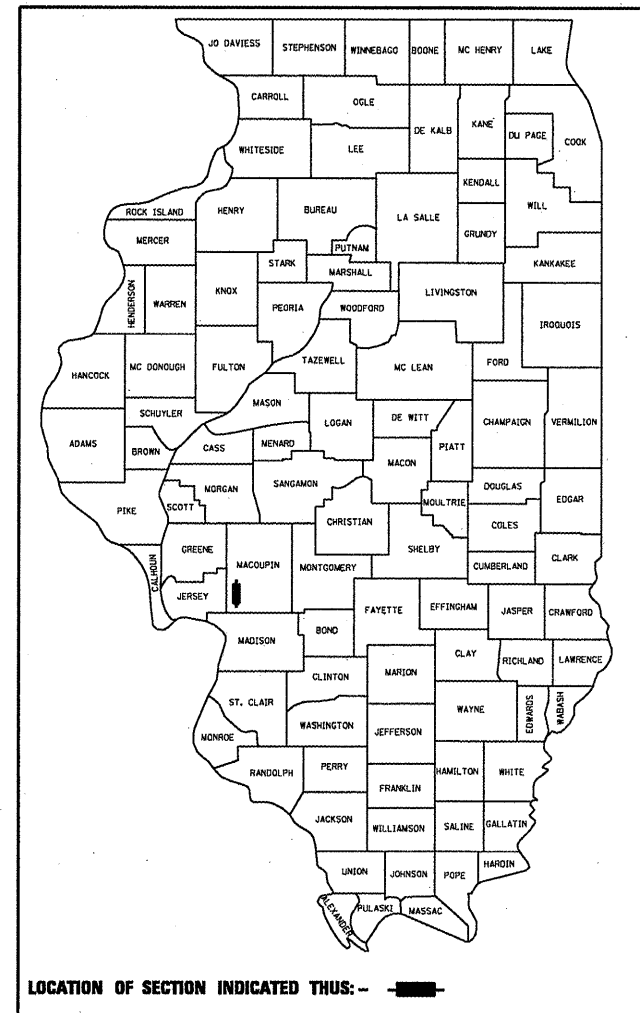


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608		MACOUPIN	15	1
		ILLINOIS	CONTRACT NO. 72C97	

* 122, 125, 126, INT-SHLD

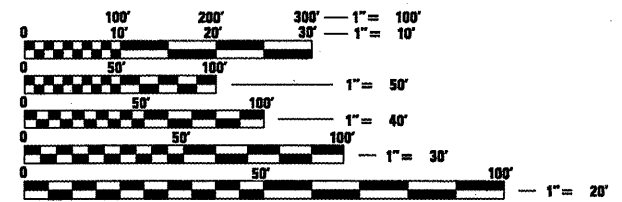
D-96-092-09



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULE OF QUANTITIES
6-14	PLAN SHEETS
15	DETAIL SHEET

CLASSIFICATION = MINOR ARTERIAL
CURRENT ADT: 944 (2007)
PV: 78%
SU: 17%
MU: 5%



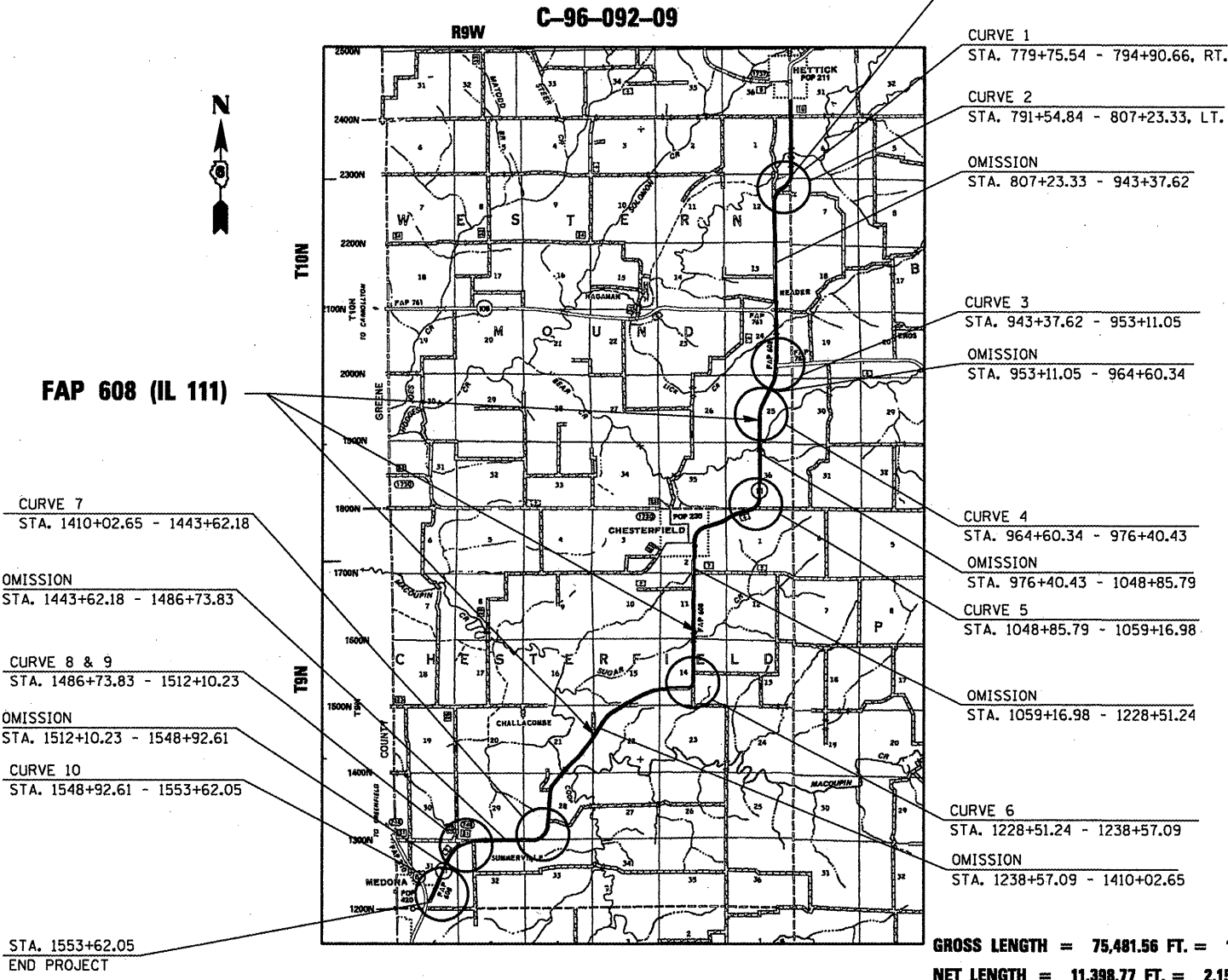
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JOHN NEGANGARD (217) 782-6990
PROJECT MANAGER: VICTOR YOUNG (217) 557-7897

CONTRACT NO. 72C97

FAP ROUTE 608 (IL 111)
SECTION 122, 125, 126, INT-SHLD
PROJECT: ACHSIP-0608(020)
TYPE of IMPROVEMENT - NEW SHOULDER & MILLED RUMBLE STRIP
MACOUPIN COUNTY



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 7, 2009
Roger J. Danks
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 4, 2009
Charles J. Inman
 ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2009
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES:

- 1 ALL ELEVATIONS SHOWN IN THE PLANS ARE U. S. G. S. MEAN SEA LEVEL DATUM.
- 2 ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 3 THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J. U. L. I. E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED, SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH UTILITY COMPANIES LISTED.
- 4 THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICES.
- 5 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 6 THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

LEVELING BINDER	0.056 TON/SQ YD •in
BIT. CONC. SURF. CSE	0.056 TON/SQ YD •in
AGG. SHLDS./BASE CSE.	2.05 TON/CU.YD
BIT. MATLS. (P.C.)	0.00038 TON/SQ YD
AGG. (P.C.)	0.001425 TON/SQ YD
AG LIMESTONE	2 TON/ACRE
NITROGEN	90 LB/ACRE
PHOSPHORUS	90 LB/ACRE
POTASSIUM	90 LB/ACRE
MULCH, METHOD 2	2 TON/ACRE
- 7 ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITIES. WHEN UNAVOIDABLE, REASONABLE PARKING SHALL BE PROVIDED FOR THOSE PROPERTIES WHICH ARE TEMPORARILY UNACCESSIBLE.

