

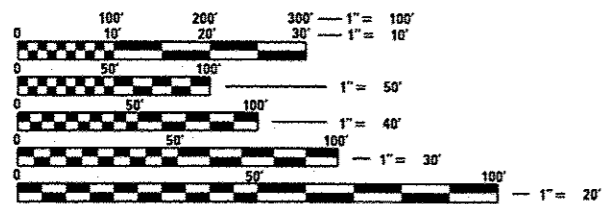
1. COVER SHEET
2. COMMITMENTS, GENERAL & JOB SPECIFIC NOTES
3. STATUS OF UTILITIES & HMA MIXTURE REQUIREMENTS
- 4-12. SUMMARY OF QUANTITIES
- 13-27. SCHEDULE OF QUANTITIES
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- 75-79. GUARDRAIL & MEDIAN PIER PROTECTION DETAILS
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HIGHWAY STANDARDS

000001-06	542401-02	701101-05	701451-04
001001-02	604106-01	701106-02	701456-04
001006	606001-06	701400-09	701901-06
280001-07	630001-11	701401-10	780001-05
420001-08	630301-07	701406-11	781001-04
420701-03	631011-10	701411-09	
442101-07	631031-15	701426-09	
482006-03	642001-02	701428-01	
542311-06	643001-02	701446-08	

I-74 DESIGN DESIGNATION

INTERSTATE
 CLASS I TRUCK ROUTE
 ADT = 14,100 (2015)
 MU = 25.2%
 SU = 4.0%



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: RON NOLTE (309-671-3470)
 CATALOG NO. 033103-00P
 CONTRACT NO. 68507

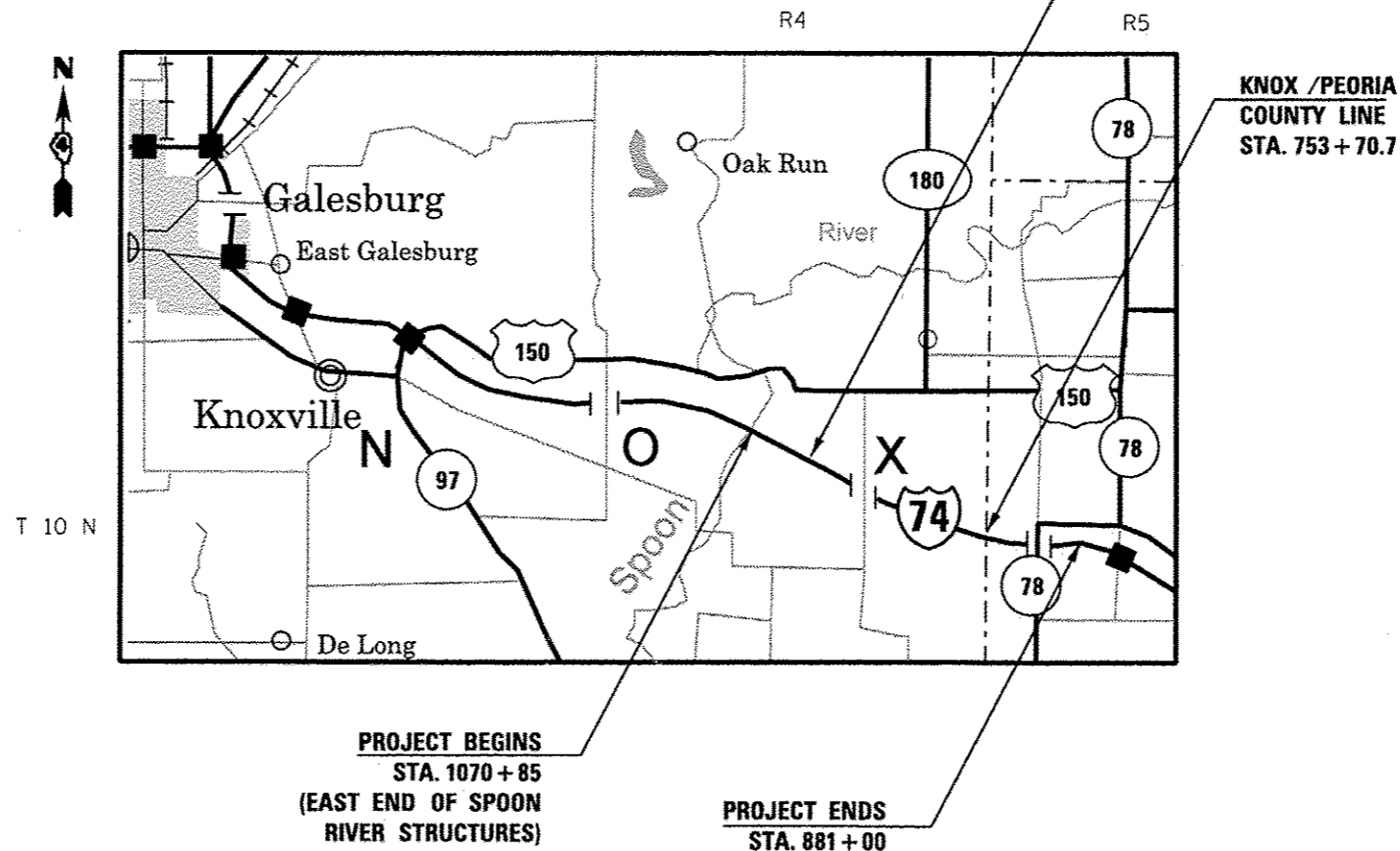
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

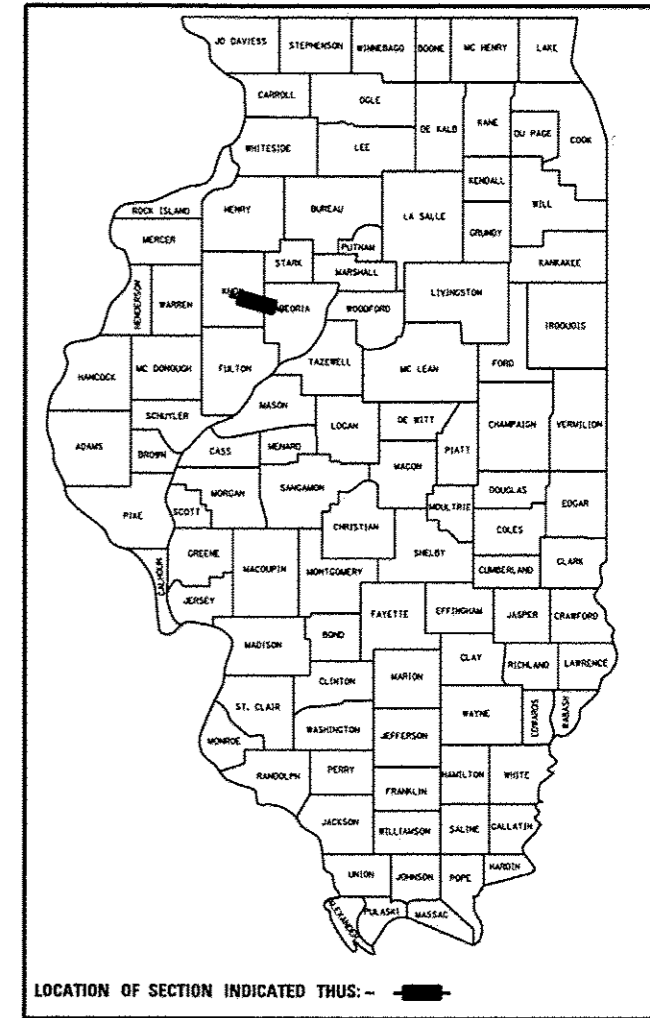
FAI ROUTE 74 (INTERSTATE 74)
 SECTION 48-[29RS-7,30RS-1];72-3RS-2
 PROJECT ACNHPP-0074(320)
 3R IMPROVEMENT
 KNOX & PEORIA COUNTIES
 C-94-115-05



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	1
		ILLINOIS	CONTRACT NO. 68507	

• 48-[29RS-7,30RS-1];72-3RS-2

D-94-088-05



DESCRIPTION OF WORK

ROADWAY IMPROVEMENTS INCLUDE CLASS B PATCHING, MILLING AND RESURFACING, SHOULDER REPLACEMENT AT THE REST AREAS AND EMERGENCY CROSS OVERS, GUARDRAIL AND SAND MODULE ATTENUATOR REPLACEMENT, CULVERT AND OTHER DRAINAGE IMPROVEMENTS, PAVEMENT MARKINGS, AGGREGATE SHOULDERS AND OTHER RELATED COLLATERAL WORK.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED October 20, 2016
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 9, 2016
[Signature] PE, E
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9, 2016
[Signature] PE, E
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

GROSS LENGTH = 46,453.67 FT. = 8.80 MILE
 NET LENGTH = 46,453.67 FT. = 8.80 MILE

107.00 COMMITMENTS

404 PERMIT

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

107.29 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.
- * Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- * Temporary or permanent pavement marking shall be placed as applicable.

108.02 CRITICAL PATH WORK SCHEDULE REQUIREMENT

The Contractor will submit to the Engineer a satisfactory progress schedule and critical path schedule which shall show the proposed sequence of work at the time of the pre-construction conference.

201.04 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.

204.00 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.

406.03 PAVEMENT STATIONING NUMBERS & PLACEMENT

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

The pavement station numbers shall be installed as specified herein:

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

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

Location:

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

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

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

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

406.15A 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.

406.18 BUTT JOINT CUTTING TIME RESTRICTION

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

406.19 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.

440.02 SAW CUT – 18” (450 mm) SHOULDER REMOVAL – IN-PLACE WHEEL SAW GRINDING PERMITTED

A full-depth saw cut shall be required at the joint between the pavement that is to be left in place and the existing shoulder that is to be removed. The Contractor may have the option of using a wheel saw to grind up the existing shoulder and leave the finely ground pieces on site under the new shoulder and on the fore slope, with the approval of the Engineer. Maximum size of pieces shall be no more than 3” (75 mm). Larger pieces shall be picked up/removed from the job site. No additional compensation will be allowed for variations in assumed thickness. This work shall not be paid for separately, but shall be included in the cost of the removal items.

503.00 CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures SN 048-0054, SN 048-0055 may be crossed with Unloaded MTD. Any structures not listed above shall be verified by the resident prior to beginning work.

670.00 ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e): All of the telephone lines provided shall have unpublished numbers.

JOB SPECIFIC NOTES

- ① AREAS OF TREE REMOVAL, AS SPECIFIED IN THE PLANS PER ACRE, SHALL BE CLEARED ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ② AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE REINFORCEMENT BARS FROM BROKEN CONCRETE PREVIOUSLY DUMPED AT VARIOUS LOCATIONS WHERE PROPOSED IMPROVEMENTS ARE SPECIFIED. THE ENGINEER SHALL DETERMINE IF THE BROKEN CONCRETE CAN THEN REMAIN IN PLACE TO BE USED AS RIPRAP OR BE HAULED OFF THE JOBSITE. THIS WORK SHALL BE PAID FOR AS PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ③ TREES LOCATED IN CLOSE PROXIMITY TO CULVERT HEADWALLS, WINGWALLS, ETC., SHALL BE REMOVED AT GROUND LEVEL AND THE STUMPS LEFT IN PLACE TO MINIMIZE DISTURBANCE TO THE EXISTING DRAINAGE STRUCTURES.

• 48-C29RS-7,30RS-1;72-3RS-2

FILE NAME = D468507-sht-gennote & standards.dgn	USER NAME = keithbr	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, GENERAL & JOB SPECIFIC NOTES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	74	2
	PLOT DATE = 10/31/2016	DATE -	REVISED -						KNOX/PEORIA		CONTRACT NO. 68507		

ILLINOIS FED. AID PROJECT

MIX REQUIREMENTS

Mixture Use(s):	Mainline Polymer Surface SMA 2"	Mainline Polymer Level Binder 1"	Mainline Partial Depth Repair (2 lifts-1f needed)	HMA Shoulders (lower lift)	HMA Shoulder Replacement on Ramps (lower lifts)	HMA Shoulders (surface lift)	Incidental Surface
AC/PG:	SBS or SBR 76-22	SBS or SBR 76-22	SBS or SBR 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=80	4.0% @ N=50	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 12.5	IL 4.75	IL 9.5	IL 9.5	IL 19.0	IL 9.5FG	IL 9.5
Friction Aggregate:	Mix E	N.A.	Mix D	N.A.	N.A.	Mix C	Mix C
Quality Management Program:	PFP	PFP	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/sy./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.

STATUS OF UTILITIES

STATUS OF UTILITIES					
COMPANY	TYPE OF BURIED UTILITY	TRANSVERSE CROSSINGS- APPROX. LOCATIONS	MIN. DEPTH	TYPE OF CONFLICT	DISPOSITION
		STATION	FEET		
MIDCENTURY	TELEPHONE- COPPER CABLE	1071+00	20"	GUARDRAIL	CAUTION
MIDCENTURY	TELEPHONE- COPPER CABLE	525+00	38"	SHOULDER WORK	CAUTION
MIDCENTURY	TELEPHONE- FIBER & COPPER CABLE	580+40	72"	GUARDRAIL	CAUTION
MIDCENTURY	TELEPHONE- COPPER CABLE	636+70	30"		CAUTION
MIDCENTURY	TELEPHONE- FIBER	697+40	76"	GUARDRAIL	CAUTION
FRONTIER	TELEPHONE- FIBER	753+00			CAUTION
FRONTIER	TELEPHONE- FIBER	808+00		GUARDRAIL	CAUTION
AMEREN	ELECTRIC	1070+00		CULVERT	CAUTION
AMEREN	ELECTRIC	1098+50		GUARDRAIL	CAUTION

• 48-C29RS-7,30RS-11;72-3RS-2

FILE NAME = D468507-sht-gennote & standards.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATUS OF UTILITIES & HMA MIXTURE REQUIREMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			74	•	KNOX/PEORIA	124	3	
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -			CONTRACT NO. 68507					
		DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
10% STATE	10% STATE	RURAL	RURAL				
RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	276	177	99		
20100500	TREE REMOVAL, ACRES	ACRE	2	2			
20200500	EARTH EXCAVATION (WIDENING)	CU YD	202	202			
20300100	CHANNEL EXCAVATION	CU YD	140	140			
20400800	FURNISHED EXCAVATION	CU YD	80	75	5		
21400100	GRADING AND SHAPING DITCHES	FOOT	2140	2140			
25000210	SEEDING, CLASS 2A	ACRE	2.5	2.5			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	204	204			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	204	204			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	204	204			
25000750	MOWING	ACRE	119.5			88.75	30.75
25100630	EROSION CONTROL BLANKET	SQ YD	10955	10955			
28000305	TEMPORARY DITCH CHECKS	FOOT	168	168			
28000400	PERIMETER EROSION BARRIER	FOOT	1443	1443			

14

FILE NAME = 0468587-sht-500.dgn

USER NAME = keshbr	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1" = 1"	CHECKED -	REVISED -
PLOT DATE = 10/31/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

48-129RS-7,30RS-1372-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	4
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
				10% STATE	10% STATE	RURAL	RURAL
RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY				
28000500	INLET AND PIPE PROTECTION	EACH	2	2			
28100227	STONE RIPRAP, CLASS B4	TON	1116	1116			
28200200	FILTER FABRIC	SQ YD	1401	1401			
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	217	217			
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	128	128			
35501324	HOT - MIX ASPHALT BASE COURSE, 10"	SQ YD	1905	1905			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	490457	361123	129334		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	18039	13285	4754		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4990	4190	800		
40600990	TEMPORARY RAMP	SQ YD	367	309	58		
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8441	8441			
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	340	340			
42000060	WELDED WIRE REINFORCEMENT	SQ YD	685	543	142		
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	360487	266333	94154		

14

* 48-(29RS-7,30RS-1)72-3RS-2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
10% STATE	10% STATE	RURAL	RURAL				
RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY				
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	575	575			
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	60633	43897	16736		
44000159	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	567	567			
44000161	HOT - MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	102	102			
44000162	HOT - MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	590		590		
44000164	HOT - MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	100	100			
44000168	HOT - MIX ASPHALT SURFACE REMOVAL, 4 3/4"	SQ YD	104		104		
44004000	PAVED DITCH REMOVAL	FOOT	30	30			
44004250	PAVED SHOULDER REMOVAL	SQ YD	3212	3212			
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	24	24			
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	1000	673	327		
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	235	185	50		
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	425	334	91		
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	36	36			

14

FILE NAME =
D468507-shr-500.dgn

USER NAME = keithbr

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PLOT SCALE = 100.0000' / in.

CHECKED -

REVISED -

PLOT DATE = 10/31/2016

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

* 48-(29RS-7,30RS-1),72-3RS-2

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	6
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL 10% STATE RURAL-KNOX	90% FEDERAL 10% STATE RURAL-PEORIA	100% STATE RURAL KNOX COUNTY	100% STATE RURAL PEORIA COUNTY
44201299	DOWEL BARS 1 1/2"	EACH	2649	1819	830		
44213200	SAW CUTS	FOOT	7501	5271	2230		
44213204	TIE BARS 3/4"	EACH	226	178	48		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4558	3296	1262		
48203003	HOT - MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	61206	44232	16974		
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SQ YD	1847	1847			
48203100	HOT - MIX ASPHALT SHOULDERS	TON	25709	18733	6976		
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1			
50105220	PIPE CULVERT REMOVAL	FOOT	104	104			
50300225	CONCRETE STRUCTURES	CU YD	0.9	0.9			
50800105	REINFORCEMENT BARS	POUND	320	320			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	150	150			
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1	1			
54215547	METAL END SECTIONS 12"	EACH	1	1			

14

FILE NAME :
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USER NAME : keithb

DESIGNED -

REVISED -

PLOT SCALE : 100.0000 / 1 in.

DRAWN -

REVISED -

PLOT DATE : 10/31/2016

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

48-129RS-7.3ORS-1172-3RS-2

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	7
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
				10% STATE	10% STATE	RURAL	RURAL
				RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY
54248510	CONCRETE COLLAR	CU YD	4	3.5	0.5		
54390180	INSERTION CULVERT LINER 24"	FOOT	17	17			
60246805	MEDIAN INLET (604106)	EACH	1	1			
60600605	CONCRETE CURB, TYPE B	FOOT	150	120	30		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	3355	2598	757		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	8	6	2		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	17	13	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	9	2		
63200310	GUARDRAIL REMOVAL	FOOT	3364	2697	667		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	183667	132749	50918		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	5.84	2.16		
67100100	MOBILIZATION	L SUM	1	0.73	0.27		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	14	6		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	6	6		

* SPECIALTY ITEM

FILE NAME =
D468587-wh-500.dgn

USER NAME = hrajshbr
DESIGNED -
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PLOT SCALE = 100.0000 / 1"
PLOT DATE = 10/31/2016

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
74 * KNOX/PEORIA 124 8
CONTRACT NO. 68507
ILLINOIS FED. AID PROJECT

48-C29RS-7.30RS-1172-3RS-2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL 10% STATE RURAL-KNOX	90% FEDERAL 10% STATE RURAL-PEORIA	100% STATE RURAL KNOX COUNTY	100% STATE RURAL PEORIA COUNTY
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	32633	26213	6420		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	10867	8729	2138		
* 72000300	SIGN PANEL - TYPE 3	SQ FT	85	85			
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	156	156			
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	11	9	2		
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	476	476			
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	60	60			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1416	1096	320		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	65	51	14		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1325	1005	320		
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	2	2			
X0325893	CLEAN EXISTING END SECTION	EACH	4	3	1		
X0326664	CURED-IN-PLACE PIPE LINER, 36"	FOOT	430	330	100		
X1200090	TRAVERSABLE PIPE GRATE, SPECIAL	EACH	14	7	7		

* SPECIALTY ITEM

FILE NAME :
D468587-shr-S00.dgn

USER NAME : kstibbr

DESIGNED -

REVISED -

PLOT SCALE : 100.0000' / 1" = 100'

DRAWN -

REVISED -

PLOT DATE : 10/31/2016

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

* 48-(29RS-7,30RS-1);72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	9
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
				10% STATE	10% STATE	RURAL	RURAL
RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY				
X2600002	RECOVERABLE DELINEATOR	EACH	50	36	14		
X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	107	107			
X2810228	STONE RIPRAP, CLASS B4 (SPECIAL)	TON	38	38			
X2810812	STONE DUMPED RIPRAP, CLASS B4 (SPECIAL)	TON	1013	1013			
X2810814	STONE DUMPED RIPRAP, CLASS B5 (SPECIAL)	TON	272	272			
X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	29913	22149	7764		
X4400196	HOT - MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	16594	12350	4244		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1780	890	890		
X5010523	REMOVE CONCRETE END SECTION	EACH	1	1			
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	616	528	88		
X5420672	PIPE CULVERTS TO BE CLEANED 72"	FOOT	638	638			
X6050500	REMOVE FRAME AND GRATES, SPECIAL	EACH	1	1			
X6431220	REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	6	4	2		
X6650206	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED	FOOT	50	50			

14

FILE NAME : D:\68507-ehc-500.dgn

USER NAME : kev thbr
 PLOT SCALE : 100.0000' / in.
 PLOT DATE : 10/31/2016

DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

48-(2)RS-7.30RS-1372-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	10
			CONTRACT NO. 68507	
[ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0005	0005	0005	0005
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				90% FEDERAL	90% FEDERAL	100% STATE	100% STATE
		RURAL	RURAL				
		RURAL-KNOX	RURAL-PEORIA	KNOX COUNTY	PEORIA COUNTY		
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.73	0.27		
X7010410	SPEED DISPLAY TRAILER	CAL MO	12	6	6		
* X7360300	REMOVE OVERHEAD SIGN STRUCTURE - WALKWAY	FOOT	34	34			
* X7801004	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	192164	141246	50918		
* X7801006	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	23228	16863	6365		
* X7801008	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	9687	9687			
* X7801012	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	329	329			
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	192639	141721	50918		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	23288	16923	6365		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	9687	9687			
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	329	329			
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	0.73	0.27		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	734	572	162		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.73	0.27		

14

* SPECIALTY ITEM

FILE NAME =
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USER NAME = hwhbr

DESIGNED -

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PLOT SCALE = 1/8" = 1' / 1"

DRAWN -

REVISED -

PLOT DATE = 10/31/2016

CHECKED -

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

* 48-(29RS-7,30RS-1);72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	KNOX/PEORIA	124	11
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

JOBSITE ITEMS				
ITEM	UNIT	QTY.		
		KNOX CO.	PEORIA CO.	TOTAL
		73% of Job	27% of Job	
ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5.84	2.16	8
MOBILIZATION	LSUM	0.73	0.27	1
TRAFFIC CONTROL SURVEILLANCE	CAL DA	14.00	6.00	20
CHANGEABLE MESSAGE SIGN (2 EA. @ 6 MO)	CAL MO	6.00	6.00	12
SPEED DISPLAY TRAILER	CAL MO	6.00	6.00	12
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	0.73	0.27	1
CONSTRUCTION LAYOUT	LSUM	0.73	0.27	1
CONSTRUCTION STATION LAYOUT	LSUM	0.73	0.27	1
RECOVERABLE DELINEATORS	EACH	36.00	14.00	50
REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	4.00	2.00	6

MOWING				
LOCATION	LENGTH	AVG. WIDTH	AREA	
	FT.	FT.	SQ. FT.	ACRE
KNOX CO.				
WESTBOUND REST AREA			175,500.0	4.0
EASTBOUND REST AREA			330,000.0	7.6
JOBSITE MEDIAN	33,474.4	55.0	1,841,090.4	42.3
WB OUTSIDE SLOPE	30,385.7	25.0	759,642.5	17.4
EB OUTSIDE SLOPE	30,385.7	25.0	759,642.5	17.4
PEORIA CO.				
JOBSITE MEDIAN	12,729.3	55.0	700,111.5	16.1
WB OUTSIDE SLOPE	12,729.3	25.0	318,232.5	7.3
EB OUTSIDE SLOPE	12,729.3	25.0	318,232.5	7.3
<i>SUB-TOTAL</i>			KNOX CO.	88.75
			PEORIA CO.	30.75
PROJECT TOTAL				119.50

REST AREA TABLE										
LOCATION	CLASS B PATCH, TYPE III, 8 INCH	SAW CUTS	DOWEL BARS, 1 1/2"	WELDED WIRE REINFORCEMENT	CLASS B PATCH - EXPANSION JOINT	LONGITUDINAL JOINT REPAIR	EARTH EX. WIDENING	SUBBASE GRANULAR MATERIAL, TYPE A	PCC BASE COURSE, 8"	REINFORCEMENT BARS
WESTBOUND REST AREA										
EASTBOUND REST AREA										
<i>REST AREA SUB-TOTAL</i>	<i>KNOX CO.</i>	<i>24</i>	<i>120</i>	<i>60</i>	<i>24</i>	<i>36</i>	<i>586</i>	<i>45</i>	<i>26</i>	<i>128</i>
<i>SHOULDER TABLE 3 OF 3 SUB-TOTAL</i>	<i>KNOX CO.</i>							<i>157</i>	<i>191</i>	
PROJECT TOTAL	KNOX CO.	24	Δ	Δ	Δ	36	586	202	217	128

Δ TOTALS INCLUDED IN PATCHING TABLE
• TOTAL INCLUDED IN DRAINAGE TABLE

REST AREA SIGNS				
LOCATION	REMOVE SIGN PANEL - TYPE 3	REMOVE OVERHEAD SIGN STRUCTURE-WALKWAY	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	SIGN PANEL-TYPE 3
	SQ. FT.	FOOT	EACH	SQ. FT.
WB STA.	78	17	1	42.5
EB STA.	78	17	1	42.5
PROJECT TOTAL	156	34	2	85

PATCHING TABLE													
APPROX. LOCATION RANGE	CLASS B PATCHES 16 INCH								SAW CUTS FT.	DOWEL BARS, 1 1/2"	TIE BARS, 3/4"	WELDED WIRE REINFORCEMENT SQ. YD.	
	TYPE II		TYPE III		TYPE IV		EASTBOUND SQ. YD.	WESTBOUND SQ. YD.					
	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.	EASTBOUND SQ. YD.	WESTBOUND SQ. YD.							
KNOX CO.													
RAMP A			24.89						132.00	56.00		24.9	
RAMP B									56.00	28.00			
RAMP C			10.67						60.00	28.00			
Spoon River	TO	MM 62	0.00	58.67	0.00	0.00	53.33	0.00	420.00	140.00	20.00	53.3	
MM 62	TO	MM 65*	229.33	45.33	116.00	0.00	44.00	60.00	2074.00	740.00	39.00	220.0	
MM 65	TO	MM 66	88.00	16.00	16.00	0.00	0.00	26.67	652.00	240.00	10.00	42.7	
MM 66	TO	MM 68	80.00	74.67	0.00	0.00	0.00	133.33	1298.00	360.00	100.00	133.3	
MM 68	TO	COUNTY LINE	0.00	24.00	18.67	0.00	0.00	0.00	208.00	80.00	0.00	18.7	
PEORIA CO.													
COUNTY LINE	TO	IL 78	114.67	58.67	32.00	0.00	0.00	0.00	1064.00	420.00	0.00	32.0	
		**WB. STA. 820+00		14.67					78.00	50.00	0.00	0.0	
IL 78	TO	END JOB LIMITS	85.33	37.33	16.00	0.00	33.33	53.33	982.00	320.00	45.00	102.7	
PATCHING TABLE SUB-TOTAL			KNOX CO.	411.6	229.3	175.6	0.0	97.3	220.0	4900.0	1672.0	169.0	492.9
REST AREA TABLE SUB-TOTAL			PEORIA CO.	200.0	110.7	48.0	0.0	33.3	53.3	2124.0	790.0	45.0	134.7
			KNOX CO.						120.0	60.0		24.0	
TOTAL BY COUNTY			KNOX CO. SUB-TOTAL	641		176		318		5020	1732	169	517
			5% WINTER BREAK UP	32		9		16		251	87	9	26
			KNOX CO. TOTAL	673		185		334		5271	1819	178	543
			PEORIA CO. SUB-TOTAL	311		48		87		2124	790	45	135
			5% WINTER BREAK UP	16		2		4		106	40	3	7
			PEORIA CO. TOTAL	327		50		91		2230	830	48	142
PROJECT TOTAL				1000		235		425		7501	2649	226	685

* QUANTITY INCLUDES 2- 6x12 PATCHES UNDER IL 18, EASTBOUND LANES
 ** REFER TO COLLAR DETAIL FOR ADDITIONAL WORK AT THIS LOCATION

FOR INFORMATION ONLY																			
APPROX. LOCATION RANGE	CLASS B PATCH SIZES AND QTY																		
	TYPE II				TYPE III				TYPE IV										
	EASTBOUND		WESTBOUND		EASTBOUND		WESTBOUND		EASTBOUND			WESTBOUND							
	PATCH SIZE (LxW) & QTY		PATCH SIZE (LxW) & QTY		PATCH SIZE (LxW) & QTY		PATCH SIZE (LxW) & QTY		PATCH SIZE (LxW) & QTY			PATCH SIZE (LxW) & QTY							
4x16	6x12	8x12	10x12	6x12	6x16	8x12	10x12	12x12	14x12	15x12	14x16	20x12	33x12	50x6	20x12	25x12	200x6		
KNOX CO.																			
RAMP A	1										1								
RAMP B	1																		
RAMP C					1														
Spoon River	to	MM 62					3	2					2						
MM 62	to	MM 65	9	6	7	3			6		1			1		1			
MM 65	to	MM 66	2	3	3	2			1						1				
MM 66	to	MM 68	10			4												1	
MM 68	to	COUNTY LINE				3					1								
PEORIA CO.																			
COUNTY LINE	to	IL 78	9	4		2		4	2										
IL 78	to	End Job Limits	4	5		2		2	1					1	2				
SUB-TOTAL		Knox Co.	2	21	9	10	12	1	9	2	7	1	1	1	2	1	0	2	1
		Peoria Co.	0	13	9	0	4	0	6	0	3	0	0	0	0	1	2	0	0
PROJECT TOTAL			2	34	18	10	16	1	15	2	10	1	1	1	2	1	1	4	1

FILE NAME = D468507-sht-schedule.dgn
 USER NAME = keithbr
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 10/31/2016

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

74 • KNOX/PEORIA 124 14
 CONTRACT NO. 68507

ILLINOIS FED. AID PROJECT

GUARDRAIL ITEMS													
LOCATION				GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER-DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL	CONCRETE CURB, TYPE B	
				FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	TON	FOOT	
WESTBOUND													
<i>KNOX CO.</i>													
LT. STA.	1116+25.60	TO	STA.	465+23.80									
LT. STA.	578+83.30	TO	STA.	579+57.95									
LT. STA.	579+68.70	TO	STA.	583+47.20	440.0	246.9							
LT. STA.	682+45.80	TO	STA.	683+47.80		37.5	1.0						
LT. STA.	684+78.20	TO	STA.	690+06.76	328.0	396.9							
RT. STA.	684+67.74	TO	STA.	688+96.30	163.0	296.9							
LT. STA.	696+48.80	TO	STA.	697+10.95			1.0						
LT. STA.	697+20.10	TO	STA.	701+11.10	414.0	259.4							
<i>PEORIA CO.</i>													
LT. STA.	806+08.40	TO	STA.	807+95.77		125.0	1.0						
LT. STA.	808+06.50	TO	STA.	811+97.80	278.0	259.4							
EASTBOUND													
<i>KNOX CO.</i>													
RT. STA.	576+22.00	TO	STA.	580+00.60	377.0	246.9							
RT. STA.	580+10.60	TO	STA.	580+72.75			1.0						
LT. STA.	679+06.00	TO	STA.	683+25.13	172.0	284.4							
RT. STA.	678+85.80	TO	STA.	683+14.28	427.0	296.9							
RT. STA.	693+29.00	TO	STA.	697+10.60	376.0	246.9							
RT. STA.	697+20.80	TO	STA.	698+20.60		37.5	1.0						
<i>PEORIA CO.</i>													
RT. STA.	802+92.00	TO	STA.	807+95.65	389.0	371.9							
RT. STA.	808+06.55	TO	STA.	808+68.70			1.0						
SUBTOTAL				<i>KNOX CO.</i>	2697	2598.0	6	13	9	51	9	572	120
				<i>PEORIA CO.</i>	667	757.0	2	4	2	14	2	162	30
TOTAL					3364	3355	8	17	11	65	11	734	150

• 48-[29RS-7,3ORS-1];72-3RS-2

FILE NAME = D468507-sht-schedule.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/31/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	15
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

LOCATION		LOCATION # (SEE PROP. DRAINAGE DETAILS SHEETS)	PAVED DITCH REMOVAL	REMOVE FRAME & GRATE, SPECIAL	REMOVE CONC. END SECTION	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL	PLUG EXISTING CULVERTS	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED
STATION	MILE MARKER		FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT
LT. STA. 1072+00									
LT. STA. 1102+45 (S.N. 048-2001)		1	30						
STRUCTURE NO. 048-2004									
LT. STA. 1110+32	62.500	2							
STA. 465+50	62.700	3		1					
LT. STA. 478+00	62.900	4							
RT. STA. 475+45	62.900	5							
RT. STA.479+40	62.910	6							50
STA. 489+20	63.140	7							
LT. STA. 501+00	63.370	8							
LT. STA. 513+00	63.590								
RT. STA. 576+00 TO 580+00	64.800								
COUNTY HIGHWAY 18 SOUTH BRIDGE CONE- LT. STA. 579+94	64.858	9							
COUNTY HIGHWAY 18 NORTH BRIDGE CONE- LT. STA. 579+94	64.858								
CENTER MEDIAN STA. 576+00 TO STA. 580+00	64.858					4			
LT. STA. 586+00	64.990								
RT. STA. 606+10	65.370								
LT. STA. 660+00	66.400	10				100	1	2	
RT. STA. 664+00 TO 667+30	66.400								
RT. STA. 676+90 TO 683+00	66.780	11							
LT. STA. 681+50 TO 683+00	66.780								
FRENCH CREEK									
CENTER MEDIAN STA. 685+50 TO 688+00	66.810								
RT. STA. 683+40					1				
RT. STA. 692+40 TO 695+50		12							
LT. STA. 696+00									
KNOX RD. 1000N NORTH BRIDGE CONE STA. 697+15	67.083								
KNOX RD. 1000N SOUTH BRIDGE CONE STA. 697+15	67.084								
RT. STA. 698+00									
LT. STA. 707+00	67.280								
RT. STA. 734+00	67.780								
STA. 747+50	68.040								
KNOX COUNTY TOTAL			30	1	1	104	1	2	50
PEORIA/KNOX COUNTY LINE									
SWAB RUN (STA. 765+65)	072-2009								
STA. 767+00	68.400								
CENTER MEDIAN STA. 777+00	68.590	13							
RT. STA. 804+00									
IL 78 SOUTH BRIDGE CONE STATION 808+00	69.200								
STA. 820+00	69.410								
STA. 859+20	70.100								
PEORIA COUNTY TOTAL			0	0	0	0	0	0	0
PROJECT TOTAL			30	1	1	104	1	2	50

• 48-129RS-7,30RS-11;72-3RS-2

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	KNOX/PEORIA	124	16
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

LOCATION		LOCATION # (SEE PROP. DRAINAGE DETAILS SHEETS)	CHANNEL EX.	GRADING & SHAPING DITCHES	FURNISHED EX.	FILTER FABRIC	STONE RIPRAP CLASS A4, SPECIAL	STONE RIPRAP, CLASS B4	STONE RIPRAP, CLASS B4 SPECIAL	STONE DUMPED RIPRAP CLASS B4 SPECIAL	STONE DUMPED RIPRAP CLASS B5 SPECIAL
STATION	MILE MARKER		CU. YD.	FOOT	CU. YD.	SO. YD.	TON	TON	TON	TON	TON
LT. STA. 1072+00											
LT. STA. 1102+45 (S.N. 048-2001)		1	124.4		71.8	155.6	106.3				
STRUCTURE NO. 048-2004											
LT. STA. 1110+32	62,500	2	15.3			41			37.5		
LT. STA. 465+50	62,700	3		20							271.1
LT. STA. 478+00	62,900	4								1012.3	
RT. STA. 475+45	62,900	5				203		184.6			
RT. STA. 479+40	62,910	6				160		145.1			
STA. 489+20	63,140	7				55		49.5			
LT. STA. 501+00	63,370	8		20							
LT. STA. 513+00	63,590				20						
LT. STA. 820+00											
RT. STA. 576+00 TO 580+00	64,800	9		400							
COUNTY HIGHWAY 18 SOUTH BRIDGE CONE- LT. STA. 579+94	64,858										
COUNTY HIGHWAY 18 NORTH BRIDGE CONE- LT. STA. 579+94	64,858										
CENTER MEDIAN STA. 576+00 TO STA. 580+00	64,858				400						
LT. STA. 586+00	64,990										
RT. STA. 606+10	65,370										
LT. STA. 660+00	66,400	10		150		215		195.6			
RT. STA. 664+00	66,400						20		18.2		
RT. STA. 667+30						20		18.2			
RT. STA. 676+90 TO 682+10	66,780	11		520		20		18.2			
LT. STA. 681+50 TO 683+00	66,780										
FRENCH CREEK											
CENTER MEDIAN STA. 685+00 TO 688+00	66,810				300						
RT. STA. 685+40						20		18.2			
RT. STA. 692+40 TO 695+50		12		310		444		379.6			
LT. STA. 696+00							40		82		
KNOX RD. 1000N NORTH BRIDGE CONE STA. 697+15	67,083										
KNOX RD. 1000N SOUTH BRIDGE CONE STA. 697+15	67,084										
RT. STA. 698+20						7		6			
LT. STA. 707+00	67,280										
RT. STA. 734+00	67,780										
STA. 747+50	68,040										
KNOX COUNTY TOTAL			140	2140	75	1401	107	1116	38	1013	272
PEORIA/KNOX COUNTY LINE											
SWAB RUN (STA. 765+65)	072-2009										
STA. 767+00	68,400										
CENTER MEDIAN STA. 777+00	68,590	13			3						
PEORIA COUNTY TOTAL			0	0	5	0	0	0	0	0	0
PROJECT TOTAL			140	2140	80	1401	107	1116	38	1013	272

• 48-129RS-7,3ORS-11;72-3RS-2

FILE NAME = D468507-sht-schedule.dgn
 USER NAME = keithbr
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 10/31/2016

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	17
CONTRACT NO. 68507			ILLINOIS FED. AID PROJECT	

LOCATION		LOCATION # (SEE PROP. DRAINAGE DETAILS SHEETS)	AREA	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	
STATION	MILE MARKER		SO. YD.	UNITS	ACRES	FOOT	FOOT	EACH	ACRES	POUND	POUND	POUND	SO. YD.	
LT. STA. 1072+00				48										
LT. STA. 1102+45 (S.N. 048-2001)		1												
STRUCTURE NO. 048-2004														
LT. STA. 1110+32	62.500	2		9										
STA. 465+50	62.700	3				20.0	24.0							
LT. STA. 478+00	62.900	4	2201.1		0.68	510.0			0.5	40.9	40.9	40.9	2201.1	
RT. STA. 475+45	62.900	5	630.4		0.17	220.0			0.1	11.7	11.7	11.7	630.4	
RT. STA. 479+40	62.910	6	743.2		0.19	240.0			0.2	13.8	13.8	13.8	743.2	
STA. 489+20	63.140	7	858.6		0.18	253.0	12.0		0.2	16.0	16.0	16.0	858.6	
LT. STA. 501+00	63.370	8												
LT. STA. 513+00	63.590													
LT. STA. 820+00														
RT. STA. 576+00 TO 580+00	64.800	9	889.0				24.0		0.2	16.5	16.5	16.5	889.0	
COUNTY HIGHWAY 18 SOUTH BRIDGE CONE- LT. STA. 579+94	64.858													
COUNTY HIGHWAY 18 NORTH BRIDGE CONE- LT. STA. 579+94	64.858													
CENTER MEDIAN STA. 576+00 TO STA. 580+00	64.858			1333.3				24.0	1.0	0.3	24.8	24.8	24.8	1333.3
LT. STA. 586+00	64.990													
RT. STA. 606+10	65.370			33										
LT. STA. 659+25 TO 660+50	66.400	10	555.0	66		50.0	12.0		0.1	10.3	10.3	10.3	555.0	
RT. STA. 664+00	66.400			341.0		0.07	100.0		0.1	6.3	6.3	6.3	341.0	
RT. STA. 667+30	66.400			291.0		0.06	50.0		0.1	5.4	5.4	5.4	291.0	
RT. STA. 676+90 TO 682+10	66.780	11	974.3		0.20		24.0		0.2	18.1	18.1	18.1	974.3	
LT. STA. 681+50 TO 683+00	66.780			419.5		0.10		12.0		0.1	7.8	7.8	7.8	419.5
FRENCH CREEK														
CENTER MEDIAN STA. 685+00 TO 688+00	66.810			1200.0					1.0	0.2	22.3	22.3	22.3	1200.0
RT. STA. 685+40				21			12.0							
RT. STA. 692+40 TO 695+50		12	518.0		0.10		24.0		0.1	9.6	9.6	9.6	518.0	
LT. STA. 696+00						0.06								
KNOX RD. 1000N NORTH BRIDGE CONE STA. 697+15	67.083													
KNOX RD. 1000N SOUTH BRIDGE CONE STA. 697+15	67.084													
KNOX COUNTY TOTAL			10954.4	177	2	1443	168	2	2.5	204	204	204	10955	
PEORIA/KNOX COUNTY LINE														
SWAB RUN (STA. 765+65)	072-2009			36										
STA. 767+00	68.400			6										
CENTER MEDIAN STA. 777+00	68.590	13												
RT. STA. 804+00				57										
PEORIA COUNTY TOTAL			0.0	99	0	0	0	0	0	0	0	0	0	
PROJECT TOTAL			10954.4	276	2	1443	168	2	2.5	204	204	204	10955	

• 48-[29RS-7,30RS-1];72-3RS-2

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	KNOX/PEORIA	124	18
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

LOCATION		LOCATION # (SEE PROP. DRAINAGE DETAILS SHEETS)	MEDIAN INLET (604106)	PIPE CULVERTS TO BE CLEANED, 24"	PIPE CULVERTS TO BE CLEANED, 72"	DRAINAGE STRUCTURES TO BE CLEANED	CLEAN EXISTING END SECTION	CONCRETE COLLAR	REINFORCEMENT BARS	INSERTION CULVERT LINER, 24"	CURED-IN-PLACE PIPE LINER, 36"	TRAVERSABLE PIPE GRATE	CAST-IN-PLACE REINFORCED CONC. END SECTION, 24"	METAL END SECTIONS 12"
STATION	MILE MARKER		EACH	FOOT	FOOT	EACH	EACH	CU. YD.	LBS.	FOOT	FOOT	EACH	EACH	EACH
LT. STA. 1072+00														
LT. STA. 1102+45 (S.N. 048-2001)		1				236								
STRUCTURE NO. 048-2004								2	140					
LT. STA. 1110+32	62.500	2								17				
STA. 465+50	62.700	3	1											
LT. STA. 478+00	62.900	4			390		1							
RT. STA. 475+45	62.900	5												
RT. STA. 479+40	62.910	6												
STA. 489+20	63.140	7												
LT. STA. 501+00	63.370	8		88				0.5						
LT. STA. 513+00	63.590			88				0.5						
LT. STA. 820+00				88				0.5						
RT. STA. 576+00 TO 580+00	64.800	9		88										
COUNTY HIGHWAY 18 SOUTH BRIDGE CONE- LT. STA. 579+94	64.858										65			
COUNTY HIGHWAY 18 NORTH BRIDGE CONE- LT. STA. 579+94	64.858										65			
CENTER MEDIAN STA. 576+00 TO STA. 580+00	64.858													1
LT. STA. 586+00	64.990	10					1							
RT. STA. 606+10	65.370													
LT. STA. 659+25 TO 660+50	66.400													
RT. STA. 664+00 TO 667+30	66.400	11												
RT. STA. 676+90 TO 682+10	66.780													
LT. STA. 681+50 TO 683+00	66.780													
FRENCH CREEK		12												
CENTER MEDIAN STA. 685+50 TO 688+00	66.810												1	
RT. STA. 683+40														
RT. STA. 692+40 TO 695+50		12												
LT. STA. 696+00														
KNOX RD. 1000N NORTH BRIDGE CONE STA. 697+15	67.083										100			
KNOX RD. 1000N SOUTH BRIDGE CONE STA. 697+15	67.084									100				
RT. STA. 698+00														
LT. STA. 707+00	67.280			88										
RT. STA. 734+00	67.780			88										
STA. 747+50	68.040				248									
KNOX COUNTY TOTAL			1	528	638	236	3	3.5	140	17	330	7	1	1
PEORIA/KNOX COUNTY LINE														
IL 78 SOUTH BRIDGE CONE STATION 808+00	69.200										100			
STA. 820+00	69.410			88				0.5						
STA. 859+20	70.100						1							
PEORIA COUNTY TOTAL			0	88	0	0	1	0.5	0	0	100	7	0	0
REST AREA TABLE SUB-TOTAL									180					
PROJECT TOTAL			1	616	638	236	4	4	320	17	430	14	1	1

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

• 48-[29RS-7,30RS-1];72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	KNOX/PEORIA	124	19
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

PAVEMENT TABLE 1 OF 3

LOCATION	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL, BUTT JOINT	TEMPORARY RAMP	HMA SURF. REMOVAL, VAR. DEPTH	HMA SURF. REMOVAL, 3/4"	HMA SURF. REMOVAL, 1 1/2"	HMA SURF. REMOVAL, 2 1/2"	HMA SURF. REMOVAL, 3 1/4"	HMA SURF. REMOVAL, SPECIAL	POLY. LEVELING BINDER COURSE (MACHINE METHOD), IL-4.75, N50	POLY. SMA SURFACE COURSE, MIX "E", IL 12.5, N80	POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE			
				1:480	1:80									RATES USED FOR CALCS. (LB/SQ FT)					
				SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	TON	TON		TON	0.08 Milled Surface	0.04 Fog Coat
				FT.	FT.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	TON		TON	TON	LB.
WESTBOUND																			
KNOX CO.																			
STA. 1070+85.00		TO	1071+75.00	90.0	24.0	240.0	240.0	18.7			15.0	13.4	26.9	0.6	172.8	90.0	40.9		
STA. 1071+75.00		TO	1072+39.50	64.5	24.0	172.0			172.0		10.8	9.6	19.3	0.4	123.8	64.5	29.3		
STA. 1072+39.50		TO	1090+09.30	1769.8	24.0	4719.5			4719.5		295.0	264.3	528.6	11.0	3398.0	1769.8	803.9		
STA. 1090+09.30		TO	1093+07.60	298.3	24.0	795.5			795.5		49.7	44.5	89.1	1.9	572.7	298.3	135.5		
STA. 1093+07.60		TO	1107+40.40	1432.8	24.0	3820.8			3820.8		238.8	214.0	427.9	8.9	2751.0	1432.8	650.8		
STA. 1107+40.40		TO	1114+20.10	679.7	24.0	1812.5			1812.5		113.3	101.5	203.0	4.2	1305.0	679.7	308.7		
STA. 1114+20.10		TO	1115+88.90	168.8	24.0	450.1			450.1		28.1	25.2	50.4	1.1	324.1	168.8	76.7		
STA. 1115+88.90		TO	1119+38.67 (BK)	349.8	24.0	932.7			932.7		58.3	52.2	104.5	2.2	671.6	349.8	158.9		
STA. 465+00.00	(AH)	TO	465+11.30	11.3	24.0	30.1			30.1		1.9	1.7	3.4	0.1	21.7	11.3	5.1		
STA. 465+11.30		TO	524+00.00	5888.7	24.0	15703.2			15703.2		981.4	879.4	1758.8	36.6	11306.3	5888.7	2674.8		
STA. 524+00.00		TO	682+44.20	15844.2	24.0	42251.2			42251.2		2640.7	2366.1	4732.1	98.6	30420.9	15844.2	7196.8		
STA. 682+44.20		TO	683+34.20	90.0	24.0	240.0	240.0	18.7			15.0	13.4	26.9	0.6	172.8	90.0	40.9		
STA. 683+34.20		TO	684+53.20	FRENCH CREEK BRIDGE															
STA. 684+53.20		TO	685+43.20	90.0	24.0	240.0	240.0	18.7			15.0	13.4	26.9	0.6	172.8	90.0	40.9		
STA. 685+43.20		TO	695+70.00	1026.8	24.0	2738.1			2738.1		171.1	153.3	306.7	6.4	1971.5	1026.8	466.4		
STA. 695+70.00		TO	696+40.00	70.0	24.0	186.7			186.70		11.7	10.5	20.9	0.4	134.4	70.0	31.8		
STA. 696+40.00		TO	697+90.00	150.0	24.0	400.0			400.0		25.0	22.4	44.8	0.9	288.0	150.0	68.1		
STA. 697+90.00		TO	698+60.00	70.0	24.0	186.7			186.70		11.7	10.5	20.9	0.4	134.4	70.0	31.8		
STA. 698+60.00		TO	736+10.40	3750.4	24.0	10001.1			10001.1		625.1	560.1	1120.1	23.3	7200.8	3750.4	1703.5		
STA. 736+10.40		TO	753+70.70	1760.3	24.0	4694.1			4694.1		293.4	262.9	525.7	11.0	3379.8	1760.3	799.6		
STAGED CONSTRUCTION BUTT JOINTS (x2)				180	40.0	800.0	800.0	56.0											
PEORIA CO.																			
STA. 753+70.70		TO	765+36.50	1165.8	24.0	3108.8			3108.8		194.3	174.1	348.2	7.3	2238.3	1165.8	529.5		
STA. 765+36.50		TO	806+22.00	4085.5	24.0	10894.7			10894.7		680.9	610.1	1220.2	25.4	7844.2	4085.5	1855.7		
STA. 806+22.00		TO	807+22.00	100.0	24.0	266.7			266.70		16.7	14.9	29.9	0.6	192.0	100.0	45.4		
STA. 807+22.00		TO	808+78.00	156.0	24.0	416.0				416.0	26.0	23.3	46.6	1.0	299.5	156.0	70.9		
STA. 808+78.00		TO	809+78.00	100.0	24.0	266.7			266.70		16.7	14.9	29.9	0.6	192.0	100.0	45.4		
STA. 809+78.00		TO	880+10.00	7032.0	24.0	18752.0			18752.0		1172.0	1050.1	2100.2	43.8	13501.4	7032.0	3194.1		
STA. 880+10.00		TO	881+00.00	90.0	24.0	240.0	240.0	18.7			15.0	13.4	26.9	0.6	172.8	90.0	40.9		
PAVEMENT TABLE 1 OF 3 SUB-TOTAL				KNOX CO.		1,520	113	374	88,121	0	400	0	5,601	5,019	10,037	210	64,523	33,606	15,265
				PEORIA CO.		240	19	534	32,756	0	0	416	2,122	1,901	3,802	80	24,441	12,730	5,782

*SEE UNDER STRUCTURE TREATMENT FOR DETAILS

PAVEMENT TABLE 2 OF 3

LOCATION	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL, BUTT JOINT	TEMPORARY RAMP	HMA SURF. REMOVAL, VAR. DEPTH	HMA SURF. REMOVAL, 3/4"	HMA SURF. REMOVAL, 1 1/2"	HMA SURF. REMOVAL, 2 1/2"	HMA SURF. REMOVAL, 3 1/4"	HMA SURF. REMOVAL, SPECIAL	POLY. LEVELING BINDER COURSE (MACHINE METHOD), IL-4.75, N50	POLY. SMA SURFACE COURSE, MIX "E", IL 12.5, N80		POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE				
				1:480	1:80								1"	2"	Qty. for Joint Trimming	RATES USED FOR CALCS. (LB/SO FT)					
				SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	TON	TON	TON		0.08 Milled Surface	0.04 Fog Coat	TON	
			FT.	FT.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	TON	TON	TON	LB.	LB.	TON				
EASTBOUND																					
KNOX CO.																					
STA.	1070+85.00		TO	1071+75.00		90.0	24.0	240.0	240.0	18.7					15.0	13.4	26.9	0.6	172.8	90.0	40.9
STA.	1071+75.00		TO	1072+39.50		64.5	24.0	172.0						10.8	9.6	19.3	0.4	123.8	64.5	29.3	
STA.	1072+39.50		TO	1090+09.30		1769.8	24.0	4719.5						295.0	264.3	528.6	11.0	3398.0	1769.8	803.9	
STA.	1090+09.30		TO	1093+07.60		298.3	24.0	795.5						49.7	44.5	89.1	1.9	572.8	298.3	135.5	
STA.	1093+07.60		TO	1103+44.00		1036.4	24.0	2763.7						172.7	154.8	309.5	6.4	1989.9	1036.4	470.8	
STA.	1103+44.00		TO	1107+40.40		396.4	24.0	1057.1						66.1	59.2	118.4	2.5	761.1	396.4	180.1	
STA.	1107+40.40		TO	1114+20.10		679.7	24.0	1812.5						113.3	101.5	203.0	4.2	1305.0	679.7	308.7	
STA.	1114+20.10		TO	1119+38.67	(BK)	518.6	24.0	1382.9						86.4	77.4	154.9	3.2	995.7	518.6	235.6	
STA.	465+00.00	(AH)	TO	517+00.00		5200.0	24.0	13866.7						866.7	776.5	1553.1	32.4	9984.0	5200.0	2362.0	
STA.	517+00.00		TO	524+00.00		700.0	24.0	1866.7						116.7	104.5	209.1	4.4	1344.0	700.0	318.0	
STA.	524+00.00		TO	578+78.13		5478.1	24.0	14608.3						913.0	818.1	1636.1	34.1	10518.0	5478.1	2488.3	
STA.	578+78.13		TO	579+08.13	*	30.0	24.0	80.0			80.00			5.0	4.5	9.0	0.2	57.6	30.0	13.6	
STA.	579+08.13		TO	580+60.13	*	152.0	24.0	405.3			405.3			25.3	22.7	45.4	0.9	291.8	152.0	69.0	
STA.	580+60.13		TO	580+90.13	*	30.0	24.0	80.0			80.00			5.0	4.5	9.0	0.2	57.6	30.0	13.6	
STA.	580+90.13		TO	682+44.20		10154.1	24.0	27077.5						1692.3	1516.3	3032.7	63.2	19495.8	10154.1	4612.2	
STA.	682+44.20		TO	683+34.20		90.0	24.0	240.0	240.0	18.7				15.0	13.4	26.9	0.6	172.8	90.0	40.9	
STA.	683+34.20		TO	684+53.20		FRENCH CREEK BRIDGE															
STA.	684+53.20		TO	685+43.20		90.0	24.0	240.0	240.0	18.7				15.0	13.4	26.9	0.6	172.8	90.0	40.9	
STA.	685+43.20		TO	736+10.40		5067.2	24.0	13512.5						844.5	756.7	1513.4	31.5	9729.0	5067.2	2301.6	
STA.	736+10.40		TO	753+70.70		1760.3	24.0	4694.1						293.4	262.9	525.7	11.0	3379.8	1760.3	799.6	
PEORIA CO.																					
STA.	753+70.70		TO	765+36.50		1165.8	24.0	3108.8						194.3	174.1	348.2	7.3	2238.3	1165.8	529.5	
STA.	765+36.50		TO	880+10.00		11473.5	24.0	30596.0						1912.3	1713.4	3426.8	71.4	22029.1	11473.5	5211.5	
STA.	880+10.00		TO	881+00.00		90.0	24.0	240.0	240.0	18.7				15.0	13.4	26.9	0.6	172.8	90.0	40.9	
PAVEMENT TABLE 2 OF 3 SUB-TOTAL						KNOX CO.	720	57	160	88,329	406	0	0	5,601	5,019	10,037	210	64,523	33,606	15,265	
						PEORIA CO.	240	19	0	33,705	0	0	0	2,122	1,901	3,802	80	24,441	12,730	5,782	

*SEE UNDER STRUCTURE TREATMENT FOR DETAILS

FILE NAME = D468507-sht-schedule.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE. 74	SECTION *	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 21		
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.						CONTRACT NO. 68507						
PLOT DATE = 10/31/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT												
Default															

PAVEMENT TABLE 3 OF 3

LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. YD.	HMA SURF. REMOVAL, BUTT JOINT SQ. YD.	TEMPORARY RAMP SQ. YD.	HMA SURF. REMOVAL, VAR. DEPTH SQ. YD.	HMA SURF. REMOVAL, 3/4" SQ. YD.	HMA SURF. REMOVAL, 1 1/2" SQ. YD.	HMA SURF. REMOVAL, 2 1/2" SQ. YD.	HMA SURF. REMOVAL, 3 1/4" SQ. YD.	HMA SURF. REMOVAL, SPECIAL SQ. YD.	INCIDENTAL HMA TON	POLY. LEVELING BINDER COURSE (MACHINE METHOD), IL-4.75, N50		POLY. SMA SURFACE COURSE, MIX "E", IL 12.5, N80		POLY. BIT. MATERIALS (TACK COAT)		MATERIAL TRANSFER DEVICE TON	
													1"	2"	Qty. for Joint Trimming TON	RATES USED FOR CALCS. (LB/SQ FT)				
																0.08 Milled Surface LB.	0.04 Fog Coat LB.			
REST AREA RAMPS																				
KNOX CO.																				
Ramp A	STA. 0+00		TO 0+56											0.70	1.39	0.3	8.96	4.48	2.4	
	STA. 0+56		TO 2+83											14.12	28.25	1.4	181.60	90.80	43.8	
	STA. 2+83		TO 6+42											35.74	71.48		459.52	229.76	107.2	
	STA. 6+42		TO 6+85											4.28	8.56		55.04	27.52	12.8	
	STA. 6+85		TO 6+90											0.50	1.00		6.40	3.20	1.5	
Ramp A Gore Area												85.88		0.00	15.93		102.40	51.20	15.9	
Ramp B	STA. 27+57		TO 28+37											0.00	15.93		102.40	51.20	15.9	
	STA. 28+37		TO 28+42											0.50	1.00		6.40	3.20	1.5	
	STA. 28+42		TO 32+28											38.43	76.86		494.08	247.04	115.3	
	STA. 32+28		TO 34+25											17.16	34.32	1.2	220.64	110.32	52.7	
Ramp B Gore Area												44.48					179.57	89.78	0.0	
Ramp C	STA. 0+00		TO 0+57											0.71	1.42	0.4	9.12	4.56	2.5	
	STA. 0+57		TO 2+83											14.06	28.12	1.4	180.80	90.40	43.6	
	STA. 2+83		TO 7+92											50.67	101.35		651.52	325.76	152.0	
	STA. 7+92		TO 7+97											0.50	1.00		6.40	3.20	1.5	
Ramp C Gore Area												63.38		0.00	15.93		102.40	51.20	15.9	
Ramp D	STA. 32+28		TO 33+08												15.93		102.40	51.20	15.9	
	STA. 33+08		TO 33+13											0.50	1.00		6.40	3.20	1.5	
	STA. 33+13		TO 36+09											29.47	58.94		378.88	189.44	88.4	
	STA. 36+09		TO 38+15											11.44	22.88		146.72	73.36	36.5	
	STA. 38+15		TO 44+13											37.21	74.42	3.7	478.40	239.20	115.3	
Ramp D Gore Area												33.10					136.51	68.26	0.0	
Truck Lane	STA. 1107+40.5		TO 1119+38.7 (BK)											66.56	133.12	7.5	1150.24	575.12	275.8	
	STA. 465+00.0 (AH)		TO 516+16.0											284.22	568.44	31.8	4911.36	2455.68	1177.8	
EMERGENCY MEDIAN CROSSOVER	STA. 516+16.0		TO 524+00.0											43.56	87.12	4.9	376.32	188.16	92.7	
	STA. 523+90.0		TO 524+50.1											25.38	50.76		120.96	60.48	30.1	
	STA. 741+78.6		TO 742+38.3											25.64	51.28		122.21	61.10	30.5	
PAVEMENT TABLE 3 OF 3 SUB-TOTAL				KNOX CO.		605	50	0	15891	0	0	0	567	278	769	1601	54	11247	6096	2423
PAVEMENT TABLE 1 OF 3 SUB-TOTAL				KNOX CO.		1520	113	374	88121	0	400	0	5601		5019	10037	210	64523	33606	15265
				PEORIA CO.		240	19	534	32756	0	0	416	2122		1901	3802	80	24441	12730	5782
PAVEMENT TABLE 2 OF 3 SUB-TOTAL				KNOX CO.		720	57	160	88329	406	0	0	5601		5019	10037	210	64523	33606	15265
				PEORIA CO.		240	19	0	33705	0	0	0	2122		1901	3802	80	24441	12730	5782
*SHOULDER SUB-TOTAL				KNOX CO.		1345	89	356	73992	169	167	0	581	62	2478				147522	13013
				PEORIA CO.		320	20	356	27693	0	0	174			952				54992	4912
PROJECT TOTAL BY COUNTY				KNOX CO.		4190	309	890	266333	575	567	0	12350	340	13285	21675	474	287815	73308	45966
				PEORIA CO.		800	58	890	94154	0	0	590	4244	0	4754	7604	160	103874	25460	16476
PROJECT TOTAL						4990	367	1780	360487	575	567	590	16594	340	18039	29279	634	391689	98768	62442

* OTHER SHOULDER RELATED PAY ITEMS INCLUDED IN SHOULDER TABLES

• 48-129RS-7,30RS-11;72-3RS-2

FILE NAME = D468507-sht-schedule.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -			74	•	KNOX/PEORIA	124	22	
	PLOT DATE = 10/31/2016	DATE -	REVISED -			CONTRACT NO. 68507					
						ILLINOIS FED. AID PROJECT					

AGGREGATE SHOULDERS TABLE 1 OF 3									
LOCATION					LENGTH		WEDGE WIDTH	AGGREGATE SHOULDERS, TYPE B	
					FOOT			TON	
WESTBOUND I-74									
RT. (INSIDE SHOULDER)									
KNOX CO.									
STA.	1070+97.70		TO	1075+10.20			GUARDRAIL AGG.		
STA.	1075+10.20		TO	1119+38.67	(BK)	4428.47	4	112.2	
STA.	465+00.00	(AH)	TO	517+25.00		5225.00	4	132.4	
STA.	517+25.00		TO	523+90.00		665.00	2	8.4	
STA.	523+90.00		TO	527+55.10		EMERGENCY CROSSOVER		1.3	
STA.	527+55.10		TO	528+79.10		124.00	1	0.8	
STA.	528+79.10		TO	530+30.00		150.90	2	1.9	
STA.	530+30.00		TO	683+46.00		15316.00	4	388.0	
STA.	683+46.00		TO	684+70.24		FRENCH CREEK BRIDGE			
STA.	684+70.24		TO	688+96.30		GUARDRAIL AGG.			
STA.	688+96.30		TO	735+14.00		4617.7	4	117.0	
STA.	735+14.00		TO	741+78.60		664.6	2	8.4	
STA.	741+78.60		TO	745+43.50		EMERGENCY CROSSOVER		1.3	
STA.	745+43.50		TO	746+67.50		124.0	1	0.8	
STA.	746+67.50		TO	748+36.00		168.5	2	2.1	
STA.	748+36.00		TO	753+70.70		534.7	4	13.5	
PEORIA CO.									
STA.	753+70.70		TO	881+00.00		12729.3	4	322.5	
LT. (OUTSIDE SHOULDER)									
KNOX CO.									
STA.	1070+97.70		TO	1074+98.70		GUARDRAIL AGG.			
STA.	1074+98.70		TO	1116+25.60		4126.90	4	104.5	
STA.	1116+25.60		TO	1119+38.67	(BK)	GUARDRAIL AGG.			
STA.	465+00.00	(AH)	TO	465+23.80		GUARDRAIL AGG.			
STA.	465+23.80		TO	578+83.30		11359.50	4	287.8	
STA.	578+83.30		TO	579+55.45		GUARDRAIL AGG.			
STA.	579+55.45		TO	579+71.20		CO. HWY. 18 PIER			
STA.	579+71.20		TO	583+47.20		GUARDRAIL AGG.			
STA.	583+47.20		TO	682+45.80		9898.60	4	250.8	
STA.	682+45.80		TO	683+45.30		GUARDRAIL AGG.			
STA.	683+45.30		TO	684+80.70		FRENCH CREEK BRIDGE			
STA.	684+80.70		TO	690+06.76		GUARDRAIL AGG.			
STA.	690+06.76		TO	696+48.80		642.04	4	16.3	
STA.	696+48.80		TO	697+08.45		GUARDRAIL AGG.			
STA.	697+08.45		TO	697+22.60		KNOX RD. 1000 PIER			
STA.	697+22.60		TO	701+11.10		GUARDRAIL AGG.			
STA.	701+11.10		TO	753+70.70		5259.60	4	133.2	
PEORIA CO.									
STA.	753+70.70		TO	806+08.40		5237.7	4	132.7	
STA.	806+08.40		TO	807+93.27		GUARDRAIL AGG.			
STA.	807+93.27		TO	808+09.00		IL 78 PIER			
STA.	808+09.00		TO	811+97.80		GUARDRAIL AGG.			
STA.	811+97.80		TO	881+00.00		6902.2	4	174.9	
AGGREGATE SHOULDERS TABLE 1 OF 3 SUB-TOTAL					KNOX CO.		1,379		
					PEORIA CO.		631		

AGGREGATE SHOULDERS TABLE 2 OF 3									
LOCATION					LENGTH		WEDGE WIDTH	AGGREGATE SHOULDERS, TYPE B	
					FOOT			TON	
EASTBOUND I-74									
RT. (OUTSIDE SHOULDER)									
KNOX CO.									
STA.	1070+98.70		TO	1078+83.35		GUARDRAIL AGG.			
STA.	1083+00.00		TO	1101+33.00		1833.00	4	46.4	
STA.	1101+33.00		TO	1119+38.67	(BK)	TRUCK LANE			
STA.	465+00.00	(AH)	TO	524+00.00		TRUCK LANE			
STA.	524+00.00		TO	576+22.00		5222.00	4	132.3	
STA.	576+22.00		TO	579+98.10		GUARDRAIL AGG.			
STA.	579+98.10		TO	580+13.10		CO HWY 18 PIER			
STA.	580+13.10		TO	580+72.75		GUARDRAIL AGG.			
STA.	580+72.75		TO	678+85.80		9813.05	4	248.6	
STA.	678+85.80		TO	683+11.78		GUARDRAIL AGG.			
STA.	683+11.78		TO	684+37.00		FRENCH CREEK			
STA.	684+37.00		TO	693+29.00		892.00	4	22.6	
STA.	693+29.00		TO	697+08.00		GUARDRAIL AGG.			
STA.	697+08.00		TO	697+23.30		KNOX RD. 1000 PIER			
STA.	697+23.30		TO	698+20.60		GUARDRAIL AGG.			
STA.	698+20.60		TO	753+70.70		5550.10	4	140.6	
PEORIA CO.									
STA.	753+70.70		TO	802+92.00		4921.30	4	124.7	
STA.	802+92.00		TO	807+93.15		GUARDRAIL AGG.			
STA.	807+93.15		TO	808+09.05		IL 78 PIER			
STA.	808+09.05		TO	808+68.70		GUARDRAIL AGG.			
STA.	808+68.70		TO	881+00.00		7231.30	4	183.2	
LT. (INSIDE SHOULDER)									
KNOX CO.									
STA.	1070+85.00		TO	1119+38.67	(BK)	4853.67	4	123.0	
STA.	465+00.00	(AH)	TO	517+42.00		5242.00	4	132.8	
STA.	517+42.00		TO	519+61.00		219.00	2	2.8	
STA.	519+61.00		TO	520+85.00		124.00	1	0.8	
STA.	520+85.00		TO	524+50.10		EMERGENCY CROSSOVER		1.3	
STA.	524+50.10		TO	530+46.00		595.90	2	7.5	
STA.	530+46.00		TO	679+06.00		14860.00	4	376.5	
STA.	679+06.00		TO	683+22.63		GUARDRAIL AGG.			
STA.	683+22.63		TO	684+48.00		FRENCH CREEK			
STA.	684+48.00		TO	735+34.00		5086.00	4	128.8	
STA.	735+34.00		TO	737+49.20		215.20	2	2.7	
STA.	737+49.20		TO	738+73.20		124.00	1	0.8	
STA.	738+73.20		TO	742+38.30		EMERGENCY CROSSOVER		1.3	
STA.	742+38.30		TO	748+34.00		595.70	2	7.5	
STA.	748+34.00		TO	753+70.70		536.70	4	13.6	
PEORIA CO.									
STA.	753+70.70		TO	881+00.00		12729.30	4	322.5	
AGGREGATE SHOULDERS TABLE 2 OF 3 SUB-TOTAL					KNOX CO.		1592		
					PEORIA CO.		631		

