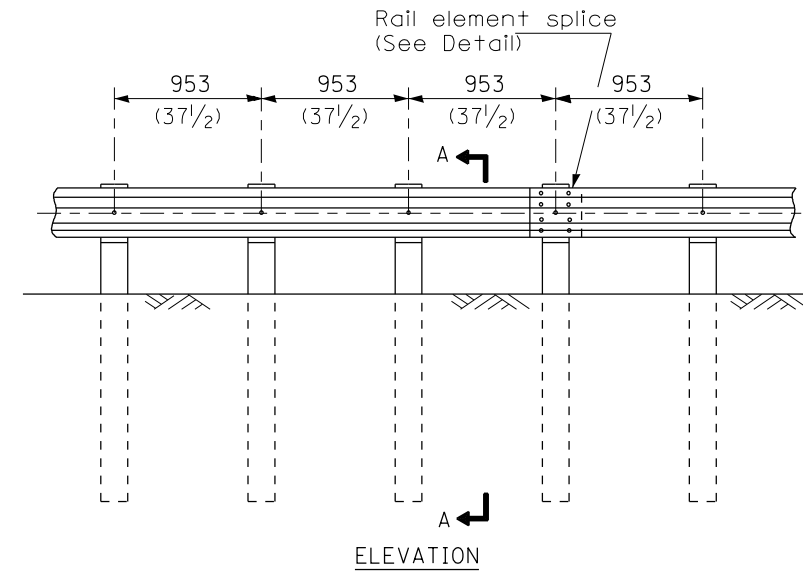


**TYPE A**

1.905 m (6'-3") Typical post spacing

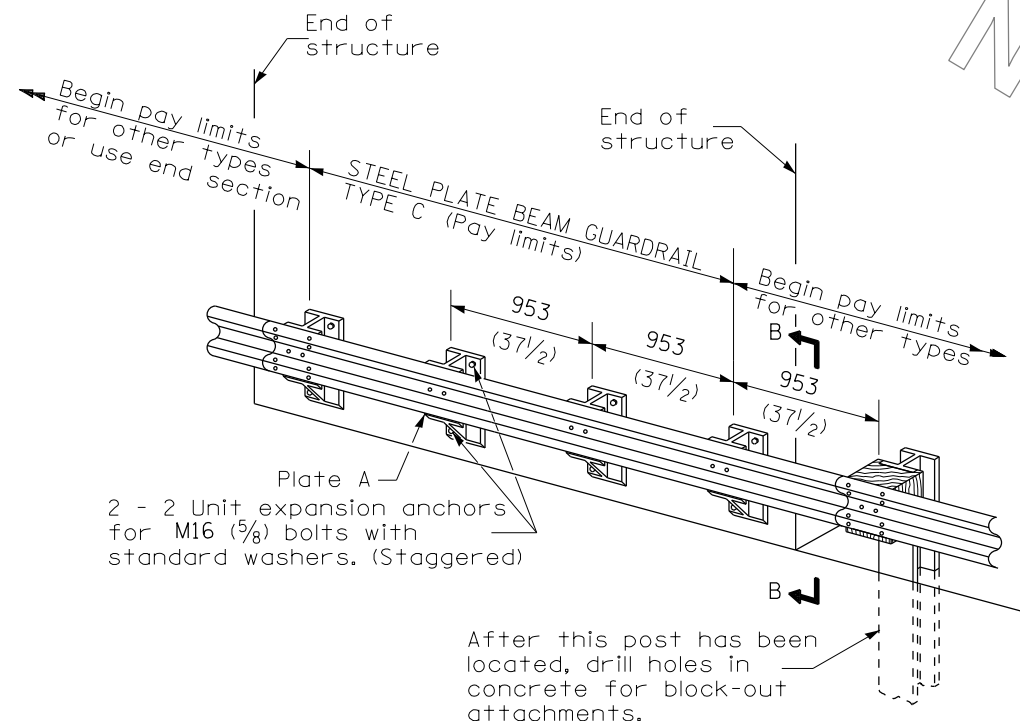


SECTION A-A



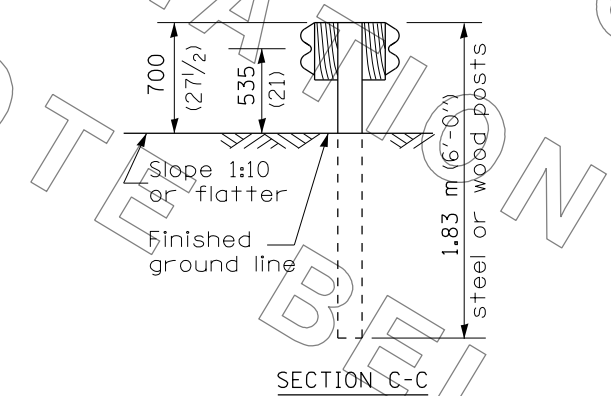
**TYPE B**

953 (37 1/2) Closed post spacing

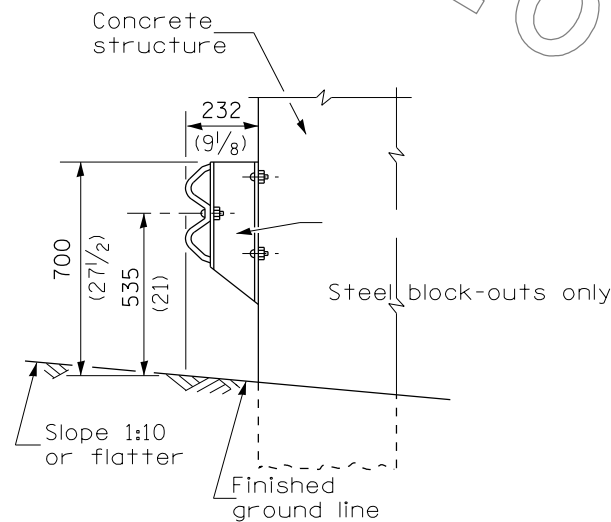


**TYPE C**

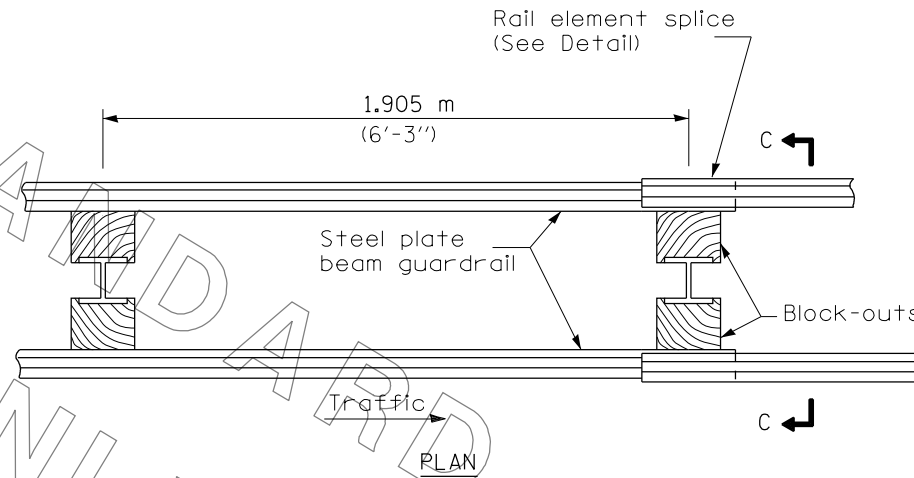
953 (37 1/2) Block-out spacing



SECTION C-C



SECTION B-B



**TYPE D**

Double steel plate beam guardrail  
1.905 m (6'-3") typical post spacing

**NOTE:**  
**THIS DETAIL SHALL BE USED FOR GUARDRAIL REPAIRS WHERE NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE TIED INTO EXISTING STEEL PLATE BEAM GUARDRAIL AS WELL AS FOR REMOVING AND RE-ERECTING THE RAIL ELEMENT.**

**GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

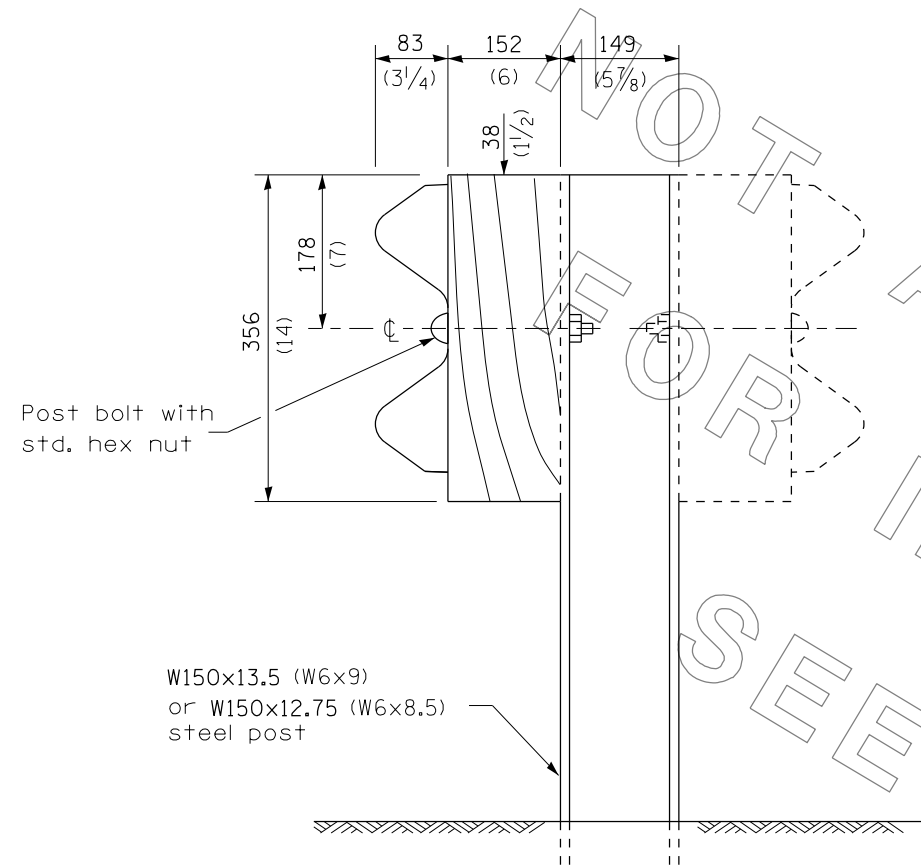
All dimensions are in millimeters (inches) unless otherwise shown.

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

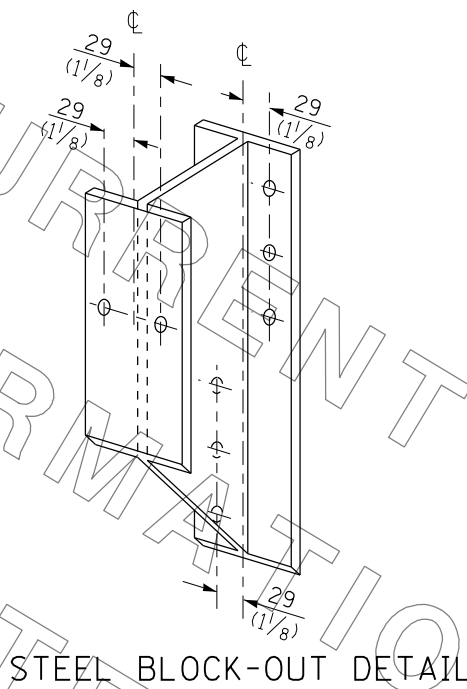
This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

FILE NAME =	USER NAME = laughl1nr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL GUARDRAIL MODIFICATION SHEETS</b>				F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\laughl1nr1\0247411\0672E15-sht-guardrail-modification.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		34	24
		CHECKED -	REVISED -						CONTRACT NO. 72E15				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

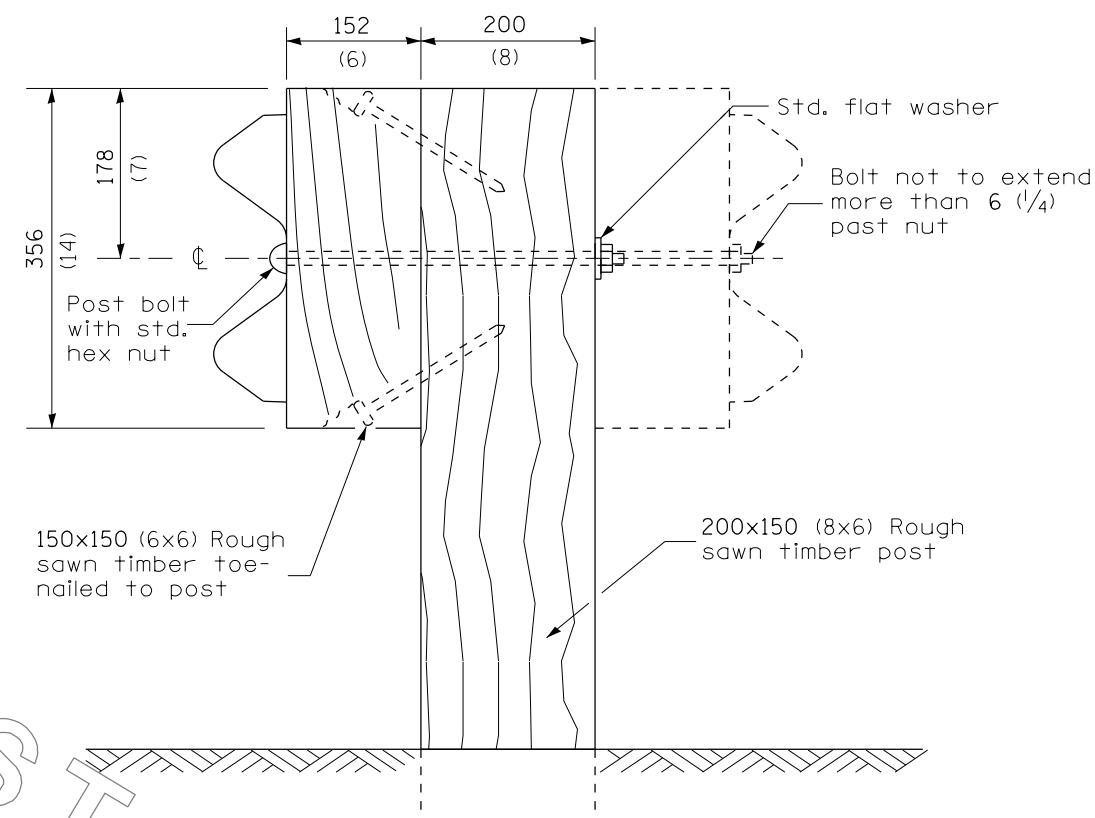




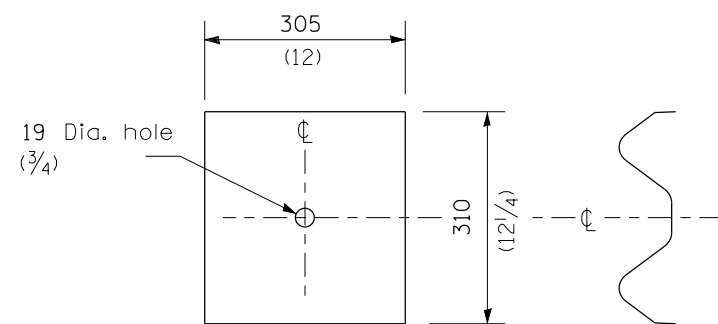
**STEEL POST CONSTRUCTION**



**STEEL BLOCK-OUT DETAIL**



**WOOD POST CONSTRUCTION**



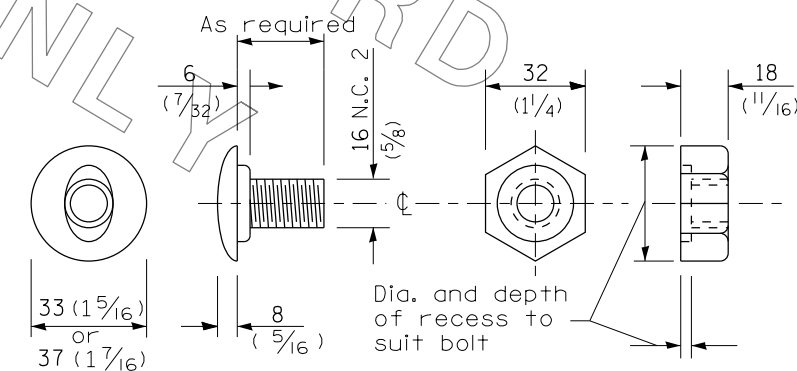
**NOTE**

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

**PLATE A**

**NOTE:**

THIS DETAIL SHALL BE USED FOR GUARDRAIL REPAIRS WHERE NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE TIED INTO EXISTING STEEL PLATE BEAM GUARDRAIL AS WELL AS FOR REMOVING AND RE-ERECTING THE RAIL ELEMENT.