STANDARDS:

000001-05	701006-03
482006-03	701306-02
642001-01	701326-03
	780001-02
	701901-01

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES.

INFORMATIONAL LETTER TO THE CITY OF MEDORA.

DISTRICT SIX	
EXAMINED <u>Sept 23</u>	<u>20 09</u>
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <u>9/28</u>	<u>20 09</u>
<i>[Signature]</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>Spt 23</u>	<u>20 09</u>
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

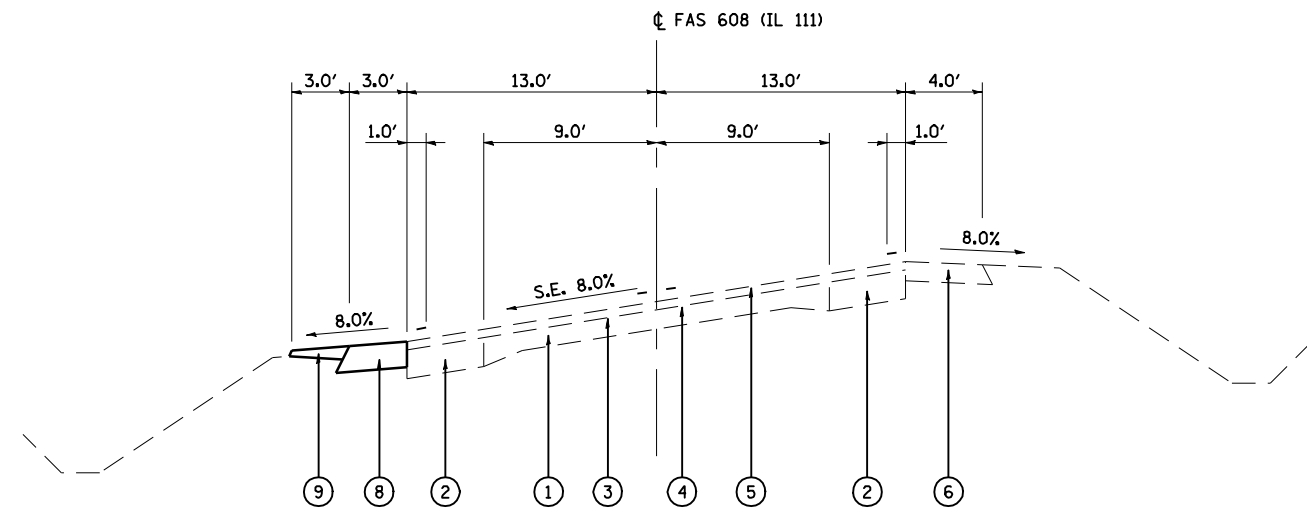
MIXTURE USE(S):	SHOULDERS
PG	PG 58-22
DESIGN AIR VOIDS	2.0% @ N DESIGN = 30
MIXTURE COMPOSITION (GRADATION MIXTURE)	BAM
FRICITION AGGREGATE	N/A

**ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**

LOCATION OF WORK				90% FED			
SUMMARY OF QUANTITIES				10% STATE			
PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	1000			
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	217.8	217.8			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	936.9	936.9			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	7,318.9	7,318.9			
64200105	SHOULDER RUMBLE STRIP	FOOT	24,689.9	24,689.9			
67100100	MOBILIZATION	L SUM	1.0	1.0			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0			
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15.0	15.0			
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	21,773.6	21,773.6			
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	21,773.6	21,773.6			

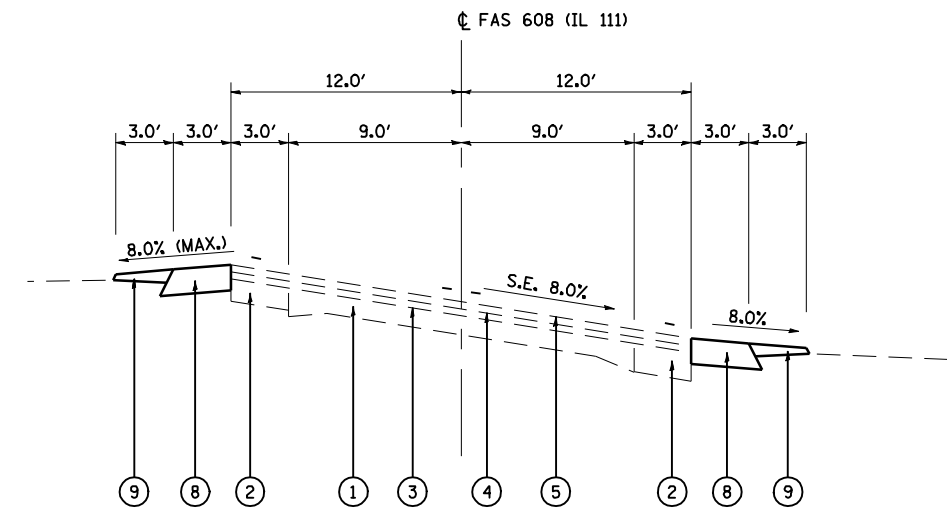
**SPECIALTY ITEMS*

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ct:\pw\work\PWIDOT\LAUGHLINR1\d0136657	672e97-akt-soq-dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	608	122, 125, 126, INT-SHLD	MACOUPIN	15	3
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72C97										
	PLOT DATE = Oct-13-2009 10:20:19AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



STA. 779+75.54 - 794+90.66, RT.
 STA. 791+54.84 - 807+23.33, LT.

STATION EQUATION
 STA. 805+56.11 (BK) =
 STA. 806+23.33 (AH)



STA. 943+37.62 - 953+11.05
 STA. 964+60.34 - 976+40.43
 STA. 1048+85.79 - 1059+16.98
 STA. 1228+51.24 - 1238+57.09
 STA. 1410+02.65 - 1443+62.18
 STA. 1486+73.83 - 1512+10.23
 STA. 1548+92.61 - 1553+62.05

STATION EQUATION
 STA. 1411+02.68 (BK) =
 STA. 1422+80.00 (AH)

STATION EQUATION
 STA. 942+91.74 (BK) =
 STA. 943+00.00 (AH)

 STA. 987+62.52 (BK) =
 STA. 987+10.00 (AH)

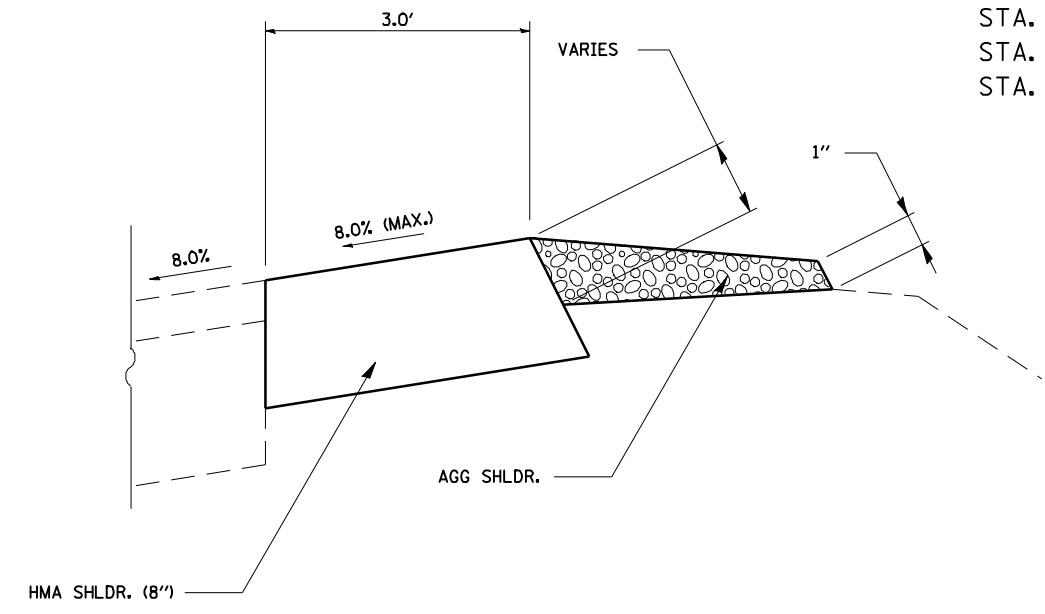
 STA. 1024+99.09 (BK) =
 STA. 1026+71.00 (AH)

