

075

INDEX OF SHEETS

03-06-2020 LETTING ITEM 075

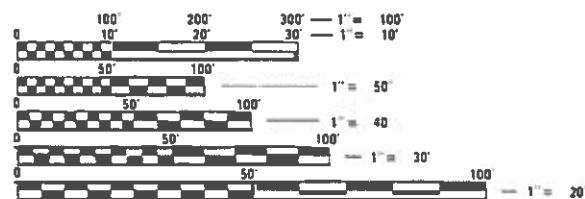
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR, BDR	LOGAN	46	1
ILLINOIS			CONTRACT NO. 72K76	

- 1 COVER SHEET
- 2 GENERAL NOTES
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- 8-10 SCHEDULE OF QUANTITIES
- 11-14 TYPICAL SECTIONS
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- 18-20 REMOVAL SHEETS
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- 28 DRAINAGE DETAIL SHEET
- 29 RIPRAP DETAIL
- 30-46 STRUCTURE PLANS

STANDARDS

000001-07	701400-09	601001-05
001001-02	701401-12	601101-02
280001-07	701402-12	701428-01
482001-02	701406-12	
542401-03	701426-09	
610001-08	701901-08	
630001-12	704001-08	
631031-16	725001-01	
642001-02	781001-04	
701101-05	782006-01	
701106-02		



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

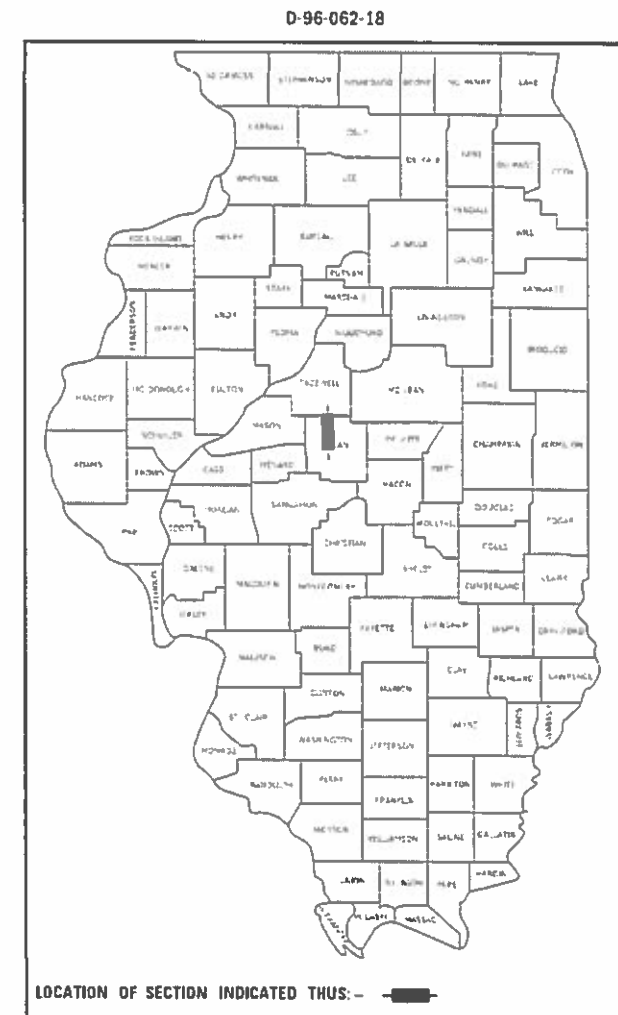
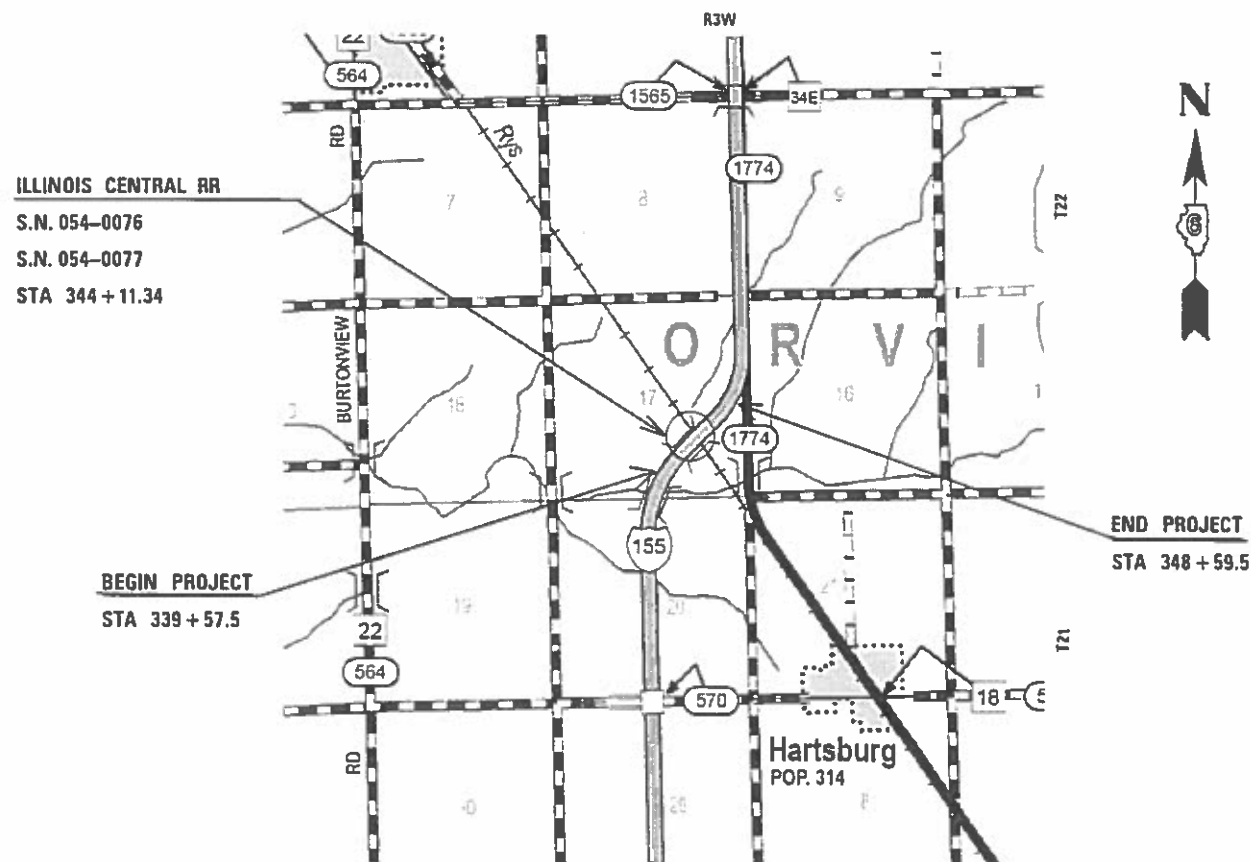
PROJECT ENGINEER: JAY EDWARDS (217) 785-0597
PROJECT MANAGER: AL-BARRAE SHEBIB (217) 524-0946

CONTRACT NO. 72K76

**PROPOSED
HIGHWAY PLANS**

**FAI 155 (I-155)
SECTION (54-10)BRR, BDR
PROJECT NHPP-S32N(594)
BRIDGE DECK OVERLAY, BRIDGE REPAIR
LOGAN COUNTY**

C-96-110-18



FUNCTIONAL CLASSIFICATION

RURAL INTERSTATE

2017 ADT=11,000

P.V.=79.3% S.U.=6.3% M.U.=14.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 16, 2019

[Signature] REGIONAL ENGINEER

Jan 31, 2020 *[Signature]* ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31, 2020 *[Signature]* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH = 902 FT. = 0.17 MILE
NET LENGTH = 902 FT. = 0.17 MILE

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					NHPP-S32N(594)	
					PPS# 6-01004-0000	
					90% FED. 10% STATE	
					BRIDGE	
					0059	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	S.N. 054-0076	S.N. 054-0077	
21400100	GRADING AND SHAPING DITCHES	FOOT	50	25	25	
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.1	0.15	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	9	14	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	9	14	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	9	14	
25100115	MULCH, METHOD 2	ACRE	0.25	0.1	0.15	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	20	30	
28100107	STONE RIPRAP, CLASS A4	SQ YD	28	14	14	
28100125	STONE RIPRAP, CLASS B3	SQ YD	6	3	3	
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	723	360	363	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1807	899	908	
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	92	46	46	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	748	374	374	
40600990	TEMPORARY RAMP	SQ YD	64	32	32	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	539	284	255	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2538.5	1348	1190.5	

REV. - MS

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	3
			CONTRACT NO. 72K76	
		ILLINOIS FED. AID PROJECT		

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				NHPP-S32N(594)	
				PPS# 6-01004-0000	
				90% FED. 10% STATE	
				BRIDGE	
				0059	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	S.N. 054-0076	S.N. 054-0077
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	267	267	
X4404260	PAVED SHOULDER (SPECIAL)	SQ YD	1816	899	917
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	60	30	30
50102400	CONCRETE REMOVAL	CU YD	23	11.5	11.5
50104650	SLOPE WALL REMOVAL	SQ YD	115	44	71
50157300	PROTECTIVE SHIELD	SQ YD	1292	646	646
50300255	CONCRETE SUPERSTRUCTURE	CU YD	28	14	14
50300300	PROTECTIVE COAT	SQ YD	1292	646	646
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3500	1750	1750
50800515	BAR SPLICERS	EACH	56	28	28
51100100	SLOPE WALL 4 INCH	SQ YD	115	44	71
52000110	PREFORMED JOINT STRIP SEAL	FOOT	172	86	86
54262712	METAL FLARED END SECTIONS 12"	EACH	8	4	4

REV. - MS

USER NAME = cislerad	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						155	(54-10)BRR,BDR	LOGAN	46	4
PLOT DATE = 12/16/2019	CHECKED -	REVISED -		SCALE:	SHEET 2	OF 5	SHEETS	STA.	TO STA.	CONTRACT NO. 72K76		
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP-S32N(594)	
				S.N. 054-0076	S.N. 054-0077
				PPS# 6-01004-0000	
				90% FED. 10% STATE	
				BRIDGE	
				0059	
				S.N. 054-0076	S.N. 054-0077
58700300	CONCRETE SEALER	SQ FT	29	24	5
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	78	30	48
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	4	4
60100945	PIPE DRAINS 12"	FOOT	200	100	100
60108100	PIPE DRAINS 4" (SPECIAL)	FOOT	140	70	70
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	4	2	2
61000335	TYPE G INLET BOX, STANDARD 610001	EACH	4	2	2
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	2034	1017	1017
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1000	500	500
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	2	2
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	2	2
63200310	GUARDRAIL REMOVAL	FOOT	1357	676	681
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2034	1012	1022
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	0.5	0.5

* SPECIALTY ITEM

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PLOT DATE = 12/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	5
			CONTRACT NO. 72K76	
ILLINOIS FED. AID PROJECT				

NHPP-S32N(594)
 PPS# 6-01004-0000
 90% FED.
 10% STATE
 BRIDGE
 0059
 S.N. 054-0076 S.N. 054-0077

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	S.N. 054-0076	S.N. 054-0077
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	395	200	195
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	132	67	65
70400100	TEMPORARY CONCRETE BARRIER	FOOT	750	375	375
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	750	375	375
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	1	1
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	1	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	2	2
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	3095	1541	1554
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	6	6
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20	10	10
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12	6	6

* SPECIALTY ITEM

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PLOT DATE = 12/16/2019	CHECKED -	REVISIED -
	DATE -	REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	6
			CONTRACT NO. 72K76	
			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKINGS SCHEDULE

LOCATION	70300100	70300150	78009005	X0327980	NOTES
	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	PAVEMENT MARKING REMOVAL - WATER BLASTING	
	FOOT	SQ FT	FOOT	SQ FT	
I-155 NB					
STA 326+40.0 TO 346+47.8	80.3	26.8			EDGE LINE STAGE 2 NB
STA 326+40.0 TO 346+47.8	80.3	26.8			EDGE LINE STAGE 1 NB
STA 339+57.5 TO 346+47.8				71.9	CL SKIP DASH NB
STA 339+57.5 TO 346+47.8			172.6		FINAL CENTERLINE NB
STA 339+57.5 TO 346+47.8				287.6	EDGE LINE (OUTSIDE) NB
STA 339+57.5 TO 346+47.8				287.6	EDGE LINE (INSIDE) NB
STA 339+57.5 TO 346+47.8			690.3		FINAL EDGE LINE (WHITE) NB
STA 339+57.5 TO 346+47.8			690.3		FINAL EDGE LINE (YELLOW) NB
STA 341+61.8 TO 343+31.8	17.0	5.7			CL SHORT TERM
STA 344+77.8 TO 346+47.8	17.0	5.7			CL SHORT TERM
I-155 SB					
STA 341+74.9 TO 348+59.5				285.3	EDGE LINE (OUTSIDE) SB
STA 341+74.9 TO 348+59.5			684.6		FINAL EDGE LINE (WHITE) SB
STA 341+74.9 TO 362+75.0	84.0	28.0			EDGE LINE STAGE 1 SB
STA 341+74.9 TO 348+59.5			684.6		FINAL EDGE LINE (YELLOW) SB
STA 341+74.9 TO 348+59.5				71.3	CL SKIP DASH SB
STA 341+74.9 TO 348+59.5			171.2		FINAL CENTERLINE SB
STA 341+74.9 TO 362+41.0	82.6	27.5			EDGE LINE STAGE 2 SB
STA 341+74.9 TO 348+59.5				285.3	EDGE LINE (INSIDE) SB
STA 341+74.9 TO 343+44.9	17.0	5.7			CL SHORT TERM
STA 344+90.8 TO 346+60.8	17.0	5.7			CL SHORT TERM
TOTAL	361.3	120.4	3093.5	1289.1	

RAISED REFLECTIVE PM SCHEDULE

LOCATION	78100100	78300200
	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
	EACH	EACH
I-155 NB		
STA 341+61.8 TO 343+32.0	3	3
STA 344+74.0 TO 346+47.8	3	3
I-155 SB		
STA 341+74.9 TO 343+47.0	3	3
STA 344+87.0 TO 346+60.8	3	3
TOTAL	12	12

PIPE DRAIN REMOVAL SCHEDULE

LOCATION	X0323586
	PIPE DRAIN REMOVAL
	FOOT
STA 343+12.5 RT	144.3
STA 343+19.2 RT	30.7
STA 343+30.3 LT	41.7
STA 343+37 LT	139.9
STA 344+82.4 RT	129.7
STA 344+89 RT	41.6
STA 345+00 LT	30.7
STA 345+07.2 LT	142.2
TOTAL	701

DRAINAGE SCHEDULE

LOCATION	60100060	60108100	60108104
	CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 4"
	EACH	FOOT	FOOT
I-155 NB			
STA 339+57.5 TO 339+57.5 OUTSIDE	1	20	
STA 339+57.5 TO 339+57.5 INSIDE	1	15	
STA 339+57.5 TO 343+10.0 OUTSIDE			352.5
STA 339+57.5 TO 343+17.0 INSIDE			359.5
STA 344+90.0 TO 346+47.8 OUTSIDE			157.8
STA 344+96.0 TO 346+47.8 INSIDE			151.8
STA 346+47.8 TO 346+47.8 OUTSIDE	1	20	
STA 346+47.8 TO 346+47.8 INSIDE	1	15	
I-155 SB			
STA 341+74.9 TO 341+74.9 INSIDE	1	15	
STA 341+74.9 TO 341+74.9 OUTSIDE	1	20	
STA 341+74.9 TO 343+24.0 INSIDE			149.1
STA 341+74.9 TO 343+30.0 OUTSIDE			155.1
STA 345+03.0 TO 348+59.5 INSIDE			356.5
STA 345+09.0 TO 348+59.5 OUTSIDE			350.5
STA 348+59.5 TO 348+59.5 INSIDE	1	15	
STA 348+59.5 TO 348+59.5 OUTSIDE	1	20	
TOTAL	8	140	2035

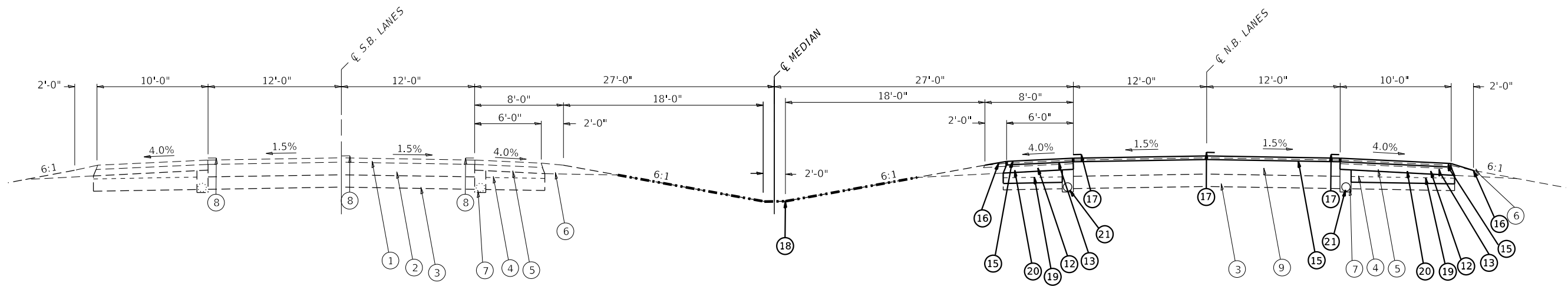
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