**POST OR SPLICE BOLT & NUT**

FILE NAME =	USER NAME = laughlrr1	DESIGNED -	REVISED -
et:\pw\work\p\dot\laughlrr1\0247411\0672E15-sht-guardrail-modification.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

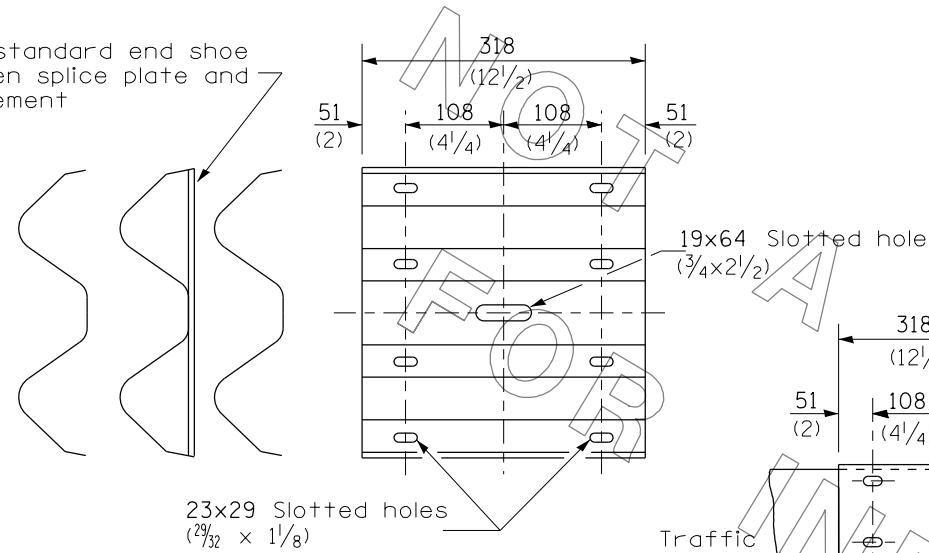
**D6 GUARDRAIL END REPL  
GUARDRAIL MODIFICATION SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	25
CONTRACT NO. 72E15				

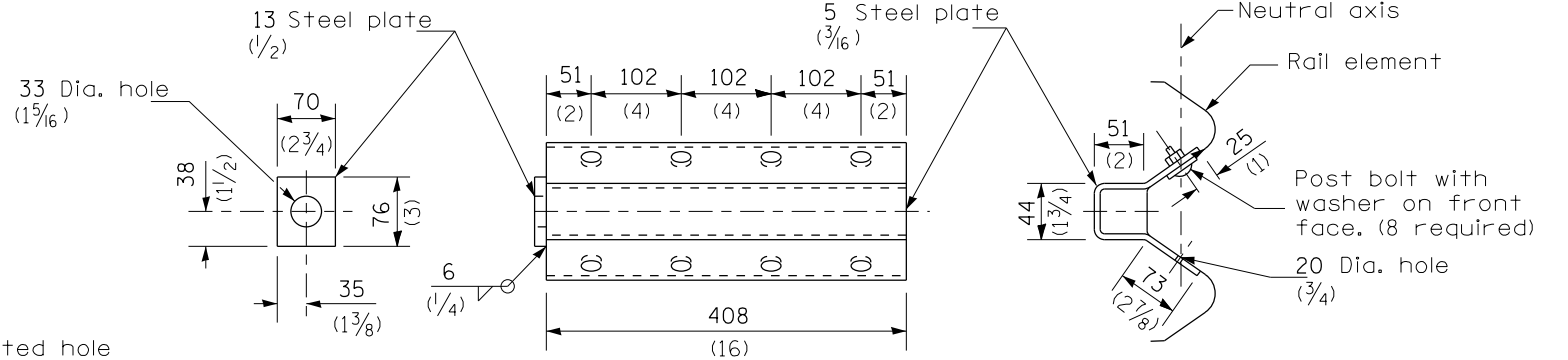
SCALE: SHEET NO. OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

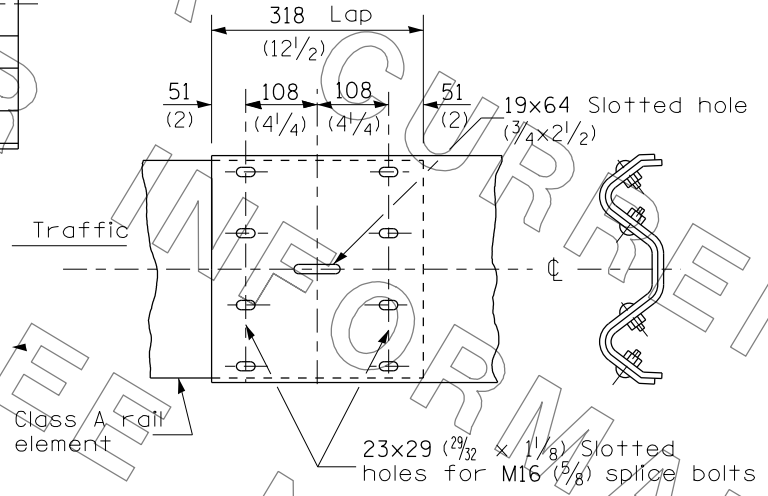
Place standard end shoe between splice plate and rail element