 STA. 1132+02.99 (BK) =
 STA. 1134+35.77 (AH)

 STA. 1350+99.92 (BK) =
 STA. 1353+99.87 (AH)

LEGEND

- ① EXIST. PCC PAVEMENT (9-6-9)
- ② EXIST. BITUMINOUS CONCRETE BASE COURSE WIDENING (9")
- ③ EXIST. HMA LEVELING BINDER
- ④ EXIST. LEVELING BINDER, MIX C TY 2 (1")
- ⑤ EXIST. HMA SURFACE COURSE, MIX C, CLASS I, TY 2 (1 1/2")
- ⑥ EXIST. HMA SHOULDERS (6")
- ⑦ EXIST. STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑧ PROP. HOT-MIX ASPHALT SHOULDERS (8")
- ⑨ PROP. AGGREGATE SHOULDERS, TYPE B



AGGREGATE SHOULDER DETAIL
 (TYPICAL)

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\LAUGHLINRL\0136657\0172c97-ah-typical.dgn		DRAWN -	REVISED -		608	122, 125, 126, INT-SHLD	MACOUPIN	15	4				
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72C97				
PLOT DATE = Oct-13-2009 10:41:40AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

HOT-MIX ASPHALT SHOULDER, 8"	
LOCATION	SQ YD
<u>IL 111</u>	
STA 779+75.54 - STA 794+90.66 RT	504.5
STA 791+54.84 - STA 807+23.33 LT	499.9
STA 943+37.62 - STA 953+11.05 LT	322.9
STA 943+37.62 - STA 953+11.05 RT	317.2
STA 964+60.34 - STA 976+40.43 LT	386.1
STA 964+60.34 - STA 976+40.43 RT	391.7
STA 1048+85.79 - STA 1059+16.98 LT	358.9
STA 1048+85.79 - STA 1059+16.98 RT	346.3
STA 1228+51.24 - STA 1238+57.09 LT	350.7
STA 1228+51.24 - STA 1238+57.09 RT	337.1
STA 1410+02.65 - STA 1443+62.18 LT	742.9
STA 1410+02.65 - STA 1443+62.18 RT	729.6
STA 1486+73.83 - STA 1512+10.23 LT	840.3
STA 1486+73.83 - STA 1512+10.23 RT	859.5
STA 1548+92.61 - STA 1553+62.05 LT	176.1
STA 1548+92.61 - STA 1553+62.05 RT	155.2
TOTAL	7318.9

AGGREGATE SHOULDERS, TYPE B	
LOCATION	TON
<u>IL 111</u>	
STA 779+75.54 - STA 794+90.66 RT	63.7
STA 791+54.84 - STA 807+23.33 LT	64.1
STA 943+37.62 - STA 953+11.05 LT	41.4
STA 943+37.62 - STA 953+11.05 RT	40.6
STA 964+60.34 - STA 976+40.43 LT	49.5
STA 964+60.34 - STA 976+40.43 RT	50.2
STA 1048+85.79 - STA 1059+16.98 LT	46.0
STA 1048+85.79 - STA 1059+16.98 RT	44.4
STA 1228+51.24 - STA 1238+57.09 LT	44.9
STA 1228+51.24 - STA 1238+57.09 RT	43.2
STA 1410+02.65 - STA 1443+62.18 LT	95.2
STA 1410+02.65 - STA 1443+62.18 RT	93.5
STA 1486+73.83 - STA 1512+10.23 LT	107.6
STA 1486+73.83 - STA 1512+10.23 RT	110.1
STA 1548+92.61 - STA 1553+62.05 LT	22.6
STA 1548+92.61 - STA 1553+62.05 RT	19.9
TOTAL	936.9

EXCAVATING & GRADING EXISTING SHOULDER	
LOCATION	UNIT
<u>IL 111</u>	
STA 779+75.54 - STA 794+90.66 RT	15.2
STA 791+54.84 - STA 805+56.11 LT	14.0
STA 806+23.33 - STA 807+23.33 LT	1.0
STA 943+37.62 - STA 953+11.05 LT	9.7
STA 943+37.62 - STA 953+11.05 RT	9.7
STA 964+60.34 - STA 976+40.43 LT	11.8
STA 964+60.34 - STA 976+40.43 RT	11.8
STA 1048+85.79 - STA 1059+16.98 LT	10.3
STA 1048+85.79 - STA 1059+16.98 RT	10.3
STA 1228+51.24 - STA 1238+57.09 LT	10.05
STA 1228+51.24 - STA 1238+57.09 RT	10.05
STA 1410+02.65 - STA 1411+02.65 LT	1
STA 1422+80.00 - STA 1443+62.18 LT	20.8
STA 1410+02.65 - STA 1411+02.65 RT	1
STA 1422+80.00 - STA 1443+62.18 RT	20.8
STA 1486+73.83 - STA 1512+10.23 LT	25.35
STA 1486+73.83 - STA 1512+10.23 RT	25.35
STA 1548+92.61 - STA 1553+62.05 LT	4.7
STA 1548+92.61 - STA 1553+62.05 RT	4.7
TOTAL	217.6

PAINT PAVEMENT MARKING - LINE 5"	
LOCATION	EDGE LINE SOLID WHITE (FOOT)
<u>IL 111</u>	
STA 779+75.54 - STA 794+90.66 RT	1515.12
STA 791+54.84 - STA 805+56.11 LT	1401.27
STA 806+23.33 - STA 807+23.33 LT	100
STA 943+37.62 - STA 953+11.05 LT	973.43
STA 943+37.62 - STA 953+11.05 RT	973.43
STA 964+60.34 - STA 976+40.43 LT	1180.09
STA 964+60.34 - STA 976+40.43 RT	1180.09
STA 1048+85.79 - STA 1059+16.98 LT	1031.19
STA 1048+85.79 - STA 1059+16.98 RT	1031.19
STA 1228+51.24 - STA 1238+57.09 LT	1005.85
STA 1228+51.24 - STA 1238+57.09 RT	1005.85
STA 1410+02.65 - STA 1411+02.65 LT	100.03
STA 1422+80.00 - STA 1443+62.18 LT	2082.18
STA 1410+02.65 - STA 1411+02.65 RT	100.03
STA 1422+80.00 - STA 1443+62.18 RT	2082.18
STA 1486+73.83 - STA 1512+10.23 LT	2536.4
STA 1486+73.83 - STA 1512+10.23 RT	2536.4
STA 1548+92.61 - STA 1553+62.05 LT	469.4
STA 1548+92.61 - STA 1553+62.05 RT	469.44
TOTAL	21773.57