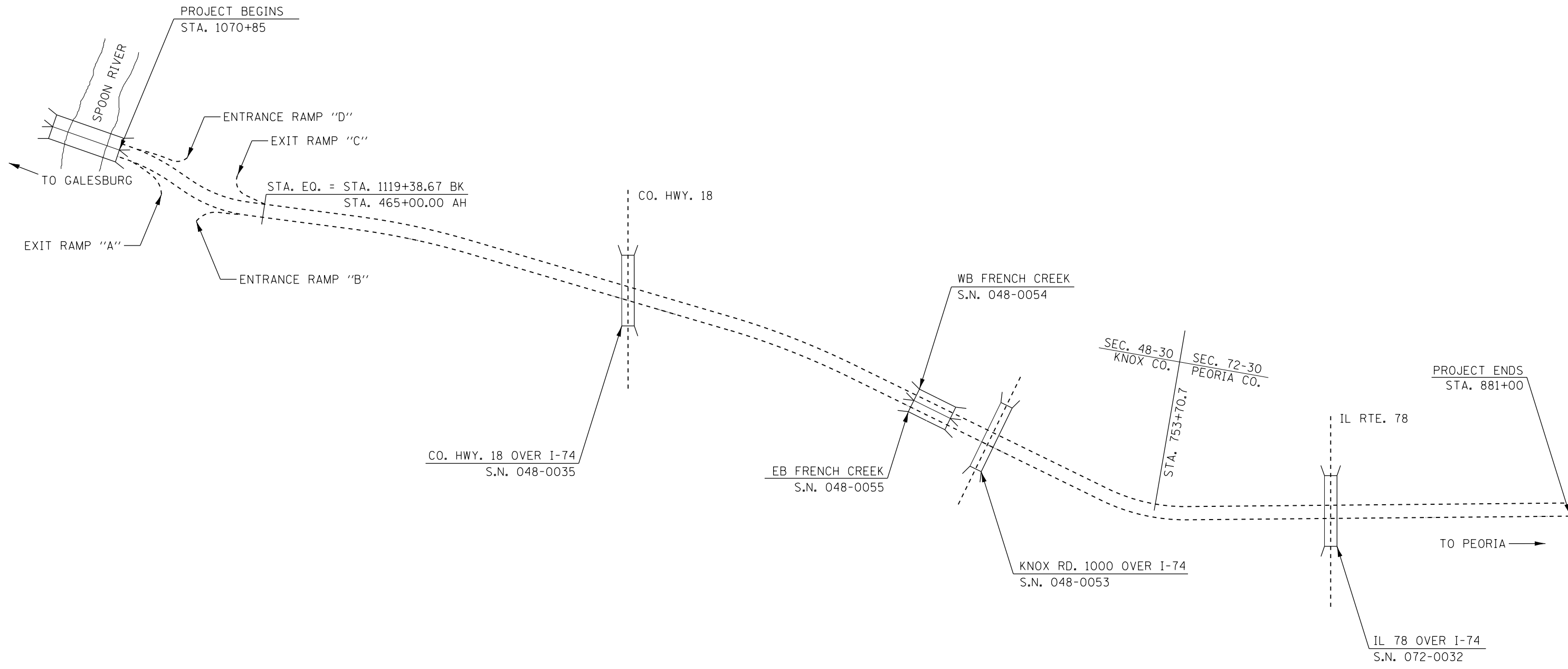
AGGREGATE SHOULDERS TABLE 3 OF 3											
LOCATION							LENGTH		WEDGE WIDTH	AGGREGATE SHOULDERS, TYPE B	
							FOOT			TON	
REST AREA RAMPS											
KNOX CO.											
Ramp A	RT.	STA.	2+38		TO	STA.	7+70	532.00	4	13.5	
	LT.	STA.	6+42		TO	STA.	14+32	790.00	4	20.0	
Ramp B	RT.	STA.	27+75		TO	STA.	28+03	28.00	4	0.7	
	LT.	STA.	27+57		TO	STA.	34+25	668.00	4	16.9	
Ramp C	RT.	STA.	0+00		TO	STA.	8+77	877.00	4	22.2	
	LT.	STA.	7+09		TO	STA.	18+68	1159.00	4	29.4	
Ramp D	RT.	STA.	33+03		TO	STA.	46+36	1333.00	4	33.8	
	LT.	STA.	30+83		TO	STA.	34+00	317.00	4	8.0	
Truck Lane	RT.	STA.	1107+40.5		TO	STA.	1119+38.7	1198.17	4	30.4	
	LT.	STA.	465+00.0	(AH)	TO	STA.	524+00.0	5900.00	4	149.5	
AGGREGATE SHOULDERS TABLE 3 OF 3 SUB-TOTAL								KNOX CO.		325	
AGGREGATE SHOULDERS TABLE 1 OF 3 SUB-TOTAL								KNOX CO.		1,379	
								PEORIA CO.		631	
AGGREGATE SHOULDERS TABLE 2 OF 3 SUB-TOTAL								KNOX CO.		1,592	
								PEORIA CO.		631	
PROJECT TOTAL BY COUNTY								KNOX CO.		3,296	
								PEORIA CO.		1,262	
PROJECT TOTAL										4,558	

LOCATION	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING										PREFORMED PLASTIC PAVEMENT MARKING, TYPE B			RAISED REFLECTIVE PAVEMENT MARKERS			SHORT TERM PAVEMENT MARKING (2 APPLICATIONS)		SHORT TERM PAVEMENT MARKING REMOVAL SQ. FT
	LINE 4"		GROOVING FOR RECESSED PVT MKG 5"	LINE 6"	GROOVING FOR RECESSED PVT MKG 7"	LINE 8"		GROOVING FOR RECESSED PVT MKG 9"	LINE 12"	GROOVING FOR RECESSED PVT MKG 13"	LINE 4"		LINE 6"	1-WAY CRYSTAL	1 -WAY AMBER	REMOVAL	4" WHITE	4" YELLOW	
	WHITE SOLID	YELLOW SOLID		WHITE SKIP-DASH		WHITE SOLID	WHITE SKIP-DASH		WHITE SOLID		WHITE SOLID	WHITE SOLID	YELLOW SOLID						
FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	FT	FT	SO. FT	
WESTBOUND																			
<i>KNOX CO</i>																			
Sta. 1070+85 to 1075+50	465	465	930													45	45	30.1	
Sta. 1075+50 to 1087+40		1190	1190			402	198	600					8			1200	103	434.0	
Sta. 1087+40 to 1112+50	2510	2510	5020													209	209	139.1	
Sta. 1112+50 to 1119+38.67 (BK)		688.7	688.7			414	69	483					11			966	63	342.7	
Sta. 465+00 (AH) to 465+11		11	11				3	3								6	9	5.0	
Sta. 465+11 to 683+34.20	21823.2	21823.2	43646.4													1754	1754	1168.1	
Sta. 683+34.20 to 684+53.20*			238								119	119				10	10	6.3	
Sta. 684+53.20 to 753+70.7	6917.5	6917.5	13835													553	553	368.6	
<i>PEORIA CO</i>																			
Sta. 753+70.7 to 881+00	12729.3	12729.3	25458.6													1026	1026	683.5	
EASTBOUND																			
<i>KNOX CO</i>																			
Sta. 1070+85 to 1076+50	565	565	1130													53	53	35.4	
Sta. 1076+50 to 1082+60		610	610			300	75	375					8			750	57	268.7	
Sta. 1082+60 to 1101+21	1861	1861	3722													157	157	104.5	
Sta. 1101+21 to 1107+55		634	634			303	60	363					8			726	59	261.3	
Sta. 1107+55 to 1119+38.67(BK)	1183.7	1183.7	2367.4			1183.7		1183.7					15		15	310	103	137.4	
Sta. 465+00(AH) to 517+00	5200	5200	10400			5200		5200					65		65	1361	424	594.6	
Sta. 517+00 to 524+00		700	700				174	174								348	64	137.2	
Sta. 524+00 to 683+34.20	15934.2	15934.2	31868.4													1283	1283	854.3	
Sta. 683+34.20 to 684+53.20*			238								119	119				10	10	6.3	
Sta. 684+53.20 to 753+70.7	6917.5	6917.5	13835													553	553	368.6	
<i>PEORIA CO</i>																			
Sta. 753+70.7 to 881+00	12729.3	12729.3	25458.6													1026	1026	683.5	
CENTERLINE																			
<i>KNOX CO</i>																			
Sta. 1070+85 to 1119+38.67 (BK)				13343.9	13343.9								844		844	6132		2041.9	
Sta. 465+00 (AH) to 683+34.20					59.5							59.5							
Sta. 683+34.20 to 684+53.20*					3458.75														
Sta. 684+53.20 to 753+70.7				3458.75	3458.75														
<i>PEORIA CO</i>																			
Sta. 753+70.7 to 881+00				6364.7	6364.7								320		320	2315		770.7	
RAMP "A"																			
<i>KNOX CO</i>																			
Sta. 0+00 to 6+00	600		600			301		301	128	128			39		24	906		301.7	
Sta. 6+00 to 11+00	500	500	1000											12		48	48	32.0	
Sta. 11+00 to "see plan sheet"	280	280	560													30	30	20.2	
RAMP "B"																			
<i>KNOX CO</i>																			
"see plan sheet" to Sta. 28+03	733	818	1551											4	12	67	73	46.6	
Sta. 28+03 to 31+00	297		297					299.5		299.5			8			623		207.4	
Sta. 31+00 to 32+00	100		100	30	30											32		10.7	
Sta. 32+00 to 34+40	240		240													27		9.1	
RAMP "C"																			
<i>KNOX CO</i>																			
Sta. 0+00 to 6+94	694		694			412		412	200.4	200.4			46		30	1280		426.3	
Sta. 6+94 to 11+54	460	460	920											12		45	45	29.8	
Sta. 11+54 to 18+68	714	714	1428													65	65	43.4	
RAMP "D"																			
<i>KNOX CO</i>																			
"see plan sheet" to Sta. 34+09	1184	883	2067											8	8	15	103	79	60.4
Sta. 34+09 to 37+00	291		291					292.5		292.5						608		202.6	
Sta. 37+00 to 38+08	108		108	30	30											33		10.9	
Sta. 38+08 to 46+09	801		801													72		24.0	
SUB-TOTAL (KNOX COUNTY)																			
	70380	70866	141721	16863	16923	9108	579	9687	329	329	238	238	60	1060	36	1005	20365	5848	8729
SUB-TOTAL (PEORIA COUNTY)																			
	25459	25459	50918	6365	6365									320	320	4367	2053	2138	
PROJECT TOTAL																			
	192164	192639	23228	23288	9687	9687	329	329	476	60	1416	1325	32633	10867					

*FRENCH CREEK STRUCTURES

• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-schedule.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT DATE = 10/31/2016	DRAWN -	REVISED -						74	•	KNOX/PEORIA	124	27
		CHECKED -	REVISED -						CONTRACT NO. 68507				
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



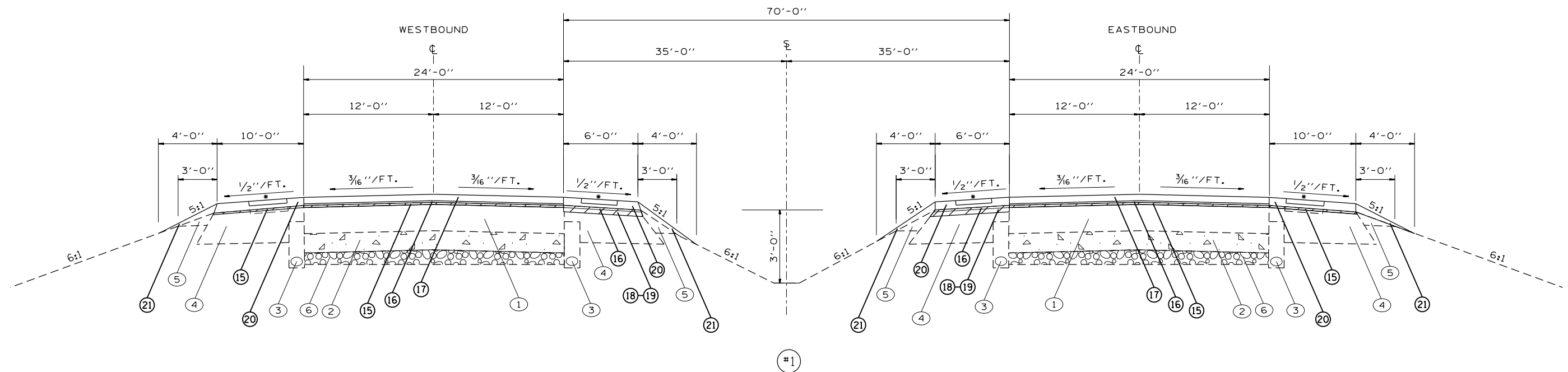
FILE NAME = D468507-sht-gennote & standards.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 10/31/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	28
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-C29RS-7,30RS-11;72-3RS-2



TYPICAL SECTION FOR W.B. AND E.B. I-74

W.B. I-74

STA. 1070+85 TO STA. 1072+39.5 ±
 STA. 1090+09.3 TO STA. 1093+07.6 ±
 STA. 524+00 TO STA. 736+10.4 ±
 STA. 765+36.5 TO STA. 881+00 ±

E.B. I-74

STA. 1070+85 TO STA. 1072+39.5 ±
 STA. 1090+09.3 TO STA. 1093+07.6 ±
 STA. 524+00 TO STA. 736+10.4 ±
 STA. 765+36.5 TO STA. 881+00 ±

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑳ HMA SHOULDER, N50 9.5, 1 1/2"
- ㉑ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉒ AGGREGATE SHOULDER, TY B
- ㉓ HMA SHOULDER REMOVAL
- ㉔ HMA SHOULDERS, 8"

* RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

• 48-[29RS-7,30RS-1];72-3RS-2

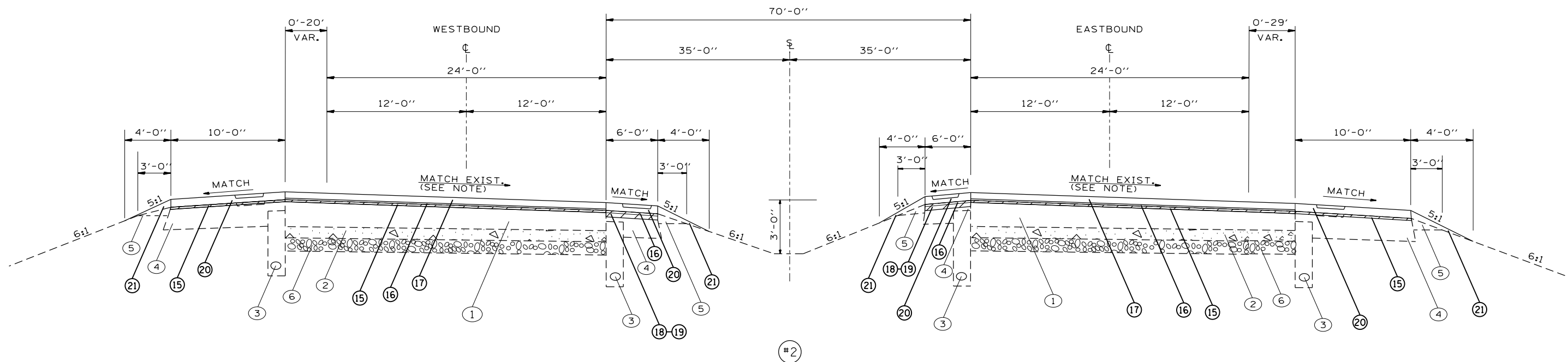
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	29
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION FOR W.B. AND E.B. I-74
(CURVE #1)

W.B. I-74
STA. 1072+39.5 TO STA. 1090+09.3

E.B. I-74
STA. 1072+39.5 TO STA. 1090+09.3

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑳ HMA SHOULDER, N50 9.5, 1 1/2"
- ㉑ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉒ AGGREGATE SHOULDER, TY B
- ㉓ HMA SHOULDER REMOVAL
- ㉔ HMA SHOULDERS, 8"
- * RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

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.

TABLE FOR SUPERELEVATION
(FROM PREVIOUS SET OF PLANS WHICH INCLUDED OVERLAY OF THIS SECTION)

CURVE NO.	S.E. TRANSITION ATTAINED STA. TO STA.	FULL SUPER STA. TO STA.	RATE	S.E. TRANSITION REMOVED STA. TO STA.
1	STA. 1072+02.52 TO STA. 1074+59.52	STA. 1074+59.52 TO STA. 1087+89.33	2%	STA. 1087+89.33 TO STA. 1090+44.33
2	STA. 1092+72.6 TO STA. 1095+27.6	STA. 1095+27.6 TO STA. 1113+68.87	2.8%	STA. 1113+68.87 TO STA. 1116+23.87
5	STA. 735+75.35 TO STA. 738+30.35	STA. 738+30.35 TO STA. 763+16.49	2.8%	STA. 763+16.49 TO STA. 765+71.49

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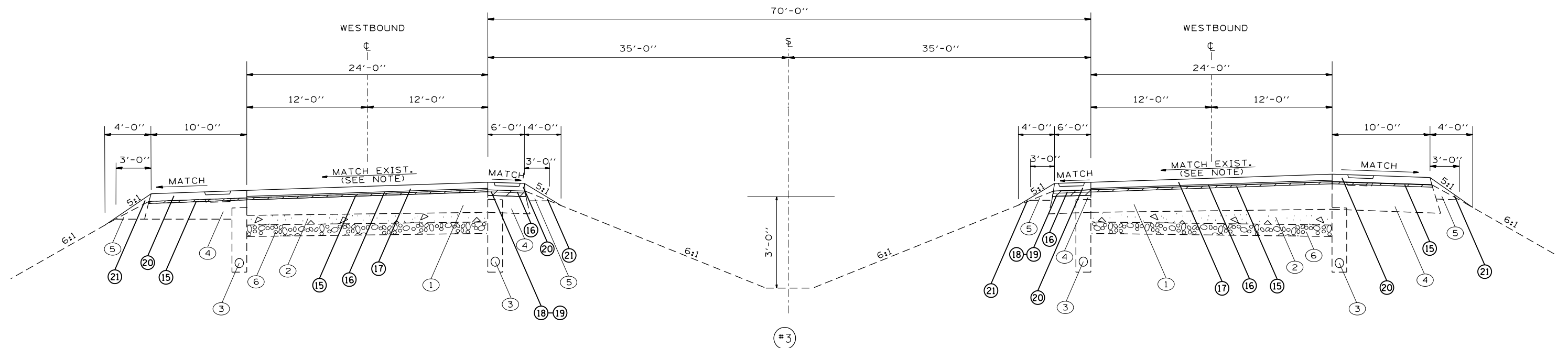
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	30
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-I29RS-7,30RS-11;72-3RS-2



TYPICAL SECTION FOR W.B. AND E.B. I-74

(CURVE #2 & #5)

W.B. I-74

STA. 1093+07.6 TO STA. 1107+40.4
STA. 736+10.4 TO STA. 765+36.5

E.B. I-74

STA. 1093+07.6 TO STA. 1103+44
STA. 736+10.4 TO STA. 765+36.5

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑳ HMA SHOULDER, N50 9.5, 1 1/2"
- ㉑ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉒ AGGREGATE SHOULDER, TY B
- ㉓ HMA SHOULDER REMOVAL
- ㉔ HMA SHOULDERS, 8"

* RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

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.

TABLE FOR SUPERELEVATION
(FROM PREVIOUS SET OF PLANS WHICH INCLUDED OVERLAY OF THIS SECTION)

CURVE NO.	S.E. TRANSITION ATTAINED STA. TO STA.	FULL SUPER STA. TO STA.	RATE	S.E. TRANSITION REMOVED STA. TO STA.
1	STA. 1072+02.52 TO STA. 1074+59.52	STA. 1074+59.52 TO STA. 1087+89.33	2%	STA. 1087+89.33 TO STA. 1090+44.33
2	STA. 1092+72.6 TO STA. 1095+27.6	STA. 1095+27.6 TO STA. 1113+68.87	2.8%	STA. 1113+68.87 TO STA. 1116+23.87
5	STA. 735+75.35 TO STA. 738+30.35	STA. 738+30.35 TO STA. 763+16.49	2.8%	STA. 763+16.49 TO STA. 765+71.49

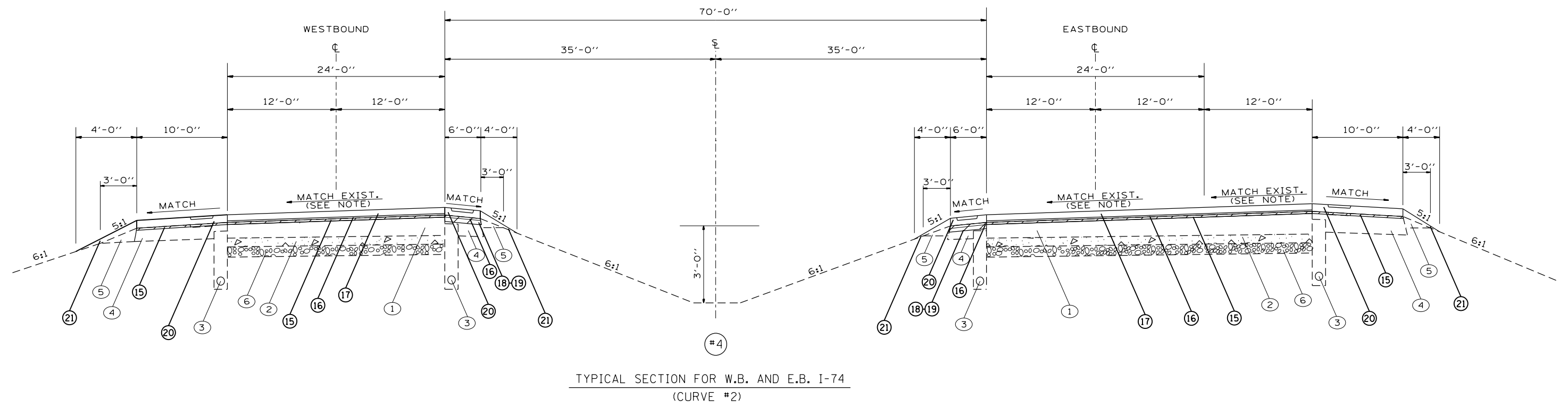
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

48-I29RS-7,30RS-11;72-3RS-2			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	.	KNOX/PEORIA	124
			SHEET NO. 31
CONTRACT NO. 68507			
ILLINOIS FED. AID PROJECT			



TYPICAL SECTION FOR W.B. AND E.B. I-74
(CURVE #2)

W.B. I-74
STA. 1107+40.4 TO STA. 1114+20.1

E.B. I-74
STA. 1107+40.4 TO STA. 1115+88.9

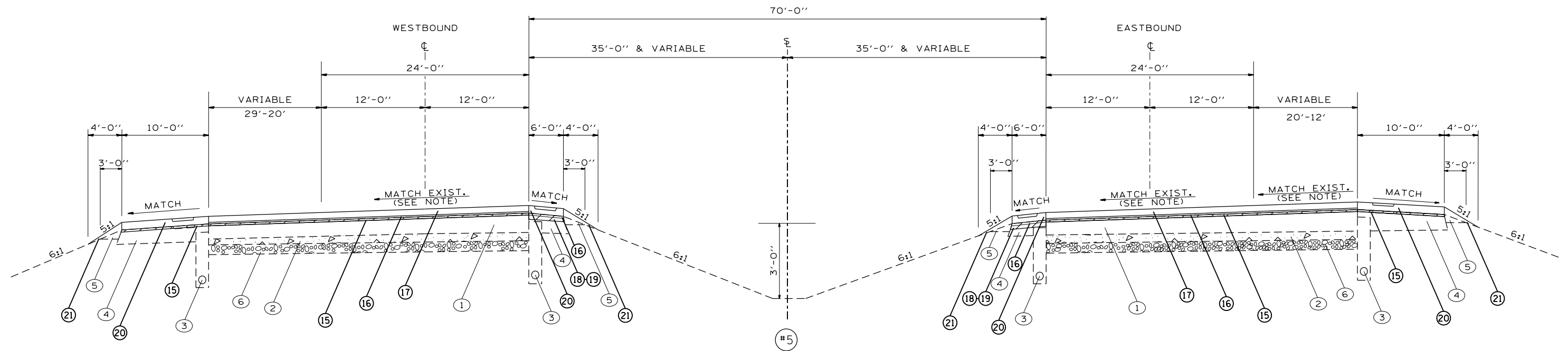
- LEGEND**
- EXISTING ITEMS**
- ① EXIST. BIT. OVERLAY 6-9"
 - ② EXIST. P.C.C. PAVT. 7"
 - ③ EXIST. PIPE UNDER DRAIN
 - ④ EXIST. BIT. SHOULDER
 - ⑤ EXIST. AGG. SHOULDER
 - ⑥ EXIST. STABILIZED SUB BASE
- PROPOSED ITEMS**
- ⑮ HMA SURFACE REMOVAL, 3/4"
 - ⑯ LEVELING BINDER, IL 4.75, 1"
 - ⑰ HMA SURFACE, SMA, 2"
 - ⑱ HMA SURFACE REMOVAL, 2 1/4"
 - ⑲ HMA SHOULDER, N50 9.5, 1 1/2"
 - ⑳ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
 - ㉑ AGGREGATE SHOULDER, TY B
 - ㉒ HMA SHOULDER REMOVAL
 - ㉓ HMA SHOULDERS, 8"
- * RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES				
STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

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.

TABLE FOR SUPERELEVATION
(FROM PREVIOUS SET OF PLANS WHICH INCLUDED OVERLAY OF THIS SECTION)

CURVE NO.	S.E. TRANSITION ATTAINED STA. TO STA.	FULL SUPER STA. TO STA.	RATE	S.E. TRANSITION REMOVED STA. TO STA.
1	STA. 1072+02.52 TO STA. 1074+59.52	STA. 1074+59.52 TO STA. 1087+89.33	2%	STA. 1087+89.33 TO STA. 1090+44.33
2	STA. 1092+72.6 TO STA. 1095+27.6	STA. 1095+27.6 TO STA. 1113+68.87	2.8%	STA. 1113+68.87 TO STA. 1116+23.87
5	STA. 735+75.35 TO STA. 738+30.35	STA. 738+30.35 TO STA. 763+16.49	2.8%	STA. 763+16.49 TO STA. 765+71.49



TYPICAL SECTION FOR W.B. AND E.B. I-74
(CURVE #2)

W.B. I-74
STA. 1114+20.1 TO STA. 1115+88.9

E.B. I-74
STA. 1103+44 TO STA. 1107+40.4

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑲ HMA SHOULDER, N50 9.5, 1 1/2"
- ⑳ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉑ AGGREGATE SHOULDER, TY B
- ㉒ HMA SHOULDER REMOVAL
- ㉓ HMA SHOULDERS, 8"
- * RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

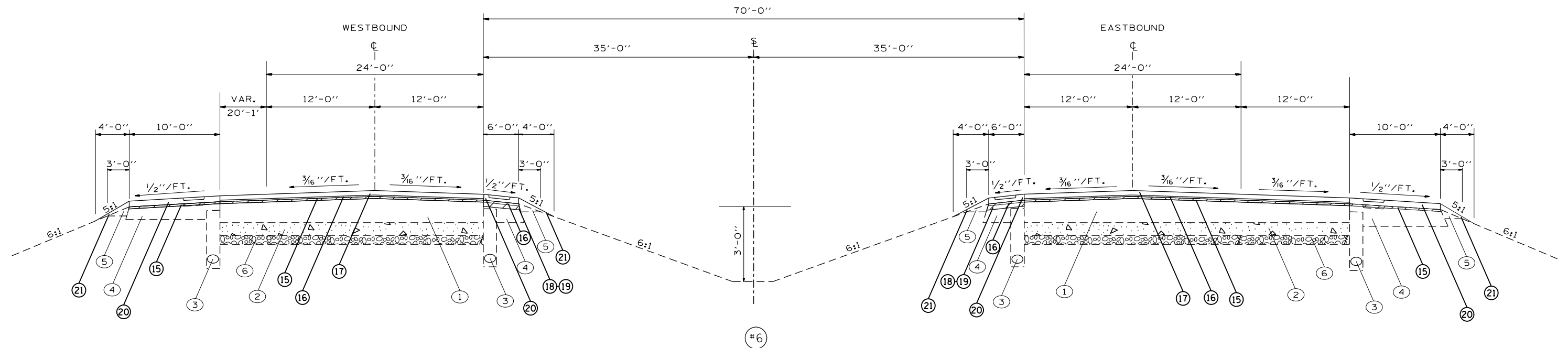
STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
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808+00	IL 78	WB	3 1/4	7 1/8
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NOTE

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.

TABLE FOR SUPERELEVATION
(FROM PREVIOUS SET OF PLANS WHICH INCLUDED OVERLAY OF THIS SECTION)

CURVE NO.	S.E. TRANSITION ATTAINED STA. TO STA.	FULL SUPER STA. TO STA.	RATE	S.E. TRANSITION REMOVED STA. TO STA.
1	STA. 1072+02.52 TO STA. 1074+59.52	STA. 1074+59.52 TO STA. 1087+89.33	2%	STA. 1087+89.33 TO STA. 1090+44.33
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5	STA. 735+75.35 TO STA. 738+30.35	STA. 738+30.35 TO STA. 763+16.49	2.8%	STA. 763+16.49 TO STA. 765+71.49



TYPICAL SECTION FOR W.B. AND E.B. I-74

W.B. I-74

E.B. I-74

STA. 1115+88.9 TO STA. 1119+38.67
 STA. 465+00 AH. TO STA. 465+11.3

STA. 1115+88.9 TO STA. 1119+38.67
 STA. 465+00 TO STA. 517+00

STATION EQUATION
 STA. 1119+38.67 = STA. 465+00

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑲ HMA SHOULDER, N50 9.5, 1 1/2"
- ⑳ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉑ AGGREGATE SHOULDER, TY B
- ㉒ HMA SHOULDER REMOVAL
- ㉓ HMA SHOULDERS, 8"
- * RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
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697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
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798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

• 48-I29RS-7,30RS-11;72-3RS-2

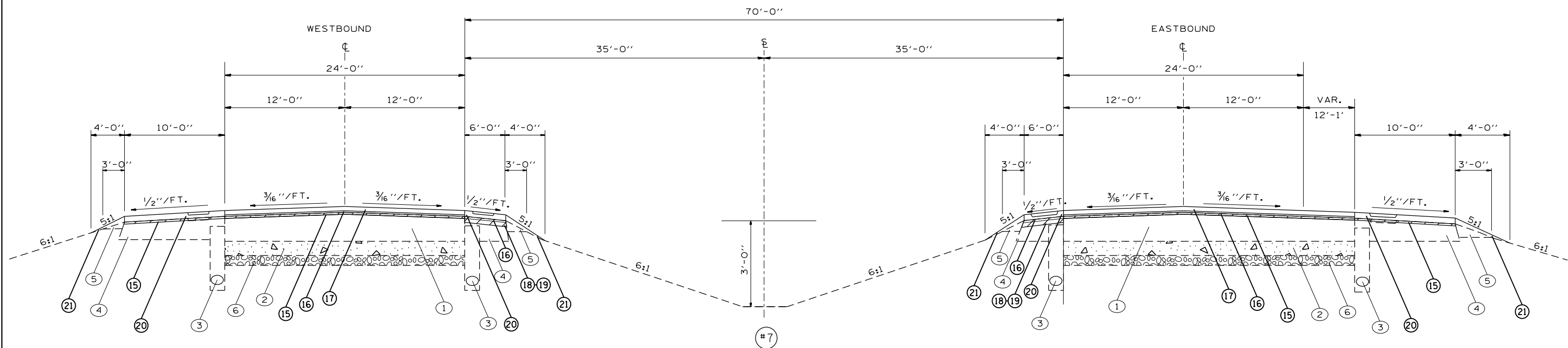
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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	34
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION FOR W.B. AND E.B. I-74

W.B. I-74
STA. 465+11.3 TO STA. 524+00

E.B. I-74
STA. 517+00 TO STA. 524+00

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑳ HMA SHOULDER, N50 9.5, 1 1/2"
- ㉑ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉒ AGGREGATE SHOULDER, TY B
- ㉓ HMA SHOULDER REMOVAL
- ㉔ HMA SHOULDERS, 8"

* RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

48-[29RS-7,30RS-1];72-3RS-2

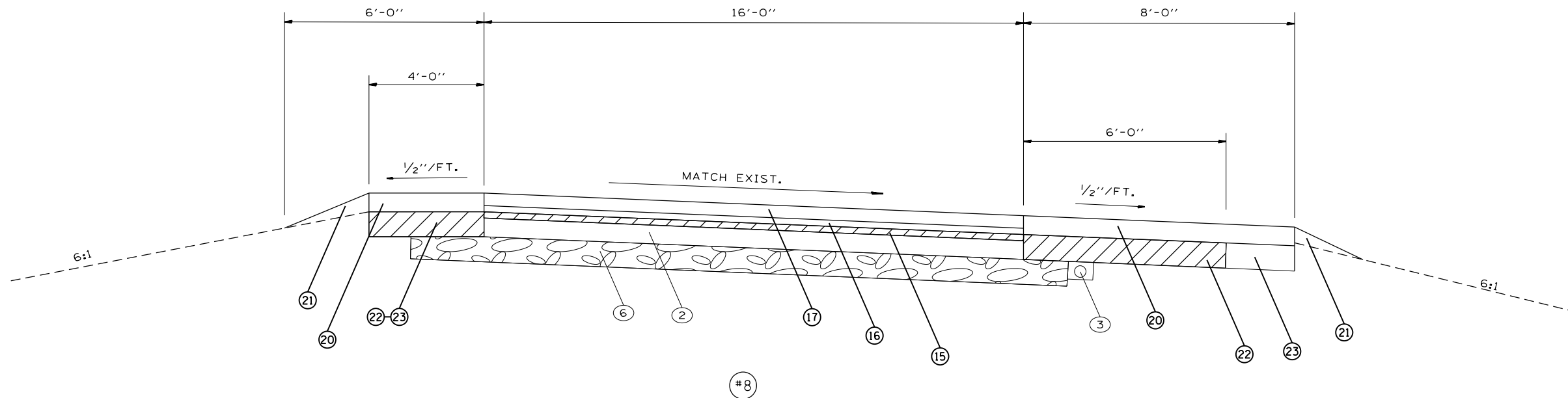
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	35
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION FOR W.B. AND E.B. REST AREA RAMPS

W.B. I-74
ENTRANCE RAMP "D"
EXIT RAMP "C"

E.B. I-74
ENTRANCE RAMP "B"
EXIT RAMP "A"

LEGEND

EXISTING ITEMS

- ① EXIST. BIT. OVERLAY 6-9"
- ② EXIST. P.C.C. PAVT. 7"
- ③ EXIST. PIPE UNDER DRAIN
- ④ EXIST. BIT. SHOULDER
- ⑤ EXIST. AGG. SHOULDER
- ⑥ EXIST. STABILIZED SUB BASE

PROPOSED ITEMS

- ⑮ HMA SURFACE REMOVAL, 3/4"
- ⑯ LEVELING BINDER, IL 4.75, 1"
- ⑰ HMA SURFACE, SMA, 2"
- ⑱ HMA SURFACE REMOVAL, 2 1/4"
- ⑲ HMA SHOULDER, N50 9.5, 1 1/2"
- ⑳ HMA SHOULDER, N50 9.5, FG MIX C, (3" OUTSIDE, 2" INSIDE)
- ㉑ AGGREGATE SHOULDER, TY B
- ㉒ HMA SHOULDER REMOVAL
- ㉓ HMA SHOULDERS, 8"

* RUMBLE STRIPS WILL BE INCLUDED ON ALL SHOULDERS

PAVEMENT CORES

STATION	UNDER STRUCTURE	DIRECTION	HMA	P.C.C.
			INCH	INCH
522+00	NO	WB	8 1/8	-
524+40	NO	EB	8	-
579+84	CH 18	WB	10 1/8	7
579+84	CH 18	EB	N/A	10 1/4
579+93	CH 18	WB	9 3/8	7 1/8
697+10	KNOX RD 1000 N	WB	2 1/2	7 1/4
697+10	KNOX RD 1000 N	EB	2 1/2	7 1/4
798+00	NO	WB	8 3/4	7 1/4
798+00	NO	EB	8 1/4	-
808+00	IL 78	WB	3 1/4	7 1/8
808+00	IL 78	EB	N/A	10 1/8

NOTE

SEE PROPOSED PLAN DETAILS FOR BUTT JOINTS ON RAMP TERMINALS AND PROPOSED SHOULDER IMPROVEMENT LIMITS.

• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-typical.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

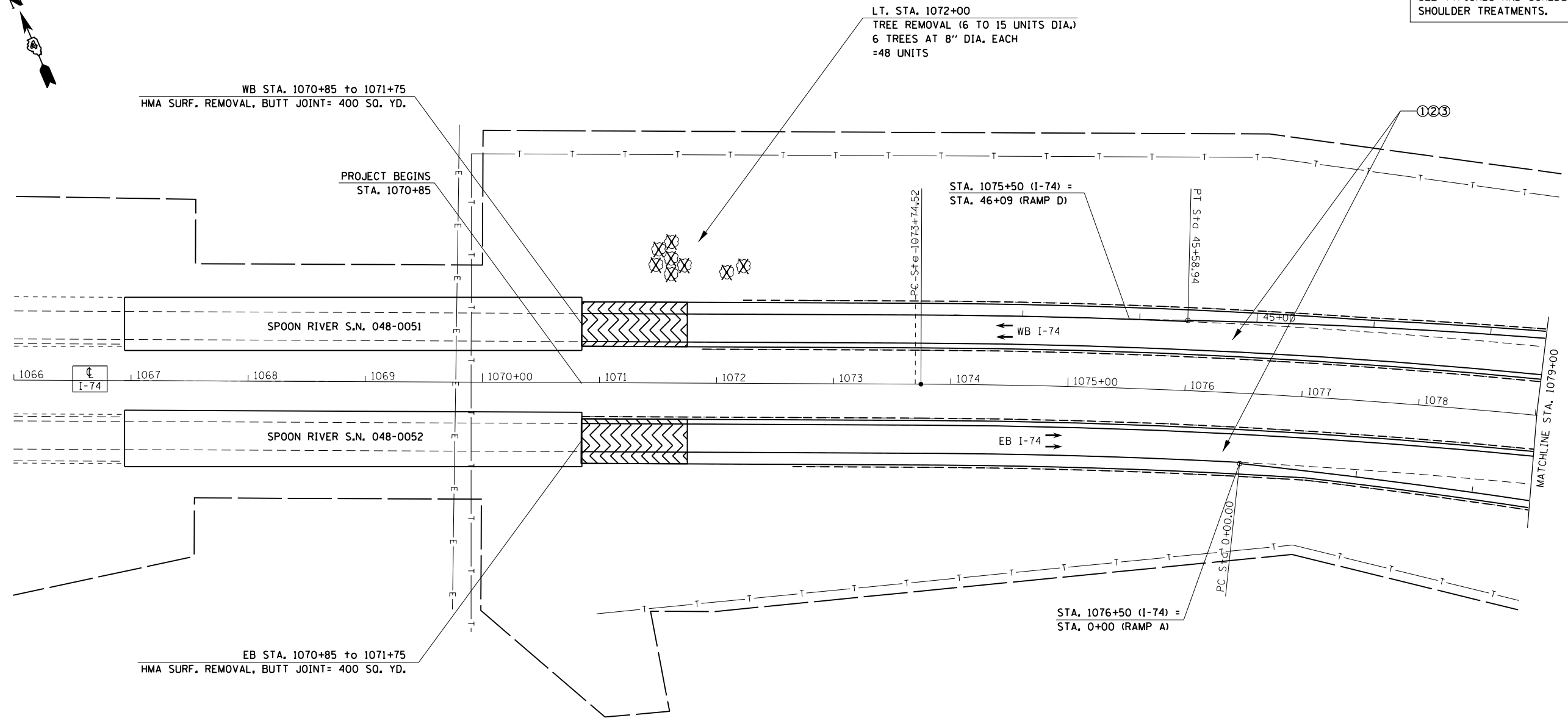
PROPOSED/EXISTING TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	36
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① HMA SURFACE REMOVAL, 3/4"
 - ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 - ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
- SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



EXIST. CURVE 747-1
 PI STA. = 1081+28.73
 $\Delta = 14^\circ 59' 53''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 754.21'$
 $L = 1,499.81'$
 $E = 49.43'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1073+74.52$
 $P.T. STA. = 1088+74.33$



FILE NAME = D468507-sht-pavement.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	37
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

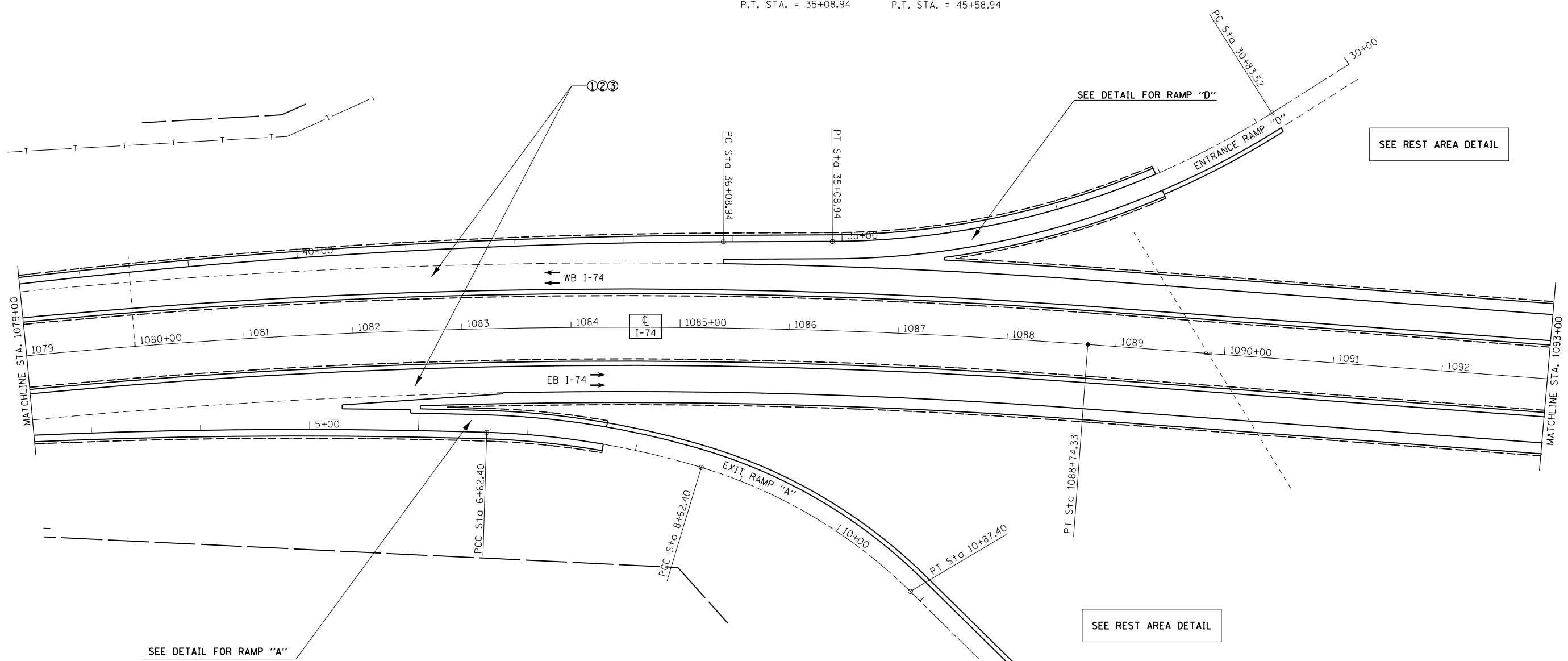
• 48-[29RS-7,30RS-1];72-3RS-2



EXIST. CURVE RAMPD-1
 PI STA. = 33+01.96
 $\Delta = 32^\circ 04' 19''$ (RT)
 $D = 7^\circ 32' 20''$
 $R = 760.00'$
 $T = 218.44'$
 $L = 425.42'$
 $E = 30.77'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 30+83.52$
 $P.T. \text{ STA.} = 35+08.94$

EXIST. CURVE RAMPD-2
 PI STA. = 40+85.01
 $\Delta = 9^\circ 24' 11''$ (LT)
 $D = 0^\circ 59' 23''$
 $R = 5,788.58'$
 $T = 476.07'$
 $L = 950.00'$
 $E = 19.54'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 36+08.94$
 $P.T. \text{ STA.} = 45+58.94$

LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



EXIST. CURVE RAMPA-1
 PI STA. = 3+31.58
 $\Delta = 6^\circ 41' 35''$ (RT)
 $D = 1^\circ 00' 37''$
 $R = 5,670.58'$
 $T = 331.58'$
 $L = 662.40'$
 $E = 9.69'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 0+00.00$
 $P.T. \text{ STA.} = 6+62.40$

EXIST. CURVE RAMPA-2
 PI STA. = 7+62.98
 $\Delta = 15^\circ 04' 40''$ (RT)
 $D = 7^\circ 32' 20''$
 $R = 760.00'$
 $T = 100.58'$
 $L = 200.00'$
 $E = 6.63'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 6+62.40$
 $P.T. \text{ STA.} = 8+62.40$

EXIST. CURVE RAMPA-3
 PI STA. = 9+77.15
 $\Delta = 27^\circ 43' 26''$ (RT)
 $D = 12^\circ 19' 18''$
 $R = 465.00'$
 $T = 114.75'$
 $L = 225.00'$
 $E = 13.95'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 8+62.40$
 $P.T. \text{ STA.} = 10+87.40$



FILE NAME = D468507-sht-pavement.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

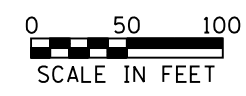
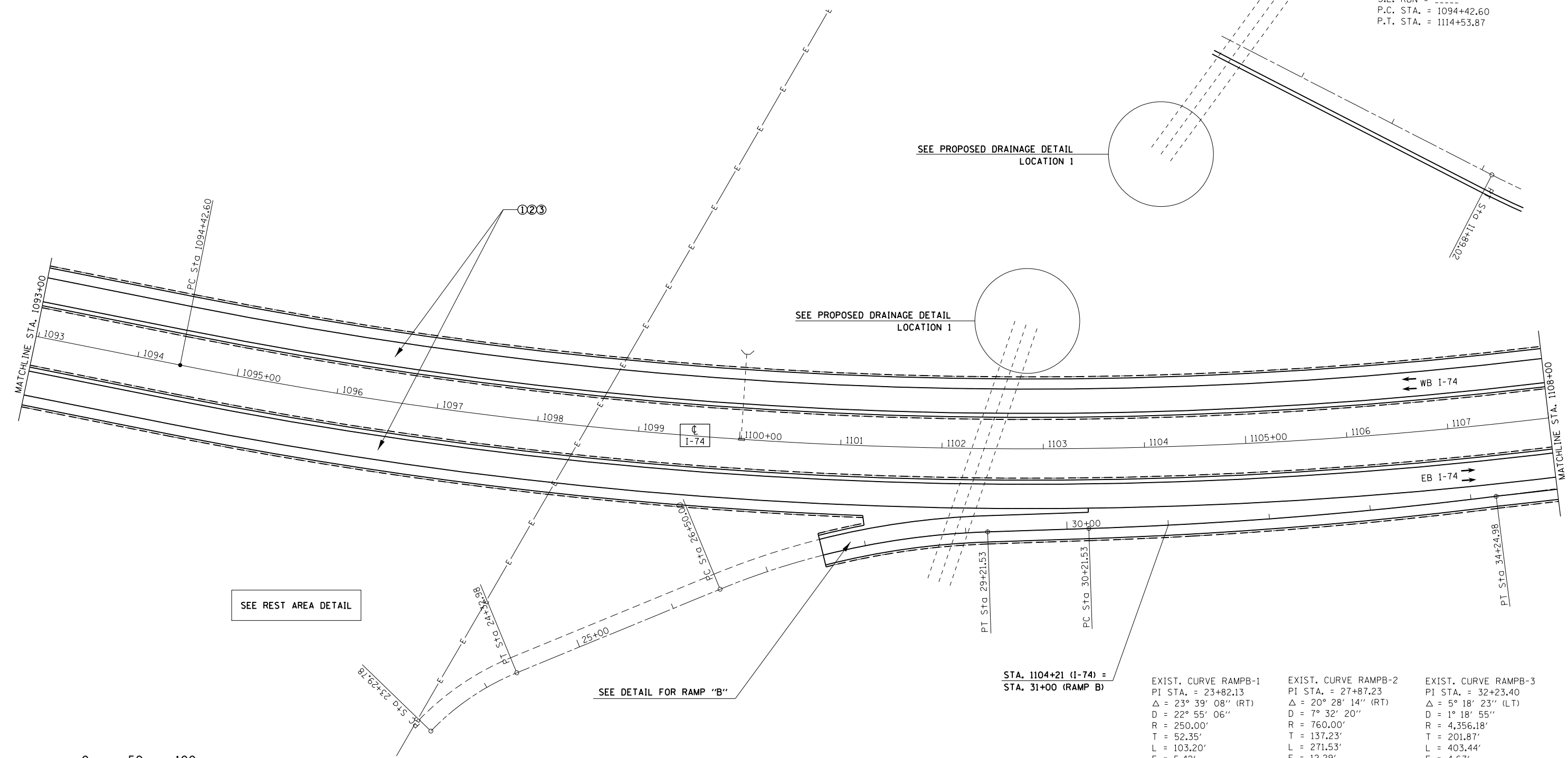
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	38
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-I29RS-7,30RS-13;72-3RS-2



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.

EXIST. CURVE 747-2
 PI STA. = 1104+67.00
 $\Delta = 26^\circ 49' 01''$ (LT)
 D = 1° 20' 00"
 R = 4,297.18'
 T = 1,024.40'
 L = 2,011.27'
 E = 120.42'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 1094+42.60
 P.T. STA. = 1114+53.87



STA. 1104+21 (I-74) = STA. 31+00 (RAMP B)

EXIST. CURVE RAMPB-1 PI STA. = 23+82.13 $\Delta = 23^\circ 39' 08''$ (RT) D = 22° 55' 06" R = 250.00' T = 52.35' L = 103.20' E = 5.42' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 23+29.78 P.T. STA. = 24+32.98	EXIST. CURVE RAMPB-2 PI STA. = 27+87.23 $\Delta = 20^\circ 28' 14''$ (RT) D = 7° 32' 20" R = 760.00' T = 137.23' L = 271.53' E = 12.29' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 26+50.00 P.T. STA. = 29+21.53	EXIST. CURVE RAMPB-3 PI STA. = 32+23.40 $\Delta = 5^\circ 18' 23''$ (LT) D = 1° 18' 55" R = 4,356.18' T = 201.87' L = 403.44' E = 4.67' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 30+21.53 P.T. STA. = 34+24.98
---	--	--

FILE NAME = D468507-sht-pavement.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

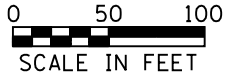
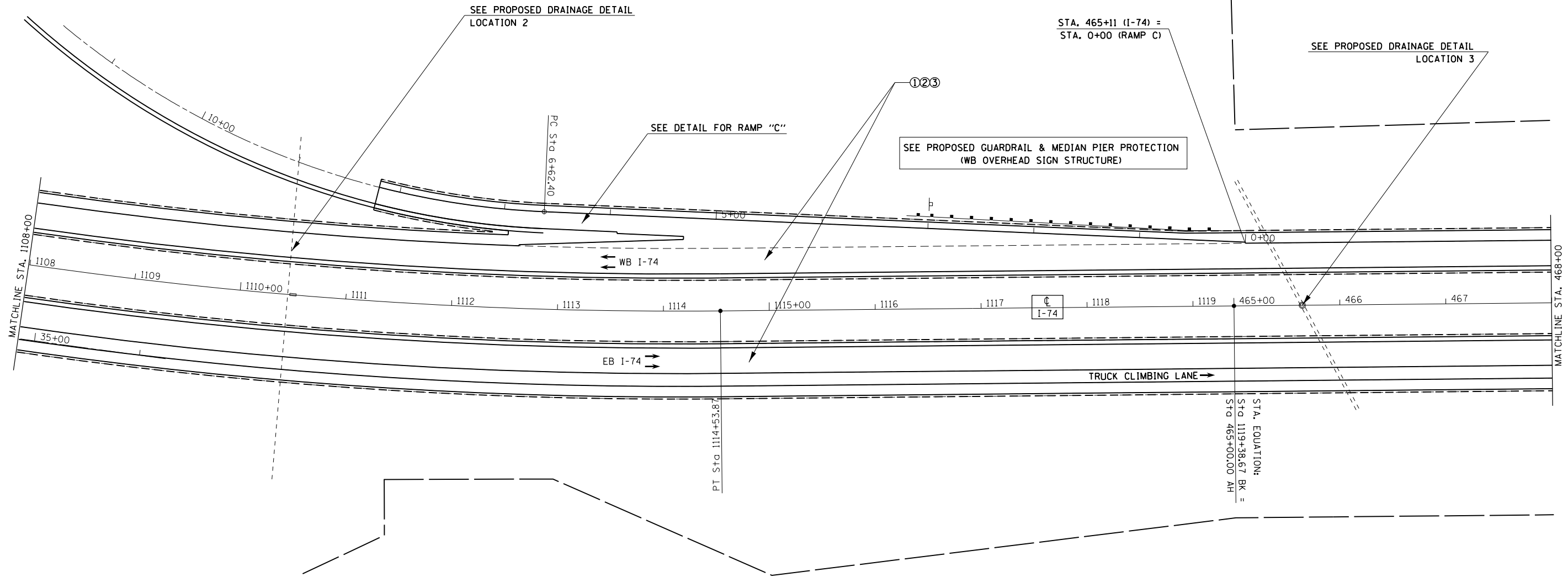
PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	39
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE RAMP C-1
 PI STA. = 9+36.78
 $\Delta = 39^\circ 42' 05''$ (RT)
 $D = 7^\circ 32' 20''$
 $R = 760.00'$
 $T = 274.38'$
 $L = 526.62'$
 $E = 48.01'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 6+62.40$
 $P.T. \text{ STA.} = 11+89.02$

- LEGEND**
- ① HMA SURFACE REMOVAL, 3/4"
 - ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 - ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
- SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



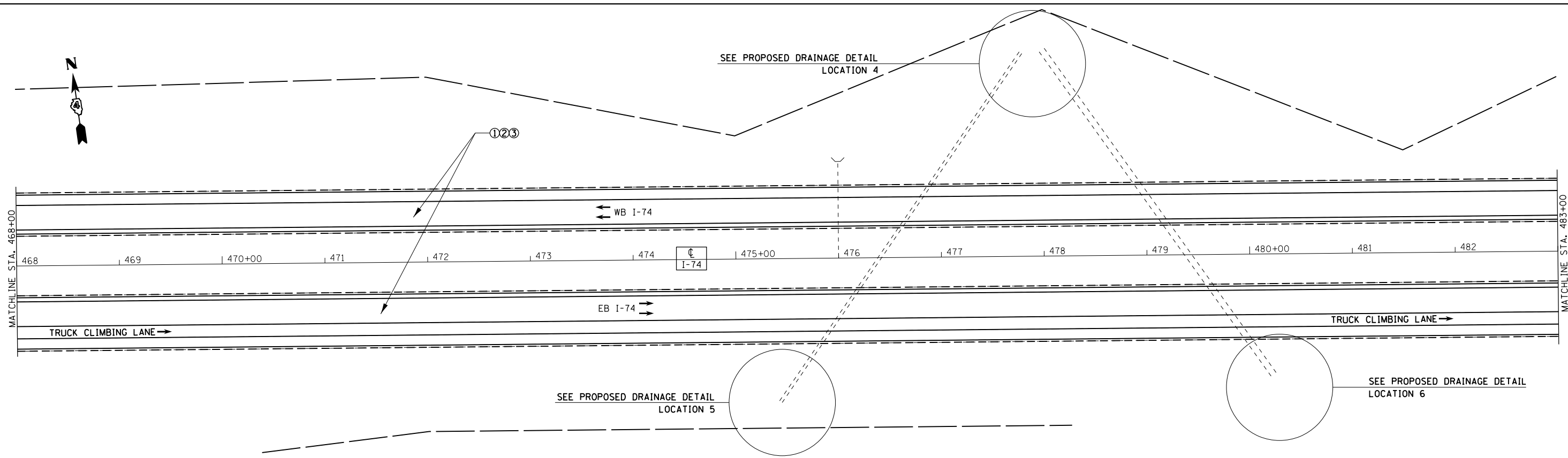
48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht:pavement.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

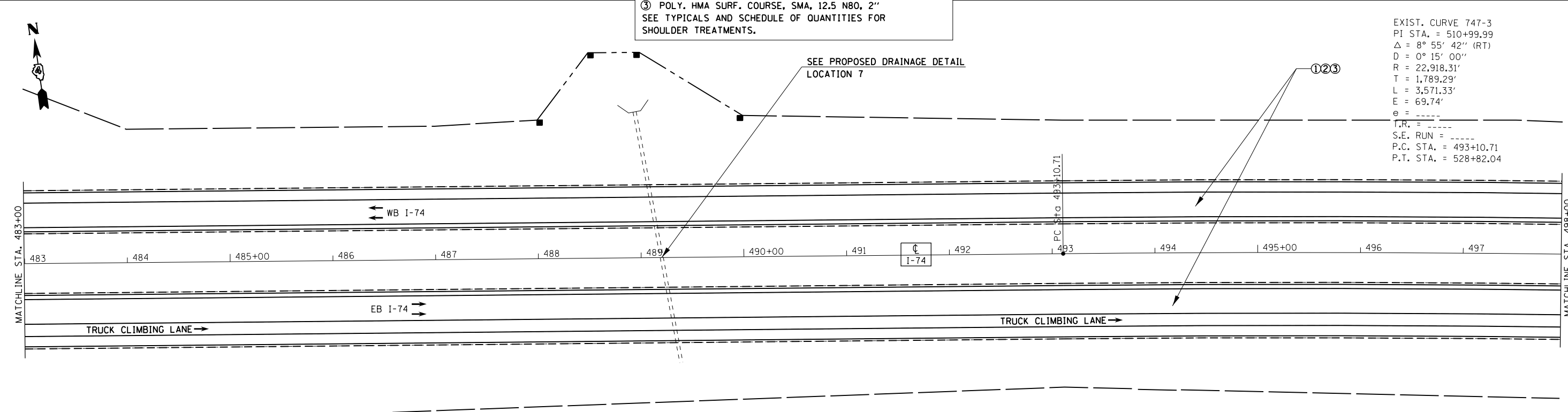
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

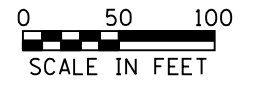
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	40
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



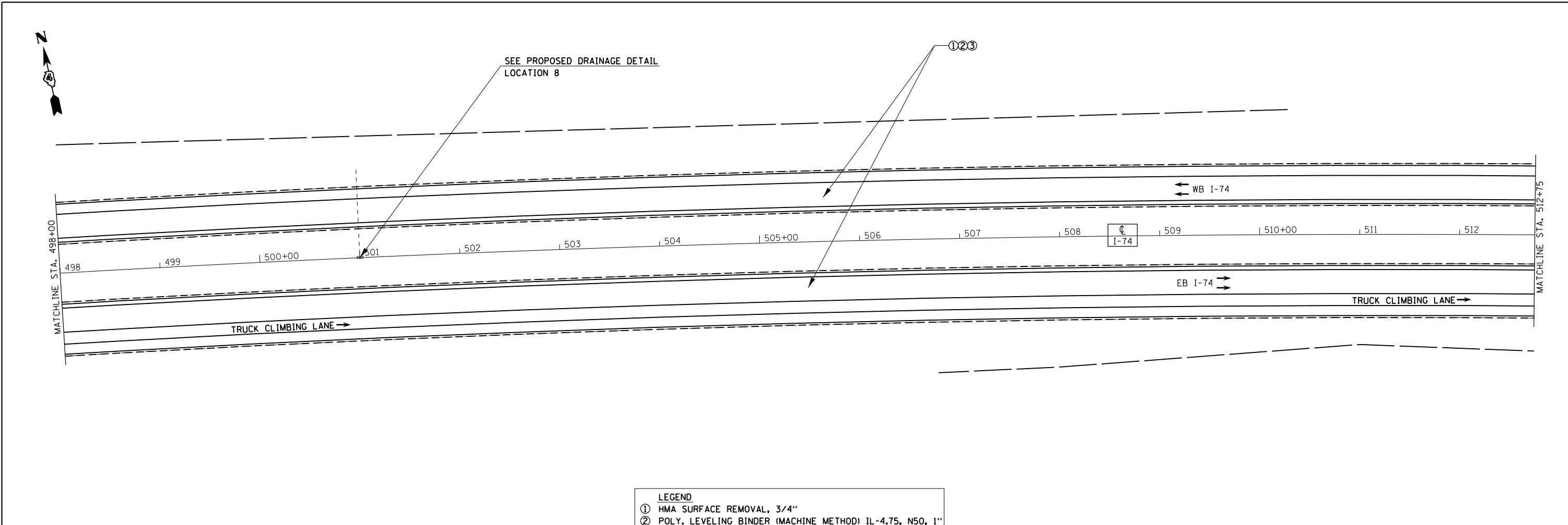
LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



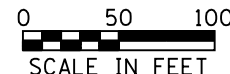
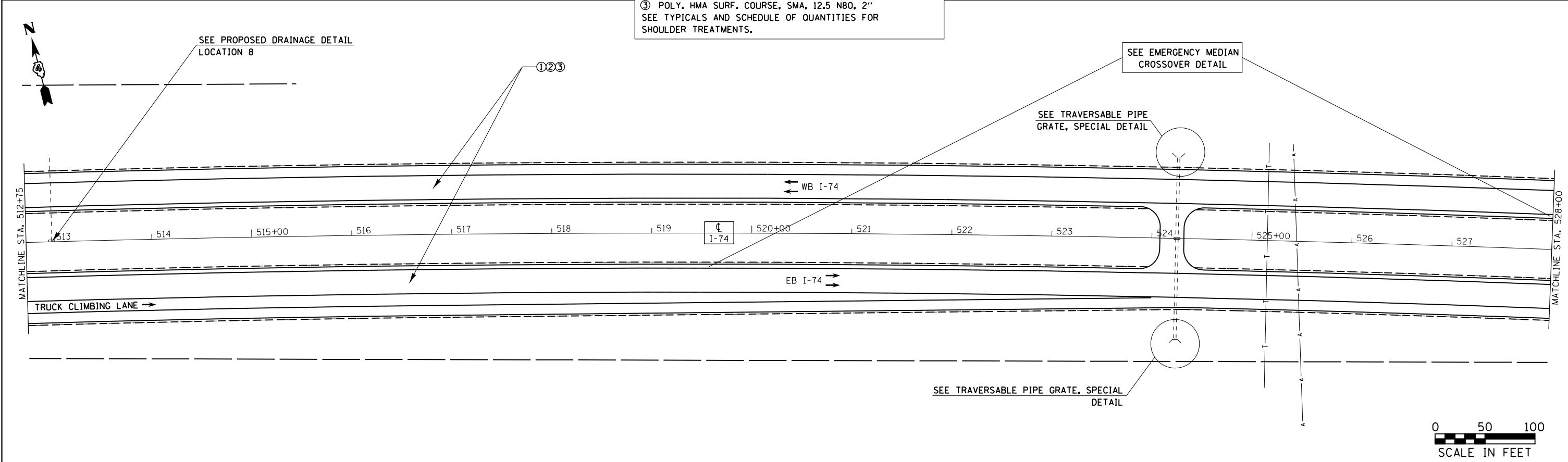
EXIST. CURVE 747-3
 PI STA. = 510+99.99
 $\Delta = 8^\circ 55' 42''$ (RT)
 $D = 0^\circ 15' 00''$
 $R = 22,918.31'$
 $T = 1,789.29'$
 $L = 3,571.33'$
 $E = 69.74'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 493+10.71$
 $P.T. \text{ STA.} = 528+82.04$



FILE NAME = D468507-shr-pavement.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					74	.	KNOX/PEORIA	124	41
Default	PLOT DATE = 10/31/2016	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT												



- LEGEND**
- ① HMA SURFACE REMOVAL, 3/4"
 - ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 - ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
- SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



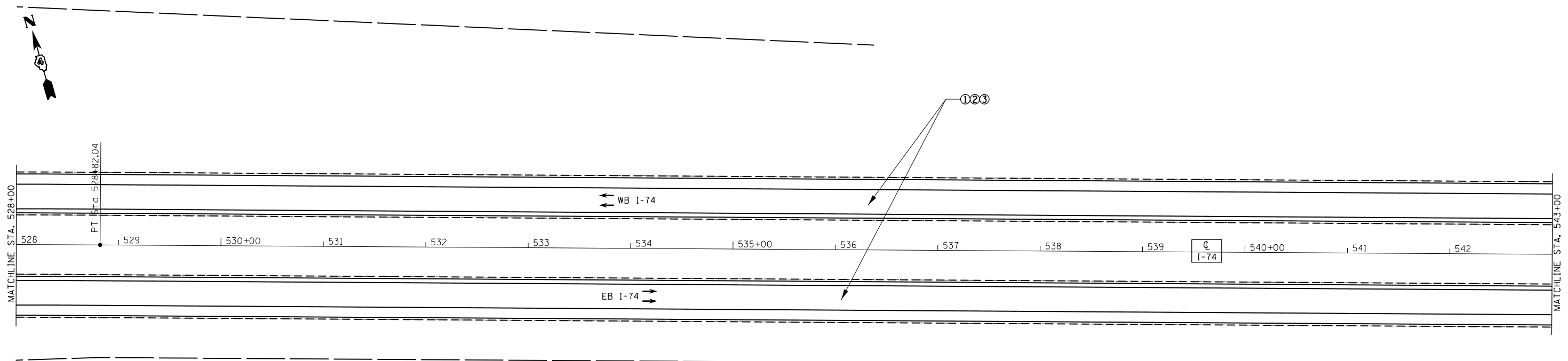
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

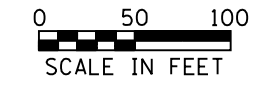
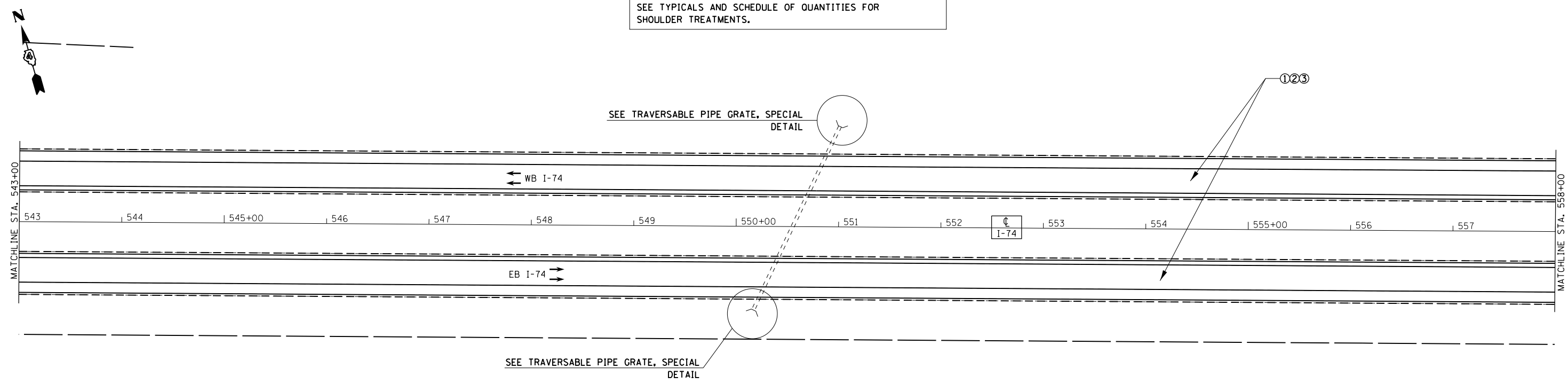
PROPOSED PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	42
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



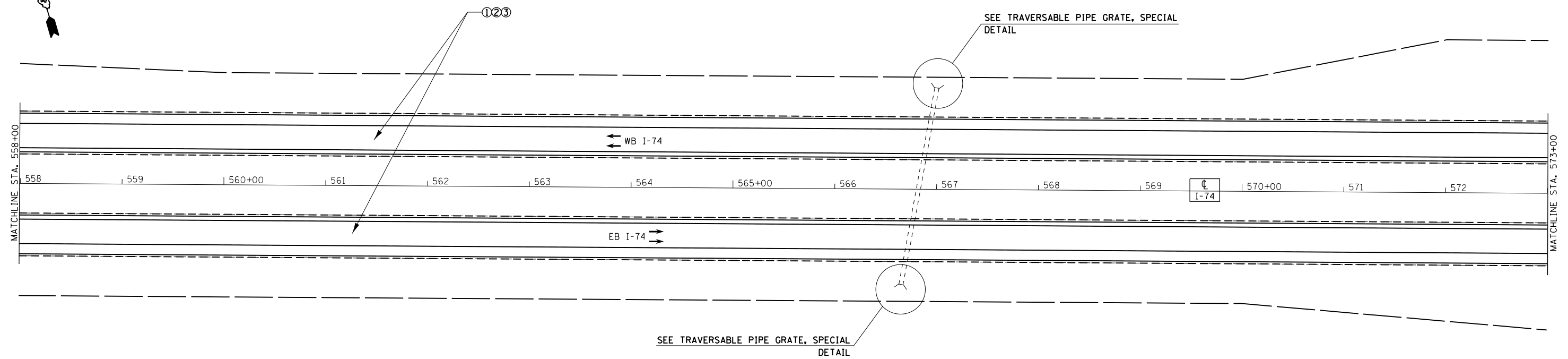
• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht:pavement.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

