

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

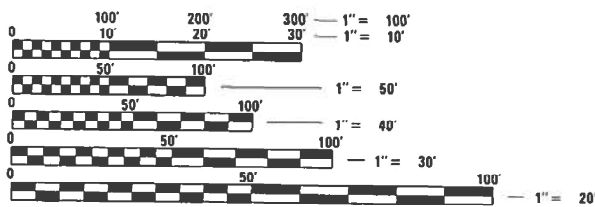
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET	SHEET NO.
320	116 RS 5 117 RS 9	LOGAN	21	1
		1 LIN 5	CONTRACT NO 72M69	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 - 5 SUMMARY OF QUANTITIES
- 6 - 9 SCHEDULES OF QUANTITIES
- 10 TYPICAL SECTIONS
- 11 - 17 PLAN SHEETS
- 18 - 21 DETAIL SHEETS

STANDARDS

- 000001-08 701201-05 420001-10
- 001006 701301-04 667101-02
- 442201-03 701306-04 725001-01
- 630001-12 701311-03
- 630101-10 701901-08
- 631031-17 780001-05
- 630301-09 781001-04
- 701001-02 782006-01
- 701006-05



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 EXCAVATORS
1-800-892-0123
OR 811

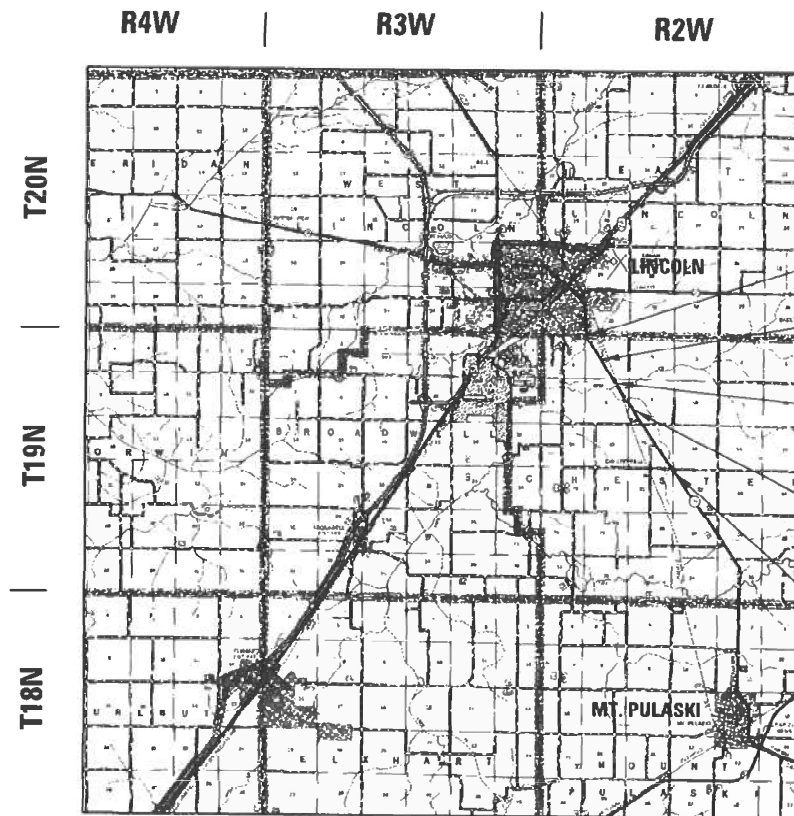
PROJECT ENGINEER: JON KELLEY
PROJECT MANAGER: BRIAN MINDER

CONTRACT NO. 72M69

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 320 (IL 121)
SECTION (116)RS-5, (117)RS-9
PROJECT NHPP-DIH4(994)
3P RESURFACING
LOGAN COUNTY

C-96-041-21



BEGIN SECTION (116)RS-5, (117)RS-9
STA. 59 + 38.00 IL 121

STA. EQUATION
STA. 77 + 50.00 BK =
STA. 29 + 91.90 AH

BRIDGE OMISSION:
STA. 79 + 78.20 TO
STA. 82 + 30.60
SN 054-0106

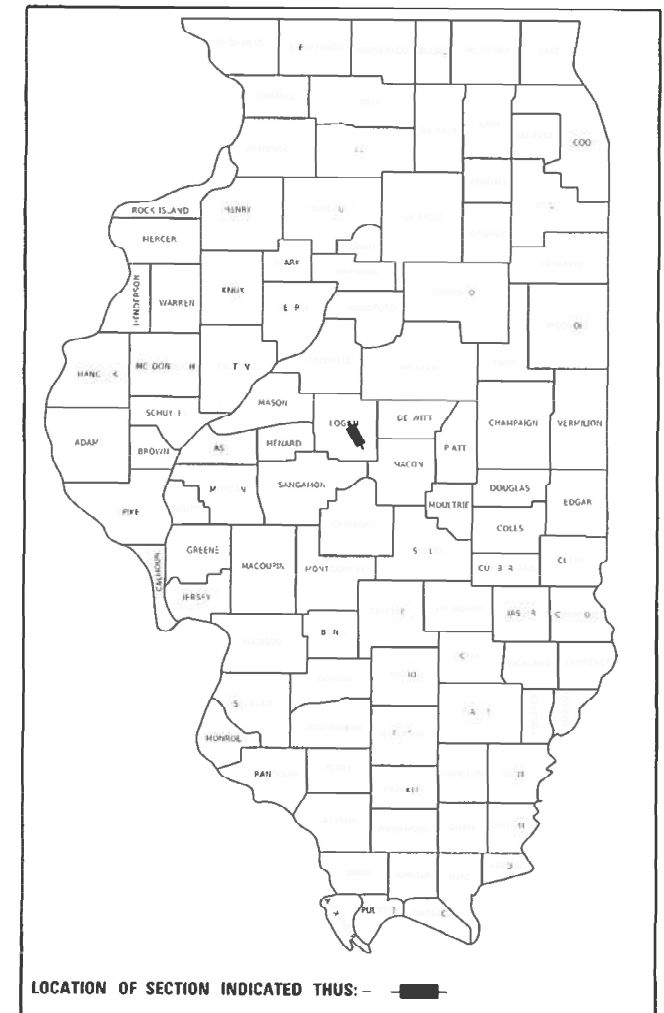
STA. EQUATION
STA. 97 + 97.79 BK =
STA. 10 + 68.57 AH

END SECTION (116)RS-5, (117)RS-9
STA. 129 + 24.42 IL 121



GROSS LENGTH = 20,473.74 FT. = 3.878 MILE
NET LENGTH = 20,221.34 FT. = 3.830 MILE

D-96-022-21



LOCATION OF SECTION INDICATED THUS: [Symbol]

FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL
ADT = 4,520 (2019)
MU: 485, SU: 415, PV: 3,620 (2019)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 10, 2021

Jon Kelley REGIONAL ENGINEER

February 4, 2022

Steph M. Smith ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022

Steph M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE (3) WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
2. THE DISTRICT 6 BUREAU OF OPERATIONS SHALL BE NOTIFIED BY PHONE (217) 785-5306 AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.

COMMITMENTS

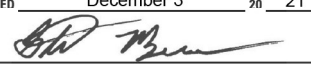
RATES OF APPLICATION

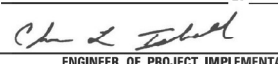
BIUMINOUS MATERIAL (TACK COAT)	0.05 POUNDS / SQ FT MAINLINE 0.025 POUNDS / SQ FT MAINLINE BETWEEN LIFTS 0.25 POUNDS / SQ FT FOR AGGREGATE SURFACES
HOT-MIX ASPHALT COURSES	112 POUNDS / SQ YD - INCH THICKNESS
AGGREGATE MATERIALS	1.6 TONS / CU YD


MIXTURE REQUIREMENTS

MIXTURE USES:	POLY HMA SURFACE COURSE IL 9.5, 1 1/2"	HMA BINDER COURSE IL 9.5 FG, 1 1/4"	HMA SHOULDERS (TOP LIFT) 1 1/2"	HMA SHOULDERS (BOTTOM LIFT) 1 1/4"	INCIDENTAL HMA	PAVEMENT PATCHING
PG:	SBS PG 64-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-9.5 FG	IL-9.5	IL-9.5 FG	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	MIX "C"	N/A	MIX "C"	N/A
MIXTURE WEIGHT:	112 LB / SQ YD-INCH	112 LB / SQ YD-INCH	112 LB / SQ YD-INCH	112 LB / SQ YD-INCH	112 LB / SQ YD-INCH	112 LB / SQ YD-INCH
QUALITY MANAGEMENT:	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A	N/A	N/A	N/A
MTD REQUIRED:	YES	NO	NO	NO	NO	NO

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED December 3 2021

ENGINEER OF OPERATIONS

EXAMINED December 8 2021

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED December 6 2021

ENGINEER OF PROGRAM DEVELOPMENT

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DRAWN - _____	REVISED - _____	320				(116)RS-5, (117)RS-9	LOGAN	21	2		
PLOT SCALE = 20.0000' / 1"	CHECKED - _____	REVISED - _____		SCALE: N/A		SHEET 1 OF 1 SHEETS		STA. N/A TO STA. N/A	CONTRACT NO. 72M69		
PLOT DATE = 12/14/2021	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							

PPS NO: 6-01056-0000
 80% FEDERAL
 20% STATE
 IL 121 RDWY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20400800	FURNISHED EXCAVATION	CU YD	50	50
35800100	PREPARATION OF BASE	SQ YD	325	325
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	15	15
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	44,902	44,902
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19,990	19,990
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,075	2,075
40600990	TEMPORARY RAMP	SQ YD	336	336
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N50	TON	3,703	3,703
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	4,492	4,492
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	898	898
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	250	250
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	66,632	66,632
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	300	300
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	50	50

