

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
81	36,44-5,37	JOHNSON	36	1
		ILLINOIS	CONTRACT NO. 78863	

*136,44-5,37)RS-7;38RS-7
*FAP 881/FAS 960

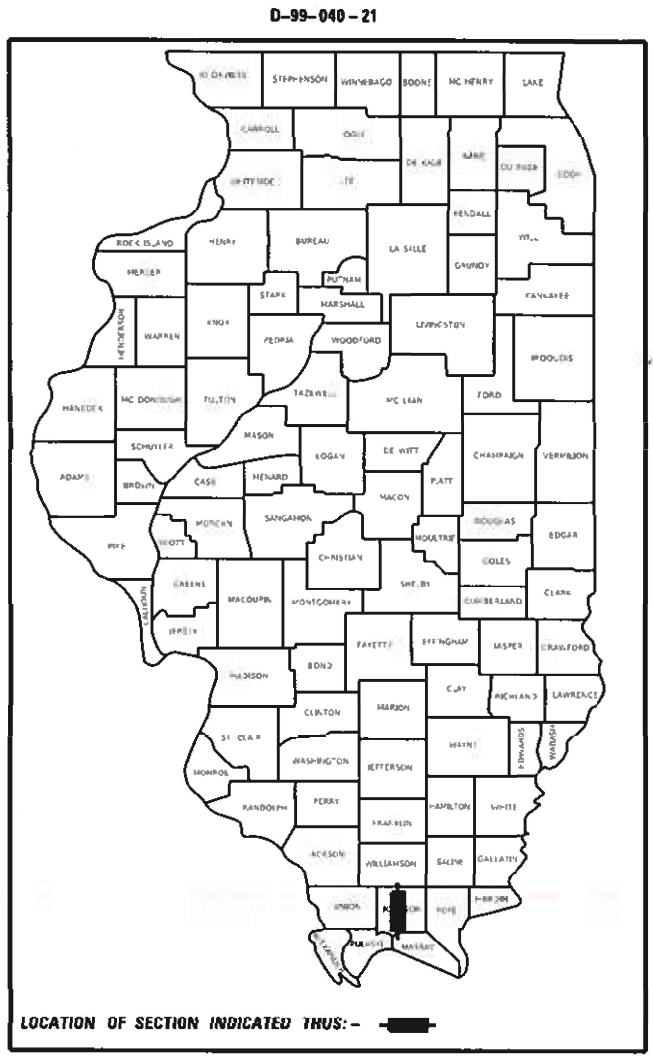
FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-8

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 881 / FAS ROUTE 960 (US 45)
SECTION (36,44-5,37)RS-7;38RS-7
PROJECT STP-QA2F(436)
RESURFACING
JOHNSON COUNTY

TRAFFIC DATA US 45 JOHNSON COUNTY

US 45: NEAR I-24 & IL 146 SOUTH				
LEG A: US 45 - NEAR I-24 INTERCHANGE				
LEG B: US 45 - SOUTH OF IL 146 INTERSECTION				
YEAR		LEG A	LEG B	
2019	ADT =	3,300 10.3% TRUCKS	1,500 12.7% TRUCKS	
2021	ADT =	3,370 10.4% TRUCKS	1,530 12.4% TRUCKS	
2041	ADT =	4,110 10.2% TRUCKS	1,870 12.6% TRUCKS	



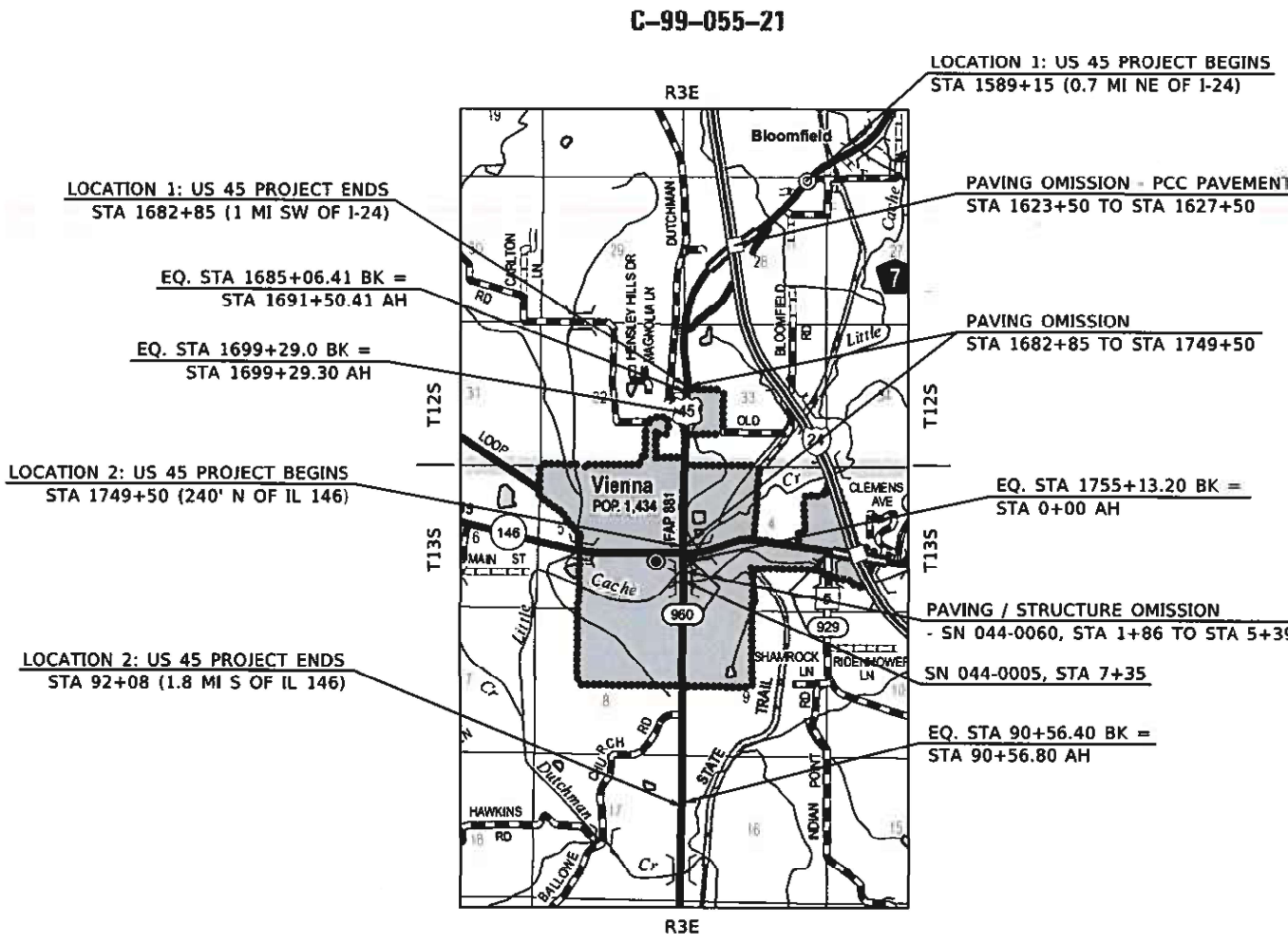
TOWNSHIPS
BLOOMFIELD, VIENNA

DESIGN DESIGNATION : N /A
COORDINATE SYSTEM : N /A
POSTED SPEED : 35,45,55 MPH

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

PROJECT ENGINEER: SUSAN POE
PROJECT DESIGNER: EHREN KIRBY

CONTRACT NO. 78863



GROSS LENGTH = 25,161.50 FT. = 4.7654 MILES
NET LENGTH = 18,387.80 FT. = 3.4825 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 08-19-2021
[Signature]

REGION FIVE ENGINEER

June 25, 2021
[Signature]

ENGINEER OF DESIGN AND ENVIRONMENT

June 25, 2021
[Signature]

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES,
	STATION EQUATIONS, PAVING OMISSIONS, AND MTD CROSSING RESTRICTIONS
4	HMA MIXTURE REQUIREMENTS
5-8	SUMMARY OF QUANTITIES
9-12	LOCATION 1 - TYPICAL SECTIONS: US 45
13-16	LOCATION 2 - TYPICAL SECTIONS: US 45
17-26	SCHEDULES OF QUANTITIES
27	DETAIL: US 45 & I-24 INTERCHANGE
28	DETAIL: US 45 / IL 146 INTERSECTION
29-31	DETAILS: LOCATION 1 : MAINLINE AND SHOULDER BUTT JOINT WITH MILLING, RESURFACING TRANSITIONS, SURFACE REMOVAL THROUGH EXISTING BUTT JOINTS, AND RESURFACING AT I-24 RAMPS
32	DETAILS: LOCATION 2 : MAINLINE INLAY DETAIL, RESURFACING TRANSITIONS, AND SURFACE REMOVAL THROUGH EXISTING BUTT JOINTS
33	DETAILS: SAWCUT AND JOINT SEALER, AND TEMPORARY RAMP AT SIDEROAD
34	DETAILS: LOCATION 1 (NEAR I-24): SIDEROAD AND ENTRANCE
35	DETAILS: LOCATION 2 (NEAR IL 146): SIDEROAD AND ENTRANCE
36	DETAILS: ROUGH GROOVED SURFACE, UNEVEN LANES SIGN, AND TEMPORARY HMA TRANSITIONS

HIGHWAY STANDARDS

- 000001-08_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001
- 001001-02_AREASOFREINFREBARS
- 001006_DECIMALOFINCH&FOOT
- 442101-09_CLASSBPATCHES
- 442201-03_CLASSCDPATCHES
- 606001-07_CONCURBTYP&COMBOCONCC&G
- 701001-02_OFFRDOP-2L2W-15FTMINFROMEOP
- 701006-05_OFFRDOP-2L2W-15FTTOEOP
- 701011-04_OFFRDMOVINGOP-2L2W-DAYONLY
- 701301-04_LNCLOSURE2L2W-SHORTTIMEOP
- 701306-04_LNCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE
- 701311-03_LNCLOSURE2L2W-MOVINGOPDAYONLY
- 701336-07_LNCLOSURE2L2W-WORKAREASINERIES45MPHORMORE
- 701501-06_URBANLNCLOSURE2L2W-UNDIVIDED
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701901-08_TRAFCNTRLDEVICES
- 780001-05_TYPICALPVMTRKINGS
- 781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS
- 606301-04_PC CONCRETE ISLANDS AND MEDIANS

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 ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 10%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

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, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

AT SN 044-0005, THE EXISTING HMA WEARING SURFACE MAY VARY IN THICKNESS, THE EXISTING WATERPROOFING MEMBRANE SHALL STAY IN PLACE DURING THE HMA SURFACE REMOVAL OPERATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DAMAGE THAT MAY OCCUR TO THE WATERPROOFING MEMBRANE DURING THE MILLING OPERATIONS SO ADJUSTMENTS MAY BE MADE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA SURFACE REMOVAL, 1 1/2".

COMMITMENTS: NONE

STATION EQUATIONS

EQ. STA 1685+06.41 BK = STA 1691+50.41 AH
EQ. STA 1699+29.00 BK = STA 1699+29.30 AH
EQ. STA 1755+13.20 BK = STA 0+00.00 AH
EQ. STA 90+56.40 BK = STA 90+56.80 AH

PAVING OMISSIONS

STA 1623+50 TO STA 1627+50
STA 1682+85 TO STA 1749+50
STA 1+86 TO STA 5+39

MTD CROSSING RESTRICTIONS TABLE

ROUTE (US 45) SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT FOOT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT FOOT	MTD CROSSING RESTRICTIONS
SN 044-7034	STA 1603+82	6.5	0.88	Emptied - Max Gross Weight = 40 Tons
SN 044-7035	STA 1607+98	5.3	0.88	Emptied - Max Gross Weight = 40 Tons
SN 044-7036	STA 1613+00	5.7	0.88	Emptied - Max Gross Weight = 40 Tons
SN 044-7037	STA 1631+68	6.2	0.88	Emptied - Max Gross Weight = 40 Tons
SN 044-0060	STA 3+71	N/A	N/A	Emptied - Max Gross Weight = 40 Tons
SN 044-0005	STA 7+35	N/A	N/A	Emptied - Max Gross Weight = 40 Tons
SN 044-7039	STA 18+71	2.0	1.1	Emptied - Max Gross Weight = 40 Tons
SN 044-7040	STA 72+65	1.6	1.1	Emptied - Max Gross Weight = 40 Tons

REV. - MS

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DATE: 4/21/2021

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DRAWN -	REVISED -	*			**	JOHNSON	36	3		
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PLOT DATE = 4/21/2021	DATE -	REVISED +			SCALE: SHEET OF SHEETS STA. TO STA.					

**(36,44-5,37)RS-7:38RS-7

*FAP 881/FAS 960

HMA MIXTURE REQUIREMENTS TABLES

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

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

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

Location(s):	Incidental HMA and Sideroads
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 70 Gyraton Design
(Mixture Gradation)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

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

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SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

COUNTY:	JOHNSON CO
ROUTE:	US 45
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY:	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	47,686	47,686
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	479	479
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	15	15
40600990	TEMPORARY RAMP	SQ YD	666	666
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	3,957	3,957
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4,760	4,760
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	99	99
42001300	PROTECTIVE COAT	SQ YD	295	295
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	9,827	9,827
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	35,249	35,249
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	27,553	27,553
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	3,323	3,323
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	680	680
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	47	47

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** (36,44-5,37)RS-7;38RS-7 *FAP 881/FAS 960

SUMMARY OF QUANTITIES - CONT

COUNTY:	JOHNSON CO
ROUTE:	US 45
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44201298	DOWEL BARS 1 1/4"	EACH	112	112
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	221	221
44201369	CLASS C PATCHES, TYPE III, 11 INCH	SQ YD	79	79
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	30	30
44213200	SAW CUTS	FOOT	244	244
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	11,026	11,026
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	189	189
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,718	2,718
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	680	680
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	915	915
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1

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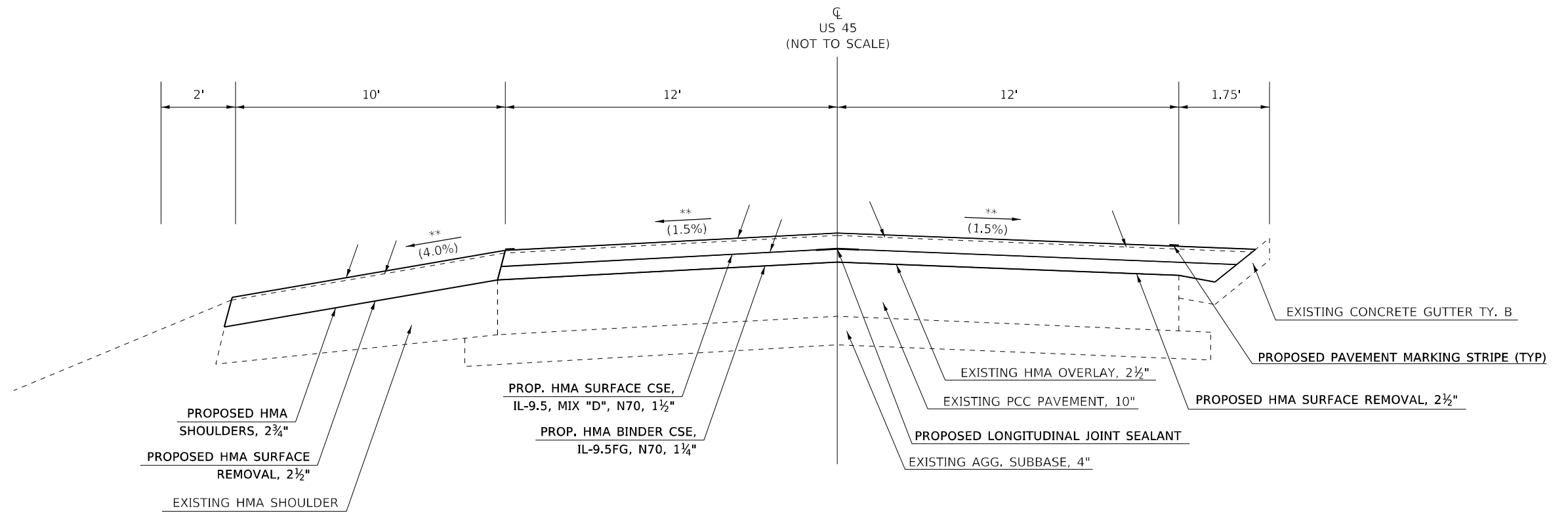
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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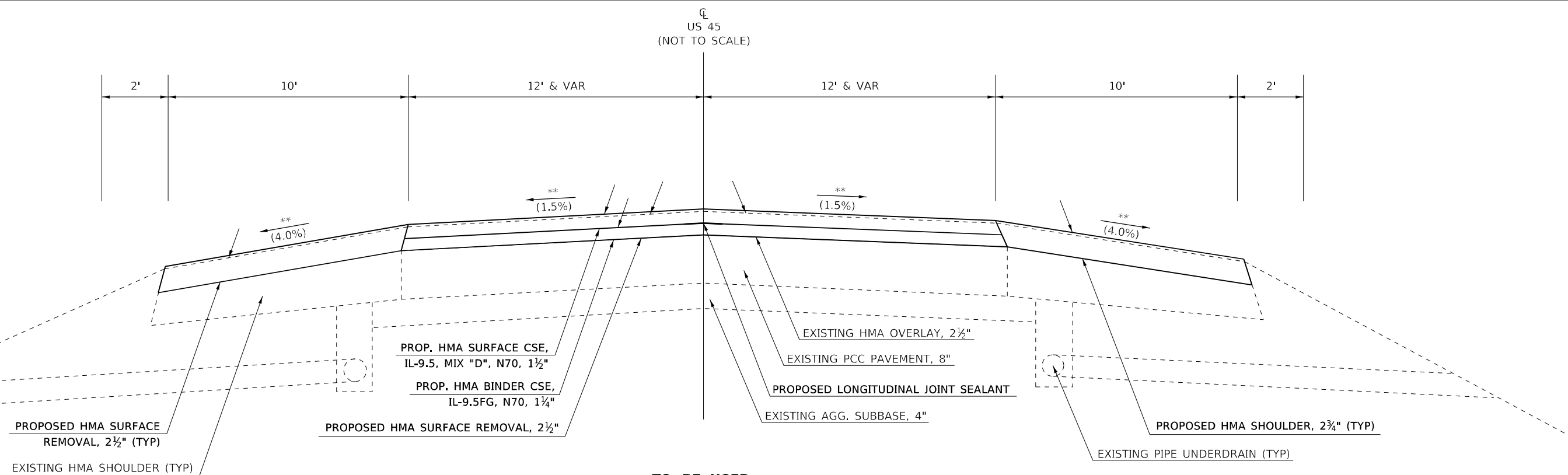
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	**	JOHNSON	36	6
			CONTRACT NO. 78863	



TO BE USED

STA 1589+15 TO STA 1595+00

**** MATCH EXISTING**



TO BE USED

STA 1595+00 TO STA 1613+87

**** MATCH EXISTING**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1 - TYPICAL SECTION

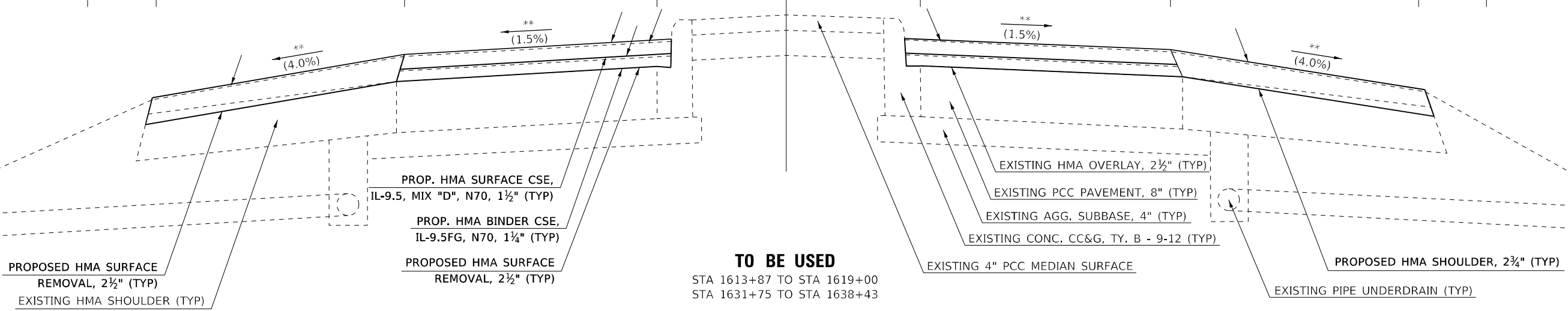
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CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

