

133

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	14-2,15-2,16-2,16RS-3	JEFFERSON	25	1
		ILLINOIS	CONTRACT NO. 78748	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7

**PROPOSED
HIGHWAY PLANS**

F.A.P. 821 ROUTE (IL 15)
SECTION (14-2,15-2,16-2,16)RS-3
PROJECT NHPP-P78Y(773)
PATCHING & RESURFACING
JEFFERSON COUNTY

TRAFFIC DATA

IL-15 (FAP 821) JEFFERSON	LOC A:	LOC B:	LOC C:	LOC D:	LOC E:	LOC F:	LOC G:
M.P.	(14.22-14.94)	(14.94-15.97)	(15.97-19.48)	(19.48-21.17)	(21.17-22.08)	(22.08-23.37)	(23.37-24.66)
(2017)							
PV=	6150	5475	4860	4060	4160	3600	3330
SU=	150	275	250	170	170	160	130
MU=	50	150	90	120	120	90	90
ADT=	6350	5900	5200	4350	4450	3850	3550
(2040)							
PV=	7725	6885	6110	5105	5225	4525	3330
SU=	190	345	315	215	215	200	130
MU=	65	190	115	150	150	115	90
ADT=	7980	7420	6540	5470	5590	4840	3550
TRUCK %	3	7	7	7	7	6	6

TOWNSHIPS

**MOUNT VERNON
WEBBER**

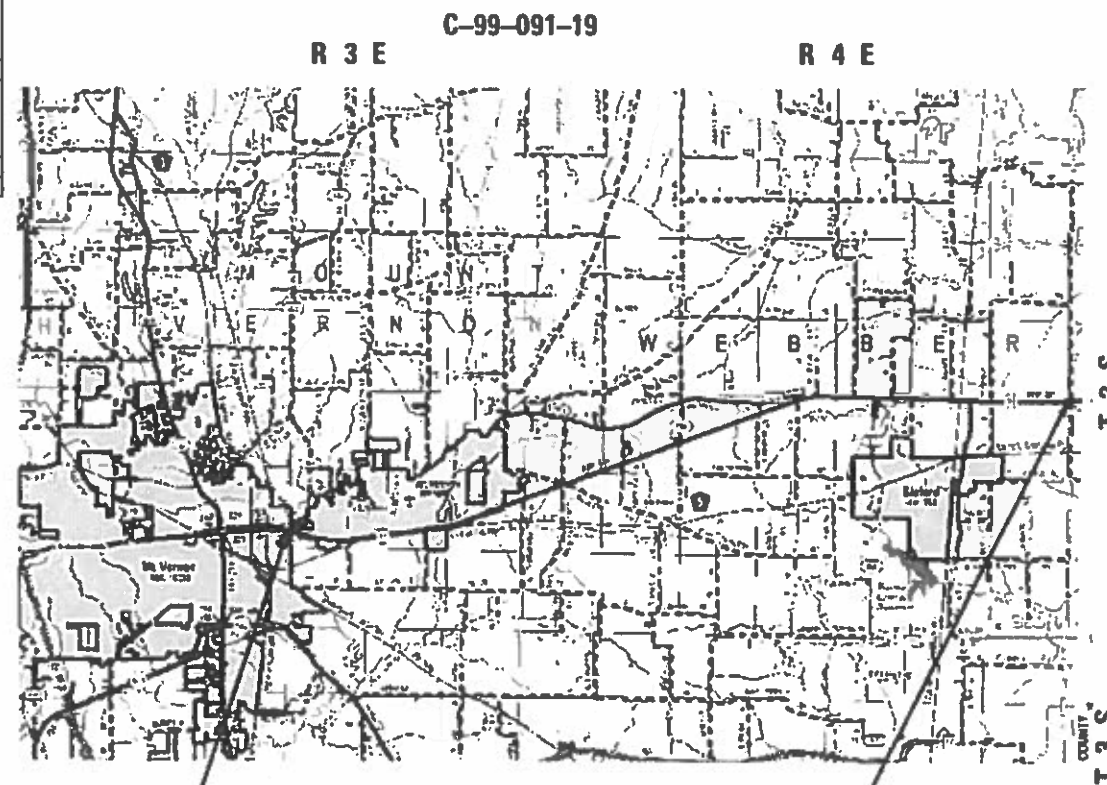
DESIGN DESIGNATION : NA

COORDINATE SYSTEM : ILLINOIS EAST
POSTED SPEED : 50,55 MPH

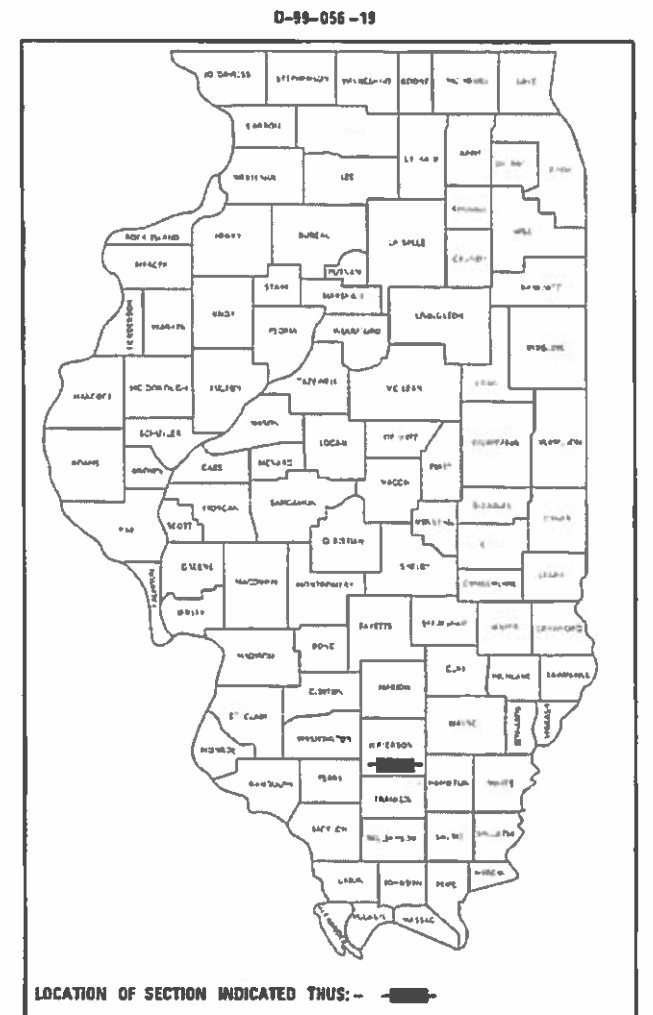
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: ROBERT HANDY

CONTRACT NO. 78748



GROSS LENGTH = 54,678.62 FT. = 10.36 MILES
NET LENGTH = 52,458.79 FT. = 9.94 MILE



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 01-09 2020

[Signature]
REGION FIVE ENGINEER

Jan 31 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS,
4	GENERAL NOTES, MIX DESIGN & COMMITMENTS
5-7	SUMMARY OF QUANTITIES
8-14	TYPICAL SECTIONS: IL 15
15	PAVEMENT RESURFACING SCHEDULE
16-17	PAVEMENT SHOULDER PAVING SCHEDULE
17	SIDEROAD DETAILS
18	PAVEMENT DELINEATION SCHEDULE
19	PAVEMENT MARKING SCHEDULE
20	PATCHING SCHEDULE & PVMT CORE SUMMARY
21-22	INTERSECTION OF IL 15 & LIEBENGOOD
23	HMA TRANSITION DETAIL
24	BUTT JOINT & INLAY DETAIL
25	ROUGH GROOVED & UNEVEN LANE SIGN DETAIL