REV. - MS

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PLT DATE = 12/14/2021		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116)RS-5, (117)RS-9	LOGAN	21	3
CONTRACT NO. 72M69			ILLINOIS FED. AID PROJECT	

PPS NO: 6-01056-0000
80% FEDERAL
20% STATE
IL 121 RDWY
0005
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
44200198	PAVEMENT PATCHING, TYPE IV, 16 INCH	SQ YD	50	50
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	841	841
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,124	2,124
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	FOOT	250	250.0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	850	850
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,077	6,077
70300150	SHORT-TERM PAVEMENT MARKING REMOVAL	SQ FT	2,005	2,005

* SPECIALTY ITEM

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PLT DATE = 12/14/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116)RS-5, (117)RS-9	LOGAN	21	4
			CONTRACT NO. 72M69	
		ILLINOIS FED. AID PROJECT		

PPS NO: 6-01056-0000
 80% FEDERAL
 20% STATE
 IL 121 RDWY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	122	122
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	51,407	51,407
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	253	253
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	11	11
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	253	253
Z0034105	MATERIAL TRANSFER DEVICE	TONS	4,492	4,492
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
∅ Z0076600	TRAINEES	HOUR	1,500	1,500
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,500	1,500

* SPECIALTY ITEM
 ∅ 0042

REV. - MS

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PLOT SCALE = 20.0000' / in.	CHECKED + _____	REVISED + _____		SCALE: N/A	SHEET 3	OF 3 SHEETS	STA. N/A	TOT STA. N/A	CONTRACT NO. 72M69			
PLOT DATE = 12/14/2021	DATE + _____	REVISED + _____		ILLINOIS FED. AID PROJECT								

GUARDRAIL SCHEDULE											
STA.		STA.		LENGTH (FOOT)	63000001 SPBGR, TY A, 6' POSTS (FOOT)	78200005 GUARDRAIL REFL, TY A (EACH)	63100167 TBT TY 1 (SPCL) TANGENT (EACH)	63100085 TBT TY 6 (EACH)	63200310 GUARDRAIL REM (FOOT)	725 01000 TERM MKR - DIRECT APPL (EACH)	
IL 121 RT											
77+92.10	RT	to	78+42.10	RT	50.0	1	1			1	
78+42.10	RT	to	79+42.10	RT	100.0	100.0	1		250.0		
79+42.10	RT	to	79+79.00	RT	36.9	1		1			
82+29.20	RT	to	82+66.10	RT	36.9	1		1			
82+66.10	RT	to	82+91.10	RT	25.0	25.0	1		175.0		
82+91.10	RT	to	83+41.10	RT	50.0	1	1			1	
IL 121 LT											
78+67.10	LT		79+17.10	LT	50.0	1	1			1	
79+17.10	LT		79+42.10	LT	25.0	25.0	1		175.0		
79+42.10	LT		79+79.00	LT	36.9	1		1			
82+29.20	LT		82+66.10	LT	36.9	1		1			
82+66.10	LT		83+66.10	LT	100.0	100.0	1		250.0		
83+66.10	LT		84+16.10	LT	50.0	1	1			1	
TOTAL=					250.0	11	4	4	850.0	4	

REMOVAL SCHEDULE						
STA.		STA.		LENGTH (FOOT)	44000155 HMA SURF REM, 1 1/2" (SQ YD)	
IL 121						
59+13.00		to	77+50.00	BK	1,837	6,123
STA EQ						
29+91.90	AH	to	79+58.16		4,966	16,554
BR OMISSION						
82+50.58		to	86+20.28		370	1,232
PVG OMISSION						
88+61.95		to	97+97.79	BK	936	3,119
STA EQ						
10+68.57	AH	to	129+49.42		11,881	39,603
TOTAL=					66,632	

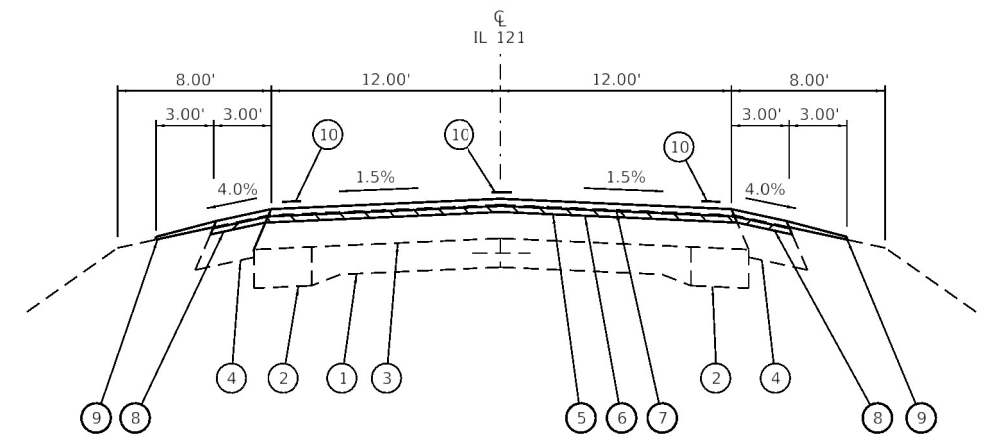
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PLOT DATE = 12/14/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE: N/A	SHEET 3	OF 4 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116)RS-5, (117)RS-9	LOGAN	21	8
CONTRACT NO. 72M69			ILLINOIS FED. AID PROJECT	



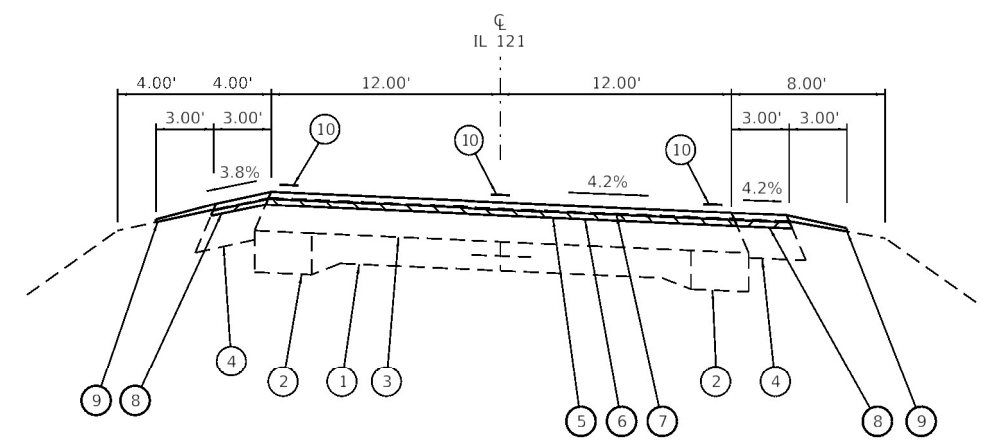
STA. 66+16.71 TO STA. 77+50.00
 STA. 29+19.90 TO STA 79+58.00
 STA. 82+50.00 TO STA. 85+97.00
 STA. 88+62.00 TO STA 97+97.79
 STA. 10+68.57 TO STA 129+24.42

STA EQ STA 77+50.00 BK =
 STA 29+91.90 AH

BRIDGE OMISSION
 STA 79+78.20 TO STA 82+30.60

PAVING OMISSION
 STA 86+20.30 TO STA 88+62.00

STA EQ STA 97+97.79 BK =
 STA 10+68.57 AH



STA. 59+38.00 TO STA. 66+16.71 (LT) SE = 4.2%

LEGEND

- ① EXIST 9-6-9 PCC PAVEMENT
- ② EXIST PCC WIDENING, 9"
- ③ EXIST HMA OVERLAY, 9"
- ④ EXIST HMA SHOULDER, 8"
- ⑤ PROP HMA SURFACE REMOVAL, 1 1/2"
- ⑥ PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
- ⑦ PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, N50, 1 1/2"
- ⑧ PROP HMA SHOULDERS, 2 3/4" (2 LIFTS)
- ⑨ PROP AGGREGATE WEDGE SHOULDERS
- ⑩ PROP PAVEMENT STRIPING

