

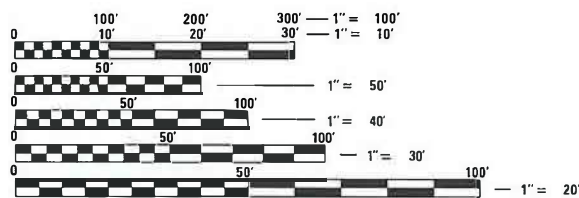
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HIGHWAY STANDARDS

001001-02	701311-03
630001-12	701321-18
630301-09	701901-08
631031-17	704001-08
631033-08	725001-01
701006-05	780001-05
701201-05	782006-01
701301-04	

ADT = 2550 (2019)
 SU = 7.8%
 MU = 2.7%



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

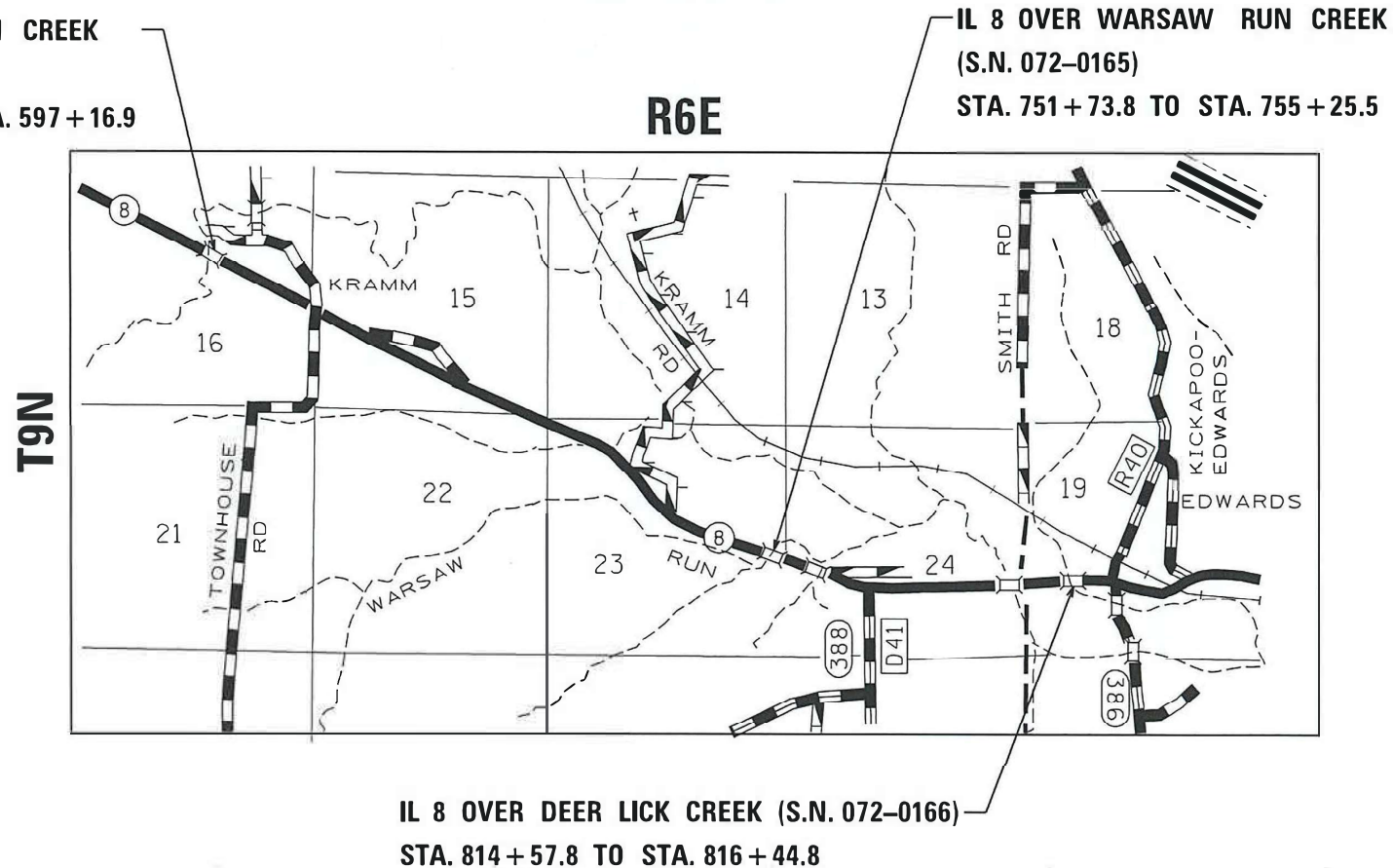
PROJECT ENGINEER RICHARD DOTSON (309-671-3455)
 PROJECT MANAGER KEVIN HORST (309-671-3472)
 CATALOG NO. 036074-00D
 CONTRACT NO. 68F74

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
 HIGHWAY PLANS**

FAS ROUTE 1388 (IL 8)
 SECTION [(Z-1D)BR-2,3;Z-1B-15D)BR]BDR
 PROJECT STP-Z5II(549)
 BRIDGE PRESERVATION
 PEORIA COUNTY

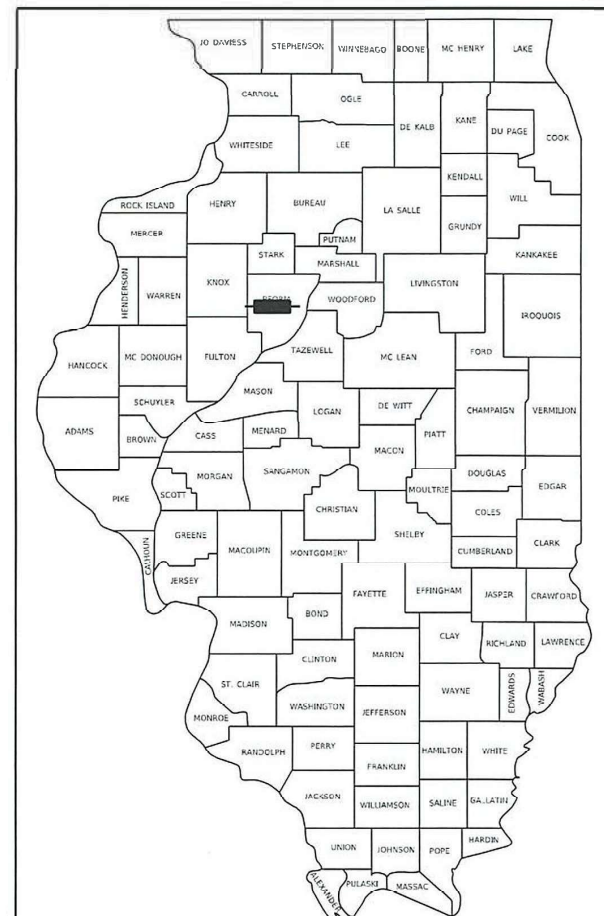
C-94-095-20



GROSS LENGTH = 22212.6 FT. = 4.207 MILE
 NET LENGTH = 823.4 FT. = 0.155 MILE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR, BJR	PEORIA	39	1
		ILLINOIS	CONTRACT NO. 68F74	

D-94-063-20



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

BRIDGE DECK OVERLAY & BRIDGE JOINT REPLACE/REPAIR
 ON IL 8 STRUCTURES: SN 072-0164 OVER NIXON RUN CREEK;
 SN 072-0165 OVER WARSAW CREEK AND SN 072-0166 OVER
 KICKAPOO CREEK TRIBUTARY

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED September 2, 2021
[Signature]
 REGIONAL ENGINEER

October 1, 2021
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

October 21, 2021
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made. No commitments have been made on this project.

BRIDGE OVERLAY NOTIFICATION

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

SECURING DRAINAGE STRUCTURE GRATES

Prior to routing traffic onto the shoulders as shown in the staging plans, the Contractor shall secure gratings on shoulder inlets as directed by the Engineer. This work will not be paid for separately, but shall be included in the cost of the traffic control pay item.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb /sq ft
Existing Pavement	0.08 lb /sq ft
Fog Coat (between lifts)	0.08 lb /sq ft

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- 2, 3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- Multi-Lane Divided Roadways – outside edge of pavement in both directions
- Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX + X00)", where X represents the pavement station

This work will not be paid for separately, but will be included in the cost of the associated pavement and/or overlay pay items.

NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

NAME PLATE RELOCATION ON METAL PLATE BRIDGE RAIL

Name plates that will be removed as a result of this work shall be relocated on the Metal Plate Bridge Rail or concrete parapet wall as directed by the Engineer. The cost of removing and replacing the name plates, including all necessary fasteners, will not be measured or paid for separately but will be considered incidental to the contract.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface (includes Shoulders)	Polymer Binder (includes Shoulders)	Partial Depth Patch 2.5"	8" Shoulders (All Lifts)
AC/PC:	SBS OR SBR 76-28	SBS 76-22	SBS OR SBR 76-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 4.75	IL 9.5	IL 9.5
Friction Aggregate:	Mix E	N.A.	N.A.	Mix C
Quality Management:	QCQA	QCQA	QCQA	QCQA

Notes:

- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.
- 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	2
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

MODEL - General Notes and CAD FILE NAME: \\mtr\proj\6874\Drawings\68F74_Sheets.dgn

USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0089' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2021	DATE -	REVISED -

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE	BRIDGE
				0013	0013	0013
				S.N. 072-0164	S.N. 072-0165	S.N. 072-0166
20200500	EARTH EXCAVATION (WIDENING)	CU YD	6			6
21400100	GRADING AND SHAPING DITCHES	FOOT	150	150		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	1631	257	1214	160
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	743	358	227	158
40600990	TEMPORARY RAMP	SQ YD	118	43	38	37
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	51		51	
40604170	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N50	TON	123	30	80	13
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4	4		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	25			25
50102400	CONCRETE REMOVAL	CU YD	8.8	8.8		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	8.8	8.8		
50300260	BRIDGE DECK GROOVING	SQ YD	1571	813	318	440
50300300	PROTECTIVE COAT	SQ YD	1655	857	338	460
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1330	1330		

MODEL: Schedule of Quantities
 FILE NAME: \\illinoisgo\des\des\shared\pdp\GEN\WIN\RD\STD\PL\NS\Squad\3\IL B over Nixon Run Creek 68F74\Drawings\68F74 Sheets.dgn

USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.2341' / in.	CHECKED -	REVISED -
PLOT DATE = 9/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-ID)BR-2]BDR,BJR	PEORIA	39	3
CONTRACT NO. 68F74				
[ILLINOIS] FED. AID PROJECT				

MODEL: Schedule of Quantities
 FILE: \\net1\1\linat\gpx\63\1\04\Share\PD\GEN\W\WRD\STD\PLNS\Sched03\1\ 8 over Nocr. Run Creek 68F74\Drawings\68F74_Sheets.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
				BRIDGE 0013	BRIDGE 0013	BRIDGE 0013
				S.N. 072-0164	S.N. 072-0165	S.N. 072-0166
50800515	BAR SPLICERS	EACH	12	12		
52000030	PREFORMED JOINT STRIP SEAL 2-1/2"	FOOT	94	94		
52000110	PREFORMED JOINT STRIP SEAL	FOOT	94	94		
60500305	FILLING INLETS	EACH	1		1	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1238	225	550	463
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	10	2	4	4
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	3	4	4
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	2287	551	891	845
67100100	MOBILIZATION	L SUM	1	1		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	3	1	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	3	1	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	15	6	6	3

*= SPECIALTY ITEM

USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.3227' / in.	CHECKED -	REVISED -
PLOT DATE = 9/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.S. RTE. 1388	SECTION (12-10)BR-2)BDR,BJR	COUNTY PEORIA	TOTAL SHEETS 39	SHEET NO. 4
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING SCHEDULE									
LOCATION				78300202 PAVEMENT MARKING REMOVAL WATER BLASTING	70300904 PAVEMENT MARKING TAPE, TYPE IV 4"	70300924 PAVEMENT MARKING TAPE, TYPE IV 24"	X7030005 TEMPORARY PAVEMENT MARKING REMOVAL		
IL 8		EDGE/CL	LT/RT	FT	SQ FT	FT	FT	SQ FT	
S.N. 072-0164									
STAGE I									
STA	591+36.00	TO	593+38.00	CL		202.0	38.8		
STA	598+34.00	TO	600+07.00	CL		173.0	14.4		
STA	592+96.00	TO	598+53.00	EDGE	RT	557.0	185.7		
STA	591+96.00	TO	599+97.00		RT/LT	801.0		801.0	267.0
STA	592+96.00	TO	598+53.00		RT	557.0		557.0	185.7
STAGE II									
STA	593+38.00	TO	598+34.00	EDGE	LT	496.00	165.3		
STA	591+95.00	TO	599+34.00		RT/LT	739.00		739.0	246.3
STA	593+38.00	TO	598+34.00		LT	496.00		496.0	165.3
S.N. 072-0165									
STAGE I									
STA	749+37.00	TO	750+97.00	CL		160.0	56.7		
STA	755+93.00	TO	757+62.00	CL		169.0	112.7		
STA	751+20.00	TO	755+68.00	EDGE	RT	448.0	149.3		
STA	749+97.00	TO	757+33.00		RT/LT	736.0		736.0	245.3
STA	751+20.00	TO	755+68.00		RT	448.0		448.0	149.3
STAGE II									
STA	751+17.00	TO	755+72.00	EDGE	LT	455.0	151.7		
STA	749+53.00	TO	757+02.00		RT/LT	749.0		749.0	249.7
STA	751+17.00	TO	755+72.00		LT	455.0		455.0	151.7
S.N. 072-0166									
STAGE I									
STA	811+63.00	TO	813+34.75	CL		171.8	14.3		
STA	817+54.75	TO	819+40.00	CL		185.3	123.5		
STA	813+47.00	TO	817+31.00	EDGE	RT	384.0	128.0		
STA	812+23.00	TO	818+99.00		RT/LT	676.0		676.0	225.3
STA	813+47.00	TO	817+31.00		RT	384.0		384.0	128.0
STAGE II									
STA	813+59.00	TO	817+56.00	EDGE	LT	397.00	132.3		
STA	811+91.00	TO	818+80.00		RT/LT	689.00		689.0	229.7
STA	813+59.00	TO	817+56.00		LT	397.00		397.2	132.4
S.N. 072-0164 SUBTOTALS						404	2593	24	912
S.N. 072-0165 SUBTOTALS						480	2388	24	844
S.N. 072-0166 SUBTOTALS						398	2146	24	763
TOTALS						1,282	7,127	72	2,519

SHOULDER SCHEDULE						
LOCATION			48203029 HOT-MIX ASPHALT SHOULDERS, 8"	21400100 GRADING AND SHAPING DITCHES	48101200 AGGREGATE SHOULDERS, TYPE B	20200500 EARTH EXCAVATION (WIDENING)
IL 8		LT/RT	SQ YD	FOOT	TON	CU YD
S.N. 072-0164						
STA	593+24.00	TO	597+84.80	RT		150
S.N. 072-0166						
STA	817+01.00	TO	817+42.00	RT		25.2
S.N. 072-0164 SUBTOTALS			0	150	4	0
S.N. 072-0166 SUBTOTALS			25	0	0	6
TOTALS			25	150	4	6

TEMPORARY CONCRETE BARRIER SCHEDULE						
LOCATION				70400100 TEMPORARY CONCRETE BARRIER	70100200 RELOCATE TEMPORARY CONCRETE BARRIER	
IL 8		LT/RT	FOOT	FOOT		
S.N. 072-0164						
STAGE I						
STA	593+05.94	TO	598+42.73	RT/LT	537.5	
STAGE II						
STA	593+60.92	TO	598+23.42	RT/LT		462.5
S.N. 072-0165						
STAGE I						
STA	751+07.72	TO	755+82.53	RT/LT	475.0	
STAGE II						
STA	751+06.64	TO	755+92.96	RT/LT	12.5	475.0
S.N. 072-0166						
STAGE I						
STA	813+33.10	TO	817+44.90	RT/LT	412.5	
STAGE II						
STA	813+45.10	TO	817+69.40	RT/LT	12.5	412.5
S.N. 072-0164 SUBTOTALS					537.5	462.5
S.N. 072-0165 SUBTOTALS					487.5	475.0
S.N. 072-0166 SUBTOTALS					425.0	412.5
TOTALS					1450	1350

PAVEMENT MARKING SCHEDULE						
LOCATION						78001110 PAINT PAVEMENT MARKING - LINE 4"
IL 8		EDGE/CL	LT/RT	FT		
S.N. 072-0164						
STA	591+36.00	TO	600+07.00	CL		283.8
STA	592+96.00	TO	598+53.00	EDGE	RT	557.0
STA	593+38.00	TO	598+34.00	EDGE	LT	496.0
S.N. 072-0165						
STA	749+37.00	TO	757+62.00	CL		1,305.8
STA	751+20.00	TO	755+68.00	EDGE	RT	448.0
STA	751+17.00	TO	755+72.00	EDGE	LT	455.0
S.N. 072-0166						
STA	811+63.00	TO	819+40.00	CL		624.8
STA	813+47.00	TO	817+31.00	EDGE	RT	384.0
STA	813+59.00	TO	817+56.00	EDGE	LT	397.0
S.N. 072-0164 SUBTOTALS						1,337
S.N. 072-0165 SUBTOTALS						2,209
S.N. 072-0166 SUBTOTALS						1,406
TOTALS						4,951

TEMPORARY IMPACT ATTENUATOR SCHEDULE				
STATION		70600251 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	70600352 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW) TEST LEVEL 3	
IL 8		LT/RT	EACH	EACH
S.N. 072-0164				
STAGE I				
STA	593+05.94	LT	1	
STA	598+42.73	LT	1	
STAGE II				
STA	593+60.92	RT		1
STA	598+23.42	RT		1
S.N. 072-0165				
STAGE I				
STA	751+07.72	LT	1	
STA	755+82.53	LT	1	
STAGE II				
STA	751+06.64	RT		1
STA	755+92.96	RT		1
S.N. 072-0166				
STAGE I				
STA	813+33.10	LT	1	
STA	817+44.90	LT	1	
STAGE II				
STA	813+45.10	RT		1
STA	817+69.40	RT		1
S.N. 072-0164 SUBTOTALS			2	2
S.N. 072-0165 SUBTOTALS			2	2
S.N. 072-0166 SUBTOTALS			2	2
TOTALS			6	6

MISCELLANEOUS SCHEDULE				
LOCATION			60500305 FILLING INLETS	20023600 FILLING EXISTING CULVERTS
IL 8		LT/RT	EACH	EACH
S.N. 072-0165				
STA	752+63.20	TO	752+93.80	RT
S.N. 072-0165 SUBTOTALS			1	1
TOTALS			1	1

70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS	
LOCATION	EACH
S.N. 072-0164	1
S.N. 072-0165	1
S.N. 072-0166	1
TOTAL	3

MODEL Schedule of Quantities
FILE NAME: \\illinois.gov\dot\DOT\GEN\W\WORD\STD6\PLANS\504003\11_8 over Nixon Run Creek 68F74D\Drawings\68F74_Sheets.dgn

USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0149' / in.	CHECKED -	REVISED -
PLOT DATE = 9/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1)BR-2]BDR,BIR	PEORIA	39	7
CONTRACT NO. 68F74			ILLINOIS FED. AID PROJECT	

GUARDRAIL SCHEDULE												
LOCATION				63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	72501000 TERMINAL MARKER - DIRECT APPLIED	78200005 GUARDRAIL REFLECTORS, TYPE A	63200310 GUARDRAIL REMOVAL	20001002 GUARDRAIL AGGREGATE EROSION CONTROL
IL 8				LT/RT	EACH	EACH	EACH	FOOT	EACH	EACH	FT	TON
S.N. 072-0164												
STA	593+45.00	TO	595+06.70	RT	1		1	87.5	1	4	156.0	22.1
STA	596+72.90	TO	597+84.80	RT		1		25.0	1	4	108.0	3.7
STA	593+73.30	TO	594+85.20	LT	1		1	25.0	1	4	113.4	2.0
STA	596+43.40	TO	598+17.60	LT		1	1	87.5	1	4	173.2	2.8
S.N. 072-0165												
STA	750+28.60	TO	752+93.90	RT	1		1	175.0	1	4	264.8	5.6
STA	753+85.30	TO	755+74.60	RT	1		1	100.0	1	4	190.6	10.7
STA	751+29.00	TO	753+14.50	LT	1		1	100.0	1	4	179.2	9.0
STA	754+03.70	TO	756+65.00	LT	1		1	175.0	1	4	255.9	7.7
S.N. 072-0166												
STA	812+86.90	TO	815+24.40	RT	1		1	150.0	1	4	233.0	2.5
STA	815+15.60	TO	817+78.10	RT	1		1	100.0	1	4	182.0	2.5
STA	813+36.90	TO	815+24.40	LT	1		1	100.0	1	4	185.0	2.5
STA	815+15.60	TO	817+78.10	LT	1		1	112.5	1	4	244.9	2.5
S.N. 072-0164 SUBTOTALS					2	2	3	225	4	16	551	31
S.N. 072-0165 SUBTOTALS					4	0	4	550	4	16	891	33
S.N. 072-0166 SUBTOTALS					4	0	4	463	4	16	845	10
TOTALS					10	2	11	1238	12	48	2287	74