STATION EQUATIONS

STA. 60+00.74 BK = STA. 60+99.77 AH
 STA. 132+54.20 BK = STA. 132+55.73 AH
 STA. 394+80.72 BK = STA. 408+02.60 AH
 STA. 463+48.68 BK = STA. 463+29.61 AH
 STA. 472+21.00 BK = STA. 472+50.00 AH
 STA. 481+10.50 BK = STA. 481+00.00 AH
 STA. 499+81.65 BK = STA. 499+88.00 AH
 STA. 529+92.22 BK = STA. 529+92.19 AH
 STA. 542+21.18 BK = STA. 542+49.20 AH
 STA. 577+21.18 BK = STA. 577+21.92 AH

STANDARDS

000001-07 701306-04
 001006 701311-03
 442201-03 701336-07
 701006-05 701901-08
 701011-04 780001-05
 701301-04 781001-04

OMMISSIONS

STA. 128+97.36 TO STA. 130+65.36 (SN 041-0027)
 STA. 285+40.00 TO STA. 304+45.00 (CN 78509)
 STA. 463+96.50 TO STA. 464+43.50 (SN 041-0028)
 STA. 504+18.93 TO STA. 505+18.76 (SN 041-0102)

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE (IL-15)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
<u>CULVERTS</u>			
SN 041-2001 - STA 162+00	2.1	1.04	NO MTD
SN 041-2014 - STA 484+02	2.2	1.06	EMPTY MTD
SN 041-7071 - STA 41+98	5.5	1.04	EMPTY MTD
SN 041-7075 - STA 241+79	30.0	1.04	EMPTY MTD
SN 041-7076 - STA 266+50	29.8	1.04	EMPTY MTD
SN 041-7079 - STA 457+90	1.5	1.19	NO MTD
SN 041-7080 - STA 471+73	1.8	1.06	NO MTD
SN 041-7081 - STA 505+72	18.4	2.00	EMPTY MTD
SN 041-7082 - STA 577+58	12.2	1.04	EMPTY MTD
<u>BRIDGES</u>			
SN 041-0026 - STA 20+00			EMPTY MTD
SN 041-0027 - STA 129+81			EMPTY MTD
SN 041-0028 - STA 464+20			EMPTY MTD
SN 041-0102 - STA 504+63			EMPTY MTD

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, MTD
STANDARDS, & STATION EQUATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	3
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.
 ALL AGGREGATE 2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER,

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT

THE CONTRACTOR SHALL COMPLETE HOT MIX ASPHALT SURFACE REMOVAL BEFORE

COMMITMENTS: NONE

HMA MIXTURE REQUIREMENTS

Location(s):	Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition: (Mixture Gradation)	4.0 %, 70 Gyration Design IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA
Number of Roller Passes	NA

HMA MIXTURE REQUIREMENTS

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition: (Mixture Gradation)	4.0 %, 70 Gyration Design IL-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP
Sublot Size:	TBD
Number of Roller Passes	NA

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Mixture, N70, IL-9.5, Fine Graded
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition: (Mixture Gradation)	4.0 %, 70 Gyration Design IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD
Number of Roller Passes	NA

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30, IL-9.5L
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA
Number of Roller Passes	NA

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SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO
ROUTE:	IL 15
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	131,651
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	200
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	325
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	847
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	847
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	33,385
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	52,466
Z0034105	MATERIAL TRANSFER DEVICE	TON	21,836

* SPECIALTY ITEM

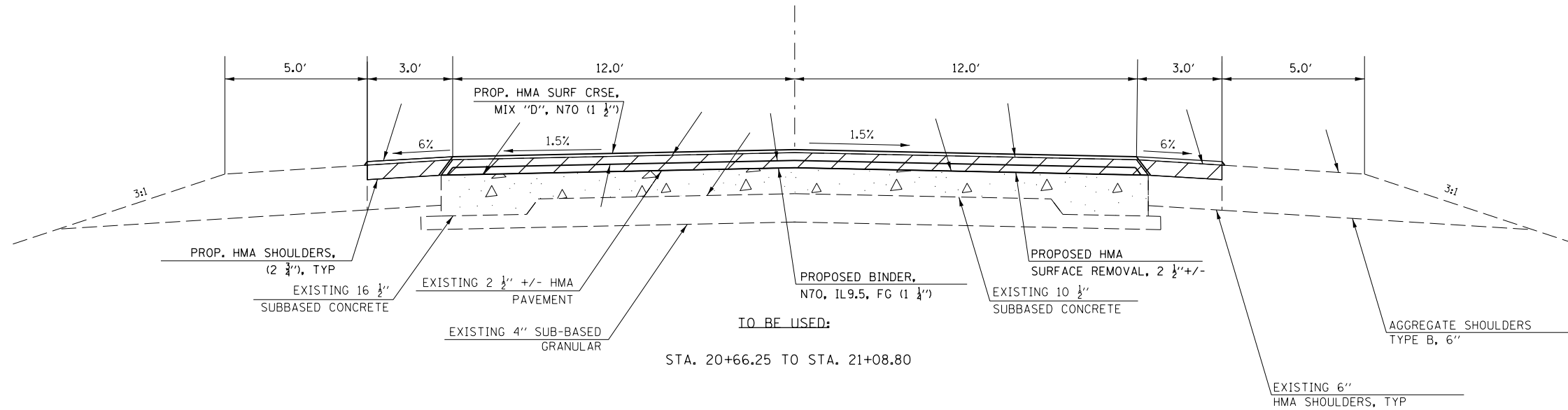
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				CONTRACT NO. 78748					
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
				ILLINOIS		FED. AID PROJECT			

TYPICAL SECTION

IL-15 (FAP 821)
N.T.S

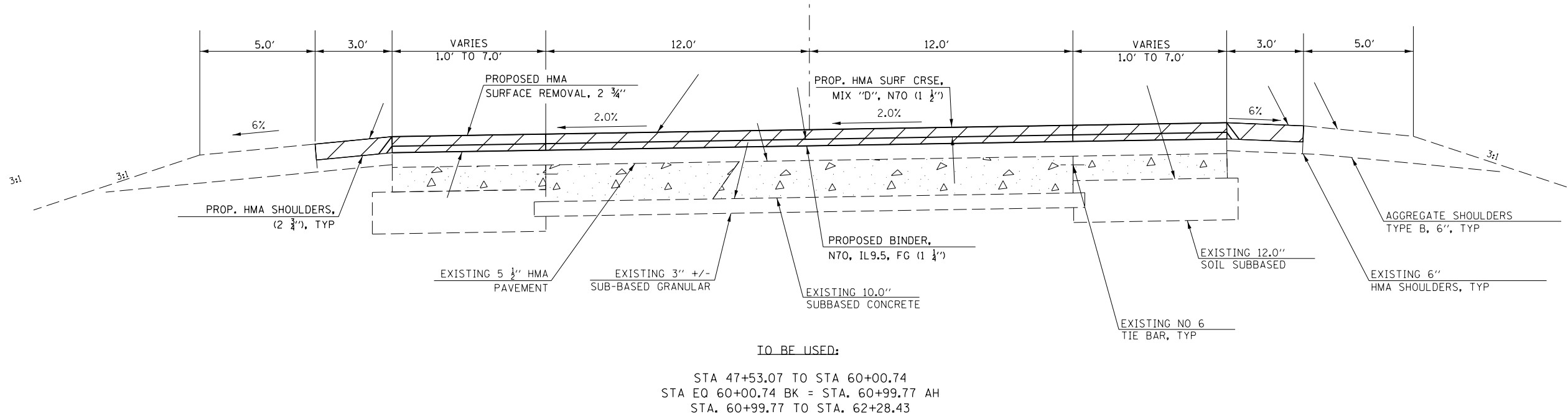
IL-15
FAP 821



TYPICAL SECTION

IL-15 (FAP 821)
N.T.S

IL-15
FAP 821



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINLINE TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	8
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