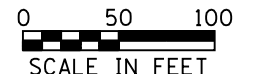
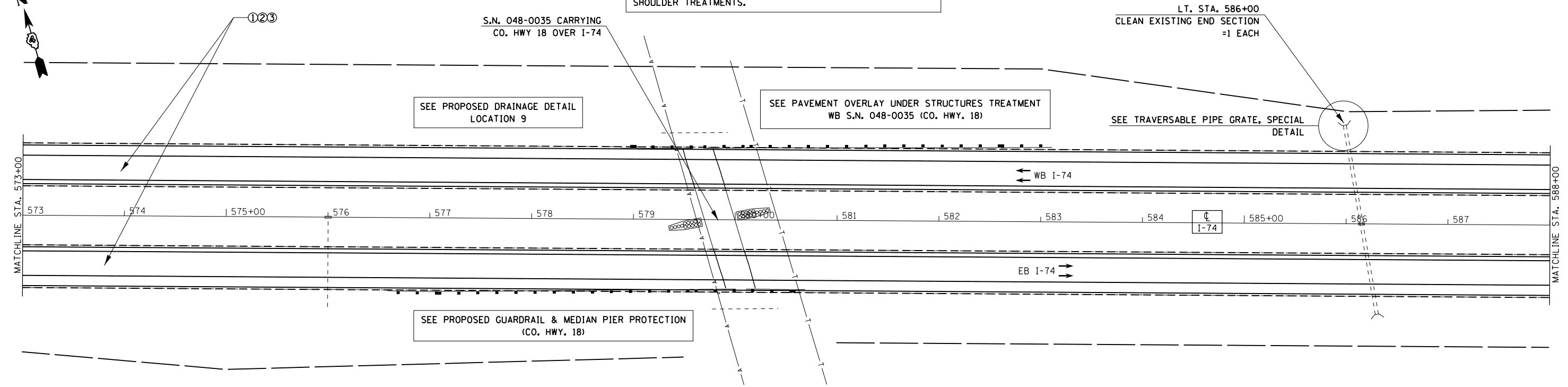
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	43
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME =
D468507-sh1-pavement.dgn
Default

USER NAME = keithbr
PLOT SCALE = 100.0000' / 1" =
PLOT DATE = 10/31/2016

DESIGNED -
DRAWN -
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DATE -

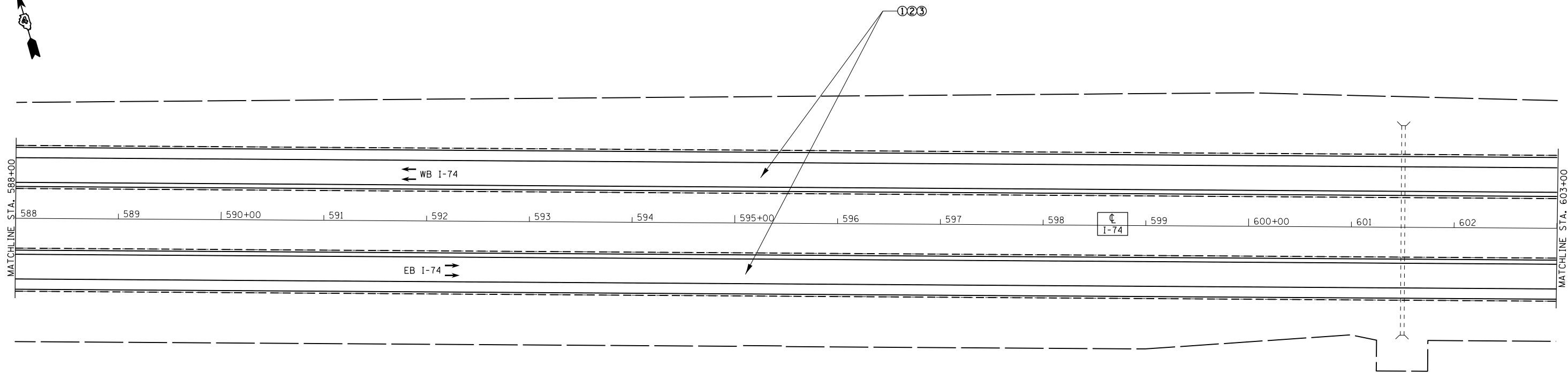
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

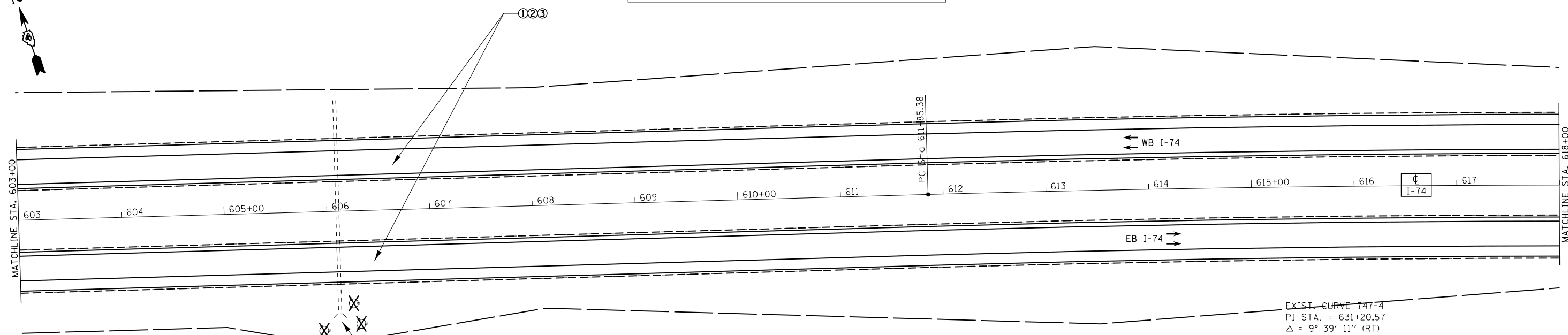
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	44
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

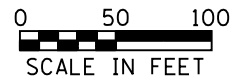


LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



RT. STA. 606+10
 TREE REMOVAL (6 TO 15 UNITS DIA.)
 3 TREES AT 9" DIA. EACH & 1 TREE AT 6" DIA.
 =33 UNITS

EXIST. CURVE 747-4
 PI STA. = 631+20.57
 Δ = 9° 39' 11" (RT)
 D = 0° 15' 00"
 R = 22,918.31'
 T = 1,935.19'
 L = 3,861.22'
 E = 81.56'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 611+85.38
 P.T. STA. = 650+46.60



FILE NAME = D468507-sht-pavement.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

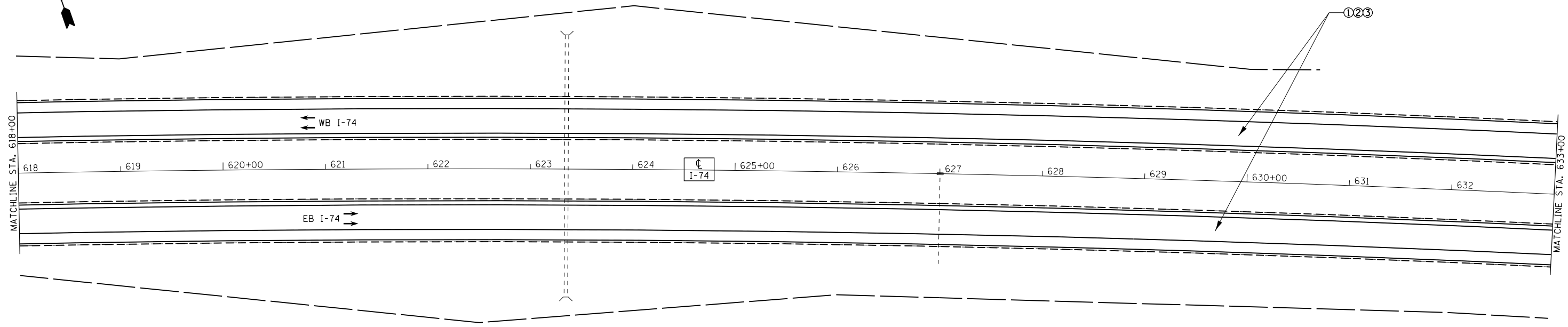
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

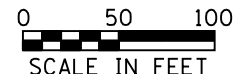
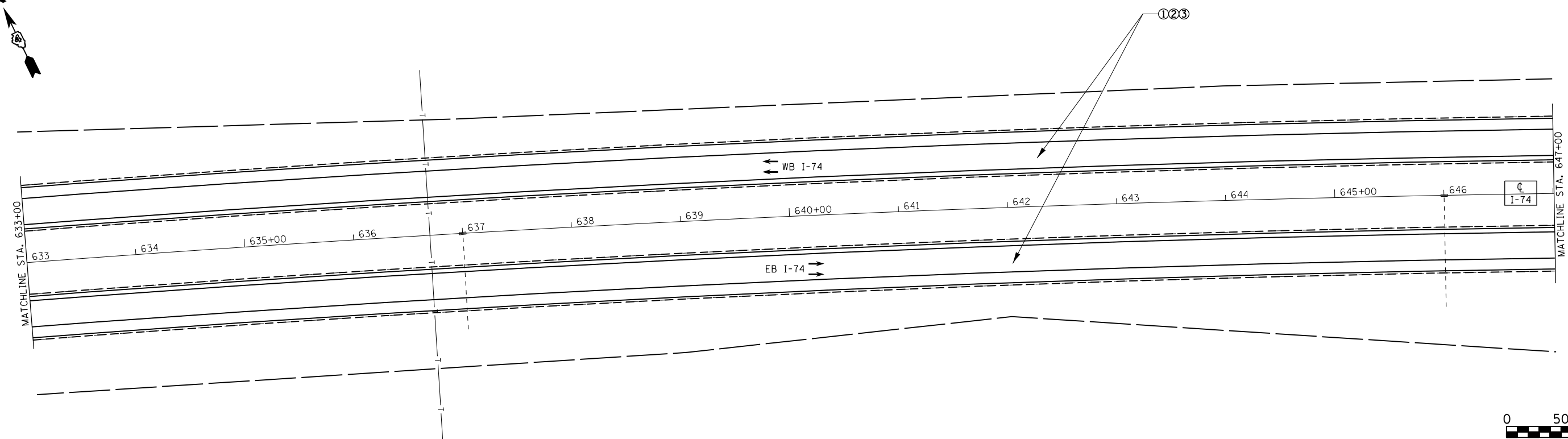
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	45
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-I29RS-7,30RS-13;72-3RS-2



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

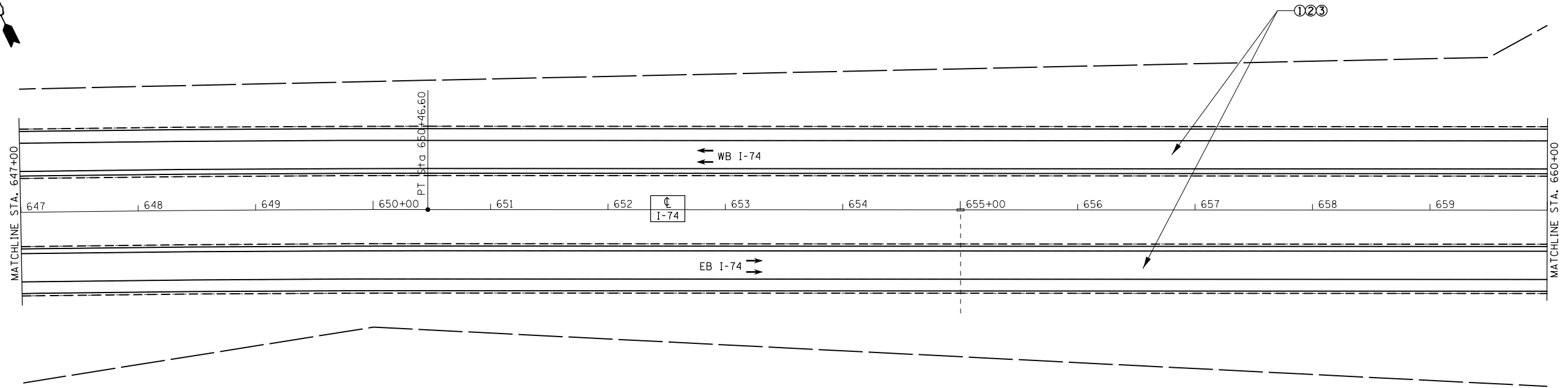
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

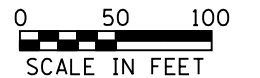
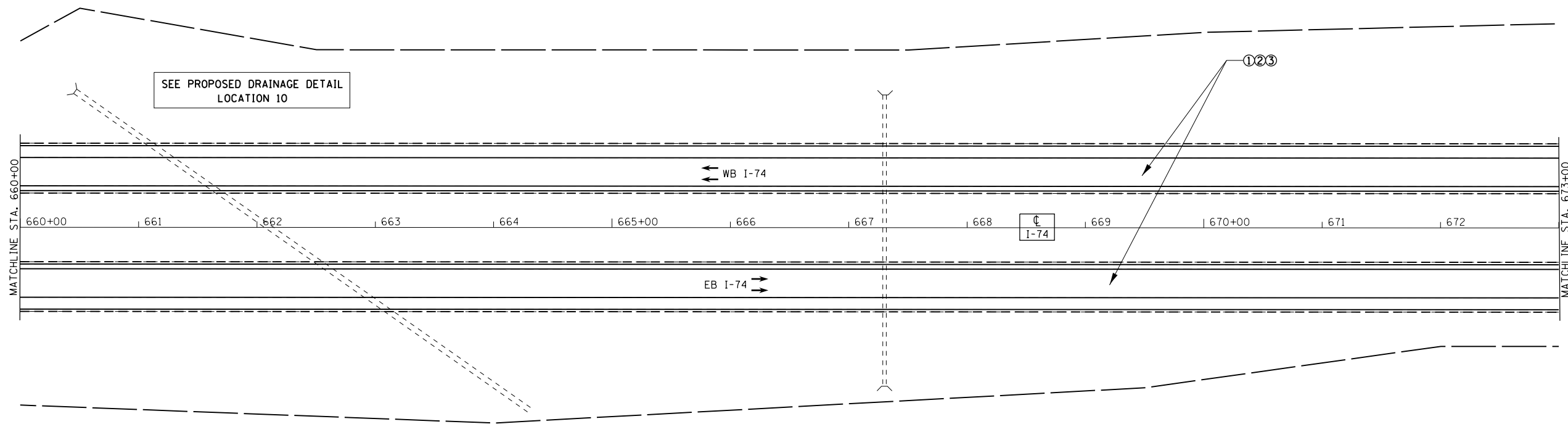
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	46
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

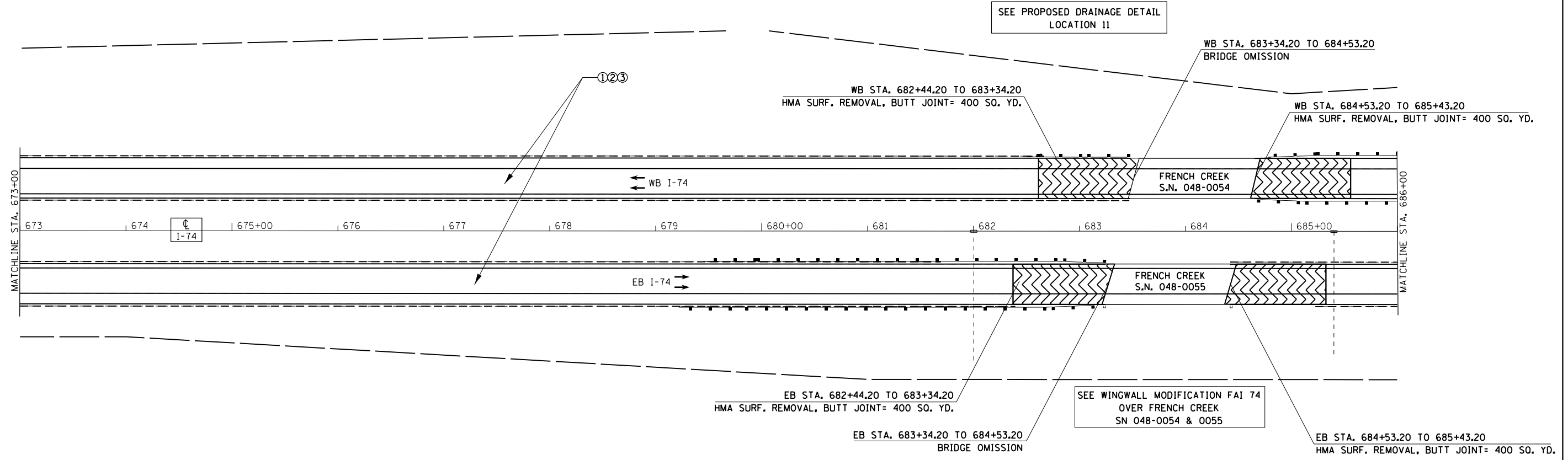
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

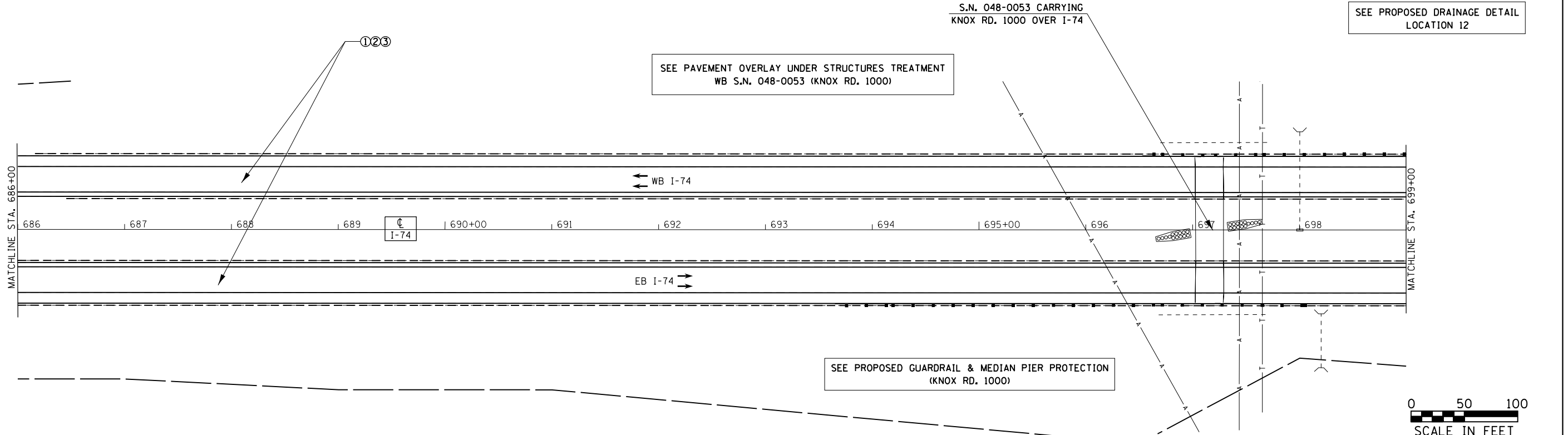
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	47
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

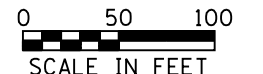


LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



SEE PAVEMENT OVERLAY UNDER STRUCTURES TREATMENT
 WB S.N. 048-0053 (KNOX RD. 1000)

SEE PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION
 (KNOX RD. 1000)



FILE NAME =
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DESIGNED -
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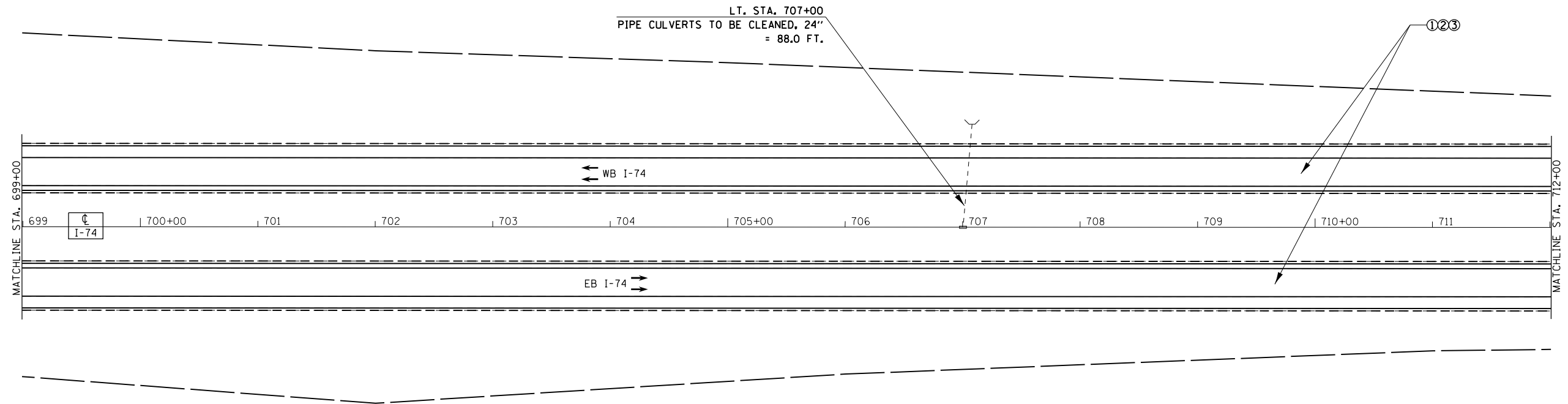
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

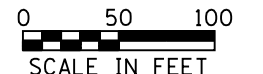
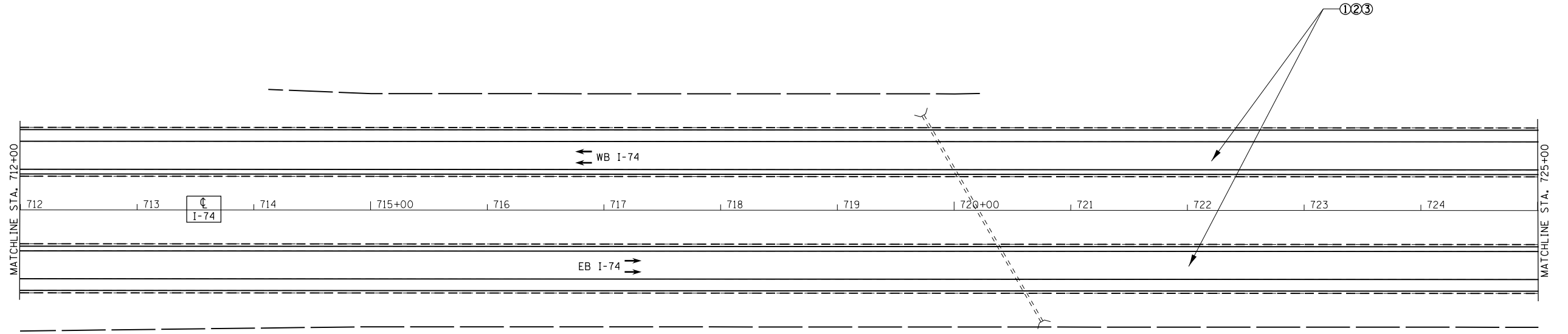
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	48
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-I29RS-7,30RS-13;72-3RS-2



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

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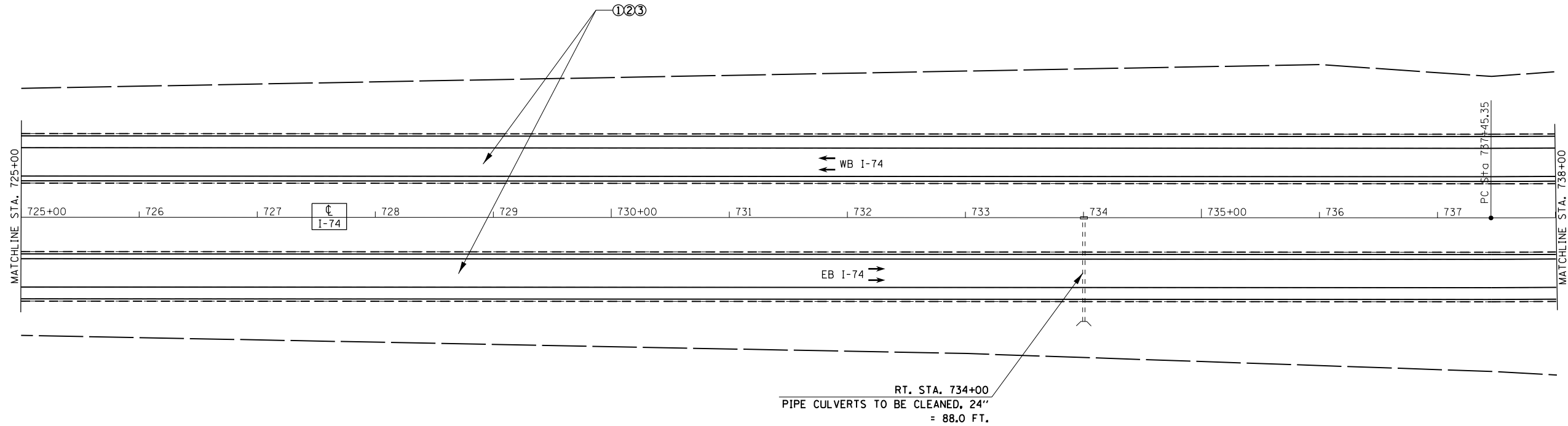
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

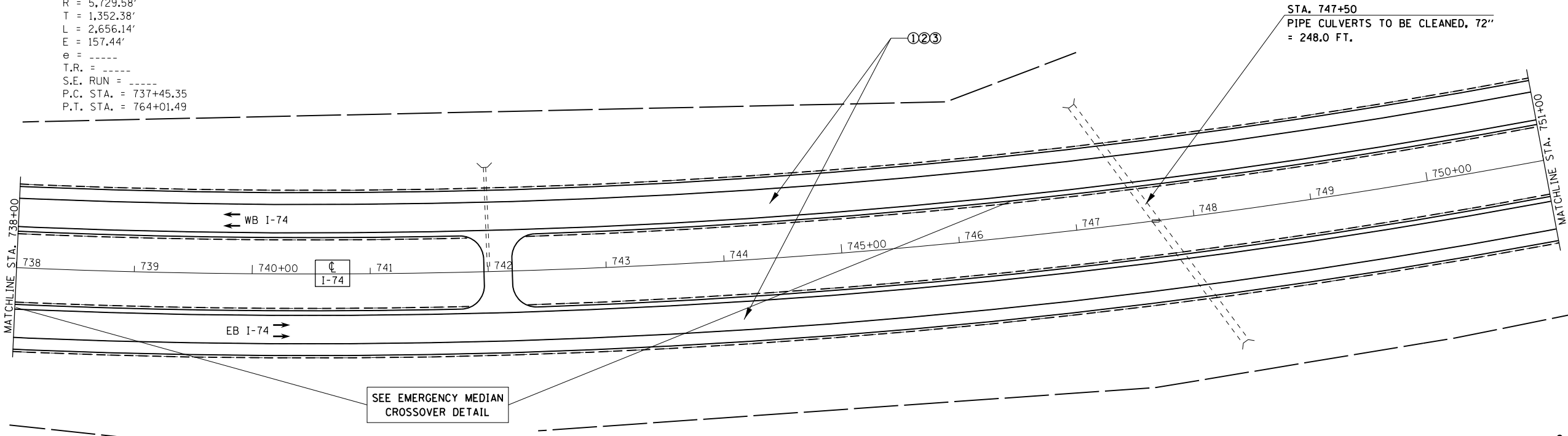
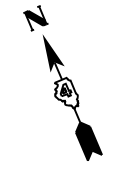
PROPOSED PLAN
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	49
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

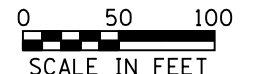


- LEGEND**
- ① HMA SURFACE REMOVAL, 3/4"
 - ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 - ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
- SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.

EXIST. CURVE 747-5
 PI STA. = 750+97.73
 $\Delta = 26^\circ 33' 41''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,352.38'$
 $L = 2,656.14'$
 $E = 157.44'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 737+45.35$
 $P.T. STA. = 764+01.49$



SEE EMERGENCY MEDIAN CROSSOVER DETAIL



FILE NAME = D468507-sht-pavement.dgn
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 PLOT DATE = 10/31/2016

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

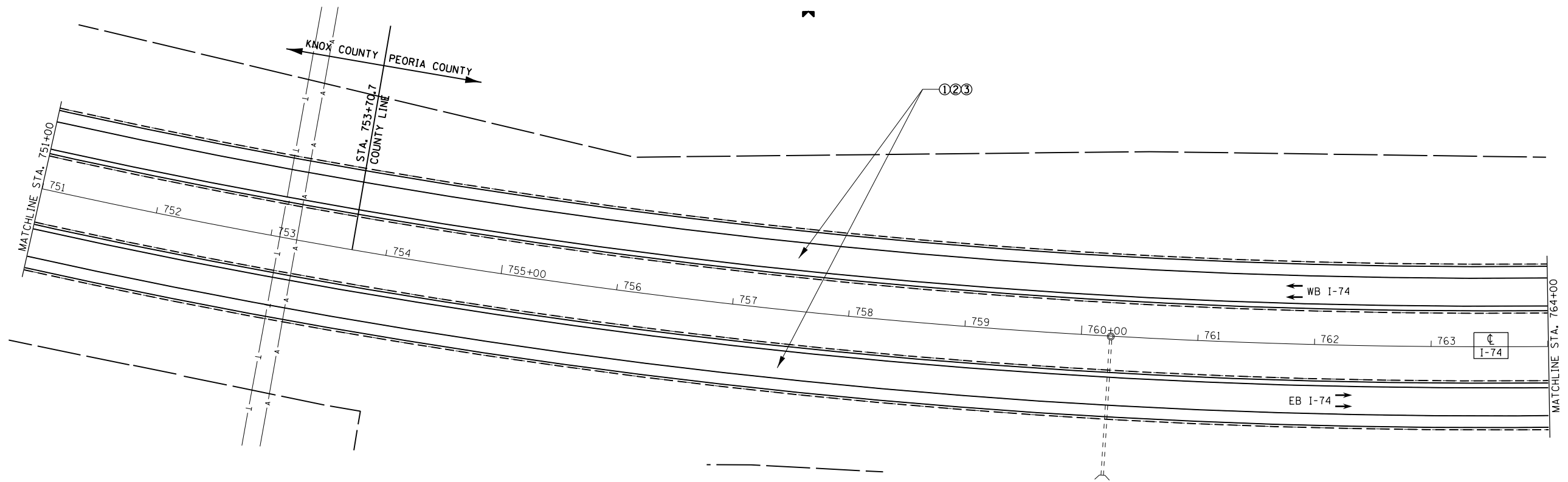
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

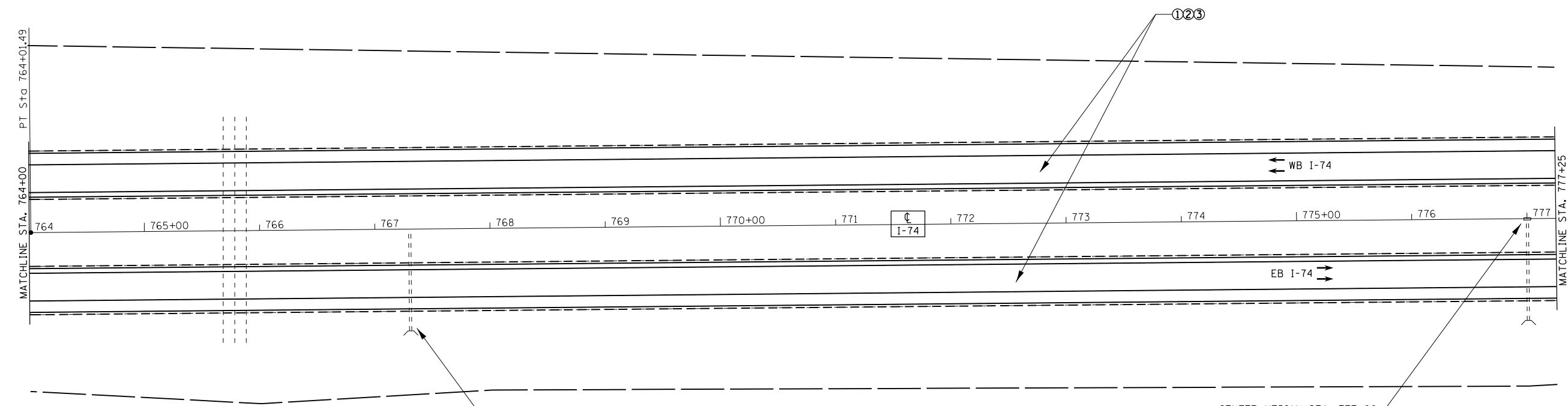
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	50
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-[29RS-7,30RS-1];72-3RS-2

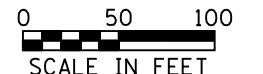


LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



RT. STA. 767+00
 TREE REMOVAL (6 TO 15 UNITS DIA.)
 1 TREE AT 6" DIA.
 =6 UNITS

CENTER MEDIAN STA. 777+00
 SEE PROPOSED DRAINAGE & EROSION CONTROL DETAIL
 LOCATION 13



• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME =
 D468507-sht-pavement.dgn
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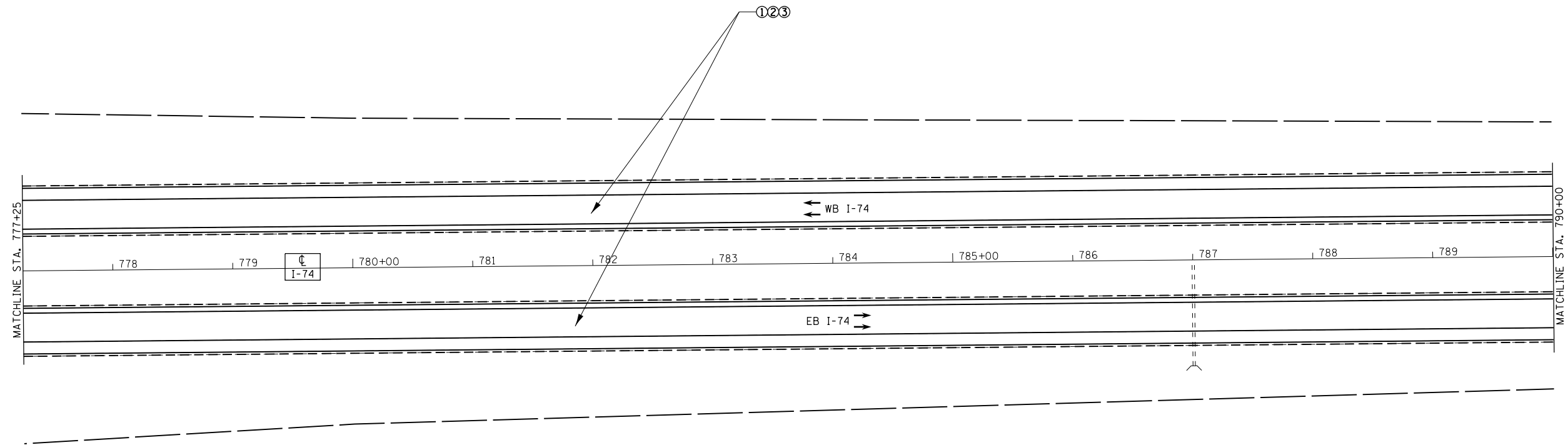
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

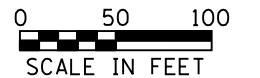
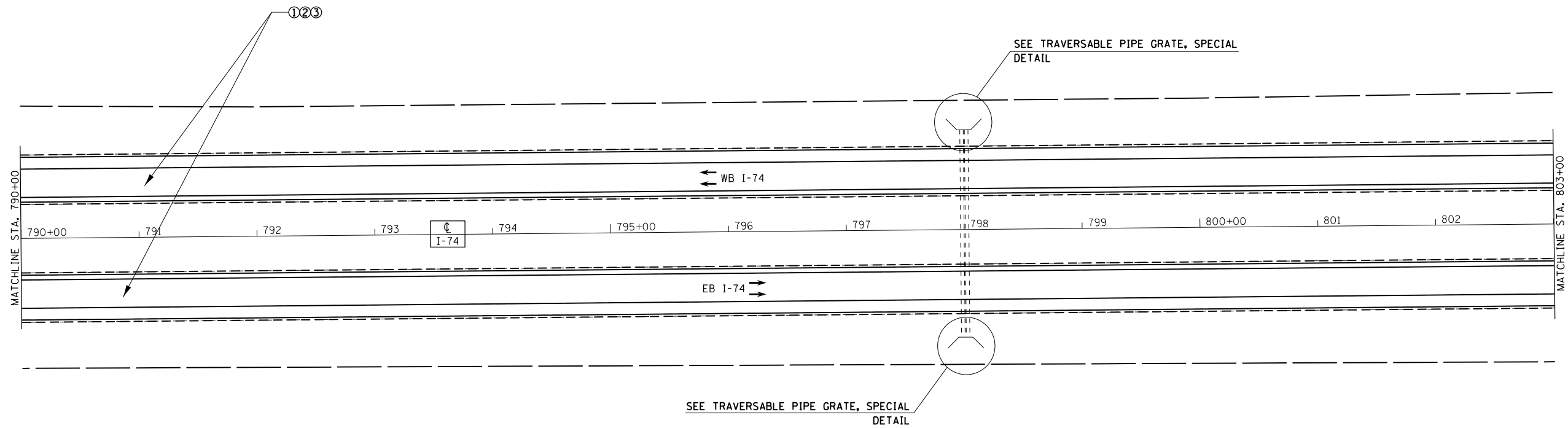
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	51
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME =
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PLOT DATE = 10/31/2016

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DATE -

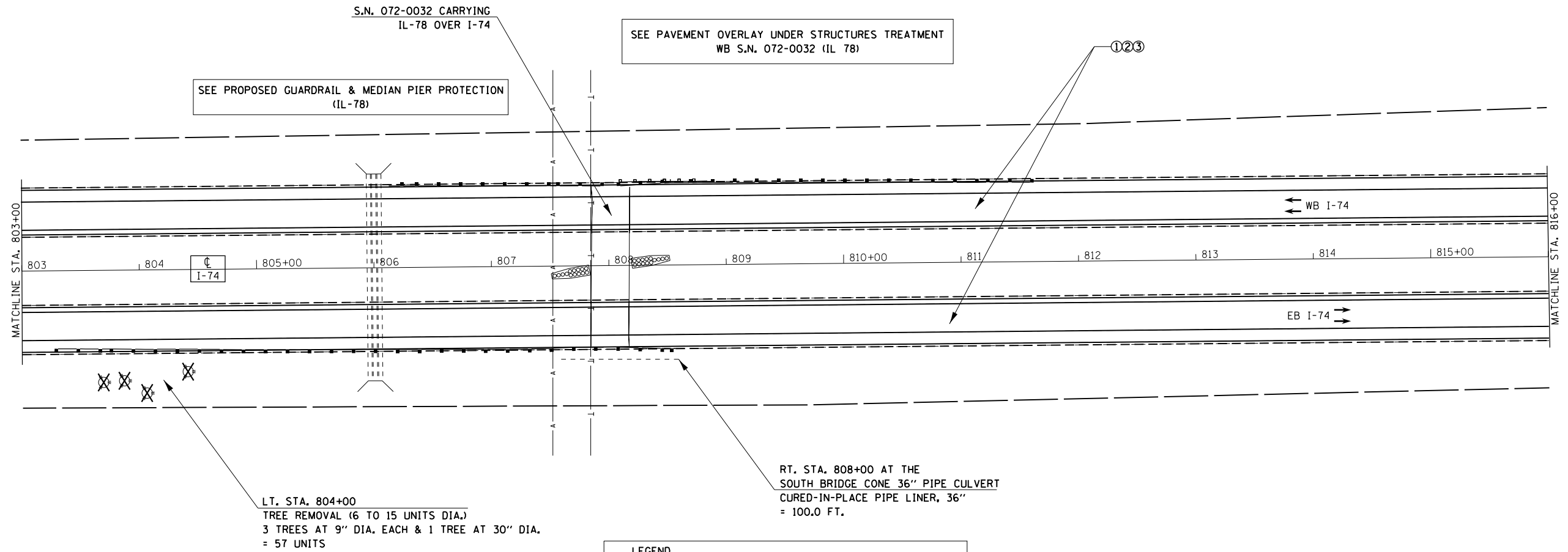
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	52
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



SEE PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION (IL-78)

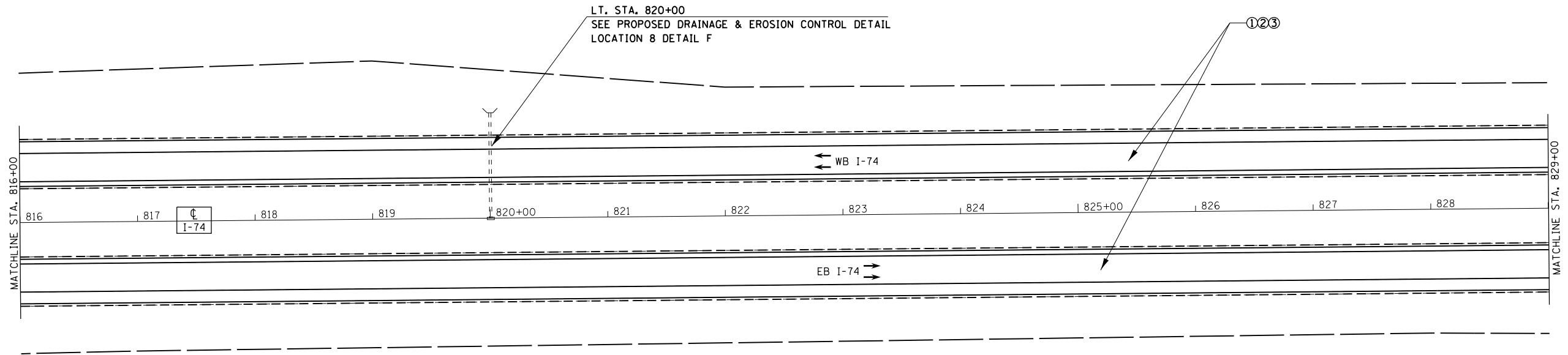
S.N. 072-0032 CARRYING IL-78 OVER I-74

SEE PAVEMENT OVERLAY UNDER STRUCTURES TREATMENT WB S.N. 072-0032 (IL 78)

LT. STA. 804+00
TREE REMOVAL (6 TO 15 UNITS DIA.)
3 TREES AT 9" DIA. EACH & 1 TREE AT 30" DIA.
= 57 UNITS

RT. STA. 808+00 AT THE SOUTH BRIDGE CONE 36" PIPE CULVERT CURED-IN-PLACE PIPE LINER, 36" = 100.0 FT.

LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



LT. STA. 820+00
SEE PROPOSED DRAINAGE & EROSION CONTROL DETAIL LOCATION 8 DETAIL F



• 48-[29RS-7,30RS-1];72-3RS-2

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PLOT DATE = 10/31/2016

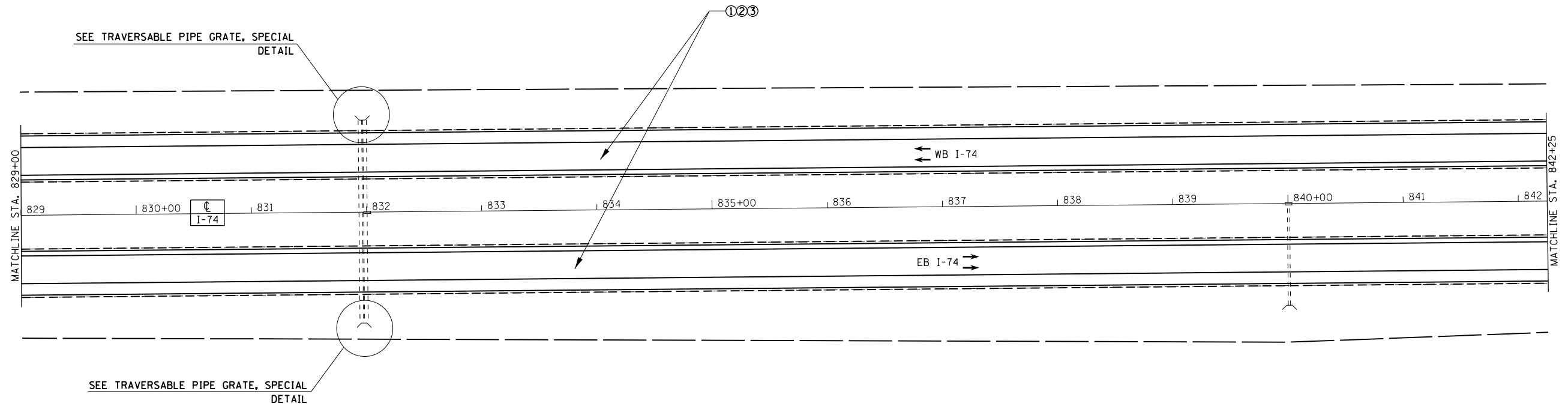
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

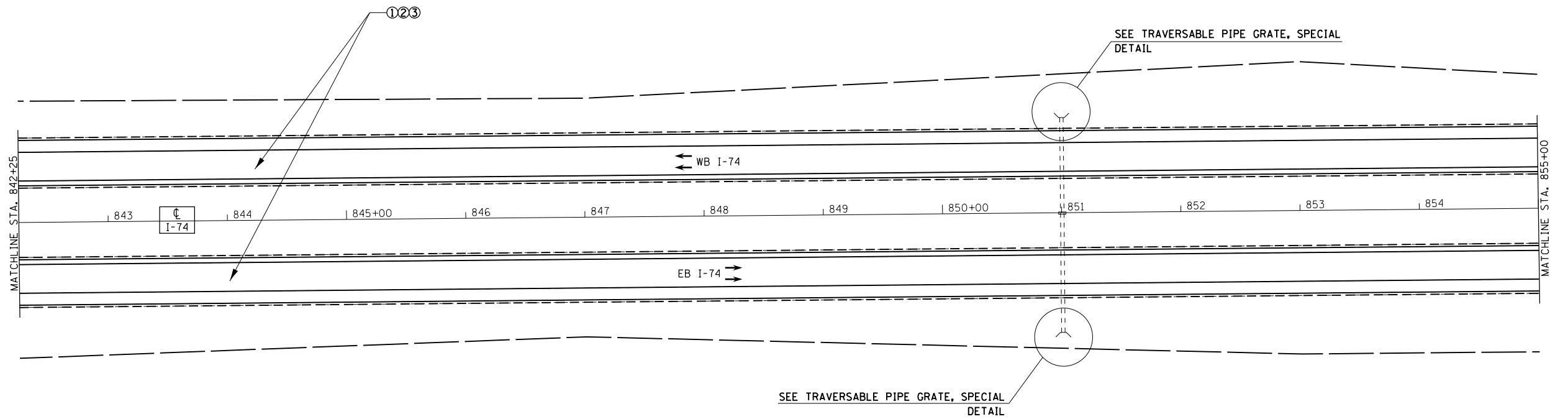
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	53
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

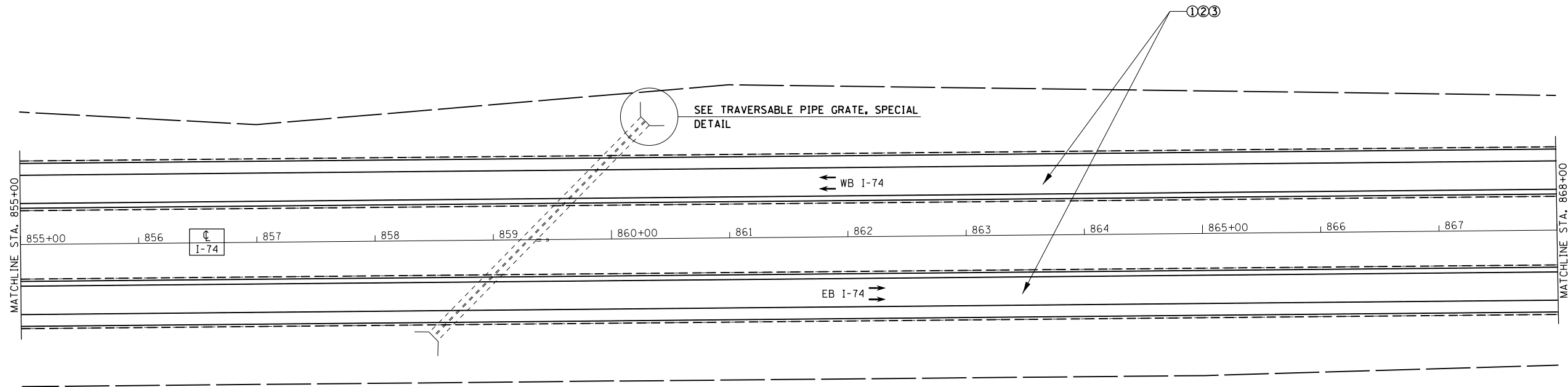
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

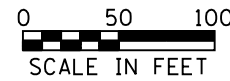
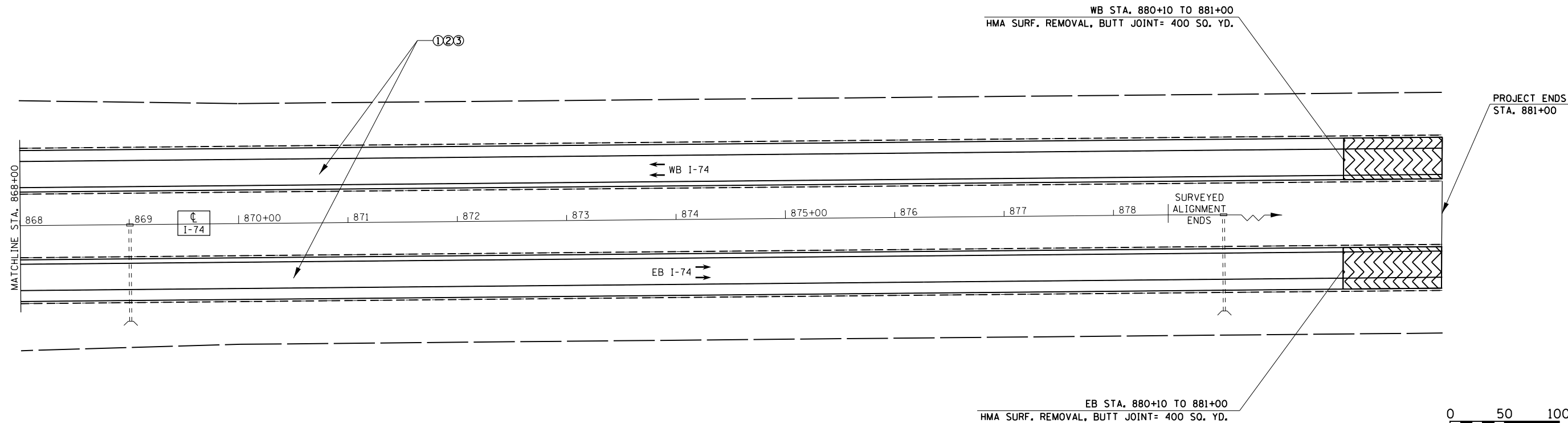
PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	54
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LEGEND
 ① HMA SURFACE REMOVAL, 3/4"
 ② POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"
 ③ POLY. HMA SURF. COURSE, SMA, 12.5 N80, 2"
 SEE TYPICALS AND SCHEDULE OF QUANTITIES FOR SHOULDER TREATMENTS.



• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME =
D468507-sht-pavement.dgn
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USER NAME = keithbr
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/31/2016

DESIGNED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	55
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

THE FOLLOWING SEQUENCE OF OPERATIONS WAS DESIGNED TO ACCOMODATE THE EDGE TRIMMING PROCESS, PAID AS HMA SURFACE REMOVAL SPECIAL, ALLOWING PAVING AGAINST CONFINED EDGES. VARIANCE FROM THIS SEQUENCE SHALL REQUIRE THE APPROVAL OF THE ENGINEER.

PRE-STAGE

PRE-STAGE

CONSTRUCTION

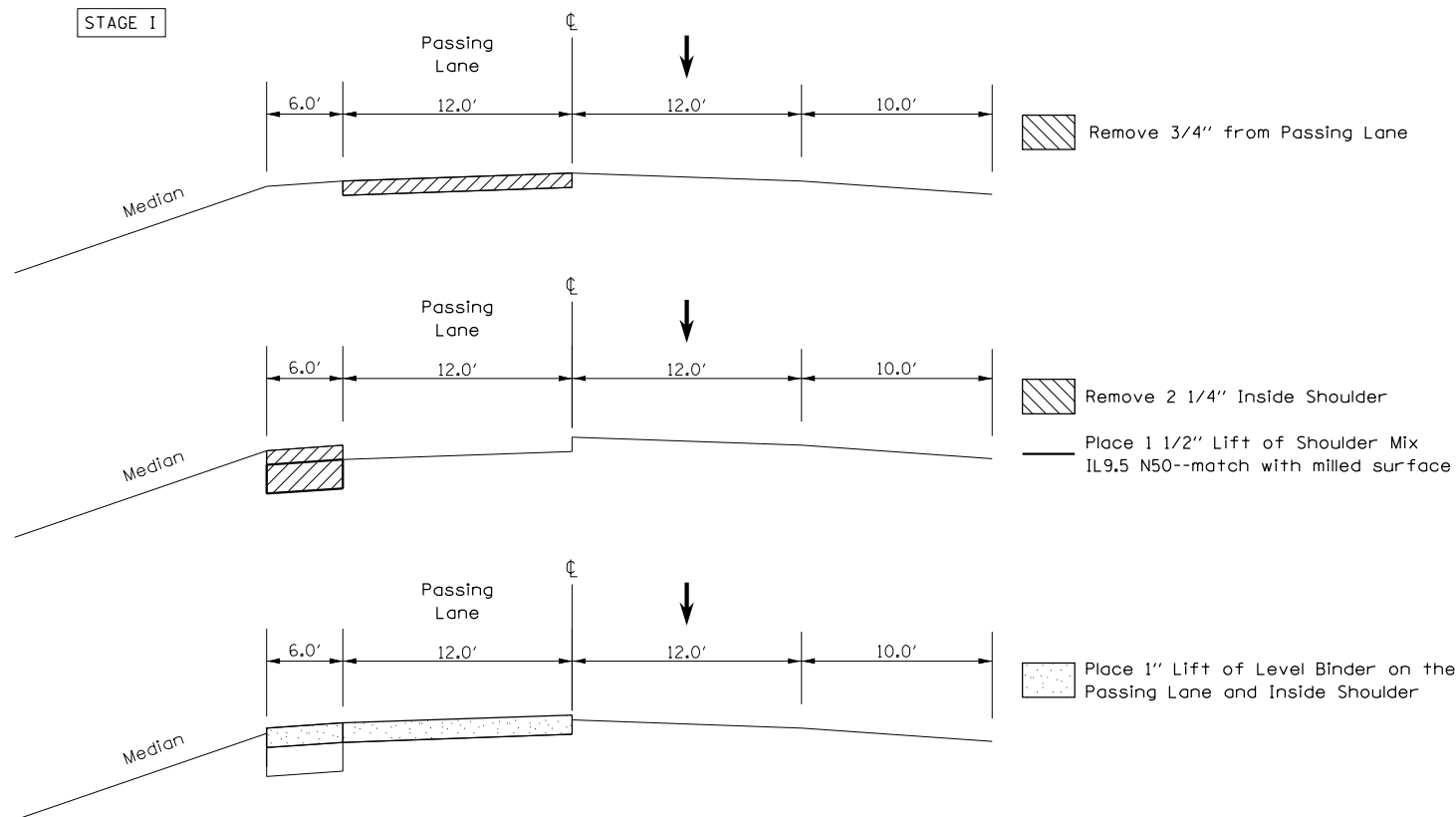
Complete Class B Patching throughout the project limits.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, 701406, & 701428.

Ramps to be patched under one or a combination of the following Traffic Control and Protection Standards: 701411, 701451, 701456

WESTBOUND LANES REPRESENTED



STAGE I

PURPOSE

Milling and placement of HMA Leveling Binder on Passing Lane and Inside Shoulder improvements.

CONSTRUCTION

Remove existing RPM's within the allowed closure.

Mill 3/4" on the Passing Lane

Mill 2 1/4" on the Inside Shoulder and replace with 1 1/2" of IL 9.5 N50 Shoulder Mix

Place 1" HMA Leveling Binder on the Passing Lane and Inside Shoulder.

Place short-term pavement markings, 4" on Centerline and Edge Line per Art. 703.03.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

Proposed improvements to Ramps to be completed using Traffic Control and Protection Standards 701411, 701451, & 701456.

• 48-[29RS-7,30RS-1];72-3RS-2

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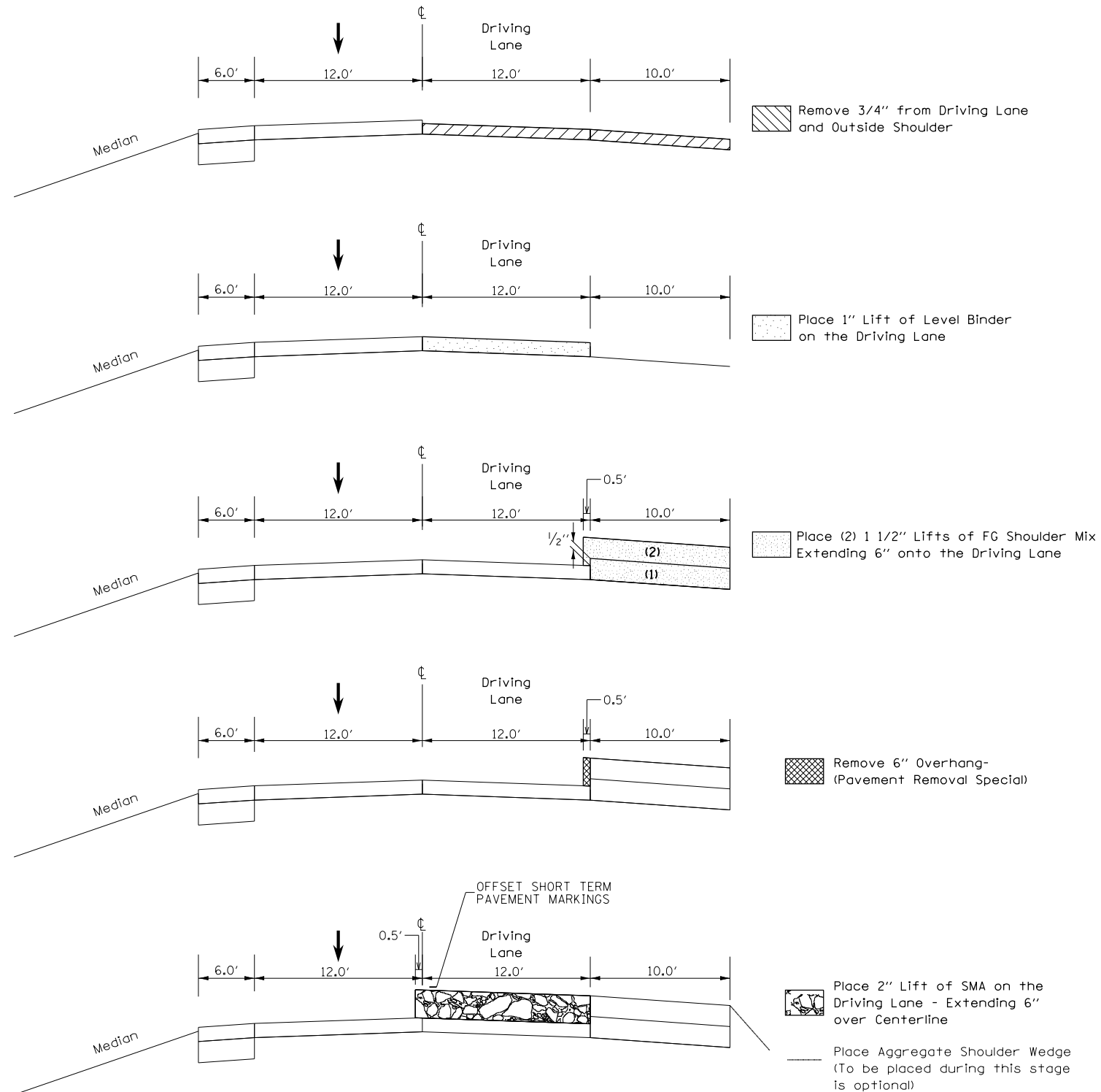
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	56
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

STAGE II



STAGE II

PURPOSE

Complete the milling, placement of Leveling Binder, SMA Surface, and HMA Shoulders on the Driving Lane and Outside Shoulder.

CONSTRUCTION

Mill 3/4" on Driving Lane and Outside Shoulder.

Place 1" HMA Leveling Binder on Driving Lane.

Place 2 lifts of 1 1/2" each of Fine Grade Shoulder Mix on the Outside Shoulders, extending 6" into the Driving Lane for the top lift.

Joint Trim the Driving Lane/Outside Shoulder Joint.

Place 2" of SMA on the Driving Lane, extending 6" onto the Passing Lane.

Place short-term pavement markings, 4" on Centerline and Edge Line per Art. 703.03.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

Proposed Improvements to Ramps to be completed using Traffic Control and Protection Standards 701411, 701451, & 701456.

Proposed Improvements to the EB Truck Lane use Traffic Control and Protection Standard 701446.

If the contractor chooses to place Aggregate Shoulders during this stage, Traffic Control and Protection Standard 701406 is to be utilized.

48-[29RS-7,30RS-1];72-3RS-2

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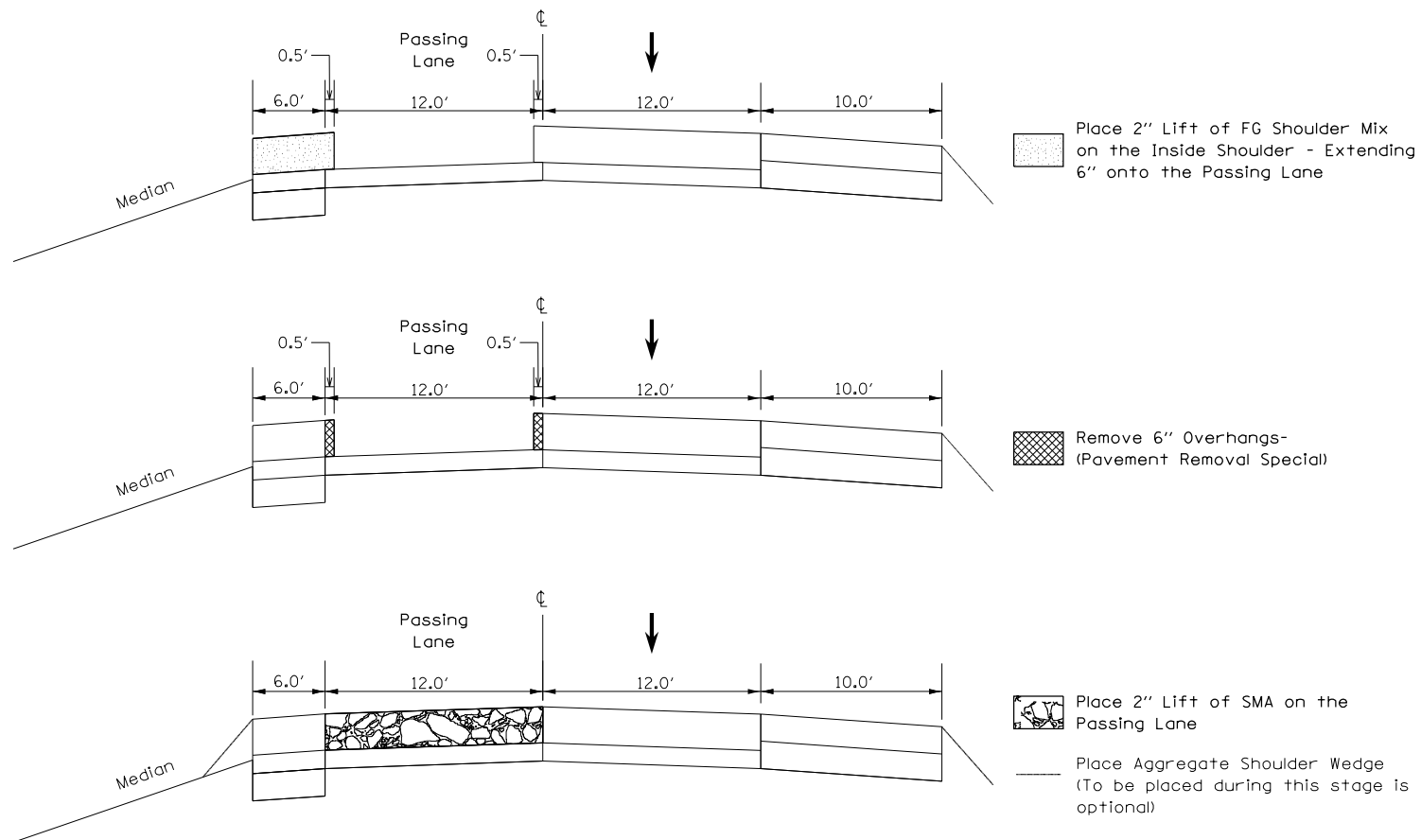
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	57
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

STAGE III



STAGE III

PURPOSE

Complete SMA Surface Course and final HMA Shoulder lift on the Inside Shoulder and Passing Lane.

CONSTRUCTION

Place 2" of Fine Grade HMA Shoulder on the Inside Shoulder, extending 6" onto the Passing Lane.

Joint Trim the Passing Lane/Inside Shoulder Joint and the Passing Lane/Driving Lane Joint.

Place 2" SMA on the Passing Lane.

Place short-term pavement markings, 4" on Edge Line per Art. 703.03.

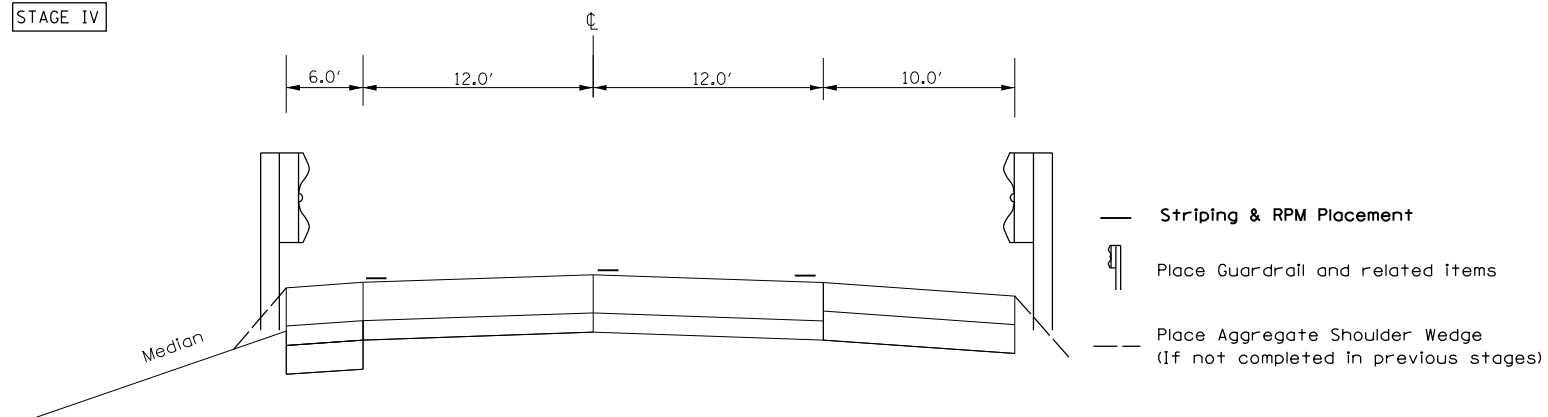
TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

Proposed Ramp Improvements to be completed using Traffic Control and Protection Standards 701411, 701451, & 701456.

