

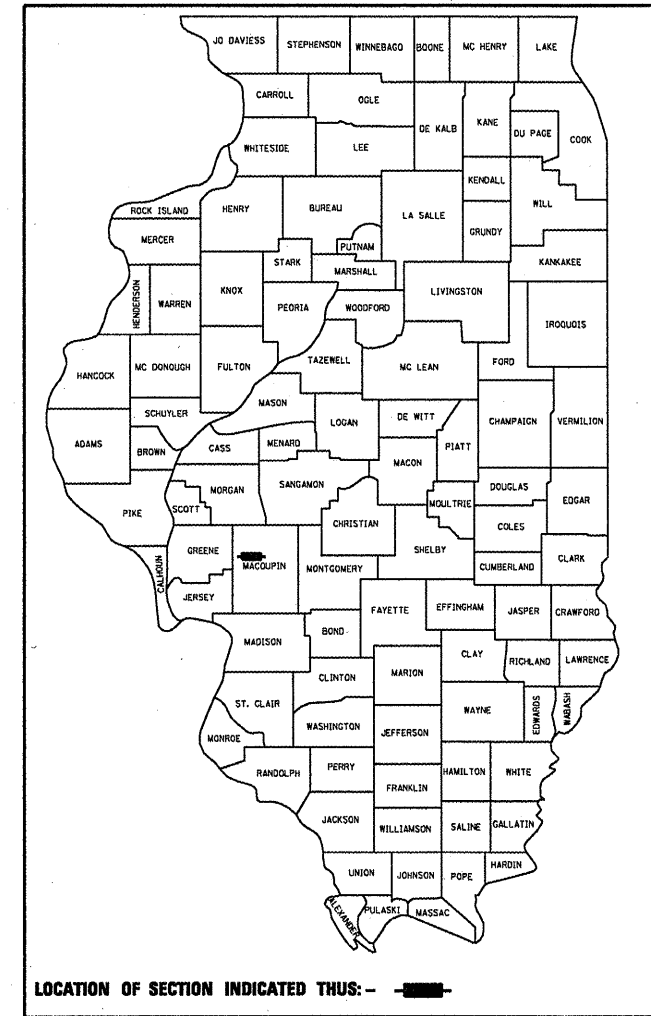
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	107RS-3, 108RS-1, 109RS-3	MACOUPIN	46	1
		ILLINOIS	CONTRACT NO. 72C36	

• FAP 765 & FAP 608

D-96-013-09



CLASSIFICATION: MINOR ARTERIAL (Non-Urban)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 17 20 10

Regan Z. Dinkell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 4 20 11

Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 20 11

Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 765 (IL 108) & FAP ROUTE 608 (IL 111)
SECTION 107RS-3, 108RS-1, 109RS-3
PROJECT HSIP-F-000S(839)
RESURFACING
MACOUPIN COUNTY

C-96-013-09

STATION EQUATIONS

ALONG IL 108 (SOUTH)
STA. 120+64.83 BK. = STA. 122+78.03 AH.
STA. 144+08.28 BK. = STA. 145+88.98 AH.
STA. 201+38.72 BK. = STA. 201+39.18 AH.
STA. 249+99.94 BK. = STA. 250+00.06 AH.
STA. 332+89.53 BK. = STA. 332+89.64 AH.
STA. 354+94.31 BK. = STA. 355+54.89 AH.
STA. 372+88.00 BK. = STA. 373+50.40 AH.
STA. 413+68.06 BK. = STA. 413+68.64 AH.

ALONG IL 111
STA. 942+91.74 BK. = STA. 943+00.00 AH.

IL 111 IMPROVEMENT
BEGINS STA. 885+32.00

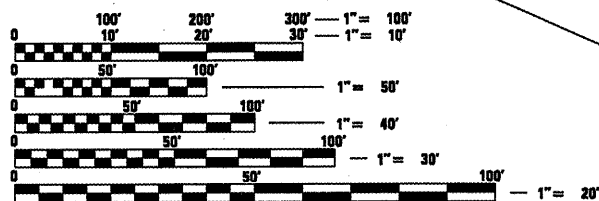
IL 108 (NORTH) IMPROVEMENT
BEGINS STA. 526+61.81

IL 108 (NORTH) IMPROVEMENT
ENDS STA. 532+30.00

BRIDGE OMISSION:
S.N. 059-0013
STA. 908+43.90 TO
STA. 909+30.09

IL 108 (SOUTH) IMPROVEMENT
ENDS STA. 479+78.80

IL 111 IMPROVEMENT
ENDS STA. 943+01.00

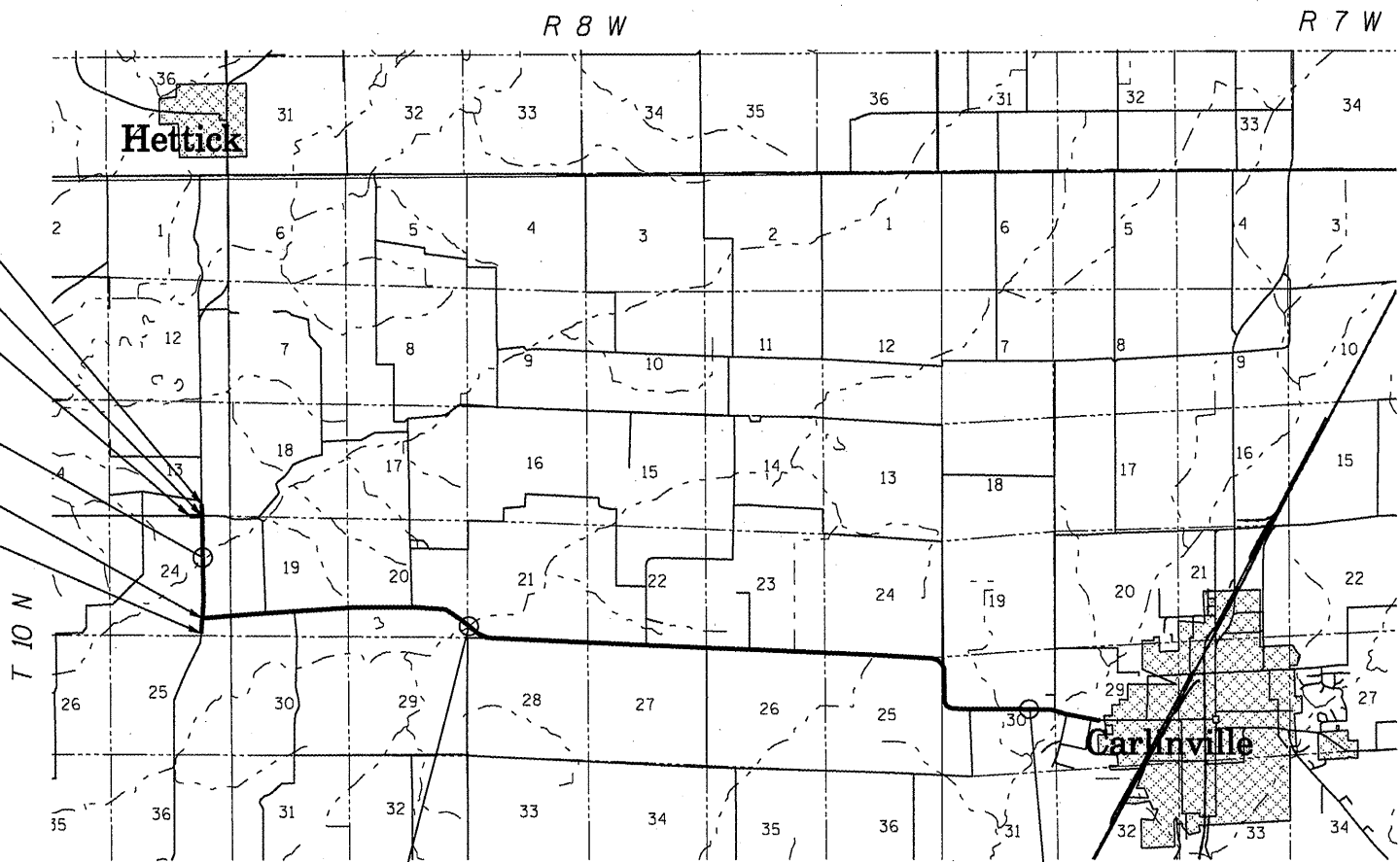


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER JEFF MEYERS 217-782-4761
PROJECT MANAGER KEN ANDERSON 217-524-7546

CONTRACT NO. 72C36



LOCATION MAP

IL 108 (SOUTH) GROSS LENGTH = 39,460.65 FT. = 7.474 MILES
NET LENGTH = 39,311.31 FT. = 7.445 MILES

IL 108 (NORTH) LENGTH = 568.19 FT. = 0.108 MILES

IL 111 GROSS LENGTH = 5,760.74 FT. = 1.091 MILES
NET LENGTH = 5,674.55 FT. = 1.075 MILES

PROJECT TOTAL GROSS LENGTH = 45,789.58 FT. = 8.673 MILES
NET LENGTH = 45,554.05 FT. = 8.628 MILES

IL 108 (SOUTH) IMPROVEMENT
BEGINS STA. 80+00.00

BRIDGE OMISSION:
S.N. 059-0021
STA. 357+70.83 TO
STA. 359+20.17

IL 108 ADT = 1868 (2009)
SU=6.8% MU=5.2%

IL 111 ADT = 1375 (2009)
SU=6.0% MU=4.0%

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD 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 WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES 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.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-785-5312)
9. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:
 BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD. (ON PAVEMENT)
 BITUMINOUS MATERIALS (PRIME COAT) 0.001425 TON/SQ. YD. (ON AGG.)
 AGGREGATE PRIME COAT 0.002 TON/SQ. YD.
 HOT-MIX ASPHALT SURFACE / BINDER 0.056 TON/SQ. YD. PER 1"
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
11. AN ESTIMATED QUANTITY OF 400 CU. YD. OF EMBANKMENT HAS BEEN INCLUDED FOR CONSTRUCTING SHOULDER WIDENING FOR TYPE 1 (SPECIAL GUARDRAIL TERMINALS AS DETAIL PER STANDARD 630301.
12. NO COMMITMENTS MADE.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-10 TYPICAL SECTIONS
- 11-20 SCHEDULES OF QUANTITIES
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- 22 SHOULDER & RUMBLE STRIP DETAILS
- 23 RUMBLE STRIP, CENTER LINE DETAILS
- 24-25 ENTRANCE AND SIDEROAD DETAILS DETAILS
- 26 SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY
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- 42-45 IL 111 PLAN SHEETS
- 46 RIPRAP DETAILS & SILICONE JOINT SEALER DETAILS

LIST OF STANDARDS

000001-06	701301-04
280001-05	701306-03
442201-03	701311-03
630001-09	701326-04
630301-05	701901-01
631031-09	780001-02
635006-03	781001-03
701001-02	
701006-03	
701201-04	

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	LEVEL BINDER (MACH METHOD)	HMA SURFACE COURSE	PATCHING	INCIDENTAL HMA SURFACE	HMA SHOULDERS
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N 50	4.0% @ N50	4.0% @ N 50	4.0% @ N 50	2.0% @ N 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5 OR IL 12.5	IL 19.0	IL 9.5 OR IL 12.5	BAM
FRICITION AGGREGATE:	N/A	MIX "C"	N/A	MIX "C"	N/A
20 YEAR ESAL	N/A	N/A	N/A	N/A	N/A

DISTRICT SIX	
EXAMINED <u>DECEMBER 15</u> 20 <u>10</u>	<i>Rick Wall</i>
OPERATIONS ENGINEER	
EXAMINED <u>DEC 16</u> 20 <u>10</u>	<i>Jimmy Z...</i>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>December 15</u> 20 <u>10</u>	<i>ARML</i>
PROGRAM DEVELOPMENT ENGINEER	

* FAP 765 & FAP 608
 ** 107RS-3, 108RS-1, 109RS-3

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES

CODED PAY ITEM	DESCRIPTION	UNITS	TOTAL QUANTITY	IL 108	IL 111	SAFETY
				ROADWAY 80% FEDERAL 20% STATE 0005	ROADWAY 80% FEDERAL 20% STATE 0005	90% FEDERAL 10% STATE 0021
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	62			62
20400800	FURNISHED EXCAVATION	CU YD	450	255	195	
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	80		80	
28200200	FILTER FABRIC	SQ YD	80		80	
35800100	PREPARATION OF BASE	SQ YD	1,547	1,283.25	263.75	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	60	44.25	15.75	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	54	46.45	6.75	0.8
40600300	AGGREGATE (PRIME COAT)	TON	263	229	34	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	5573	4814	759	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,628	1,795	833	
40600990	TEMPORARY RAMP	SQ YD	665	426	239	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	11,329	9636.50	1,518	174.5
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	746	671.5	74.5	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	9,095	4,220	4,875	
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SQ YD	100	55	45	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	1,105	654	451	
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	302	164	138	
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	292	123	169	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4,808	3,939.50	513	355.5
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	2,078			2,078
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	2,562.50	1,575	987.5	
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	400	25	87.5	287.5
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	18	8	8	2
63200310	GUARDRAIL REMOVAL	FOOT	3,766	2,081	1,516	169
64200105	SHOULDER RUMBLE STRIPS	FOOT	6,035			6,035
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	4	2	
67100100	MOBILIZATION	L SUM	1	0.75	0.25	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.75	0.25	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.75	0.25	

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES

CODED PAY ITEM	DESCRIPTION	UNITS	TOTAL QUANTITY	IL 108	IL 111	SAFETY
				ROADWAY 80% FEDERAL 20% STATE 0005	ROADWAY 80% FEDERAL 20% STATE 0005	90% FEDERAL 10% STATE 0021
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.25	0.25	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5			5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,730	11,986	1,744	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	121,857	108,692	13,165	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	80	80		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	60	60		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,510	1,318	192	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	121,857	108,692	13,165	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	80	80		
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	60	60		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	584	514	70	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	55	28	23	4
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	18	8	8	2
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	584	514	70	
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	2,986			2,986
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	122,675	109,956	12,719	
Z0021922	SILICONE JOINT SEALER	FOOT	40		40	

* SPECIALTY ITEM

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
ei:\pwork\puidot\laughlinr1\021544B\06	ZC36-shr-soq.dgn	DRAWN -	REVISED -
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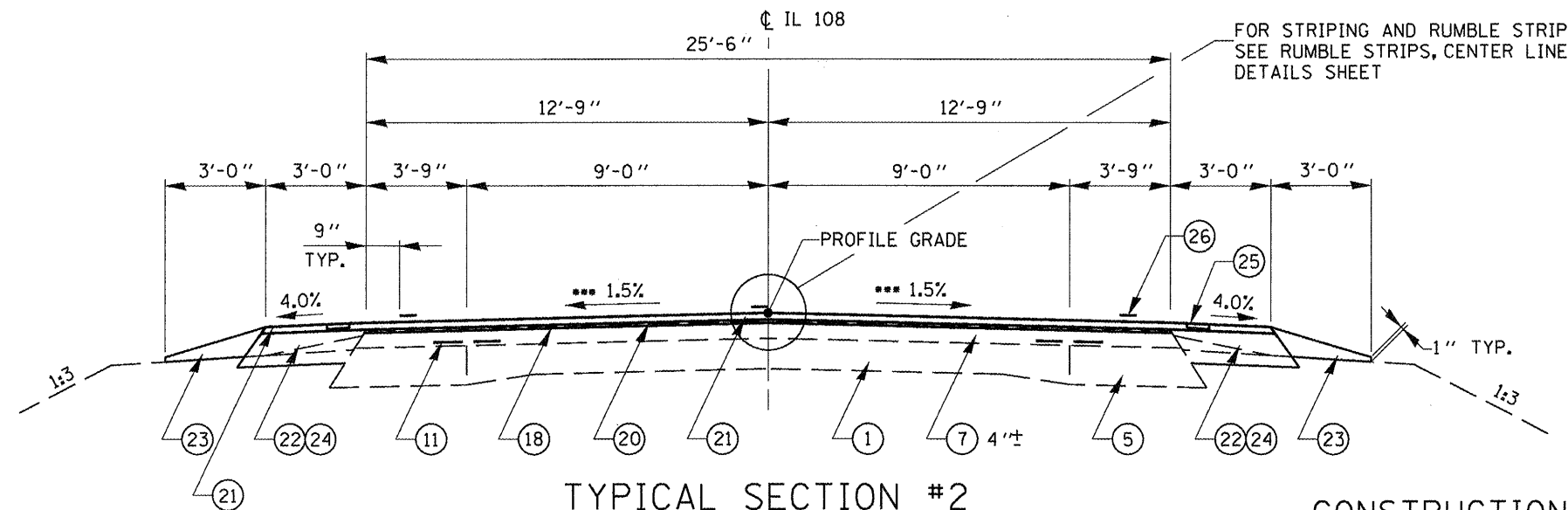
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MACOUPIN	46	3
CONTRACT NO. 72C36			ILLINOIS FED. AID PROJECT	

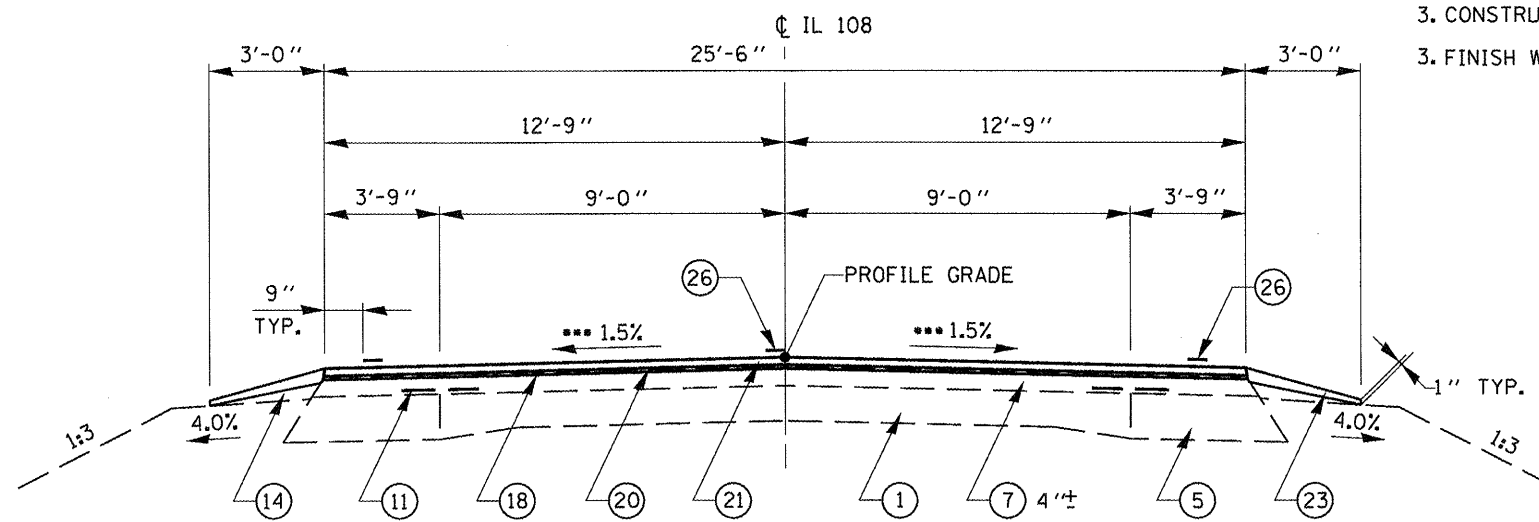
* FAP 765 & FAP 608
** 107RS-3, 108RS-1, 109RS-3



TYPICAL SECTION #2
 STA. 111+80.00 TO P.T. STA. 120+64.83
 STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.
 STA. 122+78.03 TO P.T. STA. 144+08.28
 STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.
 STA. 145+88.98 TO STA. 146+90.00

**CONSTRUCTION SEQUENCE
 FOR HMA SHOULDERS 6 1/2"**

1. MILL EXISTING PAVEMENT.
2. PLACE LEVELING BINDER ON MILLED PAVEMENT TO REDUCE MILLED SURFACE EXPOSURE.
3. CONSTRUCT 6 1/2" HMA SHOULDERS
3. FINISH WITH HMA SURFACE COURSE (1 1/2")



TYPICAL SECTION #1
 STA. 80+00.00 TO P.T. STA. 111+80.00
 STA. 146+90.00 TO P.T. STA. 201+38.72
 STATION EQUATION STA. 201+38.72 BK. = STA. 201+39.18 AH.
 STA. 201+39.18 TO P.T. STA. 249+99.94
 STATION EQUATION STA. 249+99.94 BK. = STA. 250+00.06 AH.
 STA. 250+00.06 TO P.T. STA. 332+89.53
 STATION EQUATION STA. 332+89.53 BK. = STA. 332+89.64 AH.
 STA. 332+89.64 TO STA. 350+00.00
 LT STA. 375+35.00 TO P.T. LT STA. 413+68.06
 RT STA. 375+32.50 TO P.T. RT STA. 413+68.06
 STATION EQUATION STA. 413+68.06 BK. = STA. 413+68.64 AH.
 STA. 413+68.64 TO STA. 472+50.00

***** NOTE :**
 FOR LIMITS OF SUPERELEVATION
 SEE SUPERELEVATION TRANSITION
 DETAIL FOR TWO LANE HIGHWAY
 SHEET.

LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
- ⑯ EXIST. PCC GUTTER
- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"

NOTE:

1. MILL 1/2" MIN. AT ϕ AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS S.E. IF OVER 4%

FILE NAME =	USER NAME = laughlin-1	DESIGNED - RSC	REVISED -
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PLOT DATE = Dec-17-2010 01:57:21PM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

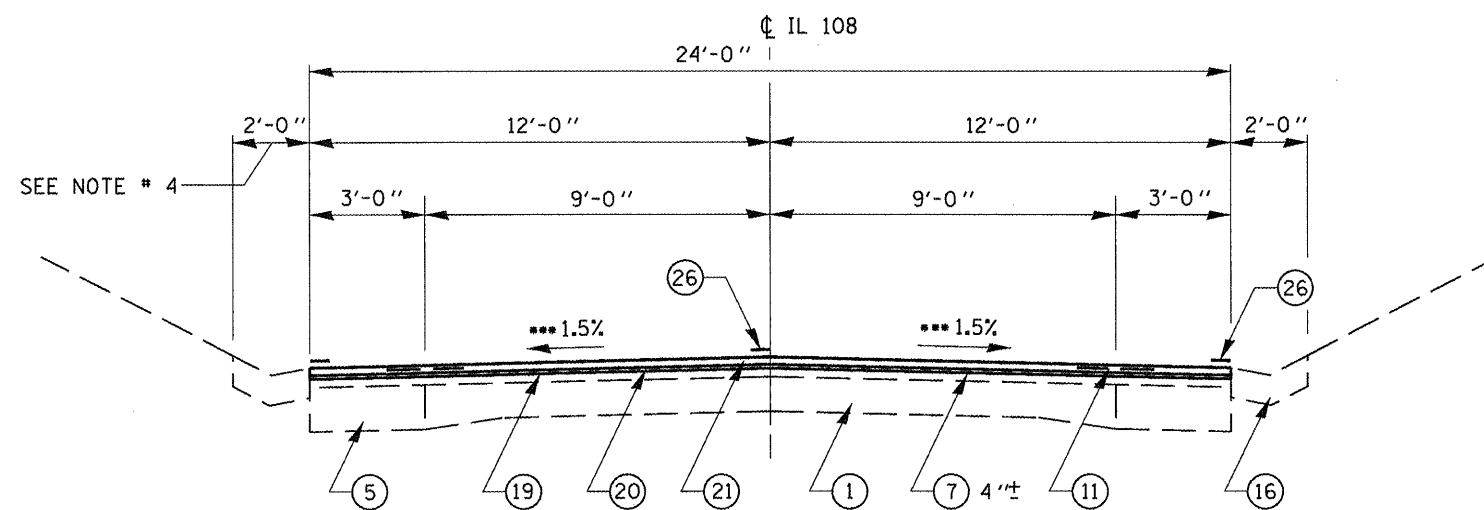
TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NTS	SHEET NO. OF SHEETS	STA.	TO STA.	MACOUPIN	46	4

FAP 765 & FAP 608
 107RS-3, 108RS-1, 109RS-3

CONTRACT NO. 72C36		ILLINOIS FED. AID PROJECT	
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LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
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- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"



TYPICAL SECTION #3

RT. STA. 350+00.00 TO RT. P.T. STA. 354+94.31
 STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.
 LT. STA. 366+84.00 TO LT. P.T. STA. 372+88.00
 RT. STA. 367+95.00 TO RT. P.T. STA. 372+88.00
 STATION EQUATION STA. 372+88.00 BK. = STA. 373+50.40 AH.
 LT. STA. 373+50.40 TO LT. STA. 375+35.00
 RT. STA. 373+50.40 TO RT. STA. 375+32.50

*** NOTE :

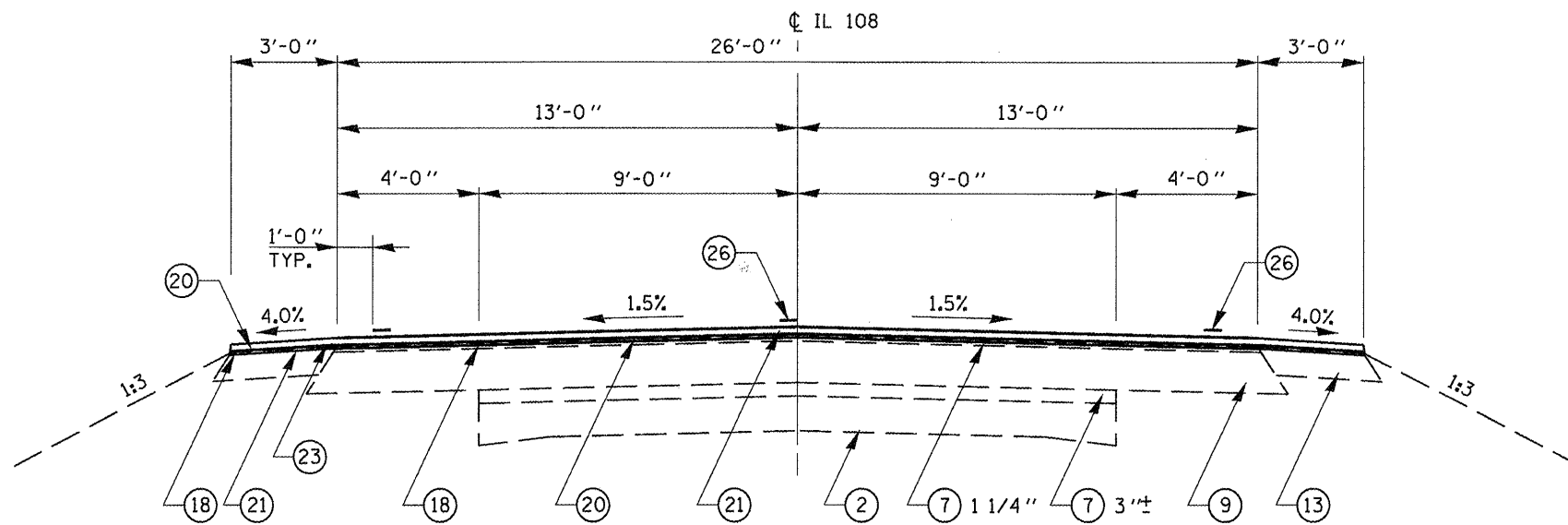
FOR LIMITS OF SUPERELEVATION
 SEE SUPERELEVATION TRANSITION
 DETAIL FOR TWO LANE HIGHWAY
 SHEET

NOTES:

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS S.E. IF OVER 4%
4. NO EXIST. GUTTER FROM LT STA. 350+00 TO LT STA. 354+93.31
9. AREAS WITH HMA SURFACE REMOVAL 2 1/4" MAY REQUIRE TO BE MILLED VARIABLE DEPTH DEPENDING ON EXISTING SLOPES AND RUTTING.

• FAP 765 & FAP 608
 • 107RS-3, 108RS-1, 109RS-3

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwork\pwork\laughlinr1\d0215448\06	ZC36-shr-typic01.dgn	DRAWN - JWC	REVISED -			•	••	MACOUPIN	46	5
	PLOT SCALE = 48.0000' / in.	CHECKED - RSC	REVISED -							
	PLOT DATE = Dec-17-2010 01:57:21PM	DATE -	REVISED -							
						SCALE: NTS	SHEET NO. OF	SHEETS	STA.	TO STA.
						ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 72C36				



TYPICAL SECTION #5

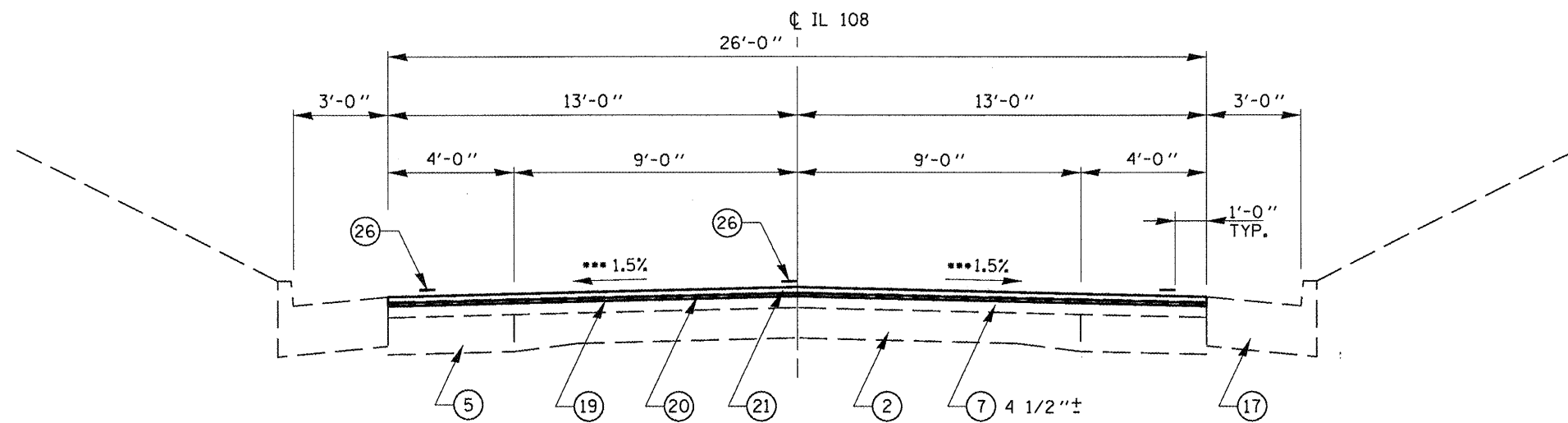
STA. 359+20.17 TO STA. 360+00.00

***** NOTE :**

FOR LIMITS OF SUPERELEVATION
SEE SUPERELEVATION TRANSITION
DETAIL FOR TWO LANE HIGHWAY
SHEET

LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
- ⑯ EXIST. PCC GUTTER
- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"



TYPICAL SECTION #4

STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.
STA. 355+54.89 TO STA. 357+70.83
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17

NOTES :

1. MILL 1/2" MIN. AT ϕ AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS S.E. IF OVER 4%
9. AREAS WITH HMA SURFACE REMOVAL 2 1/4" MAY REQUIRE TO BE MILLED VARIABLE DEPTH DEPENDING ON EXISTING SLOPES AND RUTTING.