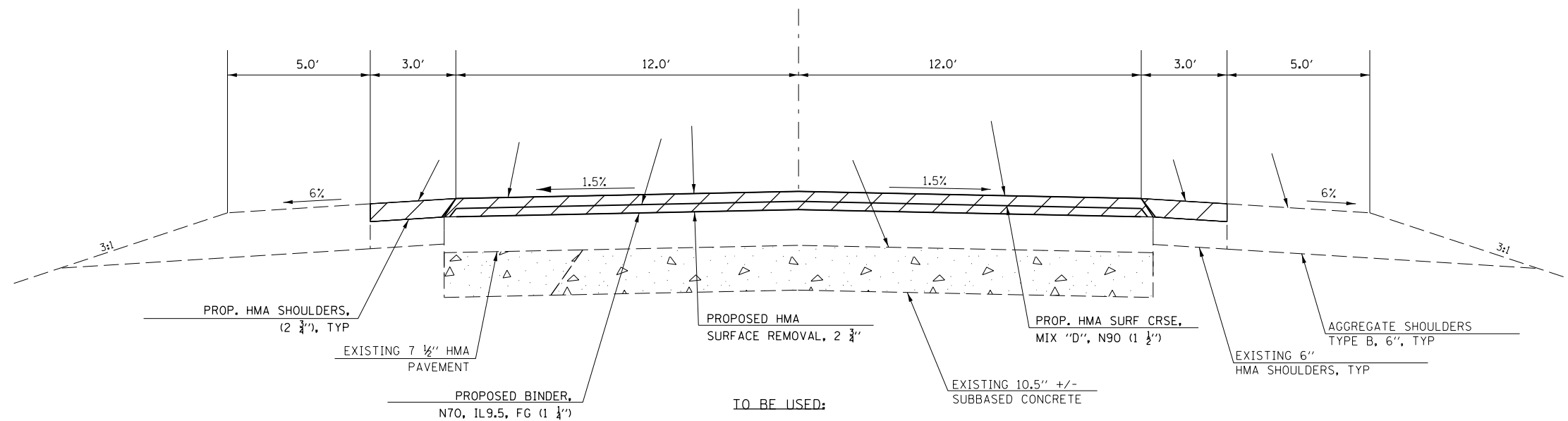
TYPICAL SECTION

IL-15 (FAP 821)

N.T.S

IL-15

FAP 821



TO BE USED:
 STA. 393+30.00 TO STA. 394+80.72
 STA EQ 394+80.72 BK = STA. 408+02.60 AH
 STA. 408+02.60 TO STA. 409+62.60

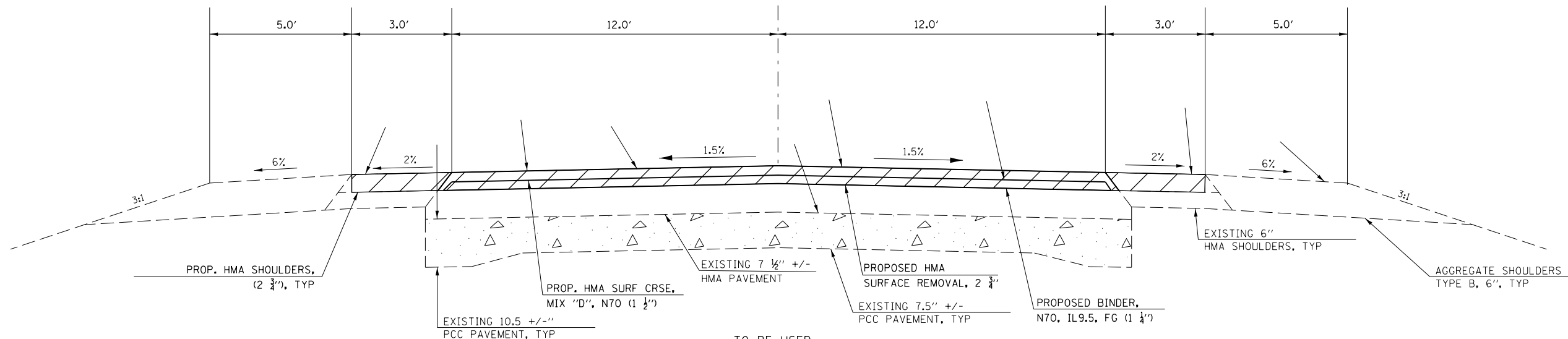
TYPICAL SECTION

IL-15 (FAP 821)

N.T.S

IL-15

FAP 821



TO BE USED:
 STA. 409+62.60 TO STA. 423+30.00
 STA. 460+00.00 TO STA. 463+48.68
 STA EQ. 463+48.68 BK = STA. 463+29.61 AH
 STA. 463+29.61 TO STA. 463+96.50
 STA. 464+43.50 TO STA. 472+21.00
 STA EQ. 472+21.00 BK = STA. 472+50.00 AH
 STA. 472+50.00 TO STA. 473+00.00
 STA. 483+00.00 TO STA. 499+81.65
 STA EQ. 499+81.65 BK = STA. 499+88.00 AH
 STA. 499+88.00 TO STA. 502+00.00

OMMISSION GAP:
 STA. 463+96.50 TO STA. 464+43.50
 STR SN 041-0028

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINLINE TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

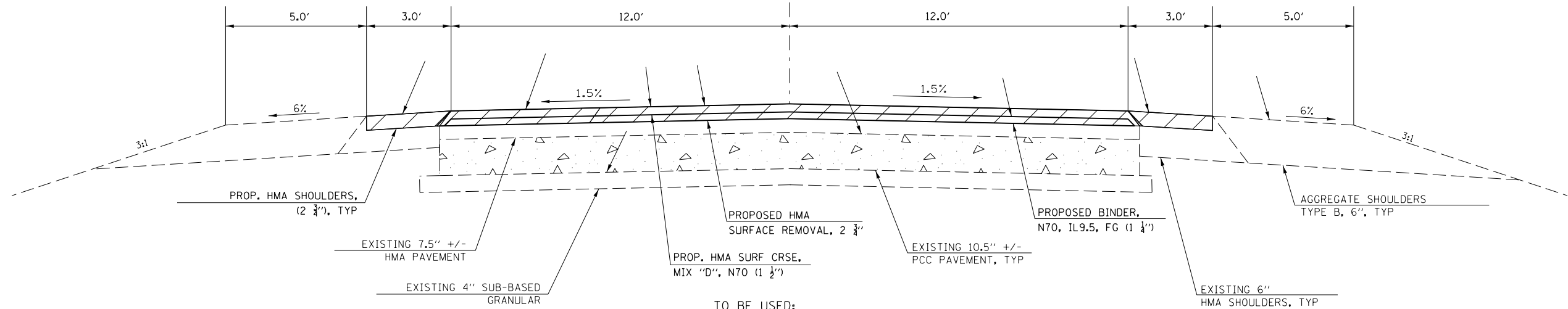
IL-15 (FAP 821)