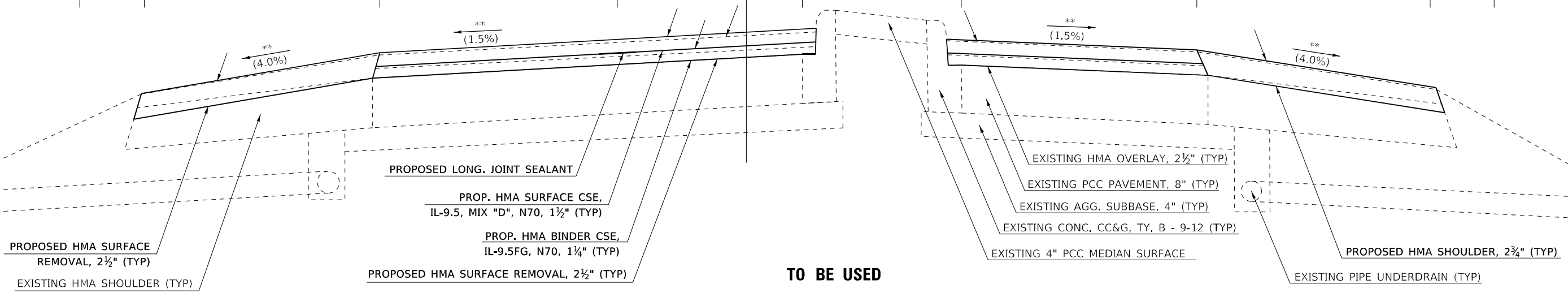
*(36,44-5,37)RS-7;3BR5-7

*FAP 881/FAS 960

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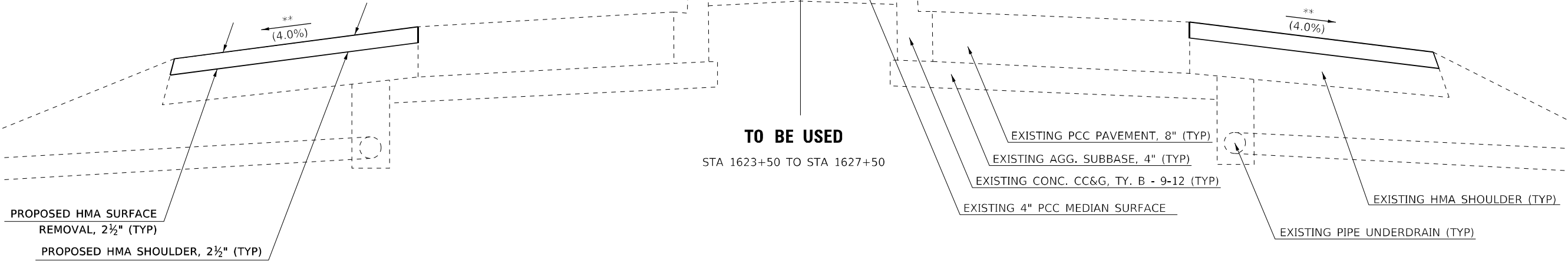
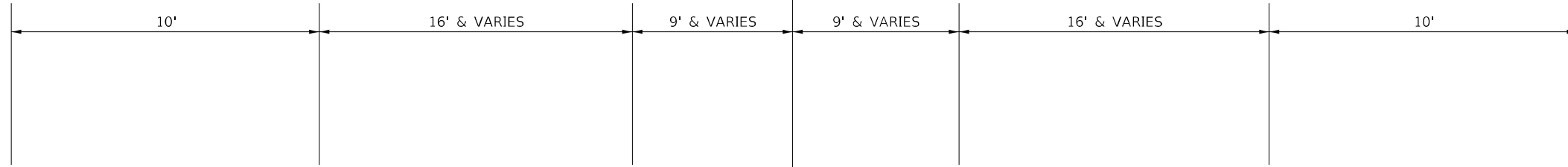
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 1 - TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	10
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

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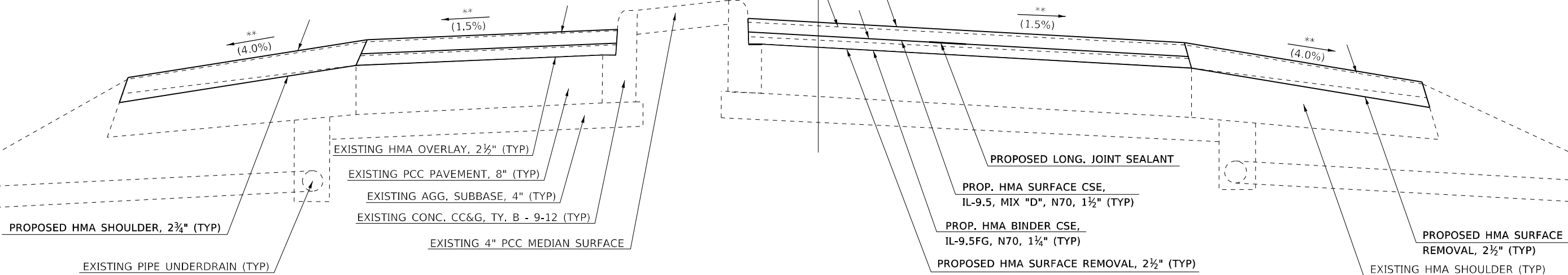
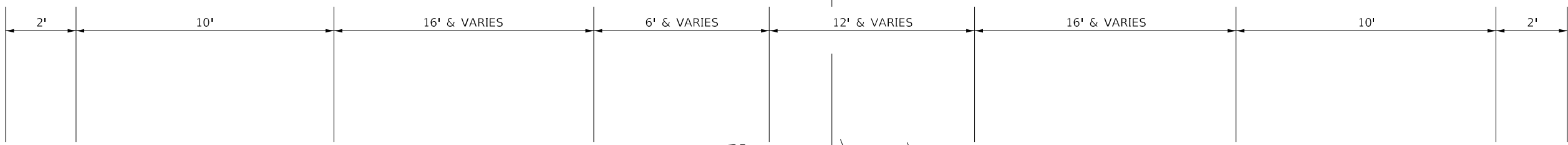
TO BE USED
STA 1623+50 TO STA 1627+50

EXISTING PCC PAVEMENT, 8" (TYP)
EXISTING AGG. SUBBASE, 4" (TYP)
EXISTING CONC. CC&G, TY. B - 9-12 (TYP)
EXISTING 4" PCC MEDIAN SURFACE
EXISTING HMA SHOULDER (TYP)
EXISTING PIPE UNDERDRAIN (TYP)

PROPOSED HMA SURFACE
REMOVAL, 2½" (TYP)
PROPOSED HMA SHOULDER, 2½" (TYP)

** MATCH EXISTING

CL
US 45
(NOT TO SCALE)



TO BE USED
STA 1627+50 TO STA 1631+75

PROPOSED LONG. JOINT SEALANT
PROP. HMA SURFACE CSE,
IL-9.5, MIX "D", N70, 1½" (TYP)
PROP. HMA BINDER CSE,
IL-9.5FG, N70, 1¼" (TYP)
PROPOSED HMA SURFACE REMOVAL, 2½" (TYP)

EXISTING HMA OVERLAY, 2½" (TYP)
EXISTING PCC PAVEMENT, 8" (TYP)
EXISTING AGG. SUBBASE, 4" (TYP)
EXISTING CONC. CC&G, TY. B - 9-12 (TYP)
EXISTING 4" PCC MEDIAN SURFACE

PROPOSED HMA SHOULDER, 2¾" (TYP)
EXISTING PIPE UNDERDRAIN (TYP)

PROPOSED HMA SURFACE
REMOVAL, 2½" (TYP)
EXISTING HMA SHOULDER (TYP)

** MATCH EXISTING

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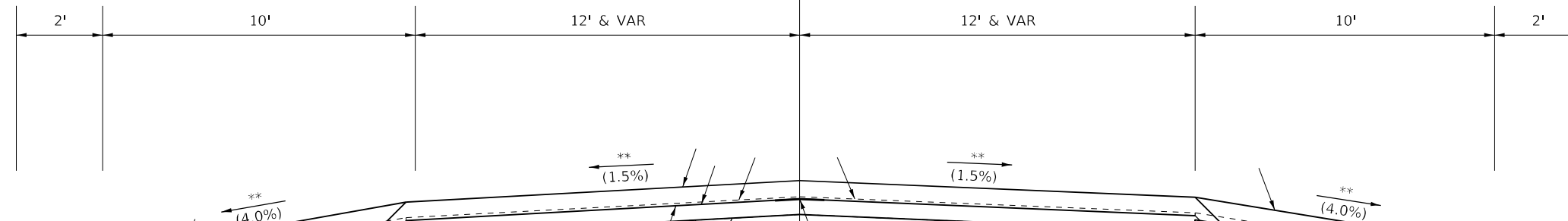
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1 - TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	11
CONTRACT NO. 78863				

CL
US 45
(NOT TO SCALE)



PROPOSED HMA SURFACE REMOVAL, 3/4" (TYP)
EXISTING HMA SHOULDER (TYP)

PROPOSED HMA SURFACE REMOVAL, 1 1/2"

PROP. HMA SURFACE CSE, IL-9.5, MIX "D", N70, 1 1/2" (TYP)
PROP. HMA BINDER CSE, IL-9.5FG, N70, 1 1/4" (TYP)

EXISTING HMA OVERLAY, 2 1/2"
EXISTING PCC PAVEMENT, 8"
PROPOSED LONGITUDINAL JOINT SEALANT
EXISTING AGG. SUBBASE, 4"

PROPOSED HMA SHOULDER, 2" (TYP)
EXISTING PIPE UNDERDRAIN (TYP)

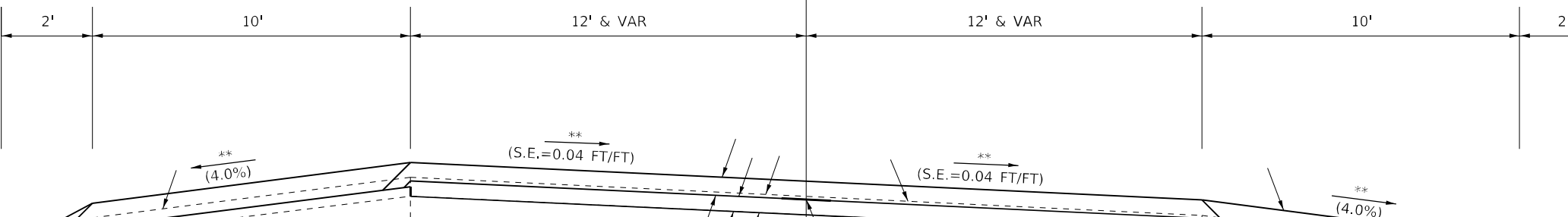
PROPOSED AGG. WEDGE SHOULDERS TY. B (TYP)

TO BE USED

STA 1638+43 TO STA 1679+90

**** MATCH EXISTING**

CL
US 45
(NOT TO SCALE)



PROPOSED AGG. WEDGE SHOULDERS TY. B (TYP)
PROPOSED HMA SURFACE REMOVAL, 3/4" (TYP)
EXISTING HMA SHOULDER (TYP)

PROPOSED HMA SURFACE REMOVAL, 1 1/2"

EXISTING HMA BASE COURSE WIDENING, 8"

PROP. HMA SURFACE CSE, IL-9.5, MIX "D", N70, 1 1/2" (TYP)
PROP. HMA BINDER CSE, IL-9.5FG, N70, 1 1/4" (TYP)

EXISTING HMA OVERLAY, 3" MIN.
EXISTING PCC PAVEMENT, 8"
EXISTING AGG. SUBBASE, 4"

PROPOSED LONGITUDINAL JOINT SEALANT

PROPOSED HMA SHOULDER, 2" (TYP)
EXISTING PIPE UNDERDRAIN (TYP)

TO BE USED

STA 1679+90 TO STA 1682+60

**** MATCH EXISTING**

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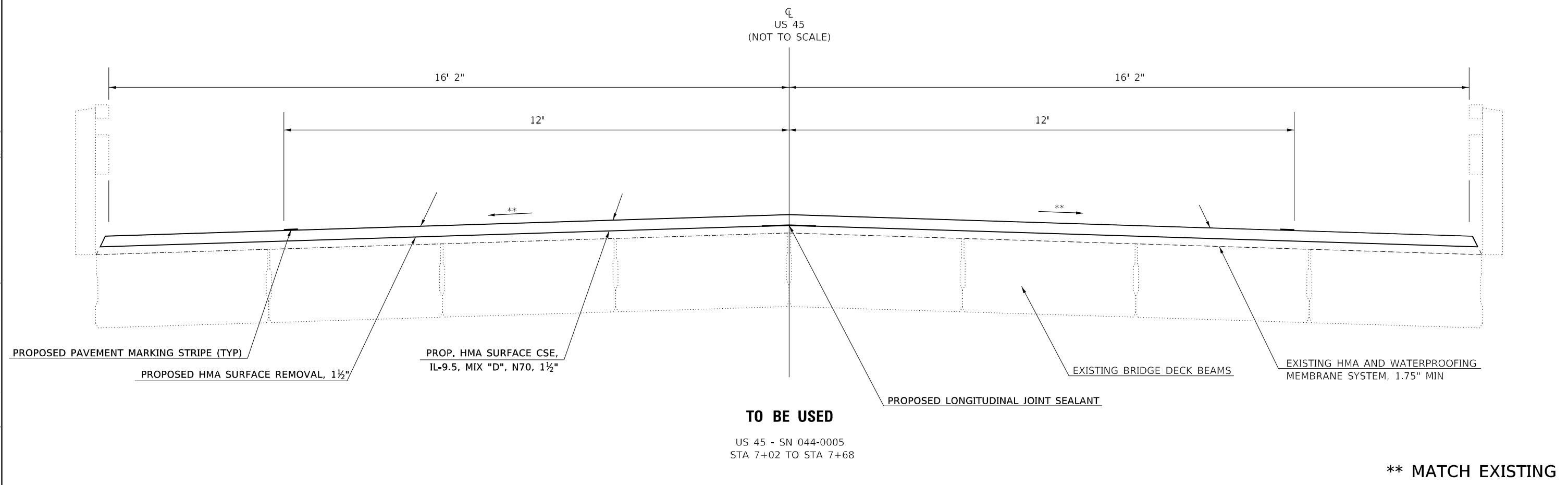
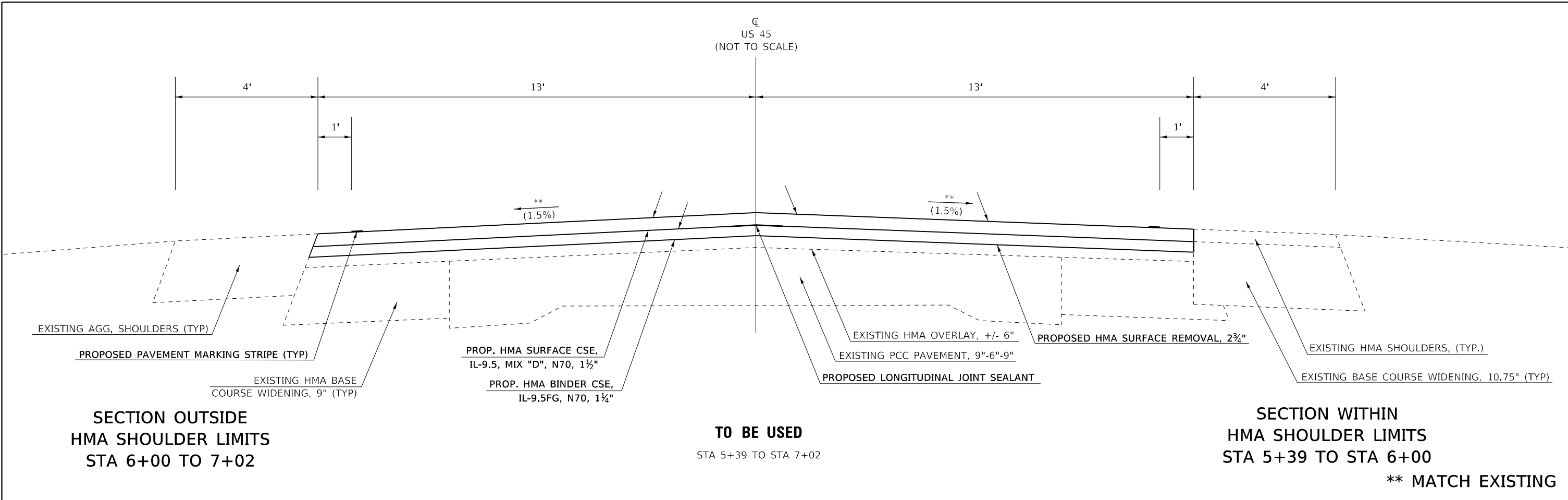
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1 - TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	12
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				



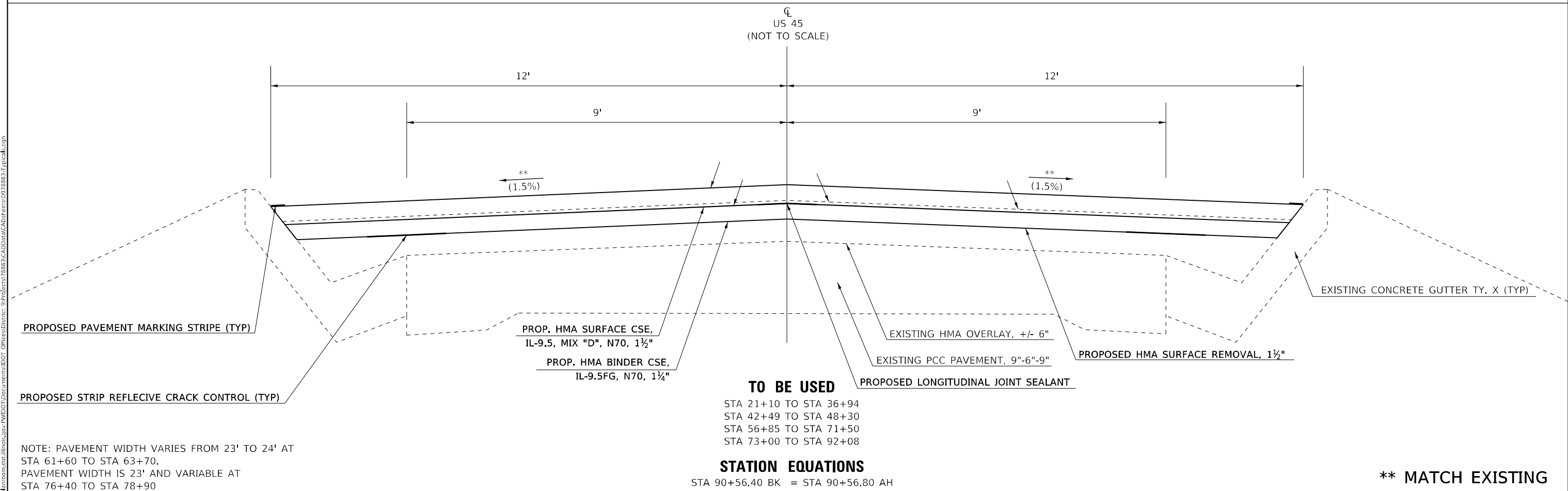
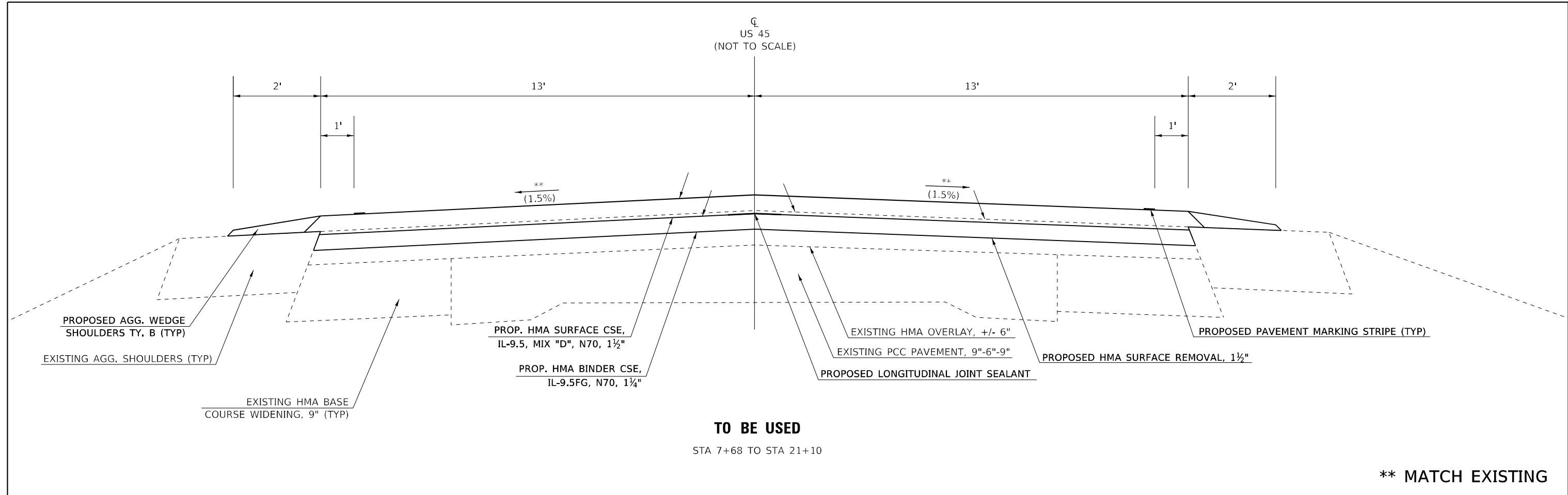
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PLOT DATE = 4/21/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 - TYPICAL SECTION				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	14
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				