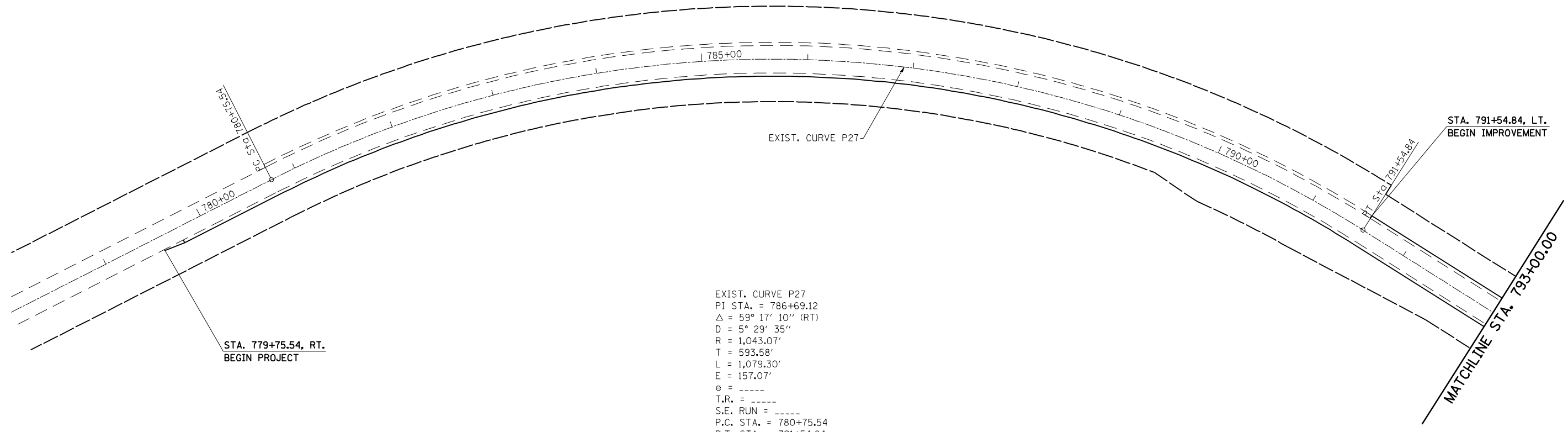
SHOULDER RUMBLE STRIP	
LOCATION	FOOT
<u>IL 111</u>	
STA 779+75.54 - STA 794+90.66 RT & LT	3030.24
STA 791+54.84 - STA 805+56.11 LT & RT	2802.54
STA 806+23.33 - STA 807+23.33 LT	100
STA 943+37.62 - STA 953+11.05 LT	973.43
STA 943+37.62 - STA 953+11.05 RT	973.43
STA 964+60.34 - STA 976+40.43 LT	1180.09
STA 964+60.34 - STA 976+40.43 RT	1180.09
STA 1048+85.79 - STA 1059+16.98 LT	1031.19
STA 1048+85.79 - STA 1059+16.98 RT	1031.19
STA 1228+51.24 - STA 1238+57.09 LT	1005.85
STA 1228+51.24 - STA 1238+57.09 RT	1005.85
STA 1410+02.65 - STA 1411+02.65 LT	100.03
STA 1422+80.00 - STA 1443+62.18 LT	2082.18
STA 1410+02.65 - STA 1411+02.65 RT	100.03
STA 1422+80.00 - STA 1443+62.18 RT	2082.18
STA 1486+73.83 - STA 1512+10.23 LT	2536.4
STA 1486+73.83 - STA 1512+10.23 RT	2536.4
STA 1548+92.61 - STA 1553+62.05 LT	469.4
STA 1548+92.61 - STA 1553+62.05 RT	469.44
TOTAL	24689.96

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

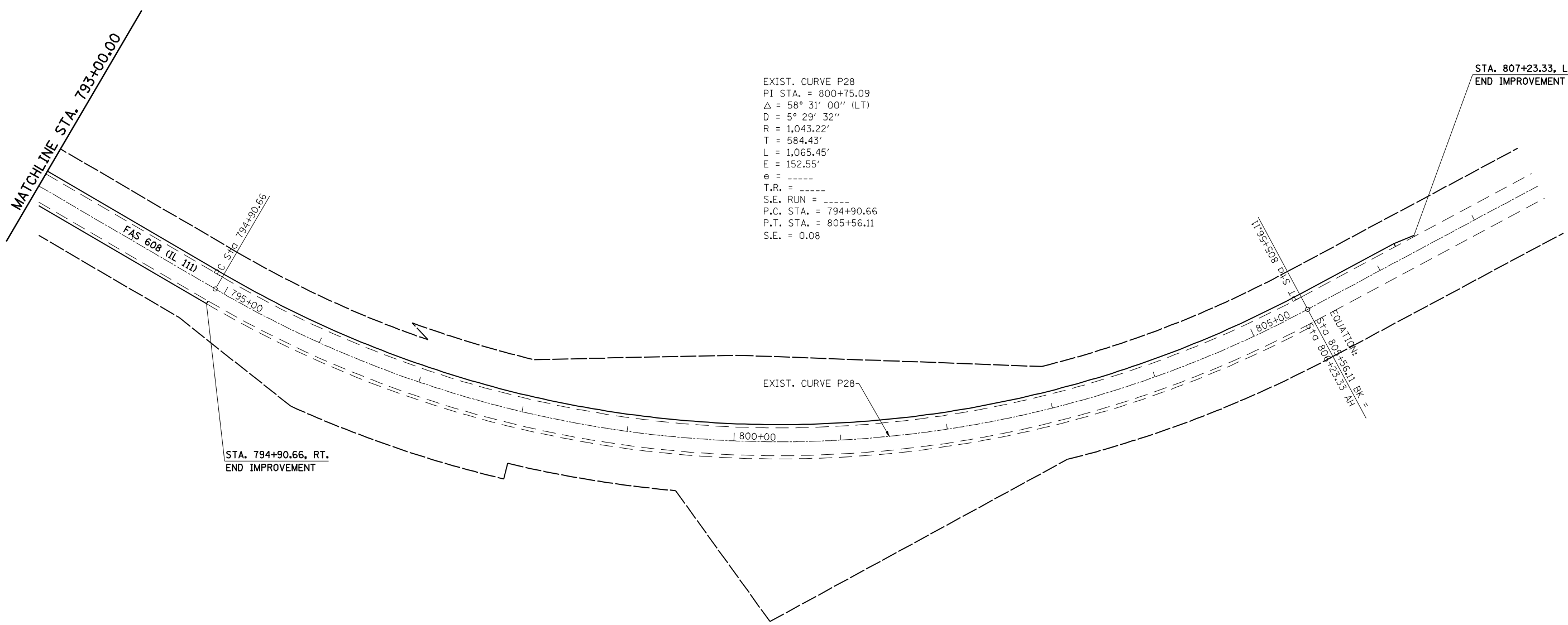
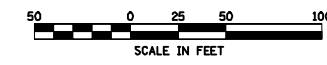
SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	122, 125, 126, INT-SHLD	MACOUPIN	15	5
CONTRACT NO. 72C97				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE P27
 PI STA. = 786+69.12
 Δ = 59° 17' 10" (RT)
 D = 5° 29' 35"
 R = 1,043.07'
 T = 593.58'
 L = 1,079.30'
 E = 157.07'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 780+75.54
 P.T. STA. = 791+54.84
 S.E. = 0.08

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 608 (IL 111)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\pwork\LAUGHLINRL\0136657\0672C97-SHT-plan1.dgn	DRAWN -	REVISED -	608					*	MACOUPIN	15	6	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72C97									
PLOT DATE = Oct-13-2009 10:41:50AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



EXIST. CURVE P28
 PI STA. = 800+75.09
 $\Delta = 58^\circ 31' 00''$ (LT)
 $D = 5^\circ 29' 32''$
 $R = 1,043.22'$
 $T = 584.43'$
 $L = 1,065.45'$
 $E = 152.55'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 794+90.66$
 $P.T. \text{ STA.} = 805+56.11$
 $S.E. = 0.08$