If the contractor chooses to place Aggregate Shoulders during this stage, Traffic Control and Protection Standard 701406 is to be utilized.

STAGE IV



STAGE IV

PURPOSE/CONSTRUCTION

Complete Jobsite Striping, placement of Aggregate Shoulders (if not previously completed in stage II & III), and installation of Guardrail and related items.

TRAFFIC

Complete this work utilizing Traffic Control and Protection Standards 701400, 701406, 701426, & 701428.

Proposed Ramp Improvements to be completed using Traffic Control and Protection Standards 701411, 701451, & 701456

• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

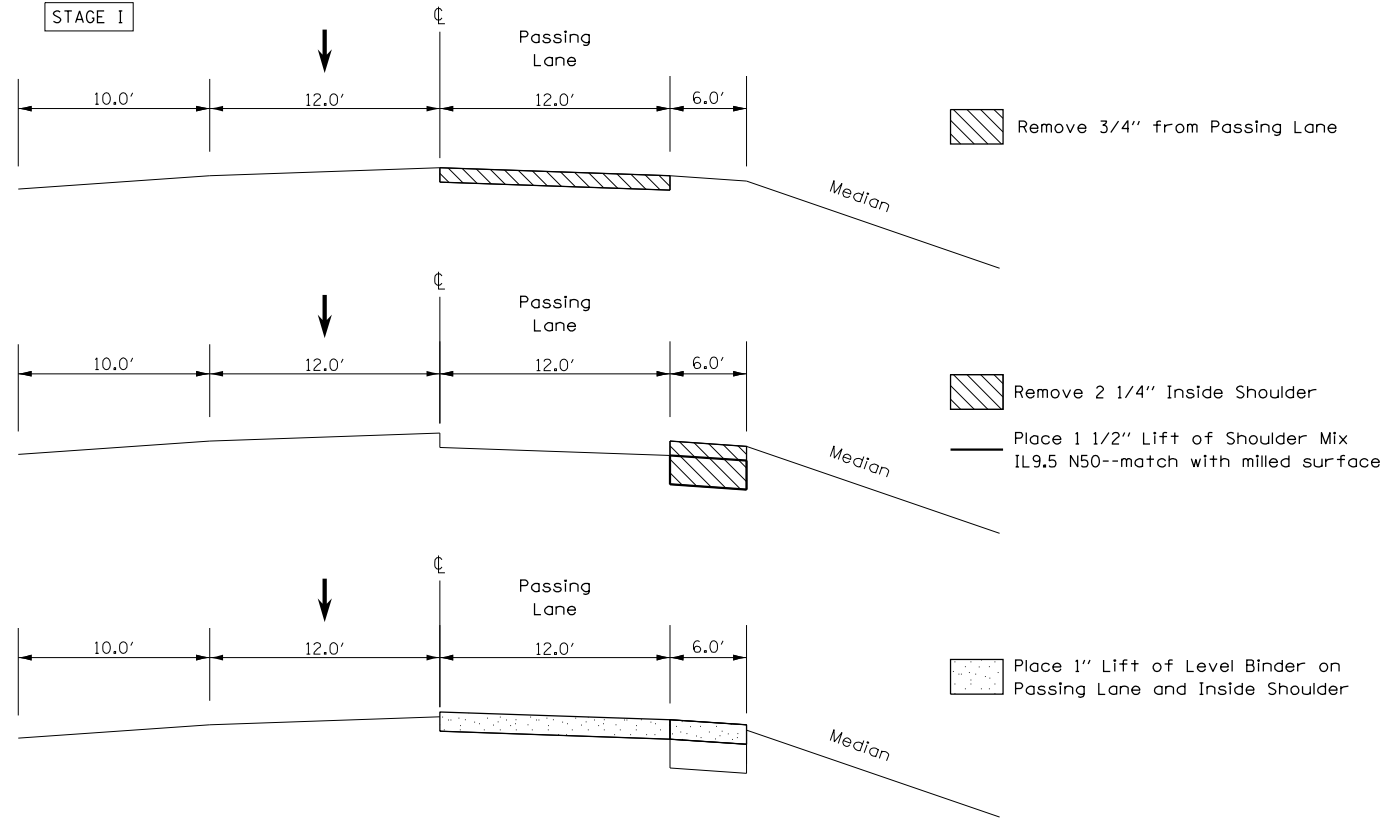
SEQUENCE OF OPERATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

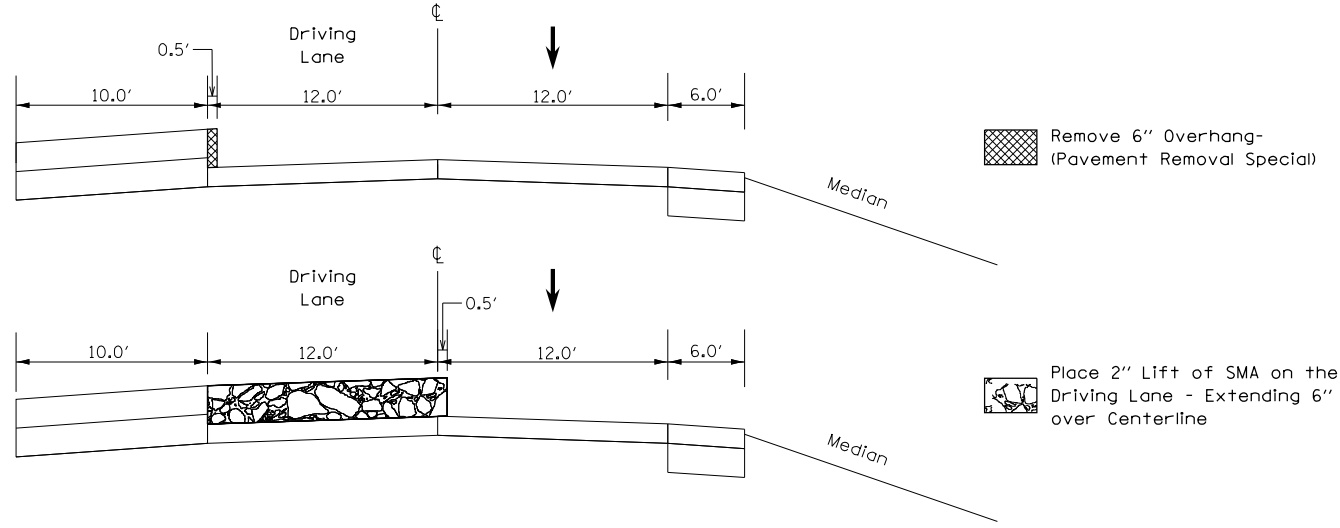
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	58
				CONTRACT NO. 68507
ILLINOIS FED. AID PROJECT				

EASTBOUND LANES

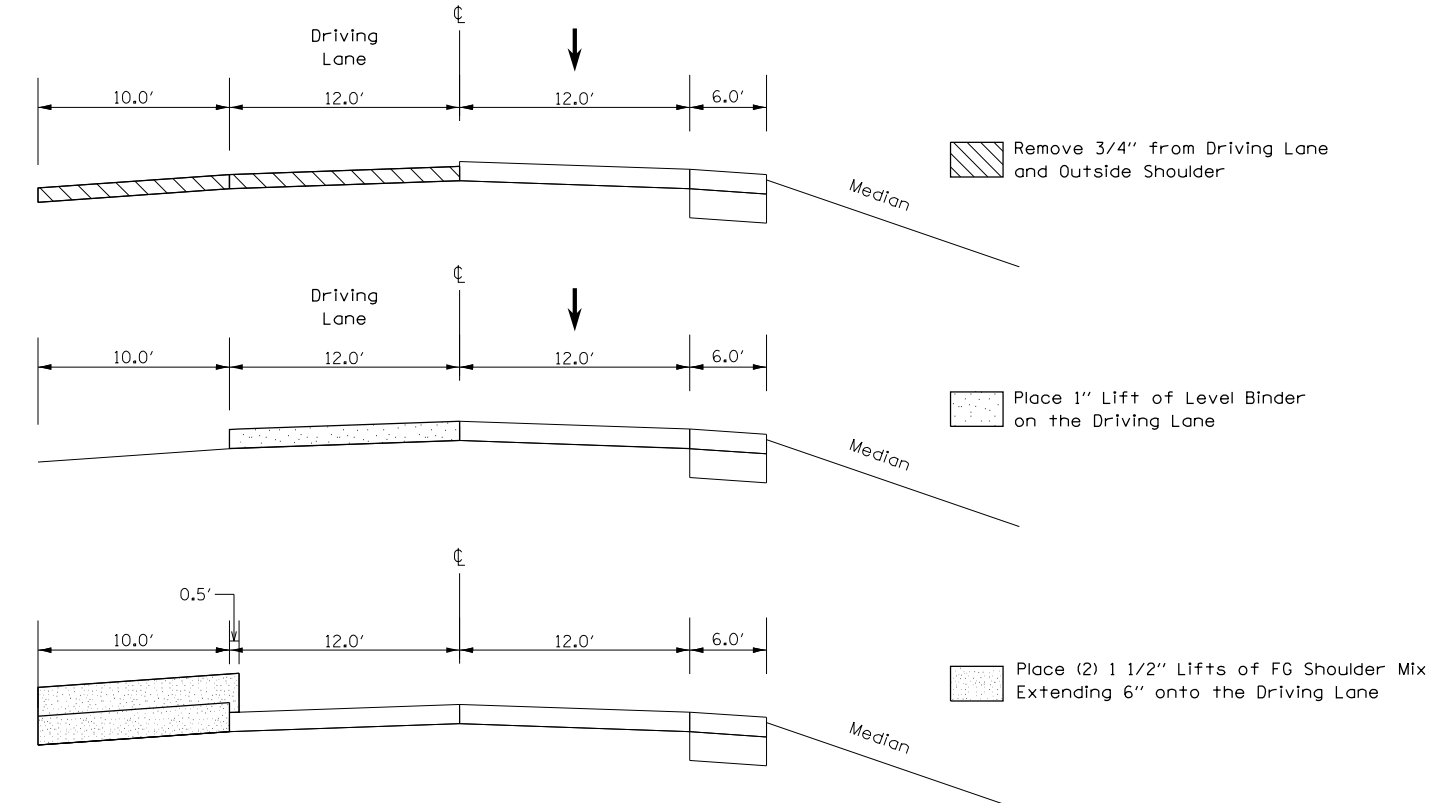
STAGE I



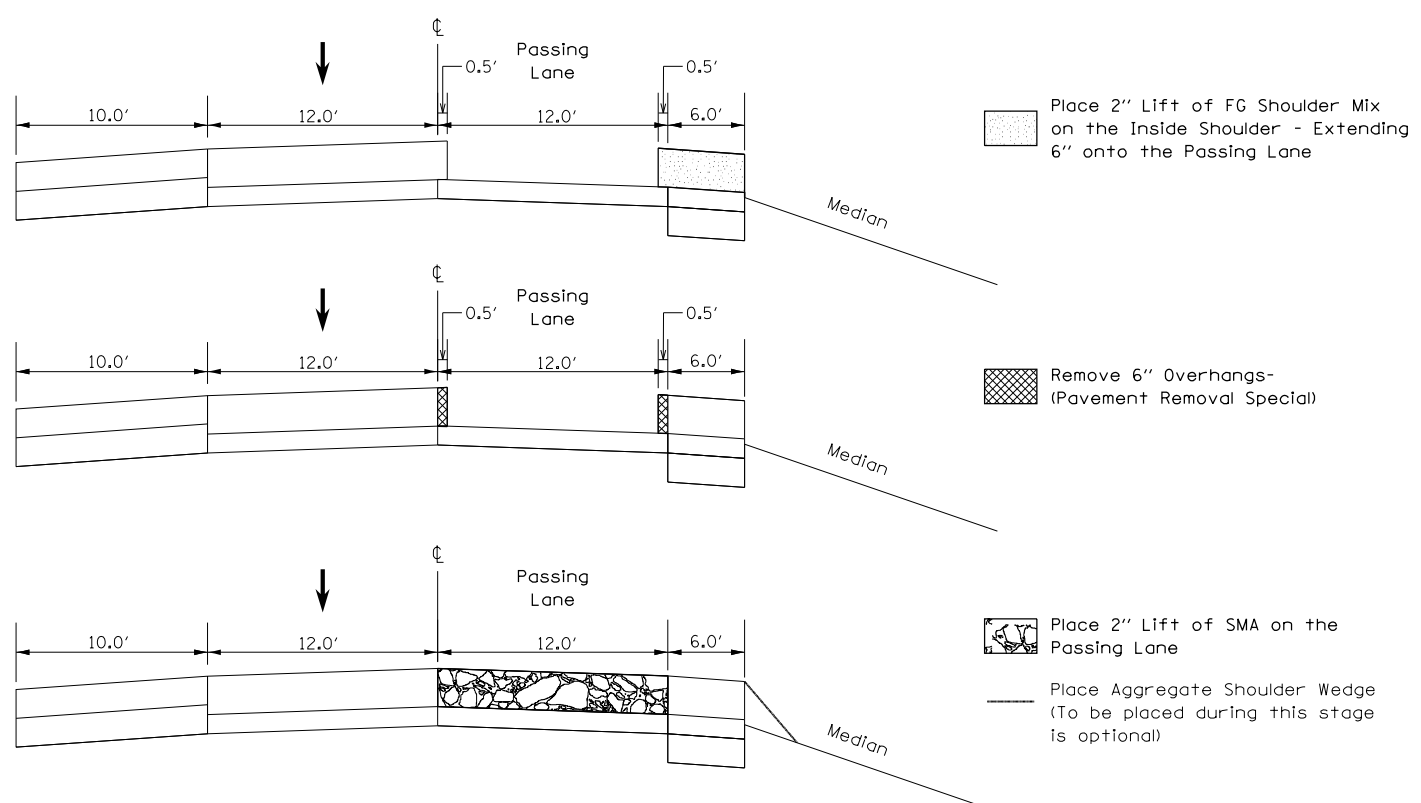
STAGE II CONT.



STAGE II



STAGE III



48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1".	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

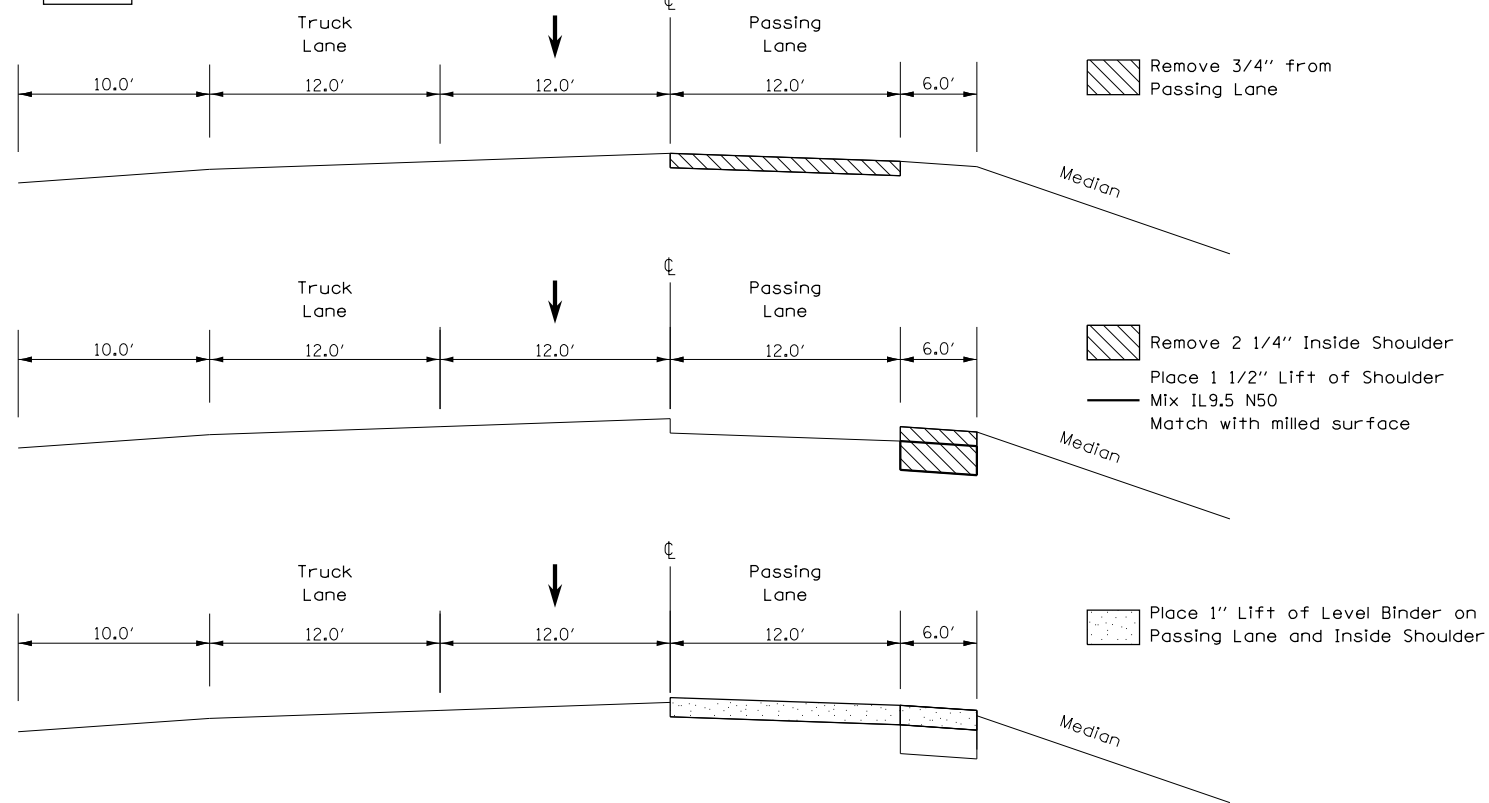
SEQUENCE OF OPERATIONS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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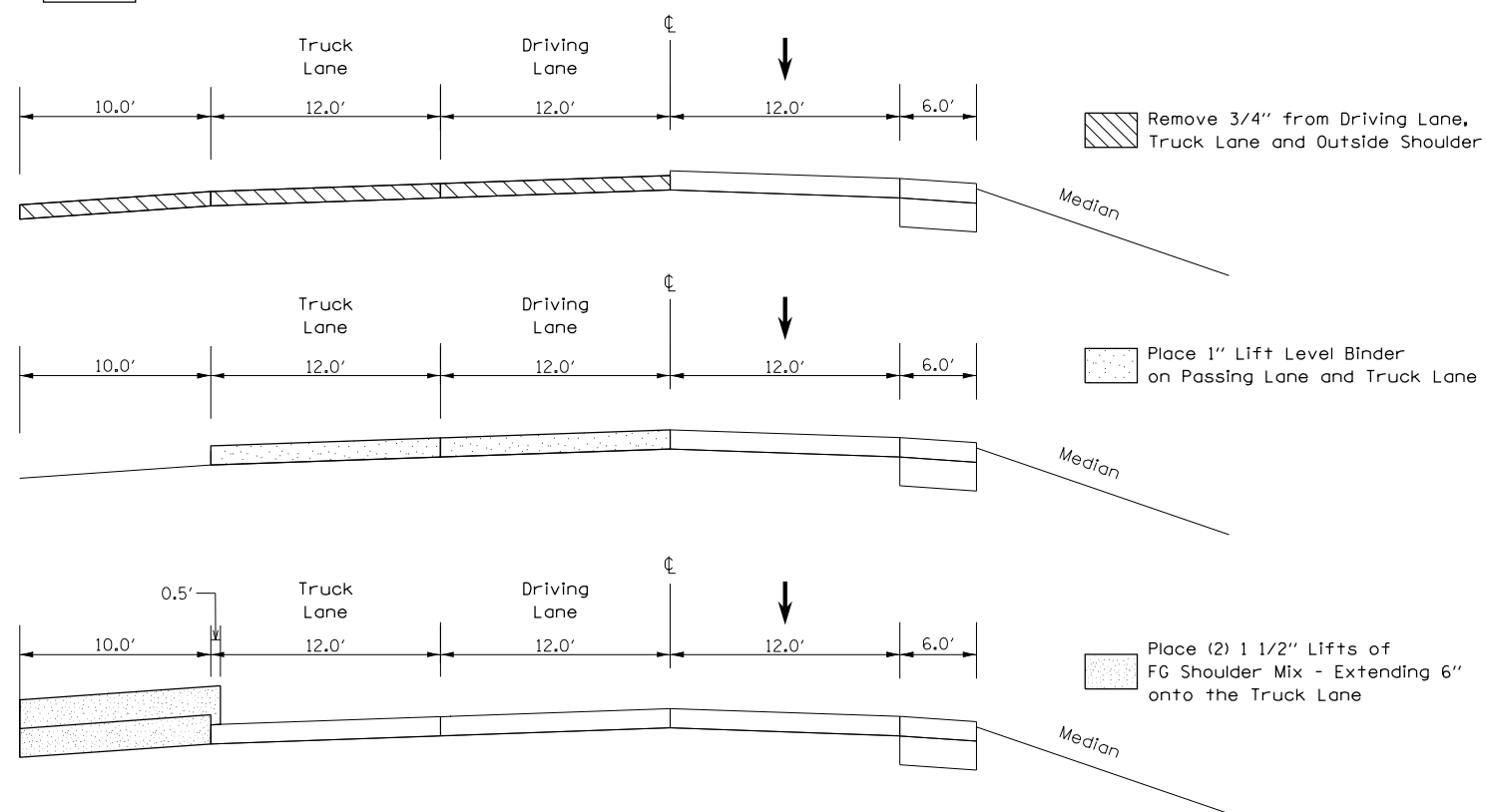
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	59
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

EASTBOUND TRUCK LANE

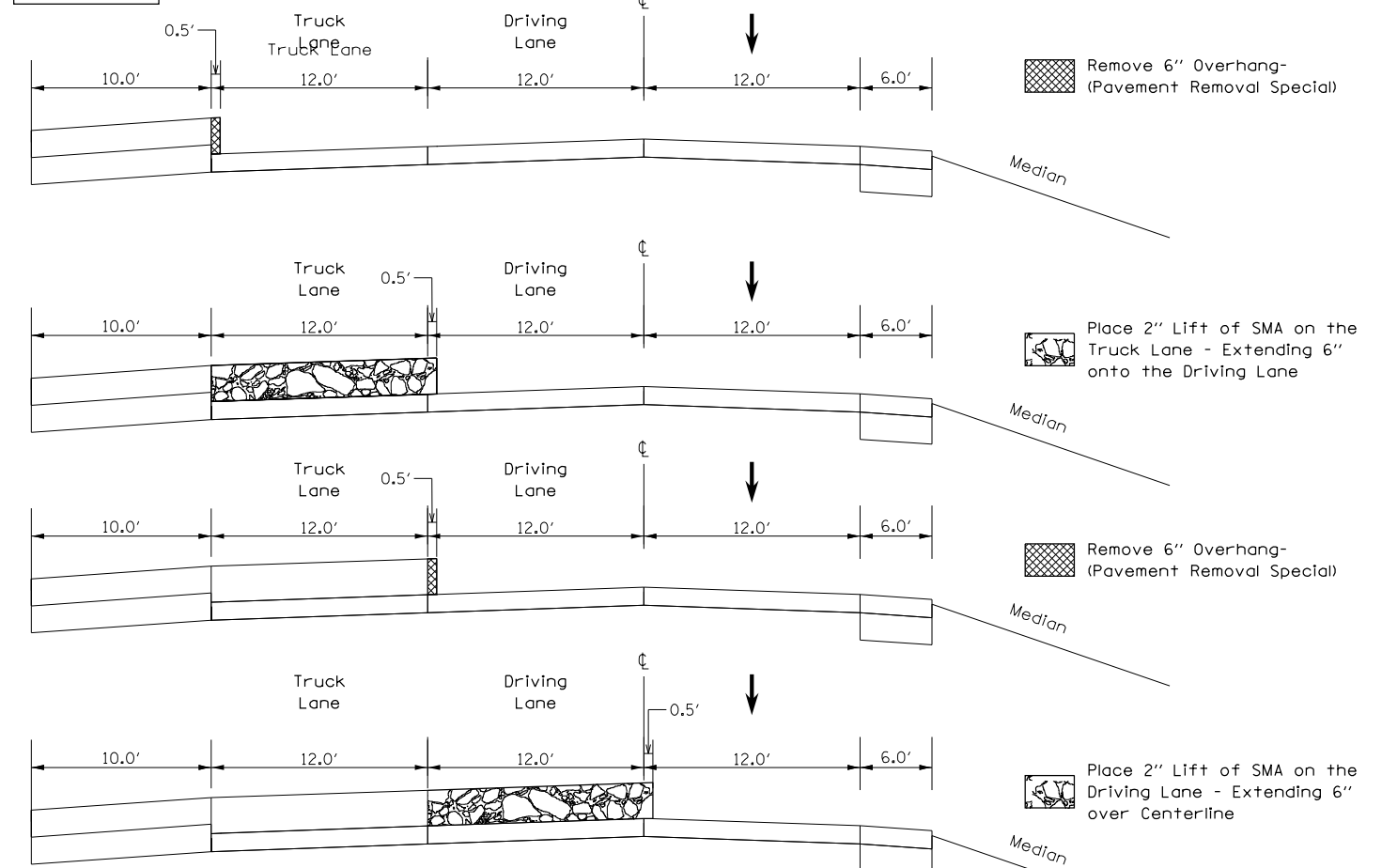
STAGE I



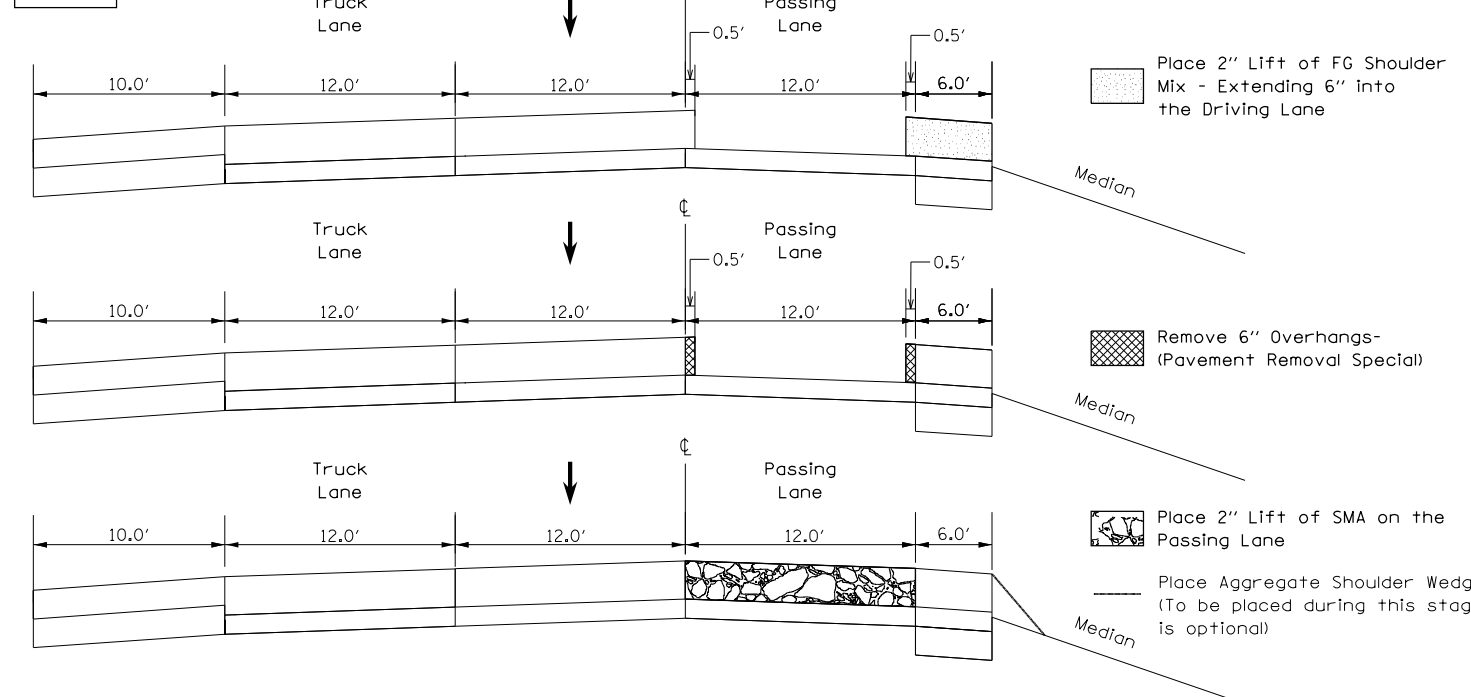
STAGE II



STAGE II CONT.



STAGE III



48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

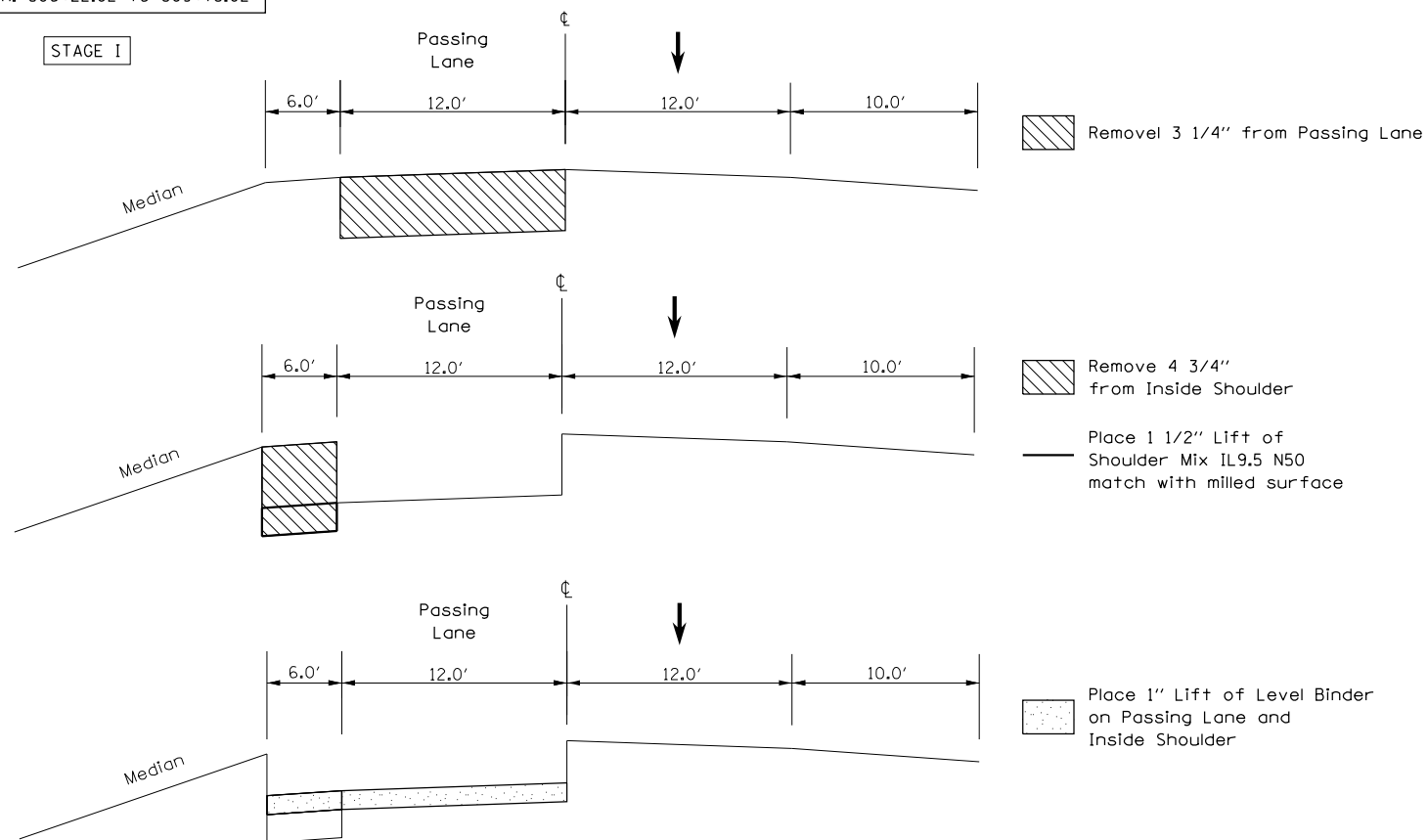
SCALE: SHEET OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	60
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

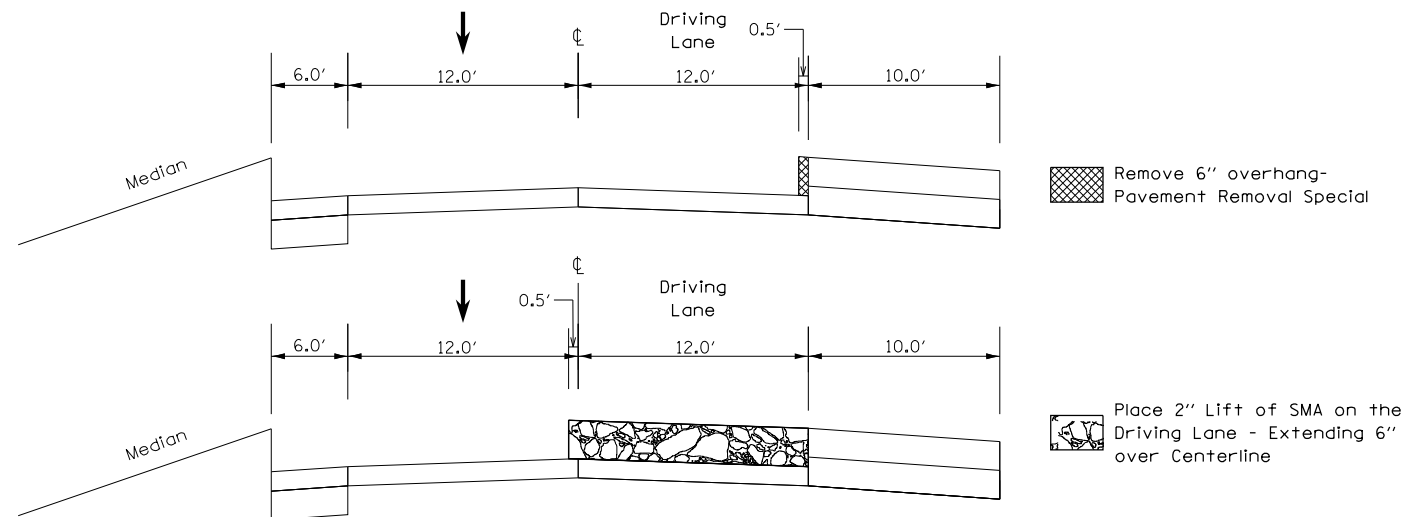
Westbound Lanes Only
Under S.N. 072-0032 (IL 78)
STA. 806+22.02 to 809+78.02

NOTE: 3 1/4" depth was determined from core samples. Field conditions may vary slightly. Take all HMA wearing surface off in this location.

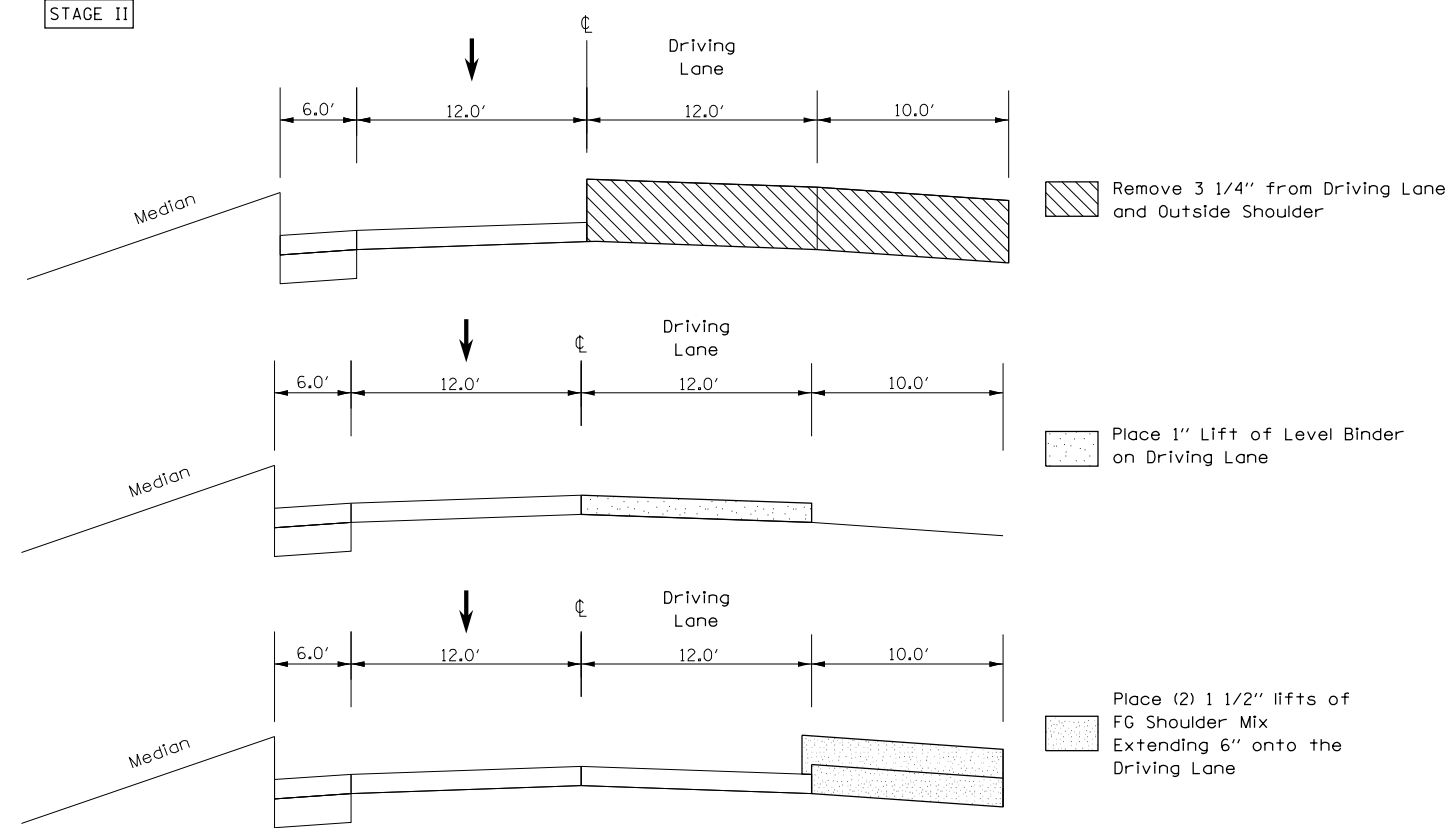
STAGE I



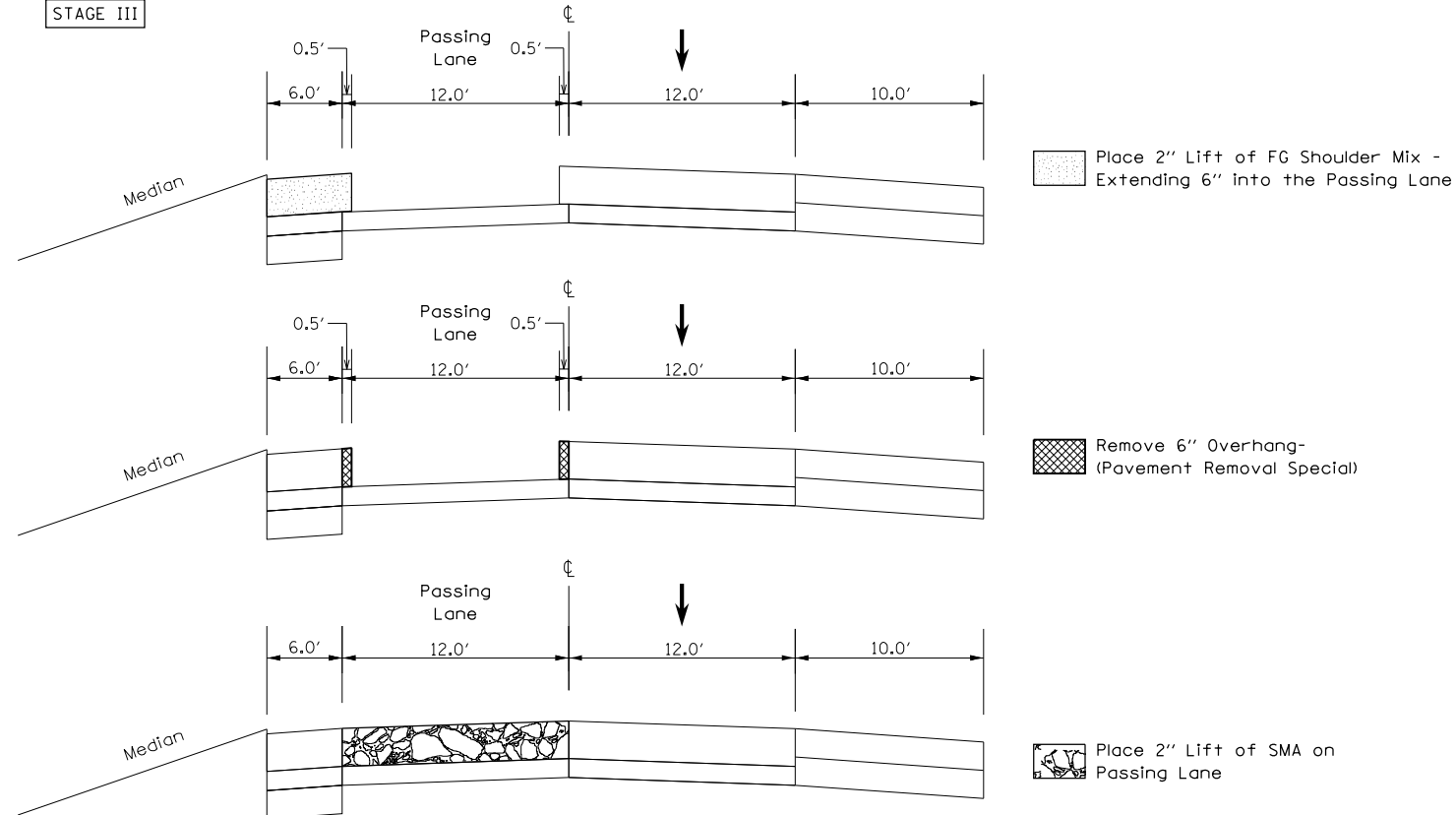
STAGE II CONT.



STAGE II



STAGE III



FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

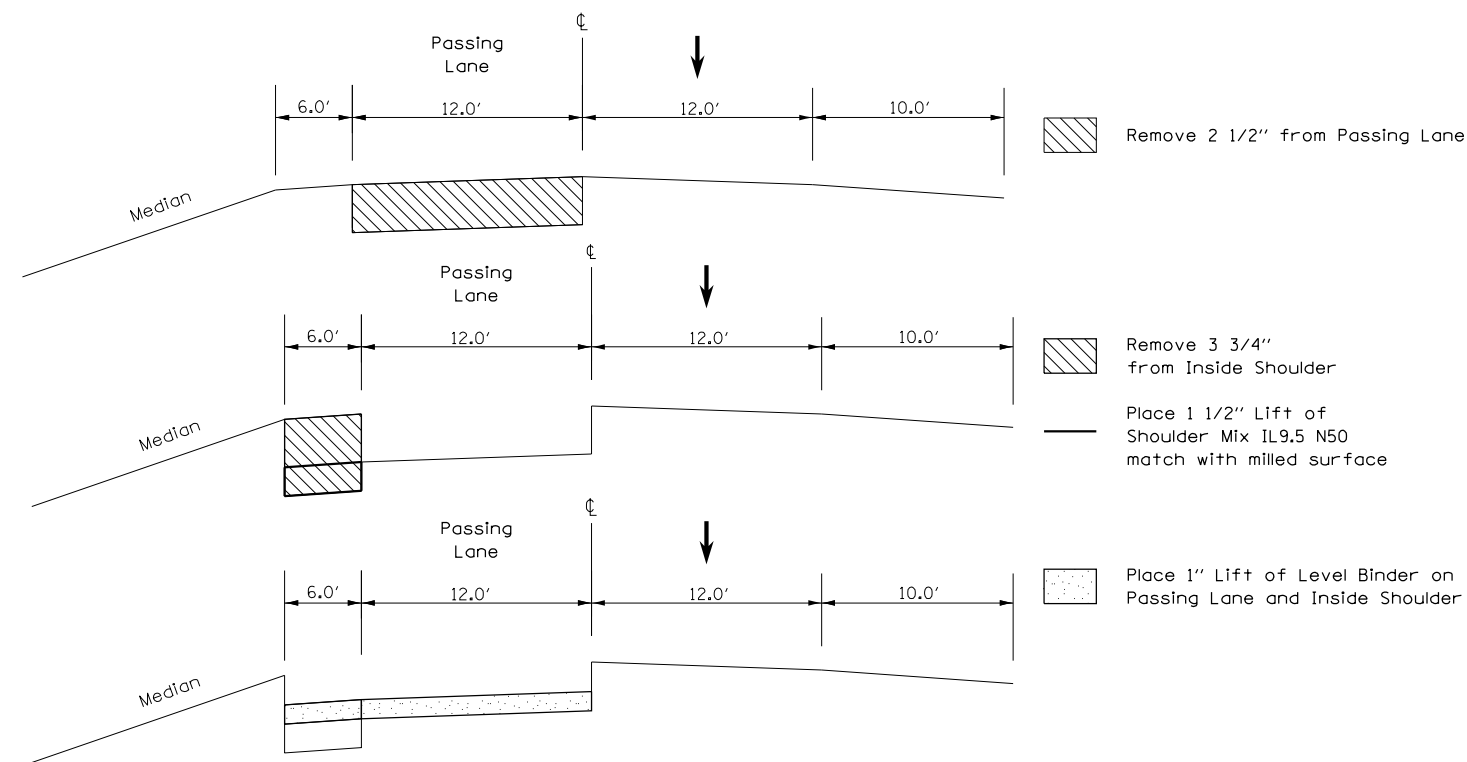
SCALE: SHEET OF SHEETS STA. TO STA.

48-(29RS-7,30RS-1);72-3RS-2			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	.	KNOX/PEORIA	124
			SHEET NO. 61
CONTRACT NO. 68507			
ILLINOIS FED. AID PROJECT			

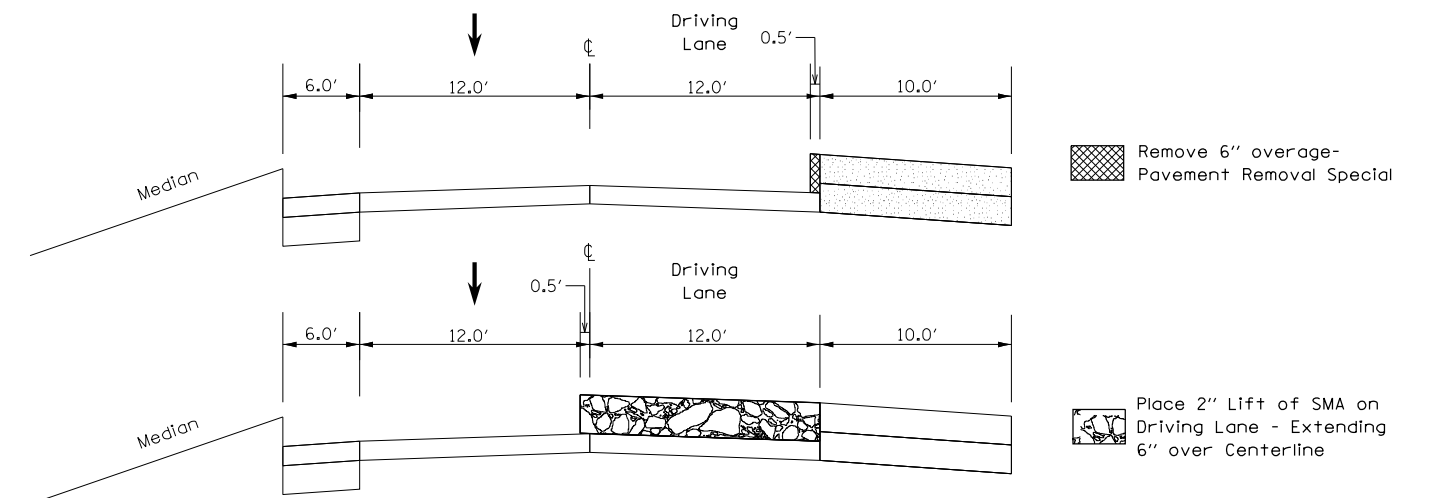
Westbound Lanes Only
Under S.N. 048-0053 (KNOX RD 1000)
STA. 695+70 to 698+60

NOTE: 2 1/2" depth was determined from core samples. Field conditions may vary slightly. Take all HMA wearing surface off in this location.

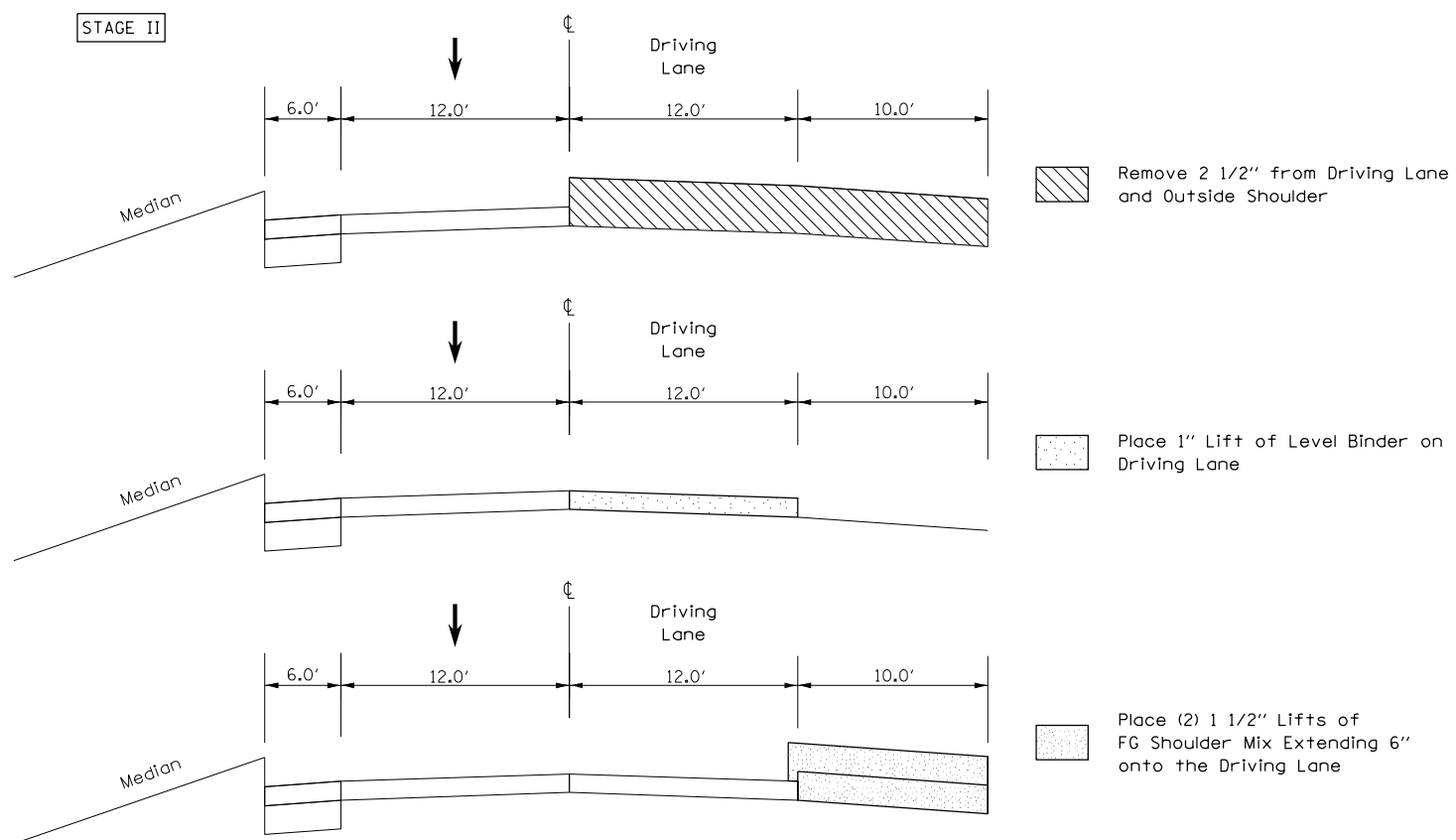
STAGE I



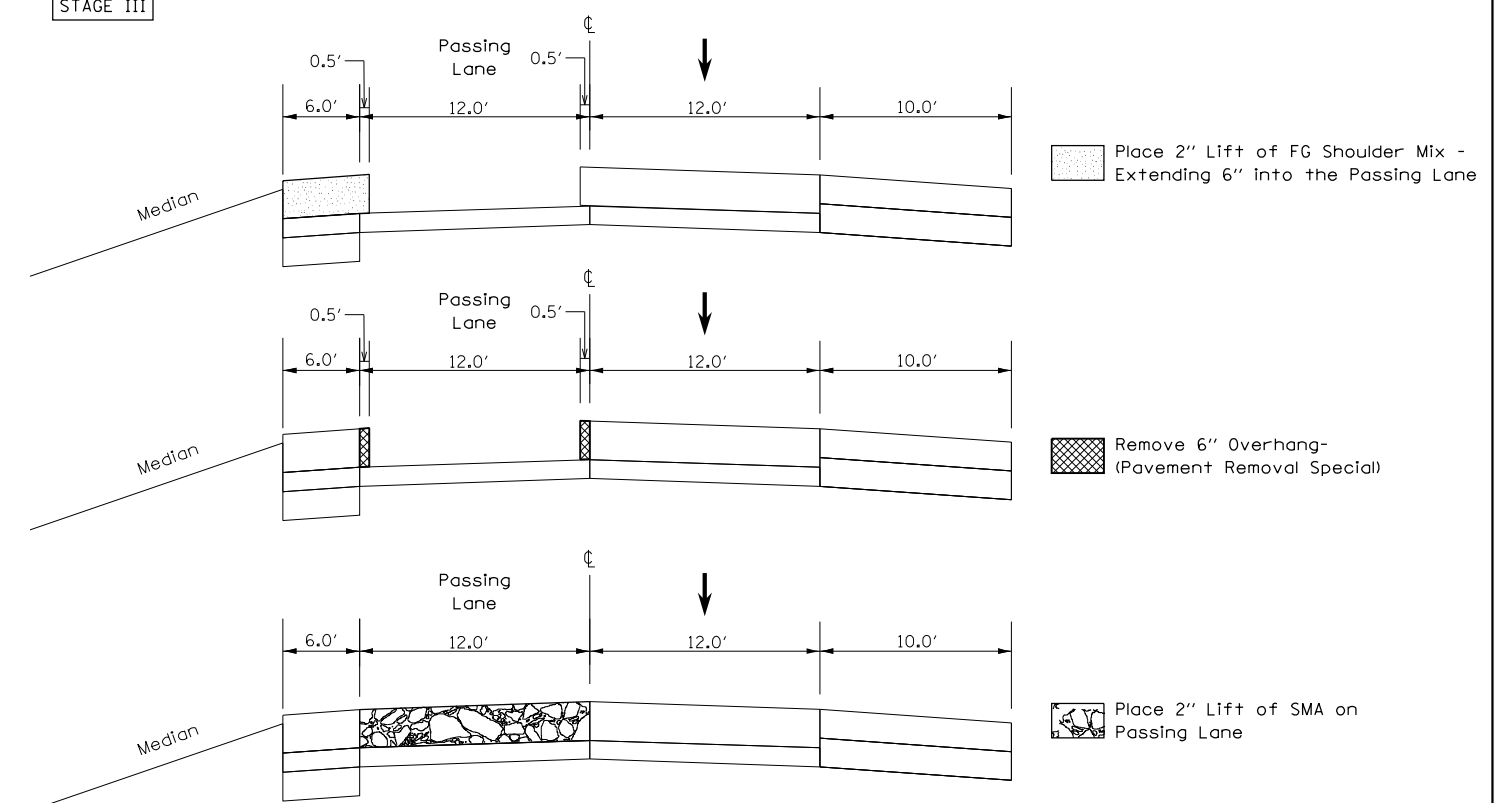
STAGE II CONT.



STAGE II



STAGE III



FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

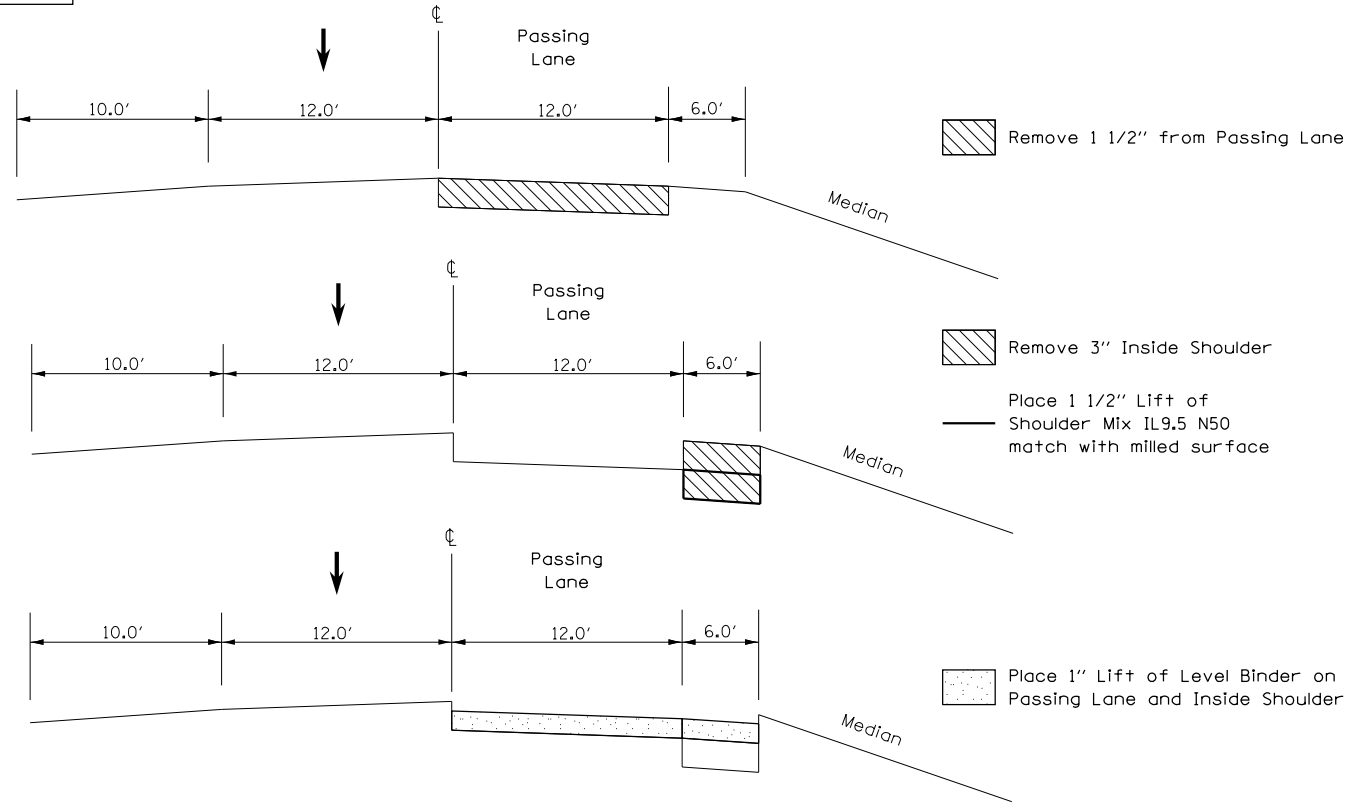
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	62
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

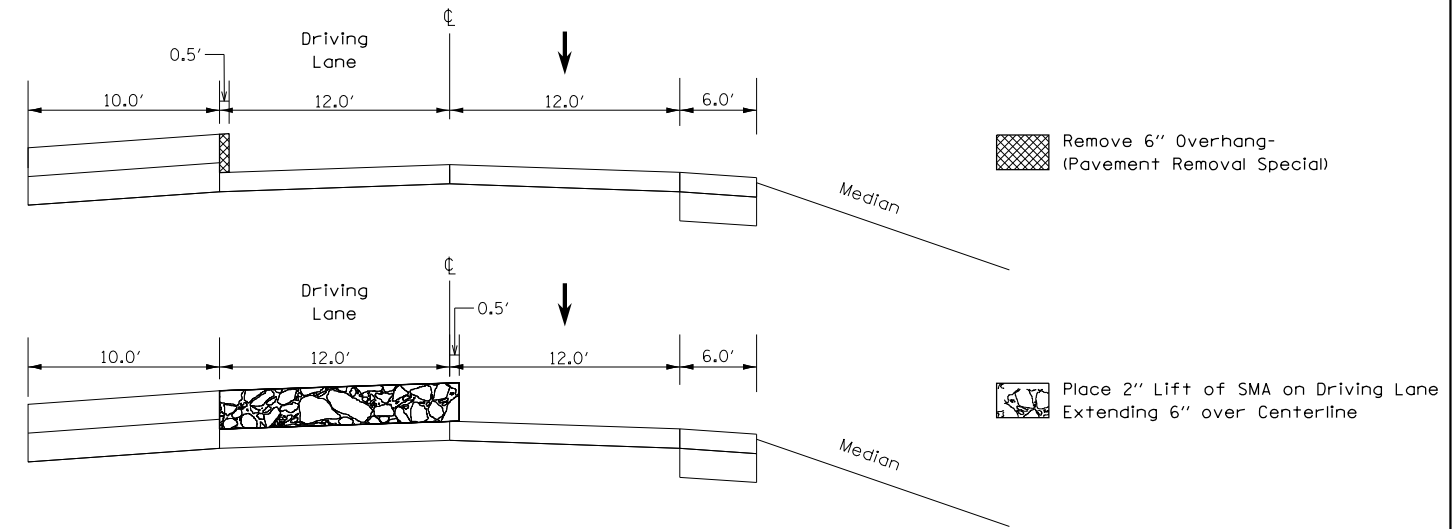
• 48-[29RS-7,30RS-1];72-3RS-2

Eastbound Lanes Only
 Under S.N. 048-0035 C.H. 18
 STA. 578+78.13 to 580+90.13

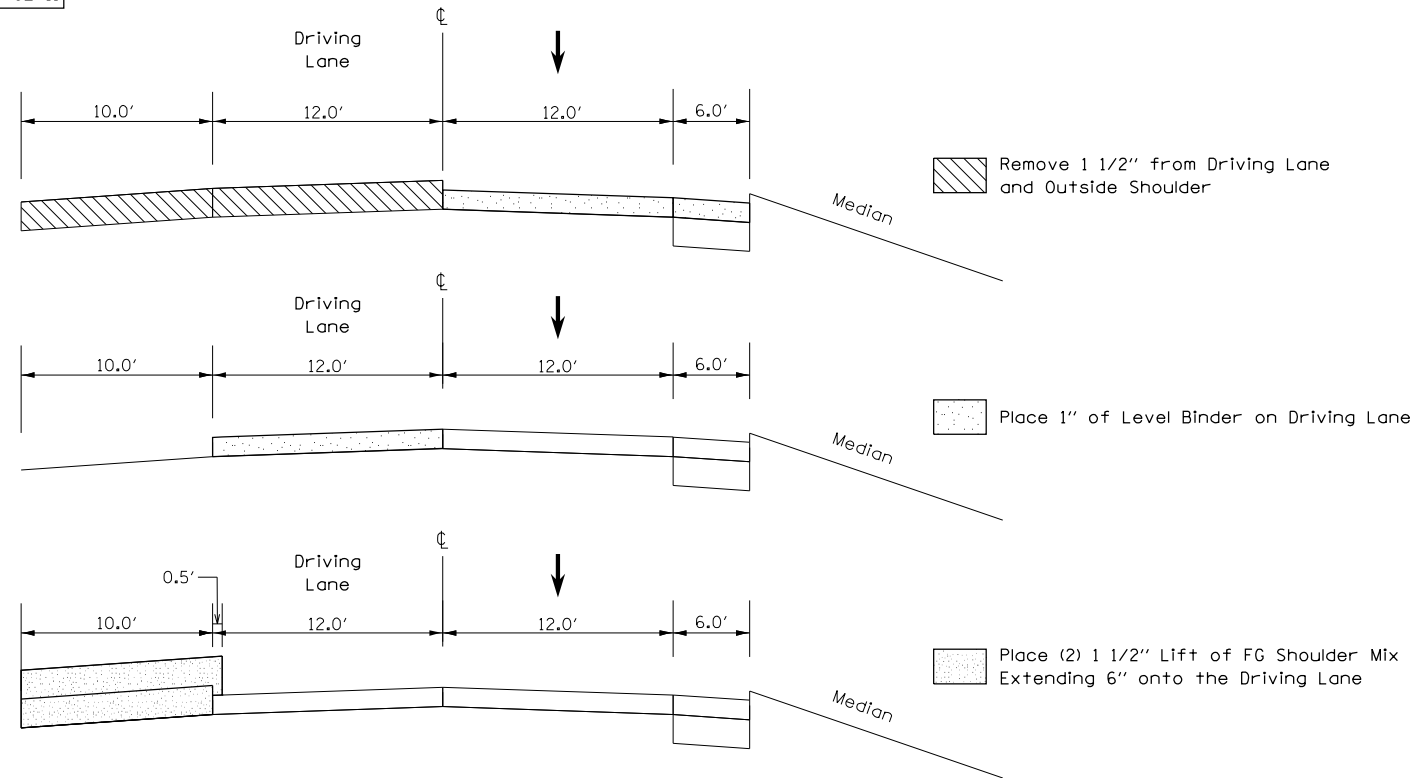
STAGE I



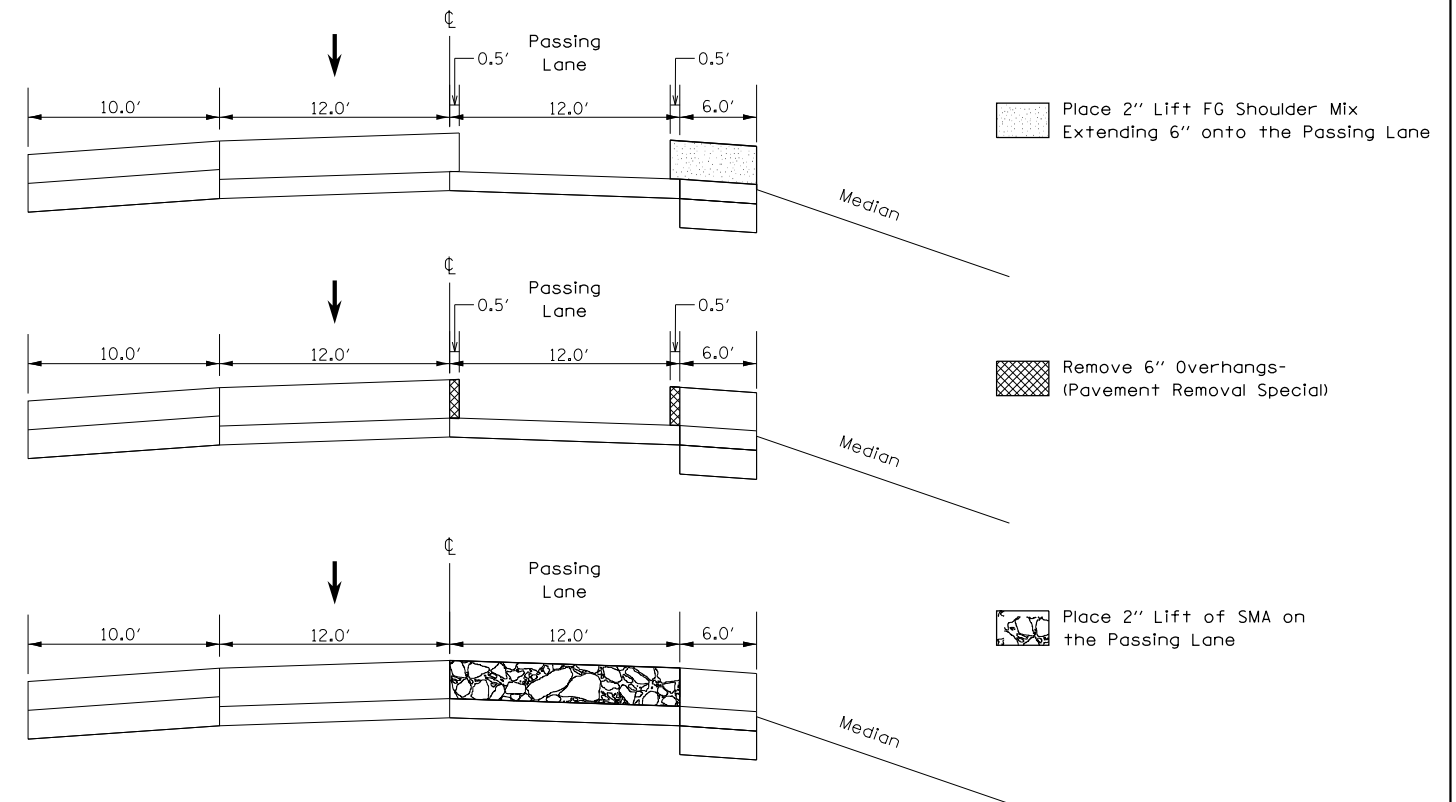
STAGE II CONT.