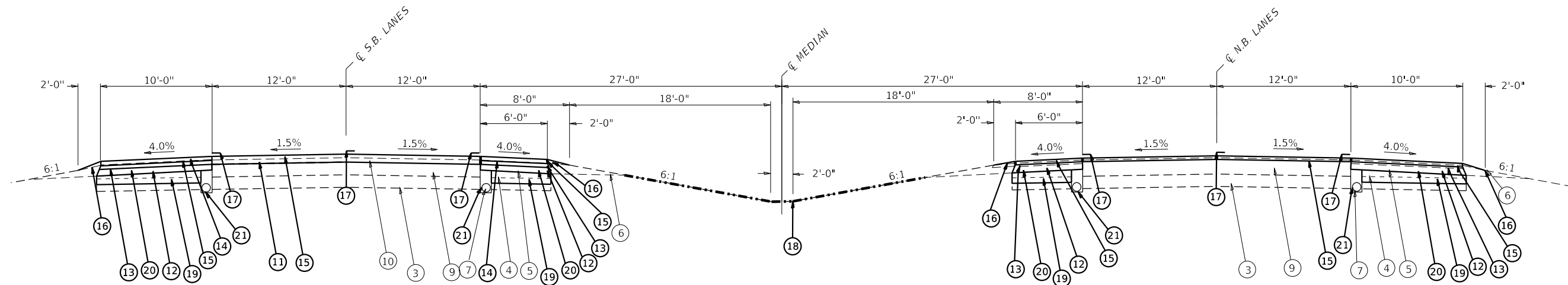
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	10
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				

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 PROJECT NO: 72K76
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STA. 341+96.8 TO STA. 342+09.9
(SEE NOTE #1)



STA. 342+09.9 TO STA. 343+44.38

EXISTING LEGEND

- ① EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 2"
- ② EXISTING BITUMINOUS CONCRETE BINDER COURSE, 13"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING LIME MODIFIED SOIL OR SUB-BASE GRANULAR MATERIAL, VARIABLE DEPTH
- ⑤ EXISTING BITUMINOUS AGGREGATE MIXTURE SHOULDER, 8"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING PIPE UNDERDRAINS, 4"
- ⑧ EXISTING THERMOPLASTIC PAVEMENT MARKINGS, 5"
- ⑨ EXISTING PCC BRIDGE APPROACH
- ⑩ EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2" (VARIABLE DEPTH)

PROPOSED LEGEND

- ⑪ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑫ PROPOSED PAVED SHOULDER REMOVAL
- ⑬ PROPOSED HMA SURFACE COURSE, 2"
- ⑭ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑮ PROPOSED HMA SURFACE COURSE, 1 3/4"
- ⑯ PROPOSED AGGREGATE SHOULDERS TYPE B (WEDGE)
- ⑰ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ⑱ PROPOSED GRADING AND SHAPING DITCHES
- ⑲ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C, 8" NOMINAL
- ⑳ PROPOSED HMA BASE COURSE, 8"
- ㉑ PIPE UNDERDRAIN TYPE 1, 4" REPLACEMENT

NOTE #1:
BRIDGE
NORTHBOUND LANES:
STA. 343+35.30 TO STA. 344+78.30
SOUTHBOUND LANES:
STA. 343+44.38 TO STA. 344+87.38

NOTE #2:
PROPOSED HMA SURFACE
REMOVAL, 1 1/2" IS TO
EXPOSE BARE CONCRETE.

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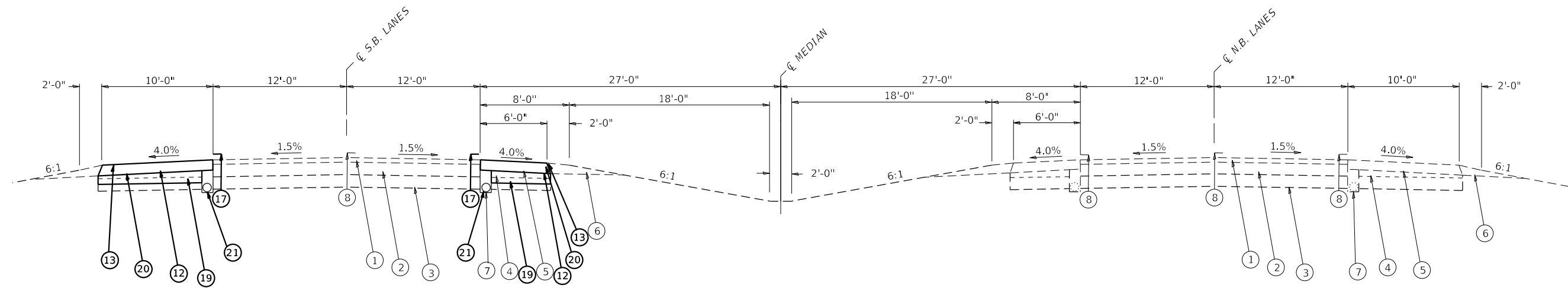
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N/A SHEET 2 OF 4 SHEETS STA. 341+96.8 TO STA. 343+44.38

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	12
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



STA. 346+25.8 TO STA. 348+59.5

EXISTING LEGEND

- ① EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 2"
- ② EXISTING BITUMINOUS CONCRETE BINDER COURSE, 13"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING LIME MODIFIED SOIL OR SUB-BASE GRANULAR MATERIAL, VARIABLE DEPTH
- ⑤ EXISTING BITUMINOUS AGGREGATE MIXTURE SHOULDER, 8"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING PIPE UNDERDRAINS, 4"
- ⑧ EXISTING THERMOPLASTIC PAVEMENT MARKINGS, 5"
- ⑨ EXISTING PCC BRIDGE APPROACH
- ⑩ EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2" (VARIABLE DEPTH)

PROPOSED LEGEND

- ⑪ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑫ PROPOSED PAVED SHOULDER REMOVAL
- ⑬ PROPOSED HMA SURFACE COURSE, 2"
- ⑭ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑮ PROPOSED HMA SURFACE COURSE, 1 3/4"
- ⑯ PROPOSED AGGREGATE SHOULDERS TYPE B (WEDGE)
- ⑰ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
- ⑱ PROPOSED GRADING AND SHAPING DITCHES
- ⑲ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C, 8" NOMINAL
- ⑳ PROPOSED HMA BASE COURSE, 8"
- ㉑ PIPE UNDERDRAIN TYPE 1, 4" REPLACEMENT

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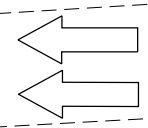
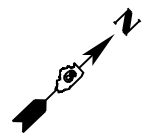
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

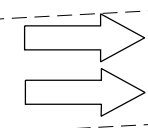
TYPICAL SECTIONS

SCALE: N/A SHEET 4 OF 4 SHEETS STA. 346+25.8 TO STA. 348+59.5

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	14
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



SB I-155



NB I-155

B36

337

338

339

340+00

341

MATCHLINE 342+00.00

STA 341+74.9
AGG WEDGE SHLDR
HMA BASE COURSE 8"
HMA SURF BUTT JOINT
(DETAIL B)

STA 339+86.5
TBT TYPE 1 (SPL)

STA 339+99
GUARDRAIL LON

STA 340+36.5
GUARDRAIL, TYPE A

STA 339+57.5
HMA BASE COURSE 8"
AGG WEDGE SHLDR

STA 339+82.5
TBT TYPE 1 (SPL)

STA 339+95
GUARDRAIL LON

STA 340+32.5
GUARDRAIL, TYPE A

5" WHITE SKIP DASH PM (TYP.)
5" YELLOW EDGE LINE PM (TYP.)
5" WHITE EDGE LINE PM (TYP.)
RAISED REFLECTIVE PM (TYP.)

STA 341+61.8
HMA SURF BUTT JOINT
(DETAIL A)

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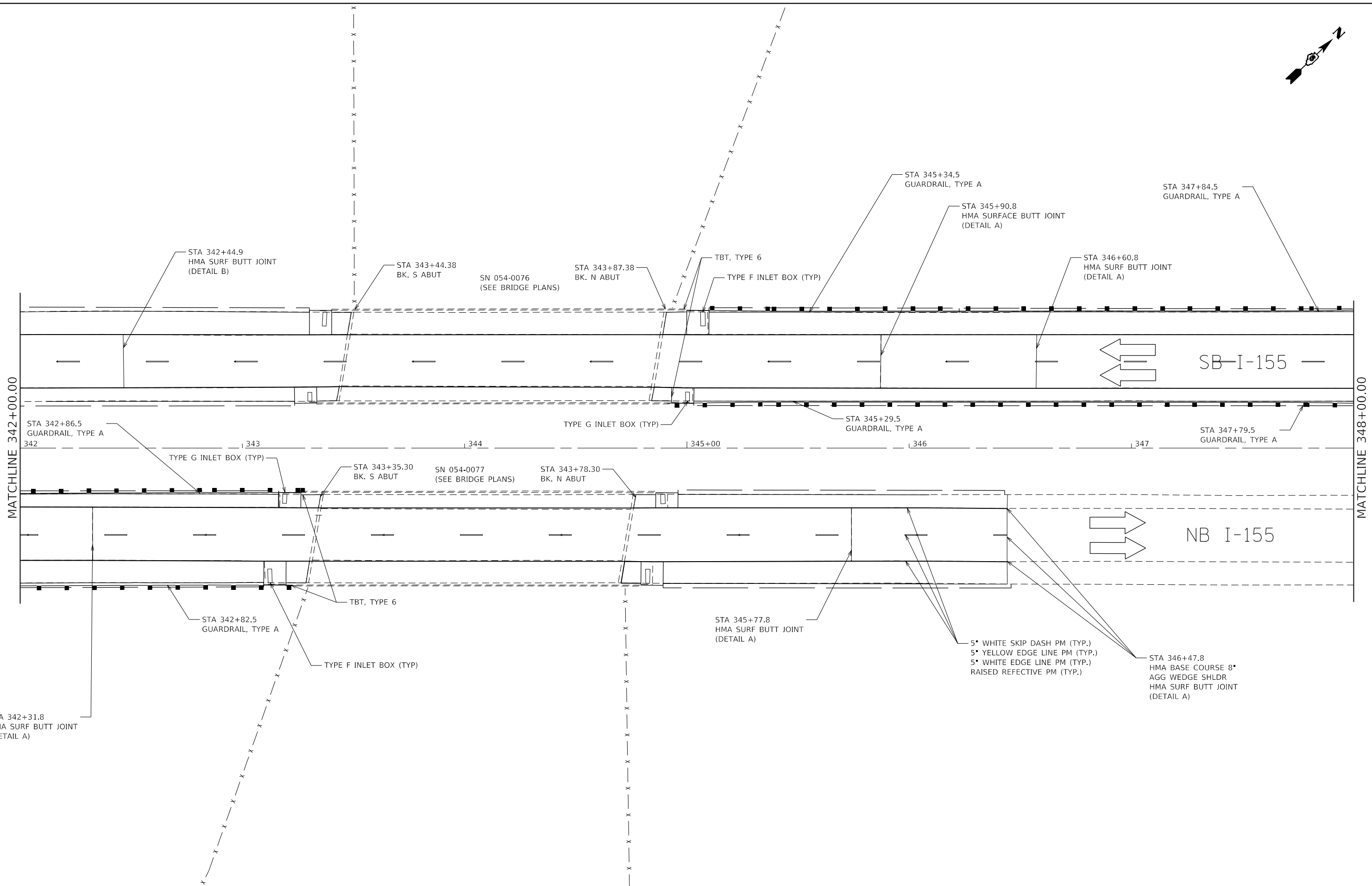
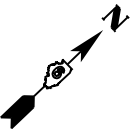
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN SHEETS

SCALE: 20 SHEET 1 OF 3 SHEETS STA. 336+00 TO STA. 342+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	15
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



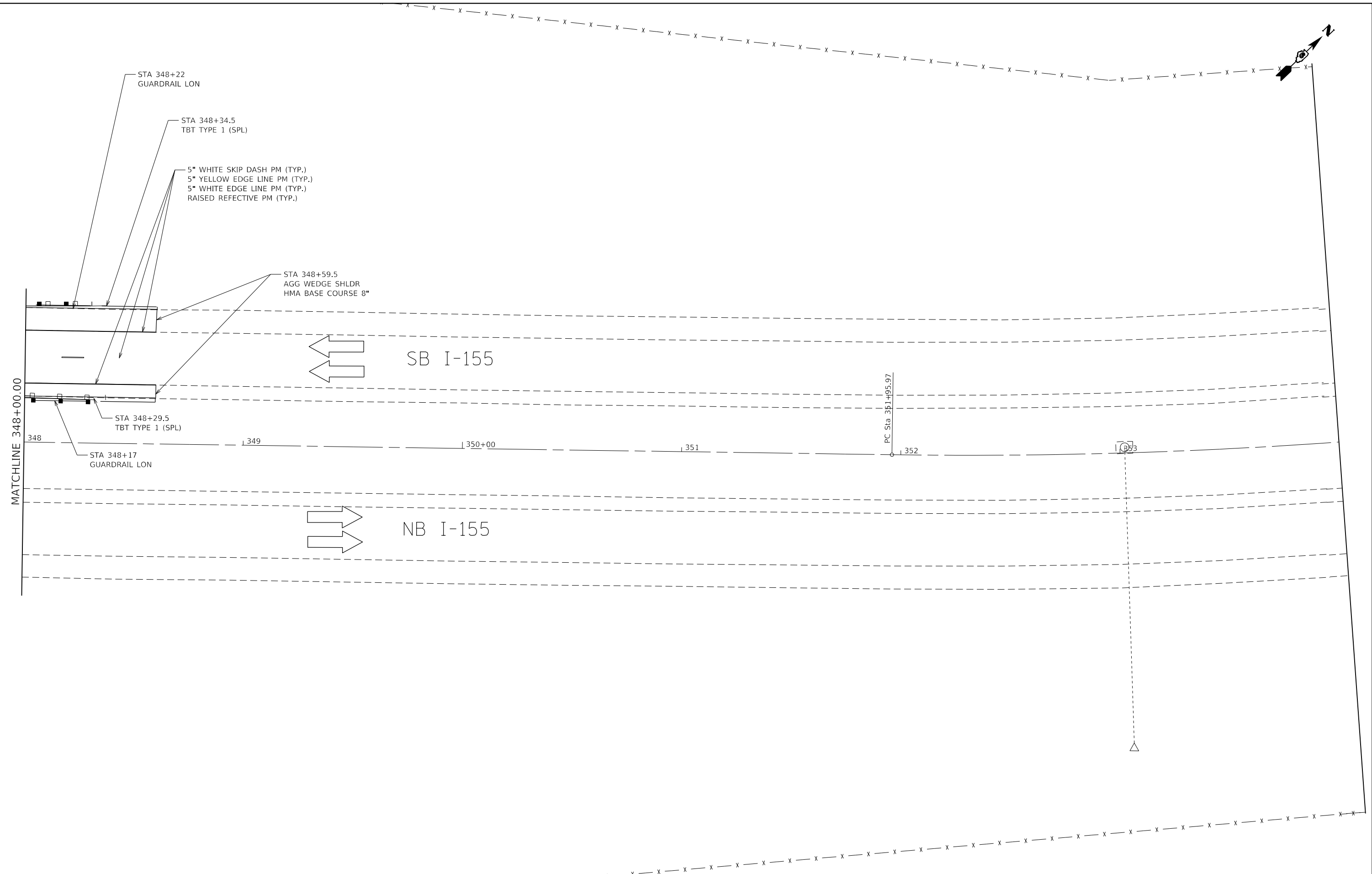
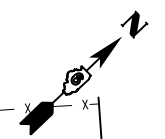
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PLOT DATE = 12/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEETS			
SCALE: 20	SHEET 2	OF 3	SHEETS
STA. 342+00	TO STA. 348+00		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	16
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



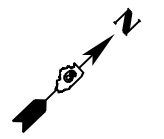
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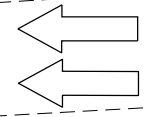
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEETS			
SCALE: 20	SHEET 3	OF 3	SHEETS
STA. 348+00		TO STA. 354+00	

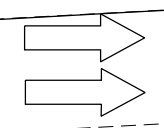
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155	(54-10)BRR,BDR	LOGAN	46	17
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



STA 341+74.9
PAVED SHLDR REM
HMA SURF REM BUTT JOINT
(SEE DETAIL B)



SB I-155



NB I-155

B36

337

338

339

340+00

341

PT Sta 339+78.34

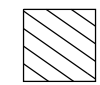
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GUARDRAIL REMOVAL

STA 339+57.5
PAVED SHLDR REM

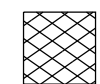
STA 339+85
GUARDRAIL REMOVAL

STA 341+61.8
HMA SURF REM BUTT JOINT
(SEE DETAIL A)