SHORT TERM PAVEMENT MARKING SCHEDULE						
LOCATION					70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL
IL 8					FOOT	SQ FT
S.N. 072-0164						
STA	591+36	TO	600+07	CL	79.2	26.4
STA	591+36	TO	600+07	RT	33.5	11.2
STA	591+36	TO	600+07	LT	33.5	11.2
S.N. 072-0165						
STA	749+37	TO	757+62	CL	75	25.0
STA	749+37	TO	757+62	RT	31.7	10.6
STA	749+37	TO	757+62	LT	31.7	10.6
S.N. 072-0166						
STA	811+63	TO	819+40	CL	70.6	23.5
STA	811+63	TO	819+40	RT	29.9	10.0
STA	811+63	TO	819+40	LT	29.9	10.0
S.N. 072-0164 SUBTOTALS					146	49
S.N. 072-0165 SUBTOTALS					138	46
S.N. 072-0166 SUBTOTALS					130	43
TOTALS					415	138

RESURFACING SCHEDULE											
LOCATION				40600295 POLYMERIZE D BITUMINOUS MATERIALS (TACK COAT)	40604170 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N50	40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	40600990 TEMPORARY RAMP	X4421000 PARTIAL DEPTH PATCHING	X0556100 PARTIAL DEPTH PATCHING (SPECIAL)	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	
IL 8				LT/RT	POUND	TON	TON	SQ YD	TON	SQ YD	SQ YD
S.N. 072-0164											
STA	594+32.20	TO	594+87.20	LT/RT	128.7	15.0		21.7			178.8
STA	596+87.20	TO	597+16.90	LT/RT	128.7	15.0		21.7			178.8
S.N. 072-0165											
STA	751+73.80	TO	753+13.50	LT/RT	588.3	39.1	24.6	18.9	7.8	56.0	113.4
STA	753+86.80	TO	755+25.70	LT/RT	625.9	41.3	26.5	18.9	10.9	77.5	113.3
S.N. 072-0166											
STA	814+57.80	TO	814+87.80	LT/RT	79.0	6.0		18.3	5.3	37.8	71.9
STA	816+14.80	TO	816+44.80	LT/RT	81.2	7.2		18.3	3.7	26.6	86.2
S.N. 072-0164 SUBTOTALS					257	30	0	43	0	0	358
S.N. 072-0165 SUBTOTALS					1214	80	51	38	19	134	227
S.N. 072-0166 SUBTOTALS					160	13	0	37	9	64	158
TOTALS					1631	123	51	118	28	198	743

70107025 CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DA
S.N. 072-0164 (2 SIGNS/ 7 DAYS EACH)	14
S.N. 072-0165 (2 SIGNS/ 7 DAYS EACH)	14
S.N. 072-0166 (2 SIGNS/ 7 DAYS EACH)	14
TOTAL	42

70106700 TEMPORARY RUMBLE STRIPS	
LOCATION	EACH
S.N. 072-0164	6
S.N. 072-0165	6
S.N. 072-0166 (EASTBOUND)	3
TOTAL	15

MODEL Schedule of Quantities
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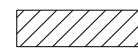
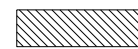
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 2	OF 2	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1)BR-2]BDR,BJR	PEORIA	39	8
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

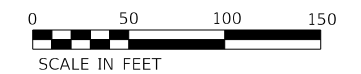
LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PARTIAL DEPTH PATCHING (SPECIAL)

SN 072-0165



NOTE:
PARTIAL DEPTH PATCHING (SPECIAL) DEPTH IS 2.5".



MODEL - Existing and Removal Sheets
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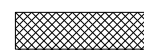
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

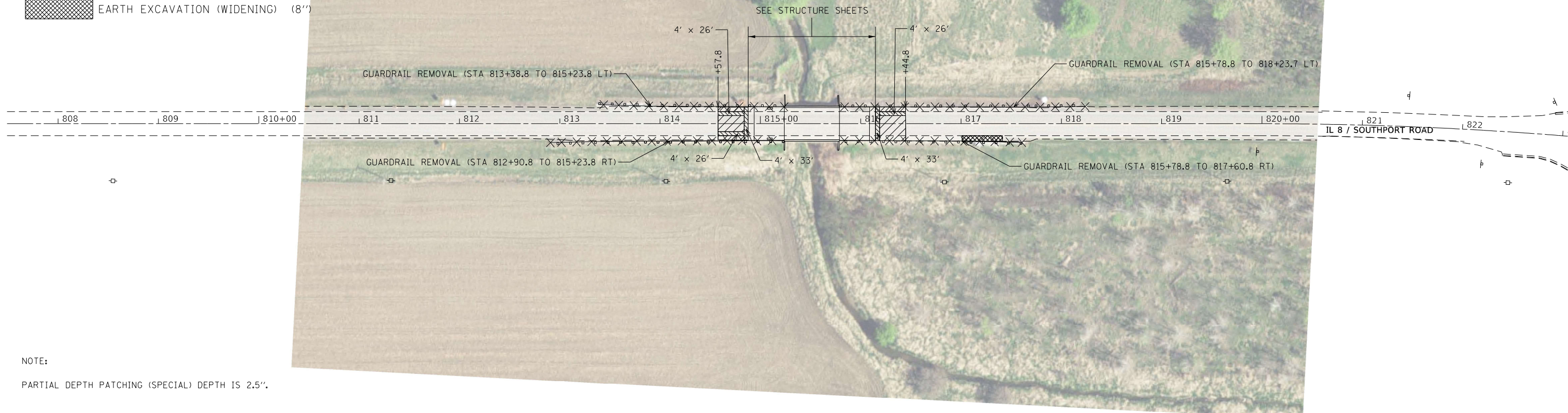
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S.N. 072-0165			
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F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	((Z-1D)BR-2)BDR,BJR	PEORIA	39	9
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PARTIAL DEPTH PATCHING (SPECIAL)
-  EARTH EXCAVATION (WIDENING) (8'')

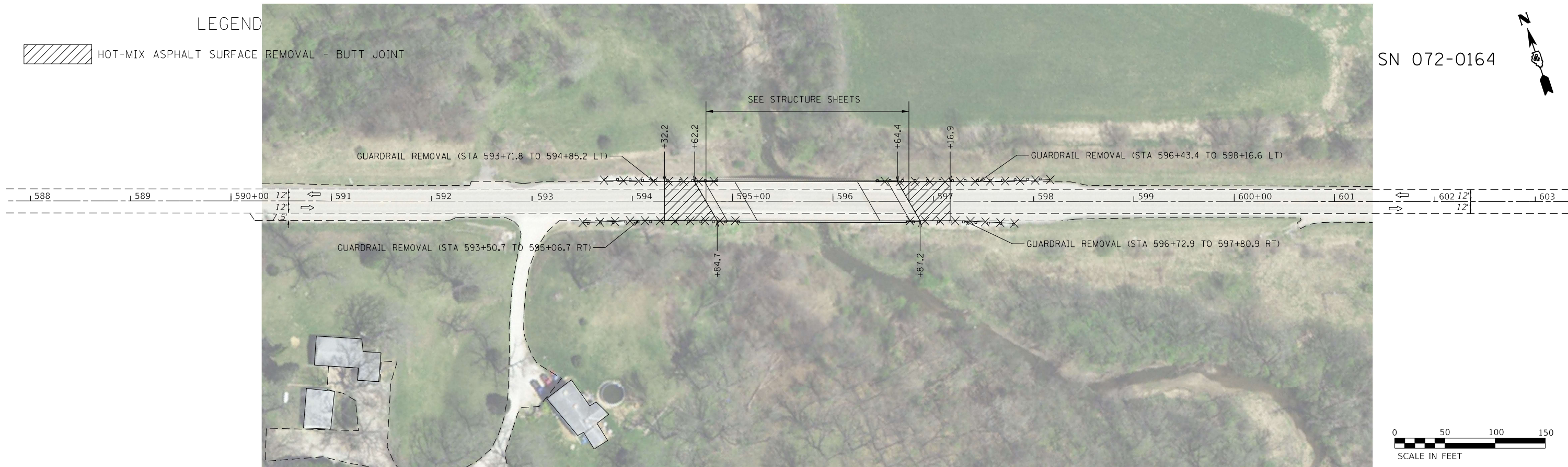
SN 072-0166



LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SN 072-0164



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	DRAWN -	REVISED -
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PLOT DATE = 8/30/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND REMOVAL
S.N. 072-0164 & S.N. 072-0166**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. TO STA.

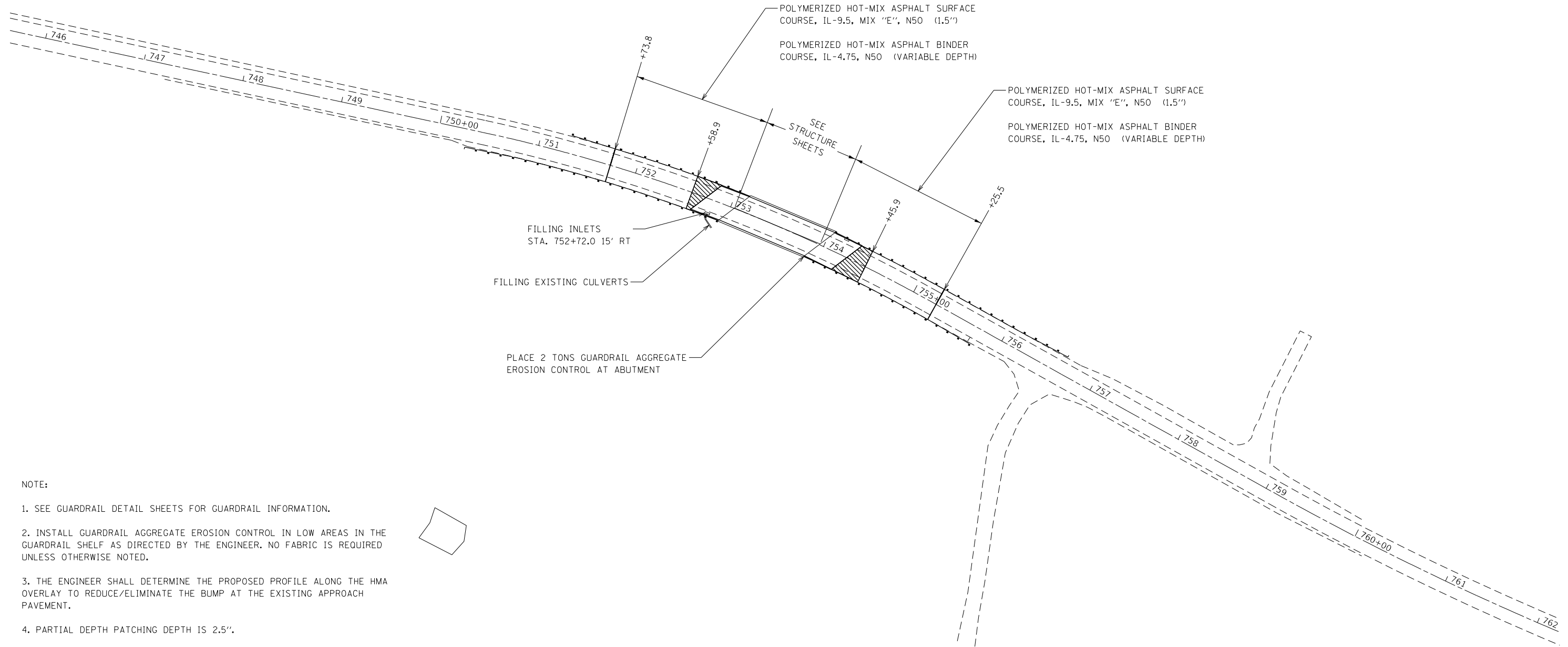
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CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



SN 072-0165

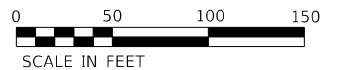
LEGEND:

 PARTIAL DEPTH PATCHING



NOTE:

1. SEE GUARDRAIL DETAIL SHEETS FOR GUARDRAIL INFORMATION.
2. INSTALL GUARDRAIL AGGREGATE EROSION CONTROL IN LOW AREAS IN THE GUARDRAIL SHELF AS DIRECTED BY THE ENGINEER. NO FABRIC IS REQUIRED UNLESS OTHERWISE NOTED.
3. THE ENGINEER SHALL DETERMINE THE PROPOSED PROFILE ALONG THE HMA OVERLAY TO REDUCE/ELIMINATE THE BUMP AT THE EXISTING APPROACH PAVEMENT.
4. PARTIAL DEPTH PATCHING DEPTH IS 2.5".
5. EXISTING INLET = 22" X 18" X 24"
EXISTING CULVERT = 12" CMP, 32' LONG
6. FILLING INLETS SHALL INCLUDE REMOVING THE TOP 8" AND CAPPING WITH 8" OF CONCRETE. FILL INLET AND CULVERT WITH CONTROLLED LOW-STRENGTH MATERIAL.



MODEL: Proposed Plan - Sheets
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	DRAWN -	REVISED -
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PLOT DATE = 8/30/2021	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
S.N. 072-0165**

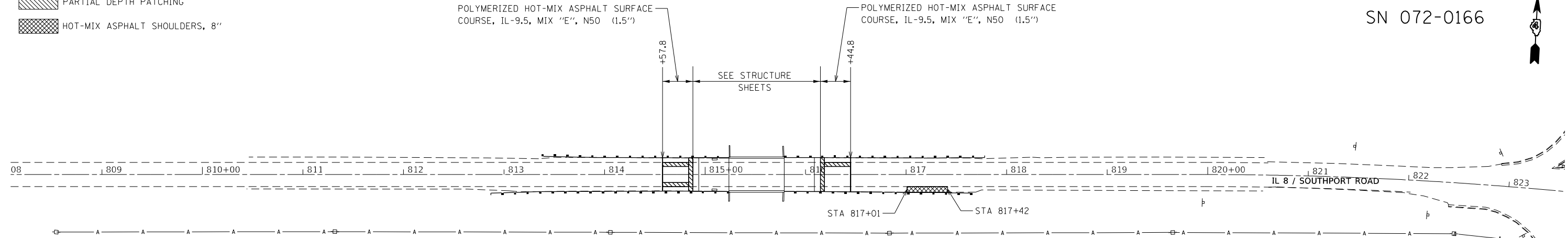
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	11
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

LEGEND:

-  PARTIAL DEPTH PATCHING
-  HOT-MIX ASPHALT SHOULDERS, 8"



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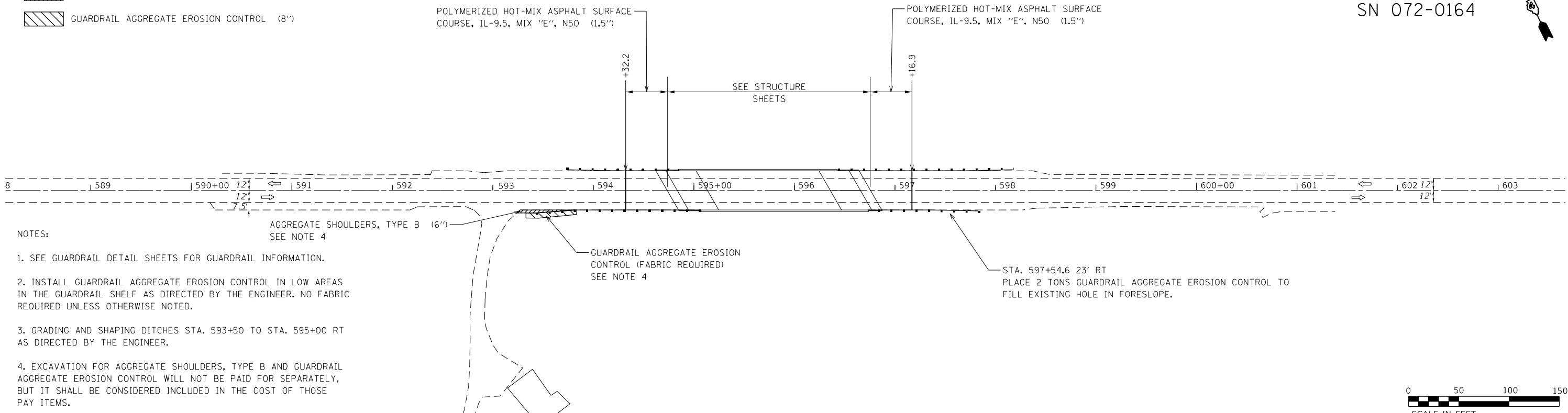
NOTES:

1. SEE GUARDRAIL DETAIL SHEETS FOR GUARDRAIL INFORMATION.
2. PARTIAL DEPTH PATCHING DEPTH IS 2.5".
3. INSTALL GUARDRAIL AGGREGATE EROSION CONTROL IN LOW AREAS IN THE GUARDRAIL SHELF AS DIRECTED BY THE ENGINEER. NO FABRIC REQUIRED UNLESS OTHERWISE NOTED.

LEGEND:

-  AGGREGATE SHOULDERS, TYPE B (6")
-  GUARDRAIL AGGREGATE EROSION CONTROL (8")

SN 072-0164



NOTES:

1. SEE GUARDRAIL DETAIL SHEETS FOR GUARDRAIL INFORMATION.
2. INSTALL GUARDRAIL AGGREGATE EROSION CONTROL IN LOW AREAS IN THE GUARDRAIL SHELF AS DIRECTED BY THE ENGINEER. NO FABRIC REQUIRED UNLESS OTHERWISE NOTED.
3. GRADING AND SHAPING DITCHES STA. 593+50 TO STA. 595+00 RT AS DIRECTED BY THE ENGINEER.
4. EXCAVATION FOR AGGREGATE SHOULDERS, TYPE B AND GUARDRAIL AGGREGATE EROSION CONTROL WILL NOT BE PAID FOR SEPARATELY, BUT IT SHALL BE CONSIDERED INCLUDED IN THE COST OF THOSE PAY ITEMS.



MODEL: Proposed Plan Sheets
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	DATE -	REVISED -

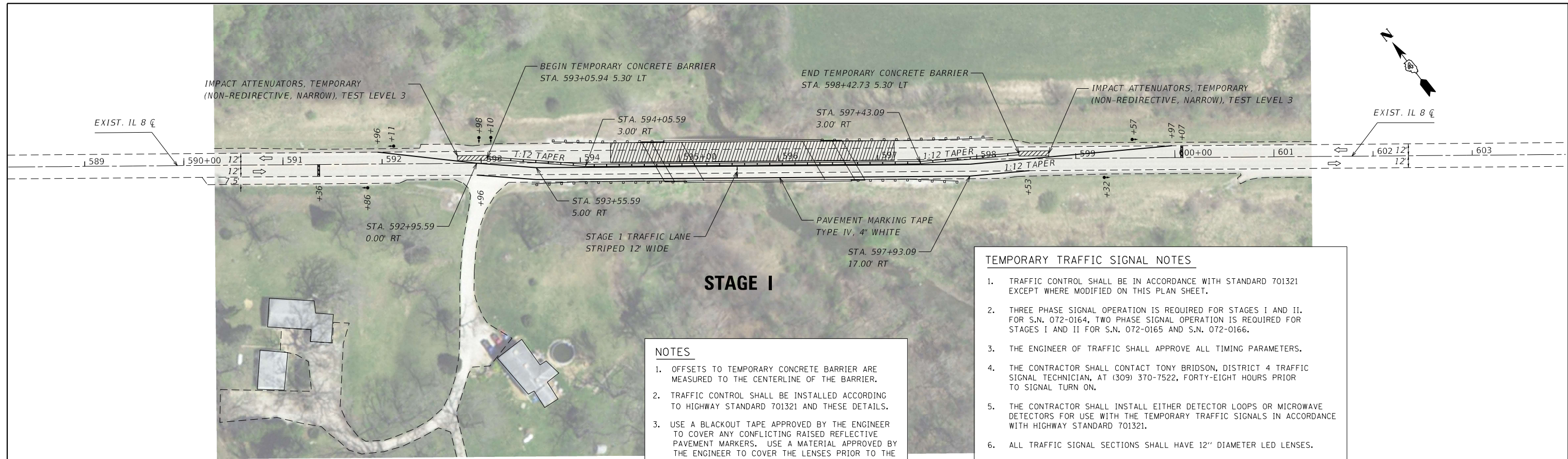
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
S.N. 072-0164 & S.N. 072-0166**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	((Z-1D)BR-2)BDR,BJR	PEORIA	39	12
CONTRACT NO. 68F74				
		ILLINOIS	FED. AID PROJECT	