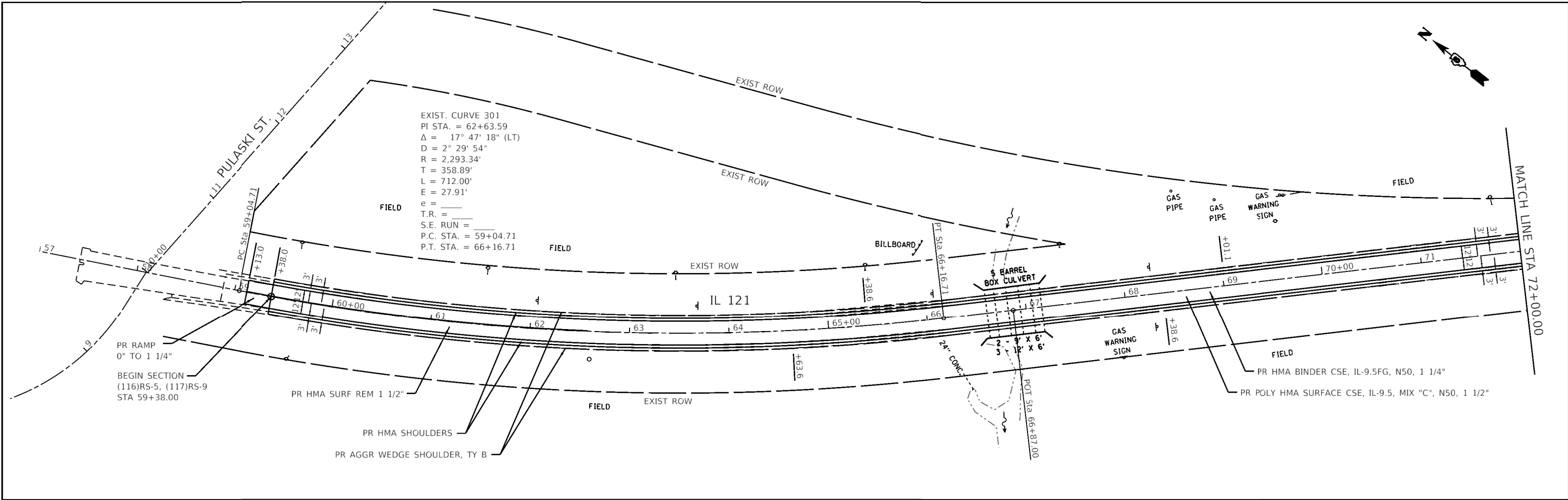
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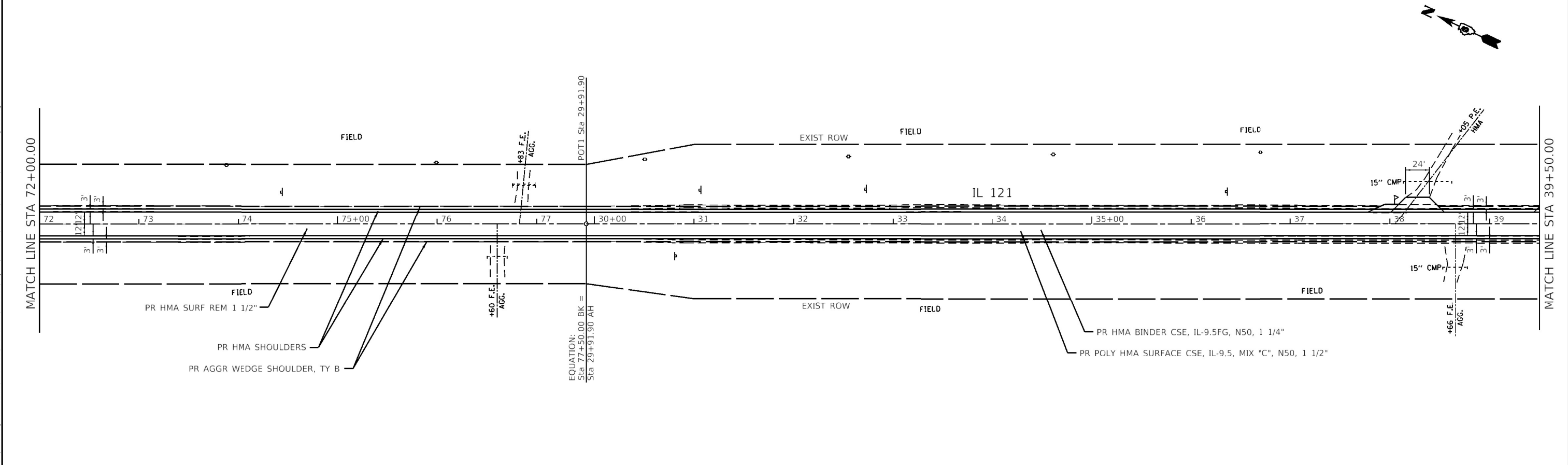
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N/A	SHEET 1 OF 1 SHEETS
STA. N/A	TO STA. N/A

F.A.P. RTE. 320	SECTION (116)RS-5, (117)RS-9	COUNTY LOGAN	TOTAL SHEETS 21	SHEET NO. 10
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 301
 PI STA. = 62+63.59
 $\Delta = 17^\circ 47' 18''$ (LT)
 $D = 2^\circ 29' 54''$
 $R = 2,293.34'$
 $T = 358.89'$
 $L = 712.00'$
 $E = 27.91'$
 $e =$ _____
 $T.R. =$ _____
 $S.E. RUN =$ _____
 $P.C. STA. = 59+04.71$
 $P.T. STA. = 66+16.71$



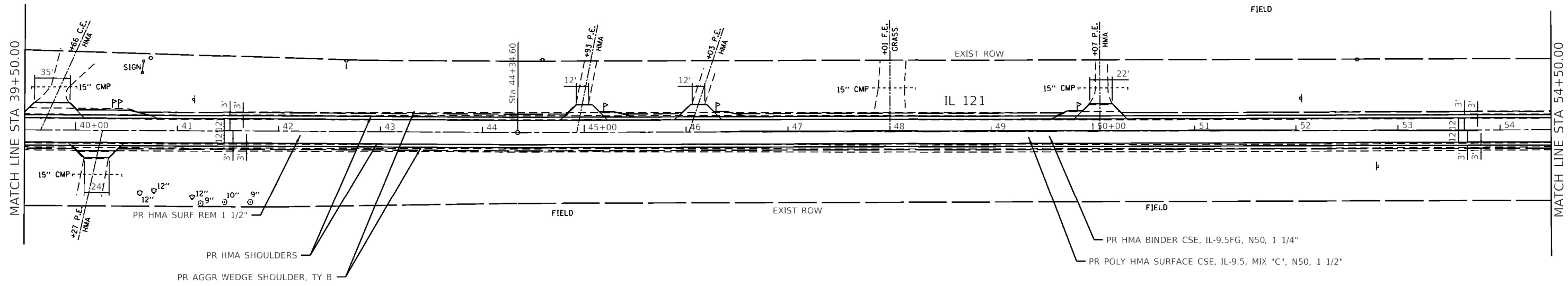
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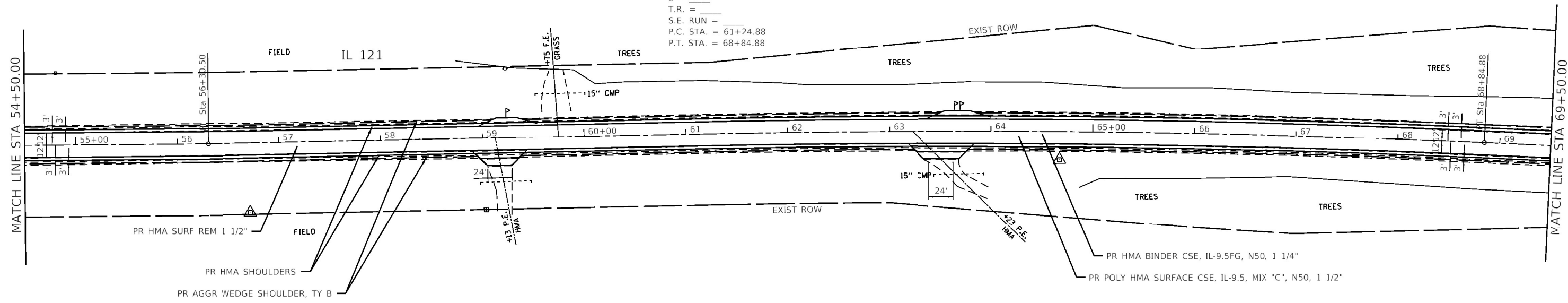
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE: 1" = 50'	SHEET 1	OF 7 SHEETS	STA. 59+38.00 TO STA. 39+50.00

F.A.P. RTE. 320	SECTION (116) R5-5, (117) R5-9	COUNTY LOGAN	TOTAL SHEETS 21	SHEET NO. 11
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 307
 PI STA. = 65+05.01
 $\Delta = 3^\circ 41' 43''$ (RT)
 $D = 0^\circ 29' 10''$
 $R = 11,783.96'$
 $I = 380.13'$
 $L = 760.00'$
 $E = 6.13'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 61+24.88
 P.T. STA. = 68+84.88



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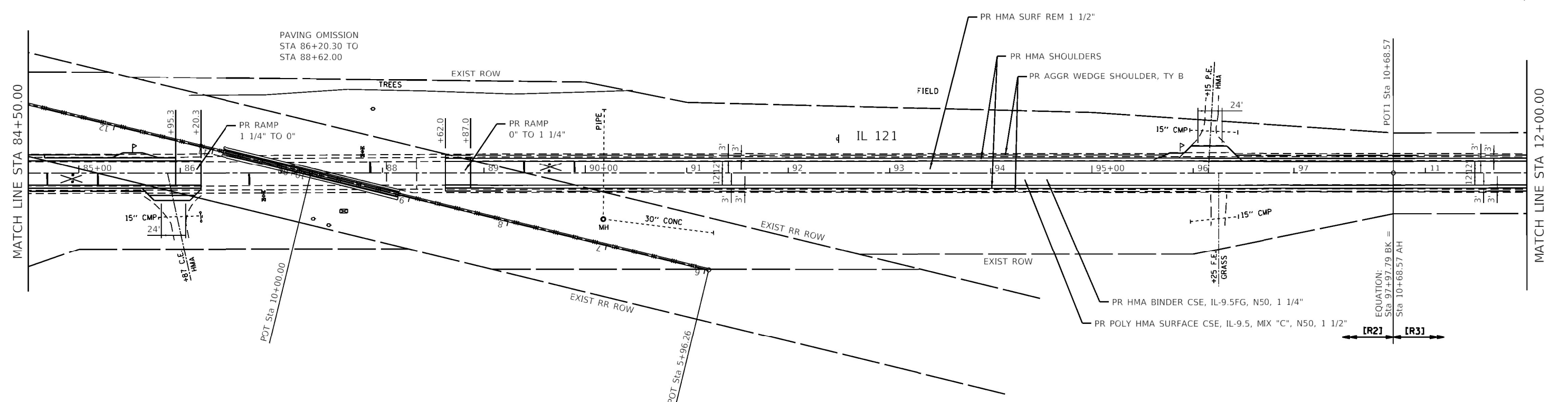
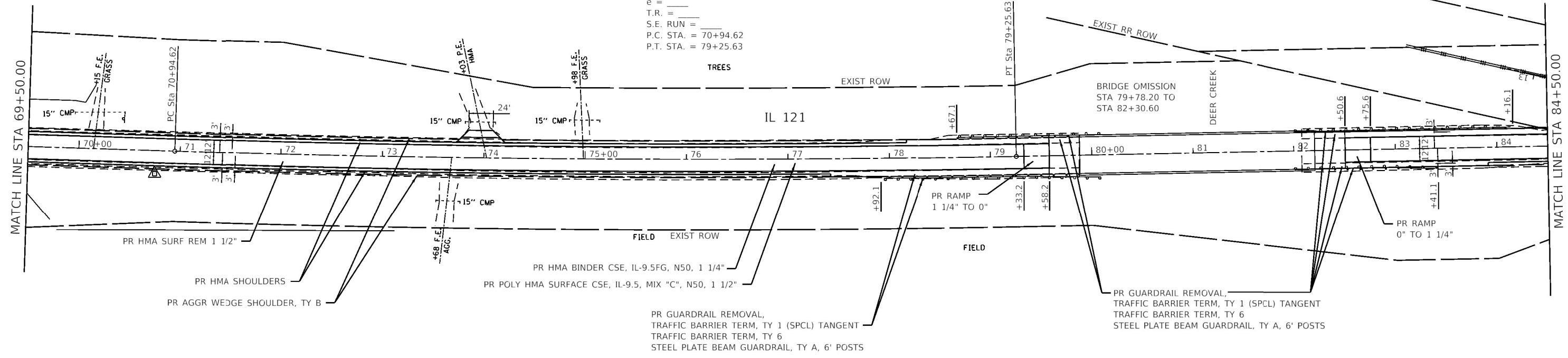
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. 39+50.00 TO STA. 69+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116) R5-5, (117) R5-9	LOGAN	21	12
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 308
 PI STA. = 75+10.22
 $\Delta = 2^\circ 56' 26''$ (LT)
 $D = 0^\circ 21' 14''$
 $R = 16,191.96'$
 $T = 415.60'$
 $L = 831.01'$
 $E = 5.33'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 70+94.62
 P.T. STA. = 79+25.63