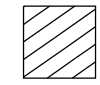
MATCHLINE 342+00.00



PAVED SHOULDER/
GUARDRAIL REM



HMA 1/2" REM



HMA BUTT JOINT REM

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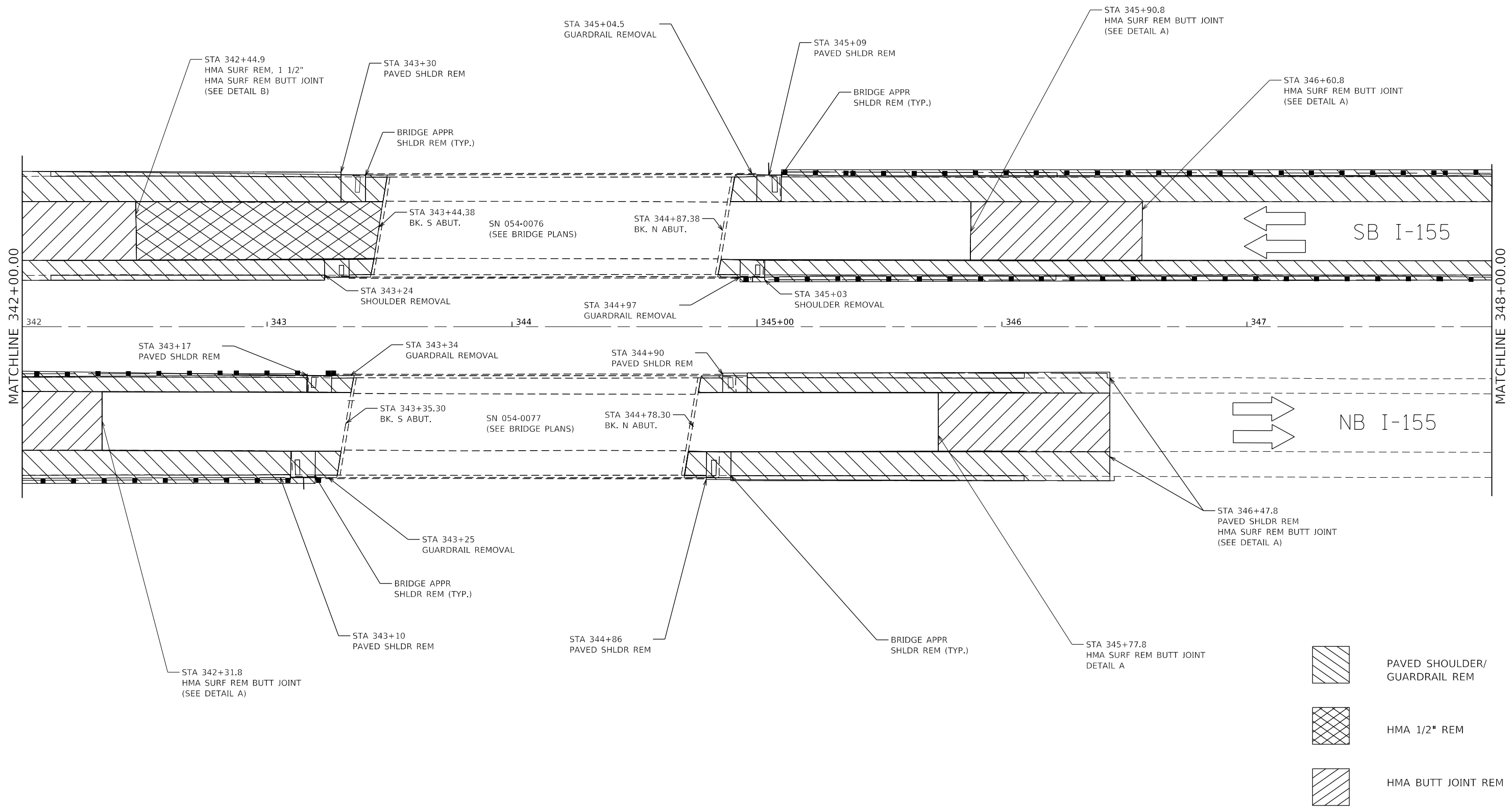
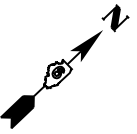
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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEETS

SCALE: 20 SHEET 1 OF 3 SHEETS STA. 336+00 TO STA. 342+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	18
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



-  PAVED SHOULDER/
GUARDRAIL REM
-  HMA 1/2" REM
-  HMA BUTT JOINT REM

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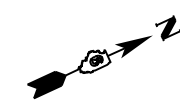
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

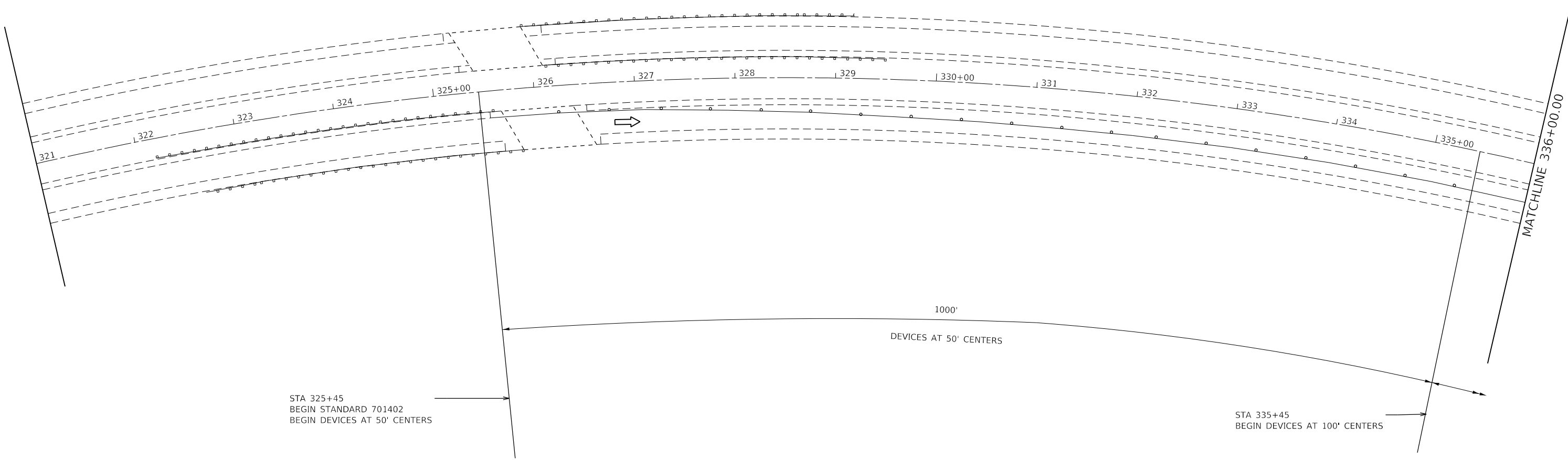
REMOVAL SHEETS

SCALE: 20 SHEET 2 OF 3 SHEETS STA. 342+00 TO STA. 348+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	19
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



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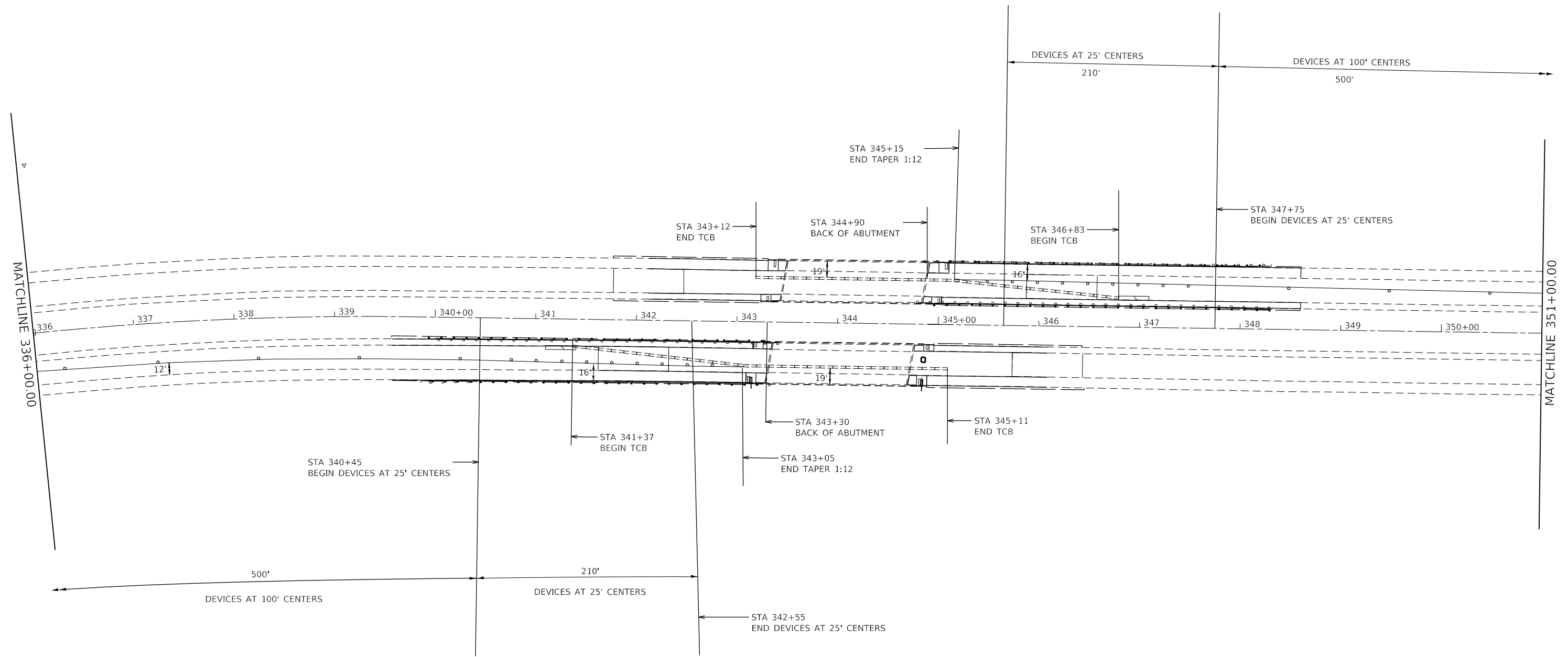
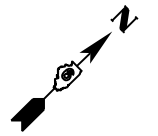
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 50 SHEET 1 OF 4 SHEETS STA. 321+00 TO STA. 336+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	23
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



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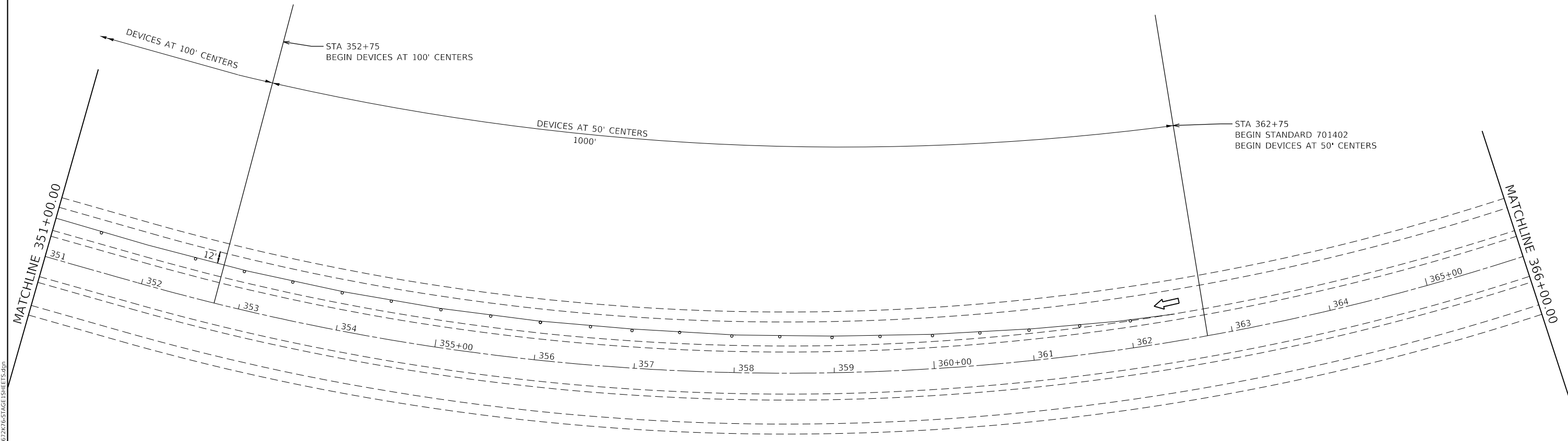
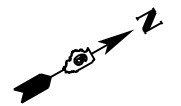
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 50 SHEET 2 OF 4 SHEETS STA. 336+00 TO STA. 351+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72K76	



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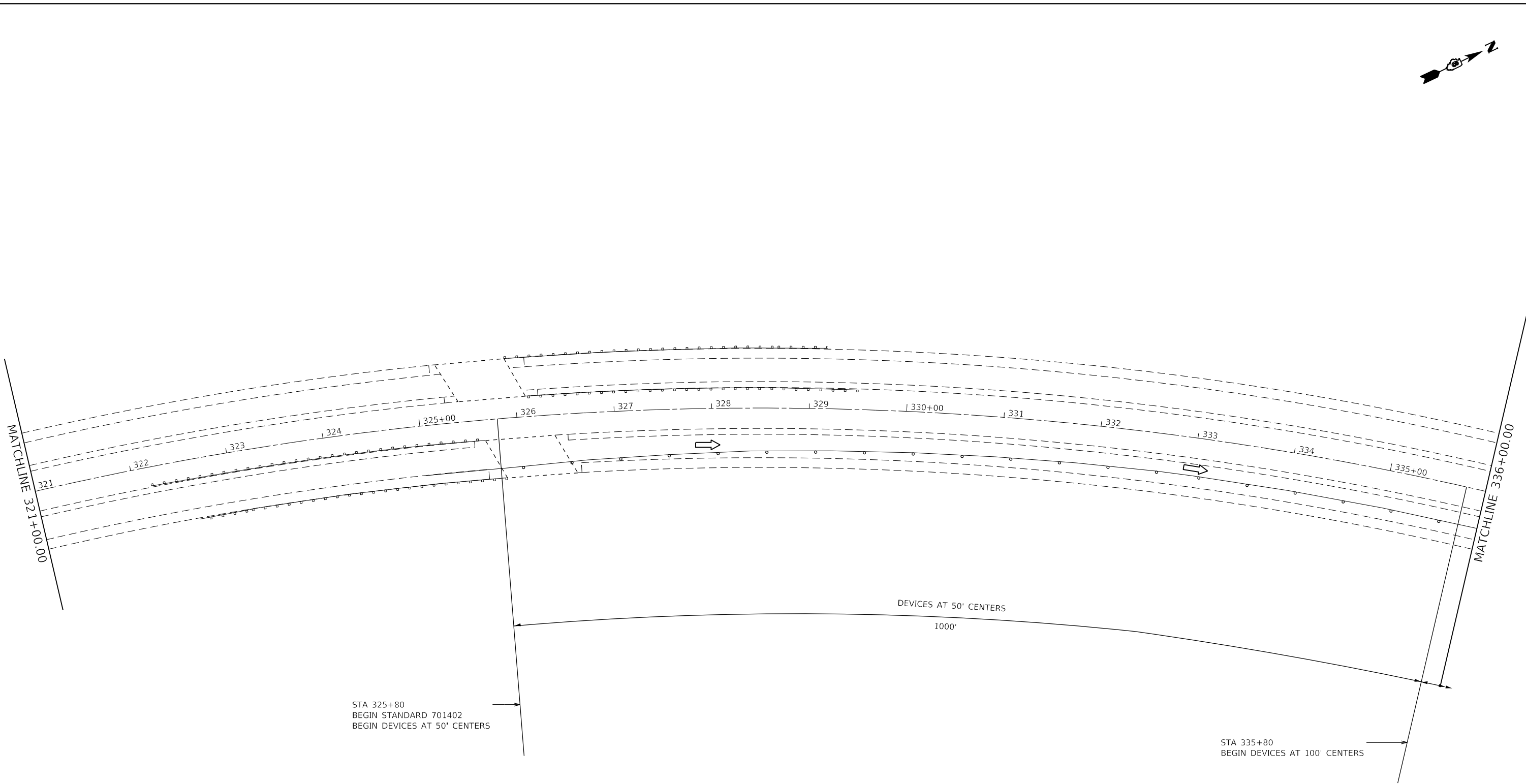
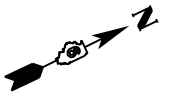
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 50 SHEET 3 OF 4 SHEETS STA. 351+00 TO STA. 366+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	25
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



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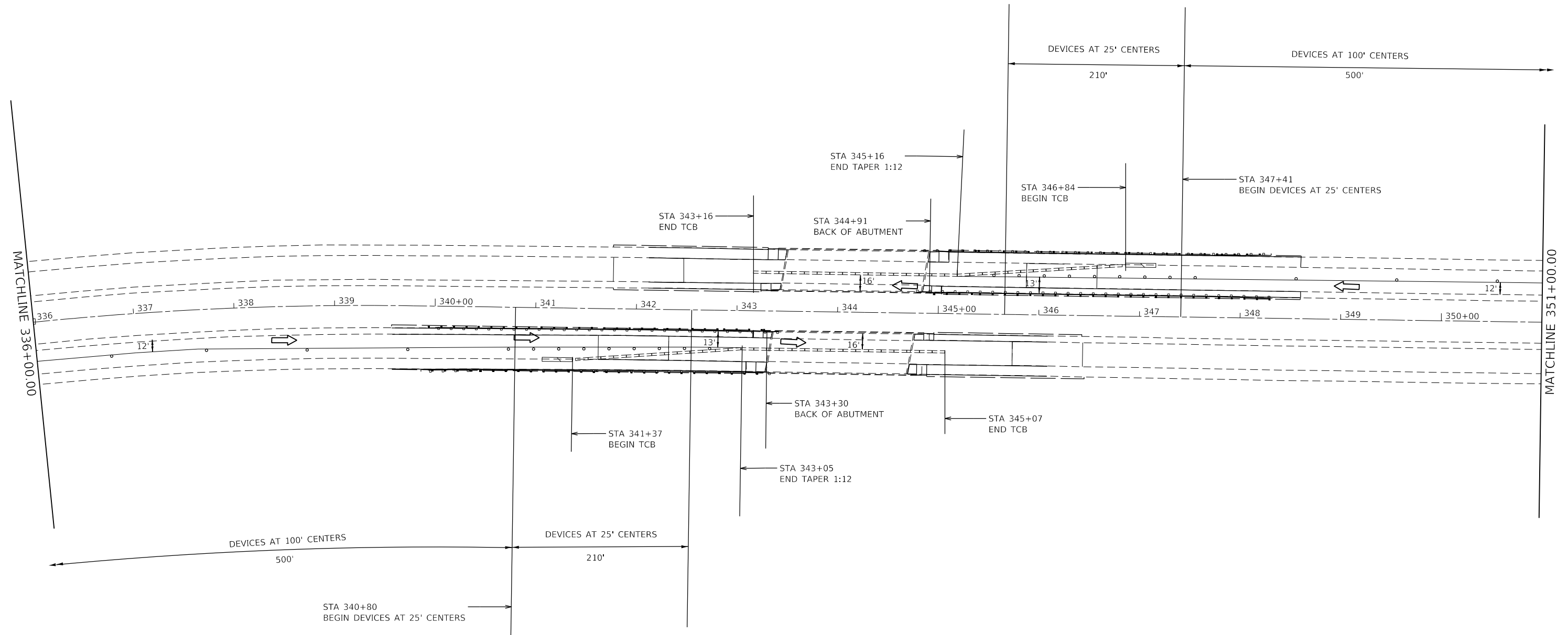
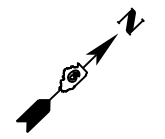
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 50 SHEET 1 OF 4 SHEETS STA. 321+00 TO STA. 336+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	26
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



