

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	H(RS-1), G(RS-5)	MASON	15	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 72A45	

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

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 658 (IL 29)
SECTION H(RS-1), G(RS-5)**

MASON COUNTY

C-96-079-08

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
- 4-6. TYPICAL SECTIONS
7. SCHEDULE OF QUANTITIES
- 8-13. PLAN SHEETS
- 14-15. DETAILS

HIGHWAY CLASSIFICATION IL 29

FUNCTIONAL CLASS: MINOR ARTERIAL
ADT - 1100
CRS - 5.3
PV - 85%
SU - 10%
MU - 5%

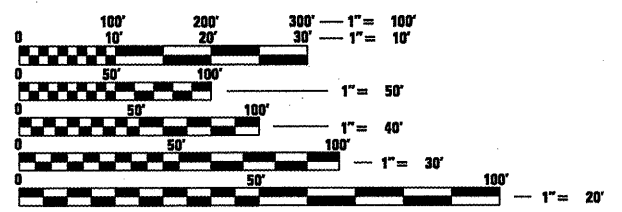
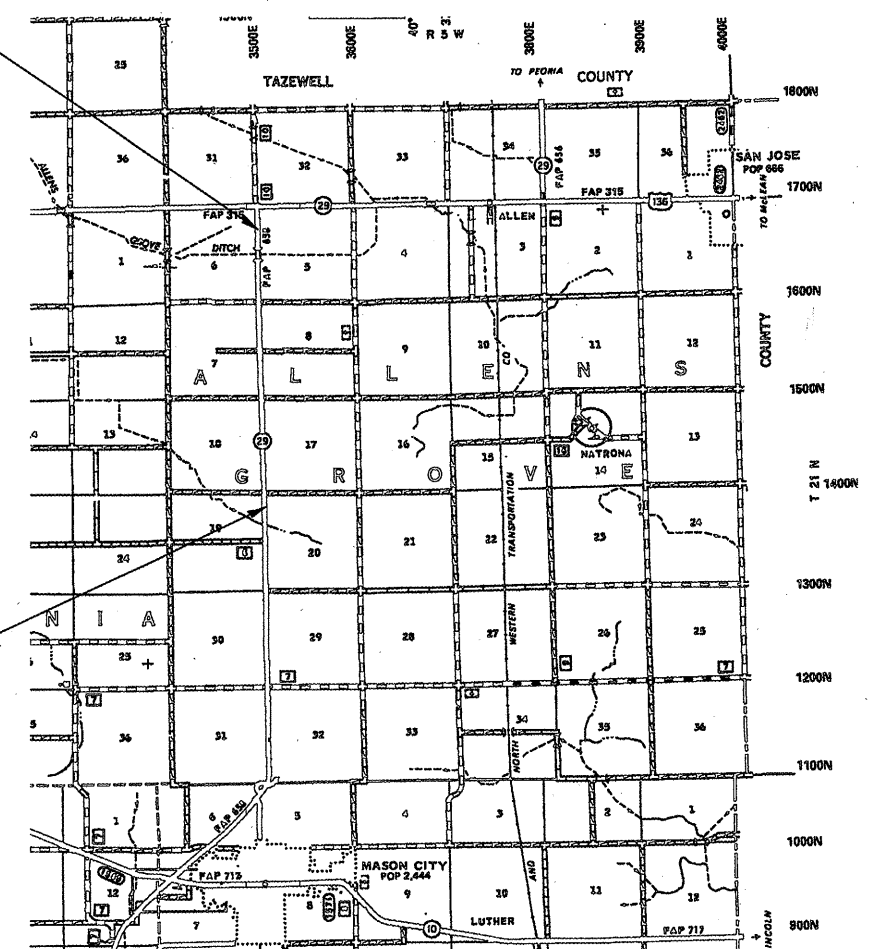
D-96-521-06



LOCATION OF SECTION INDICATED THUS: - ■ -

**STA. 667 + 95.00
END IMPROVEMENT**

**STA. 511 + 00.00
BEGIN IMPROVEMENT**



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) 782-9660
PROJECT MANAGER: VICTOR YOUNG (217) 557-7897

CONTRACT NO. 72A45

TOTAL PROJECT LENGTH = 15695.0 FEET = 2.97 MILES

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

SUBMITTED *February 3, 2010*
Roger Z. Dinkell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Still, P.E.
 ACTING ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
 DIRECTOR OF HIGHWAYS, BRIEF ENGINEER

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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
HMA 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

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	701011-02
406201-01	701201-03
442201-03	701306-03
482001-02	701311-03
482011-03	701901-01
701001-02	780001-02
701006-03	781001-03

COMMITMENTS

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

MIXTURE USE(S):	HMA CONC SURF CSE	HMA CONC LEVEL BINDER	INCIDENTAL HMA SURFACE
PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL: 9.5 OR 12.5	IL: 9.5	IL: 9.5 OR 12.5
FRICTION AGGREGATE	MIX "C"	N/A	MIX "C"

EXAMINED <u>January 29</u> 20 <u>10</u> <i>[Signature]</i> PROGRAM IMPLEMENTATION ENGINEER
EXAMINED <u>February 3</u> 20 <u>10</u> <i>[Signature]</i> PROGRAM DEVELOPMENT ENGINEER

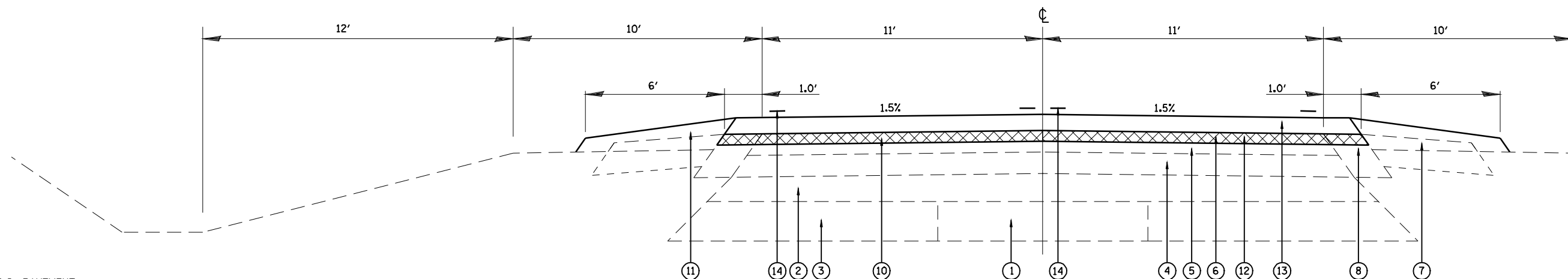
DISTRICT SIX
EXAMINED <u>January 27</u> 20 <u>10</u> <i>[Signature]</i> OPERATIONS ENGINEER

Rev. 3/10/10

SUMMARY OF QUANTITIES				STATE 100%
				I000
CODE NO	ITEM	UNIT	TOTAL	TOTAL
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	20.0	20.0
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	32.2	32.2
40600300	AGGREGATE (PRIME COAT)	TON	120.6	120.6
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1758.1	1758.1
40600895	CONSTRUCTING TEST STRIP	EACH	1.0	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	745.0	745.0
40600990	TEMPORARY RAMP	SQ YD	27.0	27.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3529.7	3529.7
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	88.4	88.4
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	42407.0	42407.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1442.1	1442.1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6.0	6.0
67100100	MOBILIZATION	LSUM	1.0	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1.0	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4752.0	4752.0
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	39184.0	39184.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	528.0	528.0
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	39184.0	39184.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	198.0	198.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	198.0	198.0