N.T.S

CL

IL-15

FAP 821



TO BE USED:

STA. 423+30.00 TO STA. 460+00.00
 STA. 473+00.00 TO STA. 481+10.50
 STA EQ. 481+10.50 BK = STA. 481+00.00 AH
 STA. 481+00.00 TO STA. 483+00.00
 STA 514+00.00 TO STA. 523+47.22

TYPICAL SECTION

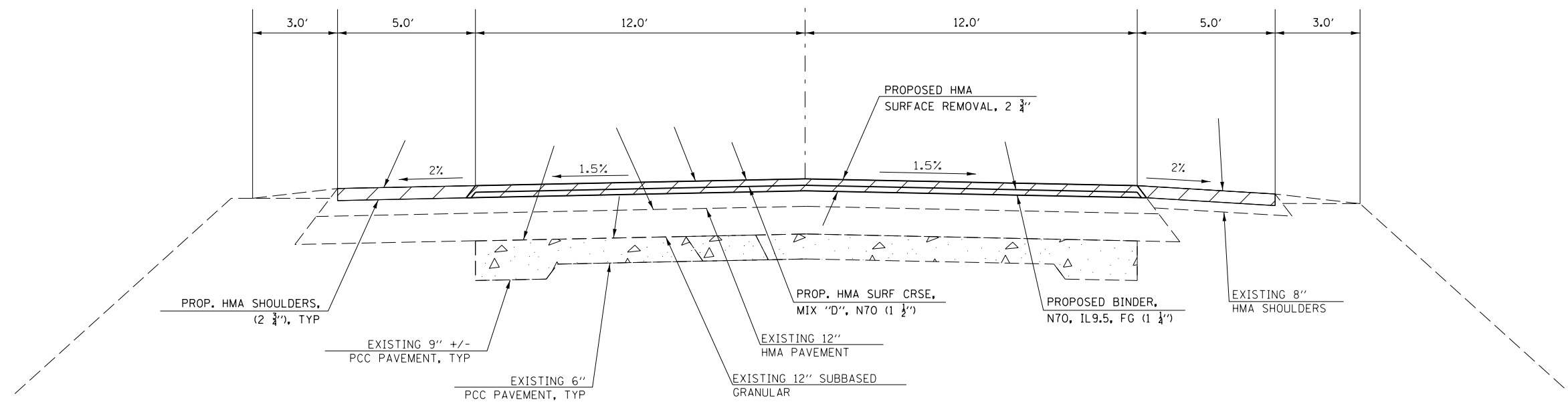
IL-15 (FAP 821)

N.T.S

CL

IL-15

FAP 821



TO BE USED:

STA. 502+00.00 TO STA. 504+18.93
 STA. 505+18.76 TO STA. 511+75.00

OMMISION GAP:

STA. 504+18.93 TO STA. 505+18.76
 STR SN 041-0102

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINLINE TYPICAL SECTIONS

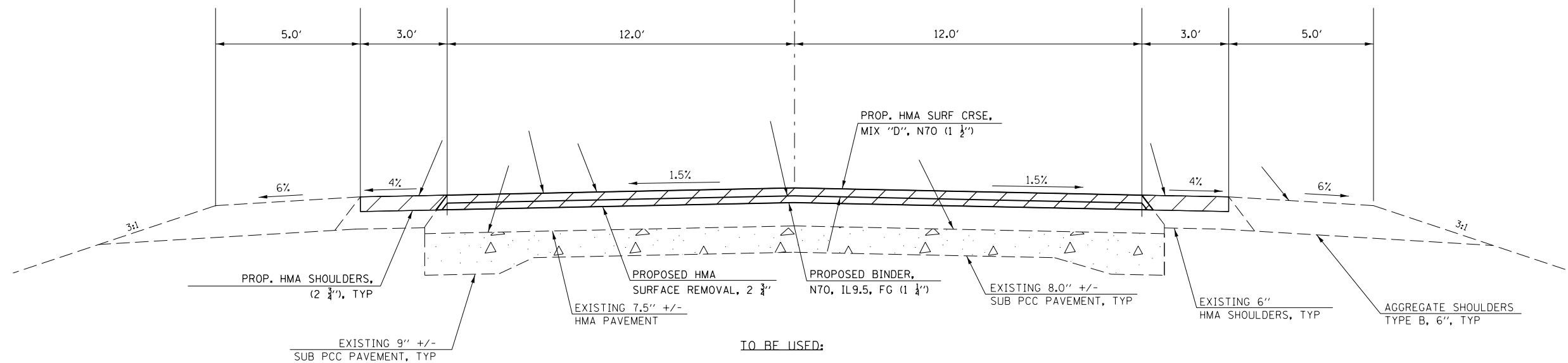
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	13
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

IL-15 (FAP 821)
N.T.S

IL-15
FAP 821



TO BE USED:

STA. 511+75.00 TO STA. 514+00.00
 STA. 523+47.22 TO STA. 529+92.22
 STA EQ. 529+92.22 BK = STA. 529+92.19 AH
 STA. 529+92.19 TO STA. 542+21.18
 STA EQ. 542+21.18 BK = STA. 542+49.20 AH
 STA. 542+49.20 TO STA. 577+21.88
 STA EQ. 577+21.88 BK = STA. 577+21.92 AH
 STA. 577+21.92 TO STA. 582+01.00

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINLINE TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	14
CONTRACT NO. 78748			ILLINOIS FED. AID PROJECT	

SHOULDER PAVING CONT

LOCATION STATION TO STATION JEFFERSON COUNTY	FOR INFORMATIONAL PURPOSE ONLY					HMA SUR. REMOVAL 2" *	HMA SUR. REMOVAL 2 1/2" *	HMA SUR. REMOVAL 2 3/4" *	HMA SHLDER (2 3/4") (TON)	AGG WEDGE SHLDER TYPE B (TON)	BIT. MATERIALS (TACK COAT) ** (POUNDS)	TEMP RAMP * (SQ YD)	
	LENGTH	LT PAVE SHLDER WIDTH (FT)	RT PAVE SHLDER WIDTH (FT)	AGGERGATE SHOULDER WIDTH LT & RT (FT)	(SQ. YD.)								
	(FT)	(FT)	(FT)	(FT)	(SQ. YD.)								
IL-15													
STA EQ 481+10.50 BK = STA. 481+00 AH													
481+00.00	TO	499+81.65	1,882	3.0	3.0			1,255	194		565		
STA EQ 499+81.65 BK = STA. 499+88.00 AH													
499+88.00	TO	502+00.00	212	3.0	3.0			142	22		64		
502+00.00	TO	504+18.93	219	5.0	5.0			244	38		110	11	
504+12.74	TO	505+13.76	GAP STR. SN 041-0102										
505+18.76	TO	511+75.00	657	5.0	5.0			730	113		329	11	
511+75.00	TO	529+92.22	1,818	3.0	3.0			1,212	187		546		
STA EQ 529+92.22 BK = STA. 529+92.19 AH													
529+92.19	TO	542+21.18	1,229	3.0	3.0			820	127		369		
STA EQ 542+21.18 BK = STA. 542+49.20 AH													
542+49.20	TO	577+21.88	3,473	3.0	3.0			2,316	357		1,042		
STA EQ 577+21.88 BK = STA. 577+21.92 AH													
577+21.92	TO	582+01.00	480	3.0	3.0			320	50		144	7	
SUB TOTAL								7,039	1,088		3,169	29	
TOTAL							412	17,482	17,549	5,535	118	16,143	102