• FAP 765 & FAP 608
• 107RS-3, 108RS-1, 109RS-3

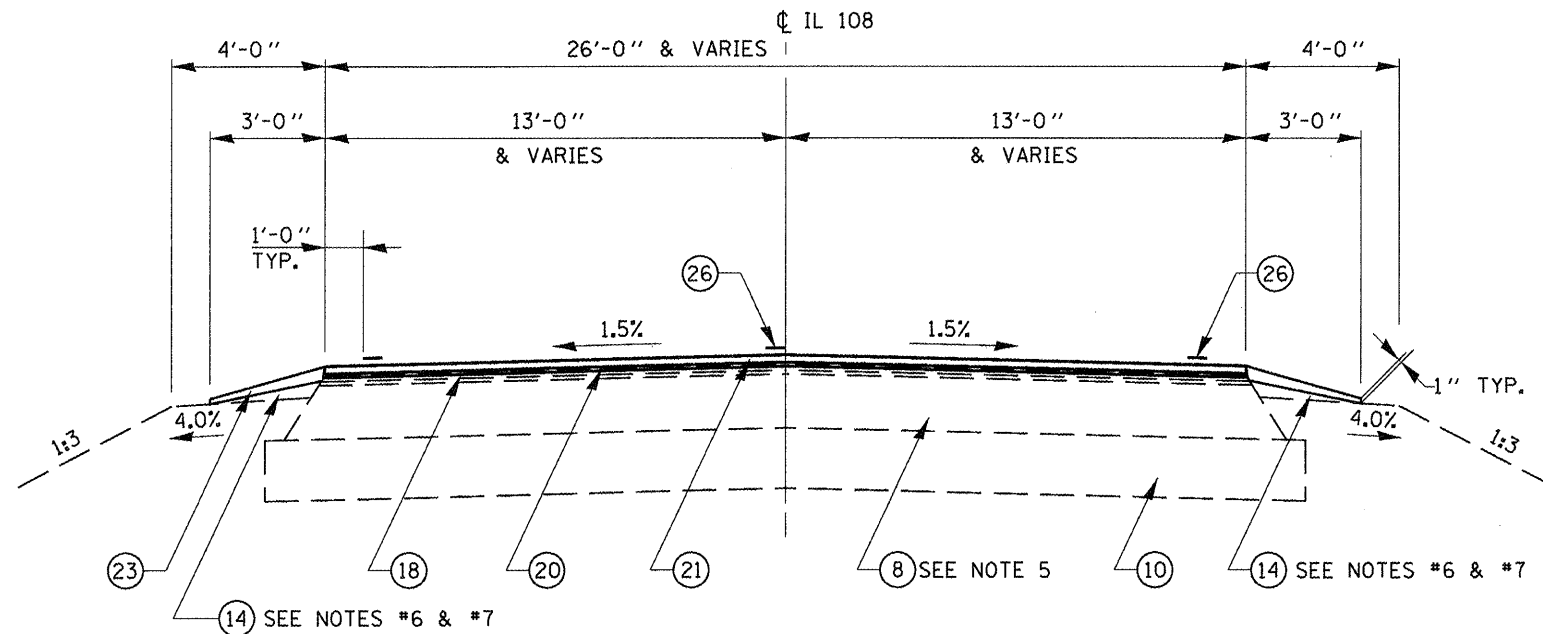
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	6
			CONTRACT NO. 72C36	
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #7

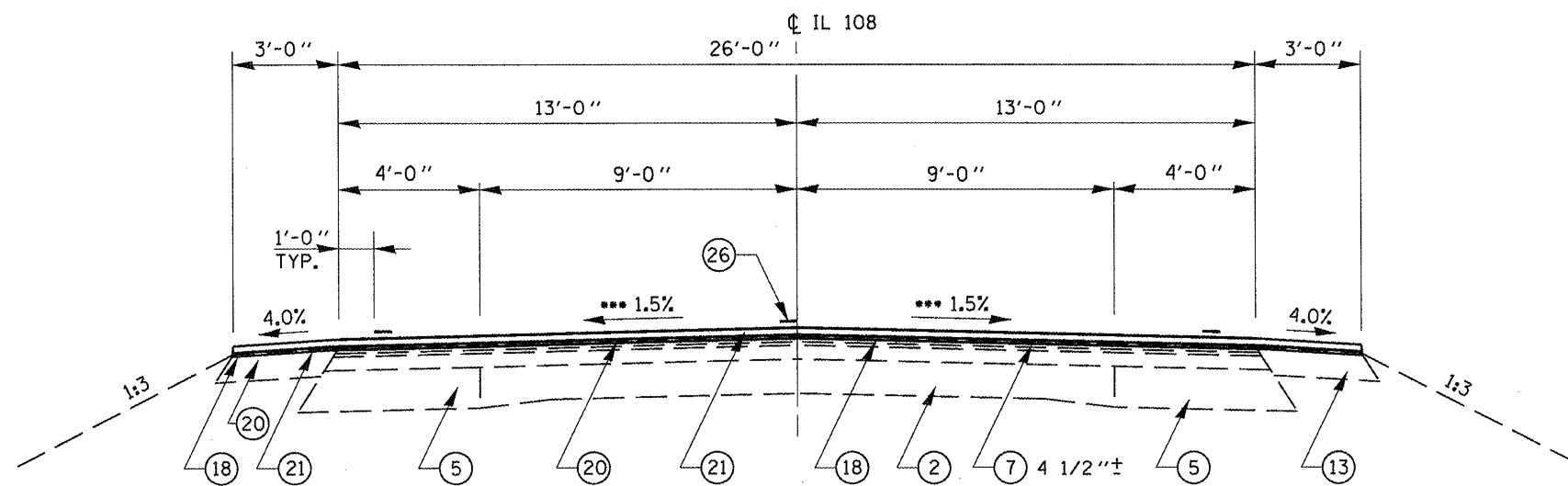
STA. 473+10.00 TO STA. 479+78.80 IL 108 (SOUTH)
 STA. 526+61.81 TO STA. 532+00.00 IL 108 (NORTH)

*** NOTE :

FOR LIMITS OF SUPERELEVATION
 SEE SUPERELEVATION TRANSITION
 DETAIL FOR TWO LANE HIGHWAY
 SHEET

LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
- ⑯ EXIST. PCC GUTTER
- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"



TYPICAL SECTION #6

LT. STA. 360+00.00 TO LT. STA. 366+84.00
 RT. STA. 360+00.00 TO RT. STA. 367+95.00

NOTES

1. MILL 1/2" MIN. AT ϕ AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS S.E. IF OVER 4%
5. EXIST. HMA PAVEMENT (FULL-DEPTH)
 HMA SURFACE COURSE, MIX. C, CLASS I, TYPE 2, 2" (AC-10) (TOP LIFT)
 LEVELING BINDER (MACHINE METHOD) TYPE 2, 3/4" TOP BINDER LIFT
 HMA BINDER COURSE, MIX. B, TYPE 2, LOWER LIFT
 IL 108 (NORTH) 10 1/4"
 IL 108 (SOUTH) 10 3/4"
6. LIMITS OF HMA SHOULDER:
 IL 108 (SOUTH) AT LT. STA. 478+61.82 TO IL 111 LT. STA. 938+61.55
 IL 108 (SOUTH) AT RT. STA. 479+10.33 TO IL 111 LT. STA. 936+38.83
7. LIMITS OF HMA SHOULDER:
 IL 108 (NORTH) AT LT. STA. 527+83.10 TO IL 111 RT. STA. 890+43.03
 IL 108 (NORTH) AT RT. STA. 527+38.40 TO IL 111 RT. STA. 892+67.29

• FAP 765 & FAP 608
 •• 107RS-3, 108RS-1, 109RS-3

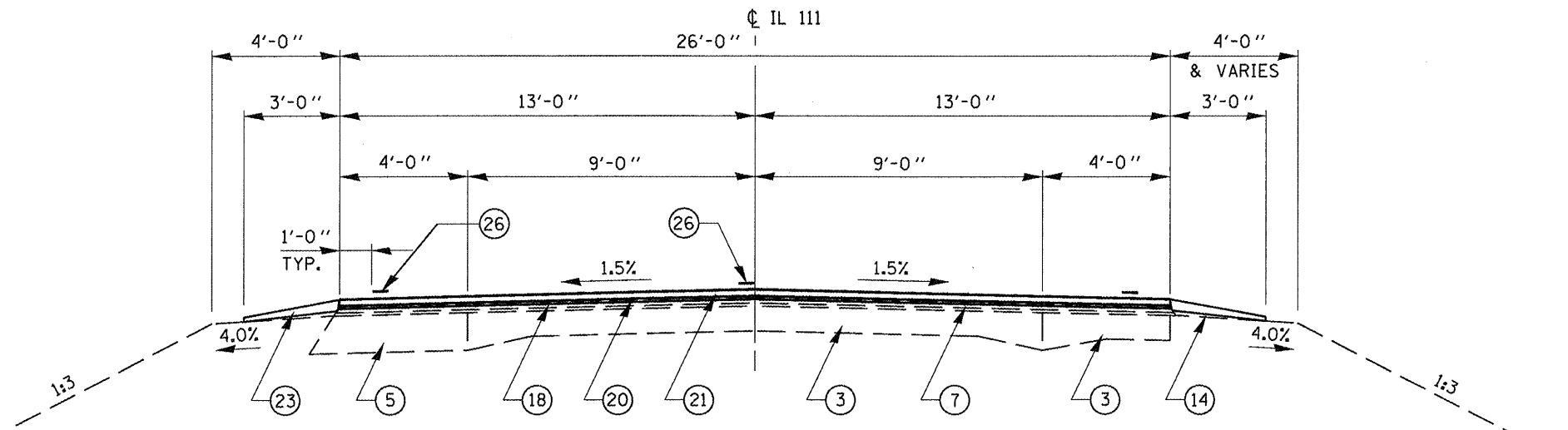
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PLOT SCALE = 48.0000' / in.		CHECKED - RSC	REVISED -
PLOT DATE = Dec-17-2010 01:57:22PM		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

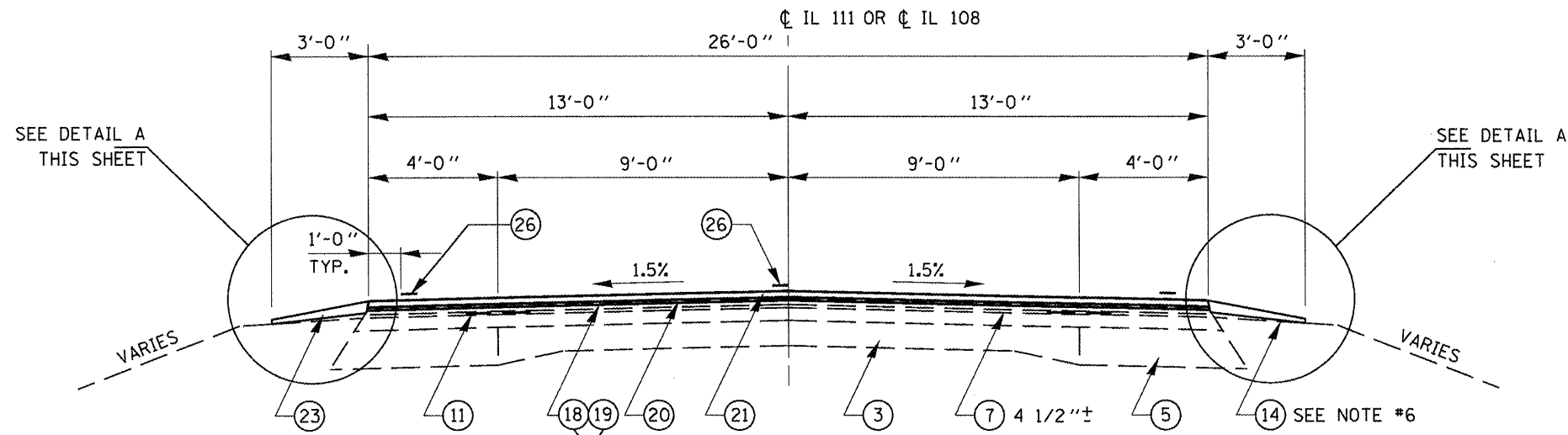
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	7
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



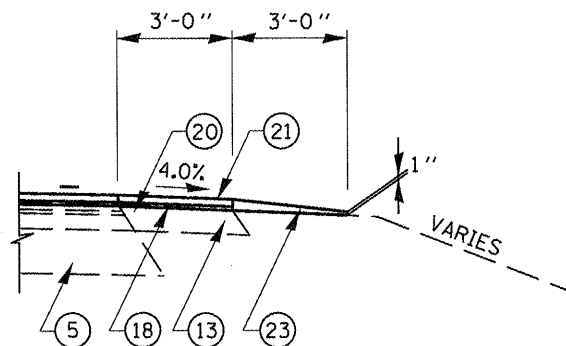
TYPICAL SECTION #9

STA. 886+07.00 TO STA. 887+85.00
 STA. 894+72.20 TO STA. 896+17.00



TYPICAL SECTION #8

STA. 885+32.00 TO STA. 886+07.00
 STA. 887+85.00 TO STA. 894+72.20
 LT. STA. 896+17.00 TO LT. STA. 902+60.50
 RT. STA. 896+17.00 TO RT. STA. 901+92.00
 LT. STA. 907+00.00 TO LT. STA. 908+43.90
 RT. STA. 907+02.00 TO RT. STA. 908+43.90
 BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09
 LT. STA. 909+30.09 TO LT. STA. 913+90.00
 RT. STA. 909+30.09 TO RT. STA. 913+74.00
 LT. STA. 922+57.00 TO LT. STA. 933+00.00
 RT. STA. 921+92.00 TO RT. STA. 933+00.00
 STA. 472+50.00 TO STA. 473+10.00 (IL 108) (SOUTH)
 STA. 532+00.00 TO STA. 532+30.00 (IL 108) (NORTH)



DETAIL A

LT STA. 907+00.00 TO LT STA. 908+43.90
 RT STA. 907+02.00 TO RT STA. 908+43.90
 BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09
 LT STA 909+30.90 TO LT STA 913+90.00
 RT STA 909+30.90 TO RT STA 913+74.00

LEGEND

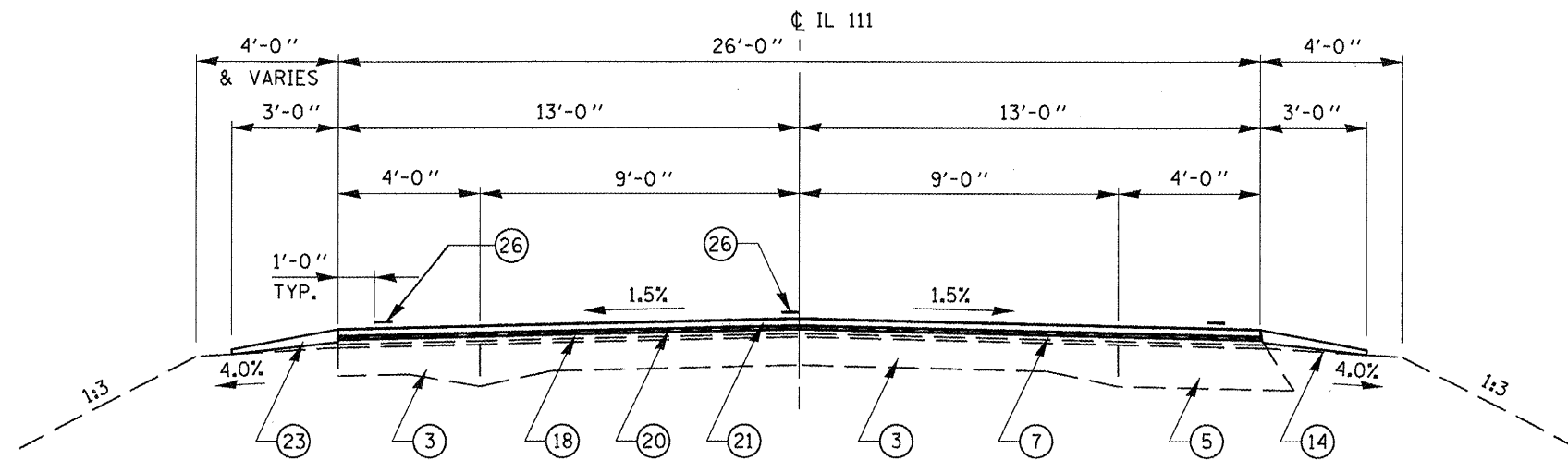
- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
- ⑯ EXIST. PCC GUTTER
- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"

NOTES

- 1. MILL 1/2" MIN. AT \odot AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
- 6. LIMITS OF HMA SHOULDER:
 - IL 108 (NORTH) AT LT. STA. 527+83.10 TO IL 111 RT. STA. 890+43.03
 - IL 108 (NORTH) AT RT. STA. 527+38.40 TO IL 111 RT. STA. 892+67.29
- 8. LIMITS OF HMA SURFACE REMOVAL 2 1/4"
 - LT STA. 907+00 TO LT STA. 908+43.90
 - RT STA. 907+02 TO RT STA. 908+43.90
- 9. AREAS WITH HMA SURFACE REMOVAL 2 1/4" MAY REQUIRE TO BE MILLED VARIABLE DEPTH DEPENDING ON EXISTING SLOPES AND RUTTING.

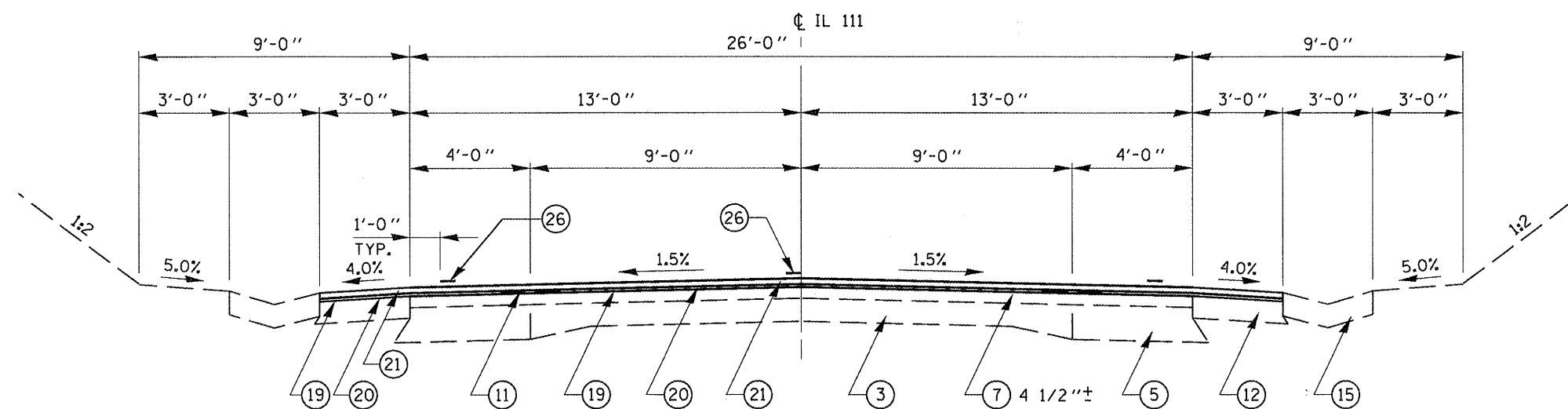
• FAP 765 & FAP 608
 •• IOTRS-3, IOBRS-1, IOGRS-3

FILE NAME =	USER NAME = laughlinc1	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 48,0000' / in.	CHECKED - RSC	REVISED -										
	PLOT DATE = Dec-17-2010 01:57:22PM	DATE -	REVISED -										
CONTRACT NO. 72C36											ILLINOIS FED. AID PROJECT		



TYPICAL SECTION #11

STA. 933+00.00 TO STA. 934+06.00
 STA. 942+22.00 TO STA. 942+91.74
 STATION EQUATION STA. 942+91.74 BK. = STA. 943+00.00 AH.
 STA. 943+00.00 TO STA. 943+01.00



TYPICAL SECTION #10

LT. STA. 902+60.50 TO LT. STA. 907+00.00
 RT. STA. 901+92.00 TO RT. STA. 907+02.00
 LT. STA. 913+90.00 TO LT. STA. 922+57.00
 RT. STA. 913+74.00 TO RT. STA. 921+92.00

LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
- ⑯ EXIST. PCC GUTTER
- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"

NOTES

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
9. AREAS WITH HMA SURFACE REMOVAL 2 1/4" MAY REQUIRE TO BE MILLED VARIABLE DEPTH DEPENDING ON EXISTING SLOPES AND RUTTING.

FAP 765 & FAP 608
 107RS-3, 108RS-1, 109RS-3

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

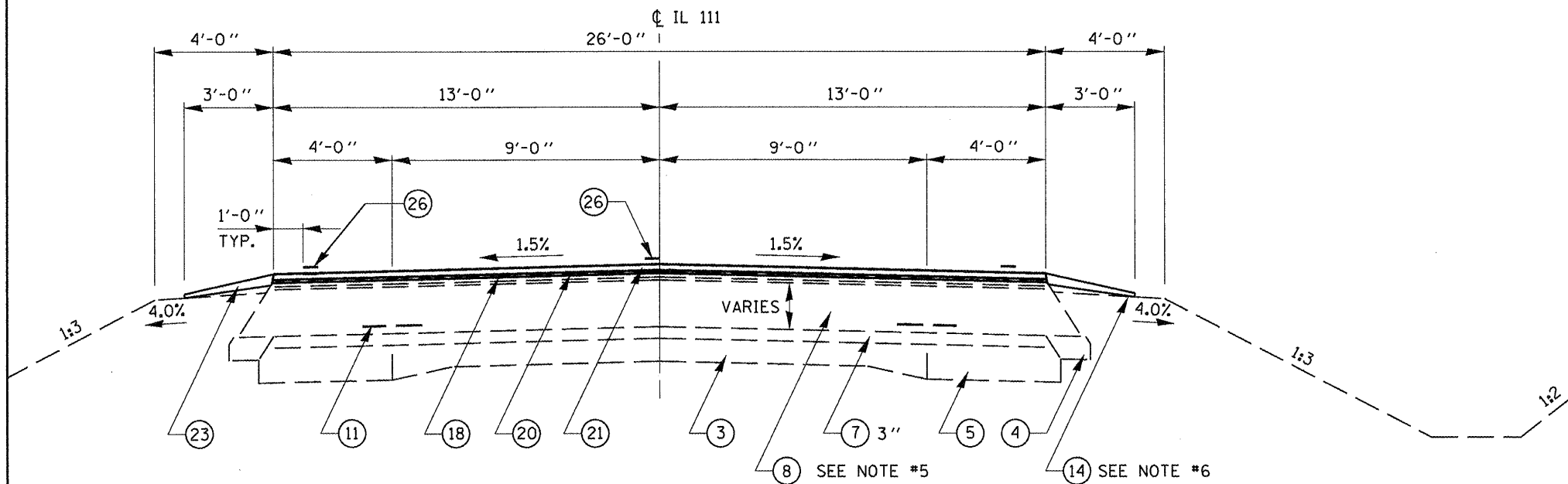
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	9
CONTRACT NO. 72C36				
[ILLINOIS] FED. AID PROJECT				

LEGEND

- ① EXIST. 9-7-9 PCC PAVEMENT
- ② EXIST. 9-7 1/2-9 PCC PAVEMENT
- ③ EXIST. 9-6-9 PCC PAVEMENT
- ④ EXIST. HMA BASE COURSE WIDENING 6"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA BASE COURSE WIDENING 10"
- ⑦ EXIST. HMA OVERLAY
- ⑧ EXIST. HMA PAVEMENT (FULL-DEPTH)
- ⑨ EXIST. LEVELING BINDER (MACHINE METHOD)
- ⑩ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A (12")
- ⑪ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑫ EXIST. HMA SHOULDER 8"
- ⑬ EXIST. HMA SHOULDER 6"
- ⑭ EXIST. AGGREGATE SHOULDER
- ⑮ EXIST. CONCRETE GUTTER, TYPE A
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- ⑰ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE B SPECIAL
- ⑱ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑲ PROP. HMA SURFACE REMOVAL 2 1/4"
- ⑳ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ㉑ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ㉒ PROP. HMA SHOULDERS 6 1/2"
- ㉓ PROP. AGGREGATE SHOULDER, TYPE B
- ㉔ PROP. EXCAVATING AND GRADING SHOULDERS
- ㉕ PROP. RUMBLE STRIP
- ㉖ PROP. PAINT PAVEMENT MARKING 5"



TYPICAL SECTION #12

STA. 934+06.00 TO STA. 942+22.00

NOTES

1. MILL 1/2" MIN. AT ϕ AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
5. EXIST. HMA PAVEMENT (FULL-DEPTH)
HMA SURFACE COURSE, MIX. C, CLASS 1, TYPE 2, 2" (AC-10) (TOP LIFT)
LEVELING BINDER (MACHINE METHOD) TYPE 2, 3/4" TOP BINDER LIFT
HMA BINDER COURSE, MIX. B, TYPE 2, LOWER LIFT
• IL 108 (NORTH) 10 1/4"
• IL 108 (SOUTH) 10 3/4"
6. LIMITS OF HMA SHOULDER:
IL 108 (SOUTH) AT LT. STA. 478+61.82 TO IL 111 LT. STA. 938+61.55
IL 108 (SOUTH) AT RT. STA. 479+10.33 TO IL 111 LT. STA. 936+38.83

FILE NAME =	USER NAME = leRSC	DESIGNED - RSC	REVISED -
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	PLOT DATE = Dec-17-2010 01:57:23PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	10
CONTRACT NO. 72C36			ILLINOIS FED. AID PROJECT	

• FAP 765 & FAP 608
•• 107RS-3, 108RS-1, 109RS-3

PAVEMENT SCHEDULE											
LOCATION		LENGTH	WIDTH	HOT-MIX ASPHALT SURF REM BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF REM (VAR DEPTH) (SQ YD)	HOT-MIX ASPHALT SURF RE 2 1/4" (SQ YD)	LEVEL BINDER (MM) IL 9.5FG N50 (3/4") (TON)	HMA SURFACE COURSE MIX "C" N50 (1 1/2") (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)	
STATION	TO STATION	(FT)	(FT)								
FAP 765 (IL 108 SOUTH)											
STA. 79+65.00	TO STA. 120+64.83	4,099.83	VAR 25.50 - 25.50	99.17	11,517.02	-	483.71	975.76	4.41	23.23	
STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.											
STA. 122+78.03	TO STA. 144+08.28	2,130.25	VAR 25.50 - 25.50	-	6,035.71	-	253.50	507.00	2.29	12.07	
STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.											
STA. 145+88.98	TO STA. 201+38.72	5,549.74	VAR 25.50 - 25.50	-	15,724.26	-	660.42	1,320.84	5.98	31.45	
STATION EQUATION STA. 201+38.72 BK. = STA. 201+39.18 AH.											
STA. 201+39.18	TO STA. 249+99.94	4,860.76	VAR 25.50 - 25.50	-	13,772.15	-	578.43	1,156.86	5.23	27.54	
STATION EQUATION STA. 249+99.94 BK. = STA. 250+00.06 AH.											
STA. 250+00.06	TO STA. 332+89.53	8,289.47	VAR 25.50 - 25.50	-	23,486.83	-	986.45	1,972.89	8.92	46.97	
STATION EQUATION STA. 332+89.53 BK. = STA. 332+89.64 AH.											
STA. 332+89.64	TO STA. 350+15.00	1,725.36	VAR 25.50 - 25.50	-	4,888.52	-	205.32	410.64	1.86	9.78	
STA. 350+15.00	TO STA. 354+94.31	479.31	VAR 24.00 - 24.00	-	-	1,278.16	53.68	107.37	0.49	2.56	
STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.											
STA. 355+54.89	TO STA. 357+70.83	215.94	VAR 26.00 - 26.00	-	-	623.83	26.20	52.40	0.24	1.25	
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17											
STA. 359+20.17	TO STA. 366+55.00	734.83	VAR 26.00 - 26.00	101.11	2021.73	97.22	93.24	186.49	0.84	4.44	
STA. 366+55.00	TO STA. 372+88.00	633.00	VAR 24.00 - 24.00	-	-	1,688.00	70.90	141.79	0.64	3.38	
STATION EQUATION STA. 372+88.00 BK. = STA. 373+50.40 AH.											
STA. 373+50.40	TO STA. 375+50.00	199.60	VAR 24.00 - 24.00	-	-	532.27	22.36	44.71	0.20	1.06	
STA. 375+50.00	TO STA. 413+68.06	3,818.06	VAR 25.50 - 25.50	-	10,817.84	-	454.35	908.70	4.11	21.64	
STATION EQUATION STA. 413+68.06 BK. = STA. 413+68.64 AH.											
STA. 413+68.64	TO STA. 472+50.00	5,881.36	VAR 25.50 - 25.50	-	16,663.85	-	699.88	1,399.76	6.33	33.33	
STA. 472+50.00	TO STA. 473+10.00	60.00	VAR 26.00 - 26.00	-	173.33	-	7.28	14.56	0.07	0.35	
STA. 473+10.00	TO STA. 479+78.80	668.80	VAR 26.00 - 26.00	-	2,243.53	-	94.23	188.46	0.85	4.49	
FAP 765 (IL 108 NORTH)											
STA. 526+61.81	TO STA. 532+30.00	568.19	VAR 26.00 - 26.00	-	1,993.04	-	83.71	167.42	0.76	3.99	
STA. 532+30.00	TO STA. 533+00.00	70.00	VAR 26.00 - 26.00	202.22	-	-	8.49	16.99	0.08	0.40	
FAP 608 (IL 111)											
Sta 884+62.00 LT	TO STA. 902+60.50 LT.	1,798.50	VAR 26.00 - 26.00	101.11	2,496.72	-	109.11	218.22	0.99	5.20	
Sta 884+62.00 RT	TO STA. 901+92.00 RT.	1,730.00	VAR 26.00 - 26.00	101.11	2,397.78	-	104.95	209.91	0.95	5.00	
STA. 902+60.50 LT.	TO STA. 908+43.90 LT.	583.40	VAR 26.00 - 26.00	-	-	842.69	35.39	70.79	0.32	1.69	
STA. 901+92.00 RT.	TO STA. 908+43.90 RT.	651.90	VAR 26.00 - 26.00	-	-	941.63	39.55	79.10	0.36	1.88	
BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09											
Sta 909+30.09 LT	TO STA. 913+90.00 LT.	459.91	VAR 26.00 - 26.00	101.11	563.20	-	27.90	55.80	0.25	1.33	
Sta 909+30.09 RT	TO STA. 913+74.00 RT.	443.91	VAR 26.00 - 26.00	101.11	540.09	-	26.93	53.86	0.24	1.28	
STA. 913+90.00 LT.	TO STA. 922+57.00 LT.	867.00	VAR 26.00 - 26.00	-	-	1252.33	52.60	105.20	0.48	2.50	
STA. 913+74.00 RT.	TO STA. 921+92.00 RT.	818.00	VAR 26.00 - 26.00	-	-	1181.56	49.63	99.25	0.45	2.36	
STA. 922+57.00 LT.	TO Sta 942+91.74 LT	2,034.74	VAR 26.00 - 26.00	-	2,939.07	-	123.44	246.88	1.12	5.88	
STA. 921+92.00 RT.	TO Sta 942+91.74 RT	2,099.74	VAR 26.00 - 26.00	-	3,032.96	-	127.38	254.77	1.15	6.07	
STATION EQUATION STA. 942+91.74 BK. = STA. 943+00.00 AH.											
STA. 943+00.00	STA. 943+71.00	71.00	VAR 26.00 - 26.00	202.22	2.89	-	8.61	17.23	0.08	0.41	
TOTALS				1,009.00	121,310.50	8,438.00	5,488.00	10,984.00	50.00	261.50	