NOTE: PAVEMENT WIDTH VARIES FROM 23' TO 24' AT STA 61+60 TO STA 63+70. PAVEMENT WIDTH IS 23' AND VARIABLE AT STA 76+40 TO STA 78+90

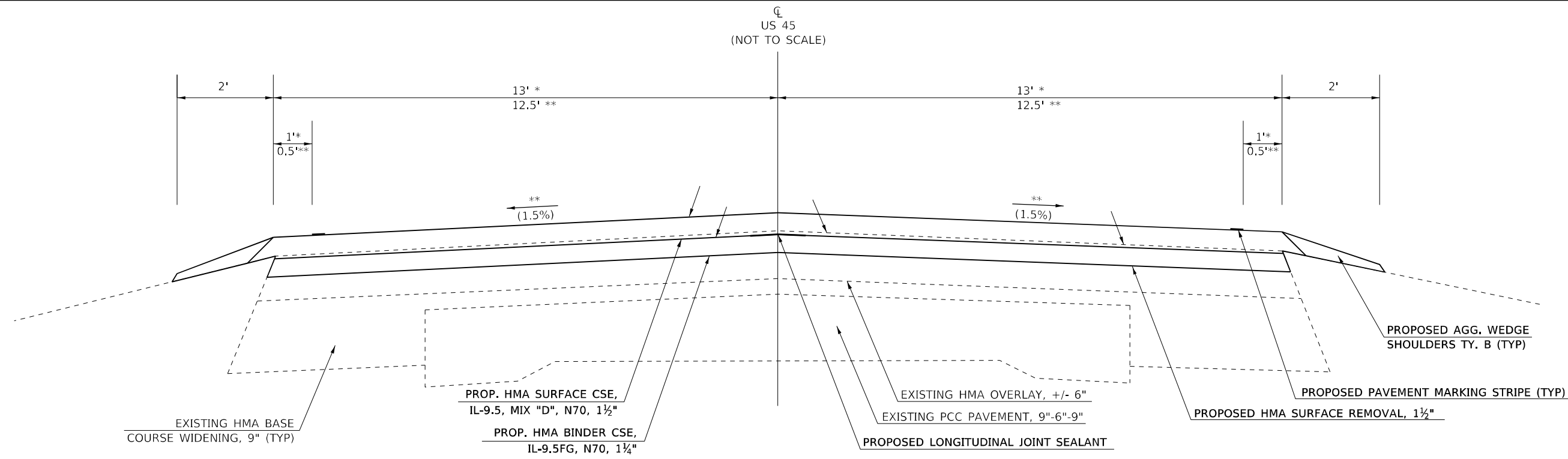
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 PROJECT: 78863

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DRAWN -	REVISOR -	DATE -
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PLOT DATE = 4/21/2021	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

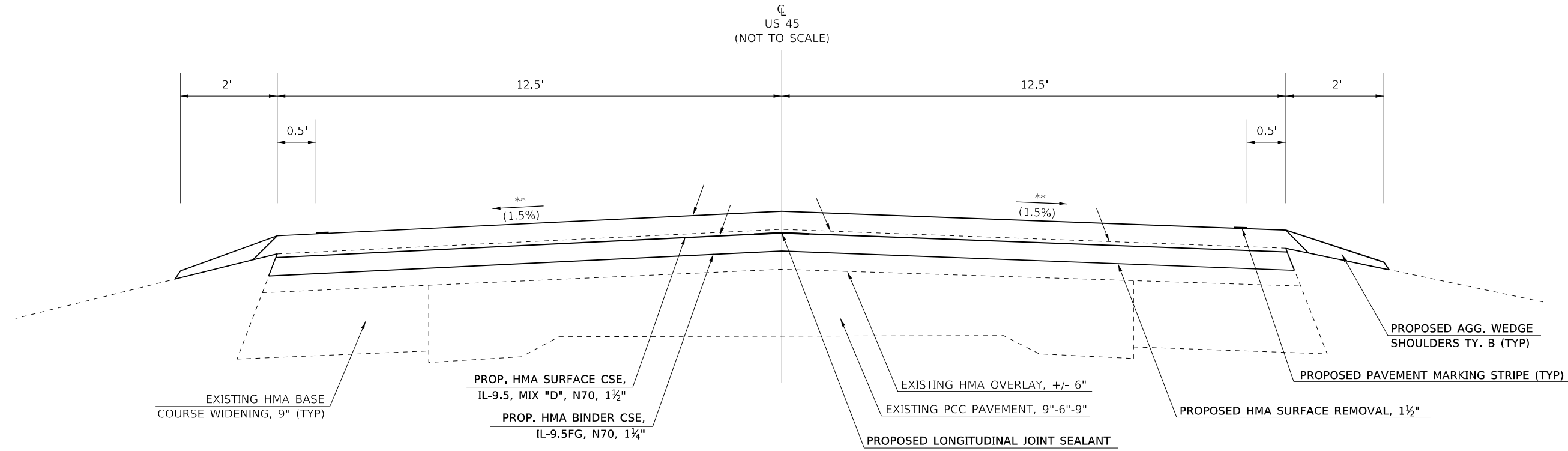
LOCATION 2 - TYPICAL SECTION				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	15
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				



TO BE USED
 * STA 36+94 TO STA 42+49
 ** STA 71+50 TO STA 73+00

**** MATCH EXISTING**



TO BE USED
 STA 48+30 TO STA 56+85

**** MATCH EXISTING**

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PLOT DATE = 4/21/2021	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 2 - TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	16
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION STATION TO STATION							LENGTH	ROADWAY WIDTH	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	PCC SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - BUTT JOINT *	HMA SURF. COURSE, IL-9.5, MIX "D", N70	HMA BINDER COURSE IL-9.5 FG, N70	BITUM. MAT. (TACK COAT) *	TEMP. RAMP *	REMARKS	
							FOR INFORM. PURPOSES ONLY		(1 1/2")	(2 1/2")	(2 3/4")			(1 1/2")	(1 1/4")	*			
							FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	LBS	SQ YD		
US 45 - LOCATION 1 (NEAR I-24 INT.)																			
STA	1589+15.00		TO	STA	1595+00.00		585.0	25.5			1644		15		140	117	1119	41	
STA	1595+00.00		TO	STA	1608+00.00		1300.0	24			3467				293	245	2340		
STA	1608+00.00		TO	STA	1612+35.00		435.0	VARIES 24-32			1286				109	92	872		
STA	1612+35.00		TO	STA	1614+15.00		180.0	VARIES 31-32			632				54	45	428		
STA	1614+15.00		TO	STA	1618+78.00		463.0	VARIES 36-32			1800				152	128	1219		
STA	1618+78.00		TO	STA	1619+71.00		93.0	50			517				44	37	350		
STA	1619+71.00		TO	STA	1622+00.00		229.0	44			1171				99	83	793		
STA	1622+00.00		TO	STA	1623+50.00		150.0	VARIES 44-37			506		223		62	52	494	21	
GAP PCC PAVEMENT- STA 1623+50 TO STA 1627+50																			
STA	1627+50.00		TO	STA	1628+75.00		125.0	VARIES 38-44			388		223		52	44	414	22	
STA	1628+75.00		TO	STA	1631+15.00		240.0	44			1227				104	87	831		
STA	1631+15.00		TO	STA	1632+12.00		97.0	50			539				46	38	365		
STA	1632+12.00		TO	STA	1636+75.00		463.0	VARIES 32-36			1807				153	128	1224		
STA	1636+75.00		TO	STA	1638+43.00		168.0	VARIES 32-31			589				50	42	399		
STA	1638+43.00		TO	STA	1642+75.00		432.0	VARIES 32-24	1275						108	90	861		
STA	1642+75.00		TO	STA	1682+85.00		4010.0	24	10694						905	760	7306	38	
I - 24 RAMP																			
STA	10+25.00		TO	STA	11+15.00		90.0			381				32	27	257	26		I - 24 RAMP "A"
STA	25+20.00		TO	STA	26+18.00		98.0			457				39	32	309	26		I - 24 RAMP "B"
STA	10+25.00		TO	STA	11+13.00		88.0			375				32	27	253	26		I - 24 RAMP "C"
STA	25+20.00		TO	STA	25+93.00		73.0			417				35	30	282	31		I - 24 RAMP "D"
US 45 - LOCATION 2 (NEAR US 45 / IL 146 INT.)																			
STA	1749+50.00		TO	STA	1751+00.00		150.0	26		434				37	31	293	41		
US 45 / IL 146 INTERSECTION							VARIES	VARIES			1162			98	82	784	131		
STA	1752+65.00		TO	STA	1755+13.20		248.2	26		718				61	51	484			
EQ	STA	1755+13.20	BK	=	STA	0+00.00	AH												
STA	0+00.00		TO	STA	1+86.00		186.0	26		538				46	38	363	41		
OMISSION - STA 1+86 TO STA 5+39																			
STA	5+39.00		TO	STA	7+02.00		163.0	26		471				40	33	318	41		SN 044-0060
STA	7+02.00		TO	STA	7+68.00		66.0	32.33	238					20		107	15		RESURF. SN 044-0005
STA	7+68.00		TO	STA	21+10.00		1342.0	26	3877					327	272	2621			
STA	21+10.00		TO	STA	36+94.00		1584.0	24	4224					357	296	2856			
STA	36+94.00		TO	STA	42+49.00		555.0	26	1604					136	113	1084			
STA	42+49.00		TO	STA	48+30.00		581.0	24	1550					131	109	1048			
STA	48+30.00		TO	STA	56+85.00		855.0	25	2375					201	167	1606			
STA	56+85.00		TO	STA	71+50.00		1465.0	24	3907					330	274	2641			
STA	71+50.00		TO	STA	73+00.00		150.0	25	417					36	30	282			
STA	73+00.00		TO	STA	90+56.40		1756.4	24	4684					396	328	3167			
EQ	STA	90+56.40	BK	=	STA	90+56.80	AH												
STA	90+56.80		TO	STA	92+08.00		151.2	24	404					35	29	273	38		
TOTALS									35249	17203	3323	15	446	4760	3957	38043	538		

* ADDITIONAL QUANTITIES SEE SHOULDER, PARTIAL DEPTH PATCHING, ENTRANCE, AND SIDEROAD SCHEDULE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	17
			CONTRACT NO. 78863	

*(36,44-5,37)RS-7;3BR5-7

*FAP 881/FAS 960

SHOULDER SCHEDULE

LOCATION	LENGTH	HMA / AGG SHOULDER LOCATION	HMA SHOULDER WIDTH	AGG. SHOULDER WIDTH	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL - BUTT JOINT *	HMA SHOULDERS			BITUM. MAT. (TACK COAT) *	TEMP. RAMP *	AGG. WEDGE SHLDR TY. B *	REMARKS							
								FOR INFORMATIONAL PURPOSES ONLY							3/4"	2 1/2"	(2")	(2 1/2")	(2 3/4")		
								FT	LT/RT/BOTH	FT					FT	SQ YD	SQ YD	SQ YD	TON	TON	TON
US 45 - LOCATION 1 (NEAR I-24 INT.)																					
STA	1589+15.00		TO	STA	1595+00.00		585.0	LEFT	10	2		124	6			101	293	11			
STA	1595+00.00		TO	STA	1623+50.00		2,850.0	BOTH	10	2		6325				922	2692				
STA	1623+50.00		TO	STA	1627+50.00		400.0	BOTH	10	2		889		125		400					
STA	1627+50.00		TO	STA	1638+38.00		1,088.0	BOTH	10	2		2124				328	956				
STA	1638+38.00		TO	STA	1682+60.00		4,422.0	BOTH	10	2	9827			1101		4422		16	98		
STA	1682+60.00		TO	STA	1682+85.00		25.0	BOTH		2									1		
I-24 RAMPS																					
STA	10+25.00		TO	STA	11+15.00		158.0	RIGHT	VARIES 10-12			191				30	86	11	2	I-24 RAMP "A"	
STA	10+25.00		TO	STA	11+15.00		108.0	LEFT	4			64				10	29	5	2	I-24 RAMP "A"	
STA	25+20.00		TO	STA	26+18.00		168.0	RIGHT	VARIES 10-12			212				33	96	11	2	I-24 RAMP "B"	
STA	25+20.00		TO	STA	26+18.00		104.0	LEFT	4			60				10	27	5	2	I-24 RAMP "B"	
STA	10+25.00		TO	STA	11+13.00		130.0	RIGHT	10			142				22	64	11	2	I-24 RAMP "C"	
STA	10+25.00		TO	STA	11+13.00		94.0	LEFT	4			42				7	19	5	1	I-24 RAMP "C"	
STA	25+20.00		TO	STA	25+93.00		137.0	RIGHT	10			143				23	65	11	2	I-24 RAMP "D"	
STA	25+20.00		TO	STA	25+93.00		65.0	LEFT	4			34				6	16	5	1	I-24 RAMP "D"	
US 45 - LOCATION 2 (NEAR US 45 / IL 146 INT.)																					
STA	7+68.00		TO	STA	21+10.00		1,342.0			2									30		
STA	21+10.00		TO	STA	36+94.00		1,584.0														WITHIN EX. V GUTTER
STA	36+94.00		TO	STA	42+49.00		555.0			2									13		
STA	42+49.00		TO	STA	48+30.00		581.0														WITHIN EX. V GUTTER
STA	48+30.00		TO	STA	56+85.00		855.0			2									19		
STA	56+85.00		TO	STA	71+50.00		1,465.0														WITHIN EX. V GUTTER
STA	71+50.00		TO	STA	73+00.00		150.0			2									4		
STA	73+00.00		TO	STA	90+56.40		1,756.4														WITHIN EX. V GUTTER
EQ STA	90+56.40	BK	=	STA	90+56.80	AH															
STA	90+56.80		TO	STA	91+50.00		93.2														WITHIN EX. V GUTTER
STA	91+50.00		TO	STA	92+08.00		58.0			2									2		
TOTALS																					
										9827	10350	6	2718			9165	91	181			

* ADDITIONAL QUANTITIES SEE RESURFACING, PARTIAL DEPTH PATCHING, ENTRANCE, AND SIDEROAD SCHEDULES

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	DRAWN -	REVISED -						**			36	18
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PLOT DATE = 4/21/2021	DATE -	REVISED -										ILLINOIS

LONG. JOINT SEALANT SCHEDULE

LOCATION STATION TO STATION							LENGTH	LONG. JOINT SEALANT	REMARKS
							FT	FT	
US 45 - LOCATION 1 (NEAR I-24 INT.)									
	STA	1589+15.00		TO	STA	1612+35.00	2320.0	2320	
	STA	1612+35.00		TO	STA	1618+78.00	643.0		NO LJS-LANES DIVIDED BY PCC MEDIAN
	STA	1618+78.00		TO	STA	1619+71.00	93.0	186	LJS INCLUDED FOR TURN LANE JOINT & MIDDLE LANE JOINT
	STA	1619+71.00		TO	STA	1623+50.00	379.0	379	LJS INCLUDED FOR TURN LANE JOINT
GAP PCC PAVEMENT- STA 1623+50 TO STA 1627+50									
	STA	1627+50.00		TO	STA	1631+15.00	365.0	365	LJS INCLUDED FOR TURN LANE JOINT
	STA	1631+15.00		TO	STA	1632+12.00	97.0	194	LJS INCLUDED FOR TURN LANE JOINT & MIDDLE LANE JOINT
	STA	1632+12.00		TO	STA	1638+43.00	631.0		NO LJS-LANES DIVIDED BY PCC MEDIAN
	STA	1638+43.00		TO	STA	1682+85.00	4442.0	4442	
US 45 - LOCATION 2 (NEAR US 45 / IL 146 INT.)									
	STA	1749+50.00		TO	STA	1751+00.00	150.0	150	
US 45 / IL 146 INTERSECTION							VARIES	248	
	STA	1752+65.00		TO	STA	1755+13.20	248.2	249	
EQ	STA	1755+13.20	BK	=	STA	0+00.00	AH		
	STA	0+00.00		TO	STA	1+86.00	186.0	186	
OMISSION - STA 1+86 TO STA 5+39									
	STA	5+39.00		TO	STA	90+56.40	8517.4	8518	
EQ	STA	90+56.40	BK	=	STA	90+56.80	AH		
	STA	90+56.80		TO	STA	92+08.00	151.2	152	
TOTALS								17389	

STRIP REFLECTIVE CRACK CONTROL SCHEDULE

LOCATION STATION TO STATION							LENGTH	STRIP REFLECTIVE CRACK CONTROL	REMARKS
							FT	FT	
US 45 - LOCATION 2 (NEAR US 45 / IL 146 INT.)									
	STA	21+10.00		TO	STA	36+94.00	1584.0	3168	9' OFF OF CENTERLINE, EXISTING CRACK OVER RESURFACED V GUTTER
	STA	42+49.00		TO	STA	48+30.00	581.0	1162	9' OFF OF CENTERLINE, EXISTING CRACK OVER RESURFACED V GUTTER
	STA	56+85.00		TO	STA	71+50.00	1465.0	2930	9' OFF OF CENTERLINE, EXISTING CRACK OVER RESURFACED V GUTTER
	STA	73+00.00		TO	STA	90+56.40	1756.4	3513	9' OFF OF CENTERLINE, EXISTING CRACK OVER RESURFACED V GUTTER
EQ	STA	90+56.40	BK	=	STA	90+56.80	AH		
	STA	90+56.80		TO	STA	91+83.00	126.2	253	9' OFF OF CENTERLINE, EXISTING CRACK OVER RESURFACED V GUTTER
TOTALS								11026	

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PLOT DATE = 4/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LONGITUDINAL JOINT SEALANT AND STRIP REFLECTIVE CRACK CONTROL SCHEDULE			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	JOHNSON	36	19
			CONTRACT NO. 78863	
		ILLINOIS		FED. AID PROJECT

(36,44-5,37)RS-7;3BR5-7

FAP 881/FAS 960

PAVEMENT MARKING SCHEDULE (1 OF 2)