SIDE ROAD SCHEDULE

LOCATION	EXIST. SURFACE	EP WIDTH (FT)	WIDTH AT 15' OFFSET (FT)	ROADWAY AREA (SQ YD)	HMA SUR. REMOVAL 2" * (SQ YD)	INCIDENTAL HMA SURFACING (2 3/4") (TON)	BIT. MAT. (TACK COAT) * (LBS)	NOTES				
									FOR INFORMATIONAL PURPOSE ONLY			
FAP 821 (IL. 15)												
LT. 384+00	FAIRFIELD RD	HMA	145	75	184	184	29	83				
SIDE ROAD TOTALS					184	29	83					

- * ADDITIONAL QUANTITIES, SEE RESURFACING SCHEDULES
 ** ADDITIONAL QUANTITIES, SEE RESURFACING & SIDE ROAD SCHEDULES

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PLOT DATE = 1/8/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT DELINEATION SCHEDULE
SIDE ROAD SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	17
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

RPM SCHEDULE

LOCATION STATION TO STATION				LENGTH (INFORMATION ONLY)	RAISED REFLECTIVE PVMT MARKERS ONE-WAY AMBER	RAISED REFLECTIVE PVMT MARKERS TWO-WAY AMBER	RAISED REFLECTIVE PVMT MARKERS ONE-WAY CRYSTAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	NOTES	
				FEET	EACH	EACH	EACH	EACH		
IL 15										
STA	20+66.25	TO STA	23+64.91	299		5		5	Straight Section	
STA	23+64.91	TO STA	47+53.07	2,389		61		61	Curve Section	
STA	47+53.07	TO STA	60+00.74	1,248	58	12	6	76	Intersection	
STA EQ 60+00.74 BK = STA. 60+99.77 AH										
STA	60+99.77	TO STA	62+28.43	129	4	6		10	Intersection	
STA	62+28.43	TO STA	120+72.65	5,845		75		75	Straight Section	
STA	120+72.65	TO STA	132+54.32	1,182		31		31	Curve Section	
STA EQ 132+54.32 BK = STA. 132+55.73 AH										
STA	132+55.73	TO STA	285+40.00	15,285		193		193	Straight Section	
STA	285+40.00	TO STA	304+45.00	GAP CN #78509						
STA	304+45.00	TO STA	380+95.52	7,651		97		97	Straight Section	
STA	380+95.52	TO STA	394+80.72	1,386		36		36	Curve Section	
STA EQ 394+80.72 BK = STA. 408+02.60 AH										
STA	408+02.60	TO STA	455+63.34	4,761		61		61	Straight Section	
STA	455+63.34	TO STA	459+46.87	384		11		11	Curve Section	
STA	459+46.87	TO STA	463+96.50	450		7		7	Straight Section	
STA	463+96.50	TO STA	464+43.50	GAP STR. SN 041-0028						
STA	464+43.50	TO STA	472+21.00	778		11		11	Straight Section	
STA EQ 472+21.00 BK = STA. 472+50.00 AH										
STA	472+50.00	TO STA	481+10.50	861		12		12	Straight Section	
STA EQ 481+10.50 BK = STA. 481+00.00 AH										
STA	481+00.00	TO STA	499+81.65	1,882		25		25	Straight Section	
STA EQ 499+81.65 BK = STA. 499+88.00 AH										
STA	499+88.00	TO STA	504+12.74	425		7		7	Straight Section	
STA	504+12.74	TO STA	505+13.26	GAP STR. SN 041-0102						
STA	505+13.26	TO STA	523+64.97	1,852		25		25	Straight Section	
STA	523+64.97	TO STA	529+92.22	628		17		17	Curve Section	
STA EQ 529+92.22 BK = STA. 529+92.19 AH										
STA	529+92.19	TO STA	530+09.97	18		2		2	Curve Section	
STA	529+92.19	TO STA	542+21.18	1,229		17		17	Straight Section	
STA EQ 542+21.18 BK = STA. 542+49.20 AH										
STA	542+49.20	TO STA	567+69.72	2,521		33		33	Straight Section	
STA	567+69.72	TO STA	577+21.88	953		25		25	Curve Section	
STA EQ 577+21.88 BK = STA. 577+21.92 AH										
STA	577+21.92	TO STA	580+93.92	372		6		6	Straight Section	
STA	580+93.92	TO STA	582+01.00	108		4		4	Curve Section	
SUB TOTALS						62	779	6		
TOTALS							847	847		

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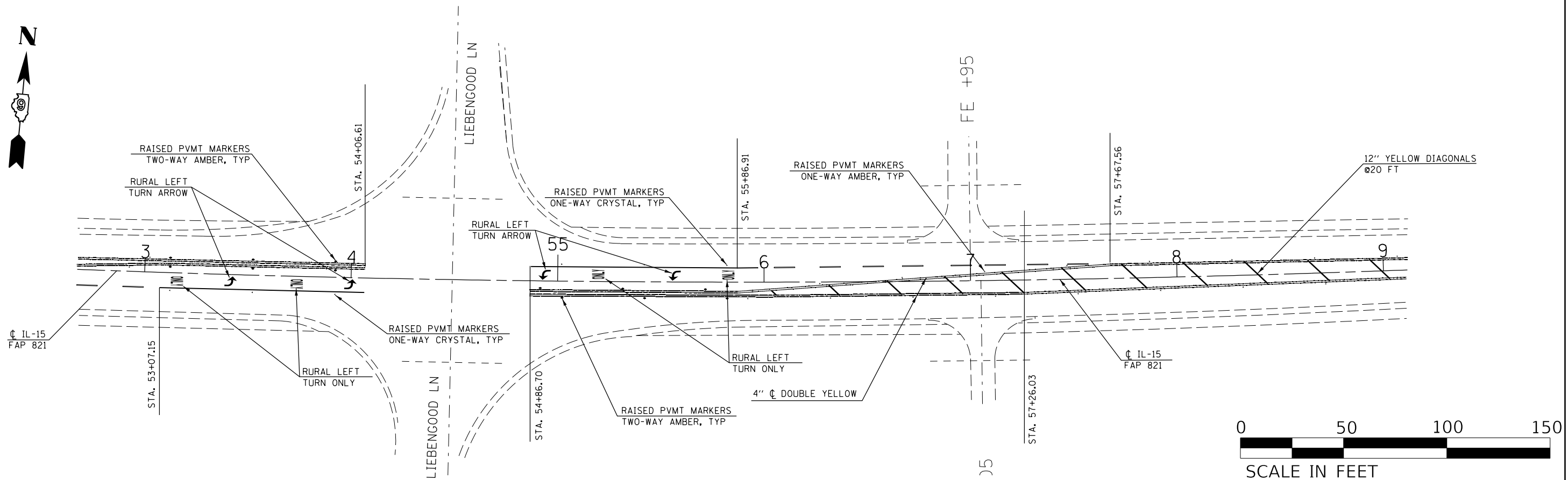
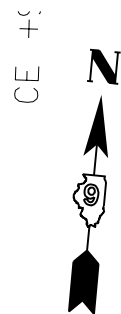
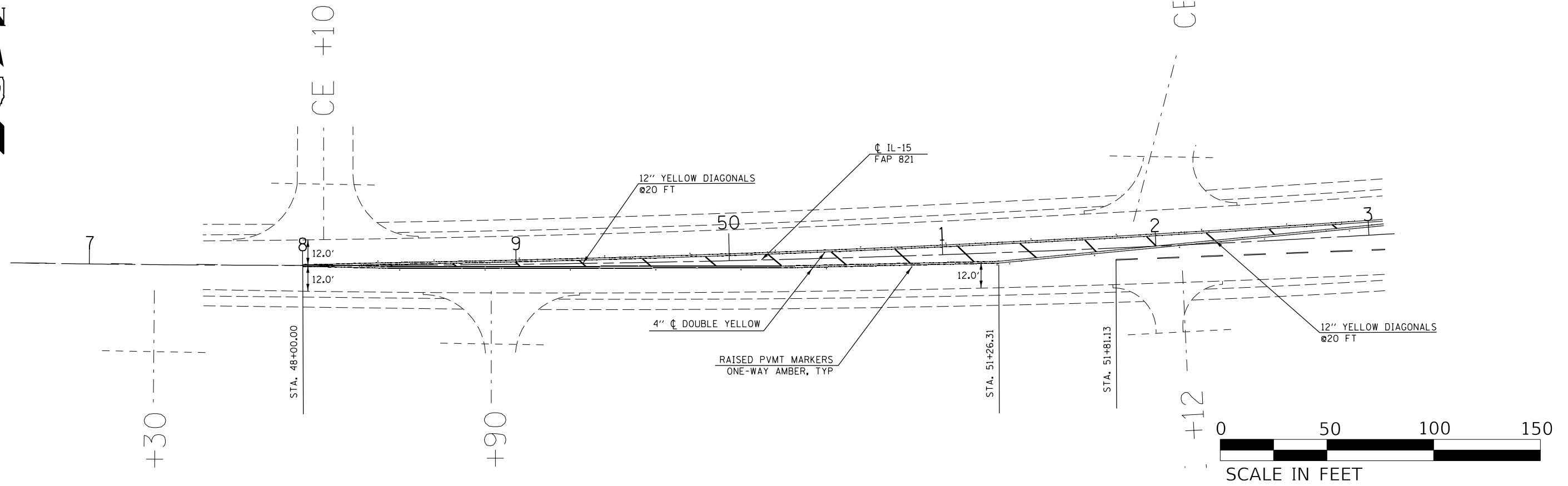
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT DELINEATION SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	18
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				