MODEL: Staging Details
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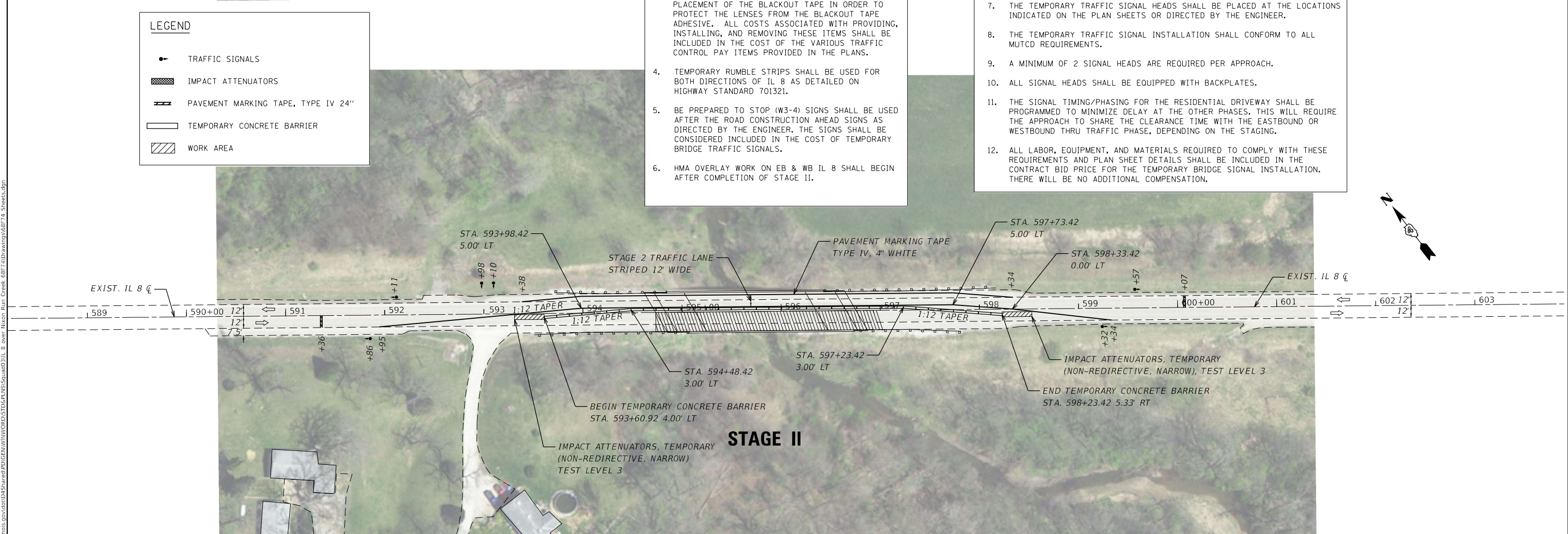
STAGE I

- NOTES**
- OFFSETS TO TEMPORARY CONCRETE BARRIER ARE MEASURED TO THE CENTERLINE OF THE BARRIER.
 - TRAFFIC CONTROL SHALL BE INSTALLED ACCORDING TO HIGHWAY STANDARD 701321 AND THESE DETAILS.
 - USE A BLACKOUT TAPE APPROVED BY THE ENGINEER TO COVER ANY CONFLICTING RAISED REFLECTIVE PAVEMENT MARKERS. USE A MATERIAL APPROVED BY THE ENGINEER TO COVER THE LENSES PRIOR TO THE PLACEMENT OF THE BLACKOUT TAPE IN ORDER TO PROTECT THE LENSES FROM THE BLACKOUT TAPE ADHESIVE. ALL COSTS ASSOCIATED WITH PROVIDING, INSTALLING, AND REMOVING THESE ITEMS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL PAY ITEMS PROVIDED IN THE PLANS.
 - TEMPORARY RUMBLE STRIPS SHALL BE USED FOR BOTH DIRECTIONS OF IL 8 AS DETAILED ON HIGHWAY STANDARD 701321.
 - BE PREPARED TO STOP (W3-4) SIGNS SHALL BE USED AFTER THE ROAD CONSTRUCTION AHEAD SIGNS AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY BRIDGE TRAFFIC SIGNALS.
 - HMA OVERLAY WORK ON EB & WB IL 8 SHALL BEGIN AFTER COMPLETION OF STAGE II.

- TEMPORARY TRAFFIC SIGNAL NOTES**
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701321 EXCEPT WHERE MODIFIED ON THIS PLAN SHEET.
 - THREE PHASE SIGNAL OPERATION IS REQUIRED FOR STAGES I AND II. FOR S.N. 072-0164, TWO PHASE SIGNAL OPERATION IS REQUIRED FOR STAGES I AND II FOR S.N. 072-0165 AND S.N. 072-0166.
 - THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS.
 - THE CONTRACTOR SHALL CONTACT TONY BRIDSON, DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN, AT (309) 370-7522, FORTY-EIGHT HOURS PRIOR TO SIGNAL TURN ON.
 - THE CONTRACTOR SHALL INSTALL EITHER DETECTOR LOOPS OR MICROWAVE DETECTORS FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
 - ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LED LENSES.
 - THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AT THE LOCATIONS INDICATED ON THE PLAN SHEETS OR DIRECTED BY THE ENGINEER.
 - THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL MUTCD REQUIREMENTS.
 - A MINIMUM OF 2 SIGNAL HEADS ARE REQUIRED PER APPROACH.
 - ALL SIGNAL HEADS SHALL BE EQUIPPED WITH BACKPLATES.
 - THE SIGNAL TIMING/PHASING FOR THE RESIDENTIAL DRIVEWAY SHALL BE PROGRAMMED TO MINIMIZE DELAY AT THE OTHER PHASES. THIS WILL REQUIRE THE APPROACH TO SHARE THE CLEARANCE TIME WITH THE EASTBOUND OR WESTBOUND THRU TRAFFIC PHASE, DEPENDING ON THE STAGING.
 - ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS AND PLAN SHEET DETAILS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE TEMPORARY BRIDGE SIGNAL INSTALLATION. THERE WILL BE NO ADDITIONAL COMPENSATION.

LEGEND

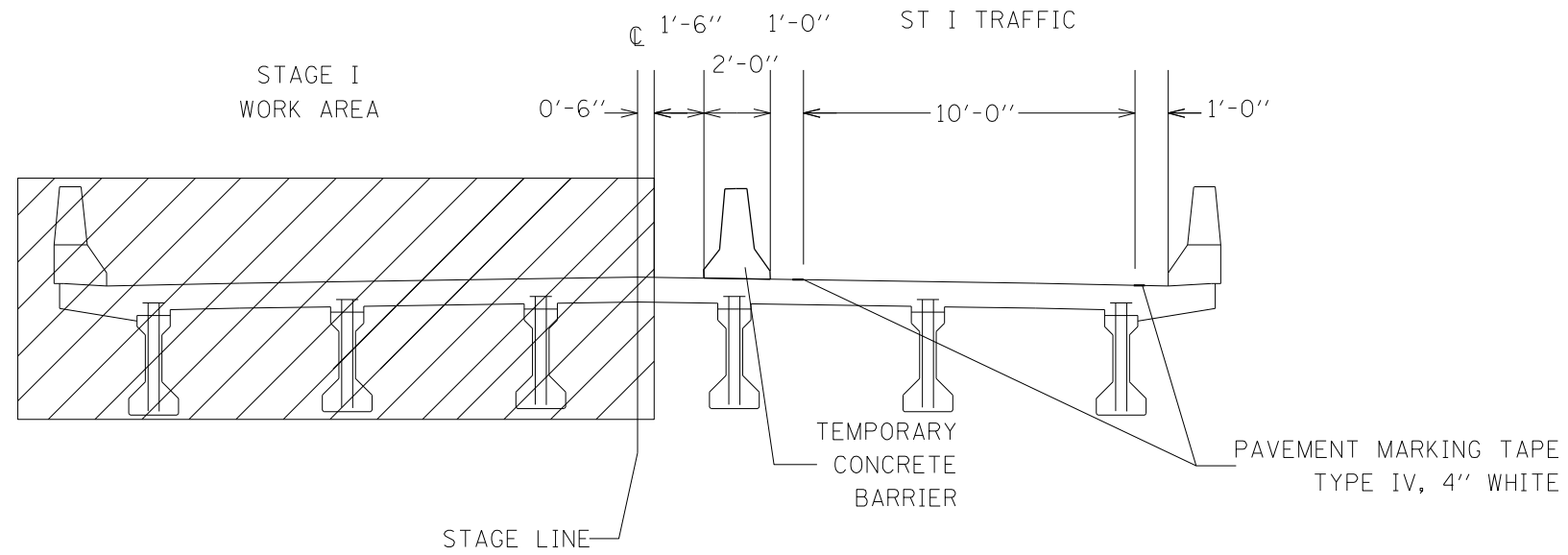
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- IMPACT ATTENUATORS
- PAVEMENT MARKING TAPE, TYPE IV 24"
- TEMPORARY CONCRETE BARRIER
- WORK AREA



STAGE II

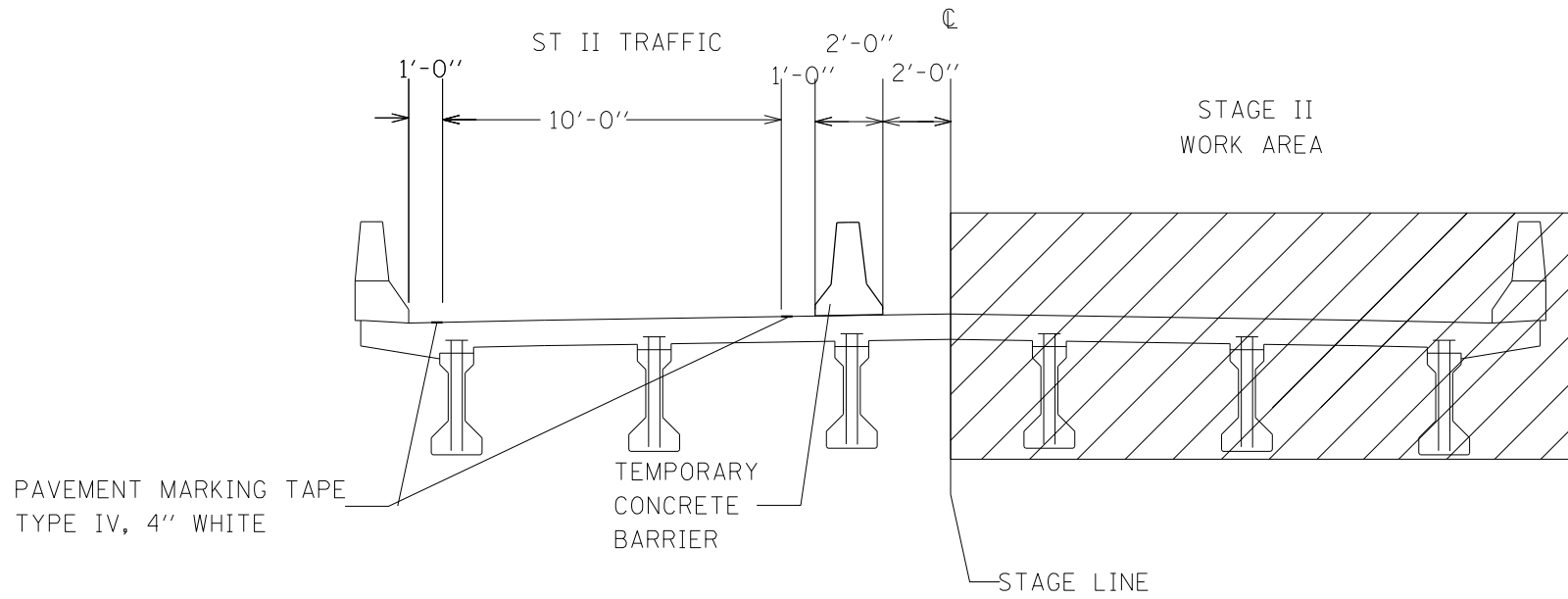
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PLOT DATE = 8/30/2021	CHECKED -	REVISED -									CONTRACT NO. 68F74	
	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

S.N. 072-0166



STAGING TYPICAL SECTION

STAGE I
(Looking East)



STAGING TYPICAL SECTION

STAGE II
(Looking East)

MODEL: Typical Section
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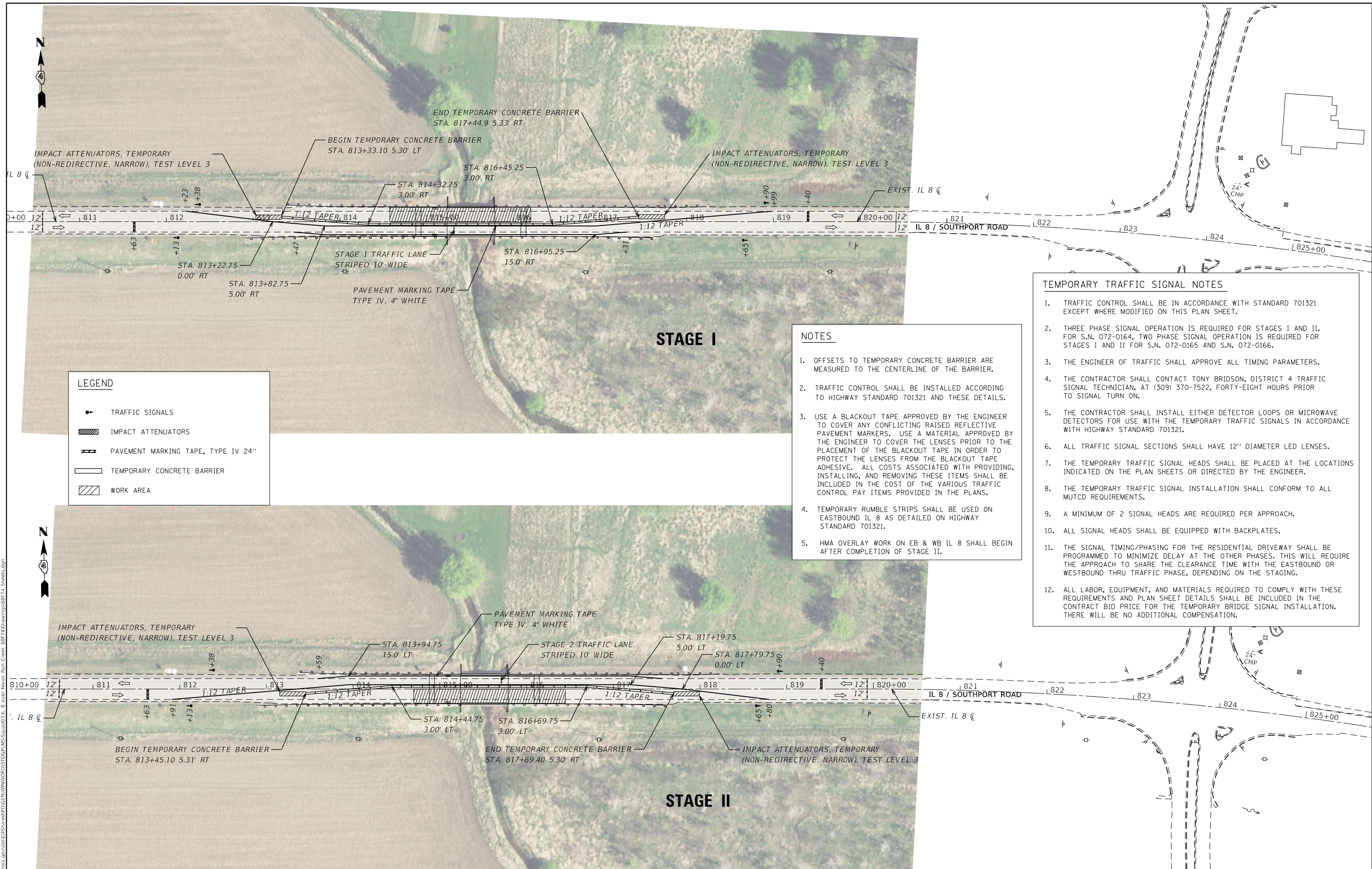
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PLOT DATE = 8/30/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAIL
S.N. 072-0166

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	17
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



LEGEND

- TRAFFIC SIGNALS
- IMPACT ATTENUATORS
- PAVEMENT MARKING TAPE, TYPE IV 24"
- TEMPORARY CONCRETE BARRIER
- WORK AREA

- NOTES**
1. OFFSETS TO TEMPORARY CONCRETE BARRIER ARE MEASURED TO THE CENTERLINE OF THE BARRIER.
 2. TRAFFIC CONTROL SHALL BE INSTALLED ACCORDING TO HIGHWAY STANDARD 701321 AND THESE DETAILS.
 3. USE A BLACKOUT TAPE APPROVED BY THE ENGINEER TO COVER ANY CONFLICTING RAISED REFLECTIVE PAVEMENT MARKERS. USE A MATERIAL APPROVED BY THE ENGINEER TO COVER THE LENSES PRIOR TO THE PLACEMENT OF THE BLACKOUT TAPE IN ORDER TO PROTECT THE LENSES FROM THE BLACKOUT TAPE ADHESIVE. ALL COSTS ASSOCIATED WITH PROVIDING, INSTALLING, AND REMOVING THESE ITEMS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL PAY ITEMS PROVIDED IN THE PLANS.
 4. TEMPORARY RUMBLE STRIPS SHALL BE USED ON EASTBOUND IL 8 AS DETAILED ON HIGHWAY STANDARD 701321.
 5. HMA OVERLAY WORK ON EB & WB IL 8 SHALL BEGIN AFTER COMPLETION OF STAGE II.

- TEMPORARY TRAFFIC SIGNAL NOTES**
1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701321 EXCEPT WHERE MODIFIED ON THIS PLAN SHEET.
 2. THREE PHASE SIGNAL OPERATION IS REQUIRED FOR STAGES I AND II. FOR S.N. 072-0164, TWO PHASE SIGNAL OPERATION IS REQUIRED FOR STAGES I AND II FOR S.N. 072-0165 AND S.N. 072-0166.
 3. THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS.
 4. THE CONTRACTOR SHALL CONTACT TONY BRIDSON, DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN, AT (309) 370-7522, FORTY-EIGHT HOURS PRIOR TO SIGNAL TURN ON.
 5. THE CONTRACTOR SHALL INSTALL EITHER DETECTOR LOOPS OR MICROWAVE DETECTORS FOR USE WITH THE TEMPORARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
 6. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LED LENSES.
 7. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AT THE LOCATIONS INDICATED ON THE PLAN SHEETS OR DIRECTED BY THE ENGINEER.
 8. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL MUTCD REQUIREMENTS.
 9. A MINIMUM OF 2 SIGNAL HEADS ARE REQUIRED PER APPROACH.
 10. ALL SIGNAL HEADS SHALL BE EQUIPPED WITH BACKPLATES.
 11. THE SIGNAL TIMING/PHASING FOR THE RESIDENTIAL DRIVEWAY SHALL BE PROGRAMMED TO MINIMIZE DELAY AT THE OTHER PHASES. THIS WILL REQUIRE THE APPROACH TO SHARE THE CLEARANCE TIME WITH THE EASTBOUND OR WESTBOUND THRU TRAFFIC PHASE, DEPENDING ON THE STAGING.
 12. ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS AND PLAN SHEET DETAILS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE TEMPORARY BRIDGE SIGNAL INSTALLATION. THERE WILL BE NO ADDITIONAL COMPENSATION.

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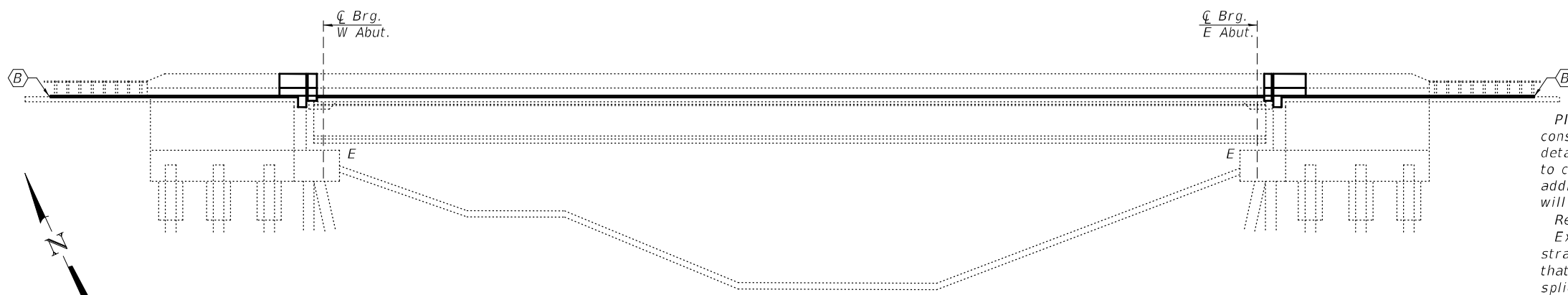
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PLOT DATE = 8/30/2021	DATE -	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGING DETAILS
S.N. 072-0166

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	((Z-1D)BR-2)BDR,BJR	PEORIA	39	18
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



ELEVATION

GENERAL NOTES

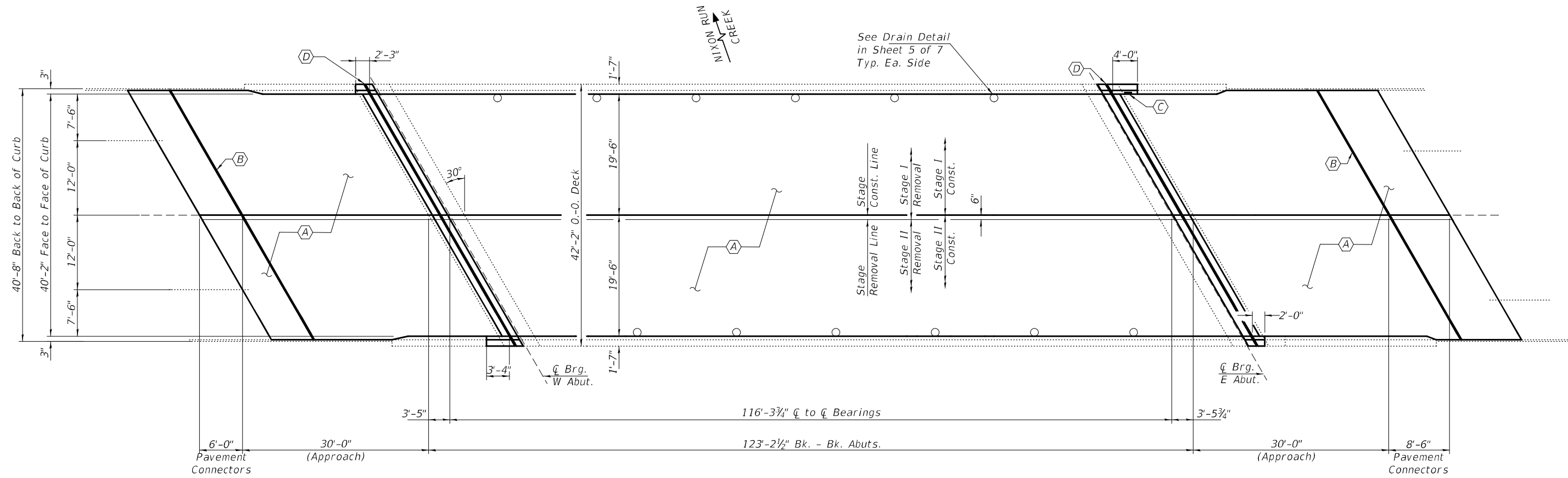
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall 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.