* FAP 765 & FAP 608
 ** 107RS-3,108RS-1,109RS-3

FILE NAME =	USER NAME = laughlinr1	DESIGNED - JWC	REVISED -
c:\pwork\pwork\laughlinr1\d215448\06	2C36-ht-schedule.dgn	DRAWN - JWC	REVISED -
	PLOT SCALE = 48.0000' / 1" in.	CHECKED - RSC	REVISED -
	PLOT DATE = Dec-17-2010 01:57:29PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.
50			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	11
CONTRACT NO. 72C36			ILLINOIS FED. AID PROJECT	

HOT-MIX ASPHALT SHOULDER SCHEDULE

LOCATION		LENGTH	WIDTH	HOT-MIX ASPHALT SURF REM (VAR DEPTH)	HOT-MIX ASPHALT SURF REM 2 1/4"	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	LEVEL BINDER (MM) IL 9.5FG N50 (3/4")	HMA SURFACE COURSE MIX "C" N50 (1 1/2")	SHOULDER RUMBLE STRIP	CENTER-LINE RUMBLE STRIP 16"	BIT MAT PRIME CT	EXCAVATING & GRADING EXIST SHOULDERS
STATION	TO STATION	(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(FOOT)	(FOOT)	(TON)	(UNIT)
FAP 765 (IL 108 SOUTH)												
STA. 111+80.00 LT & RT.	TO STA. 120+64.83 LT & RT.	884.83	3.00			590.00		49.56	1,723.00	885.00	0.22	17.5
STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.												
STA. 122+78.03 LT & RT.	TO STA. 144+08.28 LT & RT.	2,130.25	3.00			1,420.50		119.50	4,110.00	2,000.00	0.54	42.5
STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.												
STA. 145+88.98 LT & RT.	TO STA. 146+90.00 LT & RT.	101.02	3.00			67.50		5.67	202.00	101.00	0.03	2.0
STA. 359+20.17 LT.	TO STA. 366+90.00 LT.	769.83	3.00	256.61			10.78	21.56			0.10	
STA. 359+20.17 RT.	TO STA. 367+50.00 RT.	829.83	3.00	276.61			11.62	23.24			0.11	
RADUIS AT INTERSECTION IL 108 (SOUTH) & IL 111												
IL 108(SOUTH) STA. 478+61.82 LT	TO IL 111 STA. 938+61.55 LT.	158.40	3.00	52.80			2.22	4.44			0.02	
IL 108(SOUTH) STA. 479+10.33 RT	TO IL 111 STA. 936+38+83 LT.	156.40	3.00	52.13			2.19	4.38			0.02	
FAP 765 (IL 108 NORTH)												
RADUIS AT INTERSECTION IL 108 (NORTH) & IL 111												
IL 108 (NORTH) STA. 527+83.10	TO IL 111 STA. 890+43.03 RT.	161.90	3.00	53.97			2.27	4.53			0.02	
IL 108 (NORTH) STA. 527+38.4 LT.	TO IL 111 STA. 892+67.29 RT.	163.10	3.00	54.37			2.28	4.57			0.02	
FAP 608 (IL 111)												
Sta 902+60.50 LT	TO STA. 908+43.90 LT.	583.40	3.00	146.50	48.00		8.17	16.34			0.01	
Sta 901+92.00 RT	TO STA. 908+43.90 RT.	651.90	3.00	170.00	47.30		9.13	18.25			0.01	
BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09												
Sta 909+30.09 LT	TO STA. 922+57.00 LT.	1,326.91	3.00	153.30	289.00		18.58	37.15			0.01	
Sta 909+30.09 RT	TO STA. 921+92.00 RT.	1,261.91	3.00	148.00	272.70		17.67	35.34			0.01	
TOTALS				1,364.50	657.00	2,078.00	85.00	345.00	6,035.00	2,986.00	1.10	62.00

• FAP 765 & FAP 608
 ** 107RS-3,108RS-1,109RS-3

FILE NAME =	USER NAME = laughlin1	DESIGNED - JWC	REVISED -
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	PLOT SCALE = 48.0000' / 1in.	CHECKED - RSC	REVISED -
	PLOT DATE = Dec-17-2010 01:57:40PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 50 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	12
CONTRACT NO. 72C36			ILLINOIS FED. AID PROJECT	

AGGREGATE SHOULDER SCHEDULE						
LOCATION		LENGTH	THICKNESS	WIDTH	AGGREGATE SHOULDERS, TYPE B	
STATION	TO STATION	(FT)	(INCH)	(FT)	(TON)	
FAP 765 (IL 108 SOUTH)						
STA. 80+00.00 LT. & RT.	TO STA. 120+64.83 LT. & RT.	4,064.83	0.25 AVER.	3.00	463.00	
STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.						
STA. 122+78.03 LT. & RT.	TO STA. 144+08.28 LT. & RT.	2,130.25	0.25 AVER.	3.00	243.00	
STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.						
STA. 145+88.98 LT. & RT.	TO STA. 201+38.72 LT. & RT.	5,549.74	0.25 AVER.	STA. 0+3.00	632.00	
STATION EQUATION STA. 201+38.72 BK. = STA. 201+39.18 AH.						
STA. 201+39.18 LT. & RT.	TO STA. 249+99.94 LT. & RT.	4,860.76	0.25 AVER.	3.00	553.50	
STATION EQUATION STA. 249+99.94 BK. = STA. 250+00.06 AH.						
STA. 250+00.06 LT. & RT.	TO STA. 332+89.53 LT. & RT.	8,289.47	0.25 AVER.	3.00	944.00	
STATION EQUATION STA. 332+89.53 BK. = STA. 332+89.64 AH.						
STA. 332+89.64 LT. & RT.	TO STA. 350+15.00 LT. & RT.	1,725.36	0.25 AVER.	3.00	196.50	
STA. 350+15.00 LT. & RT.	TO STA. 354+94.31 LT. & RT.	479.31			NONE	
STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.						
STA. 355+54.89 LT. & RT.	TO STA. 357+70.83 LT. & RT.	215.94			NONE	
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17						
STA. 359+20.17 LT. & RT.	TO STA. 366+55.00 LT. & RT.	734.83			NONE	
STA. 366+55.00 LT. & RT.	TO STA. 372+88.00 LT. & RT.	633.00			NONE	
STATION EQUATION STA. 372+88.00 BK. = STA. 373+50.40 AH.						
STA. 373+50.40 LT. & RT.	TO STA. 375+50.00 LT. & RT.	199.60			NONE	
STA. 375+50.00 LT. & RT.	TO STA. 413+68.06 LT. & RT.	3,818.06	0.25 AVER.	3.00	437.0	
STATION EQUATION STA. 413+68.06 BK. = STA. 413+68.64 AH.						
STA. 413+68.64 LT. & RT.	TO STA. 472+50.00 LT. & RT.	5,881.36	0.25 AVER.	3.00	670.00	
STA. 472+50.00 LT. & RT.	TO STA. 473+10.00 LT. & RT.	60.00	0.25 AVER.	3.00	7.00	
STA. 473+10.00 LT. & RT.	TO STA. 479+78.80 LT. & RT.	668.80	0.25 AVER.	3.00	76.00	
FAP 765 (IL 108 NORTH)						
STA. 526+61.81 LT. & RT.	TO STA. 532+30.00 LT. & RT.	568.19	0.25 AVER.	3.00	65.00	
STA. 532+30.00 LT. & RT.	TO STA. 533+00.00 LT. & RT.	70.00	0.25 AVER.	3.00	8.00	
FAP 608 (IL 111)						
STA. 884+62.00 LT.	TO STA. 902+60.50 LT.	1,798.50	0.25 AVER.	3.00	102.50	
STA. 884+62.00 RT.	TO STA. 901+92.00 RT.	1,730.00	0.25 AVER.	3.00	98.50	
STA. 902+60.50 LT.	TO STA. 908+43.90 LT.	583.40	0.25 AVER.	3.00	8.5	
STA. 901+92.00 RT.	TO STA. 908+43.90 RT.	651.90	0.25 AVER.	3.00	8.0	
BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09						
STA. 909+30.09 LT.	TO STA. 913+90.00 LT.	459.91	0.25 AVER.	3.00	26.00	
STA. 909+30.09 RT.	TO STA. 913+74.00 RT.	443.91	0.25 AVER.	3.00	25.50	
STA. 913+90.00 LT.	TO STA. 922+57.00 LT.	867.00			NONE	
STA. 913+74.00 RT.	TO STA. 921+92.00 RT.	818.00			NONE	
STA. 922+57.00 LT.	TO STA. 942+91.74 LT.	2,034.74	0.25 AVER.	3.00	116.00	
STA. 921+92.00 RT.	TO STA. 942+91.74 RT.	2,099.74	0.25 AVER.	3.00	120.00	
STATION EQUATION STA. 942+91.74 BK. = STA. 943+00.00 AH.						
STA. 943+00.00 LT. & RT.	TO STA. 943+71.00 LT. & RT.	71.00	0.25 AVER.	3.00	8.00	
					TOTAL	4,808.00

RAISED REFLECTIVE PAVEMENT MARKER					
STATION TO STATION	LENGTH (FT)	SPACING	TWO-WAY AMBER (EACH)	ONE-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)
FAP 765 (IL 108 SOUTH)					
STA. 80+00.00 TO STA. 357+70.83	27315.00	1 @ 80'	345		
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17					
STA. 359+20.17 TO STA. 479+78.80	11995.65	1 @ 80'	160		
FAP 765 (IL 108 NORTH)					
STA. 526+61.81 TO STA. 533+00.00	638.19	1 @ 80'	9		
FAP 608 (IL 111)					
STA. 884+62.00 TO STA. 908+43.90	2381.90	1 @ 80'	27		
BRIDGE OMISSION STA. 908+15.21 TO STA. 909+58.79					
STA. 909+30.09 TO STA. 943+71.00	3432.65	1 @ 80'	43		
			TOTAL	584	

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
STATION TO STATION	LENGTH (FOOT)	REMOVAL (EACH)	
FAP 765 (IL 108 SOUTH)			
STA. 80+00.00 TO STA. 357+70.83	27315.00	345	
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17			
STA. 359+20.17 TO STA. 479+78.80	11995.65	160	
FAP 765 (IL 108 NORTH)			
STA. 526+61.81 TO STA. 533+00.00	638.19	9	
FAP 608 (IL 111)			
STA. 884+62.00 TO STA. 908+43.90	2381.90	27	
BRIDGE OMISSION STA. 908+15.21 TO STA. 909+58.79			
STA. 909+30.09 TO STA. 943+71.00	3432.65	43	
		TOTAL	584

FILE NAME =	USER NAME = laughlin	DESIGNED - JWC	REVISED -
c:\pwork\puidot\laughlin\1d9215448\06	2C36-sht-schedule.dgn	DRAWN - JWC	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED - RSC	REVISED -
	PLOT DATE = Dec-17-2018 01:57:49PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 50 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	13
CONTRACT NO. 72C36			(ILLINOIS) FED. AID PROJECT	

* FAP 765 & FAP 608
** 107RS-3,108RS-1,109RS-3

GUARDRAIL SCHEDULE								
LOCATION			STEEL PLATE	STEEL PLATE	TRAFFIC BARRIER		TERM MARKER	
STATION TO STATION			GUARDRAIL	BEAM GUARDRAIL	BEAM GUARDRAIL	TRAFFIC BARRIER	GUARDRAIL	DIRECT
			REMOVAL	TYPE A, 6' POSTS	TYPE A, 9' POSTS	TERMINAL TYPE 1	TERMINAL TYPE 6	APPLIED
			(FOOT)	(FOOT)	(FOOT)	SPL (TANGENT)	(EACH)	(EACH)
						(EACH)		(EACH)
FAP 765 (IL 108 SOUTH)								
STA. 90+02.50 LT.	TO	STA. 91+15.00 LT.	87.00		12.50	2.00		2.00
STA. 90+42.00 RT.	TO	STA. 91+54.50 RT.	87.00		12.50	2.00		2.00
STA. 112+50.00 LT.	TO	STA. 116+25.00 LT.	169.00		287.50	2.00		2.00
SN 059-0021								
STA. 351+62.00 LT.	TO	STA. 357+70.83 LT.	609.00	525.00		1.00	1.00	1.00
STA. 355+19.00 RT.	TO	STA. 357+70.83 RT.	252.00	175.00		1.00	1.00	1.00
STA. 359+20.17 LT.	TO	STA. 361+64.00 LT.	244.00	162.50		1.00	1.00	1.00
STA. 359+20.17 RT.	TO	STA. 367+22.00 RT.	802.00	712.50		1.00	1.00	1.00
FAP 608 (IL 111)								
SN 059-0013								
STA. 906+47.00 LT.	TO	STA. 908+15.21 LT.	168.00	87.50		1.00	1.00	1.00
STA. 905+71.46 RT.	TO	STA. 908+15.21 RT.	173.00	162.50		1.00	1.00	1.00
STA. 909+58.79 LT.	TO	STA. 912+02.54 LT.	233.00	162.50		1.00	1.00	1.00
STA. 909+58.79 RT.	TO	STA. 911+27.54 RT.	162.00		87.50	1.00	1.00	1.00
STA. 922+00.00 RT.	TO	STA. 926+26.00 RT.	426.00	325.00		2.00		2.00
STA. 923+07.00 LT.	TO	STA. 926+61.00 LT.	354.00	250.00		2.00		2.00
TOTAL			3766.0	2562.5	400.0	18.0	8.0	18.0

NOTE: GUARDRAIL MARKERS, TYPE A
NOT TO BE PLACED ON
TRAFFIC BARRIER TERMINAL, TYPE 1.

* FAP 765 & FAP 608
** 107RS-3,108RS-1,109RS-3

SIDE ROAD AND ENTRANCE SCHEDULE

LOCATION FAP 765 (IL 108)	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH OF IMPROVEMENT FROM EOP (FT)	EXIST. SURF. TYPE	PREPARATION OF BASE (SQ YD)	HOT-MIX ASPH. SURF. REMOVAL BUTT-JOINT (SQ YD)	INCIDENTAL HOT-MIX ASPH. SURF. (TON)	HMA. MAT. PRIME COAT (TON)	AGGREGATE PRIME COAT (TON)	AGGREGATE SURF. CSE. TYPE B (TON)
WESTWOOD LANE RT. STA. 81+13.00	45	25	10	HMA / AGG	-	38.89	4.36	0.01	-	-
CE LT. STA. 81+15.00	105	70	10	HMA / AGG	-	97.22	10.89	0.04	-	-
MBT LT. STA. 81+51.00				HMA						
PE RT. STA. 81+56.00	36	20	8	HMA / AGG	-	24.89	2.79	0.01	-	-
PE W/ MBT LT. STA. 86+91.00	60	32	8	HMA / AGG	-	40.89	4.58	0.06	-	-
MBT LT. STA. 89+45.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
PE RT. STA. 89+69.00	28	12	8	HMA / AGG	-	17.78	1.99	0.01	-	-
PE RT. STA. 89+98.00	28	12	8	HMA / AGG	-	17.78	1.99	0.01	-	-
CE LT. STA. 91+39.00	45	25	10	AGG	38.89	-	17.42	0.06	-	3.25
MBT LT. STA. 93+41.00	64	20	8	AGG	37.33	-	16.73	0.05	-	-
CE RT. STA. 93+56.00	51	31	10	HMA / AGG	-	45.56	5.10	0.02	-	-
CE LT. STA. 94+30.00	46	26	10	HMA / AGG	-	40.00	4.48	0.02	-	-
CE RT. STA. 94+91.00	48	28	10	HMA / AGG	-	42.22	4.73	0.02	-	-
CE RT. STA. 97+24.00	60	40	10	HMA / AGG	-	55.56	6.22	0.02	-	-
CE RT. STA. 99+26.00	54	34	10	HMA / AGG	-	48.89	5.48	0.02	-	-
COLT RD. LT. STA. 105+89.50	60	40	10	OIL/CHIP	55.54	-	24.88	0.08	0.11	-
PE W/ MBT LT. STA. 107+66.00	70	25	8	AGG	42.20	-	8.27	0.06	-	4.5
MBT LT. STA. 111+77.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
CE RT. STA. 111+85.00	48	28	10	AGG	42.20	-	18.91	0.06	-	3.5
CE RT. STA. 120+84.00	44	24	10	AGG	37.77	-	16.92	0.05	-	3.0
FE LT. STA. 127+92.00	-	-	-	AGG	-	-	-	-	-	-
FE RT. STA. 135+13.00	-	-	-	EARTH	-	-	-	-	-	-
LIMPIE RD. RT. STA. 136+60.28	145	115	15	OIL/CHIP	216.67	-	97.07	0.31	0.45	-
FE RT. STA. 166+87.00	-	-	-	EARTH	-	-	-	-	-	-
PE W/ MBT LT. STA. 168+27.00	75	40	8	HMA / AGG	-	51.11	5.72	0.02	-	-
FE RT. STA. 182+12.00	-	-	-	EARTH	-	-	-	-	-	-
FE LT. STA. 184+81.00	-	-	-	EARTH	-	-	-	-	-	-
PE W/ MBT LT. STA. 186+24.00	75	40	8	HMA / AGG	-	51.11	5.72	0.02	-	-
FE LT. STA. 197+39.00	-	-	-	-	-	-	-	-	-	-
PE RT. STA. 205+26.00	39	23	8	HMA / AGG	-	27.56	3.09	0.01	-	-
MBT LT. STA. 205+79.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
CE LT. STA. 214+66.00	38	18	10	AGG	31.10	-	13.93	0.04	-	3
FE LT. STA. 221+04.00	-	-	-	EARTH	-	-	-	-	-	-
FE RT. STA. 227+85.50	-	-	-	AGG	-	-	-	-	-	-
FE RT. STA. 234+34.00	-	-	-	-	-	-	-	-	-	-
PE W/ MBT LT. STA. 246+16.00	72	28	8	HMA / AGG	-	44.44	4.98	0.02	-	-

SHEET 1 OF 3

* FAP 765 & FAP 608
** 107RS-3,108RS-1,109RS-3

FILE NAME =	USER NAME = laughlinr1	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwork\pwork\loughlinr1\0215448\0215448-2C36-sht-schedule.dgn		DRAWN - JWC	REVISED -		SCALE: 50						MACOUPIN	46	15
		CHECKED - RSC	REVISED -		SHEET NO. OF SHEETS								
		DATE - Dec-17-2010 01:58:06PM	REVISED -		STA. TO STA.								
											CONTRACT NO. 72C36		ILLINOIS FED. AID PROJECT

SIDE ROAD AND ENTRANCE SCHEDULE

LOCATION FAP 765 (IL 108)	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH OF IMPROVEMENT FROM EOP (FT)	EXIST. SURF. TYPE	PREPARATION OF BASE (SQ YD)	HOT-MIX ASPH. SURF. REMOVAL BUTT-JOINT (SQ YD)	INCIDENTAL HOT-MIX ASPH. SURF. (TON)	HMA. MAT. PRIME COAT (TON)	AGGREGATE PRIME COAT (TON)	AGGREGATE SURF. CSE. TYPE B (TON)
FE RT. STA. 247+20.00	-	-	-	EARTH	-	-	-	-	-	-
BATES RD. LT. STA. 247+50.00	47	27	10	OIL / CHIP	41.10	-	18.41	0.06	0.09	-
PE W/ MBT LT. STA. 258+39.00	68	32	8	HMA / AGG	-	44.44	4.98	0.02	-	-
FE RT. STA. 263+00.00	-	-	-	-	-	-	-	-	-	-
CE LT. STA. 264+57.00	45	25	10	AGG	38.89	-	17.42	0.06	-	3.25
FE LT. STA. 266+78.00	-	-	-	-	-	-	-	-	-	-
COMER RD. RT. STA. 274+34.50	50	30	10	OIL / CHIP	44.44	-	19.91	0.06	0.10	-
FE LT. STA. 274+42.00	-	-	-	-	-	-	-	-	-	-
MBT LT. STA. 281+78.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
CE RT. STA. 282+00.00	49	29	10	HMA / AGG	-	43.33	4.85	0.02	-	-
FE LT. STA. 287+58.00	-	-	-	-	-	-	-	-	-	-
MBT LT. STA. 300+39.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
PE RT. STA. 300+95.00	34	18	8	HMA / AGG	-	23.11	2.59	0.01	-	-
CE RT. STA. 310+82.00	44	24	10	AGG	37.77	-	16.92	0.05	-	3.0
FE RT. STA. 319+74.00	-	-	-	-	-	-	-	-	-	-
MBT LT. STA. 324+17.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
PE RT. STA. 324+68.00	46	26	10	OIL / CHIP	40.00	-	17.92	0.06	-	3.5
FE LT. STA. 328+50.00	-	-	-	-	-	-	-	-	-	-
CE RT. STA. 328+75.00	43	23	10	HMA / AGG	-	36.67	4.11	0.01	-	-
FE RT. STA. 331+26.00	-	-	-	EARTH	-	-	-	-	-	-
FE LT. STA. 331+96.00	-	-	-	AGG	-	-	-	-	-	-
FE LT. STA. 342+36.00	-	-	-	EARTH	-	-	-	-	-	-
BEAR HILLS RD. LT. STA. 345+32.31	130	100	15	OIL / CHIP	191.66	-	85.86	0.28	0.20	-
FE LT. STA. 367+32.00	-	-	-	-	-	-	-	-	-	-
PE W/ MBT LT. STA. 375+58.00	88	54	8	HMA / AGG	-	63.11	7.07	0.02	-	-
PE LT. STA. 376+44.00	36	20	8	AGG	24.88	-	4.88	0.04	-	3.5
CE LT. STA. 380+35.00	48	28	10	HMA / AGG	-	42.22	4.73	0.02	-	-
ENOS RD. RT. STA. 387+33.00	47	27	10	OIL / CHIP	41.10	-	18.41	0.06	0.10	-
FE RT. STA. 388+20.00	-	-	-	AGG	-	-	-	-	-	-
FE LT. STA. 388+32.00	-	-	-	EARTH	-	-	-	-	-	-
MBT LT. STA. 403+28.00	64	20	8	HMA	-	37.33	4.18	0.01	-	-
PE RT. STA. 403+49.00	42	26	8	HMA / AGG	-	30.22	3.38	0.01	-	-
FE RT. STA. 405+39.00	-	-	-	-	-	-	-	-	-	-
CE LT. STA. 410+29.00	40	20	10	HMA / AGG	-	33.33	3.73	0.01	-	-
PE W/ MBT LT. STA. 414+55.00	65	40	8	AGG	46.66	-	9.15	0.07	-	3.5

SHEET 2 OF 3

• FAP 765 & FAP 608
• 107RS-3,108RS-1,109RS-3

FILE NAME =	USER NAME = laughtinr1	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwork\pwork\laughtinr1\0215448\06	2C36-ght-schedule.dgn	DRAWN - JWC	REVISED -		SCALE: 50				*	**	MACOUPIN	46	16
	PLOT SCALE = 40.0000' / in.	CHECKED - RSC	REVISED -		SHEET NO. OF SHEETS				STA. TO STA.		CONTRACT NO. 72C36		
	PLOT DATE = Dec-17-2010 01:58:16PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PAINT PAVEMENT MARKING-LINE SCHEDULE									
LOCATION			DESCRIPTION	LENGTH (FT)	SPACING	LINE 5"		LINE 6"	LINE 24"
STATION	TO	STATION				WHITE (FT)	YELLOW (FT)	WHITE (FT)	WHITE (FT)
FAP 765 (IL 108 SOUTH)									
STA. 80+00.00	TO	STA. 120+64.83	SOLID (EDGE LINE LT & RT)	4,064.83			8,019.66		
STA. 78+46.24	TO	STA. 80+15.00	SOLID (EAST & WEST BOUND NPZ)	168.76			337.52		
STA. 80+15.00	TO	STA. 90+80.00	SOLID (EAST BOUND NPZ)	1,065.00			1065.00		
STA. 80+15.00	TO	STA. 90+80.00	SKIP-DASH (CENTER WEST BOUND)	1,065.00	10' @40'		266.25		
STA. 90+80.00	TO	STA. 95+25.00	SKIP-DASH (CENTER EAST BOUND)	445.00	10' @40'		111.25		
STA. 90+80.00	TO	STA. 95+25.00	SOLID (WEST BOUND NPZ)	445.00			445.00		
STA. 95+25.00	TO	STA. 120+64.83	SOLID (EAST & WEST BOUND NPZ)	2,539.83			5079.66		
STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.									
STA. 122+78.03	TO	STA. 144+08.28	SOLID (EDGE LINE LT & RT)	2,130.25			4,100.50		
LIMPIE RD. RT. STA. 137+00.00 TO RT. STA. 138+60.00			SKIP-DASH (EDGE RT)	160.00	2' @ 8'			40.00	
STA. 122+78.03	TO	STA. 144+08.28	SOLID (EAST & WEST BOUND NPZ)	2,130.25			4260.50		
STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.									
STA. 145+88.98	TO	STA. 201+38.72	SOLID (EDGE LINE LT & RT)	5,549.74			11,099.48		
STA. 145+88.98	TO	STA. 146+00.00	SOLID (EAST & WEST BOUND NPZ)	11.02			22.04		
STA. 146+00.00	TO	STA. 157+00.00	SOLID (EAST BOUND NPZ)	1,100.00			1100.00		
STA. 146+00.00	TO	STA. 157+00.00	SKIP-DASH (CENTER WEST BOUND)	1,100.00	10' @40'		275.00		
STA. 157+00.00	TO	STA. 201+38.72	SKIP-DASH (CENTER)	4,438.72	10' @40'		1109.68		
STATION EQUATION STA. 201+38.72 BK. = STA. 201+39.18 AH.									
STA. 201+39.18	TO	STA. 249+99.94	SOLID (EDGE LINE LT & RT)	4,860.76			9,671.52		
STA. 201+39.18	TO	STA. 249+99.94	SKIP-DASH (CENTER)	4,860.76	10' @40'		1215.19		
STATION EQUATION STA. 249+99.94 BK. = STA. 250+00.06 AH.									
STA. 250+00.06	TO	STA. 332+89.53	SOLID (EDGE LINE LT & RT)	8,289.47			16,523.94		
STA. 250+00.06	TO	STA. 263+00.00	SKIP-DASH (CENTER)	1,299.94	10' @40'		324.99		
STA. 263+00.00	TO	STA. 269+50.00	SOLID (WEST BOUND NPZ)	650.00			650.00		
STA. 263+00.00	TO	STA. 269+50.00	SKIP-DASH (CENTER EAST BOUND)	650.00	10' @40'		162.50		
STA. 269+50.00	TO	STA. 276+00.00	SOLID (EAST BOUND NPZ)	650.00			250.00		
STA. 269+50.00	TO	STA. 276+00.00	SKIP-DASH (CENTER WEST BOUND)	650.00	10' @40'		162.50		
STA. 276+00.00	TO	STA. 325+00.00	SKIP-DASH (CENTER)	4,900.00	10' @40'		1225.00		
STA. 325+00.00	TO	STA. 332+89.53	SOLID (WEST BOUND NPZ)	789.53			789.53		
STA. 325+00.00	TO	STA. 332+89.53	SKIP-DASH (CENTER EAST BOUND)	789.53	10' @40'		197.38		
STATION EQUATION STA. 332+89.53 BK. = STA. 332+89.64 AH.									
STA. 332+89.64	TO	STA. 354+94.31	SOLID (EDGE LINE LT & RT)	2,204.67			4,249.34		
BEAR ROUGH HILLS RD. LT. STA. 346+90.00 TO LT. STA. 348+50.00			SKIP-DASH (EDGE LT)	160.00	2' @ 8'			40.00	
STA. 332+89.64	TO	STA. 354+94.31	SOLID (WEST BOUND NPZ)	160.00			160.00		
STA. 332+89.64	TO	STA. 354+94.31	SKIP-DASH (CENTER EAST BOUND)	160.00	10' @40'		40.00		

SHEET 1 OF 2

FILE NAME =	USER NAME = laughlinr	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwork\pwork\laughlinr\1\0215448\05	2C36-sht-schedule.dgn	DRAWN - JWC	REVISED -		SCALE: 50	SHEET NO. OF	SHEETS	STA. TO STA.	**	MACOUPIN	46	18
	PLOT SCALE = 48.0000" / in.	CHECKED - RSC	REVISED -									
	PLOT DATE = Dec-17-2010 01:58:34PM	DATE -	REVISED -									
* FAP 765 & FAP 608 ** 107RS-3,108RS-1,109RS-3 ILLINOIS FED. AID PROJECT												