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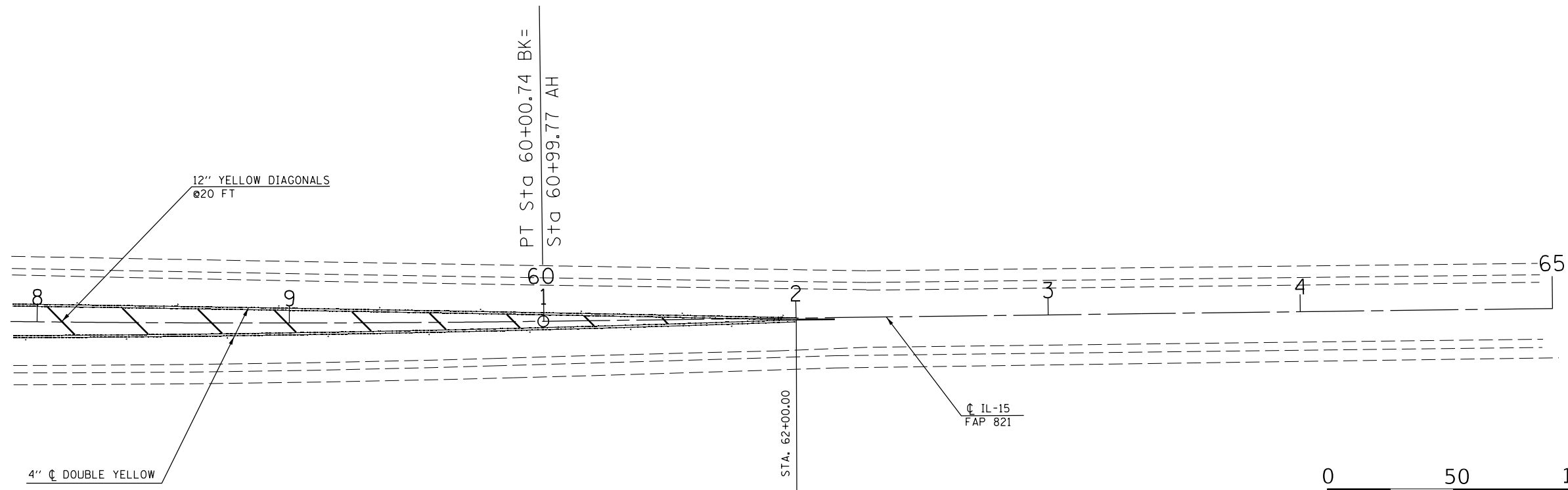
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PLOT DATE = 1/8/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAIL:
 INTERSECTION OF IL 15 & LIEBENGOOD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	21
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 1/8/2020	DATE -	REVISED -

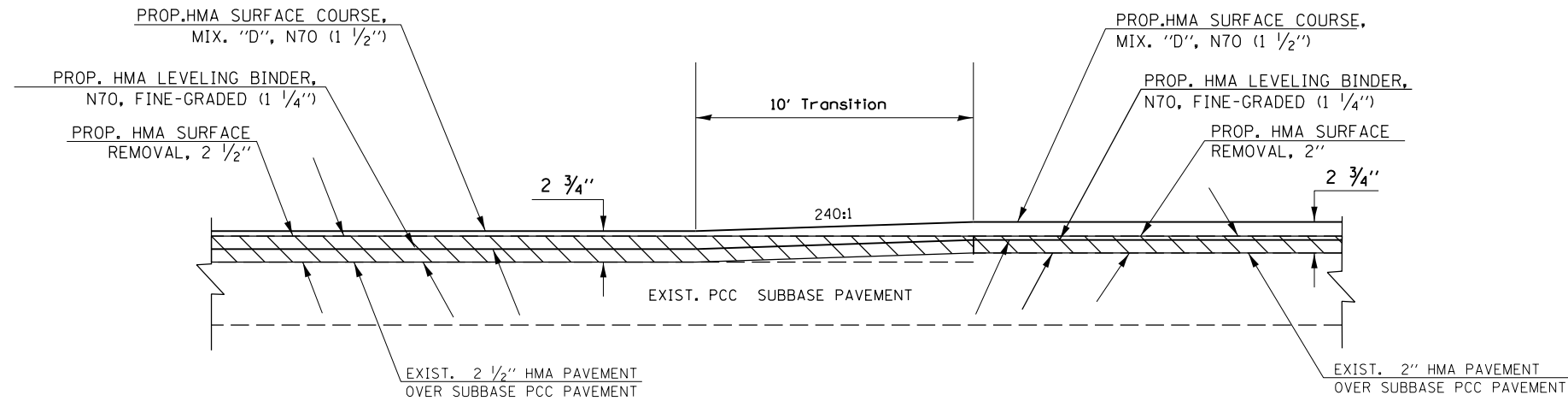
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL:
INTERSECTION OF IL 15 & LIEBENGOOD

SCALE: SHEET OF SHEETS STA. TO STA.