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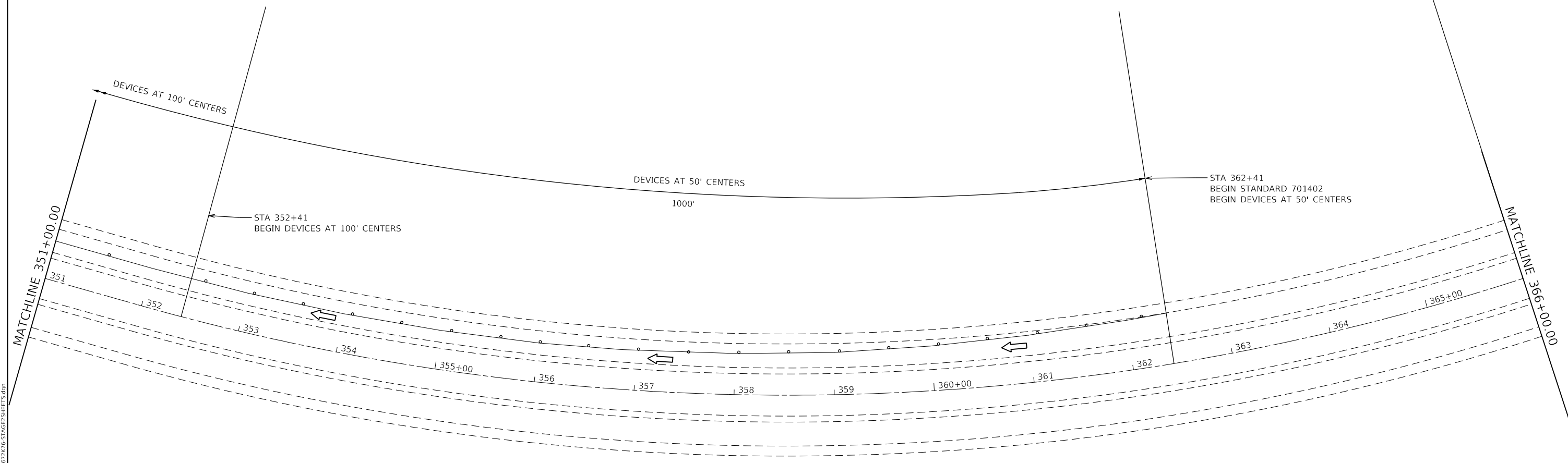
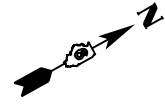
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 50 SHEET 2 OF 4 SHEETS STA. 336+00 TO STA. 351+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	27
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



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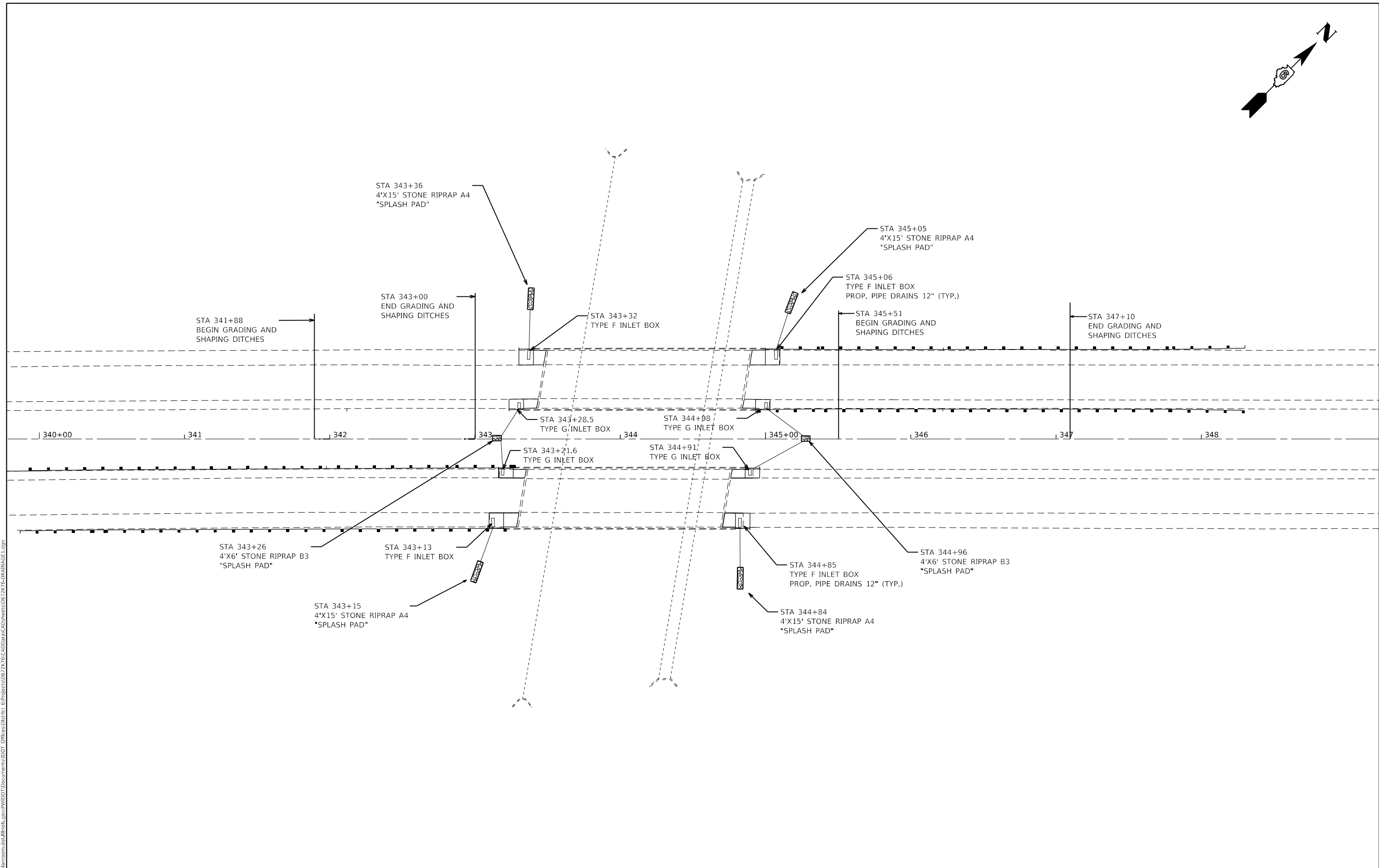
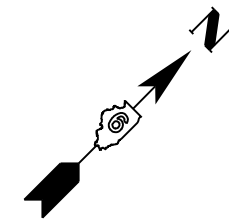
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 50 SHEET 3 OF 4 SHEETS STA. 351+00 TO STA. 366+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	28
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



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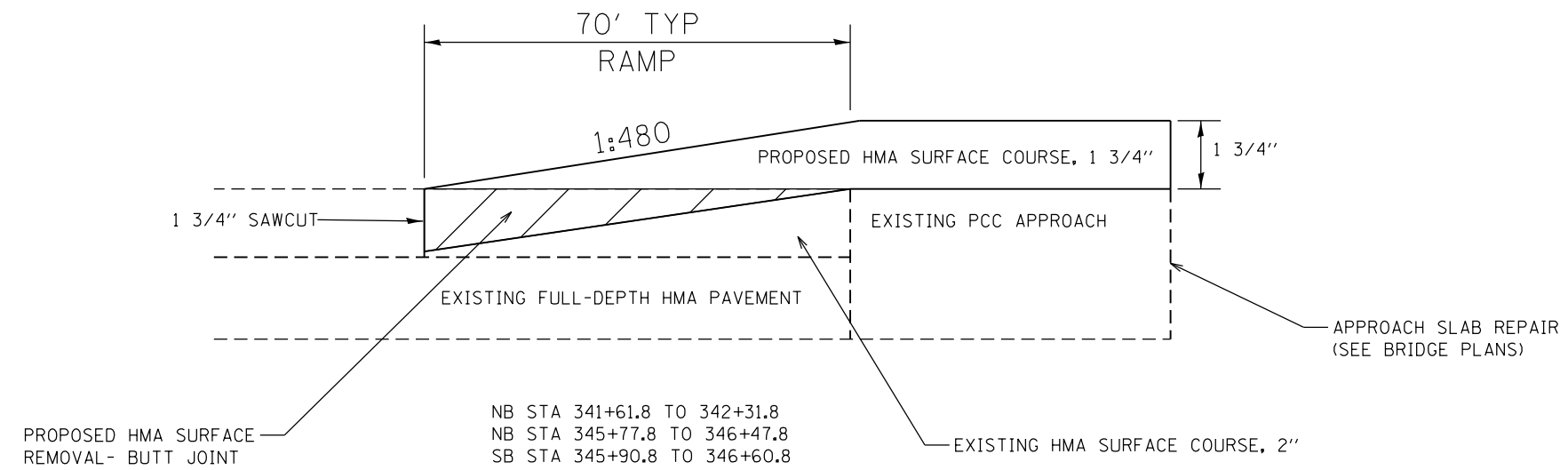
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

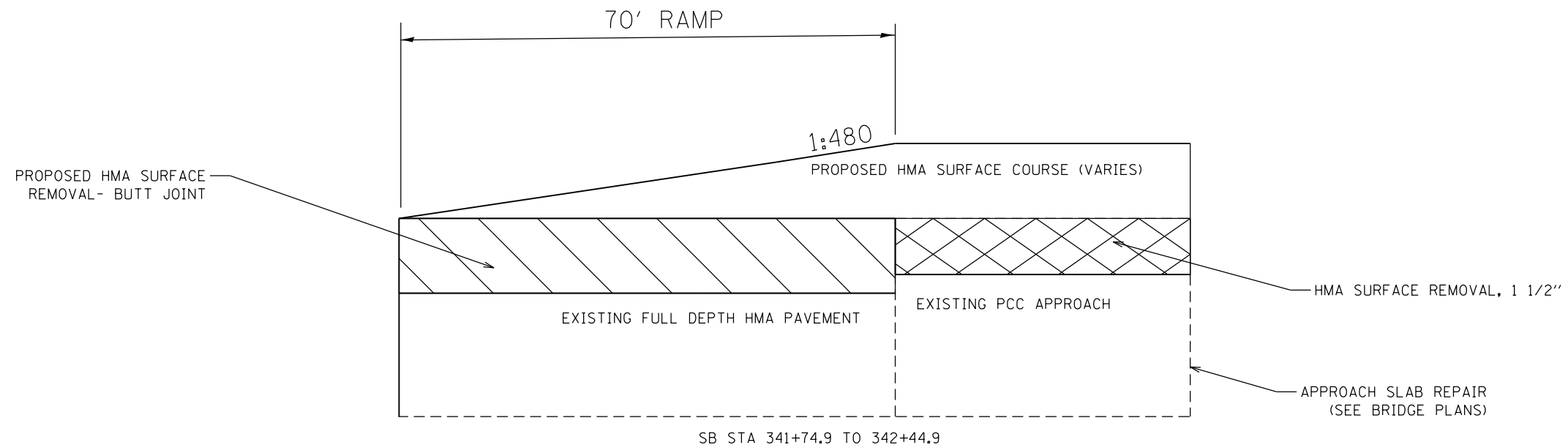
DRAINAGE PLAN SHEET

SCALE: 30 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR, BDR	LOGAN	46	29
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



BUTT JOINT DETAIL A



BUTT JOINT DETAIL B

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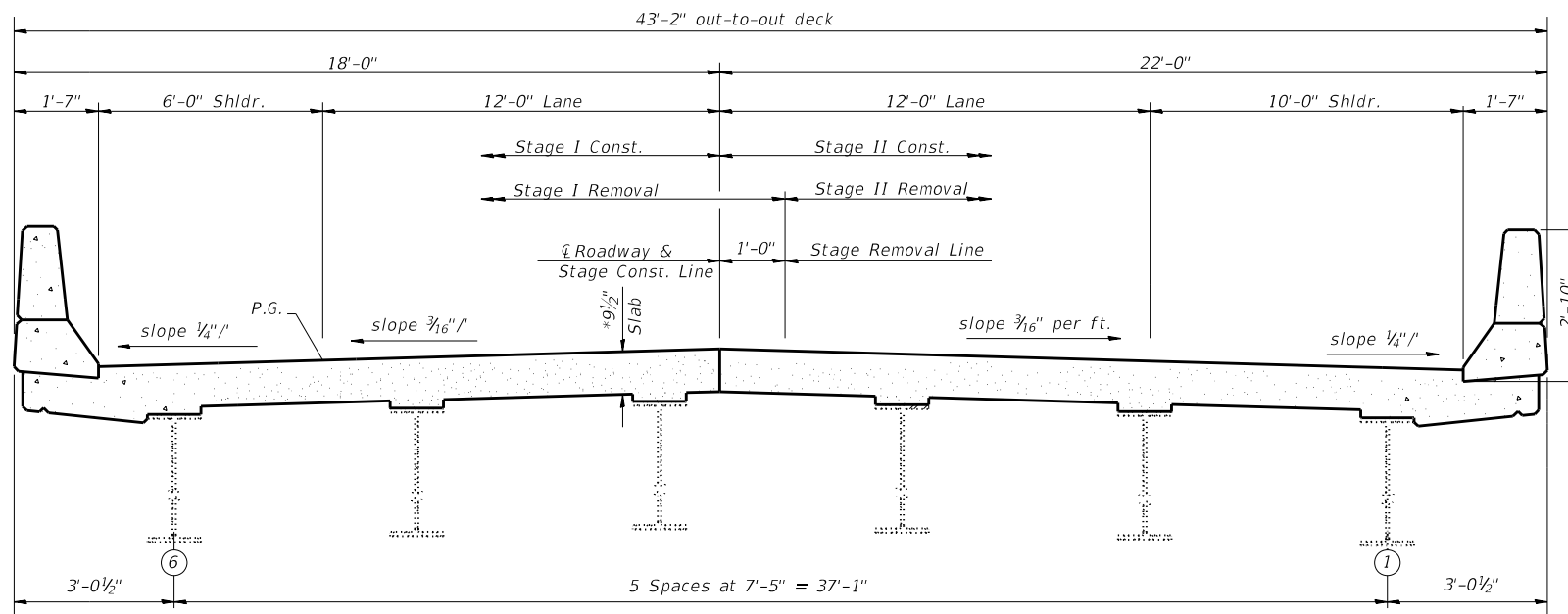
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

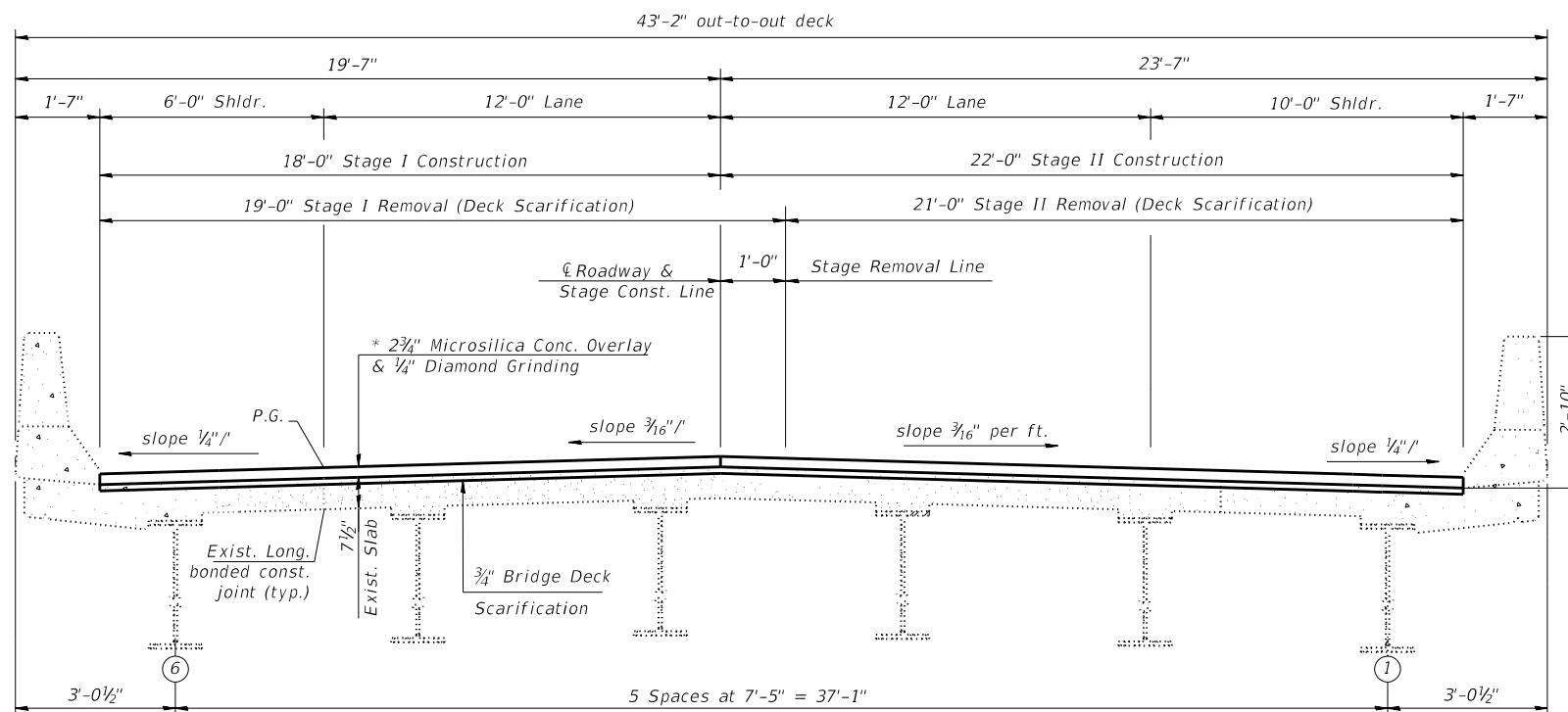
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10)BRR,BDR	LOGAN	46	30
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



CROSS SECTION AT ABUTMENTS

(Looking South)

* Prior to 1/4" Diamond Grinding.