*Specialty Hems

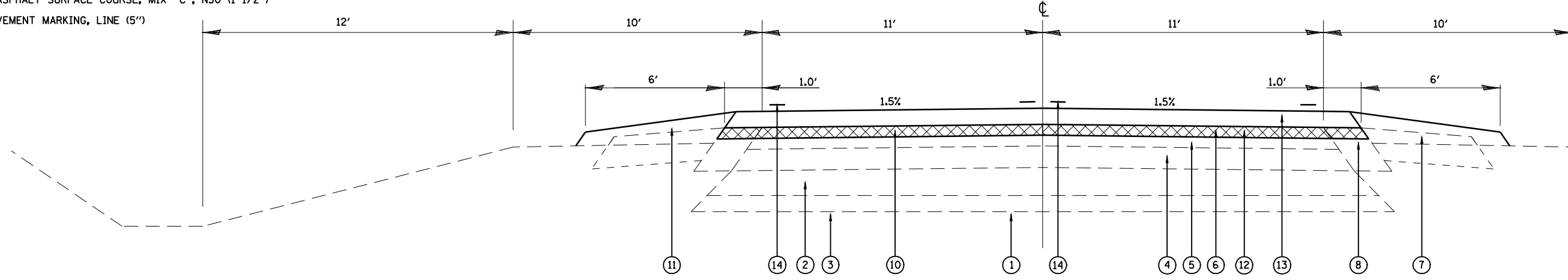
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72A45										
PLOT DATE = Feb-03-2010 09:54:18AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



- ① EXIST 16" P.C.C. PAVEMENT
- ② EXIST 9" GR. OR CR. STONE BASE CRSE, TY. A
- ③ EXIST 6" GR. OR CR. STONE SUBBASE, TY. A
- ④ EXIST BITUMINOUS PAVEMENT
- ⑤ EXIST BIT. BINDER CRSE, MIX. B, TY. 2 @ 2.5"
- ⑥ EXIST BIT. CONC. SURF. CRSE, MIX. D, CL. I, TY. 2 @ 1.5"
- ⑦ EXIST 3 FT AGGREGATE SHLD, TY. B
- ⑧ EXIST 1 FT BIT. SHLD
- ⑨ EXISTING TY A GUTTER MODIFIED
- ⑩ PR HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑪ PR AGG. SHLDR. TY. B (2 1/2")
- ⑫ PR LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑬ PR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑭ PR PAINT PAVEMENT MARKING, LINE (5")

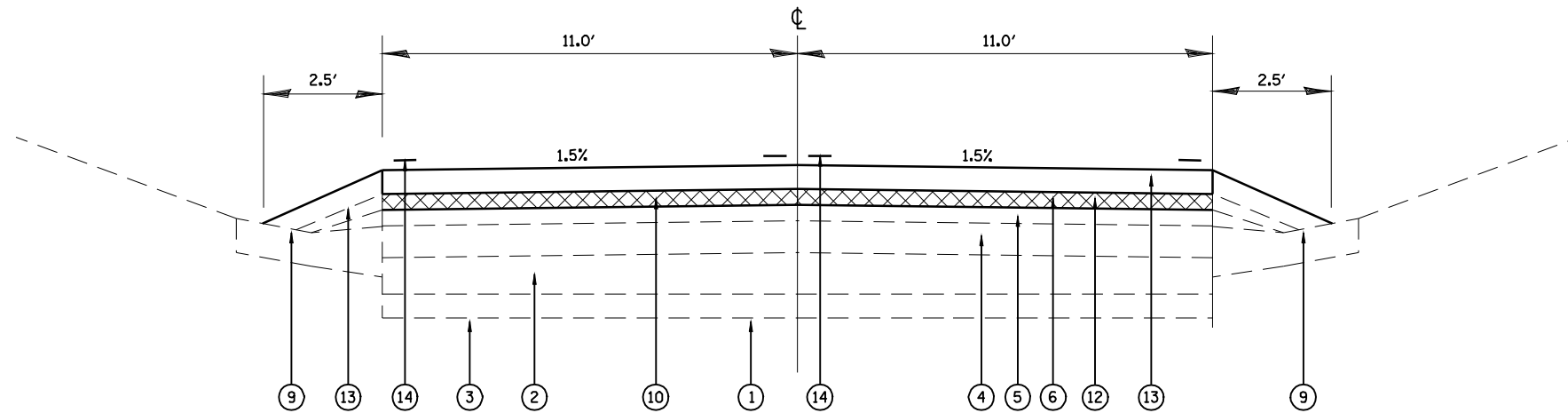
STA 511+00.00 TO STA 512+98.87
 STA 519+98.67 TO STA 531+38.76
 STA 535+98.74 TO STA 544+08.78
 STA 547+88.70 TO STA 550+83.64

STA 557+45.72 TO STA 558+68.75
 STA 576+98.80 TO STA 596+63.70
 STA 604+48.80 TO STA 641+62.71
 STA 643+50.38 TO STA 645+13.43



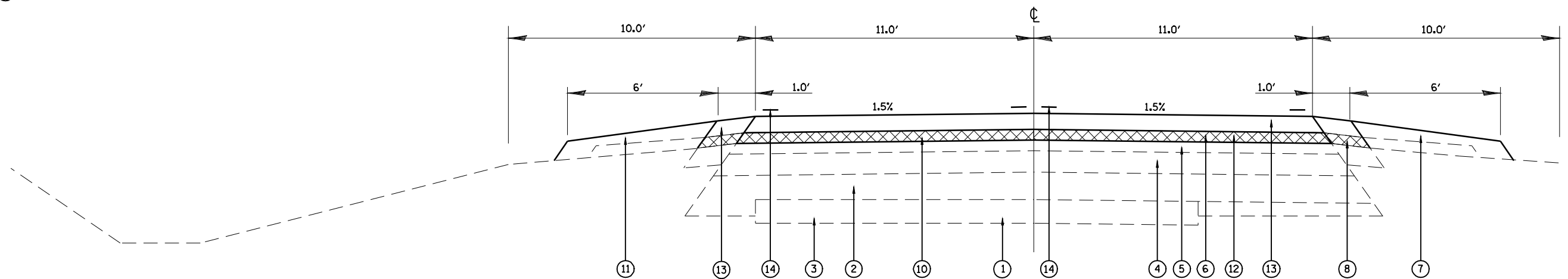
STA 513+48.74 TO STA 519+48.80
 STA 558+68.75 TO STA 571+98.80
 STA 596+63.70 TO STA 604+48.80

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.
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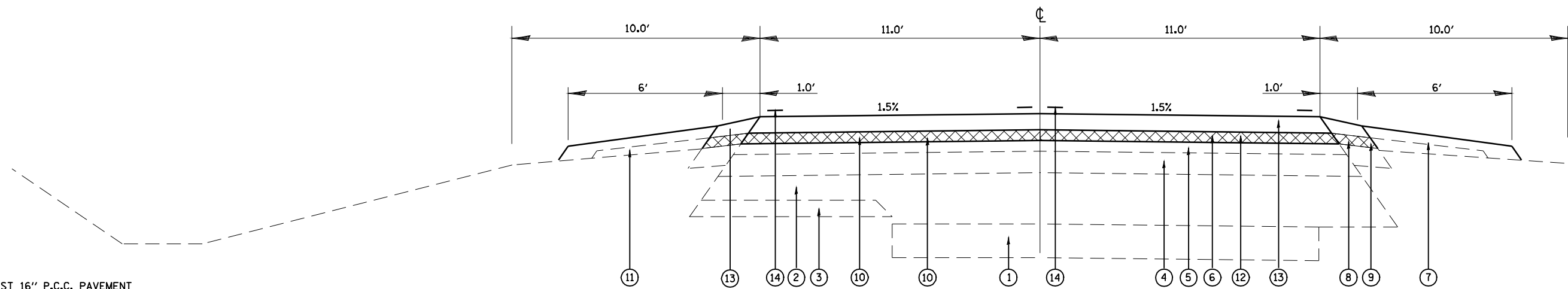
STA 571+98.80 TO STA 576+98.80