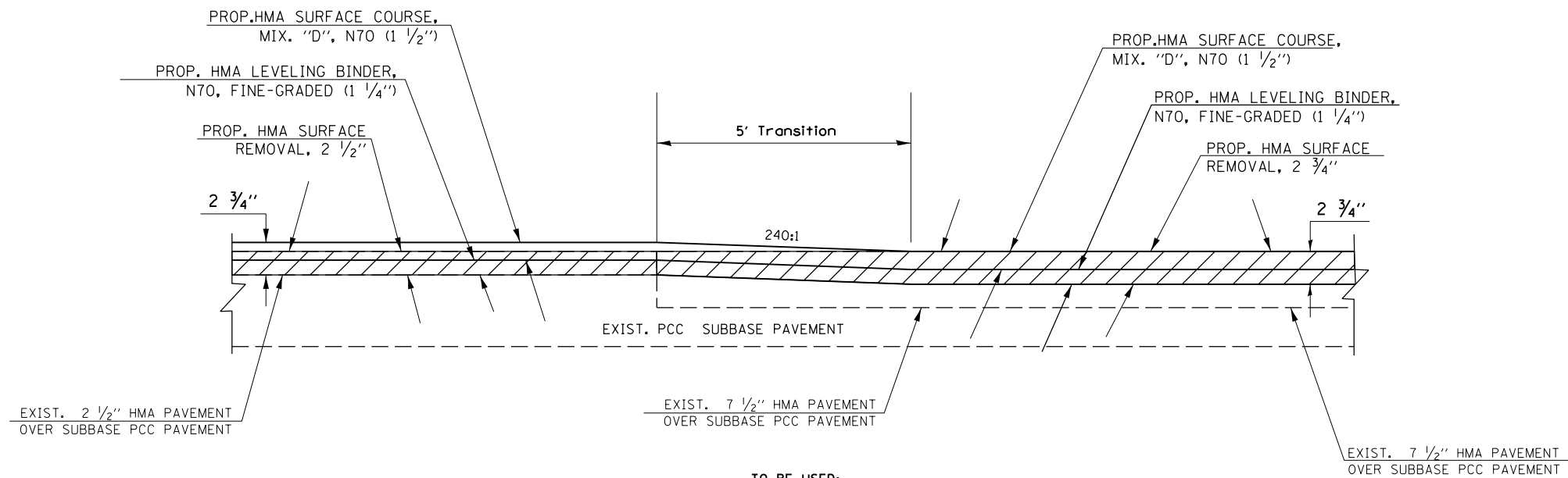
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821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	22
CONTRACT NO. 78748			ILLINOIS FED. AID PROJECT	

DETAIL FOR HMA TRANSITION



TO BE USED:
STA. 380+85.52 TO STA. 380+95.52

DETAIL FOR HMA TRANSITION



TO BE USED:
STA. 393+30.00 TO STA. 393+45.00

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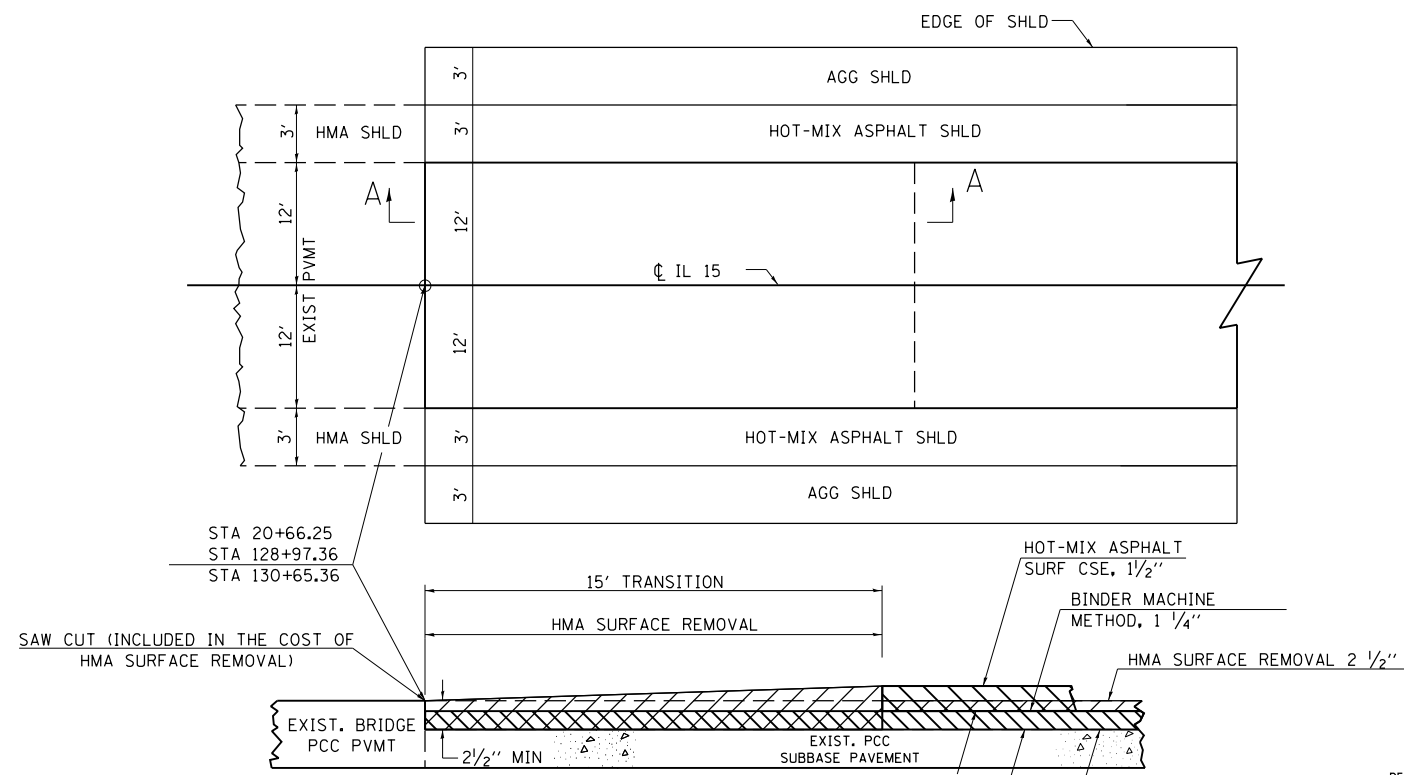
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TRANSITION DETAIL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	23
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

MILLING AT BRIDGES

N.T.S.



