

06-16-2023 LETTING ITEM 133

FOR INDEX OF SHEETS, SEE SHEET NO. 2

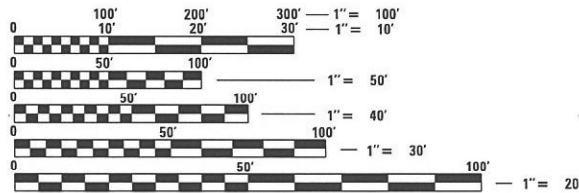
HIGHWAY STANDARDS

00000-1-08	5 42301-03	701101-05	701901-08
001001-02	606001-08	701106-02	701901-08
001006-	630001-12	701400-11	725001-01
280001-07	631031-18	701401-13	780001-05
420001-09	631033-09	701406-13	781001-04
442201-10	631011-10	701411-09	836001-04
542001-06	642001-03	701426-09	838001-01
542201-02	643001-02	701451-05	
542206-04	665001-02	701456-05	

DISTRICT STANDARDS

406001	635002
406101	780001
630101	

ADT = 15,400 (2019)
 %SU = 2.92 (2019)
 %MU = 28.9 (2019)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

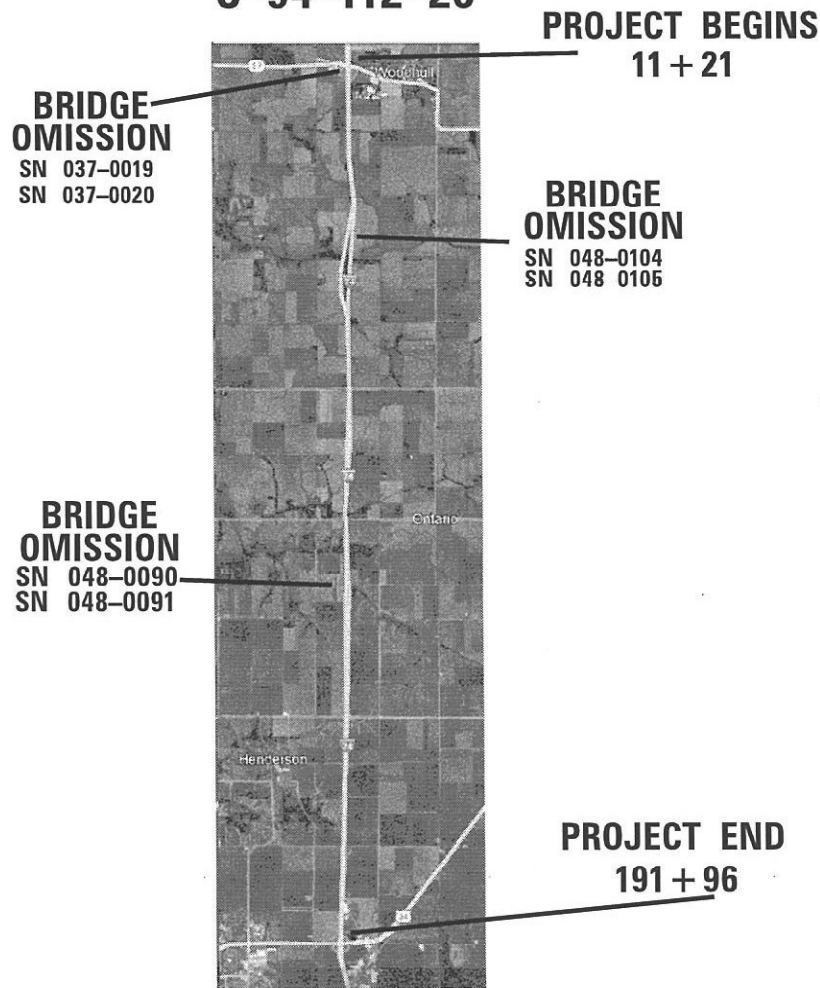
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER RICH DOTSON (309-671-3455)
 PROJECT MANAGER MICHAEL JACOB (309-671-3460)
 CATALOG NO. 036089-00D
 CONTRACT NO. 68F89

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

F.A.I. ROUTE 74 (IL 74) / IL 110
 SECTION (37-24;48-24,25,26-1)RS-4
 PROJECT NHPP-Q8NN(046)
 3R IMPROVEMNT
 HENRY AND KNOX COUNTIES
 C-94-112-20



GROSS LENGTH = 71160 FT. = 13.48 MILES
 NET LENGTH = 70802 FT. = 13.41 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	1
ILLINOIS			CONTRACT NO. 68F89	

D-94-079-20



DESCRIPTION OF WORK:

RESURFACING ON I-74/IL 110 FROM N OF WOODHULL TO N OF US 34

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 17, 2023
Ronald A. Lerner REGIONAL ENGINEER

May 12, 2023 Jack A. Etk
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 Stephen M. Smith
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

INDEX OF SHEETS:

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No commitments have been made for this project.

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- * All cold milled surfaces shall be overlaid.
- * All lanes shall be reopened to traffic.
- * Temporary or permanent pavement marking shall be placed as applicable.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

TREE REMOVAL

The District Four Tree Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum (16.0') vertical clearance shall be maintained under all structures.

BUTT JOINT CUTTING TIME RESTRICTION

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

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the standard Specifications shall be followed by each Contractor.

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.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

Based on structural analysis, the following structures can be crossed with an empty MTD with the following maximum gross weight restrictions:

- 037-0019 (40 tons)
- 037-0020 (40 tons)
- 048-0104 (40 tons)
- 048-0105 (40 tons)
- 048-0090 (40 tons)
- 048-0091 (40 tons)

Any structures not listed above shall be verified by the resident prior to beginning work.

FILE NAME :	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\1ldot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 4\Projects\04.68F89\DRAWING\CD\Sheets\FINAL FOR SUBMITTAL.dwg	PLotted	CHECKED -	REVISED -			74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	2	
Default	PLotted	DATE -	REVISED -			CONTRACT NO: 68F89					
	PLotted					SHEET	OF	SHEETS	STA.	TO	STA.

BITUMINOUS MIXTURE REQUIREMENTS

Contract **68F89**

Description **I-74 from Woodhull to Galesburg**

County **Knox**
 Marked Route **I-74**

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Ramps	Ramps	Shoulders	Shoulders	Shoulders	Mainline	Mainline
Mixture Use(s):	Polymer SMA Surface 2"	Polymer Binder 1.5"	Polymer Surface 2"	Polymer Binder 1.5"	Surface Lift	Lower Lift	Ramp D & Widening @ Median Crossover (8" Shoulder) Lower Lift	Class D Patching	Partial Depth Patch/Joint Repair/Incidental Surface
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28	PG 64-22	PG 58-28
Design Air Voids:	4.0% @ N=80	4.0% @ N=90	4.0% @ N=70	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=90	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 12.5	IL 9.5	IL 9.5	IL 9.5	IL 9.5FG	IL 9.5	IL 19.0	IL 19.0	IL 9.5
Friction Aggregate:	Mix E	N.A.	Mix E	N.A.	Mix C	N.A.	N.A.	N.A.	Mix C
Quality Management Program:	PFP	PFP	QCP	QCP	QCQA	QCQA	QCQA	QCQA	QCQA

- Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 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.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 LB/SF
Existing Pavement	0.08 LB/SF
Fog Coat (between lifts)	0.08 LB/SF

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				HENRY CO.	KNOX CO.	HENRY CO.	KNOX CO.	HENRY CO.
				901/. FEDERAL	901/. FEDERAL	1001/. STATE	1001/. STATE	901/. FEDERAL
				101/. STATE	101/. STATE	ROADWAY	ROADWAY	101/. STATE
				ROADWAY	ROADWAY	LIGHTING		
				0006	0006	0006	0006	0021
28000400	PERIMETER EROSION BARRIER	FOOT	1000	0	1000			
28000500	INLET AND PIPE PROTECTION	EACH	7	5	2			
28100225	STONE RIPRAP, CLASS B3	TON	694	236	458			
28100227	STONE RIPRAP, CLASS B4	TON	47	0	47			
28200200	FILTER FABRIC	SO YD	106	0	106			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	962250	189653	772597			
0600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	9711	4855	4856			
40600990	TEMPORARY RAMP	SO YD	1884	764	1120			
40603208	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	1518	1518	0			
40603209	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90	TON	36526	6140	30386			
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	2024	2024	0			
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	50770	8353	42417			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	149	112	37			
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	290450	55955	234495			

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SECTION	COUNTY	JHIL	SIT
74	1-37-24;48-24,25,26-IIRS-	HENRY/KNOX	74
CONTRACT NO. 6BFB9		ILLINOIS FED. AID PROJECT	

44201815

CLASS D PATCHES, TYPE II 14 INCH*

<i>LOCATION</i>	<i>LENGTH</i>	<i>WIDTH</i>	<i>AREA</i>	<i>AREA</i>
I-74			Driving Lane	Passing Lane
WBL	FOOT	FOOT	SQ YD	SQ YD
Henry County				
STA. 19+69	6	12		8
STA. 19+69	6	16	11	
STA. 24+67	6	12	8	8
STA. 24+67	6	15	10 (RAMP)	
SUBTOTAL HENRY			29	16
Knox County				
STA. 416+60	6	12	8	8
STA. 418+80	6	12	8	8
SUBTOTAL KNOX			16	16
WBL TOTAL			45	32
EBL				
Henry County				
STA. 19+72	6	12	8	8
STA. 24+59	6	12	8	8
STA. 24+59	6	15	10 (RAMP)	
SUBTOTAL HENRY			26	16
Knox County				
STA. 413+38	6	12	8	8
STA. 416+60	6	12	8	8
SUBTOTAL KNOX			16	16
EBL TOTAL			42	32
TOTAL HENRY COUNTY			87	
TOTAL KNOX COUNTY			64	

*Removal of the existing expansion joints and replacement of Class D Patches shall be paid for as "Class D Patches, Type II 14 Inch"

X2600002			
RECOVERABLE DELINEATOR			
LOCATION			EACH
I-74			
STA.	TO	STA.	
WBL			
Henry County			
11+21	TO	129+44	17
RAMP A			18
RAMP B			31
HENRY SUBTOTAL			66
Knox County			
129+44	TO	191+96	161
KNOX SUBTOTAL			161
WBL TOTAL			227
EBL			
Henry County			
11+21	TO	129+44	17
RAMP C			27
RAMP D			39
HENRY SUBTOTAL			83
Knox County			
129+44	TO	191+96	162
KNOX SUBTOTAL			162
EBL TOTAL			245
HENRYCOUNTY TOTAL			149
KNOX COUNTY TOTAL			323

X6350120	
DELINEATOR REMOVAL	
LOCATION	EACH
I-74	
Henry County	
RAMP A	18
RAMP B	31
RAMP C	27
RAMP D	39
HENRY SUBTOTAL	115

			78011035	78011045	78011065
			78004630	78004640	78004660
PREFORMED PLASTIC PAVEMENT MARKING					
GROOVING FOR RECESSED PAVEMENT MARKING			7"	9"	13"
PREFORMED PLASTIC PAVEMENT MARKING			6"	8"	12"
LOCATION			Edgeline	Centerline	
I-74					
STA.	TO	STA.	FOOT	FOOT	FOOT
WBL					
Henry County					
11+21	TO	129+44	13046	1631	1710
RAMP A			2552		
RAMP B			2686		
SUBTOTAL			18284	1631	1710
HENRY SUBTOTAL			19915	1710	260
Knox County					
129+44	TO	191+96	128710	16119	
SUBTOTAL			128710	16119	
KNOX SUBTOTAL			144829		
WBL TOTAL			164744		
EBL					
Henry County					
11+21	TO	129+44	13046	1631	1325
RAMP C			3509		
RAMP D			4075		
SUBTOTAL			20630	1631	1325
HENRY SUBTOTAL			22261	1325	170
Knox County					
129+44	TO	191+96	128950	16089	
SUBTOTAL			128950	16089	
KNOX SUBTOTAL			145039		
EBL TOTAL			167300	1325	170
Henry Grand Total			42176	3035	430
Knox Grand Total			289868		

			78100100	78300200
RAISED REFLECTIVE PAVEMENT MARKER AND REMOVAL				
LOCATION			RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE MARKER REMOVAL
			ONE WAY CRYSTAL	
I-74				
STA.	TO	STA.	EACH	EACH
WBL				
Henry County				
11+21	TO	129+44	82	82
RAMP A			15	15
RAMP B			39	39
HENRY SUBTOTAL			136	136
Knox County				
129+44	TO	191+96	805	805
KNOX SUBTOTAL			805	805
WBL TOTAL			941	941
EBL				
Henry County				
11+21	TO	129+44	82	82
RAMP C			28	28
RAMP D			24	24
HENRY SUBTOTAL			134	134
Knox County				
129+44	TO	191+96	806	806
KNOX SUBTOTAL			806	806
EBL TOTAL			940	940
Henry Grand Total			270	270
Knox Grand Total			1611	1611

		70300221	70300241	
TEMPORARY PAVEMENT MARKING- PAINT				
LOCATION		4"	6"	
I-74		EDGELINE	CENTERLINE	
STA.	TO	STA.	FOOT	
WBL				
Henry County				
11+21	TO	129+44	13046	1631
RAMP A			2552	
RAMP B			2686	
HENRY SUBTOTAL			18284	1631
2 APPLICATIONS			36568	3262
Knox County				
129+44	TO	191+96	128710	16119
KNOX SUBTOTAL			128710	16119
2 APPLICATIONS			257420	32238
WBL TOTAL			293988	35500
EBL				
Henry County				
11+21	TO	129+44	13046	1631
RAMP C			3509	
RAMP D			4075	
HENRY SUBTOTAL			20630	1631
2 APPLICATIONS			41260	3262
Knox County				
129+44	TO	191+96	128950	16089
KNOX SUBTOTAL			128950	16089
2 APPLICATIONS			257900	32178
EBL TOTAL			299160	35440
Henry Grand Total			77828	6524
Knox Grand Total			515320	64416
*NOTE: Location of the temporary pavement markings on the finished SMA surface shall be at the same location of the final pavement markings so that it's removal will be included with the grooving for the final pavement markings				

		70300100	70300150	
SHORT-TERM PAVEMENT MARKING				
LOCATION		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	
I-74				
STA.	TO	STA.	FOOT	SQUARE FOOT
WBL				
Henry County				
11+21	TO	129+44	1013	344
3 Applications			3039	
HENRY SUBTOTAL			3039	344
Knox County				
129+44	TO	191+96	7723	2626
3 Applications			23169	
KNOX SUBTOTAL			23169	2626
WBL TOTAL			26208	2970
EBL				
Henry County				
11+21	TO	129+44	1075	366
3 Applications			3225	
HENRY SUBTOTAL			3225	366
Knox County				
129+44	TO	191+96	7738	2631
3 Applications			23214	
KNOX SUBTOTAL			23214	2631
EBL TOTAL			26439	2997
Henry Grand Total			6264	710
Knox Grand Total			46383	5257

Z0033600	
LONGITUDINAL JOINT REPAIR	
LOCATION	FOOT
WBL	
Henry County	
RAMP A	500
RAMP B	500
Mainline	
Begin Job - STA. 129+44	11800*
Knox County	
STA. 129+44 - STA. 191+96	58500
Subtotal Henry	12800
Winter Break-UP (Add 25%)	3200
Henry Total	16000
Subtotal Knox	58500*
Winter Break-UP (Add 25%)	14625
Knox Total	73125
WBL TOTAL	89125
EBL	
Henry County	
Ramp C	1000
Ramp D	300
Mainline	
STA. 11+21 - STA. 129+44	
Knox County	
STA. 129+44 - MM 36	5000
MM 36 - MM 39	3000
MM 39 - MM 42	2000
MM 42 - STA. 191+96	3000
Subtotal Henry	1300
Winter Break-UP (Add 25%)	325
Henry Total	1625
Subtotal Knox	13000
Winter Break-UP (Add 25%)	3250
Knox Total	16250
EBL TOTAL	17875
Henry County Grand total	17625
Knox County Grand total	89375

*Centerline

		X6431120	64300450
IMPACT ATTENUATOR			
LOCATION	REMOVE IMPACT ATTENUATOR SAND MODULE	IMPACT ATTENUATOR (NON REDIRECTIVE TEST LEVEL 3)	
I-74 (Median)	EACH	EACH	
Henry County			
STA. 76+44	2	2	
SUBTOTAL HENRY	2	2	
Knox County			
STA. 236+49	2	2	
STA. 289+70	2	2	
STA. 396+09	2	2	
STA. 26+45	2	2	
STA. 65+34	2	2	
STA. 132+45	2	2	
SUBTOTAL KNOX	12	12	
TOTAL	14	14	
HENRY TOTAL	2	2	
KNOX TOTAL	12	12	

		25000750
Mowing		
LOCATION	ACRE	
I-74		
WBL		
Henry County		
STA. 11+21 - 129+44	9	
4 Mowings	36	
Knox County		
STA. 129+44 - STA. 191+96	63	
4 Mowings	252	
EBL		
Henry County		
STA. 11+21 - 129+44	9	
4 Mowings	36	
Knox County		
STA. 129+44 - STA. 191+96	63	
4 Mowings	252	
HENRY COUNTY TOTAL	72	
KNOX COUNTY TOTAL	504	

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	16	
PLOT DATE = 3/23/2023	CHECKED -	REVISED -			CONTRACT NO. 68F 89		ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

							X0556100	X4421000	
PARTIAL DEPTH PATCHING 3"									
LOCATION		Length	Width	Driving Lane	Passing Lane	Number of patches	PARTIAL DEPTH PATCHING SPECIAL	PARTIAL DEPTH PATCHING	
		FOOT	FOOT				SQYD	TON	
WBL									
Henry County									
RAMP A		6	16			3	32	5	
RAMP B		6	16			2	21	4	
Mainline									
Begin Job	TO	County Line	6	12	1		1	8	1
			10	12		1	1	13	2
			15	12	1		1	20	3
			150	12		1	1	200	34
			200	6	1		1	133	22
200	12	1		1	267	45			
Knox County							695	117	
County Line	TO	MM 37	6	12	1	1	2	16	3
			15	12	1		1	20	3
			20	12	1	2	3	80	13
MM 37	TO	MM 39	6	12	2	1	3	24	4
			12	12		1	1	16	3
			40	6	1		1	27	4
MM 39	TO	MM 43	6	12	2	1	3	24	4
			15	12	1		1	20	3
			20	12	1		1	27	4
			40	12	1		1	53	9
			100	6	1		1	67	11
240	12	1		1	320	54			
MM 43	TO	End Job	10	12	2		2	27	4
			60	12		1	1	80	13
SUBTOTAL Henry				4	2	11	695	117	
Winter Break-UP (ADD 25%)							174	29	
Henry Total							868	146	
SUBTOTAL Knox				15	7	22	800	134	
Winter Break-UP (ADD 25%)							200	34	
Knox Total							1000	168	
WBL TOTAL							1868	314	

							X0556100	X4421000	
PARTIAL DEPTH PATCHING 3"									
LOCATION		Length	Width	Driving Lane	Passing Lane	Number of patches	PARTIAL DEPTH PATCHING SPECIAL	PARTIAL DEPTH PATCHING	
		FOOT	FOOT				SQYD	TON	
EBL									
Henry County									
RAMP C		6	16			1	11	2	
		10	16			1	18	3	
		12	16			1	21	4	
		50	8			1	44	7	
		50	16			1	89	15	
		100	8			1	89	15	
RAMP D		150	16			1	267	45	
		600	16			1	1067	179	
Begin Job		TO	County Line			1	1296	218	
Begin Job	TO	County Line	20	12	1	1	2	53	9
			50	12	1		1	67	11
			150	12	1	1	2	400	67
Knox County							3421	575	
County Line	TO	MM 36	6	12	8	5	13	104	17
			10	12	1	1	2	27	4
			20	12	1		1	27	4
MM 36	TO	MM 40	6	12	7	4	11	88	15
			10	6	2		2	13	2
			10	12	2	2	4	53	9
			15	12	1		1	20	3
			20	12	2		2	53	9
25	12	1		1	33	6			
MM 40	TO	MM 42	6	12	9	6	15	120	20
			16	12	1		1	21	4
			20	12	1		1	27	4
MM 42	TO	End Job	6	12	2		2	16	3
			10	12	2		2	27	4
			15	12	1		1	20	3
SUBTOTAL Henry				3	2	14	3421	575	
Winter Break-UP (ADD 25%)							855	144	
Henry Total							4277	718	
SUBTOTAL Knox				41	18	59	649	109	
Winter Break-UP (ADD 25%)							162	27	
Knox Total							812	136	
EBL TOTAL							5088	855	
HENRY GRAND TOTAL							5145	864	
KNOX GRAND TOTAL							1812	304	

	63200310	63100167	63000001	63100045	63100085	63100089	78200005	72501000	Z0001002	X0327809	60600605
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SCHEDULE OF GUARDRAIL QUANTITIES

LOCATION				GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPACIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6B	GUARDRAIL REFLECTOR TYPE A	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL	LINEAR DELINEATOR PANELS 4 INCH	CONCRETE CURB TYPE B
STATION	TO	STATION	LT/RT *	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	TON	EACH	FOOT

I-74 WESTBOUND

Henry County

76+24	TO	79+19	RT	295	1	250			1	4	1	44	4	
125+96	TO	129+49	RT	353	1	300	1			5	1	52	5	
SUB TOTAL				648	2	550	1		1	9	2	96	9	

Knox County

27+79	TO	28+07	LT									1		
27+99	TO	28+27	RT									1		
29+60	TO	33+20	RT									15		
29+41	TO	34+32	LT									20		
230+13	TO	235+05	LT	492	1	438	1			7	1	72	7	
232+31	TO	235+70	RT	339	1	275	1			5	1	49	5	
236+41	TO	239+38	RT	297	1	212			1	4	1	44	4	
289+65	TO	292+61	RT	296	1	212			1	4	1	44	4	
389+50	TO	396+00	RT	650		625	1	1		9		96	9	
396+12	TO	398+96	RT	284	1	200			1	4	1	42	4	15
414+94	TO	416+57	LT									7		
415+04	TO	416+67	RT									7		
417+79	TO	421+12	LT									13		
417+89	TO	420+48	RT									11		
432+92	TO	436+30	LT		1	275	1			4	1	50	4	
432+72	TO	436+30	RT		1	275	1			4	1	50	4	
444+98	TO	448+30	RT		1	275	1			4	1	50	4	
26+36	TO	32+96	RT	660	1	550			1	8	1	91	8	
65+25	TO	68+22	RT	297	1	200			1	4	1	42	4	
118+94	TO	122+22	RT	328	1	275	1			4	1	50	4	
132+37	TO	135+62	RT	325	1	225			1	4	1	46	4	
SUB TOTAL				3968	12	4037	7	1	6	65	12	801	65	

	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	18	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68F 89					
	PLOT DATE = 3/23/2023	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

	63200310	63100167	63000001	63100045	63100085	63100089	78200005	72501000	Z0001002	X0327809	60600605
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SCHEDULE OF GUARDRAIL QUANTITIES

LOCATION				GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPACIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6B	GUARDRAIL REFLECTOR TYPE A	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL	LINEAR DELINEATOR PANELS 4 INCH	CONCRETE CURB TYPE B
STATION	TO	STATION	LT/RT *	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	TON	EACH	FOOT

I-74 EASTBOUND

Henry County														
74+25	TO	76+43	RT	218	1	150			1	3	1	35	3	
121+91	TO	125+35	RT	344	1	300	1			5	1	52	5	
SUB TOTAL				562	2	450	1		1	8	2	87	8	

Knox County														
173+88	TO	177+32	LT									14		
174+31	TO	177+33	RT									12		
178+81	TO	179+10	LT									1		
178+87	TO	179+15	RT									1		
221+55	TO	225+05	LT		1	287	1			5	1	50	5	
222+17	TO	225+05	RT		1	225	1			4	1	42	4	
227+72	TO	231+13	LT	341	1	275	1			5	1	49	5	
234+22	TO	236+53	RT	231	1	150		1		3	1	35	3	
237+45	TO	239+75	RT	230	1	150		1		3	1	35	3	
302+46	TO	304+51	RT	205										
385+99	TO	396+22	RT	1023	1	925		1		13	1	144	13	
410+56	TO	415+31	LT									19		
409+70	TO	415+31	RT									23		
416+83	TO	417+43	LT									3		
416+83	TO	417+43	RT									3		
430+09	TO	436+16	LT	607	1	550	1			8	1	87	8	
442+44	TO	445+84	LT	344	1	287	1			5	1	51	5	
443+00	TO	446+45	RT	345	1	287	1			5	1	51	5	
23+85	TO	26+54	RT	269	1	175		1		4	1	38	4	
62+22	TO	65+54	RT	332	1	237		1		5	1	47	5	
82+41	TO	85+60	RT	295	1	262	1			4	1	47	4	
102+93	TO	104+98	RT	205										
115+30	TO	119+80	RT	230	1	388	1			6	1	65	6	
125+88	TO	132+59	RT	671	1	175		1		4	1	39	4	
157+14	TO	160+19	RT	305	1	237	1			4	1	44	4	
SUB TOTAL				5633	15	4610	9	0	6	78	15	900	78	
HENRY COUNTY TOTAL				1210	4	1000	2	0	2	17	4	183	17	0
KNOX COUNTY TOTAL				9601	27	8647	16	1	12	143	27	1701	143	15

