

1	COVER SHEET
2-3	COMMITMENTS, GENERAL NOTES AND JOB SPECIFIC NOTES
4-8	SUMMARY OF QUANTITIES
9-14	TYPICAL SECTIONS
15	LINE DIAGRAM
16-24	SCHEDULE OF QUANTITIES
25	BUTT JOINT AND TAPER DETAIL
26	PROPOSED SIDEROADS /DRIVEWAYS IMPROVEMENT DETAIL
27	DITCH DETAIL
28	BRIDGE APPROACH PAVEMENT DETAIL
29	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) DETAIL
30-35	PAVEMENT MARKINGS DETAIL
36-44	DISTRICT STANDARDS

**HIGHWAY STANDARDS**

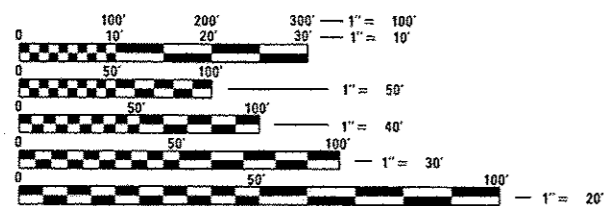
000001-06	701006-05	701336-06
280001-07	701011-04	701901-06
630001-11	701201-04	780001-05
630106-02	701301-04	781001-04
631011-10	701306-03	782006
642006	701311-03	BLR23-4
701001-02	701326-04	

**DISTRICT STANDARDS:**

406101	667101
440001	780001
630101	

**DESIGN DESIGNATION**

ADT = 5920 (2015)  
 MU = 225 (5.7%)  
 SU = 340 (3.8%)



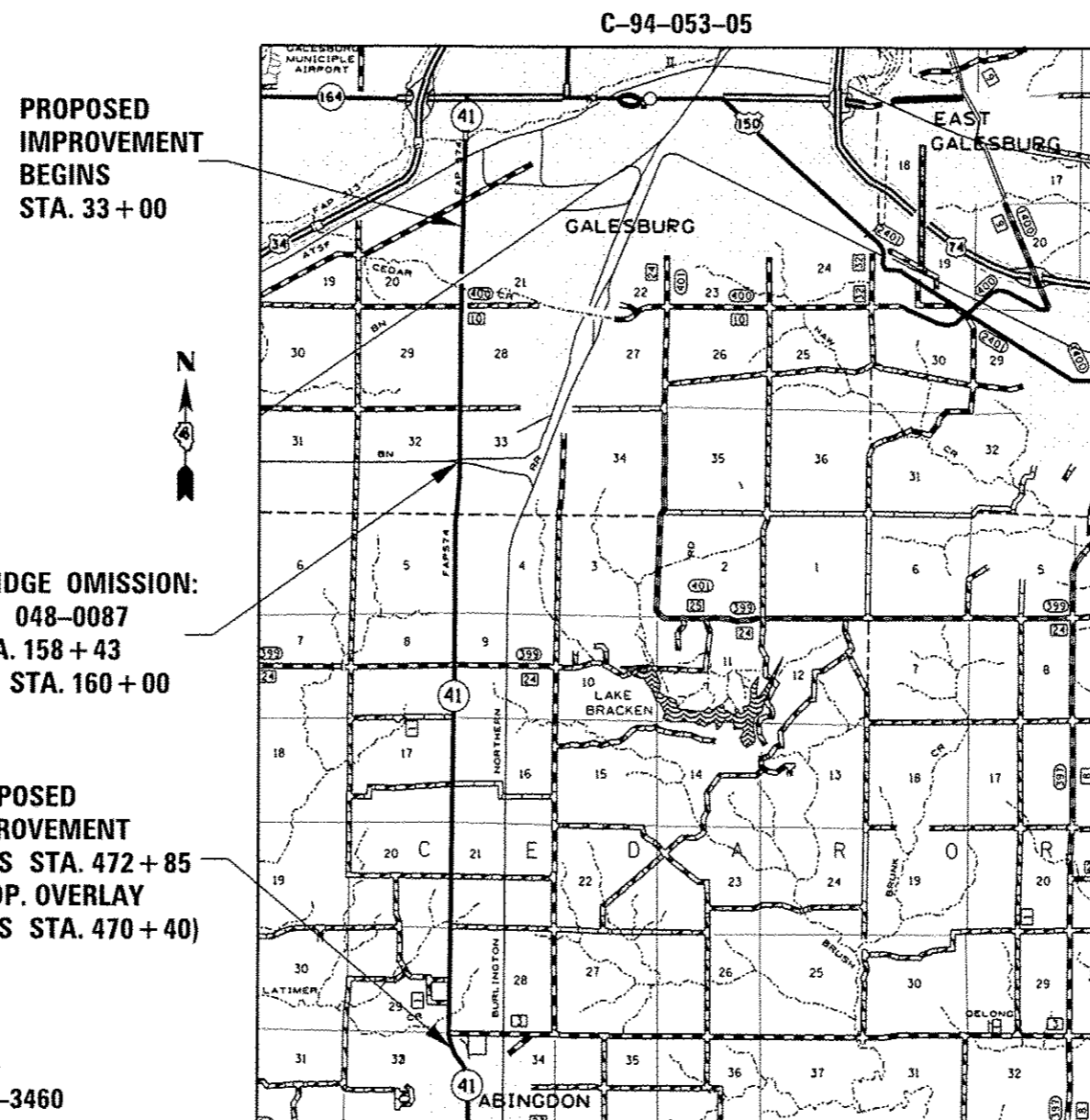
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CHRISTOPHER MAUSHARD 609-671-3453  
 PROJECT MANAGER: SOBHI LABABIDI/RAY SAMARA 309-671-3460  
 CATALOG NO. 033048-00D  
 CONTRACT NO. 68465