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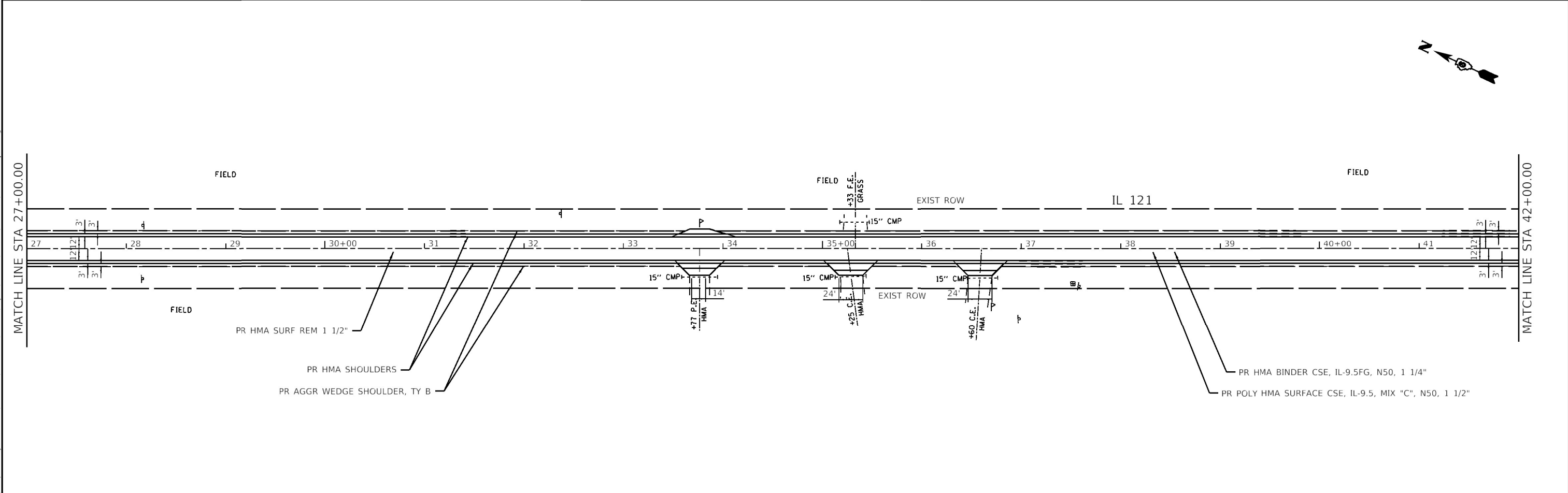
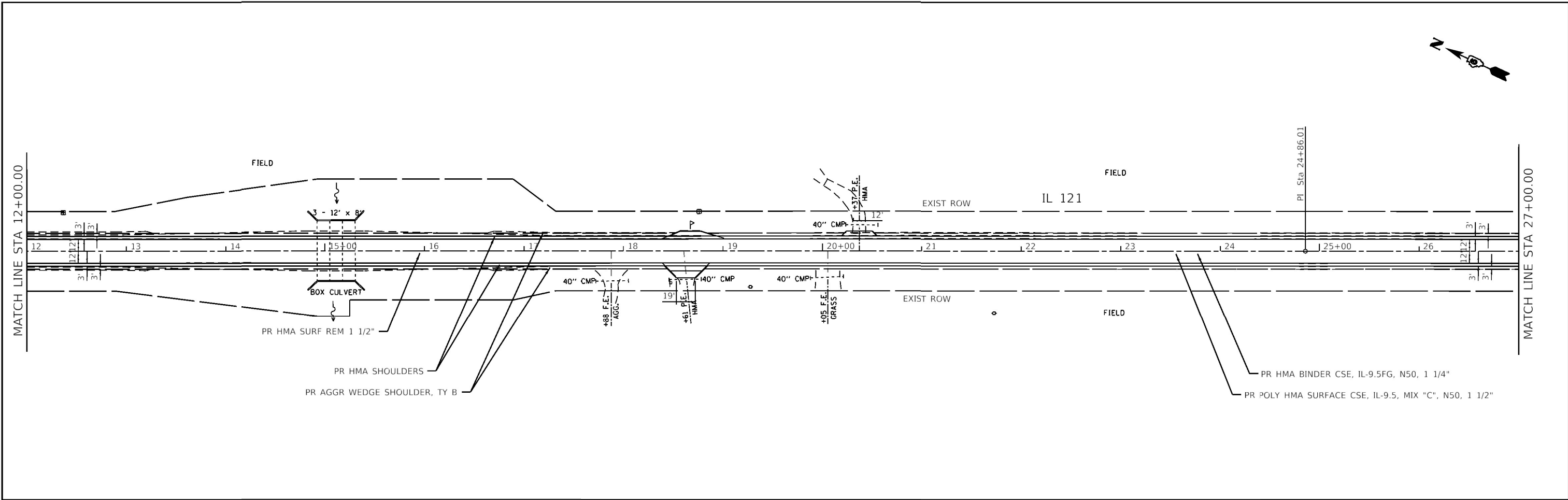
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DRAWN - _____	REVISED - _____	REVISED - _____
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PLOT DATE = 12/14/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 1" = 50'	SHEET 3	OF 7 SHEETS	STA. 69+50.00 TO STA. 12+00.00

F.A.P. RTE. 320	SECTION (116) R5-5, (117) R5-9	COUNTY LOGAN	TOTAL SHEETS 21	SHEET NO. 13
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 72M69