CROSS SECTION AT MID SPANS

(Looking South)

* Prior to 1/4" Diamond Grinding.

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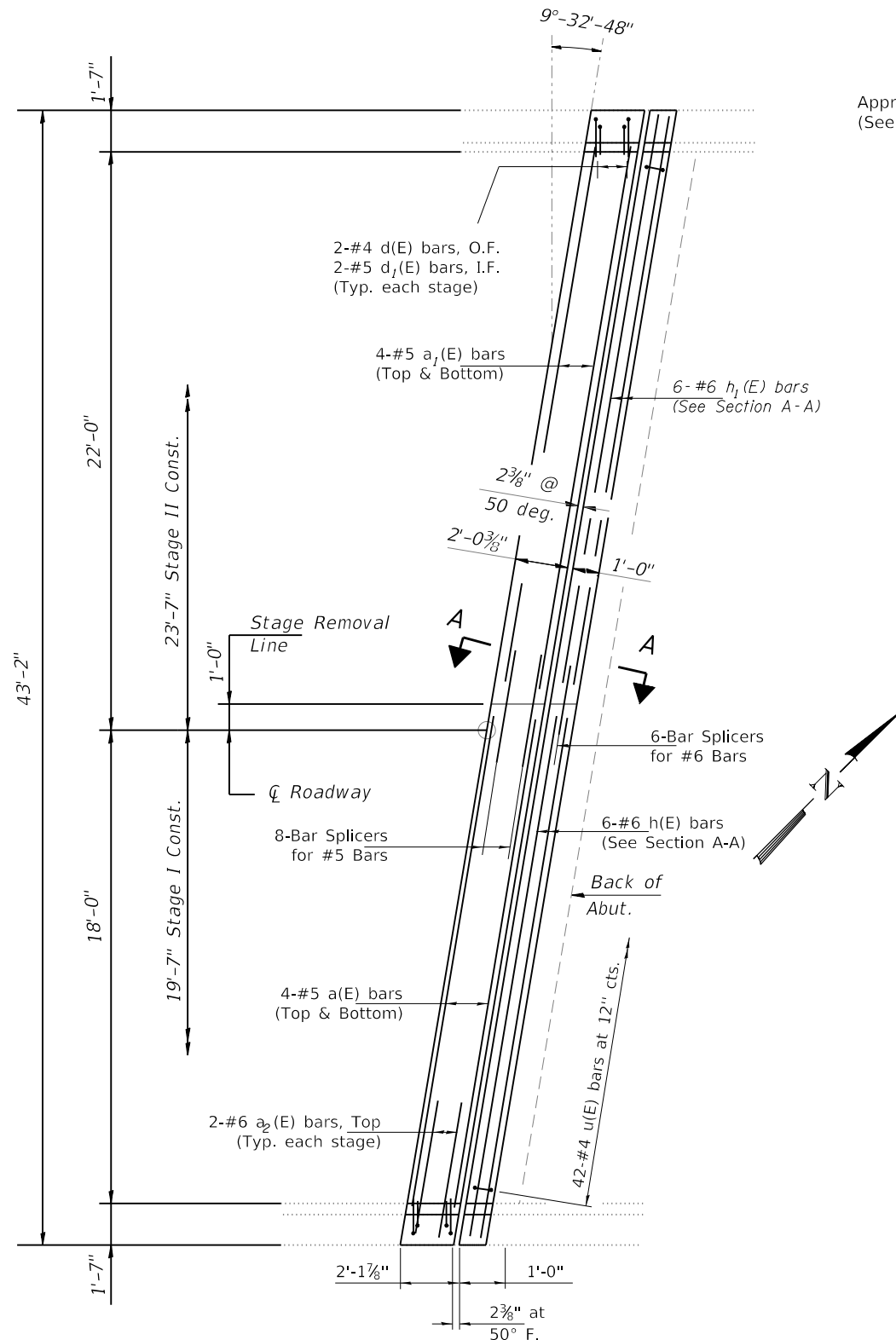
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS & STAGING DETAILS
SN 054-0076 (S.B.)**

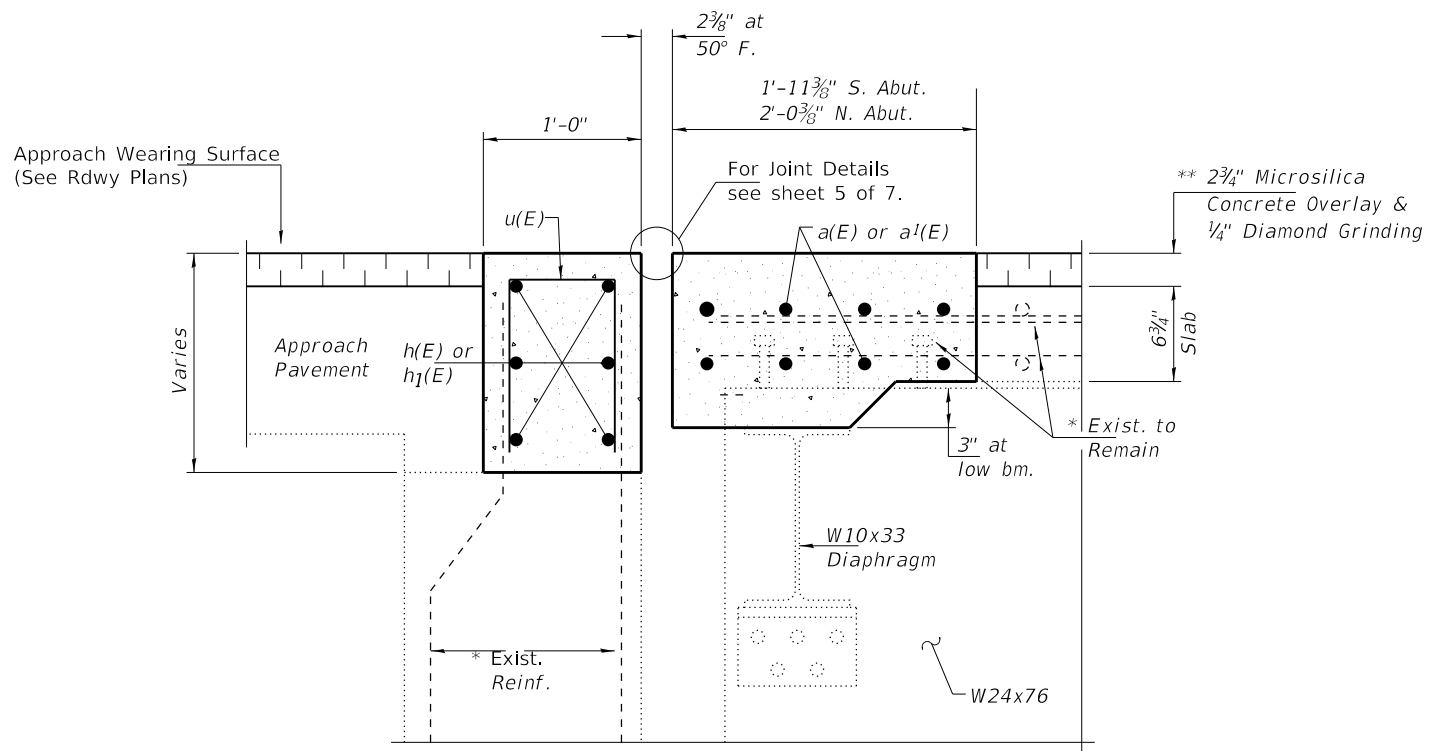
SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	32
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				

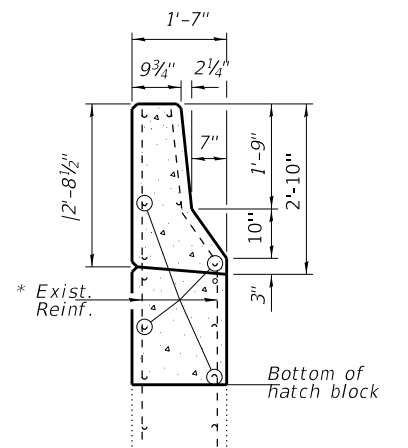


JOINT REPLACEMENT PLAN - SN 054-0076 (S.B.)

(North Abutment shown, South Abutment similar except as noted.)

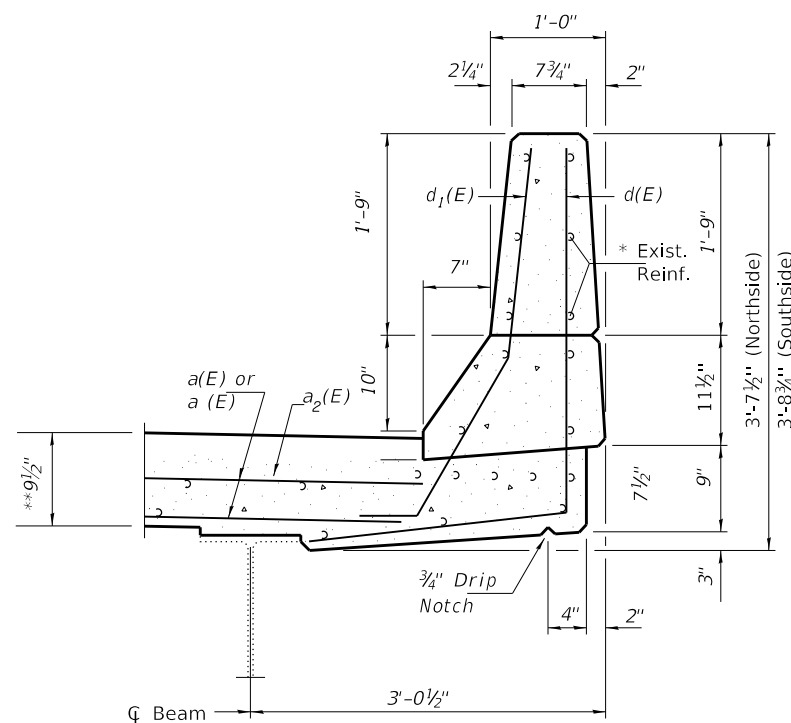


SECTION A-A
Dims. at Rt. <'s

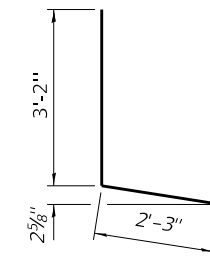


TYPICAL SECTION AT APPROACH PARAPET

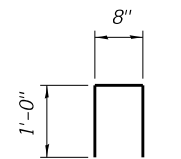
* Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.
** Prior to 1/4" Diamond Grinding.



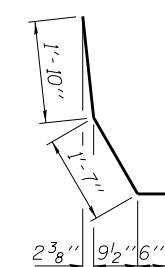
TYPICAL SECTION THRU PARAPET



BAR d(E)



BAR u(E)



BAR d1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	16	#5	19'-4"	—
a1(E)	16	#5	23'-4"	—
a2(E)	8	#6	4'-0"	—
d(E)	8	#4	5'-5"	L
d1(E)	8	#5	3'-11"	U
h(E)	12	#6	19'-4"	—
h1(E)	12	#6	23'-4"	—
u(E)	84	#4	2'-8"	Π
Concrete Removal			Cu. Yd.	11.5
Concrete Superstruct.			Cu. Yd.	13.5
Bar Splicers			Each	28
Reinforcement Bars, Epoxy Coated			Pound	1750

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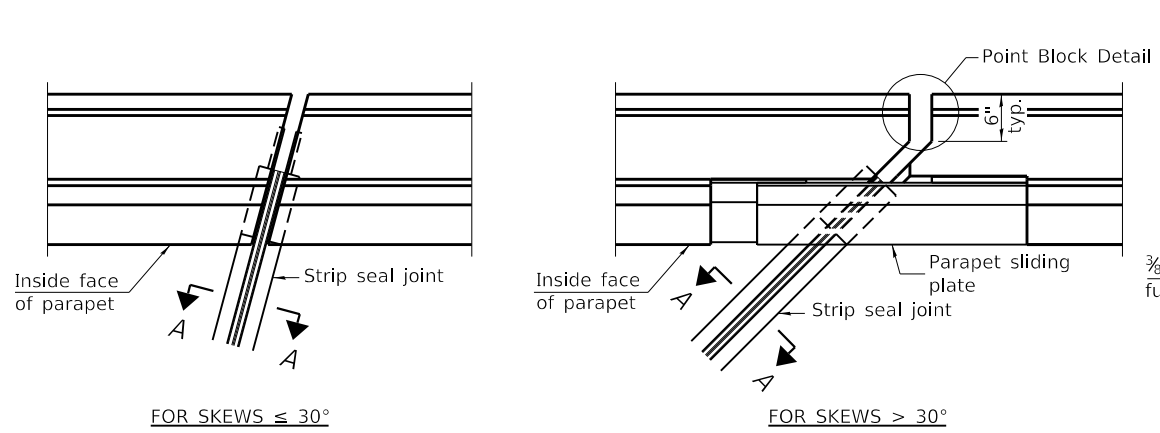
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PLOT DATE = 12/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

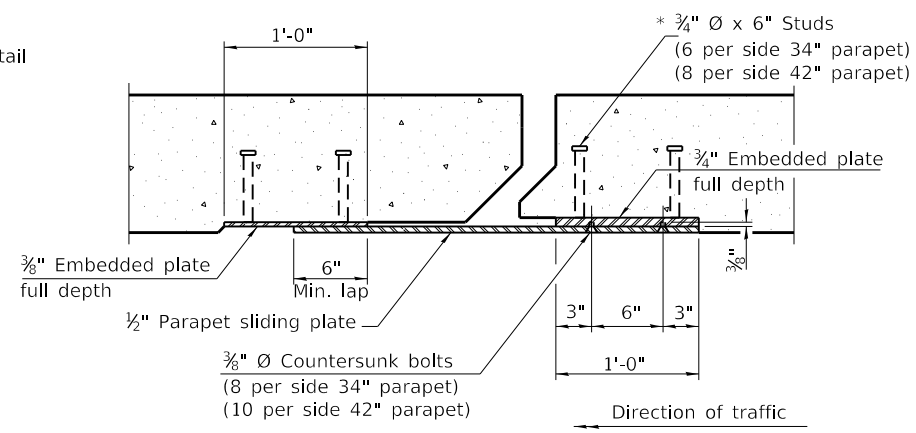
JOINT REPLACEMENT DETAILS
SN 054-0076 (S.B.)

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	34
			CONTRACT NO. 72K76	
ILLINOIS FED. AID PROJECT				

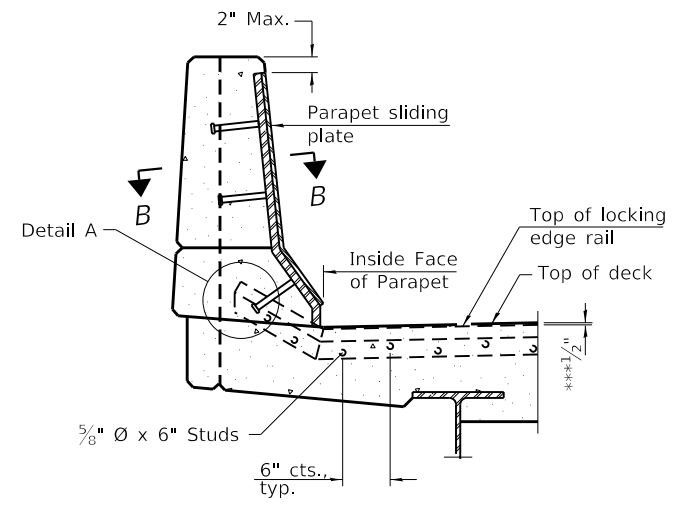


PLAN AT PARAPET



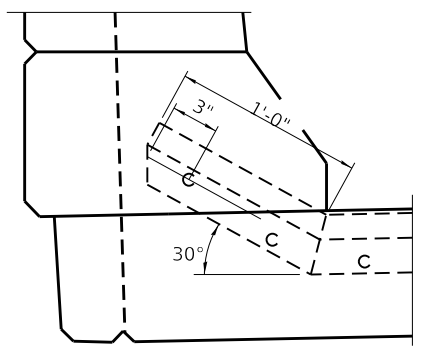
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.