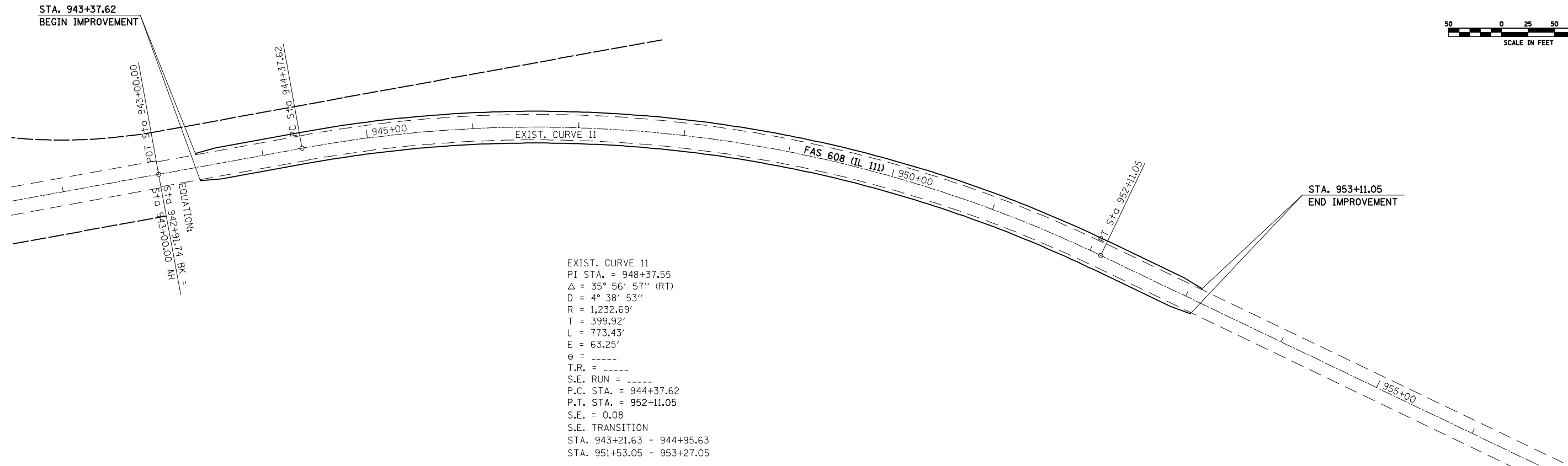
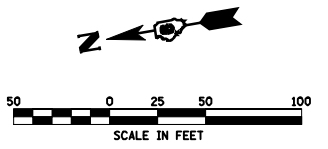
VERTICAL CURVE
 STA. 795+00 BVS
 STA. 805+00
 STA. 807+23.33 AH
 EQUATION:
 $Y = aX^2 + bX + c$

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\0136657\0672C97-SHT-plan1.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Oct-13-2009 10:41:53AM		DATE -	REVISED -

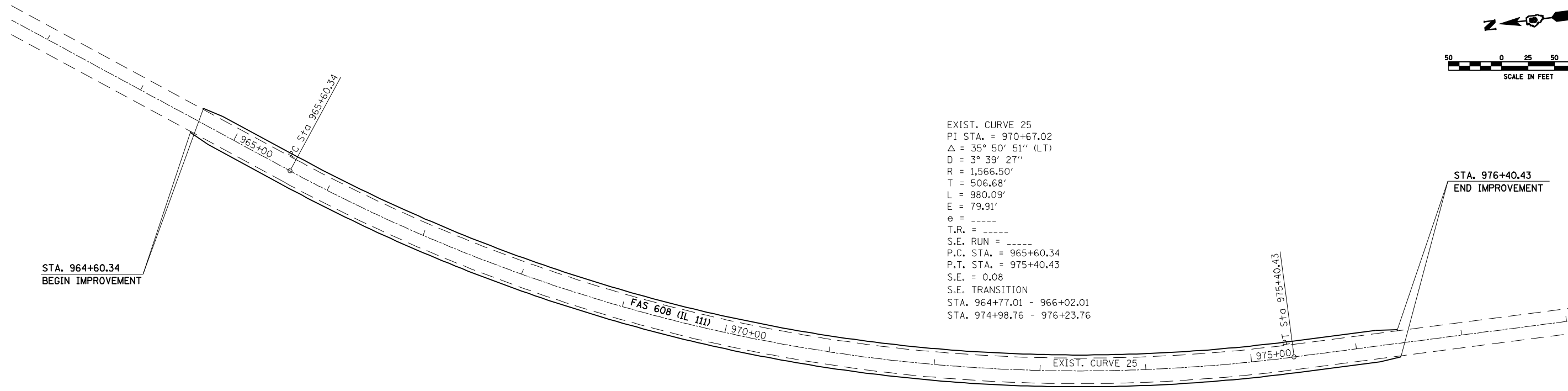
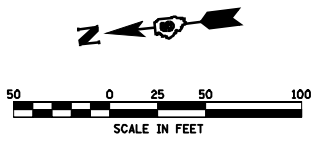
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FAS 608 (IL 111)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	*	MACOUPIN	15	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	

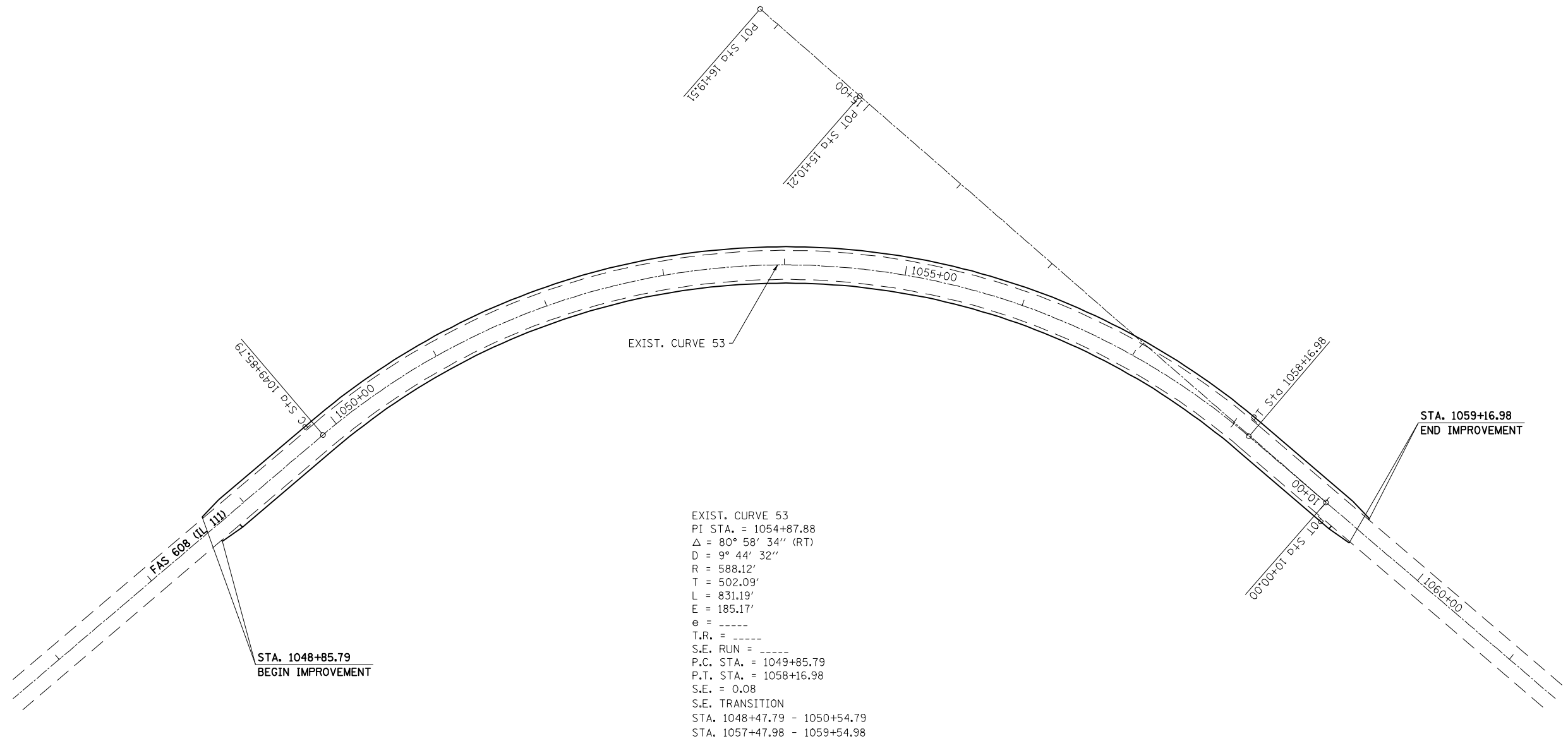
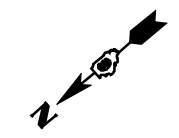