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 574 (IL 41)  
 SECTION 14RS-4,(15,16)RS-3  
 PROJECT ACF-ACHSIP-0574 (300)  
 KNOX COUNTY



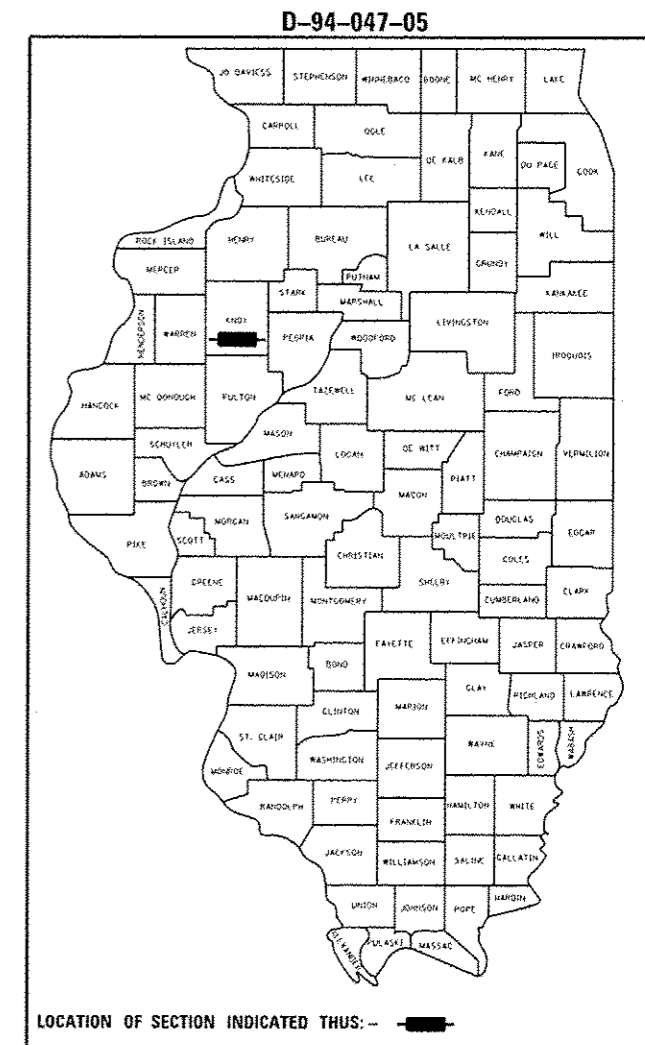
PROPOSED IMPROVEMENT BEGINS STA. 33 + 00

BRIDGE OMISSION: SN 048-0087 STA. 158 + 43 TO STA. 160 + 00

PROPOSED IMPROVEMENT ENDS STA. 472 + 85 (PROP. OVERLAY ENDS STA. 470 + 40)

GROSS LENGTH = 43,985 FT. = 8.330 MILE  
 NET LENGTH = 43,828 FT. = 8.301 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	1
		ILLINOIS	CONTRACT NO. 68465	



**PROJECT DISCIPTION:**

RESURFACING ON IL 41 FROM SOUTH OF MONMOUTH BOULEVARD IN GALESBURG TO SOUTH OF HUNTER STREET IN ABINGDON IN KNOX COUNTY

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec. 6 2016  
Karl A. Ganette  
 REGION THREE ENGINEER

Jan 27 2017  
Maureen M. Addis Perla  
 ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27 2017  
Amelie [Signature]  
 DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV

**COMMITMENTS**

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

**NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT**

**PROPERTY OWNER ACCESS REQUIREMENTS**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED**

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent side roads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

**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. Excesswaste 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.

**AGGREGATE SHOULDER, TYPE B**

Aggregate shoulder, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

**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.

FILE NAME : cover sheet_line dia.dgn	USER NAME : lobbobidiam	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS, GENERAL NOTES AND JOB SPECIFIC</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 400.0000' / 1"	DRAWN -	REVISED -			574	14RS-4,(15,16)RS-3	KNOWX	44	2	
	PLOT DATE : 12/7/2016	CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.	