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.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	8.8
Concrete Superstructure	Cu. Yd.	8.8
Preformed Joint Strip Seal	Foot	94
Reinforcement Bars, Epoxy Coated	Pound	1330
Bar Splicers	Each	12
Bridge Deck Grooving	Sq. Yd.	813
Bridge Deck Scarification, 3/4"	Sq. Yd.	857
Cleaning & Painting Exposed Rebar	Sq. Ft.	50
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	857
Protective Coat	Sq. Yd.	857
Preformed Joint Seal 2 1/2"	Foot	94

- (A) - Bridge Deck Scarification 3/4" and 2 1/4" Microsilica Concrete Overlay
- (B) - Replace PJS in Approach.
- (C) - Name plate and Bench mark need to be salvaged and reincorporated in the New Concrete Parapet
- (D) - Remove and replace expansion joint with Preformed Joint Strip Seal.



EXPIRES 11-30-2022

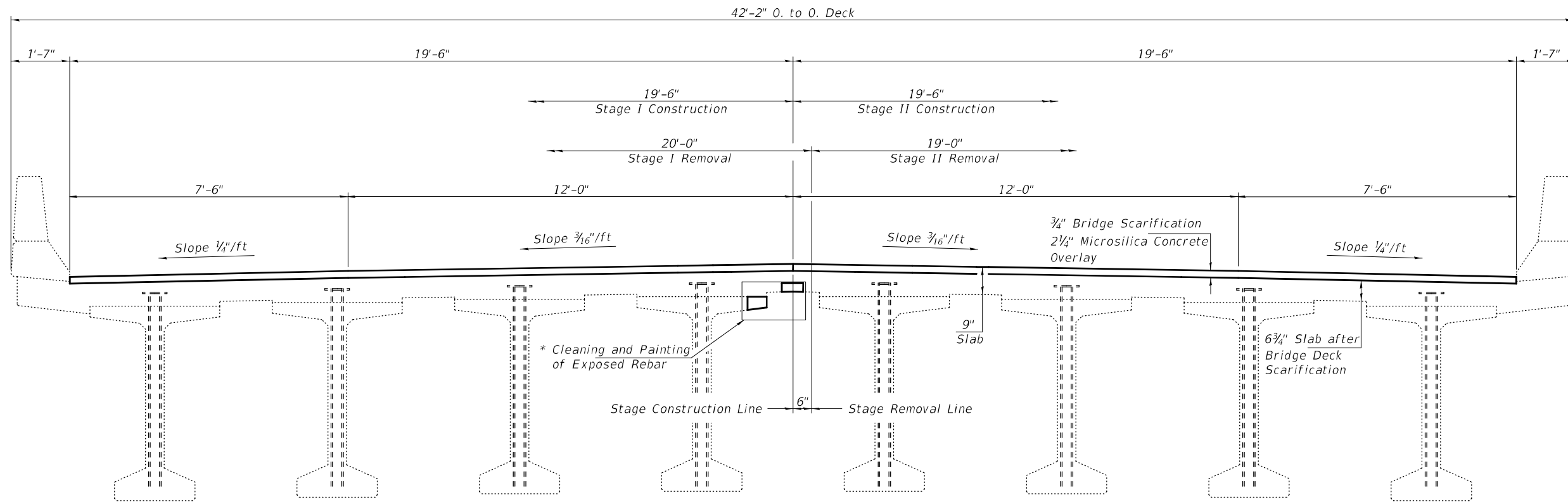
DESIGNED - Victor H. Veliz	EXAMINED - <i>Tony A. Beck</i>	DATE - OCTOBER 01, 2021
CHECKED - Chi-Cheung Chau	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - Venkat Ramana Reddy V	PASSED - <i>Dr. Carl Puzy</i>	REVISED -
CHECKED - VHV CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION
IL ROUTE 8 OVER NIXON RUN CREEK
SN 072-0164**

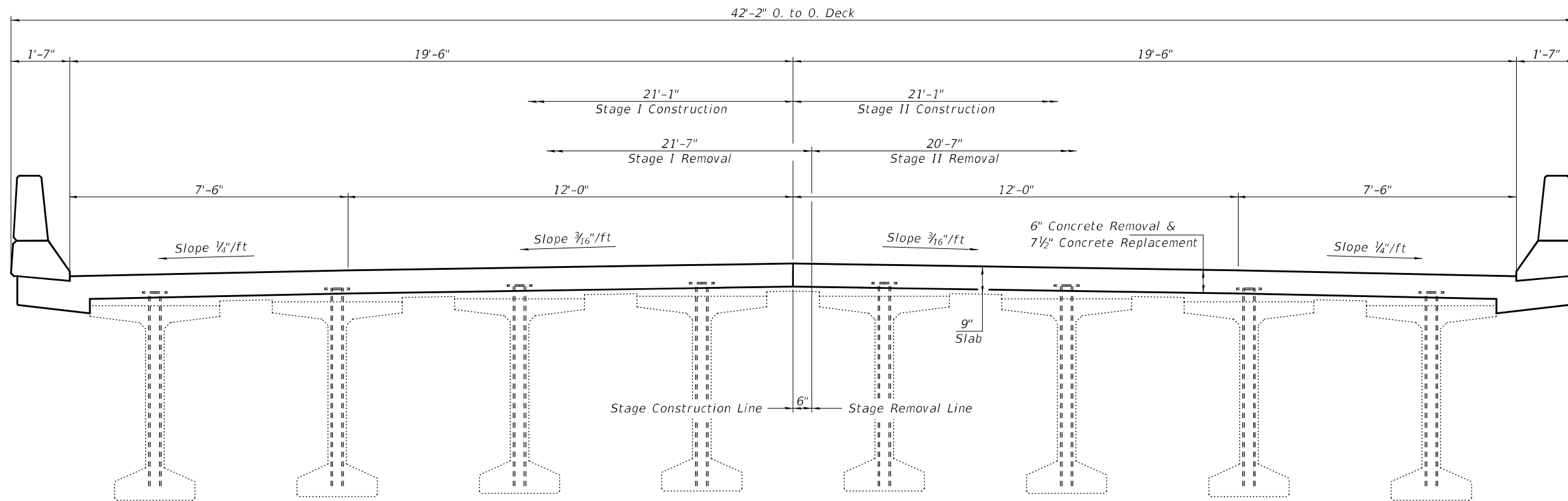
SHEET NO. 1 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	19
CONTRACT NO. 68F74				
ILLINOIS		FED. AID PROJECT		



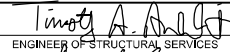

CROSS SECTION AT MID SECTION
(Looking East)

* Cleaning and Painting should be done at top flange edge of the beam (25 Sq. Ft.) and at multiple places (25 Sq. Ft.) in soffit along the Stage Construction Line.



CROSS SECTION AT ABUTMENTS
(Looking East)

DESIGNED - VHV
CHECKED - CCC
DRAWN - Venkat Ramana Reddy V
CHECKED - VHV CCC

EXAMINED
PASSED


 ENGINEER OF STRUCTURAL SERVICES
 ENGINEER OF BRIDGES AND STRUCTURES

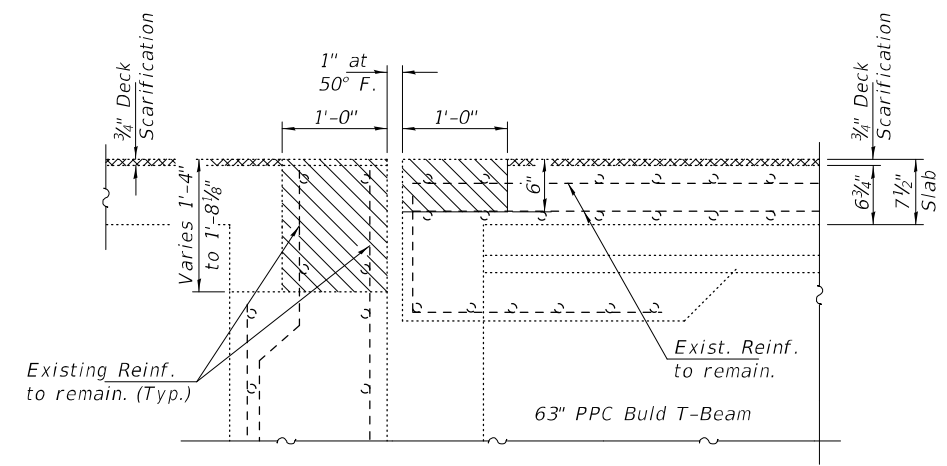
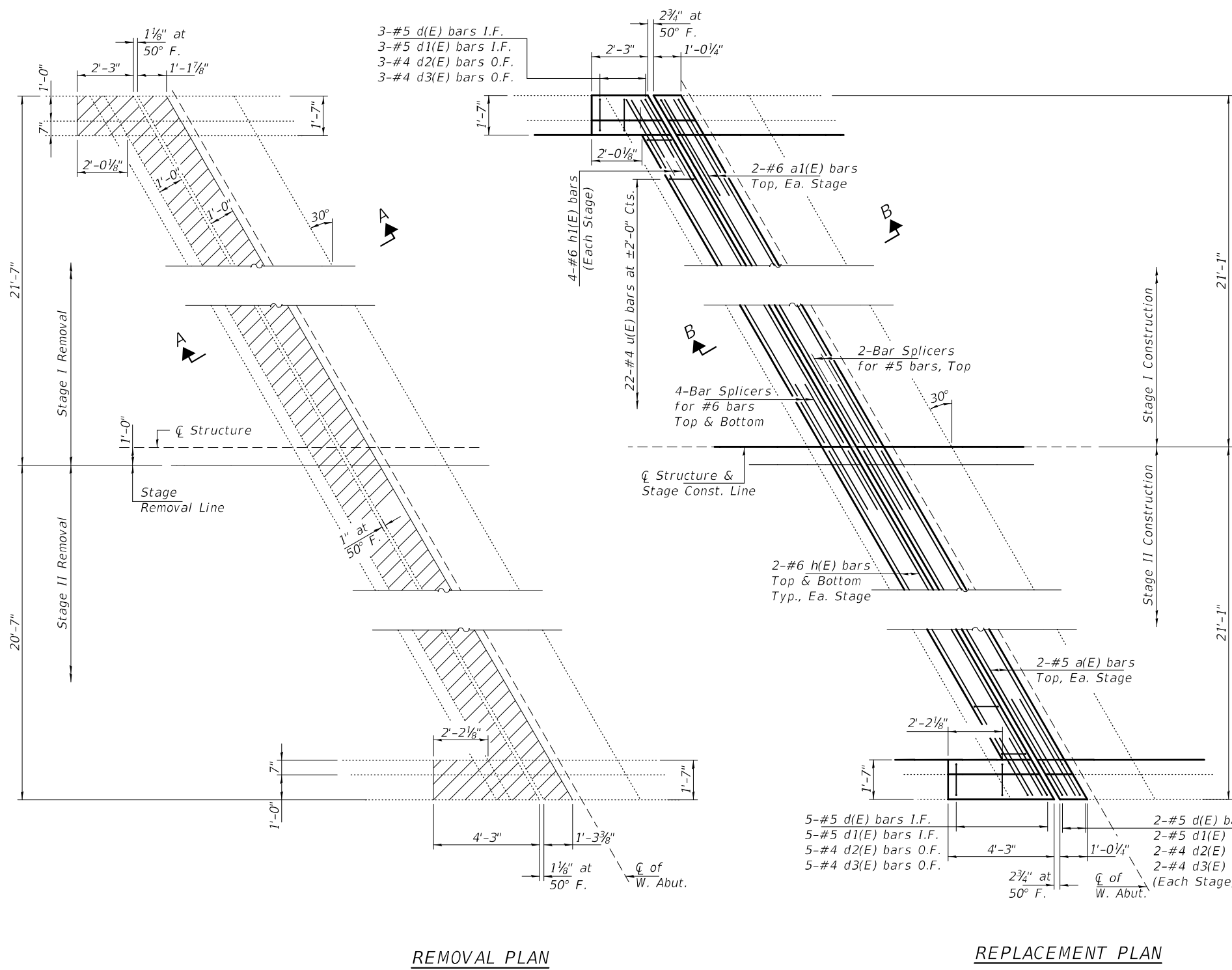
DATE - OCTOBER 01, 2021
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS & STAGING DETAILS
SN 072 - 0164

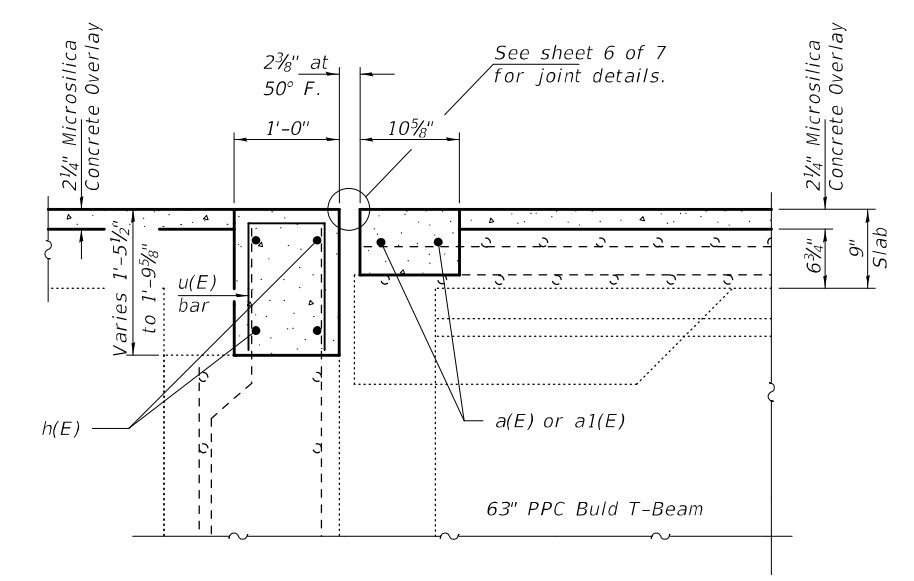
SHEET NO. 2 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68F74				
ILLINOIS		FED. AID PROJECT		



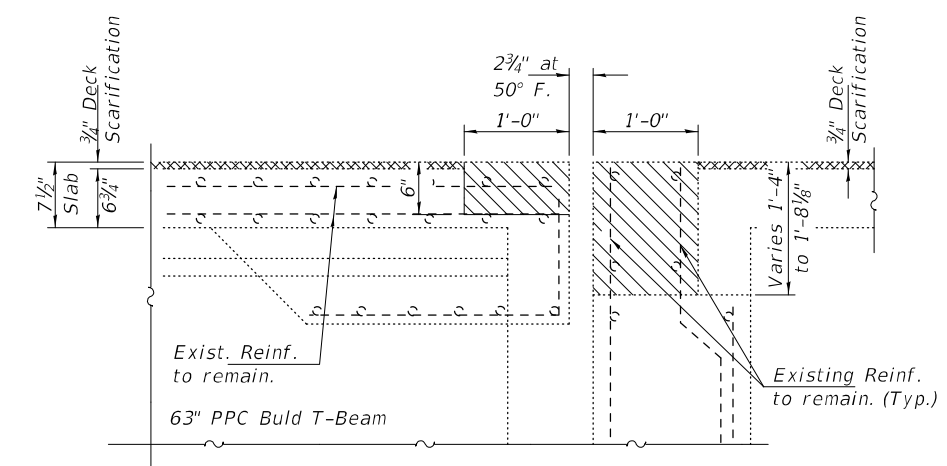
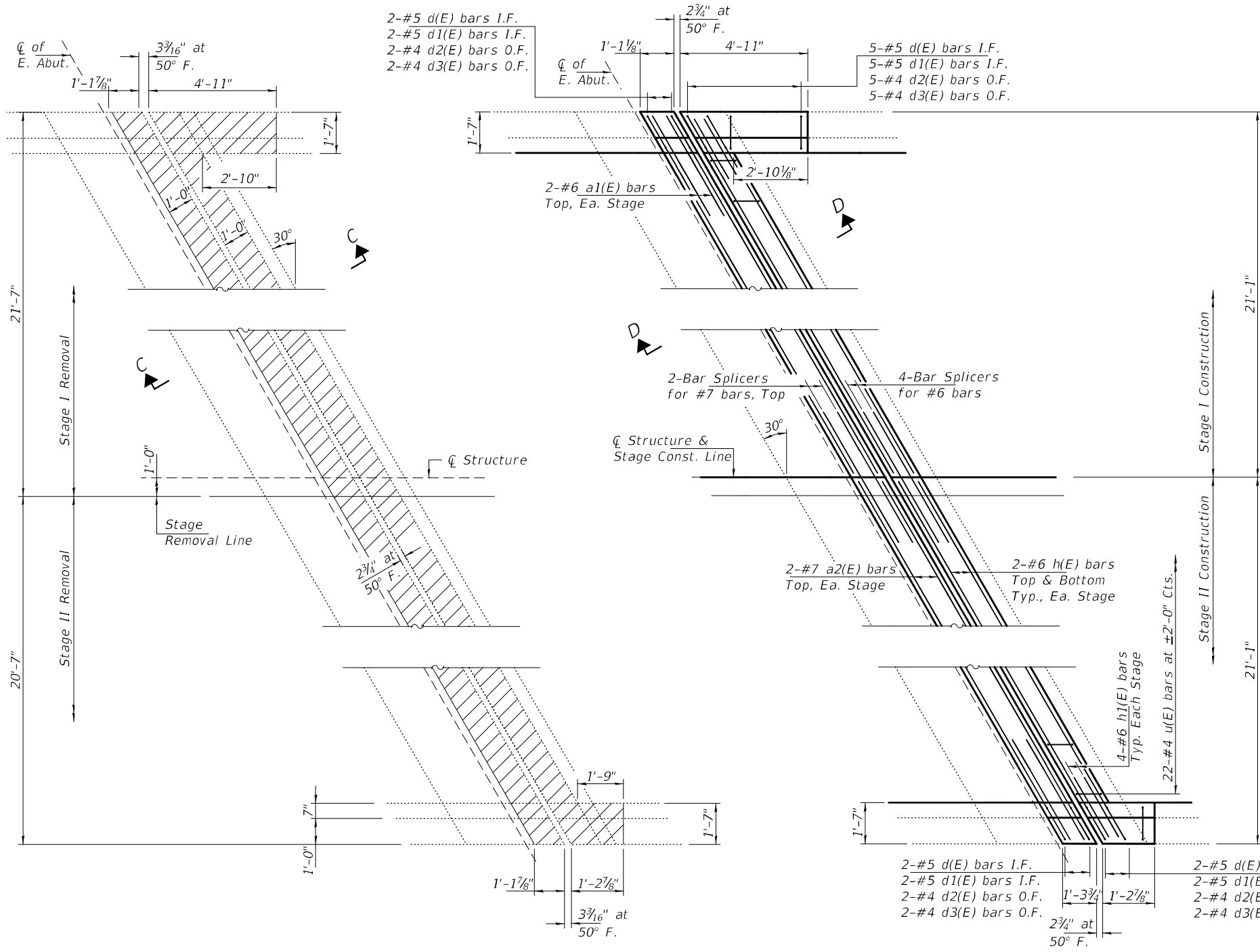
3/4" Deck Scarification

Concrete Removal

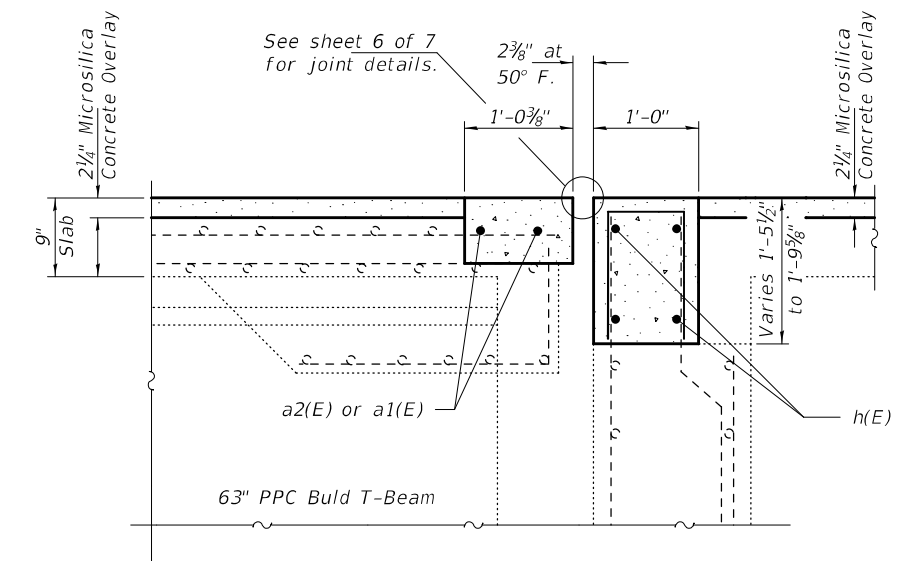


Note:
See sheet 5 of 7 for Reinforcement and Parapet details.