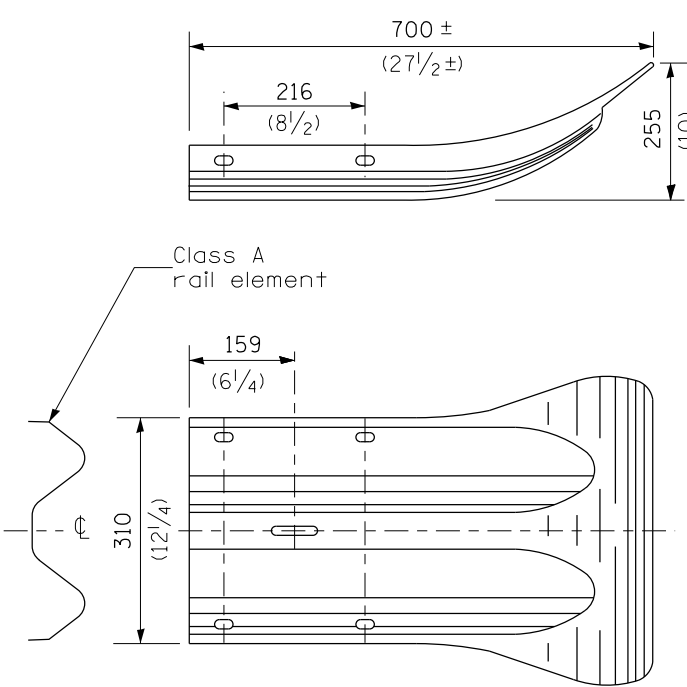
**SPLICE PLATE**



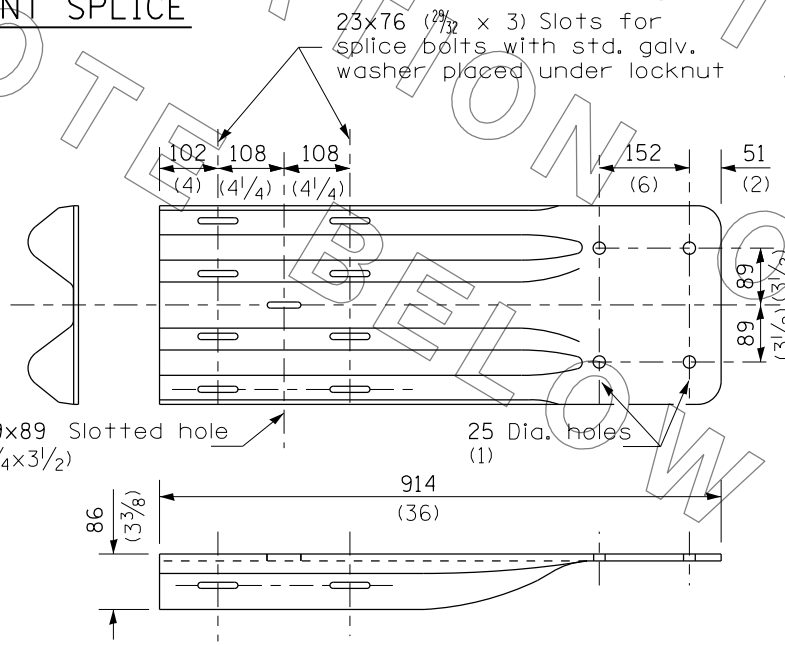
**ANCHOR PLATE T DETAILS**



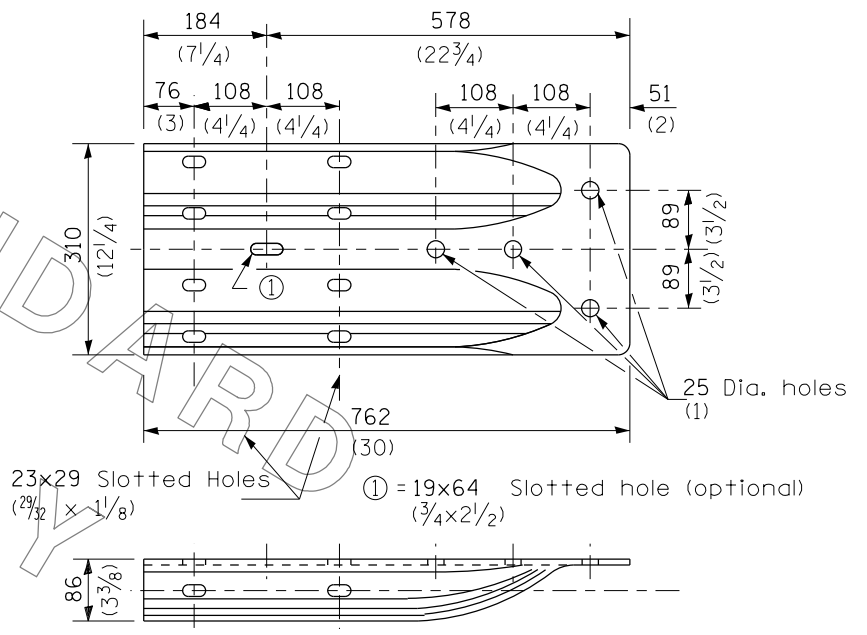
**RAIL ELEMENT SPLICE**



**END SECTION**

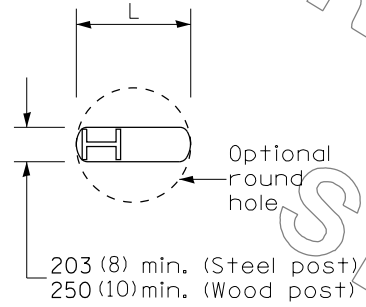


**END SHOE**

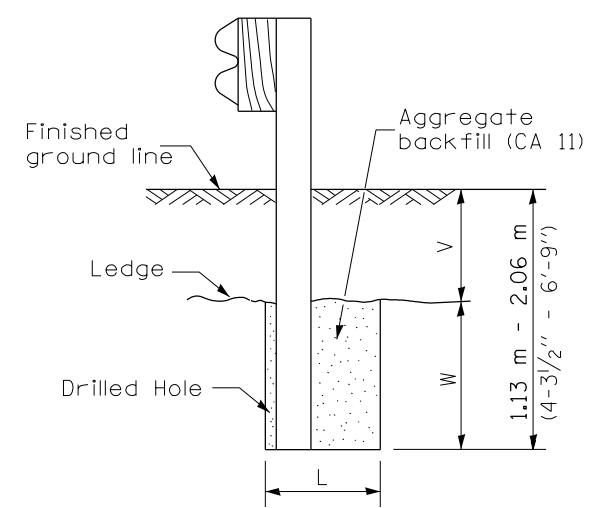


**ALTERNATE END SHOE**

**NOTE:**  
**THIS DETAIL SHALL BE USED FOR GUARDRAIL REPAIRS WHERE NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE TIED INTO EXISTING STEEL PLATE BEAM GUARDRAIL AS WELL AS FOR REMOVING AND RE-ERECTING THE RAIL ELEMENT.**



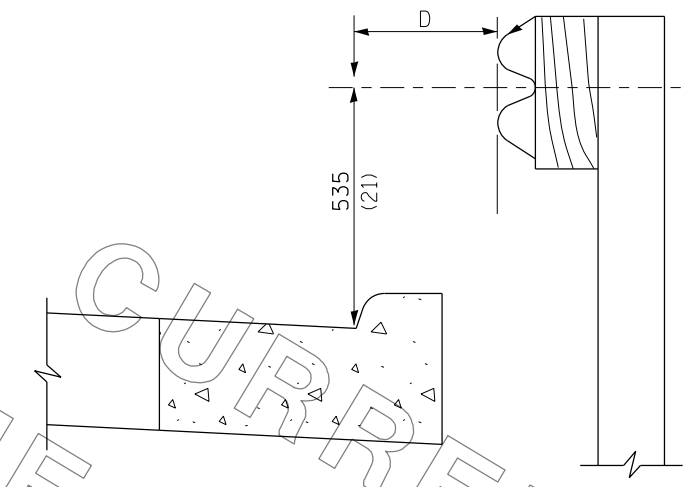
PLAN



ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

Note:  
Ledge line is top of rock ledge or hard slag fill.



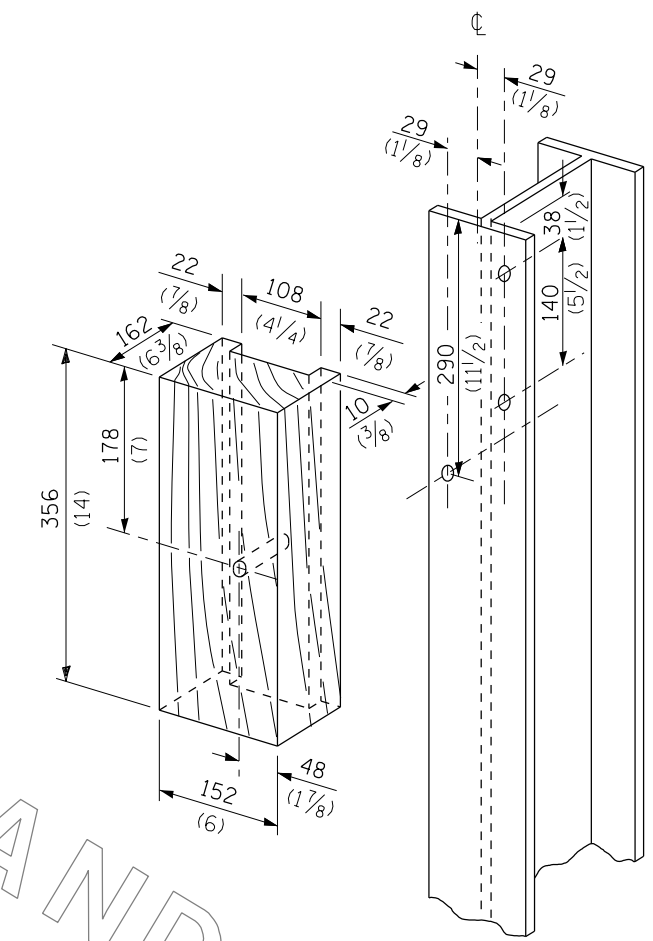
Note:  
If it is necessary for D to be more than 300 (12) and less than 3.0 m (10'-0'') type M-5 (M-2) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

GUARDRAIL PLACED BEHIND CURB

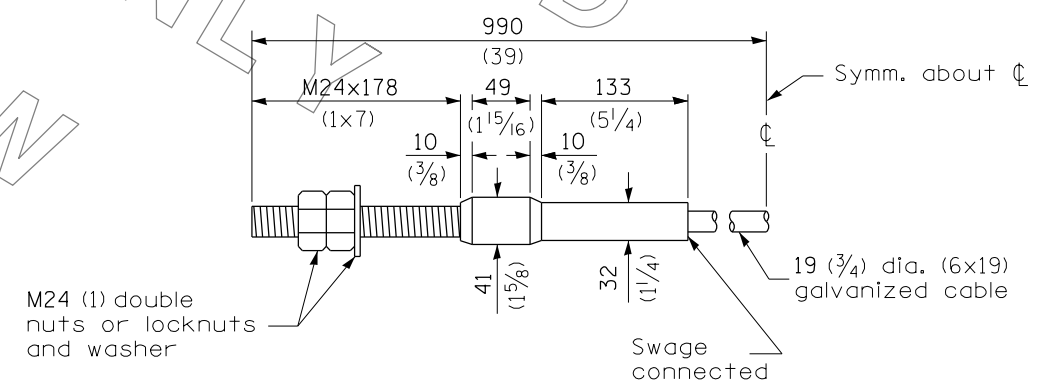
(D = 0 desirable to 300 (12) maximum)

V	W	L	
		Steel Post	Wood Post
0 - 460 (0 - 18)	610 (24)	530 (21)	580 (23)
>460 - 825 (>18 - 41.5)	305 (12)	203 (8)	250 (10)
>825 - 1.13 m (>41.5 - 53.5)	305 - 0 (12 - 0)	203 (8)	250 (10)

**NOTE:**  
THIS DETAIL SHALL BE USED FOR GUARDRAIL REPAIRS WHERE NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE TIED INTO EXISTING STEEL PLATE BEAM GUARDRAIL AS WELL AS FOR REMOVING AND RE-ERECTING THE RAIL ELEMENT.