*LEFT AND RIGHT ARE RELATED TO THE DIRECTION OF TRAFFIC

USER NAME = Mike.Jacobs PLOT SCALE = 100.0000' / in. PLOT DATE = 3/23/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE. SECTION COUNTY CONTRACT NO.	TOTAL SHEETS SHEET NO. ILLINOIS FED. AID PROJECT
			SCALE:	SHEET OF SHEETS	STA. TO STA.	74 19

WB I 74 MAINLINE PAVEMENT TABLE

STATION	FROM	TO	STA.	TO	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.5"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	TEMP RAMP	POLY BINDER IL-9.5 N90	POLY SMA SURF IL- 12.5 N80	POLY BINDER IL-9.5 N90	POLY SUR IL- 9.5 N70	POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE
														MAINLINE	MAINLINE	RAMPS	RAMPS	RATES USED FOR CALCS. (LB/SQ)		
																		0.08	0.08	
														1.50"	2"	1.50"	2"	Milled Surface	HMA Lifts	
TON	TON	TON	TON	LB.	LB.	TON														
WESTBOUND																				
HENRY COUNTY MAINLINE STA 11+21 TO 129+44																				
STA.	011+21.00	TO	STA.	012+01.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
STA.	012+01.00	TO	STA.	012+41.00	40	28	124	0	0	0	0	124	27	10	14	0	0	90	90	24
STA.	012+41.00	TO	STA.	019+99.00	758	28	2358	2358	0	0	0	0	0	198	264	0	0	1698	1698	462
STA.	019+99.00	TO	STA.	020+39.00	40	28	124	0	0	0	0	124	27	10	14	0	0	90	90	24
STA.	020+39.00	TO	STA.	021+19.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 037-0020 - STA 21+19 TO 23+70																				
STA.	023+70.00	TO	STA.	024+50.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
STA.	024+50.00	TO	STA.	024+90.00	40	28	124	0	0	0	0	124	27	10	14	0	0	90	90	24
STA.	024+90.00	TO	STA.	074+29.00	4939	28	15366	15366	0	0	0	0	0	1291	1721	0	0	11063	11063	3012
STA.	074+29.00	TO	STA.	075+69.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	075+69.00	TO	STA.	076+44.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 399 S.N. 037-0105 OVERHEAD STRUCTURE STA 76+44																				
STA.	076+44.00	TO	STA.	077+19.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	077+19.00	TO	STA.	078+59.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	078+59.00	TO	STA.	129+44.00	5085	28	15820	15820	0	0	0	0	0	1329	1772	0	0	11390	11390	3101
MILL WIDE/ PAVE WIDE					11572	1.0	1286	0	1286	0	0	0	0	108	144	0	0	1350	926	252
TOTAL HENRY COUNTY MAINLINE					11572		37288	33544	1286	871	467	1120	222	3069	4176	0	0	54118		7246
HENRY COUNTY IL 17 RAMPS AND TAPERS																				
RAMP A TAPER (I 74 STATIONING)																				
STA.	017+04.00	TO	STA.	019+99.00	295	VAR	96	96	0	0	0	0	0	0	0	8	11	59	69	19
STA.	019+99.00	TO	STA.	020+39.00	40	VAR	28	0	0	0	0	28	0	0	0	2	3	20	20	5
STA.	020+39.00	TO	STA.	021+19.00	80	VAR	67	0	0	0	0	67	0	0	0	6	8	48	48	13
BRIDGE OMISSION - SN 037-0020 - STA 21+19 TO 23+70																				
STA.	023+70.00	TO	STA.	024+10.00	40	VAR	61	0	0	0	0	61	0	0	0	5	7	44	44	12
STA.	024+10.00	TO	STA.	024+90.00	80	VAR	133	0	0	0	0	133	0	0	0	11	15	96	96	26
STA.	024+90.00	TO	STA.	025+03.78	14	VAR	424	424	0	0	0	0	0	0	0	36	47	305	305	83
RAMP A (I 74 STA 25+03.78 = RAMP A STA 16+37.23)																				
STA.	001+58.00	TO	STA.	002+38.00	80	20	178	0	0	0	0	178	36	0	0	15	20	128	128	35
STA.	002+38.00	TO	STA.	002+78.00	40	20	89	0	0	0	0	89	27	0	0	7	10	54	64	17
STA.	002+78.00	TO	STA.	013+04.00	1026	20	2280	2280	0	0	0	0	0	0	0	192	255	1642	1642	447
STA.	013+04.00	TO	STA.	016+37.00	333	16	592	592	0	0	0	0	0	0	0	50	66	426	426	116
RAMP B (I 74 STA 42+60 = RAMP B STA 0+00)																				
STA.	000+00.00	TO	STA.	016+34.00	1634	20	3631	3631	0	0	0	0	0	0	0	305	407	2614	2614	712
STA.	016+34.00	TO	STA.	016+74.00	40	20	89	0	0	0	0	89	27	0	0	7	10	54	64	17
STA.	016+74.00	TO	STA.	017+54.00	80	20	178	0	0	0	0	178	36	0	0	15	20	128	128	35
RAMP B TAPER (I 74 STATIONING)																				
STA.	042+59.66	TO	STA.	045+04.38	245	VAR	245	245	0	0	0	0	0	0	0	21	27	176	176	48
MILL WIDE/ PAVE WIDE					4027	0.5	224	0	224	0	0	0	0	0	0	19	25	470	322	44
TOTAL HENRY COUNTY IL 17 RAMPS AND TAPERS					4027		8090	7268	224	0	0	822	124	0	0	680	906	12442		1586
TOTAL HENRY COUNTY					15599		45378	40812	1509	871	467	1942	347	3069	4176	680	906	66560		8831

USER NAME = Mike.Jacobs DESIGNED - DRAWN - PLOT SCALE = 100.0000' / in. PLOT DATE = 3/23/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE. 74 SECTION 37-24, 48-24, 25, 26-11RS-4 COUNTY HENRY/KNOX CONTRACT NO. 68F 89	TOTAL SHEETS 74 SHEET NO. 20	SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
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WB I 74 MAINLINE PAVEMENT TABLE

STA.	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.5"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	TEMP RAMP	POLY BINDER IL-9.5 N90	POLY SMA SURF IL- 12.5 N80	POLY BINDER IL-9.5 N90	POLY SUR IL- 9.5 N70	POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE				
														RATES USED FOR CALCS. (LB/SQ)						
														0.08	0.08					
														Milled Surface	HMA Lifts					
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	LB.	LB.	TON				
WESTBOUND																				
KNOX COUNTY STA 129+44 TO 191+66																				
STA.	129+44.00	TO	STA.	154+85.28	2541	28	7906	7906	0	0	0	0	0	664	885	0	0	5692	5692	1550
STATION EQUATION 154+85.28 BK = 5+00 AH																				
STA.	005+00.00	TO	STA.	026+84.00	2184	28	6795	6795	0	0	0	0	0	571	761	0	0	4892	4892	1332
STA.	026+84.00	TO	STA.	027+24.00	40	28	124	0	0	0	124	27	0	10	14	0	0	90	90	24
STA.	027+24.00	TO	STA.	028+04.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 048-0015 - STA 28+04 - 29+78																				
STA.	029+78.00	TO	STA.	030+58.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
STA.	030+58.00	TO	STA.	030+98.00	40	28	124	0	0	0	124	27	0	10	14	0	0	90	90	24
STA.	030+98.00	TO	STA.	083+21.00	5223	28	16249	16249	0	0	0	0	0	1365	1820	0	0	11700	11700	3185
STA.	083+21.00	TO	STA.	084+61.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	084+61.00	TO	STA.	085+36.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 21 S.N. 048-0063 OVERHEAD STRUCTURE STA 85+36																				
STA.	085+36.00	TO	STA.	085+66.00	30	28	93	0	0	0	93	0	36	8	10	0	0	67	67	18
STATION EQUATION 85+66 BK = 236+79 AH																				
STA.	236+79.00	TO	STA.	237+24.00	45	28	140	0	0	0	140	0	0	12	16	0	0	101	101	27
STA.	237+24.00	TO	STA.	238+64.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	238+64.00	TO	STA.	287+55.00	4891	28	15216	15216	0	0	0	0	0	1278	1704	0	0	10956	10956	2982
STA.	287+55.00	TO	STA.	288+95.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	288+95.00	TO	STA.	289+70.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 2 S.N. 048-0037 OVERHEAD STRUCTURE STA 289+70																				
STA.	289+70.00	TO	STA.	290+45.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	290+45.00	TO	STA.	291+85.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	291+85.00	TO	STA.	393+94.00	10209	28	31761	31761	0	0	0	0	0	2668	3557	0	0	22868	22868	6225
STA.	393+94.00	TO	STA.	395+34.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	395+34.00	TO	STA.	396+09.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 35 S.N. 048-0036 OVERHEAD STRUCTURE STA 396+09																				
STA.	396+09.00	TO	STA.	396+84.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	396+84.00	TO	STA.	398+24.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	398+24.00	TO	STA.	415+23.00	1699	28	5286	5286	0	0	0	0	0	444	592	0	0	3806	3806	1036
STA.	415+23.00	TO	STA.	415+63.00	40	28	124	0	0	0	124	27	0	10	14	0	0	90	90	24
STA.	415+63.00	TO	STA.	416+43.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 048-0091 - STA 416+43 - 418+06																				
STA.	418+06.00	TO	STA.	418+86.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
STA.	418+86.00	TO	STA.	419+26.00	40	28	124	0	0	0	124	27	0	10	14	0	0	90	90	24
STA.	419+26.00	TO	STA.	469+63.00	5037	28	15671	15671	0	0	0	0	0	1316	1755	0	0	11283	11283	3071
0																				
STA.	469+44.00	TO	STA.	530+12.00	6068	28	18878	18878	0	0	0	0	0	1586	2114	0	0	13592	13592	3700
STATION EQUATION 530+12 BK = 1+00 AH																				
STA.	001+00.00	TO	STA.	024+30.00	2330	28	7249	7249	0	0	0	0	36	0	812	0	0	5219	5219	812
STA.	024+30.00	TO	STA.	025+70.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	025+70.00	TO	STA.	026+45.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
0																				
STA.	026+45.00	TO	STA.	027+20.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	027+20.00	TO	STA.	028+60.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	028+60.00	TO	STA.	063+19.00	3459	28	10761	10761	0	0	0	0	0	904	1205	0	0	7748	7748	2109
STA.	063+19.00	TO	STA.	064+59.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	064+59.00	TO	STA.	065+34.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 37 S.N. 048-0061 OVERHEAD STRUCTURE STA 65+34																				
STA.	065+34.00	TO	STA.	066+09.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	066+09.00	TO	STA.	067+49.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	067+49.00	TO	STA.	130+30.00	6281	28	19541	19541	0	0	0	0	0	1641	2189	0	0	14069	14069	3830
STA.	130+30.00	TO	STA.	131+70.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	131+70.00	TO	STA.	132+45.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 21 S.N. 048-0060 OVERHEAD STRUCTURE STA 132+45																				
STA.	132+45.00	TO	STA.	133+20.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	133+20.00	TO	STA.	134+60.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	134+60.00	TO	STA.	190+76.00	5616	28	17472	17472	0	0	0	0	0	1468	1957	0	0	12580	12580	3425
STA.	190+76.00	TO	STA.	191+16.00	40	28	124	0	0	0	124	27	0	10	14	0	0	90	90	24
STA.	191+16.00	TO	STA.	191+96.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
MILL WIDE/ PAVE WIDE					58718	1.0	6524	0	6524	0	0	0	0	548	731	0	0	6850	9395	1279
TOTAL KNOX COUNTY					58718		189203	172786	6524	5227	2800	1867	560	14632	21191	0	0	279303		35092
TOTAL					74317		234581	213598	8034	6098	3267	3809	907	17701	25367	680	906	345863		43923

EB I 74 MAINLINE PAVEMENT TABLE

STATION	TO	FROM	STA.	STA.	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	TEMP RAMP	POLY BINDER IL-9.5 N90	POLY SMA SURF IL- 12.5 N80	POLY BINDER IL-9.5 N90	POLY SUR IL- 9.5 N70	POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE
																		RATES USED FOR CALCS. (LB/SQ)		
																		0.08	0.08	
																		Milled Surface	HMA Lifts	
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	LB.	LB.	TON
EASTBOUND																				
HENRY COUNTY MAINLINE STA 11+21 TO 129+44																				
STA.	011+21.00	TO	STA.	012+01.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
STA.	012+01.00	TO	STA.	012+31.00	30	28	93	0	0	0	0	93	27	8	10	0	0	67	67	18
STA.	012+31.00	TO	STA.	019+81.00	750	28	2333	2333	0	0	0	0	0	196	261	0	0	1680	1680	457
STA.	019+81.00	TO	STA.	020+11.00	30	28	93	0	0	0	0	93	27	8	10	0	0	67	67	18
STA.	020+11.00	TO	STA.	020+91.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 037-0019 - STA 20+91 TO 23+39																				
STA.	023+39.00	TO	STA.	024+19.00	80	28	249	0	0	0	0	249	36	0	28	0	0	179	179	28
STA.	024+19.00	TO	STA.	024+49.00	30	28	93	0	0	0	0	93	27	8	10	0	0	67	67	18
STA.	024+49.00	TO	STA.	074+29.00	4980	28	15493	15493	0	0	0	0	0	1301	1735	0	0	11155	11155	3037
STA.	074+29.00	TO	STA.	075+69.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	075+69.00	TO	STA.	076+44.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 399 S.N. 037-0105 OVERHEAD STRUCTURE STA 76+44																				
STA.	076+44.00	TO	STA.	077+19.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	077+19.00	TO	STA.	078+59.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	078+59.00	TO	STA.	129+44.00	5085	28	15820	15820	0	0	0	0	0	1329	1772	0	0	11390	11390	3101
MILL WIDE/ PAVE WIDE					11575	1.0	1286	0	1286	0	0	0	0	108	144	0	0	1350	0	252
																		27278	25928	
TOTAL HENRY COUNTY MAINLINE					11575		37297	33647	1286	871	467	1027	222	3070	4177	0	0	53206		7248
HENRY COUNTY IL 17 RAMPS AND TAPERS																				
RAMP C TAPER (I 74 STATIONING)																				
BRIDGE OMISSION - SN 037-0019 - STA 20+91 TO 23+39																				
STA.	023+39.00	TO	STA.	024+19.00	80	VAR	34	0	0	0	0	34	0	0	0	3	4	24	24	7
STA.	024+19.00	TO	STA.	024+49.00	30	VAR	99	0	0	0	0	99	0	0	0	8	11	71	71	19
STA.	024+49.00	TO	STA.	024+82.00	33	VAR	38	38	0	0	0	0	0	0	0	3	4	27	27	7
RAMP C (I 74 STA 24+82.00 = RAMP C STA 0+00)																				
STA.	000+00.00	TO	STA.	015+97.00	1597	20	3549	3549	0	0	0	0	36	0	0	298	397	2555	2555	696
STA.	015+97.00	TO	STA.	016+27.00	30	20	67	0	0	0	0	67	27	0	0	6	7	48	48	13
STA.	016+27.00	TO	STA.	017+07.00	80	20	178	0	0	0	0	178	36	0	0	15	20	128	128	35
RAMP D (I 74 STA 40+88 = RAMP D STA 22+43)													0							
STA.	001+63.00	TO	STA.	002+43.00	80	28	249	0	0	0	0	249	36	0	0	21	28	179	179	49
STA.	002+43.00	TO	STA.	002+73.00	30	28	93	0	0	0	0	93	27	0	0	8	10	67	67	18
STA.	002+43.00	TO	STA.	022+43.00	2000	20	4444	4444	0	0	0	0	36	0	0	373	498	3200	3200	871
RAMP D TAPER (I 74 STATIONING)													0							
STA.	040+88.00	TO	STA.	049+23.00	835	VAR	743	743	0	0	0	0	0	0	0	62	83	535	535	146
MILL WIDE/ PAVE WIDE					4795	0.5	266	0	266	0	0	0	0	0	0	22	30	559	384	52
																		6836	6836	
TOTAL HENRY COUNTY IL 17 RAMPS AND TAPERS					4795		9494	8774	0	0	0	720	196	0	0	797	1063	13671		1861
TOTAL HENRY COUNTY					16370		46791	42421	1553	871	467	1746	418	3070	4177	797	1063	66878		9108

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
DRAWN -	REVISED -	74			37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	22			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68F 89						
PLOT DATE = 3/23/2023	DATE -	REVISED -			ILLINOIS	FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

EB I 74 MAINLINE PAVEMENT TABLE

STA.	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	TEMP RAMP	POLY BINDER IL-9.5 N90	POLY SMA SURF IL- 12.5 N80	POLY BINDER IL-9.5 N90	POLY SUR IL- 9.5 N70	POLY. BIT. MATERIALS (TACK COAT) RATES USED FOR CALCS. (LB/SQ)		MATERIAL TRANSFER DEVICE				
										MAINLINE	MAINLINE	RAMPS	RAMPS	0.08	0.08					
										1.50"	2"	1.50"	2"	Milled Surface	HMA Lifts					
										TON	TON	TON	TON	LB.	LB.					
KNOX COUNTY STA 129+44 TO 191+66																				
STA.	129+44.00	TO	STA.	176+04.00	4660	28	14498	14498	0	0	0	0	0	1218	1624	0	0	10438	10438	2842
STA.	176+04.00	TO	STA.	176+34.00	30	28	93	0	0	0	93	27	0	8	10	0	0	67	67	18
STA.	176+34.00	TO	STA.	177+14.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 048-0104 - STA 177+14 TO 179+05																				
STA.	179+05.00	TO	STA.	179+85.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
STA.	179+85.00	TO	STA.	180+15.00	30	28	93	0	0	0	93	27	0	8	10	0	0	67	67	18
STA.	180+15.00	TO	STA.	234+34.00	5419	28	16859	16859	0	0	0	0	0	1416	1888	0	0	12139	12139	3304
STA.	234+34.00	TO	STA.	235+74.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	235+74.00	TO	STA.	236+49.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 21 S.N. 048-0063 OVERHEAD STRUCTURE STA 236+49																				
STA.	236+49.00	TO	STA.	237+24.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	237+24.00	TO	STA.	238+64.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	238+64.00	TO	STA.	287+55.00	4891	28	15216	15216	0	0	0	0	0	1278	1704	0	0	10956	10956	2982
STA.	287+55.00	TO	STA.	288+95.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	288+95.00	TO	STA.	289+70.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 2 S.N. 048-0037 OVERHEAD STRUCTURE STA 289+70																				
STA.	289+70.00	TO	STA.	290+45.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	290+45.00	TO	STA.	291+85.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	291+85.00	TO	STA.	393+94.00	10209	28	31761	31761	0	0	0	0	0	2668	3557	0	0	22868	22868	6225
STA.	393+94.00	TO	STA.	395+34.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	395+34.00	TO	STA.	396+09.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 35 S.N. 048-0036 OVERHEAD STRUCTURE STA 396+09																				
STA.	396+09.00	TO	STA.	396+84.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	396+84.00	TO	STA.	398+24.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	398+24.00	TO	STA.	413+07.00	1483	28	4614	4614	0	0	0	0	0	388	517	0	0	3322	3322	904
STA.	413+07.00	TO	STA.	413+37.00	30	28	93	0	0	0	93	27	0	8	10	0	0	67	67	18
STA.	413+37.00	TO	STA.	414+17.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
BRIDGE OMISSION - SN 048-0090 - STA 414+17 TO 415+84																				
STA.	415+84.00	TO	STA.	416+64.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
STA.	416+64.00	TO	STA.	416+94.00	30	28	93	0	0	0	93	27	0	8	10	0	0	67	67	18
STA.	416+94.00	TO	STA.	469+55.00	5261	28	16368	16368	0	0	0	0	0	1375	1833	0	0	11785	11785	3208
STATION EQUATION 469+55 BK = 469+44 AH																				
STA.	469+44.00	TO	STA.	530+12.00	6068	28	18878	18878	0	0	0	0	0	1586	2114	0	0	13592	13592	3700
STATION EQUATION 530+12 BK = 1+00 AH																				
STA.	001+00.00	TO	STA.	024+30.00	2330	28	7249	7249	0	0	0	36	0	0	812	0	0	5219	5219	812
STA.	024+30.00	TO	STA.	025+70.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	025+70.00	TO	STA.	026+45.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 89 S.N. 048-0062 OVERHEAD STRUCTURE STA 26+45																				
STA.	026+45.00	TO	STA.	027+20.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	027+20.00	TO	STA.	028+60.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	028+60.00	TO	STA.	063+19.00	3459	28	10761	10761	0	0	0	0	0	904	1205	0	0	7748	7748	2109
STA.	063+19.00	TO	STA.	064+59.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	064+59.00	TO	STA.	065+34.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
CH 37 S.N. 048-0061 OVERHEAD STRUCTURE STA 65+34																				
STA.	065+34.00	TO	STA.	066+09.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	066+09.00	TO	STA.	067+49.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	067+49.00	TO	STA.	130+30.00	6281	28	19541	19541	0	0	0	0	0	1641	2189	0	0	14069	14069	3830
STA.	130+30.00	TO	STA.	131+70.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	131+70.00	TO	STA.	132+45.00	75	28	233	0	0	0	233	0	0	20	26	0	0	168	168	46
TR 21 S.N. 048-0060 OVERHEAD STRUCTURE STA 132+45																				
STA.	132+45.00	TO	STA.	133+20.00	75	28	233	0	0	0	233	0	36	20	26	0	0	168	168	46
STA.	133+20.00	TO	STA.	134+60.00	140	28	436	0	0	436	0	0	0	37	49	0	0	314	314	85
STA.	134+60.00	TO	STA.	190+86.00	5626	28	17503	17503	0	0	0	0	0	1470	1960	0	0	12602	12602	3431
STA.	190+86.00	TO	STA.	191+16.00	30	28	93	0	0	0	93	27	0	8	10	0	0	67	67	18
STA.	191+16.00	TO	STA.	191+96.00	80	28	249	0	0	0	249	36	0	0	28	0	0	179	179	28
MILL WIDE/ PAVE WIDE					58817	1.0	6535	0	6535	0	0	0	0	549	732	0	0	6862	6862	1281
TOTAL KNOX COUNTY					58817		189521	173248	6535	5227	2800	1711	560	14657	21226	0	0	277224		35152
TOTAL					75187		236313	215669	8088	6098	3267	3457	978	17728	25404	797	1063	344102		44260

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	23
PLOT DATE = 3/23/2023	CHECKED -	REVISED -						CONTRACT NO. 68F 89				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

WB I 74 SHOULDER PAVEMENT TABLE

STATION	FROM STA.	TO STA.	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.5"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	HMA SHOULDERS		POLY. BIT. MATERIALS (TACK COAT)		SHOULDER RUMBLE STRIPS, 16"	AGG SHLD, TY B	MATERIAL TRANSFER DEVICE		
											IL-9.5	IL-9.5 FG	RATES USED FOR CALCS. (LB/SQ)						
											LOWER LIFT	SURFACE LIFT	0.08	0.08					
											1.50"	2"	Milled Surface	HMA Lifts					
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	LB.	LB.	FOOT	TON	TON				
WESTBOUND																			
HENRY COUNTY MAINLINE STA 11+21 TO 129+44																			
STA.	011+21.00	TO	STA.	012+01.00	80	10	89	0	0	0	0	89	0	10	64	64	160.0	7.6	10
STA.	012+01.00	TO	STA.	012+41.00	40	10	44	0	0	0	0	44	4	5	32	32	80.0	3.8	9
STA.	012+41.00	TO	STA.	019+99.00	758	10	842	842	0	0	0	0	71	94	606	606	1516.0	71.9	165
STA.	019+99.00	TO	STA.	020+39.00	40	10	44	0	0	0	0	44	4	5	32	32	80.0	3.8	9
STA.	020+39.00	TO	STA.	021+19.00	80	10	89	0	0	0	0	89	0	10	64	64	160.0	7.6	10
BRIDGE OMISSION - SN 037-0020 - STA 21+19 TO 23+70																			
STA.	023+70.00	TO	STA.	024+50.00	80	6	53	0	0	0	0	53	0	6	38	38	160.0	7.6	6
STA.	024+50.00	TO	STA.	024+90.00	40	6	27	0	0	0	0	27	2	3	19	19	80.0	3.8	5
STA.	024+90.00	TO	STA.	025+04.00	14	6	9	9	0	0	0	0	1	1	7	7	28.0	1.3	2
STA.	025+04.00	TO	STA.	028+37.00	333	6	222	222	0	0	0	0	19	25	160	160	666.0	31.6	44
STA.	028+37.00	TO	STA.	039+00.00	1063	10	1181	1181	0	0	0	0	99	132	850	850	2126.0	100.8	231
STA.	039+00.00	TO	STA.	045+04.00	604	8	537	537	0	0	0	0	45	60	387	387	1208.0	57.3	105
STA.	045+04.00	TO	STA.	074+29.00	2925	10	3250	3250	0	0	0	0	273	364	2340	2340	5850.0	277.3	637
STA.	074+29.00	TO	STA.	075+69.00	140	10	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30
STA.	075+69.00	TO	STA.	076+44.00	75	10	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16
TR 399 S.N. 037-0105 OVERHEAD STRUCTURE STA 76+44																			
STA.	076+44.00	TO	STA.	077+19.00	75	10	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16
STA.	077+19.00	TO	STA.	078+59.00	140	10	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30
STA.	078+59.00	TO	STA.	129+44.00	5085	10	5650	5650	0	0	0	0	475	633	4068	4068	10170.0	482.1	1107
MILL WIDE/ PAVE WIDE					11572	0.5	643	643	643	0	0	0	54	72	1350	463			126
												1086	1474	10362	9474				
TOTAL HENRY COUNTY MAINLINE					11572		12516	12334	643	311	167	347	2560		19836		23144	1097	2560
HENRY COUNTY IL 17 RAMPS AND TAPERS																			
RAMP A GORE (I 74 STATIONING)																			
STA.	025+04.00	TO	STA.	028+37.00	333	VAR	225	225	0	0	0	0	19	25	162	162	666.0	31.6	44
RAMP A (I 74 STA 25+03.78 = RAMP A STA 16+37.23)																			
STA.	000+21.00	TO	STA.	001+01.00	80	8	71	0	0	0	0	71	6	8	51	51	160.0	7.6	14
STA.	001+01.00	TO	STA.	001+41.00	40	8	36	0	0	0	0	36	3	4	26	26	80.0	3.8	7
STA.	001+41.00	TO	STA.	016+37.23	1496	8	1330	1330	0	0	0	0	112	149	958	958	2992.5	141.8	261
RAMP B (I 74 STA 42+60 = RAMP B STA 0+00)																			
STA.	000+00.00	TO	STA.	016+34.00	1634	8	1452	1452	0	0	0	0	122	163	1046	1046	3268.0	154.9	285
STA.	016+34.00	TO	STA.	016+74.00	40	8	36	0	0	0	0	36	3	4	26	26	80.0	3.8	7
STA.	016+74.00	TO	STA.	017+54.00	80	8	71	0	0	0	0	71	6	8	51	51	160.0	7.6	14
RAMP B GORE (I 74 STATIONING)																			
STA.	039+00.00	TO	STA.	042+60.00	360	VAR	444	444	0	0	0	0	37	50	320	320	720.0	34.1	87
MILL WIDE/ PAVE WIDE					4063	0.5	226	226	226	0	0	0	19	25	474	325			44
												327	436	3113	2964				
TOTAL HENRY COUNTY IL 17 RAMPS AND TAPERS					4063		3665	3677	226	0	0	213	763		6076		8126	385	718
TOTAL HENRY COUNTY					15635		16181	16012	869	311	167	560	3322		25912		31270	1482	3278