- ① EXIST 16" P.C.C. PAVEMENT
- ② EXIST 9" GR. OR CR. STONE BASE CRSE, TY. A
- ③ EXIST 6" GR. OR CR. STONE SUBBASE, TY. A
- ④ EXIST BITUMINOUS PAVEMENT
- ⑤ EXIST BIT. BINDER CRSE, MIX. B, TY. 2 @ 2.5"
- ⑥ EXIST BIT. CONC. SURF. CRSE, MIX. D, CL. I, TY. 2 @ 1.5"
- ⑦ EXIST 3 FT AGGREGATE SHLD, TY. B
- ⑧ EXIST 1 FT BIT. SHLD
- ⑨ EXISTING TY A GUTTER MODIFIED
- ⑩ PR HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑪ PR AGG. SHLDR. TY. B (2 1/2")
- ⑫ PR LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑬ PR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑭ PR PAINT PAVEMENT MARKING, LINE (5")



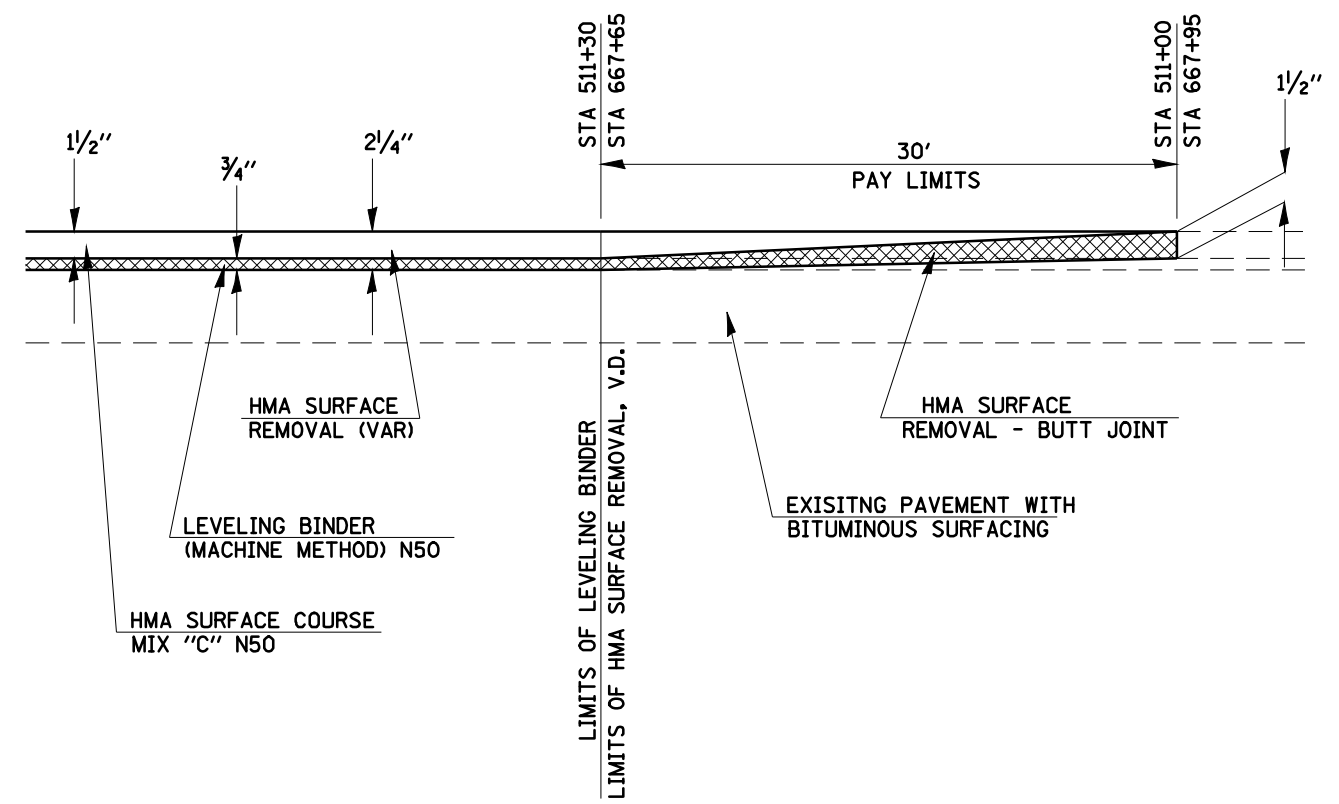
STA 645+13.76 TO STA 667+95.00

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.		
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- ① EXIST 16" P.C.C. PAVEMENT
- ② EXIST 9" GR. OR CR. STONE BASE CRSE, TY. A
- ③ EXIST 6" GR. OR CR. STONE SUBBASE, TY. A
- ④ EXIST BITUMINOUS PAVEMENT
- ⑤ EXIST BIT. BINDER CRSE, MIX. B, TY. 2 @ 2.5"
- ⑥ EXIST BIT. CONC. SURF. CRSE, MIX. D, CL. I, TY. 2 @ 1.5"
- ⑦ EXIST 3 FT AGGREGATE SHLD, TY. B
- ⑧ EXIST 1 FT BIT. SHLD
- ⑨ EXISTING TY A GUTTER MODIFIED
- ⑩ PR HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑪ PR AGG. SHLDR. TY. B (2 1/2")
- ⑫ PR LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑬ PR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑭ PR PAINT PAVEMENT MARKING, LINE (5")

STA 512+98.87 TO STA 513+48.74
 STA 519+48.80 TO STA 519+98.67
 STA 531+38.76 TO STA 535+98.74
 STA 544+08.78 TO STA 547+88.70
 STA 550+83.64 TO STA 557+45.72
 STA 641+62.71 TO STA 643+50.38



BITUMINOUS BUTT JOINT
 STA 511+00 TO STA 511+30
 STA 667+65 TO STA 667+95

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.	
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		CHECKED -	REVISED -						CONTRACT NO. 72A45					
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

HMA SURFACE SCHEDULE						
Location Station	Length (FOOT)	Width (FOOT)	Area (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	HMA SURF CRSE MIX "C" N50 (TON)
511+00 TO 571+99	6099.0	24.0	16264.0	6.2	23.2	1366.2
571+99 TO 576+99	500.0	27.0	1500.0	0.6	2.1	126.0
576+99 TO 667+95	9096.0	24.0	24256.0	9.2	34.6	2037.5
				16.0	59.9	3529.7

HMA BINDER SCHEDULE						
Location Station	Length (FOOT)	Width (FOOT)	Area (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	LEVEL BINDER MACHINE METHOD N50 (TON)
511+30 TO 571+99	6069.0	24.0	16184.0	6.1	23.1	679.7
571+99 TO 576+99	500.0	27.0	1500.0	0.6	2.1	63.0
576+99 TO 667+65	9066.0	24.0	24176.0	9.2	34.5	1015.4
				15.9	59.7	1758.1

BIT MATS (PRIME) SUMMARY		
AGG (PRIME) SUMMARY		
Location	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)
FROM SURFACE SCHEDULE	15.97	59.88
FROM BINDER SCHEDULE	15.91	59.65
FROM INC HMA SCHEDULE	0.29	1.09
	32.2	120.6

AGGREGATE SHOULDERS TY B SCHEDULE				
Location Station		Length (FOOT)	Width (FOOT)	AGGREGATE SHOULDERS TY B (TON)
511+00 TO 571+99	RT	6099.0	6.0	289.4
511+00 TO 571+99	LT	6099.0	6.0	289.4
576+99 TO 667+95	RT	9096.0	6.0	431.6
576+99 TO 667+95	LT	9096.0	6.0	431.6
				1442.1