PAINT PAVEMENT MARKING-LINE SCHEDULE									
LOCATION			DESCRIPTION	LENGTH (FT)	SPACING	LINE 5"		LINE 6"	LINE 24"
STATION	TO	STATION				WHITE (FT)	YELLOW (FT)	WHITE (FT)	WHITE (FT)
STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.									
STA. 355+54.89	TO	STA. 372+88.00	SOLID (EDGE LINE LT & RT)	1,733.11		3,466.22			
STA. 355+54.89	TO	STA. 372+88.00	SOLID (EAST & WEST BOUND NPZ)	1,733.11			3,466.22		
STATION EQUATION STA. 372+88.00 BK. = STA. 373+50.40 AH.									
STA. 373+50.40	TO	STA. 413+68.06	SOLID (EDGE LINE LT & RT)	4,017.66		7,985.32			
STA. 373+50.40	TO	STA. 374+00.00	SOLID (EAST & WEST BOUND NPZ)	49.60			99.20		
STA. 374+00.00	TO	STA. 376+00.00	SOLID (EAST BOUND NPZ)	200.00			200.00		
STA. 374+00.00	TO	STA. 376+00.00	SKIP-DASH (CENTER WEST BOUND)	200.00	10' @40'		50.00		
STA. 376+00.00	TO	STA. 413+68.06	SKIP-DASH (CENTER)	3,768.06	10' @40'		942.01		
STATION EQUATION STA. 413+68.06 BK. = STA. 413+68.64 AH.									
STA. 413+68.64	TO	STA. 479+78.80	SOLID (EDGE LINE LT & RT)	6,610.16		13,110.32			
STA. 413+68.64	TO	STA. 432+00.00	SKIP - DASH (CENTER)	1,831.36	10' @40'		457.84		
STA. 432+00.00	TO	STA. 439+50.00	SOLID (WEST BOUND NPZ)	750.00			750.00		
STA. 432+00.00	TO	STA. 439+50.00	SKIP-DASH (CENTER EAST BOUND)	750.00	10' @40'		187.50		
STA. 439+50.00	TO	STA. 447+15.00	SOLID (EAST BOUND NPZ)	765.00			765.00		
STA. 439+50.00	TO	STA. 447+15.00	SKIP-DASH (CENTER WEST BOUND)	765.00	10' @40'		191.25		
STA. 447+15.00	TO	STA. 465+75.00	SKIP - DASH (CENTER)	1,860.00	10' @40'		465.00		
STA. 465+75.00	TO	STA. 473+00.00	SOLID (WEST BOUND NPZ)	725.00			725.00		
STA. 465+75.00	TO	STA. 473+00.00	SKIP-DASH (CENTER EAST BOUND)	725.00	10' @40'		181.25		
STA. 473+00.00	TO	STA. 479+50.00	SOLID (EAST & WEST BOUND NPZ)	650.00			1300.00		
RT. STA. 479+50			STOP BAR						26.00
FAP 765 (IL 108 NORTH)									
STA. 526+61.81	TO	STA. 533+00.00	SOLID (EDGE LINE LT & RT)	638.19		1,276.38			
STA. 526+61.81	TO	STA. 533+00.00	SKIP - DASH (CENTER)	638.19	10' @ 40'		159.55		
LT. STA. 526+85			STOP BAR						34.00
FAP 608 (IL 111)									
STA. 884+62.00	TO	STA. 942+91.74	SOLID (EDGE LINE LT & RT)	5,829.74		11,424.00			
STA. 884+62.00	TO	STA. 942+91.74	SOLID (EAST & WEST BOUND NPZ)	5,829.74			1457.44		
STATION EQUATION STA. 942+91.74 BK. = STA. 943+00.00 AH.									
STA. 943+00.00		STA. 943+71.00	SOLID (EDGE LINE LT & RT)	71.00		142.00			
STA. 943+00.00		STA. 943+71.00	SOLID (EAST & WEST BOUND NPZ)	71.00			142.00		
SUB-TOTAL						91,068.68	30,788.25		
TOTAL						121857.00	80.00	60.00	

NOTE: QUANTITIES FOR TEMPORARY PAVEMENT MARKING-LINE
SAME AS PAINT PAVEMENT MARKING-LINE

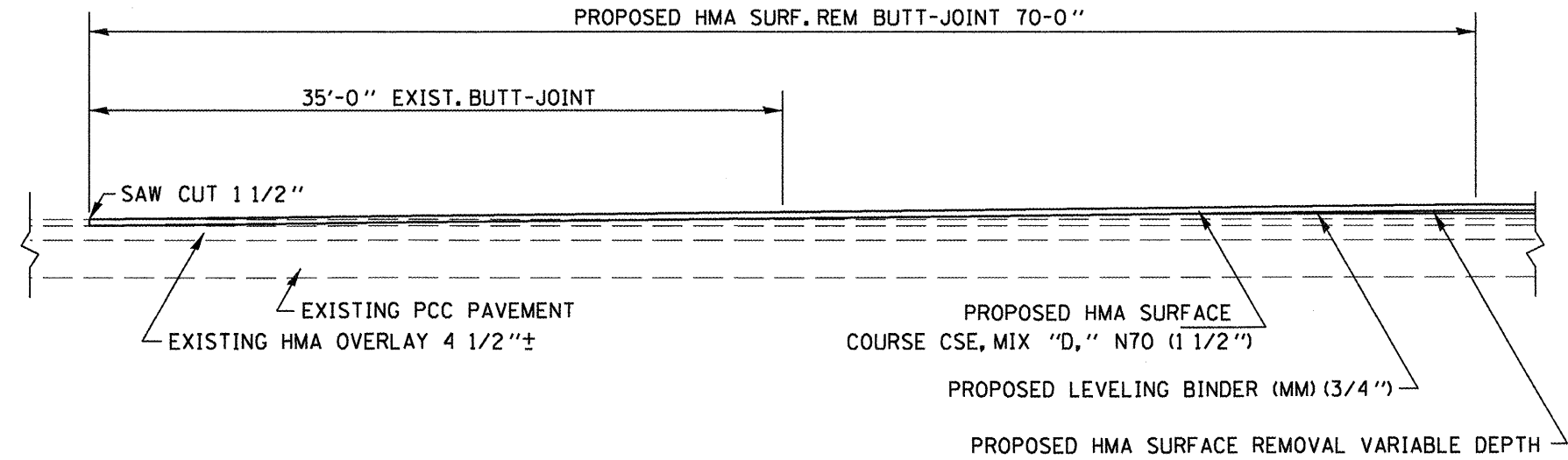
SHEET 2 OF 2

FILE NAME =	USER NAME = laughlrm1	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwork\pwork\laughlrm1\0215448\06	2C36-sht-schedule.dgn	DRAWN - JWC	REVISED -					•	**	MACOUPIN	46	19
	PLOT SCALE = 40,000' / in.	CHECKED - RSC	REVISED -		SCALE: 50			SHEET NO. OF SHEETS STA. TO STA.				
	PLOT DATE = Dec-17-2010 01:58:43PM	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
											* FAP 765 & FAP 608 ** 107RS-3,108RS-1,109RS-3	
											CONTRACT NO. 72C36	

SHORT-TERM PAVEMENT MARKING SCHEDULE							
STATION	LOCATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	NUMBER OF APPLICATIONS	WORK ZONE PAVE MARK REMOVAL (SQ FT)	
FAP 765 (IL 108 SOUTH)							
STA. 80+00.00	TO STA. 120+64.83	SKIP - DASH	4,064.83	4' @ 40'	3	134.14	
STATION EQUATION STA. 120+64.83 BK. = STA. 122+78.03 AH.							
STA. 122+78.03	TO STA. 144+08.28	SKIP - DASH	2,130.25	4' @ 40'	3	70.30	
STATION EQUATION STA. 144+08.28 BK. = STA. 145+88.98 AH.							
STA. 145+88.98	TO STA. 201+38.72	SKIP - DASH	5,549.74	4' @ 40'	3	183.14	
STATION EQUATION STA. 201+38.72 BK. = STA. 201+39.18 AH.							
STA. 201+39.18	TO STA. 249+99.94	SKIP - DASH	4,860.76	4' @ 40'	3	160.41	
STATION EQUATION STA. 249+99.94 BK. = STA. 250+00.06 AH.							
STA. 250+00.06	TO STA. 332+89.53	SKIP - DASH	8,289.47	4' @ 40'	3	273.55	
STATION EQUATION STA. 332+89.53 BK. = STA. 332+89.64 AH.							
STA. 332+89.64	TO STA. 354+94.31	SKIP - DASH	2,204.67	4' @ 40'	3	72.75	
STATION EQUATION STA. 354+94.31 BK. = STA. 355+54.89 AH.							
STA. 355+54.89	TO STA. 357+70.83	SKIP - DASH	215.94	4' @ 40'	3	7.13	
BRIDGE OMISSION STA. 357+70.83 TO STA. 359+20.17							
STA. 359+20.17	TO STA. 372+88.00	SKIP - DASH	1,367.83	4' @ 40'	3	45.14	
STATION EQUATION STA. 372+88.00 BK. = STA. 373+50.40 AH.							
STA. 373+50.40	TO STA. 413+68.06	SKIP - DASH	4,017.66	4' @ 40'	3	132.58	
STATION EQUATION STA. 413+68.06 BK. = STA. 413+68.64 AH.							
STA. 413+68.64	TO STA. 479+78.80	SKIP - DASH	6,610.16	4' @ 40'	3	218.14	
FAP 765 (IL 108 NORTH)							
STA. 526+61.81	TO STA. 533+00.00	SKIP - DASH	638.19	4' @ 40'	3	21.06	
FAP 608 (IL 111)							
STA. 884+62.00	TO STA. 908+43.90	SKIP - DASH	2,381.90	4' @ 40'	3	78.60	
BRIDGE OMISSION STA. 908+43.90 TO STA. 909+30.09							
STA. 909+30.09	TO STA. 942+91.74	SKIP - DASH	3,361.65	4' @ 40'	3	110.93	
STATION EQUATION STA. 942+91.74 BK. = STA. 943+00.00 AH.							
STA. 943+00.00	TO STA. 943+71.00	SKIP - DASH	71.00	4' @ 40'	3	2.34	
					TOTAL	13,730.00	1,810.00

TEMPORARY RAMPS					
LOCATION STATION	TO STATION	DESCRIPTION	WIDTH (FT)	AREA (SQ YD)	
FAP 765 (IL 108)					
STA. 79+65.00	TO STA. 80+00.00	BUTT JOINT	26.0	14.4	
STA. 359+20.17	TO STA. 359+55.17	BUTT JOINT	26.0	14.4	
STA. 532+30.00	TO STA. 533+00.00	BUTT JOINT	26.0	14.4	
FAP 608 (IL 111)					
STA. 884+62.00	TO STA. 885+32.00	BUTT JOINT	26.0	14.4	
STA. 909+30.09	TO STA. 910+00.09	BUTT JOINT	26.0	14.4	
STA. 943+01.00	TO STA. 943+71.00	BUTT JOINT	26.0	14.4	
IL 108 (SOUTH) SIDE ROADS					
STA. 46+78.50 LT.		TAYLOR ST	50.0	28.0	
STA. 48+08.00 LT.		WOODLAWN ST	35.0	19.4	
STA. 54+38.00 LT.		SYCAMORE	40.0	22.2	
STA. 64+08.40 LT.		HURRICAN DRIVE	50.0	28.0	
STA. 67+82.50 RT.		TWNSHP RD 1300 E	60.0	33.5	
STA. 81+13.00 RT.		WESTWOOD LANE	25.0	14.0	
STA. 105+89.50 LT.		COLT RD	40	22.2	
STA. 136+60.28 RT.		LIMPIE ROAD	90	50.0	
STA. 247+50.00 LT.		BATES ROAD	30	16.7	
STA. 274+34.50 RT.		COMER ROAD	30	16.7	
STA. 345+32.21 LT.		BEAR HILLS ROAD	70	38.9	
STA. 387+33.00 RT.		ENOS ROAD	30	16.7	
STA. 439+55.00 LT.		DARTMOUTH ROAD	30	16.7	
STA. 452+92.00 RT.		AMHERST ROAD	30	16.7	
IL 111					
STA. 891+30.53 LT.		TR 2100 N	30	16.7	
STA. 891+31.20 RT.		IL 108 (NORTH)	200	111.1	
STA. 937+77.40 LT.		IL 108 (SOUTH)	200	111.1	
				TOTAL	665.0

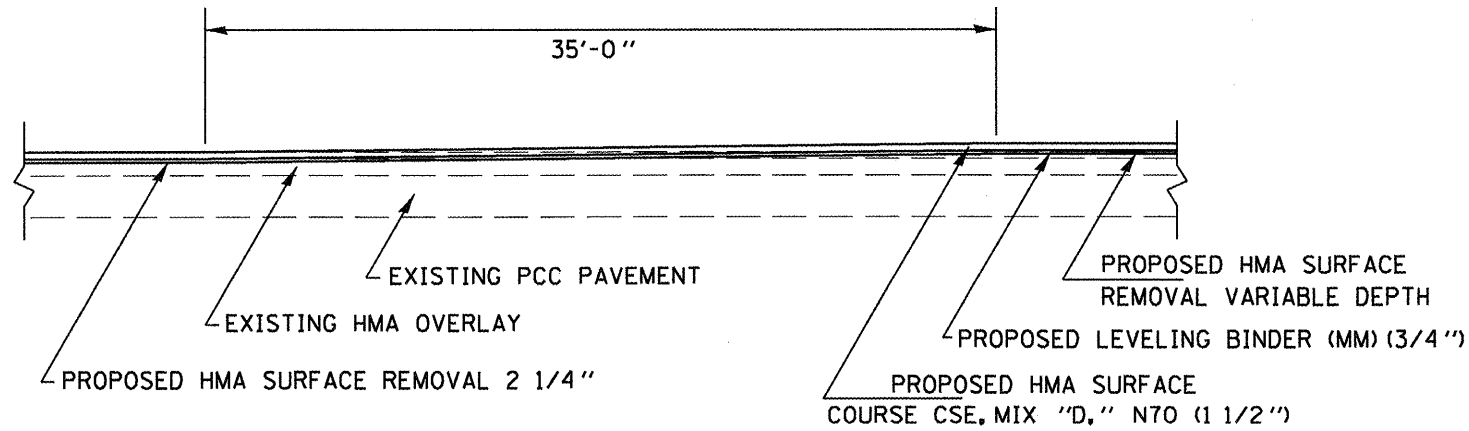
* FAP 765 & FAP 608
** 107RS-3,108RS-1,109RS-3



70' BUTT JOINT DETAIL

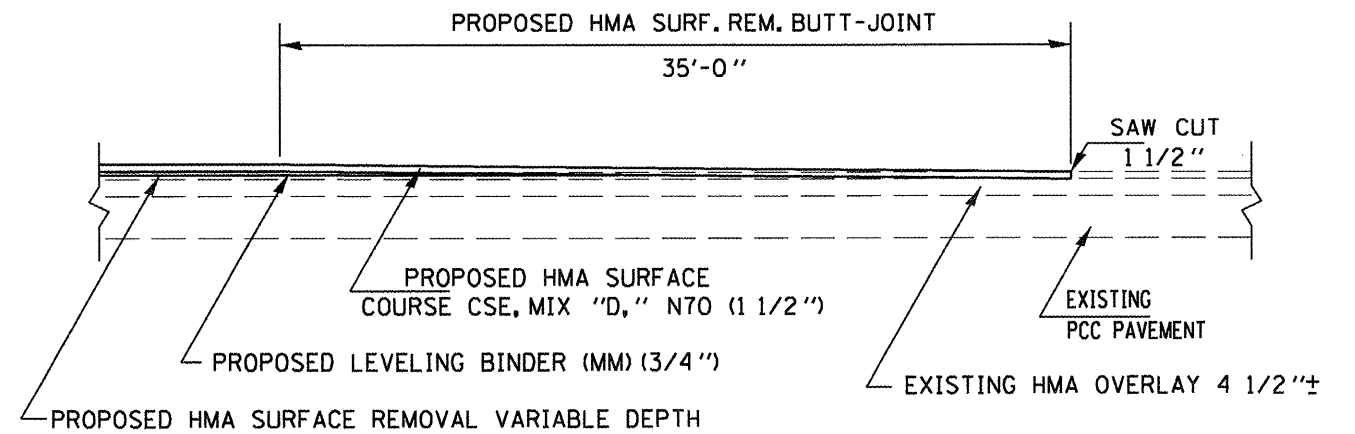
IL 108 (NORTH) STA. 532+30.00 TO STA. 533+00.00
 IL 111 STA. 884+62.00 TO STA. 885+32.00
 STA. 909+30.09 TO STA. 910+00.09
 STA. 943+01.00 TO STA. 943+71.00

LIMITS OF TRANSITION FROM HMA SURF. REM. 2 1/4" TO HMA SURF. REM. (VARIABLE DEPTH) TO BE INCLUDED AND PAID FOR AS HMA SURF. REM. 2 1/4"



35' MILLING TRANSITION DETAIL

IL 108 (SOUTH) STA. 350+15.00 TO STA. 350+50.00
 STA. 366+55.00 TO STA. 366+90.00
 STA. 375+50.00 TO STA. 375+85.00
 IL 111 STA. 901+57.00 TO STA. 901+92.00
 STA. 913+39.00 TO STA. 913+74.00
 STA. 922+57.00 TO STA. 922+92.00



35' BUTT JOINT DETAIL

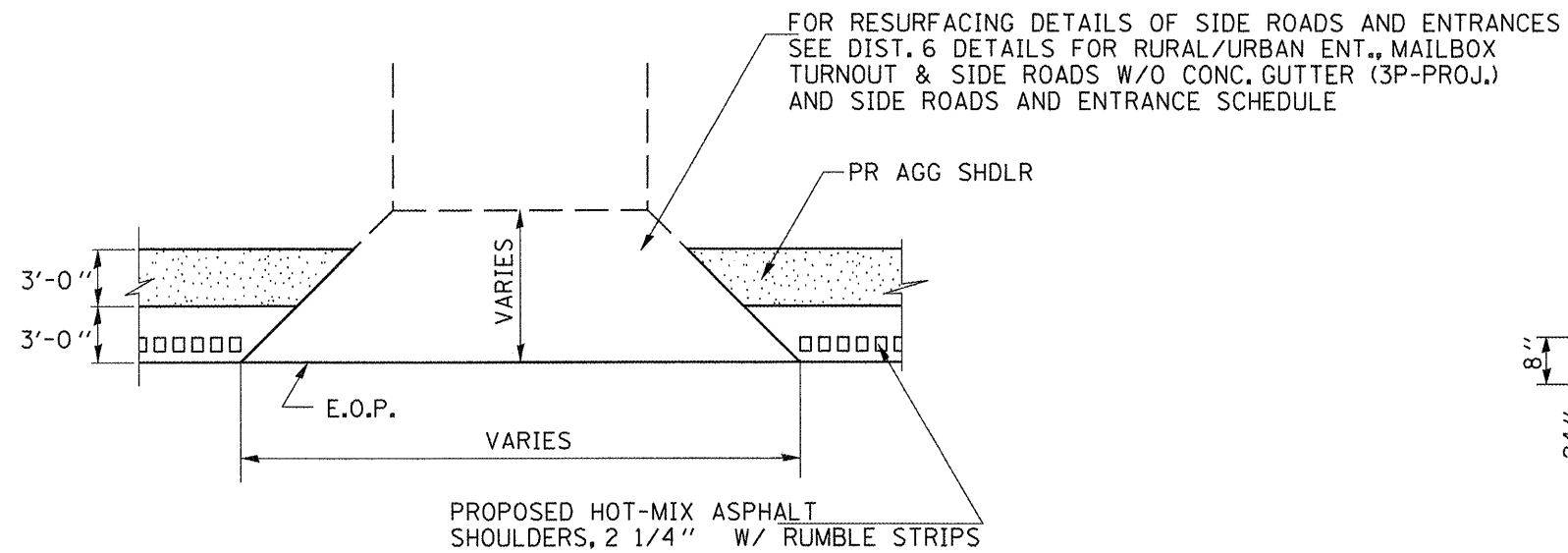
IL 108 (SOUTH) STA. 79+65.00 TO STA. 80+00.00
 STA. 359+20.17 TO STA. 359+55.17

NOTE:
 MILLING TRANSITION MAY VARY BASED ON EXISTING FIELD CONDITION

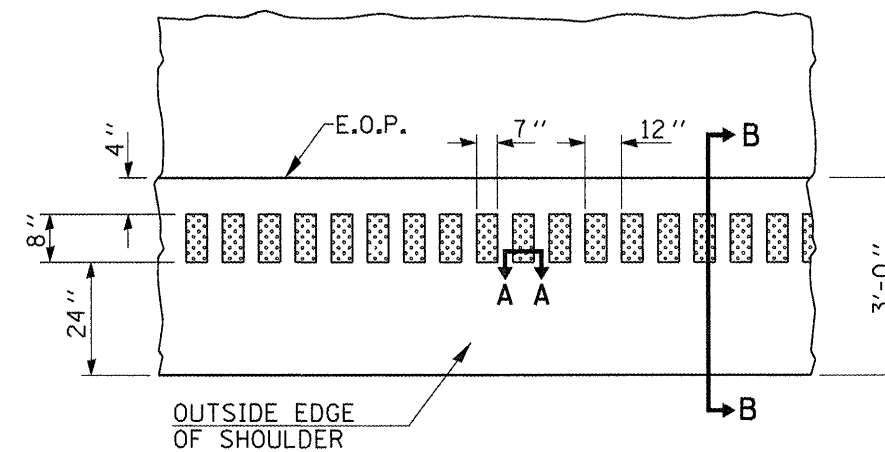
FILE NAME =	USER NAME = laughlin-1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT & MILLING TRANSITION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\laughlin-1\0215448\062	2C36-sht-details.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	•	**	MACOUPIN	46	21
	PLT SCALE = 200.0000' / in.	CHECKED -	REVISED -										
	PLOT DATE = Dec-17-2010 01:58:58PM	DATE -	REVISED -										

* FAP 765 & FAP 608
 ** 107RS-3, 108RS-3, 109RS-3

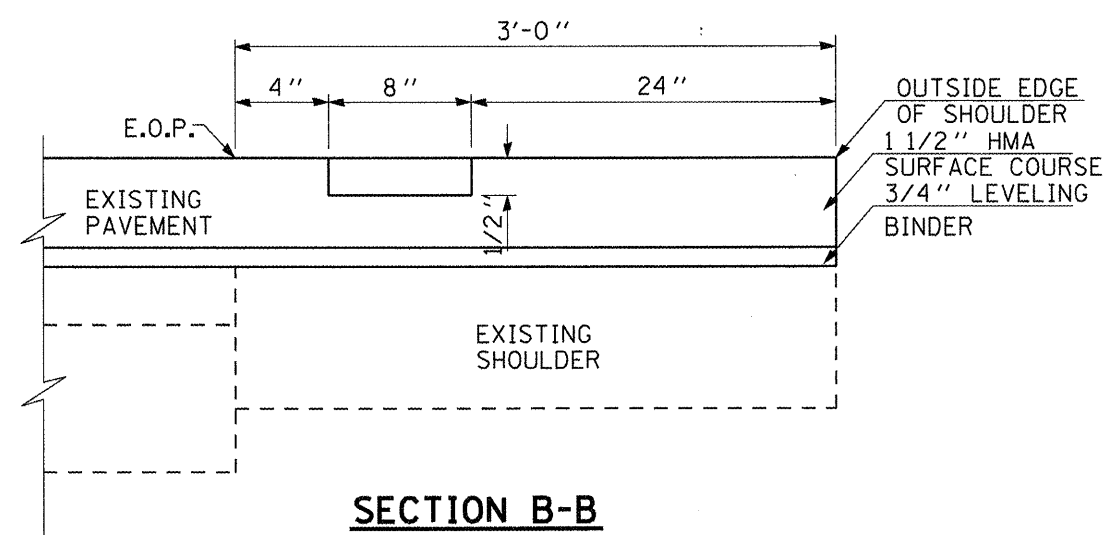
ILLINOIS FED. AID PROJECT CONTRACT NO. 72C36



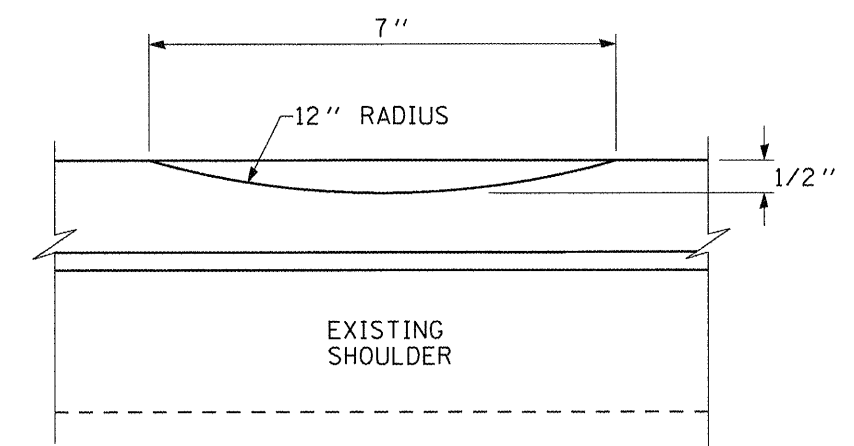
PLAN VIEW
TYPICAL APPLICATION AT
INTERSECTION & ENTRANCE



PLAN VIEW



SECTION B-B



SECTION A-A

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -
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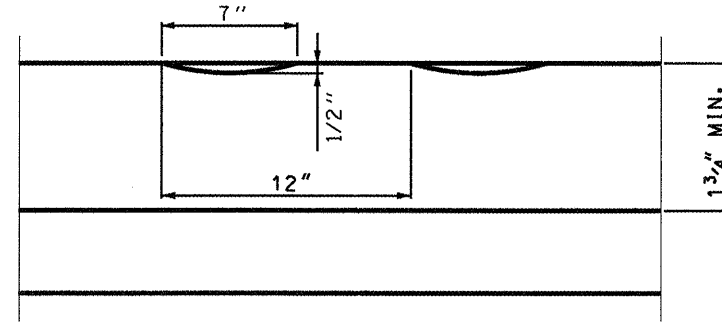
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHOULDER & RUMBLE STRIP DETAILS

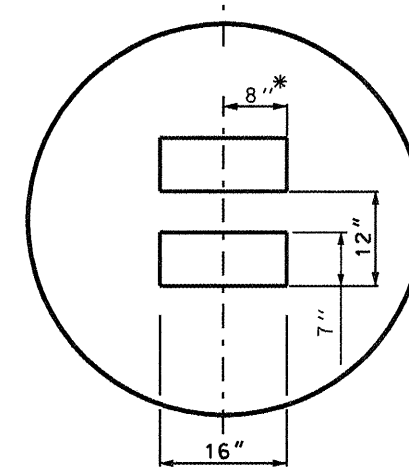
SCALE: 50 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	22
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

• FAP 765 & FAP 608
•• SECTION 107RS-3, 108RS-1, 109RS-3

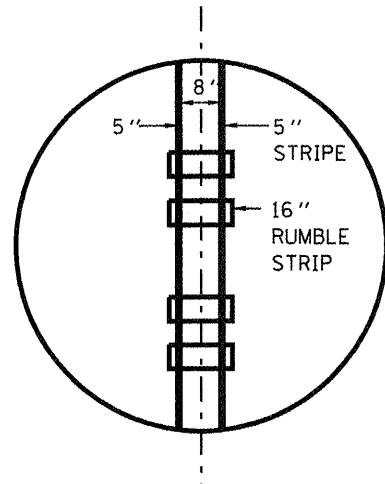


SECTION C-C

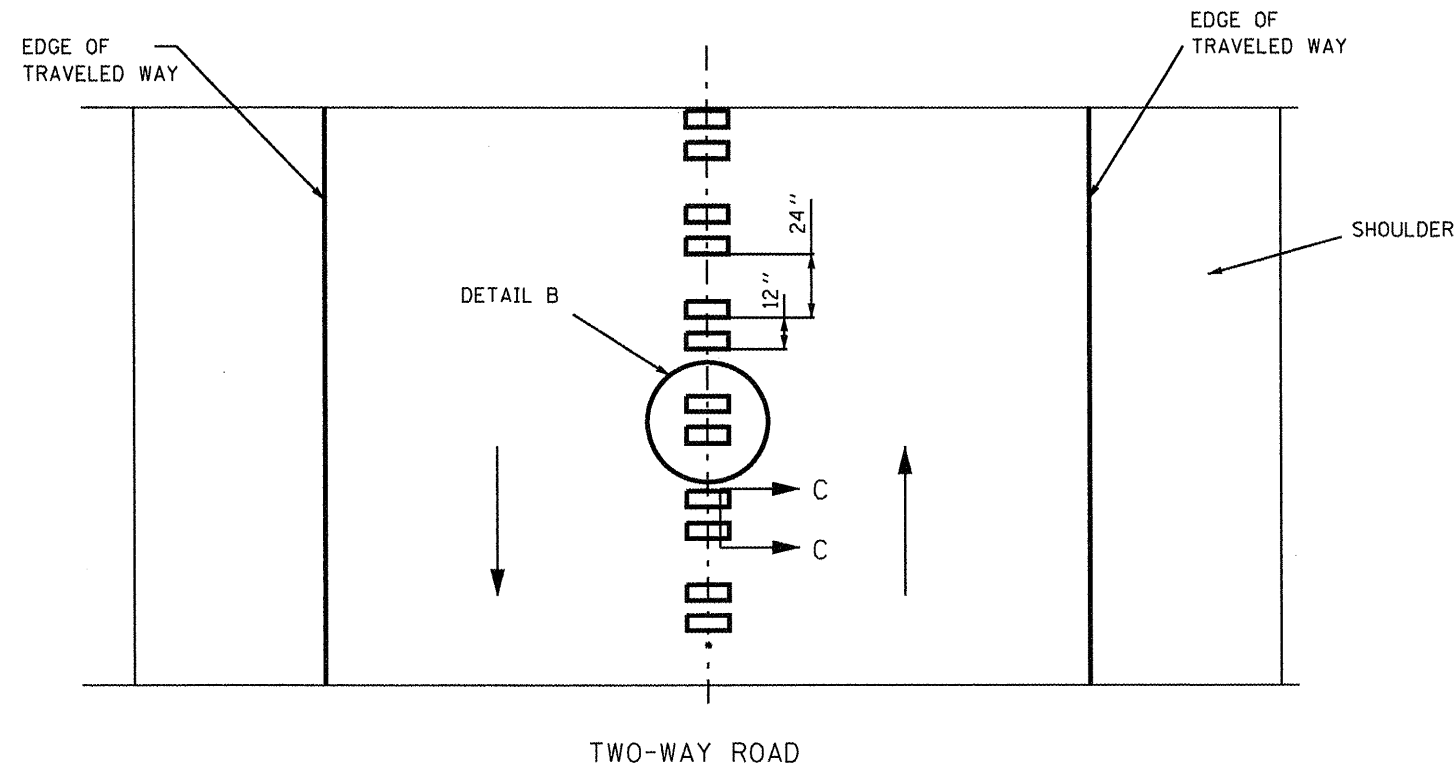


DETAIL B

* = LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.