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES</p>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	24
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -						CONTRACT NO. 68F 89				
PLOT DATE = 3/23/2023	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

WB I 74 SHOULDER PAVEMENT TABLE

STA.	129+44.00	TO	STA.	154+85.28	2541	10	2824	2824	0	0	0	237	316	POLY. BIT. MATERIALS (TACK COAT)		SHOULDER RUMBLE STRIPS, 16"	AGG SHLD, TY B	MATERIAL TRANSFER DEVICE		
														RATES USED FOR CALCS. (LB/SQ)						
														LOWER LIFT	SURFACE LIFT				0.08	0.08
														1.50"	2"				Milled Surface	HMA Lifts
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	LB.	LB.	FOOT	TON	TON					
KNOX COUNTY STA 129+44 TO 191+66																				
STA.	129+44.00	TO	STA.	154+85.28	2541	10	2824	2824	0	0	0	237	316	2033	2033	5082.6	240.9	553		
STATION EQUATION 154+85.28 BK = 5+00 AH																				
STA.	005+00.00	TO	STA.	026+84.00	2184	10	2427	2427	0	0	0	204	272	1747	1747	4368.0	207.0	476		
STA.	026+84.00	TO	STA.	027+24.00	40	10	44	0	0	0	44	4	5	32	32	80.0	3.8	9		
STA.	027+24.00	TO	STA.	028+04.00	80	10	89	0	0	89	0	0	10	64	64	160.0	7.6	10		
BRIDGE OMISSION - SN 048-0015 - STA 28+04 - 29+78																				
STA.	029+78.00	TO	STA.	030+58.00	80	10	89	0	0	0	89	0	10	64	64	160.0	7.6	10		
STA.	030+58.00	TO	STA.	030+98.00	40	10	44	0	0	0	44	4	5	32	32	80.0	3.8	9		
STA.	030+98.00	TO	STA.	083+21.00	5223	10	5803	5803	0	0	0	487	650	4178	4178	10446.0	495.1	1137		
STA.	083+21.00	TO	STA.	084+61.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	084+61.00	TO	STA.	085+36.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
TR 21 S.N. 048-0063 OVERHEAD STRUCTURE STA 85+36																				
STA.	085+36.00	TO	STA.	085+66.00	30	10	33	0	0	0	33	3	4	24	24	60.0	2.8	7		
STATION EQUATION 85+66 BK = 236+79 AH																				
STA.	236+79.00	TO	STA.	237+24.00	45	10	50	0	0	0	50	4	6	36	36	90.0	4.3	10		
STA.	237+24.00	TO	STA.	238+64.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	238+64.00	TO	STA.	287+55.00	4891	10	5434	5434	0	0	0	456	609	3913	3913	9782.0	463.7	1065		
STA.	287+55.00	TO	STA.	288+95.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	288+95.00	TO	STA.	289+70.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
CH 2 S.N. 048-0037 OVERHEAD STRUCTURE STA 289+70																				
STA.	289+70.00	TO	STA.	290+45.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
STA.	290+45.00	TO	STA.	291+85.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	291+85.00	TO	STA.	393+94.00	10209	10	11343	11343	0	0	0	953	1270	8167	8167	20418.0	967.8	2223		
STA.	393+94.00	TO	STA.	395+34.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	395+34.00	TO	STA.	396+09.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
CH 35 S.N. 048-0036 OVERHEAD STRUCTURE STA 396+09																				
STA.	396+09.00	TO	STA.	396+84.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
STA.	396+84.00	TO	STA.	398+24.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	398+24.00	TO	STA.	415+23.00	1699	10	1888	1888	0	0	0	159	211	1359	1359	3398.0	161.1	370		
STA.	415+23.00	TO	STA.	415+63.00	40	10	44	0	0	0	44	4	5	32	32	80.0	3.8	9		
STA.	415+63.00	TO	STA.	416+43.00	80	10	89	0	0	0	89	0	10	64	64	160.0	7.6	10		
BRIDGE OMISSION - SN 048-0091 - STA 416+43 - 418+06																				
STA.	418+06.00	TO	STA.	418+86.00	80	10	89	0	0	0	89	0	10	64	64	160.0	7.6	10		
STA.	418+86.00	TO	STA.	419+26.00	40	10	44	0	0	0	44	4	5	32	32	80.0	3.8	9		
STA.	419+26.00	TO	STA.	469+63.00	5037	10	5597	5597	0	0	0	470	627	4030	4030	10074.0	477.5	1097		
STATION EQUATION 469+63 BK = 469+44 AH																				
STA.	469+44.00	TO	STA.	530+12.00	6068	10	6742	6742	0	0	0	566	755	4854	4854	12136.0	575.2	1321		
STATION EQUATION 530+12 BK = 1+00 AH																				
STA.	001+00.00	TO	STA.	024+30.00	2330	10	2589	2589	0	0	0	0	290	1864	1864	4660.0	220.9	290		
STA.	024+30.00	TO	STA.	025+70.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	025+70.00	TO	STA.	026+45.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
TR 89 S.N. 048-0062 OVERHEAD STRUCTURE STA 26+45																				
STA.	026+45.00	TO	STA.	027+20.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
STA.	027+20.00	TO	STA.	028+60.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	028+60.00	TO	STA.	063+19.00	3459	10	3843	3843	0	0	0	323	430	2767	2767	6918.0	327.9	753		
STA.	063+19.00	TO	STA.	064+59.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	064+59.00	TO	STA.	065+34.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
CH 37 S.N. 048-0061 OVERHEAD STRUCTURE STA 65+34																				
STA.	065+34.00	TO	STA.	066+09.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
STA.	066+09.00	TO	STA.	067+49.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	067+49.00	TO	STA.	130+30.00	6281	10	6979	6979	0	0	0	586	782	5025	5025	12562.0	595.4	1368		
STA.	130+30.00	TO	STA.	131+70.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	131+70.00	TO	STA.	132+45.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
TR 21 S.N. 048-0060 OVERHEAD STRUCTURE STA 132+45																				
STA.	132+45.00	TO	STA.	133+20.00	75	10	83	0	0	0	83	7	9	60	60	150.0	7.1	16		
STA.	133+20.00	TO	STA.	134+60.00	140	10	156	0	0	156	0	13	17	112	112	280.0	13.3	30		
STA.	134+60.00	TO	STA.	190+76.00	5616	10	6240	6240	0	0	0	524	699	4493	4493	11232.0	532.4	1223		
STA.	190+76.00	TO	STA.	191+16.00	40	10	44	0	0	0	44	4	5	32	32	80.0	3.8	9		
STA.	191+16.00	TO	STA.	191+96.00	80	10	89	0	0	0	89	0	10	64	64	160.0	7.6	10		
MILL WIDE/ PAVE WIDE					58718	0.5	3262	3262	3262	0	0	0	274	365	6850	4697	0	0	639	
TOTAL KNOX COUNTY					58718		68505	64971	3262	1867	1000	667	13172	7673	53825	51672	117437	5566	12533	
TOTAL					74354		84685	80983	4131	2178	1167	1227	16494		131410		148707	7049	15811	

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	25
PLOT DATE = 3/23/2023	CHECKED -	REVISED -						CONTRACT NO. 68F 89				
	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.

EB I 74 SHOULDER PAVEMENT TABLE

STATION	FROM	TO	STATION	FROM	TO	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL 5.25"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	HMA SHOULDERS	HMA SHOULDERS	HMA SHOULDERS	POLY. BIT. MATERIALS (TACK COAT)		SHOULDER RUMBLE STRIPS, 16"	AGG SHLD, TY B	MATERIAL TRANSFER DEVICE
															IL-19.5	IL-9.5	IL-9.5 FG	RATES USED FOR CALCS. (LB/SQ)				
															LOWER LIFT	LOWER LIFT	SURFACE LIFT	0.08	0.08			
															6.00"	1.50"	2"	Milled Surface	HMA Lifts			
						FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	LB.	LB.	FOOT	TON	TON	
EASTBOUND																						
HENRY COUNTY MAINLINE STA 11+21 TO 129+44																						
STA.	011+21.00	TO	STA.	012+01.00		80	10	89	0	0	0	0	0	89	0	0	10	64	64	160.0	7.6	10
STA.	012+01.00	TO	STA.	012+31.00		30	10	33	0	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7
STA.	012+31.00	TO	STA.	019+81.00		750	10	833	833	0	0	0	0	0	70	93	600	600	1500.0	71.1	163	
STA.	019+81.00	TO	STA.	020+11.00		30	10	33	0	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7
STA.	020+11.00	TO	STA.	020+91.00		80	10	89	0	0	0	0	0	89	0	0	10	64	64	160.0	7.6	10
BRIDGE OMISSION - SN 037-0019 - STA 20+91 TO 23+39																						
STA.	023+39.00	TO	STA.	024+19.00		80	10	89	0	0	0	0	0	89	0	0	10	64	64	160.0	7.6	10
STA.	024+19.00	TO	STA.	024+49.00		30	10	33	0	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7
STA.	024+49.00	TO	STA.	074+29.00		4980	10	5533	5533	0	0	0	0	0	465	620	3984	3984	9960.0	472.1	1085	
STA.	074+29.00	TO	STA.	075+69.00		140	10	156	0	0	0	156	0	0	13	17	112	112	280.0	13.3	30	
STA.	075+69.00	TO	STA.	076+44.00		75	10	83	0	0	0	0	83	0	7	9	60	60	150.0	7.1	16	
TR 399 S.N. 037-0105 OVERHEAD STRUCTURE STA 76+44																						
STA.	076+44.00	TO	STA.	077+19.00		75	10	83	0	0	0	0	83	0	7	9	60	60	150.0	7.1	16	
STA.	077+19.00	TO	STA.	078+59.00		140	10	156	0	0	0	156	0	0	13	17	112	112	280.0	13.3	30	
STA.	078+59.00	TO	STA.	129+44.00		5085	10	5650	5650	0	0	0	0	0	475	633	4068	4068	10170.0	482.1	1107	
MILL WIDE/ PAVE WIDE						11575	0.5	643	643	0	643	0	0	0	0	54	72	1350	1350			126
															0	1112	1512	10610	10610			
TOTAL HENRY COUNTY MAINLINE						11575		12861	12660	0	643	311	167	367		2624		21221		23150	1097	2624
HENRY COUNTY IL 17 RAMPS AND TAPERS																						
RAMP C GORE (I 74 STATIONING)																						
BRIDGE OMISSION - SN 037-0019 - STA 20+91 TO 23+39																						
STA.	023+39.00	TO	STA.	024+19.00		80	VAR	34	0	0	0	0	0	34	0	0	4	24	24	160.0	7.6	4
STA.	024+19.00	TO	STA.	024+49.00		30	VAR	99	0	0	0	0	0	99	0	8	11	71	71	60.0	2.8	19
STA.	024+49.00	TO	STA.	024+82.00		33	VAR	38	38	0	0	0	0	0	3	4	27	27	66.0	3.1	7	
RAMP C (I 74 STA 24+82.00 = RAMP C STA 0+00)																						
STA.	000+00.00	TO	STA.	015+97.00		1597	8	1420	1420	0	0	0	0	0	119	159	1022	1022	3194.0	151.4	278	
STA.	015+97.00	TO	STA.	016+27.00		30	8	27	0	0	0	0	0	27	0	2	3	19	19	60.0	2.8	5
STA.	016+27.00	TO	STA.	017+07.00		80	8	71	0	0	0	0	0	71	0	6	8	51	51	160.0	7.6	14
RAMP D (I 74 STA 40+88 = RAMP D STA 22+43)																						
STA.	001+63.00	TO	STA.	001+73.00		10	8	9	0	0	0	0	0	9	3	1	1	6	6	20.0	0.9	2
STA.	001+73.00	TO	STA.	007+63.00		590	8	524	0	524	0	0	0	0	176	0	59	378	378	1180.0	55.9	59
STA.	001+73.00	TO	STA.	022+43.00		2070	8	1840	1840	0	0	0	0	0	0	155	206	1325	1325	4140.0	196.2	361
RAMP D GORE (I 74 STATIONING)																						
STA.	040+88.00	TO	STA.	049+23.00		835	VAR	743	743	0	0	0	0	0	0	62	83	535	535	1670.0	79.2	146
MILL WIDE/ PAVE WIDE						5355	0.5	298	298	0	298	0	0	0	0	25	33	625	625			58
															179	382	571	4084	4084			
TOTAL HENRY COUNTY IL 17 RAMPS AND TAPERS						5355		4805	4338	524	298	0	0	240		1132		8168		10710	508	895
TOTAL HENRY COUNTY						16930		17666	16998	524	941	311	167	606		3756		29389		33860	1605	3519

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISED -	74			37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	26		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68F 89					
PLOT DATE = 3/23/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

EB I 74 SHOULDER PAVEMENT TABLE

STA.	TO	STA.	AREA	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL 5.25"	HMA SURF. REMOVAL SP"	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL, BUTT JOINT	HMA SHOULDERS			POLY. BIT. MATERIALS (TACK COAT)		SHOULDER RUMBLE STRIPS, 16"	AGG SHLD, TY B	MATERIAL TRANSFER DEVICE		
										IL-19.5	IL-9.5	IL-9.5 FG	RATES USED FOR CALCS. (LB/SQ)						
										LOWER LIFT	LOWER LIFT	SURFACE LIFT	0.08	0.08					
										6.00"	1.50"	2"	Milled Surface	HMA Lifts					
FT.	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	LB.	LB.	FOOT	TON	TON		
KNOX COUNTY STA 129+44 TO 191+66																			
STA. 129+44.00	TO	STA. 176+04.00	4660	5178	0	0	0	0	0	0	435	580	3728	3728	9320.0	441.8	1015		
STA. 176+04.00	TO	STA. 176+34.00	30	33	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7		
STA. 176+34.00	TO	STA. 177+14.00	80	89	0	0	0	0	89	0	7	10	64	64	160.0	7.6	17		
BRIDGE OMISSION - SN 048-0104 - STA 177+14 TO 179+05																			
STA. 179+05.00	TO	STA. 179+85.00	80	89	0	0	0	0	89	0	7	10	64	64	160.0	7.6	17		
STA. 179+85.00	TO	STA. 180+15.00	30	33	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7		
STA. 180+15.00	TO	STA. 234+34.00	5419	6021	0	0	0	0	0	506	674	4335	4335	10838.0	513.7	1180			
STA. 234+34.00	TO	STA. 235+74.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 235+74.00	TO	STA. 236+49.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
TR 21 S.N. 048-0063 OVERHEAD STRUCTURE STA 236+49																			
STA. 236+49.00	TO	STA. 237+24.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 237+24.00	TO	STA. 238+64.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 238+64.00	TO	STA. 287+55.00	4891	5434	0	0	0	0	0	456	609	3913	3913	9782.0	463.7	1065			
STA. 287+55.00	TO	STA. 288+95.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 288+95.00	TO	STA. 289+70.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
CH 2 S.N. 048-0037 OVERHEAD STRUCTURE STA 289+70																			
STA. 289+70.00	TO	STA. 290+45.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 290+45.00	TO	STA. 291+85.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 291+85.00	TO	STA. 393+94.00	10209	11343	0	0	0	0	0	953	1270	8167	8167	20418.0	967.8	2223			
STA. 393+94.00	TO	STA. 395+34.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 395+34.00	TO	STA. 396+09.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
CH 35 S.N. 048-0036 OVERHEAD STRUCTURE STA 396+09																			
STA. 396+09.00	TO	STA. 396+84.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 396+84.00	TO	STA. 398+24.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 398+24.00	TO	STA. 413+07.00	1483	1648	0	0	0	0	0	138	185	1186	1186	2966.0	140.6	323			
STA. 413+07.00	TO	STA. 413+37.00	30	33	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7		
STA. 413+37.00	TO	STA. 414+17.00	80	89	0	0	0	0	89	0	7	10	64	64	160.0	7.6	17		
BRIDGE OMISSION - SN 048-0090 - STA 414+17 TO 415+84																			
STA. 415+84.00	TO	STA. 416+64.00	80	89	0	0	0	0	89	0	7	0	64	64	160.0	7.6	7		
STA. 416+64.00	TO	STA. 416+94.00	30	33	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7		
STA. 416+94.00	TO	STA. 469+55.00	5261	5846	0	0	0	0	0	491	655	4209	4209	10522.0	498.7	1146			
STATION EQUATION 469+55 BK = 469+44 AH																			
STA. 469+44.00	TO	STA. 530+12.00	6068	6742	0	0	0	0	0	566	755	4854	4854	12136.0	575.2	1321			
STATION EQUATION 530+12 BK = 1+00 AH																			
STA. 001+00.00	TO	STA. 024+30.00	2330	2589	0	0	0	0	0	217	290	1864	1864	4660.0	220.9	507			
STA. 024+30.00	TO	STA. 025+70.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 025+70.00	TO	STA. 026+45.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
TR 89 S.N. 048-0062 OVERHEAD STRUCTURE STA 26+45																			
STA. 026+45.00	TO	STA. 027+20.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 027+20.00	TO	STA. 028+60.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 028+60.00	TO	STA. 063+19.00	3459	3843	0	0	0	0	0	323	430	2767	2767	6918.0	327.9	753			
STA. 063+19.00	TO	STA. 064+59.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 064+59.00	TO	STA. 065+34.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
CH 37 S.N. 048-0061 OVERHEAD STRUCTURE STA 65+34																			
STA. 065+34.00	TO	STA. 066+09.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 066+09.00	TO	STA. 067+49.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 067+49.00	TO	STA. 130+30.00	6281	6979	0	0	0	0	0	586	782	5025	5025	12562.0	595.4	1368			
STA. 130+30.00	TO	STA. 131+70.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 131+70.00	TO	STA. 132+45.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
TR 21 S.N. 048-0060 OVERHEAD STRUCTURE STA 132+45																			
STA. 132+45.00	TO	STA. 133+20.00	75	83	0	0	0	83	0	7	9	60	60	150.0	7.1	16			
STA. 133+20.00	TO	STA. 134+60.00	140	156	0	0	156	0	0	13	17	112	112	280.0	13.3	30			
STA. 134+60.00	TO	STA. 190+86.00	5626	6251	0	0	0	0	0	525	700	4501	4501	11252.0	533.3	1225			
STA. 190+86.00	TO	STA. 191+16.00	30	33	0	0	0	0	33	0	3	4	24	24	60.0	2.8	7		
STA. 191+16.00	TO	STA. 191+96.00	80	89	0	0	0	0	89	0	7	10	64	64	160.0	7.6	17		
MILL WIDE/ PAVE WIDE				58817	0.5	3268	3268	0	3268	0	0	0	274	274	6862	6862	549		
TOTAL KNOX COUNTY				58817		68620	65142	0	3268	1867	1000	611	12799	12799	107831	53916	117634	5576	12799
TOTAL				75747		86286	82140	524	4208	2178	1167	1217	16555	16555	137220	53916	151494	7181	16318

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	27
PLOT DATE = 3/23/2023	CHECKED -	REVISED -						CONTRACT NO. 68F89				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

MEDIAN CROSS OVER WIDENING AND INCIDENTAL											
LOCATION	MEDIAN	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL 5.00"(WB)	HMA SURF. REMOVAL 5.25"(EB)	HMA INCIDENTAL THICKNESS (")	POLY. BIT. MATERIALS (TACK COAT)		EXCAVATE & GRADE EX SHOULDER *	HMA SHLD 8"	AGG SHLD TY B	MATERIAL TRANSFER DEVICE
						RATES USED FOR CALCS. (LB/SF)					
						0.08	0.08				
						Milled Surface	HMA Lifts				
	SQ YD	SQ YD	SQ YD	SQ YD	TON	LB	LB	UNIT	TON	TON	TON
HENRY COUNTY											
MEDIAN CROSS OVER: STA 64+25	190	190	222	222	37	457	457	10	398	3	398
TOTAL HENRY COUNTY	190	190	222	222	37	914		10	398	3	398
KNOX COUNTY											
MEDIAN CROSS OVER: STA 279+00	190	190	222	222	37	457	457	10	398	3	398
MEDIAN CROSS OVER: STA 492+10	190	190	222	222	37	457	457	10	398	3	398
MEDIAN CROSS OVER: STA 172+90	190	190	222	222	37	457	457	10	398	3	398
						1370	1370				
TOTAL KNOX COUNTY	570	570	666	666	112	2741		30	1194	9	1194
TOTAL	760	760	888	888	149	3654		40	1592	12	1592

* WIDTHS- FOUR FEET WIDE

TOTAL PAVING RELATED QUANTITIES 68AF89

LOCATION	LENGTH	AREA	HMA SURF. REMOVAL 0.5"	HMA SURF. REMOVAL 0.75"	HMA SURF. REMOVAL SPECIAL	HMA SURF. REMOVAL, VAR DEPTH	HMA SURF. REMOVAL 3.5"	HMA SURF. REMOVAL 5.0"	HMA SURF. REMOVAL 5.25"	HMA SURF. REMOVAL, BUTT JOINT	HMA SURF. INCIDENTAL	HMA SHOULDERS
	FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON
HENRY COUNTY												
I 74 WB	0		45378	0	40812	1509	871	0	0	467	0	0
I 74 EB	0		0	46791	42421	1553	871	0	0	467	0	0
I 74 WB SHOULDERS	0		16181	0	16012	869	311	0	0	167	16494	560
I 74 EB SHOULDERS	0		0	17666	524	941	311	0	16998	167	0	605
MEDIAN CROSSOVER & INCIDENTAL AREAS			0	190	0	0	0	190	222	0	222	10
HENRY COUNTY TOTAL	0	0	61558	64647	99769	4871	2364	190	17220	1267	16716	1176
KNOX COUNTY												
I 74 WB	0		189203	0	172786	6524	5227	0	0	2800	0	0
I 74 EB	0		0	189521	173248	6535	5227	0	0	2800	0	0
I 74 WB SHOULDERS	0		68505	2589	64971	3262	1867	0	0	1000	0	667
I 74 EB SHOULDERS	0		0	68620	0	3268	1867	0	0	1000	0	611
MEDIAN CROSSOVER & INCIDENTAL AREAS			0	570	0	0	0	570	666	0	666	30
KNOX COUNTY TOTAL	0	0	257708	261300	411006	19589	14187	570	666	7600	666	1308
PROJECT TOTAL	0	0	319266	325947	510774	24460	16551	760	17886	8867	17382	2484

TOTAL PAVING RELATED QUANTITIES 68AF89

LOCATION	LENGTH	AREA	TEMP RAMP	POLY BINDER IL-9.5 N90	POLY SMA SURFACE IL- 12.5 N80	POLY BINDER IL-9.5 N70	POLY SURFACE IL-9.5 N70	POLY. BIT. MATERIALS (TACK COAT)	MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIP, 16"	AGG SHLD TY B
				MAINLINE	MAINLINE	RAMPS	RAMPS				
				1.5"	2"	1.5"	2.0"				
FT.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	POUND	TON	FOOT	TON	
HENRY COUNTY											
I 74 WB	0		1942	347	3069	4176	680	906	0	0	8831
I 74 EB	0		1746	418	3070	4177	797	1063	0	0	0
I 74 WB SHOULDERS	0		131410	0	0	0	15811	0	1482	0	31270
I 74 EB SHOULDERS	0		16555	0	0	0	0	0	1605	0	33860
MEDIAN CROSSOVER & INCIDENTAL AREAS			0	0	0	0	0	914	398	0	398
HENRY COUNTY TOTAL	0	0	151654	764	6140	8353	17288	2883	3485	0	74360
KNOX COUNTY											
I 74 WB	0		1867	560	14632	16	0	0	0	0	27
I 74 EB	0		1711	560	14657	26	0	0	0	0	0
I 74 WB SHOULDERS	0		0	0	0	0	0	0	5566	0	117437
I 74 EB SHOULDERS	0		0	0	0	0	0	0	5576	0	117634
MEDIAN CROSSOVER & INCIDENTAL AREAS			0	0	0	0	0	2741	1194	0	1194
KNOX COUNTY TOTAL	0	0	3578	1120	29289	42	0	2741	12336	0	236292
PROJECT TOTAL	0	0	155231	1884	35429	8395	17288	5624	15822	0	310652