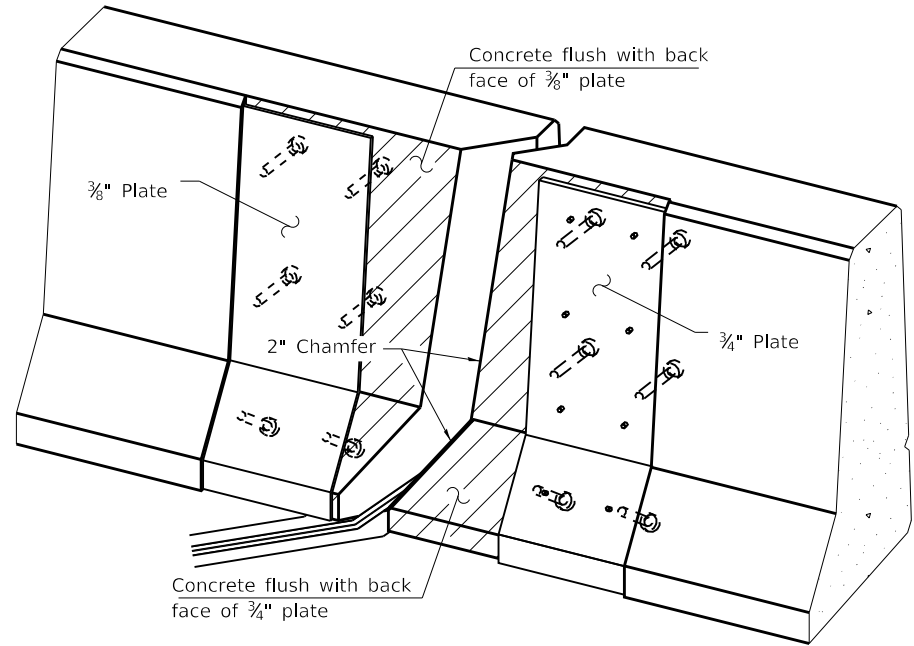
ELEVATION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



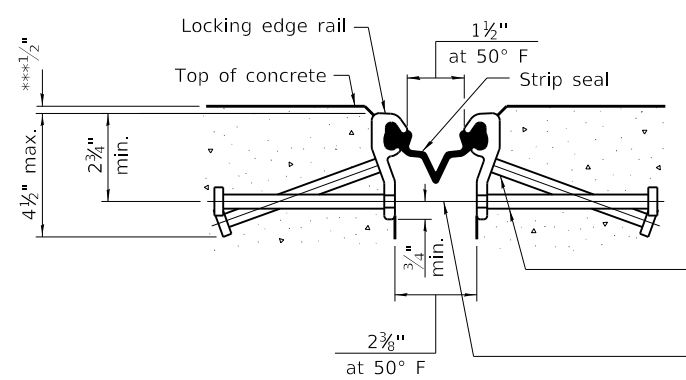
DETAIL A

*** Prior to 1/4" Diamond Grinding



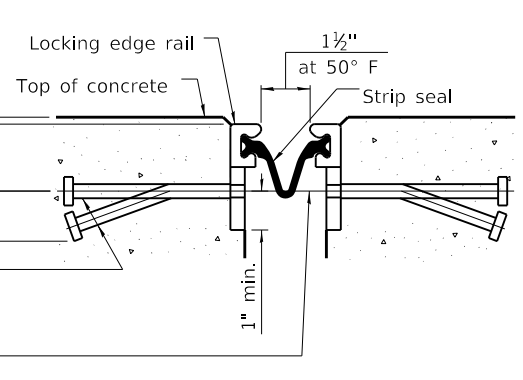
TRIMETRIC VIEW

(Showing embedded plates only)

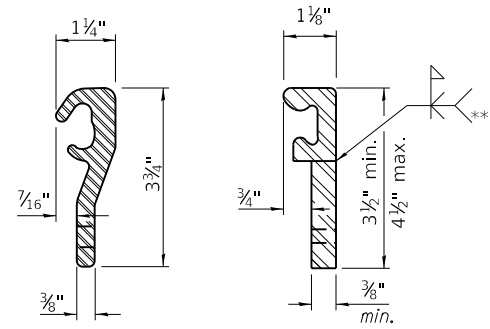


SHOWING ROLLED RAIL JOINT

* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" φ threaded rods in 7/16" φ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

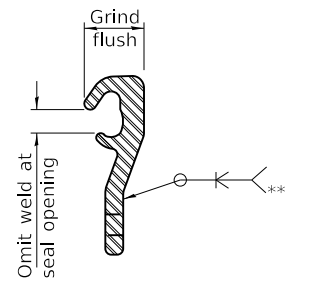


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.
 Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	86

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 DATE: 12/16/2019

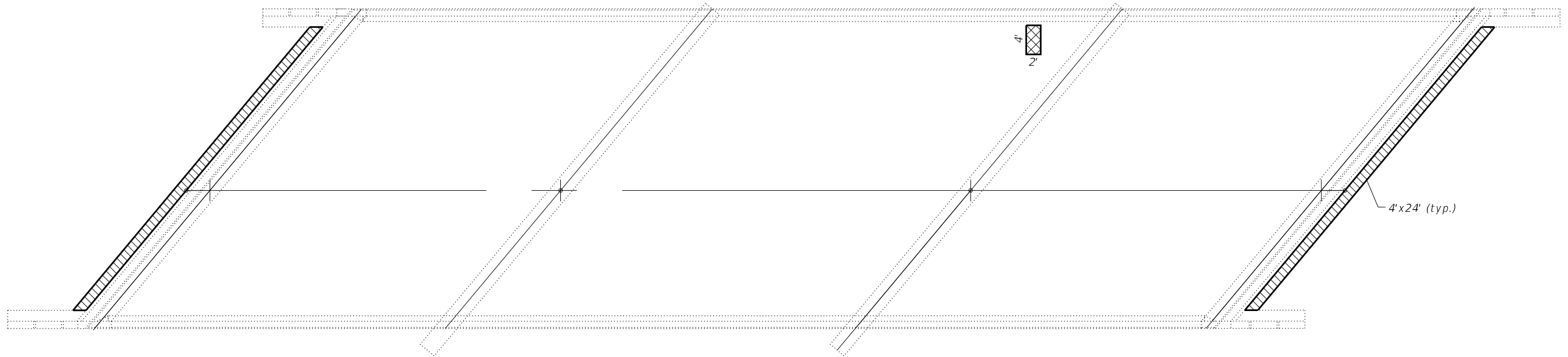
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PLOT DATE = 12/16/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
 SN 054-0076 (S.B.)

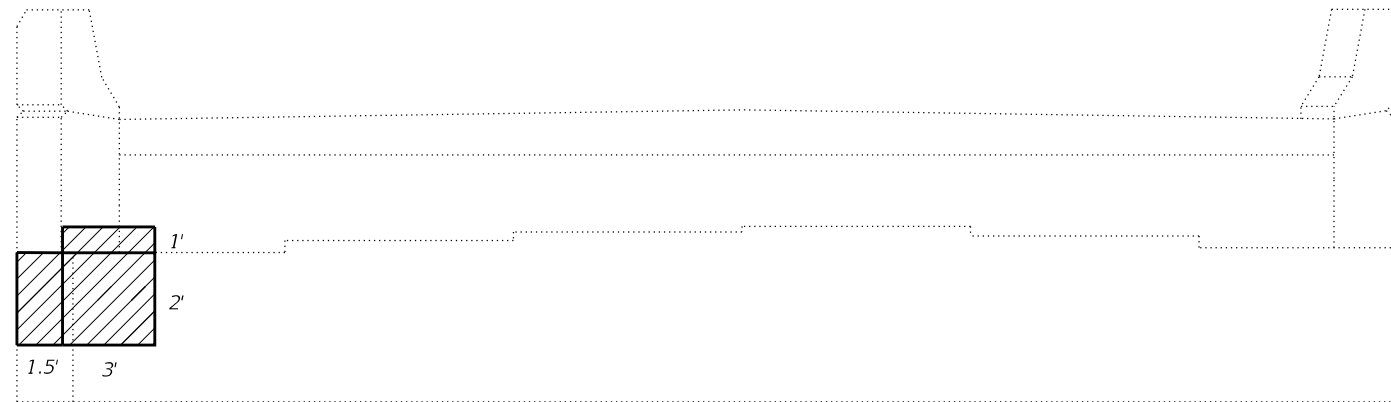
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F.A.I. RTE. 155	SECTION (54-10) BRR, BDR	COUNTY LOGAN	TOTAL SHEETS 46	SHEET NO. 35
CONTRACT NO. 72K76			ILLINOIS FED. AID PROJECT	



DECK PATCHING PLAN

-  Deck Slab Repair (Full Depth, Type II)
-  Structural Repair of Concrete =<5 inches
-  Approach Slab Repair



ABUTMENT REPAIR DETAILS

South Abutment Looking South
North Abutment Looking North

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	0.8
Structural Repair of Concrete (Depth =<5")	Sq. Ft.	24.0
Approach Slab Repair	Sq. Yd.	21.3

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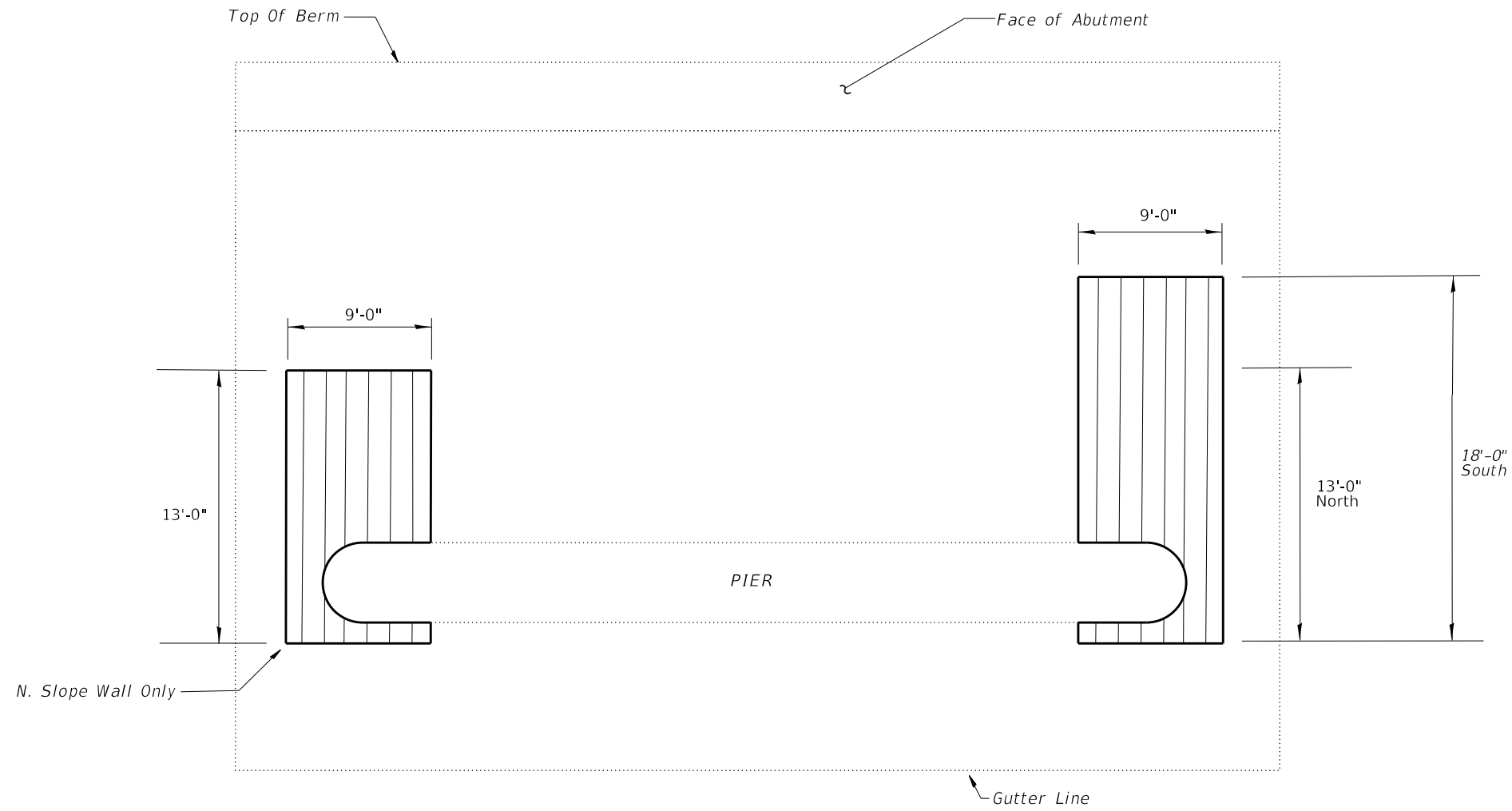
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PLOT DATE = 12/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE REPAIRS
SN 054-0076 (S.B.)**

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

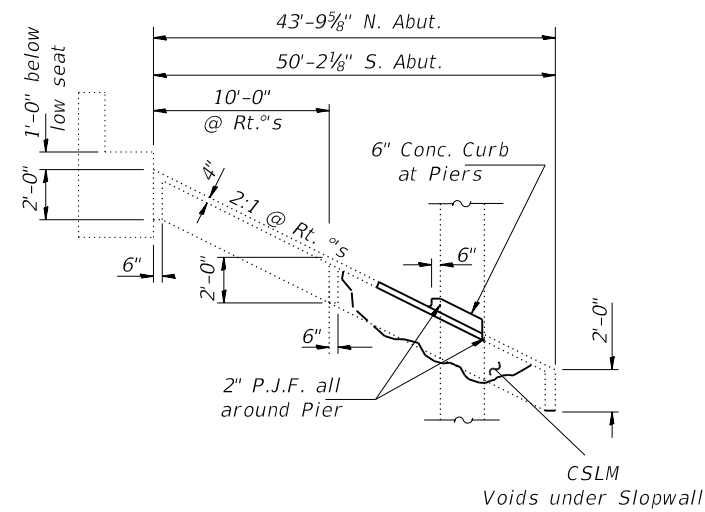
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	36
			CONTRACT NO. 72K76	
		ILLINOIS	FED. AID PROJECT	



 Slopewall Removal/Replacement Locations

SLOPEWALL REPAIR DETAIL

(North Slopewall Looking North, South Similar Except as Noted)



SECTION THRU SLOPEWALL

Actual Limits of CSLM and Slopewall Repairs to be determined by the Engineer
 Voided area under slopewall shall be filled with Controlled Low-Strength Material as directed by the Engineer
 All silt, sand and other debris in gutter at bottom of slopewall to be removed. Cost included with Controlled Low-Strength Material.

BILL OF MATERIAL

Item	Unit	Total
Controlled Low-Strength Material	Cu. Yd.	29.3
Slope Wall Removal	Sq. Yd.	44
Slope Wall 4 inch	Sq. Yd.	44

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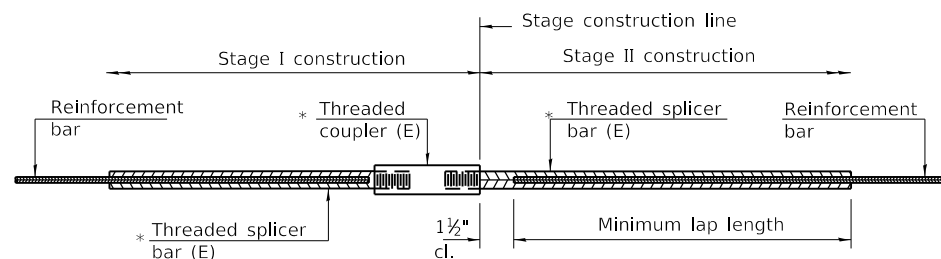
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SLOPE WALL REPAIRS
 SN 054-0076 (S.B.)**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 72K76	

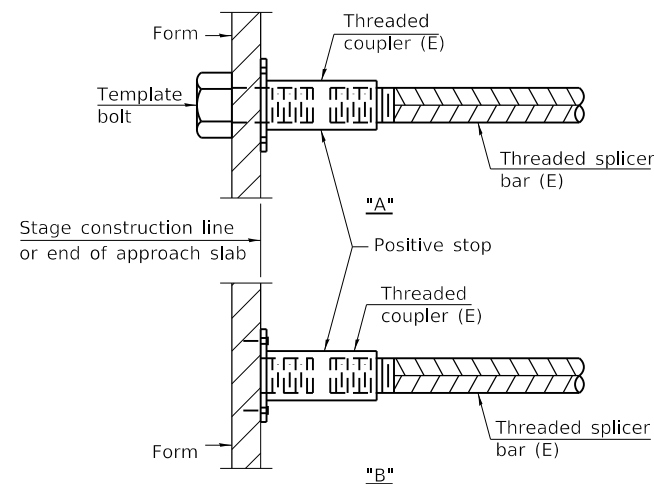


STANDARD BAR SPLICER ASSEMBLY

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Bridge Deck	#5	16	3'-6"
Hatch Block	#6	12	4'-0"