DESIGNED - VHV	EXAMINED - <i>Timothy A. ...</i>	DATE - OCTOBER 01, 2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT REMOVAL & REPLACEMENT DETAILS - WEST ABUTMENT SN 072-0164	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED - CCC	PASSED - <i>Carl ...</i>	REVISED -			1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	21	
DRAWN - Venkat Ramana Reddy V		REVISED -			CONTRACT NO. 68F74					
CHECKED - VHV CCC					ILLINOIS FED. AID PROJECT					

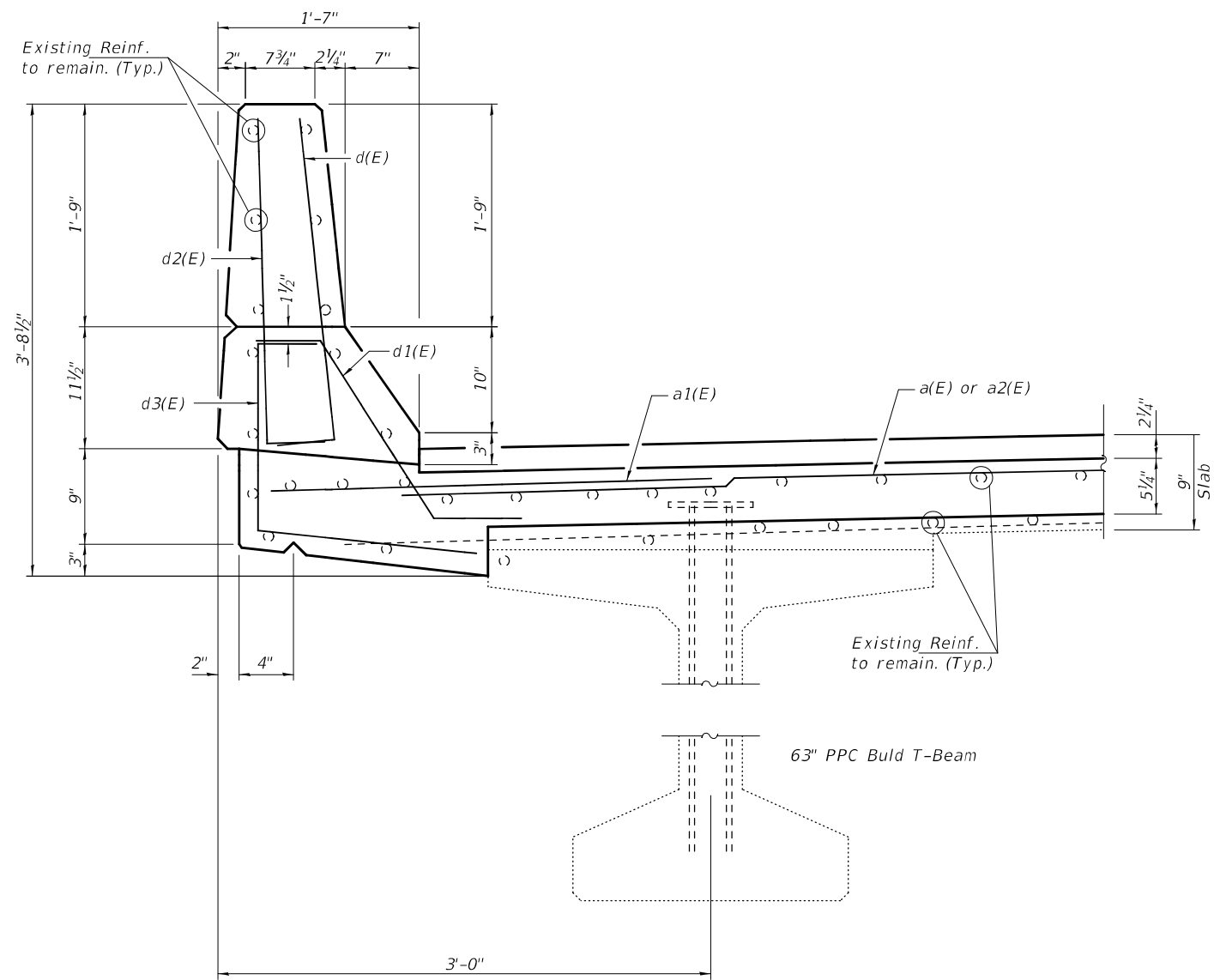


3/4" Deck Scarification
Concrete Removal

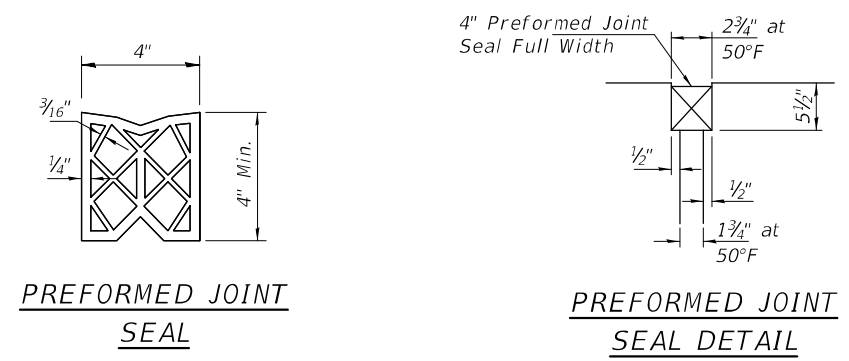


Note:
See sheet 5 of 7 for Reinforcement and Parapet details.

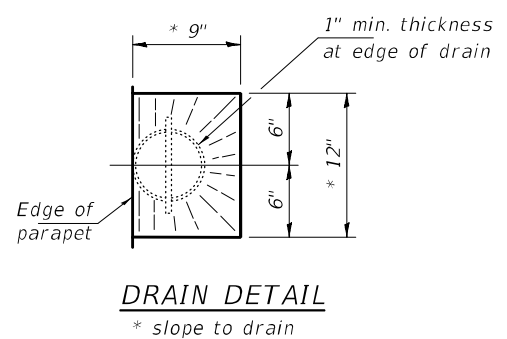
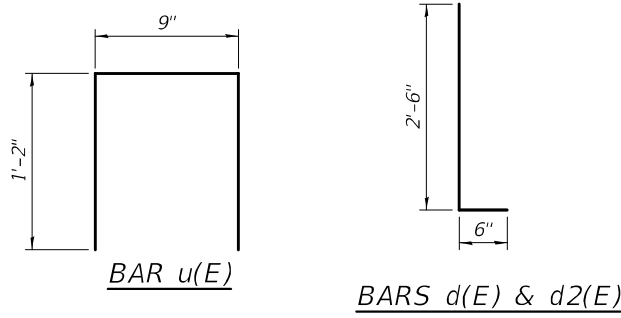
DESIGNED - VHV	EXAMINED - <i>Timothy A. ...</i>	DATE - OCTOBER 01, 2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT REMOVAL & REPLACEMENT DETAILS - EAST ABUTMENT SN 072-0164	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - CCC	PASSED - <i>Carl ...</i>	REVISED -			1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	22
DRAWN - Venkat Ramana Reddy V		REVISED -	SHEET NO. 4 OF 7 SHEETS		CONTRACT NO. 68F74				
CHECKED - VHV CCC					ILLINOIS FED. AID PROJECT				



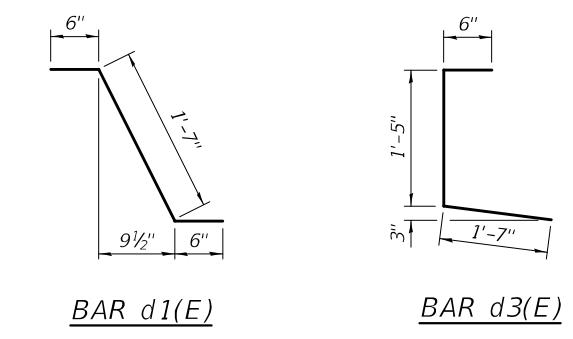
PARAPET SECTION AT ABUTMENTS



REPAIR 'B'



DRAIN DETAIL



BILL OF MATERIAL (2-ABUTMENTS)

Bar	No.	Size	Length	Shape
a(E)	4	#5	23'-11"	—
a1(E)	8	#6	4'-0"	—
a2(E)	4	#7	23'-11"	—
d(E)	23	#5	3'-0"	L
d1(E)	23	#5	2'-7"	L
d2(E)	23	#4	3'-0"	L
d3(E)	23	#4	3'-6"	L
h(E)	16	#6	23'-11"	—
h1(E)	16	#6	4'-0"	—
u(E)	44	#4	2'-11"	U
Concrete Removal			Cu. Yd.	8.8
Concrete Superstructure			Cu. Yd.	8.8
Protective Coat			Sq. Yd.	857
Bar Splicers			Each	12
Reinforcement Bars, Epoxy Coated			Pound	1330

DESIGNED - VHV
 CHECKED - CCC
 DRAWN - Venkat Ramana Reddy V
 CHECKED - VHV CCC

EXAMINED
 PASSED

DATE - OCTOBER 01, 2021

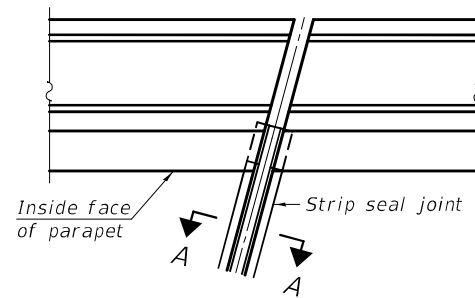
REVISER -
 REVISER -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

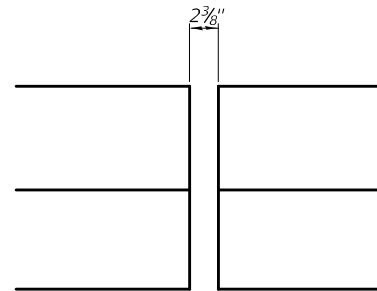
JOINT REMOVAL & REPLACEMENT DETAILS - WEST ABUTMENT
 SN 072-0164

SHEET NO. 5 OF 7 SHEETS

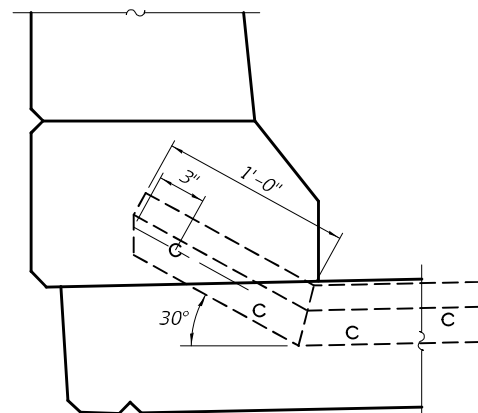
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	23
				CONTRACT NO. 68F74
		ILLINOIS	FED. AID PROJECT	



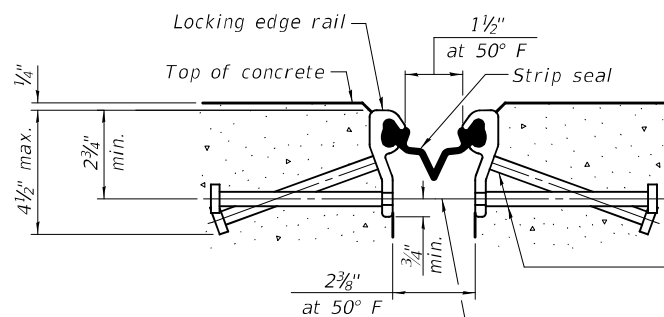
FOR SKEWS $\leq 30^\circ$
PLAN AT PARAPET



ELEVATION AT PARAPET



PARAPET ELEVATION AT ABUTMENTS
(Skews $\leq 30^\circ$)



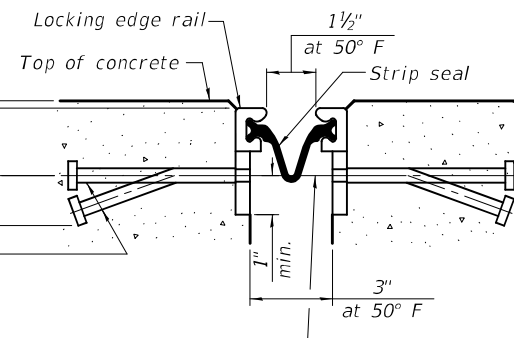
SHOWING ROLLED RAIL JOINT

* $\frac{3}{8}$ " ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

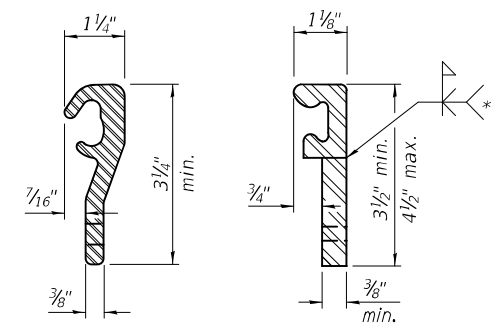
$\frac{3}{8}$ " ϕ threaded rods in $\frac{1}{16}$ " ϕ holes at ± 4 "-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



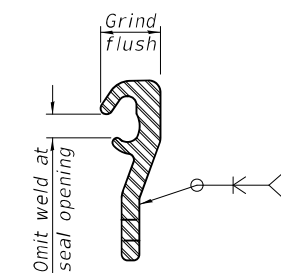
SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS
ROLLED (EXTRUDED) RAIL WELDED RAIL

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	94

EJ-SS1 LT30/REPS

2-25-20

DESIGNED - VHV	CHECKED - CCC
DRAWN - Venkat Ramana Reddy V	CHECKED - VHV CCC

EXAMINED	<i>Timothy A. Daulton</i> ENGINEER OF STRUCTURAL SERVICES
PASSED	<i>Carl R. Meyer</i> ENGINEER OF BRIDGES AND STRUCTURES

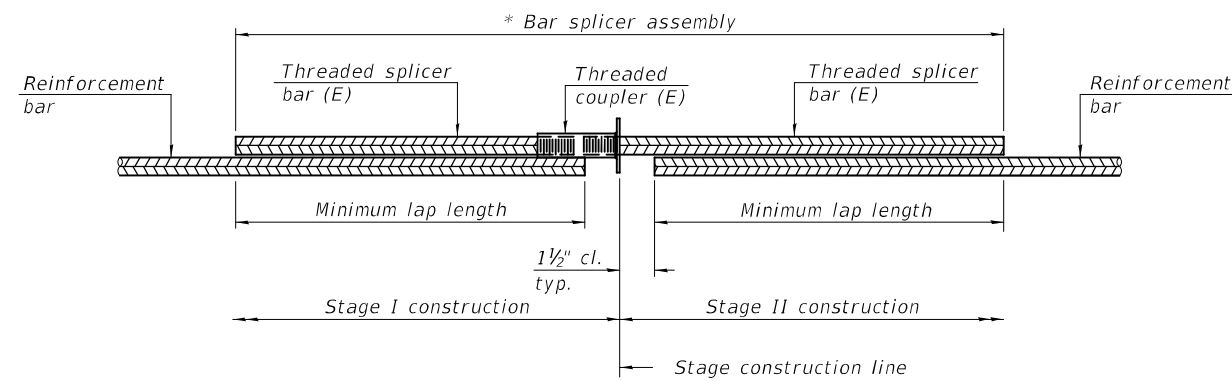
DATE - OCTOBER 01, 2021
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
SN 072-0164

SHEET NO. 6 OF 7 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR.BJR	PEORIA	39	24
CONTRACT NO. 68F74			ILLINOIS FED. AID PROJECT	

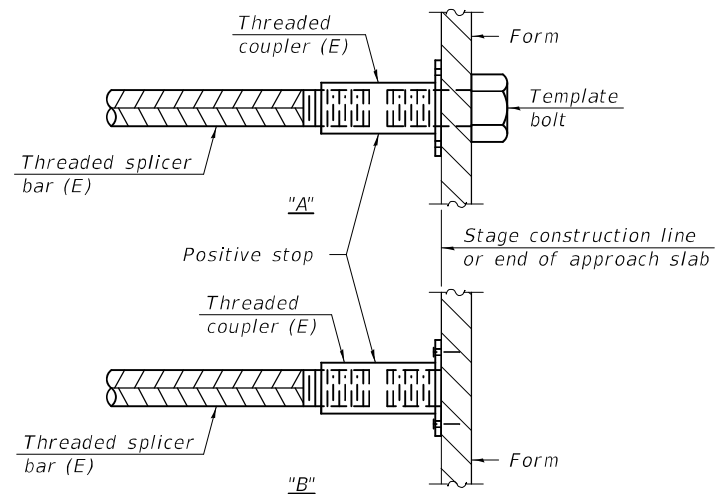


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

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
Deck (West Side)	#5	2	3'-6"
Deck (East Side)	#7	2	6'-3"
Abutment	#6	8	4'-0"

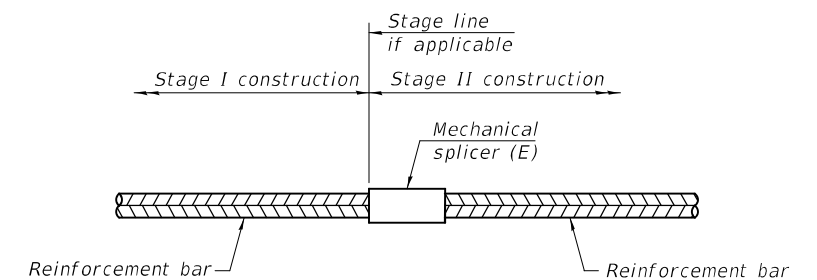


INSTALLATION AND SETTING METHODS

"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

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

1-1-2020

DESIGNED - VHV
 CHECKED - CCC
 DRAWN - Venkat Ramana Reddy V
 CHECKED - VHV CCC

EXAMINED
 PASSED

Timothy A. ...
 ENGINEER OF STRUCTURAL SERVICES
Carl ...
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - OCTOBER 01, 2021

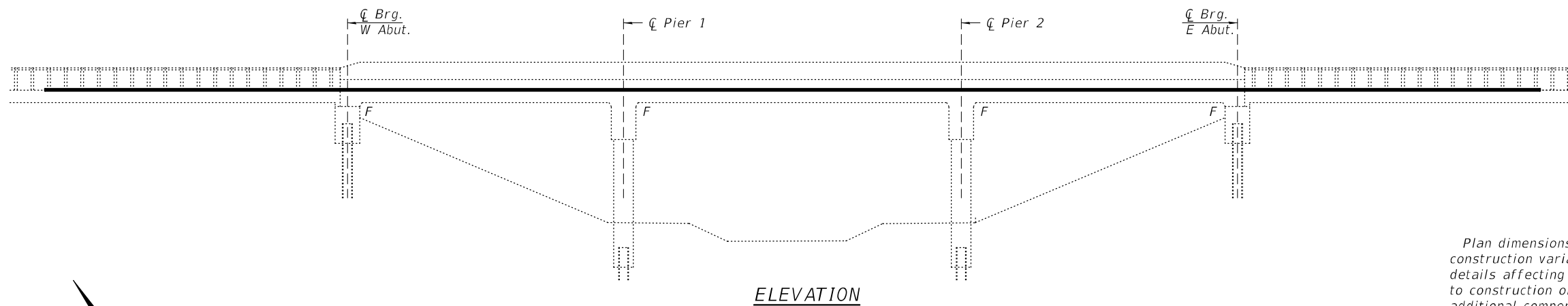
REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
SN 072 - 0164

SHEET NO. 7 OF 7 SHEETS

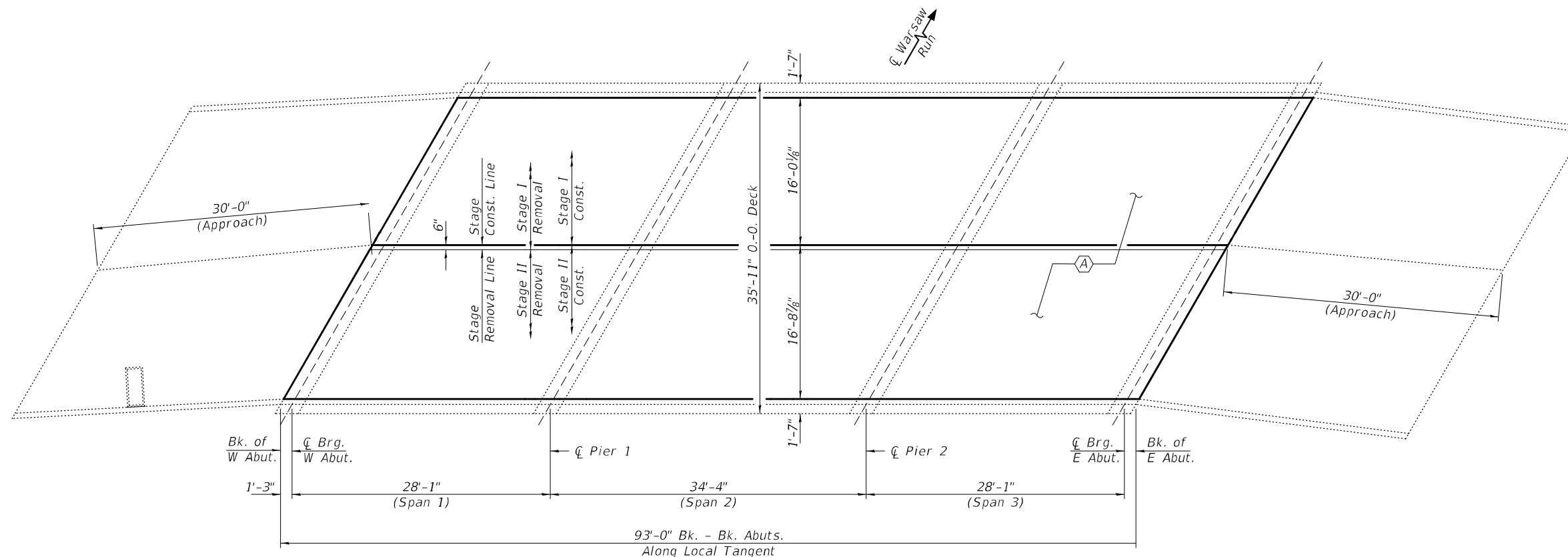
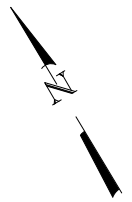
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	25
CONTRACT NO. 68F74				
ILLINOIS		FED. AID PROJECT		



ELEVATION

GENERAL NOTES

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.