STAGE II



STAGE III



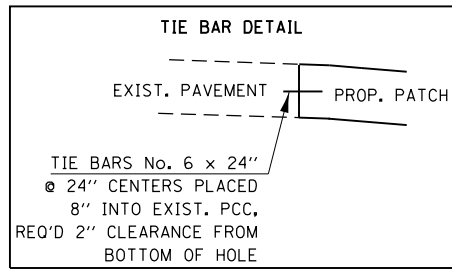
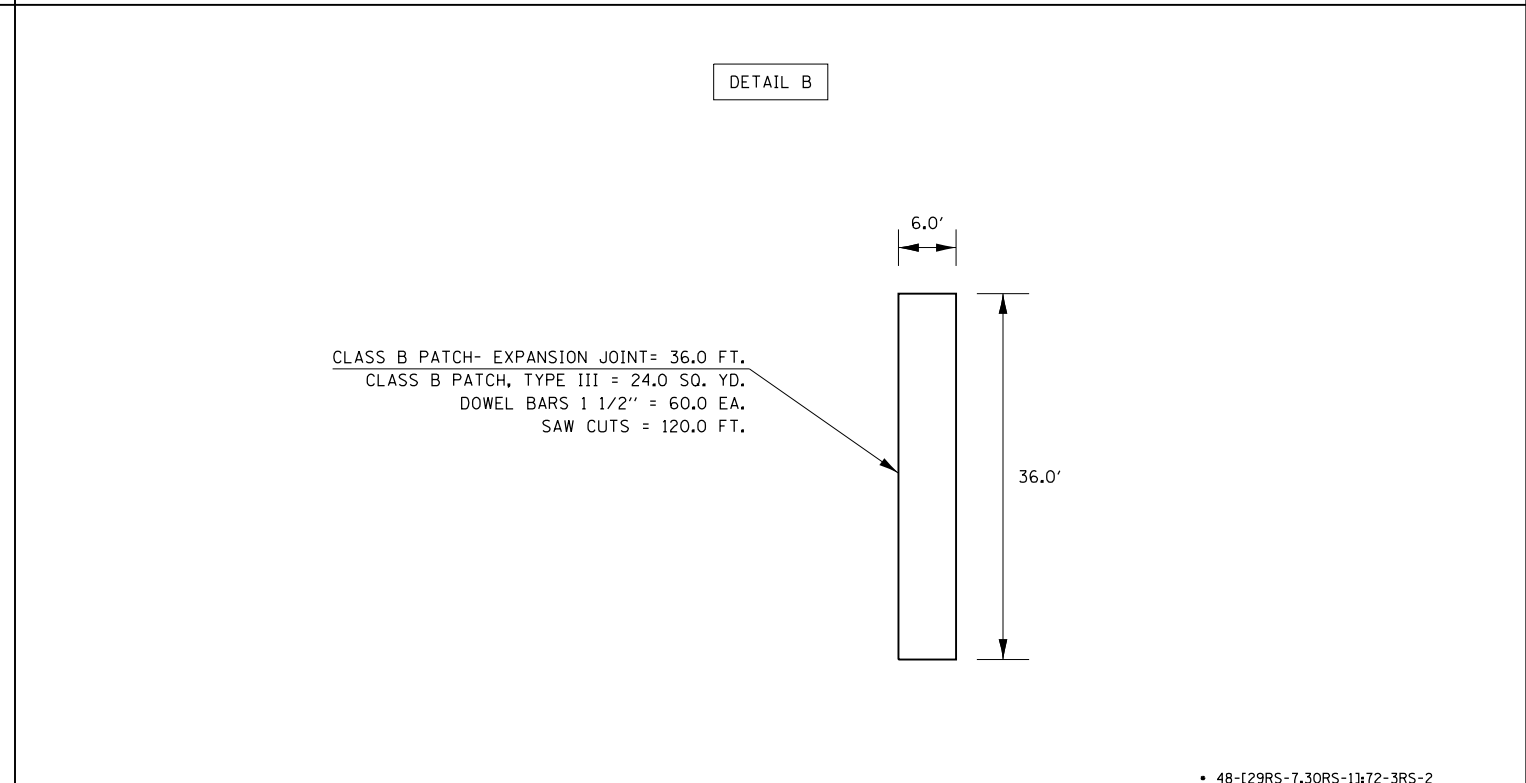
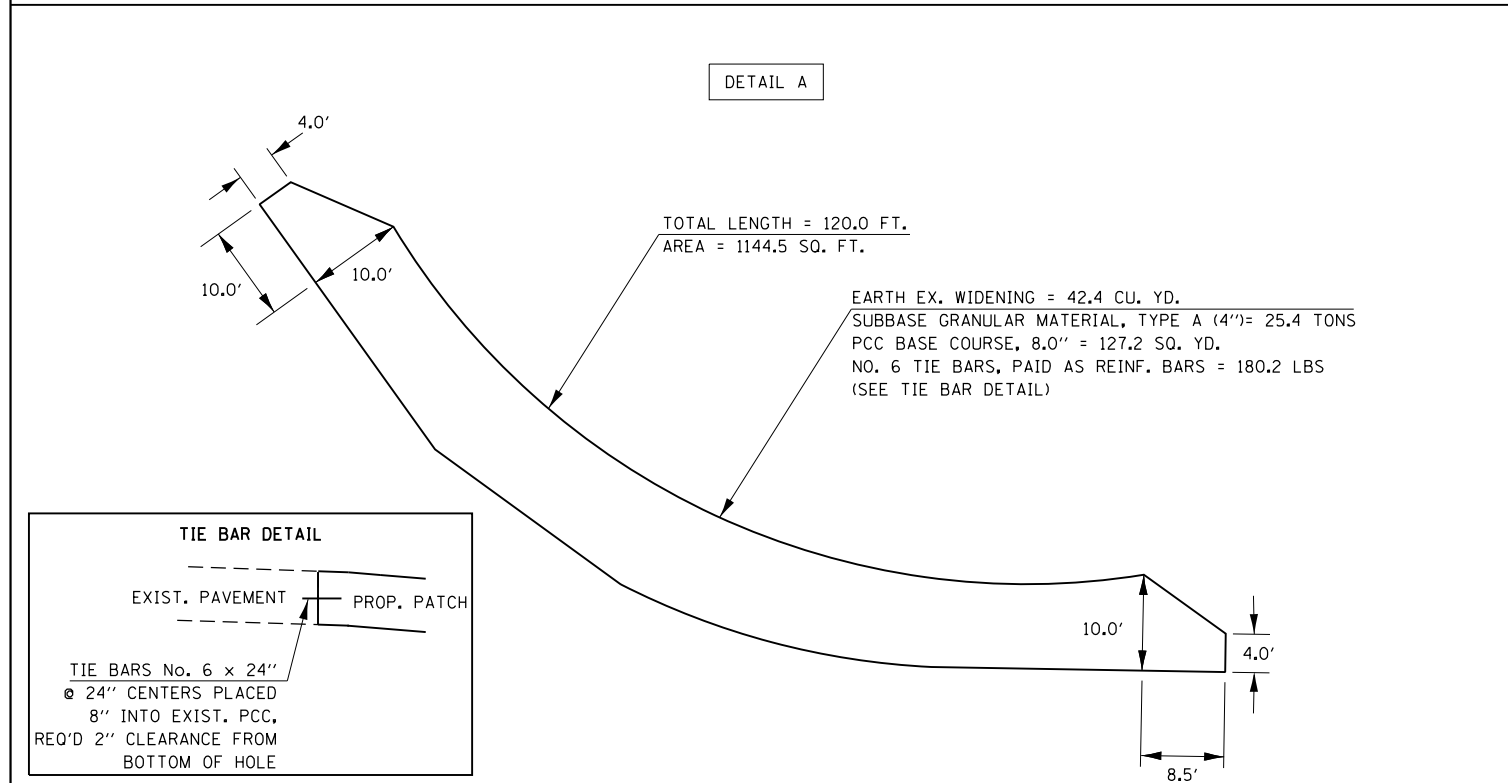
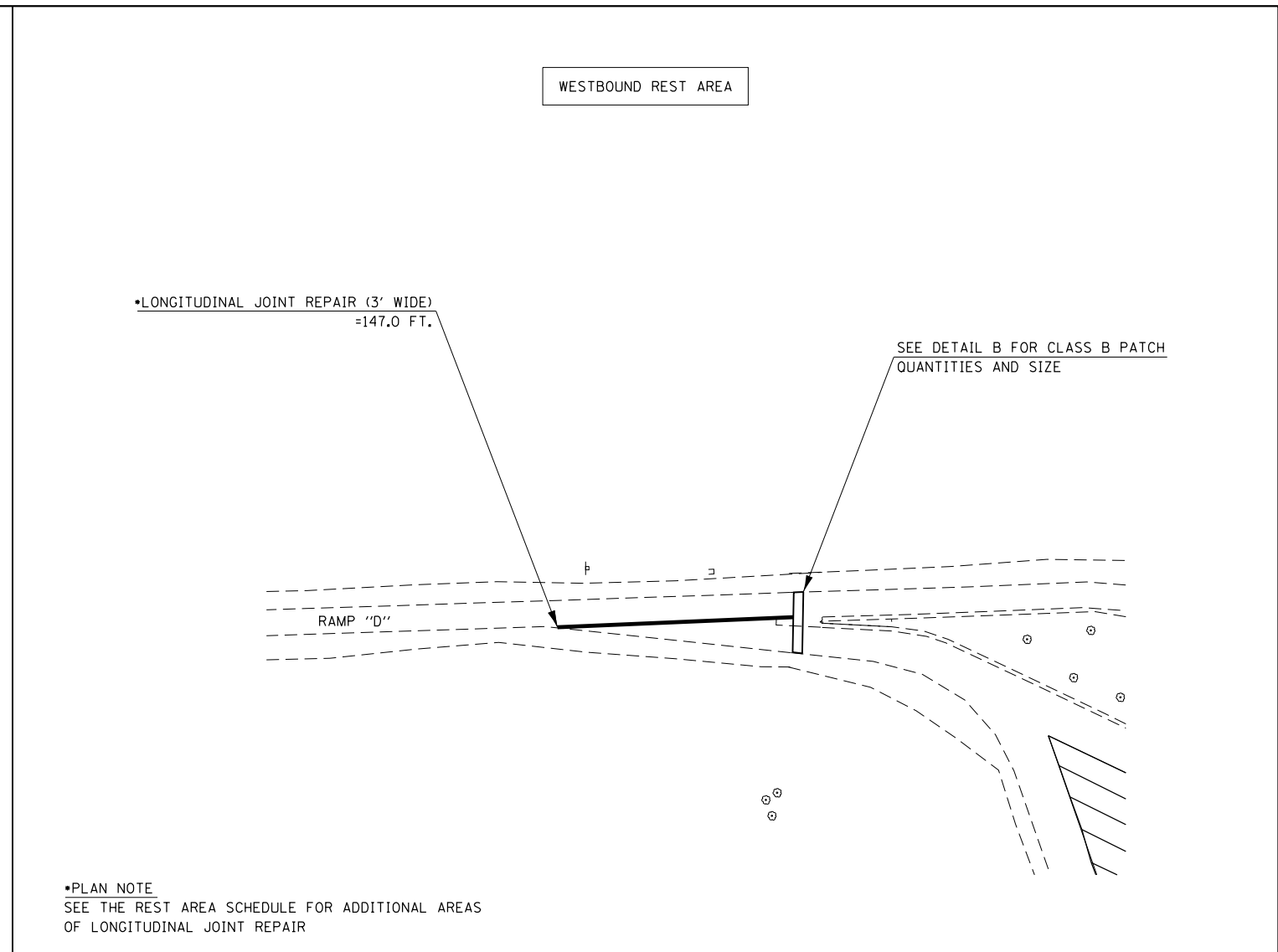
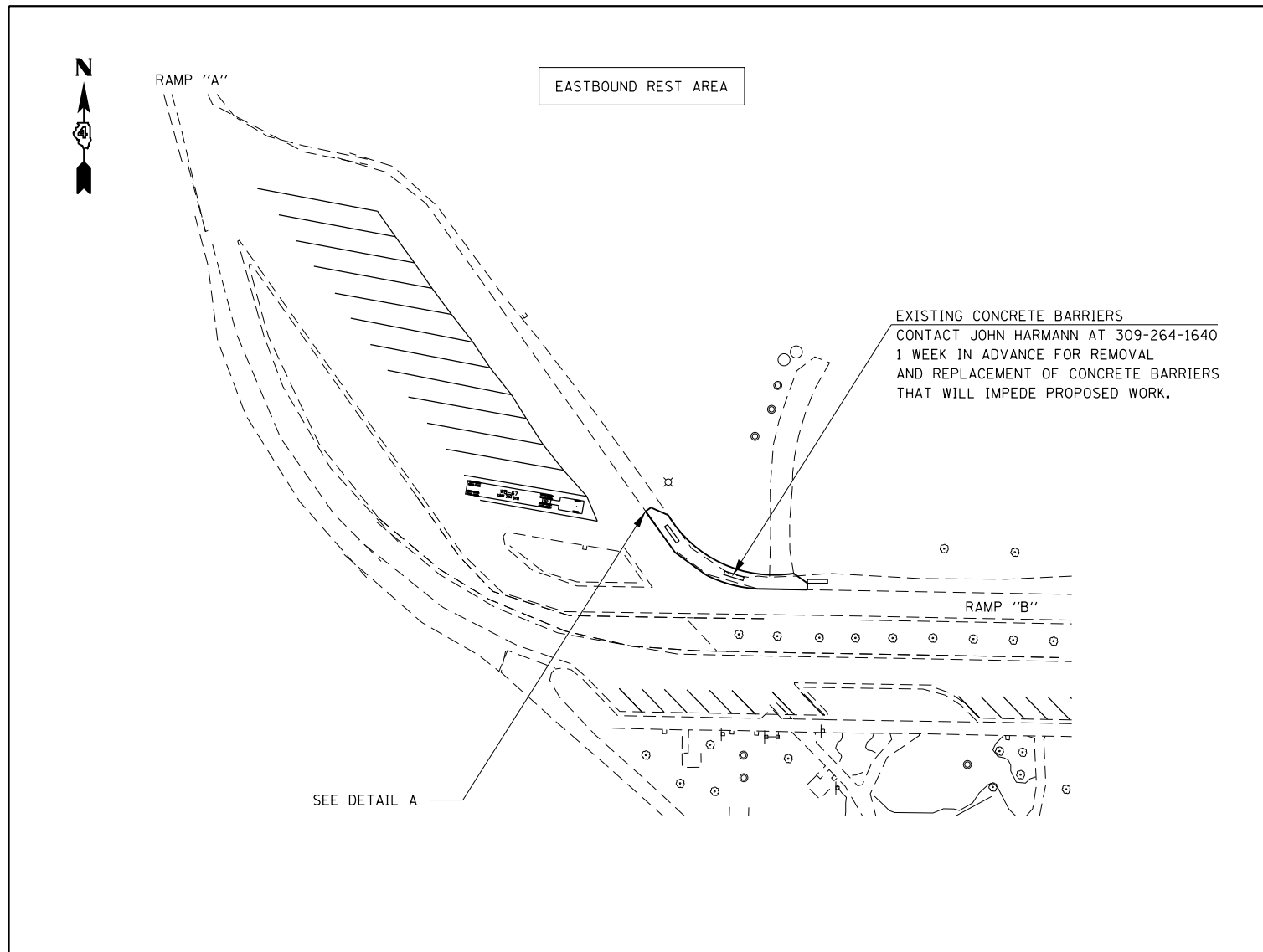
FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATIONS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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48-[29RS-7,30RS-1];72-3RS-2					
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
74	.	KNOX/PEORIA	124	63	
CONTRACT NO. 68507					
ILLINOIS FED. AID PROJECT					



FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

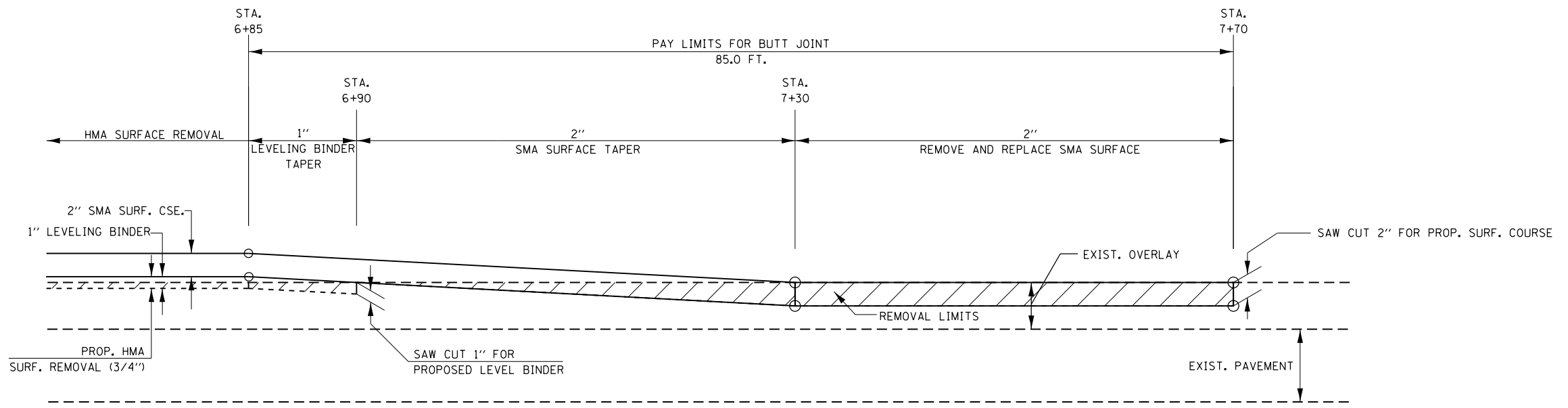
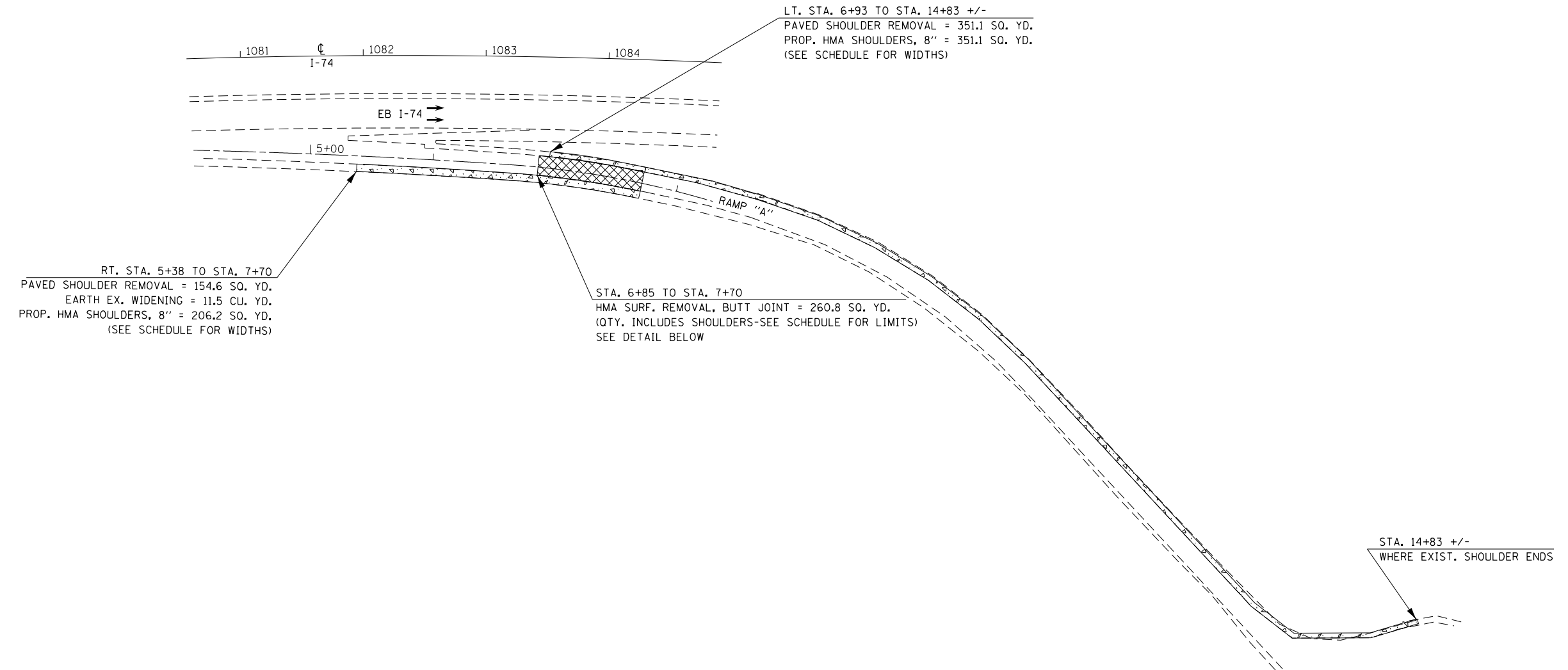
REST AREA DETAIL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	64
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-[29RS-7,30RS-1];72-3RS-2



EASTBOUND EXIT RAMP "A" DETAIL



48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

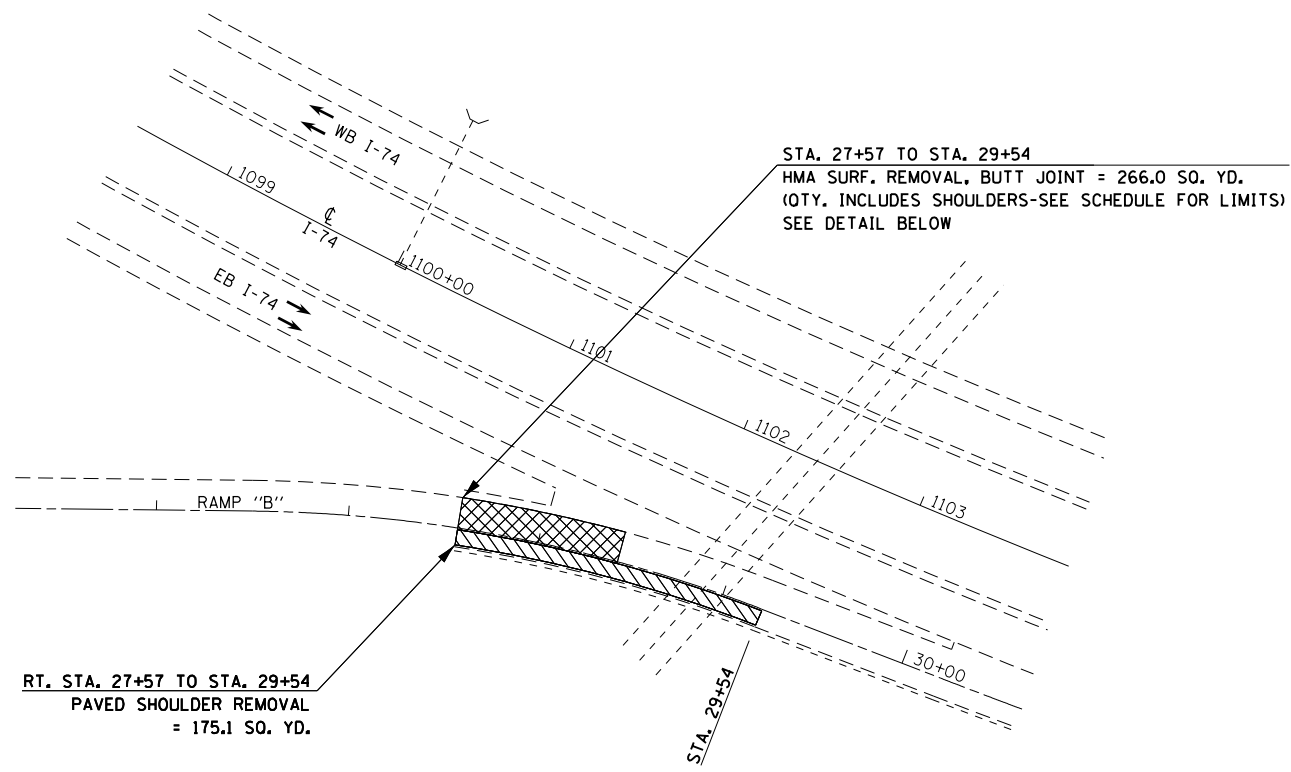
RAMP DETAIL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	65
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

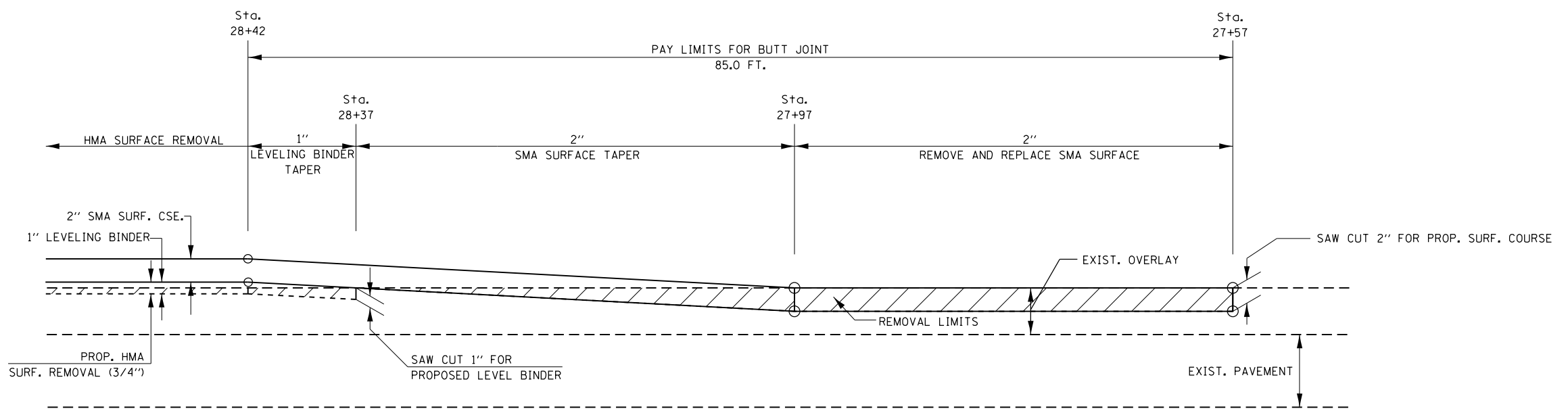
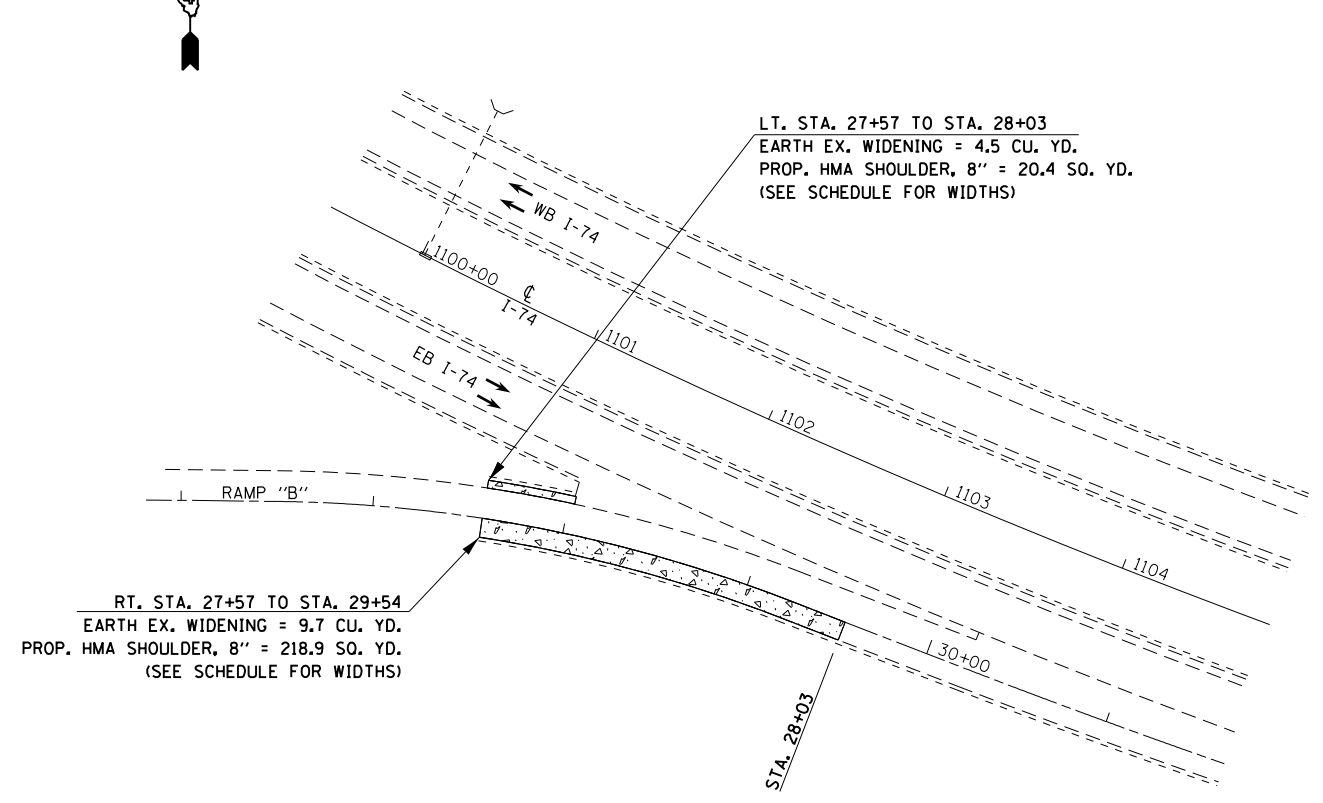
EASTBOUND ENTRANCE RAMP "B" DETAIL



REMOVAL PLAN



PROPOSED PLAN



FILE NAME = D468507-sht-detail.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

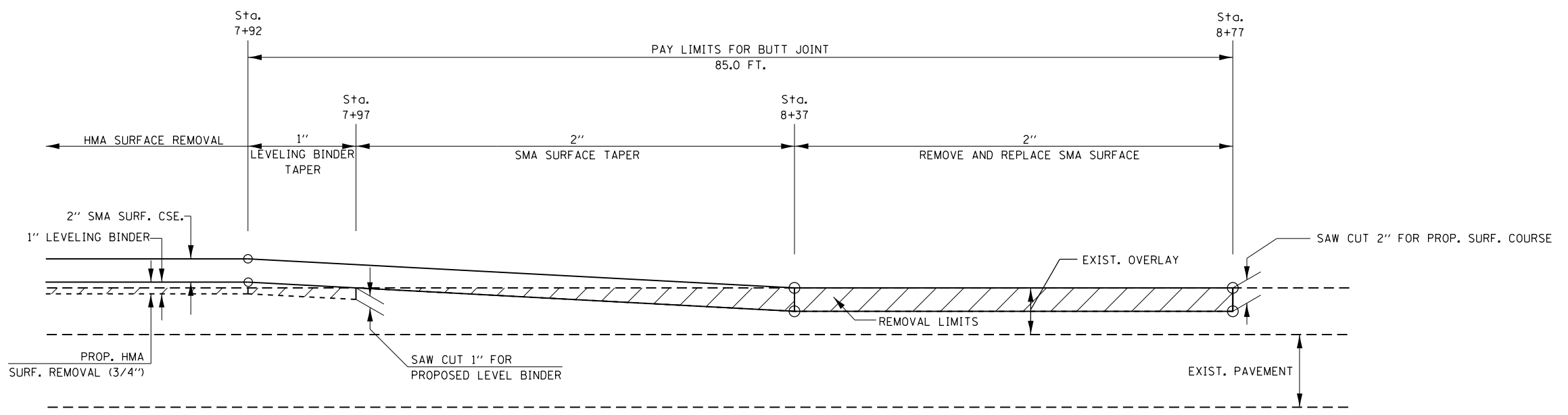
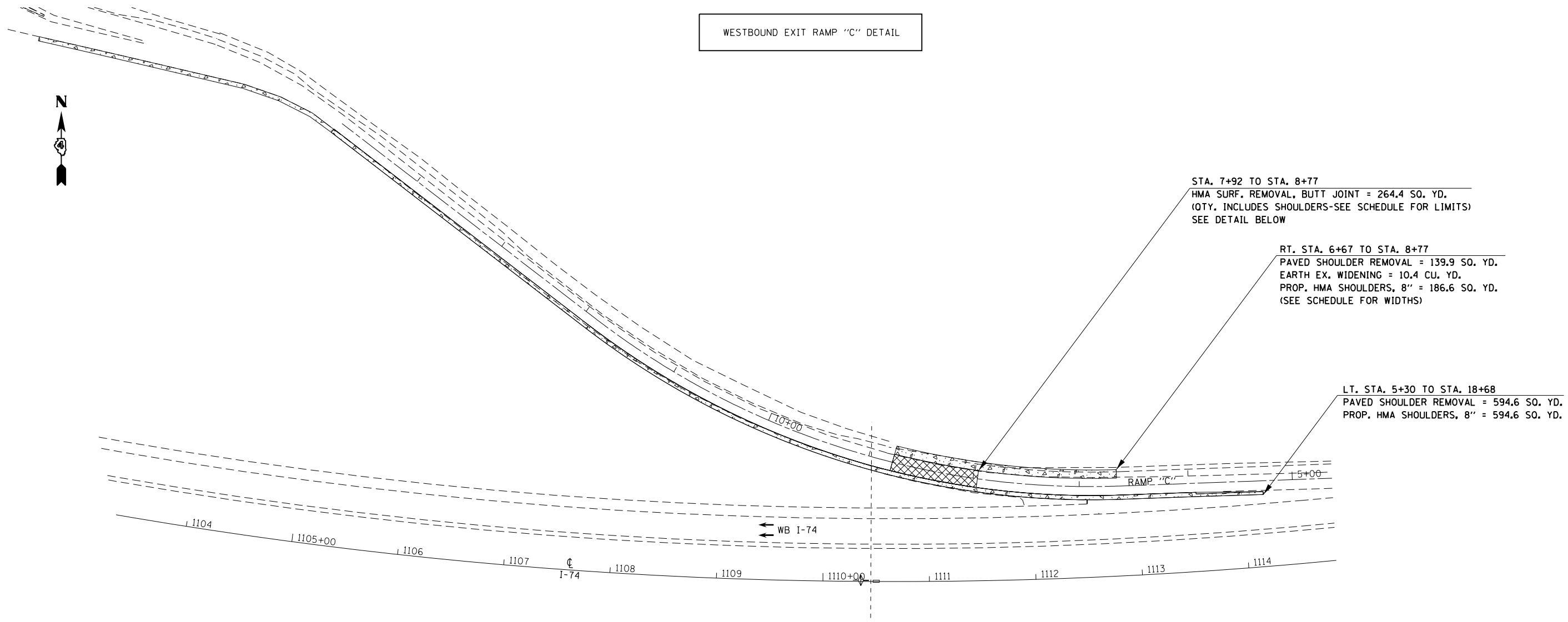
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	66
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-[29RS-7,30RS-1];72-3RS-2

WESTBOUND EXIT RAMP "C" DETAIL



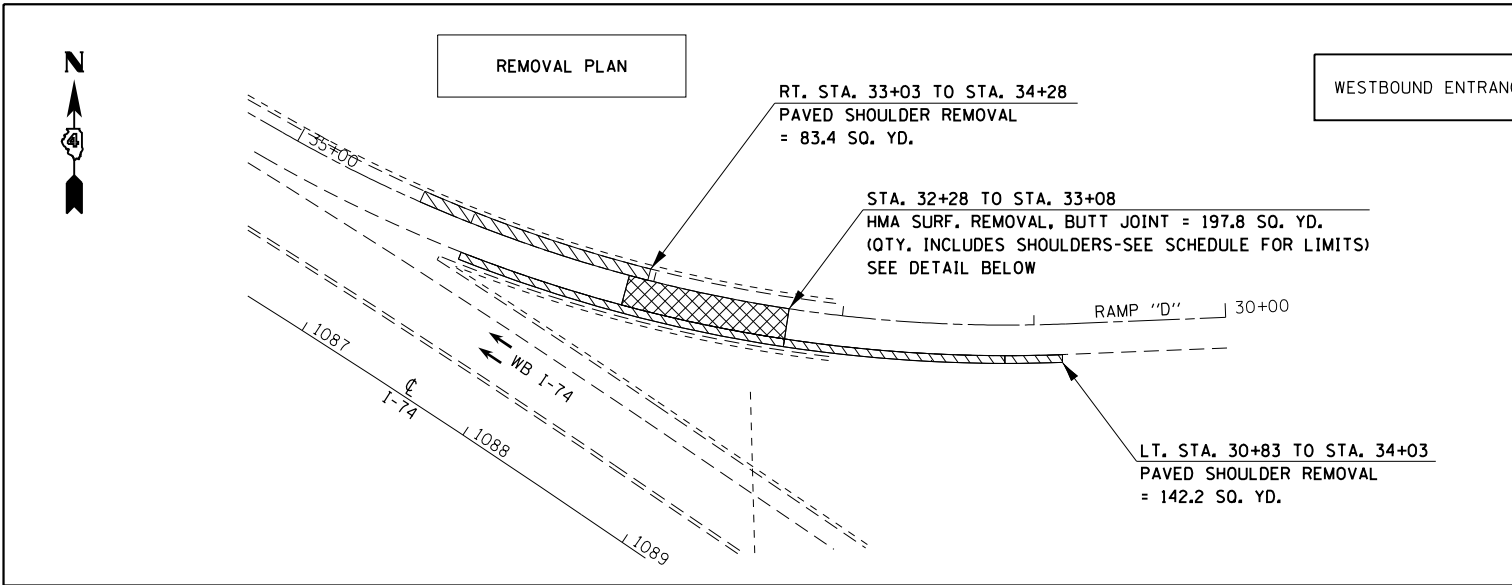
FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1".	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

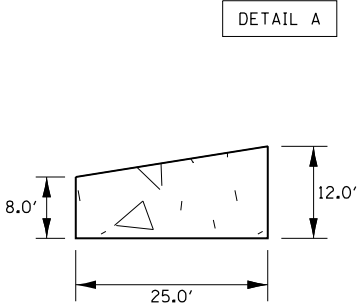
RAMP DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	67
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

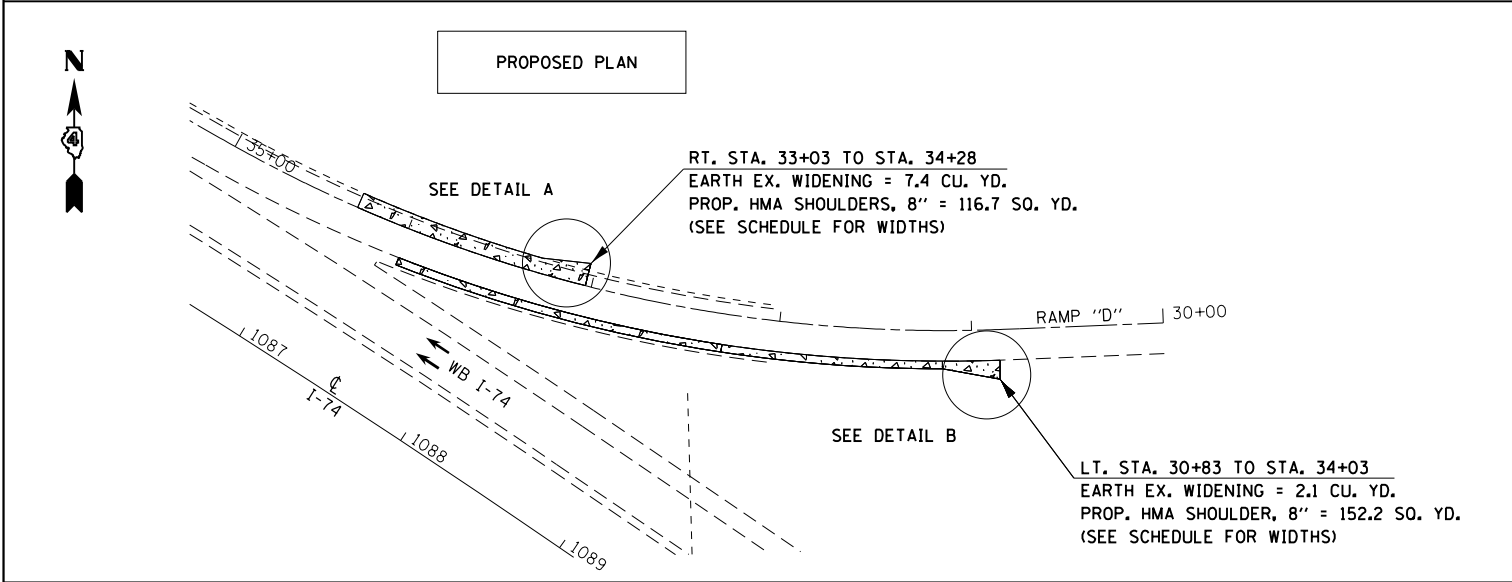
48-[29RS-7,30RS-1];72-3RS-2



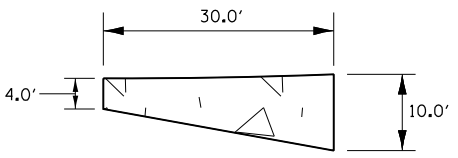
WESTBOUND ENTRANCE RAMP "D" DETAIL



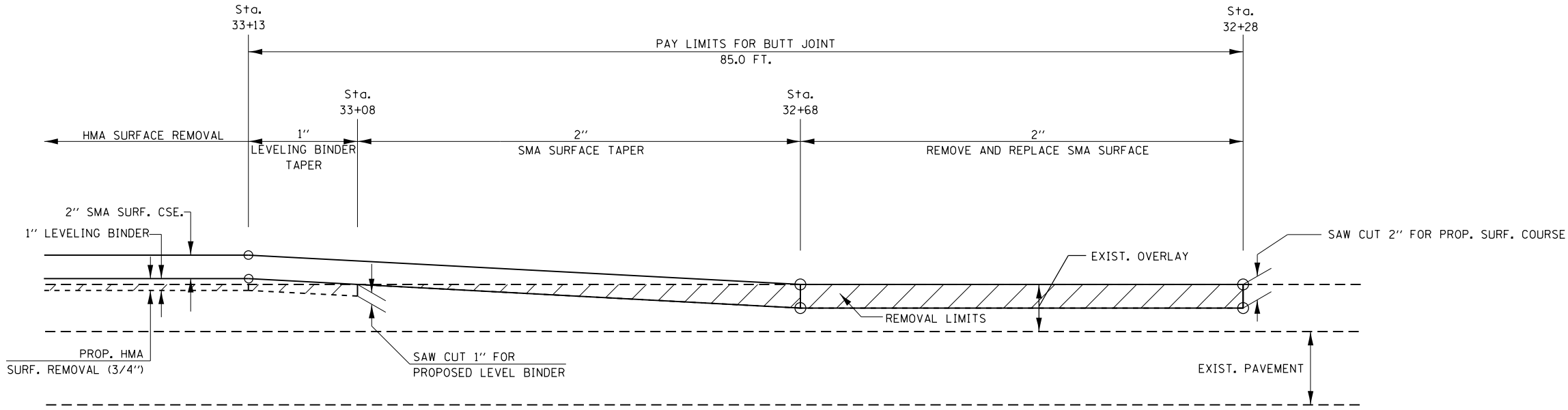
EARTH EX. WIDENING = 2.5 CU. YD.
HMA SHOULDERS, 8" = 27.8 SQ. YD.



DETAIL B



EARTH EX. WIDENING = 2.2 CU. YD.
HMA SHOULDERS, 8" = 23.3 SQ. YD.



FILE NAME = D468507-sht-details.dgn

USER NAME = keithbr

DESIGNED -

DRAWN -

PLOT SCALE = 100.0000' / 1" =

PLOT DATE = 10/31/2016

REVISIONS:

REVISION NO. 1: DATE -

REVISION NO. 2: DATE -

REVISION NO. 3: DATE -

REVISION NO. 4: DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP DETAIL

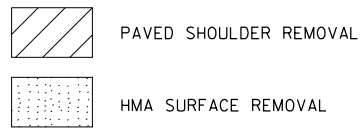
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 74 SECTION COUNTY KNOX/PEORIA TOTAL SHEETS 124 SHEET NO. 68

CONTRACT NO. 68507

ILLINOIS FED. AID PROJECT

48-[29RS-7,30RS-1];72-3RS-2

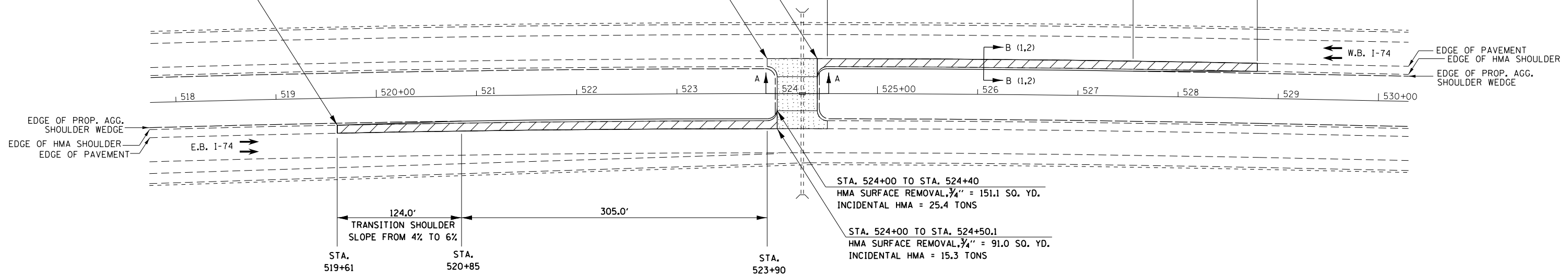


STA. 519+61 TO STA. 524+00
 PAVED SHOULDER REMOVAL = 392.6 SQ. YD.
 SUB-BASE GRAN. MAT., TYPE A = 47.5 TONS
 HMA BASE COURSE, 10" = 475.1 SQ. YD.
 HMA SHOULDER, 3" = 79.8 TONS
 EARTH EX. WIDENING = 27.5 CU. YD.

STA. 524+40.1 TO STA. 528+79.1
 PAVED SHOULDER REMOVAL = 392.7 SQ. YD.
 SUB-BASE GRAN. MAT., TYPE A = 47.7 TONS
 HMA BASE COURSE, 10" = 477.3 SQ. YD.
 HMA SHOULDER, 3" = 80.2 TONS
 EARTH EX. WIDENING = 28.2 CU. YD.

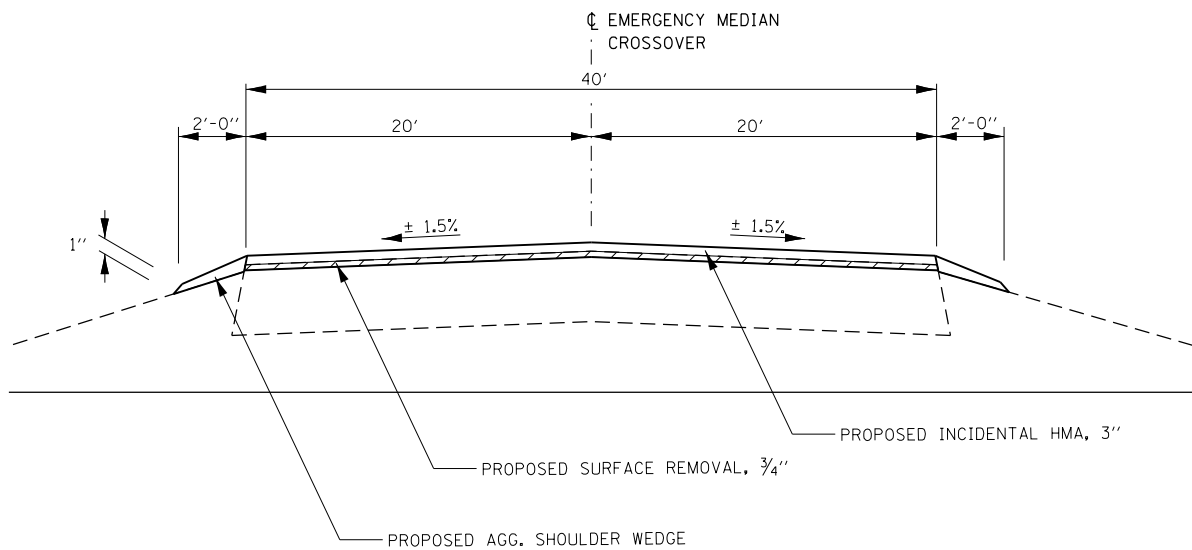
STA. 523+90.0 TO STA. 524+40.1
 HMA SURFACE REMOVAL, 3/4" = 91.6 SQ. YD.
 INCIDENTAL HMA = 15.4 TONS

STA. 524+50.1 STA. 527+55.1 STA. 528+79.1

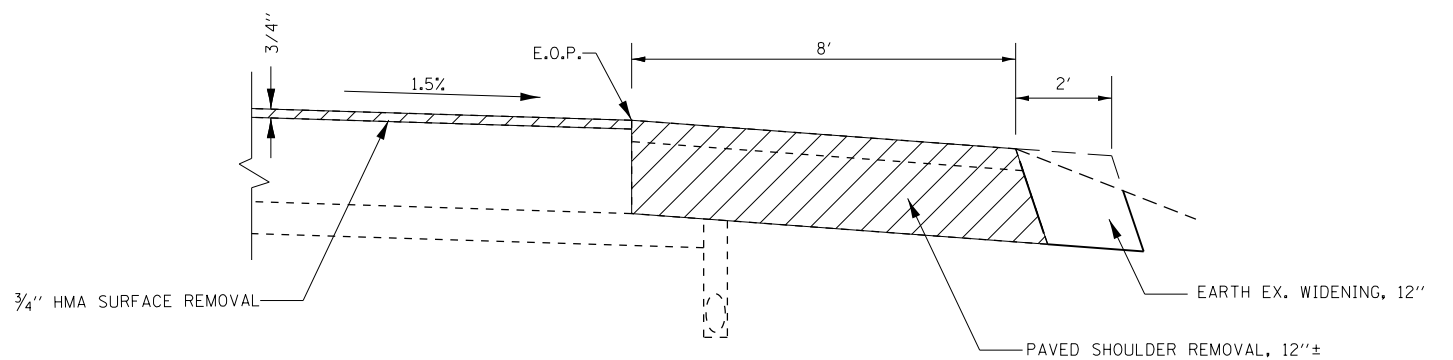


STA. 524+00 TO STA. 524+40
 HMA SURFACE REMOVAL, 3/4" = 151.1 SQ. YD.
 INCIDENTAL HMA = 25.4 TONS

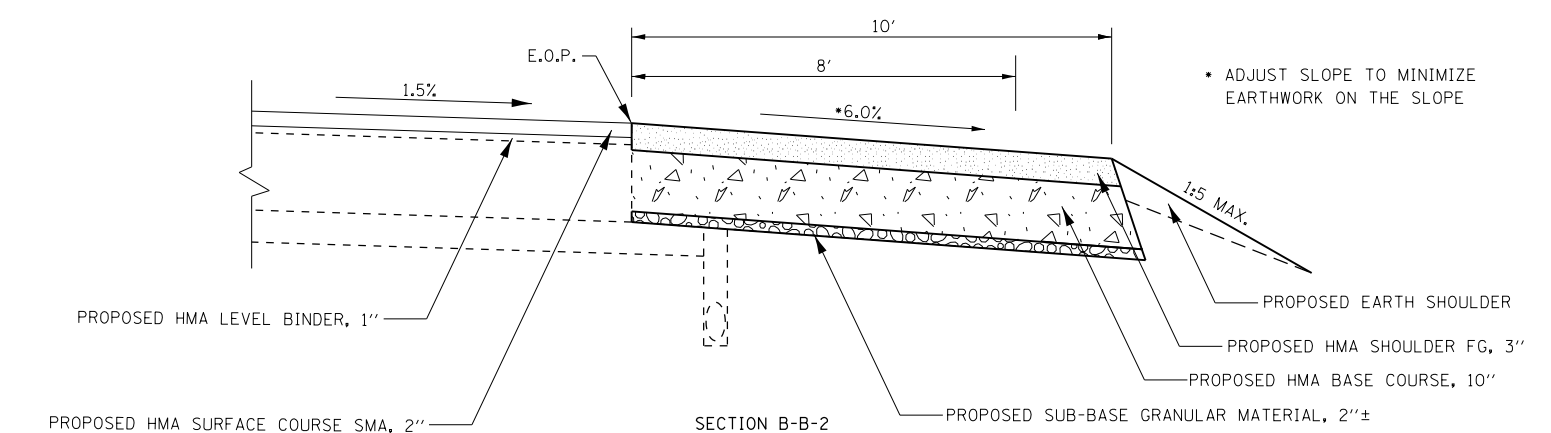
STA. 524+00 TO STA. 524+50.1
 HMA SURFACE REMOVAL, 3/4" = 91.0 SQ. YD.
 INCIDENTAL HMA = 15.3 TONS



SECTION A - A



SECTION B-B-1



SECTION B-B-2

• ADJUST SLOPE TO MINIMIZE EARTHWORK ON THE SLOPE

FILE NAME = D468507-Emergency Crossover Detail.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 10/31/2016	DATE -	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EMERGENCY MEDIAN CROSSOVER DETAIL

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

F.A.I. RTE. 74	SECTION	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 69
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2

 PAVED SHOULDER REMOVAL
 HMA SURFACE REMOVAL

STA. 737+49.2 TO STA. 741+80.1
 PAVED SHOULDER REMOVAL = 393.1 SO. YD.
 SUB-BASE GRAN. MAT., TYPE A = 47.9 TONS
 HMA BASE COURSE, 10" = 479.1 SO. YD.
 HMA SHOULDER, 3" = 80.5 TONS
 EARTH EX. WIDENING = 28.6 CU. YD.

STA. 742+28.4 TO STA. 746+67.5
 PAVED SHOULDER REMOVAL = 392.4 SO. YD.
 SUB-BASE GRAN. MAT., TYPE A = 47.3 TONS
 HMA BASE COURSE, 10" = 473.0 SO. YD.
 HMA SHOULDER, 3" = 79.5 TONS
 EARTH EX. WIDENING = 26.8 CU. YD.

STA. 741+78.6 TO STA. 742+28.3
 HMA SURFACE REMOVAL, 3/4" = 89.9 SO. YD.
 INCIDENTAL HMA = 15.1 TONS

STA. 742+38.5

STA. 745+43.5

STA. 746+67.5

124.0'
 TRANSITION SHOULDER
 SLOPE FROM 6% TO 4%

EDGE OF PAVEMENT
 EDGE OF HMA SHOULDER
 EDGE OF PROP. AGG. SHOULDER WEDGE

EDGE OF PROP. AGG. SHOULDER WEDGE
 EDGE OF HMA SHOULDER
 EDGE OF PAVEMENT

737

738

739

740+00

741

742

743

744

745+00

746

124.0'
 TRANSITION SHOULDER
 SLOPE FROM 4% TO 6%

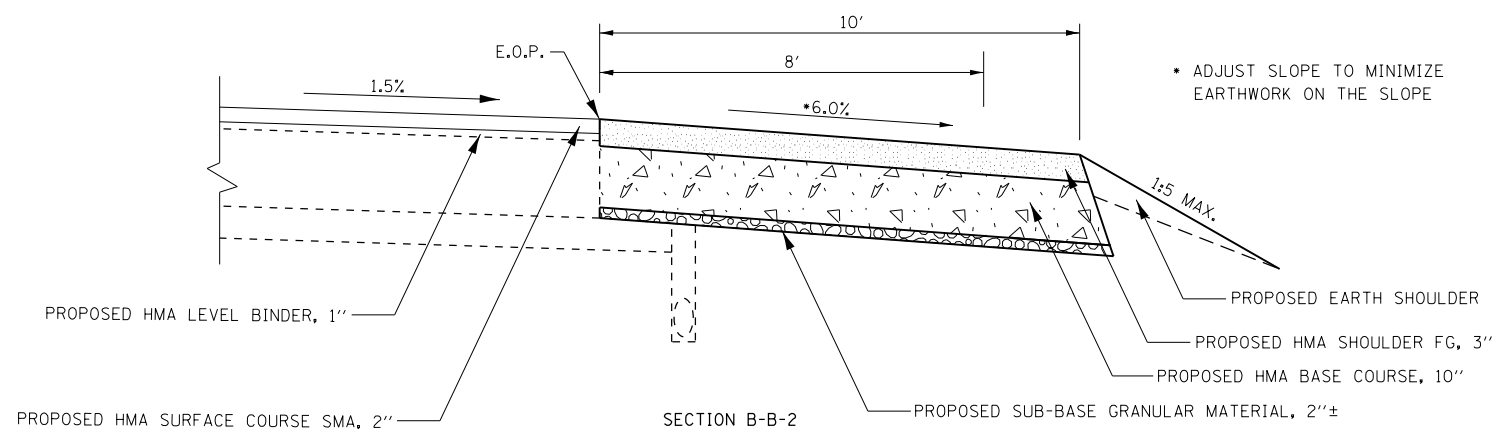
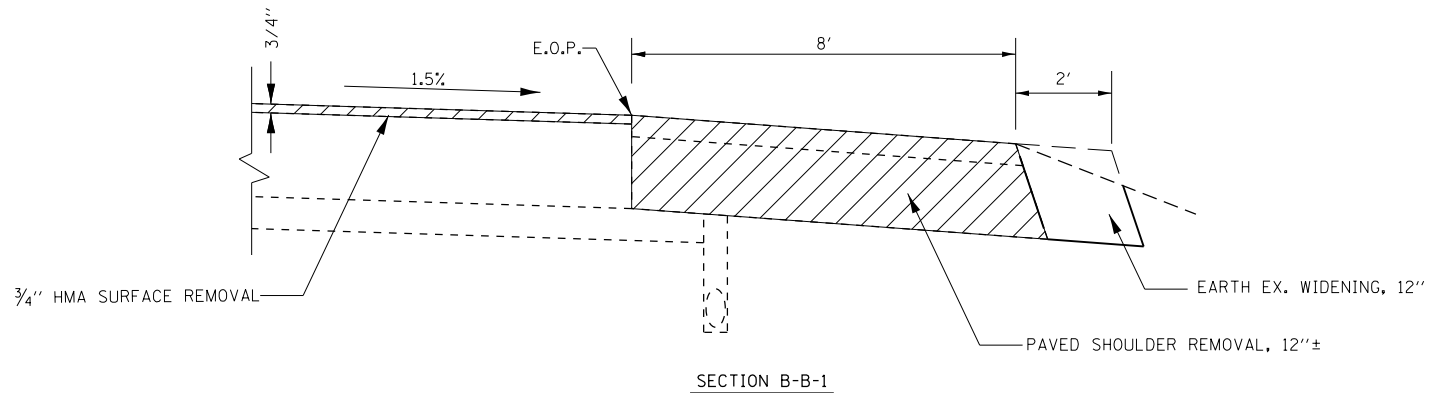
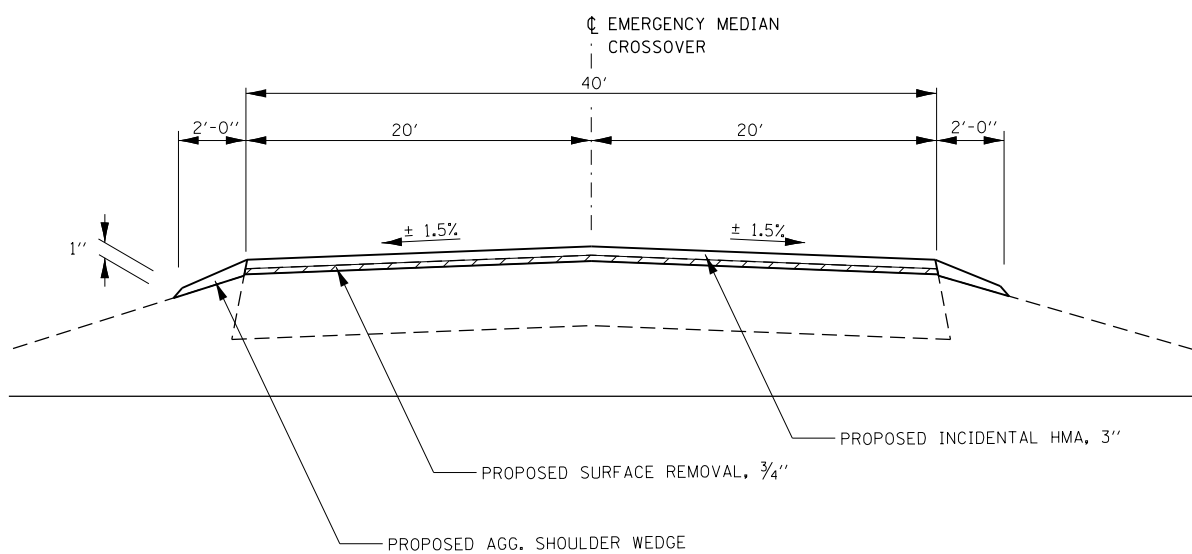
STA. 737+49.2

STA. 738+73.2

STA. 741+78.2

STA. 741+88.4 TO STA. 742+28.4
 HMA SURFACE REMOVAL, 3/4" = 152.6 SO. YD.
 INCIDENTAL HMA = 25.6 TONS

STA. 741+88.4 TO STA. 742+38.5
 HMA SURFACE REMOVAL, 3/4" = 90.9 SO. YD.
 INCIDENTAL HMA = 15.3 TONS



• ADJUST SLOPE TO MINIMIZE EARTHWORK ON THE SLOPE

FILE NAME = D468507-Emergency Crossover Detail.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT SCALE = 100.0000' / 1" / 10'		
	PLOT DATE = 10/31/2016		

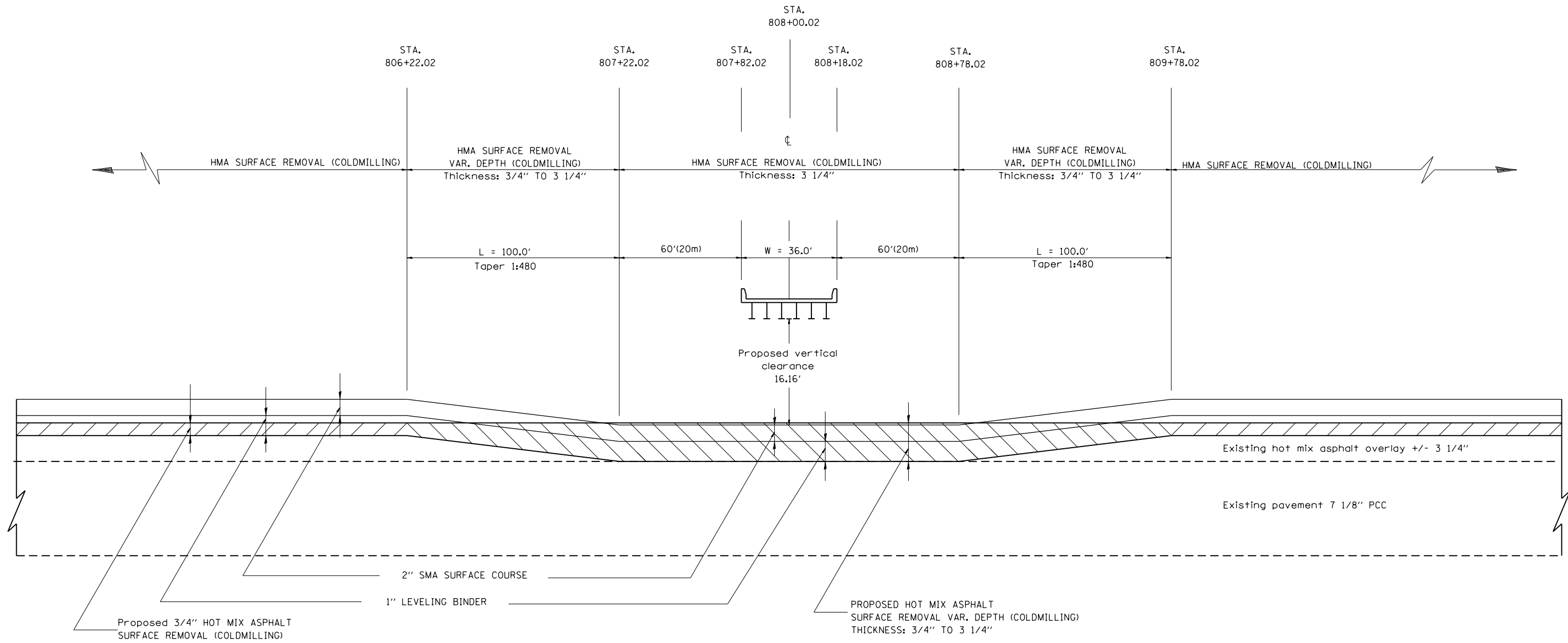
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EMERGENCY MEDIAN CROSSOVER DETAIL

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

F.A.I. RTE. 74	SECTION *	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 70
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1]72-3RS-2



FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

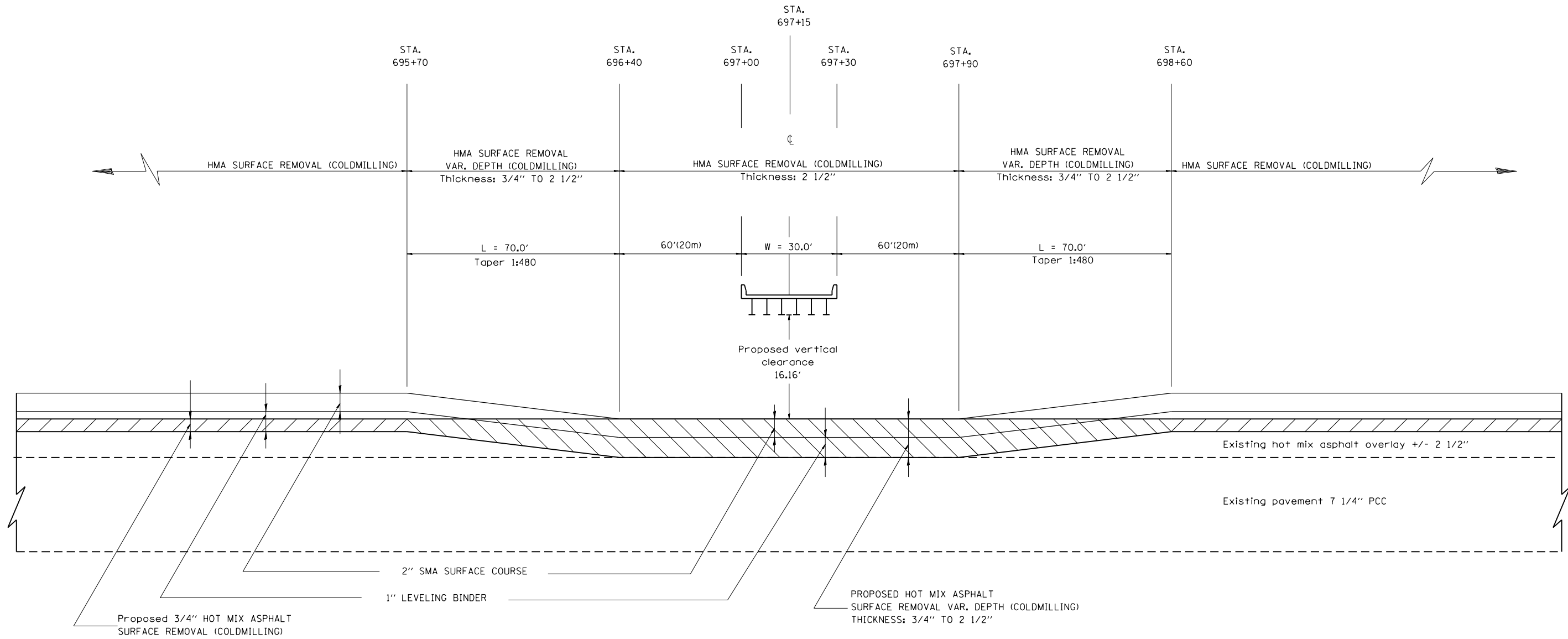
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER STRUCTURES TREATMENT
WB S.N. 072-0032 (IL-78)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 74	SECTION •	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 71
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2



FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

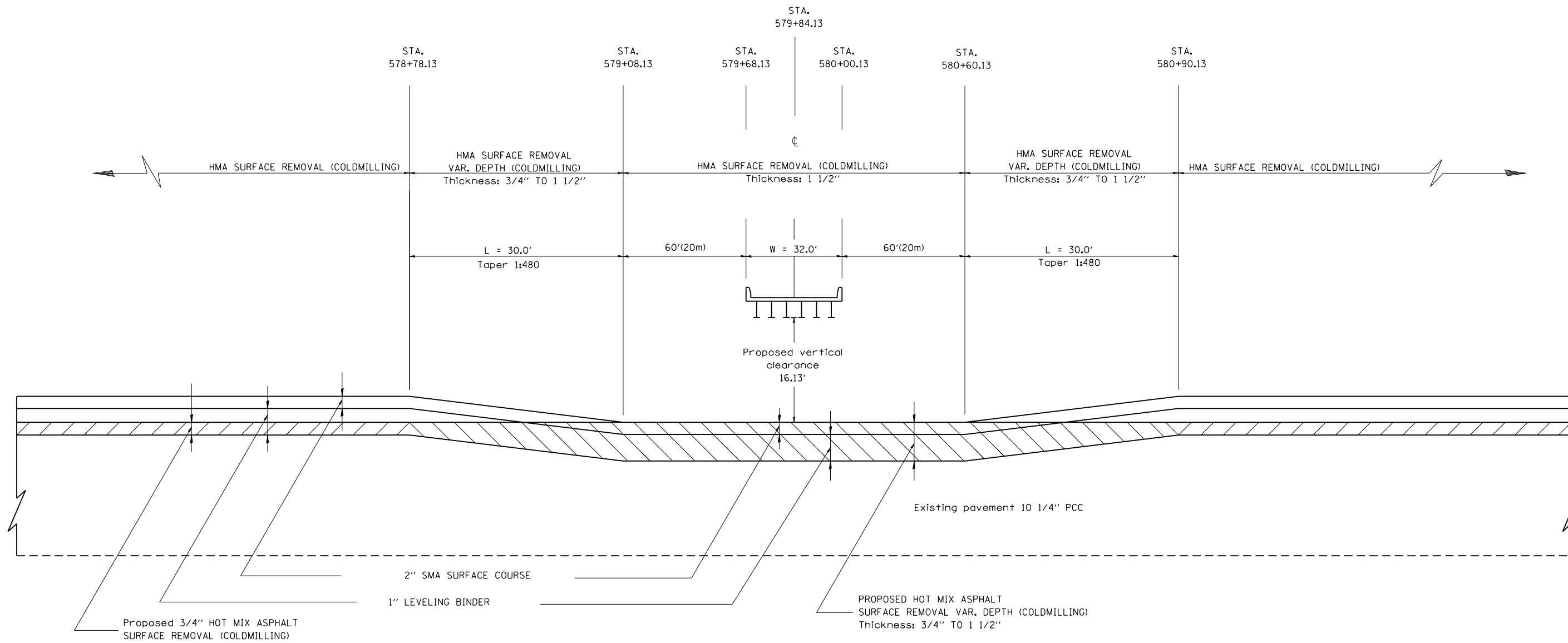
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER STRUCTURES TREATMENT
WB S.N. 048-0053 (KNOX RD. 1000)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 74	SECTION •	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 72
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2



• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

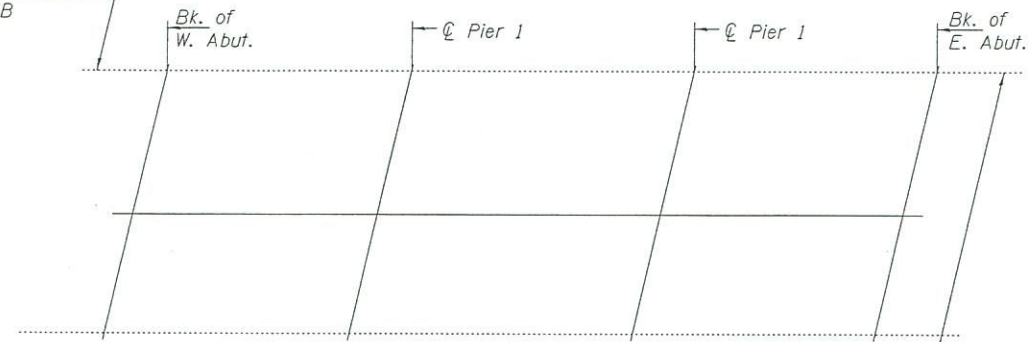
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER STRUCTURES TREATMENT
EB S.N. 048-0035 (CO. HWY. 18)**

SCALE: SHEET OF SHEETS STA. TO STA.