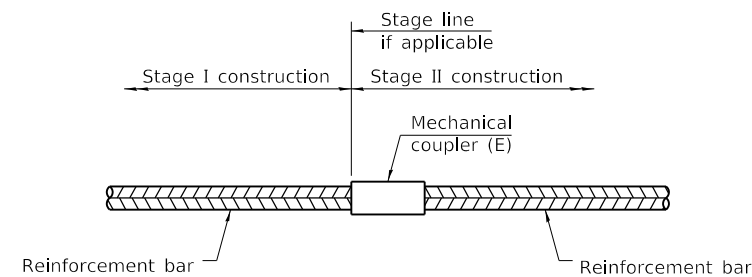


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

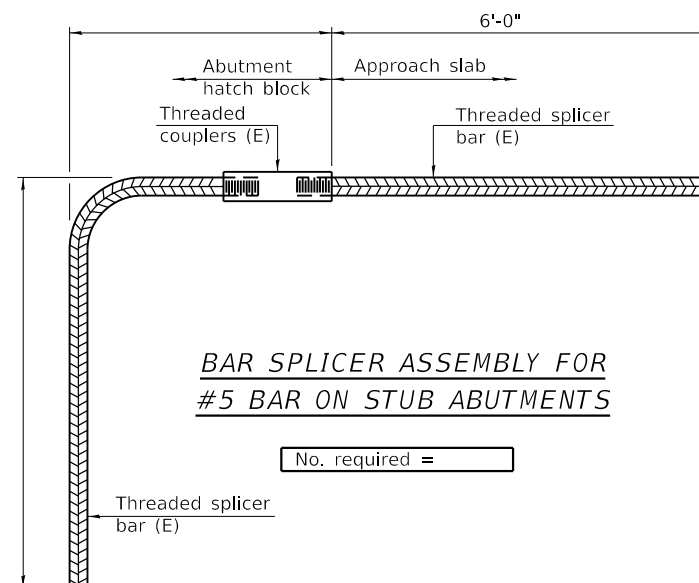
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

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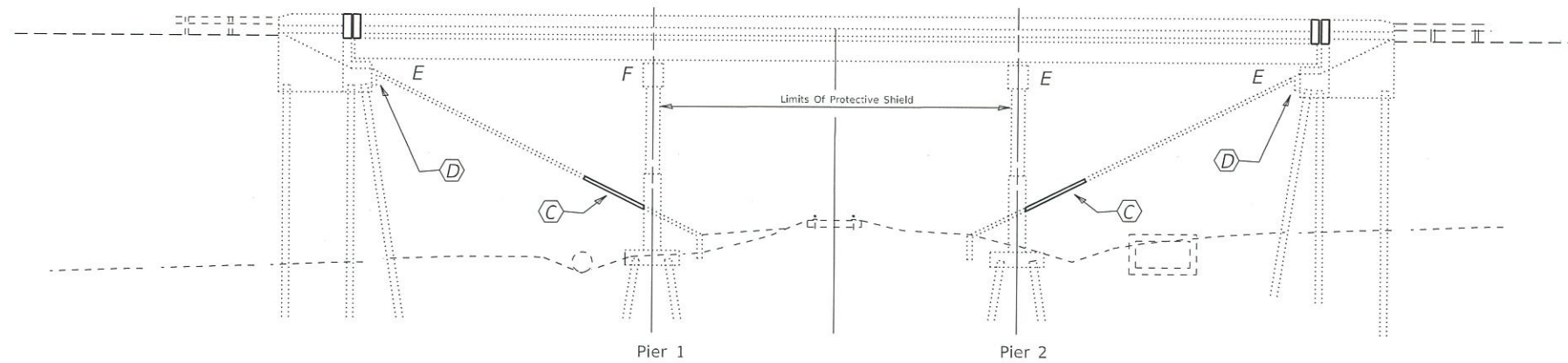
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY & MECHANICAL SPLICER DETAILS
SN 054-0076 (S.B.)**

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

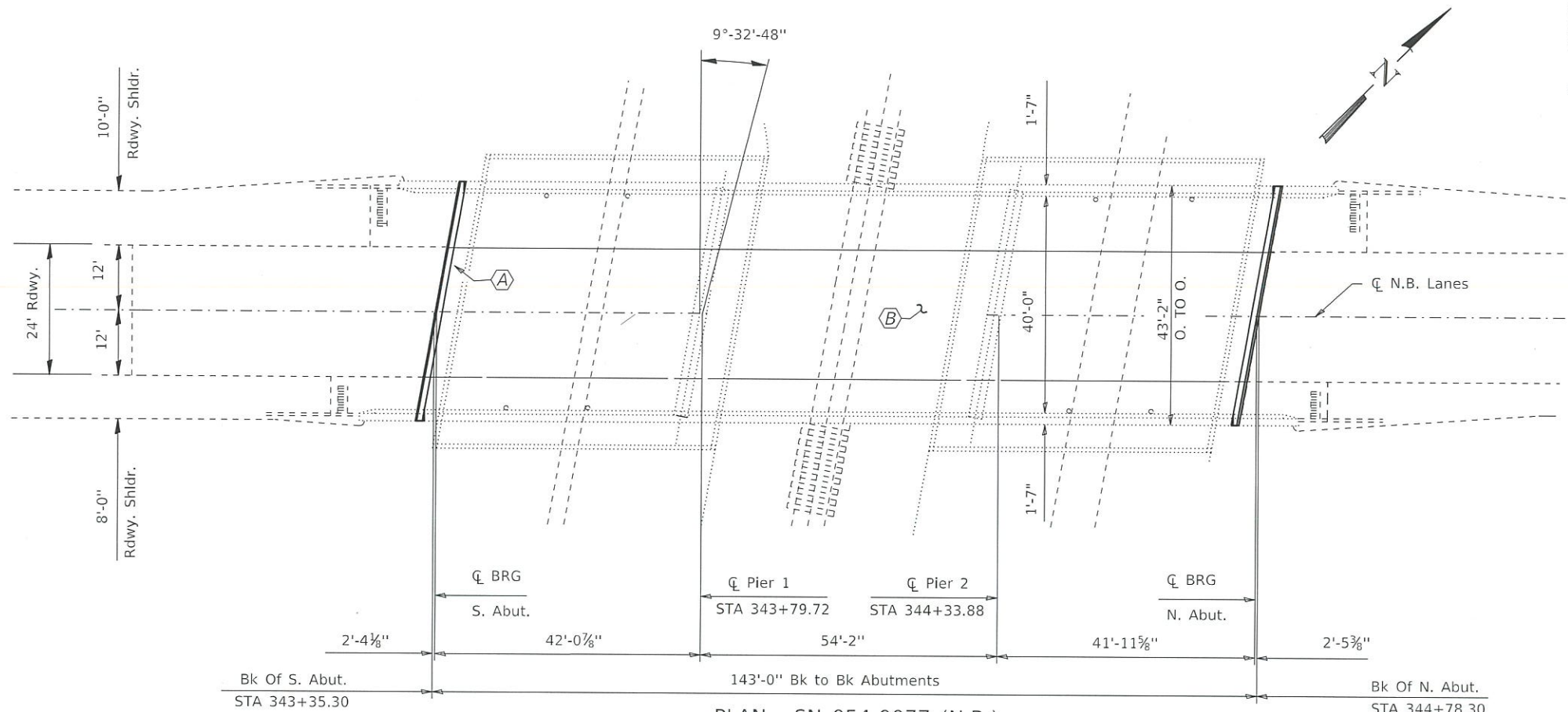
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	38
			CONTRACT NO. 72K76	
		ILLINOIS	FED. AID PROJECT	



ELEVATION

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
 Reinforcement bars designated (E) shall be epoxy coated.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
 Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Contractor shall suspend Hydro-scarification activities during passing Railroad traffic through the tracks routed underneath the bridge.



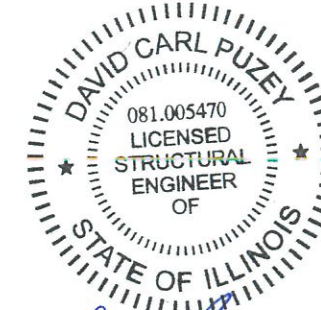
PLAN - SN 054-0077 (N.B.)
 STA 344+11.34

- (A) - Replace existing expansion joints at abutments with Preformed Joint Strip Seals.
- (B) - Bridge Deck Scarification, Deck Slab and Approach Repair, New Microsilica Concrete Overlay & Diamond Grinding.
- (C) - Fill voids under Slopewalls with CLSM & replace broken Slopewall.
- (D) - Repair spalled concrete and cracks at abutments and piers.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	11.5
Concrete Superstructure	Cu. Yd.	13.5
Bridge Deck Microsilica Concrete Overlay 2 1/2"	Sq. Yd.	601
Reinforcement Bars, Epoxy Coated	Pound	1750
Bar Splicers	Each	28
Bridge Deck Scarification 3/4"	Sq. Yd.	601
Diamond Grinding (Bridge Section)	Sq. Yd.	540.6
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	382
Preformed Joint Strip Seal	Foot	86
Concrete Sealer	Sq. Ft.	4.5
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	7.4
Structural Repair of Concrete (Depth =<5")	Sq. Ft.	4.5
* Protective Coat	Sq. Yd.	646
Controlled Low-Strength Material	Cu. Yd.	47.3
Slope Wall Removal	Sq. Yd.	71
Slope Wall 4 inch	Sq. Yd.	71
Protective Shield	Sq. Yd.	646
Approach Slab Repair	Sq. Yd.	21.3

* On new concrete & overlay only.



David Carl Puzey 1/16/2020
 Expires 1/30/2020

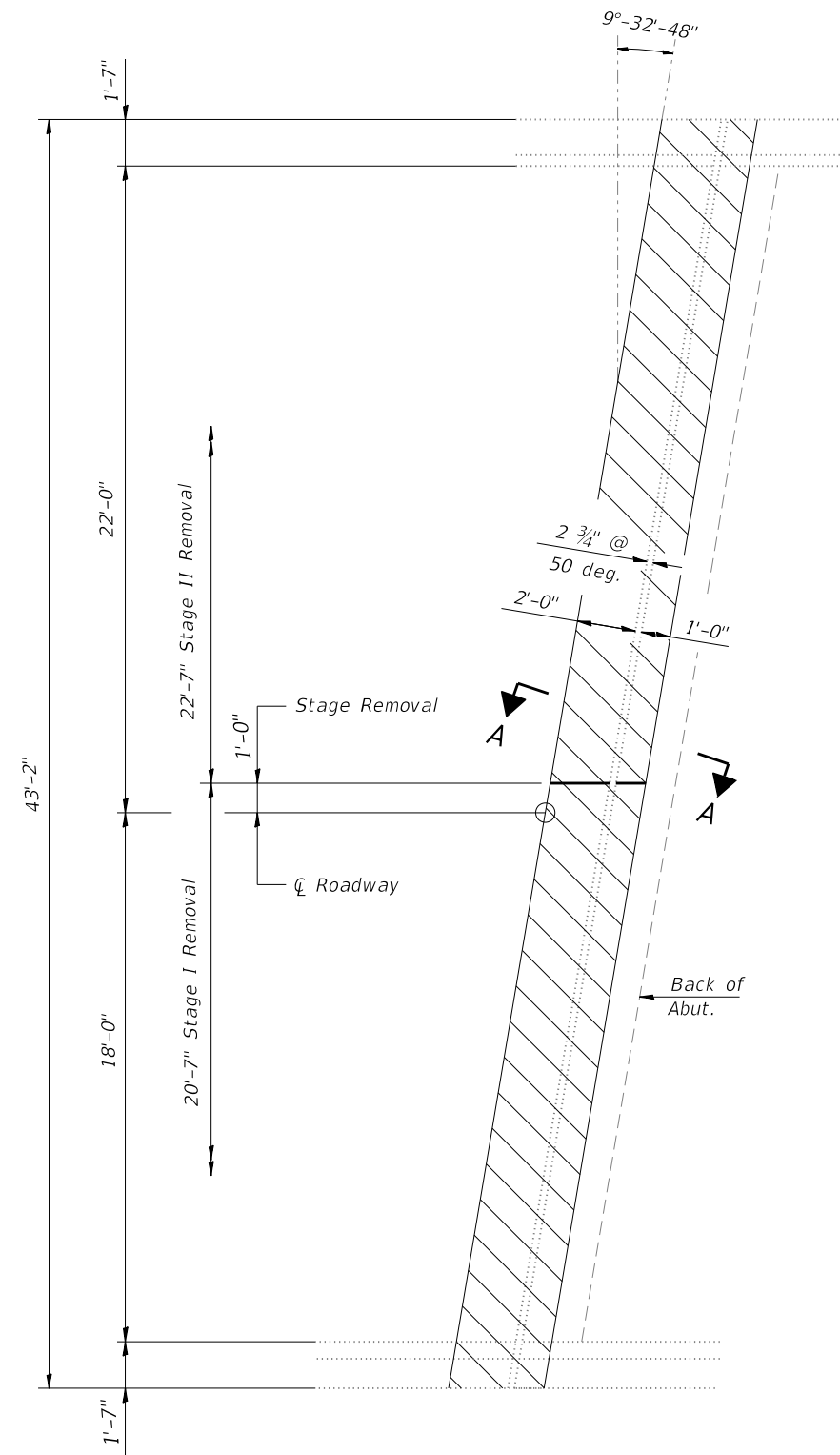
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

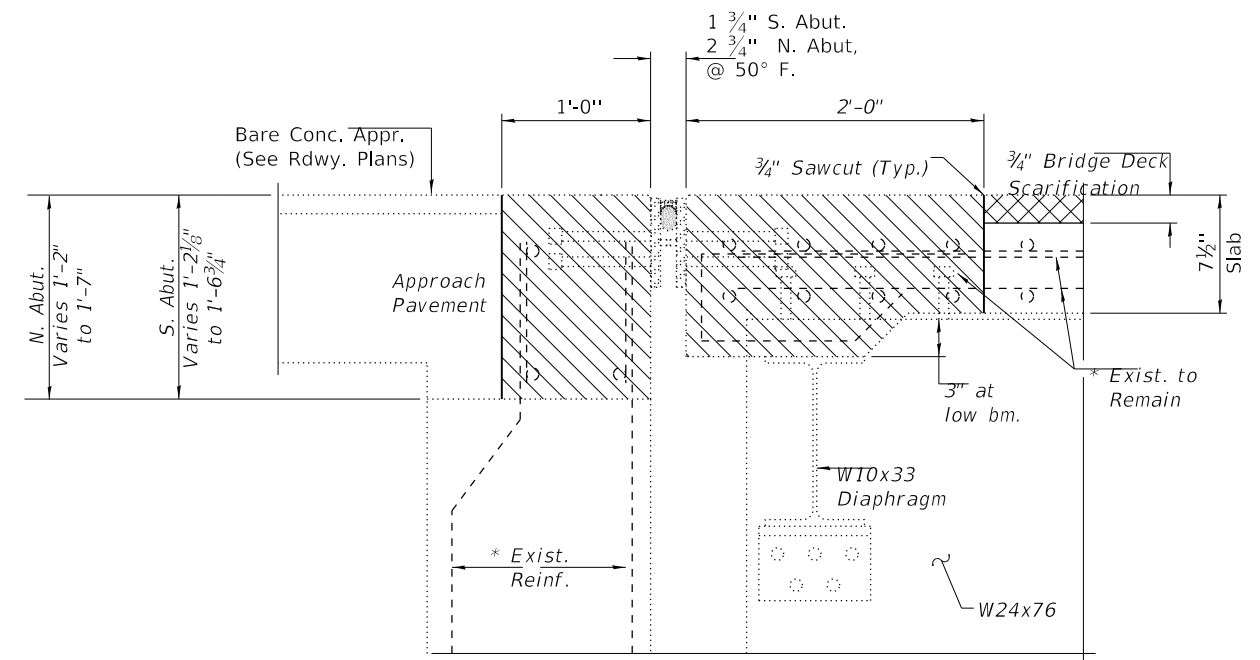
GENERAL PLAN & ELEVATION
INTERSTATE 155 OVER ICG RR SN 054-0077 (N.B.)
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72K76	



JOINT REMOVAL PLAN - SN 054-0077 (N.B.)

(North Abutment shown, South Abutment similar except as noted.)



SECTION A-A

Dims. at Rt. <'s

* Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.