EXIST. CURVE 11
 PI STA. = 948+37.55
 $\Delta = 35^\circ 56' 57''$ (RT)
 $D = 4^\circ 38' 53''$
 $R = 1,232.69'$
 $T = 399.92'$
 $L = 773.43'$
 $E = 63.25'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 944+37.62$
 $P.T. STA. = 952+11.05$
 $S.E. = 0.08$
 $S.E. TRANSITION$
 $STA. 943+21.63 - 944+95.63$
 $STA. 951+53.05 - 953+27.05$



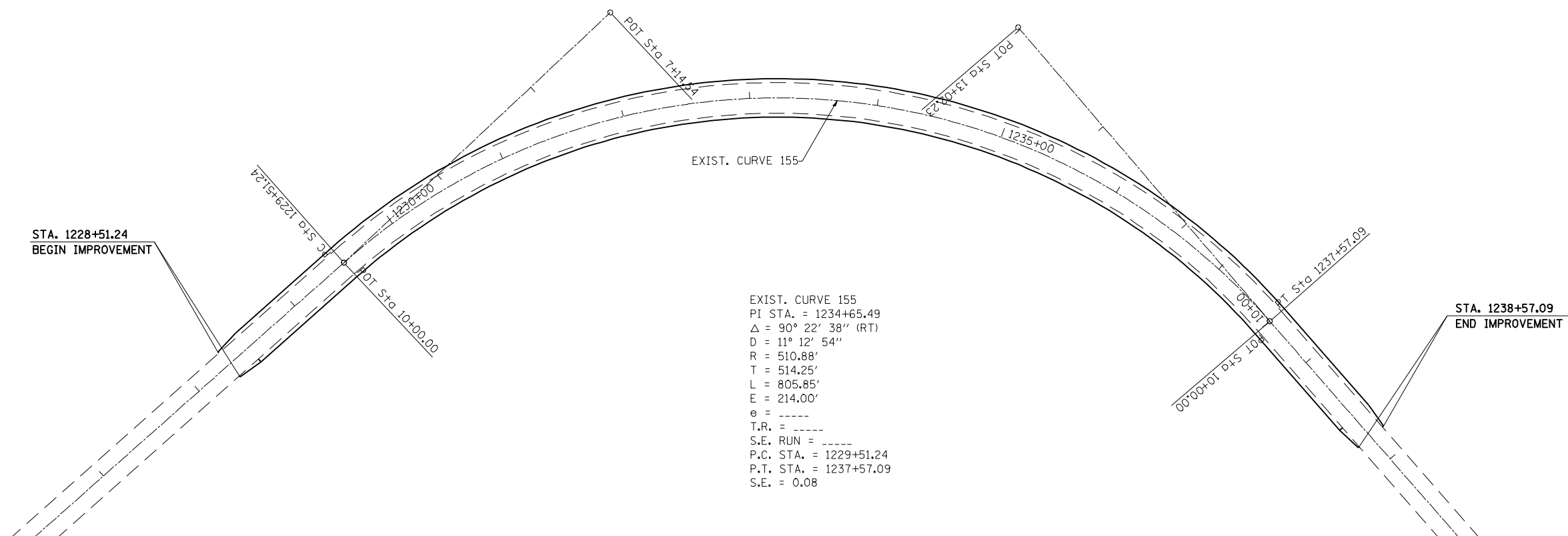
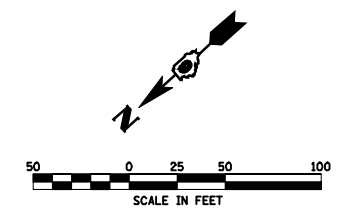
EXIST. CURVE 25
 PI STA. = 970+67.02
 $\Delta = 35^\circ 50' 51''$ (LT)
 $D = 3^\circ 39' 27''$
 $R = 1,566.50'$
 $T = 506.68'$
 $L = 980.09'$
 $E = 79.91'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 965+60.34$
 $P.T. STA. = 975+40.43$
 $S.E. = 0.08$
 $S.E. TRANSITION$
 $STA. 964+77.01 - 966+02.01$
 $STA. 974+98.76 - 976+23.76$

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 608 (IL 111) PLAN SHEET				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwid\LAUGHLINRL\0136657\0672C97-SHT-plan21.dgn		DRAWN -	REVISED -		608	122, 125, 126, INT-SHLD	MACOUPIN	15	8				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72C97				
PLOT DATE = Oct-13-2009 10:41:55AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



EXIST. CURVE 53
 PI STA. = 1054+87.88
 $\Delta = 80^\circ 58' 34''$ (RT)
 $D = 9^\circ 44' 32''$
 $R = 588.12'$
 $T = 502.09'$
 $L = 831.19'$
 $E = 185.17'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1049+85.79$
 $P.T. STA. = 1058+16.98$
 $S.E. = 0.08$
 S.E. TRANSITION
 $STA. 1048+47.79 - 1050+54.79$
 $STA. 1057+47.98 - 1059+54.98$

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 608 (IL 111)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\PWIDOT\LAUGHLINRL\0136657\0672C97-SHT-plan1.dgn	DRAWN -	REVISED -	608					.	MACOUPIN	15	9	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72C97									
PLOT DATE = Oct-13-2009 10:41:58AM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



EXIST. CURVE 155
 PI STA. = 1234+65.49
 Δ = 90° 22' 38" (RT)
 D = 11° 12' 54"
 R = 510.88'
 T = 514.25'
 L = 805.85'
 E = 214.00'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1229+51.24
 P.T. STA. = 1237+57.09
 S.E. = 0.08

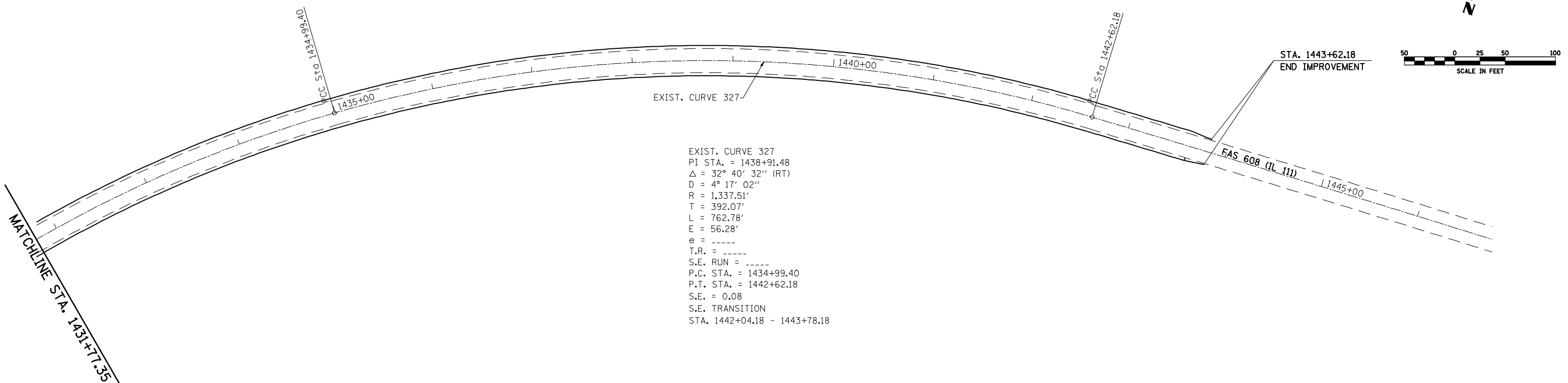
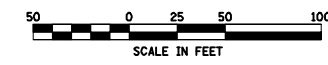
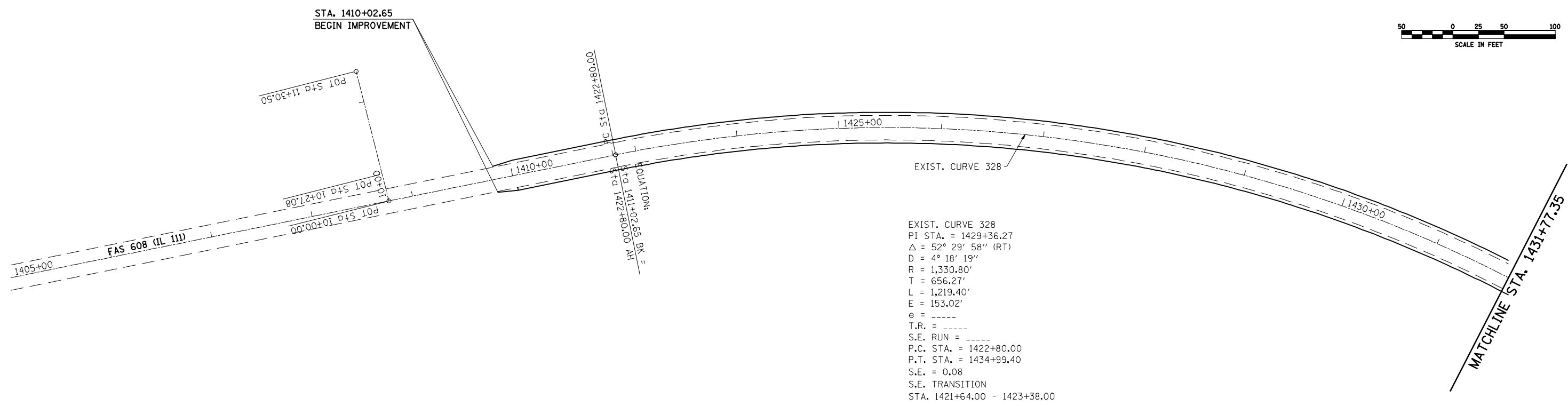
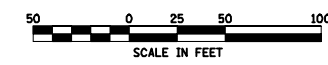
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PLOT DATE = Oct-13-2009 10:42:01AM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FAS 608 (IL 111)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	*	MACOUPIN	15	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	