START STATION	END STATION	NOTES	PAINT PAVEMENT MARKING					SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM			
			LINE - 4" WHITE		LINE - 4" YELLOW		LINE - 12"						LINE - 24"	LETTERS & SYMBOLS	
			SOLID	SKIP-DASH	SOLID LT	SKIP-DASH	SOLID RT						WHITE		WHITE
			FT	FT	FT	FT	FT						FT		FT
US 45															
1589+15	1598+20		1,810		905	230					420	140	982	12	12
1598+20	1606+45		1,650			210					456	152	620	11	11
1606+45	1611+05		920			120	460				252	84	500	6	6
1611+05	1614+10		610		305		305				120	40	407	16	16
1614+10	1618+83		747		473		473				96	32	565		
1619+64	1622+39	NORTHBOUND LEFT TURN LANE	275								825	275	92	7	7
1621+37		LEFT TURN LANE ARROW							15.6		137	46	16		
1621+95		LEFT TURN LANE "ONLY"							20.8		192	64	21		
1619+74	1631+55		2,464		1,136		1,136				300	100	1,579		
1628+35	1631+20	SOUTHBOUND LEFT TURN LANE	285								855	285	95	8	8
1629+78		LEFT TURN LANE "ONLY"							20.8		192	64	21		
1630+36		LEFT TURN LANE ARROW							15.6		137	46	16		
1632+05	1636+80		778		475		475				108	36	576		
1636+80	1640+00		640		320		320				120	40	427	16	16
1640+00	1644+30		860		430	110					240	80	467	6	6
1644+30	1677+15		6,570			830					1,776	592	2,467	42	42
1677+15	1681+62		894			120	447				240	80	487	6	6
1681+62	1682+85	END OF RESURFACING LIMITS	246		123		123				60	20	164	2	2
1682+85	1685+06.41	RRPM ONLY												3	
EQ. STA 1685+06.41 BK = STA 1691+50.41 AH															
1691+50.41	1699+29.00	RRPM ONLY												10	
EQ. STA 1699+29.0 BK = STA 1699+29.30 AH															
1699+29.30	1749+50	RRPM ONLY												63	
1749+50	1751+47	US 45 - NORTH LEG OF INTERSECTION				60			21		438	146	62	3	3
27+00	27+37	IL 146 - WEST LEG OF INTERSECTION				10			34		624	208	72	1	1
27+80	28+25	IL 146 - EAST LEG OF INTERSECTION				10			34		624	208	72	1	1
1752+18	1755+13	US 45 - SOUTH LEG OF INTERSECTION				80			28		588	196	83	4	4
EQ. STA 1755+13.20 BK = STA 0+00 AH															
0+00	1+86		372			50					60	20	141	3	3
OMISSION - STA 1+86 TO 5+39															
5+39	23+40		3,602			460					540	180	1,354	23	23
23+40	34+05		2,130			270	1,065				324	108	1,155	14	14
34+05	57+20		4,630		2,315		2,315				696	232	3,087	29	29
57+20	67+90		2,140		1,070	270					324	108	1,160	14	14
67+90	77+62		1,944			250	972				288	96	1,056	13	13
77+62	89+40		2,356		1,178	300					348	116	1,278	15	15
89+40	90+56.4		233			30					36	12	88	2	2
EQ. STA 90+56.4 BK = STA 90+56.8 AH															
90+56.8	92+08		303			40					48	16	115	2	2
SUBTOTALS			56,730					0	117	72.8	11,463	3,822	19,225	332	256

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PLOT DATE = 4/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE (1 OF 2)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	20
			CONTRACT NO. 78863	
		ILLINOIS FED. AID PROJECT		

** (36,44-5,37)RS-7;3BR5-7

*FAP 881/FAS 960

PAVEMENT MARKING SCHEDULE (2 OF 2)

START STATION	END STATION	NOTES	PAINT PAVEMENT MARKING						SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM		
			LINE - 4" WHITE		LINE - 4" YELLOW			LINE - 12"						LINE - 24"	LETTERS & SYMBOLS
			SOLID	SKIP DASH	SOLID LT	SKIP DASH	SOLID RT	WHITE						WHITE	
			FT	FT	FT	FT	FT	FT						FT	
I - 24 RAMPS															
10+25	11+15	RAMP "A" EDGELINE MARKINGS	158		97						85				
25+20	26+18	RAMP "B" EDGELINE MARK. & STOPBARS	168		90				648	216	158				
25+77	26+18	RAMP "B" ISLAND MARKINGS	147					118			167				
10+25	11+13	RAMP "C" EDGELINE MARKINGS	158		95						85				
25+20	25+93	RAMP "D" EDGELINE MARK. & STOPBARS	138		65				648	216	140				
25+53	25+93	RAMP "D" ISLAND MARKINGS	145					104			153				
SUBTOTALS			1,261			222	72	0	1,296	432	788	0	0		
TOTALS			57,991			222	189	72.8	12,759	4,254	20,013	332	256		

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 PROJECT: 78863
 CAD: DataCAD
 PROJECT: 078863-Schedule.com

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SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT CONTRACT NO. 78863					

CLASS C PATCHING SCHEDULE

STATION LIMITS	NUMBER OF PATCHES	WIDTH	LENGTH	AREA	CLASS C PATCHES, TY. II, 11"	CLASS C PATCHES, TY. III, 11"	CLASS C PATCHES, TY. II, 14"
US 45		FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD
LOCATION 1: STA 1589+15 TO STA 1623+50	4	12.0	10.0	13.33	53.33		
	9	12.0	6.0	8.00	72.00		
LOCATION 1: STA 1627+50 TO STA 1682+60	1	25.0	6.0	16.67		16.67	
	1	15.0	6.0	10.00	10.00		
	1	16.5	12.0	22.00		22.00	
	1	12.0	12.0	16.00		16.00	
	1	12.0	18.0	24.00		24.00	
	1	12.0	8.0	10.67	10.67		
	6	12.0	6.0	8.00	48.00		
	2	12.0	10.0	13.33	26.67		
LOCATON 2: STA 1749+50 TO STA 91+83	1	12.0	4.0	5.33			5.33
	3	12.0	6.0	8.00			24.00
PROJECT TOTALS					221	79	30

CLASS B PATCHING SCHEDULE

STATION LIMITS	NUMBER OF PATCHES	WIDTH	LENGTH	AREA	CLASS B PATCHES, TY. II, 8"	SAW CUTS *	DOWEL BARS 1 1/4"
US 45 - LOCATION 1		FOOT	FOOT	SQ YD	SQ YD	FOOT	EACH
STA 1623+50 TO STA 1627+50	3	16.0	6.0	10.67	32.00	180	84
	1	16.0	8.0	14.22	14.22	64	28
PROJECT TOTALS					47	244	112

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USER NAME = klrbyea	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FULL DEPTH PATCHING SCHEDULES				F.A. * RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 78863
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -										
PLOT DATE = 4/21/2021	DATE -	REVISED -										

PARTIAL DEPTH PATCHING SCHEDULE

APPROX. STATION	LOCATION	WIDTH	LENGTH	AREA	PARTIAL DEPTH REMOVAL, TYPE I, 2"	PARTIAL DEPTH REMOVAL, TYPE II, 2"	PARTIAL DEPTH PATCHING	BITUM. MAT. (TACK COAT) *
US 45 - LOCATION 1	NB / SB	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	LBS
1623+50	SB	3.0	29.0	9.67		9.67	1.1	4.4
1623+50	SB	3.0	3.0	1.00	1.00		0.2	0.5
1623+53	SB	6.5	7.0	5.06	5.06		0.6	2.3
1623+60	SB	3.0	15.0	5.00	5.00		0.6	2.3
1623+79	SB	10.0	10.5	11.67		11.67	1.4	5.3
1623+89	SB	3.0	6.0	2.00	2.00		0.3	0.9
1624+02	SB	3.0	8.0	2.67	2.67		0.3	1.2
1624+02	SB	3.0	9.0	3.00	3.00		0.4	1.4
1624+10	SB	8.0	8.0	7.11	7.11		0.8	3.2
1624+18	SB	5.0	3.0	1.67	1.67		0.2	0.8
1624+32	SB	3.0	8.0	2.67	2.67		0.3	1.2
1626+50	SB	3.0	4.5	1.50	1.50		0.2	0.7
1626+50	SB	3.0	23.0	7.67	7.67		0.9	3.5
1626+64	SB	3.0	12.0	4.00	4.00		0.5	1.8
1626+72	SB	3.0	3.0	1.00	1.00		0.2	0.5
1626+75	SB	2.0	2.0	0.44	0.44		0.1	0.2
1626+94	SB	2.0	12.0	2.67	2.67		0.3	1.2
1626+94	SB	2.0	16.0	3.56	3.56		0.4	1.6
1627+10	SB	3.0	7.0	2.33	2.33		0.3	1.1
1627+11	SB	3.0	3.5	1.17	1.17		0.2	0.6
1627+13	SB	5.0	3.0	1.67	1.67		0.2	0.8
1627+17	SB	5.0	4.0	2.22	2.22		0.3	1.0
1627+22	SB	2.0	28.0	6.22	6.22		0.7	2.8
1627+49	SB	2.0	2.0	0.44	0.44		0.1	0.2
1627+49	SB	2.0	2.0	0.44	0.44		0.1	0.2
1625+66	NB	3.0	5.0	1.67	1.67		0.2	0.8
1625+43	NB	3.0	5.0	1.67	1.67		0.2	0.8
1624+40	NB	4.0	5.0	2.22	2.22		0.3	1.0
1624+10	NB	3.0	5.0	1.67	1.67		0.2	0.8
1624+05	NB	6.0	6.0	4.00	4.00		0.5	1.8
1624+05	NB	5.0	9.0	5.00	5.00		0.6	2.3
1623+94	NB	2.0	16.0	3.56	3.56		0.4	1.6
1623+88	NB	28.0	4.0	12.44		12.44	1.4	5.6
1623+64	NB	2.0	2.0	0.44	0.44		0.1	0.2
1623+64	NB	3.0	2.0	0.67	0.67		0.1	0.3
1623+60	NB	2.0	7.0	1.56	1.56		0.2	0.7
PROJECT TOTALS					88	34	15	56

* ADDITIONAL QUANTITIES SEE RESURFACING, SHOULDER, ENTRANCE, AND SIDEROAD SCHEDULE

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			SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	JOHNSON 36 23 CONTRACT NO. 78863

ENTRANCE SCHEDULE

LOCATION			ENTRANCE TYPE	EXIST. SURFACE	EOP WIDTH	WIDTH AT EDGE OF HMA SHOULDER	WIDTH AT PROP. 4' TAPER (FROM EOP/EOS)	ROADWAY AREA	INCIDENTAL HMA SURFACING *	BIT. MAT. (TACK COAT) *	AGG. WEDGE SHOULDER, TY. B *	COMMENTS
					FT	FT	FT	SQ YD				
US 45 - LOCATION 1												
STA	1597+75	RT	PRIVATE	AGG		75					1	
STA	1598+33	LT	PRIVATE	AGG		42					1	
STA	1600+00	LT	PRIVATE	AGG		38					1	
STA	1642+68	RT	PRIVATE	PCC		45	32	18	2	9		
STA	1668+30	LT	COMMERCIAL	HMA		72	56	29	2	14		DRY SYSTEMS TECHNOLOGIES
STA	1676+95	RT	PRIVATE	HMA/AGG		58	40	22	2	10		IDOT YARD
STA	1679+15	RT	PRIVATE	HMA		65	45	25	2	12		JOHNSON COUNTY HIGHWAY DEPT.
STA	1680+22	LT	PRIVATE	HMA/AGG		60	48	24	2	11		
STA	1682+44	RT	PRIVATE	AGG		25					**	
US 45 - LOCATION 2												
STA	18+37	RT	FIELD	AGG	26						1	
STA	25+22	RT	PRIVATE	HMA	60		50	25	2	12		
STA	27+24	LT	PRIVATE	HMA	40		32	16	2	8		
STA	28+89	RT	PRIVATE	PCC	57		40	22	2	10		
STA	31+73	RT	PRIVATE	HMA	40		32	16	2	8		
STA	33+67	LT	PRIVATE	PCC	35		30	15	2	7		
STA	37+11	RT	PRIVATE	HMA	90		75	37	3	17		
STA	37+35	LT	PRIVATE	AGG	45		32	18	2		**	
STA	38+54	LT	PRIVATE	AGG	30		25	13	1		**	
STA	39+90	RT	MAIL TURNOUT	HMA	62		62	28	2	13		
STA	39+90	LT	PRIVATE	AGG	31		20	12	1		**	
STA	45+37	RT	PRIVATE	AGG	42		24	15	2		1	
STA	47+65	LT	PRIVATE	AGG	28		20	11	1		1	
STA	48+00	RT	PRIVATE	AGG	24		20	10	1		1	
STA	49+15	RT	PRIVATE	AGG	48		48	22	2		**	
STA	50+58	LT	PRIVATE	AGG	58		45	23	2		**	
STA	54+53	LT	PRIVATE	AGG	50		32	19	2		**	
STA	59+75	LI	PRIVATE	HMA	70		70	32	3	15		
STA	62+88	RT	PRIVATE	PCC	35		30	15	2	7		
STA	71+34	RT	PRIVATE	AGG	30		22	12	1		**	
STA	74+30	LT	PRIVATE	AGG	35		26	14	1		1	
STA	77+60	LT	PRIVATE	HMA	53		60	26	2	12		
TOTALS									48	165	8	

* ADDITIONAL QUANTITIES SEE RESURFACING, SHOULDER, PARTIAL DEPTH PATCHING, AND SIDEROAD SCHEDULE
 * * AGGREGATE WEDGE QUANTITIES FOR AGGREGATE ENTRANCES ARE INCLUDED IN SHOULDER SCHEDULE.

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PLOT DATE = 4/21/2021	DATE -	REVISED -										

SIDEROAD SCHEDULE

LOCATION	SIDEROAD NAME		EXIST. SURFACE	EOP WIDTH	LENGTH FROM EOP TO BUTT-JOINT	WIDTH AT PROPOSED BUTT-JOINT	ROADWAY AREA	INCIDENTAL HMA SURFACING *	HMA SURFACE REMOVAL - BUTT JOINT *	BIT. MAT. (TACK COAT) *	TEMP. RAMP *	COMMENTS						
													FOR INFORMATIONAL PURPOSE ONLY					
														FT	FT	FT	SQ YD	TON
US 45 - LOCATION 1																		
STA	1595+19	RT	CANADA LN	HMA	48						6	1' WIDE TEMP. RAMP FOR SIDEROAD						
STA	1602+00	LT	RENFRO RD	HMA	60						7	1' WIDE TEMP. RAMP FOR SIDEROAD						
STA	1610+79	LT	MIMOSA LN	HMA	50						6	1' WIDE TEMP. RAMP FOR SIDEROAD						
STA	1662+67	LT	DAMERON LN	HMA	78	15	40	99	8	5	45							
STA	1662+84	RT	HOLLY RD	HMA	75	15	38	95	8	4	43							
US 45 - LOCATION 2																		
STA	0+00	RT	MAIN ST	HMA	87						10	1' WIDE TEMP. RAMP FOR SIDEROAD						
STA	0+00	LT	MAIN ST	HMA	66						8	1' WIDE TEMP. RAMP FOR SIDEROAD						
STA	18+37	LT	N HARNERVILLE LOOP	HMA	50	15	22	60	5	3	27							
STA	32+09	LT	OAK ST	HMA	32	15	18	42	4	2	19							
STA	35+66	LI	MAPLE ST	HMA	40	15	16	47	4	2	22							
STA	42+10	LT	S HARNERVILLE LOOP	HMA	58	15	30	74	6	4	34							
STA	56+73	RT	BALLOWE CHURCH RD	HMA	56	15	24	67	6	3	31							
STA	72+14	LT	GAGE LN	HMA/AGG	68	15	28	80	10	4	36							
TOTALS									51	27	257	37						

* ADDITIONAL QUANTITIES SEE RESURFACING, SHOULDER, PARTIAL DEPTH PATCHING, AND ENTRANCE SCHEDULE IN THE 2 1/2" AND 2 3/4" MAINLINE SURFACE REMOVAL LOCATIONS, A 1' WIDE TEMPORARY RAMP SHALL BE PLACE ALONG THE SIDEROADS

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PLOT DATE = 4/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD SCHEDULE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**		36	25
			CONTRACT NO. 78863	
		ILLINOIS FED. AID PROJECT		

CURB & GUTTER / MEDIAN REPAIR

LOCATION (APPROX STA)						COMB . C&G REMOVAL	COMB . CC&G, TYPE B - 9.12	CONCRETE MEDIAN SURFACE REMOVAL	CONCRETE MEDIAN SURFACE, 4 INCH	PROT . COAT	REMARKS
						FT	FT	SQ FT	SQ FT	SQ YD	
US 45 - LOCATION 1											
STA	1614+77	TO	STA	1614+83	RT	6	6			2	
STA	1614+77	TO	STA	1614+85	LT	8	8			2	
STA	1615+62	TO	STA	1615+69	RT	7	7			2	
STA	1615+62	TO	STA	1615+69	LT	7	7			2	
STA	1616+45	TO	STA	1616+49	RT	4	4			1	
STA	1616+45	TO	STA	1616+49	LT	4	4			1	
STA	1617+31	TO	STA	1617+35	RT	4	4			1	
STA	1619+91	TO	STA	1620+96	RT	105	105			19	
STA	1619+91	TO	STA	1622+47	LT	256	256			46	
STA	1619+91	TO	STA	1622+47				768	768	136	MEDIAN SURFACE WIDTH =3'
STA	1622+22	TO	STA	1622+47	RT	25	25			5	
STA	1622+61	TO	STA	1622+65	RT	4	4			1	
STA	1622+68	TO	STA	1622+72	LT	4	4			1	
STA	1622+76	TO	STA	1622+80	RT	4	4			1	
STA	1622+90	TO	STA	1623+02	LT	12	12			3	
STA	1622+94	TO	STA	1622+98	RT	4	4			1	
STA	1623+33	TO	STA	1623+37	LT	4	4			1	
STA	1623+36	TO	STA	1623+41	RT	5	5			1	
STA	1623+46	TO	STA	1623+50	LT	4	4			1	
STA	1623+49	TO	STA	1623+53	RT	4	4			1	
STA	1623+74	TO	STA	1623+76	RT	2	2			1	
STA	1623+88	TO	STA	1623+93	RT	5	5			1	
STA	1624+47	TO	STA	1624+58	LT	11	11			2	
STA	1627+87	TO	STA	1627+92	LT	5	5			1	
STA	1629+41	TO	STA	1629+47	LT	6	6			2	
STA	1630+40	TO	STA	1630+96	LT	56	56			10	
STA	1630+52	TO	STA	1631+01	RT	49	49			9	
STA	1630+52	TO	STA	1631+01				147	147	26	MEDIAN SURFACE WIDTH =3'
STA	1632+62	TO	STA	1632+94	RT	32	32			6	
STA	1633+39	TO	STA	1633+52	RT	13	13			3	
STA	1633+41	TO	STA	1633+51	LT	10	10			2	
STA	1633+71	TO	STA	1633+76	RT	5	5			1	
STA	1635+25	TO	STA	1635+30	RT	5	5			1	
STA	1635+79	TO	STA	1635+84	RT	5	5			1	
STA	1635+91	TO	STA	1635+96	RT	5	5			1	
PROJECT TOTALS						680	680	915	915	295	