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	338.4
Bridge Deck Scarification, 3/4"	Sq. Yd.	338.4
Bridge Deck Grooving	Sq. Yd.	317.8
Protective Coat	Sq. Yd.	338.4

(A) - Bridge Deck Scarification 3/4" and 2 1/4" Microsilica Concrete Overlay



EXPIRES 11-30-2022

DESIGNED - Victor H. Veliz
 CHECKED - Chi-Cheung Chau
 DRAWN - Venkat Ramana Reddy V
 CHECKED - VHV CCC

EXAMINED - *Ting A. Beck*
 ENGINEER OF STRUCTURAL SERVICES
 PASSED - *Sh. Carl Puze*
 ENGINEER OF BRIDGES AND STRUCTURES

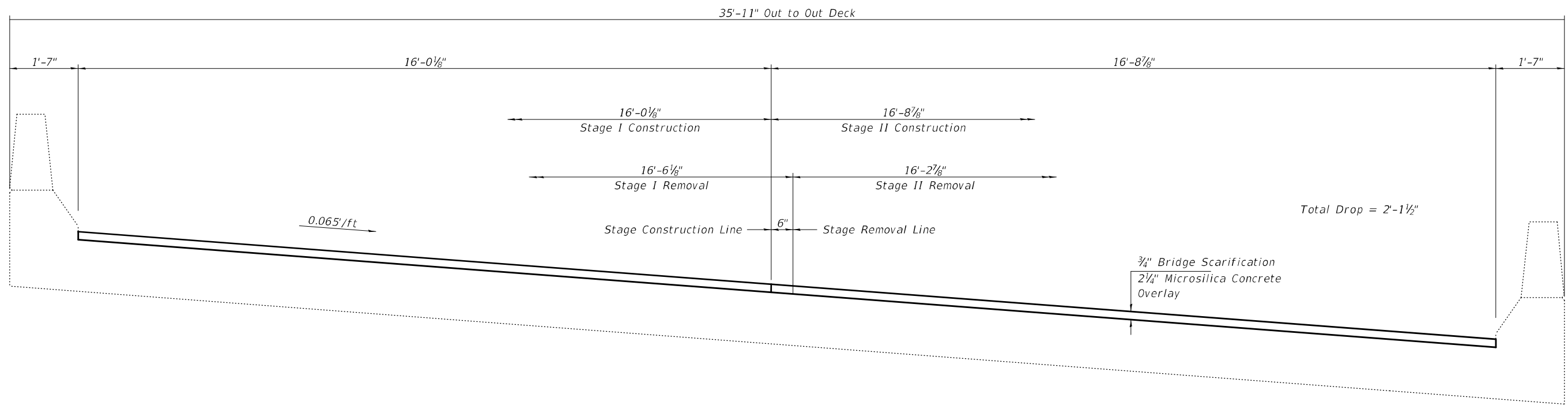
DATE - OCTOBER 1, 2021
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
ILL 8 OVER WARSAW RUN
SN 072-0165

SHEET NO. 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	26
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



CROSS SECTION
(Looking East)

DESIGNED - VHV
 CHECKED - CCC
 DRAWN - Venkat Ramana Reddy V
 CHECKED - VHV CCC

EXAMINED
 PASSED
 ENGINEER OF STRUCTURAL SERVICES
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - OCTOBER 1, 2021
 REVISED -
 REVISED -

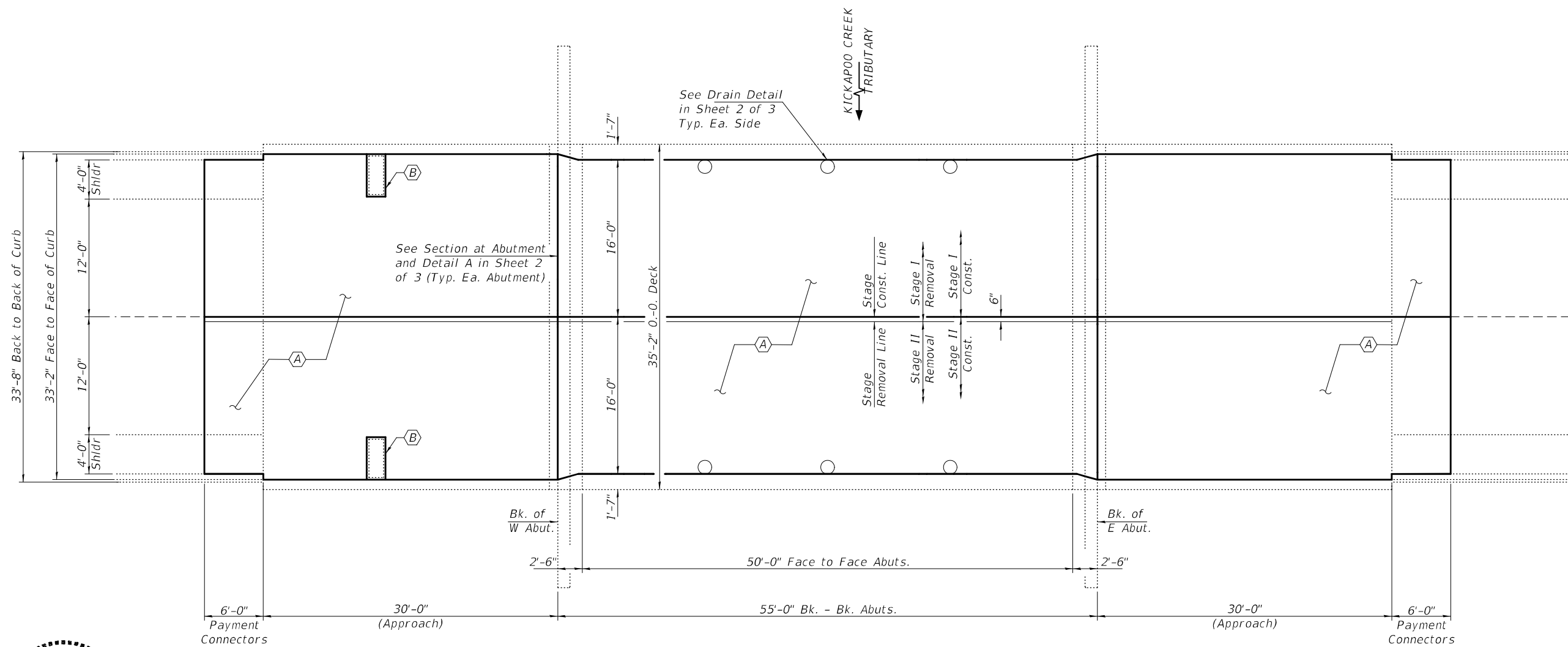
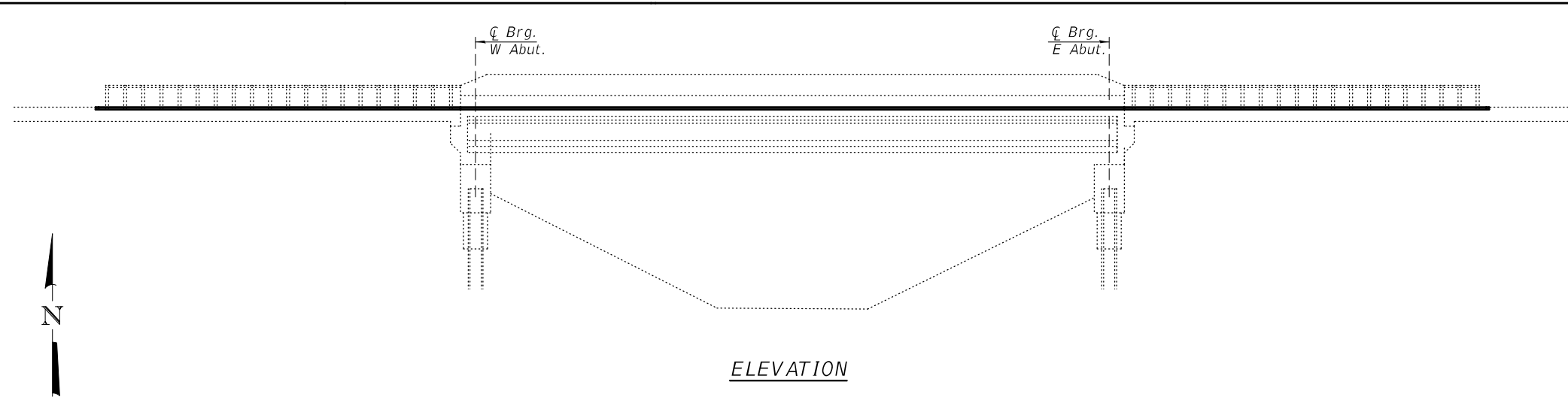
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS & STAGING DETAILS
SN 072 - 0165
 SHEET NO. 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	-
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F74	

GENERAL NOTES

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.



PLAN

- (A) - Bridge Deck Scarification $\frac{3}{4}$ " and $2\frac{1}{2}$ " Microsilica Concrete Overlay
- (B) - Inlet Drain Adjustment

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Bridge Deck Scarification, $\frac{3}{4}$ "	Sq. Yd.	468
Frames and Grates to be Adjusted (Special)	Each	2
Bridge Deck Grooving	Sq. Yd.	440
Bridge Deck Microsilica Concrete Overlay, $2\frac{1}{2}$ "	Sq. Yd.	468
Protective Coat	Sq. Yd.	468



EXPIRES 11-30-2022

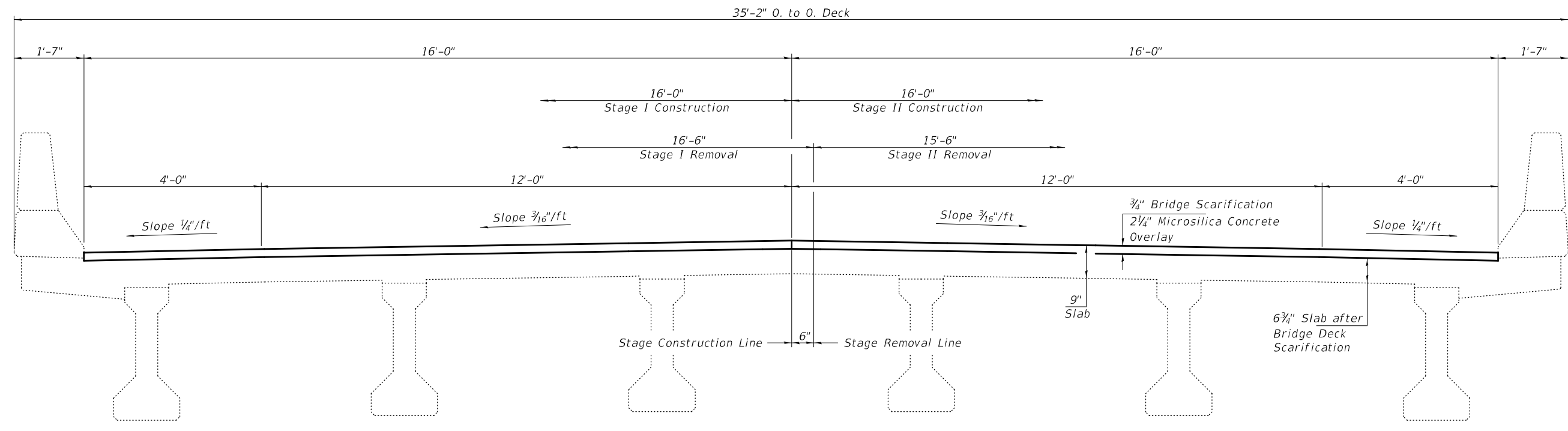
DESIGNED - Victor H. Veliz	EXAMINED - <i>Tony A. Beck</i>	DATE - OCTOBER 1, 2021
CHECKED - Chi-Cheung Chau	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - Venkat Ramana Reddy V	PASSED - <i>Dr. Carl Puzey</i>	REVISED -
CHECKED - VHV CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

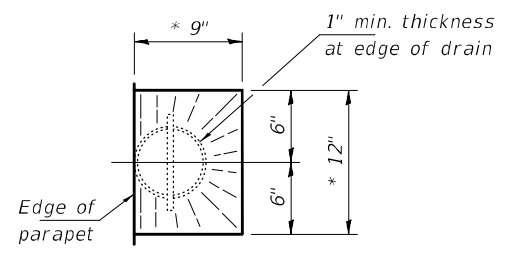
**GENERAL PLAN AND ELEVATION
IL ROUTE 8 OVER KICKAPOO CREEK TRIBUTARY
SN 072-0166**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	28
			CONTRACT NO. 68F74	
ILLINOIS FED. AID PROJECT				

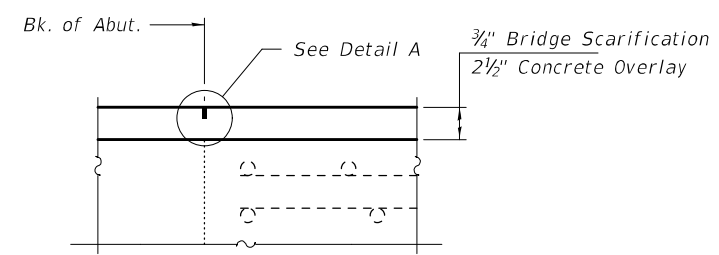
SHEET NO. 1 OF 3 SHEETS



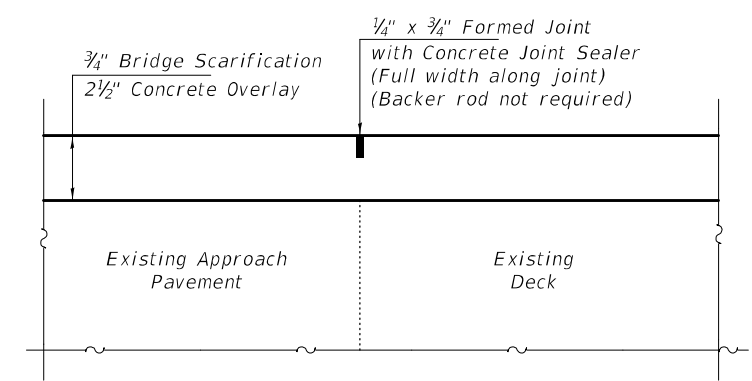
CROSS SECTION
(Looking East)



DRAIN DETAIL
* slope to drain



SECTION AT ABUTMENT



DETAIL A

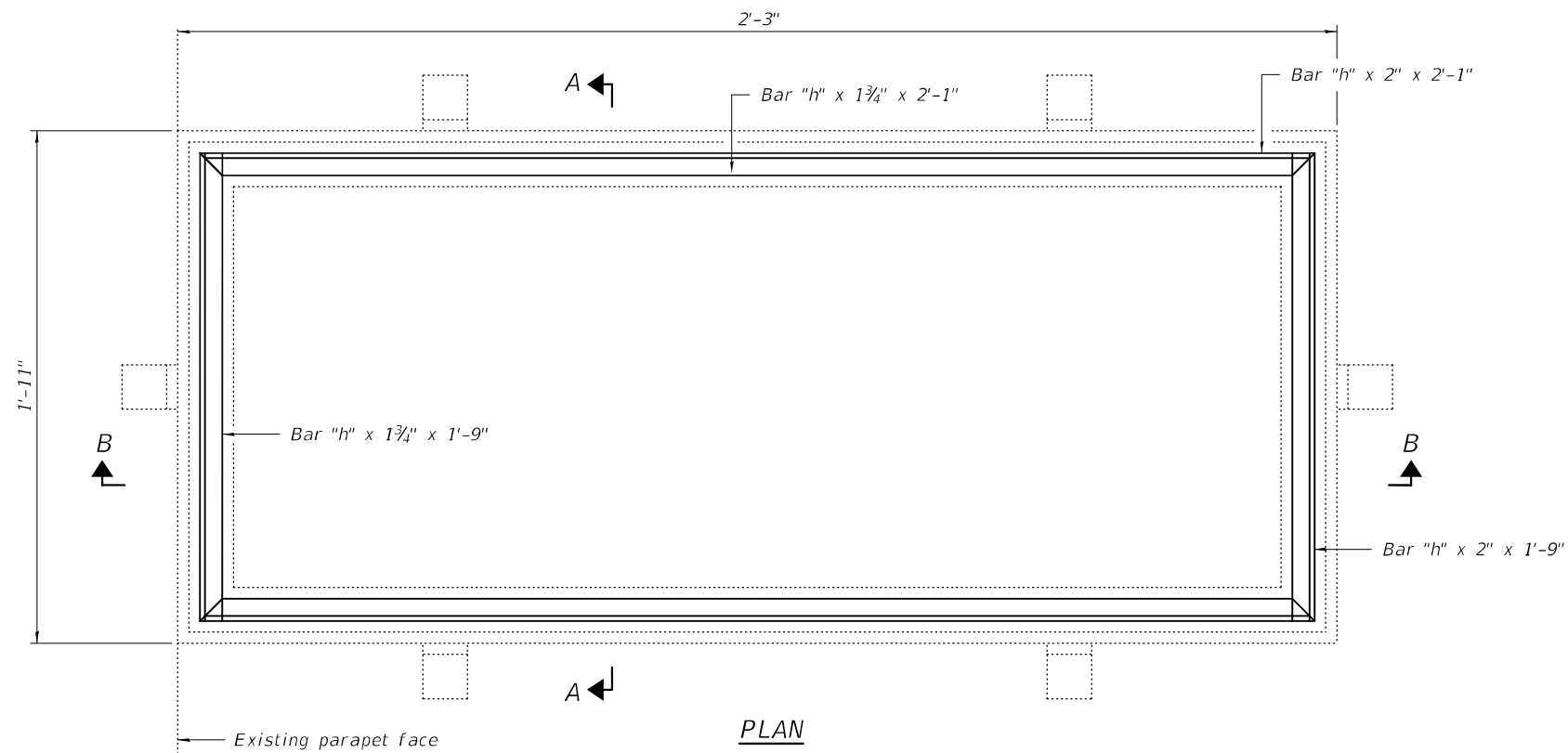
DESIGNED - VHV	EXAMINED - <i>Timothy A. Daulton</i> ENGINEER OF STRUCTURAL SERVICES	DATE - OCTOBER 1, 2021
CHECKED - CCC	PASSED - <i>Carl Ruyter</i> ENGINEER OF BRIDGES AND STRUCTURES	REVISED -
DRAWN - Venkat Ramana Reddy V		REVISED -
CHECKED - VHV CCC		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

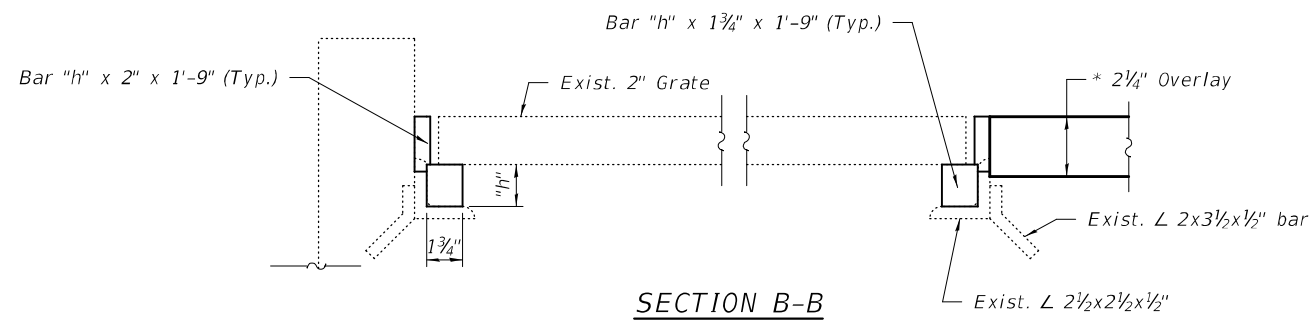
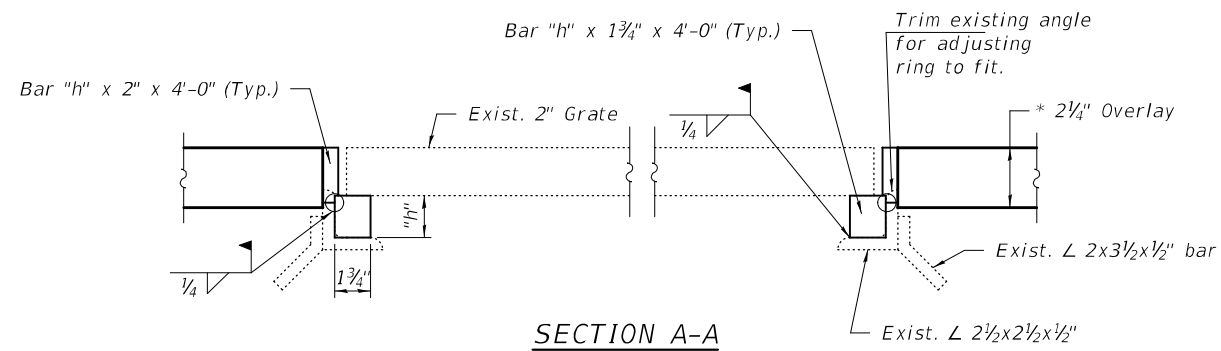
CROSS SECTIONS & STAGING DETAILS
SN 072 - 0166

SHEET NO. 2 OF 3 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	29
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



Notes:
 The contractor shall ensure that no damage is done to existing grates to be reused.
 Shop plans for proposed adjusting scupper ring shall be submitted for approval prior to fabrication.
 Cost of all labor and materials necessary to remove existing grates, clean existing scuppers, install adjusting scupper rings and reinstalling grates is included in the cost per unit each for Frames and Grates to be Adjusted (Special).
 All structural steel shall conform to AASHTO Classification M-270 Gr. 36.
 The adjusting scupper ring shall be galvanized.
 Bolts shall be 1/2"Ø, AASHTO M164 Type 1, mechanically galvanized.
 Contractor shall be responsible for field verification of dimensions.