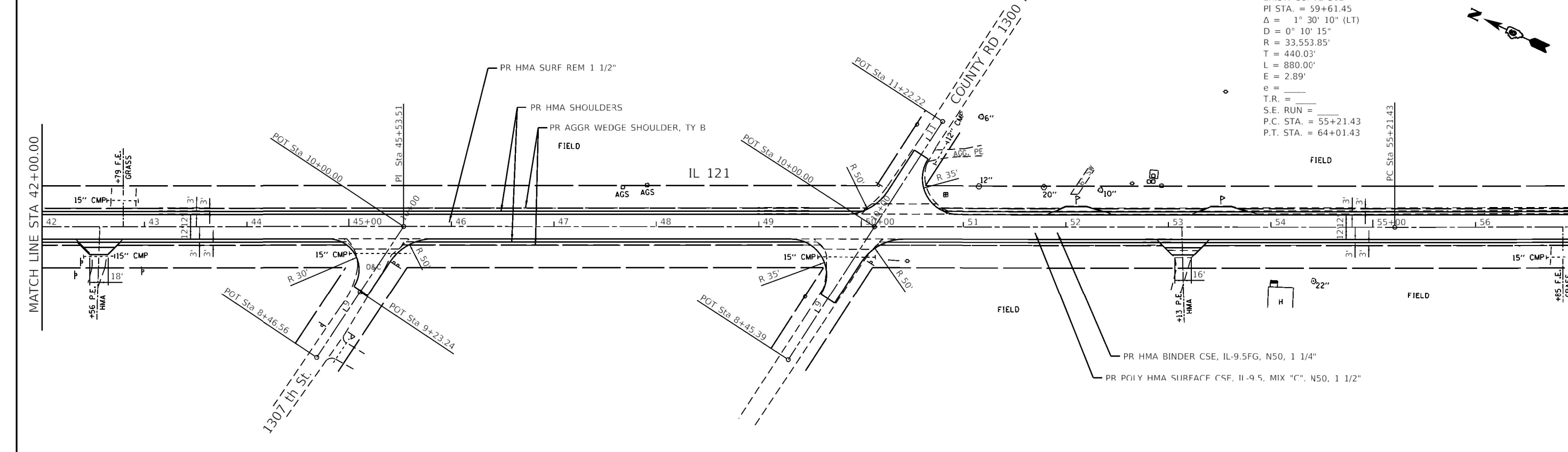
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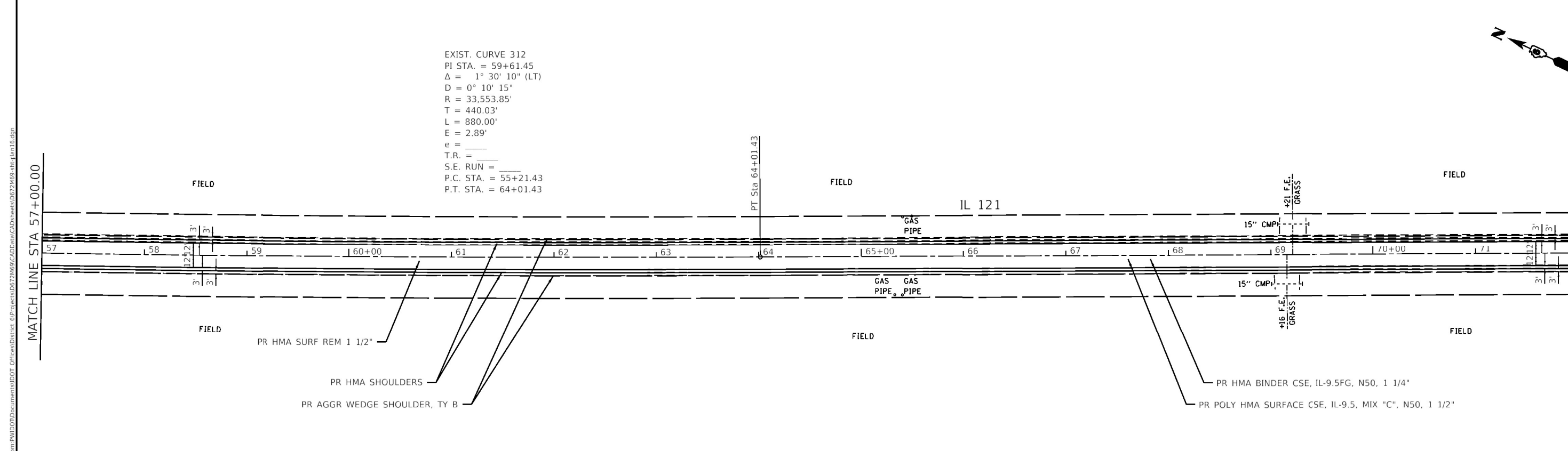
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE: 1" = 50'	SHEET 4	OF 7 SHEETS	STA. 12+00.00 TO STA. 42+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116) R5-5, (117) R5-9	LOGAN	21	14
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 312
 PI STA. = 59+61.45
 Δ = 1° 30' 10" (LT)
 D = 0° 10' 15"
 R = 33,553.85'
 T = 440.03'
 L = 880.00'
 E = 2.89'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 55+21.43
 P.T. STA. = 64+01.43



EXIST. CURVE 312
 PI STA. = 59+61.45
 Δ = 1° 30' 10" (LT)
 D = 0° 10' 15"
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 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 55+21.43
 P.T. STA. = 64+01.43

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 DATE: 12/14/2021

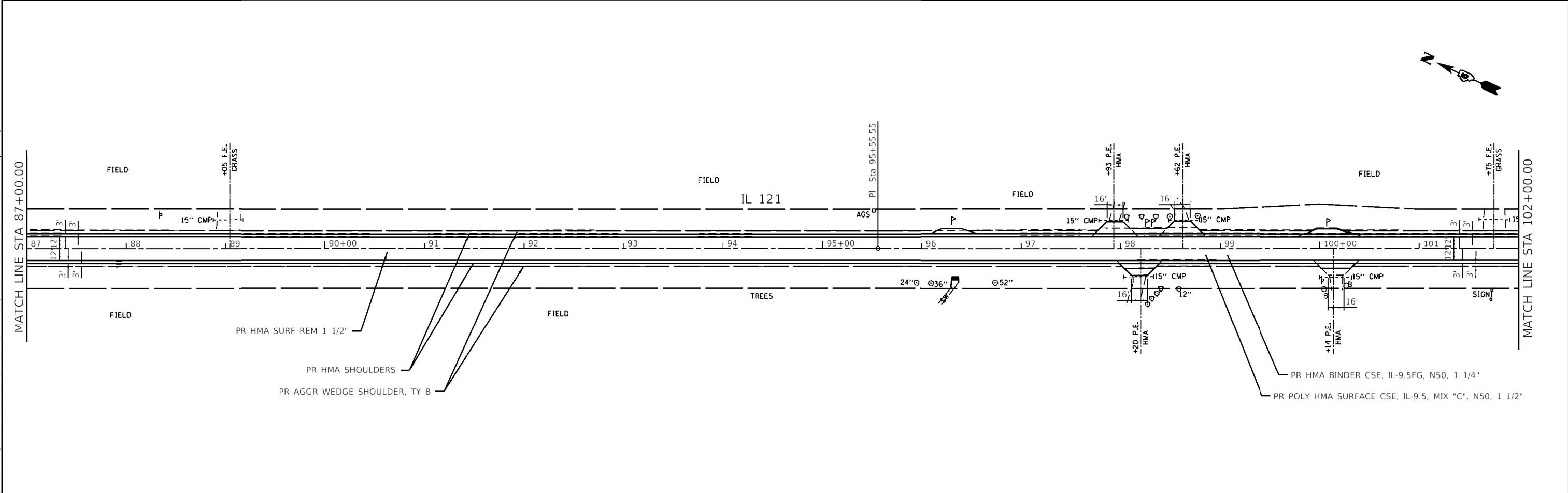
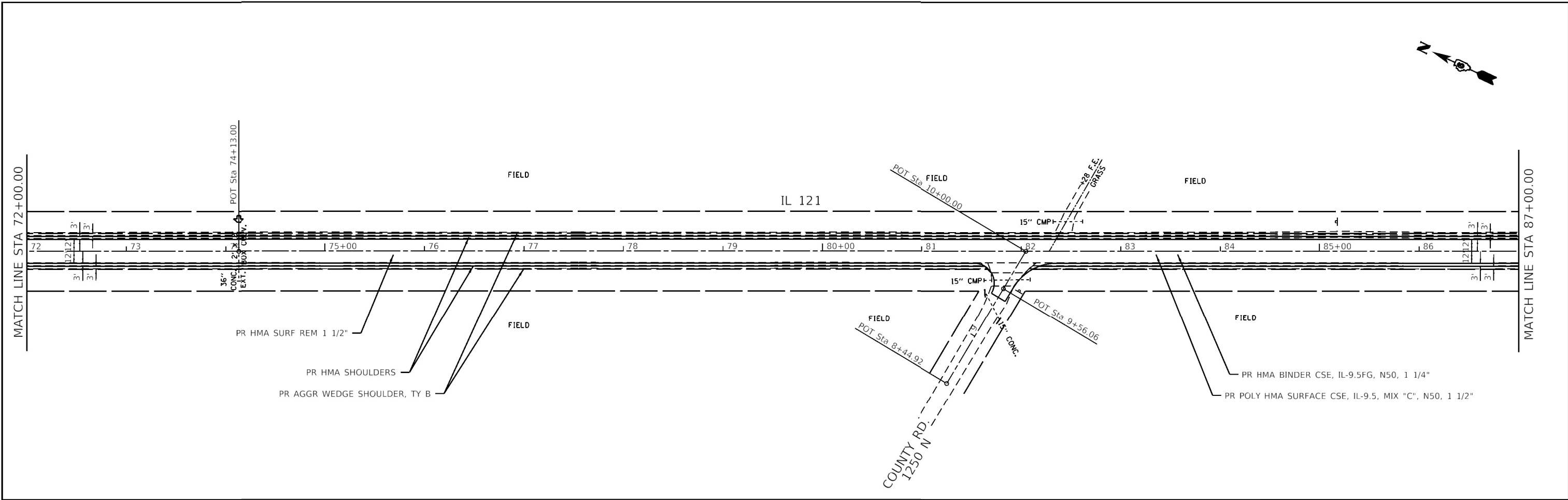
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PLOT DATE = 12/14/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 42+00.00 TO STA. 72+00.00

F.A.P. RTE. = 320	SECTION = (116) R5-5, (117) R5-9	COUNTY = LOGAN	TOTAL SHEETS = 21	SHEET NO. = 15
CONTRACT NO. 72M69			ILLINOIS FED. AID PROJECT	