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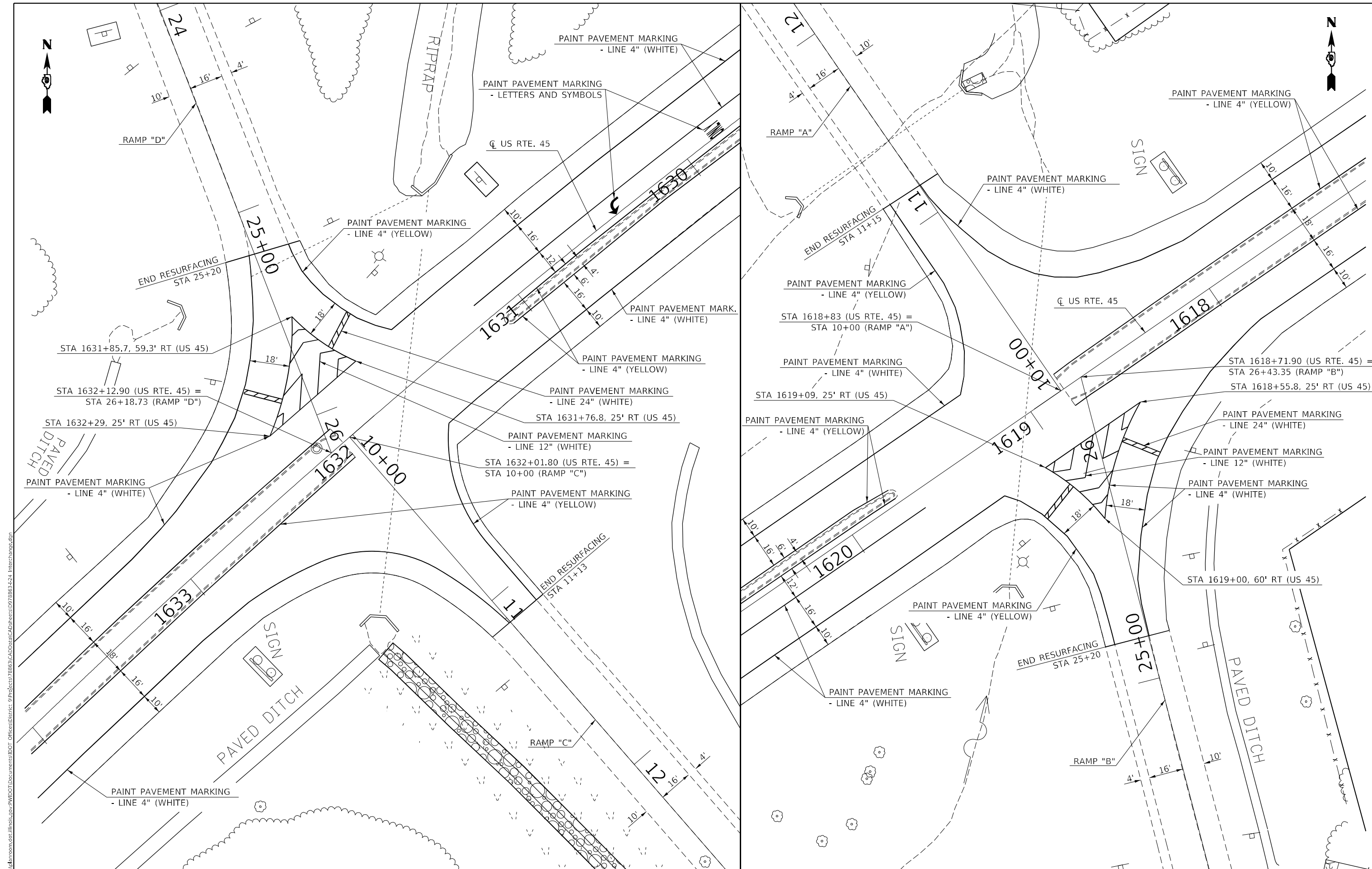
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB & GUTTER /MEDIAN REPAIR SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	26
			CONTRACT NO. 78863	
		ILLINOIS FED. AID PROJECT		



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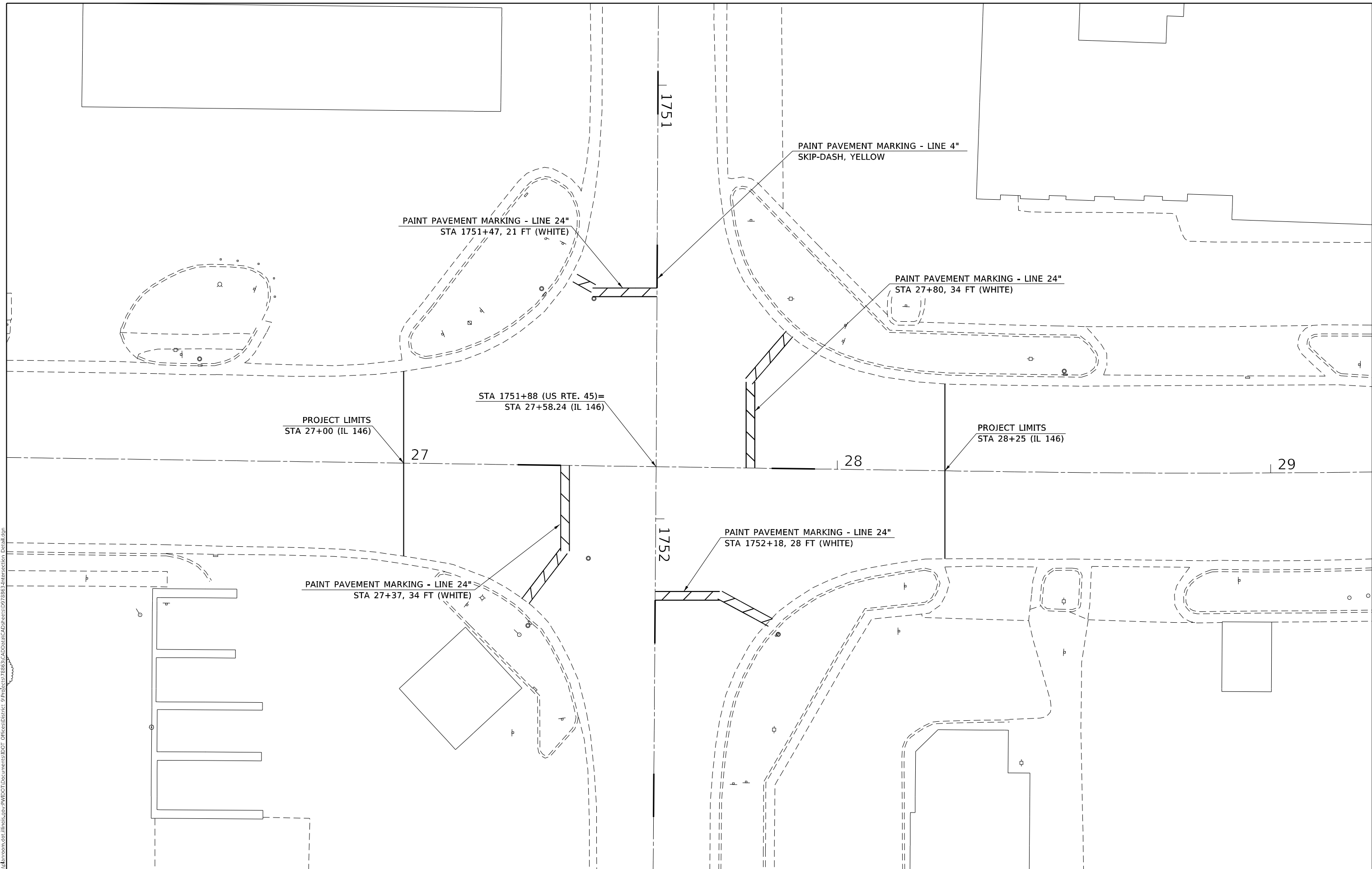
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 & I-24 INTERCHANGE DETAIL
LIMITS AND PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	27
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 4/21/2021	DATE -	REVISED -

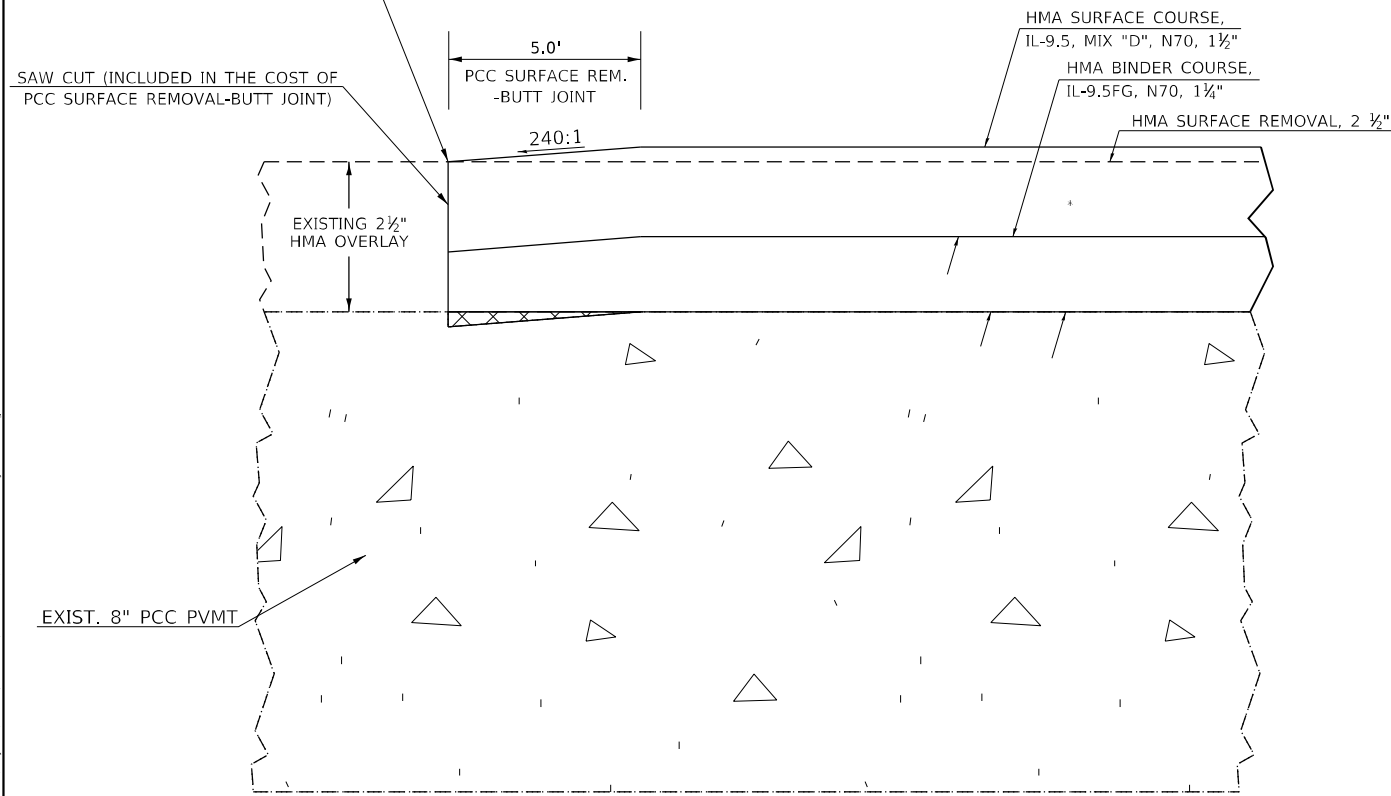
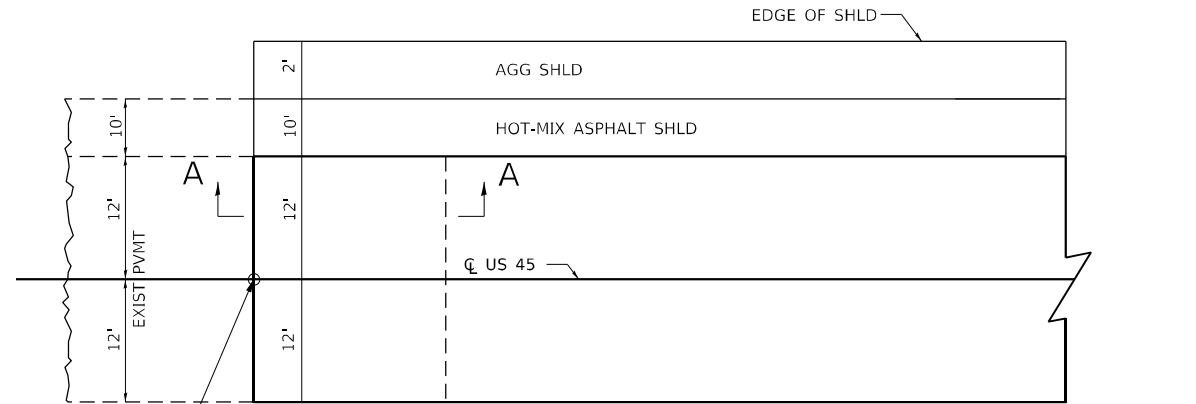
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 & IL 146 INTERSECTION DETAIL
LIMITS AND PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	28
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

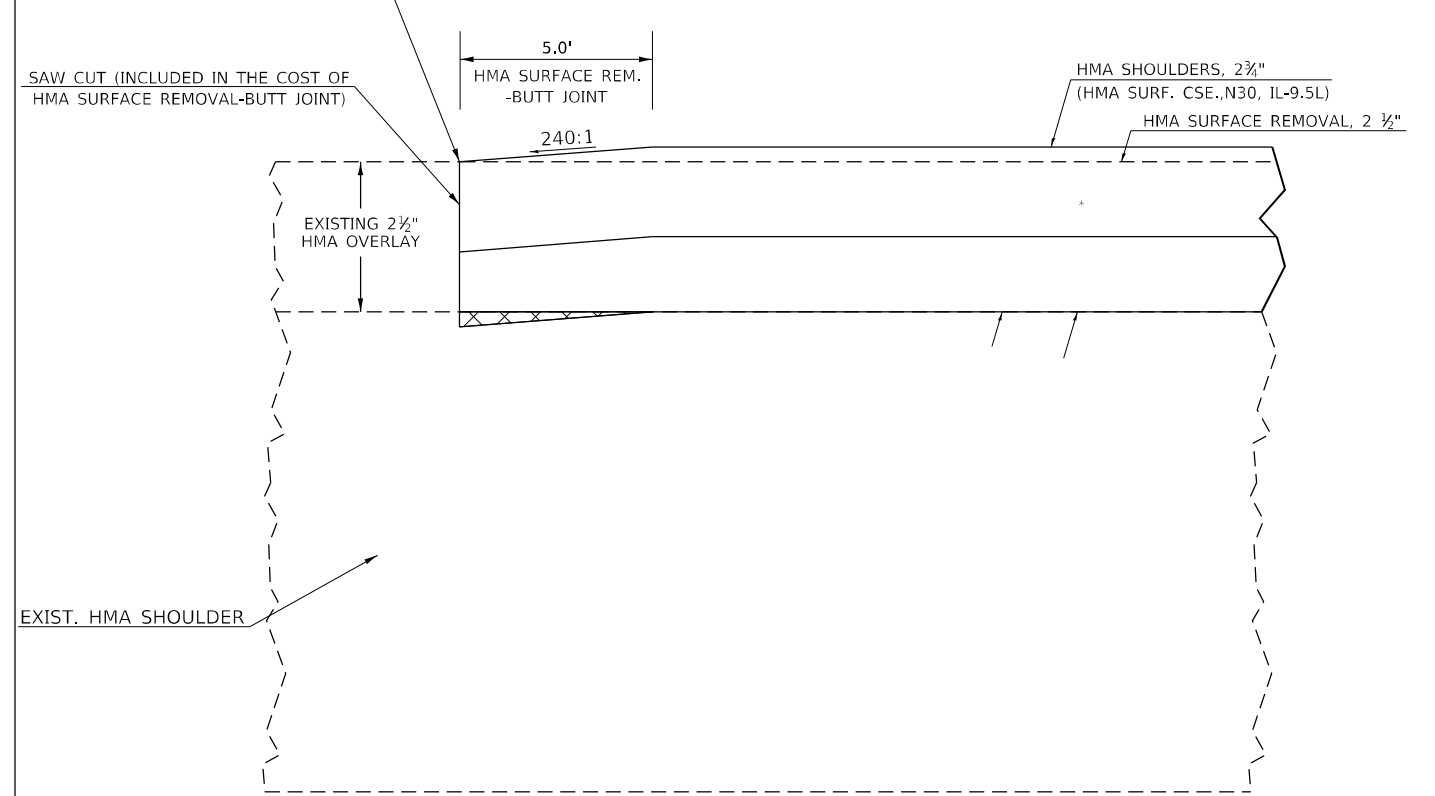
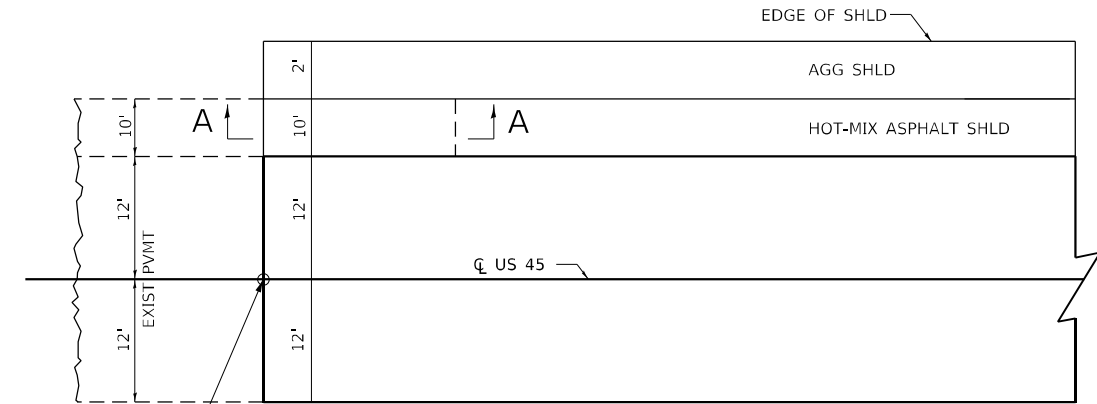
MAINLINE BUTT JOINT WITH MILLING



SECTION A-A

NOTE: THE Y-AXIS OF THE DETAIL ABOVE IS SCALED TO ENLARGE THE REPRESENTATION OF THE PROPOSED 1/4" BUTT JOINT WITH MILLING.

SHOULDER BUTT JOINT WITH MILLING



SECTION A-A

NOTE: THE Y-AXIS OF THE DETAIL ABOVE IS SCALED TO ENLARGE THE REPRESENTATION OF THE PROPOSED 1/4" BUTT JOINT WITH MILLING.