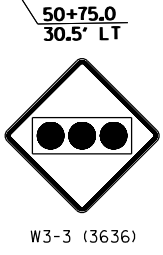
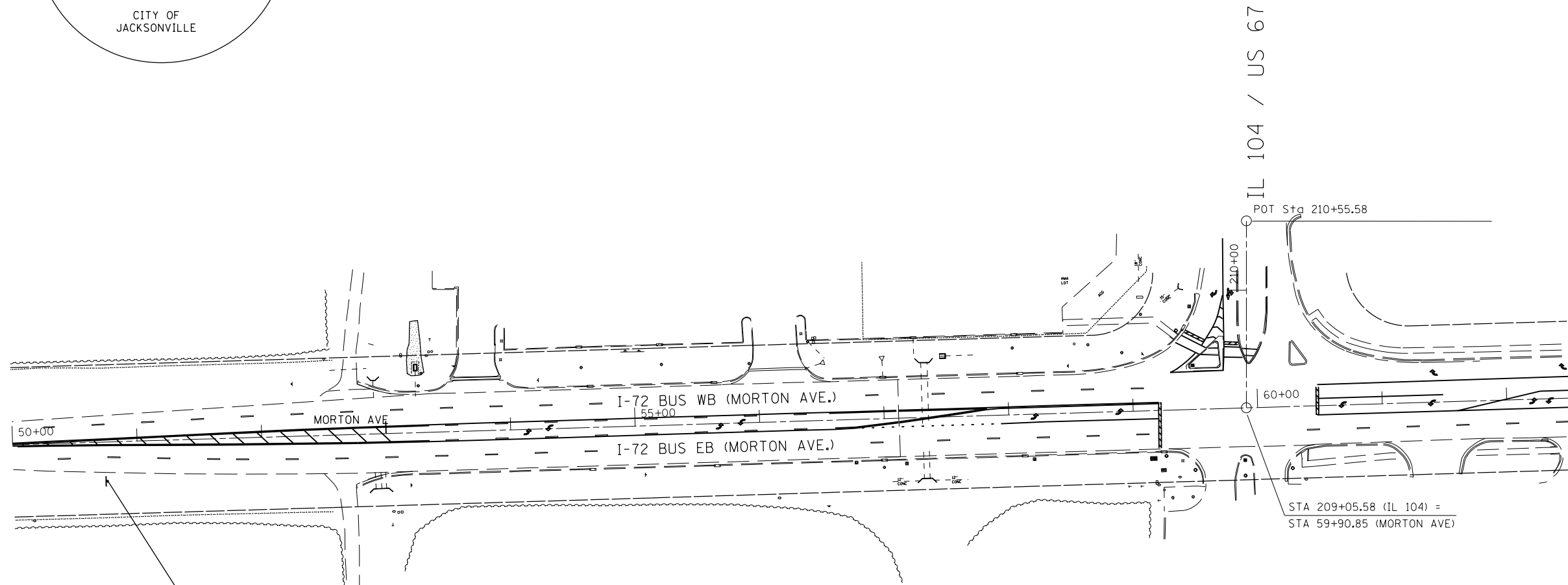
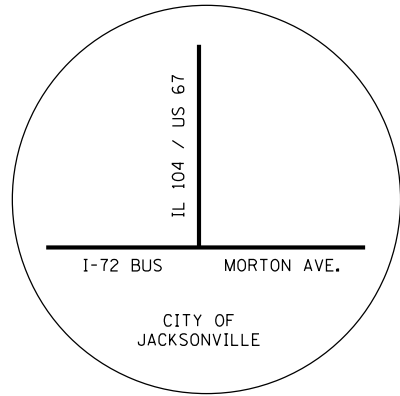
WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

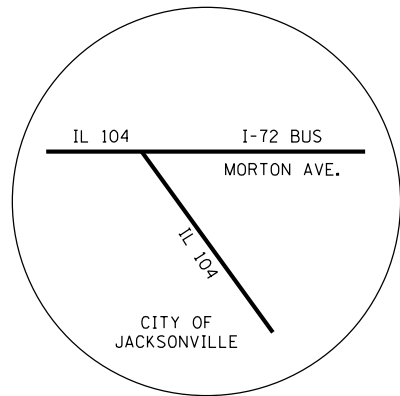
(18,100 kg (40,000 lbs.) min. breaking strength)  
Tighten to taut tension.

# SIGN LOCATION #1

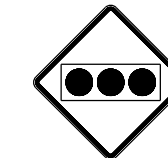


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL SIGN LOCATION &amp; DETAIL SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -											
	PLOT DATE = Feb-04-2011 07:02:46AM	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				
											CONTRACT NO. 72E15		ILLINOIS FED. AID PROJECT	

# SIGN LOCATION #2



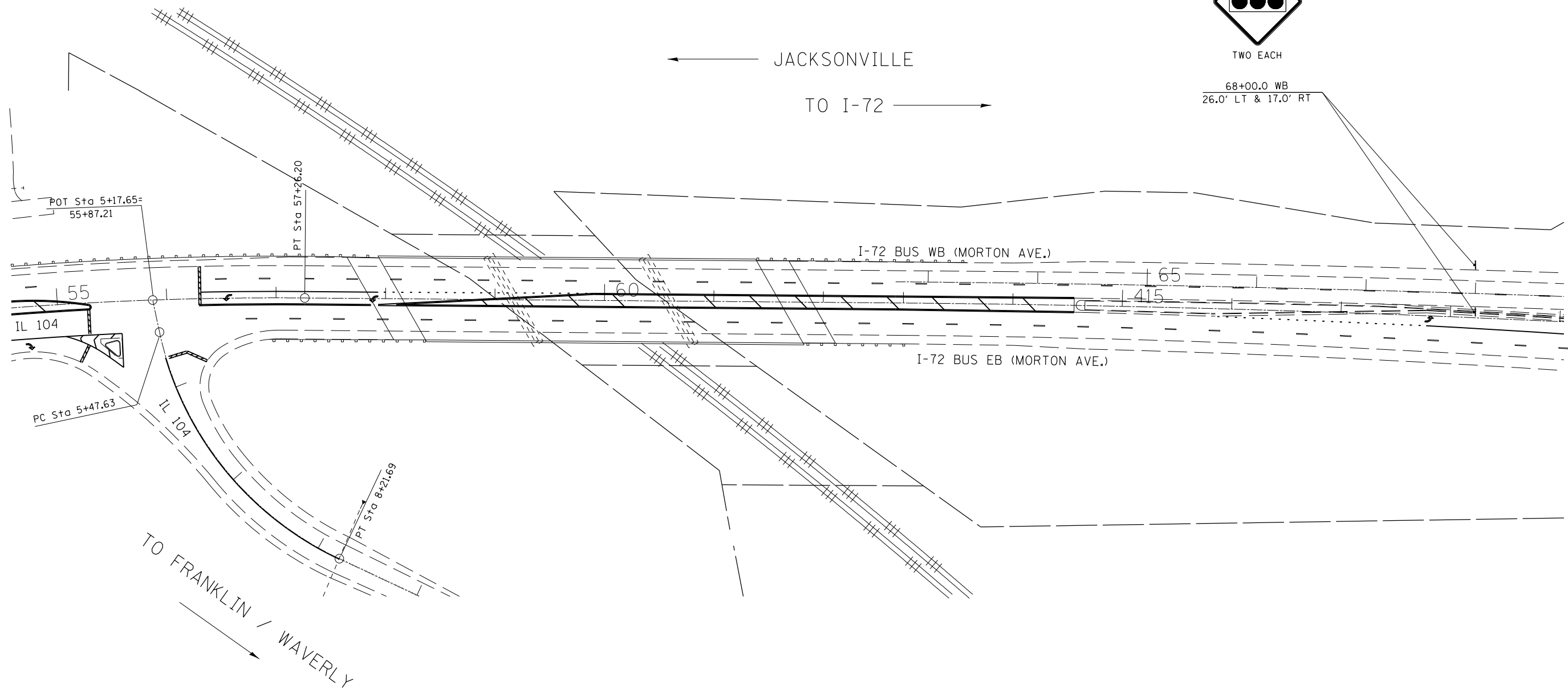
W3-3 (3636)