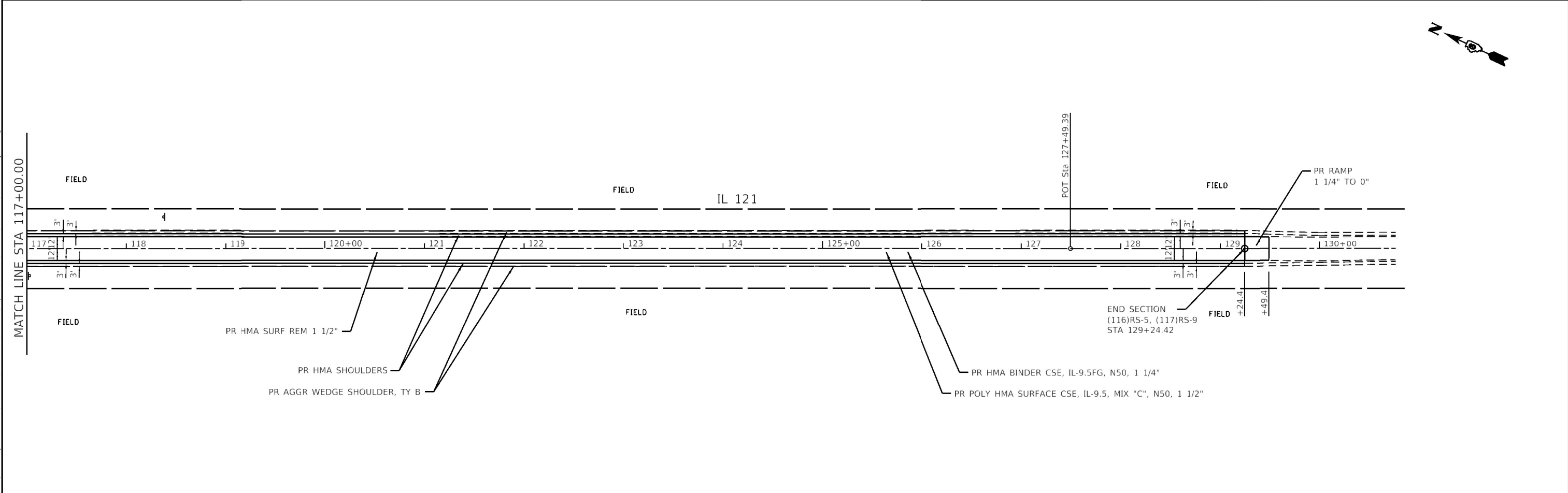
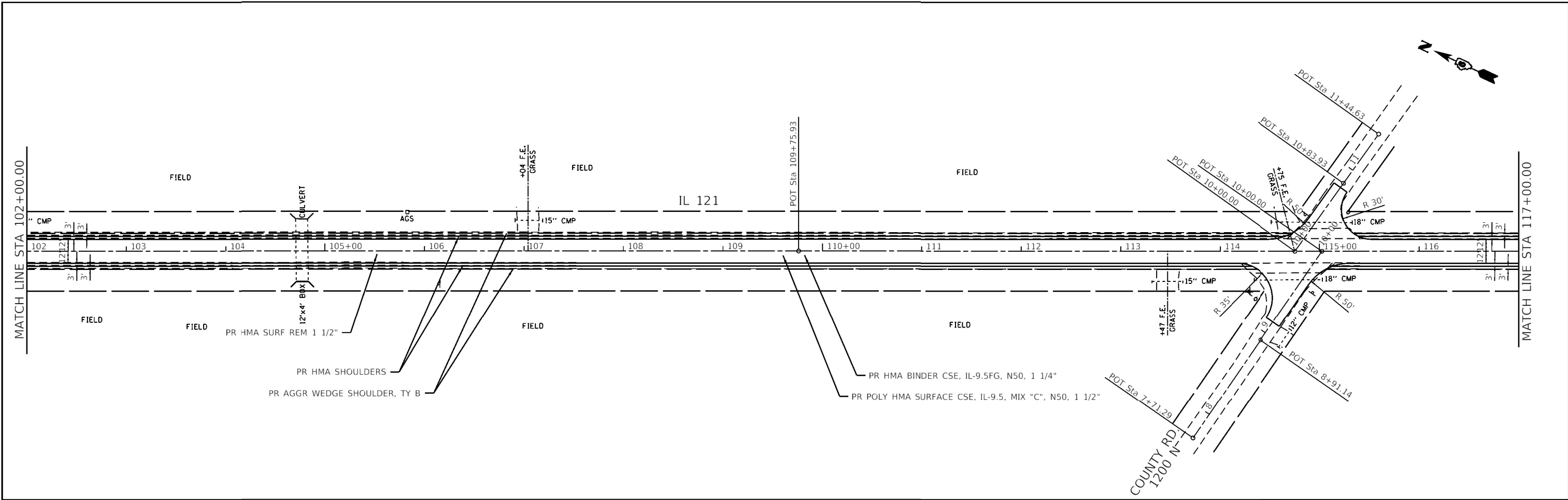
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	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE: 1" = 50'	SHEET 6	OF 7 SHEETS	STA. 72+00.00 TO STA. 102+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(116) R5-5, (117) R5-9	LOGAN	21	16
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



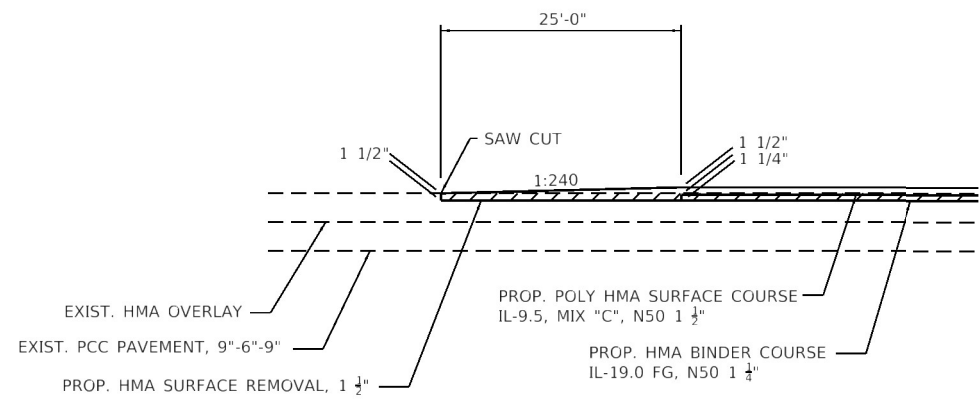
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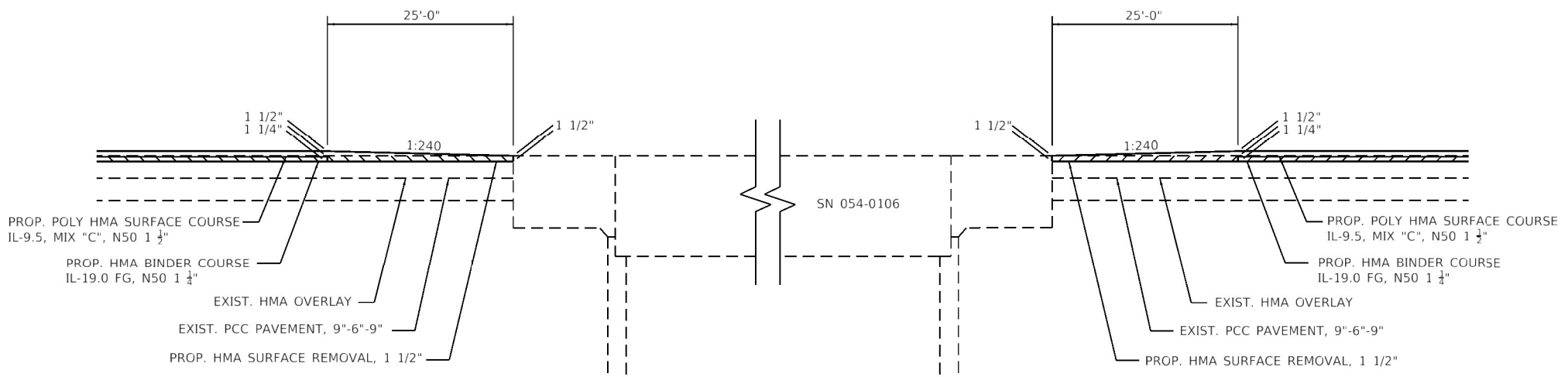
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 1" = 50'	SHEET 7	OF 7 SHEETS	STA. 102+00.00 TO STA. 129+24.42

F.A.P. RTE. 320	SECTION (116) RS-5, (117)RS-9	COUNTY LOGAN	TOTAL SHEETS 21	SHEET NO. 17
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