"h" : Height is determined by the engineer in the field to allow for the variable thickness of Microsilica Concrete Overlay.

BILL OF MATERIAL

Item	Unit	Total
FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	Each	2

DESIGNED - VHV	EXAMINED - <i>Timothy A. D... ENGINEER OF STRUCTURAL SERVICES</i>	DATE - OCTOBER 1, 2021
CHECKED - CCC	PASSED - <i>Carl... ENGINEER OF BRIDGES AND STRUCTURES</i>	REVISED -
DRAWN - Venkat Ramana Reddy V		REVISED -
CHECKED - VHV CCC		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INLET DRAIN ADJUSTMENT
 SN 072 - 0166

SHEET NO. 3 OF 3 SHEETS

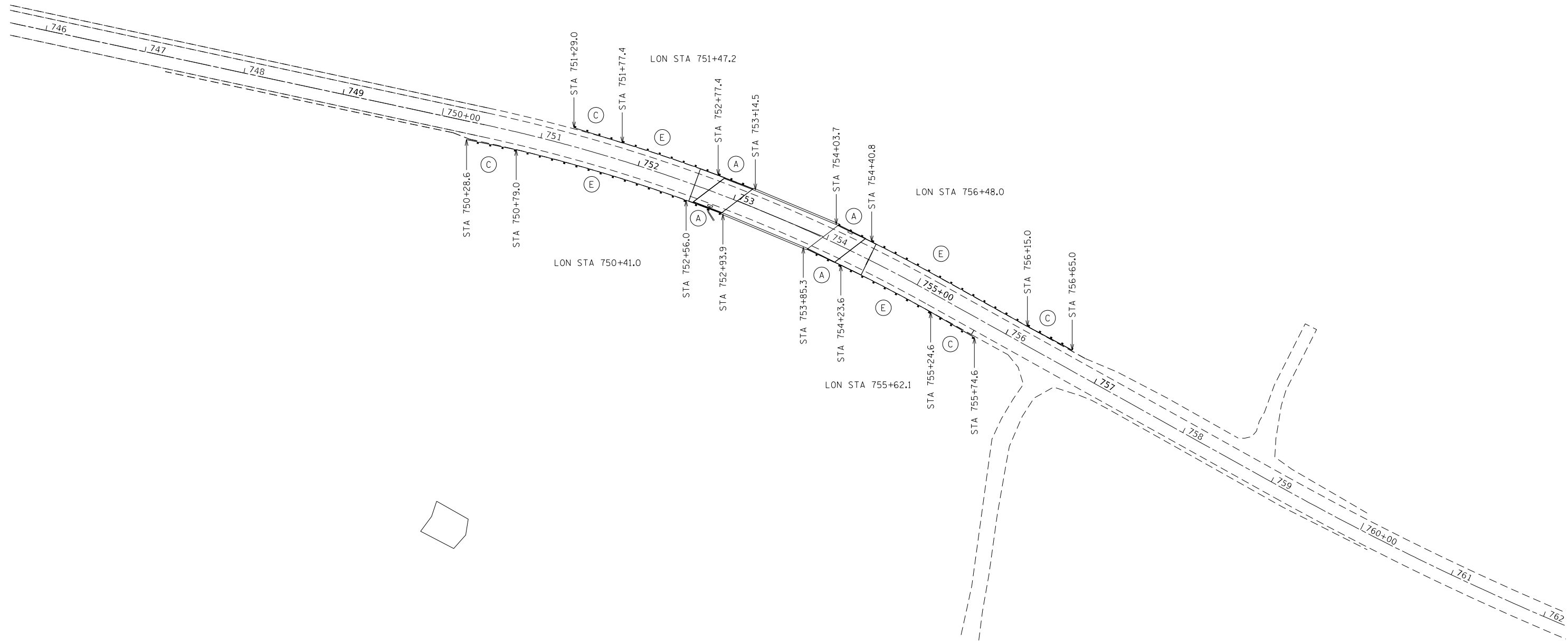
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	30
			CONTRACT NO. 68F74	
		ILLINOIS	FED. AID PROJECT	



SN 072-0165

LEGEND:

- A = TRAFFIC BARRIER TERMINAL, TYPE 6
- B = TRAFFIC BARRIER TERMINAL, TYPE 6B
- C = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- D = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- E = STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- LON = GUARDRAIL LENGTH OF NEED



MODEL: Guardrail Detail
FILE NAME: \\mccspj001\04\Shared\PD\GEN\W\WDRD\STD\PLAN\Sub\03\11_8 over Nixon Run Creek_68F74\Drawings\68F74_Sheets.dgn

USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0127' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAIL
S.N. 072-0165**

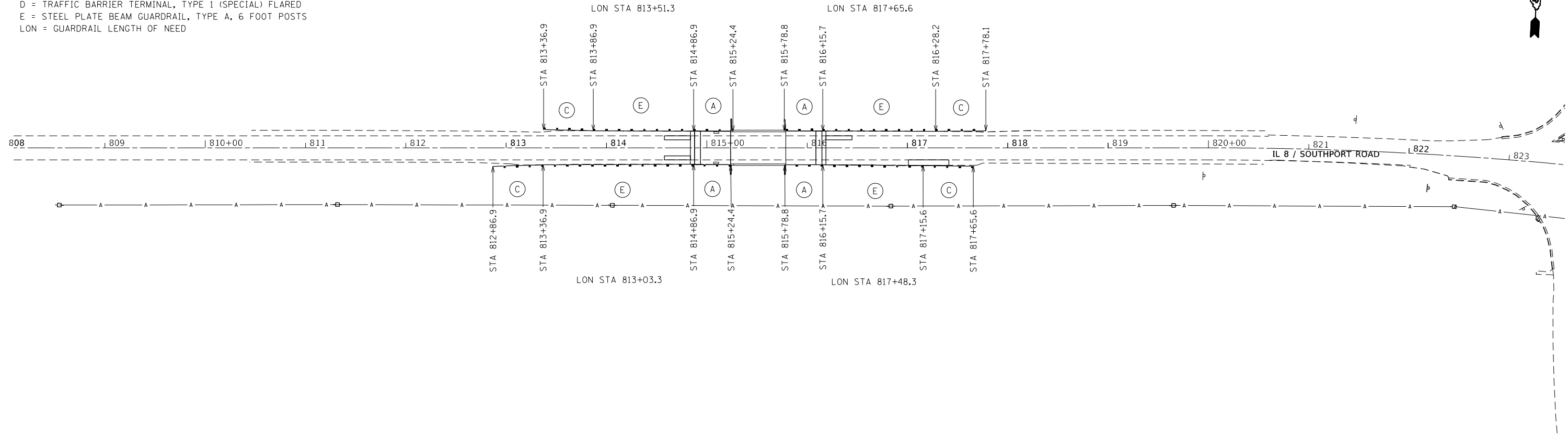
SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 1 TO STA. 1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	((Z-1D)BR-2)BDR,BJR	PEORIA	39	31
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				

LEGEND:

- A = TRAFFIC BARRIER TERMINAL, TYPE 6
- B = TRAFFIC BARRIER TERMINAL, TYPE 6B
- C = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- D = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- E = STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- LON = GUARDRAIL LENGTH OF NEED

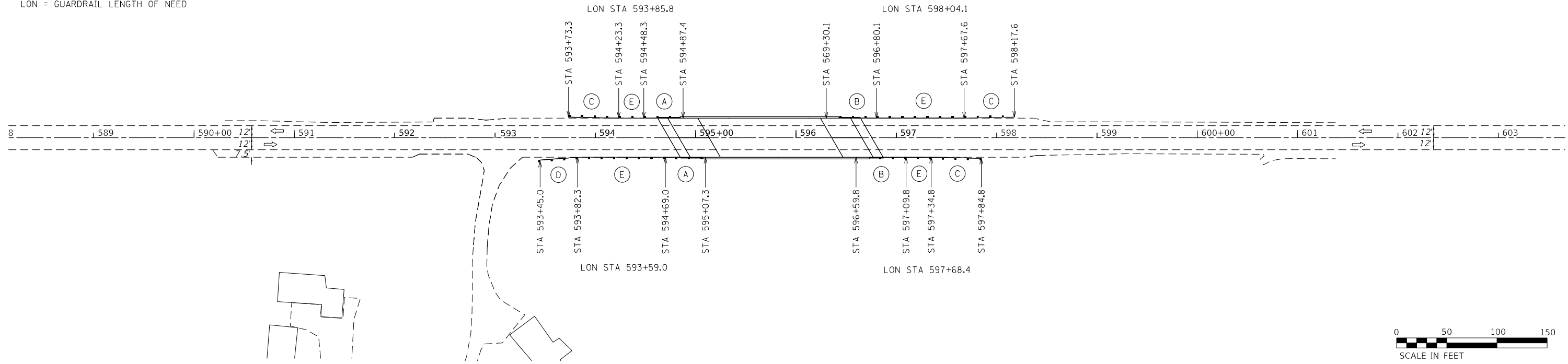
SN 072-0166



LEGEND:

- A = TRAFFIC BARRIER TERMINAL, TYPE 6
- B = TRAFFIC BARRIER TERMINAL, TYPE 6B
- C = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- D = TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- E = STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- LON = GUARDRAIL LENGTH OF NEED

SN 072-0164



MODEL: Guardrail Detail
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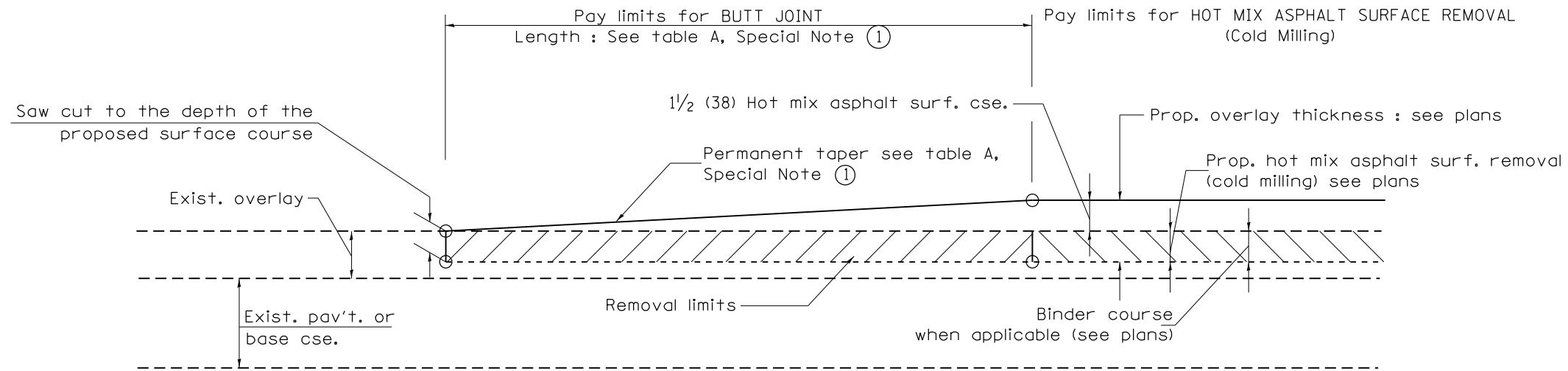
USER NAME = wrightmm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0013' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAIL
S.N. 072-0164 & S.N. 072-0166**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	32
CONTRACT NO. 68F74				
ILLINOIS FED. AID PROJECT				



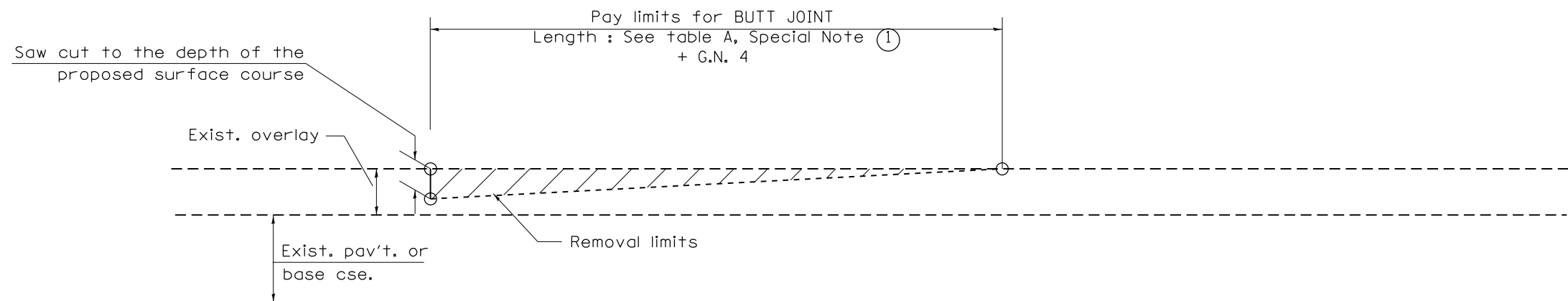
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

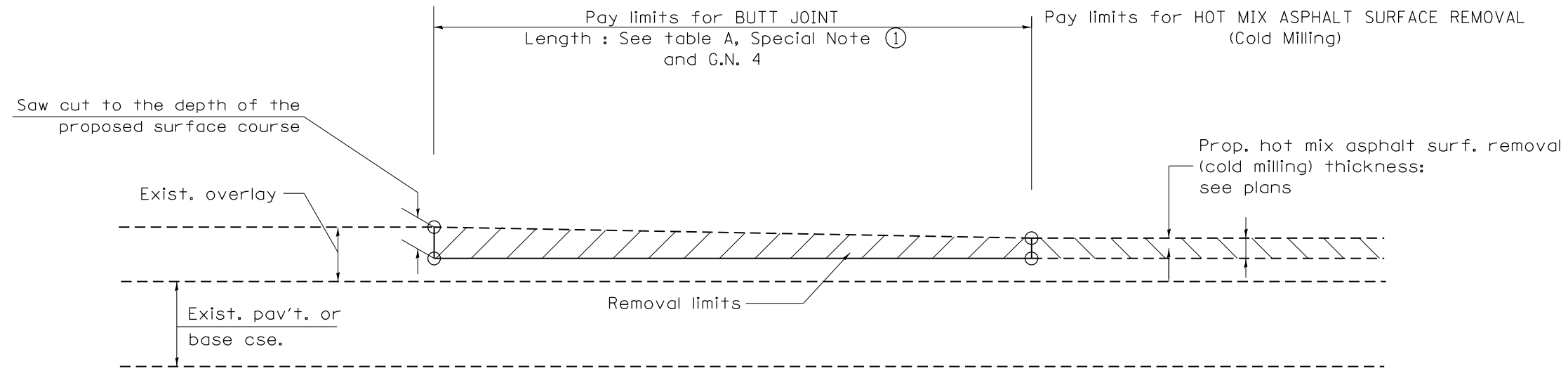
1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



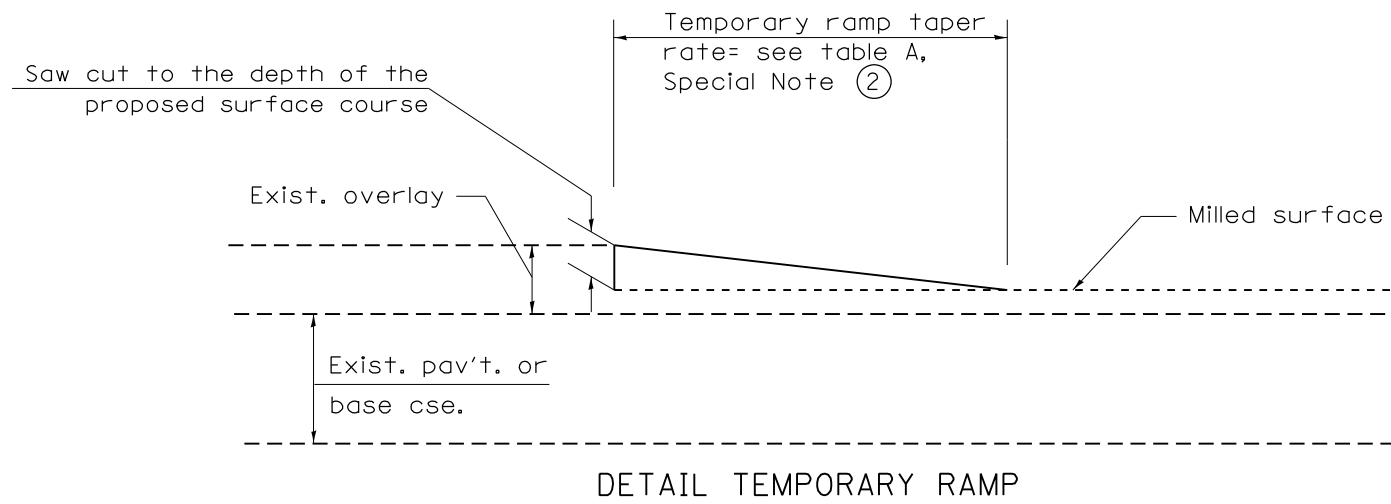
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
04-01-97	CORRECTION TO DEPTH	J.A.	04-12-16	MINOR CORRECTIONS	R.D.			1388	[(2-1D)BR-2]BDR,BJR	PEORIA	39	33	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	02-14-17	ADDED NOTE 5	R.D.			CONTRACT NO. 68F74					
10-16-06	REVISED TO 2007 SPEC.	M.A.	07-16-19	Wording and Spelling corrections	R.D.			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

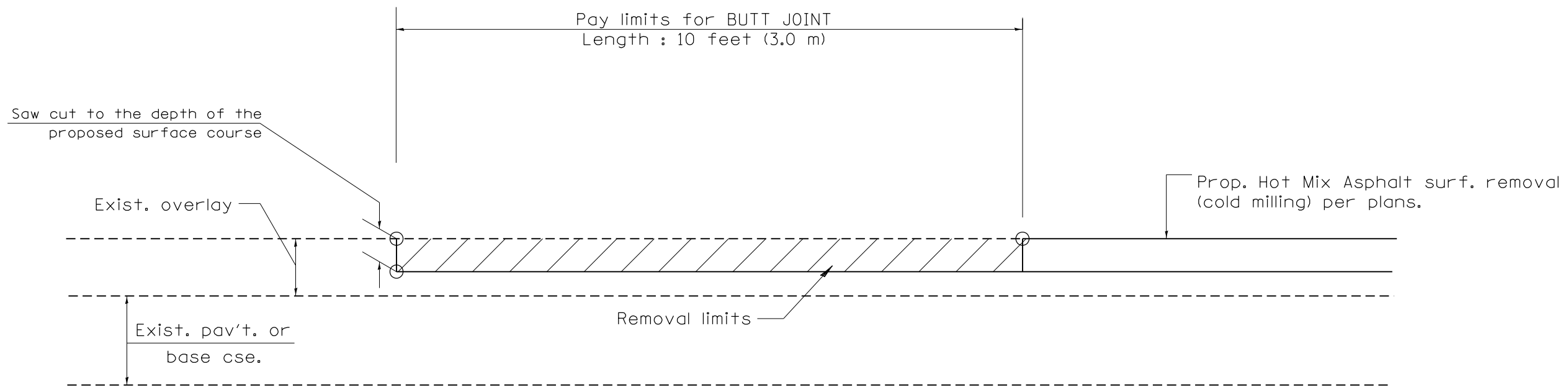


CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
								CONTRACT NO. 68F74	
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