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "PPP" PROJECTS										
LOCATION (LT / RT) (STA)	TYPE OF ENTRANCE (FE/PE/CE/MB) (RURAL / URBAN)	EX MATERIAL TYPE EARTH/AGG. / BIT. / P. C. C.	AREA SQ. YD.	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT) FOOT	PR BIT. CONC. THICKNESS INCH	BIT. SURF. REMOVAL BUTT JOINT SQ. YD.	AGGREGATE SURFACE COURSE TY - B TON	BIT (P. C.) TON	AGG (P. C.) TON	INCIDENTAL BIT. SURF. TON
LT 512+48	CR 1400N	BIT	80.67	10	1.5	80.67		0.03	0.11	6.78
RT 512+65	CR 1400N	BIT	68.67	10	1.5	68.67		0.03	0.10	5.77
RT 565+65	CR 1500N	BIT	67.22	10	1.5	67.22		0.03	0.10	5.65
LT 565+72	CR 1500N	BIT	59.11	10	1.5	59.11		0.02	0.08	4.96
LT 572+00	PE	AGG	76.1	8	3.5		5	0.03	0.11	14.92
RT 572+00	MB	BIT	37.33	8	3.5	37.33		0.01	0.05	7.32
RT 592+27	CR 1550N	BIT	67.56	10	1.5	67.56		0.03	0.10	5.67
LT 592+31	CR 1550N	BIT	62.44	10	1.5	62.44		0.02	0.09	5.25
LT 594+64	PE	AGG	31.6	8	3.5		5	0.01	0.05	6.21
RT 618+66	CR 1600N	BIT	69.22	10	1.5	69.22		0.03	0.10	5.81
LT 618+68	CR 1600 N	BIT	72.78	10	1.5	72.78		0.03	0.10	6.11
RT 647+24	PE	AGG	33.3	8	3.5		5	0.01	0.05	6.53
RT 667+37	PE	AGG	37.7	8	3.5		5	0.01	0.05	7.40
TOTAL =						585	20	0.29	1.09	88.38

PAINT PAVEMENT MARKING - LINE 5"			
LOCATION	WHITE SOLID	YELLOW SOLID	YELLOW SKIP-DASH
	FT	FT	FT
LEFT EDGE LINE			
511+00 TO 511+93	93		
513+03 TO 565+31	5228		
566+15 TO 591+89	2574		
592+78 TO 618+18	2540		
619+18 TO 667+95	4877		
RIGHT EDGE LINE			
511+00 TO 512+17	117		
513+14 TO 565+15	5201		
566+11 TO 591+81	2570		
592+75 TO 618+19	2544		
619+16 TO 667+95	4879		
CENTER LINE			
511+00 TO 517+65		665	166
517+65 TO 529+65			300
529+65 TO 538+65		900	225
538+65 TO 541+65			75
541+65 TO 545+65		400	100
545+65 TO 561+65			400
561+65 TO 571+65		1000	250
571+65 TO 582+65		1100	275
582+65 TO 663+05			2010
663+05 TO 666+85		380	95
666+85 TO 667+95		220	
SUB TOTALS	30623.0	4665.0	3896.0
TOTAL	39184.0		

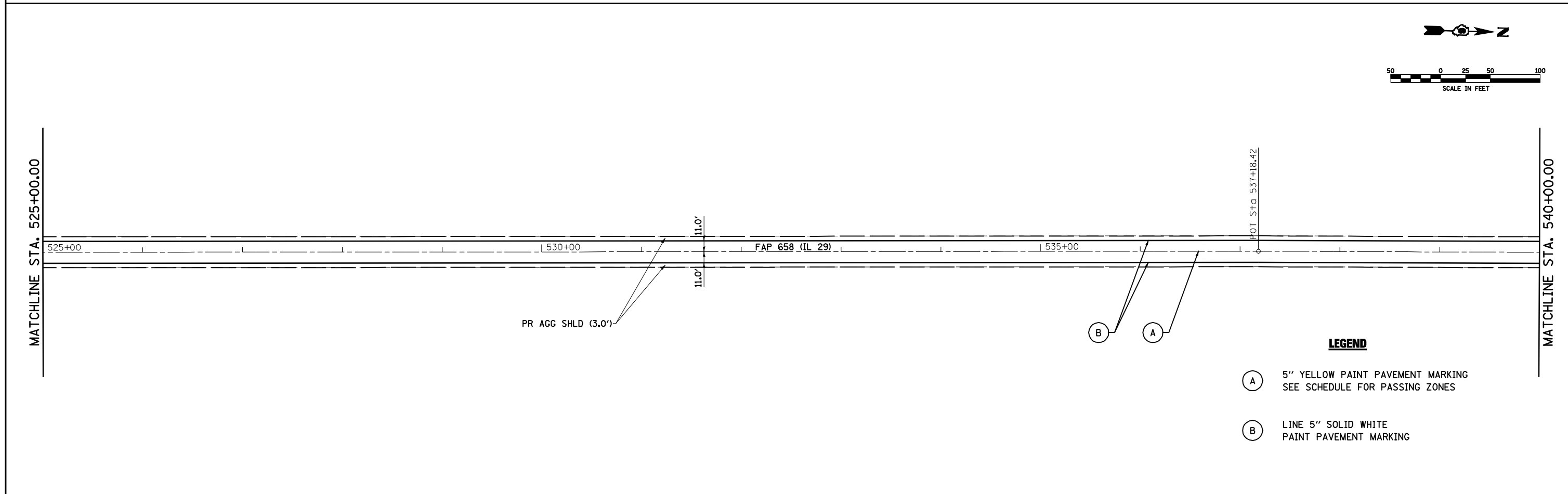
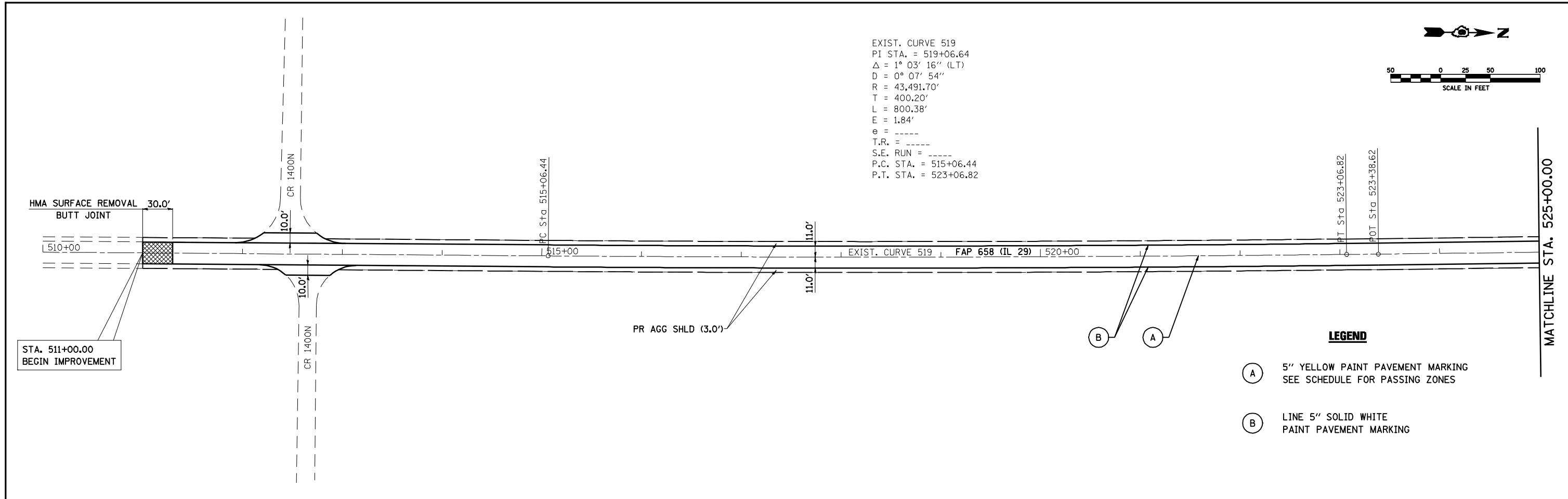
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PLOT DATE = Feb-03-2010 08:54:26AM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