HMA RAMP DETAIL
 STA. 59+13.00 TO STA. 59+38.00
 STA. 129+24.42 TO STA. 129+49.42



HMA JOINT DETAIL
 STA. 79+33.20 TO STA 79+58.20
 STA. 82+50.60 TO STA. 82+75.60

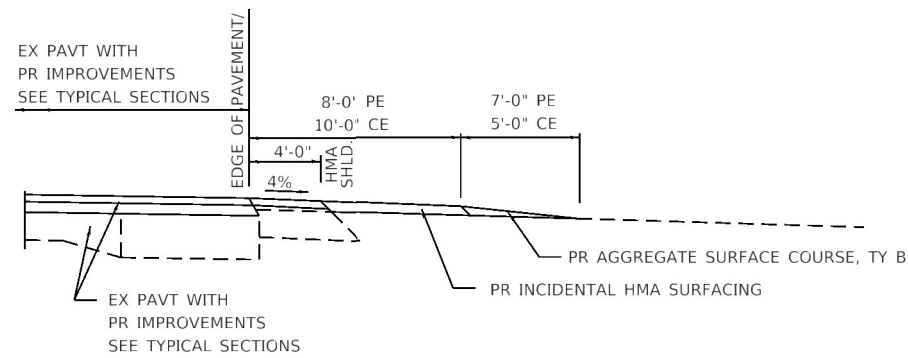
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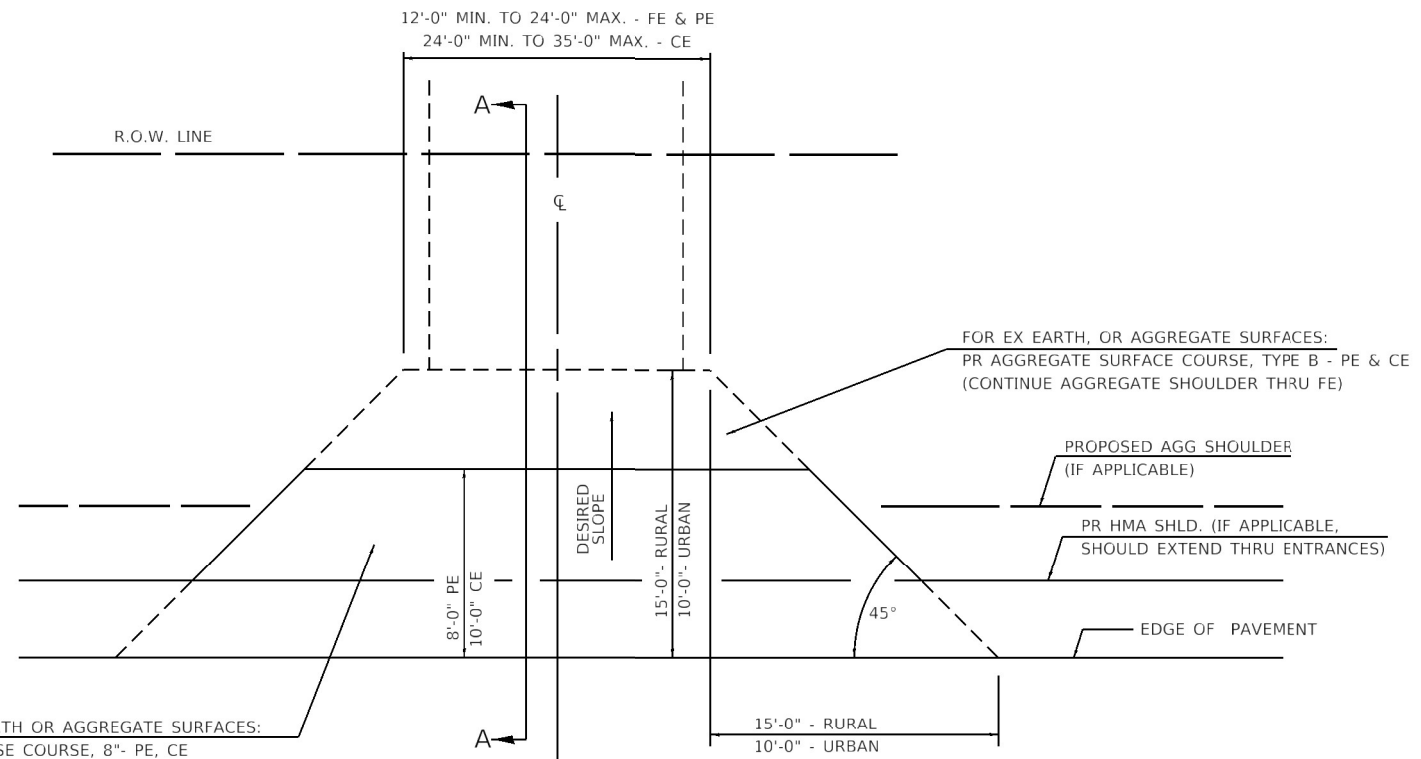
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND RAMP DETAILS			
SCALE: N/A	SHEET 1 OF 4 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(116)RS-10, (117)RS-9	LOGAN	21	18
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



SECTION A-A FOR EX EARTH/AGGREGATE PE & CE



FOR EX EARTH OR AGGREGATE SURFACES:
PR HMA BASE COURSE, 8"- PE, CE

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

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

GENERAL NOTES:

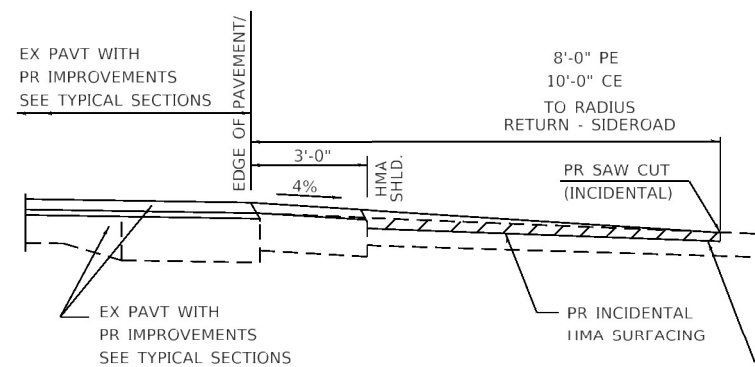
THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

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.

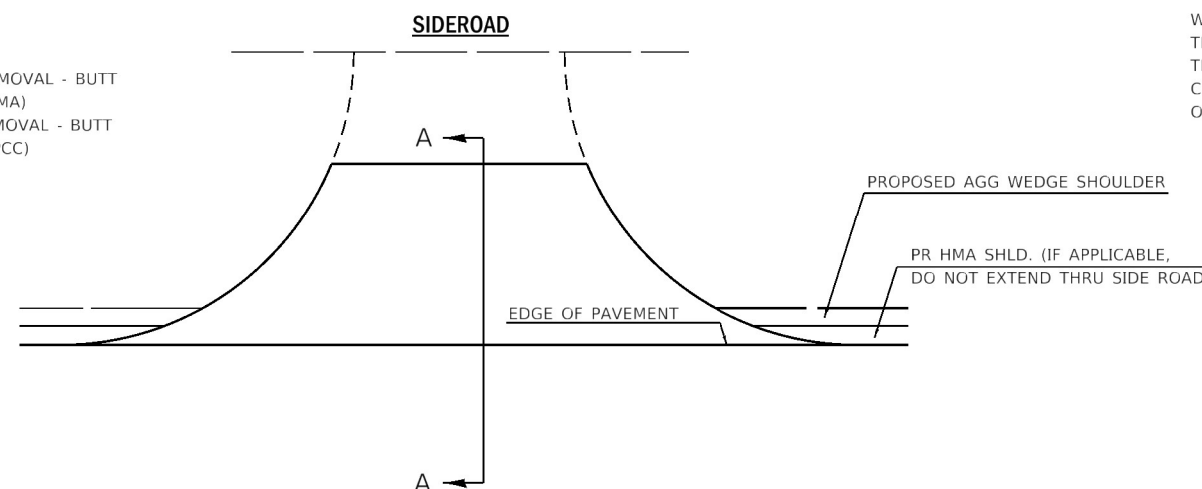
HMA REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 1 1/2 INCHES SHALL MEET THE REQUIREMENTS OF HMA SURFACE COURSE.



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

PR HMA SURFACE REMOVAL - BUTT JOINT (IF EXISTING HMA)
PR PCC SURFACE REMOVAL - BUTT JOINT (IF EXISTING PCC)



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

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 PLOT DATE = 12/14/2021

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DRAWN - CADD	CHECKED - JCN	REVISED - 4/01/04 JCN
PLOT SCALE = 40.0000" / 1"	DATE - FEBRUARY_23, 1999	REVISED - _____
PLOT DATE = 12/14/2021		

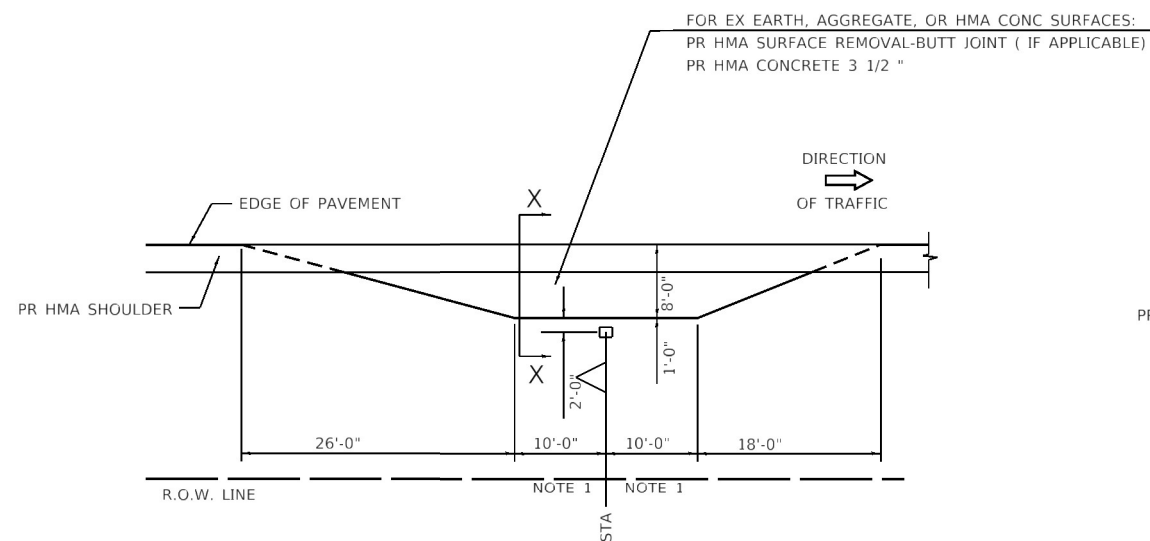
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER**