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	29
CONTRACT NO. 68F89			ILLINOIS FED. AID PROJECT	

				X0325893	X0549200	63500105	X6350120
LOCATION				CLEAN EXISTING END SECTION EACH	CLEANING PAVED DITCH FOOT	DELINEATORS EACH	DELINEATOR REMOVAL EACH
STATION	RT/LT	REMARKS					
HENRY COUNTY							
WESTBOUND							
35+06	RT			1			
111+70	RT					1	1
123+00	RT						
RAMP A							
3+50	RT			1			
3+50	LT			1			
RAMP B							
13+00	RT			1			
13+00	LT	CLEAN PAVED DITCH 8+00 TO 13+00		1	500		
KNOX COUNTY							
WESTBOUND							
132+03	RT			1		1	1
35+05	RT			1			
238+00	RT					1	1
250+00	RT			1			
295+00	RT			1			
383+50	RT			1		1	1
472+00	RT			1			
480+27	RT			1			
509+00	RT			1			
22+50	RT			1		1	1
29+20	RT	60" CULVERT		1			
75+00	RT					1	1
75+00	MEDIAN			1		1	1
93+50	RT			1			
156+00	RT					1	1
170+00	RT					1	1
HENRY COUNTY							
EASTBOUND							
74+03	RT			1			
RAMP C							
11+00	RT			1			
11+00	LT			1			1
KNOX COUNTY							
EASTBOUND							
154+95	RT			1			
206+85	RT			1			
238+00	RT	CLEAN PD 238+00 TO 243+25		1	525		
243+25	RT			1			
357+00	LT			1 (1)			
357+00	RT			1			
367+75	RT			1			
383+50	RT			1			
26+65 - 28+65	RT				250		
85+50	RT	CLEAN PD 85+50 TO 87+00			150		
105+00	RT	CLEAN PD 105+00 TO 108+00			300		
121+00	RT	CLEAN PD 124+50 TO 128+00			350		
128+00	RT			1			
170+00	RT			1			
HENRY GRAND TOTAL				8	500	1	2
KNOX GRAND TOTAL				22	1575	8	8
*LEFT AND RIGHT ARE RELATED TO THE DIRECTION OF TRAFFIC							
STA 357+00 (LT/Median) - Remove & reset grate is included in price of cleaning end section							
(1) REMOVAL & RESETTING OF THE GRATE IS INCLUDED IN THE PRICE CLEAN EXISTING END SECTION							

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	30
PLOT DATE = 3/23/2023	CHECKED -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68F 89		
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

LOCATION				LENGTH	WDTH	STONE RIPRAP	STONE	FILTER	PAVED DITCH	FURNISHED
STATION	RT/LT	REMARKS	FOOT	FOOT	CL B3	RIPRAP CL B4	FABRIC	REMOVAL	EXCAVATION	CU YD
					TON	TON	SQ YD	FOOT		
HENRY COUNTY										
WESTBOUND										
35+06	RT		10	8	5.0					
120+75- 123+00	RT		225	4	50.0			225		
RAMP A										
13+00	RT		20	6	8.0					
RAMP B										
13+00	RT		10	5	4.0					
KNOX COUNTY										
WESTBOUND										
35+05	RT		20	10	12.0					
47+80	RT		30	25	42.0					
47+80	LT		30	20	35.0					
238+00	RT		15	10	10.0					
250+00	RT		20	6	8.0					
295+00	RT		10	8	5.0					
383+50	RT		20	6	8.0					
472+00	RT		15	10	10.0					
480+27	RT		15	10	10.0					
493+75	RT		15	10	10.0					
509+00	RT		15	10	10.0					
22+50	RT		15	10	10.0					
29+20	RT	60" CULVERT	40	30	70.0					
HENRY COUNTY										
EASTBOUND										
98+00 - 99+75	RT		175	VAR	146 (2)			175	778 (1)	
RAMP C										
11+00	RT	24" culvert	20	10	11.1					
11+00	LT	24" culvert	20	10	11.1					
KNOX COUNTY										
EASTBOUND										
154+95	RT		20	10	11.1					
201+75	RT	PLACE RR AROUND CULVERT OPENING	15	10	8.3					
201+75	LT	PLACE RR ALONG FLOW LINE	75	5	20.8					
206+85	RT		20	10	11.1					
206+85	LT		50	10	27.8	20.1	55.6			
357+00	RT		15	6	5.0					
367+75	RT		20	10	11.1					
383+50	RT		30	15	25.0	27.1	50.0			
121+00 - 124+50	RT		350	5	97.2 (2)			350		
HENRY GRAND TOTAL					236	0	0	400	778	
KNOX GRAND TOTAL					458	47	106	350	0	
*LEFT AND RIGHT ARE RELATED TO THE DIRECTION OF TRAFFIC										
(1) FINAL QUANTITY TO BE DETERMINED IN THE FIELD										
(2) RIPRAP SHALL BE PLACED WITHIN 24 HOURS OF COMPLETING FURNISHED/EMBANKMENT WORK										

20100110

20100210

X6650202

66500105

TREE & FENCE

LOCATION				TREE REMOVAL (6 TO 15 UNITS DIAMETER)		TREE REMOVAL (OVER 15 UNITS DIAMETER)		WOVEN WIRE FENCE REMOVAL	WOVEN WIRE FENCE, 4'
STATION	RT/LT	REMARKS	TREES	UNITS	TREES	UNITS	FOOT	FOOT	
HENRY COUNTY									
WESTBOUND									
123+00	RT		2 @ 6, 1 @ 8	20	1 @ 17	17			
KNOX COUNTY									
WESTBOUND									
47+80	LT				2 @ 20"	40			
HENRY COUNTY									
EASTBOUND									
99+50	RT		1 @ 12"	12	1 @ 18"	18			
99+75	RT		1 @ 6", 1 @ 12"	18			50	50	
KNOX COUNTY									
EASTBOUND									
201+75	RT				1 @ 18"	18			
85+50	RT		1 @ 6", 1 @ 8"	14	1 @ 18"	18			
HENRY GRAND TOTAL				50	35		50	50	
KNOX GRAND TOTAL				14	76		0	0	

*LEFT AND RIGHT ARE RELATED TO THE DIRECTION OF TRAFFIC

**TREES LOCATED IN CLOSE PROXIMITY TO CULVERT HEADWALLS, WIGWALLS, ETC., SHALL BE REMOVED AT GROUND LEVEL AND THE STUMPS LEFT IN PLACE TO MINIMIZE DISTURBANCE TO THE EXISTING DRAINAGE STRUCTURES.

USER NAME = Mike.Jacobs

DESIGNED -

REVISED -

DRAWN -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / in.

CHECKED -

REVISED -

PLOT DATE = 3/23/2023

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	33
CONTRACT NO. 68F 89			ILLINOIS FED. AID PROJECT	

				21400100	28000305	28000250	28000400	28000500	25000210	21101615	25000400	25000500	25000600	25100630
EROSION CONTROL														
LOCATION				GRADING & SHAPING DITCHES	TEMPORARY DITCH CHECKS	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	SEEDING CLASS 2A	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
STATION	RT/LT	REMARKS		FOOT	FOOT	POUND	FOOT	EACH	ACRE	SQ YD	POUND	POUND	POUND	SQ YD
HENRY COUNTY														
WESTBOUND														
92+00 to 93+50	RT			150	14	1.7			0.02	83	2.0	2.0	2.0	83
107+00 to 115+75	RT			875	79	10.0			0.10	486	9.0	9.0	9.0	486
KNOX COUNTY														
WESTBOUND														
132+03	RT	G&S 131+50 TO 134+00		250	23	2.9			0.03	139	3.0	3.0	3.0	139
35+05	RT	G&S 34+50 TO 36+50		200	18	2.3			0.02	111	3.0	3.0	3.0	111
250+00	RT			200	18	2.3			0.02	111	3.0	3.0	3.0	111
295+00	RT			100	9	1.1			0.01	56	2.0	2.0	2.0	56
472+00	RT			50	5	0.6			0.01	28	1.0	1.0	1.0	28
493+75	RT			50	5	0.6			0.01	28	1.0	1.0	1.0	28
22+50	RT			50	5	0.6			0.01	28	1.0	1.0	1.0	28
VARIOUS							500	(1)						
HENRY COUNTY														
EASTBOUND														
74+03	RT	G&S 71+50 TO 75+00		350	32	4.02		1	0.04	194	4.00	4.00	4.00	194
87+00	RT	G&S 300' EACH DIRECTION		600	54	6.89		1	0.07	333	7.00	7.00	7.00	333
128+00 TO 131+00		RT		300	27	3.44		1	0.03	167	4.00	4.00	4.00	167
RAMP C														
11+00	RT	G&S 10+00 TO 16+10		610	55	7.00		1	0.07	339	7.00	7.00	7.00	339
11+00	LT	G&S 10+50 TO 12+00		150	14	1.72		1	0.02	83	2.00	2.00	2.00	83
KNOX COUNTY														
EASTBOUND														
201+75	LT	G&S IN DIRECTION OF WATER FLOW		75	7	0.86		1	0.01	42	1.00	1.00	1.00	42
243+25	RT	G&S 243+25 TO 245+00		175	16	2.01		1	0.02	97	2.00	2.00	2.00	97
VARIOUS							500	(1)						
HENRY GRAND TOTAL				3035	273	35	0	5	0.35	1685	35	35	35	1685
KNOX GRAND TOTAL				1150	104	14	1000	2	0.14	640	17	17	17	640
*LEFT AND RIGHT ARE RELATED TO THE DIRECTION OF TRAFFIC														
(1) FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD														

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -						74	37-24, 48-24, 25, 26-11RS-4	HENRY/KNOX	74	34
PLOT DATE = 3/23/2023	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 68F89				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

	67100100
MOBILIZATION	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	70100800
TRAFFIC CONTROL AND PROTECTION STANDARD 701401	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	70100700
TRAFFIC CONTROL AND PROTECTION STANDARD 701406	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	70100420
TRAFFIC CONTROL AND PROTECTION STANDARD 701411	
JOBSITE	EACH
HENRY COUNTY	4
TOTAL	4

	70100820
TRAFFIC CONTROL AND PROTECTION STANDARD 701451	
JOBSITE	LUMP SUM
HENRY COUNTY	1
TOTAL	1

	70103815
TRAFFIC CONTROL SURVEILLANCE	
JOBSITE	CAL DAY
HENRY COUNTY	3
KNOX COUNTY	3
TOTAL	6

	Z0013798
CONSTRUCTION LAYOUT	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	X7010216
TRAFFIC CONTROL AND PROTECTION SPECIAL	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	70100825
TRAFFIC CONTROL AND PROTECTION STANDARD 701456	
JOBSITE	LUMP SUM
HENRY COUNTY	1
TOTAL	1

	67000400
ENGINEER'S FIELD OFFICE TYPE A	
JOBSITE	CAL MO
HENRY COUNTY	4
KNOX COUNTY	14
TOTAL	18

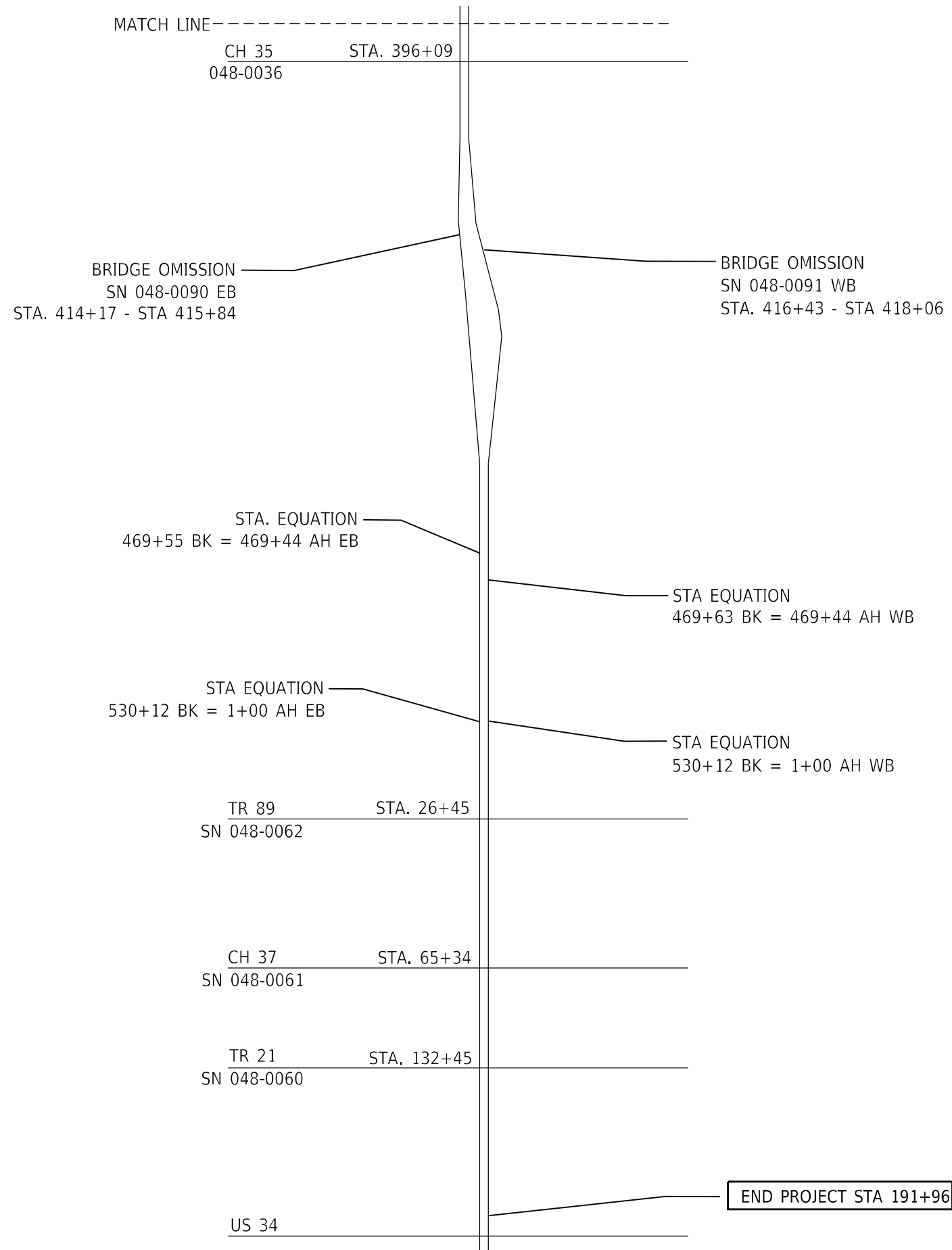
	70107025	
CHANGEABLE MESSAGE SIGN		
JOBSITE		CAL DAY
HENRY COUNTY	2 SIGNS @ 7 DAYS EACH	14
KNOX COUNTY	2 SIGNS @ 7 DAYS EACH	14
TOTAL		28

	XZ013798
CONSTRUCTION STATION LAYOUT	
JOBSITE	LUMP SUM
HENRY COUNTY	0.2
KNOX COUNTY	0.8
TOTAL	1

	50104650
SLOPE WALL REMOVAL	
LOCATION	SQ YD
KNOX COUNTY	
S.N. 048-0036	200
S.N. 048-0061	200
TOTAL	400

	51100100
SLOPE WALL 4 INCH	
LOCATION	SQ YD
KNOX COUNTY	
S.N. 048-0036	200
S.N. 048-0061	200
TOTAL	400

SLOPE WALL SLURRY PUMPING	
LOCATION	
KNOX COUNTY	
S.N. 048-0036	
S.N. 048-0061	
TOTAL	
*PAID FOR PER ARTICLE 109.04 OF THE STANDARD SPECIFICATION	



MODEL: Default
 FILE NAME: p:\projects\pwworking\pwworking.com\pwworking.com\pwworking.com\Projects\04_68F89\CADD\Drawings\FINAL_FOR_SUBMITTAL.dgn

USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	37
CONTRACT NO. 68F89			ILLINOIS FED. AID PROJECT	

RAMP A:

CURVE 1:
 R= 694.50
 D= 8°15'00"
 Δ= 16°11'15"
 T= 98.76
 L= 196.21
 P.C. 12+31.94
 P.T. 14+28.15

CURVE 2:
 R= 429.72
 D= 13°20'00"
 Δ= 26°30'00"
 T= 101.19
 L= 197.25
 P.C. 10+34.69
 N= 9197.94
 E= 10,206.72
 P.C.C. 12+31.94
 P.I. N 9271.13
 E= 10,136.83

CURVE 3:
 R= 229.18
 D= 25°00'00"
 Δ= 123°09'30"
 T= 423.49
 L= 492.63
 P.C. 5+42.06
 N= 9304.04
 E= 10,595.62
 P.C.C. 10+34.69
 P.I. 8891.68
 E= 10,499.19

RAMP B:

CURVE 1:
 R= 365.72
 D= 15°40'00"
 Δ= 40°07'00"
 T= 133.53
 L= 256.07
 P.C. 8+14.86
 N= 9076.70
 E= 10,547.98
 P.T. 10+70.93
 N= 9290.15
 E= 10,679.77
 P.I.N 9159.37
 E= 10,652.85

CURVE 2:
 R= 694.50
 D= 8°15'00"
 Δ= 48°43'26.64"
 T= 314.48
 L= 590.59
 P.C. 0-18.66
 P.T. 5+71.93

RAMP C:

CURVE 1:
 R= 694.50
 D= 8°15'00"
 Δ= 16°30'00"
 T= 100.70
 L= 200.00
 P.C. 0+00
 N= 9625.20
 E= 9915.10
 P.C.C. 2+00
 N= 9431.81
 E= 9866.89
 P.I. N= 9525.01
 E= 9905.02

CURVE 2:
 R= 429.72
 D= 13°20'00"
 Δ= 27°00'00"
 T= 103.17
 L= 202.51
 P.C. 2+00
 P.C.C. 4+02.51
 N= 9268.98
 E= 974966
 P.I. N 933632
 E= 982762

CURVE 3:
 R= 312.52
 D= 18°20'00"
 Δ= 143°54'00"
 T= 959.31
 L= 784.97
 P.T. 11+87.48
 N= 9575.89
 E= 9241.35
 P.I. N 8642.77
 E= 9022.92

RAMP D:

CURVE 1:
 R= 414.19
 D= 13°50'00"
 Δ= 74°22'10"
 T= 314.21
 L= 537.61
 P.C. 5+81.12
 N= 9600.26
 E= 9158.19
 P.T. 11+18.73
 N= 9137.70
 E= 9349.75
 P.I.N 9296.32
 E= 9078.52

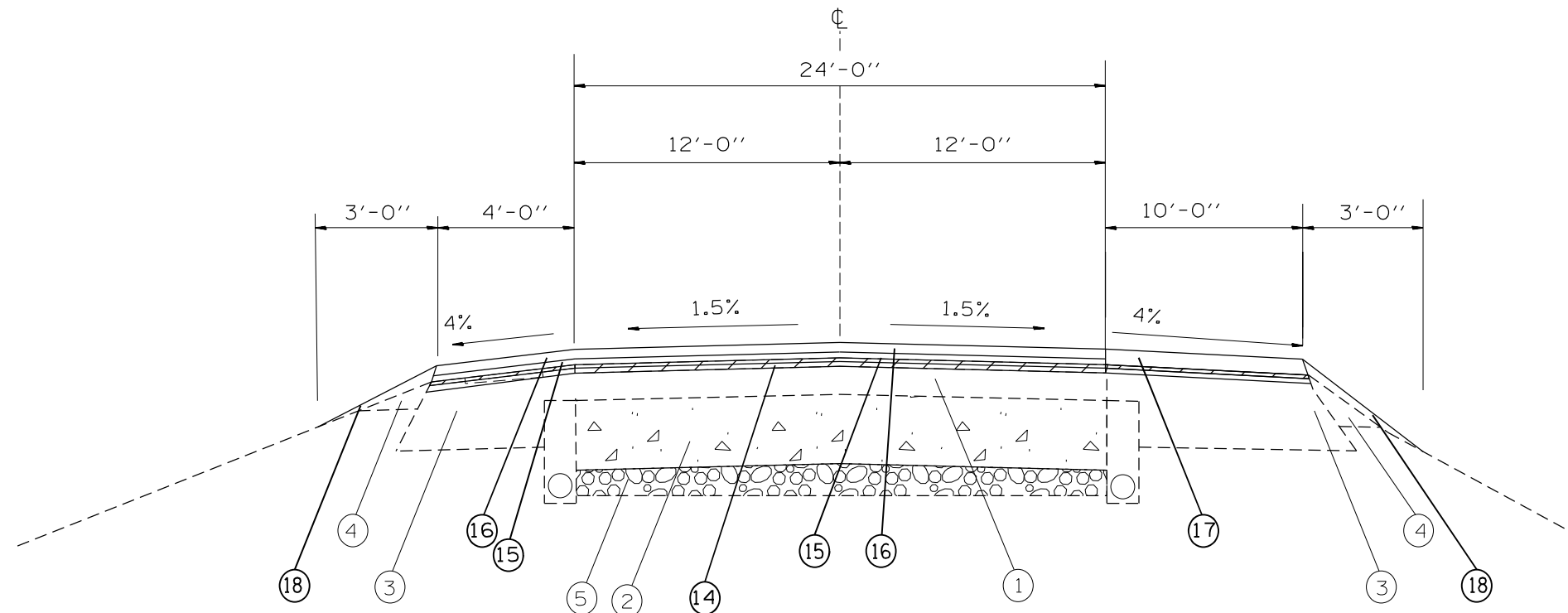
CURVE 2:
 R= 694.50
 D= 8°15'00"
 Δ= 58°41'15"
 T= 390.43
 L= 711.36
 P.C. 13+85.63
 P.T. 20+96.99

US 34

MODEL: Defaul
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USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURVE DATA		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000 * / in.	DRAWN -	REVISED -				74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	39
PLOT DATE = 3/23/2023	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 68F89		ILLINOIS FED. AID PROJECT		
	DATE -	REVISED -								

WESTBOUND



LEGEND

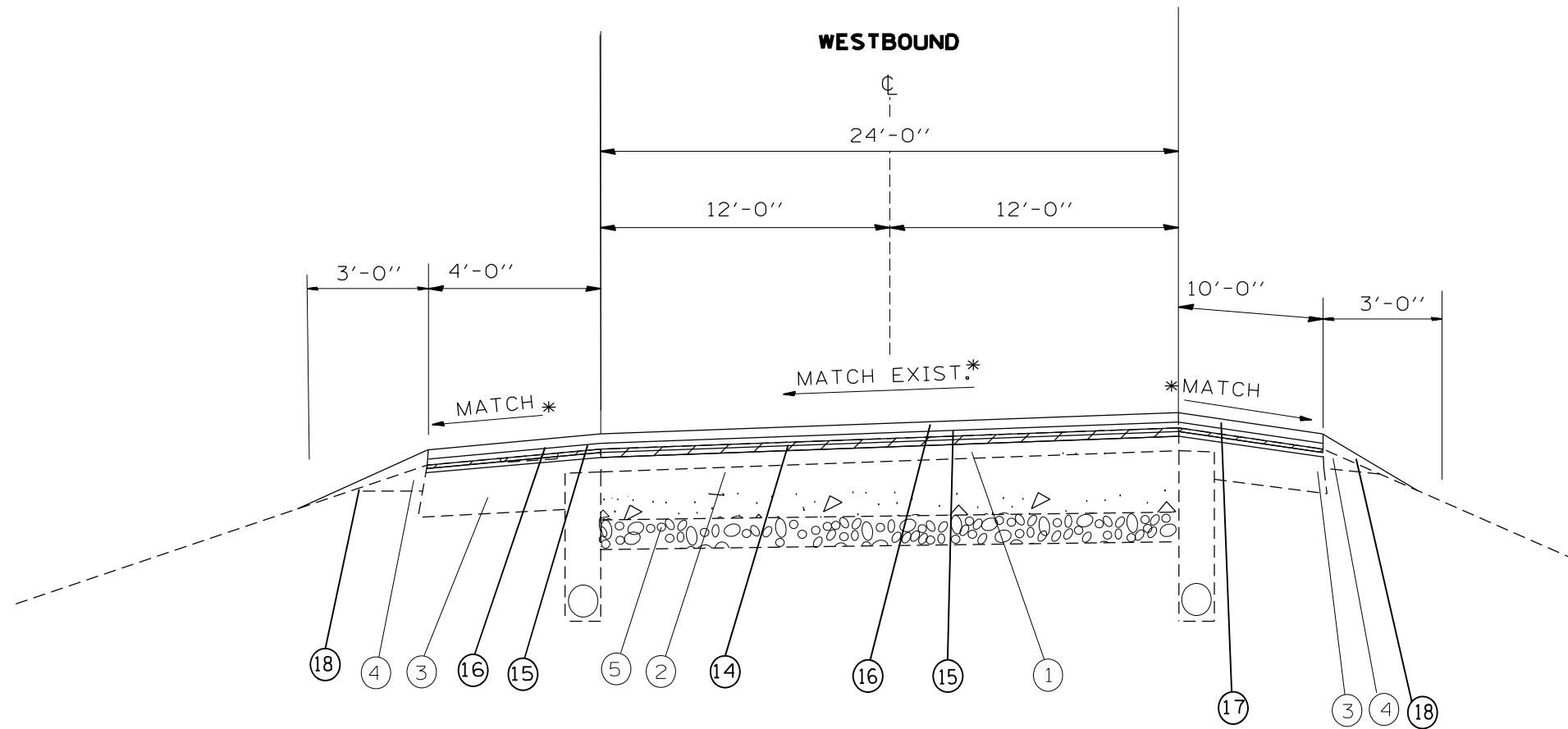
- EXISTING**
- ① BIT. OVERLAY
 - ② CRC PAVEMENT 7"
 - ③ BIT. SHOULDER
 - ④ AGG. SHOULDER
 - ⑤ STABILIZED SUB BASE
- PROPOSED**
- ⑭ HMA SURFACE REMOVAL, - 1/2"
 - ⑮ POLY HMA BC, IL 9.5, - 1 1/2"
 - ⑯ POLY HMA SC, SMA, IL 12.5, - 2"
 - ⑰ HMA SHOULDER
 - ⑱ AGGREGATE SHOULDER, TY B