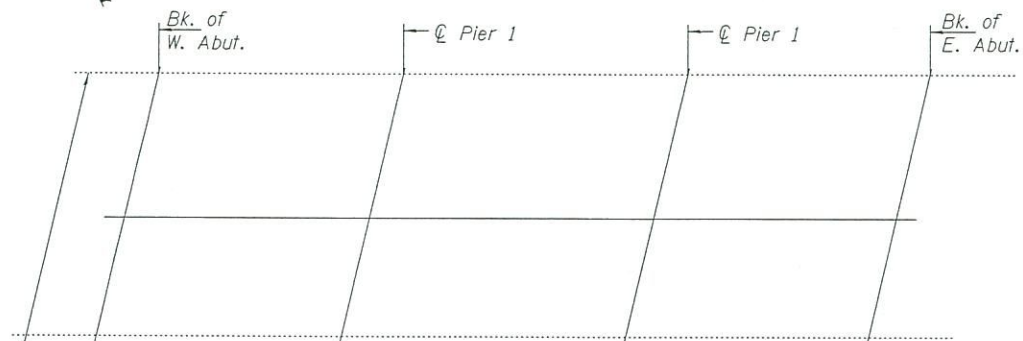
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	73
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

Wingwall modification.
See Detail B



PLAN
(SN 048-0054)

Wingwall modification.
See Detail A

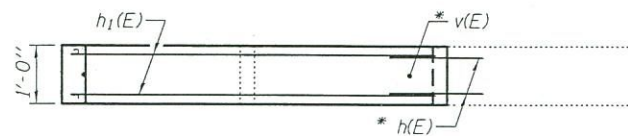


PLAN
(SN 048-0055)

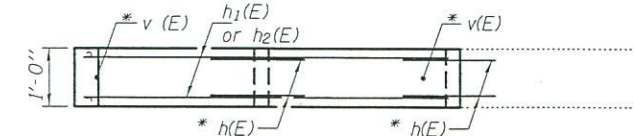
Wingwall modification.
See Detail A

NOTES

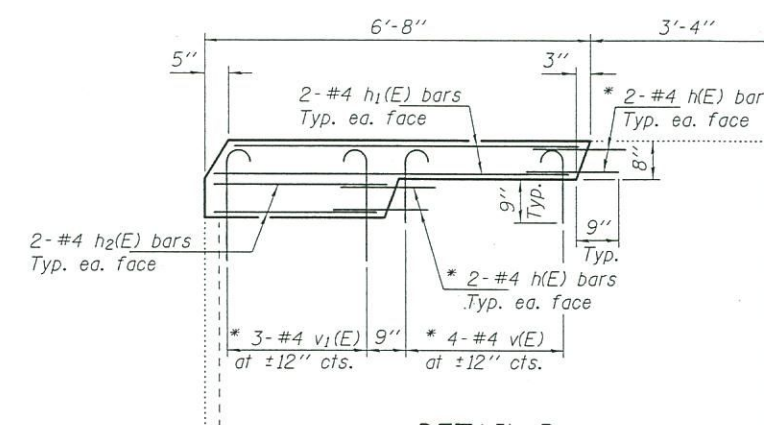
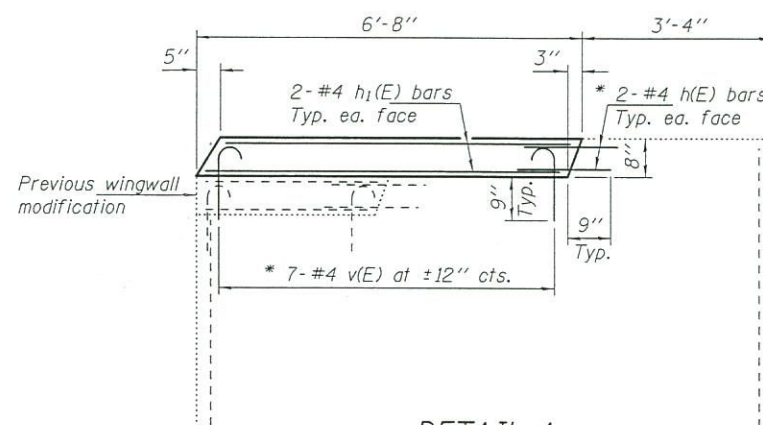
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



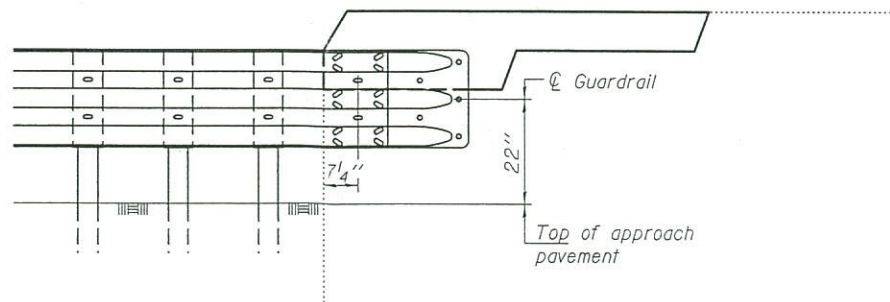
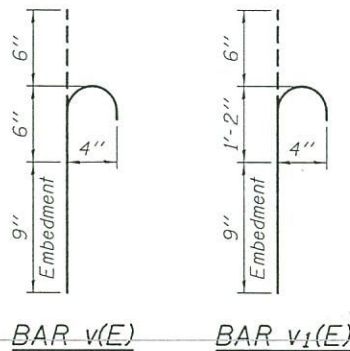
SECTION



SECTION



* Epoxy grout h(E), v(E) & v1(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



**BILL OF MATERIAL
5 WINGWALLS**

Bar	No.	Size	Length	Shape
h(E)	24	#4	1'-9"	—
h1(E)	20	#4	5'-11"	—
h2(E)	4	#4	2'-9"	—
v(E)	32	#4	1'-3"	┌
v1(E)	3	#4	1'-11"	┌
Concrete Structures			Cu. Yd.	0.9
Reinforcement Bars, Epoxy Coated			Pound	150



EXPIRES 11-30-2018

DESIGNED *David Carl Puzey*
CHECKED *Victor H. Vetter*
DRAWN *baliva*
CHECKED *DKV*

PASSED *David Carl Puzey*
ACTING ENGINEER OF BRIDGES AND STRUCTURES

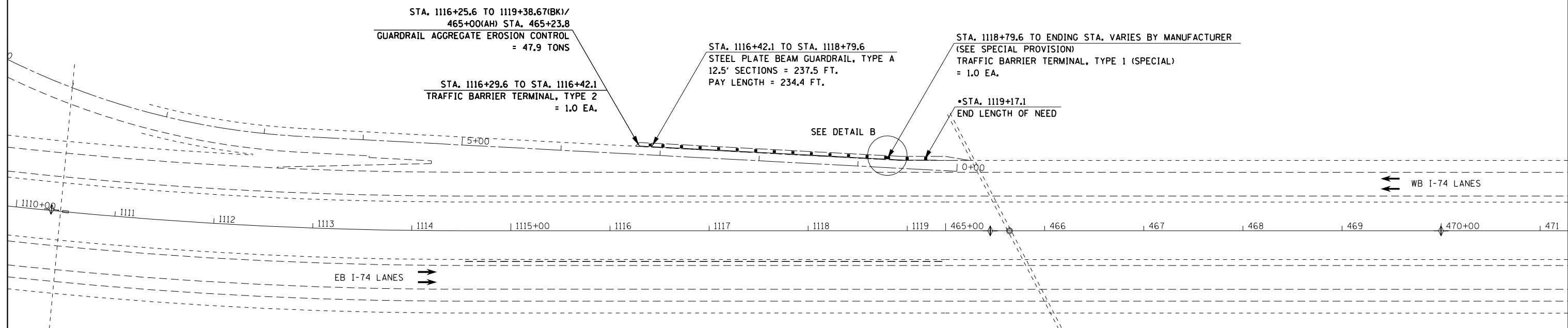
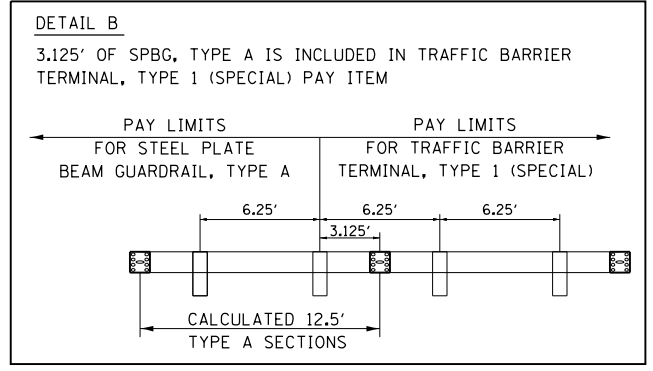
DATE OCTOBER 14, 2016
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINGWALL MODIFICATION
FAI 74 OVER FRENCH CREEK
SN 048-0054 & 0055

SHEET NO. 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	-	KNOX	124	74
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



• LENGTH OF NEED CALCULATED USING STANDARD 630301-06 (PRIOR VERSION); ASSUMING 37'-6" OF TYPE 1 (SPECIAL) INCLUDED IN LENGTH OF NEED.

NOTE:
 REFER TO SCHEDULE OF QUANTITIES FOR GUARDRAIL REMOVAL LENGTHS



FILE NAME = D468507-sht-guardrail.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION
 (WB OVERHEAD SIGN STRUCTURE)**

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

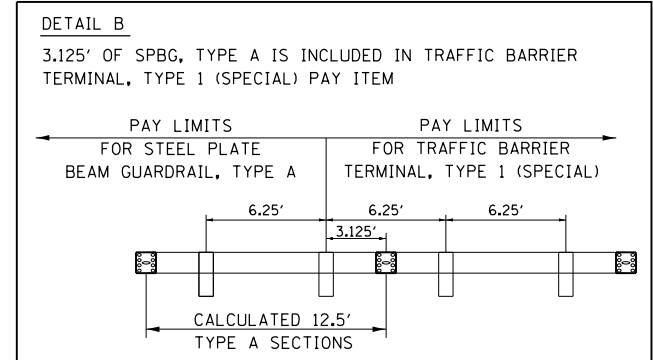
F.A.I. RTE. 74	SECTION •	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 75
CONTRACT NO. 68507			ILLINOIS FED. AID PROJECT	

• 48-I29RS-7,30RS-1;72-3RS-2



• LENGTH OF NEED CALCULATED USING STANDARD 630301-06 (PRIOR VERSION); ASSUMING 37'-6" OF TYPE 1 (SPECIAL) INCLUDED IN LENGTH OF NEED.

NOTE:
REFER TO SCHEDULE OF QUANTITIES FOR GUARDRAIL REMOVAL LENGTHS



S.N. 048-0054 CARRYING
W.B. I-74 OVER FRENCH CREEK

SEE WINGWALL MODIFICATION SHEET

LT. STA. 682+99.8 TO STA. 683+47.8
TRAFFIC BARRIER TERMINAL, TYPE 6
= 1.0 EA.

LT. STA. 682+62.3 TO STA. 682+99.8
STEEL PLATE BEAM GUARDRAIL, TYPE A
12.5' SECTIONS = 37.5 FT.
PAY LENGTH = 37.5 FT.

LT. STA. 682+45.8 TO STA. 683+45.3
GUARDRAIL AGGREGATE EROSION CONTROL
= 14.4 TONS

LT. STA. 682+49.8 TO STA. 682+62.3
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

S.N. 048-0055 CARRYING
E.B. I-74 OVER FRENCH CREEK

SEE WINGWALL MODIFICATION SHEET

LT. STA. 684+78.2 TO STA. 685+23.85
TRAFFIC BARRIER TERMINAL, TYPE 6
= 1.0 EA.

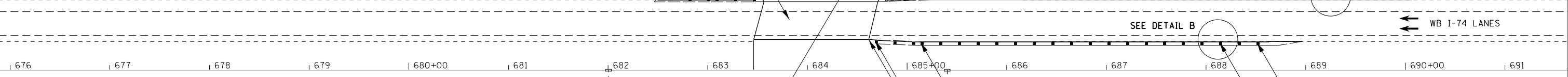
LT. STA. 684+80.7 TO STA. 684+96.3
CONCRETE CURB, TYPE B
= 15.0 FT.

LT. STA. 684+80.7 TO STA. 690+06.76
GUARDRAIL AGGREGATE EROSION CONTROL
= 75.1 TONS

LT. STA. 685+23.85 TO STA. 689+23.85
STEEL PLATE BEAM GUARDRAIL, TYPE A
12.5' SECTIONS = 400.0 FT.
PAY LENGTH = 396.9 FT.

LT. STA. 689+23.85 TO ENDING STA. VARIES BY MANUFACTURER (SEE SPECIAL PROVISION)
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)
= 1.0 EA.

*STA. 689+61.35
END LENGTH OF NEED



LT. STA. 679+06 TO STA. 683+22.63
GUARDRAIL AGGREGATE EROSION CONTROL
= 58.9 TONS

RT. STA. 678+85.8 TO STA. 683+11.78
GUARDRAIL AGGREGATE EROSION CONTROL
= 60.2 TONS

BEGINNING LT. STA. VARIES BY MANUFACTURER TO STA. 679+91.98 (SEE SPECIAL PROVISION)
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)
= 1.0 EA.

BEGINNING RT. STA. VARIES BY MANUFACTURER TO STA. 679+68.63 (SEE SPECIAL PROVISION)
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)
= 1.0 EA.

*LT. STA. 679+54.48
END LENGTH OF NEED

*RT. STA. 679+31.13
END LENGTH OF NEED

SEE DETAIL A

LT. STA. 679+91.98 TO STA. 682+79.48
STEEL PLATE BEAM GUARDRAIL, TYPE A
12.5' SECTIONS = 287.5 FT.
PAY LENGTH = 284.4 FT.

RT. STA. 679+68.63 TO STA. 682+68.63
STEEL PLATE BEAM GUARDRAIL, TYPE A
12.5' SECTIONS = 300.0 FT.
PAY LENGTH = 296.9 FT.

SEE WINGWALL MODIFICATION SHEET

LT. STA. 682+79.48 TO STA. 683+25.13
TRAFFIC BARRIER TERMINAL, TYPE 6
= 1.0 EA.

LT. STA. 683+07.03 TO STA. 683+22.63
CONCRETE CURB, TYPE B
= 15.0 FT.

RT. STA. 682+68.63 TO STA. 683+14.28
TRAFFIC BARRIER TERMINAL, TYPE 6
= 1.0 EA.

RT. STA. 682+96.18 TO STA. 683+11.78
CONCRETE CURB, TYPE B
= 15.0 FT.

W.B. RT. STA. 685+13.39 TO STA. 688+13.39
STEEL PLATE BEAM GUARDRAIL, TYPE A
12.5' SECTIONS = 300.0 FT.
PAY LENGTH = 296.9 FT.

W.B. RT. STA. 684+67.74 TO STA. 685+13.39
TRAFFIC BARRIER TERMINAL, TYPE 6
= 1.0 EA.

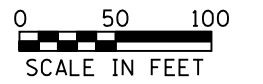
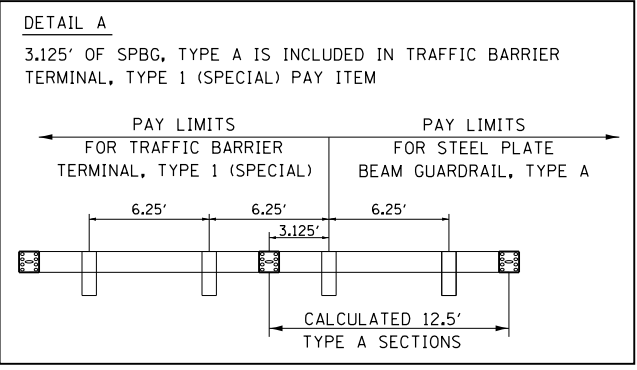
W.B. RT. STA. 684+70.24 TO STA. 688+96.3
GUARDRAIL AGGREGATE EROSION CONTROL
= 60.2 TONS

W.B. RT. STA. 684+70.24 TO STA. 684+85.84
CONCRETE CURB, TYPE B
= 15.0 FT.

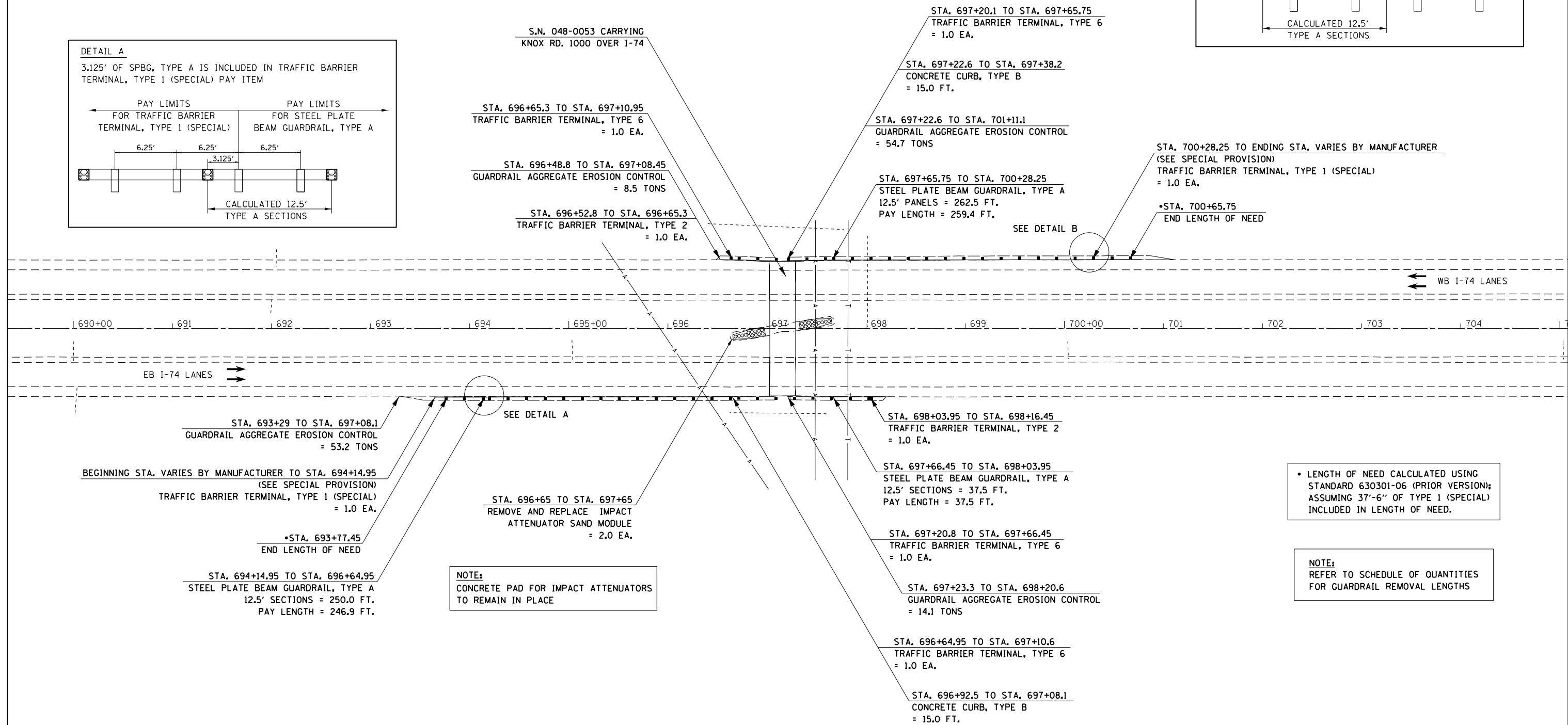
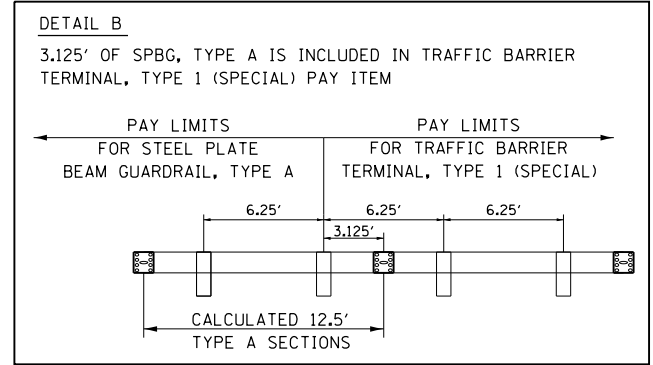
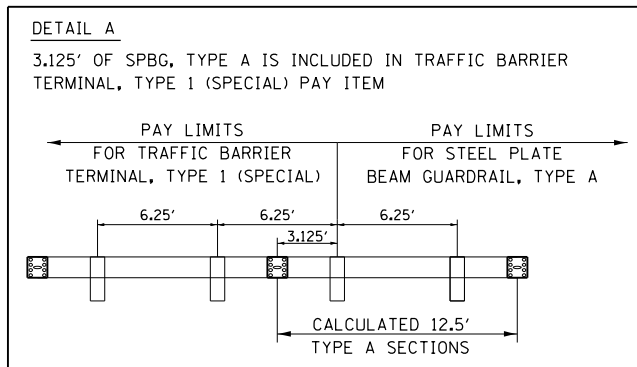
SEE WINGWALL MODIFICATION SHEET

*W.B. RT. STA. 688+50.89
END LENGTH OF NEED

W.B. RT. STA. 688+13.39 TO ENDING STA. VARIES BY MANUFACTURER (SEE SPECIAL PROVISION)
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)
= 1.0 EA.

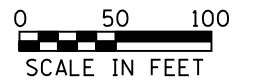


FILE NAME = D468507-shr-guardrail.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION (FRENCH CREEK)	F.A.I. RTE. = 74	SECTION = *	COUNTY = KNOX/PEORIA	TOTAL SHEETS = 124	SHEET NO. = 77		
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -			SCALE:	SHEET 3 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 68507		
	PLOT DATE = 10/31/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						
						48-I29RS-7,3ORS-1372-3RS-2						



• LENGTH OF NEED CALCULATED USING STANDARD 630301-06 (PRIOR VERSION); ASSUMING 37'-6" OF TYPE 1 (SPECIAL) INCLUDED IN LENGTH OF NEED.

NOTE: REFER TO SCHEDULE OF QUANTITIES FOR GUARDRAIL REMOVAL LENGTHS



FILE NAME = D468507-sht-guardrail.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

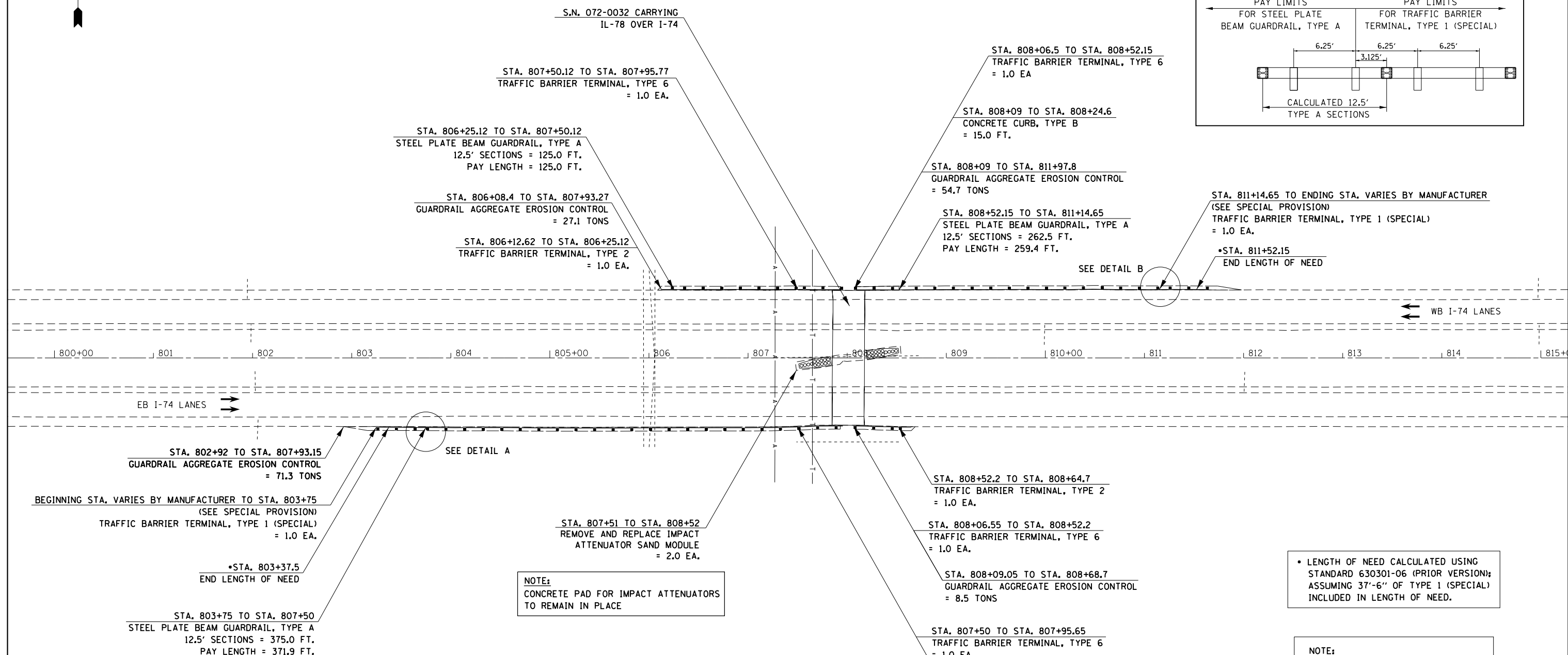
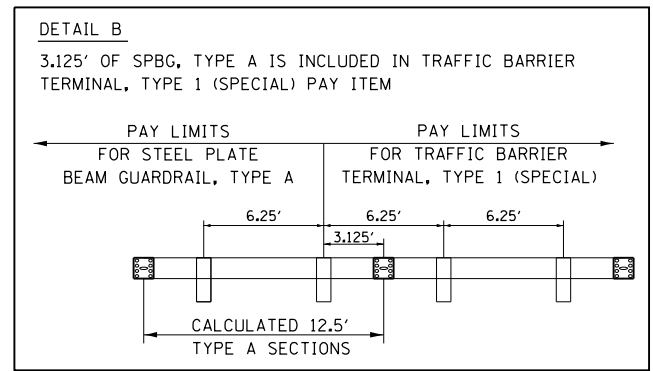
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION
 (KNOX RD. 1000)**

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

F.A.I. RTE. 74	SECTION	COUNTY KNOX/PEORIA	TOTAL SHEETS 124	SHEET NO. 78
			CONTRACT NO. 68507	
ILLINOIS FED. AID PROJECT				

• 48-I29RS-7,30RS-11;72-3RS-2



STA. 802+92 TO STA. 807+93.15 GUARDRAIL AGGREGATE EROSION CONTROL = 71.3 TONS

BEGINNING STA. VARIES BY MANUFACTURER TO STA. 803+75 (SEE SPECIAL PROVISION) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) = 1.0 EA.

• STA. 803+37.5 END LENGTH OF NEED

STA. 803+75 TO STA. 807+50 STEEL PLATE BEAM GUARDRAIL, TYPE A 12.5' SECTIONS = 375.0 FT. PAY LENGTH = 371.9 FT.

STA. 807+51 TO STA. 808+52 REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE = 2.0 EA.

NOTE:
 CONCRETE PAD FOR IMPACT ATTENUATORS TO REMAIN IN PLACE

STA. 808+52.2 TO STA. 808+64.7 TRAFFIC BARRIER TERMINAL, TYPE 2 = 1.0 EA.

STA. 808+06.55 TO STA. 808+52.2 TRAFFIC BARRIER TERMINAL, TYPE 6 = 1.0 EA.

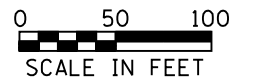
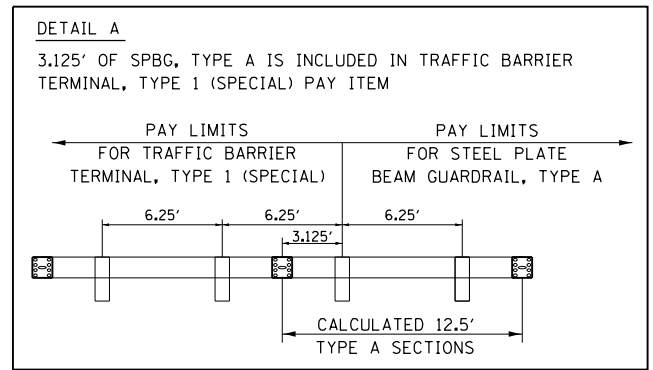
STA. 808+09.05 TO STA. 808+68.7 GUARDRAIL AGGREGATE EROSION CONTROL = 8.5 TONS

STA. 807+50 TO STA. 807+95.65 TRAFFIC BARRIER TERMINAL, TYPE 6 = 1.0 EA.

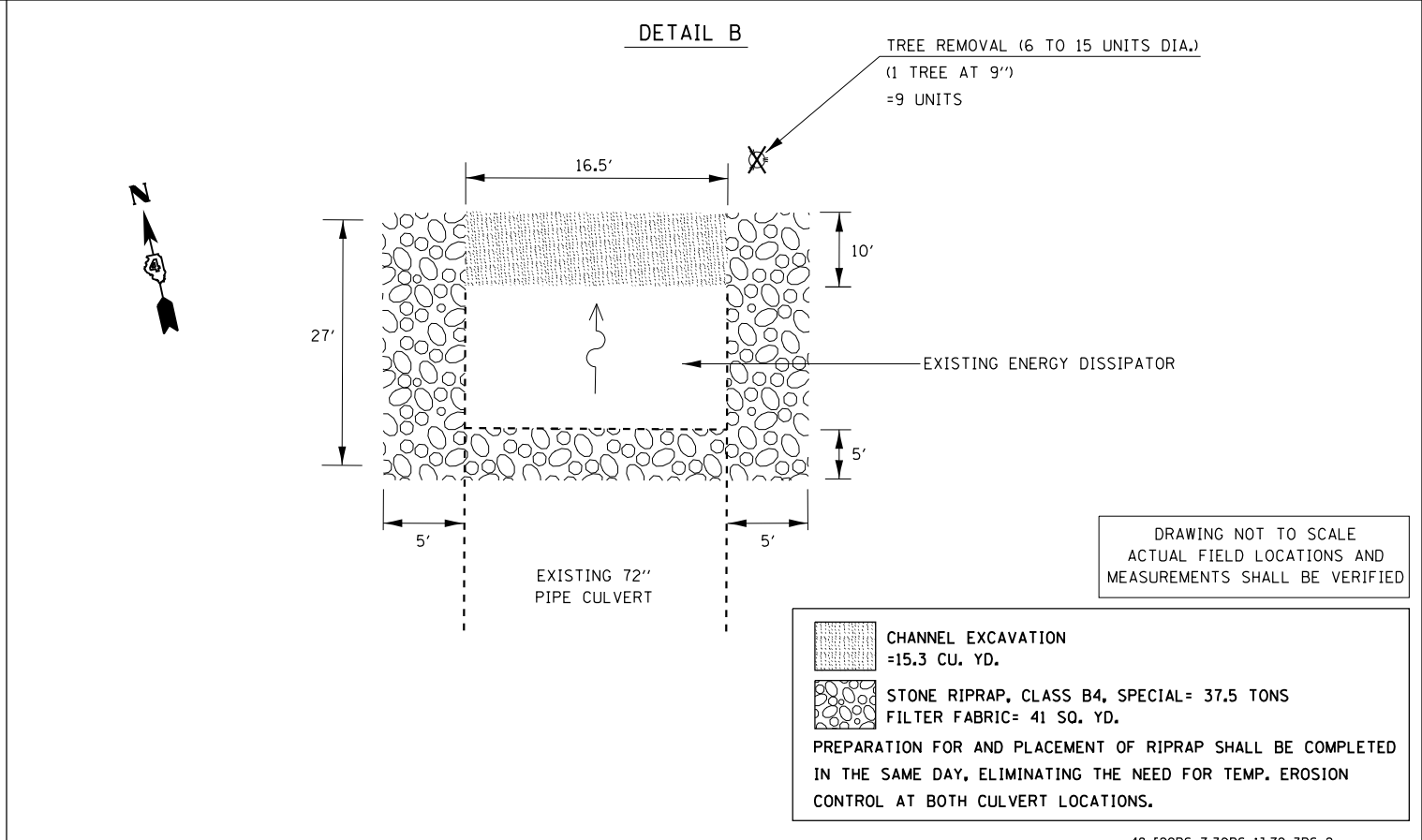
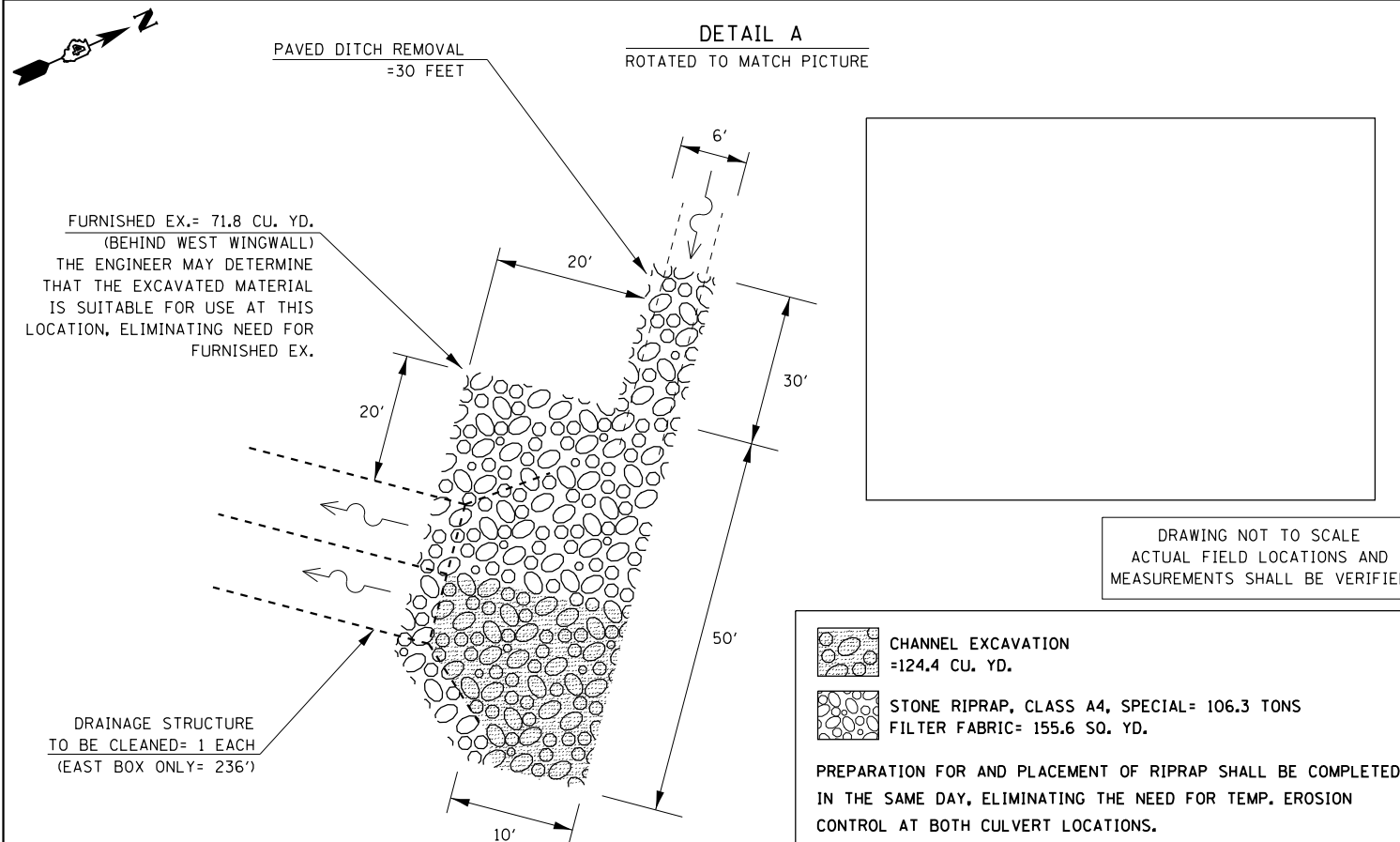
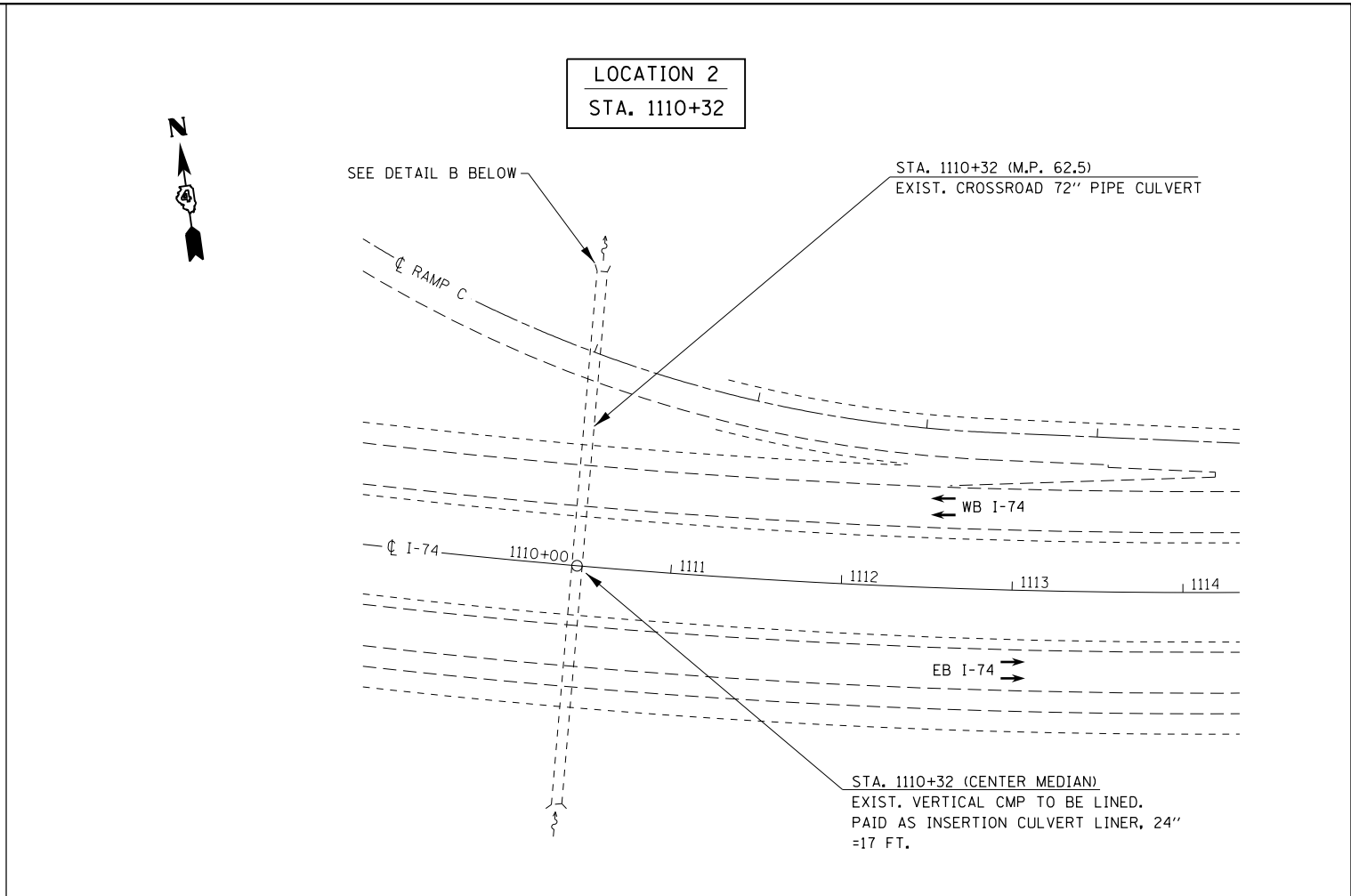
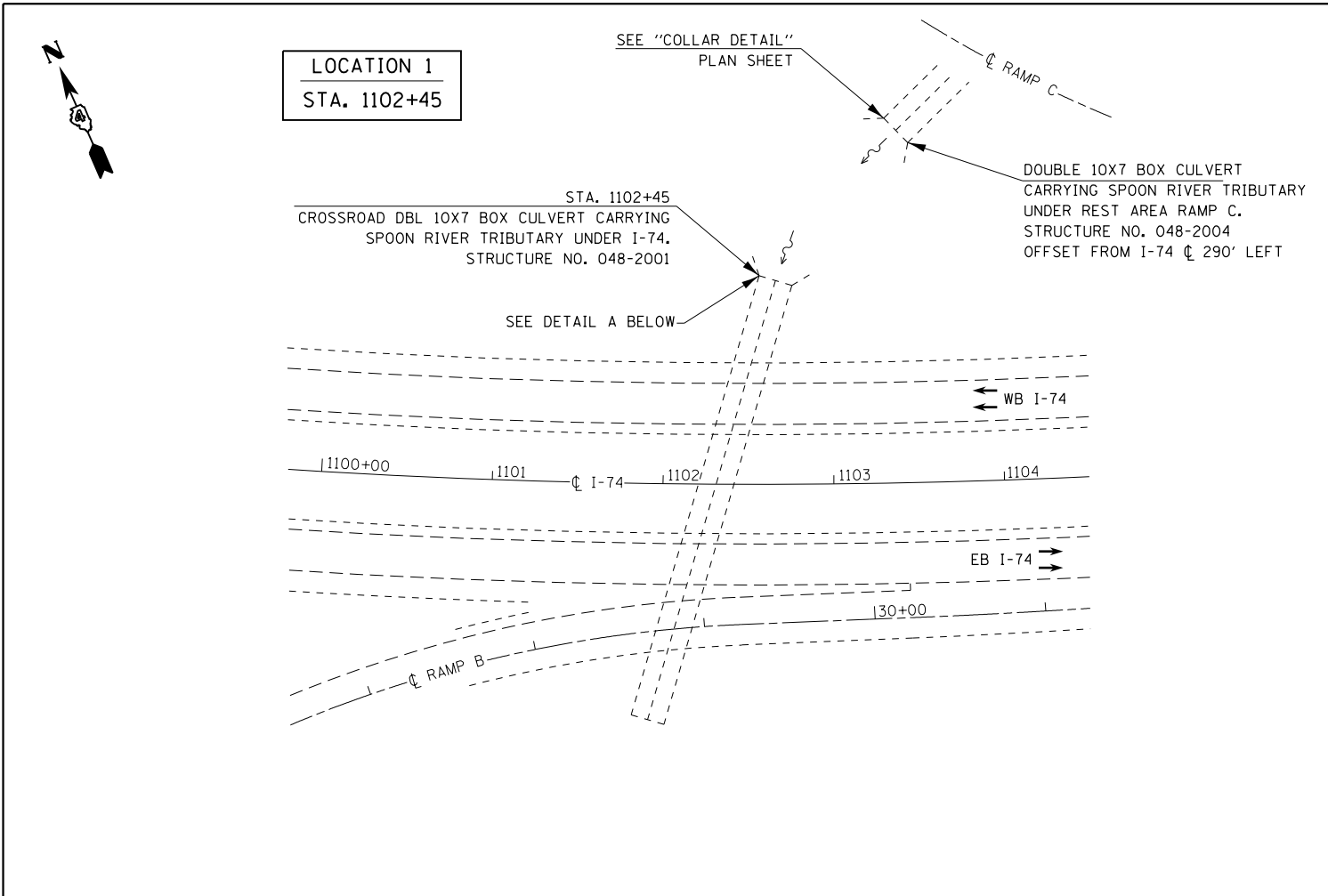
STA. 807+77.55 TO STA. 807+93.15 CONCRETE CURB, TYPE B = 15.0 FT.

• LENGTH OF NEED CALCULATED USING STANDARD 630301-06 (PRIOR VERSION); ASSUMING 37'-6" OF TYPE 1 (SPECIAL) INCLUDED IN LENGTH OF NEED.

NOTE:
 REFER TO SCHEDULE OF QUANTITIES FOR GUARDRAIL REMOVAL LENGTHS



FILE NAME = D468507-shr-guardrail.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED GUARDRAIL & MEDIAN PIER PROTECTION (IL-78)	F.A.I. RTE. = 74	SECTION =	COUNTY =	TOTAL SHEETS = 124	SHEET NO. = 79		
Default	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			SCALE:	SHEET 5 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -			CONTRACT NO. 68507						
		DATE -	REVISED -			48-I29RS-7,30RS-11;72-3RS-2						



FILE NAME = D468507-sht-drainage details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & EROSION CONTROL DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

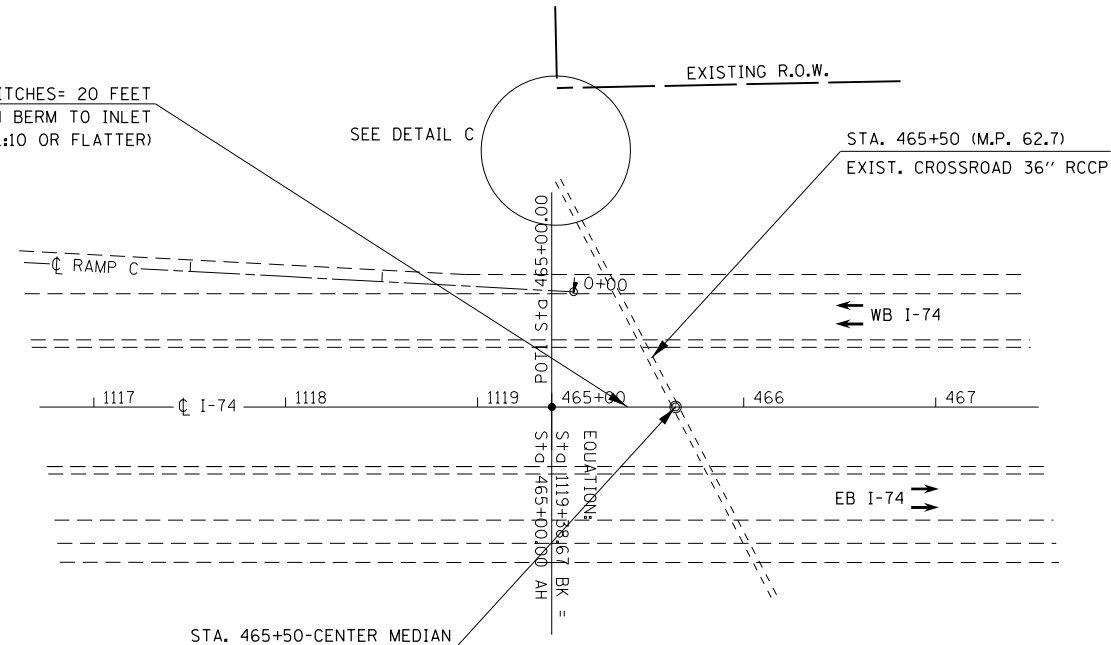
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	80
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2

LOCATION 3
STA. 465+50



GRADING AND SHAPING DITCHES= 20 FEET
EXISTING EARTH BERM TO INLET
(GRADE SHALL BE A MIN. 1:10 OR FLATTER)

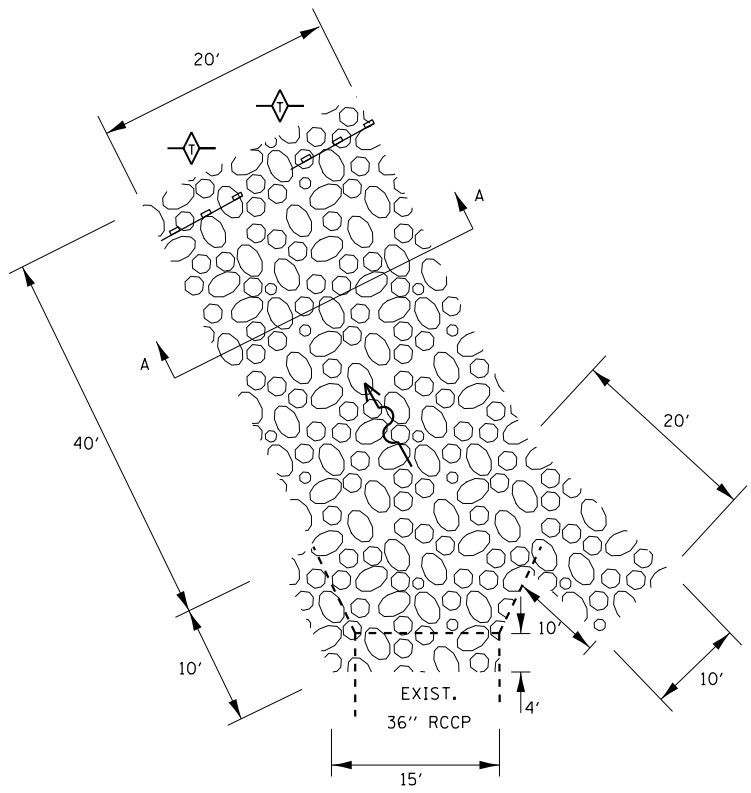
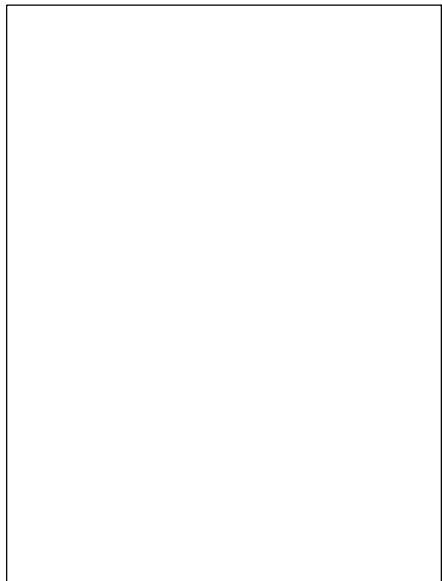


STA. 465+50-CENTER MEDIAN
REMOVE FRAME AND GRATE, SPECIAL= 1 EACH (SEE PLAN NOTE)
PROPOSED WORK PAID AS MEDIAN INLET (604106)= 1 EACH
TO BE PLACED ON EXIST. CONC. STOOL

PLAN NOTE:
THE EXISTING TYPE 37 FRAME AND GRATE SHALL
BE DELIVERED TO THE KNOX COUNTY MAINT. YARD,
1393 KNOX HIGHWAY 9
GALESBURG, IL 61401
CONTACT JOHN HARMANN AT 309-264-1640

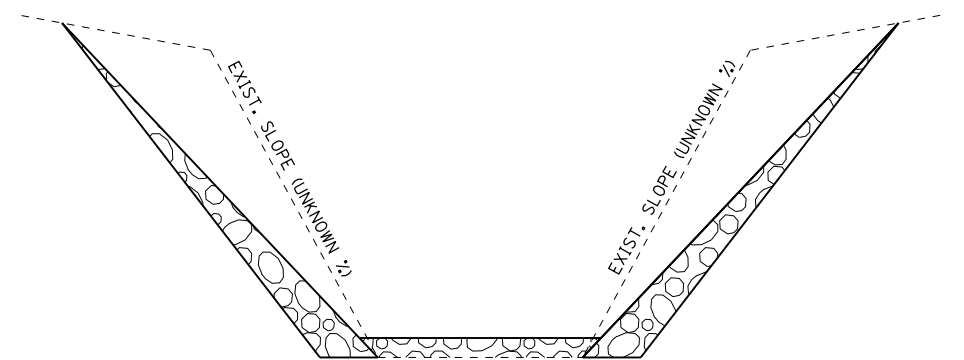
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
- (SEE SCHEDULE FOR QUANTITIES)

DETAIL C



EXISTING SLOPE

SECTION A-A
SEE SPECIAL PROVISION



DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

STONE DUMPED RIPRAP, CLASS B5 SPECIAL
=271.1 TONS

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

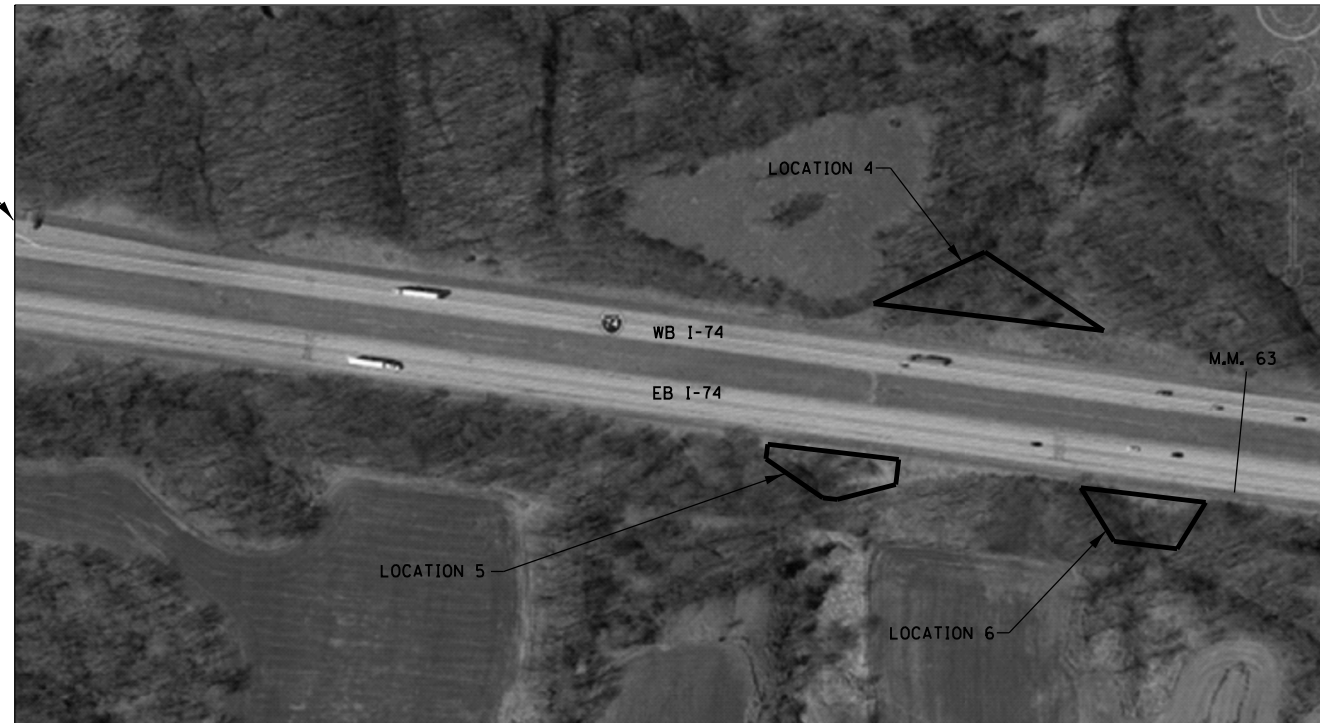
PROPOSED DRAINAGE & EROSION CONTROL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

48-I29RS-7,30RS-11;72-3RS-2		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		74	.	KNOX/PEORIA	124	81
						CONTRACT NO. 68507
ILLINOIS FED. AID PROJECT						

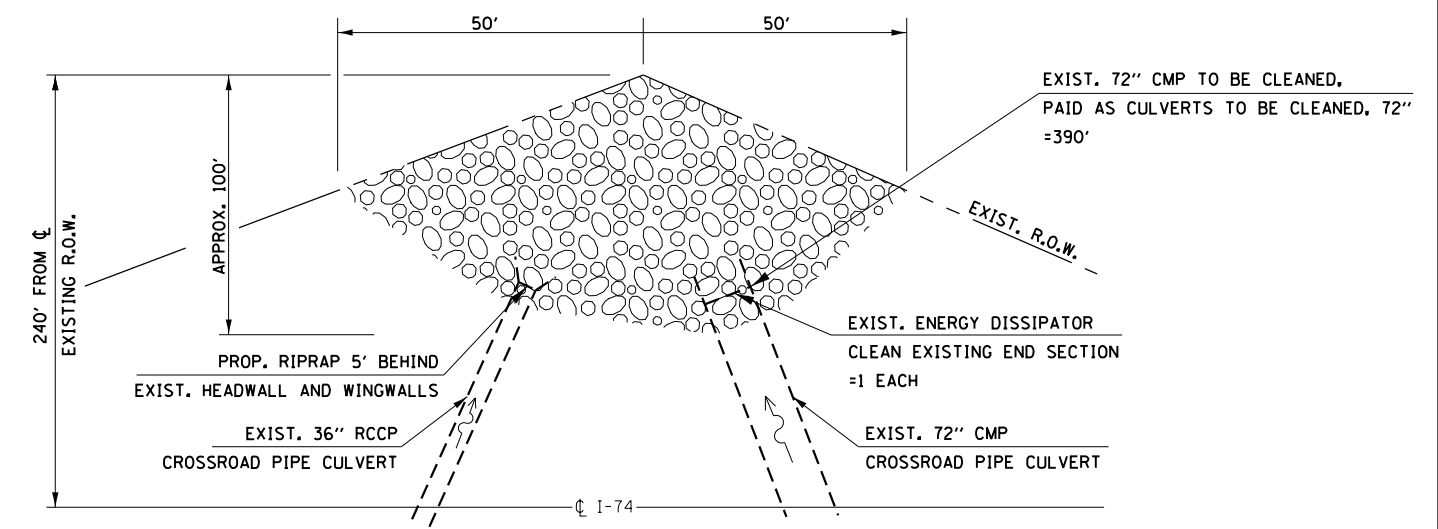


REST AREA
RAMP C



SEE THE NEXT PLAN SHEET FOR TREE REMOVAL AND TEMP. EROSION CONTROL ITEMS FOR LOCATIONS 4-6

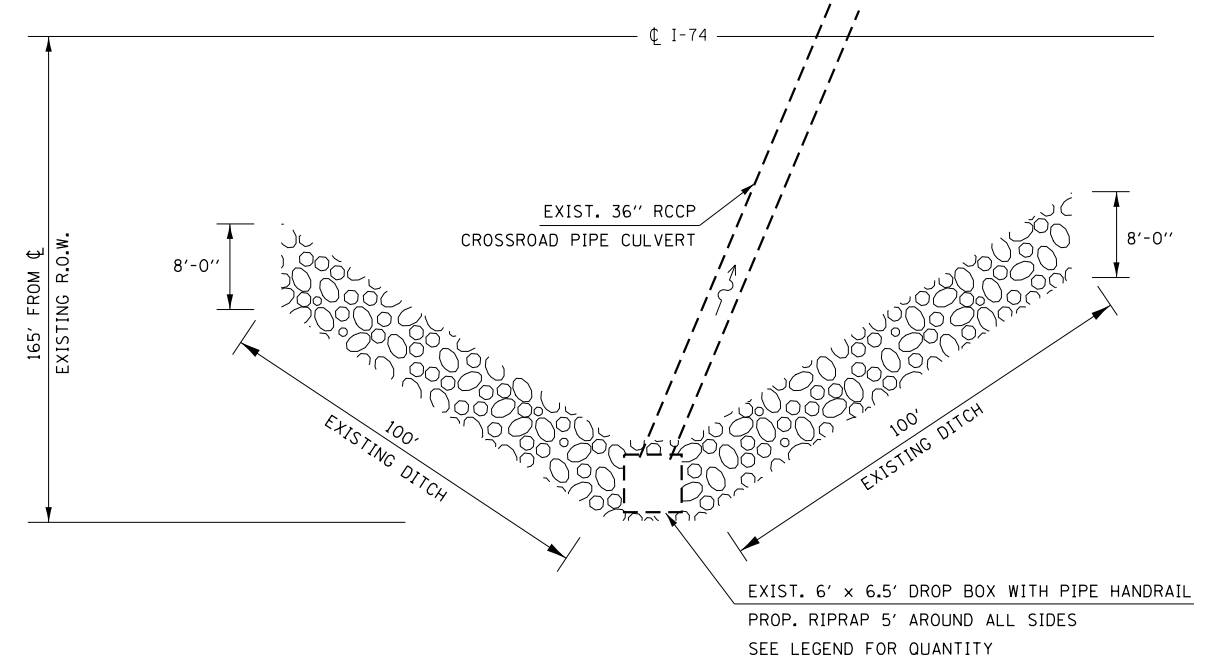
LOCATION 4
LT. STA. 478+00



STONE DUMPED RIPRAP, CLASS B4 SPECIAL= 1012.3 TONS

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

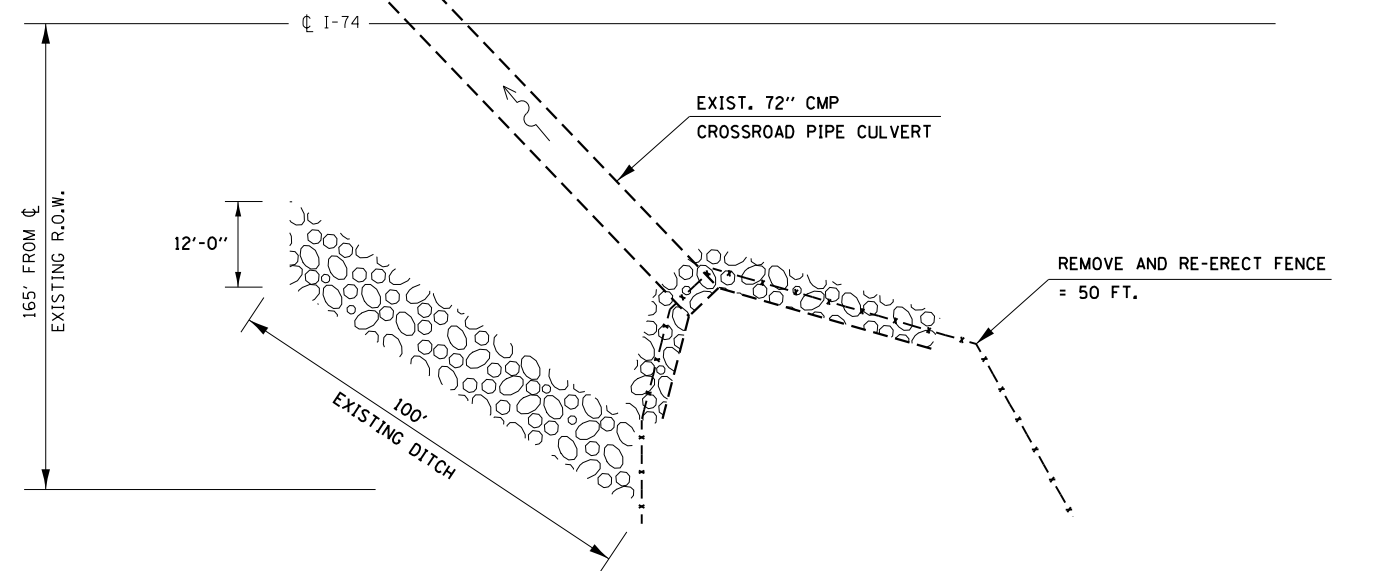
LOCATION 5
RT. STA. 475+45



STONE RIPRAP, CLASS B4= 184.6 TONS
FILTER FABRIC= 203 SQ. YD.

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

LOCATION 6
RT. STA. 479+40



STONE RIPRAP, CLASS B4= 145.1 TONS
FILTER FABRIC= 160 SQ. YD.