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USER NAME = klrbyea	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/21/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 1 DETAILS: MAINLINE AND SHOULDER
BUTT JOINT WITH MILLING

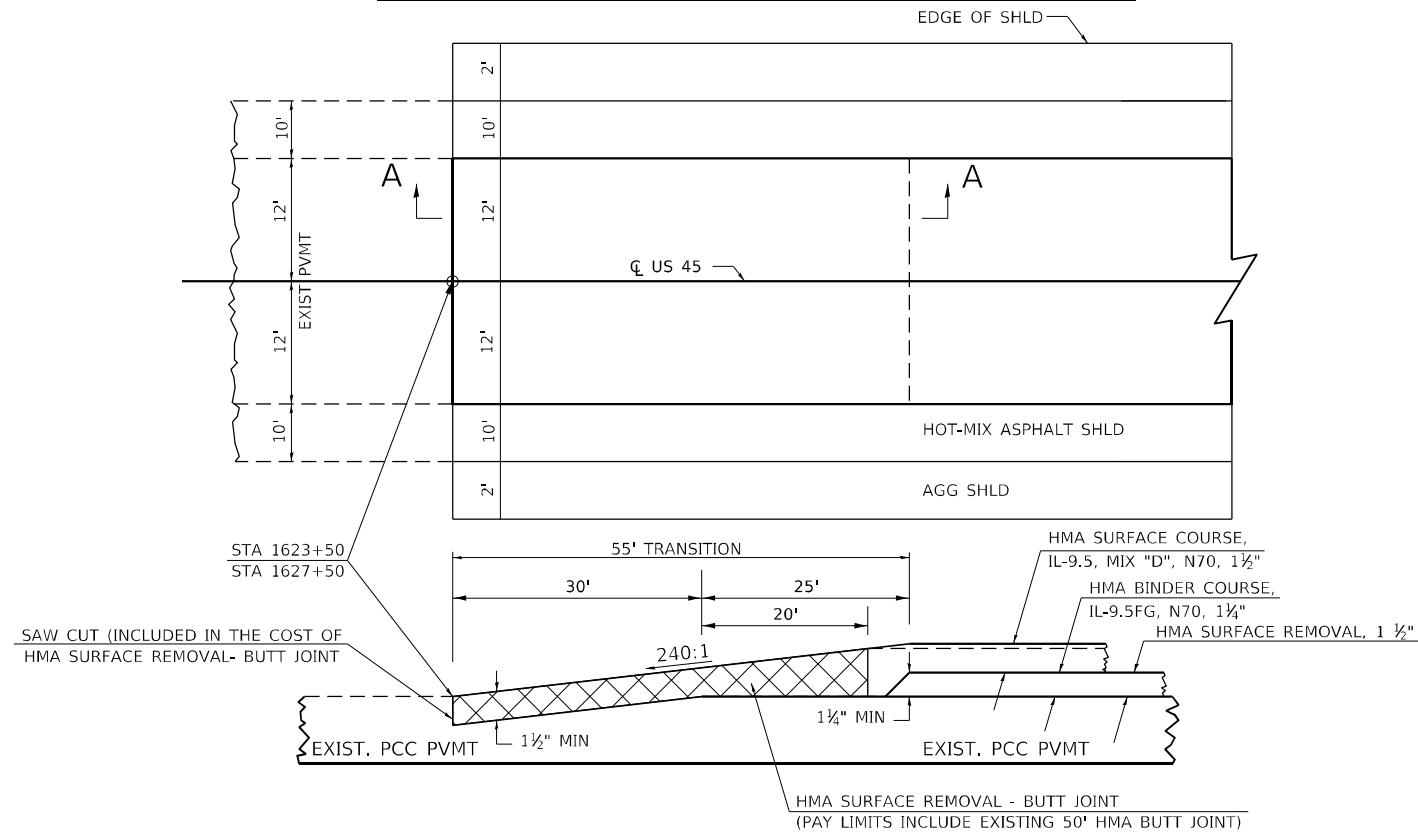
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	29
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

*(36,44-5,37)RS-7;3BR5-7

*FAP 881/FAS 960

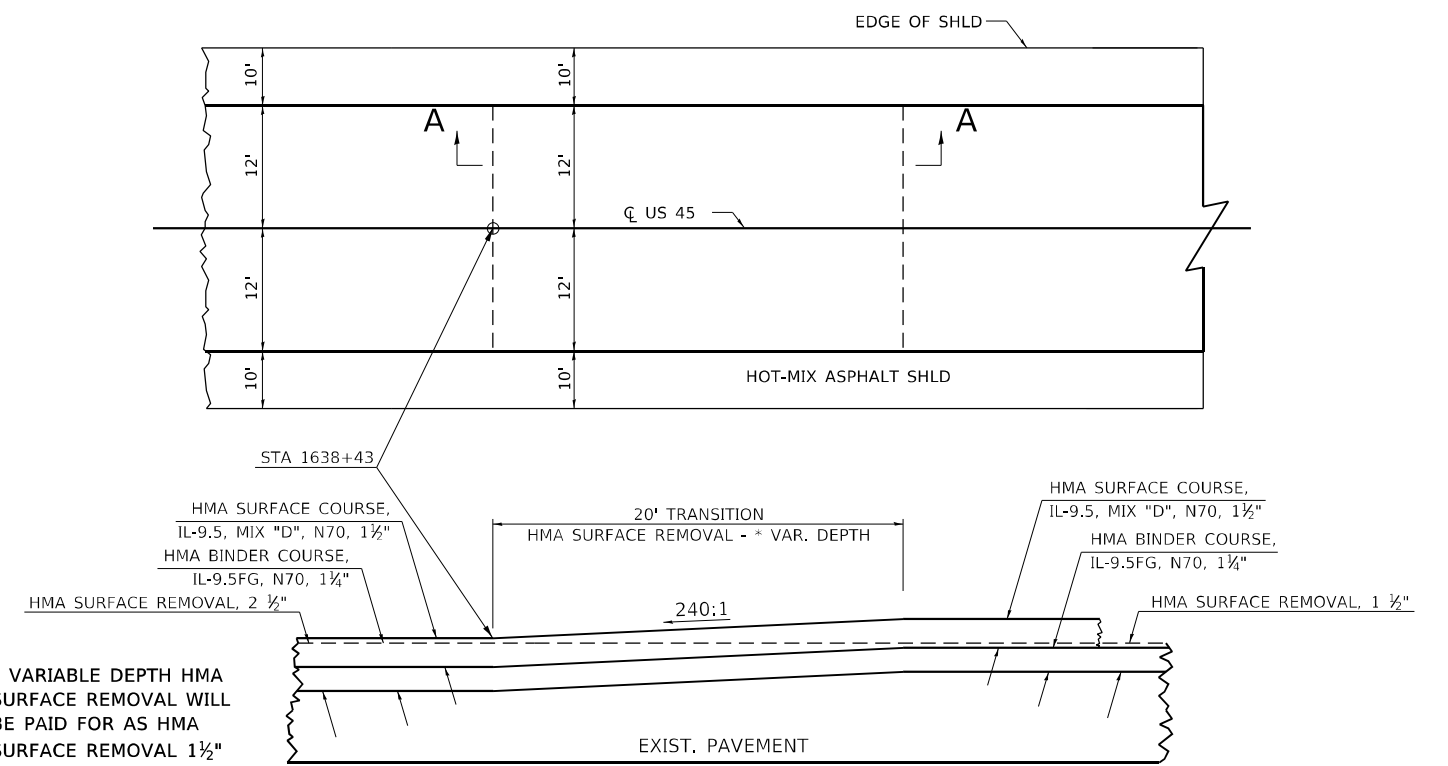
MAINLINE BUTT JOINT WITH MILLING



SECTION A-A

MAINLINE RESURFACING TRANSITION

STA 1638+43 TO STA 1638+63

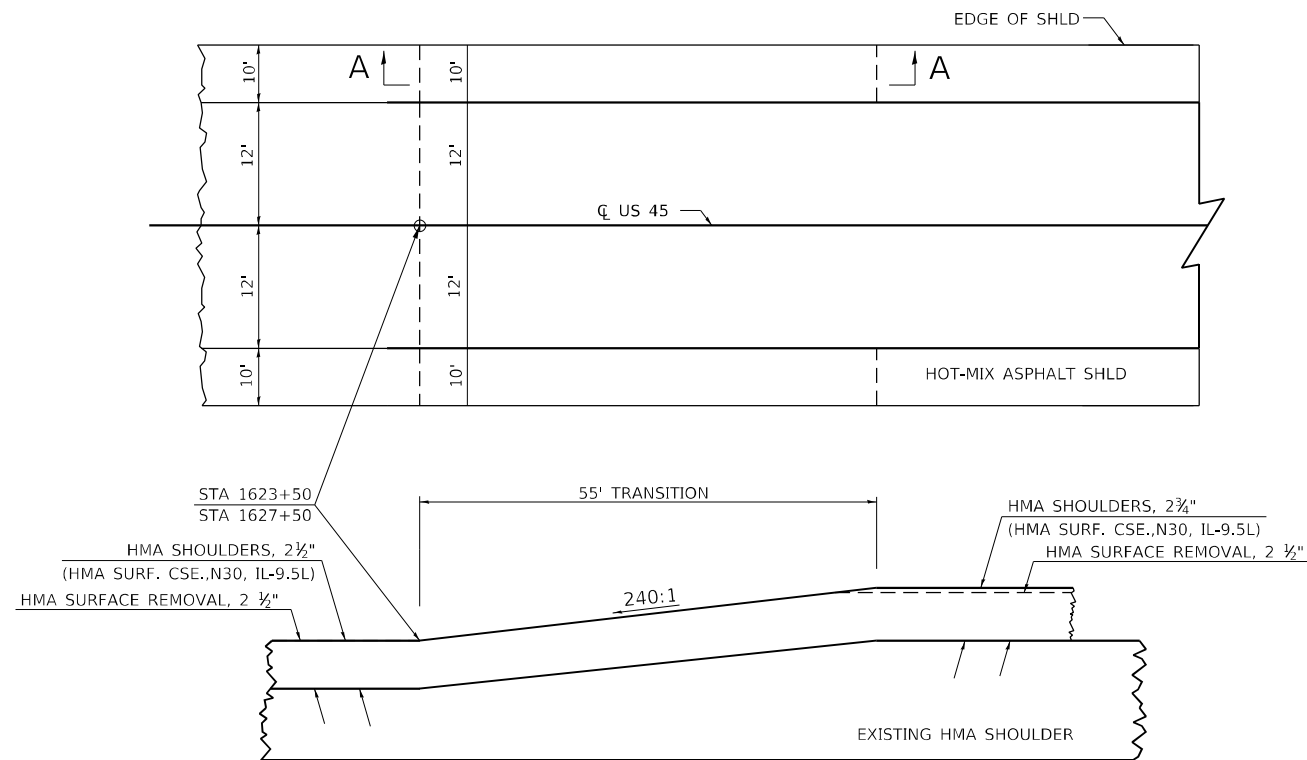


* VARIABLE DEPTH HMA SURFACE REMOVAL WILL BE PAID FOR AS HMA SURFACE REMOVAL 1 1/2"

SECTION A-A

SHOULDER RESURFACING TRANSITION

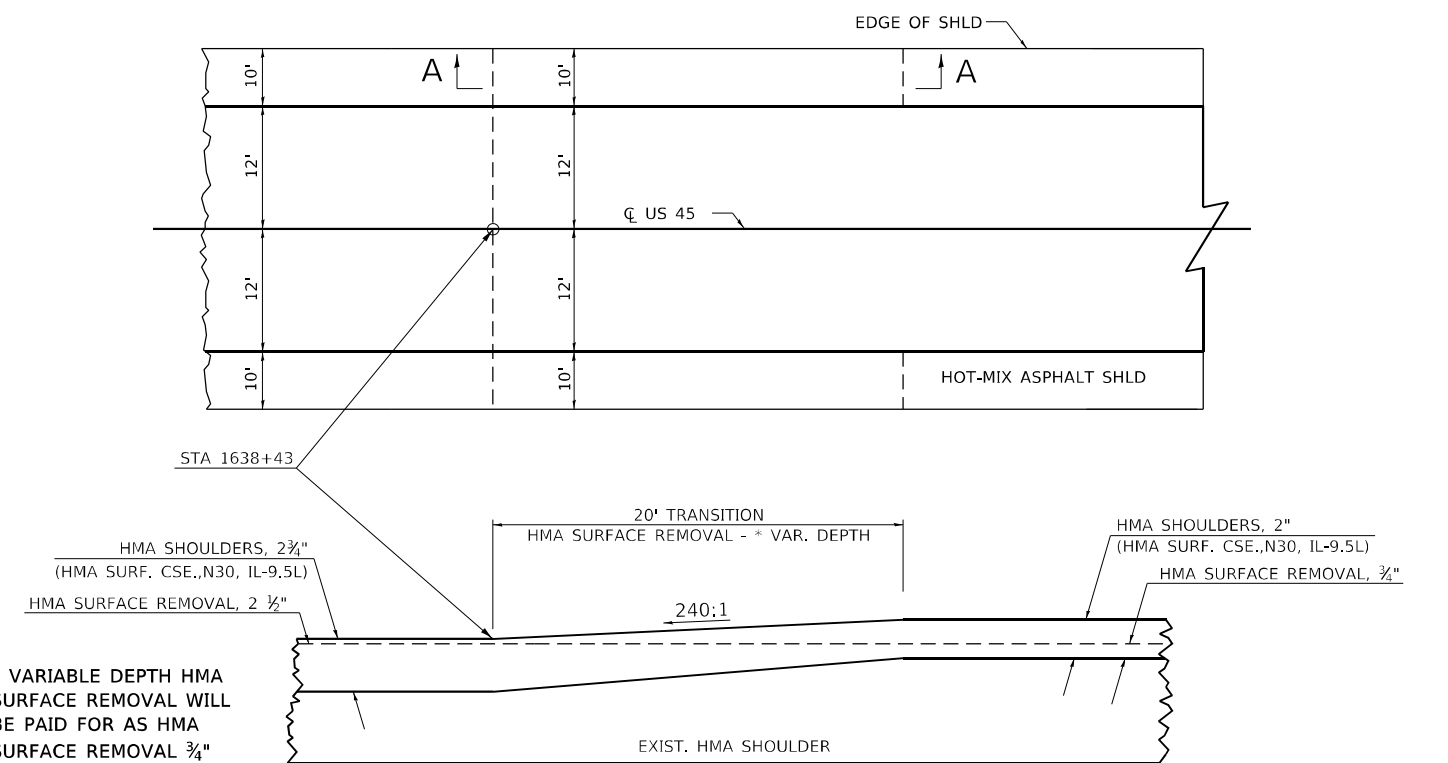
STA 1622+95 TO STA 1623+50
STA 1627+50 TO STA 1628+55



SECTION A-A

SHOULDER RESURFACING TRANSITION

STA 1638+43 TO STA 1638+63



* VARIABLE DEPTH HMA SURFACE REMOVAL WILL BE PAID FOR AS HMA SURFACE REMOVAL 3/4"

SECTION A-A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 1 DETAILS: MAINLINE BUTT JOINT WITH MILLING,
MAINLINE AND SHOULDER RESURFACING TRANSITIONS

USER NAME = klrbyea	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/21/2021	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

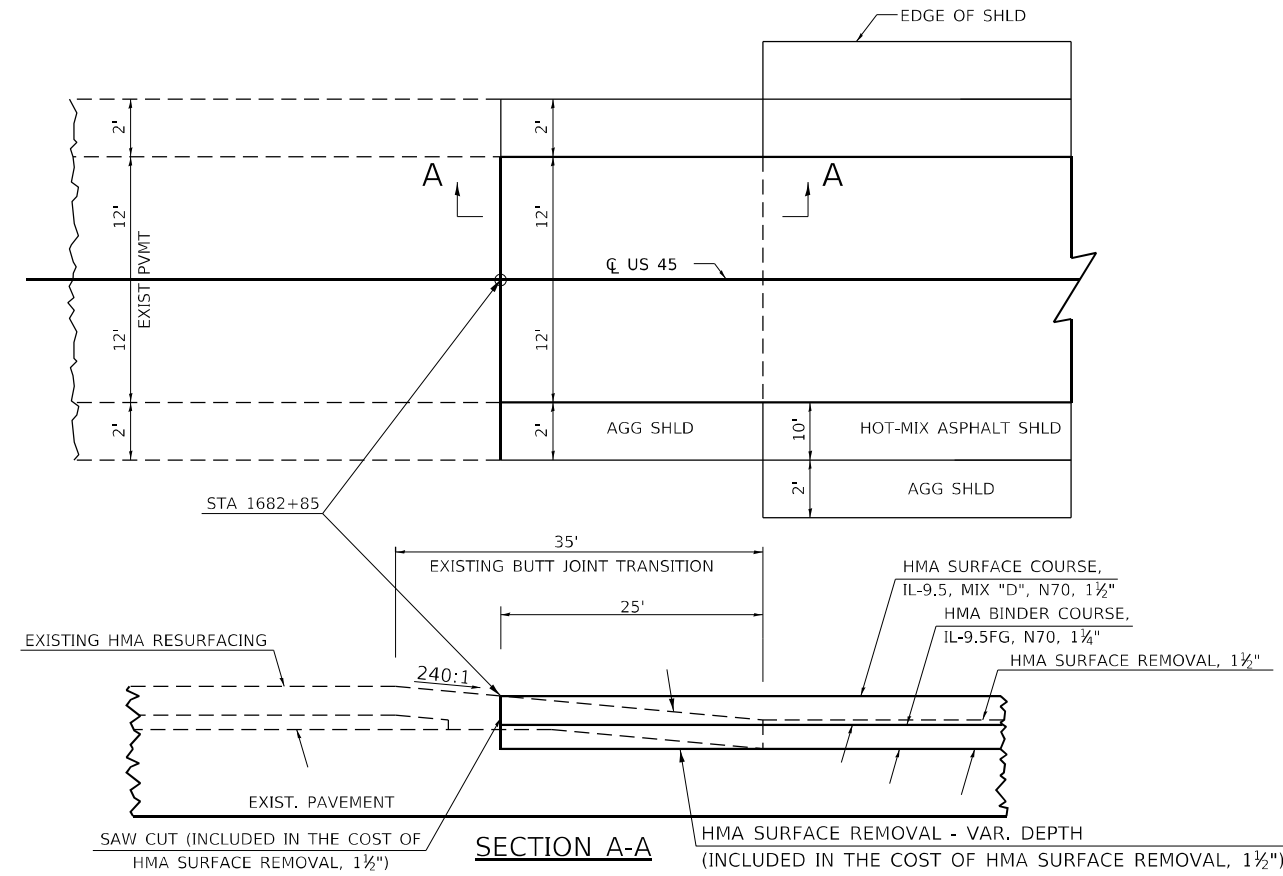
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	30
CONTRACT NO. 78863				

ILLINOIS FED. AID PROJECT

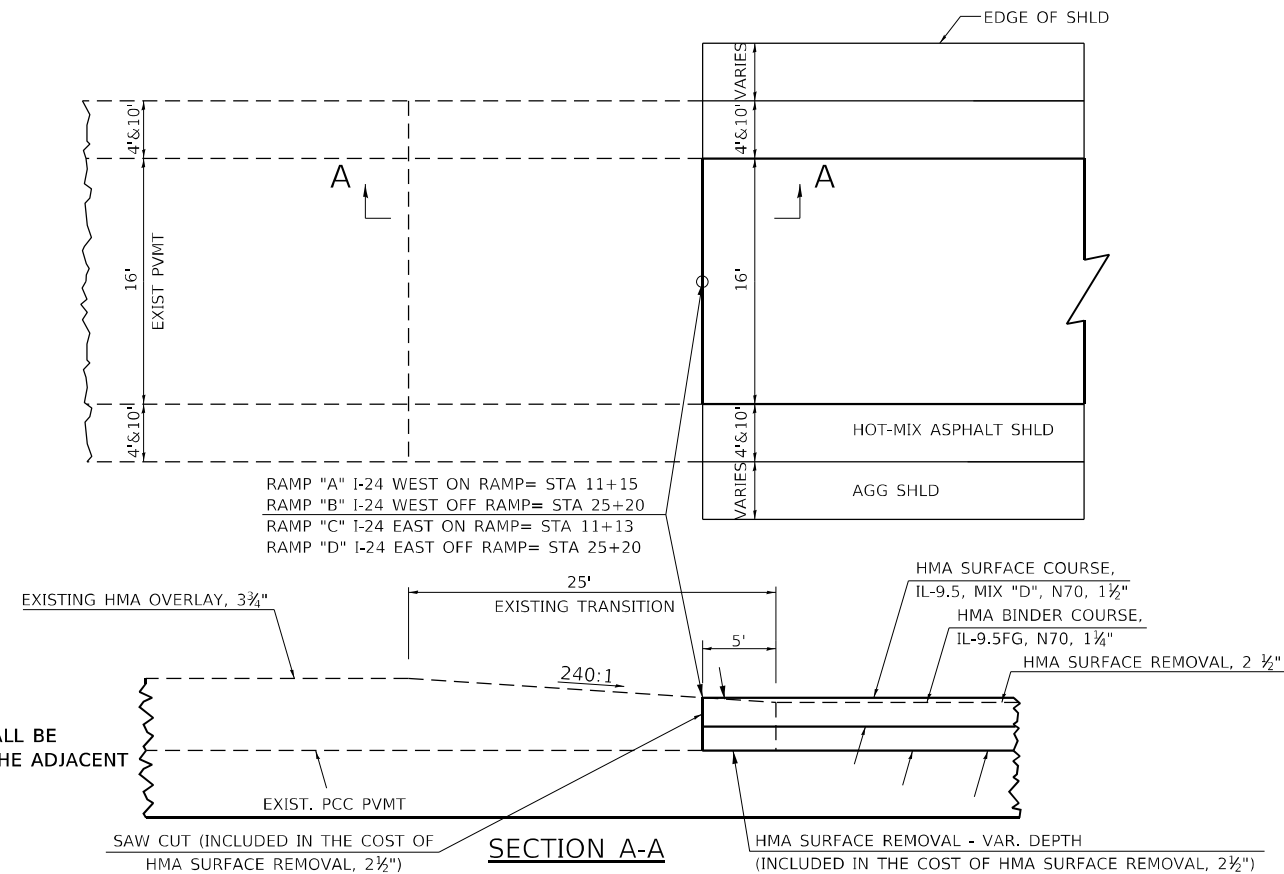
FAP 881/FAS 960

MODEL: Default
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 PLOT DATE: 4/21/2021
 PROJECT: 78863-CA00DataCAD\Projects\0778863-Roadway_Detailed.dwg

SURFACE REMOVAL THROUGH EXISTING BUTT JOINT



RESURFACING AT I-24 RAMPS



NOTE:
SIMILAR JOINTS SHALL BE
CONSTRUCTED IN THE ADJACENT
HMA SHOULDERS.