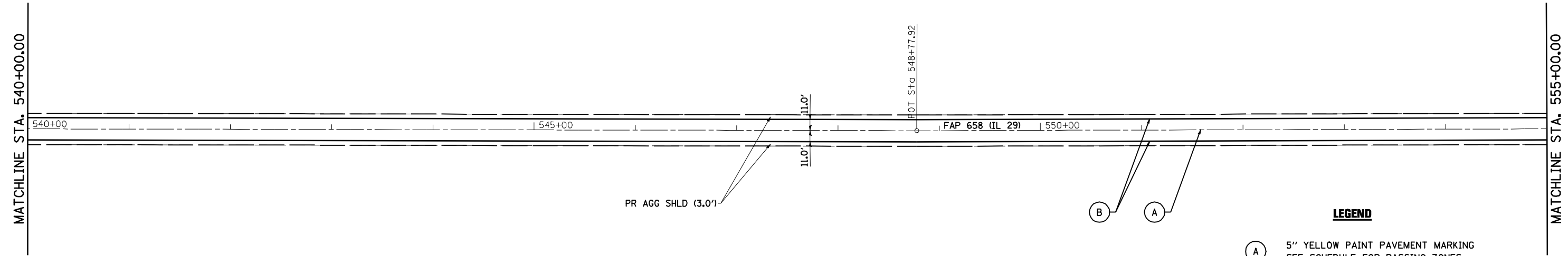
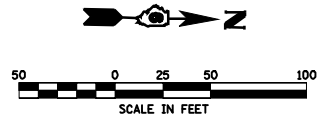
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

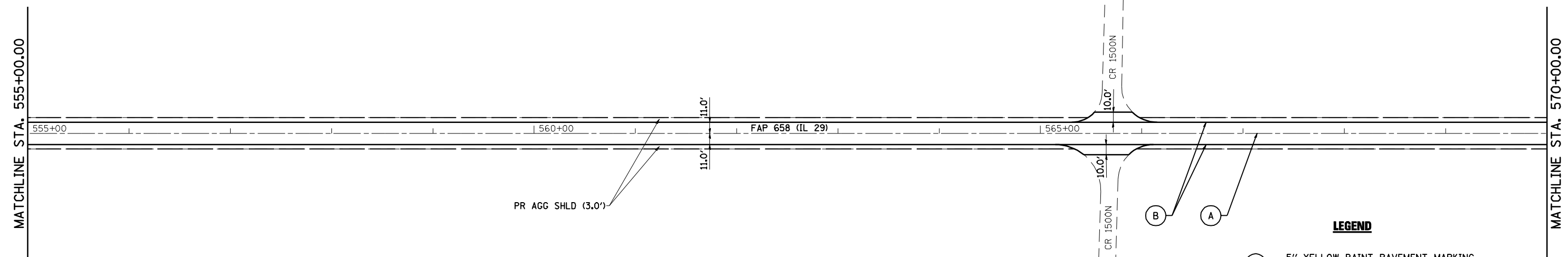
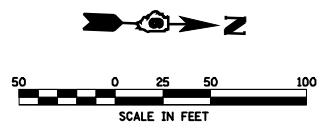
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1), GRS-5)	MASON	15	7
CONTRACT NO. 72A45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 658 (IL 29) PLAN SHEET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwwork\pwwid\LAUGHLINRL\dms26774\672445-SHT-plan1.dgn	DRAWN -	REVISED -	658						HRS-1), GRS-5)	MASON	15	8	
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PLOT DATE = Feb-03-2010 08:54:30AM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING



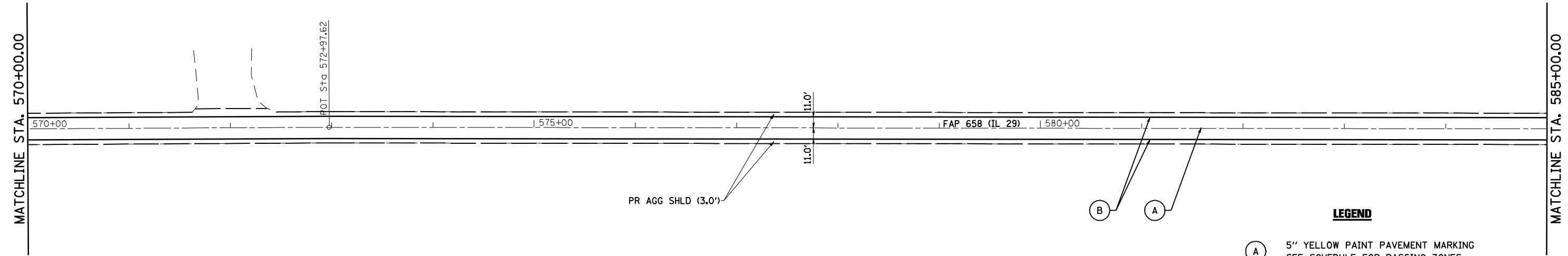
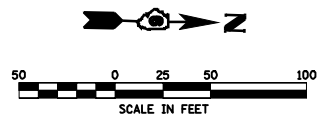
- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING

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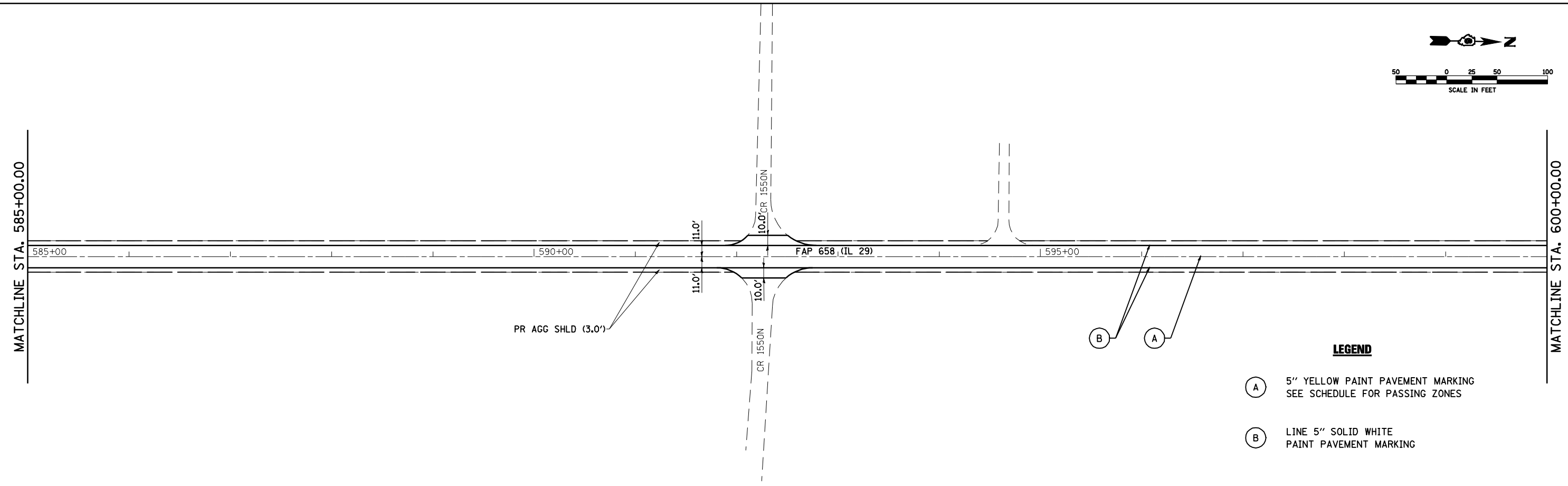
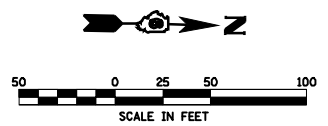
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 658 (IL 29) PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1, GRS-5	MASON	15	9
CONTRACT NO.			72A45	
ILLINOIS FED. AID PROJECT				