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

• 48-I29RS-7,30RS-1;72-3RS-2

FILE NAME = D468507-sht-drainage details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

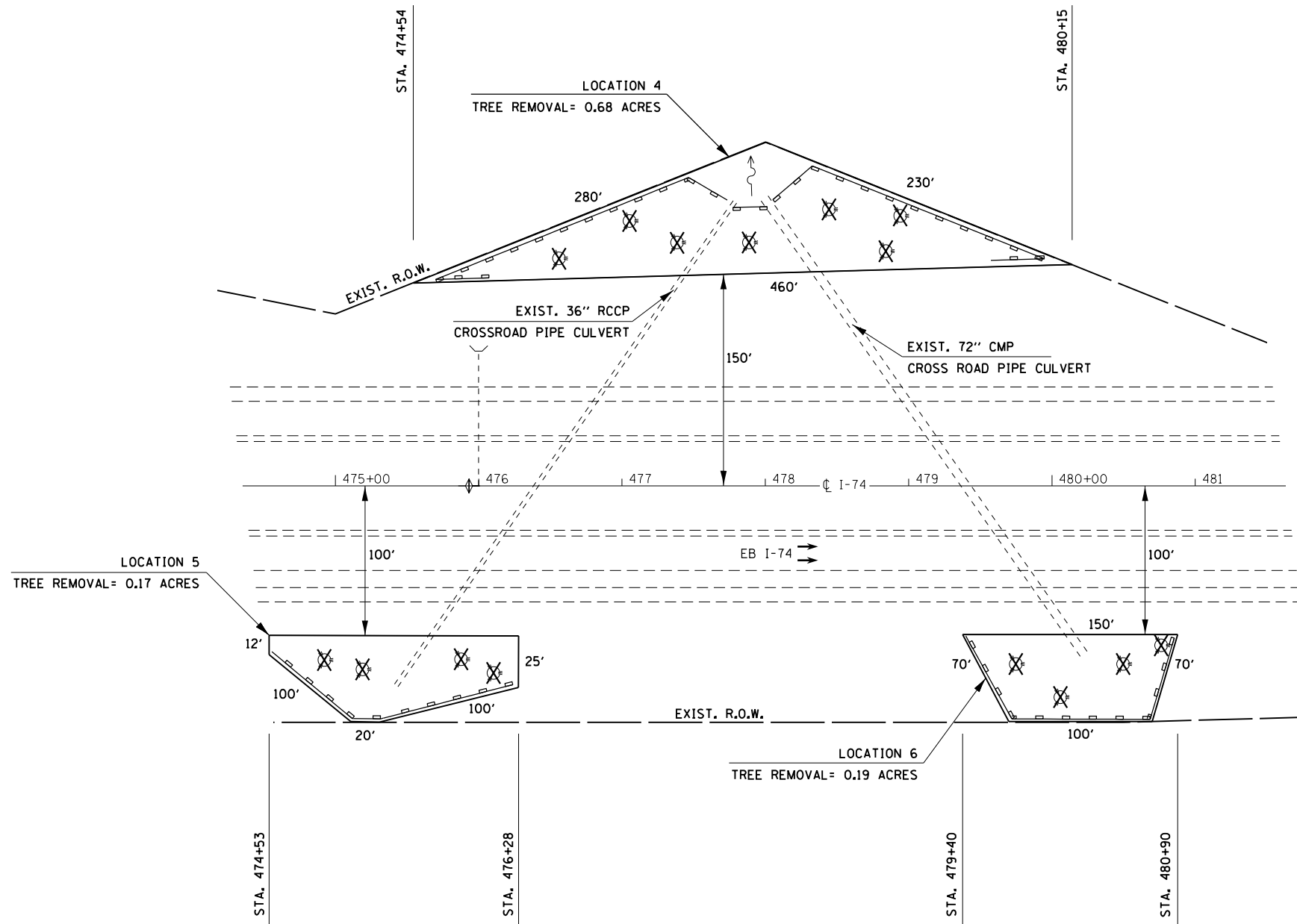
PROPOSED DRAINAGE & EROSION CONTROL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	82
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



LOCATIONS 4-6



- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
- (SEE SCHEDULE FOR QUANTITIES)

FOR SEEDING, CLASS 2A & RELATED ITEMS SEE SCHEDULE

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & EROSION CONTROL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

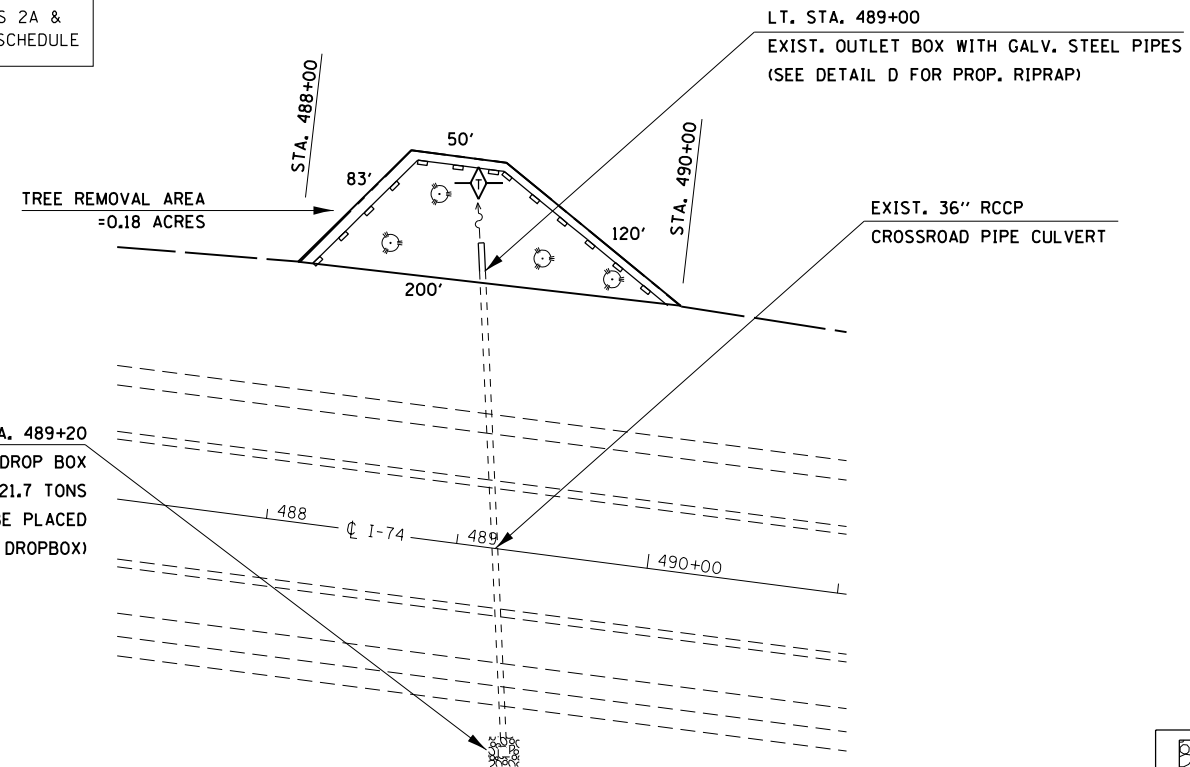
F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		.	KNOX/PEORIA	124	83
CONTRACT NO. 68507					
ILLINOIS FED. AID PROJECT					

• 48-[29RS-7,30RS-1];72-3RS-2



LOCATION 7
STA. 489+00

FOR SEEDING, CLASS 2A &
RELATED ITEMS SEE SCHEDULE

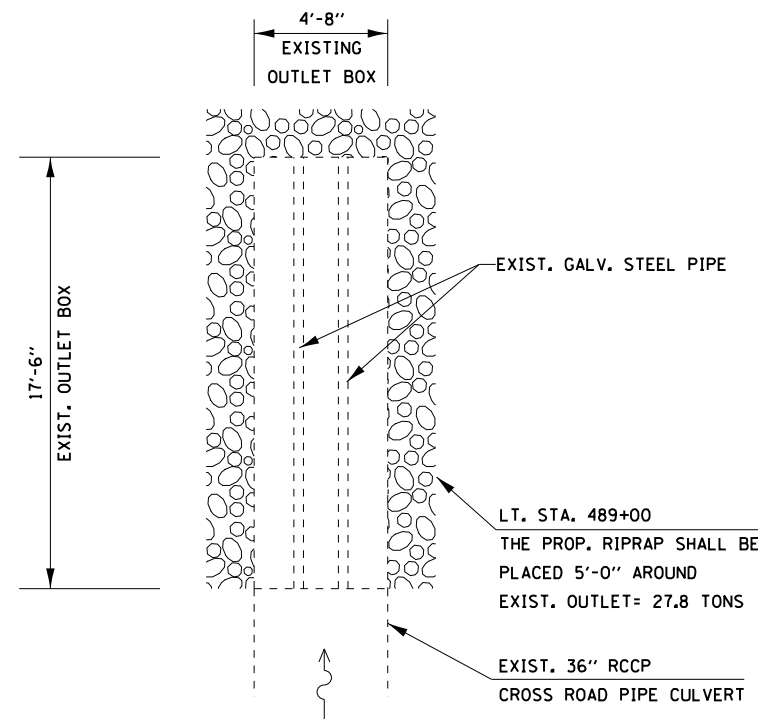


RT. STA. 489+20
EXISTING 5'-6" x 6'-0" DROP BOX
STONE RIPRAP, CLASS B4= 21.7 TONS
(RIPRAP SHALL BE PLACED
5'-0" AROUND EXIST. DROPBOX)

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
(SEE SCHEDULE FOR QUANTITIES)

LOCATION 7 TOTAL
STONE RIPRAP, CLASS B4= 49.5 TONS
FILTER FABRIC= 55 SQ. YD.
PREPARATION FOR AND PLACEMENT OF RIPRAP SHALL BE COMPLETED
IN THE SAME DAY, ELIMINATING THE NEED FOR TEMP. EROSION
CONTROL AT BOTH CULVERT LOCATIONS.

DETAIL D



DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

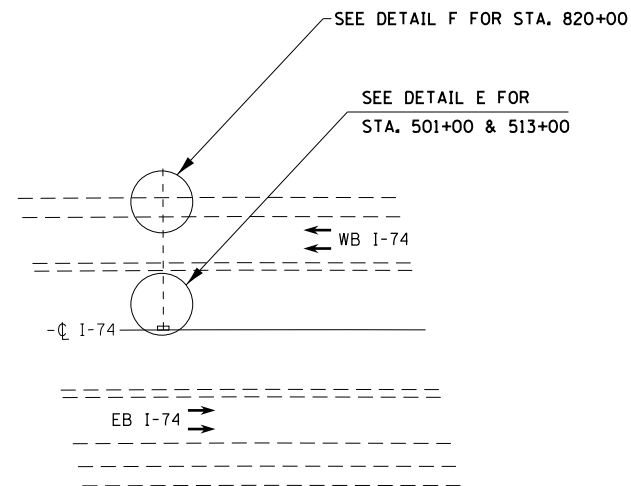
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & EROSION CONTROL DETAIL

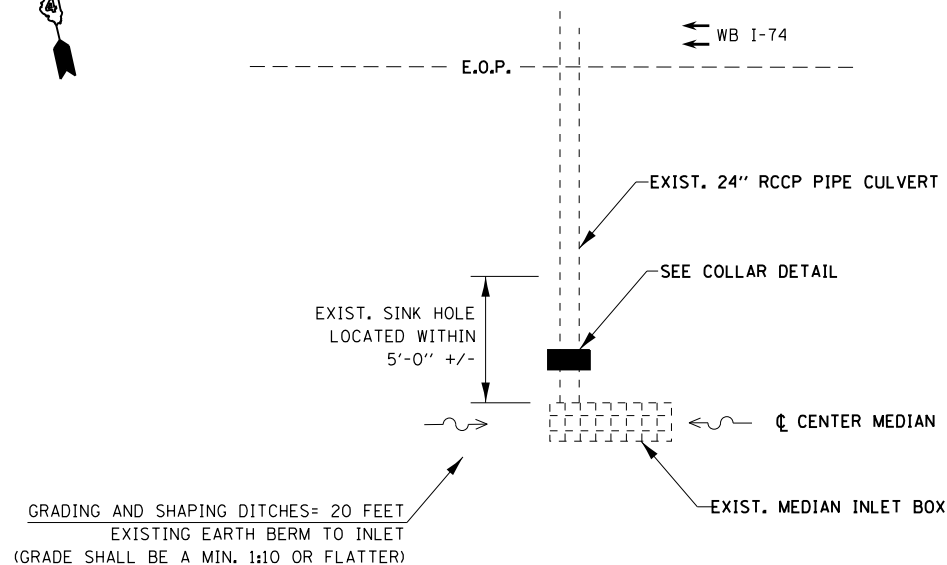
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	84
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

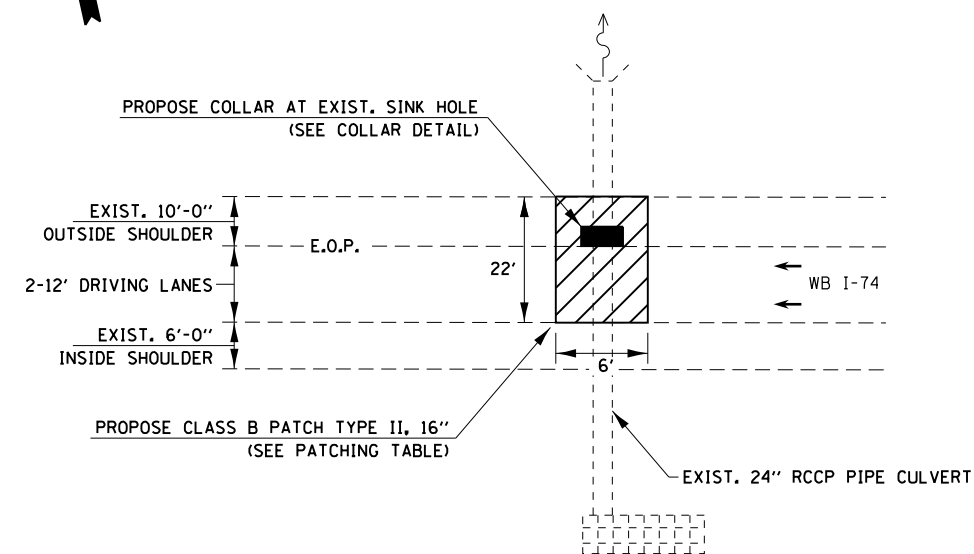
LOCATION 8
STA. 501+00, 513+00 & 820+00



DETAIL E
STA. 501+00 & 513+00



DETAIL F
STA. 820+00

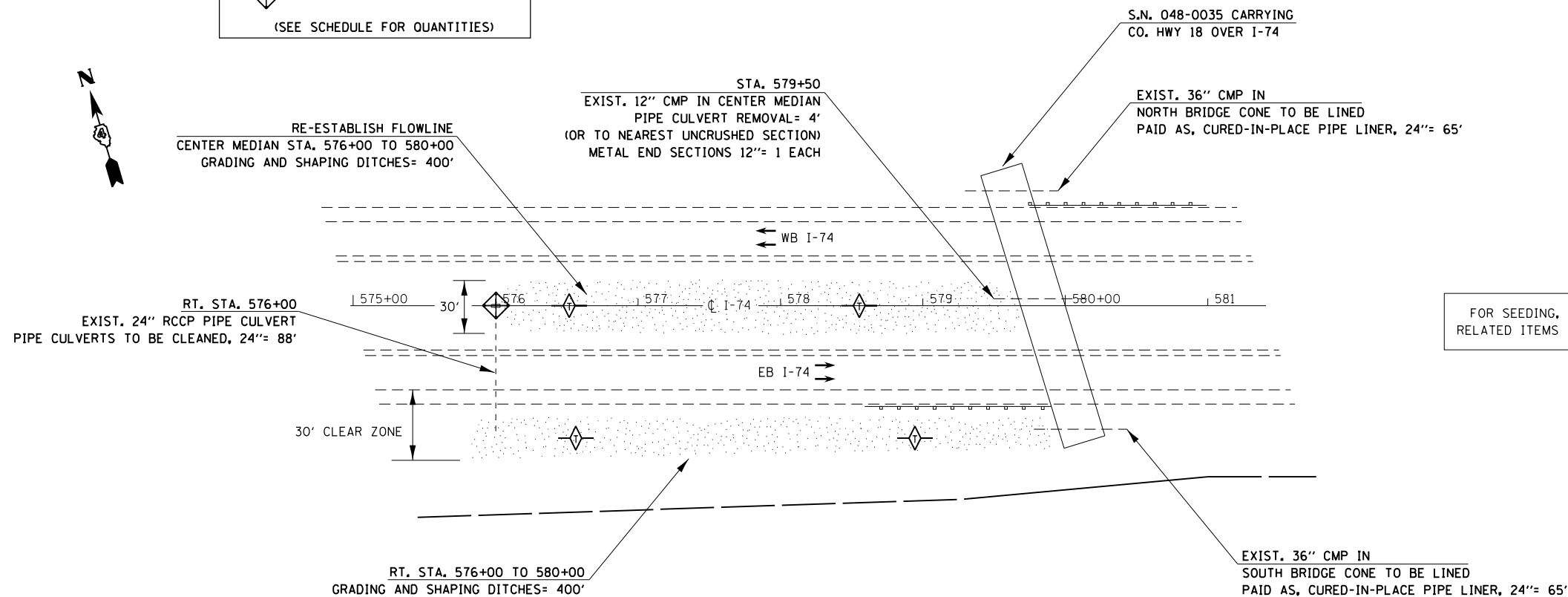


PROPOSE PIPE CULVERTS TO BE CLEANED, 24"
=88 FEET (EACH CULVERT)

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
(SEE SCHEDULE FOR QUANTITIES)

LOCATION 9
RT. STA. 576+00 TO 579+50



FOR SEEDING, CLASS 2A &
RELATED ITEMS SEE SCHEDULE

GRADING & SHAPING DITCHES

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1".	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & EROSION CONTROL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-[29RS-7,30RS-1];72-3RS-2

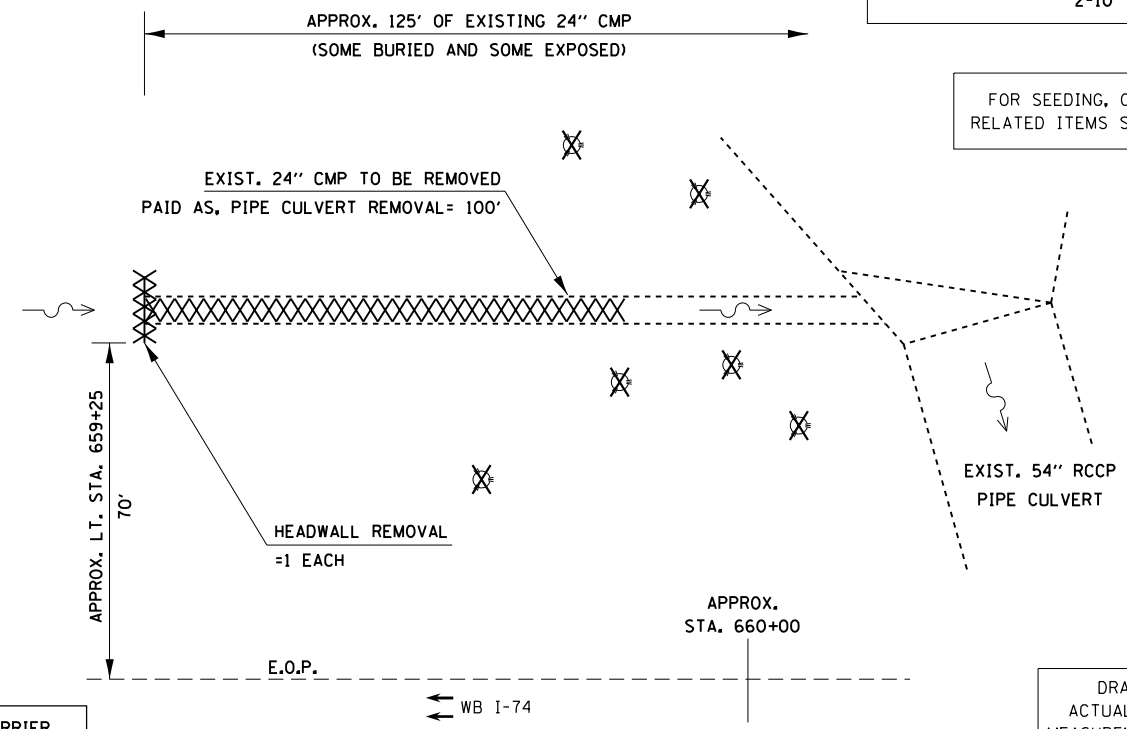


LOCATION 10
CROSSROAD CULVERT STA. 662+00 &
RT. STA. 667+30

DETAIL G

✕ TREE REMOVAL (6 TO 15 UNITS DIA.)= 66 UNITS
2-6" DIA.
2-8" DIA.
2-9" DIA.
2-10" DIA.

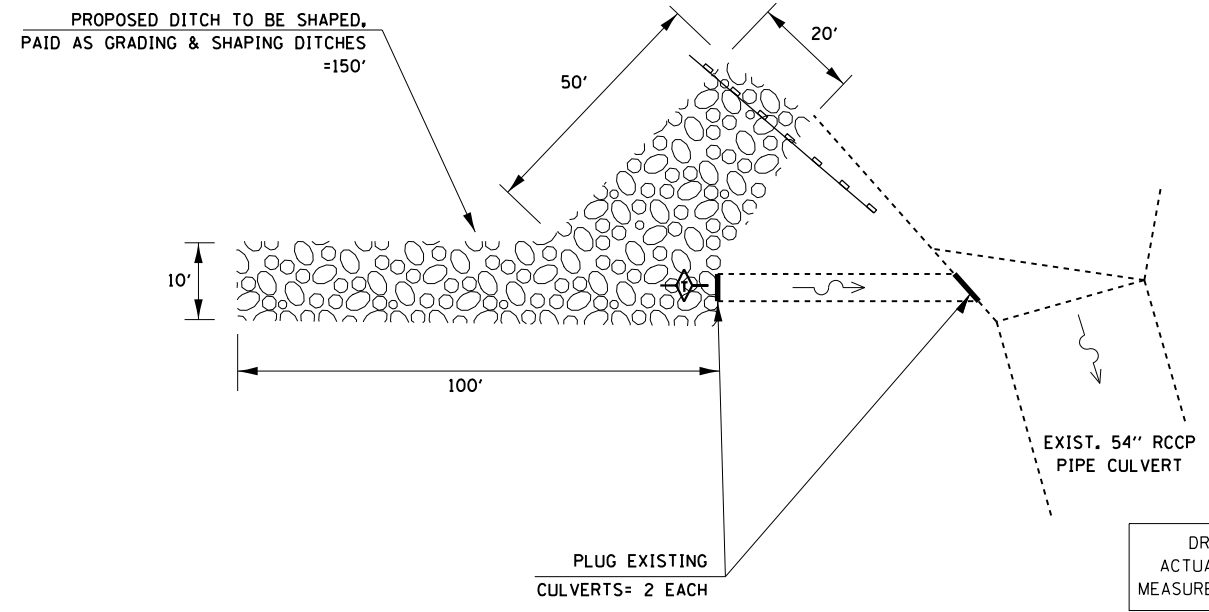
FOR SEEDING, CLASS 2A &
RELATED ITEMS SEE SCHEDULE



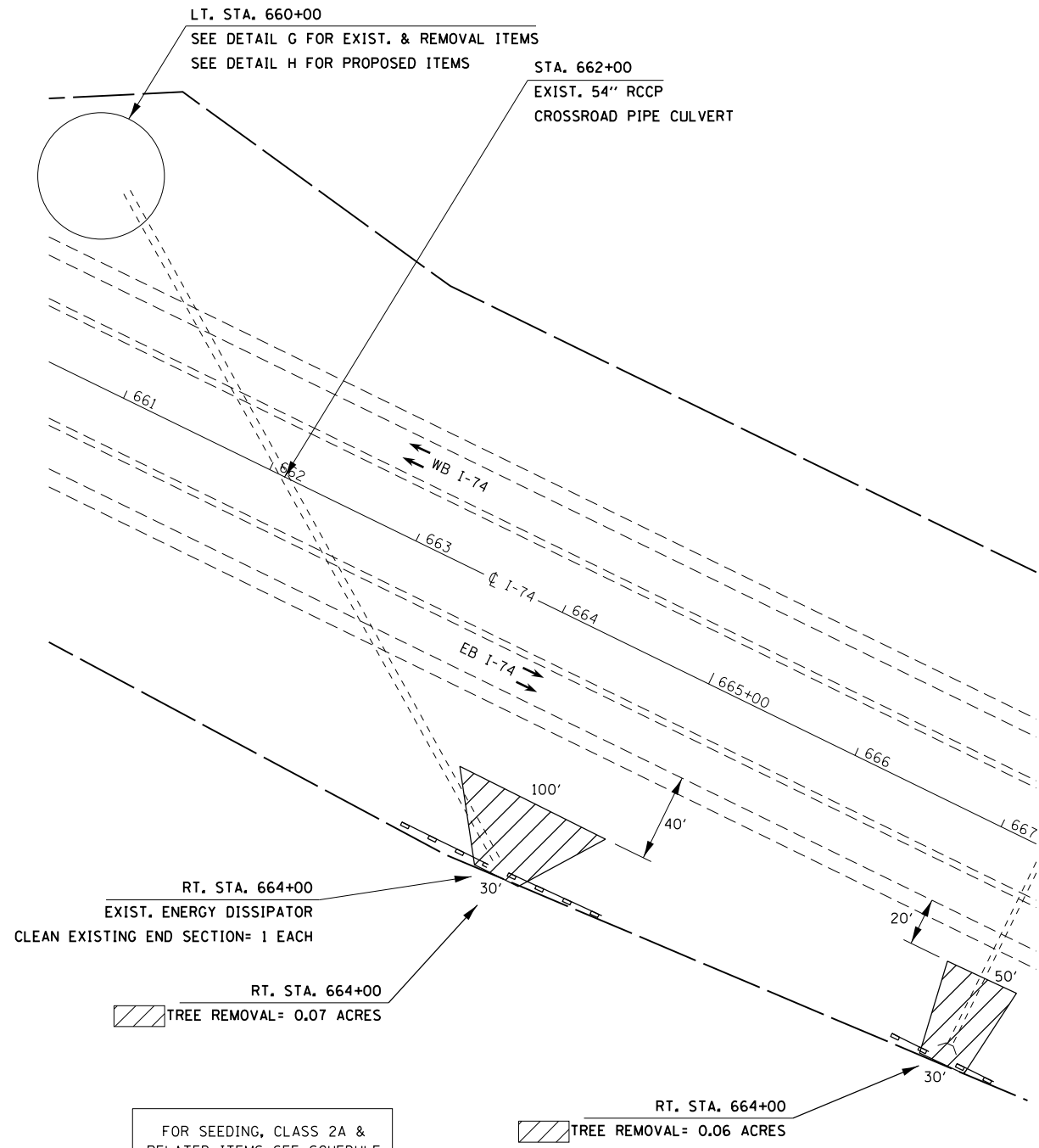
DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

- PERIMETER EROSION BARRIER
- ◇ TEMPORARY DITCH CHECKS
- ◇ INLET AND PIPE PROTECTION
(SEE SCHEDULE FOR QUANTITIES)

DETAIL H



DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED



RT. STA. 664+00
TREE REMOVAL= 0.07 ACRES

FOR SEEDING, CLASS 2A &
RELATED ITEMS SEE SCHEDULE

RT. STA. 664+00
TREE REMOVAL= 0.06 ACRES

MATCH PROPOSED RIPRAP AREA FROM LOCATION 11, DETAIL I
RT. STA. 664+00 & RT. STA. 667+30
STONE RIPRAP, CLASS B4= 18.2 TONS/ LOCATION
FILTER FABRIC= 20 SQ. YD./ LOCATION
PREPARATION FOR AND PLACEMENT OF RIPRAP SHALL BE COMPLETED
IN THE SAME DAY, ELIMINATING THE NEED FOR TEMP. EROSION
CONTROL AT BOTH CULVERT LOCATIONS.

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

LT. STA. 660+00
STONE RIPRAP, CLASS B4= 195.6 TONS
FILTER FABRIC= 215 SQ. YD.

• 48-[29RS-7,30RS-1];72-3RS-2

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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Default	PLOT DATE = 10/31/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE & EROSION CONTROL DETAIL

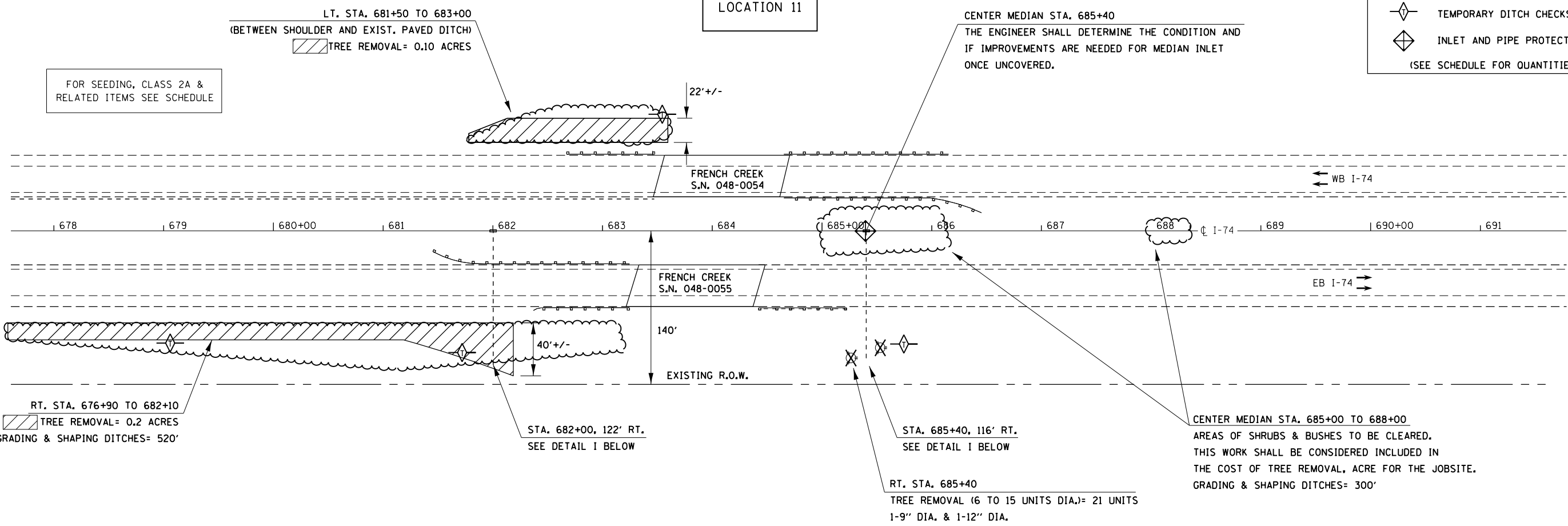
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	86
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

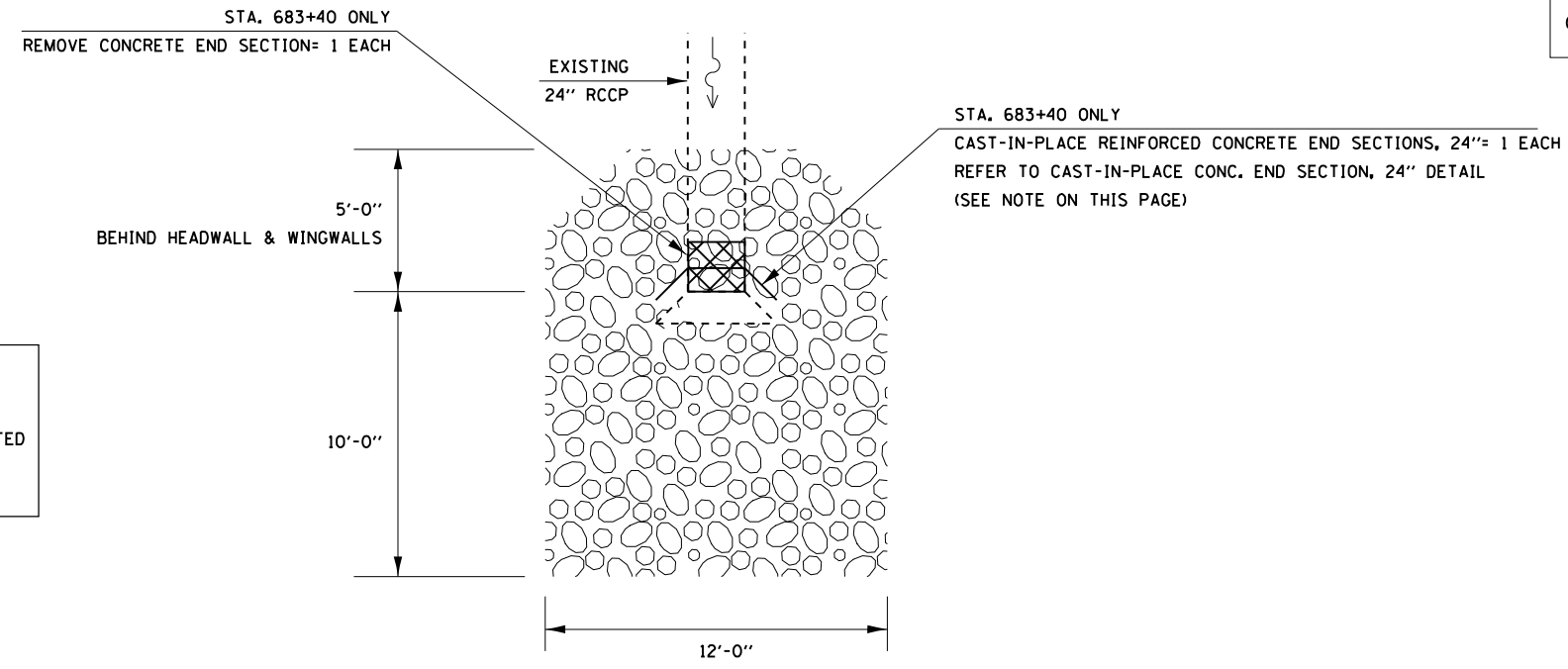


LOCATION 11

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
(SEE SCHEDULE FOR QUANTITIES)

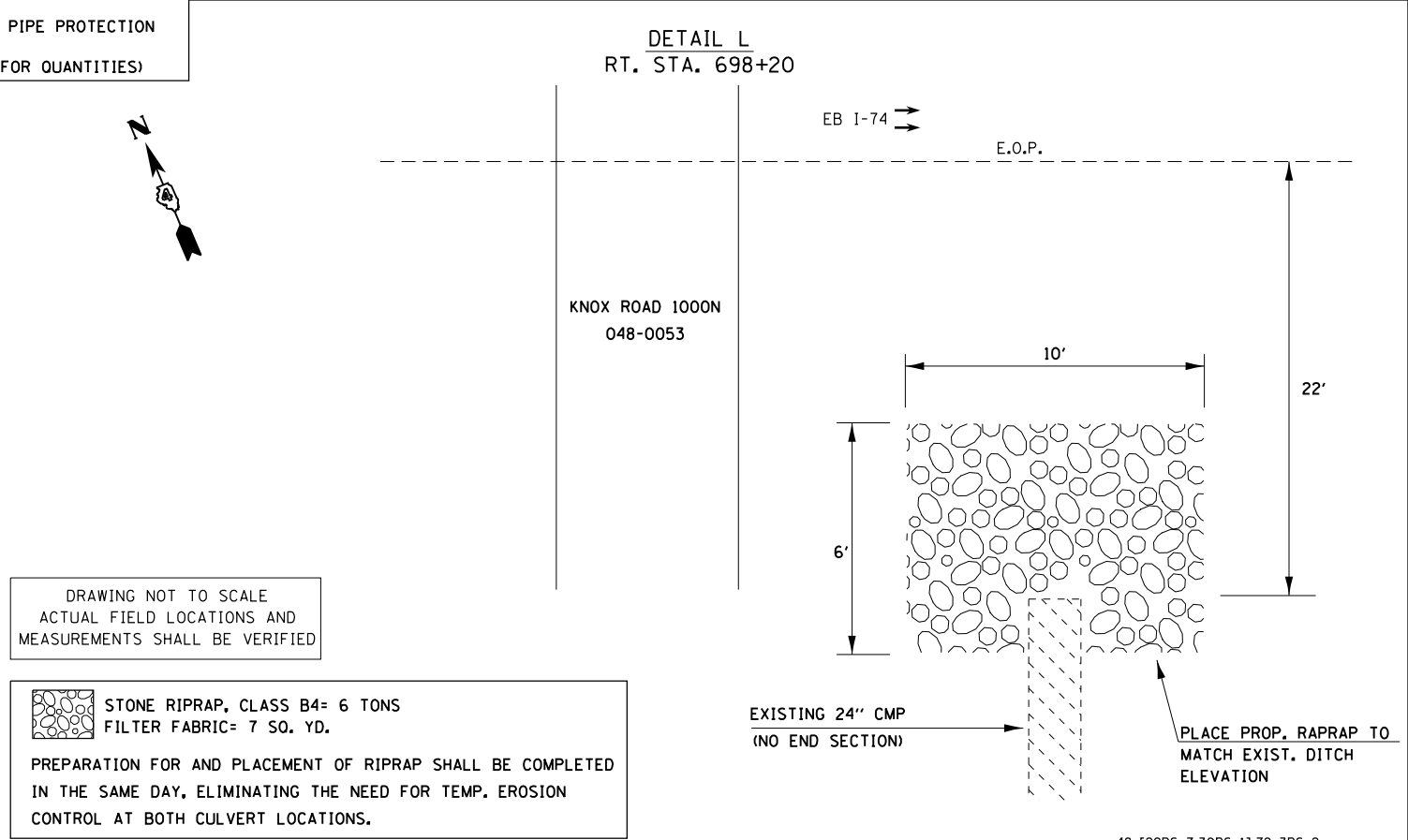
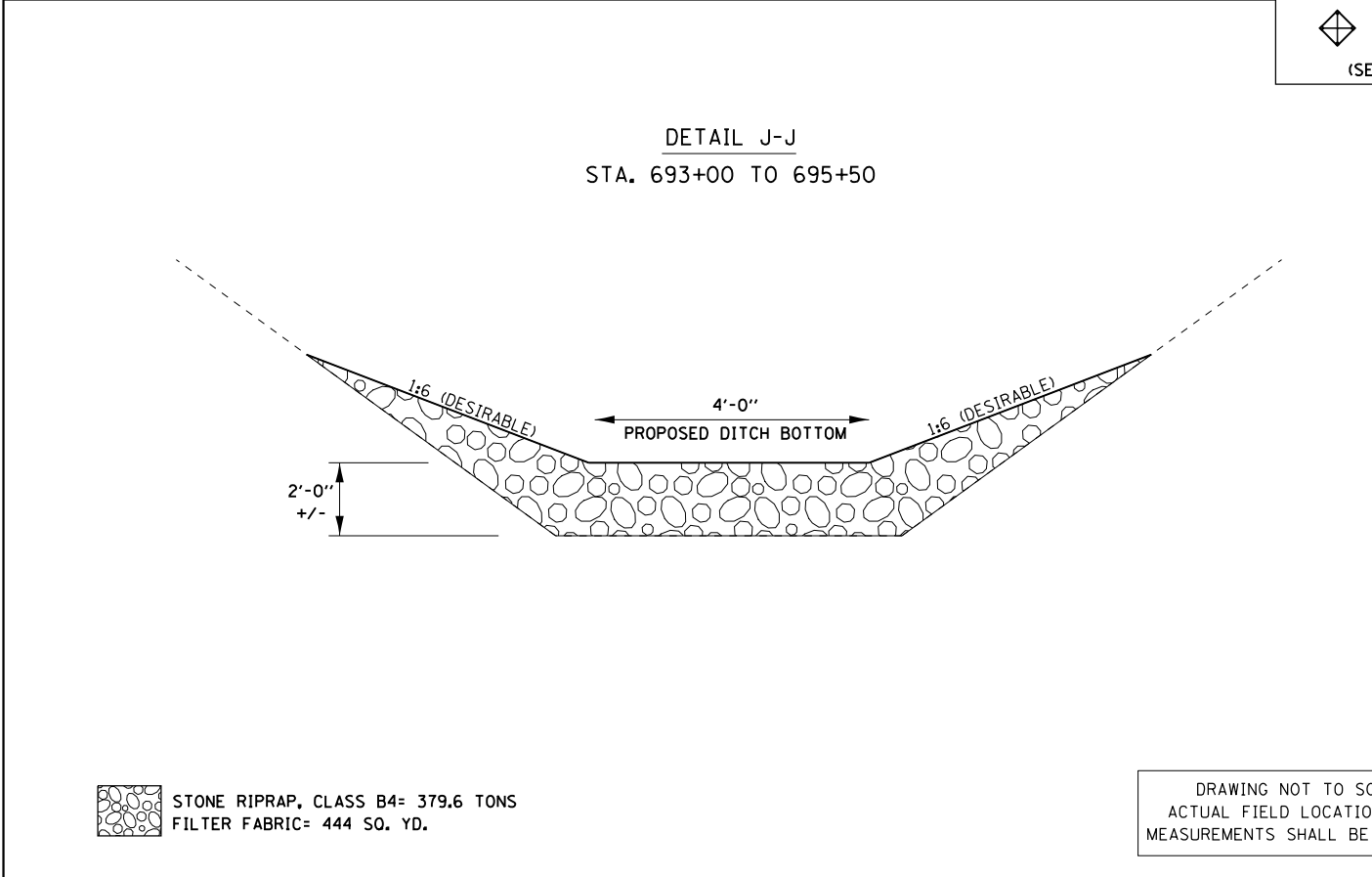
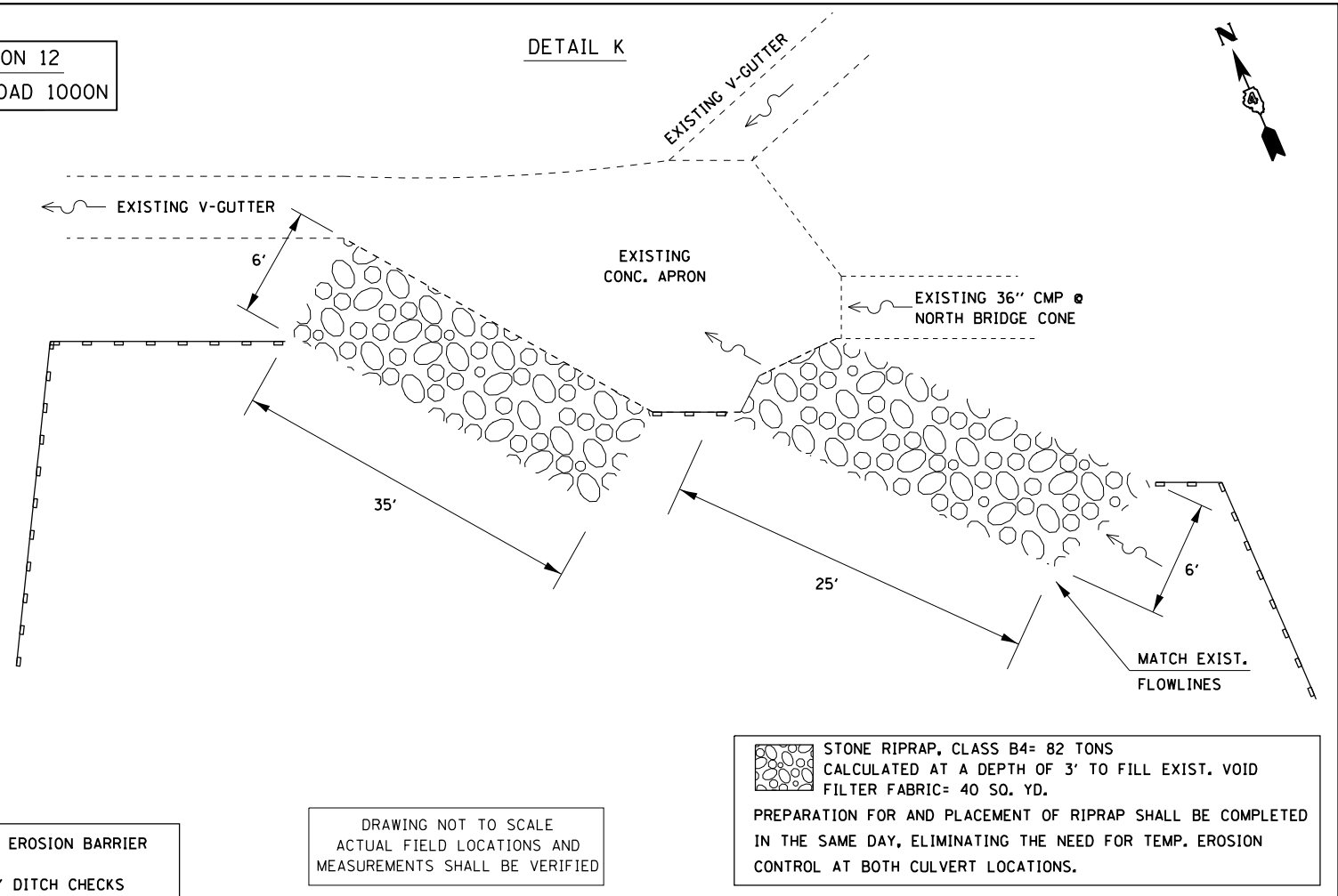
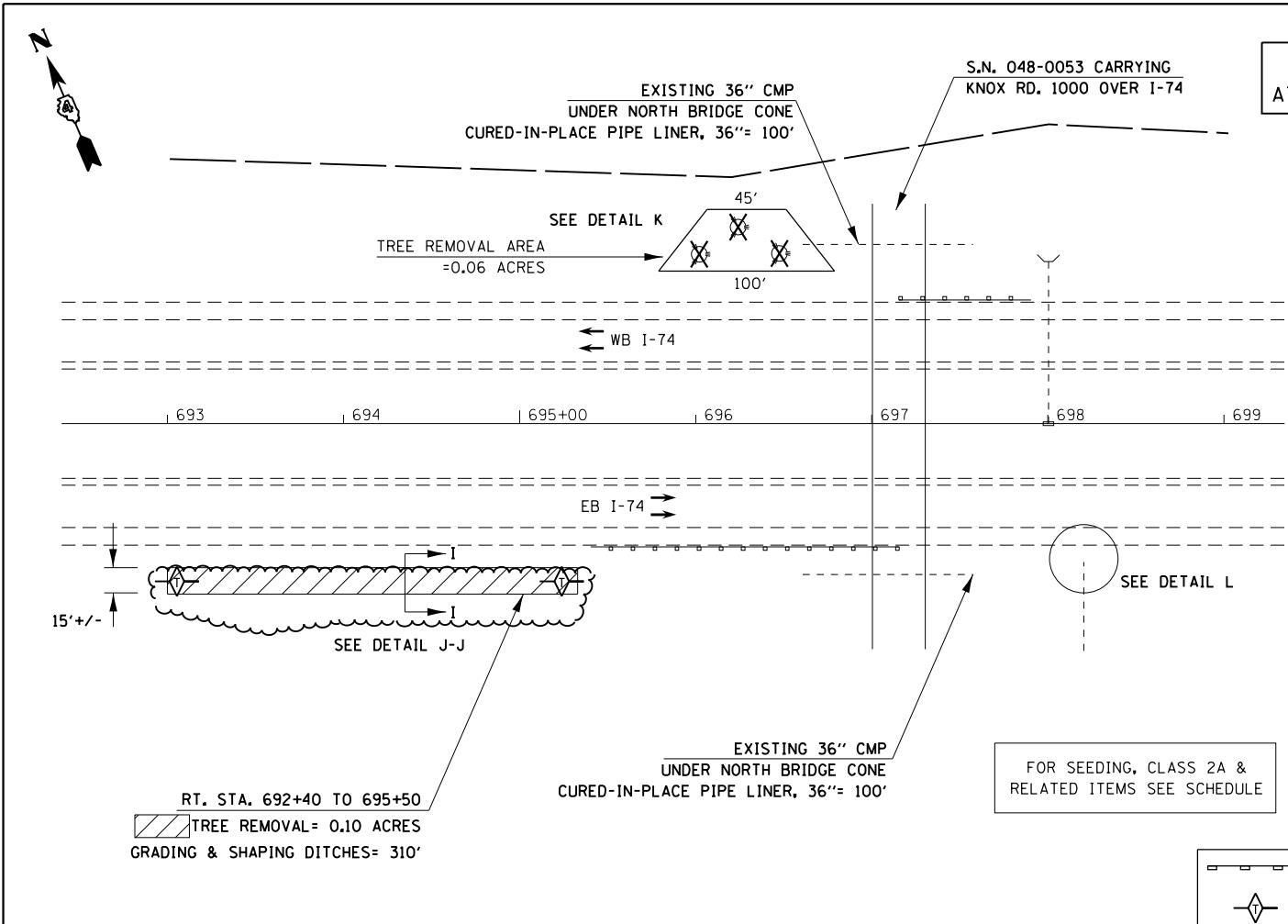


DETAIL I
STA. 682+00 & STA. 685+40



NOTE:
THE CONTRACTOR SHALL REMOVE 1' OF THE EXISTING 24" RCCP PRIOR TO ATTACHING NEW END SECTION. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE THE COST OF THE END SECTION.

STONE RIPRAP, CLASS B4= 18.2 TONS/ LOCATION
FILTER FABRIC= 20 SQ. YD./ LOCATION
PREPARATION FOR AND PLACEMENT OF RIPRAP SHALL BE COMPLETED IN THE SAME DAY, ELIMINATING THE NEED FOR TEMP. EROSION CONTROL AT BOTH CULVERT LOCATIONS.



- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
- (SEE SCHEDULE FOR QUANTITIES)

FILE NAME = D468507-sht-drainage_details.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

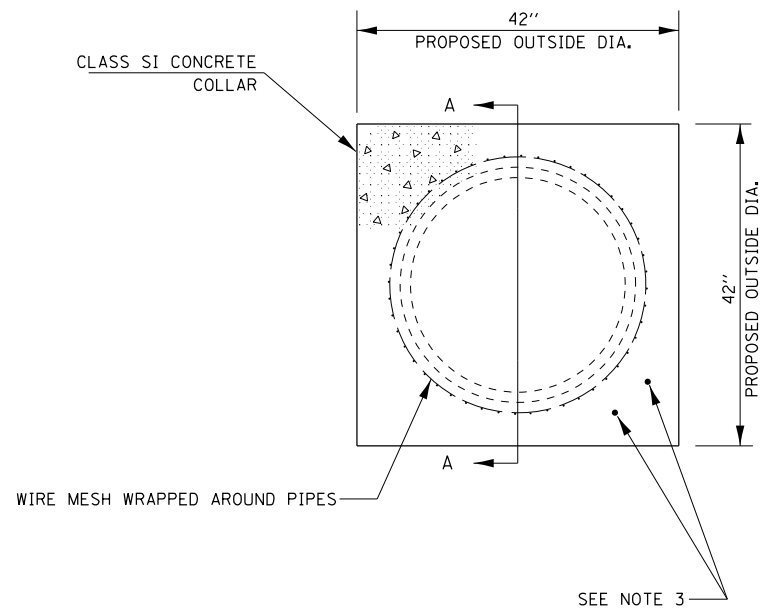
PROPOSED DRAINAGE & EROSION CONTROL DETAIL			
SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	88
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-I29RS-7,30RS-13;72-3RS-2

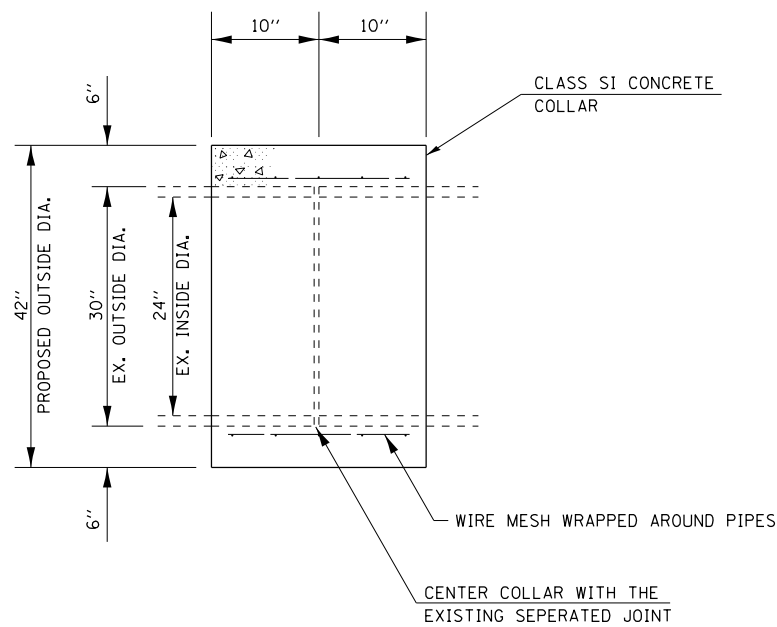
COLLAR FOR RCCP CULVERT AT
STA. 501+00, 513+00 & STA. 820+00
SEE DRAINAGE DETAIL LOCATION 8

END VIEW



CONCRETE COLLAR= 0.5 CU. YDS.
PER COLLAR

SECTION A - A



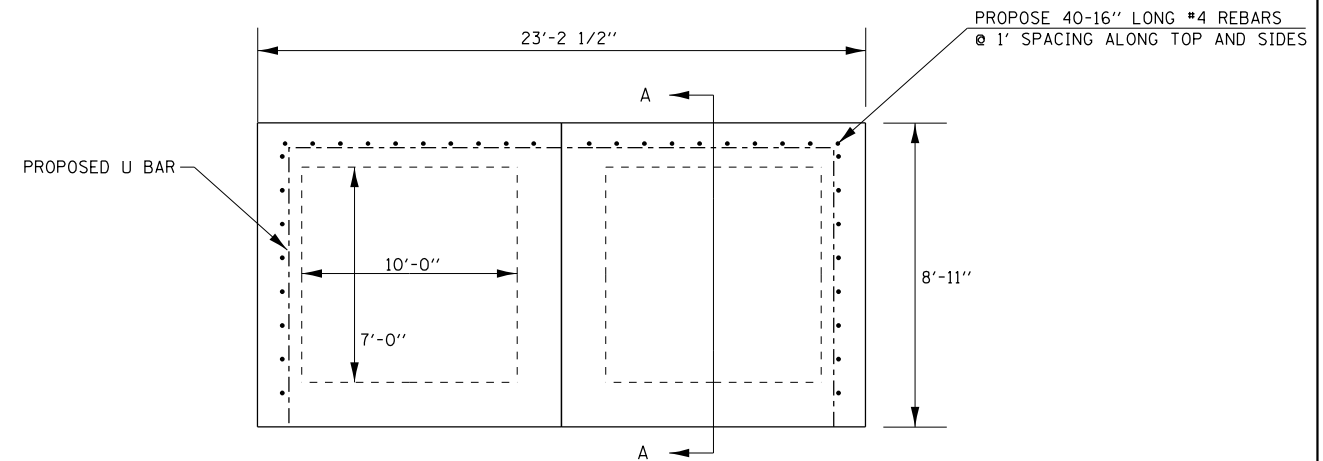
GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT.
3. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (INLET BOXES, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE INCLUDED IN THE COST OF CONCRETE COLLARS.
4. THE COST OF THE COLLAR SHALL INCLUDED ALL MATERIAL, EQUIPMENT, LABOR, AND ADDITIONAL WORK REQUIRED TO PROPERLY COMPLETE THE WORK IN PLACE.

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

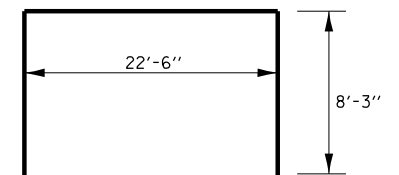
COLLAR FOR BOX CULVERT (S.N. 048-2004)
SEE DRAINAGE DETAIL LOCATION 1

END VIEW

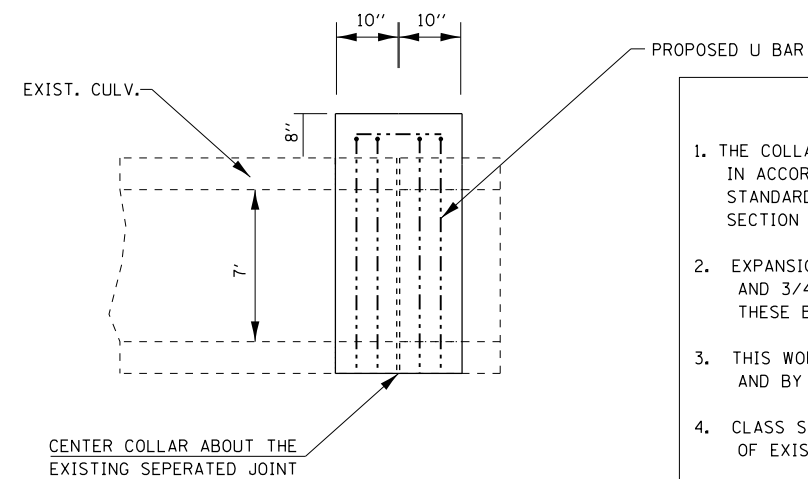


REINFORCEMENT BARS= 140 LBS.
CONCRETE COLLAR= 2.0 CU. YDS.

U BAR DETAIL
FOUR #4 U BARS REQUIRED



SECTION A - A



GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE AND IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. EXPANSION BOLTS SHALL CONSIST OF APPROVED EXPANSIONS ANCHORS, AND 3/4" HOOK BOLTS WHICH CONFORM TO SECTION 1006.09. THESE BOLTS SHALL EXTEND AT LEAST 8" INTO THE NEW CONCRETE.
3. THIS WORK WILL BE PAID FOR BY THE CUBIC YARD FOR CONCRETE COLLAR AND BY THE POUND FOR REINFORCEMENT BARS.
4. CLASS SI QUANTITY IS ONLY AN ESTIMATE. REVISE BASED ON THICKNESS OF EXISTING BOX WALL THICKNESSES.
5. THE COST OF THE COLLAR SHALL INCLUDE ALL MATERIAL, EQUIPMENT, LABOR, AND ADDITIONAL WORK REQUIRED TO PROPERLY COMPLETE THE WORK IN PLACE.

DRAWING NOT TO SCALE
ACTUAL FIELD LOCATIONS AND
MEASUREMENTS SHALL BE VERIFIED

FILE NAME = D468507-sht-drainage details.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

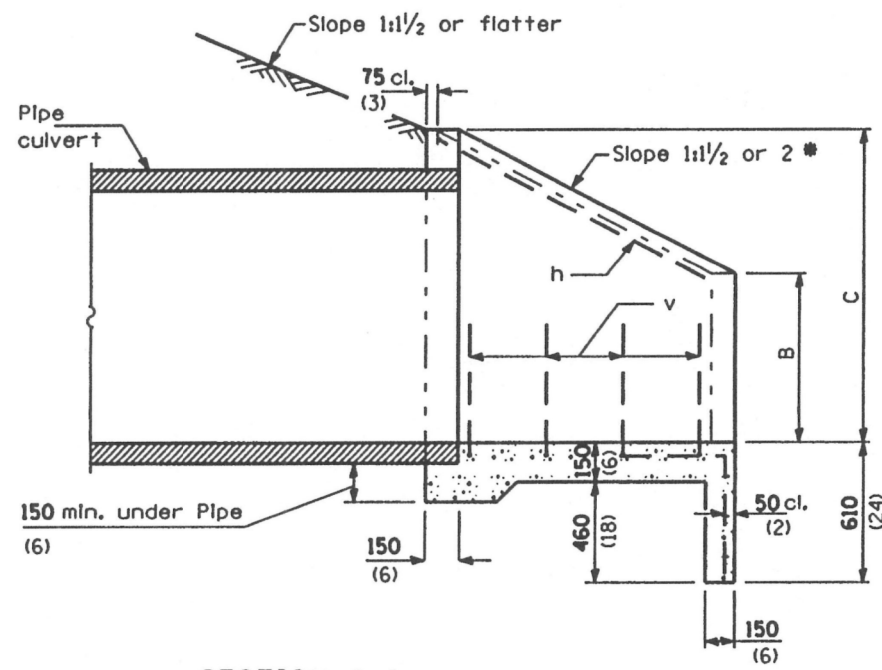
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COLLAR DETAILS

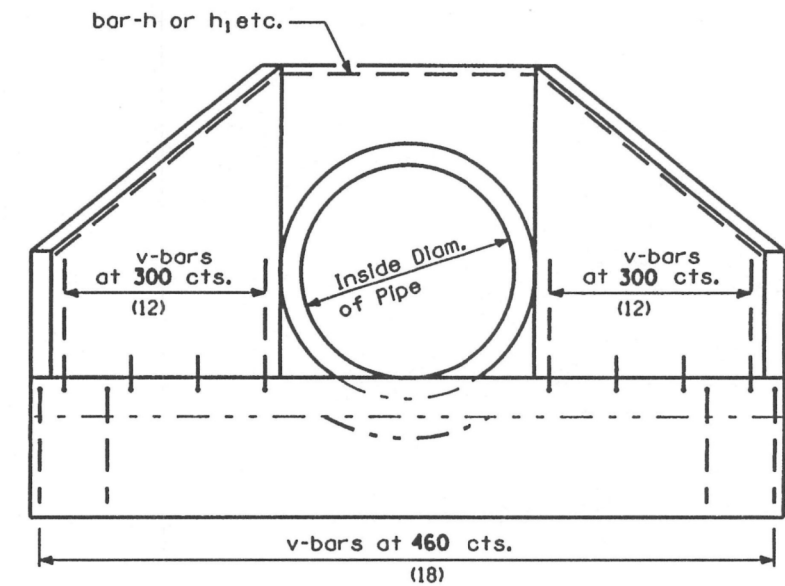
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	89
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

48-I29RS-7,30RS-13;72-3RS-2



Mark	a	b
h	560 (22)	750 (29 1/2)
h ₁	560 (22)	980 (38 1/2)
h ₂	640 (25)	750 (29 1/2)
h ₃	640 (25)	980 (38 1/2)
h ₄	840 (33)	990 (39)
h ₅	840 (33)	1.26 m (4'-1 1/2")
h ₆	990 (39)	1.18 m (3'-10 1/2")
h ₇	990 (39)	1.50 m (4'-10 1/2")
h ₈	1.19 m (3'-11")	1.42 m (4'-8")
h ₉	1.19 m (3'-11")	1.77 m (5'-9 1/2")



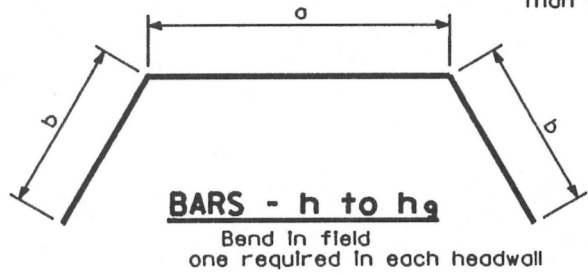
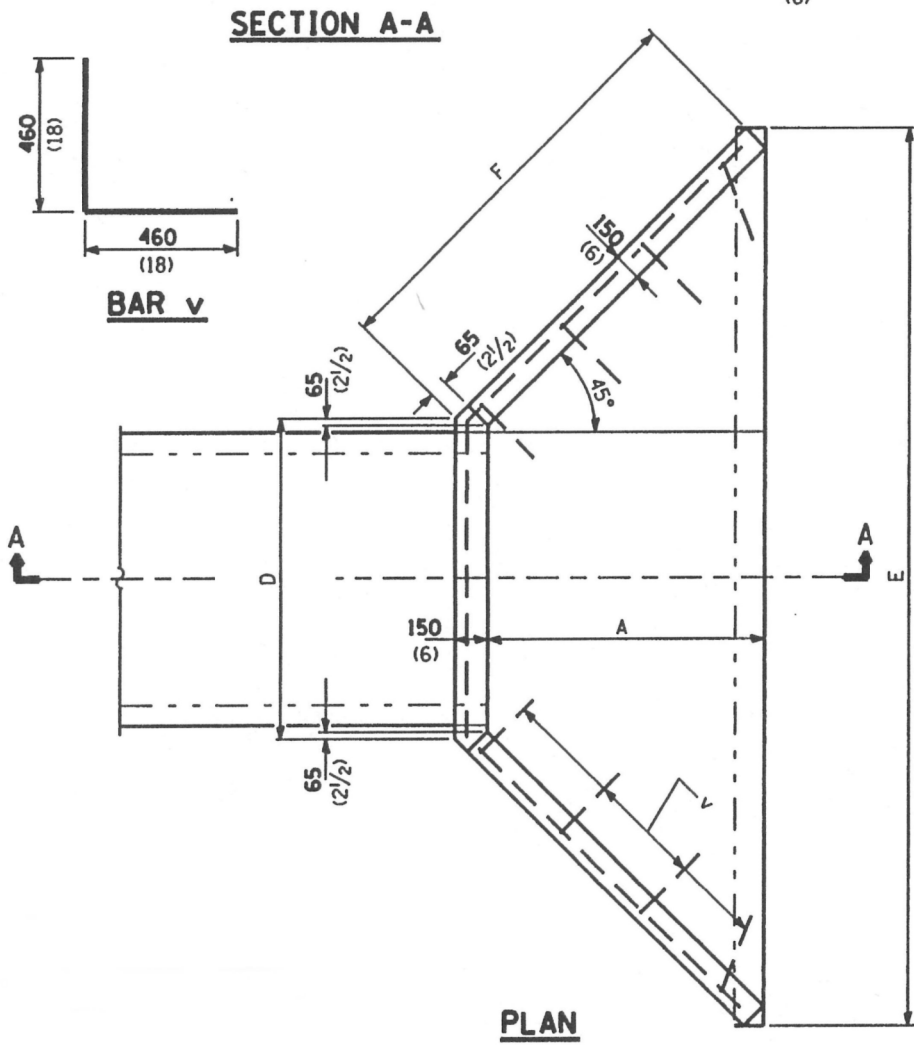
END VIEW

TABLE OF DIMENSIONS

DESIGN NO.	NOMINAL INSIDE DIAM. of PIPE	SLOPE of FILL	Dimensions						Concrete 2 Hdwls m ³ (cu. yds.)	Reinforcement Bars - No. 15 (No. 4)			
			A	B	C	D	E	F		h-Bars Mark	h-Bars Length	v-Bars No.	Total Wt. 2-Hdwls. kg (lbs.)
D375-1 1/2 (D15-1 1/2)	375 (15)	1:1 1/2	485 (19)	260 (10)	590 (23)	610 (24)	1.67 m (5'-5 1/2")	750 (29 1/2)	0.7 (0.9)	h	2.06 m (6'-9")	16	30 (40)
D375-2 (D15-2)	375 (15)	1:2	660 (26)	260 (10)	590 (23)	610 (24)	2.02 m (6'-7 1/2")	1 m (3'-3 1/4")	0.9 (1.2)	h ₁	2.52 m (8'-3")	22	40 (60)
D450-1 1/2 (D18-1 1/2)	450 (18)	1:1 1/2	485 (19)	330 (13)	660 (26)	690 (27)	1.75 m (5'-8 1/2")	750 (29 1/2)	1.0 (1.3)	h ₂	2.14 m (7'-0")	16	30 (40)
D450-2 (D18-2)	450 (18)	1:2	660 (26)	330 (13)	660 (26)	690 (27)	2.11 m (6'-10 1/2")	1 m (3'-3 1/4")	1.0 (1.3)	h ₃	2.6 m (8'-6")	22	40 (60)
D600-1 1/2 (D24-1 1/2)	600 (24)	1:1 1/2	640 (25)	410 (16)	840 (33)	890 (35)	2.26 m (7'-4 1/2")	970 (38)	1.1 (1.5)	h ₄	2.82 m (9'-3")	22	40 (60)
D600-2 (D24-2)	600 (24)	1:2	865 (34)	410 (16)	840 (33)	890 (35)	2.72 m (8'-10 1/2")	1.29 m (4'-2 1/2")	1.5 (2.0)	h ₅	3.24 m (11'-0")	28	50 (70)
D750-1 1/2 (D30-1 1/2)	750 (30)	1:1 1/2	770 (30)	480 (19)	990 (39)	1.05 m (3'-5")	2.68 m (8'-8 1/2")	1.15 m (3'-9")	1.5 (2.0)	h ₆	3.39 m (11'-0")	28	50 (70)
D750-2 (D30-2)	750 (30)	1:2	1.01 m (3'-4")	480 (19)	990 (39)	1.05 m (3'-5")	3.17 m (10'-4 1/2")	1.5 m (4'-11")	2.0 (2.6)	h ₇	3.99 m (13'-0")	34	60 (80)
D900-1 1/2 (D36-1 1/2)	900 (36)	1:1 1/2	915 (36)	560 (22)	1.17 m (3'-10")	1.25 m (4'-1")	3.17 m (10'-4 1/2")	1.36 m (4'-5 1/2")	2.0 (2.6)	h ₈	4.03 m (13'-3")	30	60 (80)
D900-2 (D36-2)	900 (36)	1:2	1.22 m (4'-0")	560 (22)	1.17 m (3'-10")	1.25 m (4'-1")	3.78 m (12'-4 1/2")	1.79 m (5'-10 1/2")	2.7 (3.5)	h ₉	4.73 m (15'-6")	40	70 (100)

* If embankment slope above headwall is flatter than 1:2, provide wings for 1:2 slope.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise shown.