USER NAME = klrbyea	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/21/2021	CHECKED -	REVISED -
	DATE -	REVISED -

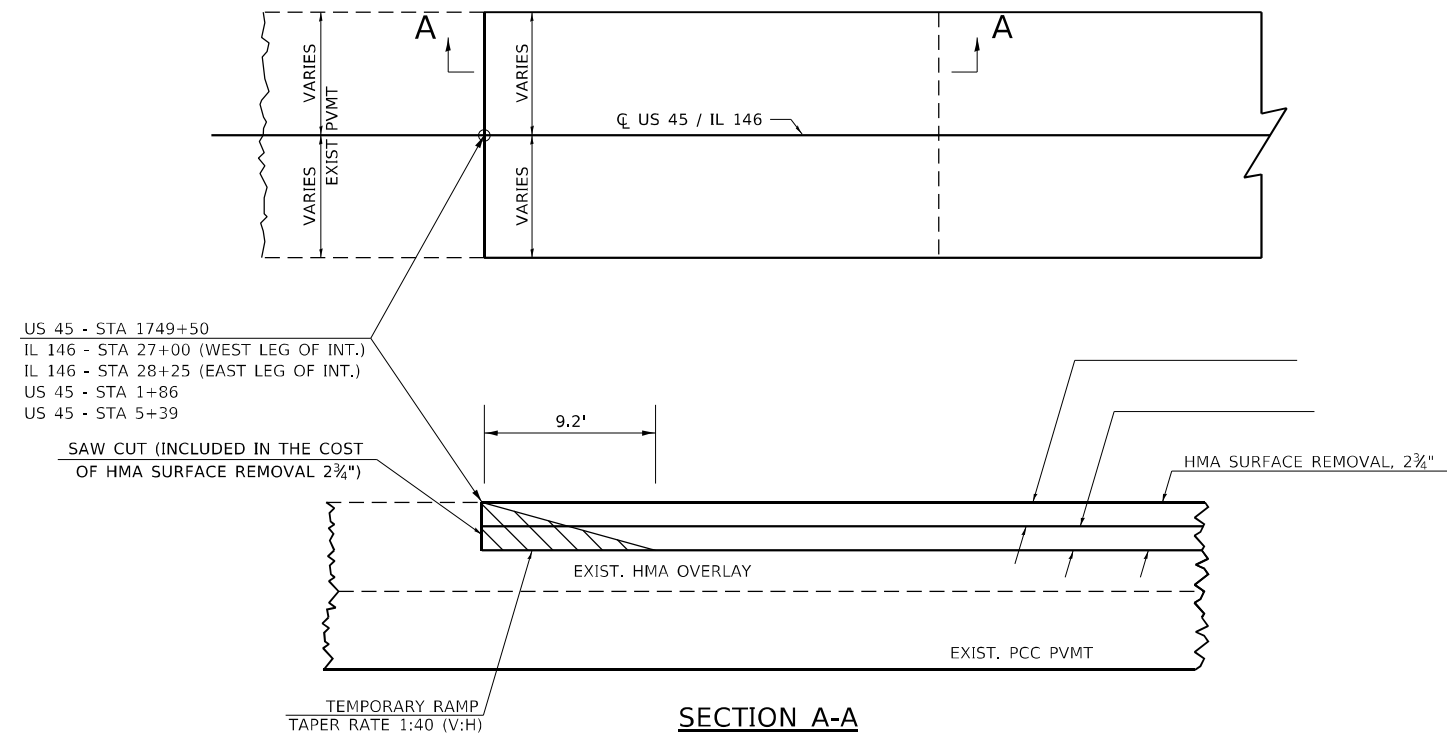
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 1 DETAILS: SURFACE REMOVAL THOUGH EXISTING BUTT JOINT, RESURFACING AT I-24 RAMPS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	31
CONTRACT NO. 78863				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: p:\data\mason.dwg
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INLAY DETAIL



US 45 - STA 1749+50
 IL 146 - STA 27+00 (WEST LEG OF INT.)
 IL 146 - STA 28+25 (EAST LEG OF INT.)
 US 45 - STA 1+86
 US 45 - STA 5+39

SAW CUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL 2 3/4")

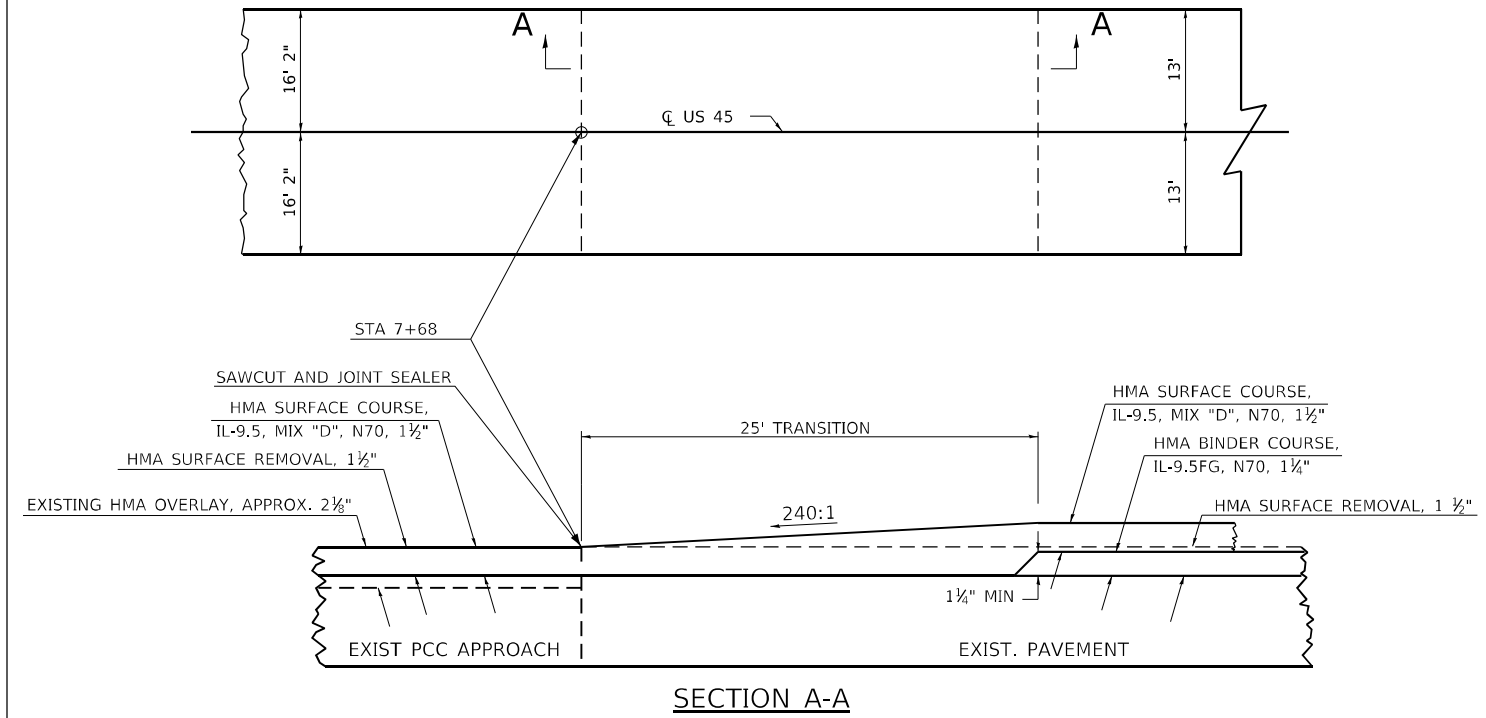
HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
 HMA BINDER COURSE, IL-9.5FG, N70, 1 1/4"
 HMA SURFACE REMOVAL, 2 3/4"

SAW CUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL 2 3/4")

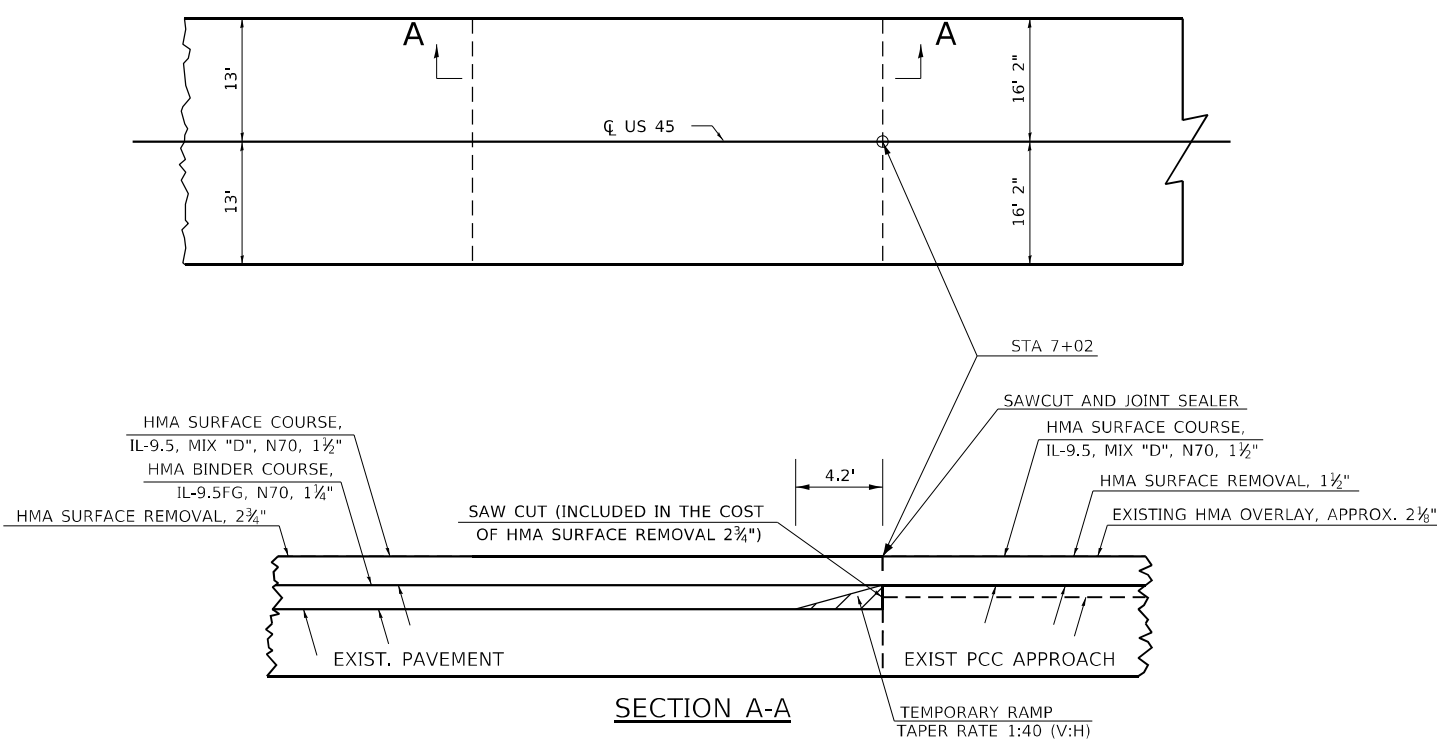
SAWCUT AND JOINT SEALER
 HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
 HMA SURFACE REMOVAL, 1 1/2"
 EXISTING HMA OVERLAY, APPROX. 2 1/8"

TEMPORARY RAMP
 TAPER RATE 1:40 (V:H)

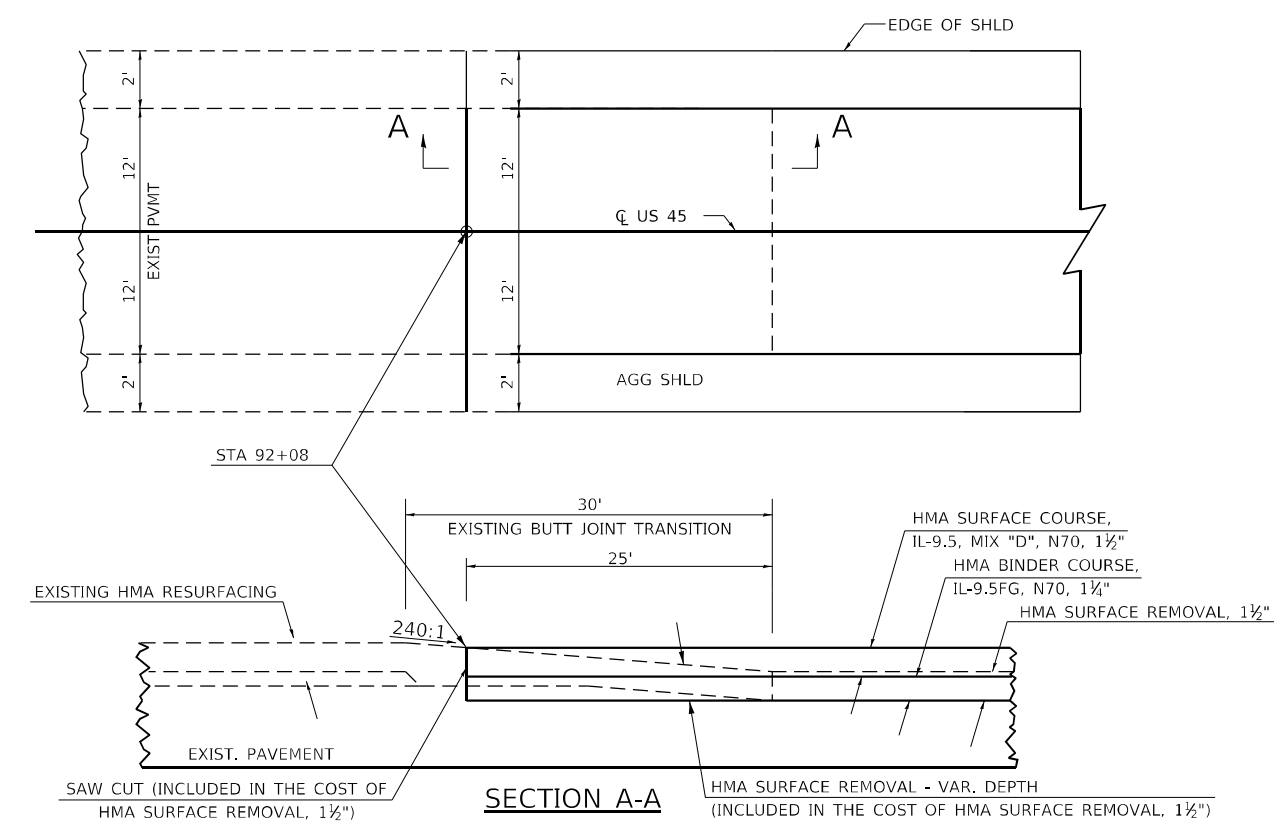
MAINLINE RESURFACING TRANSITION STA 7+68 TO STA 7+93 (SOUTH SIDE OF SN 044-0005)



MAINLINE RESURFACING TRANSITION STA 7+02 (NORTH SIDE OF SN 044-0005)



SURFACE REMOVAL THROUGH EXISTING BUTT JOINT



MODEL: Default
 FILE NAME: p:\data\mason.dwg
 PROJECT: 78863-ROADWAY-DETAILS
 PROJECT: 78863-ROADWAY-DETAILS

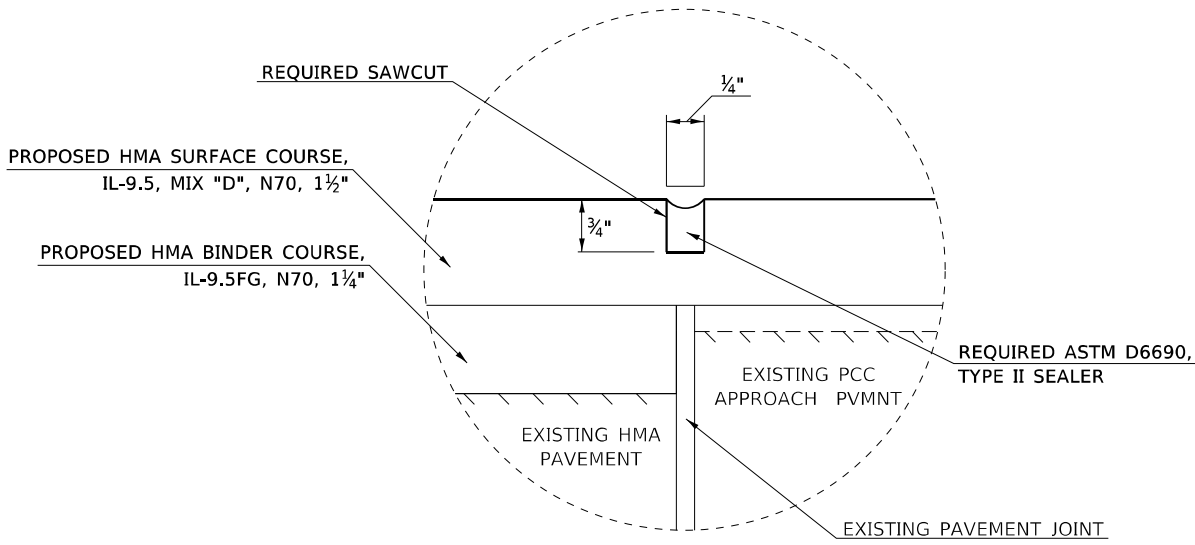
USER NAME = klrbyea	DESIGNED -	REVISD -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISD -
PLOT DATE = 4/21/2021	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 2 DETAILS: INLAY DETAIL, MAINLINE RESURFACING TRANSITION, AND SURFACE REMOVAL THROUGH EXISTING BUTT JOINT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	32
			CONTRACT NO. 78863	
			ILLINOIS FED. AID PROJECT	

DETAIL OF SAWCUT AND JOINT SEALER

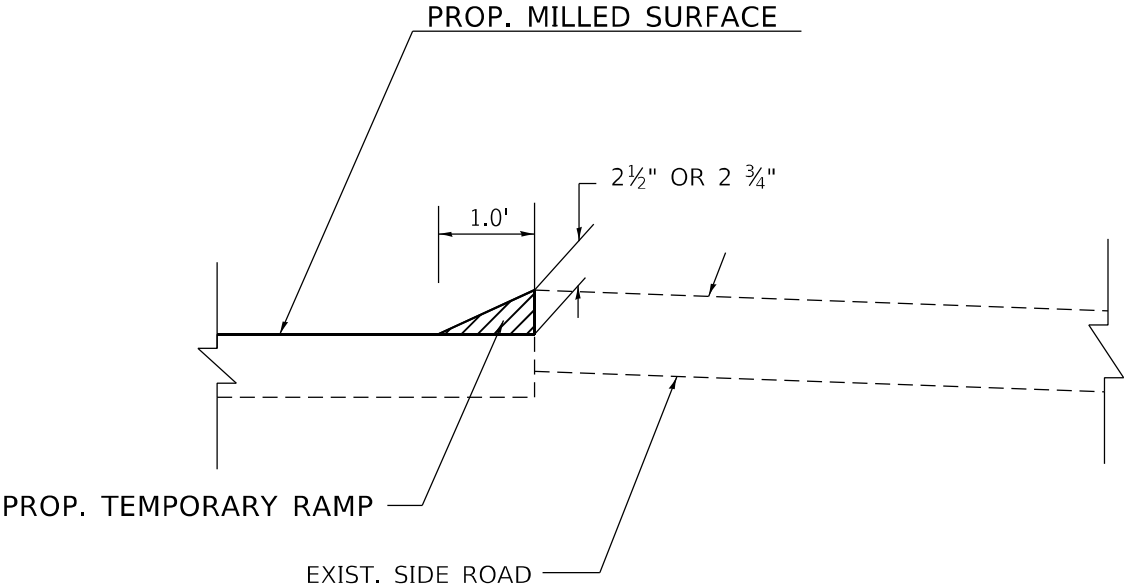


PROP. SAWCUT AND JOINT SEALER DETAIL AT SN 044-0005

NOTES

1. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2" AND INCLUDES ALL MATERIALS, MACHINERY, METHODS, AND LABOR REQUIRED TO PERFORM THIS WORK.
2. SAW CUTTING SHALL BE CENTERED OVER THE EXISTING PCC TRANSVERSE JOINT.
3. THE HOT-POURED JOINT SEALER SHALL BE PLACED ACCORDING TO ARTICLE 420.12 AND SHALL BE SUPPLIED ACCORDING TO ASTM D 6690, TYPE II AND ARTICLE 1050.02.