W.B. I-74 TANGENT SECTION

STA. 11+21 TO STA. 154+85 BK
 STA. 5+00 AH TO STA. 85+66 BK
 STA. 236+79 AH TO STA. 469+63 BK
 STA. 469+44 AH TO STA. 530+12 BK
 STA. 1+00 AH TO STA. 191+96

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pr.bentley.com\PWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F89\CAD\CADsheets\FINAL FOR SUBMITTAL.dwg	DRAWN	REVISED -	74			(37-24;48-24,26,26,-1)RS-4	KNOX/HENRY	74	40	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68F89				
	PLOT DATE = 3/23/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

LEGEND	
<u>EXISTING</u>	
①	BIT. OVERLAY
②	CRC PAVEMENT 7"
③	BIT. SHOULDER
④	AGG. SHOULDER
⑤	STABILIZED SUB BASE
<u>PROPOSED</u>	
⑭	HMA SURFACE REMOVAL, - 1/2"
⑮	POLY HMA BC, IL 9.5, - 1 1/2"
⑯	POLY HMA SC, SMA, IL 12.5, - 2"
⑰	HMA SHOULDER
⑱	AGGREGATE SHOULDER, TY B



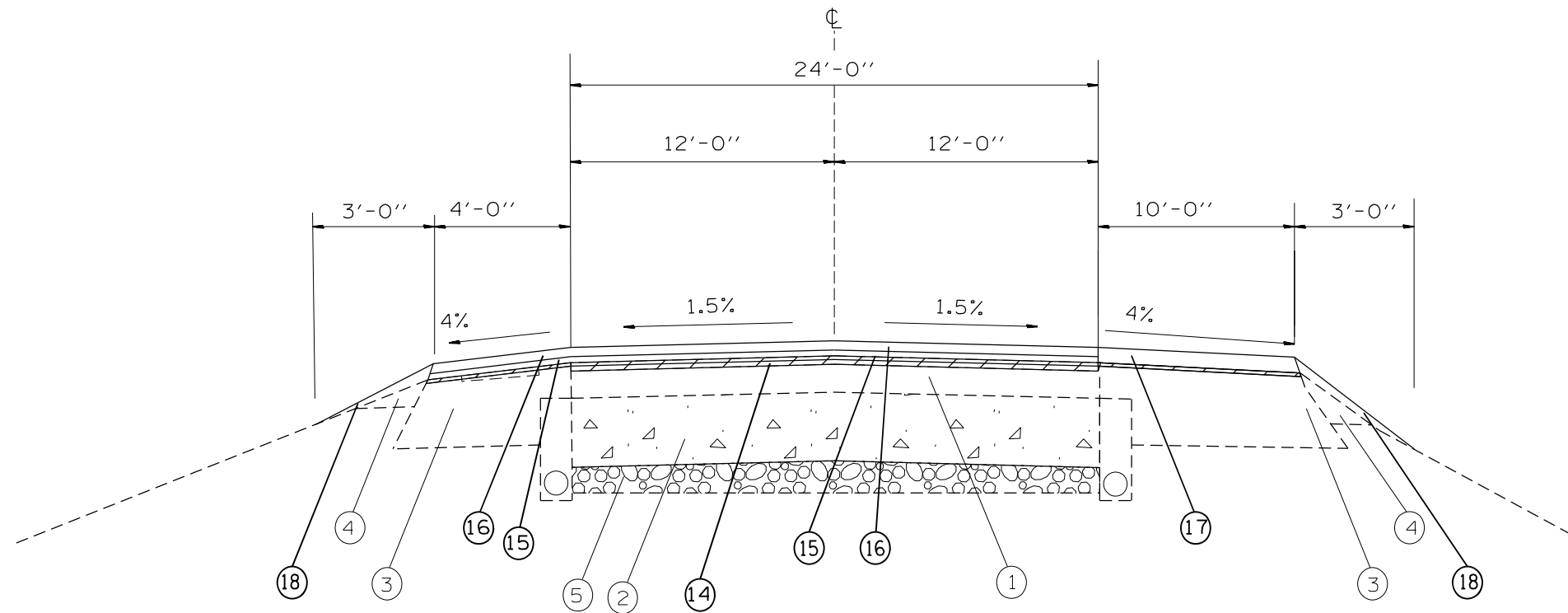
W.B. I-74 SUPER ELEVATED SECTION

STA 86+84 TO STA 99+39
 STA 115+90 TO STA 123+94
 STA 9+91 TO 22+78
 STA 45+54 TO STA 58+74
 STA 62+85 TO STA 75+61
 STA 433+17 TO STA 455+26

*NOTE
 THE EXISTING SUPERELEVATION RATES SHALL BE FIELD VERIFIED WHILE LANE IS CLOSED, PRIOR TO MILLING. THE RESIDENT ENGINEER SHALL DETERMINE THE AVERAGE RATE OF THE EXISTING PAVEMENT WHICH SHALL BE USED FOR THE PROPOSED MILL AND OVERLAY UNLESS RATE IS FOUND TO BE OUTSIDE OF POLICY VALUES, INDICATING A CORRECTION WOULD BE NEEDED.

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	CHECKED -	REVISED -			74	(37-24;48-24,26,26,-1)RS-4	KNOX/HENRY	74	41	
		DATE -	REVISED -			SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 68F89			
						ILLINOIS FED. AID PROJECT					

EASTBOUND



LEGEND

- EXISTING
- ① BIT. OVERLAY
 - ② CRC PAVEMENT 7"
 - ③ BIT. SHOULDER
 - ④ AGG. SHOULDER
 - ⑤ STABILIZED SUB BASE
- PROPOSED
- ⑭ HMA SURFACE REMOVAL, - 3/4"
 - ⑮ POLY HMA BC, IL 9.5, - 1 1/2"
 - ⑯ POLY HMA SC, SMA, IL 12.5, - 2"
 - ⑰ HMA SHOULDER
 - ⑱ AGGREGATE SHOULDER, TY B

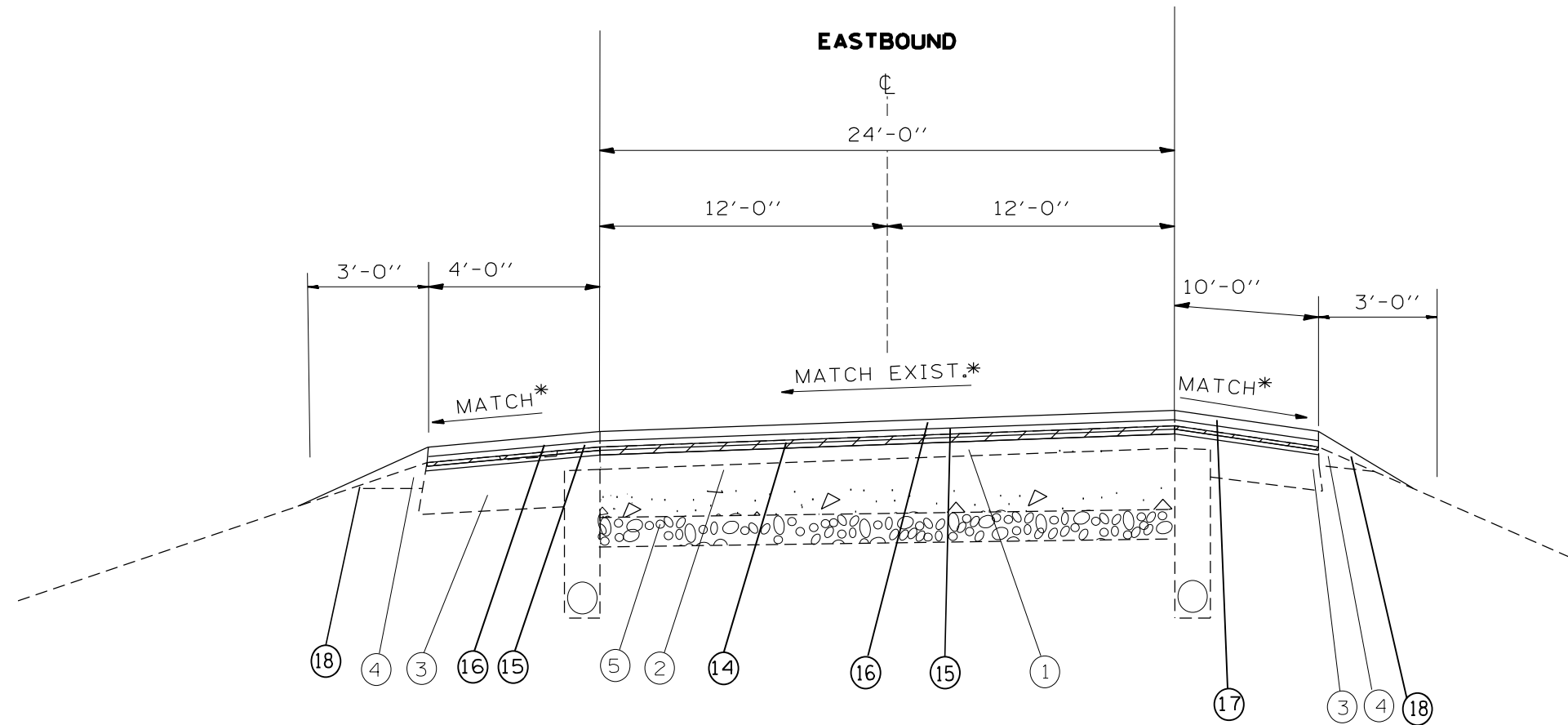
E.B. I-74 TANGENT SECTION

STA. 11+21 TO STA. 469+55 BK
 STA. 469+44 AH TO STA. 530+12 BK
 STA. 1+00 AH TO STA. 191+96

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pr.bentley.com\PIWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F89\CAD\CADsheets\FINAL FOR SUBMITTAL.dgn	DRAWN	REVISIONS	74				(37-24;48-24,26,26,-1)RS-4	KNOX/HENRY	74	42	
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	PLOT DATE = 3/23/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

- EXISTING
- ① BIT. OVERLAY
 - ② CRC PAVEMENT 7"
 - ③ BIT. SHOULDER
 - ④ AGG. SHOULDER
 - ⑤ STABILIZED SUB BASE
- PROPOSED
- ⑭ HMA SURFACE REMOVAL, -3/4"
 - ⑮ POLY HMA BC, IL 9.5,- 1 1/2"
 - ⑯ POLY HMA SC, SMA, IL 12.5, - 2"
 - ⑰ HMA SHOULDER
 - ⑱ AGGREGATE SHOULDER, TY B



E.B. I-74 SUPER ELEVATED SECTION

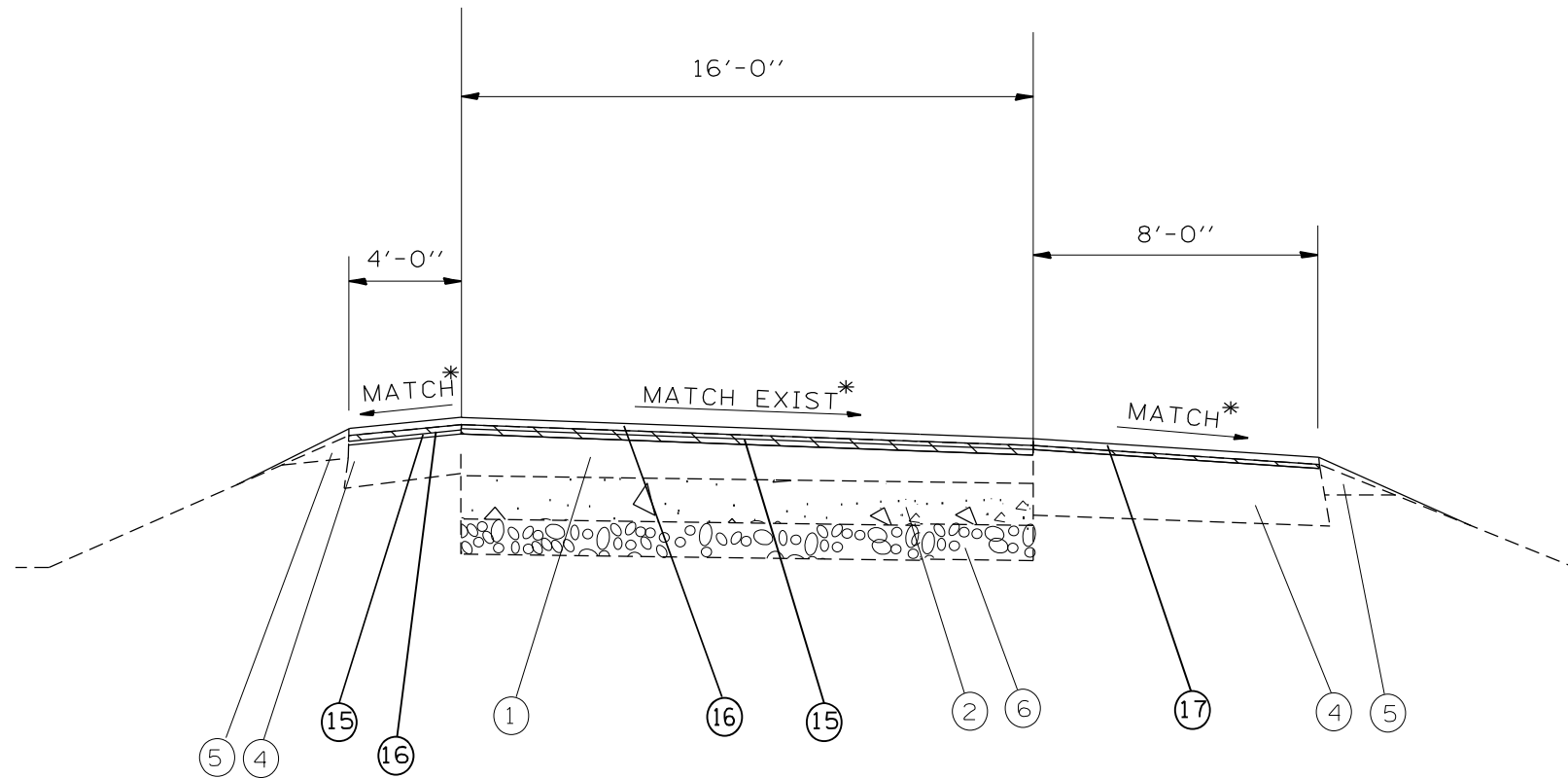
STA 88+24 TO STA 97+99
 STA 117+30 TO STA 132+54
 STA 154+85 TO 164+24
 STA 185+94 TO STA 218+61
 STA 226+10 TO STA 236+23

*NOTE
 THE EXISTING SUPERELEVATION RATES SHALL BE FIELD VERIFIED WHILE LANE IS CLOSED, PRIOR TO MILLING. THE RESIDENT ENGINEER SHALL DETERMINE THE AVERAGE RATE OF THE EXISTING PAVEMENT WHICH SHALL BE USED FOR THE PROPOSED MILL AND OVERLAY UNLESS RATE IS FOUND TO BE OUTSIDE OF POLICY VALUES, INDICATING A CORRECTION WOULD BE NEEDED.

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	CHECKED -	REVISED -			74	(37-24;48-24,26,26,-1)RS-4	KNOX/HENRY	74	43	
		DATE -	REVISED -			CONTRACT NO. 68F89					
						ILLINOIS FED. AID PROJECT					

LEGEND

- EXISTING
- ① BIT. OVERLAY
 - ② P.C.C. PAVT. 8"
 - ③ CRC PAVEMENT 7"
 - ④ BIT. SHOULDER
 - ⑤ AGG. SHOULDER
 - ⑥ STABILIZED SUB BASE
- PROPOSED
- ⑭ HMA SURFACE REMOVAL, - 1/2"
 - ⑮ POLY HMA BC, IL 9.5,- 1 1/2"
 - ⑯ POLY HMA SC, IL 9.5,- 2"
 - ⑰ HMA SHOULDER
 - ⑱ AGGREGATE SHOULDER, TY B



RAMP A STA 1+58 TO STA 16+37

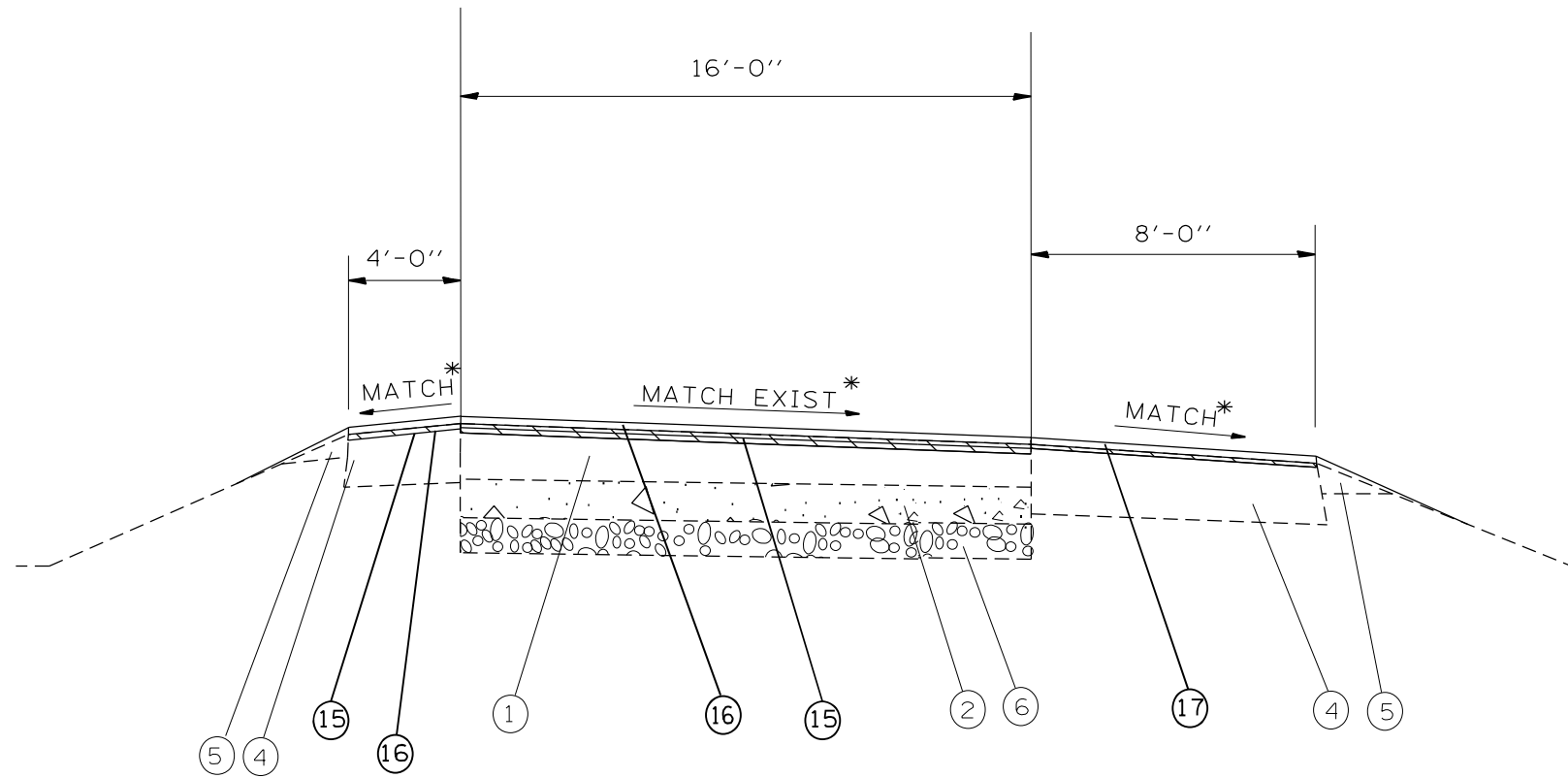
RAMP B STA 0+00 TO STA 17+54

*NOTE
 THE EXISTING SUPERELEVATION RATES SHALL BE FIELD VERIFIED WHILE LANE IS CLOSED, PRIOR TO MILLING. THE RESIDENT ENGINEER SHALL DETERMINE THE AVERAGE RATE OF THE EXISTING PAVEMENT WHICH SHALL BE USED FOR THE PROPOSED MILL AND OVERLAY UNLESS RATE IS FOUND TO BE OUTSIDE OF POLICY VALUES, INDICATING A CORRECTION WOULD BE NEEDED.

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
px:\idot-pr.bentley.com\PWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F89\CAD\CADsheets\FINAL FOR SUBMITTAL.dwg	DRAWN	REVISIONS	74			(37-24;48-24,26,26,-1)RS-4	KNOX/HENRY	74	44	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68656				
	PLOT DATE = 3/23/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

LEGEND

- EXISTING
- ① BIT. OVERLAY
 - ② P.C.C. PAVT. 8"
 - ③ CRC PAVEMENT 7"
 - ④ BIT. SHOULDER
 - ⑤ AGG. SHOULDER
 - ⑥ STABILIZED SUB BASE
- PROPOSED
- ⑭ HMA SURFACE REMOVAL, - 3/4"
 - ⑮ POLY HMA BC, IL 9.5,- 1 1/2"
 - ⑯ POLY HMA SC, IL 9.5,- 2"
 - ⑰ HMA SHOULDER
 - ⑱ AGGREGATE SHOULDER, TY B

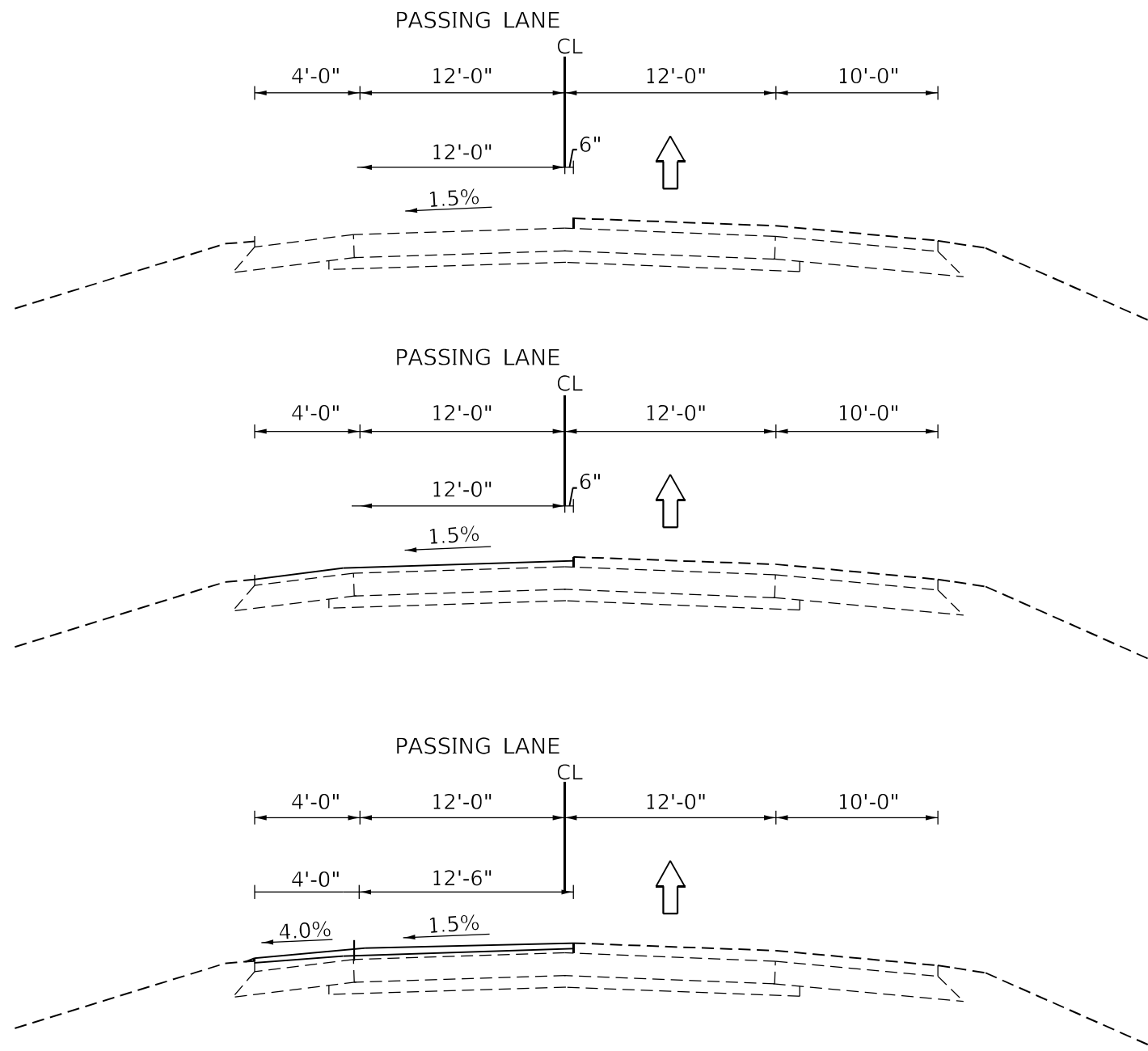


RAMP C STA 0+00 TO STA 17+07

RAMP D STA 1+63 TO STA 22+43

*NOTE
 THE EXISTING SUPERELEVATION RATES SHALL BE FIELD VERIFIED WHILE LANE IS CLOSED, PRIOR TO MILLING. THE RESIDENT ENGINEER SHALL DETERMINE THE AVERAGE RATE OF THE EXISTING PAVEMENT WHICH SHALL BE USED FOR THE PROPOSED MILL AND OVERLAY UNLESS RATE IS FOUND TO BE OUTSIDE OF POLICY VALUES, INDICATING A CORRECTION WOULD BE NEEDED.