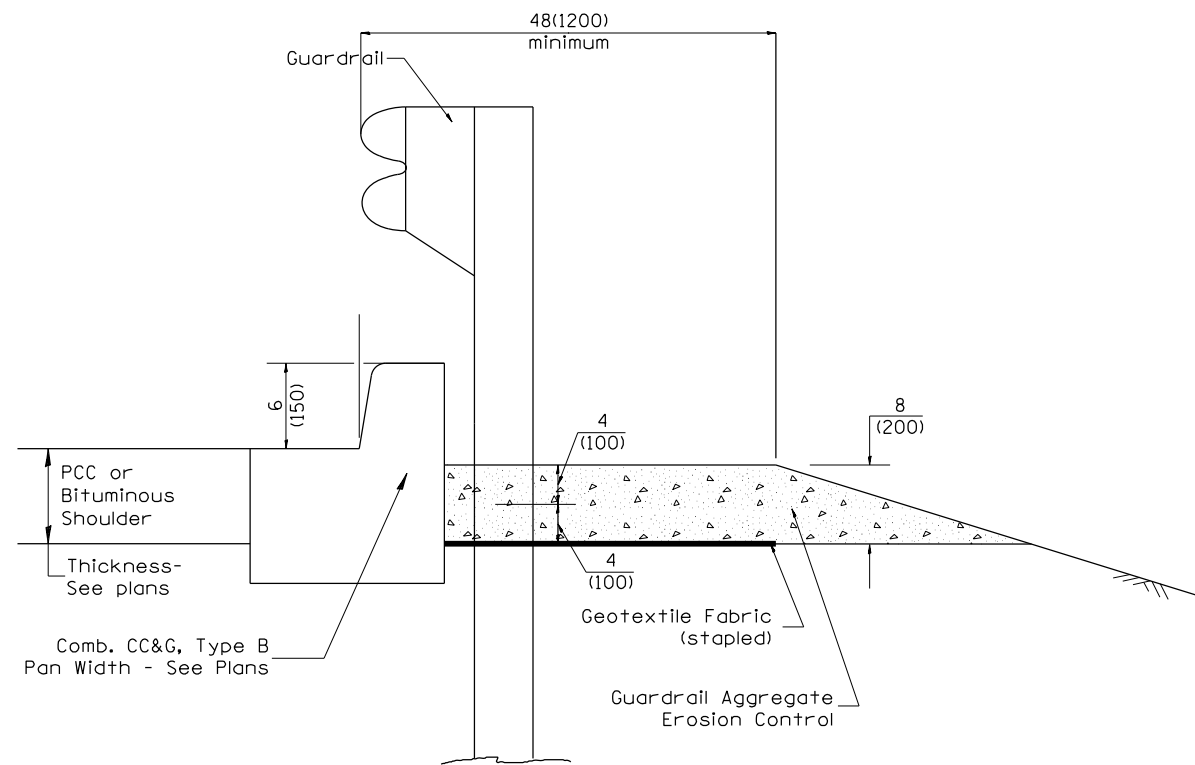
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

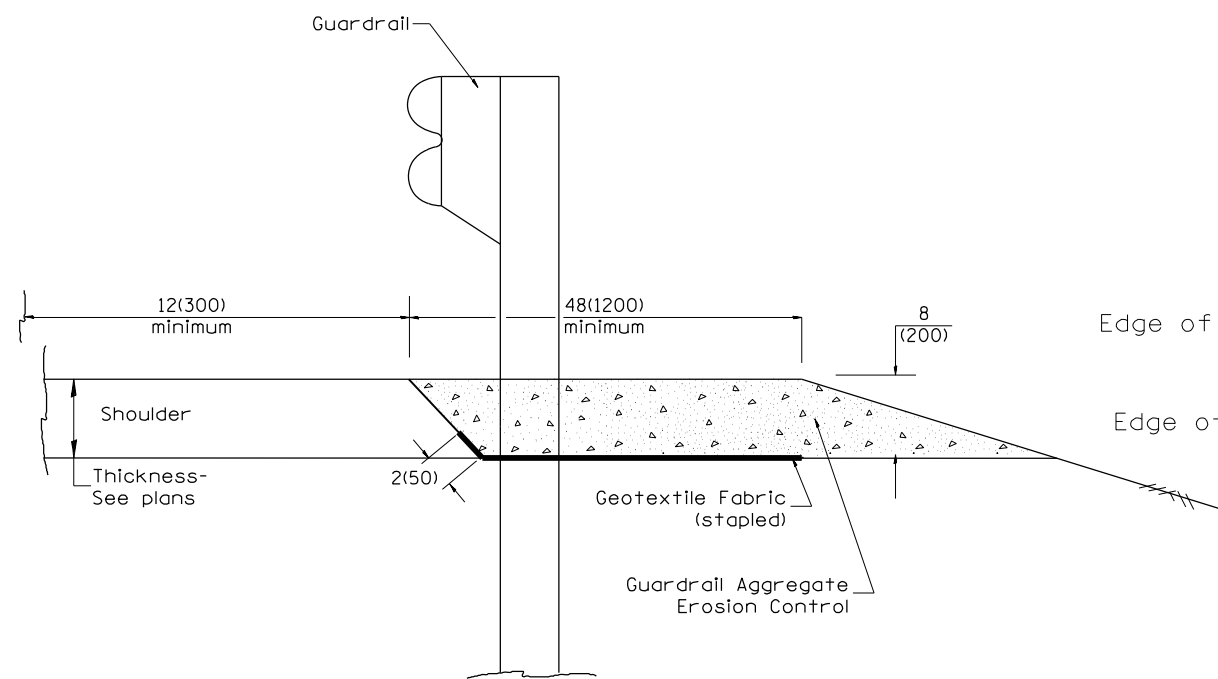
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F74	



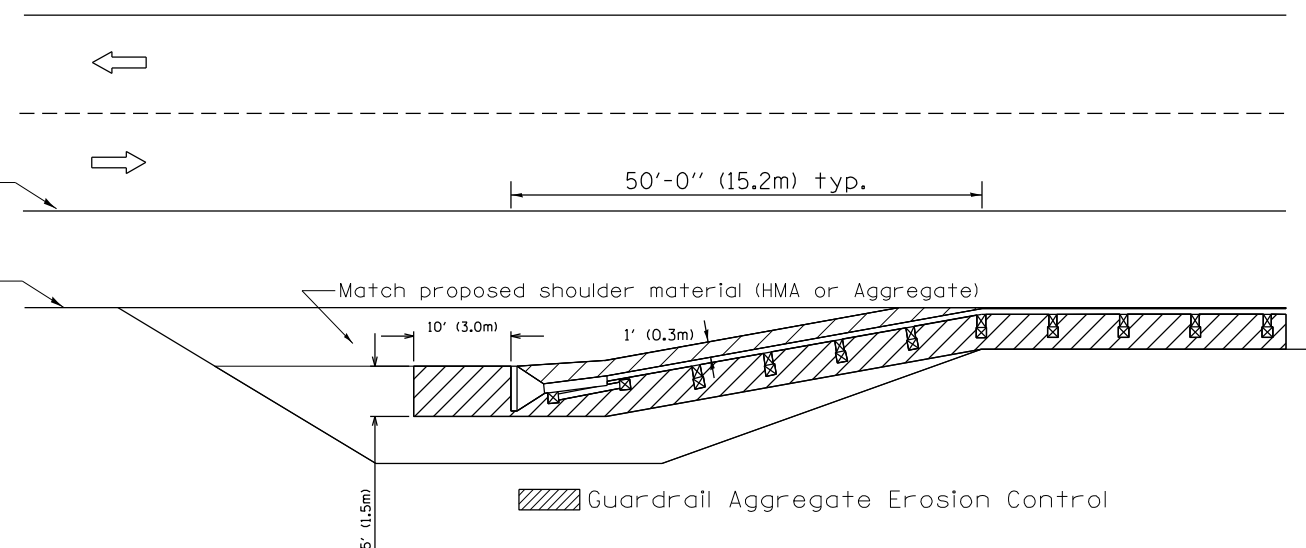
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



TYPICAL SECTION WITHOUT EROSION CONTROL CURB



All dimensions are in inches (millimeters) unless otherwise noted.

03-07-11	ADDED DETAIL SHOWING PLAN VIEW	R.D.	5-30-18	CHANGE B CURB TO CC&G	R.D.
08-10-12	REVISED CURB "B" AND AGGREGATE	R.D.	07-16-19	SPELLING CORRECTIONS	R.D.
07-15-15	ADDRESSED SHOULDER INLET CURB	R.D.			
01-26-17	REVISED	R.D.			

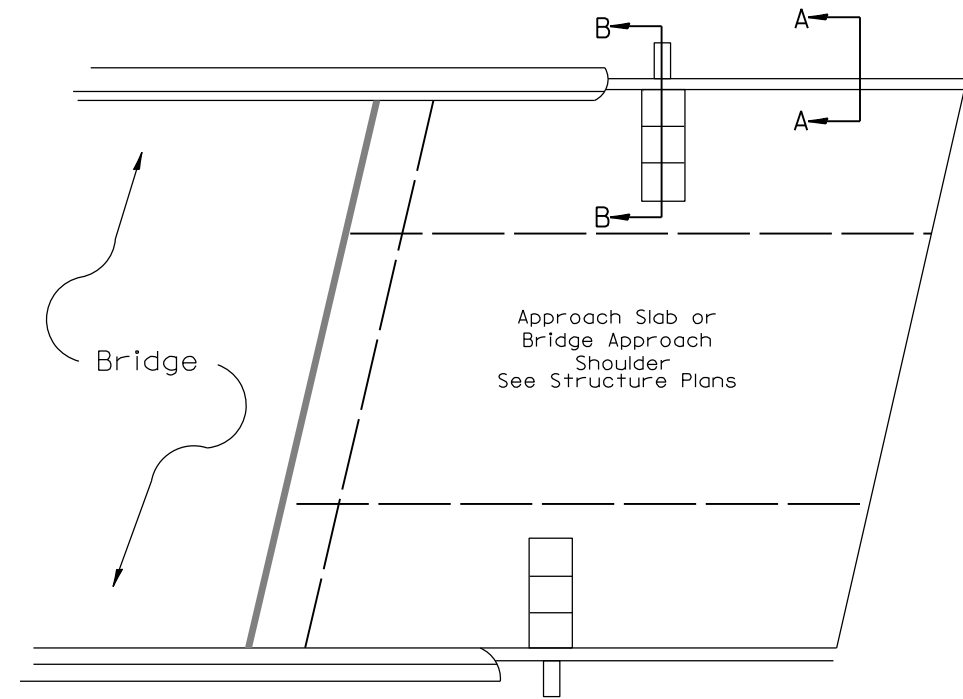
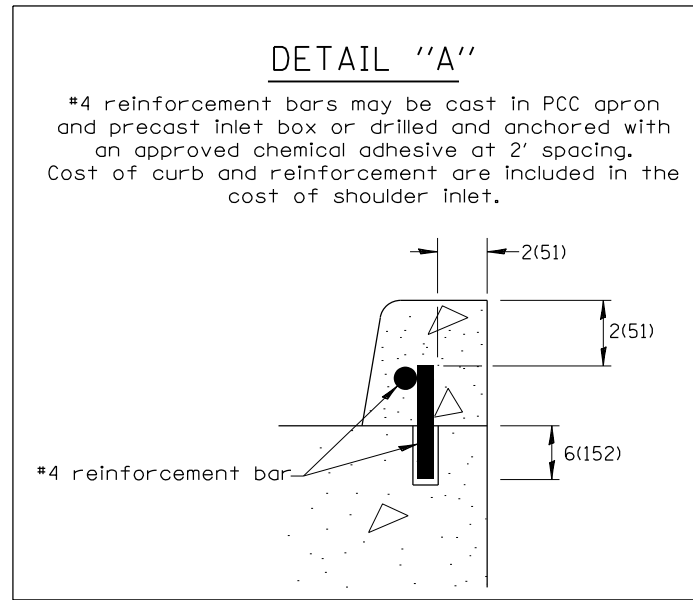
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

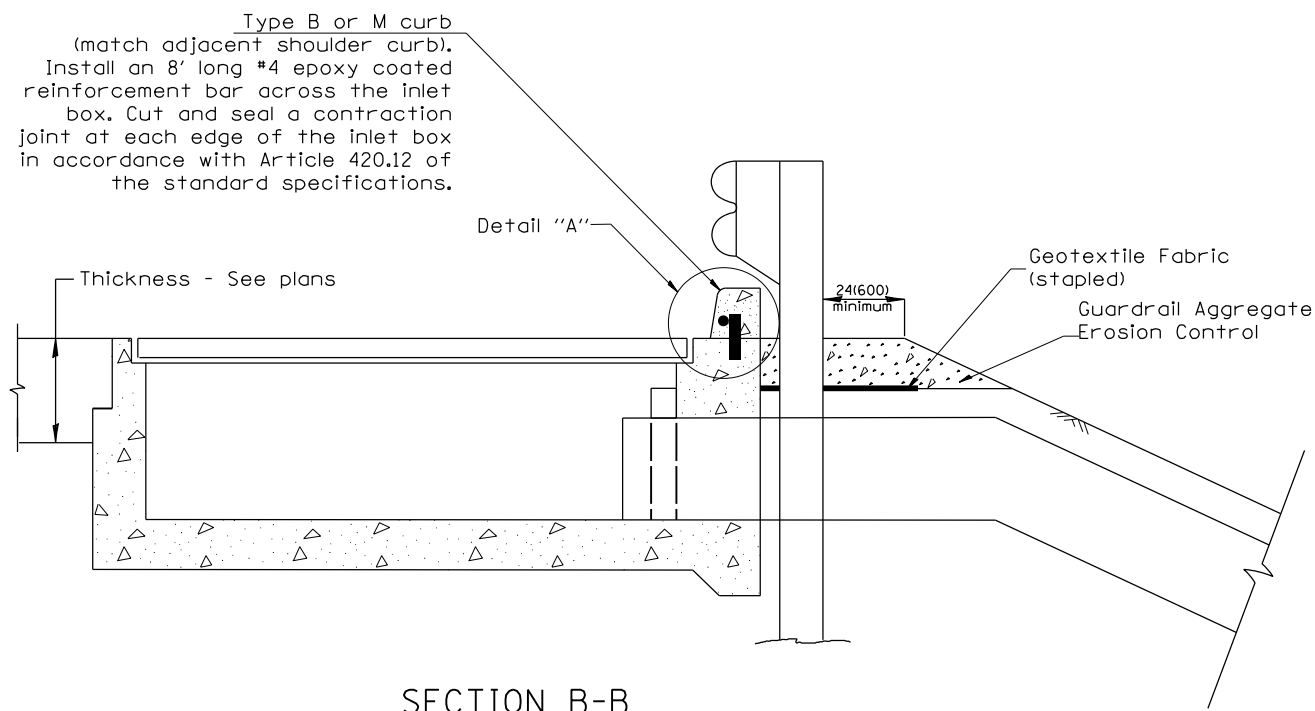
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 1 OF 2
CADD STD. 630101-D4

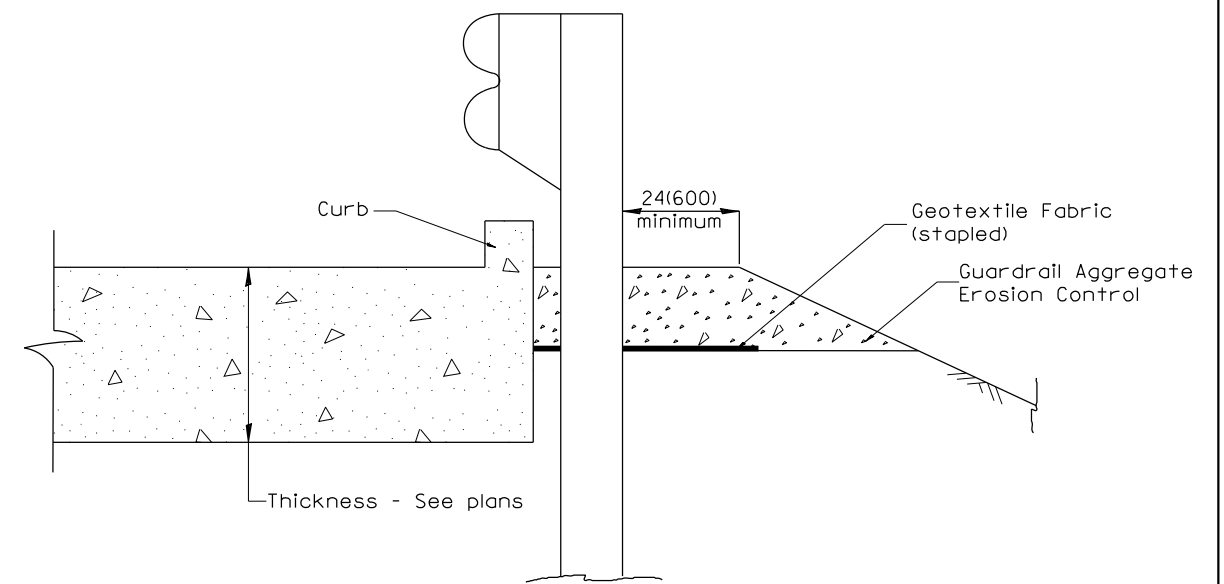
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1388	[(Z-1D)BR-2]BDR,BJR	PEORIA	39	36
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68F74	



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



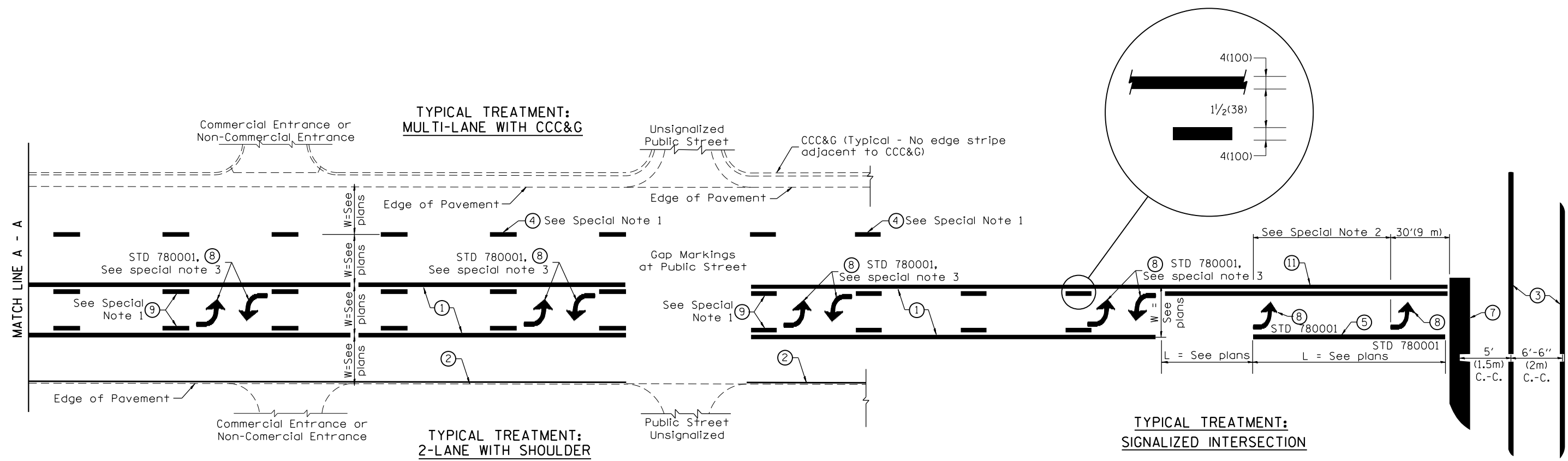
SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS				GUARDRAIL EROSION CONTROL TREATMENTS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEPARTMENT OF TRANSPORTATION				NOT TO SCALE				1388	(12-1D)BR-2)BDR,BJR	PEORIA	39	37
				SHT. 2 OF 2				CONTRACT NO. 68F74				
				CADD STD. 630101-D4				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
Through Arrow= 14.8 sq. ft.
Large Left or Right Arrow= 21.9 sq. ft.
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
Wrong Way Arrow= 29.5 sq. ft.
Railroad Crossing Symbol= 69.8 sq. ft.
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			1388	[(Z-ID)BR-2]BOR,BJR	PEORIA	39	38	
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.			CONTRACT NO. 68F74					
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						SHT. 1 OF 2 CADD STD. 780001-D4					
							NOT TO SCALE	ILLINOIS FED. AID PROJECT					