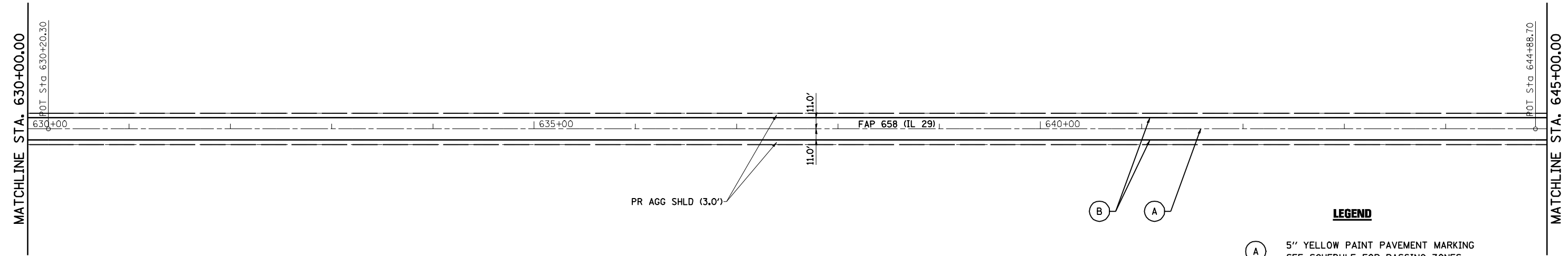
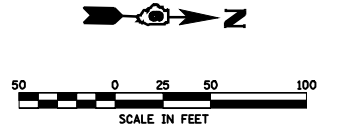


- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING

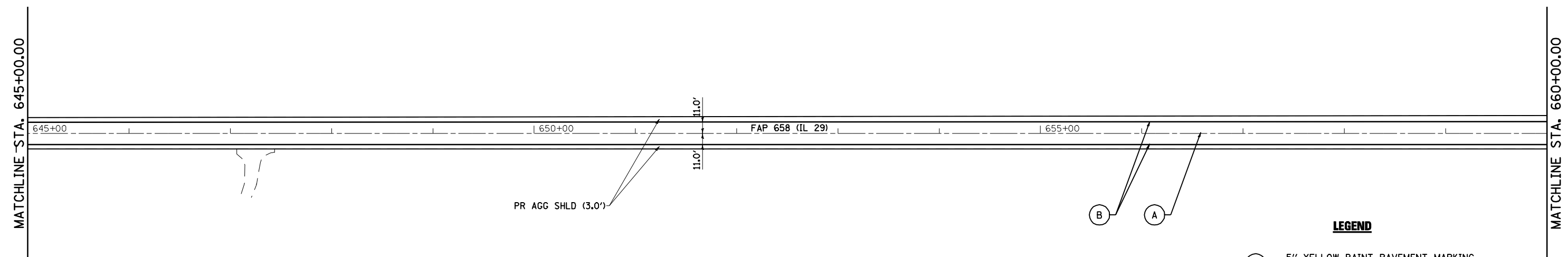
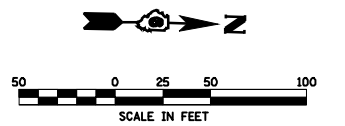


- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 658 (IL 29) PLAN SHEET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwwork\PWIDOT\LAUGHLINRL\dna26774	672A45-SHT-plan1.dgn	DRAWN -	REVISED -		658	HRS-1), GRS-5)	MASON	15	10				
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72A45				
	PLOT DATE = Feb-03-2010 08:54:37AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING



- LEGEND**
- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
 - (B) LINE 5" SOLID WHITE
PAINT PAVEMENT MARKING

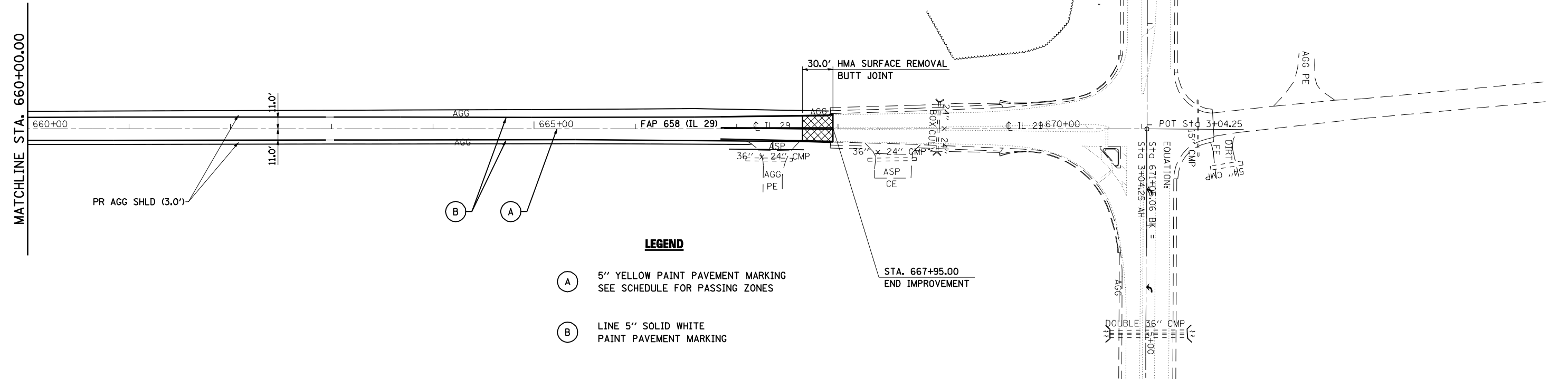
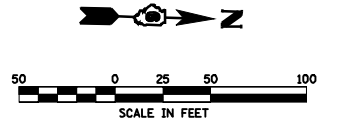
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PLOT DATE = Feb-03-2010 08:54:45AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 658 (IL 29) PLAN SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1), GRS-5)	MASON	15	12
CONTRACT NO. 72A45			ILLINOIS FED. AID PROJECT	

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



LEGEND

- (A) 5" YELLOW PAINT PAVEMENT MARKING
SEE SCHEDULE FOR PASSING ZONES
- (B) LINE 5" SOLID WHITE
PAVEMENT MARKING

STA. 667+95.00
END IMPROVEMENT

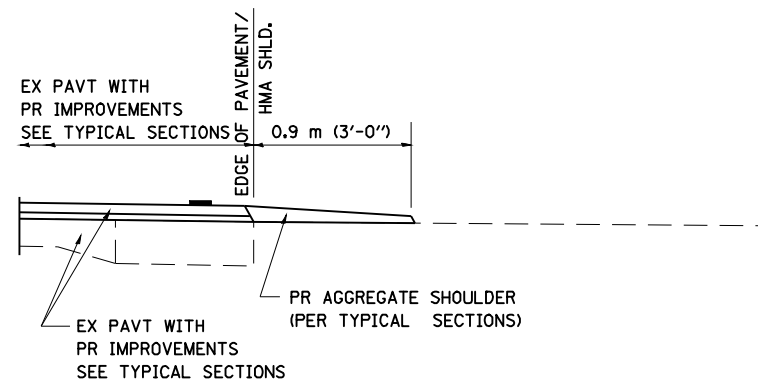
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PLOT DATE = Feb-03-2010 08:54:48AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