TWO EACH

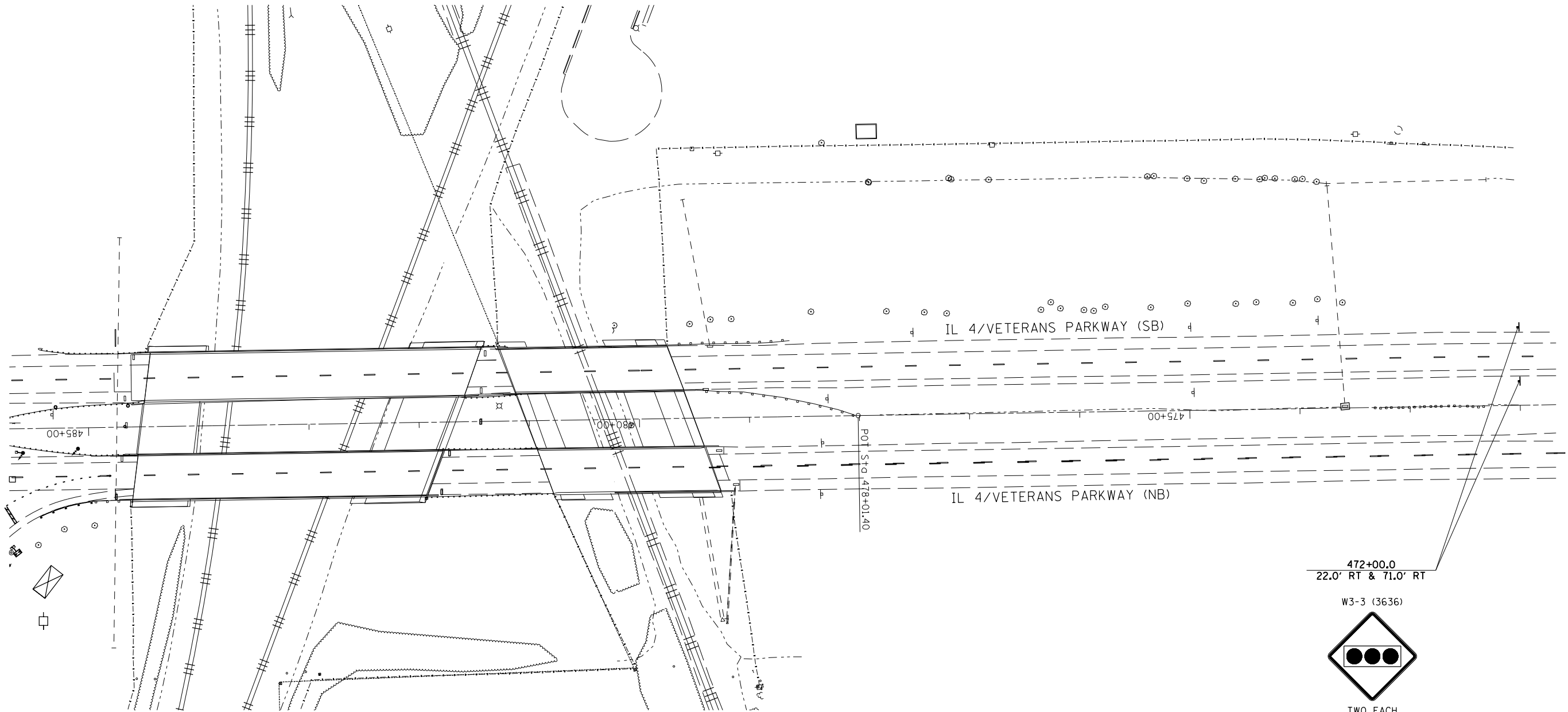
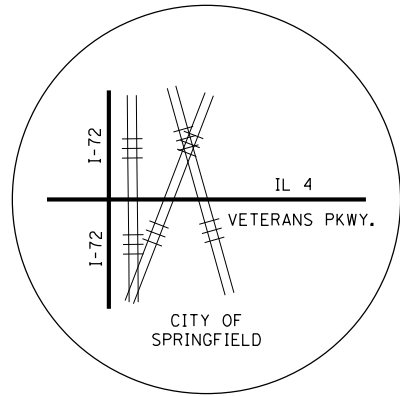
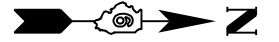
68+00.0 WB  
26.0' LT & 17.0' RT

← JACKSONVILLE  
TO I-72 →



FILE NAME =	USER NAME = laughlir1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>D6 GUARDRAIL END REPL SIGN LOCATION &amp; DETAIL SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 72E15		
	PLOT DATE = Feb-04-2011 07:02:48AM	DATE -	REVISED -										

# SIGN LOCATION #3



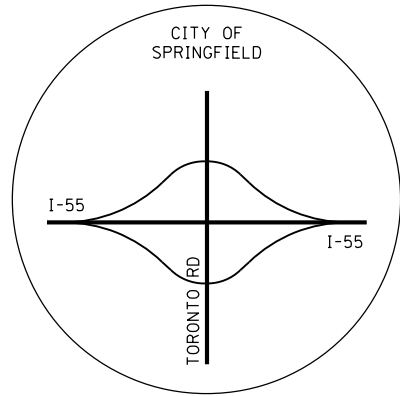
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

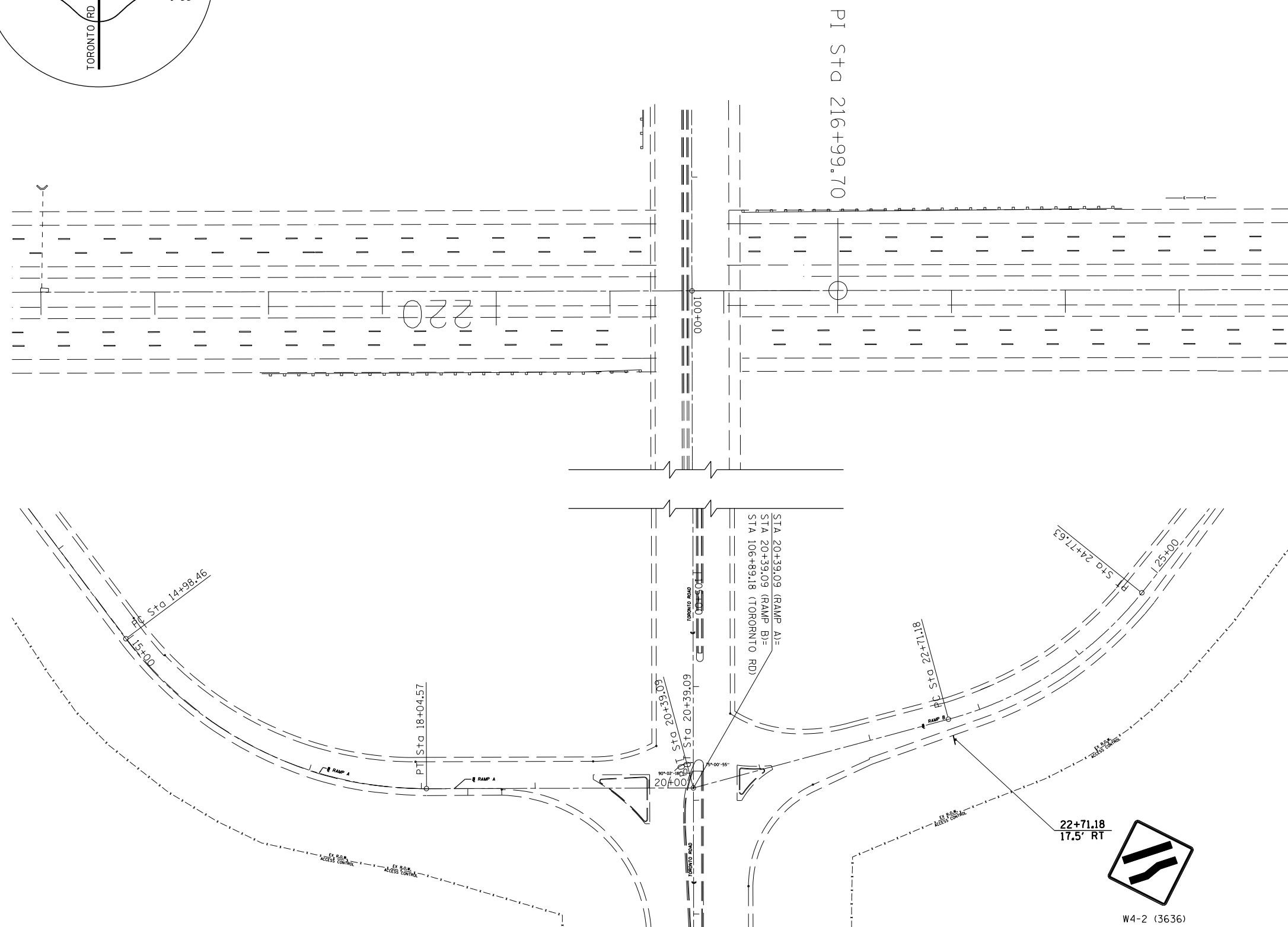
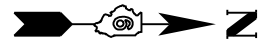
D6 GUARDRAIL END REPL  
SIGN LOCATION & DETAIL SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	*	34	30
CONTRACT NO. 72E15			ILLINOIS FED. AID PROJECT	