NO PASSING ZONE CENTERLINE STRIPING



GENERAL NOTES:
 SKIP OVER EXISTING (4' GAP (2' ON EACH SIDE)) RAISED REFLECTIVE PAVEMENT MARKERS
 RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
 ALL RUMBLE STRIPS SHALL BE MILLED.
 CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
 DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

02-01-2007

FAP 765 & FAP 608
 SECTION 107RS-3, 108RS-1, 109RS-3

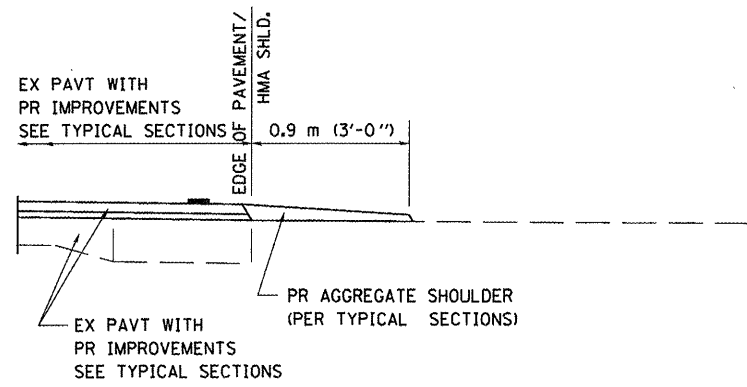
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

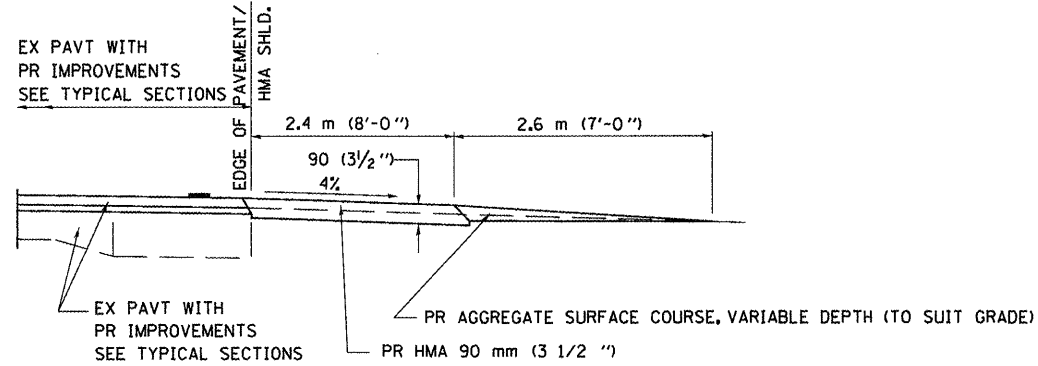
RUMBLE STRIPS, CENTERLINE DETAIL

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

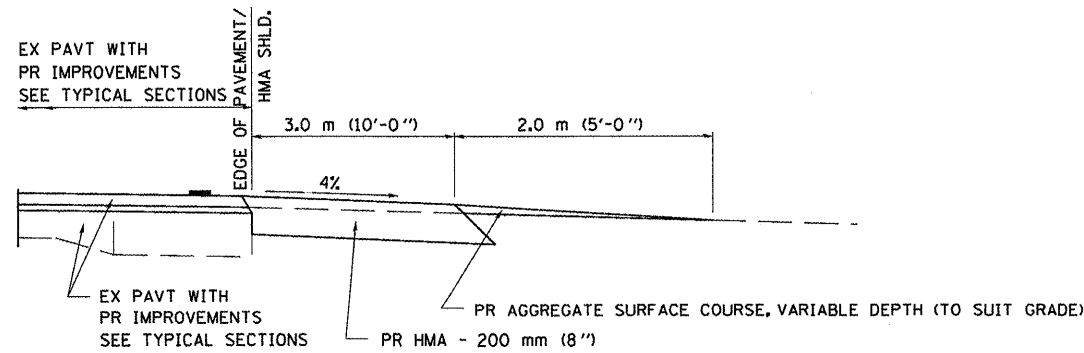
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	23
CONTRACT NO. 72C36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



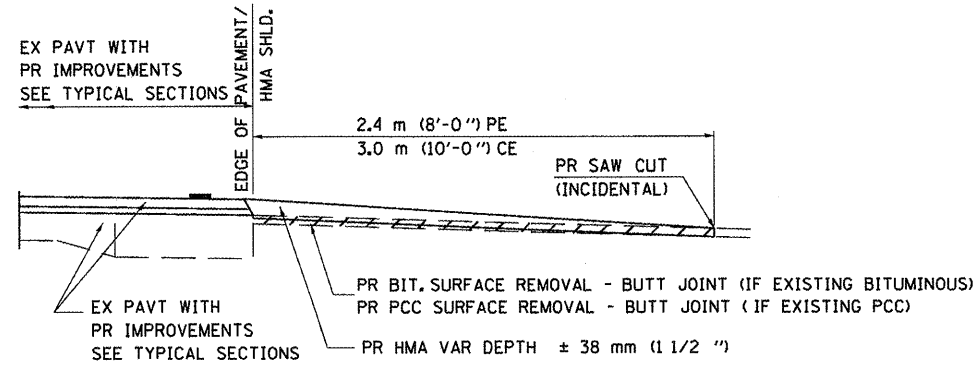
SECTION A-A FOR EX EARTH/AGGREGATE FE



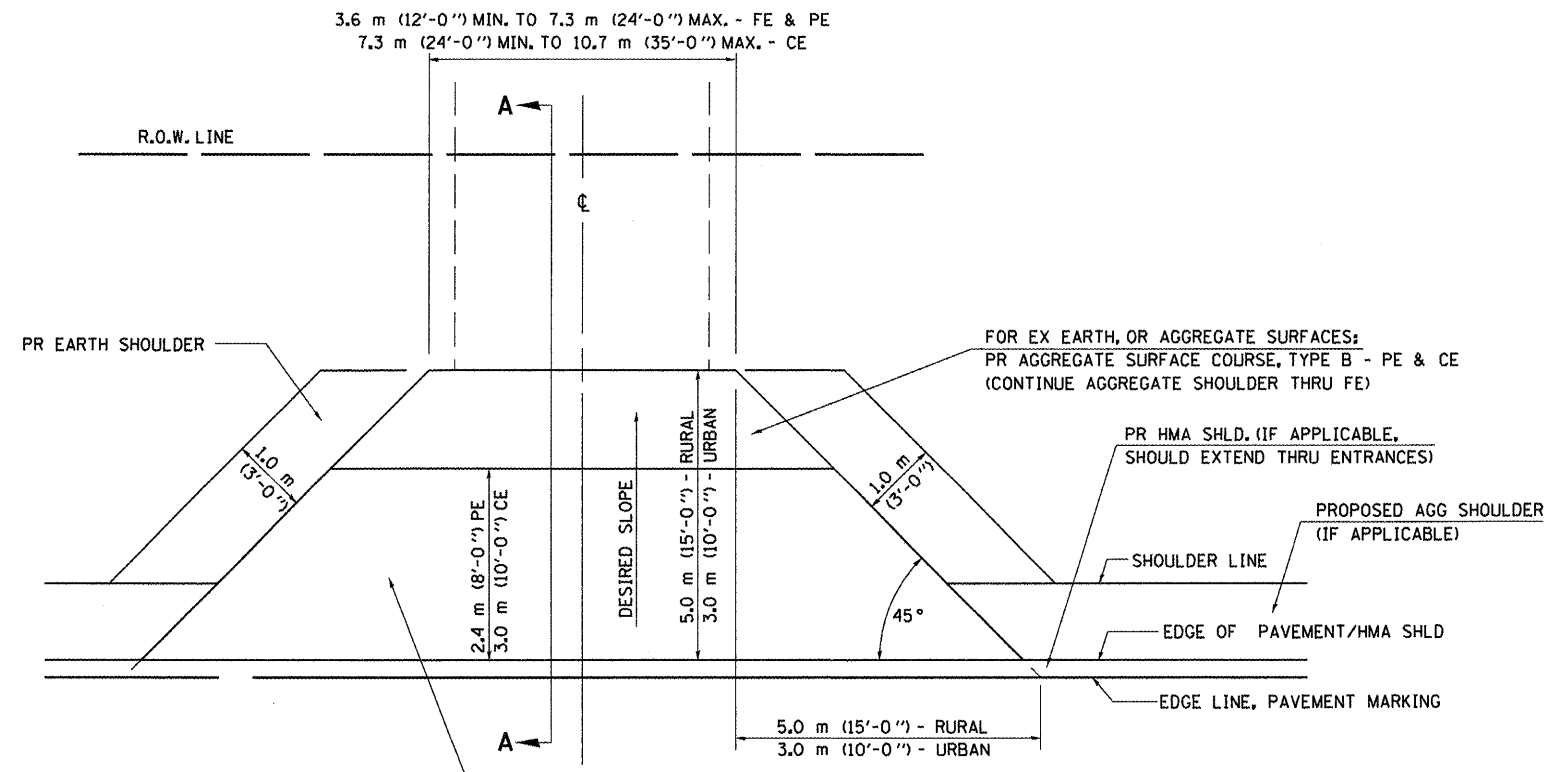
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

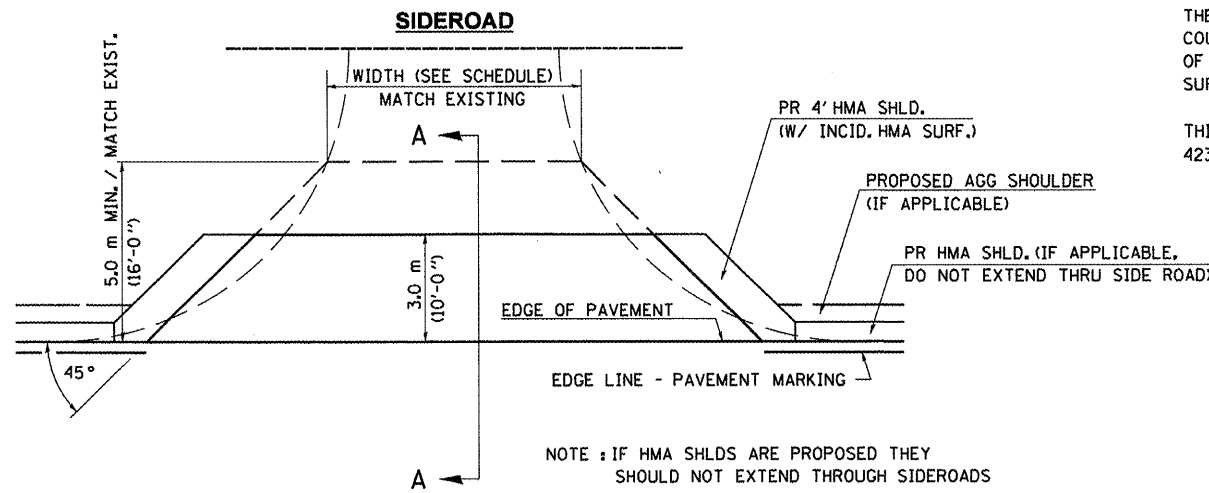
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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



NOTE: IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

FILE NAME =	USER NAME = laughlin-1	DESIGNED -	REVISED - 2/19/03 JCN
c:\pwwork\pwwork\laughlin-1\d215448\d215448.dgn	2C36-ent-detail.dgn	DRAWN - CADD	REVISED - 4/01/04 JCN
ENT PPP.DGN	PLOT SCALE = 288.0000' / in.	CHECKED - JCN	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

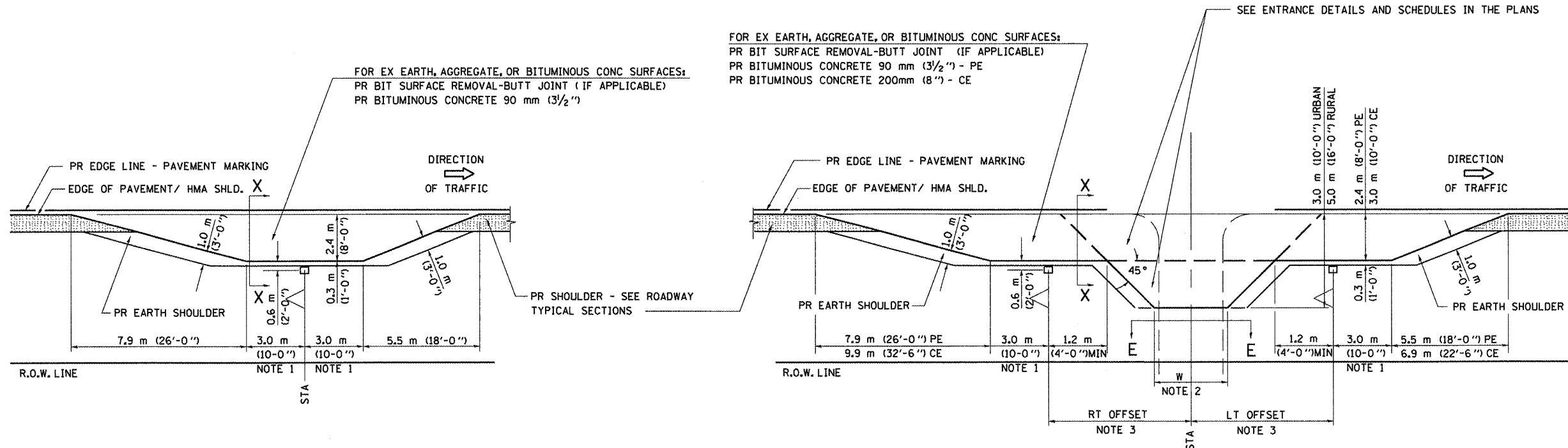
**DIST. 6 DETAILS FOR RURAL /URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W /O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

* FAP 765 & FAP 608
 ** SECTION 107RS-3, 107RS-1, 109RS-3

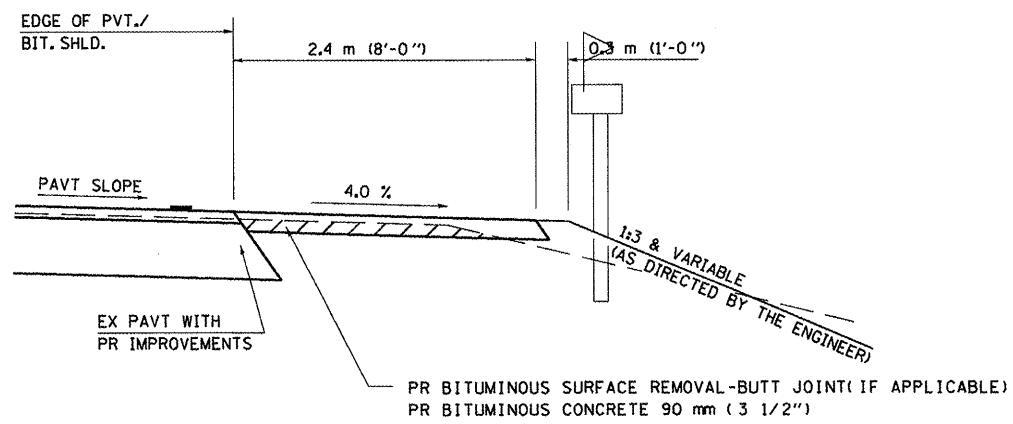
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	MACOUPIN	46	24
CONTRACT NO. 72C36			ILLINOIS FED. AID PROJECT	

DETAILS OF MAILBOX TURNOUTS



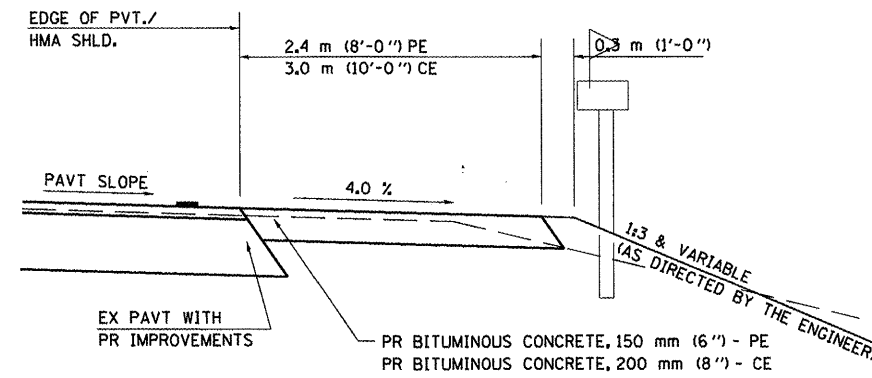
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
 IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
 IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

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

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03	JCN
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	PLOT DATE = Dec-17-2010 01:59:00PM	DATE - FEBRUARY 23, 1999	REVISED -	

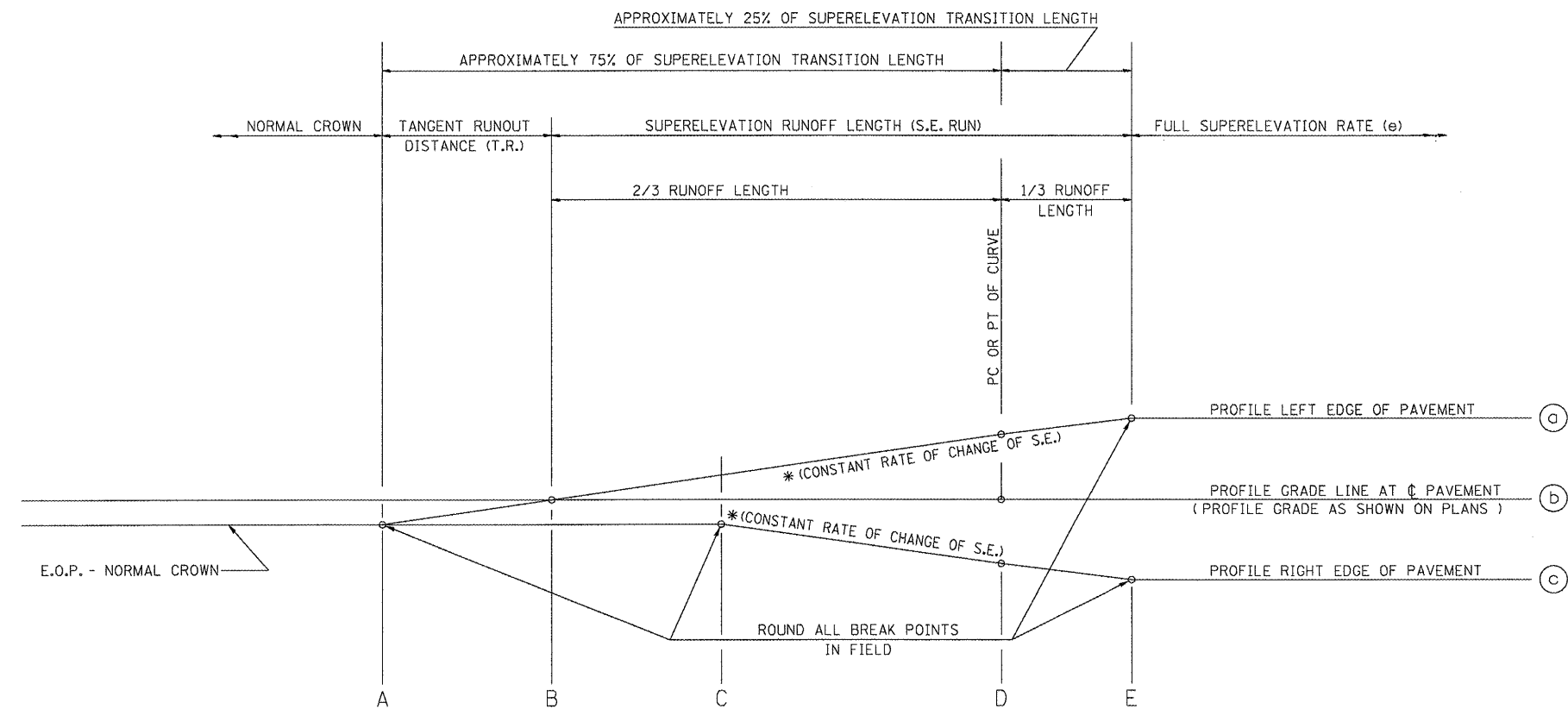
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
 TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

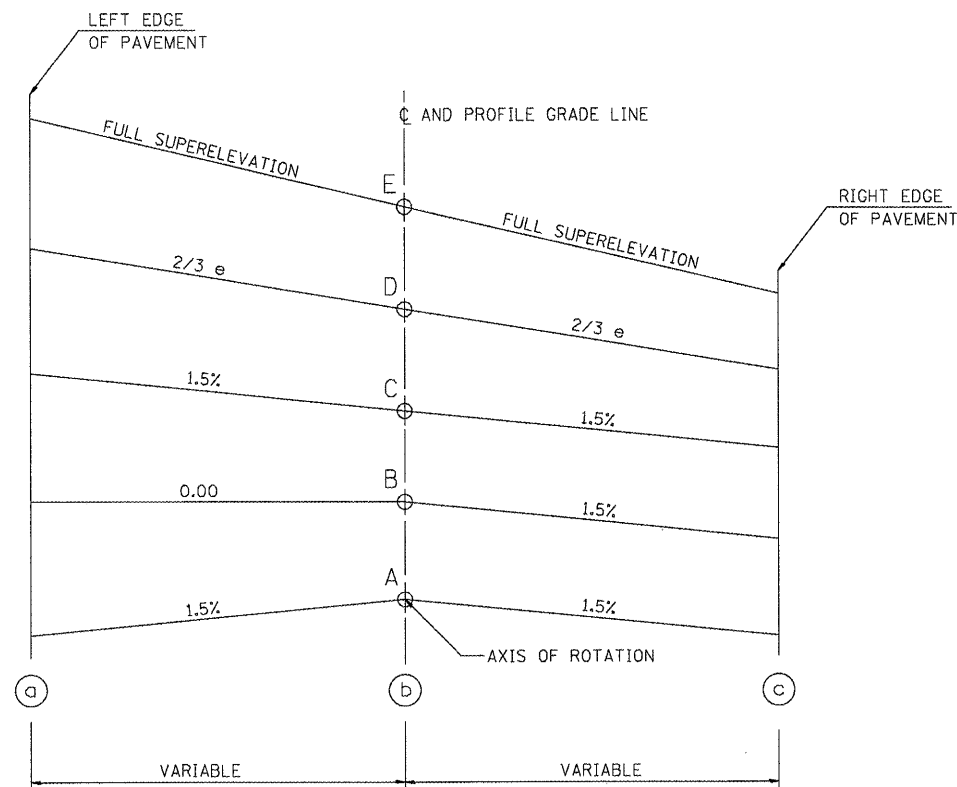
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			46	25
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 72C36				

* FAP 765 & FAP 608
 ** SECTION 107RS-3, 107RS-1, 109RS-3



SEE PLANS FOR CURVE DATA INFORMATION
 CURVE DATA
 P.I. STA=
 Δ =
 R=
 T=
 L=
 E=
 e= SUPERELEVATION RATE IN PERCENT
 T.R.= TANGENT RUNOUT DISTANCE
 S.E. RUN= SUPERELEVATION RUNOFF LENGTH
 P.C. STA=
 P.T. STA=

TYPICAL PROFILE - S.E. TRANSITION



TYPICAL CROSS SECTION - S.E. TRANSITION

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
117	8.30%	110+89.50	111+30.30	111+71.10	112+80.63	113+55.80	TRANS. IN
		122+55.96	122+15.16	121+74.36	120+64.83	119+89.66	TRANS. OUT
141	8.30%	134+69.15	135+09.95	135+50.75	136+60.28	137+35.45	TRANS. IN
		145+99.41	145+58.61	145+17.81	144+08.28	143+33.11	TRANS. OUT
195	1.25%	189+41.95	189+82.75	190+23.55	190+05.42	190+16.75	TRANS. IN
		202+02.19	201+61.39	201+20.59	201+38.72	201+27.39	TRANS. OUT
246	1.25%	241+36.47	241+77.27	242+18.07	241+99.94	242+11.27	TRANS. IN
		250+63.41	250+22.61	249+81.81	249+99.94	249+88.61	TRANS. OUT
313		P1 STA	313+00.00	NO	SUPERELEVATION		
328	1.25%	324+32.26	324+73.06	325+13.86	324+95.73	325+07.06	TRANS. IN
		333+53.00	333+12.20	332+71.40	332+89.53	332+78.20	TRANS. OUT
350	7.70%	343+52.04	343+92.84	344+33.64	345+32.31	346+02.04	TRANS. IN
		356+74.58	356+33.78	355+92.98	354+94.31	354+24.58	TRANS. OUT
368	7.00%	361+50.40	361+91.20	362+32.00	363+18.00	363+81.40	TRANS. IN
		374+55.60	374+14.80	373+74.00	372+88.00	372+24.60	TRANS. OUT
414	1.25%	403+37.89	403+78.69	404+19.49	404+01.36	404+12.69	TRANS. IN
		414+31.53	413+90.73	413+49.93	413+68.06	413+56.73	TRANS. OUT

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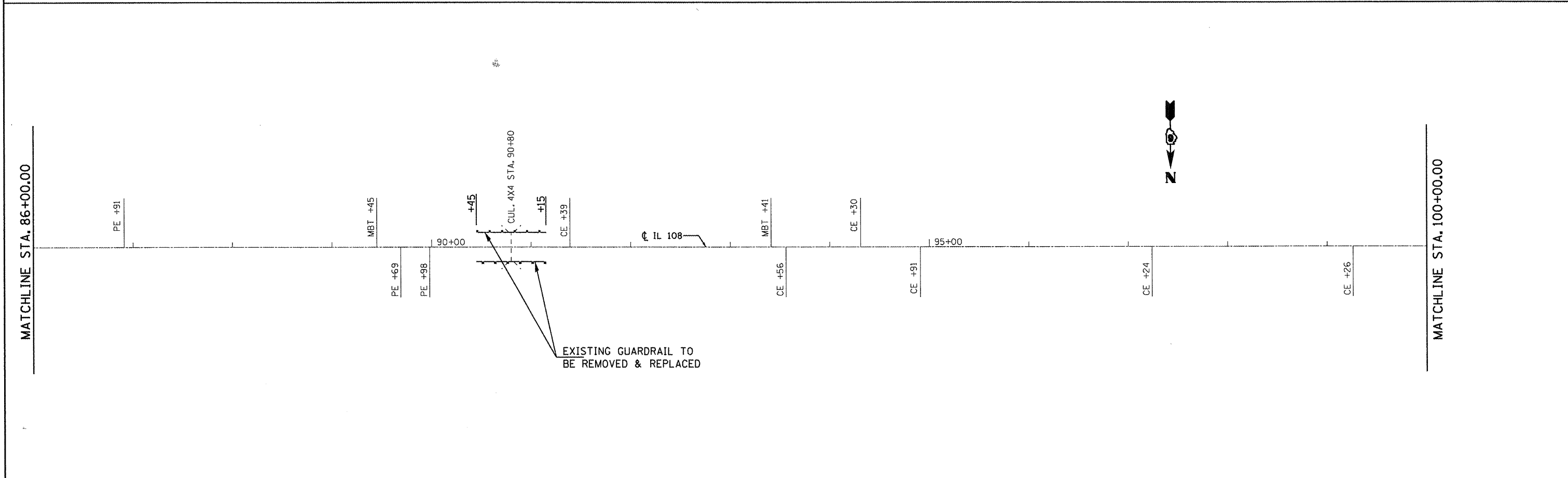
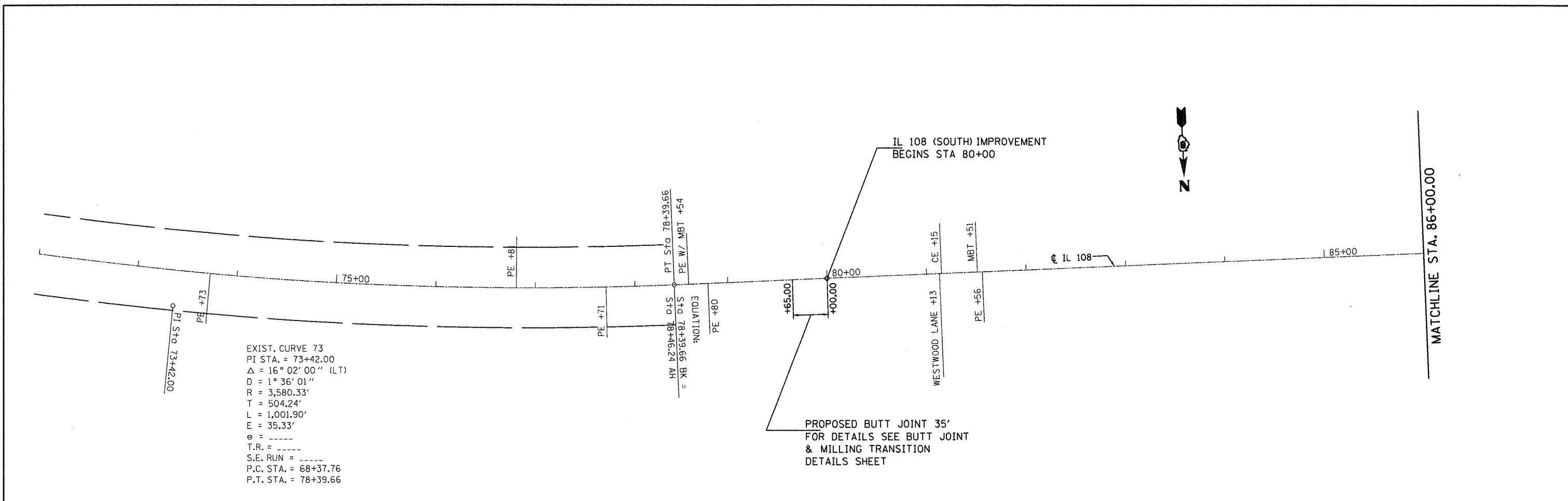
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION
 DETAIL FOR TWO LANE HIGHWAY