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS:**

Mixture Use(s):	Polymer Surface 1.5"	Polymer Level Binder 1"	Partial Depth Patching	Incidental Surface	Shoulder (Lower Lifts) & HMA Base Course	Shoulder (Upper Lift 2 1/2")
AC/PG:	SBS or SBR 76-28	SBS or SBR 76-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5	IL 9.5	IL 19.0	IL 9.5FG
Friction Aggregate:	Mix D	N.A.	N.A.	Mix C	N.A.	Mix C
Quality Management Program:	PFP	QCP	QCQA	QCQA	QCQA	QCQA

**Note:**

- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.
- 3) Sublot sizes for PFP and QCP mixes will be 1000 tons and 800 tons respectively, unless otherwise agreed to by the Engineer and the paving contractor.

**BUTT JOINT CUTTING TIME RESTRICTION**

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

**PAVING SURFACE COURSE**

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

**CROSSING EXISTING STRUCTURES WITH EQUIPMENT**

The following structure SN 048-0087, may be crossed with: unloaded MTD and milling machine. Any structures not listed above shall be verified by the resident prior to beginning work.

**ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS**

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

**NO PASSING ZONE VERIFICATION**

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

**JOB SPECIFIC NOTES:**

- 1) All survey markers; shall be located in the field and distances shall be verified by a licensed land surveyor prior to any milling operation. the survey markers shall be reset at the direction of a licensed land surveyor after the paving and striping operation are completed. all labor and materials for this work shall be included in the unit bid price per each for "PERMANENT SURVEY MARKERS TYPE 1"
- 2) At the location where 2.5" milling is proposed (Sta. 62 + 35 to Sta. 68 + 00); **DUE TO SAFETY;** the contractor shall have one of the following two options:  
 a) Mill both lanes (NBL and SBL) the same day prior to opening both lanes to traffic.  
 b) Mill the exposed edge of the center line at 1:3 sloped rate as directed by the engineer  
 The above work shall be included in the bid price for "HOT MIX ASPHALT SURFACE REMOVAL 2.5"
- 3) The partial removal of the existing HMA shoulder shall be paid for as "EARTH EXCAVATION (WIDENING)"

FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidiam	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS, GENERAL NOTES AND JOB SPECIFIC NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -			574	14RS-4,05,16/RS-3	KNOX	44	3
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -			CONTRACT NO. 68465				
				SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY	KNOX COUNTY	KNOX COUNTY
90 % FEDERAL	80 % FEDERAL					
10 % STATE	20 % STATE	100 % STATE				
20200500	EARTH EXCAVATION (WIDENING)	CU YD	4573	3292	1281	
25000750	MOWING	ACRE	65			65
28000305	TEMPORARY DITCH CHECKS	FOOT	190		190	
28000400	PERIMETER EROSION BARRIER	FOOT	1563		1563	
28000500	INLET AND PIPE PROTECTION	EACH	7		7	
28100225	STONE RIPRAP, CLASS B3	TON	890		890	
28100227	STONE RIPRAP, CLASS B4	TON	222		222	
35501308	HOT - MIX ASPHALT BASE COURSE, 6"	SQ YD	233		233	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	49247	30115	19132	
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5738		5738	
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2816		2816	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	293		293	
40600990	TEMPORARY RAMP	SQ YD	613		613	
40603535	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	10322		10322	

NON-PARTICIPATING

FILE NAME = cover sheet.lns dte.dgn	USER NAME = Jobbidiam	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 400.0000' / 1" =	DRAWN -	REVISED -	574			14RS-4,15,16RS-3	KNOX	44	4	
PLOT DATE = 12/9/2016	CHECKED -	REVISED -	CONTRACT NO. 68465							
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY 90 % FEDERAL 10 % STATE	KNOX COUNTY 80 % FEDERAL 20 % STATE	KNOX COUNTY 100 % STATE
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	325		325	
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	84839		84839	
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	27415		27415	
44000159	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	2010		2010	
44004000	PAVED DITCH REMOVAL	FOOT	1092		1092	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1685		1685	
48203100	HOT - MIX ASPHALT SHOULDERS	TON	13900	9369	4531	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		1	
50105220	PIPE CULVERT REMOVAL	FOOT	15		15	
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	2738	2738		
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	125	125		
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	80	80		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		

\* SPECIALTY ITEMS

FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidian	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 488.0000' / in.	DRAWN -	REVISED -			574	14R5-4,(15,16)RS-3	KNOX	44	5	
	PLOT DATE = 12/8/2016	CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY 90 % FEDERAL 10 % STATE	KNOX COUNTY 80 % FEDERAL 20 % STATE	KNOX COUNTY 100 % STATE
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	39	39		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	4325	4325		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	86884	86884		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	8		8	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6		6	
67100100	MOBILIZATION	L SUM	1	0.35	0.65	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	16621		16621	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2041		2041	

14

\* SPECIALTY ITEMS

FILE NAME : cover sheet_line dso.dgn	USER NAME : lababrdian	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			574	14RS-4,(15,16)RS-3	KNOX	44	6	
		CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY 90 % FEDERAL 10 % STATE	KNOX COUNTY 80 % FEDERAL 20 % STATE	KNOX COUNTY 100 % STATE
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	43	43		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	260		260	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	120204		120204	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1637		1637	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	755		755	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	12		12	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	579		579	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	76	76		
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	250		250	
* LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	3	3		
	X0300003 TRACKLESS TACK	POUND	130720		130720	
	X0322584 REVETMENT MAT REMOVAL	SO YD	218		218	
	X0326663 CURED-IN-PLACE PIPE LINER, 30"	FOOT	295		295	
	X0326665 CURED-IN-PLACE PIPE LINER, 42"	FOOT	63		63	