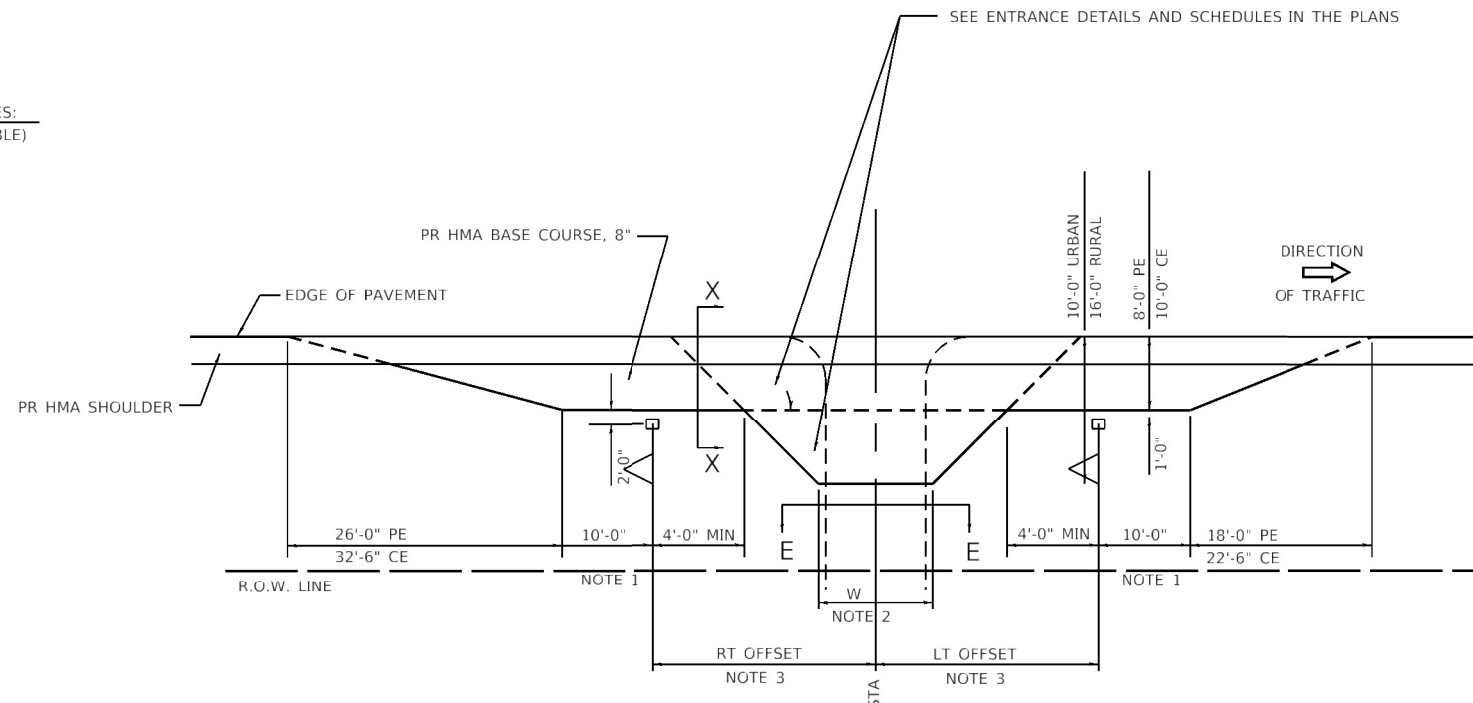
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(116)RS-10, (117)RS-9	LOGAN	21	19
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				

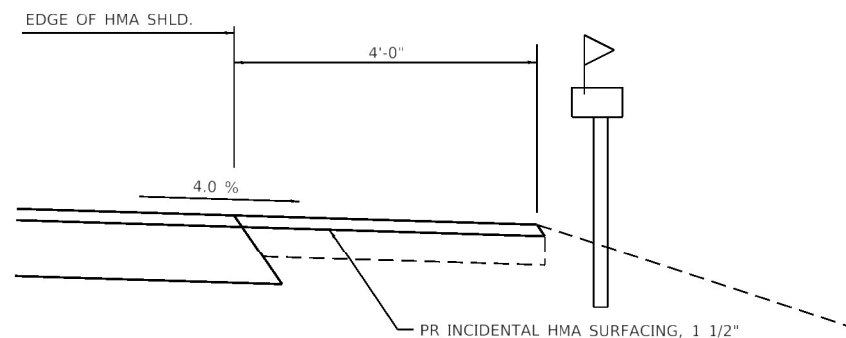
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS



PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT

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.

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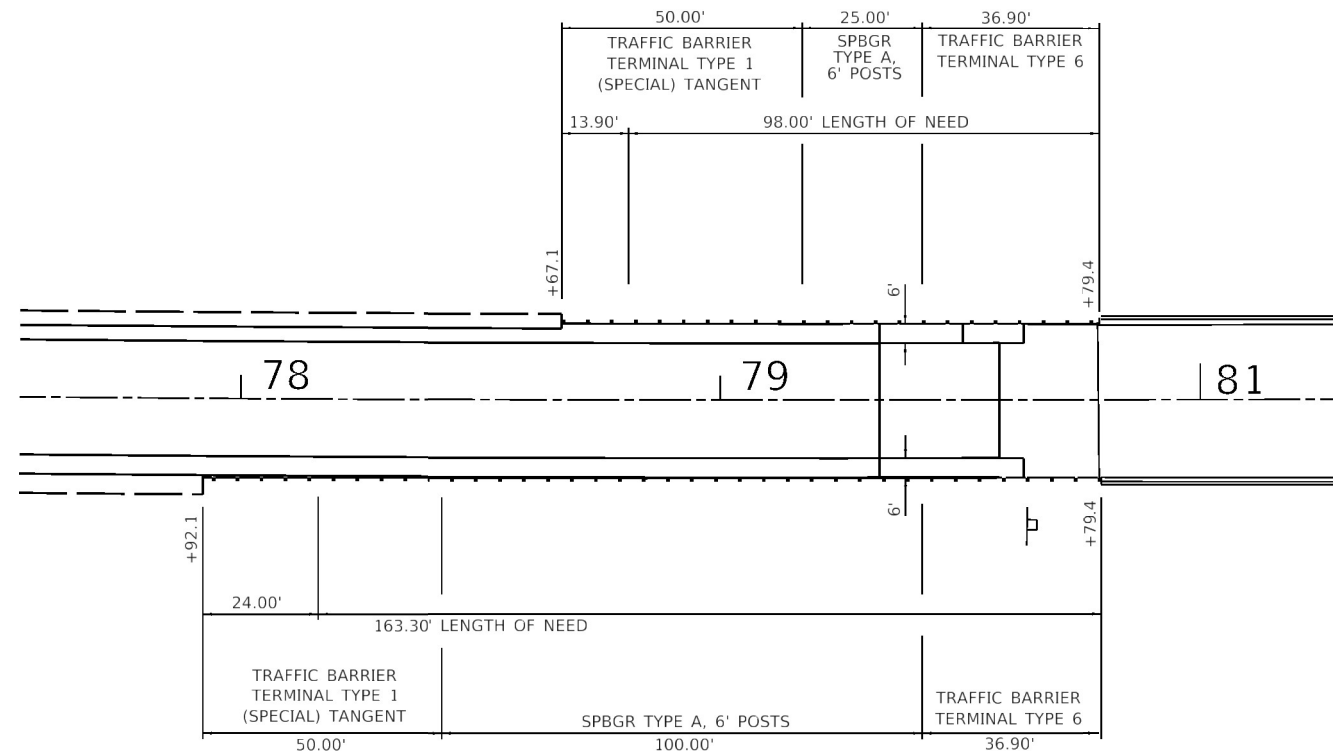
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PLOT DATE = 12/14/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER**

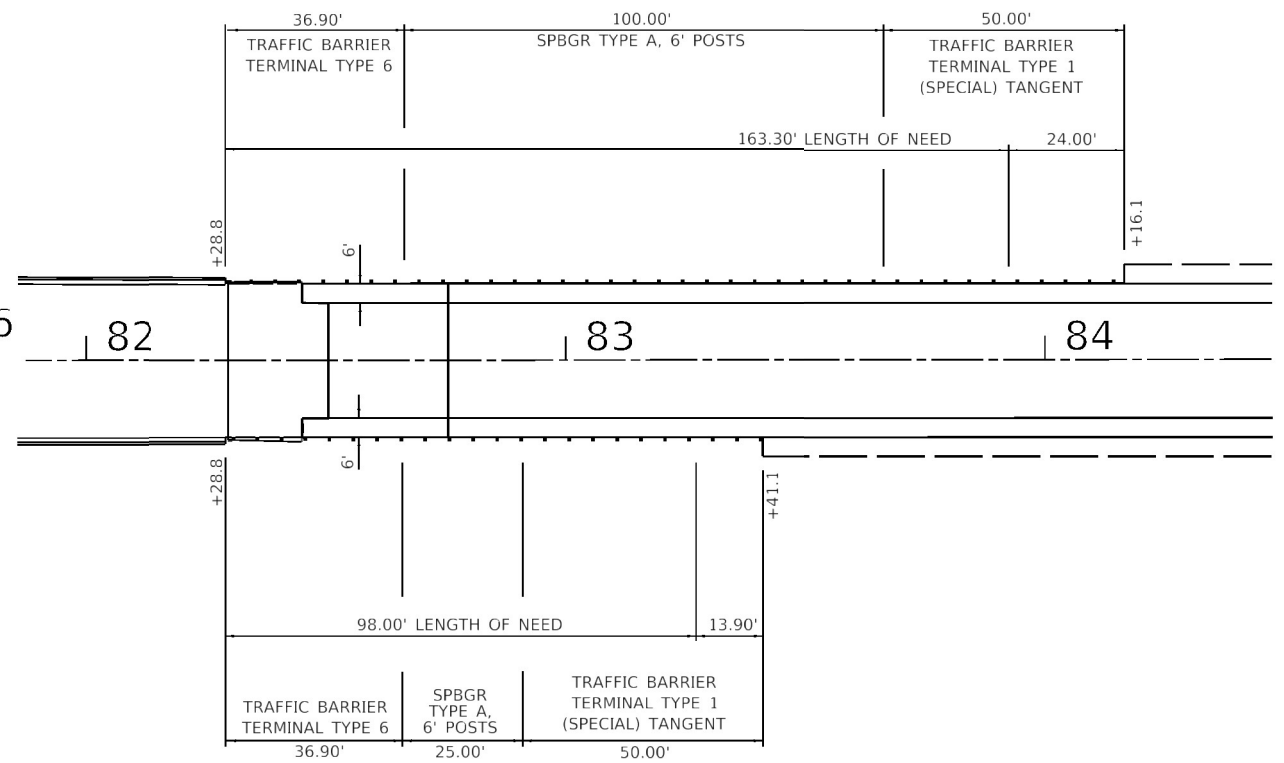
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(116)RS-10, (117)RS-9	LOGAN	21	20
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				



IL 121

SN 054-0106



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PLOT DATE = 12/16/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: N/A SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(116)RS-10, (117)RS-9	LOGAN	21	21
CONTRACT NO. 72M69				
ILLINOIS FED. AID PROJECT				