TEMPORARY RAMP AT SIDEROAD DETAIL



MODEL: Default
 FILE NAME: p:\pub\mroom.dwt\illinois.gov\PWIDOT\Documents\DOT_Offices\District 9\Projects\78863\CADD\Drawings\DOT\78863-Roadway_Details.dgn

USER NAME = klrbyea	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

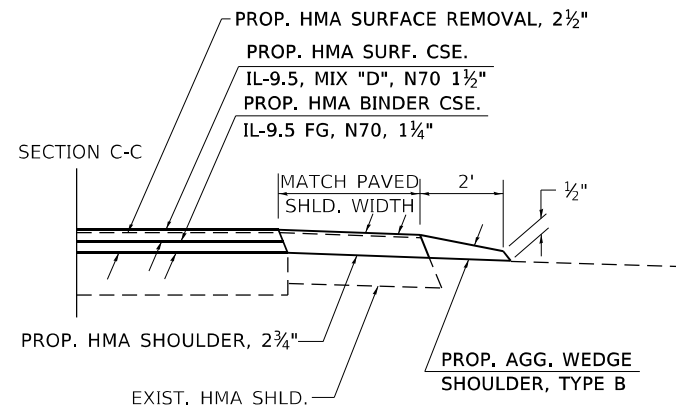
**DETAILS: SAWCUT AND JOINT SEALER, AND
TEMPORARY RAMP AT SIDEROADS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**		36	33
			CONTRACT NO. 78863	

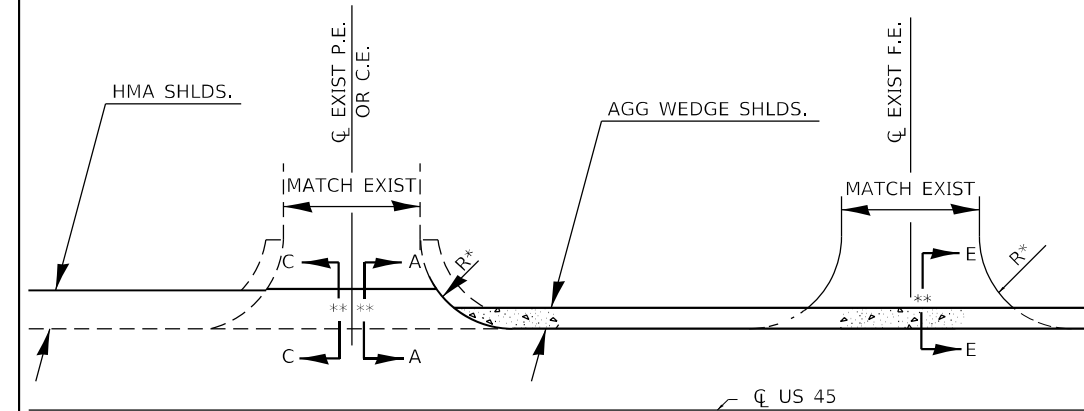
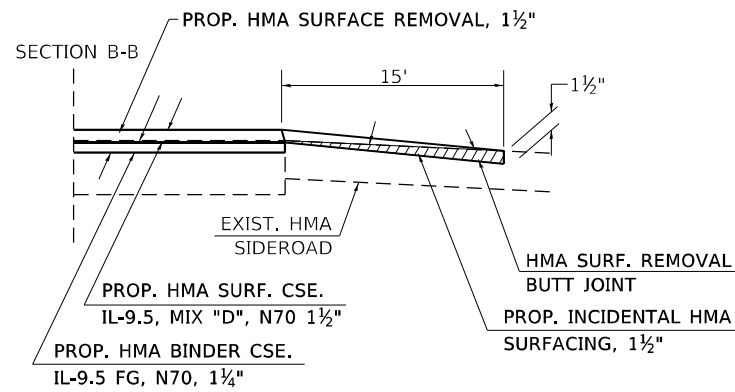
LOCATION 1 (NEAR I-24): SIDEROAD AND ENTRANCE

AGG. PRIVATE OR COMMERCIAL ENTRANCE (HMA SHLD.) 2 1/2" MAINLINE MILLING LOCATIONS

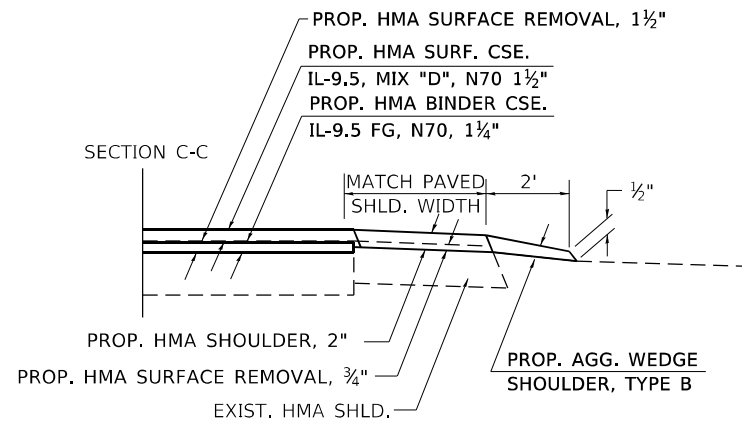


EX. HMA SIDEROADS WITH BUTT JOINT

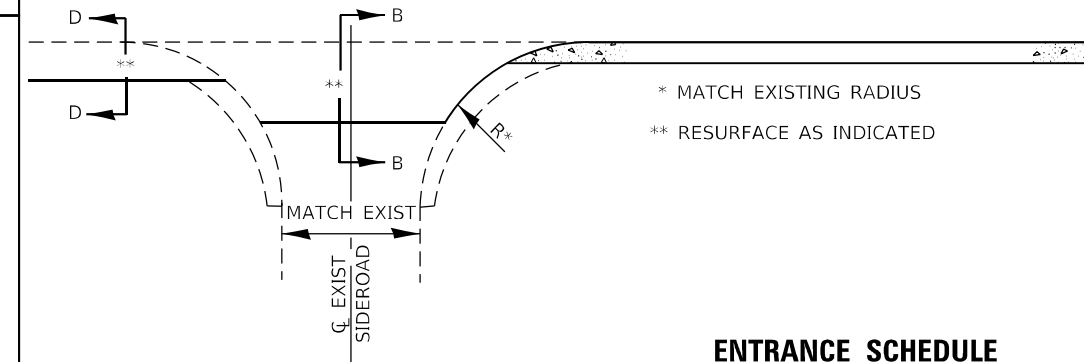
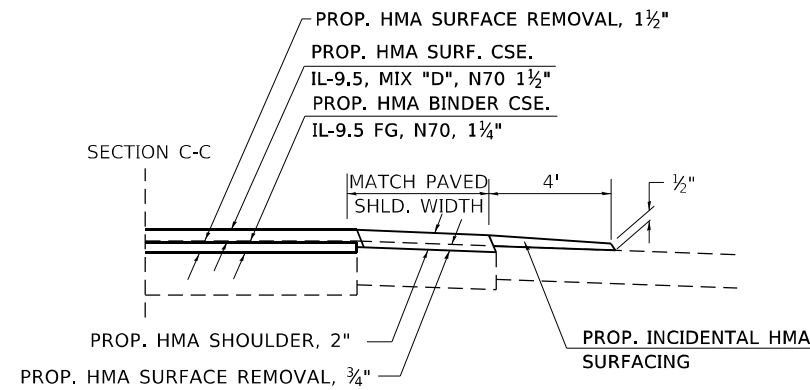
1 1/2" MAINLINE MILLING LOCATIONS



AGG. PRIVATE OR COMMERCIAL ENTRANCE (HMA SHLD.) 1 1/2" MAINLINE MILLING LOCATIONS



HMA, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE (HMA SHLD.) 1 1/2" MAINLINE MILLING LOCATIONS



ENTRANCE SCHEDULE

TYPE	NUMBER OF ENTRANCES
P.E.	9
C.E.	1

NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

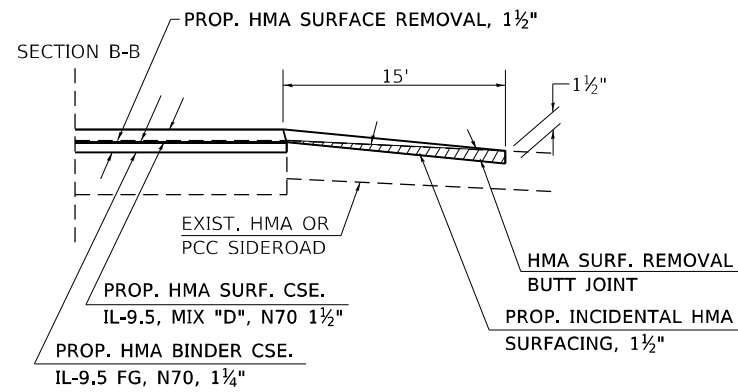
**DETAILS: LOCATION 1
SIDEROAD AND ENTRANCE**

USER NAME = klrbyea	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/21/2021	DATE -	REVISED -	

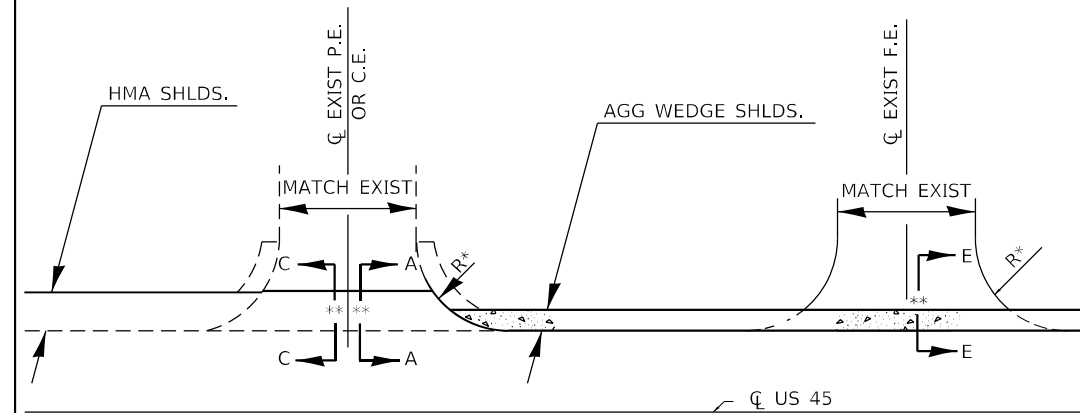
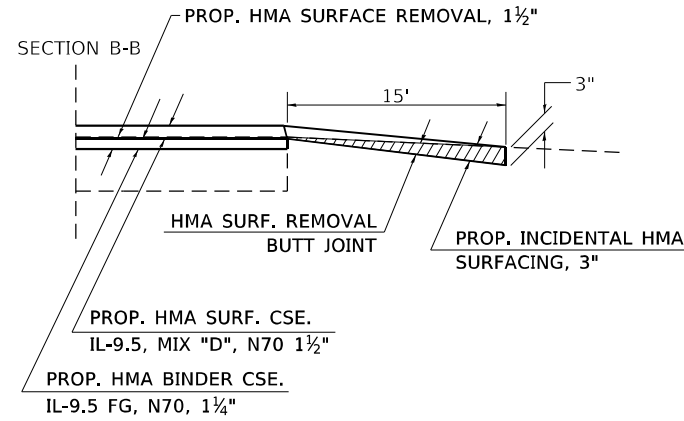
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								**	JOHNSON	36	34
										CONTRACT NO. 78863	
										ILLINOIS FED. AID PROJECT	

LOCATION 2 (NEAR IL 146): SIDEROAD AND ENTRANCE

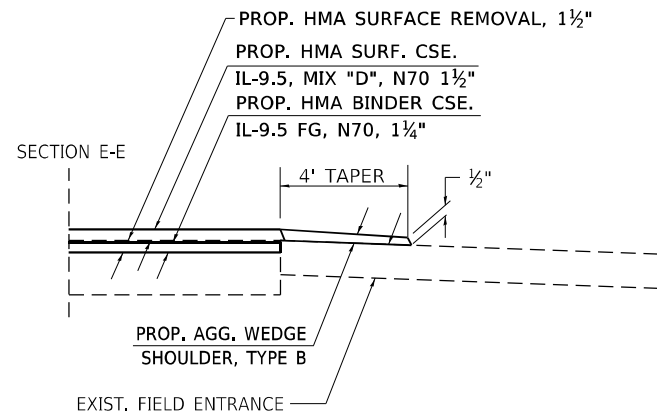
EX. HMA SIDEROADS WITH BUTT JOINT 1 1/2" MAINLINE MILLING LOCATIONS



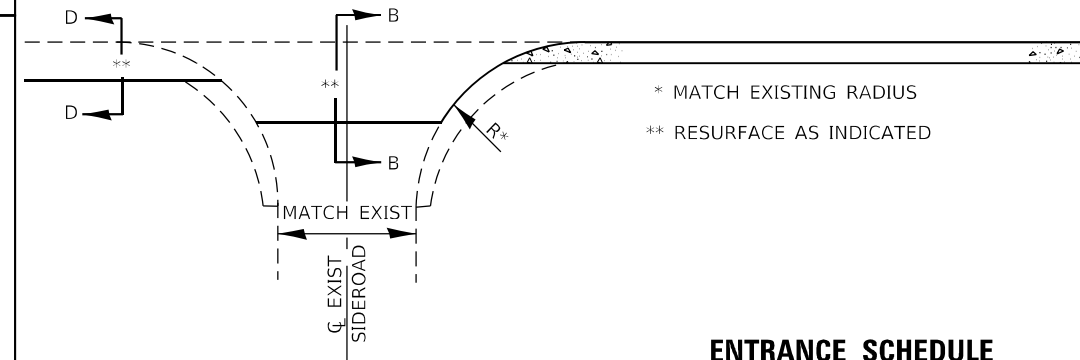
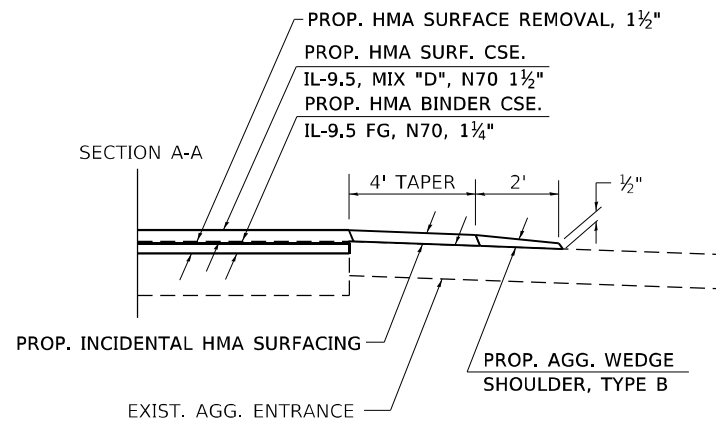
EX. AGGREGATE SIDEROAD 1 1/2" MAINLINE MILLING LOCATIONS



AGG. OR EARTH FIELD ENTRANCE 1 1/2" MAINLINE MILLING LOCATIONS



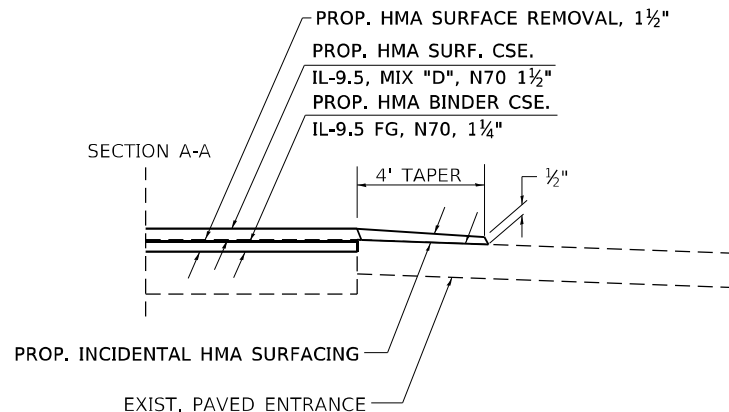
AGG. PRIVATE OR COMMERCIAL ENTRANCE 1 1/2" MAINLINE MILLING LOCATIONS



ENTRANCE SCHEDULE

TYPE	NUMBER OF ENTRANCES
P.E.	21
C.E.	0

HMA, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE 1 1/2" MAINLINE MILLING LOCATIONS



NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: LOCATION 2
SIDEROAD AND ENTRANCES**

USER NAME = klrbyea	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/21/2021	DATE -	REVISED -	

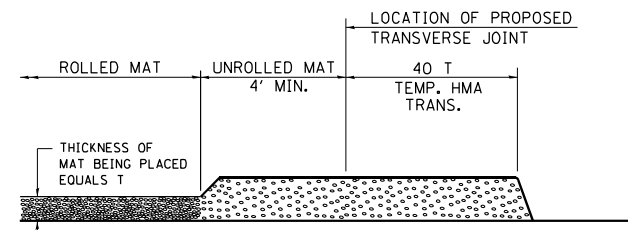
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
~	**	JOHNSON	36	35
CONTRACT NO. 78863				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS

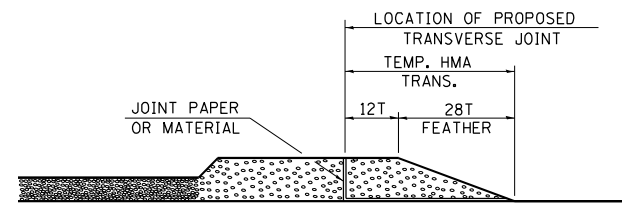
UNEVEN LANES SIGN

W8-11 (48" x 48")



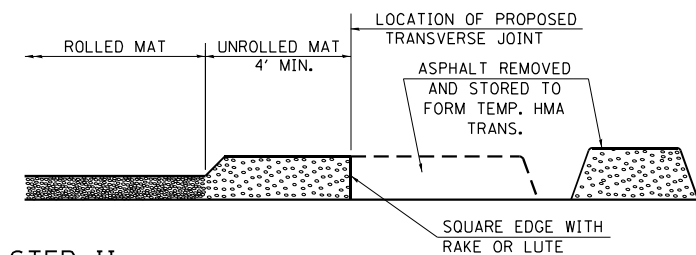
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



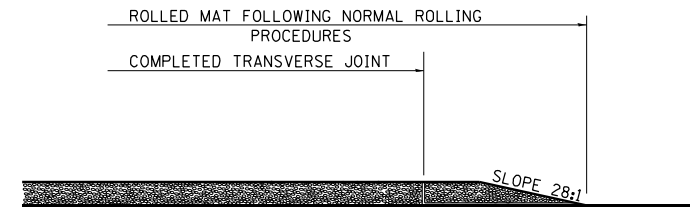
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

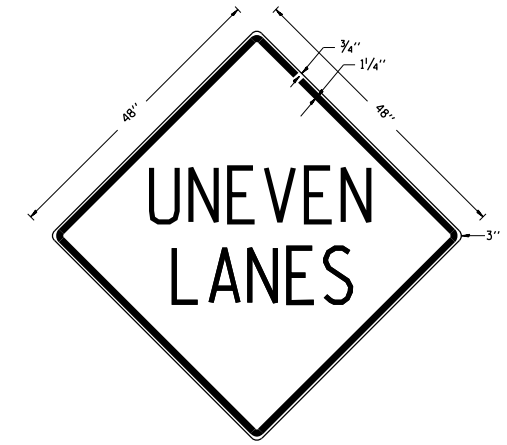


STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13



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.

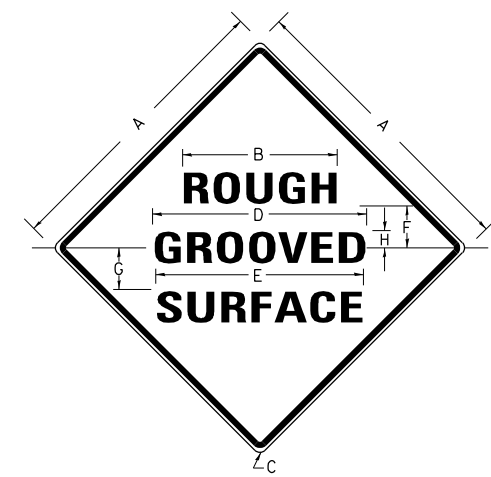
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-41

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

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.

STD. 9-39

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

MODEL: Default
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USER NAME = klrbyea	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS: ROUGH GROOVED SURFACE, UNEVEN LANES SIGN, AND TEMPORARY HMA TRANSITIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	JOHNSON	36	36
			CONTRACT NO. 78863	
ILLINOIS FED. AID PROJECT				

(36,44-5,37)RS-7;3BRS-7

*FAP 881/FAS 960