14

\* SPECIALTY ITEMS

FILE NAME : cover sheet_line_dra.dgn	USER NAME : Jobbidian	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE : 480.0000' / in.	DRAWN -	REVISED -			574	14RS-4,15,16/RS-3	KNOX	44	7	
	PLOT DATE : 12/8/2016	CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

REV

FIGS 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0021	0005	0005
				SAFETY	ROADWAY	ROADWAY
				KNOX COUNTY	KNOX COUNTY	KNOX COUNTY
				90 % FEDERAL	80 % FEDERAL	
10 % STATE	20 % STATE	100 % STATE				
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SO YD	1280		1280	
X4421000	PARTIAL DEPTH PATCHING	TON	260		260	
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	44		44	
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	15		15	
X5420630	PIPE CULVERTS TO BE CLEANED 30"	FOOT	15		15	
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	120	120		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14		14	
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1		1	
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	740	740		
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SO YD	2421		2421	
Z0034105	MATERIAL TRANSFER DEVICE	TON	16060		16060	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1	
Ø Z0076600	TRAINEES	HOUR	500		500	
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500		500	
X0300004	BITUMINOUS MATERIALS (TACK COAT), SPECIAL	POUND	18476		18476	

\* SPECIALTY ITEMS Ø 0092

FILE NAME : cover sheet_line.dwg	USER NAME : lebabidiam	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

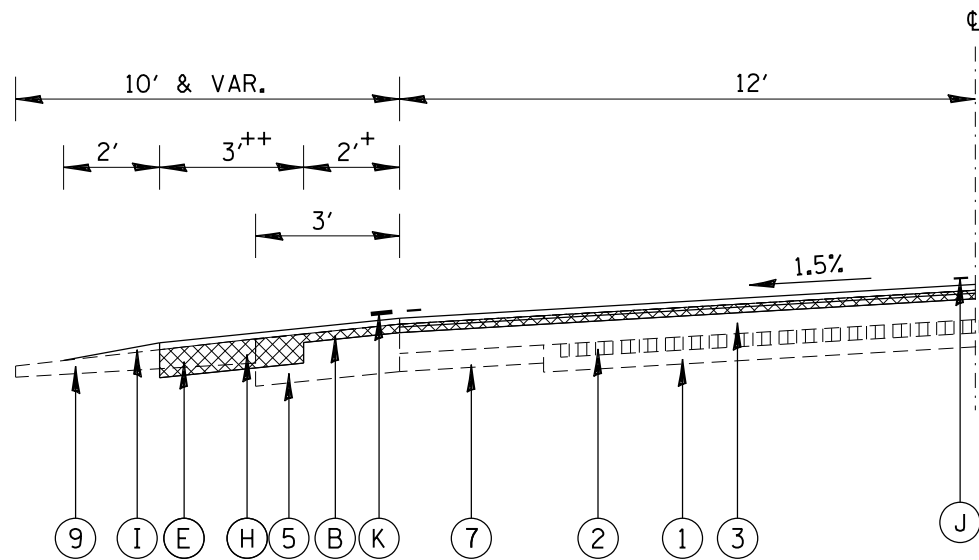
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	8
				CONTRACT NO. 68465