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68F89				
	PLOT DATE = 3/23/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



STAGE I (EBL)

Mill 0.75" on passing Lane extending 6" past centerline and on the inside shoulder

Place 1.5" Binder Course on Passing Lane extending 6" past centerline and on inside shoulder.

Place 2" Surface Course on Passing Lane extending 6" past centerline and on inside shoulder.

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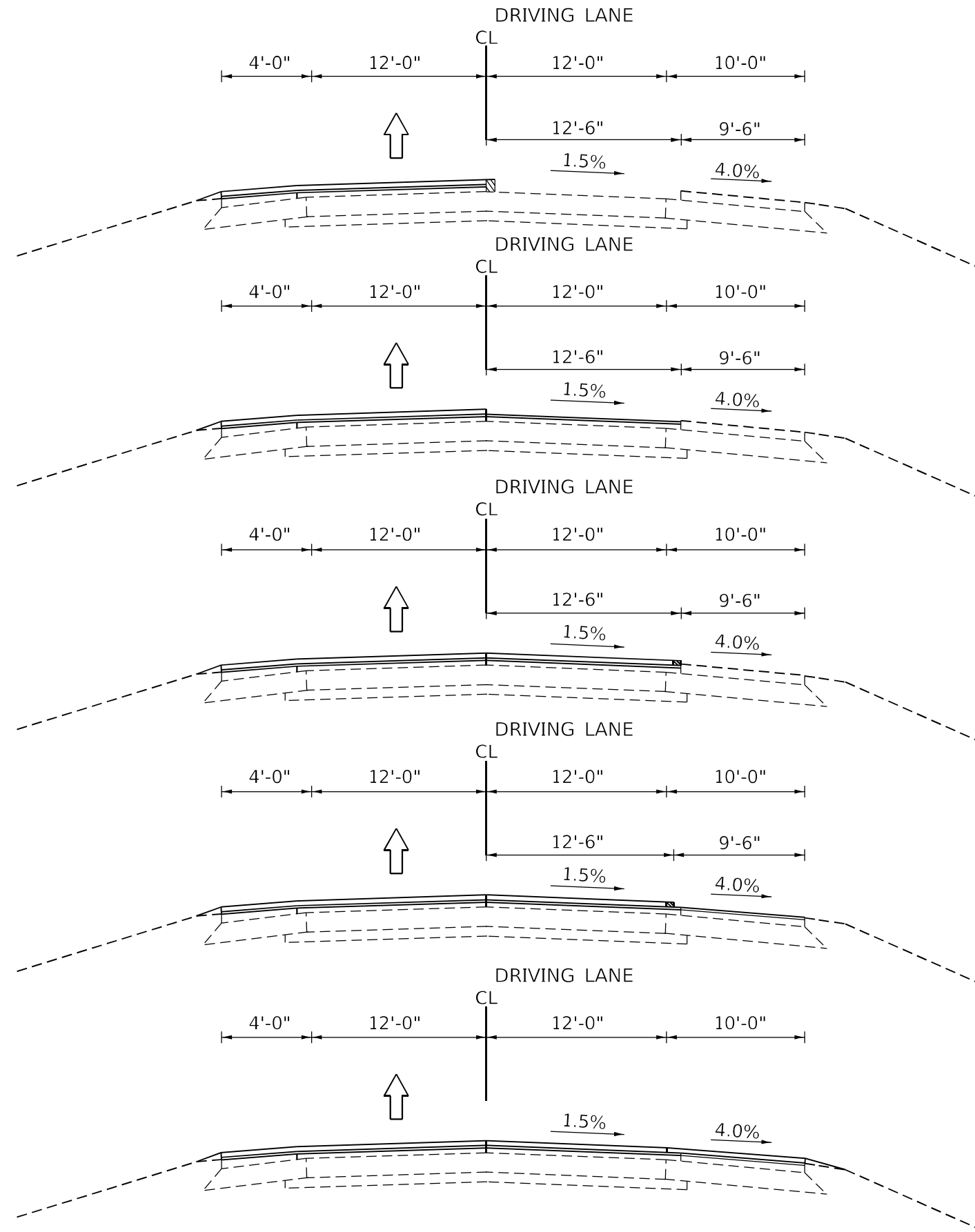
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Mainline Sequence

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	47
CONTRACT NO. 68F89				
ILLINOIS FED. AID PROJECT				



STAGE II (WBL)

- Mill 0.5" on Driving Lane extending 6" onto the outside shoulder.
- Place 1.5" Binder Course on Driving Lane extending 6" onto the outside shoulder.
- Place 2" Surface Course on Driving Lane extending 6" onto the outside shoulder.
- Mill 0.5" on outside shoulder including the 6" previously placed over the mainline
- Place 1.5" HMA shoulder lower lift on outside shoulder.
- Place 2"HMA shoulder Upper lift on outside shoulder.

MODEL: D:\p1\h...
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 OFFICES\Distric...
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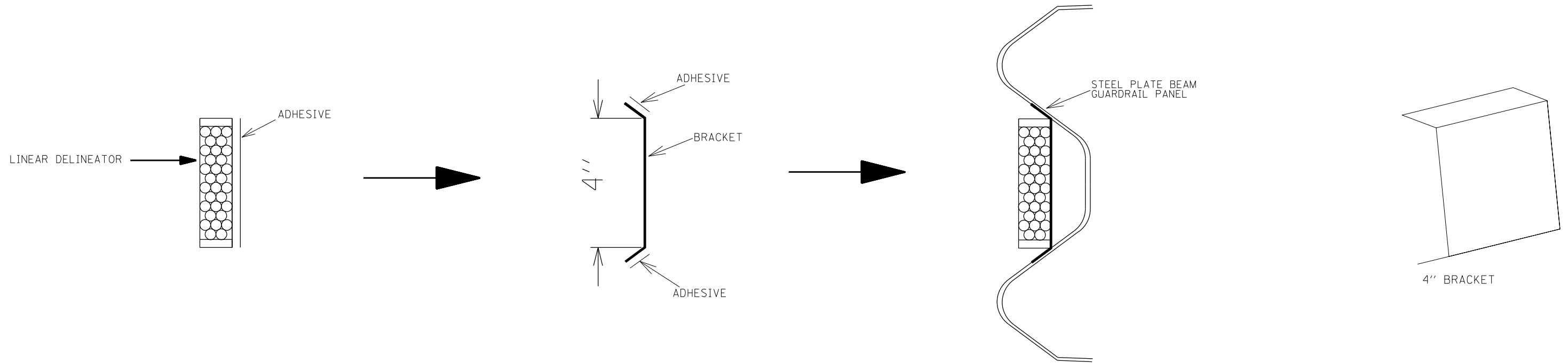
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/23/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mainline Sequence				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	48
CONTRACT NO. 68F89				
ILLINOIS FED. AID PROJECT				

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LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL
 LINEATOR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

USER NAME = Mike,Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINEAR DELINEATOR PANELS, 4 INCH DETAIL		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000 * / in.	DRAWN -	REVISED -				74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	52
PLOT DATE = 3/23/2023	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 68F89				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

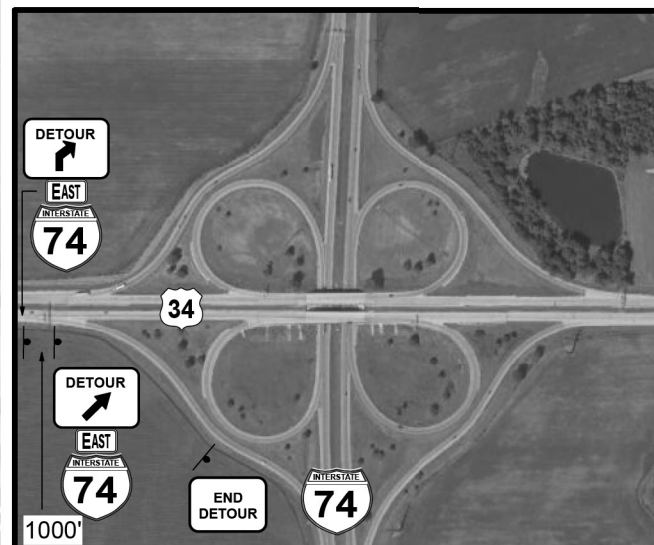
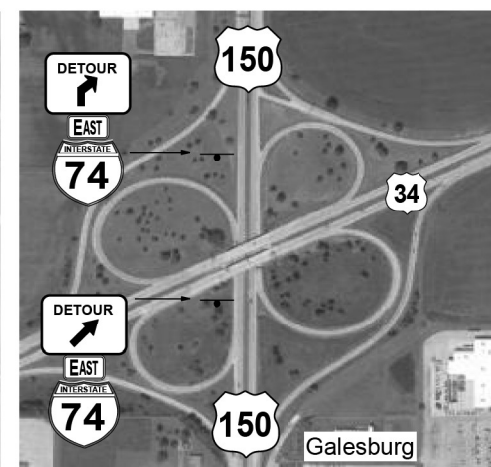
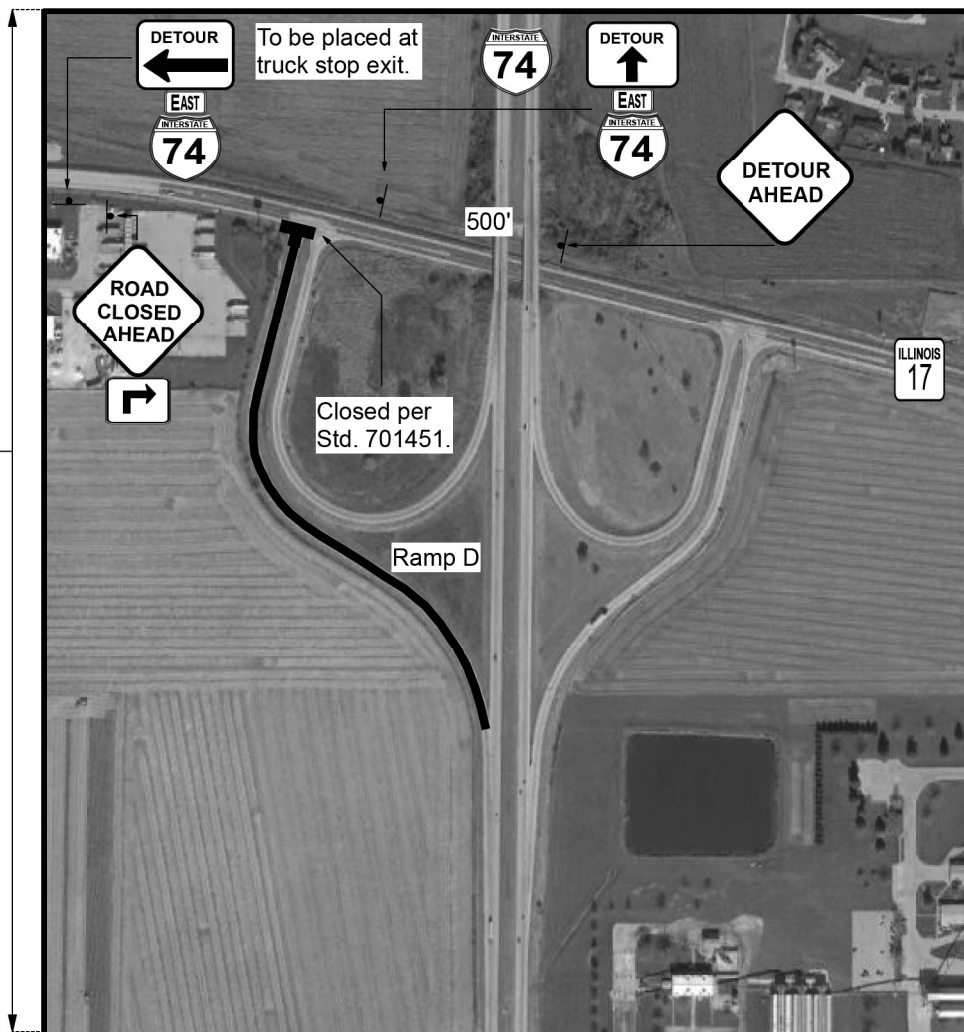
RAMP D DETOUR AND CLOSURE



Two Portable Changeable Message Signs shall be placed on IL 17 seven days in advance to advance warn the motoring public.

All signs on I-74 shall be sized for Expressways/Freeways and sized for Conventional Roads on all others per MUTCD.

Cardinal direction signs and "TO" shall be white on blue.



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 PROJECT: ...
 DATE: 3/23/2023

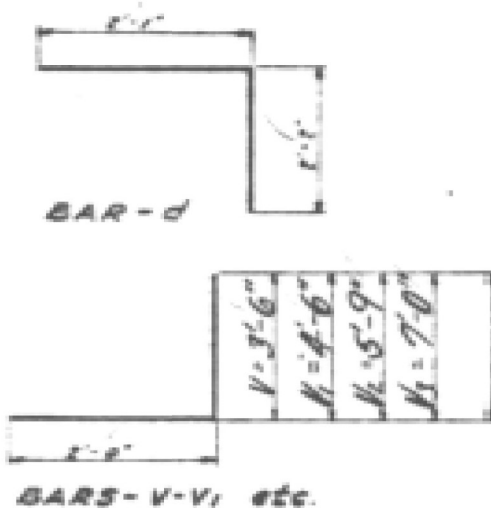
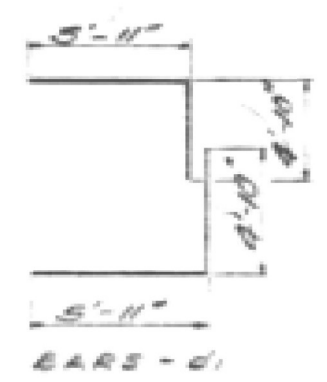
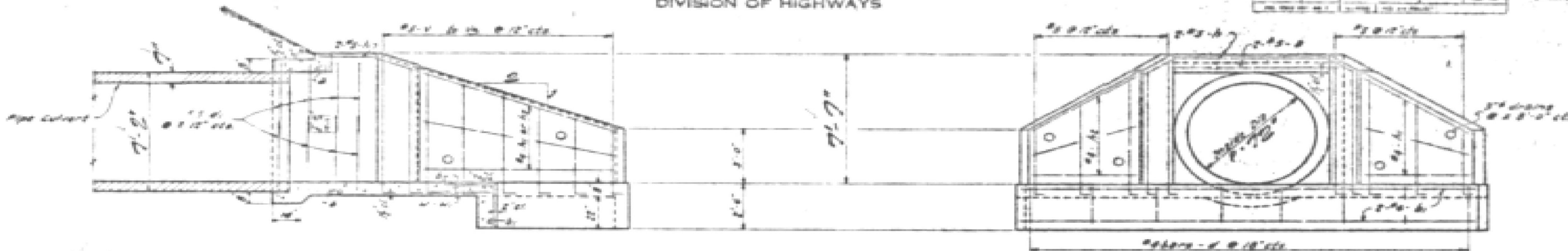
USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMPS CLOSURE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24, 48-24, 25, 26-1) RS-4	HENRY/KNOX	74	56
CONTRACT NO. 68F 89				

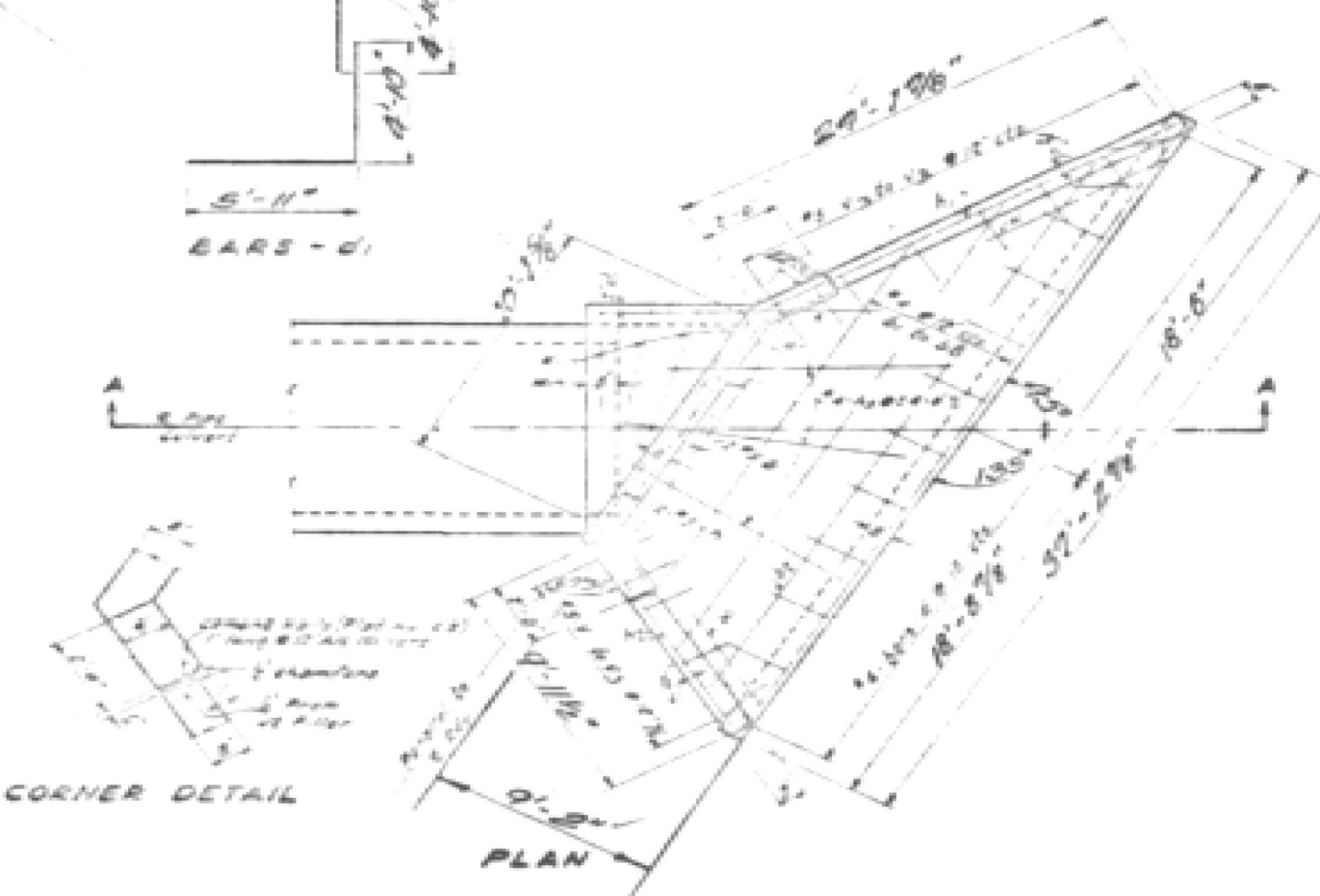
ILLINOIS FED. AID PROJECT



ONE HEADWALL
BILL OF MATERIAL

BAR	NO	SIZE	LENGTH
1	2	#8	11'-0"
2	2	#8	13'-0"
3	2	#8	19'-0"
4	2	#8	17'-9"
5	2	#8	16'-6"
6	1	#8	27'-0"
7	1	#8	26'-3"
8	1	#8	23'-6"
9	1	#8	20'-9"
10	1	#8	18'-0"
11	24	#8	4'-3"
12	12	#8	10'-9"
13	2	#8	14'-3"
14	4	#8	21'-9"
15	4	#8	7'-6"
16	5	#8	8'-0"
17	8	#8	5'-6"
18	7	#8	6'-6"
19	8	#8	7'-9"
20	7	#8	9'-0"
21	1	#8	15'-0"
22	1	#8	9'-0"

CLASS I Concrete with 45.2
Reinforcement bars like 810



CORNER DETAIL

NOTES:
Class I Concrete shall be used throughout.
The cost of furnishing and installing
concrete joints and precasted wing
walls shall be included in contract and
price for Class I Concrete.
Build tops of headwalls parallel to
grade line.

NOTE: - All bars shall be round ASTM A615-65
The size number is the number of
inches in the nominal diameter.

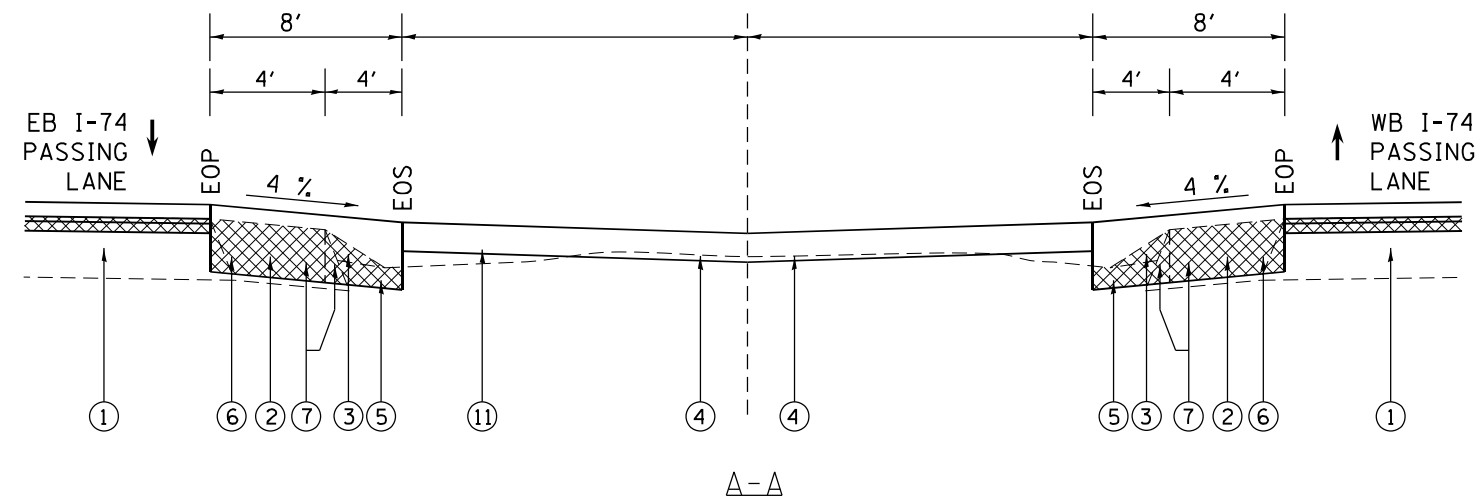
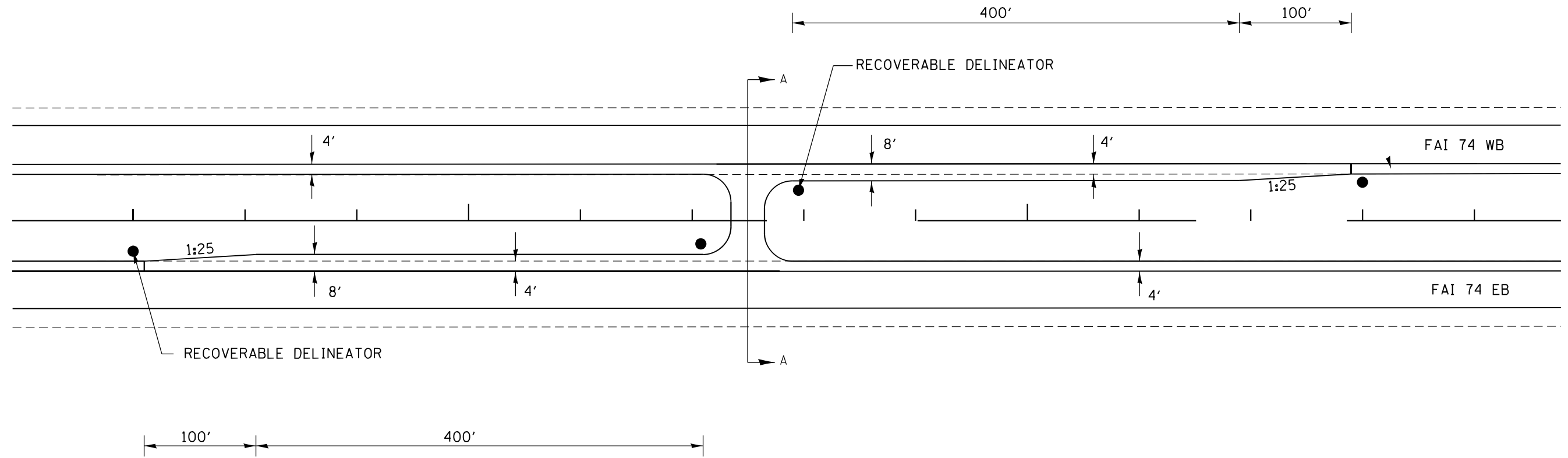
FEB. 14, 1966