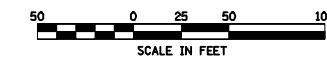


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

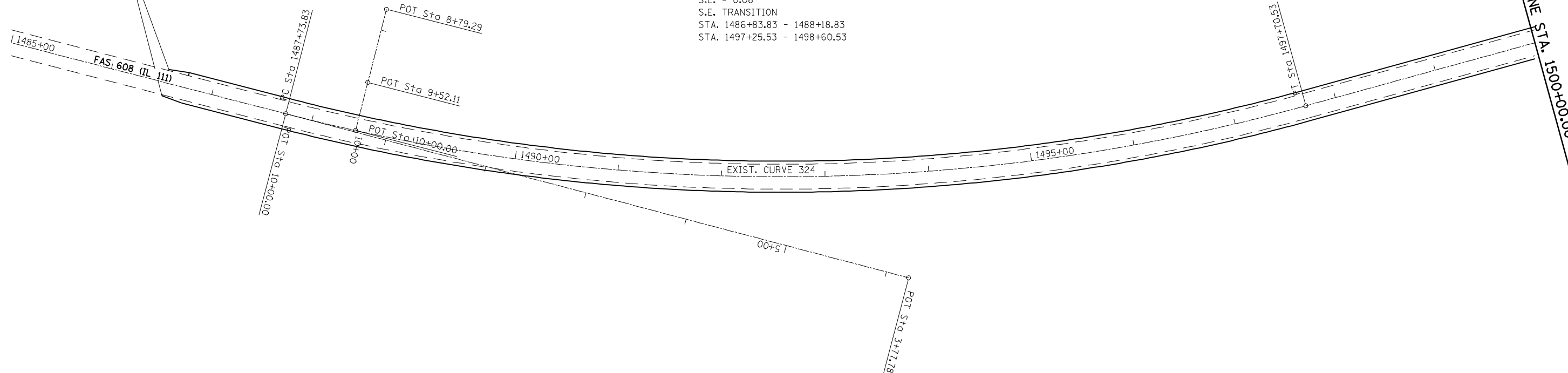
FAS 608 (IL 111)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	.	MACOUPIN	15	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	



EXIST. CURVE 324
 PI STA. = 1492+83.79
 $\Delta = 29^\circ 53' 04''$ (LT)
 $D = 2^\circ 59' 54''$
 $R = 1,910.92'$
 $T = 509.96'$
 $L = 996.70'$
 $E = 66.88'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 1487+73.83
 P.T. STA. = 1497+70.53
 $S.E. = 0.08$
 S.E. TRANSITION
 STA. 1486+83.83 - 1488+18.83
 STA. 1497+25.53 - 1498+60.53

STA. 1486+73.83
 BEGIN IMPROVEMENT



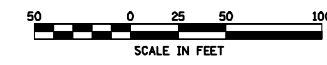
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PLOT DATE = Oct-13-2009 10:42:08AM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

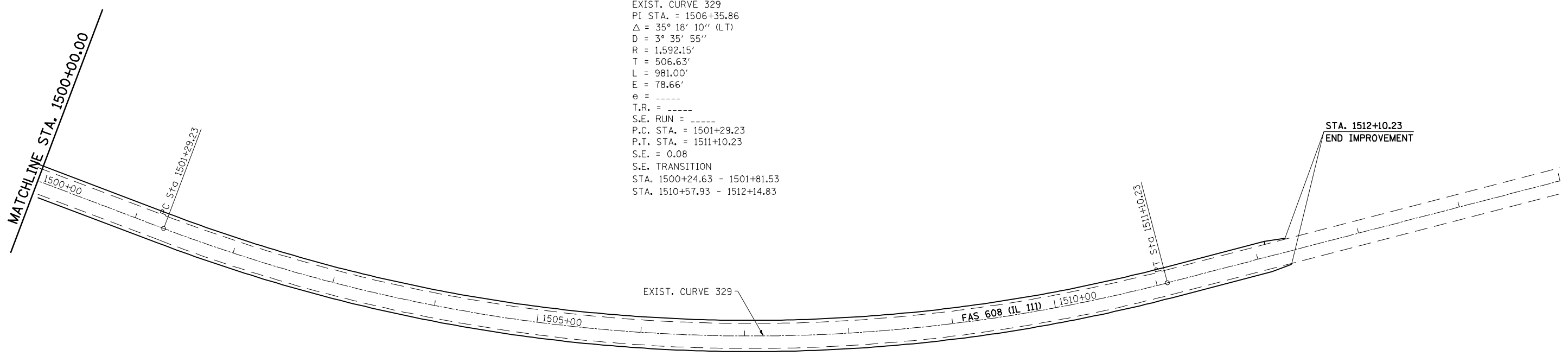
FAS 608 (IL 111)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	*	MACOUPIN	15	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	



EXIST. CURVE 329
 PI STA. = 1506+35.86
 Δ = 35° 18' 10" (LT)
 D = 3° 35' 55"
 R = 1,592.15'
 T = 506.63'
 L = 981.00'
 E = 78.66'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1501+29.23
 P.T. STA. = 1511+10.23
 S.E. = 0.08
 S.E. TRANSITION
 STA. 1500+24.63 - 1501+81.53
 STA. 1510+57.93 - 1512+14.83

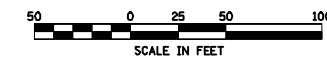


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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PLOT DATE = Oct-13-2009 10:42:11AM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FAS 608 (IL 111)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	*	MACOUPIN	15	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	



STA. 1548+92.61
BEGIN IMPROVEMENT

1926+69.57 P.T.S.
1550+00

EXIST. CURVE 270

EXIST. CURVE 270
 PI STA. = 1552+00.96
 $\Delta = 66^\circ 05' 37''$ (RT)
 D = 17° 53' 24"
 R = 320.27'
 T = 208.36'
 L = 369.45'
 E = 61.81'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1549+92.61
 P.T. STA. = 1553+62.05
 S.E. = 0.08

STA. 1553+62.05
END PROJECT

FAS 608 (IL 111)

1545+00

EXIST. CURVE 330
 PI STA. = 527+58.14
 $\Delta = 67^\circ 48' 28''$ (RT)
 D = 1° 54' 06"
 R = 3,013.11'
 T = 2,025.02'
 L = 3,565.92'
 E = 617.25'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 507+33.12
 P.T. STA. = 542+99.04