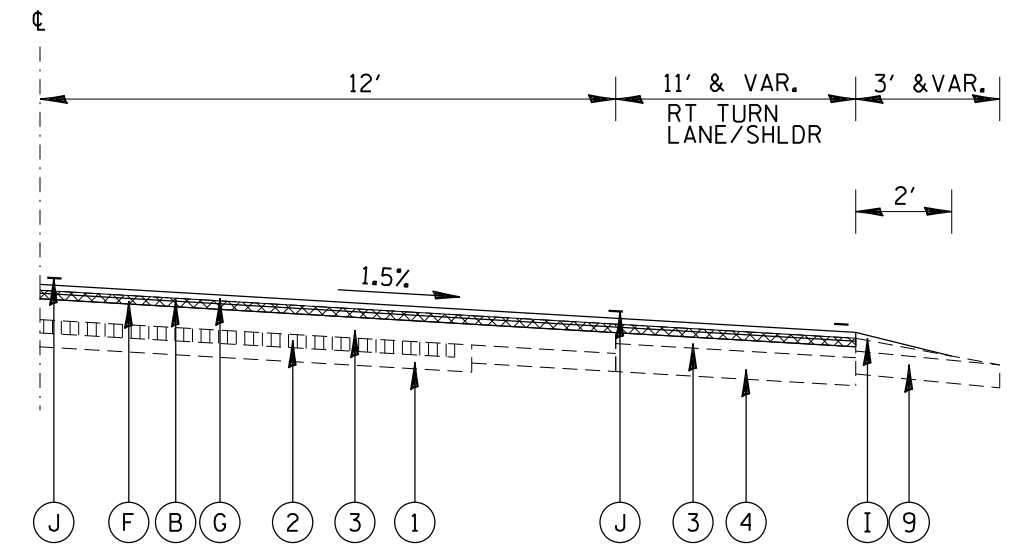
ILLINOIS FED. AID PROJECT

REV



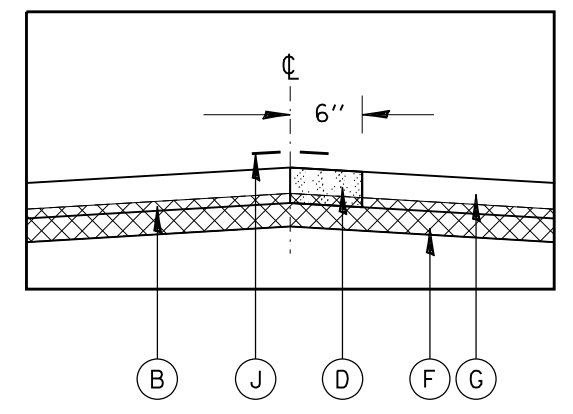


**LT STA. 33+00 TO STA. 36+15**



**RT STA. 33+00 TO STA. 36+15**

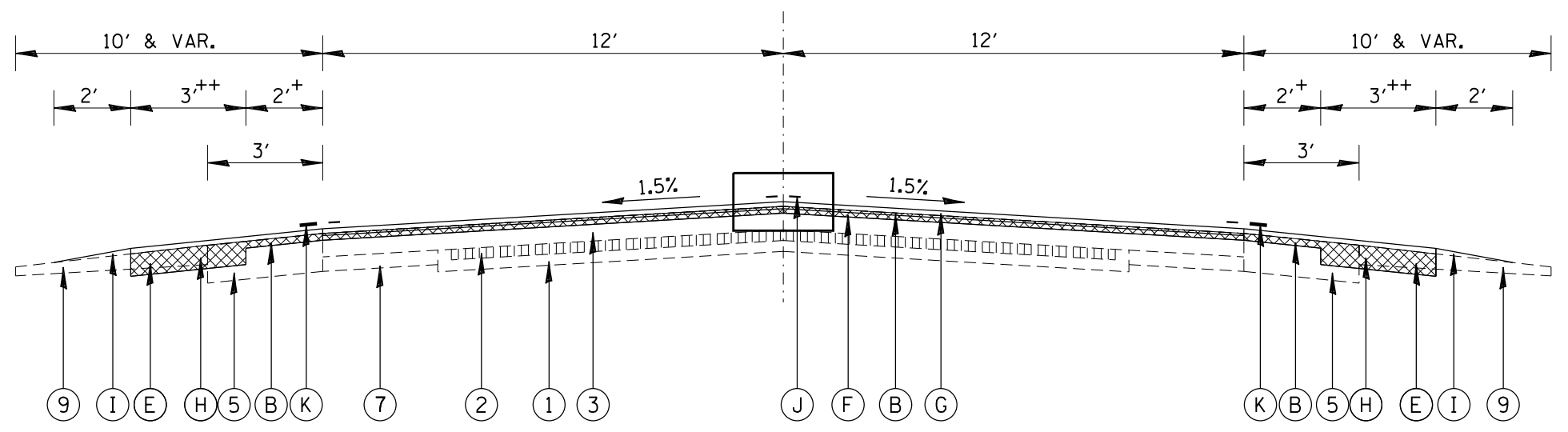
+ MILL 1.5" OF EX. HMA SHLDR, PLACE 2.5" PROP. HMA SHLDR.  
 ++ REMOVE 5" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.



**NOTE:**  
 SEE CONSTRUCTION SEQUENCE  
 FOR MILLING AND PAVING SPECIAL  
 PROVISION

**LEGEND**

1. EX. PCC PAVEMENT
  2. EX. BRICK COURSE 3"
  3. EX. HMA OVERLAY
  4. EX. HMA BASE COURSE
  5. EX. HMA SHOULDERS
  6. EX. SUB BASE GRANULAR
  7. EX. PCC BASE COURSE WIDENING
  9. EX. AGGREGATE SHOULDERS
  10. EX. CURB & GUTTER ( V GUTTER, B6-18 OR B6-24)
  11. EX. GUARDRAIL
- 
- A. PROP. HMA SURFACE REMOVAL 3/4"
  - B. PROP. HMA SURFACE REMOVAL 1 1/2"
  - C. PROP. HMA SURFACE REMOVAL 2 1/2"
  - D. PROP. HMA SURFACE REMOVAL (SPECIAL)
  - E. PROP. EARTH EXCAVATION (WIDENING)
  - F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"
  - G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
  - H. PROP. HMA SHOULDERS 6"
  - I. PROP. AGGREGATE SHOULDER TYPE B
  - J. PROP. PAVEMENT MARKINGS
  - K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH

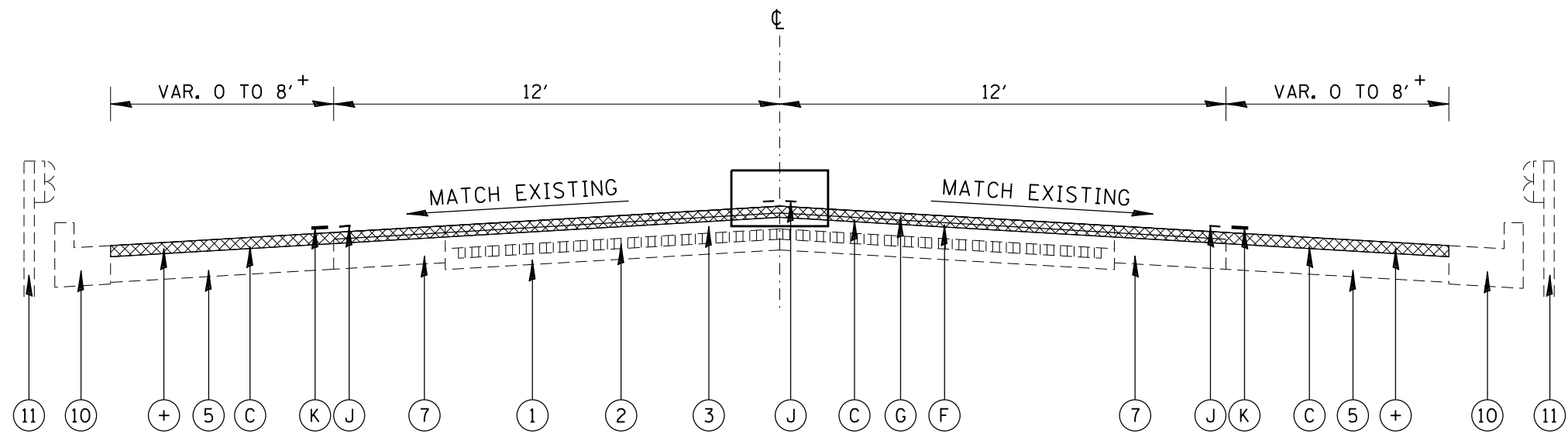


**STA. 36+15 TO STA. 62+35**

+ MILL 1.5" OF EX. HMA SHLDR, PLACE 2.5" PROP. HMA SHLDR.  
 ++ REMOVE 5" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.

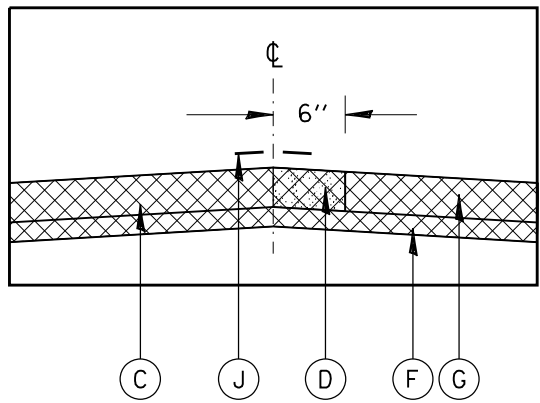
NOT TO SCALE

FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -					574	14RS-4,(15,16)RS-3	KNOX	44	9
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68465				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**STA. 62+35 TO STA. 68+00**

+ MILL 2.5" OF EX. HMA SHLDR, PLACE 2.5" PROP. HMA SHLDR.



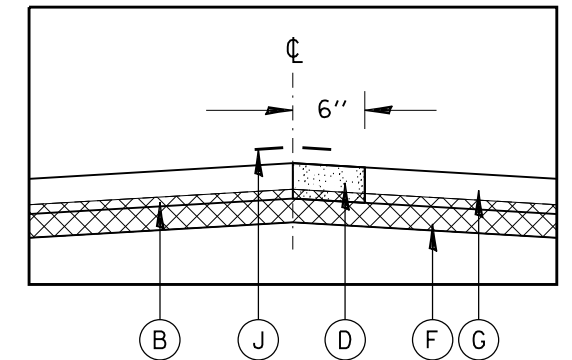
**NOTE:**  
SEE CONSTRUCTION SEQUENCE  
FOR MILLING AND PAVING SPECIAL  
PROVISION