DESIGNED	BY	DATE	BY
DRAWN	BY	DATE	BY
CHECKED	BY	DATE	BY
APPROVED	BY	DATE	BY

REINFORCED CONCRETE HEADWALLS
72" DIAMETER
PIPE CULVERTS
45° SKEWED WITH ROADWAY

F.A.I. RTE. 74
SEC 97-24
STATION 99+70

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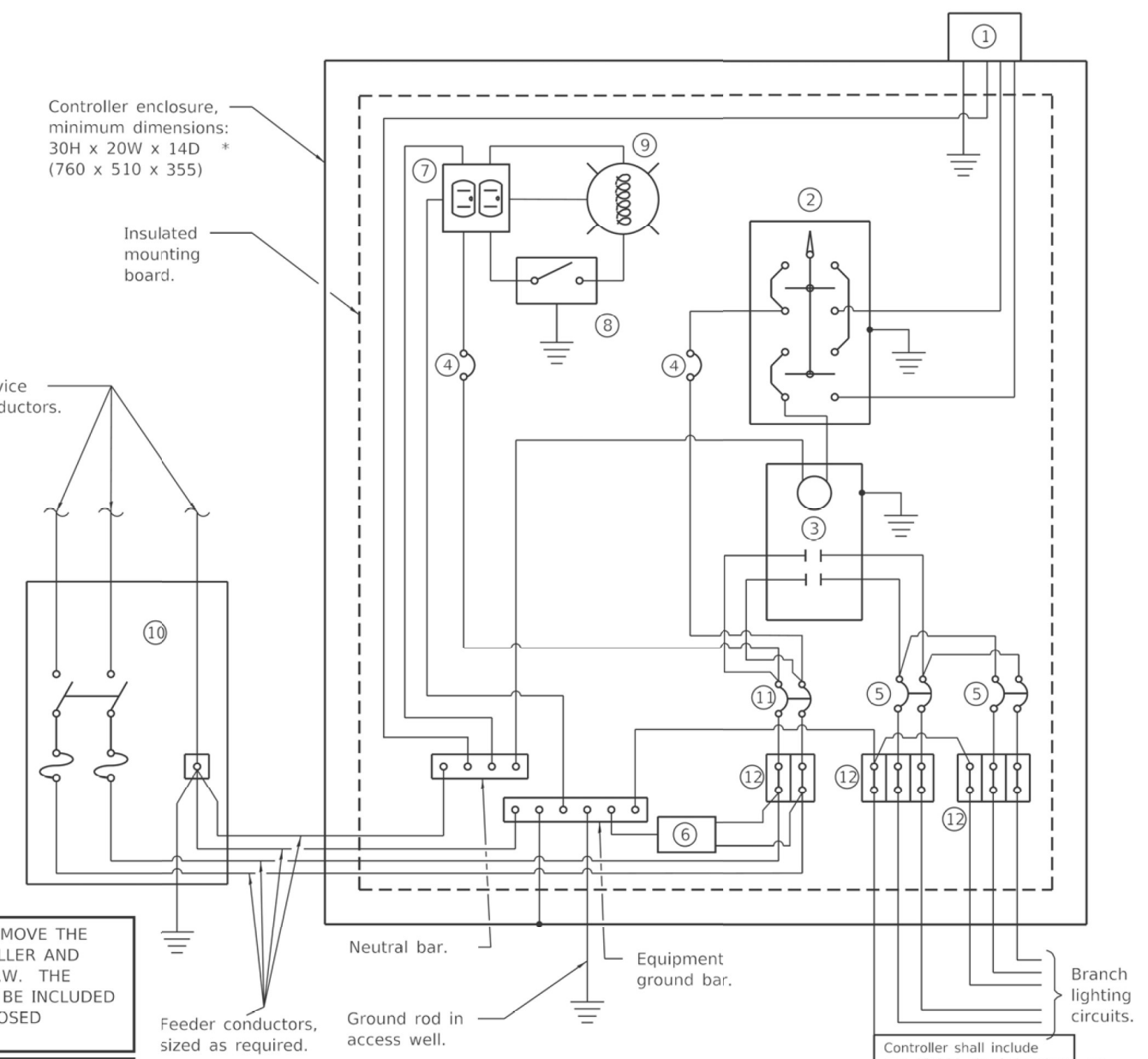
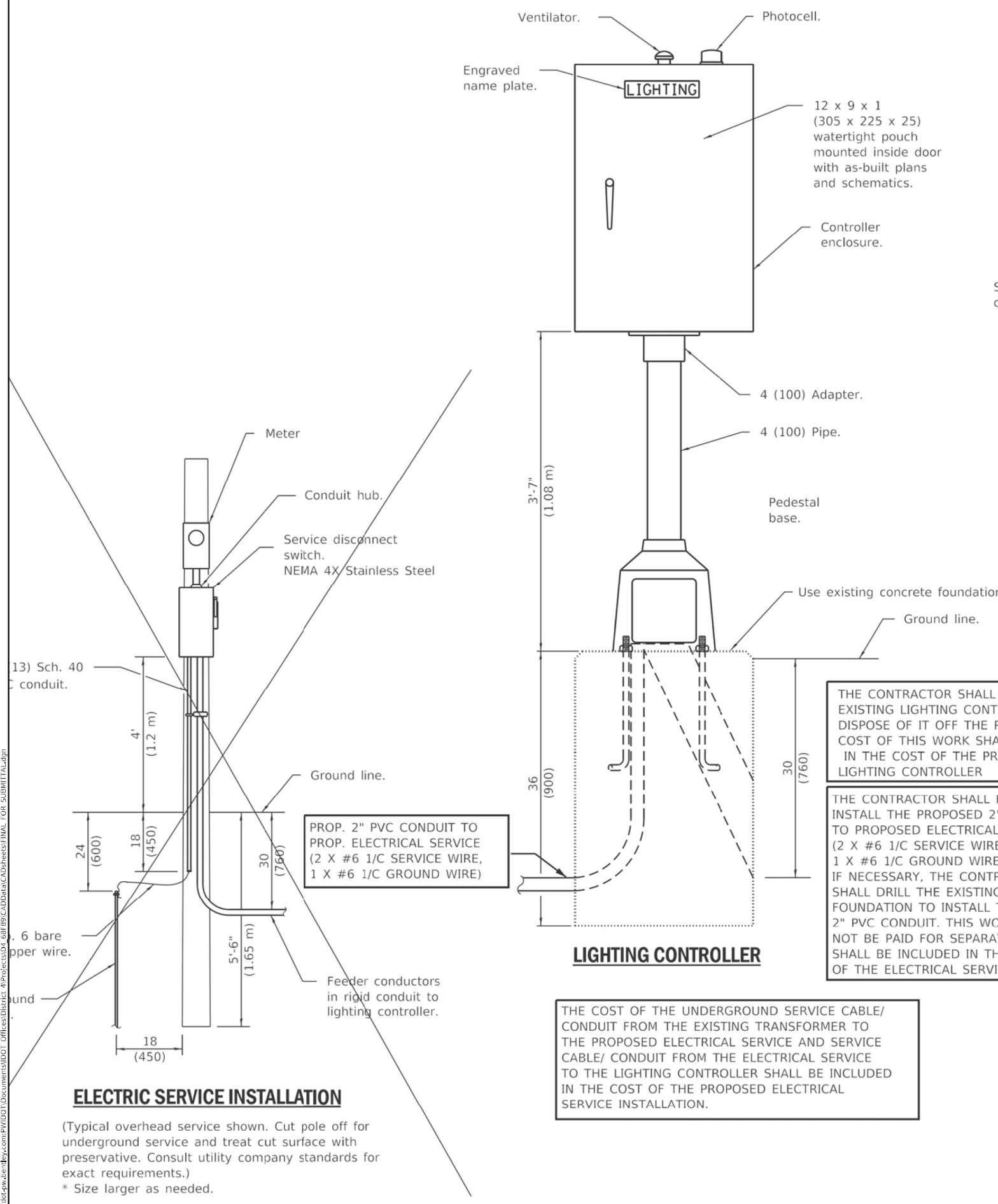


- ① EX. CRC PCC
- ② EX. HMA SHOULDER
- ③ EX. AGG. SHOULDER
- ④ EX. AGG SURFACE 10"
- ⑤ PROP. EXCAVATING AND GRADING EXISTING SHOULDERS
- ⑥ PROP. HMA SHOULDER REMOVAL 5.25"(EB) 5.00"(WB)
- ⑦ PROP. HMA SHOULDER 8.0"

NOT TO SCALE

FILE NAME =	USER NAME = Mike.Jacobs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER WIDENING DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pr.bentley.com\PIWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68F89\CAD\CAD sheets\FINAL FOR SUBMITTAL.dgn	DRAWN	REVISIONS	74					(37-24)48-24,25,26-DRS-4	HENRY/KNOX	74	62	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68F89		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/23/2023	DATE -	REVISIONS									

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THE CONTRACTOR SHALL REMOVE THE EXISTING LIGHTING CONTROLLER AND DISPOSE OF IT OFF THE R.O.W. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED LIGHTING CONTROLLER

THE CONTRACTOR SHALL FURNISH AND INSTALL THE PROPOSED 2" PVC CONDUIT TO PROPOSED ELECTRICAL SERVICE (2 X #6 1/C SERVICE WIRE, 1 X #6 1/C GROUND WIRE) IF NECESSARY, THE CONTRACTOR SHALL DRILL THE EXISTING CONCRETE FOUNDATION TO INSTALL THE PROP. 2" PVC CONDUIT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE ELECTRICAL SERVICE INSTALLATION.

THE COST OF THE UNDERGROUND SERVICE CABLE/ CONDUIT FROM THE EXISTING TRANSFORMER TO THE PROPOSED ELECTRICAL SERVICE AND SERVICE CABLE/ CONDUIT FROM THE ELECTRICAL SERVICE TO THE LIGHTING CONTROLLER SHALL BE INCLUDED IN THE COST OF THE PROPOSED ELECTRICAL SERVICE INSTALLATION.

CONTROL SCHEMATIC

- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch.
- ③ 60 amp*, electrically held contactor.
- ④ 15 amp, 1-pole circuit breaker.
- ⑤ 30 amp*, 2-pole circuit breaker (QTY 2.0 PLUS 2 SPARE).
- ⑥ Surge arrester.
- ⑦ GFCI duplex receptacle.
- ⑧ Single-pole, single-throw switch.
- ⑨ LED light bulb, enclosed and gasketed with 800 lumen lamp.
- ⑩ Service disconnect switch - 2-pole, 3-wire, 60 amp*, fused at 60 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
- ⑪ 60 amp*, 2-pole circuit breaker.
- ⑫ Terminal block sized for conductors as shown on plans.
- ⑬ 20 amp, 1-pole circuit breaker for ITS cabinet (continuous power)

* Size larger as needed.

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

ELECTRIC SERVICE INSTALLATION

(Typical overhead service shown. Cut pole off for underground service and treat cut surface with preservative. Consult utility company standards for exact requirements.)
 * Size larger as needed.

USER NAME = Mike Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

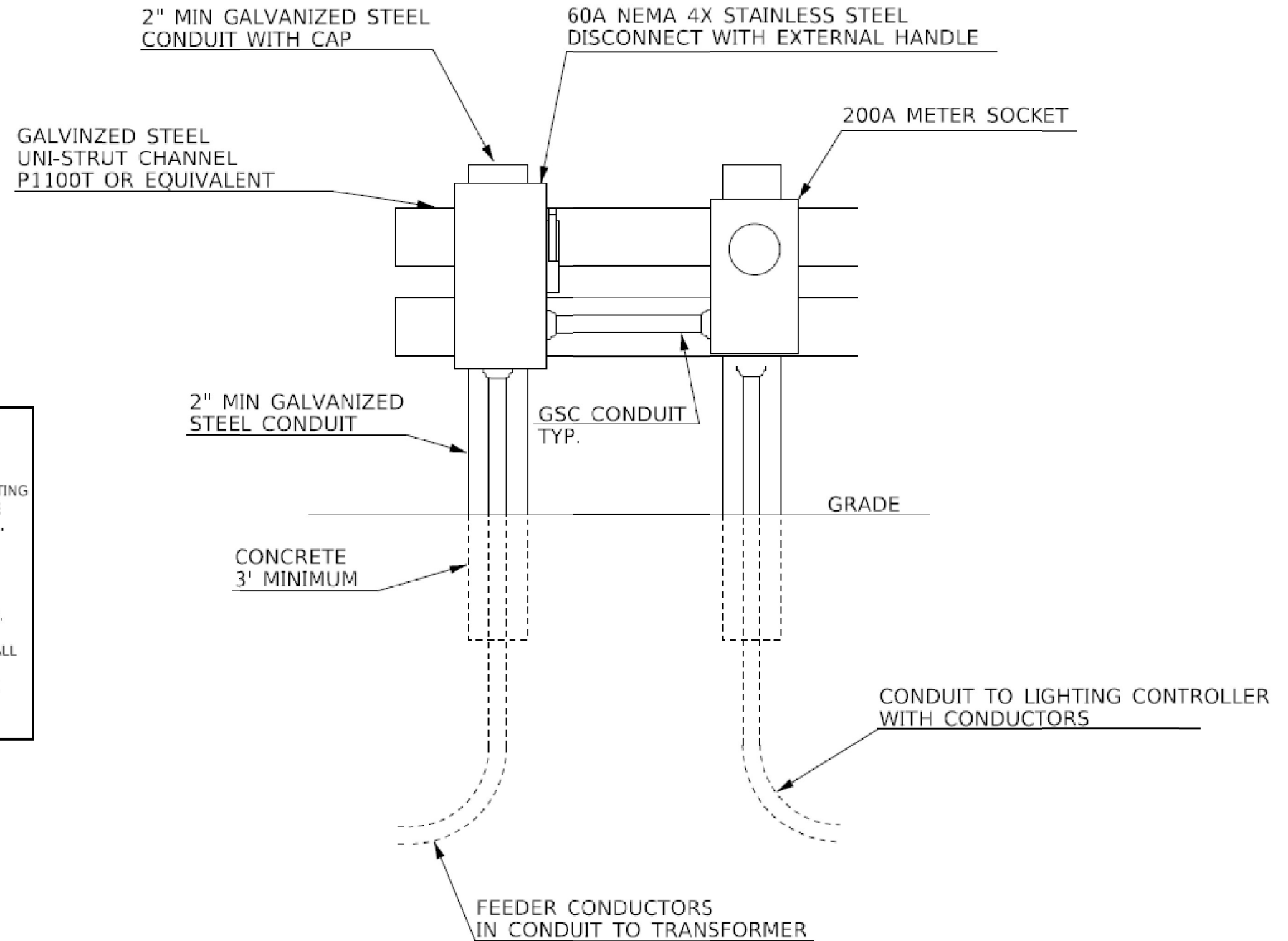
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING CONTROLLER DETAIL
I-74 & IL 17 (EXIT 32) (WOODHULL) - HENRY COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	64
CONTRACT NO. 68F89			ILLINOIS FED. AID PROJECT	

ELECTRIC SERVICE INSTALLATION



- NOTES:**
1. THE COST OF THE UNDERGROUND SERVICE CABLE/ CONDUIT FROM THE EXISTING TRANSFORMER TO THE PROPOSED ELECTRICAL SERVICE AND SERVICE CABLE/ CONDUIT FROM THE ELECTRICAL SERVICE TO THE LIGHTING CONTROLLER SHALL BE INCLUDED IN THE COST OF THE PROPOSED ELECTRICAL SERVICE INSTALLATION, SPECIAL.
 2. THE CONTRACTOR SHALL VERIFY UTILITY COMPANY SERVICE INSTALLATION REQUIREMENTS, THERE WILL BE NO ADDITIONAL COMPENSATION TO ACCOMODATE ADDITIONAL REQUIREMENTS NOT SHOWN IN THE PLANS.
 3. THE PROPOSED ELECTRICAL SERVICE INSTALLATION SHALL BE LOCATED WITHIN 15 FT. OF THE EXISTING LIGHTING CONTROLLER CABINET AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST UTILITY COMPANY REQUIREMENTS.

MODEL: Default
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USER NAME = Mike.Jacobs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

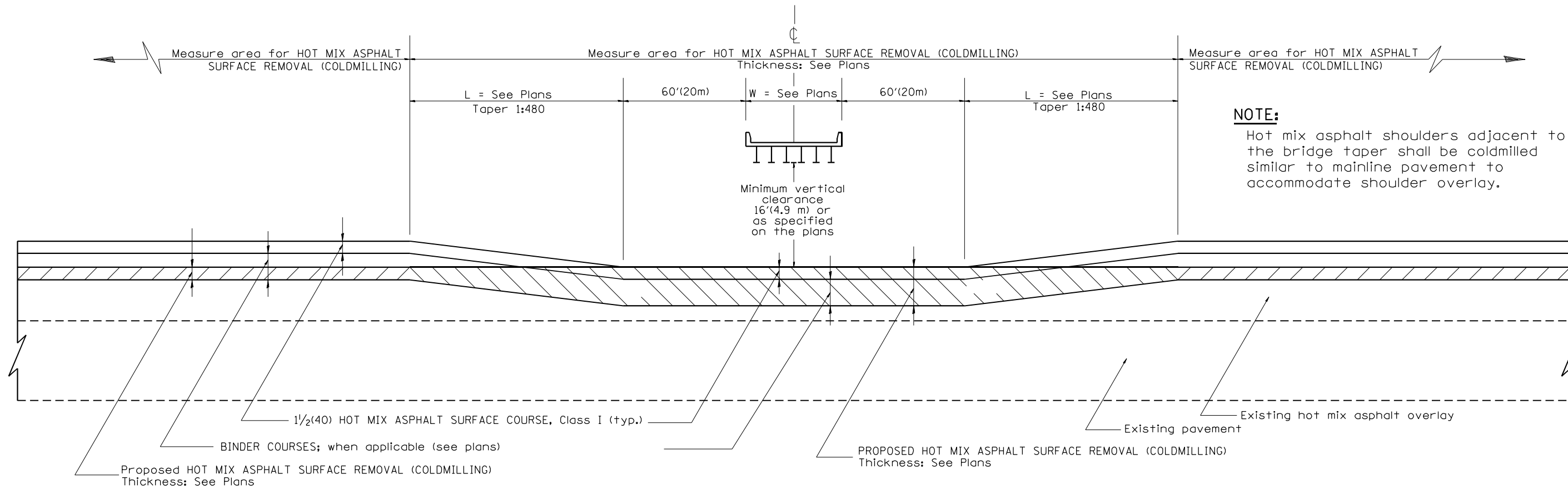
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELECTRIC SERVICE INSTALLATION, SPECIAL DETAIL

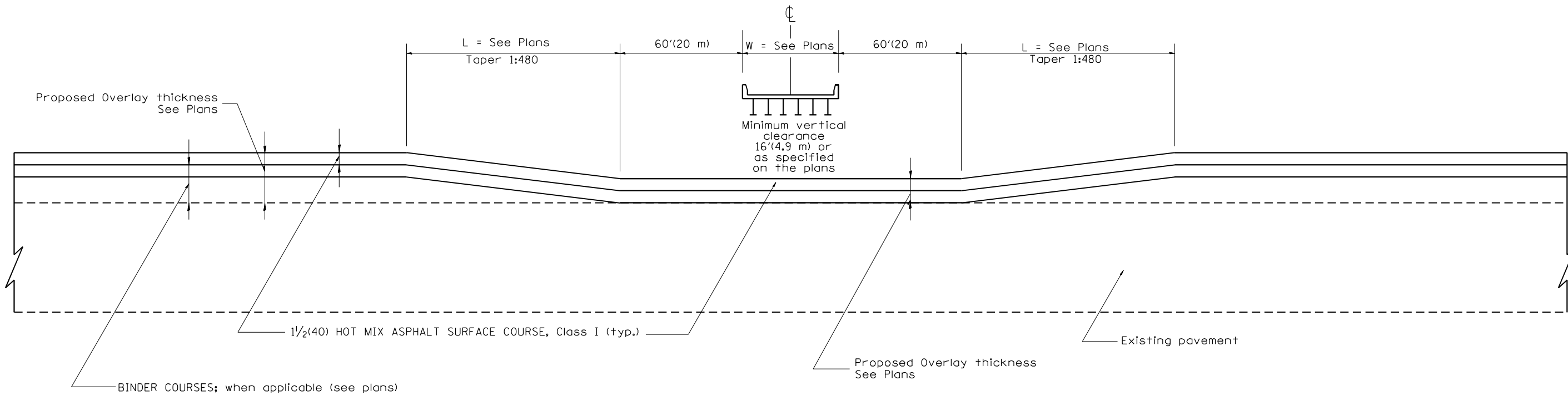
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24;48-24,25,26-1)RS-4	HENRY/KNOX	74	65
CONTRACT NO. 68F89			ILLINOIS FED. AID PROJECT	

DESIGNER NOTES:
 1. THIS TREATMENT SHOULD ONLY BE USED WHERE NECESSARY TO MAINTAIN MINIMUM VERTICAL CLEARANCE.
 2. THE PREFERRED TREATMENT IS FULL DEPTH OVERLAY. CHECK WITH YOUR PROJECT ENGINEER PRIOR TO USING.
 3. INCLUDE DISTRICT SPECIAL PROVISION FOR HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING).



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



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

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

01-01-97	RENUM. C-23.03, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.
07-16-19	HMA shoulder note edited	R.D.

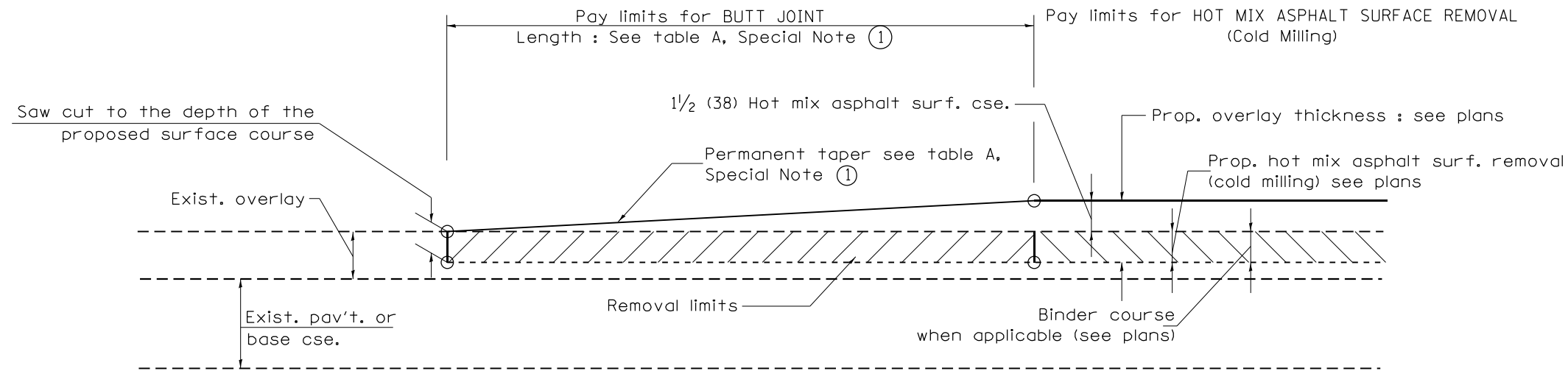
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER STRUCTURES
 SPECIAL TREATMENT**

NOT TO SCALE

CADD STD. 406001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24, 48-24, 25, 26-1) RS-4	HENRY/KNOX	74	66
CONTRACT NO. 68F89				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



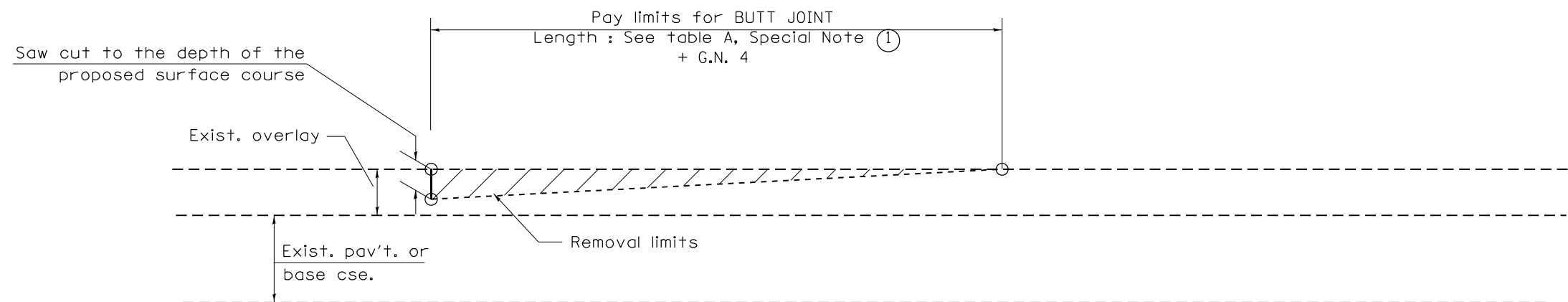
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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

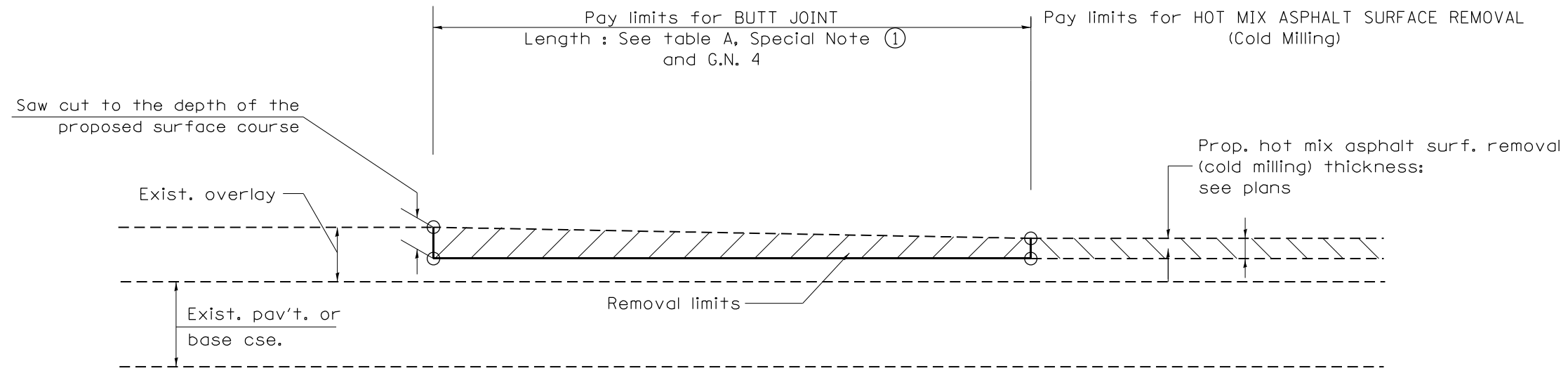
GENERAL NOTES

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.