1525+00

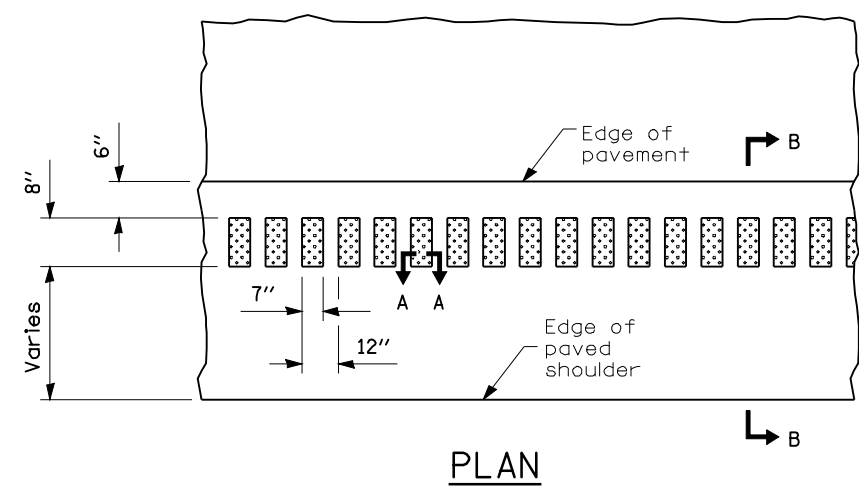
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Oct-13-2009 10:42:15AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

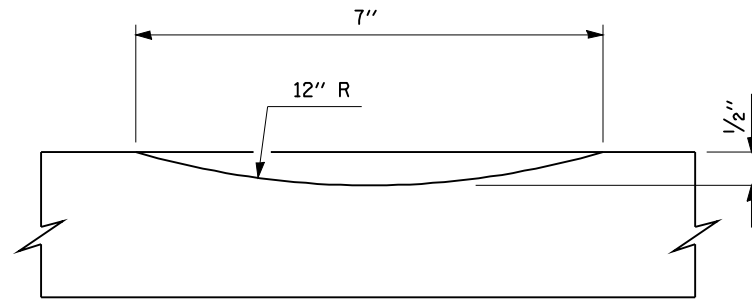
FAS 608 (IL 111)

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

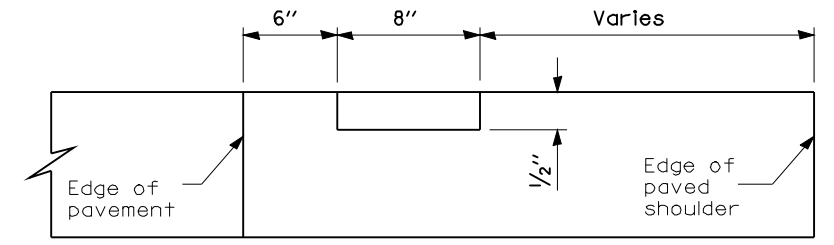
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	*	MACOUPIN	15	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C97	



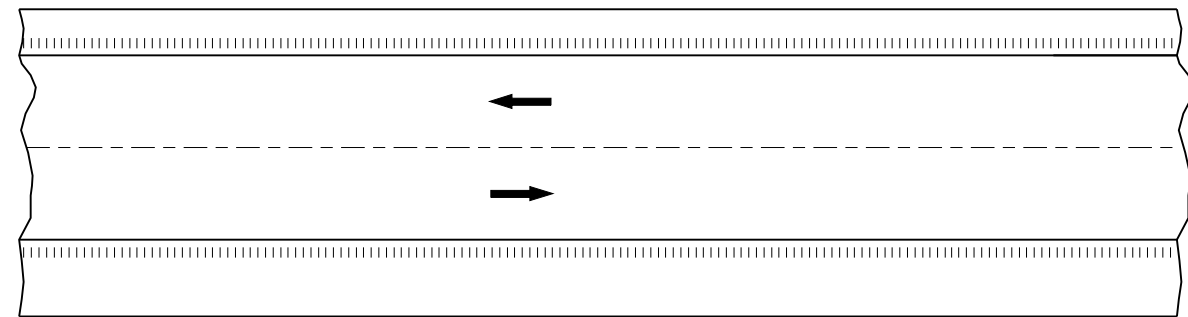
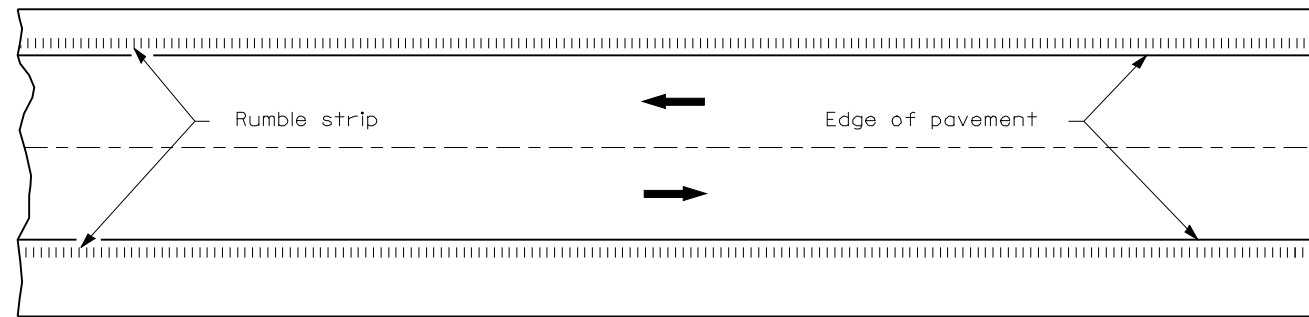
PLAN



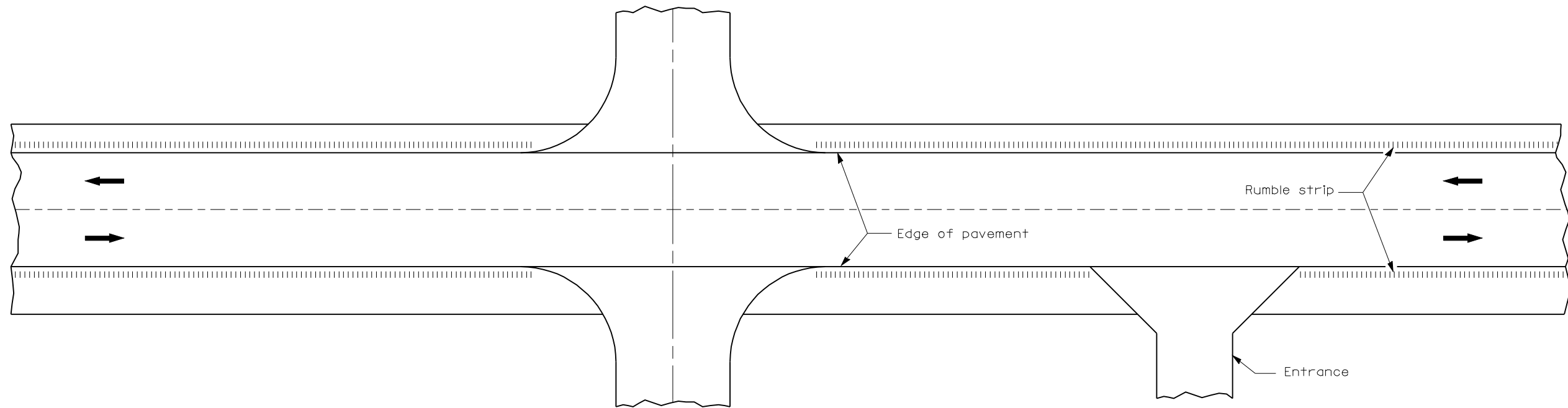
SECTION A-A



SECTION B-B



HALF PLAN
TYPICAL APPLICATION FOR RURAL AREAS



HALF PLAN
TYPICAL APPLICATION AT SIDEROADS AND ENTRANCES

FILE NAME = RUMBLE.DGN	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPS DETAIL				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		608	122, 125, 126, INT-SHLD	MACOUPIN	15	15				
		CHECKED -	REVISED -		CONTRACT NO. 72C97				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				