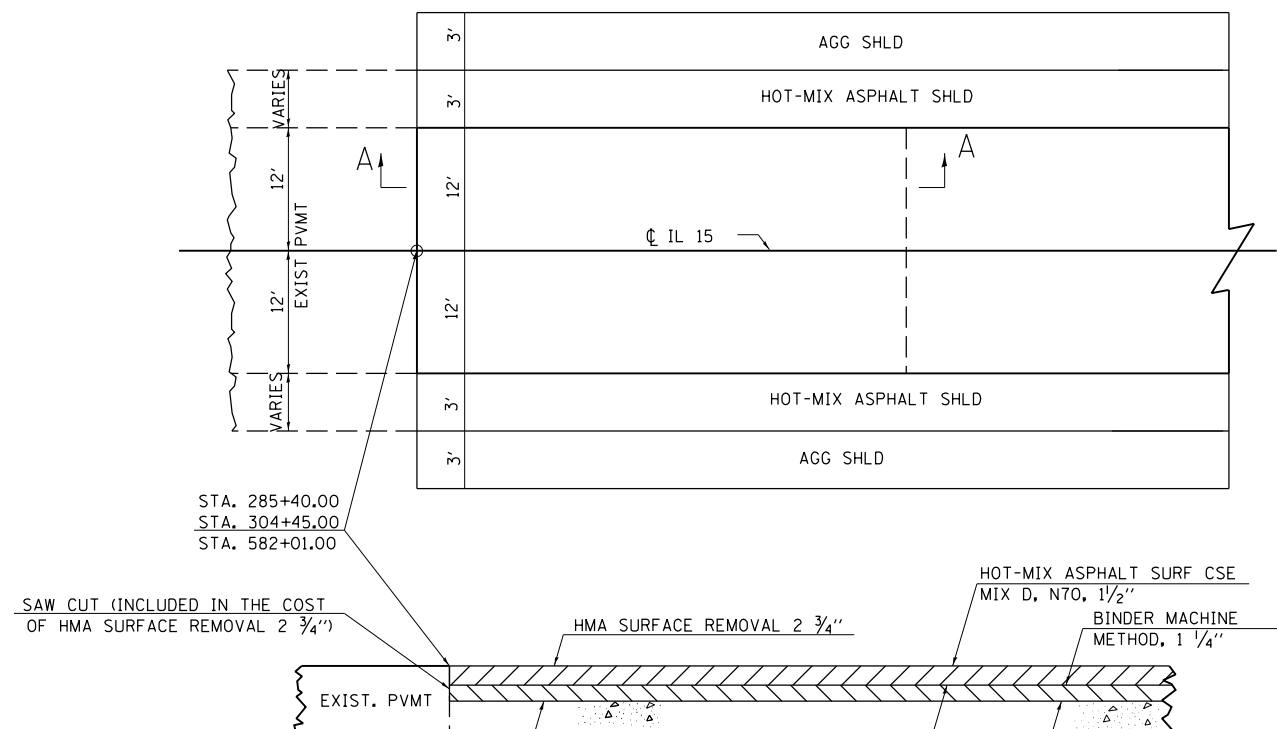
SECTION A-A

REVISIONS	
DRAWN	08-29-19
REVISION	
REVISION	
REVISION	

STD. 9-118

INLAY DETAIL

N.T.S.



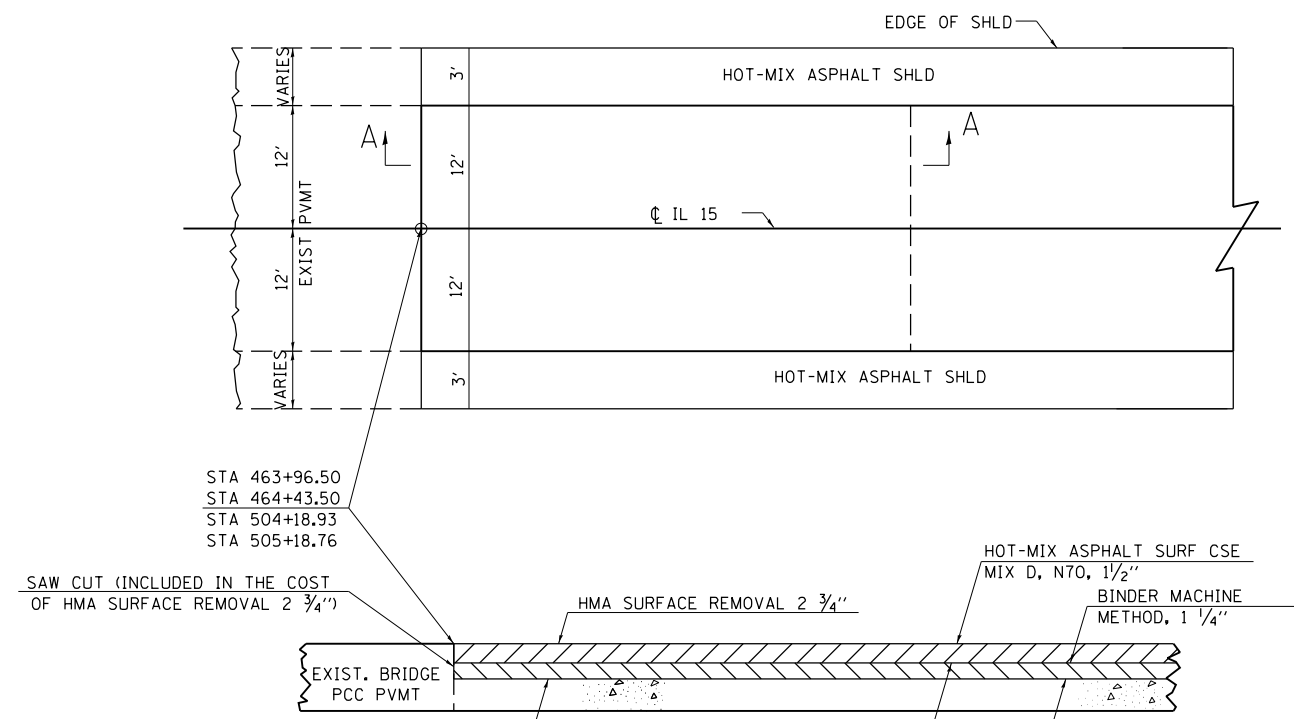
SECTION A-A

REVISIONS	
DRAWN	08-29-19
REVISION	
REVISION	
REVISION	

STD. 9-118

INLAY MILLING DETAIL AT BRIDGES

N.T.S.



SECTION A-A

REVISIONS	
DRAWN	08-29-19
REVISION	
REVISION	
REVISION	

STD. 9-118

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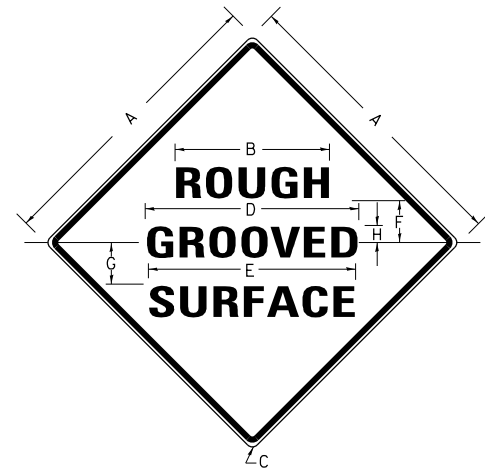
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT DETAIL
INLAY DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	24
CONTRACT NO. 78748				
ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

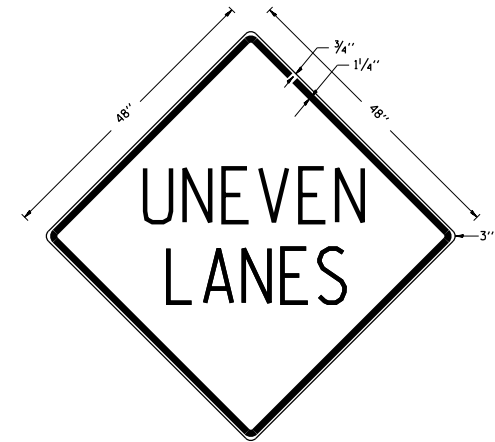
PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROUGH GROOVED SURFACE
UNEVEN LANE SIGN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(14-2,15-2,16-2,16)RS-3	JEFFERSON	25	25
			CONTRACT NO. 78748	
			ILLINOIS FED. AID PROJECT	