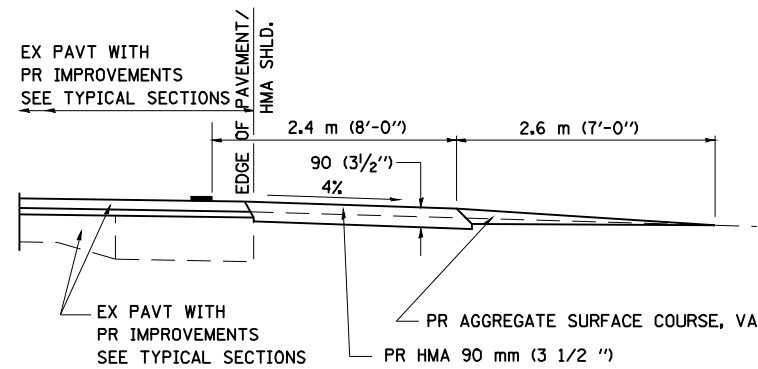
FAP 658 (IL 29) PLAN SHEET

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

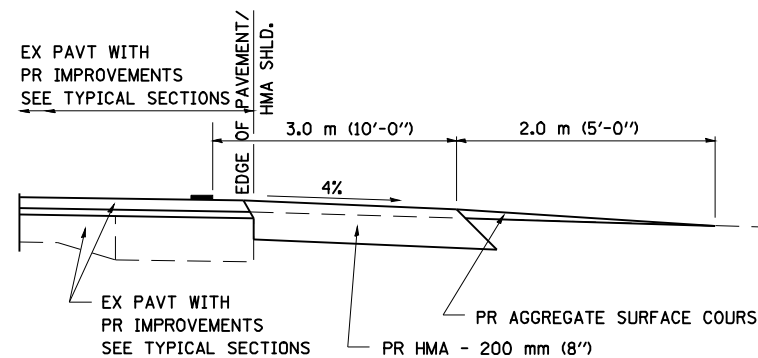
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1), GRS-5)	MASON	15	13
CONTRACT NO. 72A45			ILLINOIS FED. AID PROJECT	



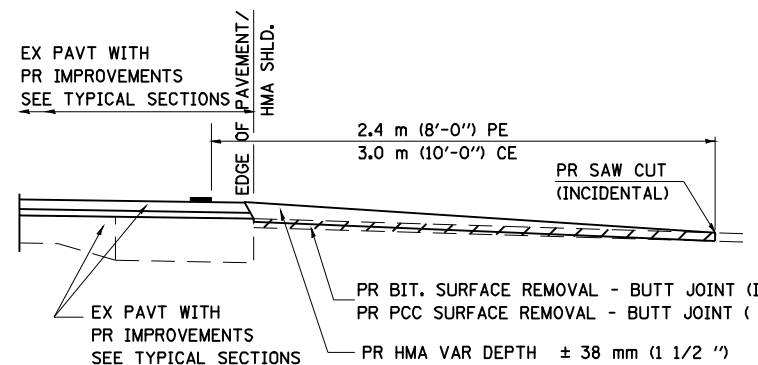
SECTION A-A FOR EX EARTH/AGGREGATE FE



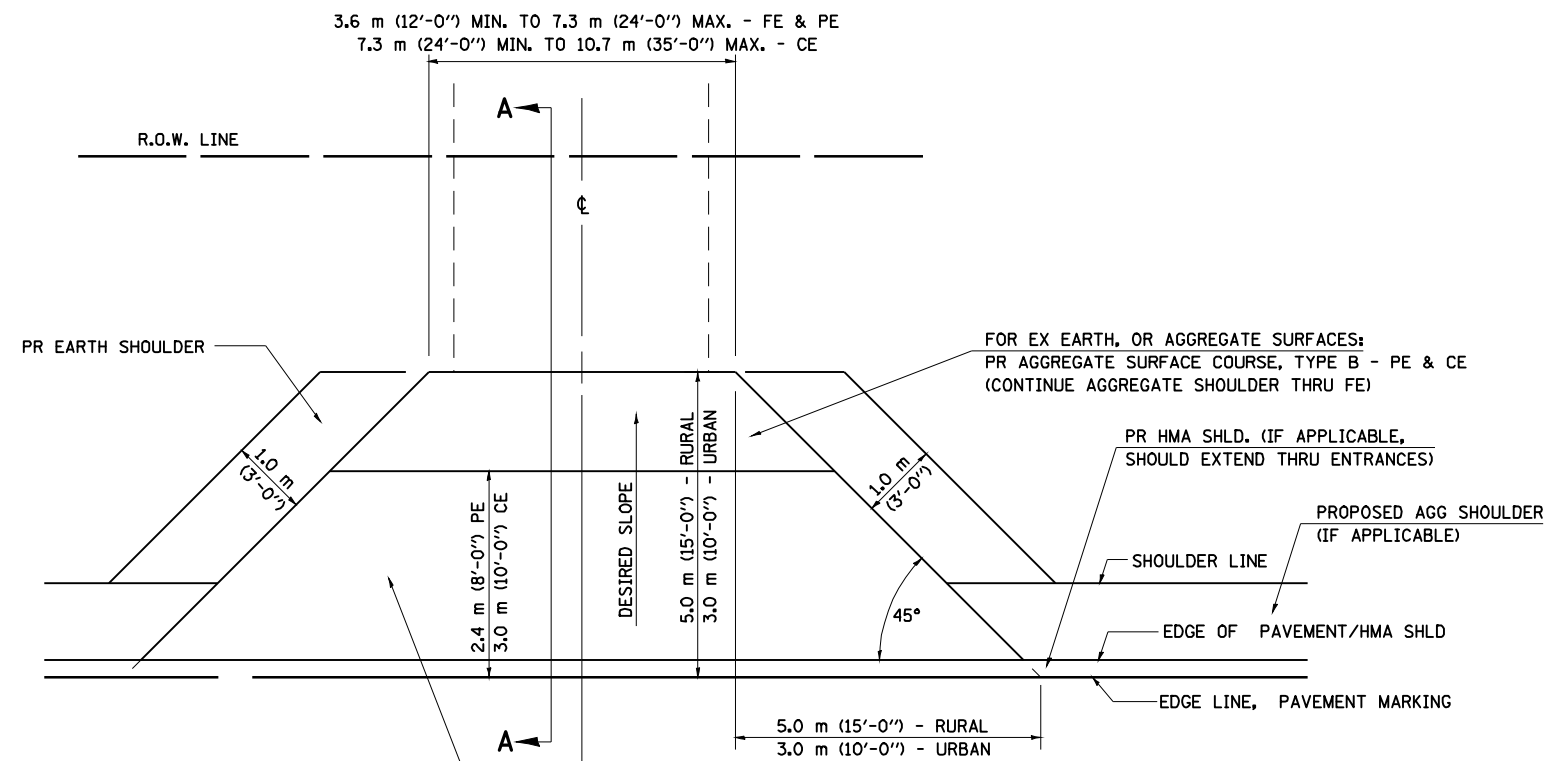
SECTION A-A FOR EX EARTH/AGGREGATE PE



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.