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

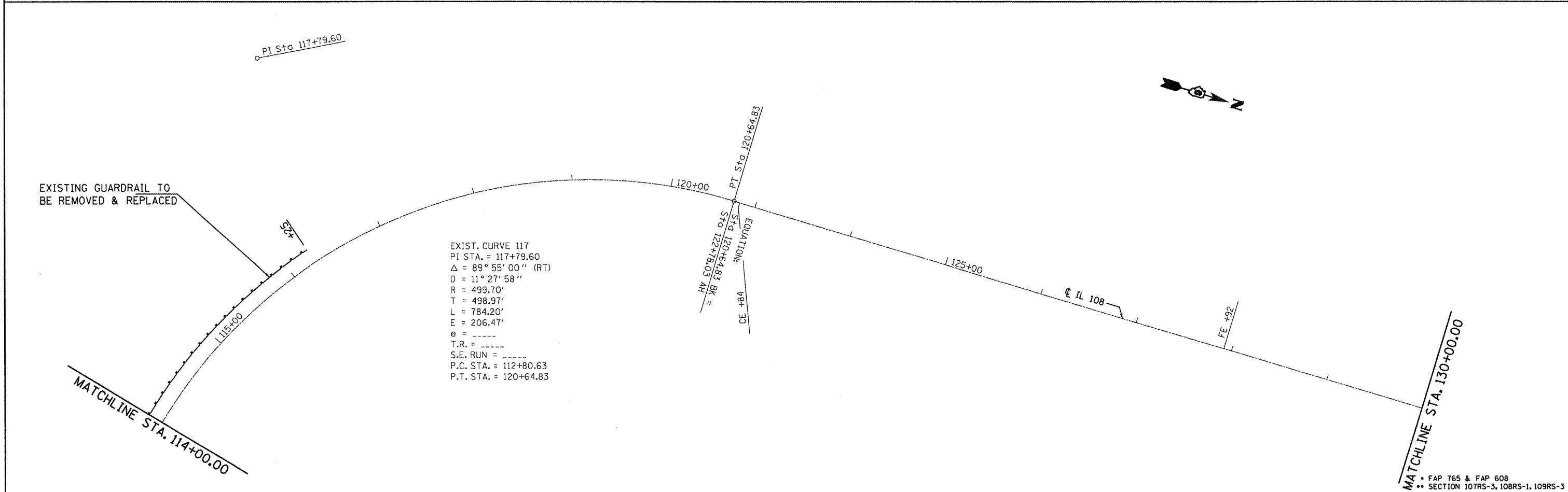
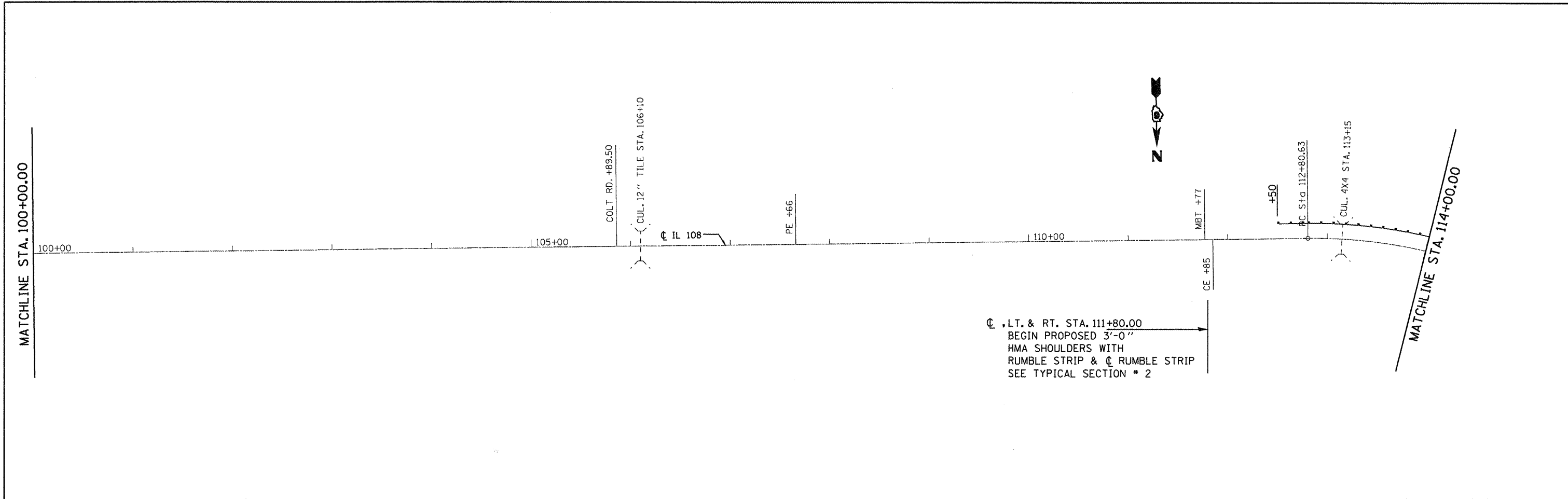
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	26
CONTRACT NO. 72C36				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

• FAP 765 & FAP 608
 •• SECTION 107RS-3, 107RS-1, 109RS-3

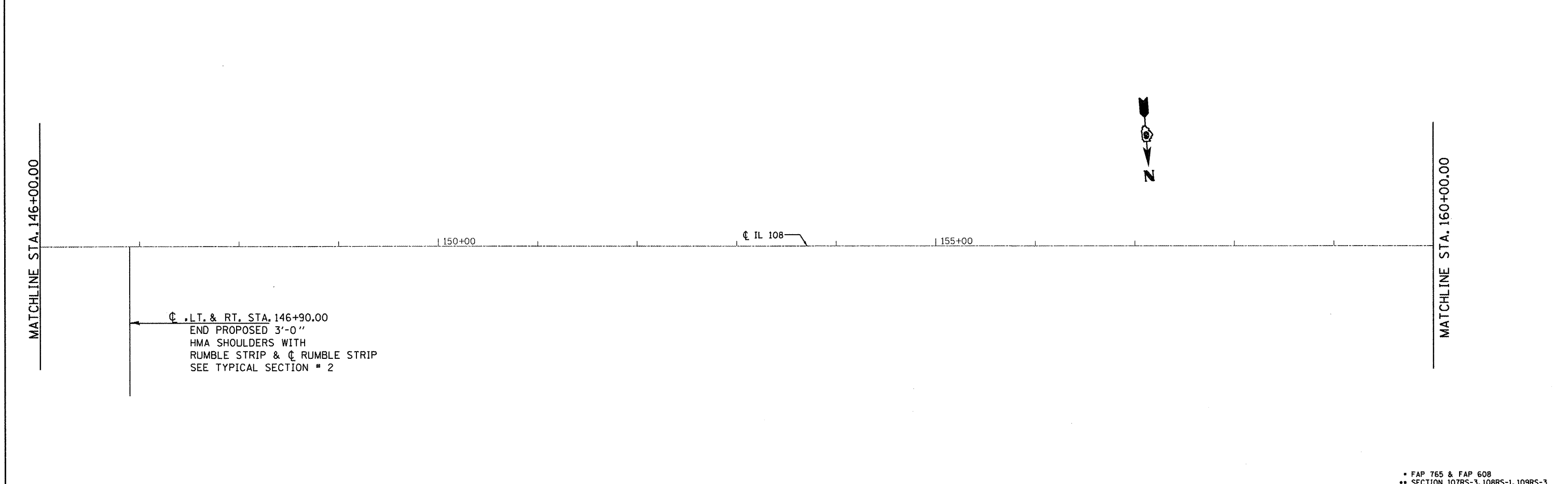
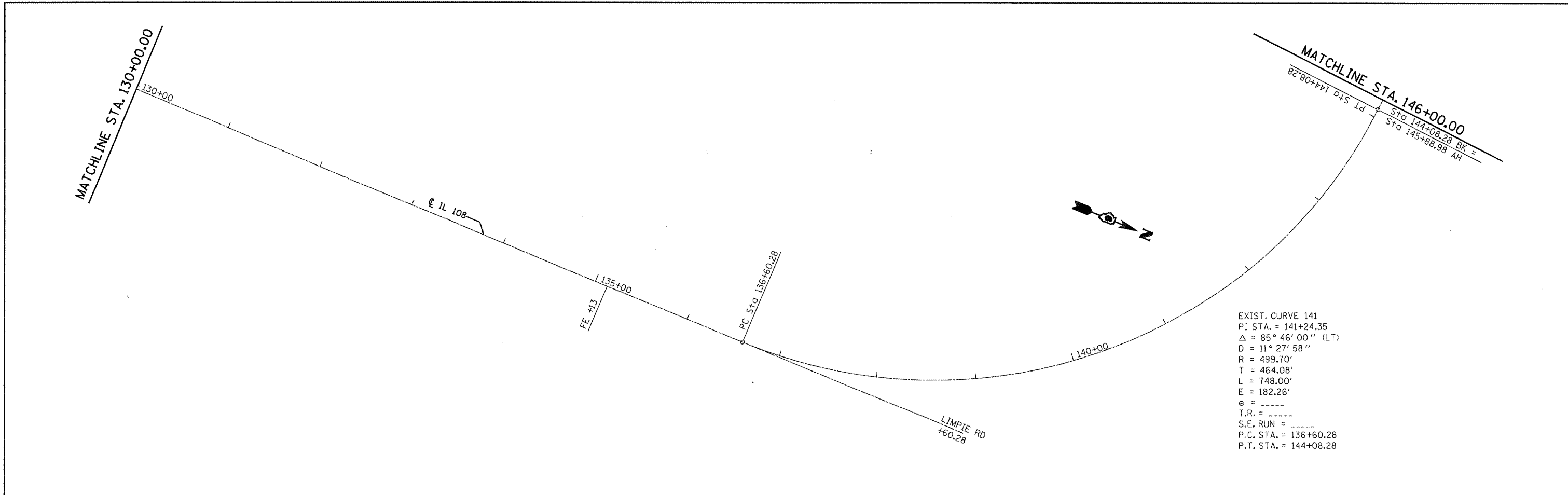


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PLOT DATE = Dec-17-2010 01:59:08PM	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. 72+00.00	TO STA. 100+00.00	CONTRACT NO. 72C36		
ILLINOIS FED. AID PROJECT												

• FAP 765 & FAP 608
 • SECTION 107RS-3, 108RS-1, 109RS-3



FILE NAME =	USER NAME = laughlin-1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Dec-17-2010 01:59:08PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS		STA. 100+00.00 TO STA. 130+00.00		



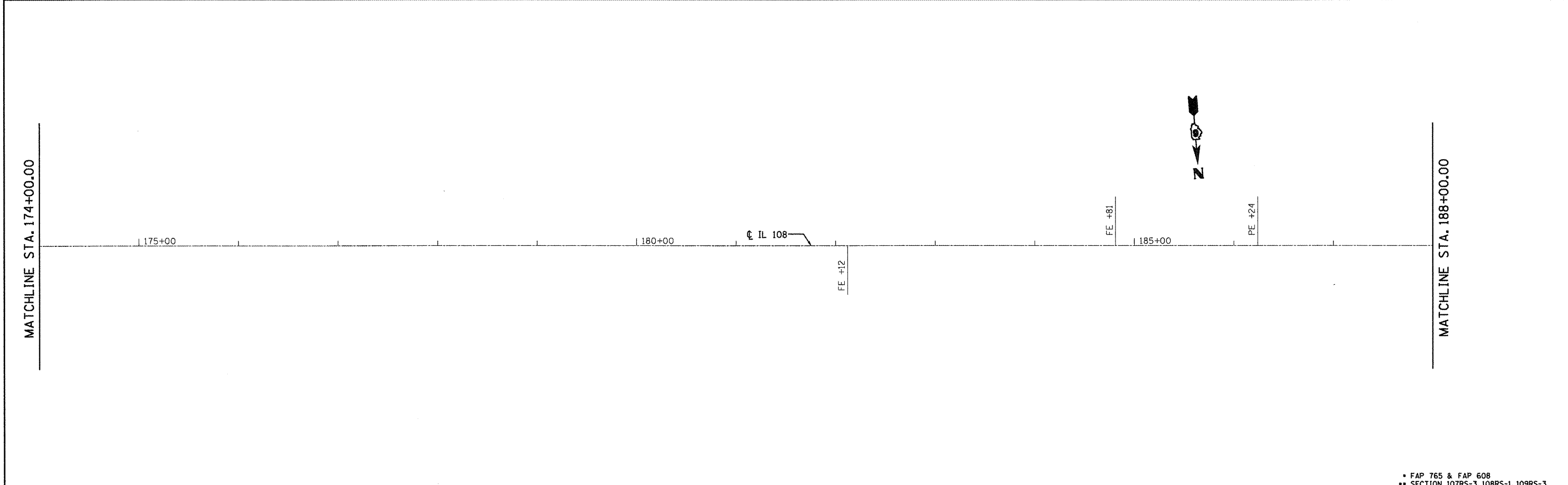
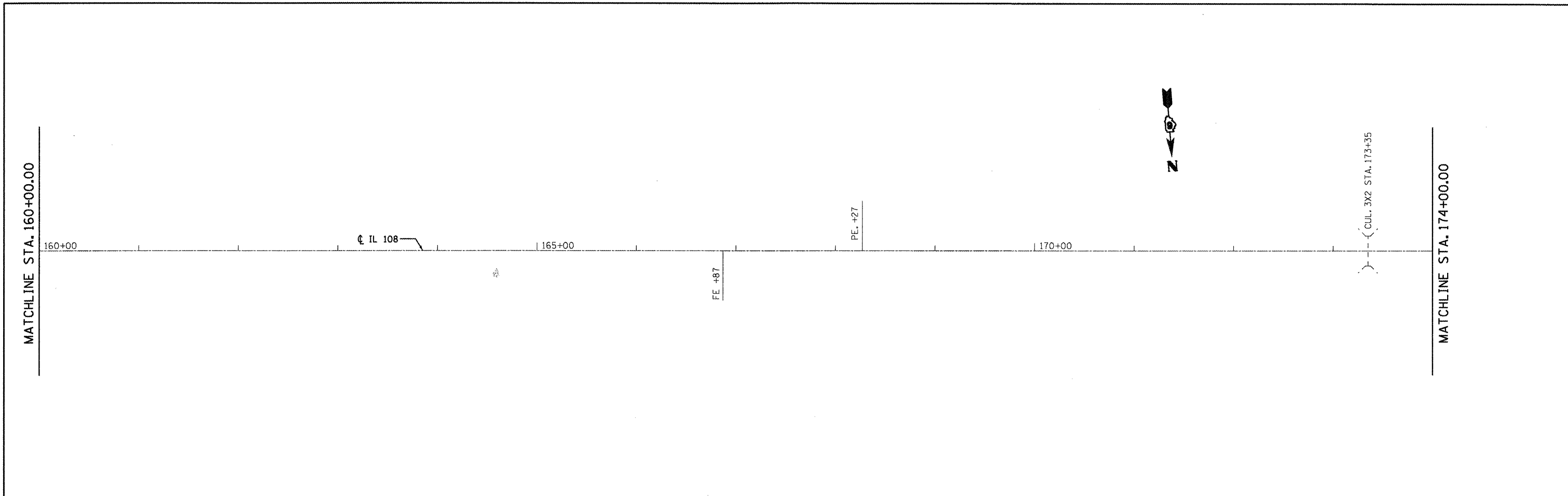
* FAP 765 & FAP 608
 ** SECTION 107RS-3, 108RS-1, 109RS-3

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 130+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	29
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



• FAP 765 & FAP 608
 ** SECTION 107RS-3, 108RS-1, 109RS-3

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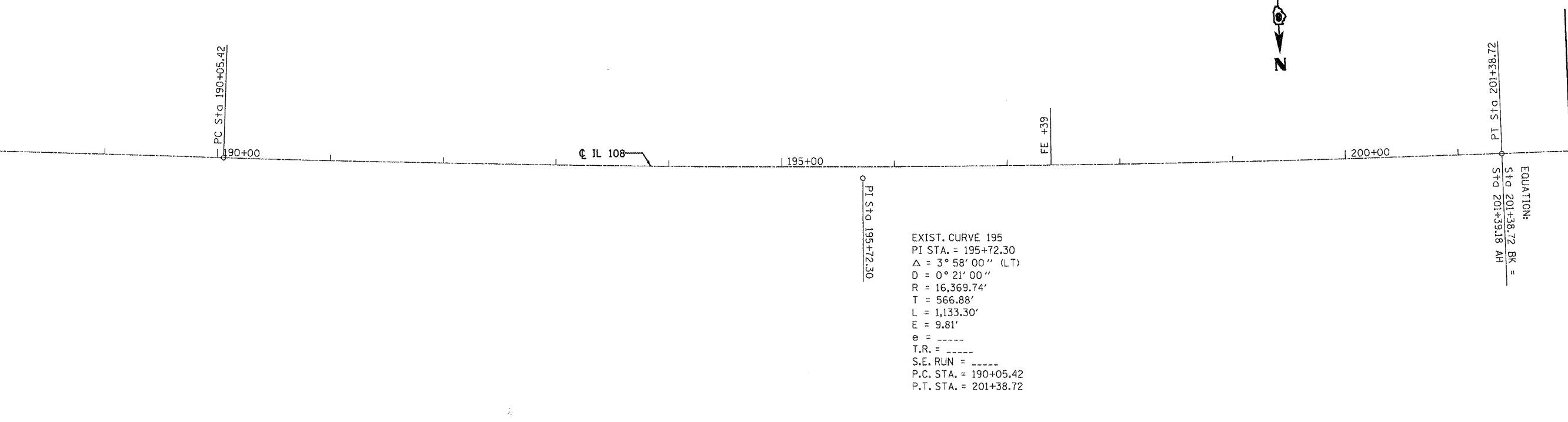
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN

SCALE: SHEET NO. OF SHEETS STA. 160+00.00 TO STA. 188+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	46	30
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 188+00.00

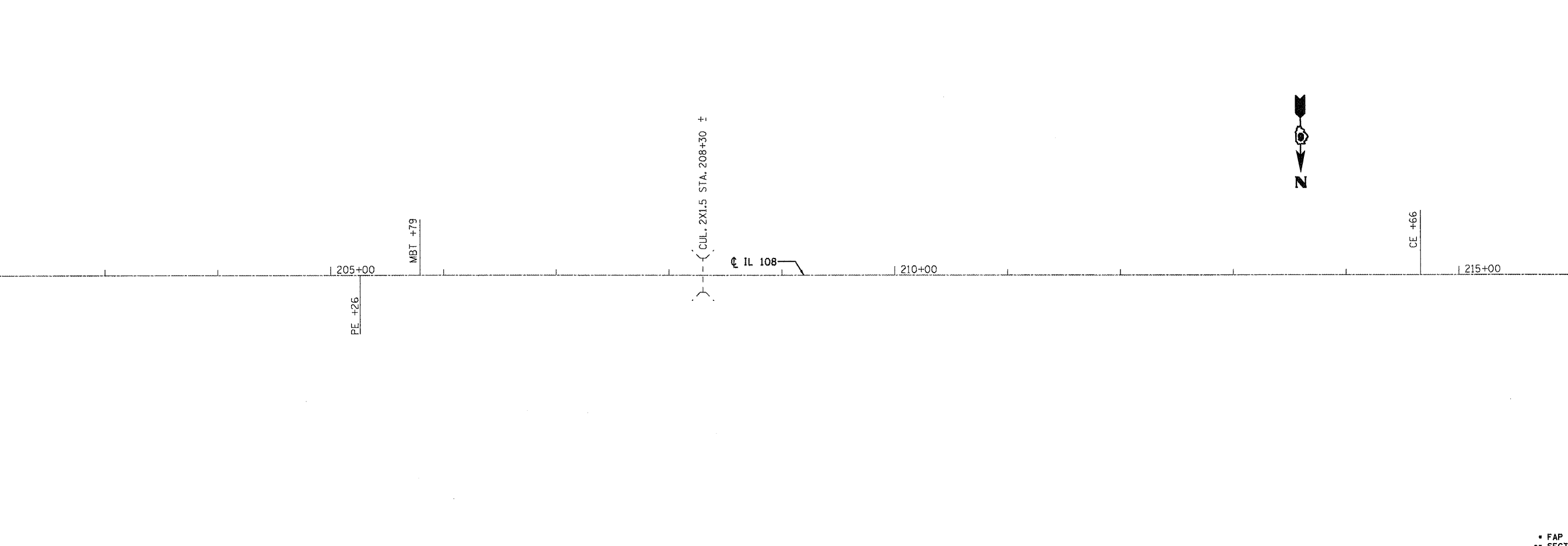


MATCHLINE STA. 202+00.00

EXIST. CURVE 195
 PI STA. = 195+72.30
 Δ = 3° 58' 00" (LT)
 D = 0° 21' 00"
 R = 16,369.74'
 T = 566.88'
 L = 1,133.30'
 E = 9.81'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 190+05.42
 P.T. STA. = 201+38.72

EQUATION:
 STA 201+38.72 BK =
 STD 201+39.18 AH

MATCHLINE STA. 202+00.00



MATCHLINE STA. 216+00.00

• FAP 765 & FAP 608
 • SECTION 107RS-3, 108RS-1, 109RS-3

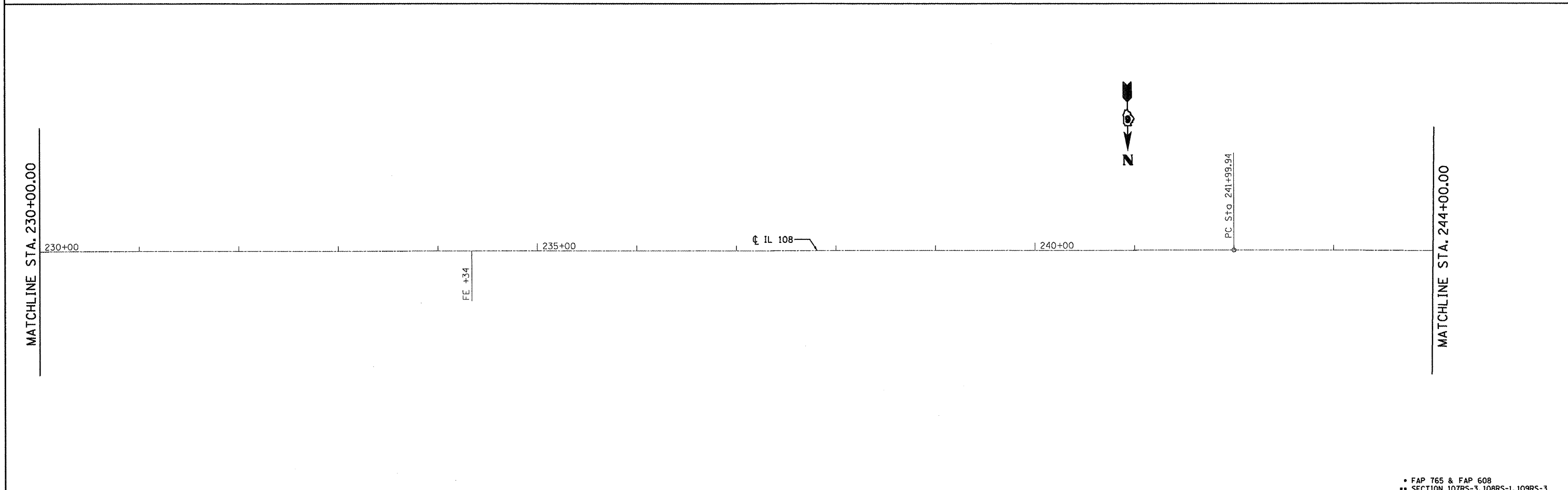
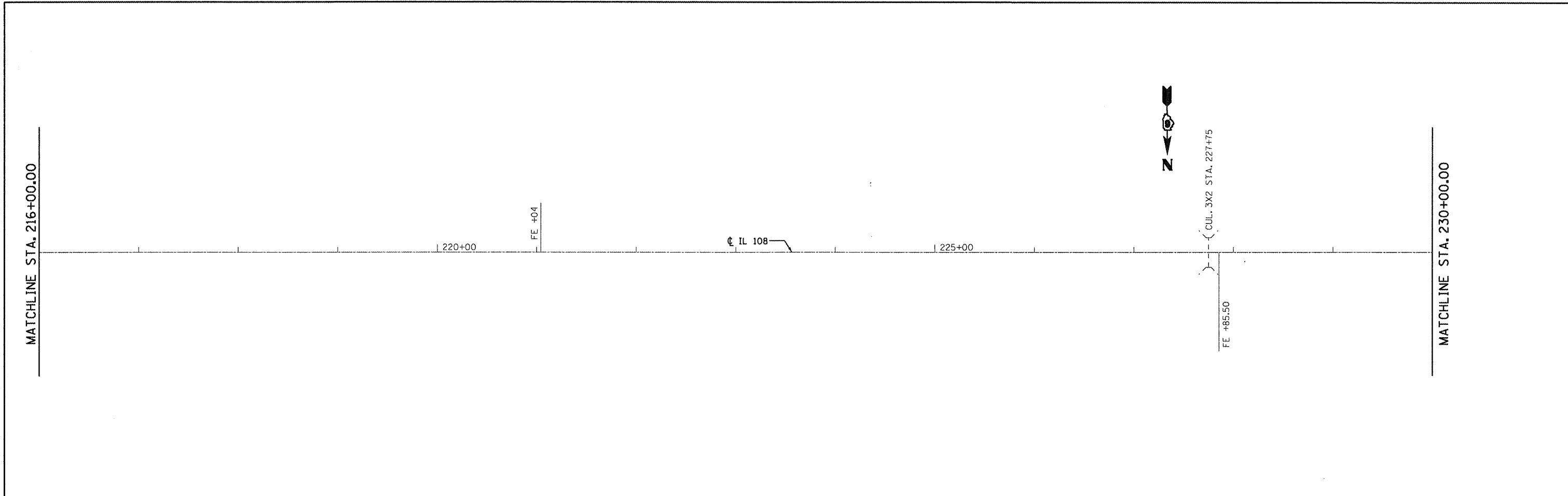
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN

SCALE: SHEET NO. OF SHEETS STA. 188+00.00 TO STA. 216+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	31
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



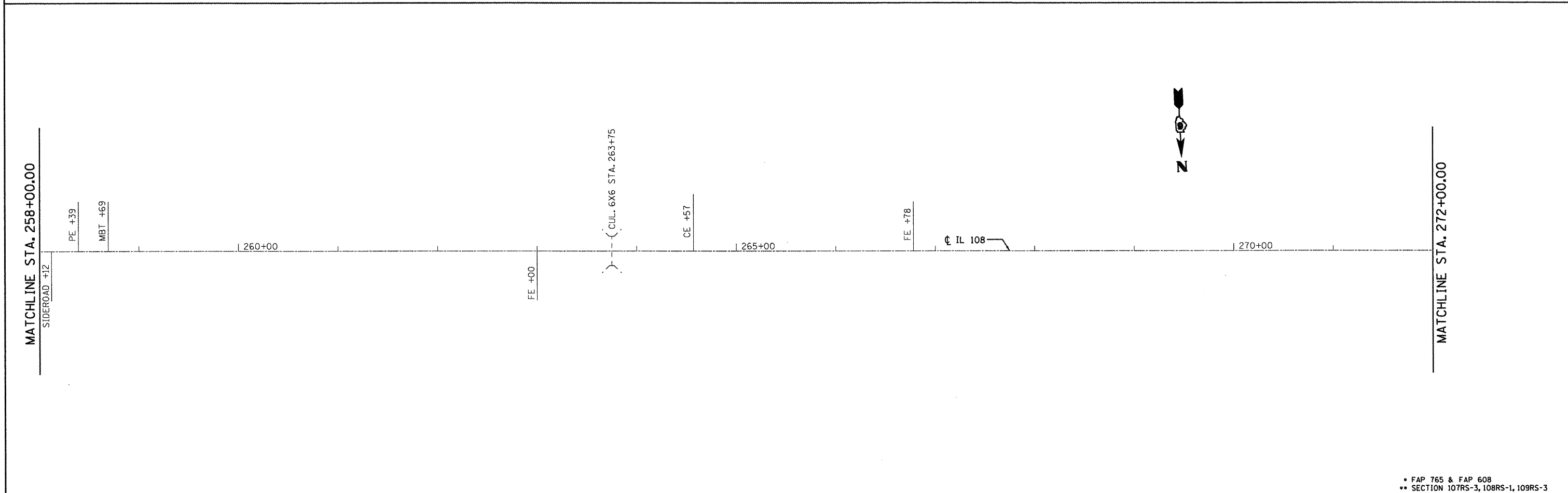
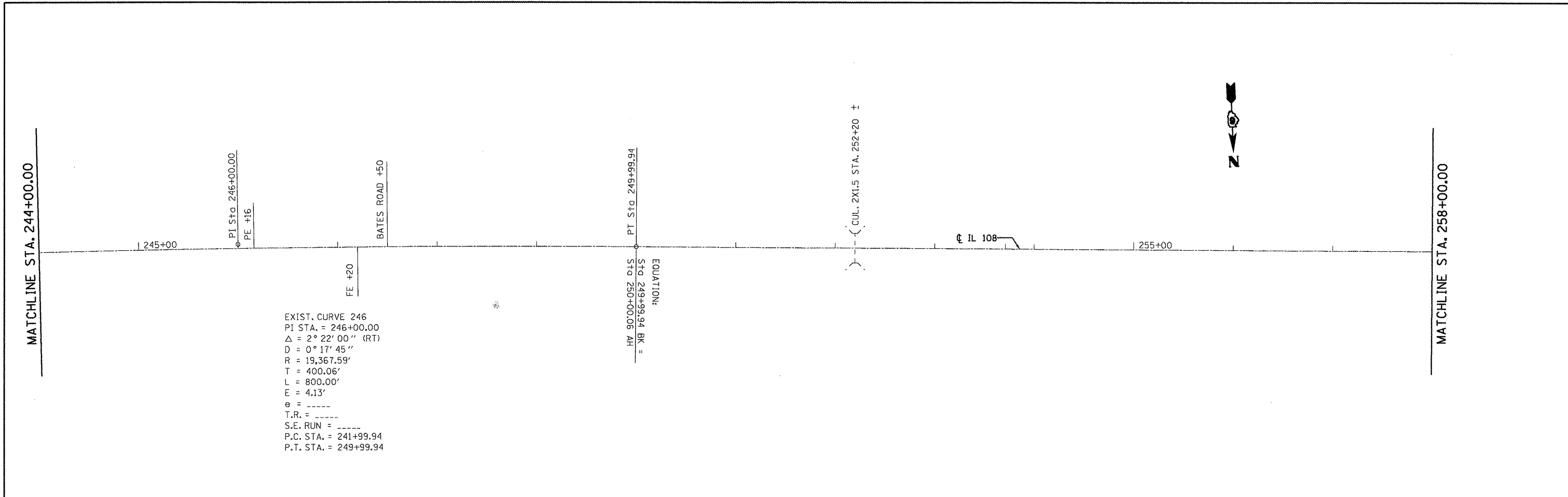
* FAP 765 & FAP 608
 ** SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
c:\pwork\pwork\laughlinr1\d0215448\06	C36-shr-plan-IL108@outh.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Dec-17-2010 01:59:11PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 216+00.00 TO STA. 244+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	32
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