# SIGN LOCATION #4

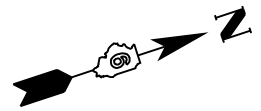


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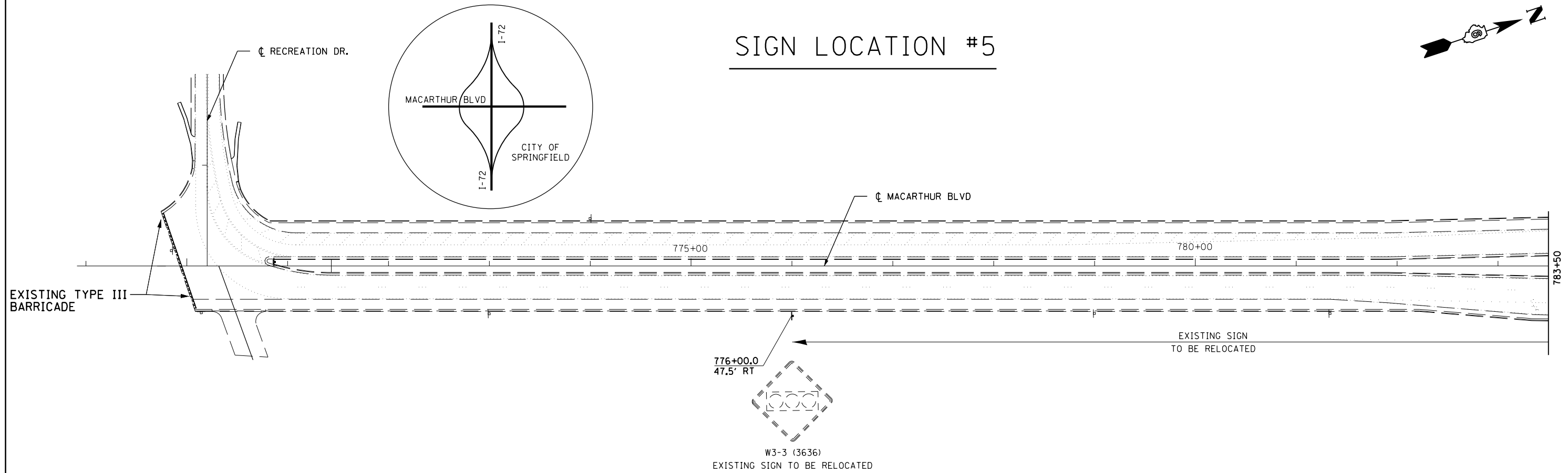
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

D6 GUARDRAIL END REPL SIGN LOCATION & DETAIL SHEETS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

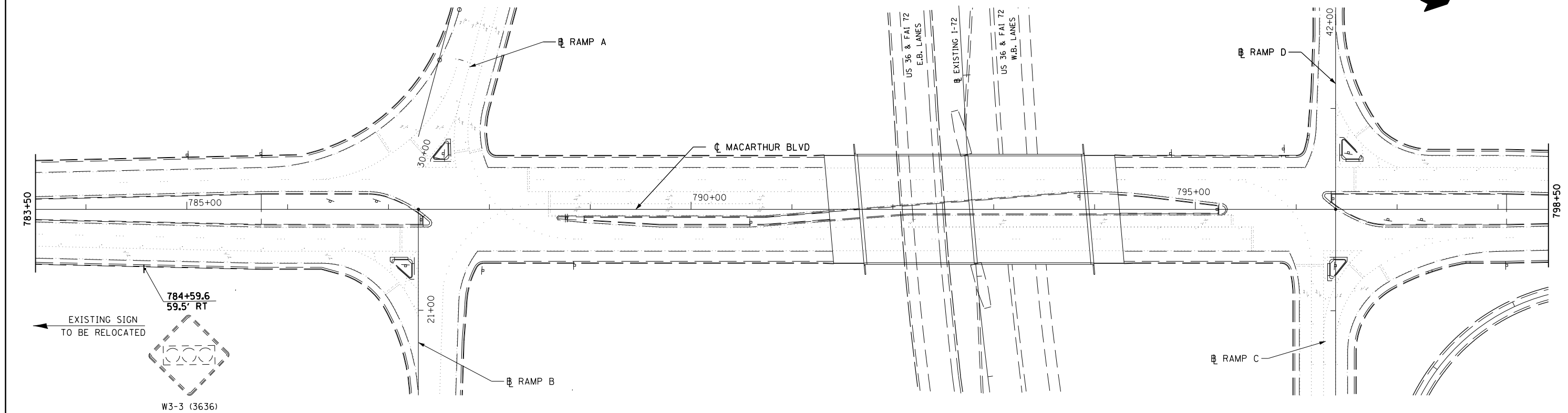
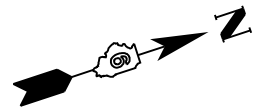
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	*	34	31
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				



# SIGN LOCATION #5



# SIGN LOCATION #5



FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
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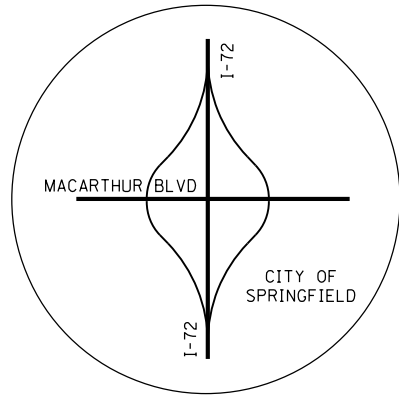
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**D6 GUARDRAIL END REPL  
SIGN LOCATION & DETAIL SHEETS**

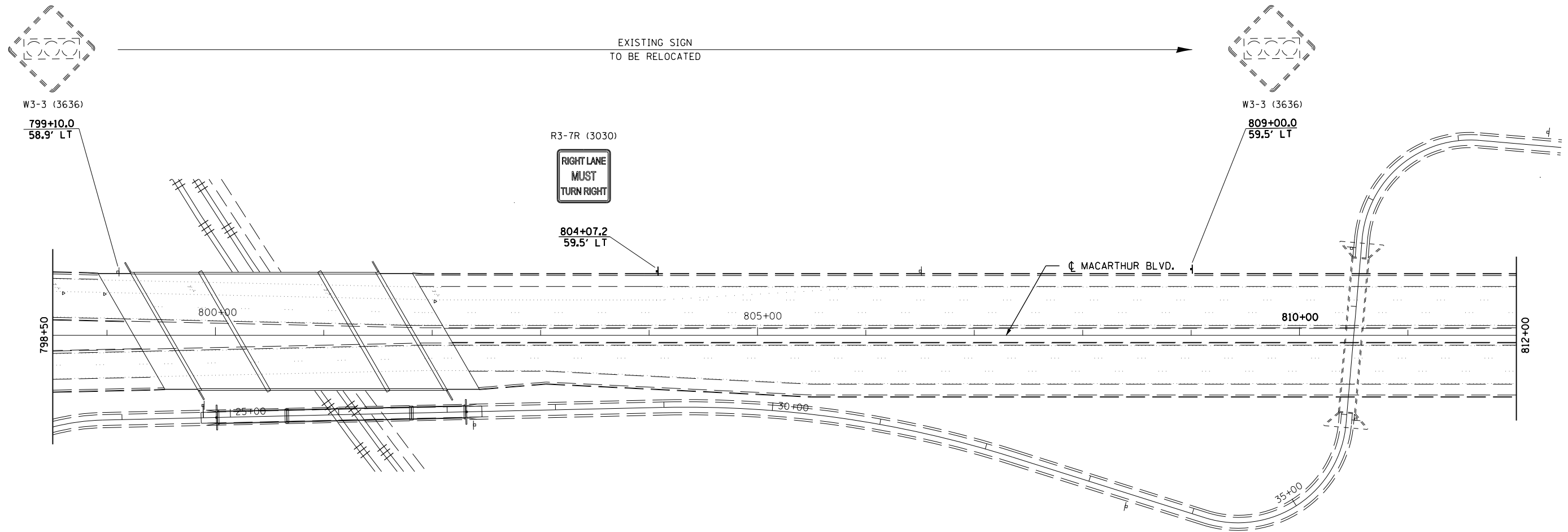
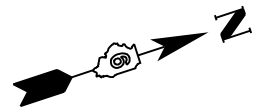
SCALE:      SHEET NO.      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**		34	32
CONTRACT NO. 72E15				
ILLINOIS FED. AID PROJECT				