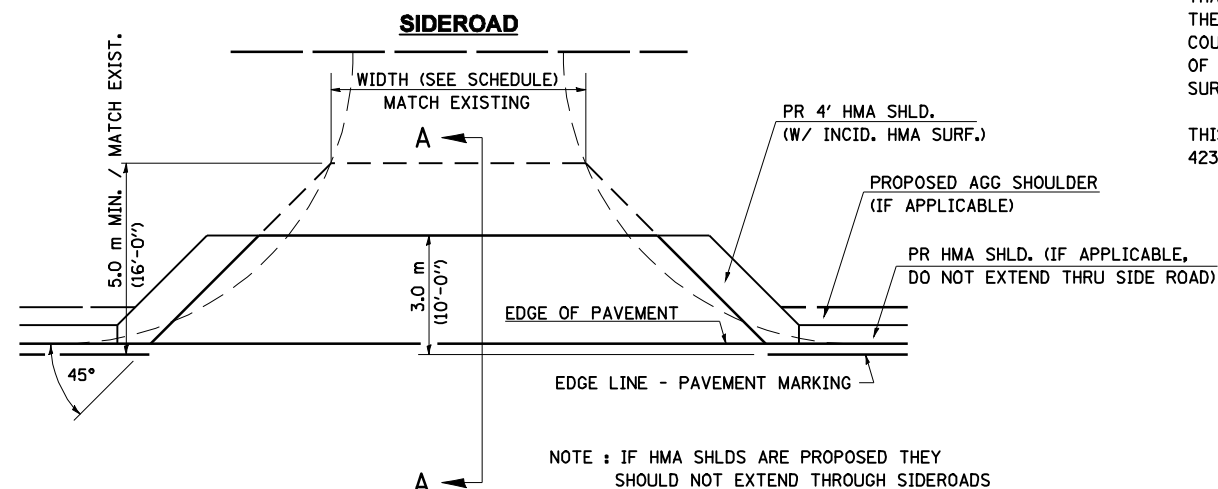
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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 = laughlinr1	DESIGNED -	REVISED - 2/19/03 JCN
e:\pwwork\pwwid01\LAUGHLINRL\dms26774\672045-shd-DETAILS.dgn		DRAWN - CADD	REVISED - 4/01/04 JCN
ENT PPP.DGN	PLOT SCALE = 40.0000 ' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Feb-03-2010 08:54:50AM	DATE - FEBRUARY 23, 1999	REVISED -

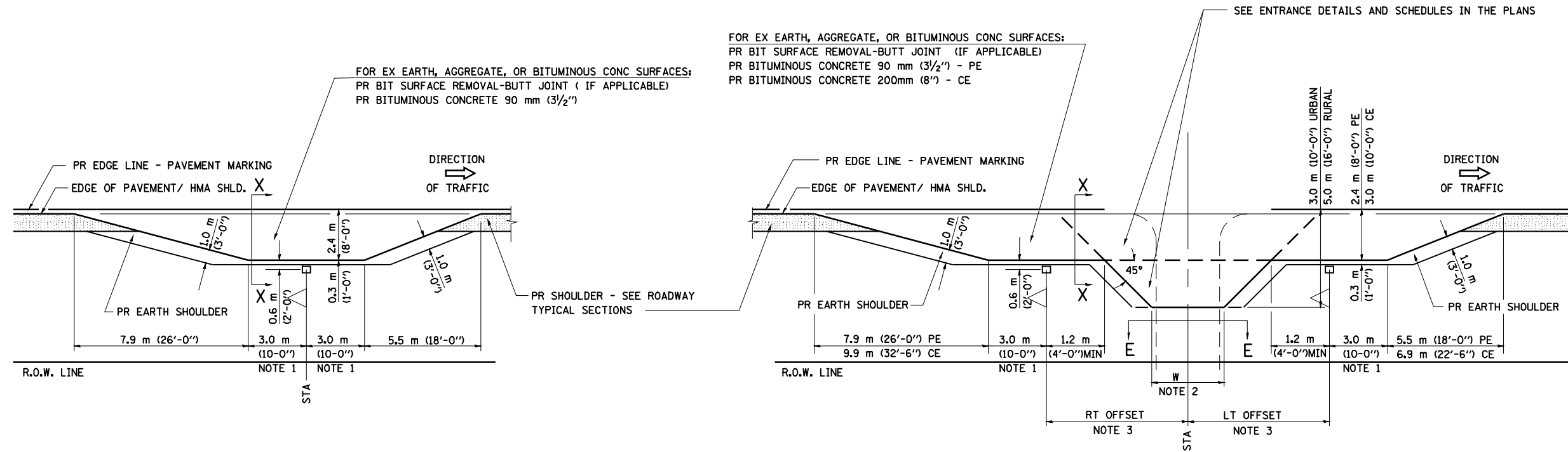
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

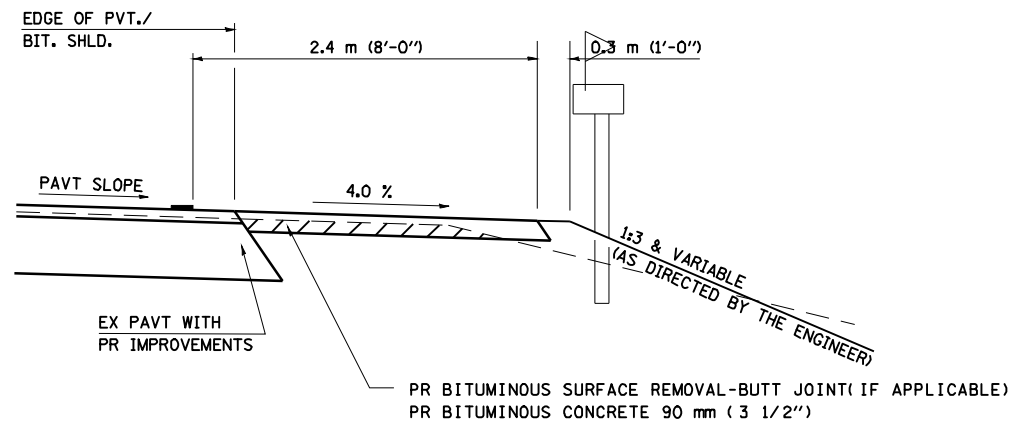
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1), GRS-5)	MASON	15	14
CONTRACT NO. 72A45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS



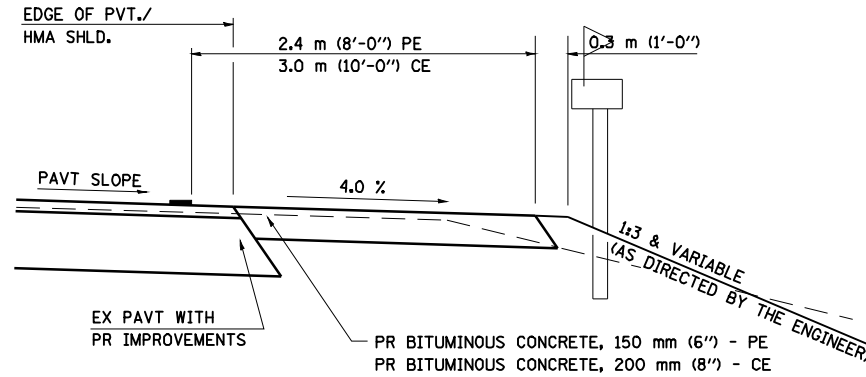
PLAN - MAILBOX TURNOUTS

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
entppp.dgn	672445-shd-DETAILS.dgn	DRAWN - CADD	REVISED - 4/01/04 JCN
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Feb-03-2010 08:54:53AM	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 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	HRS-1), GRS-5)	MASON	15	15
CONTRACT NO. 72A45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				