• FAP 765 & FAP 608
 • SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME = c:\pwwork\pwwork\laughlin\1\d0215448\06	USER NAME = laughlin-1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1/8" = 100.0000' / in.	DRAWN -	REVISED -			*	**	MACOUPIN	46	33	
	PLOT DATE = Dec-17-2010 01:59:11PM	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 244+00.00 TO STA. 272+00.00	CONTRACT NO. 72C36		
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

MATCHLINE STA. 272+00.00

COMER ROAD +34.50
FE +42

275+00

IL 108

280+00

CE +00
MBT +78

CUL. 2X2 STA. 283+08

285+00

MATCHLINE STA. 286+00.00



MATCHLINE STA. 286+00.00

FE +58

290+00

IL 108

295+00

MATCHLINE STA. 300+00.00



* FAP 765 & FAP 608
** SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME =	USER NAME = laughlin-1	DESIGNED -	REVISED -
c:\pwork\pwork\laughlin-1\d0215448\06	C36-shtrplan-IL108@south.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Dec-17-2010 01:59:12PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN	
SCALE:	SHEET NO. OF SHEETS STA. 272+00.00 TO STA. 300+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	34
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 313
 PI STA. = 313+00.00
 $\Delta = 0^\circ 54' 00''$ (RT)
 $D = 0^\circ 05' 24''$
 $R = 63,660.67'$
 $T = 500.00'$
 $L = 999.98'$
 $E = 1.96'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 308+00.00$
 $P.T. \text{ STA.} = 317+99.98$



MATCHLINE STA. 300+00.00

300+00
 MBT +39

PE +95

305+00

IL 108

CUL. 2X2 STA. 307+95)
 P.C. Sta. 308+00.00

310+00

CE +82

PI Sta 313+00.00

MATCHLINE STA. 314+00.00

MATCHLINE STA. 314+00.00

315+00

PT Sta 317+99.98

320+00

IL 108

MBT +17

PE +68

PC Sta 324+95.73

325+00



CUL. 3X2 STA. 326+45

MATCHLINE STA. 328+00.00

* FAP 765 & FAP 608
 ** SECTION 10TRS-3, 108RS-1, 109RS-3

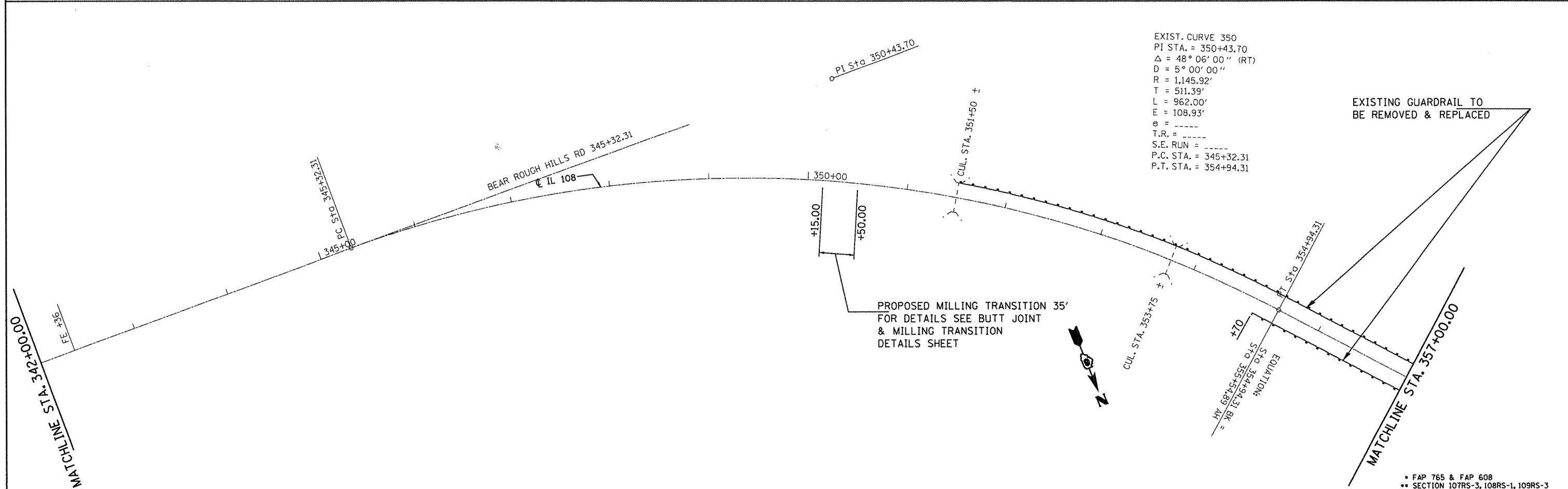
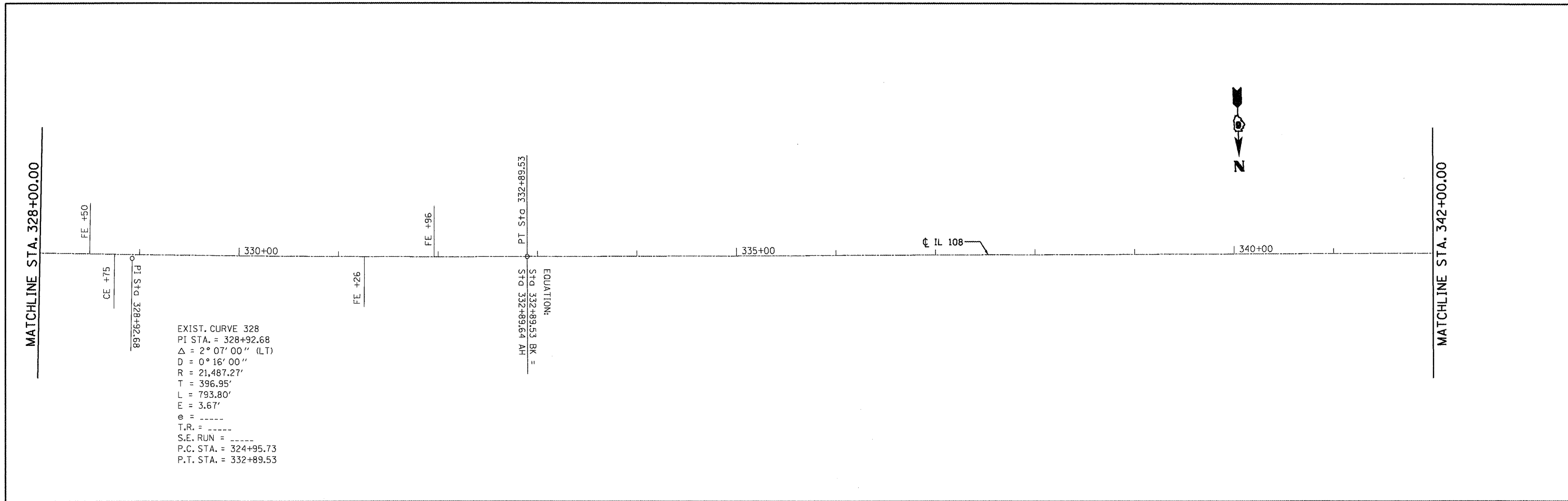
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	PLOT DATE = Dec-17-2010 01:59:12PM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

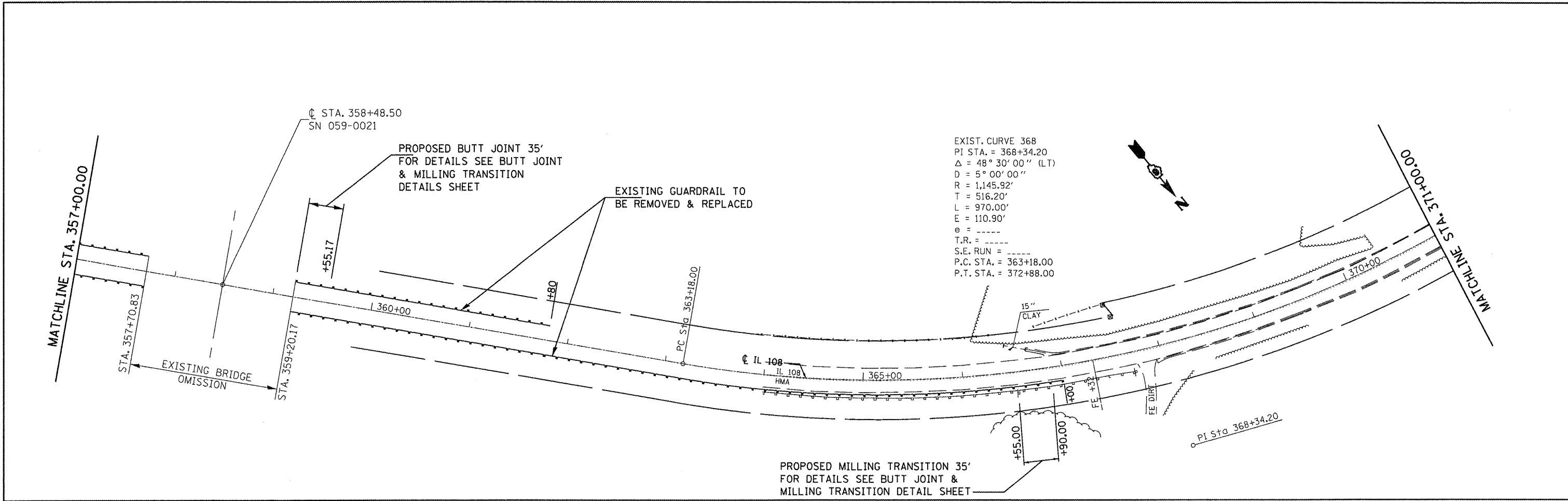
IL 108 PLAN

SCALE: SHEET NO. OF SHEETS STA. 300+00.00 TO STA. 328+00.00

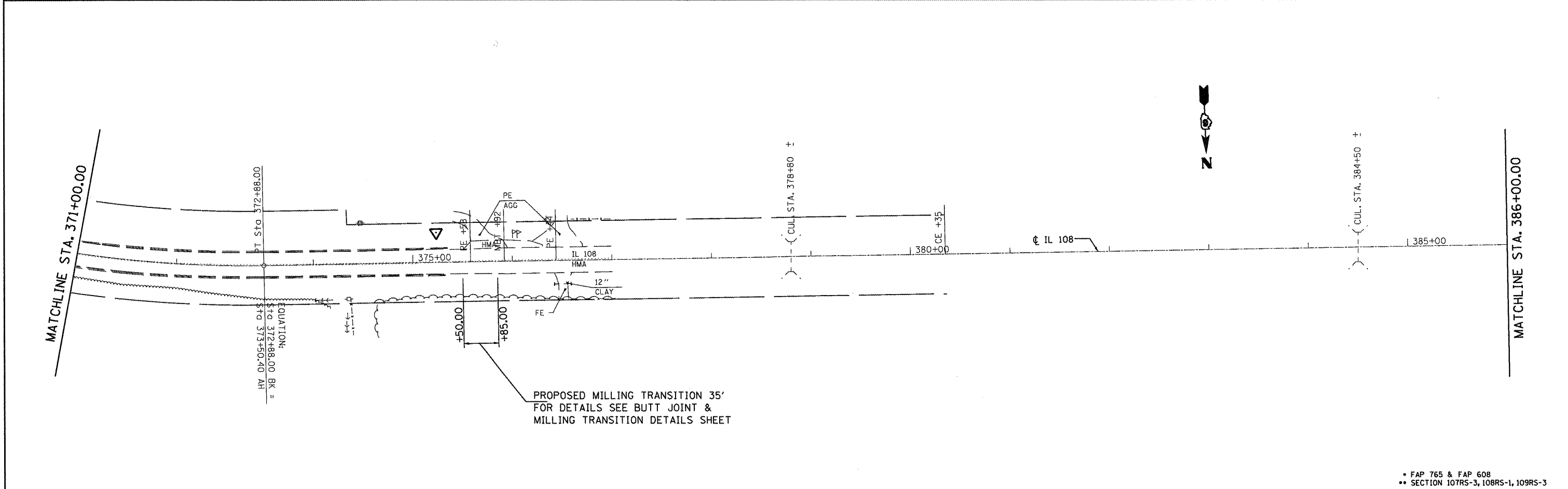
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	35
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwidot\laughlinr1\0215448\06	C36-shr-plan-IL108south.dgn	DRAWN -	REVISED -					•	••	MACOUPIN	46	36
PLLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 72C36				
PLLOT DATE = Dec-17-2010 01:59:13PM	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				



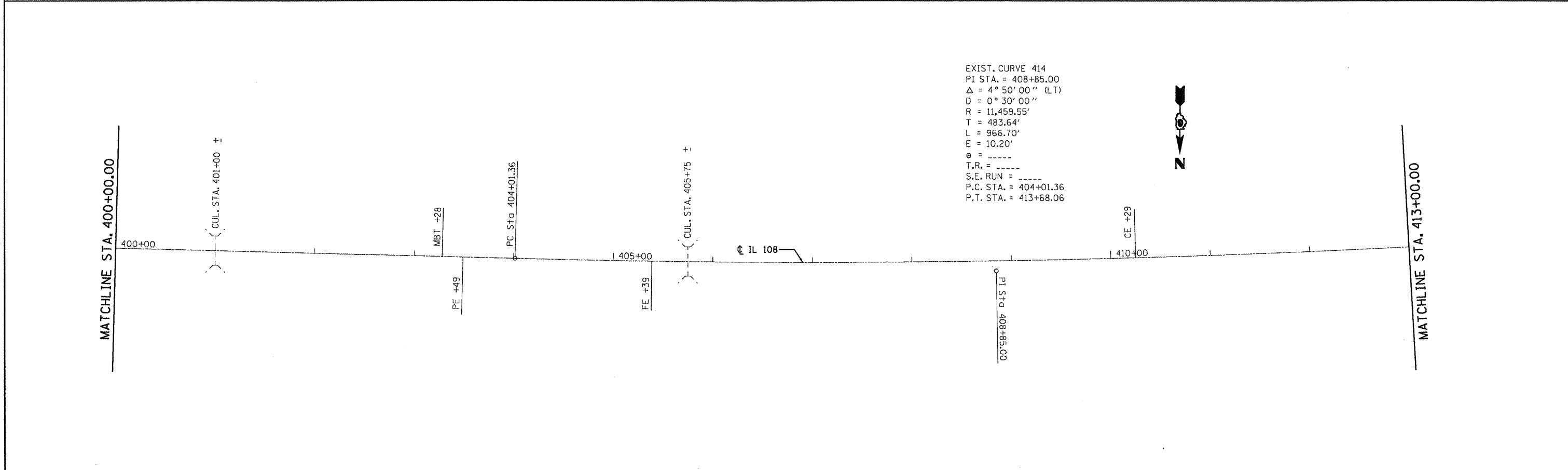
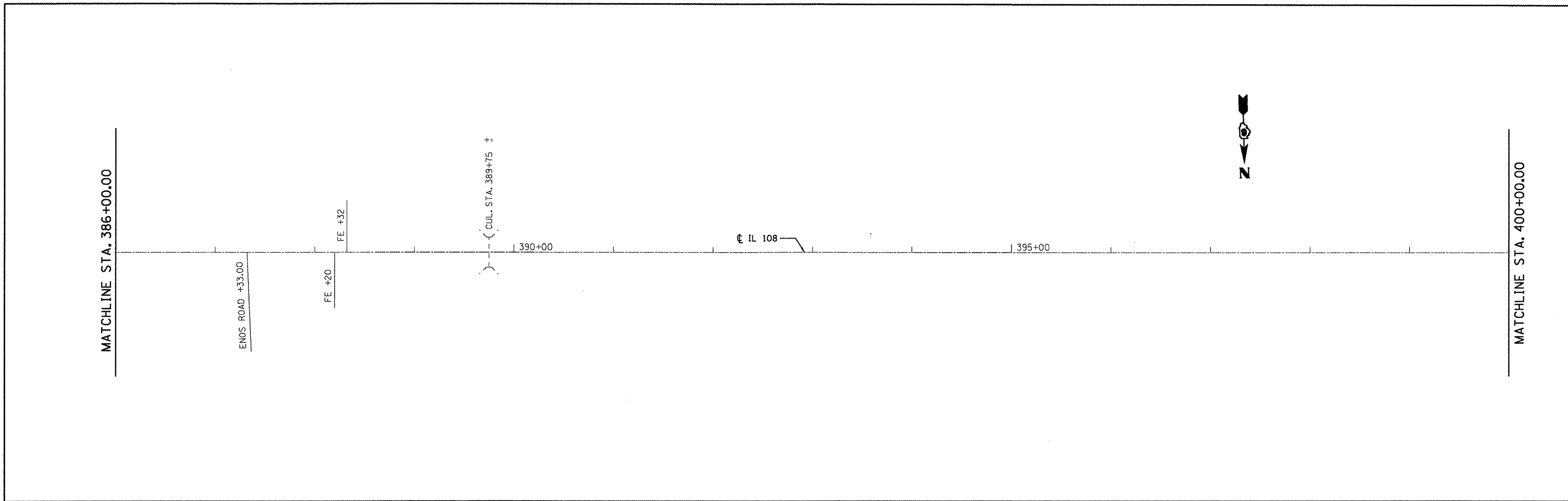
EXIST. CURVE 368
 PI STA. = 368+34.20
 $\Delta = 48^\circ 30' 00''$ (L.T.)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 516.20'$
 $L = 970.00'$
 $E = 110.90'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 363+18.00$
 $P.T. STA. = 372+88.00$



PROPOSED MILLING TRANSITION 35'
 FOR DETAILS SEE BUTT JOINT &
 MILLING TRANSITION DETAILS SHEET

FILE NAME =	USER NAME = leughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\leughlinr1\0215448\06	C36-shr-plan-IL108south.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. 357+00.00 TO STA. 386+00.00	•	**	MACOUPIN	46	37
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 72C36		
	PLOT DATE = Dec-17-2018 01:59:13PM	DATE -	REVISED -								ILLINOIS FED. AID PROJECT		

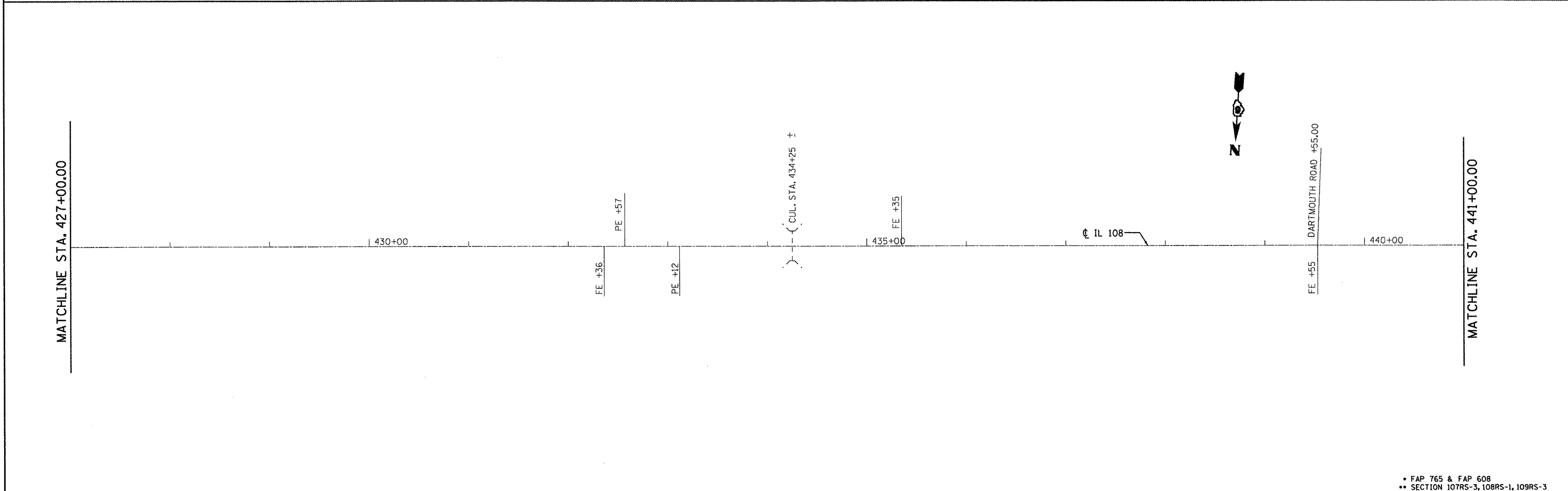
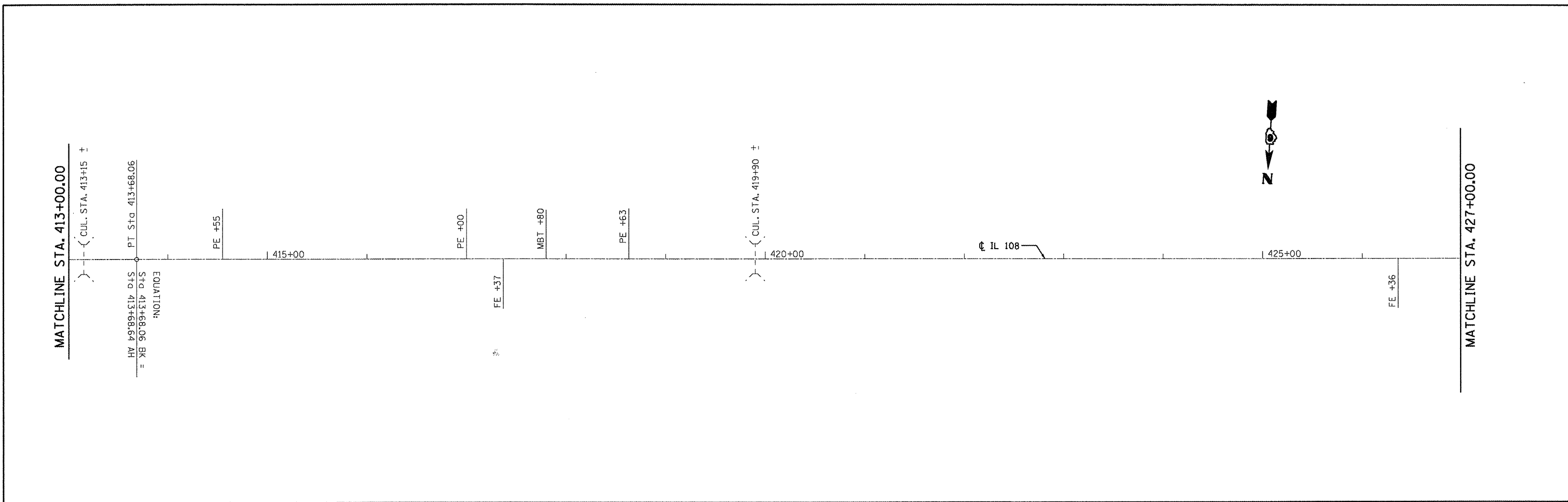
• FAP 765 & FAP 608
 ** SECTION 10TRS-3, 10BRS-1, 109RS-3



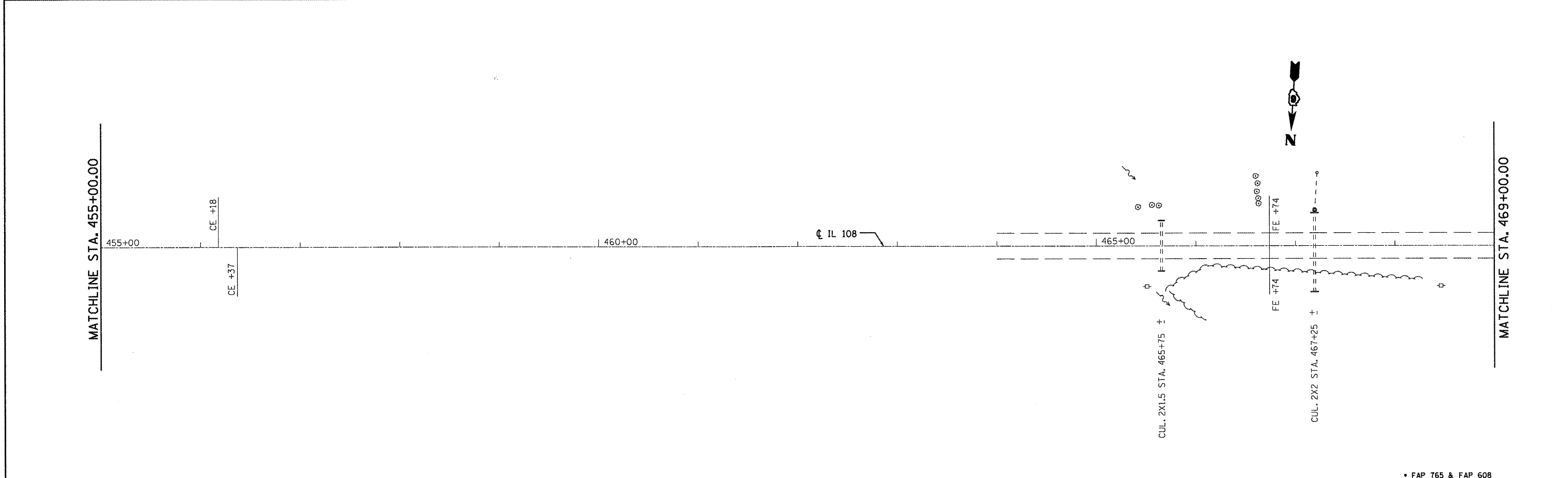
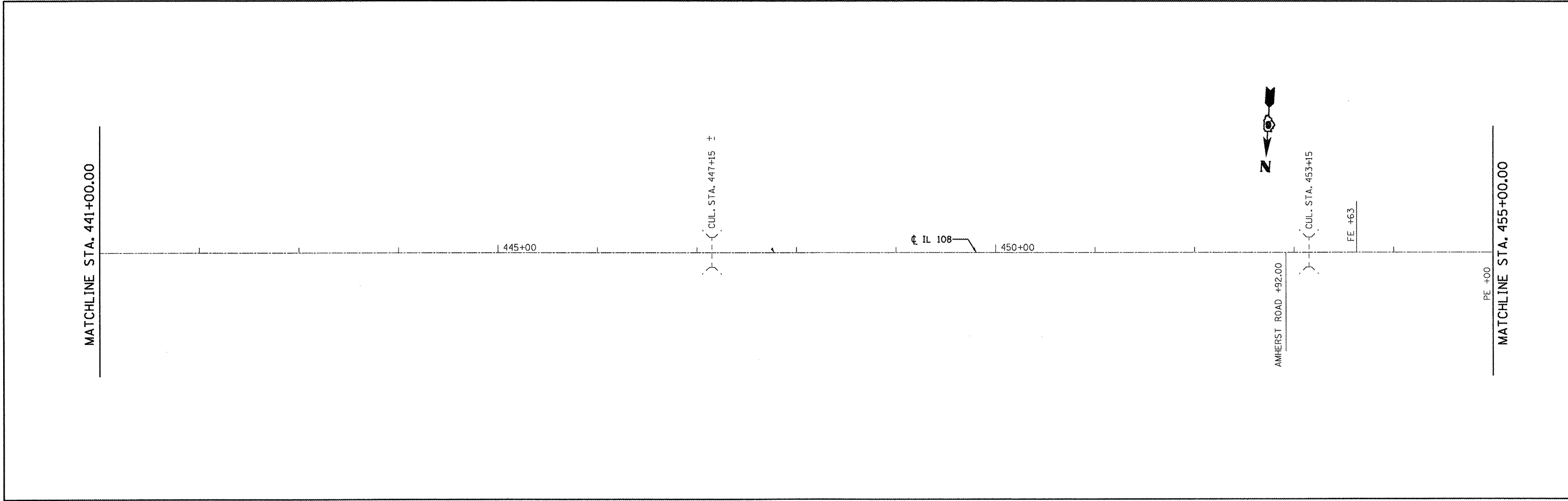
EXIST. CURVE 414
 PI STA. = 408+85.00
 $\Delta = 4^\circ 50' 00''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.55'$
 $T = 483.64'$
 $L = 966.70'$
 $E = 10.20'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 404+01.36$
 $P.T. STA. = 413+68.06$

FILE NAME = c:\pwork\pwork\pwork\laughlin\1d8215448\06	USER NAME = laughlin-1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 20' / 1" in.	CHECKED -	REVISED -					•	••	MACOUPIN	46	38
PLOT DATE = Dec-17-2018 01:59:14PM	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. 386+00.00 TO STA. 413+00.00	CONTRACT NO. 72C36			
								ILLINOIS FED. AID PROJECT				

• FAP 765 & FAP 608
 •• SECTION 107RS-3, 108RS-1, 109RS-3



FILE NAME = c:\pwork\pwork\loughlin\1\0215448\06	USER NAME = loughlin1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 108 PLAN	SCALE:	SHEET NO. OF SHEETS	STA. 413+00.00 TO STA. 441+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 100.0000' / 1"	DRAWN -	REVISED -						* FAP 765 & FAP 608 ** SECTION 107RS-3, 108RS-1, 109RS-3	MACOUPIN	46	39	
	PLOT DATE = Dec-17-2018 01:59:14PM	CHECKED -	REVISED -						CONTRACT NO. 72C36				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughtinr1	DESIGNED -	REVISED -
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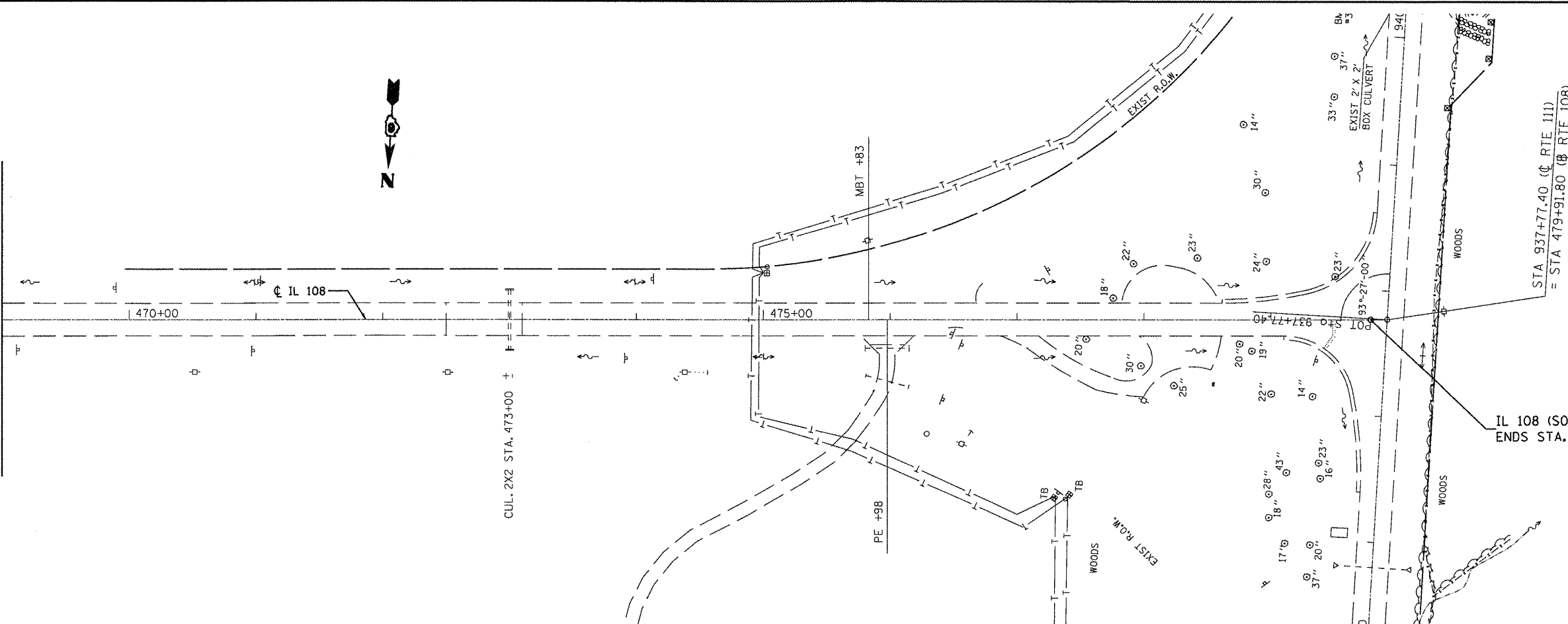
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 108 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 441+00.00 TO STA. 469+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	46	40
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