# SIGN LOCATION #6



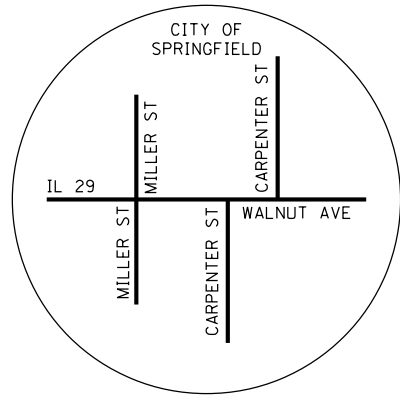
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

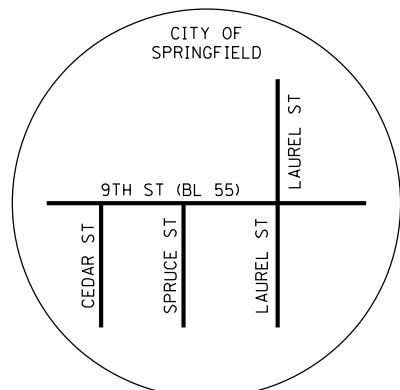
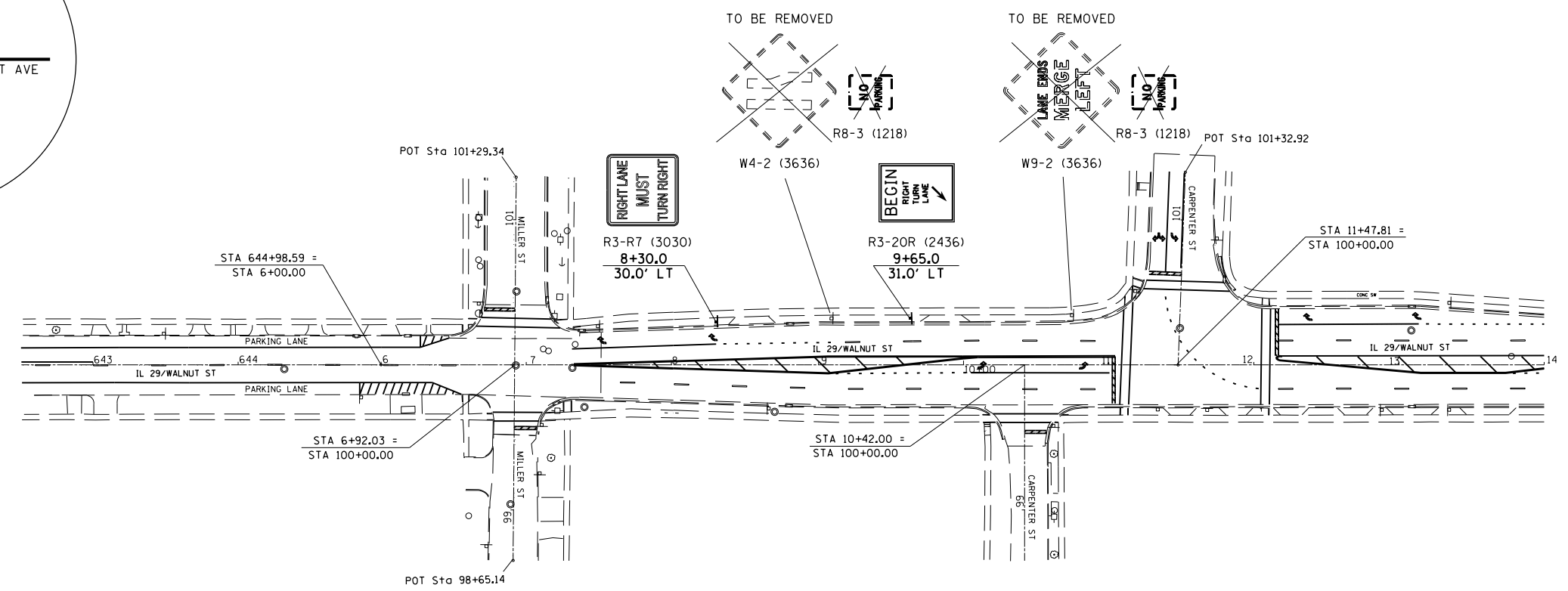
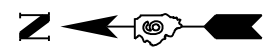
**D6 GUARDRAIL END REPL  
SIGN LOCATION & DETAIL SHEETS**

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

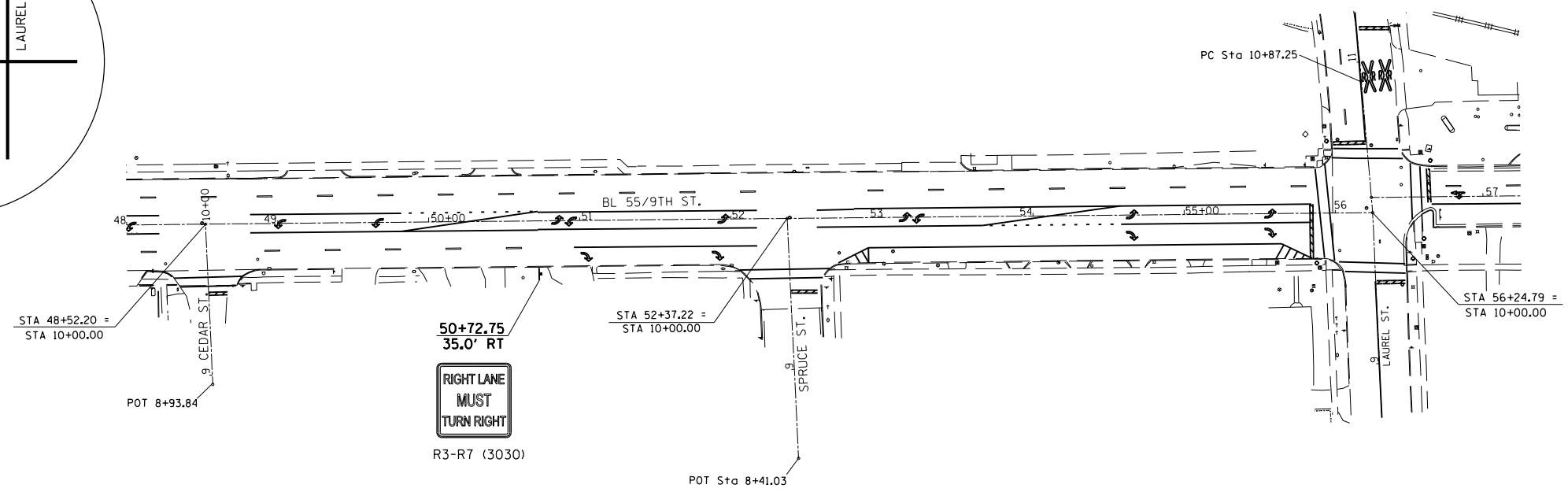
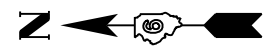
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	..	.	34	33
			CONTRACT NO. 72E15	
ILLINOIS FED. AID PROJECT				



# SIGN LOCATION #7



# SIGN LOCATION #8



FILE NAME =	USER NAME = laughlrr1	DESIGNED -	REVISED -
et:\pw\work\p\dot\laughlrr1\0247411\0672E15-sht-sign-location-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**D6 GUARDRAIL END REPL  
SIGN LOCATION & DETAIL SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	..	.	34	34
CONTRACT NO. 72E15				