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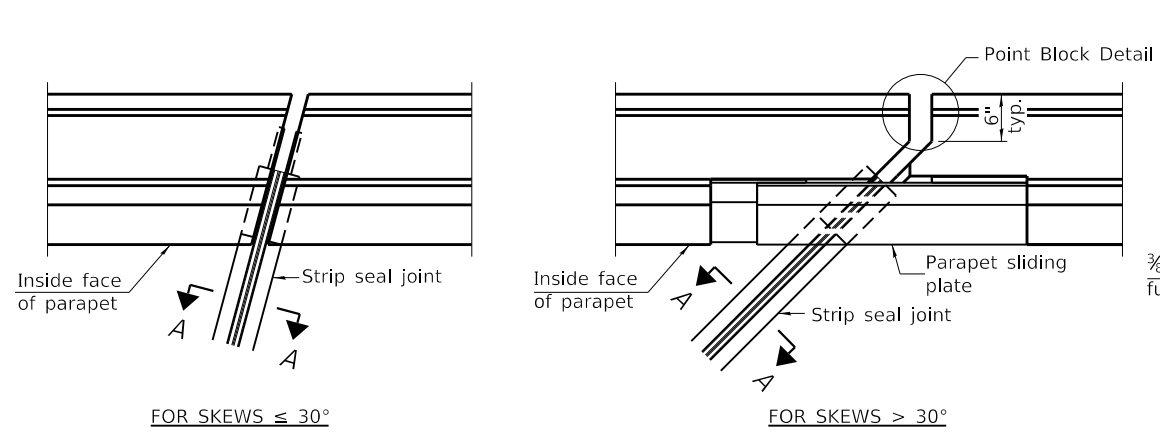
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

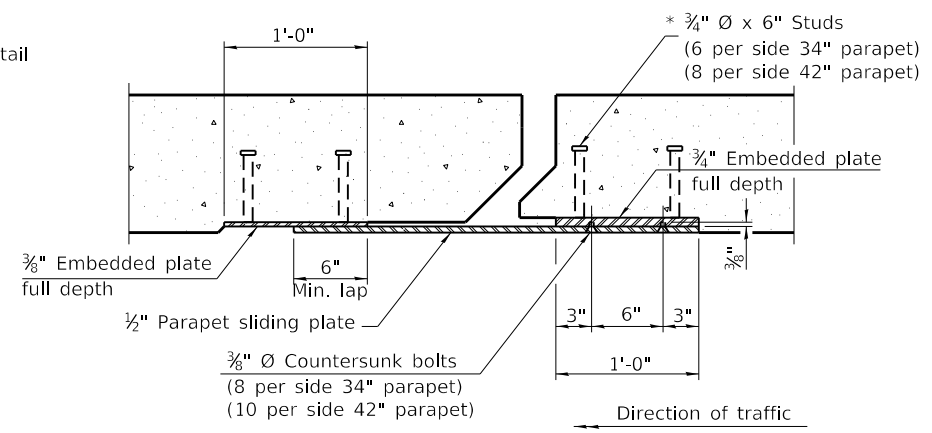
**JOINT REMOVAL DETAILS
SN 054-0077 (N.B.)**

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	41
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				

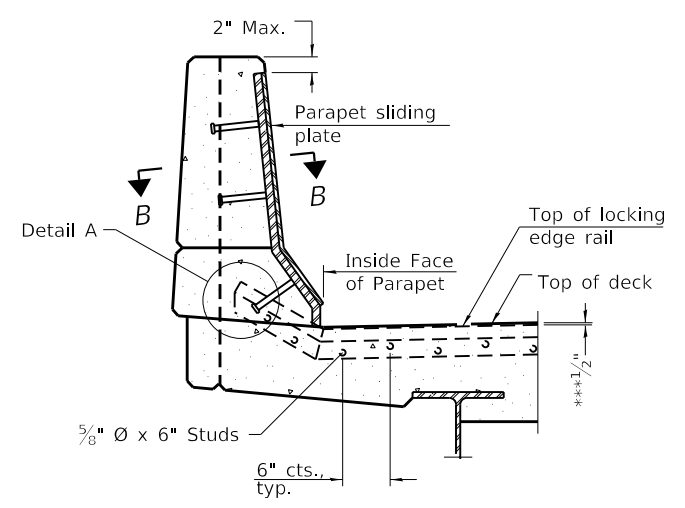


PLAN AT PARAPET



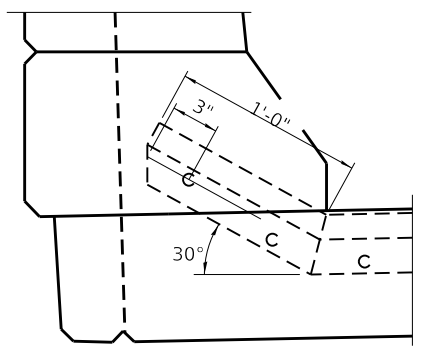
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.



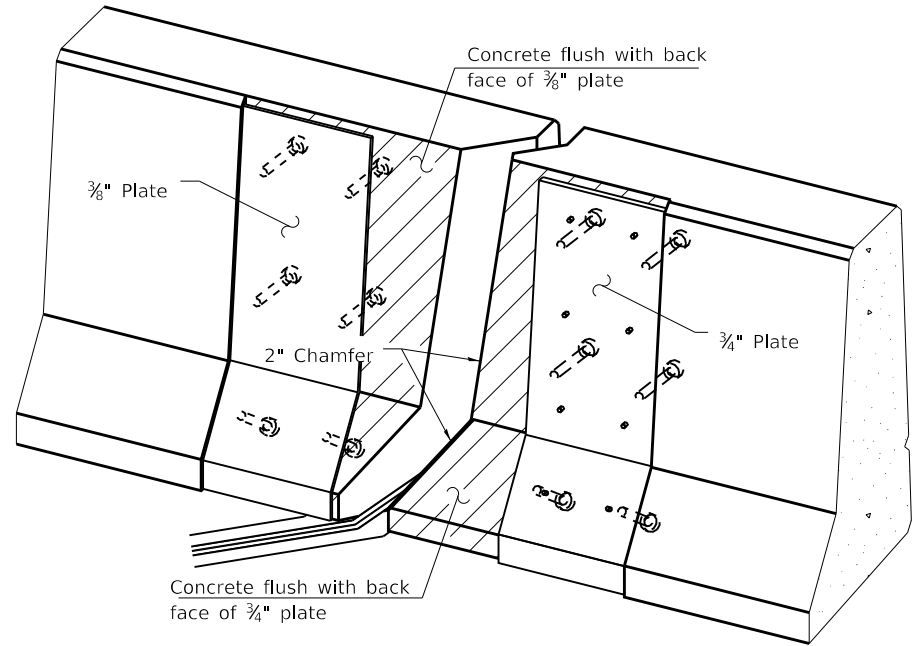
ELEVATION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)

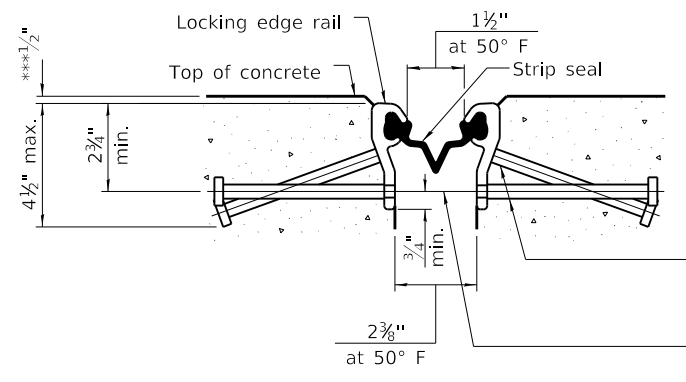


DETAIL A

*** Prior to 1/4" Diamond Grinding

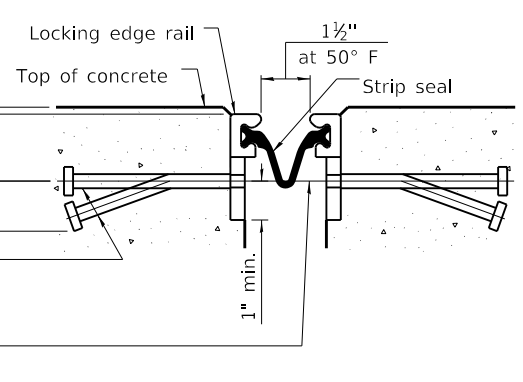


TRIMETRIC VIEW
 (Showing embedded plates only)

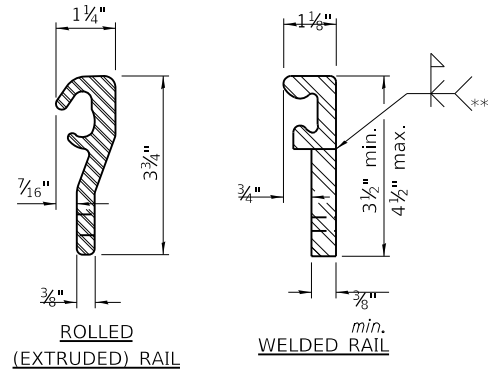


SHOWING ROLLED RAIL JOINT

* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" φ threaded rods in 7/16" φ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

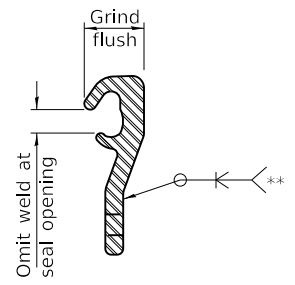


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.
 Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	86

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 OFFICE: 155
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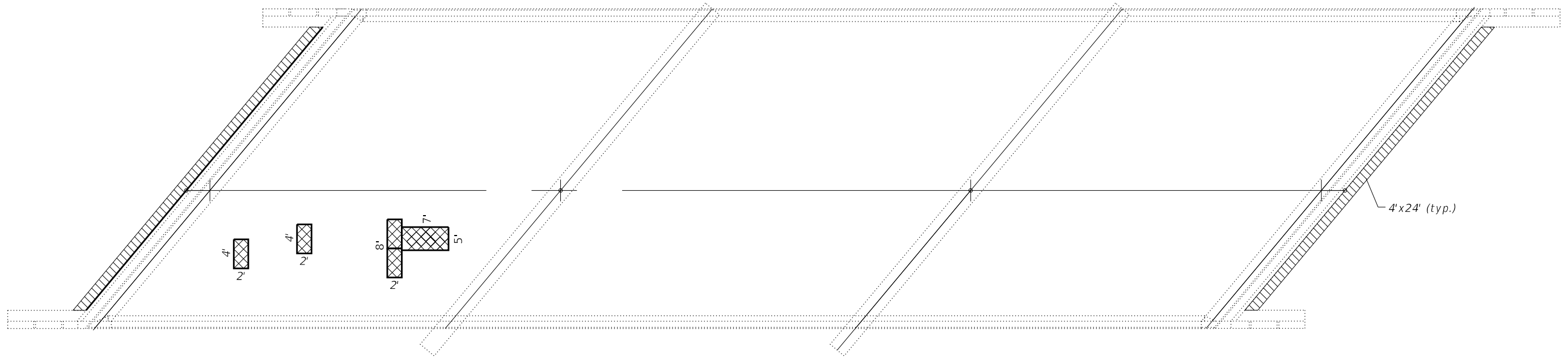
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION




PREFORMED JOINT STRIP SEAL
 SN 054-0077 (N.B.)

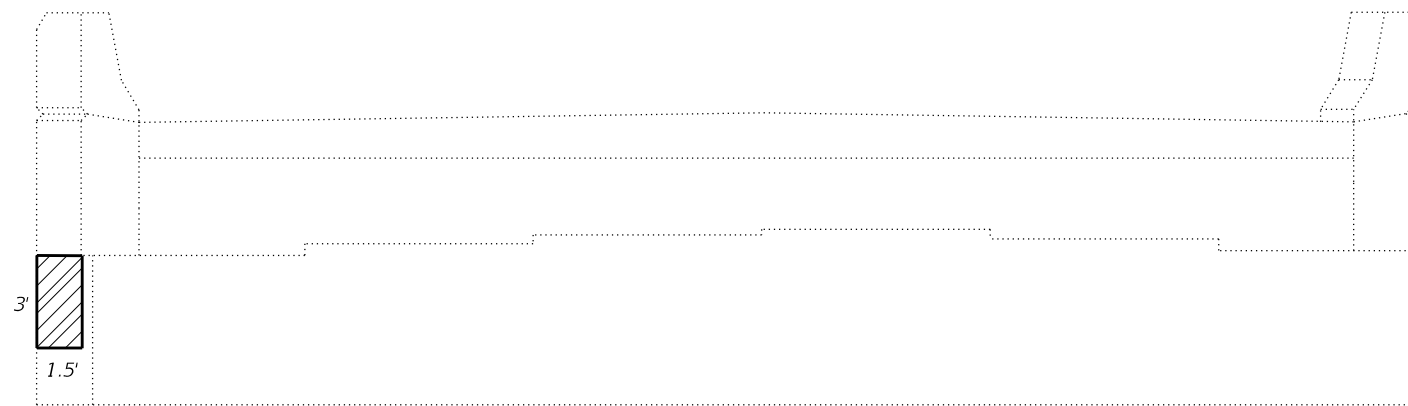
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	43
CONTRACT NO. 72K76				
ILLINOIS		FED. AID PROJECT		



DECK PATCHING PLAN

-  Deck Slab Repair (Full Depth, Type II)
-  Structural Repair of Concrete =<5 inches
-  Approach Slab Repair



ABUTMENT REPAIR DETAILS

South Abutment Looking South
North Abutment Looking North

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	7.4
Structural Repair of Concrete (Depth =<5")	Sq. Ft.	4.5
Approach Slab Repair	Sq. Yd.	21.3

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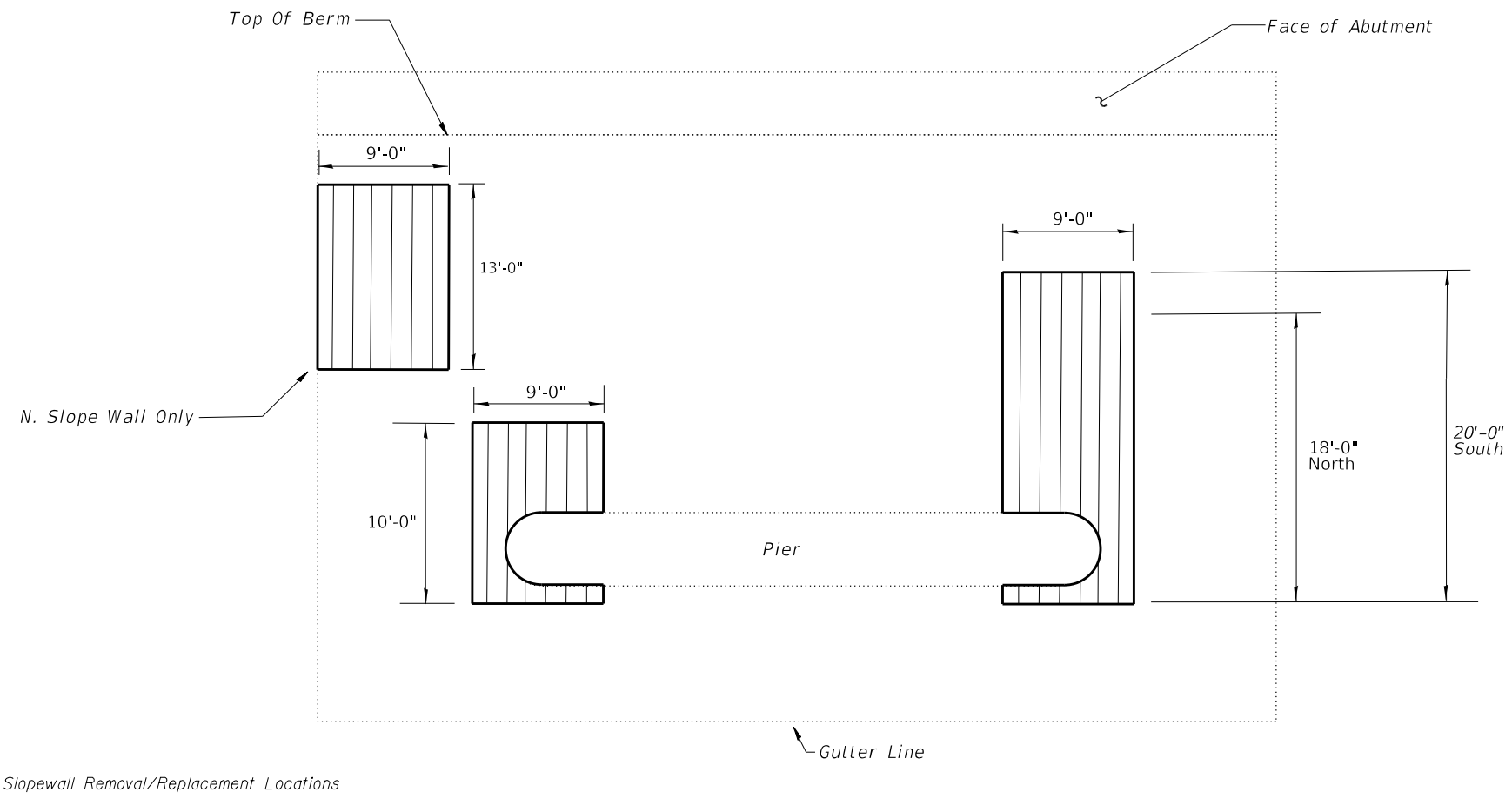
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE REPAIRS
SN 054-0077 (N.B.)**

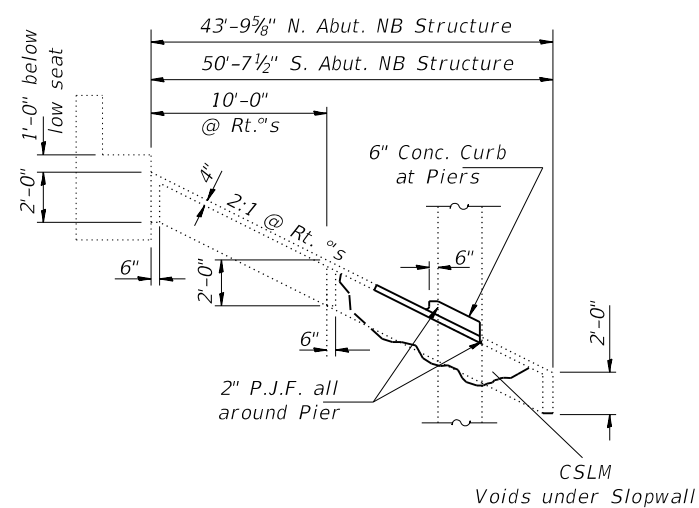
SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	44
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				



SLOPEWALL REPAIR DETAIL

(North Slopewall Looking North, South Similar Except As Noted)



SECTION THRU SLOPEWALL

Actual Limits of CSLM and Slopewall Repairs to be determined by the Engineer
 Voided area under slopewall shall be filled with Controlled Low-Strength Material as directed by the Engineer
 All silt, sand and other debris in gutter at bottom of slopewall to be removed. Cost included with Controlled Low-Strength Material.

BILL OF MATERIAL

Item	Unit	Total
Controlled Low-Strength Material	Cu. Yd.	47.3
Slopewall Removal	Sq. Yd.	71
Slopewall 4 inch	Sq. Yd.	71

MODEL: Default
 FILE: \\blm1c2.pva\pub\lanscom\data\illinois.gov\PI\DOT\Documents\DOT_Offices\District 6\Projects\0672K76\CADD\DATA\CAD\Sheet\STRUCTURE-PLANS.dgn

USER NAME = cslrad	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SLOPE WALL REPAIRS
 SN 054-0077 (N.B.)**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	(54-10) BRR, BDR	LOGAN	46	45
CONTRACT NO. 72K76				
ILLINOIS FED. AID PROJECT				