* FAP 765 & FAP 608
** SECTION 107RS-3, 108RS-1, 109RS-3

MATCHLINE STA. 469+00.00



STA. 937+77.40 (C. RTE 111)
= STA. 479+91.80 (C. RTE 108)

IL 108 (SOUTH) IMPROVEMENT
ENDS STA. 479+78.80

BM #3 - CHSLO " " IN CONC HDW
STA. 940+17.8, 38" LT. ELEV. 594.50
(ELEV. 594.50 IS FROM SURVEY BKS
FOR RTE 111 - SOUTH OF RTE 108
EAST TO CARLINVILLE)

• FAP 765 & FAP 608
** SECTION 10TRS-3, 10BRS-1, 109RS-3

FILE NAME = c:\pwork\pwork\laughlin\ld0215448\06	USER NAME = laughlin-1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

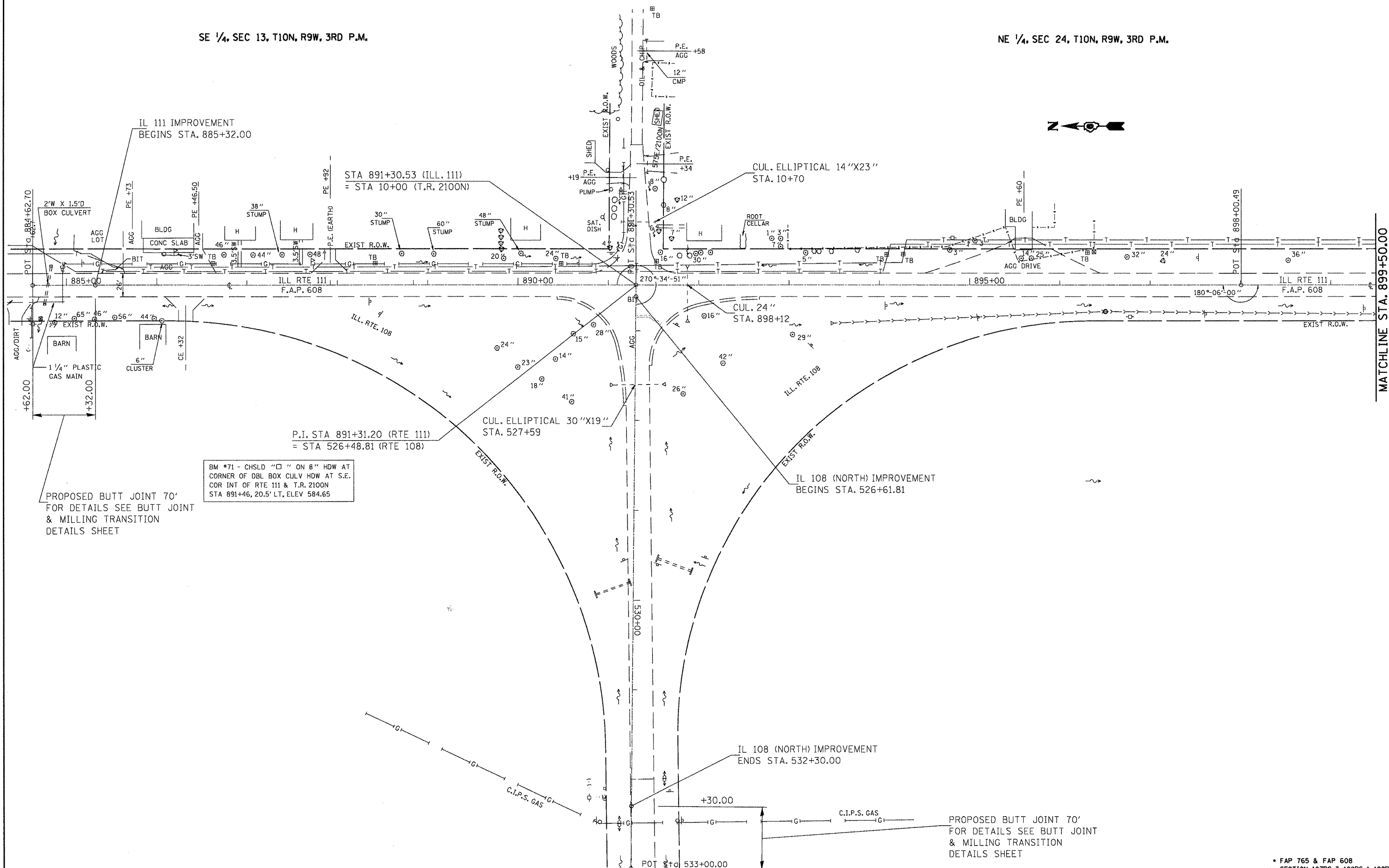
IL 108 PLAN

SCALE: SHEET NO. OF SHEETS STA. 469+00.00 TO STA. 479+91.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	41
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

SE 1/4, SEC 13, T10N, R9W, 3RD P.M.

NE 1/4, SEC 24, T10N, R9W, 3RD P.M.



PROPOSED BUTT JOINT 70'
FOR DETAILS SEE BUTT JOINT
& MILLING TRANSITION
DETAILS SHEET

BM #71 - CHSLD "□" ON 8" HDW AT
CORNER OF DBL BOX CULV HDW AT S.E.
COR INT OF RTE 111 & T.R. 2100N
STA 891+46, 20.5' LT, ELEV 584.65

PROPOSED BUTT JOINT 70'
FOR DETAILS SEE BUTT JOINT
& MILLING TRANSITION
DETAILS SHEET

• FAP 765 & FAP 608
•• SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME =	USER NAME = laughtinr1	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
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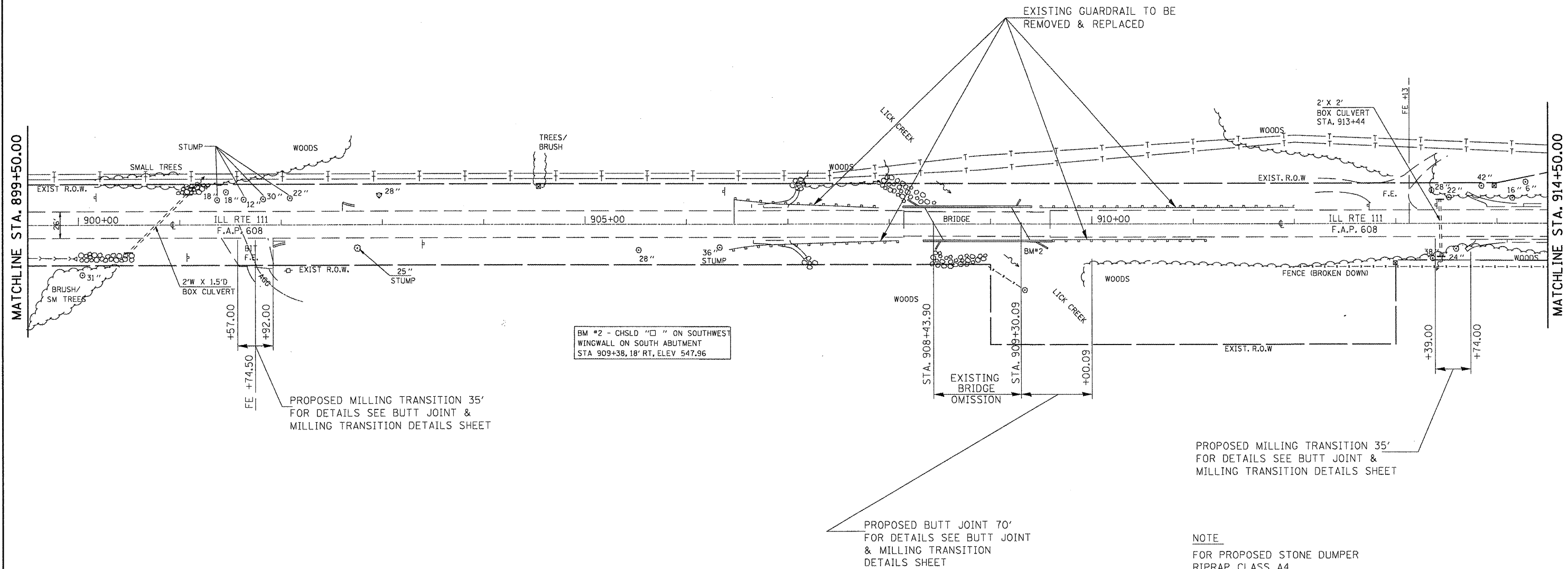
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 111 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 884+62.00 TO STA. 899+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MACOUPIN	46	42
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



NE 1/4, SEC 24, T10N, R9W, 3RD P.M.



BM #2 - CHSLD "□" ON SOUTHWEST WINGWALL ON SOUTH ABUTMENT STA 909+38, 18' RT, ELEV 547.96

PROPOSED MILLING TRANSITION 35' FOR DETAILS SEE BUTT JOINT & MILLING TRANSITION DETAILS SHEET

PROPOSED MILLING TRANSITION 35' FOR DETAILS SEE BUTT JOINT & MILLING TRANSITION DETAILS SHEET

PROPOSED BUTT JOINT 70' FOR DETAILS SEE BUTT JOINT & MILLING TRANSITION DETAILS SHEET

NOTE
FOR PROPOSED STONE DUMPER RIPRAP, CLASS A4 AT SOUTHEAST CORNER AND EXPANSION JOINT REPAIRS TO SN 059-0013 SEE EXPANSION JOINT AND RIPRAP DETAIL SHEET

• FAP 765 & FAP 608
• SECTION 107RS-3, 108RS-1, 109RS-3

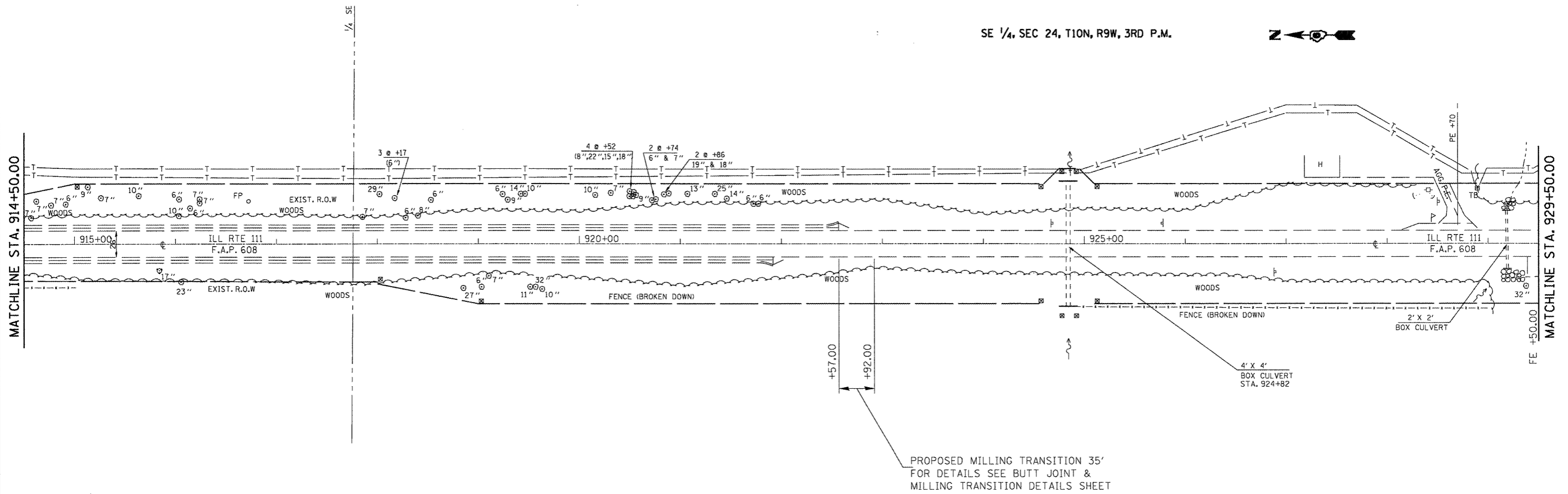
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	PLDT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
	PLDT DATE = Dec-17-2010 01:59:23PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 111 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 899+50.00 TO STA. 914+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	43
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

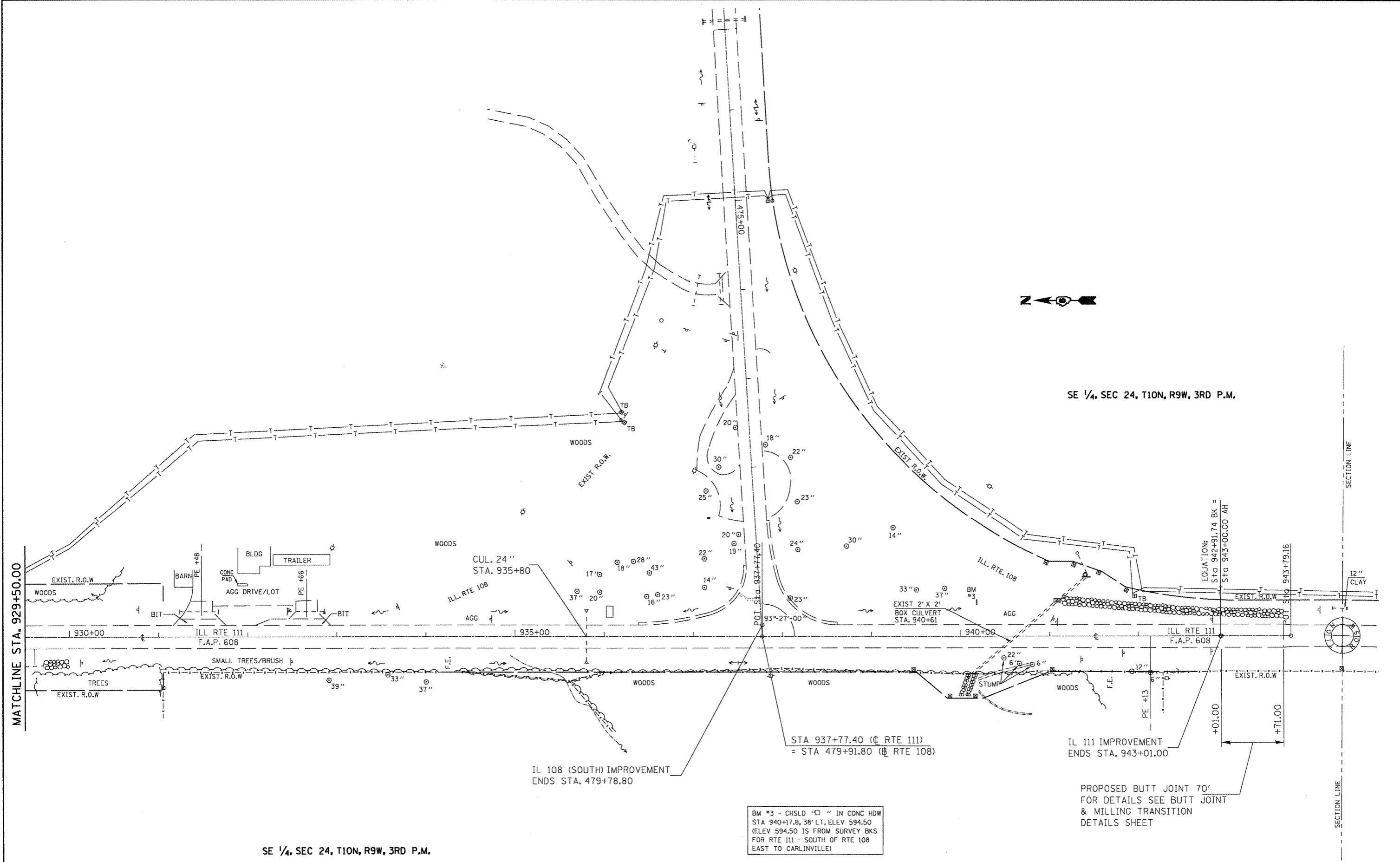
SE 1/4, SEC 24, T10N, R9W, 3RD P.M.



PROPOSED MILLING TRANSITION 35'
FOR DETAILS SEE BUTT JOINT &
MILLING TRANSITION DETAILS SHEET

• FAP 765 & FAP 608
• SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME = c:\pwork\pvidot\laughlinr1\d0215448\067C36-shr-plan-IL111&IL108nor.th.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 111 PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		STA. 914+50.00 TO STA. 929+50.00	MACOUPIN	46	44				
	PLOT DATE = Dec-17-2010 01:59:24PM	CHECKED -	REVISED -		CONTRACT NO. 72C36							
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



SE 1/4, SEC 24, T10N, R9W, 3RD P.M.

SE 1/4, SEC 24, T10N, R9W, 3RD P.M.

BM #3 - CHSLD "□" IN CONC HDW
 STA 940+17.8, 38' LT, ELEV 594.50
 (ELEV 594.50 IS FROM SURVEY BKS
 FOR RTE 111 - SOUTH OF RTE 108
 EAST TO CARLINVILLE)

PROPOSED BUTT JOINT 70'
 FOR DETAILS SEE BUTT JOINT
 & MILLING TRANSITION
 DETAILS SHEET

IL 108 (SOUTH) IMPROVEMENT
 ENDS STA. 479+78.80

STA 937+77.40 (C RTE 111)
 = STA 479+91.80 (C RTE 108)

IL 111 IMPROVEMENT
 ENDS STA. 943+01.00

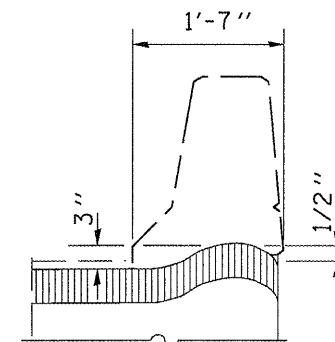
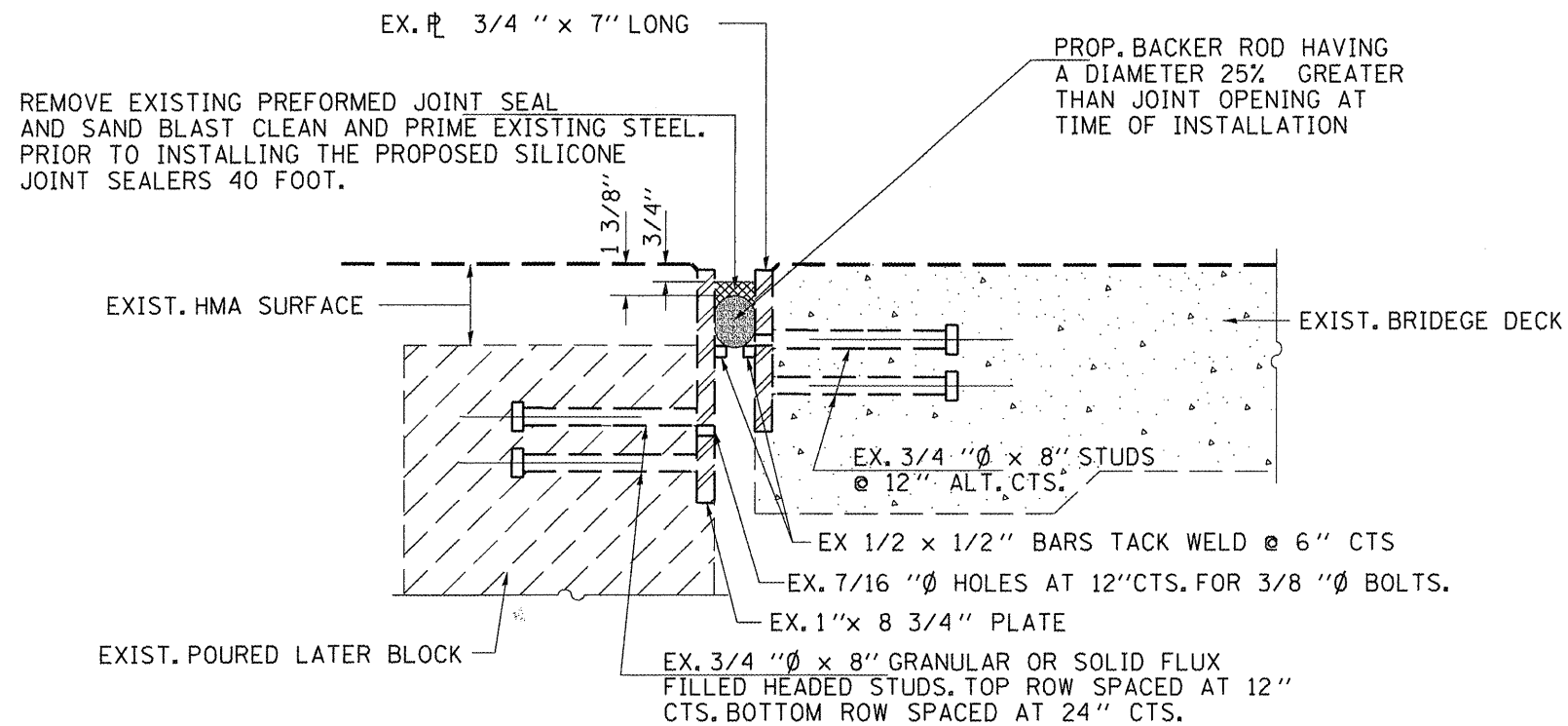
FAP 765 & FAP 608
 SECTION 107RS-3, 108RS-1, 109RS-3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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	PLOT SCALE = 1/8" = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Dec-17-2010 01:59:24PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 111 PLAN			
SCALE:	SHEET NO. OF	SHEETS	STA. 929+50.00 TO STA. 943+79.16

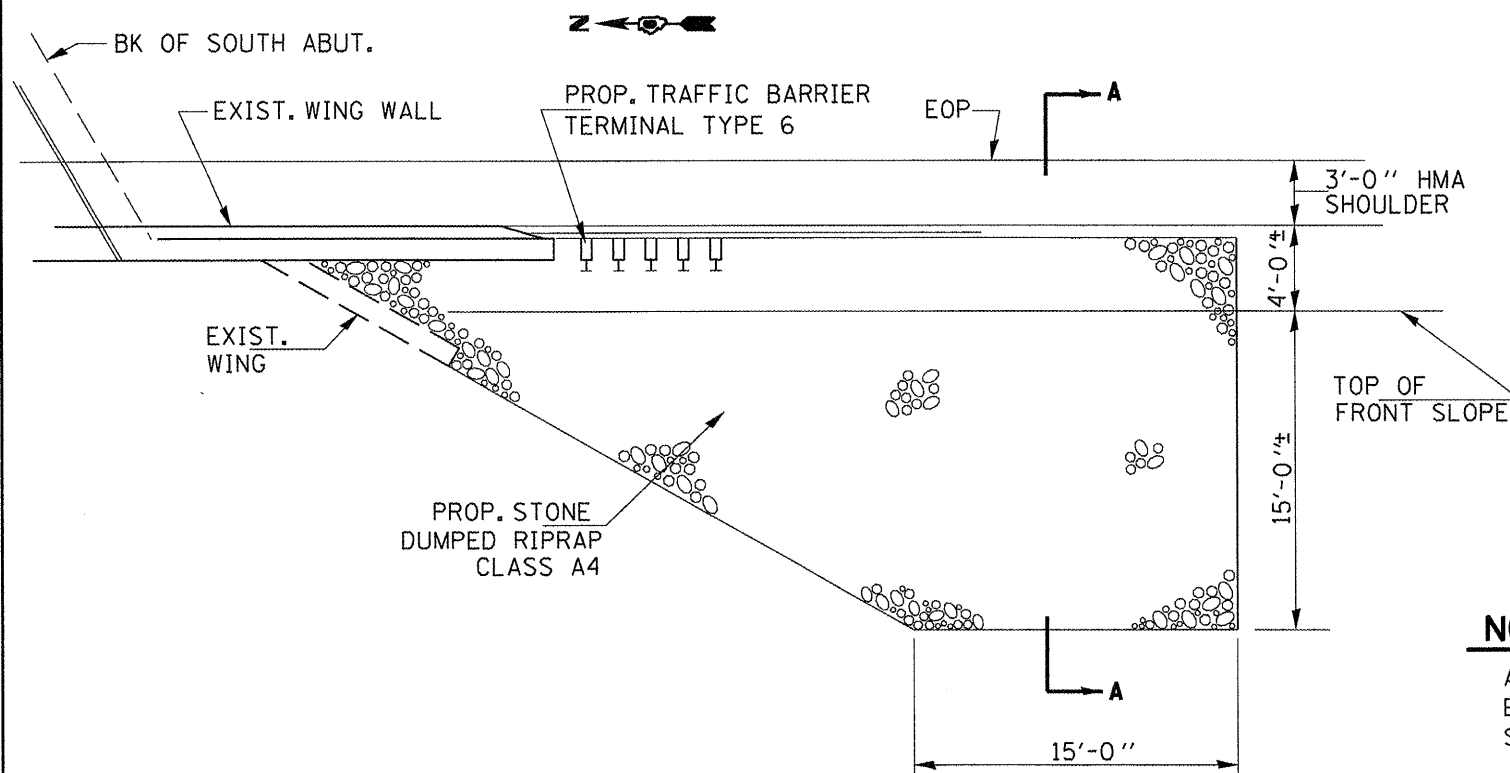
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MACOUPIN	46	45
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				



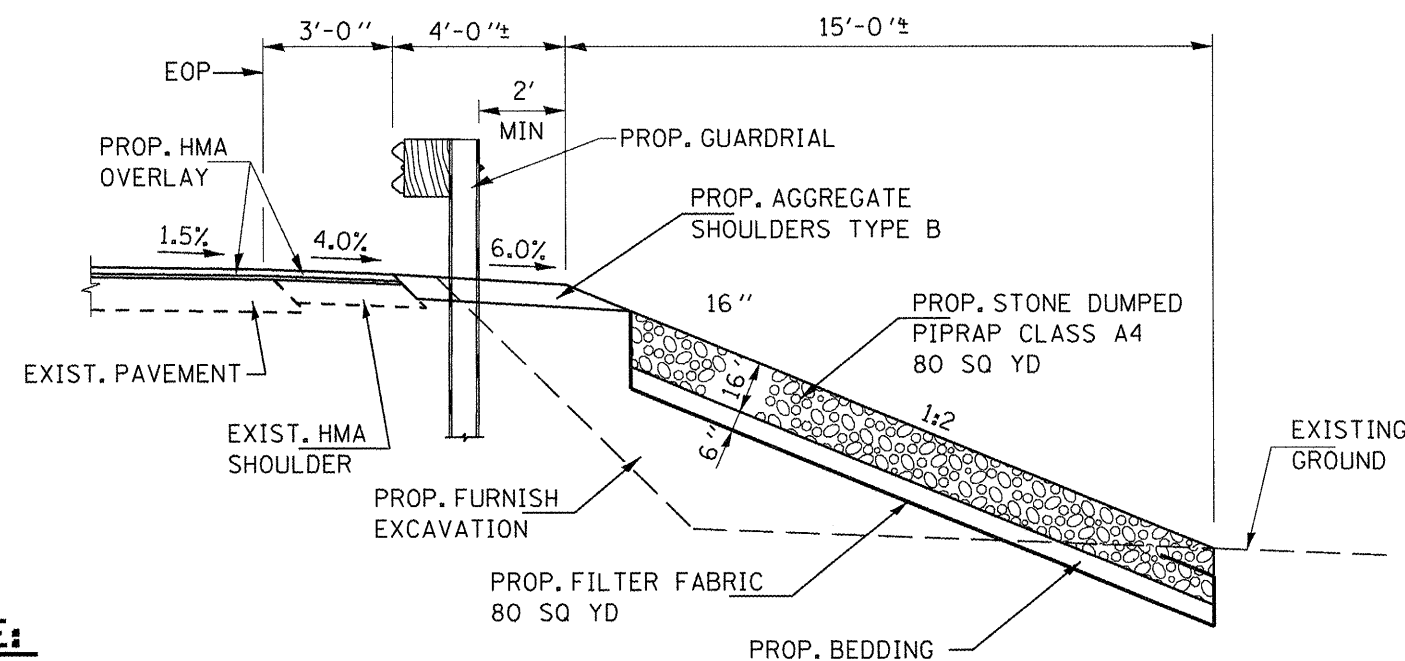
SILICONE JOINT SEALER DETAIL

SN 059-0013 ALONG IL 111
STA. 908+87.00

TYPICAL END OF SEAL TREATMENT



PLAN
SOUTHEAST CORNER OF SN 059-0013



NOTE:

AN ESTIMATED QUANTITY OF 50 CU. YD. OF FURNISH EXCAVATION HAS BEEN FOR CONSTRUCTION THE SIDE SLOPE AS SHOWN IN SECTION.

SECTION A-A

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
c:\pwork\pwork\laughlinr1\d0215448\06	2C36-sht-details.dgn	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIPRAP DETAILS &
SILICONE JOINT SEALER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MACOUPIN	46	46
CONTRACT NO. 72C36				
ILLINOIS FED. AID PROJECT				

* FAP 765 & FAP 608
** SECTION 107RS-3, 107RS-1, 109RS-3