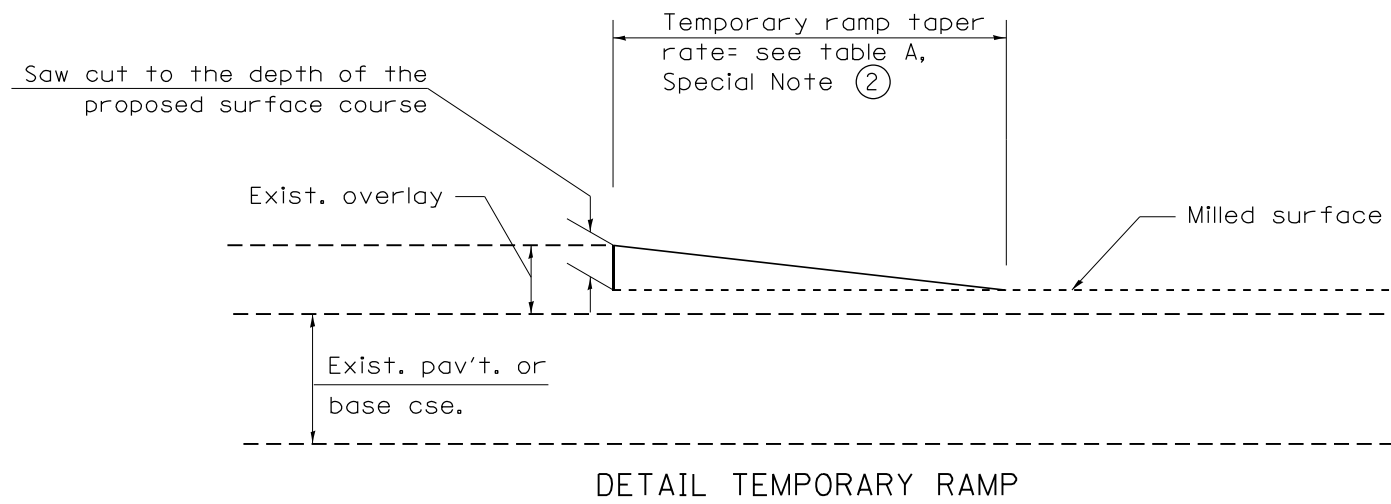


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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



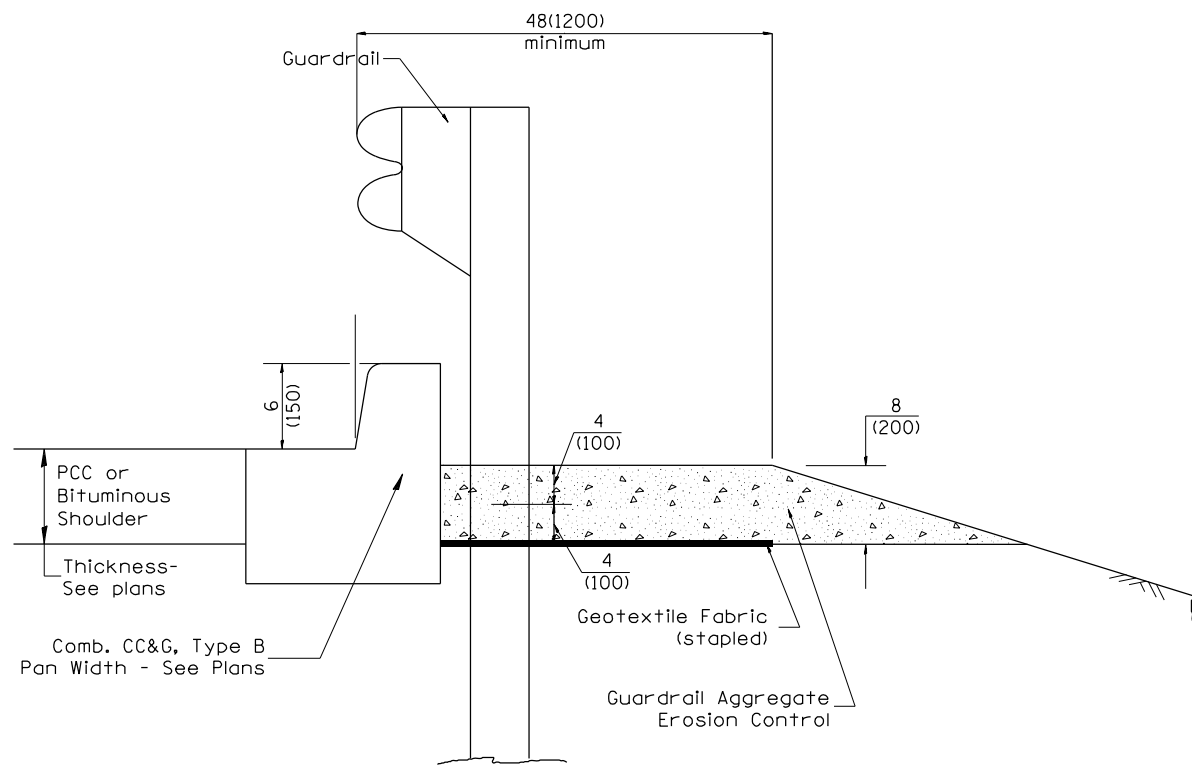
**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



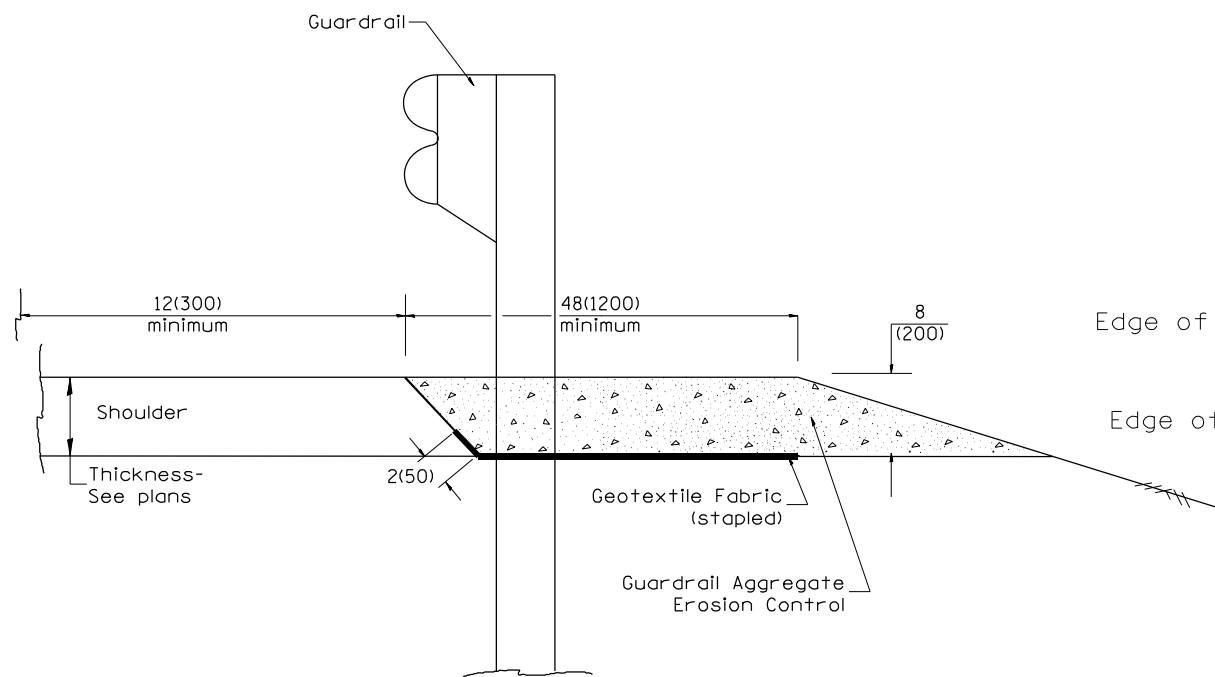
All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68F89	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
74	37-24; 48-24, 25, 26-1) RS-4	HENRY/KNOX	74	68					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

CONSIDER USING A "B" CURB PAY ITEM AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE EQUAL TO OR GREATER THAN 1% AND AT INLETS. (INCLUDE DISTRICT SPECIAL PROVISION
 USE "GUARDRAIL AGGREGATE EROSION CONTROL" AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE LESS THAN 1% (INCLUDE DISTRICT SPECIAL PROVISION).
 INCLUDE THE FOLLOWING DISTRICT CADD STANDARDS AS NEEDED: SLOPE DRAINS FOR EXPOSED PIPES; SLOPE DRAINS FOR BURIED PIPES; SEE PAGE COLLARS FOR BURIED PIPES
 SEE PAGE COLLARS FOR EXPOSED PIPES; CONCRETE THRUST BLOCKS AND PIPE ELBOW.
 INCLUDE DISTRICT SPECIAL PROVISION - "AGGREGATE QUALITY" FOR PROJECTS LOCATED IN THE WESTERN AREA OF THE DISTRICT - APPROX. DIVIDING LINE IS IL 97.
 DELETE DESIGNER NOTES WHEN INSERTING INTO PLAN FILES.
 OPERATIONS PREFERS USE OF PIPE OUTLETTING ONTO FORESLOPE WITH RIPRAP. USE NON-METALLIC PIPE WHEN POSSIBLE BECAUSE OF FUTURE CORROSION ISSUES.
 IF NO OTHER SEEDING IS PAID FOR ON THE CONTRACT, USE DISTRICT SPECIAL PROVISION FOR SEEDING, MINOR AREAS



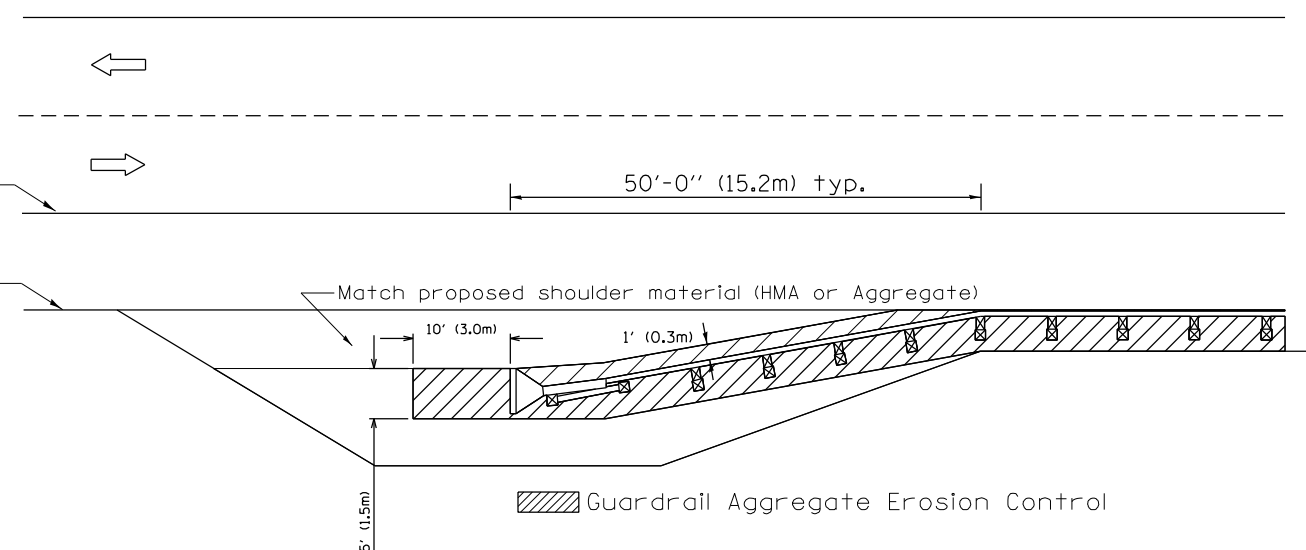
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

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.



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

DESIGNER NOTES:

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.			

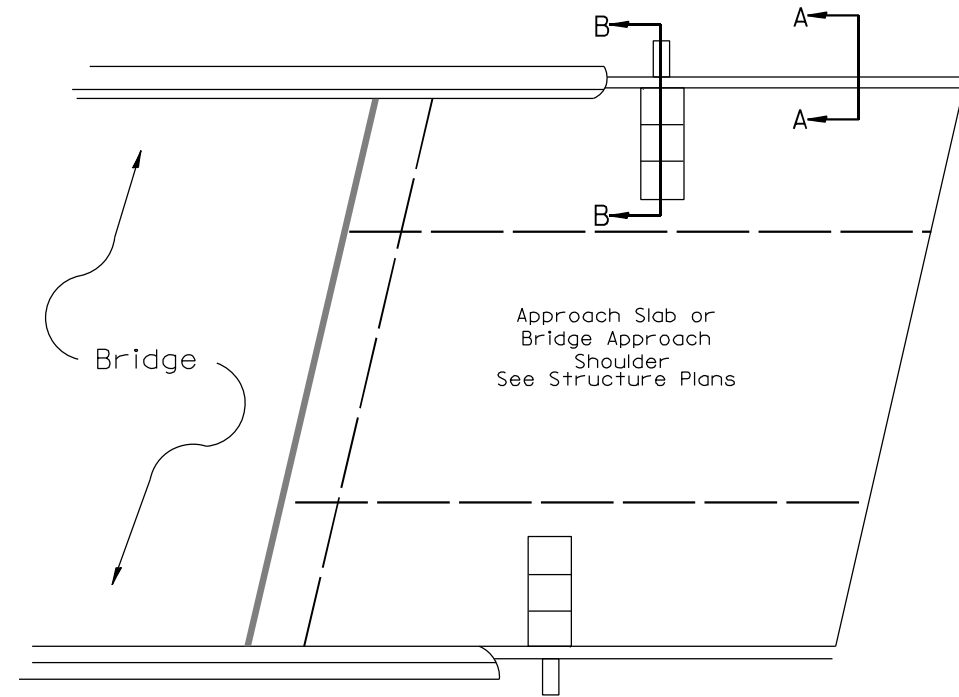
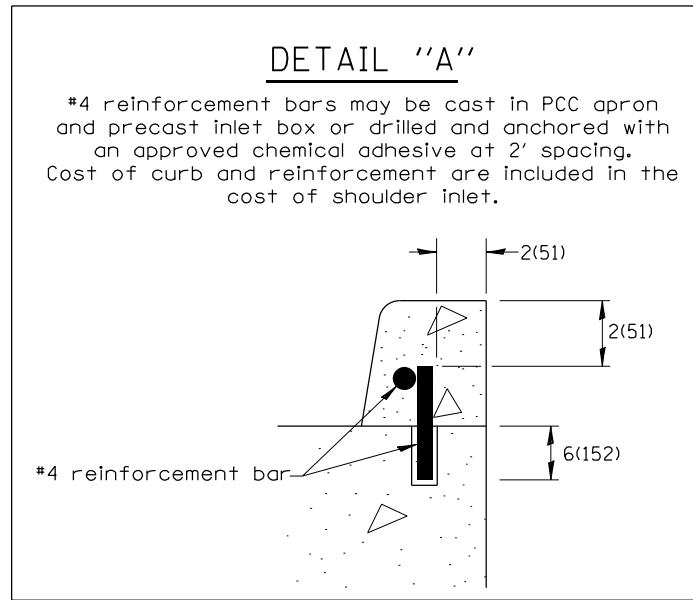
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

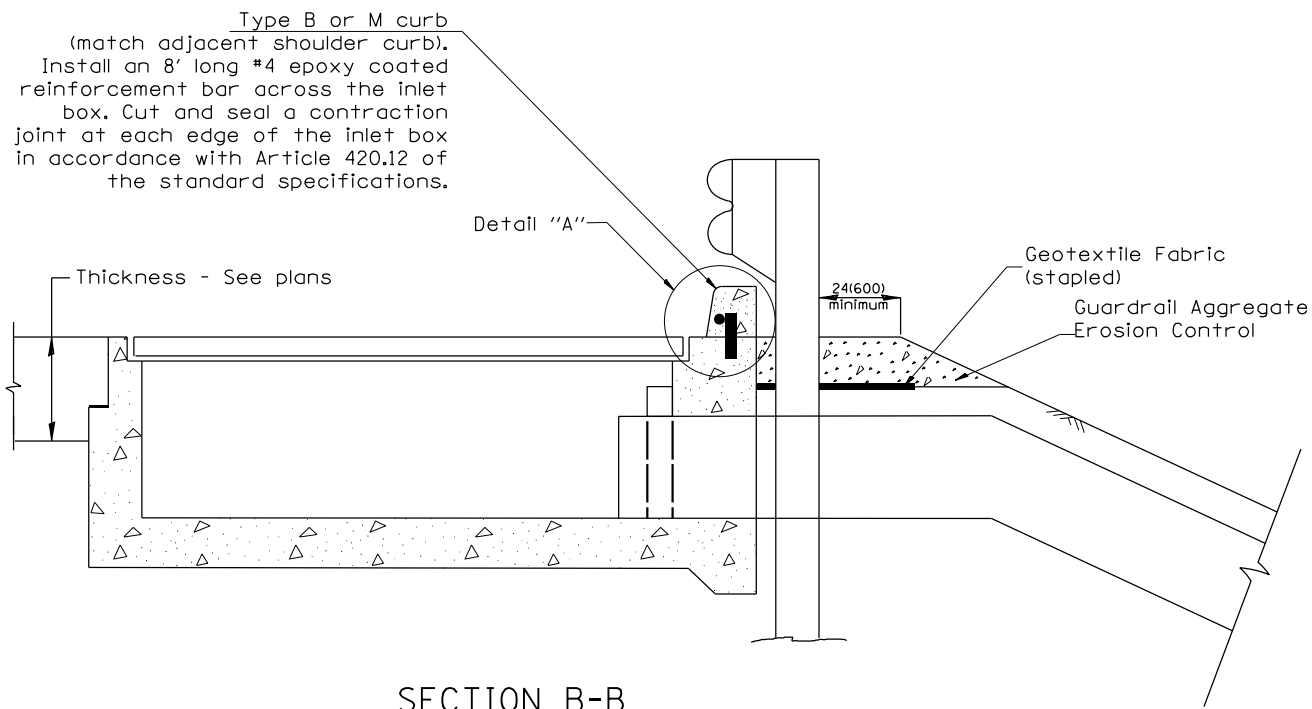
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SHT. 1 OF 2
CADD STD. 630101-D4

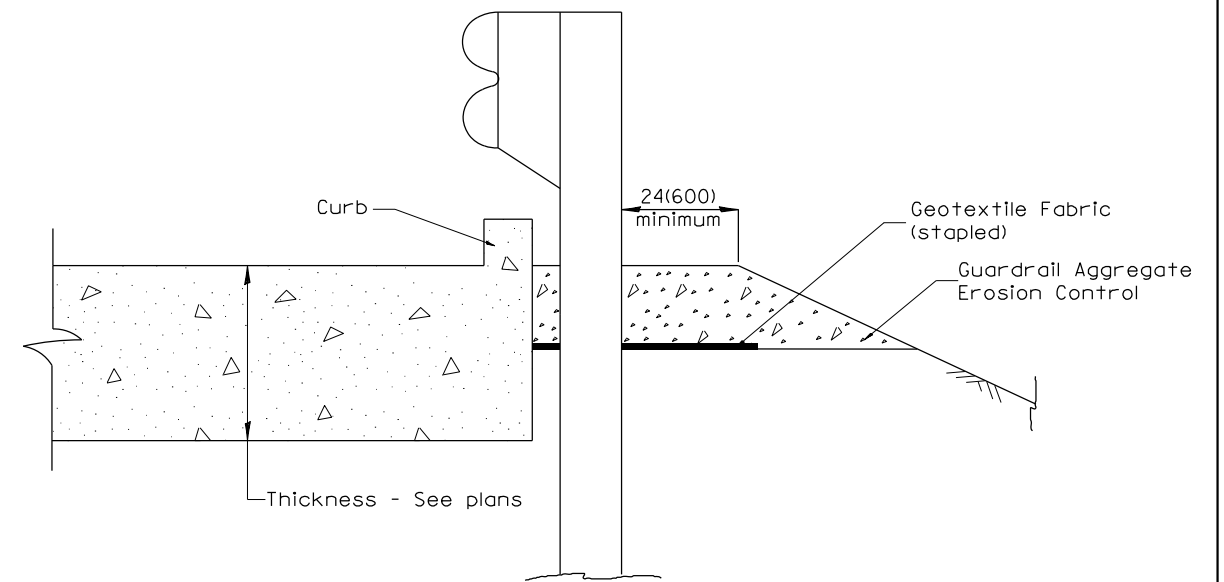
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24; 48-24, 25, 26-1) RS-4	HENRY/KNOX	74	70
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68F89	



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



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

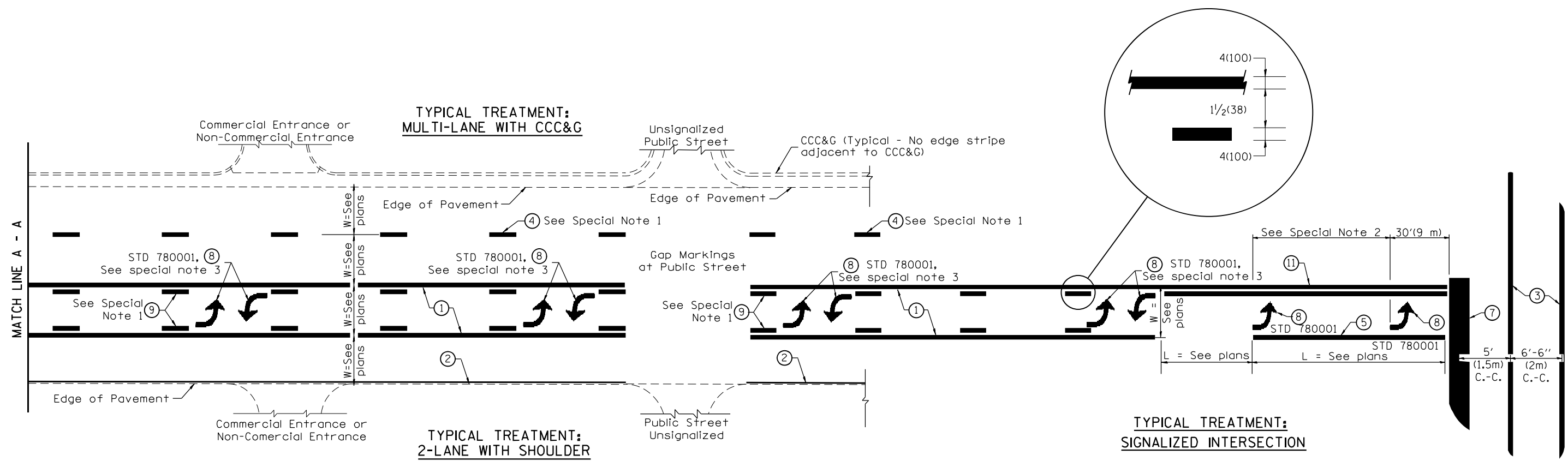


SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL EROSION CONTROL TREATMENTS				TOTAL SHEETS	SHEET NO.
				NOT TO SCALE				74	71
				SHT. 2 OF 2 CADD STD. 630101-D4				CONTRACT NO. 68F89	
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



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

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- 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.
- 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

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- 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.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-24; 48-24, 25, 26-1)RS-4	HENRY/KNOX	74	73
CONTRACT NO. 68F 89				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