**LEGEND**

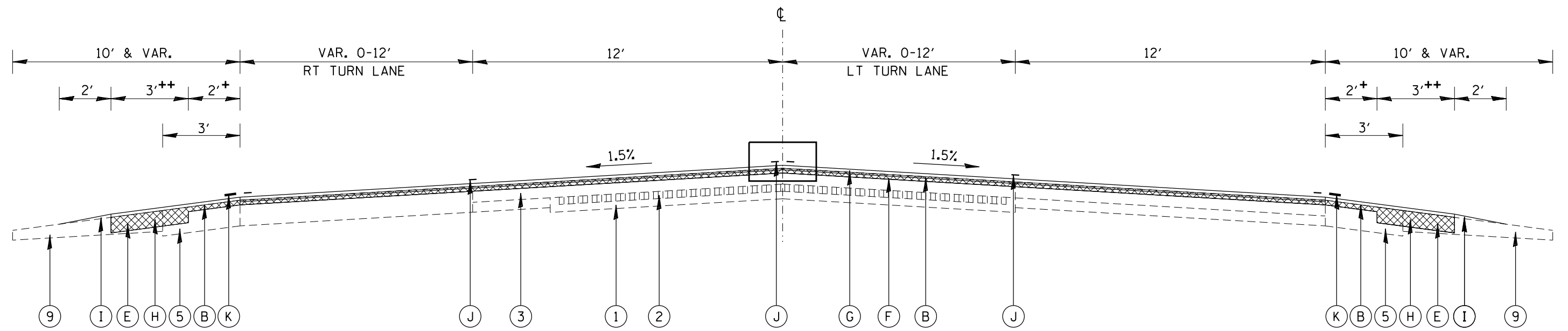
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. EX. PCC PAVEMENT</li> <li>2. EX. BRICK COURSE 3"</li> <li>3. EX. HMA OVERLAY</li> <li>4. EX. HMA BASE COURSE</li> <li>5. EX. HMA SHOULDERS</li> <li>6. EX. SUB BASE GRANULAR</li> <li>7. EX. PCC BASE COURSE WIDENING</li> <li>9. EX. AGGREGATE SHOULDERS</li> <li>10. EX. CURB &amp; GUTTER ( V GUTTER, B6-18 OR B6-24)</li> <li>11. EX. GUARDRAIL</li> </ul> | <ul style="list-style-type: none"> <li>A. PROP. HMA SURFACE REMOVAL 3/4"</li> <li>B. PROP. HMA SURFACE REMOVAL 1 1/2"</li> <li>C. PROP. HMA SURFACE REMOVAL 2 1/2"</li> <li>D. PROP. HMA SURFACE REMOVAL (SPECIAL)</li> <li>E. PROP. EARTH EXCAVATION (WIDENING)</li> <li>F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"</li> <li>G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"</li> <li>H. PROP. HMA SHOULDERS 6"</li> <li>I. PROP. AGGREGATE SHOULDER TYPE B</li> <li>J. PROP. PAVEMENT MARKINGS</li> <li>K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH</li> </ul> |
|--|---|

NOT TO SCALE

FILE NAME = cover sheet_line dia...dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.P. RTE. 574	SECTION 14RS-4,(15,16)RS-3	COUNTY KNOX	TOTAL SHEETS 44	SHEET NO. 10
Default	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 68465		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/7/2016	DATE -	REVISED -							



**NOTE:**  
SEE CONSTRUCTION SEQUENCE FOR MILLING AND PAVING SPECIAL PROVISION



**STA. 68+00 TO STA. 89+00**

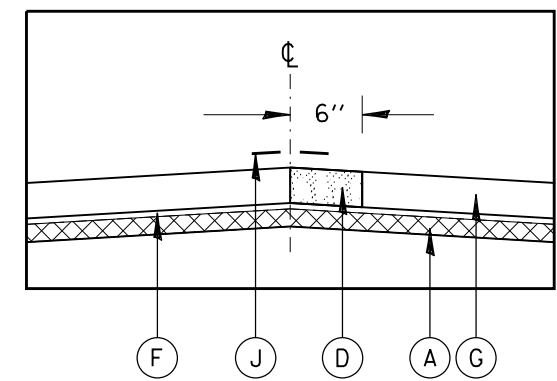
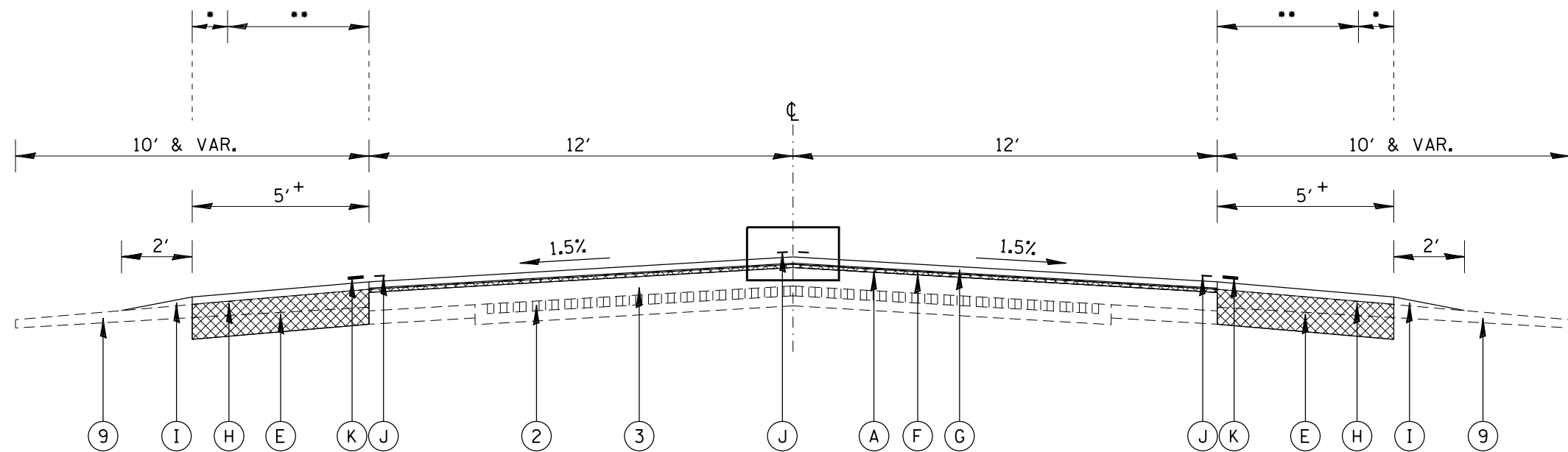
+ MILL 1.5" OF EX. HMA SHLDR, PLACE 2.5" PROP. HMA SHLDR.  
++ REMOVE 5" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.