FILE NAME = D468507-sh1-BAR GRATE DETAILS.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT SCALE = 100.0000' / 1"		
	PLOT DATE = 10/31/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE REINFORCED END SECTION, 24"

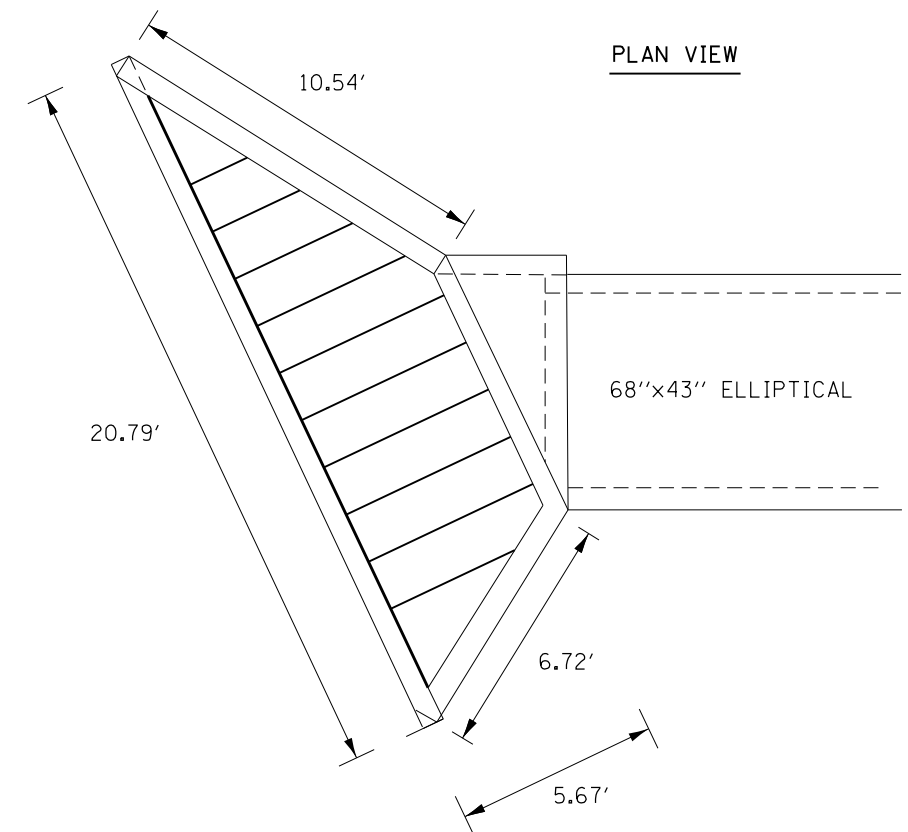
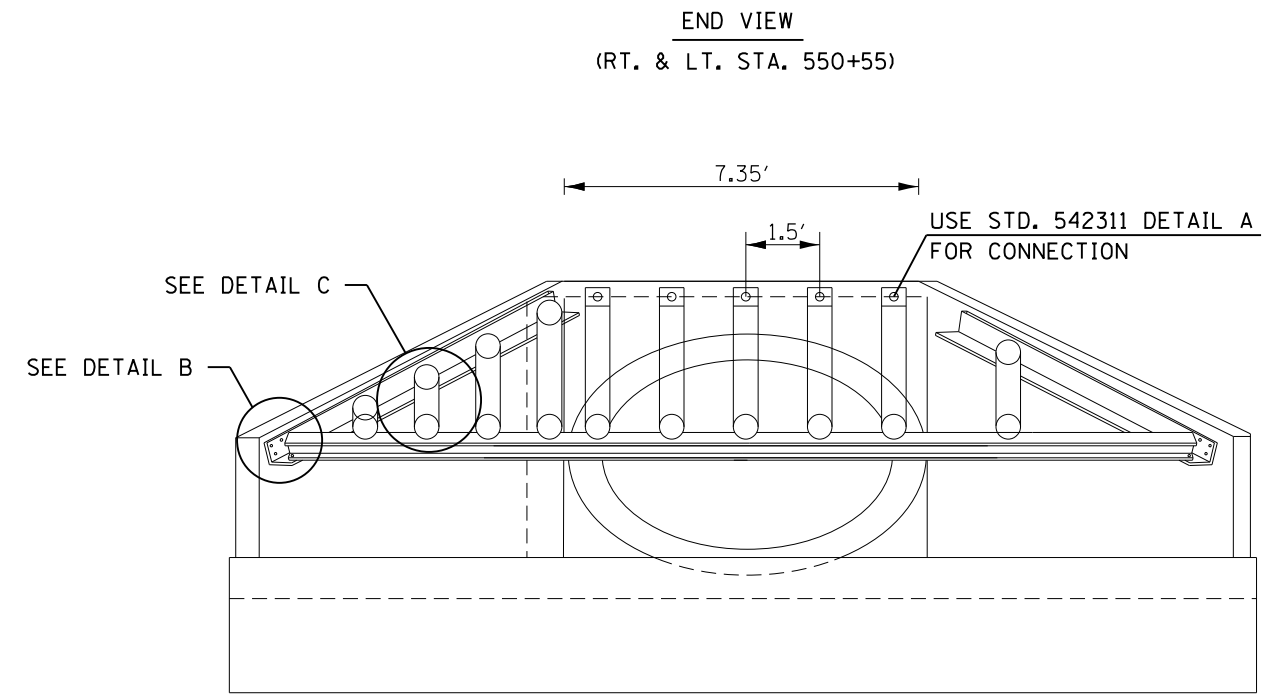
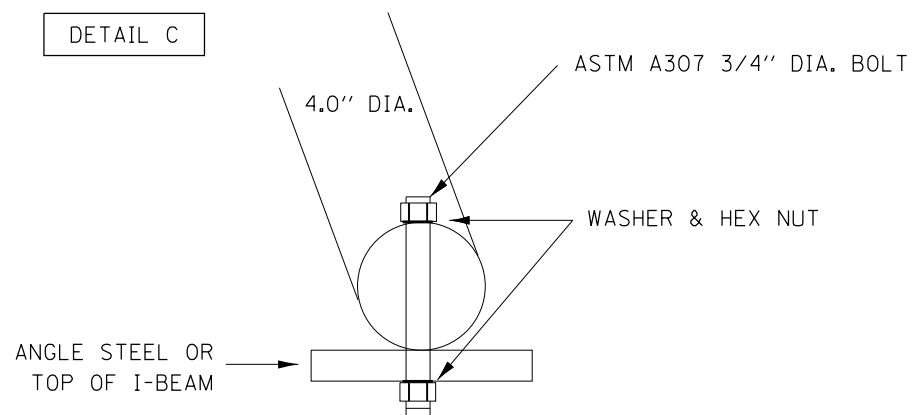
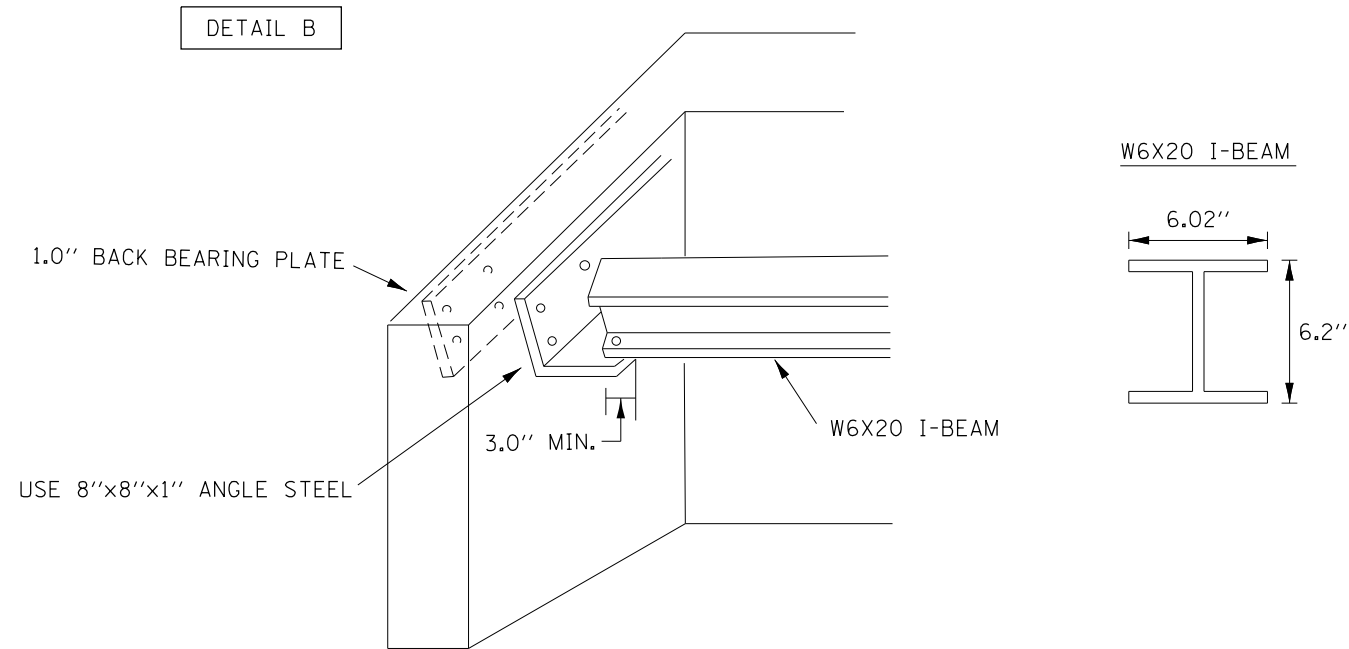
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 74	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KNOX/PEORIA	124	90
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-C29RS-7,3ORS-11;72-3RS-2

GENERAL NOTES:

1. USE ASTM A307 3/4" DIA. BOLTS FOR CONNECTIONS
2. USE 4" DIA. STEEL PIPES
3. ALL CONNECTIONS AND SUBSEQUENT HARDWARE TO BE MADE CORROSION RESISTANT BY A SUITABLE MEANS APPROVED BY THE ENGINEER.
4. W6X20 I-BEAM TO BE PRIMED AND PAINTED
5. 3/4" BOLTS WITH HEX NUTS AND WASHERS UNDER HEAD AND NUT WILL BE USED AT BOLTED CONNECTIONS
6. FIELD VERIFICATION FOR DIMENSIONS REQUIRED PRIOR TO ORDERING STEEL.



FILE NAME = D468507-sh-t-BAR GRATE DETAILS.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

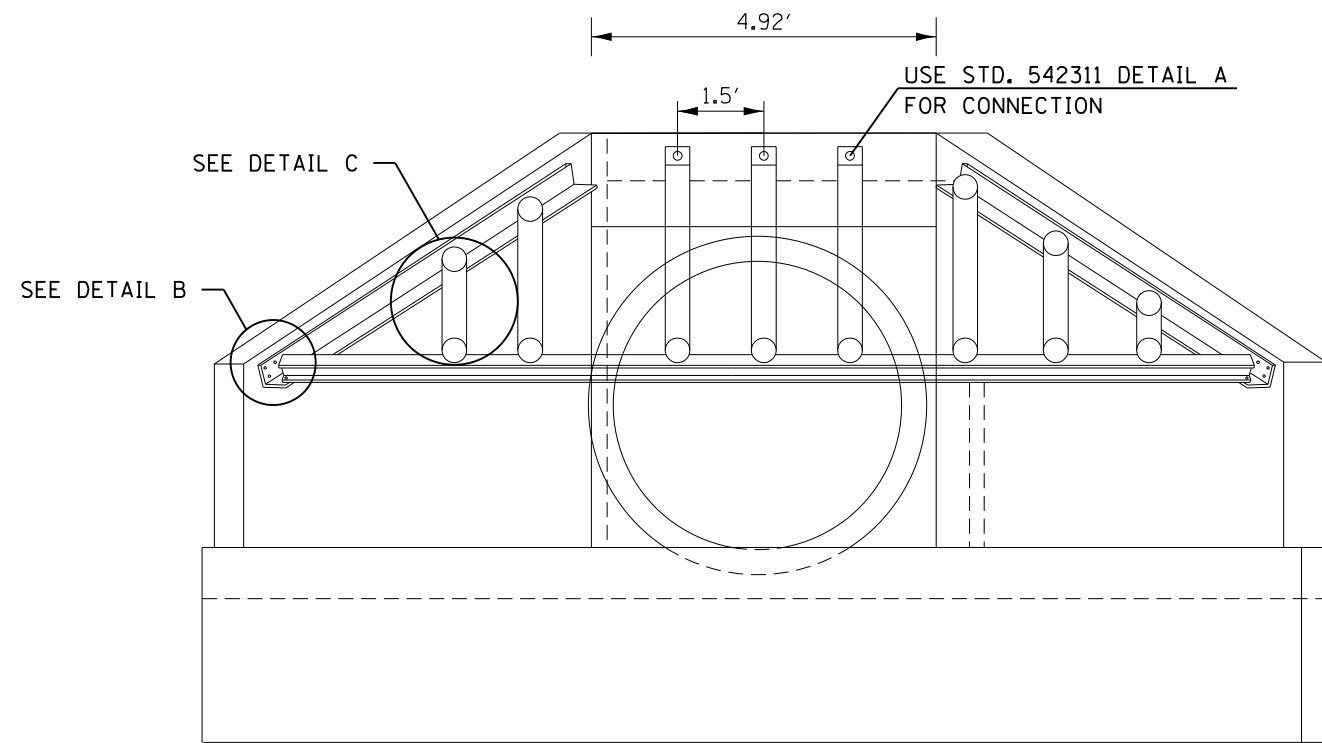
TRAVERSABLE PIPE GRATE, SPECIAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

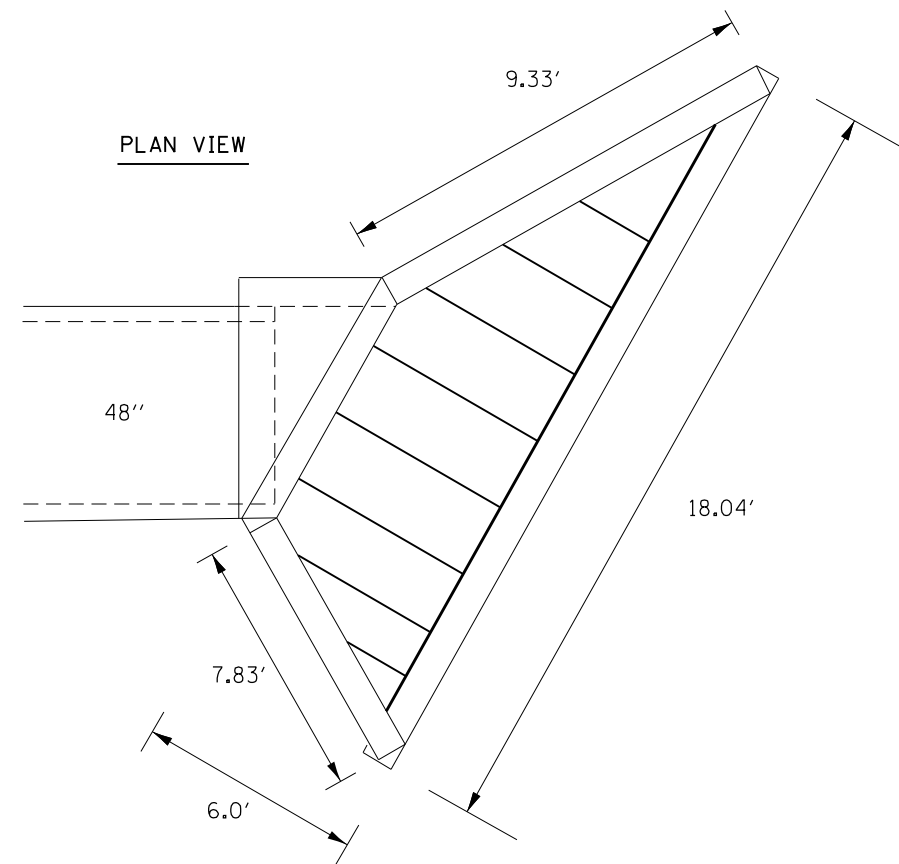
• 48-I29RS-7,30RS-11;72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	91
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

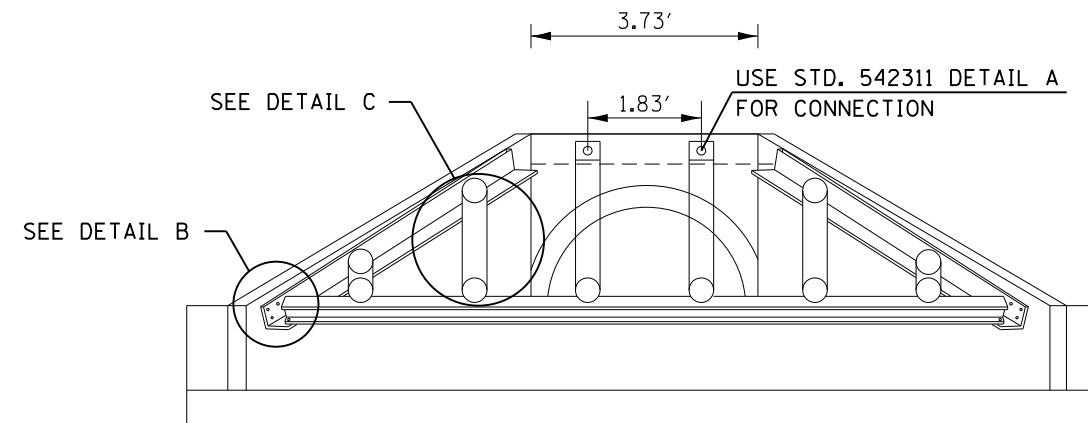
END VIEW
RT. & LT. STA. 566+82



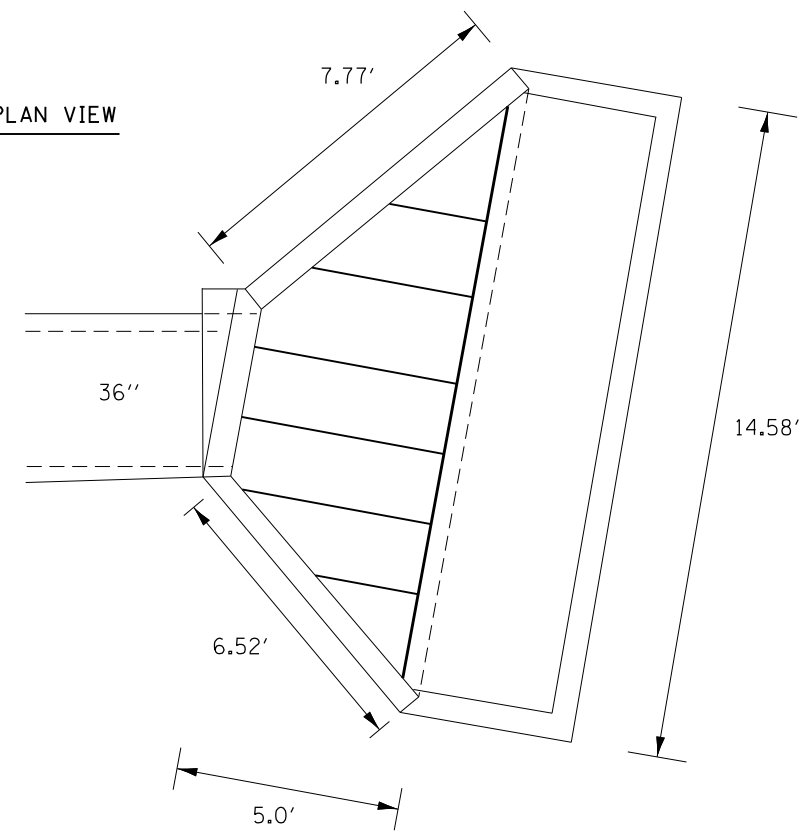
PLAN VIEW



END VIEW
(LT. STA. 586+15)



PLAN VIEW



FILE NAME = D468507-sh-t-BAR GRATE DETAILS.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

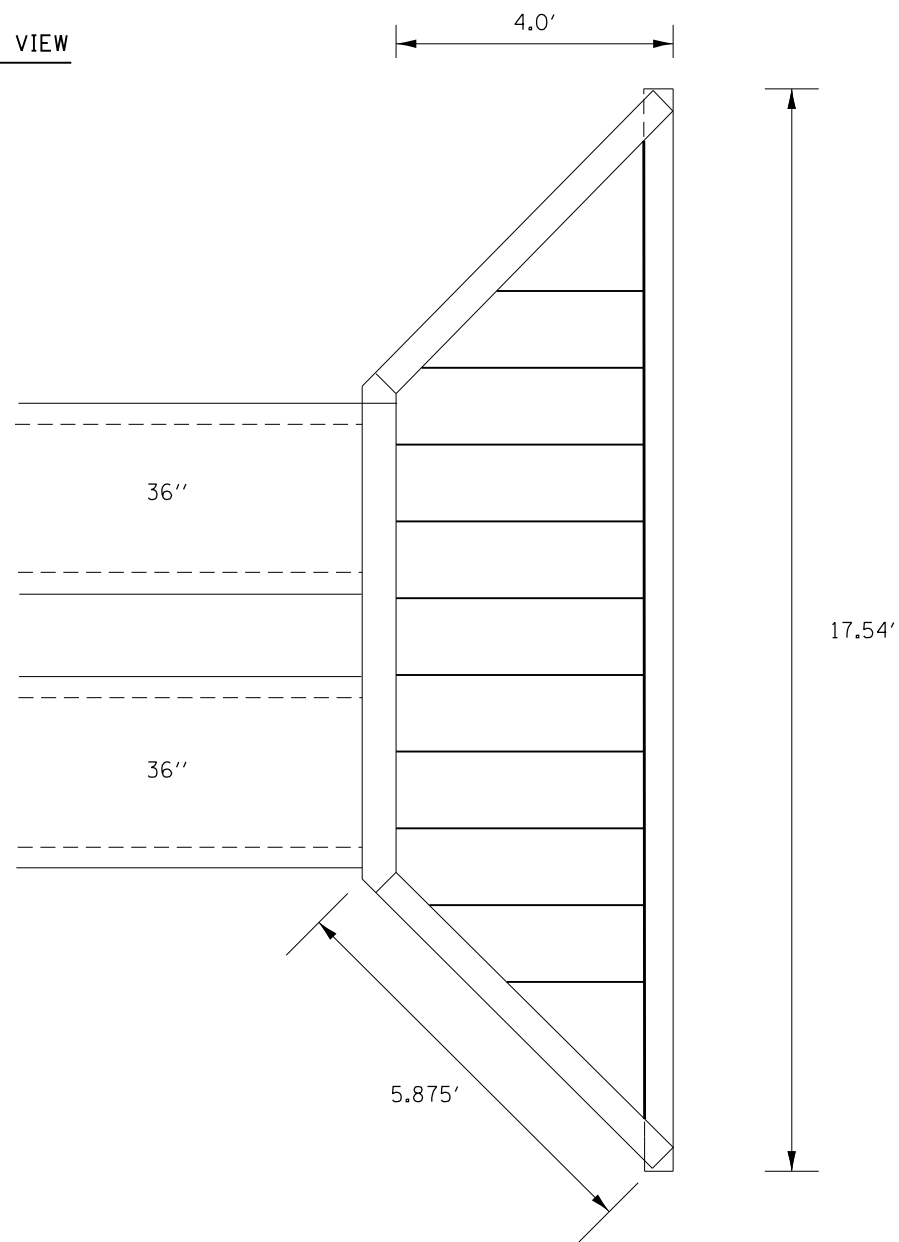
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAVERSABLE PIPE GRATE, SPECIAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

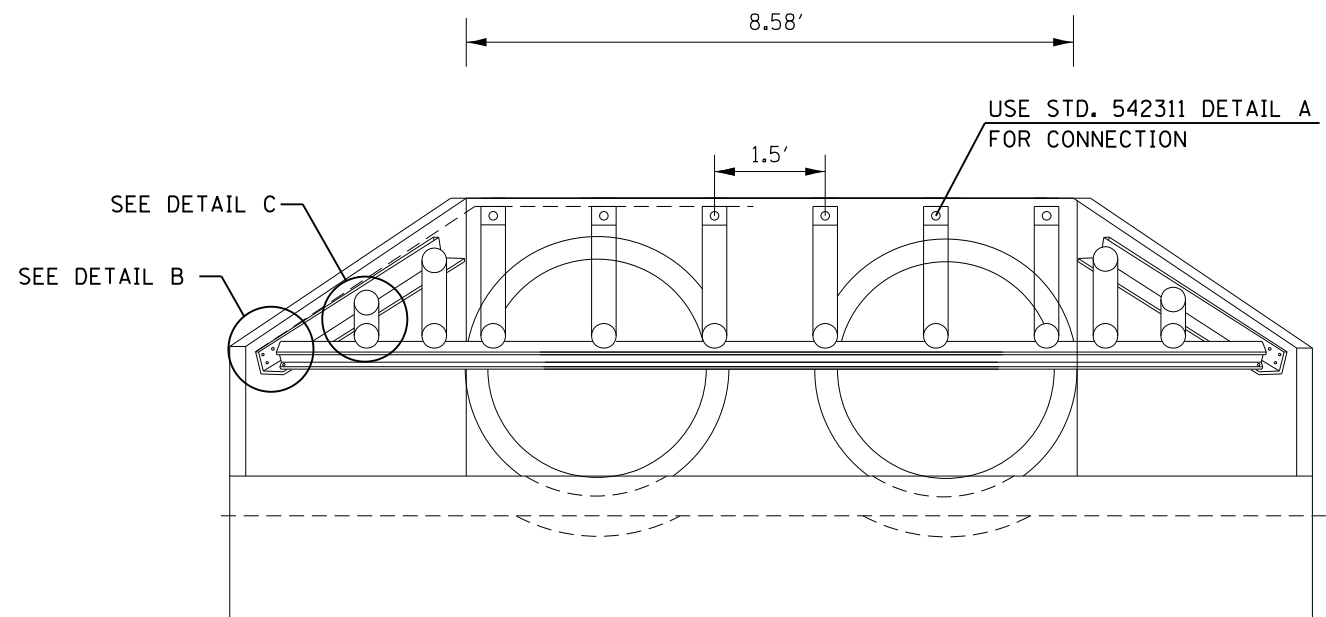
• 48-(29RS-7,30RS-1);72-3RS-2			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	•	KNOX/PEORIA	124
			SHEET NO. 92
CONTRACT NO. 68507			
ILLINOIS FED. AID PROJECT			

PLAN VIEW



END VIEW

(RT. & LT. STA. 798+00)
AND
(RT. & LT. STA. 832+00)



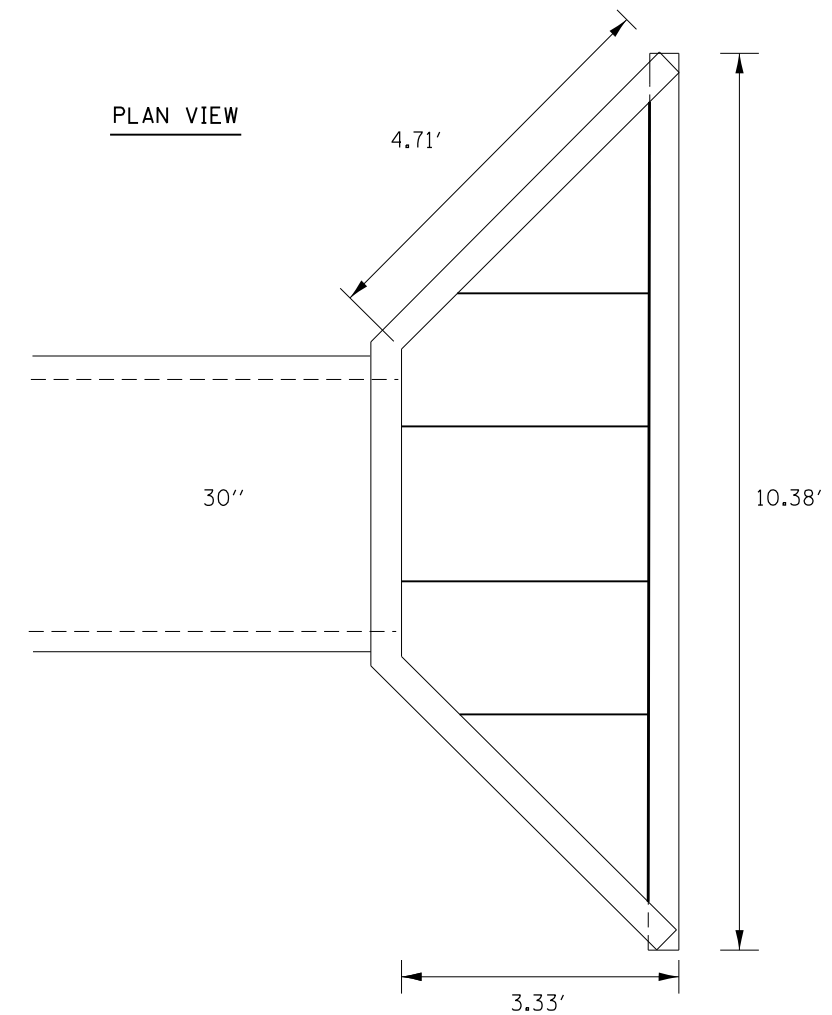
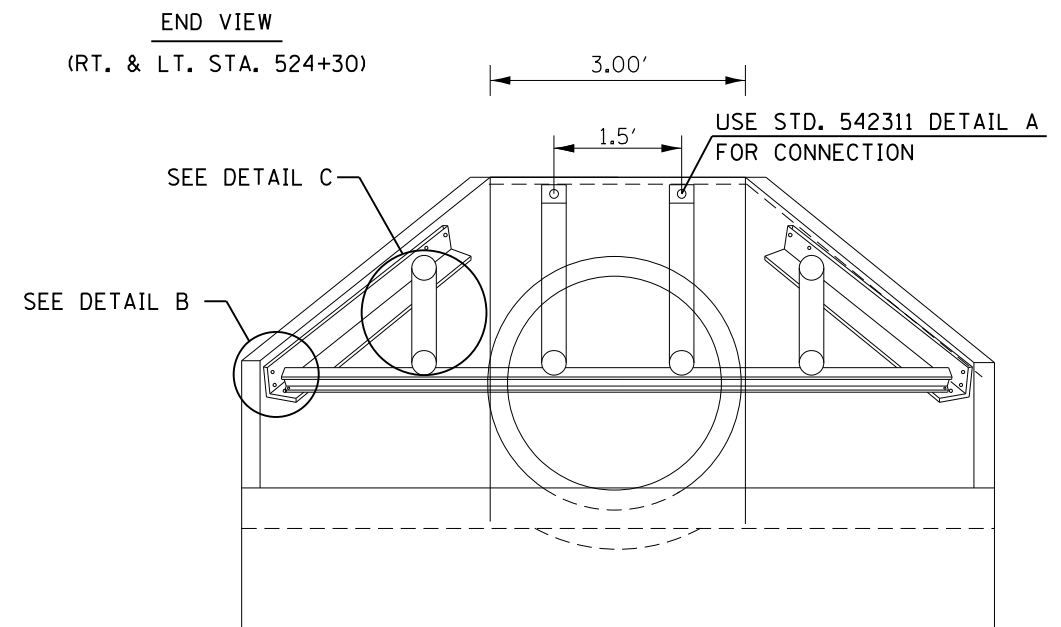
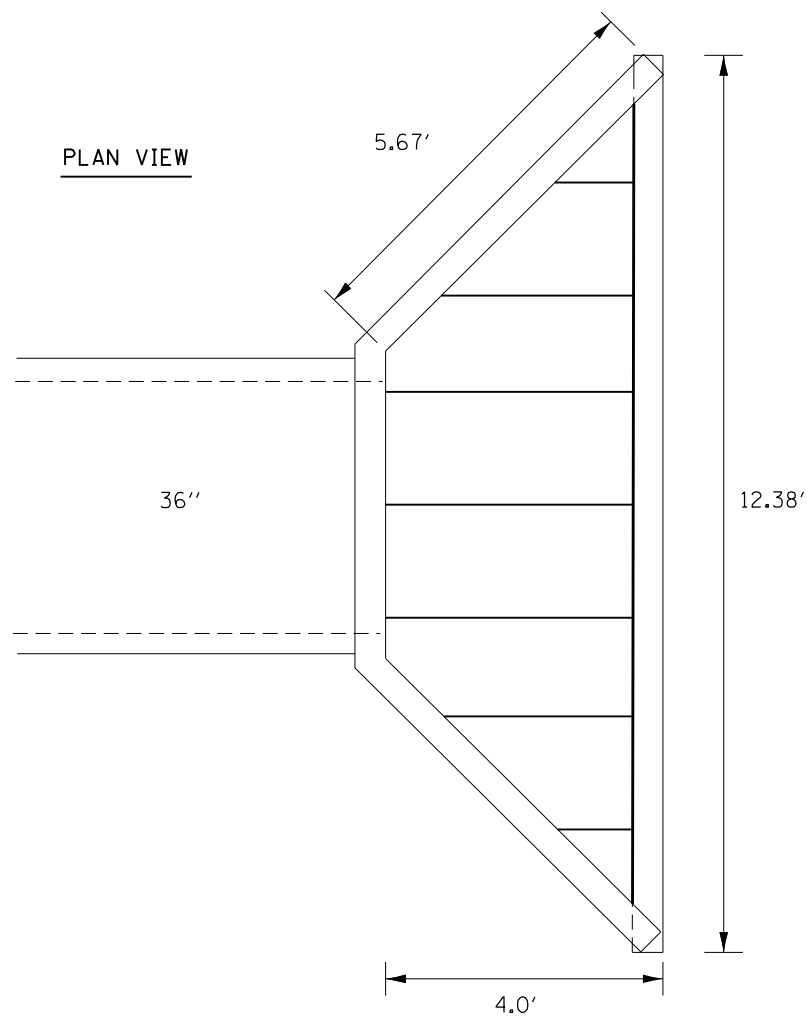
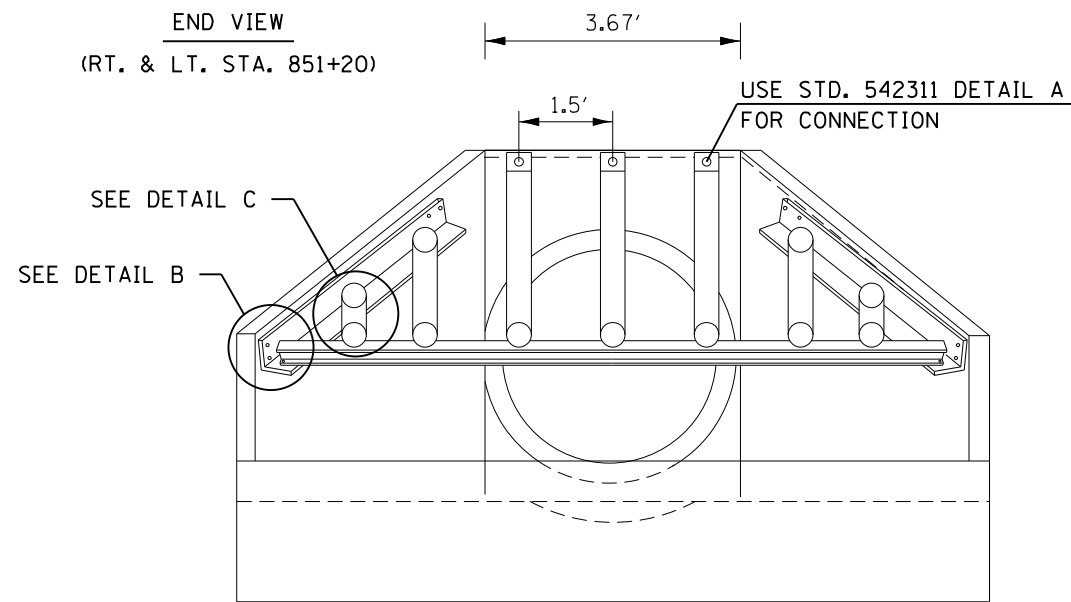
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	PLOT DATE = 10/31/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAVERSABLE PIPE GRATE, SPECIAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

• 48-[29RS-7,30RS-1];72-3RS-2				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	93
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



FILE NAME = D468507-sh-t-BAR GRATE DETAILS.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
Default	PLOT DATE = 10/31/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

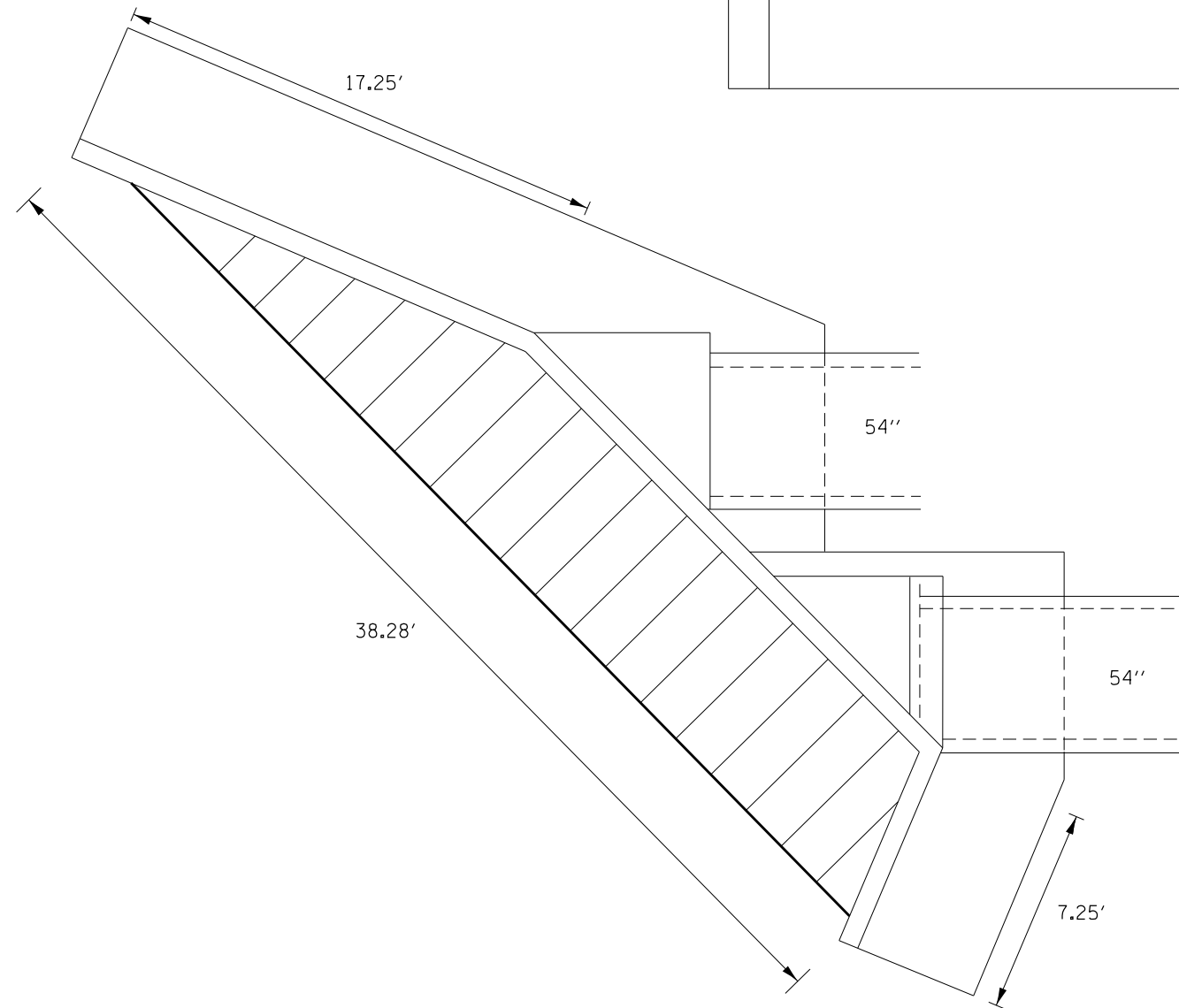
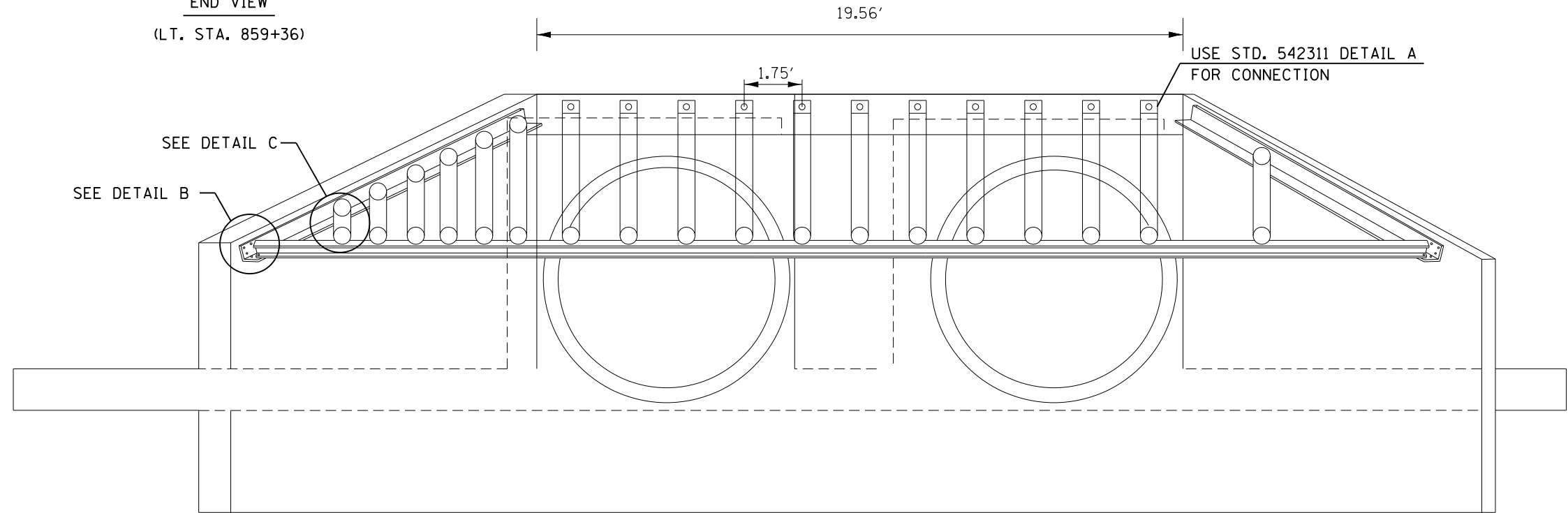
TRAVERSABLE PIPE GRATE, SPECIAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

• 48-[29RS-7,30RS-1];72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	94
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

END VIEW
(LT. STA. 859+36)



PLAN VIEW

FILE NAME = D468507-sh1-BAR GRATE DETAILS.dgn	USER NAME = ke1thbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAVERSABLE PIPE GRATE, SPECIAL DETAILS

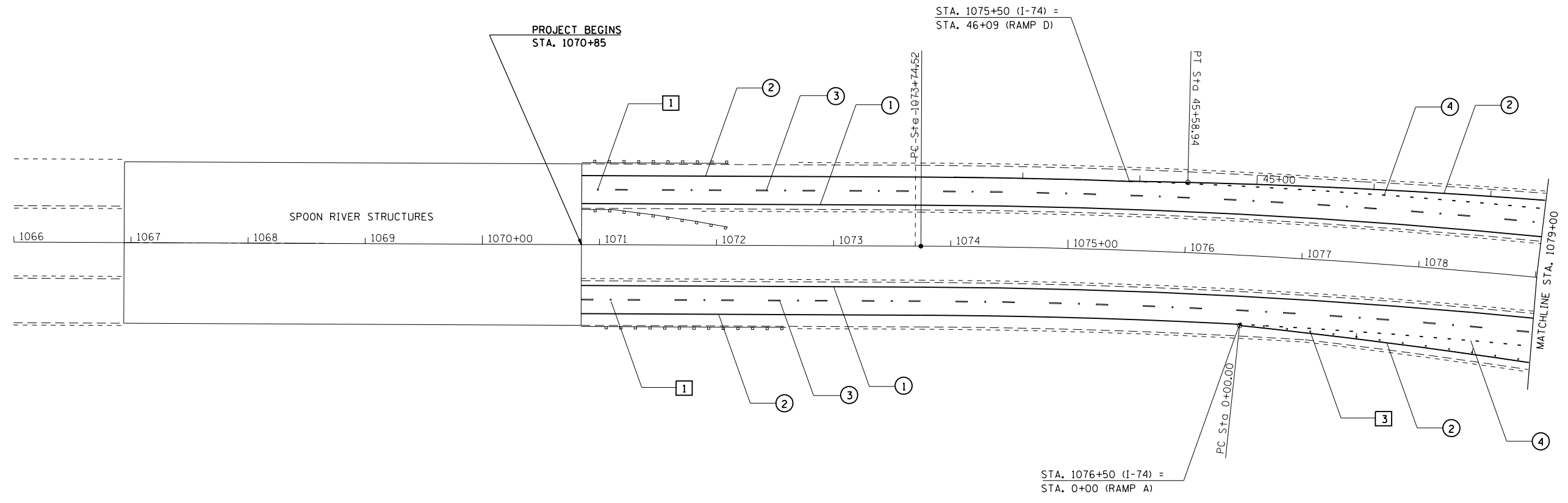
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	KNOX/PEORIA	124	95
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

• 48-[29RS-7,30RS-1];72-3RS-2



EXIST. CURVE 747-1
 PI STA. = 1081+28.73
 $\Delta = 14^\circ 59' 53''$ (RT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 754.21'
 L = 1,499.81'
 E = 49.43'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1073+74.52
 P.T. STA. = 1088+74.33



NOTE
 MAINLINE I-74 SHALL BE STRIPED AT TWO 12' LANES
 ENTRANCE AND EXIT RAMP SHALL BE STRIPED AT 16'

PAVEMENT MARKING LEGEND

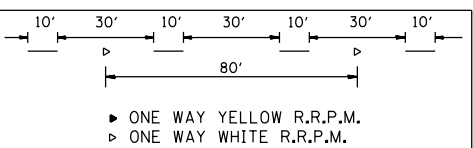
① 4" YELLOW	
② 4" WHITE	
③ 6" WHITE SKIP DASH	
④ 8" WHITE SKIP DASH	
⑤ 8" WHITE	
⑥ 12" WHITE	
⑦ 24" WHITE	
⑧ LETTERS AND SYMBOLS	
⑨ 4" WHITE SKIP DASH	

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

①	◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	◀ ONE-WAY AMBER MARKER AT 40' CENTERS
	◀ ONE-WAY CRYSTAL MARKER
	◀ ONE-WAY AMBER MARKER

DELINEATORS

■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS



SEE SCHEDULE OF QUANTITIES FOR FURTHER INFORMATION



FILE NAME = D468507-Pave-markings.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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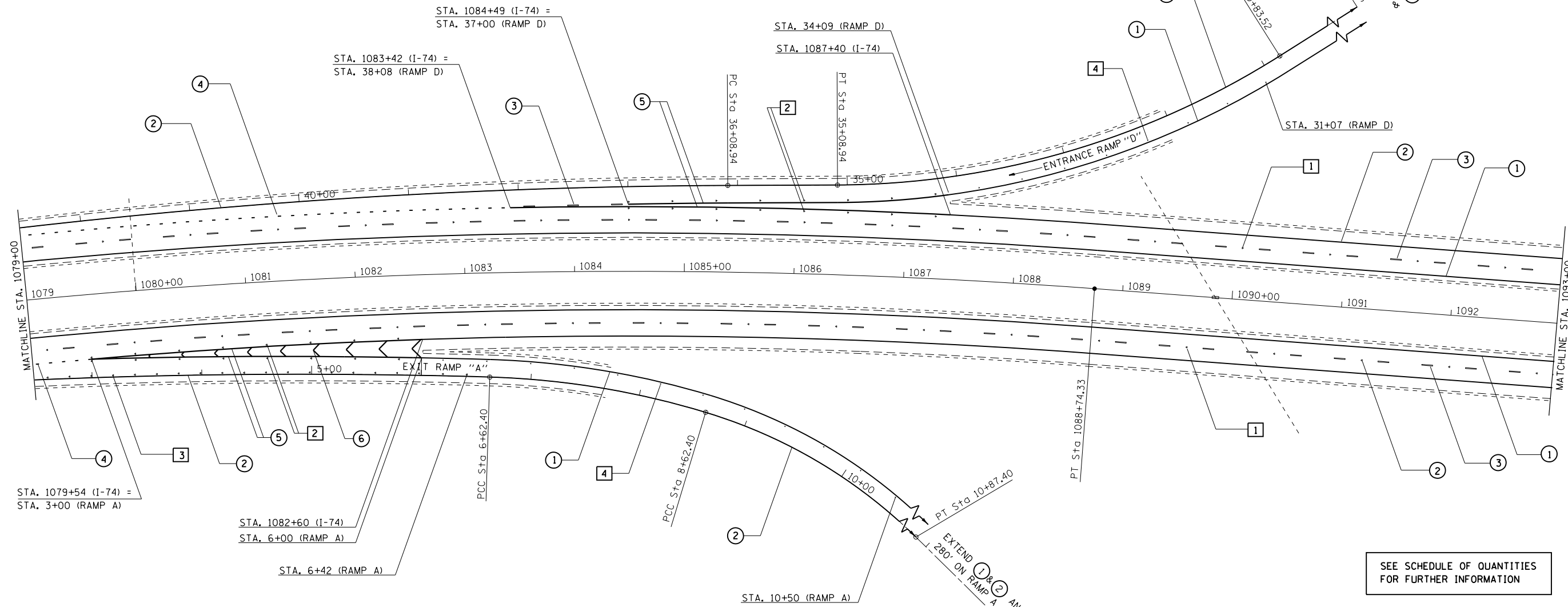
48-I29RS-7,30RS-13;72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	96
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				



NOTE
 MAINLINE I-74 SHALL BE STRIPED AT TWO 12' LANES
 ENTRANCE AND EXIT RAMP SHALL BE STRIPED AT 16'

EXIST. CURVE RAMPD-1 PI STA. = 33+01.96 $\Delta = 32^\circ 04' 19''$ (RT) $D = 7^\circ 32' 20''$ $R = 760.00'$ $T = 218.44'$ $L = 425.42'$ $E = 30.77'$ $e = \text{-----}$ T.R. = ----- S.E. RUN = ----- P.C. STA. = 30+83.52 P.T. STA. = 35+08.94	EXIST. CURVE RAMPD-2 PI STA. = 40+85.01 $\Delta = 9^\circ 24' 11''$ (LT) $D = 0^\circ 59' 23''$ $R = 5,788.58'$ $T = 476.07'$ $L = 950.00'$ $E = 19.54'$ $e = \text{-----}$ T.R. = ----- S.E. RUN = ----- P.C. STA. = 36+08.94 P.T. STA. = 45+58.94
--	---



PAVEMENT MARKING LEGEND

① 4" YELLOW	
② 4" WHITE	
③ 6" WHITE SKIP DASH	10' 30' 10'
④ 8" WHITE SKIP DASH	3' 9' 3' 9' 3'
⑤ 8" WHITE	
⑥ 12" WHITE	
⑦ 24" WHITE	
⑧ LETTERS AND SYMBOLS	10' 30' 10'
⑨ 4" WHITE SKIP DASH	

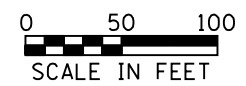
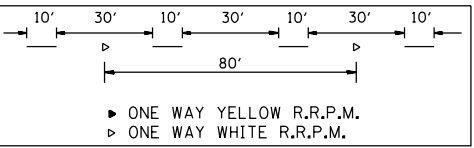
$\frac{30'}{20'} (>45 \text{ MPH})$
 $\frac{30'}{20'} (<45 \text{ MPH})$

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

①	< ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	< ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	< ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	< ONE-WAY AMBER MARKER AT 40' CENTERS
	< ONE-WAY CRYSTAL MARKER
	< ONE-WAY AMBER MARKER

DELINEATORS

■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS



EXIST. CURVE RAMPA-1 PI STA. = 3+31.58 $\Delta = 6^\circ 41' 35''$ (RT) $D = 1^\circ 00' 37''$ $R = 5,670.58'$ $T = 331.58'$ $L = 662.40'$ $E = 9.69'$ $e = \text{-----}$ T.R. = ----- S.E. RUN = ----- P.C. STA. = 0+00.00 P.T. STA. = 6+62.40	EXIST. CURVE RAMPA-2 PI STA. = 7+62.98 $\Delta = 15^\circ 04' 40''$ (RT) $D = 7^\circ 32' 20''$ $R = 760.00'$ $T = 100.58'$ $L = 200.00'$ $E = 6.63'$ $e = \text{-----}$ T.R. = ----- S.E. RUN = ----- P.C. STA. = 6+62.40 P.T. STA. = 8+62.40	EXIST. CURVE RAMPA-3 PI STA. = 9+77.15 $\Delta = 27^\circ 43' 26''$ (RT) $D = 12^\circ 19' 18''$ $R = 465.00'$ $T = 114.75'$ $L = 225.00'$ $E = 13.95'$ $e = \text{-----}$ T.R. = ----- S.E. RUN = ----- P.C. STA. = 8+62.40 P.T. STA. = 10+87.40
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PAVEMENT MARKING LEGEND

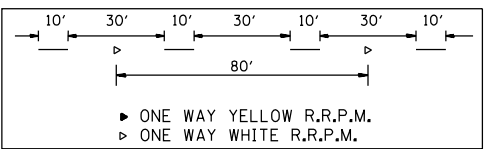
①	4" YELLOW
②	4" WHITE
③	6" WHITE SKIP DASH
④	8" WHITE SKIP DASH
⑤	8" WHITE
⑥	12" WHITE
⑦	24" WHITE
⑧	LETTERS AND SYMBOLS
⑨	4" WHITE SKIP DASH

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

①	◁ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	◁ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	◁ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	◁ ONE-WAY AMBER MARKER AT 40' CENTERS
	◁ ONE-WAY CRYSTAL MARKER
	◁ ONE-WAY AMBER MARKER

DELINEATORS

■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS

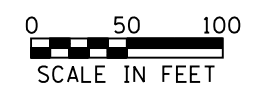
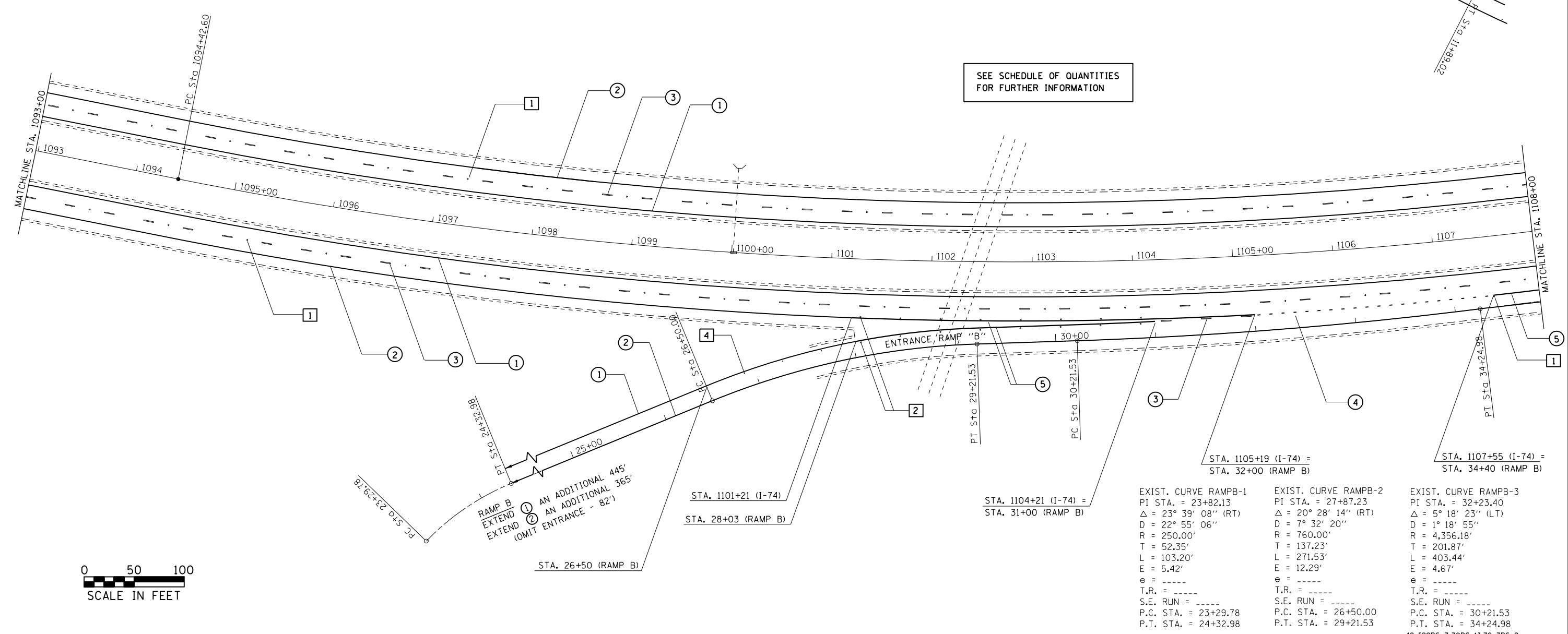


EXTEND ① & ② TO STA. 18+68 ON RAMP C

EXIST. CURVE 747-2
 PI STA. = 1104+67.00
 $\Delta = 26^\circ 49' 01''$ (LT)
 $D = 1^\circ 20' 00''$
 $R = 4,297.18'$
 $T = 1,024.40'$
 $L = 2,011.27'$
 $E = 120.42'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1094+42.60$
 $P.T. STA. = 1114+53.87$

NOTE
 MAINLINE I-74 SHALL BE STRIPED AT TWO 12' LANES
 ENTRANCE AND EXIT RAMP SHALL BE STRIPED AT 16'

SEE SCHEDULE OF QUANTITIES FOR FURTHER INFORMATION



EXIST. CURVE RAMPB-1 PI STA. = 23+82.13 $\Delta = 23^\circ 39' 08''$ (RT) $D = 22^\circ 55' 06''$ $R = 250.00'$ $T = 52.35'$ $L = 103.20'$ $E = 5.42'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA. = 23+29.78$ $P.T. STA. = 24+32.98$	EXIST. CURVE RAMPB-2 PI STA. = 27+87.23 $\Delta = 20^\circ 28' 14''$ (RT) $D = 7^\circ 32' 20''$ $R = 760.00'$ $T = 137.23'$ $L = 271.53'$ $E = 12.29'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA. = 26+50.00$ $P.T. STA. = 29+21.53$	EXIST. CURVE RAMPB-3 PI STA. = 32+23.40 $\Delta = 5^\circ 18' 23''$ (LT) $D = 1^\circ 18' 55''$ $R = 4,356.18'$ $T = 201.87'$ $L = 403.44'$ $E = 4.67'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA. = 30+21.53$ $P.T. STA. = 34+24.98$
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FILE NAME = D468507-Pave_makings.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

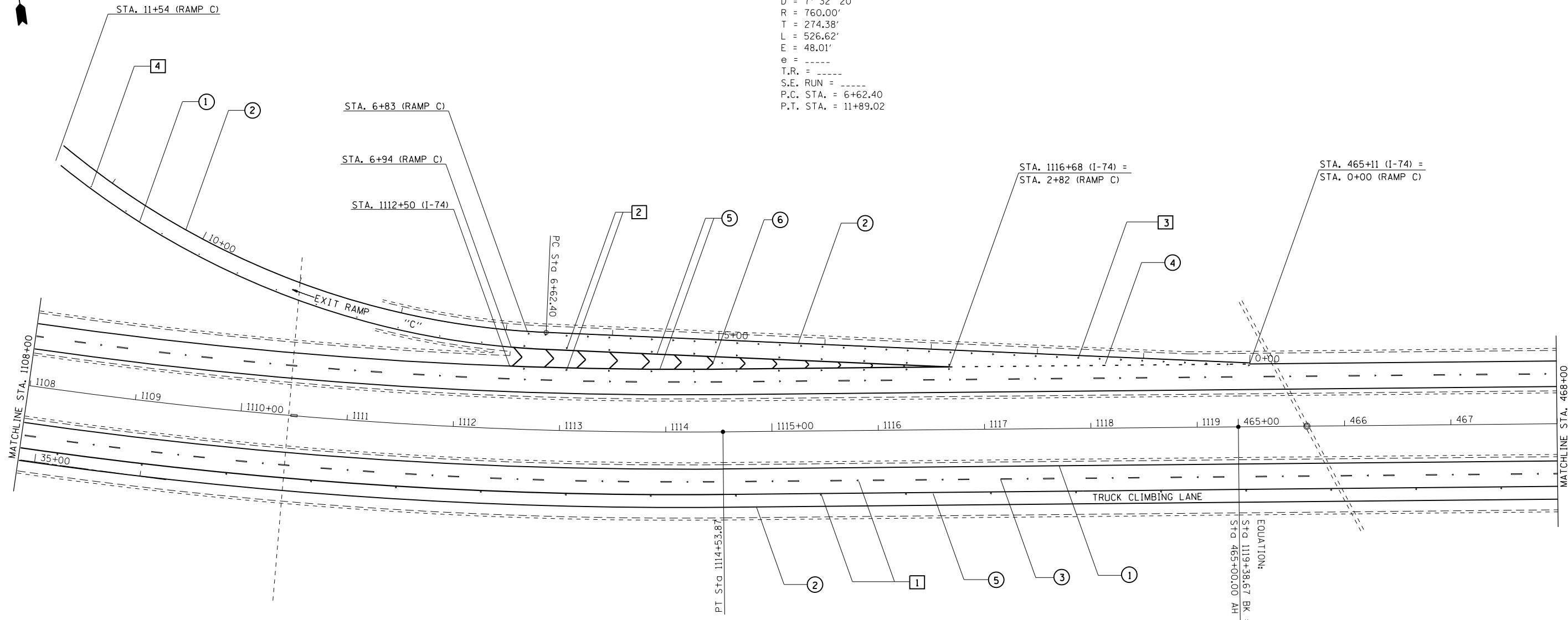
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	98
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				

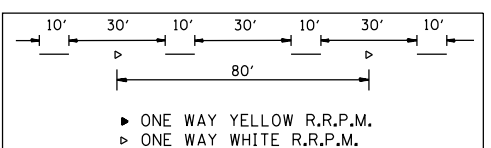
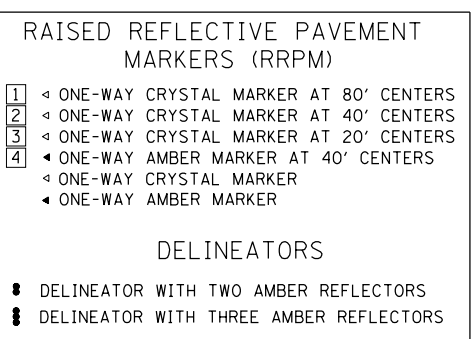
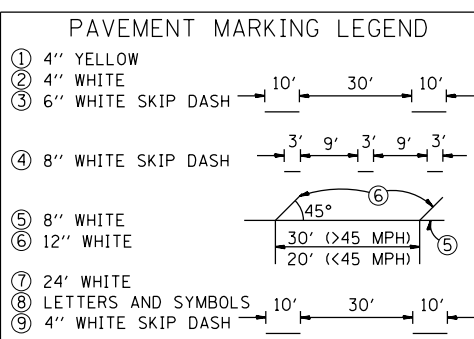


EXIST. CURVE RAMPC-1
 PI STA. = 9+36.78
 $\Delta = 39^\circ 42' 05''$ (RT)
 $D = 7^\circ 32' 20''$
 $R = 760.00'$
 $T = 274.38'$
 $L = 526.62'$
 $E = 48.01'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 6+62.40$
 $P.T. \text{ STA.} = 11+89.02$



NOTE
 MAINLINE I-74 SHALL BE STRIPED AT TWO 12' LANES
 ENTRANCE AND EXIT RAMP SHALL BE STRIPED AT 16'

SEE SCHEDULE OF QUANTITIES
 FOR FURTHER INFORMATION



FILE NAME = D468507-Pave_makings.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1" / 1" / 1"	DRAWN -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS

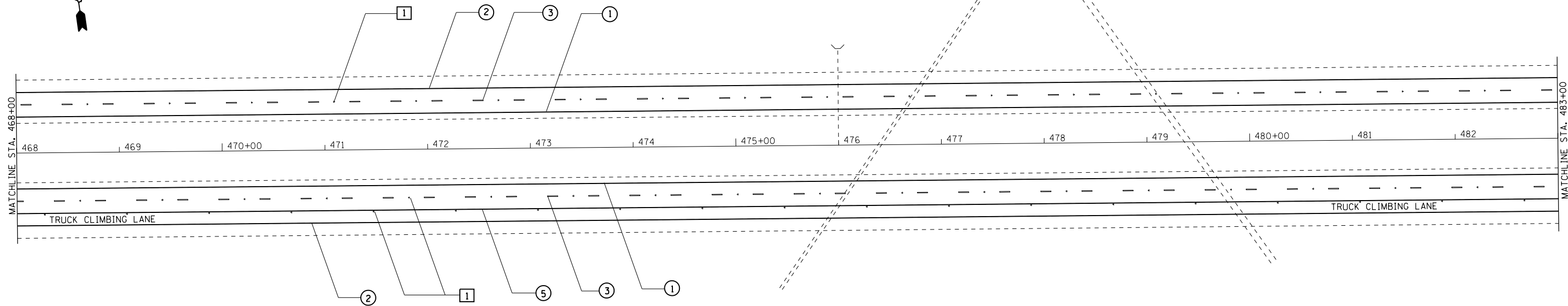
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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48-[29RS-7,3ORS-1];72-3RS-2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	KNOX/PEORIA	124	99

CONTRACT NO. 68507

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

① 4" YELLOW	
② 4" WHITE	
③ 6" WHITE SKIP DASH	
④ 8" WHITE SKIP DASH	
⑤ 8" WHITE	
⑥ 12" WHITE	
⑦ 24" WHITE	
⑧ LETTERS AND SYMBOLS	
⑨ 4" WHITE SKIP DASH	

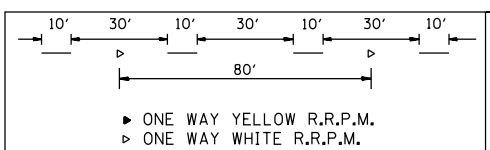
RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

①	< ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	< ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	< ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	< ONE-WAY AMBER MARKER AT 40' CENTERS
	< ONE-WAY CRYSTAL MARKER
	< ONE-WAY AMBER MARKER

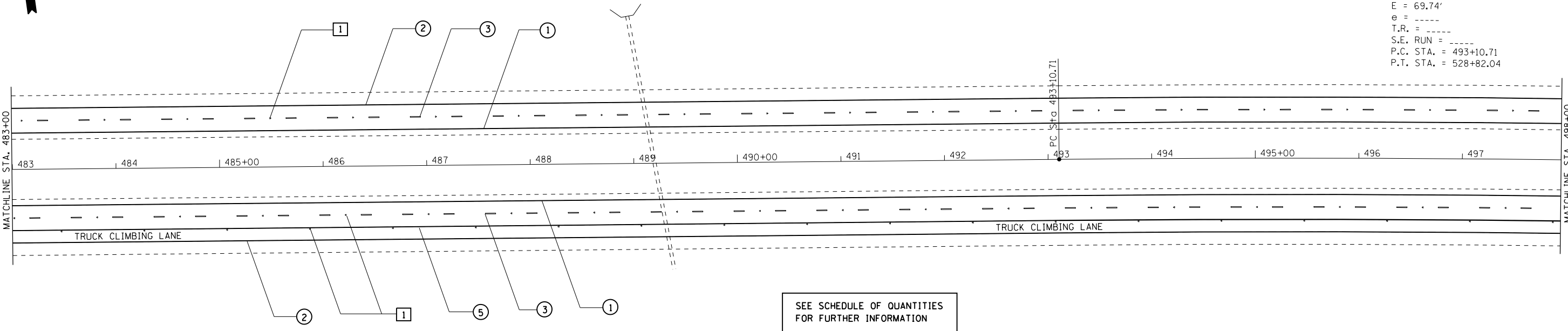
DELINEATORS

■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS

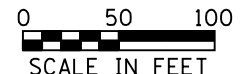
NOTE
 MAINLINE I-74 SHALL BE STRIPED AT TWO 12' LANES
 ENTRANCE AND EXIT RAMP SHALL BE STRIPED AT 16'



EXIST. CURVE 747-3
 PI STA. = 510+99.99
 $\Delta = 8^\circ 55' 42''$ (RT)
 D = 0° 15' 00"
 R = 22,918.31'
 T = 1,789.29'
 L = 3,571.33'
 E = 69.74'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 493+10.71
 P.T. STA. = 528+82.04



SEE SCHEDULE OF QUANTITIES FOR FURTHER INFORMATION



FILE NAME = D468507-Pave-markings.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 10/31/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		KNOX/PEORIA	124	100
CONTRACT NO. 68507				
ILLINOIS FED. AID PROJECT				