**LEGEND**

- |   |   |
|---|---|
| 1. EX. PCC PAVEMENT                               | A. PROP. HMA SURFACE REMOVAL 3/4"                                 |
| 2. EX. BRICK COURSE 3"                            | B. PROP. HMA SURFACE REMOVAL 1 1/2"                               |
| 3. EX. HMA OVERLAY                                | C. PROP. HMA SURFACE REMOVAL 2 1/2"                               |
| 4. EX. HMA BASE COURSE                            | D. PROP. HMA SURFACE REMOVAL (SPECIAL)                            |
| 5. EX. HMA SHOULDERS                              | E. PROP. EARTH EXCAVATION (WIDENING)                              |
| 6. EX. SUB BASE GRANULAR                          | F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"               |
| 7. EX. PCC BASE COURSE WIDENING                   | G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2" |
| 9. EX. AGGREGATE SHOULDERS                        | H. PROP. HMA SHOULDERS 6"   |
| 10. EX. CURB & GUTTER ( V GUTTER, B6-18 OR B6-24) | I. PROP. AGGREGATE SHOULDER TYPE B                                |
| 11. EX. GUARDRAIL                                 | J. PROP. PAVEMENT MARKINGS  |
|   | K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH                           |

NOT TO SCALE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	574	14RS-4,(15,16)RS-3	KNOX	44	11
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -		CONTRACT NO. 68465											
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT											



**NOTE:**  
SEE CONSTRUCTION SEQUENCE  
FOR MILLING AND PAVING SPECIAL  
PROVISION

**STA. 89+00 TO STA. 129+40**  
**STA. 198+00 TO STA. 470+40**

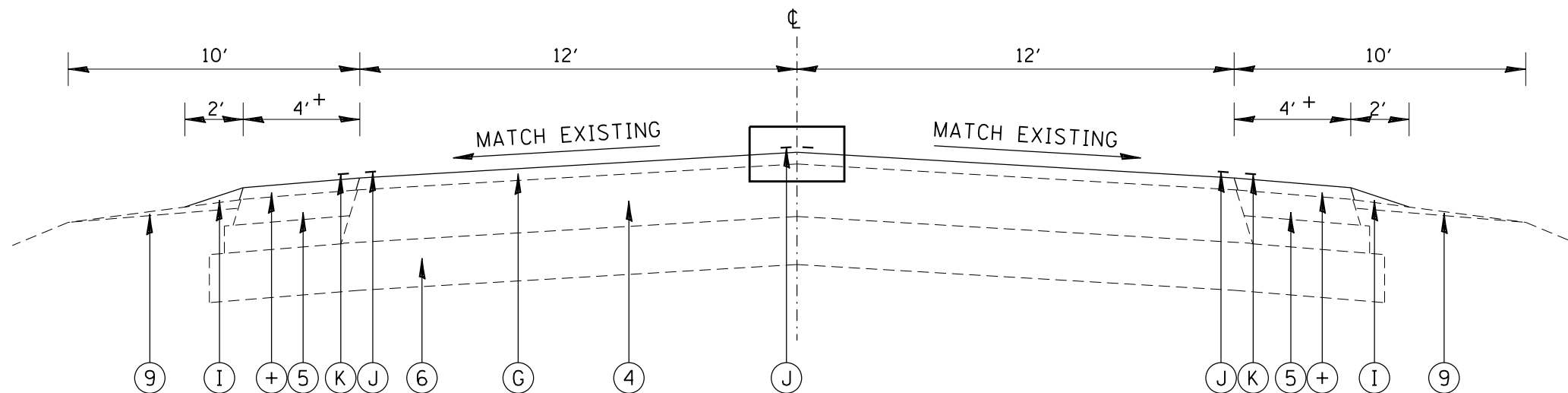
+ REMOVE 4.25" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.  
• 1 FT ROADWAY FUNDS  
•• 4 FT SAFETY FUNDS

**LEGEND**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. EX. PCC PAVEMENT</li> <li>2. EX. BRICK COURSE 3"</li> <li>3. EX. HMA OVERLAY</li> <li>4. EX. HMA BASE COURSE</li> <li>5. EX. HMA SHOULDERS</li> <li>6. EX. SUB BASE GRANULAR</li> <li>7. EX. PCC BASE COURSE WIDENING</li> <li>9. EX. AGGREGATE SHOULDERS</li> <li>10. EX. CURB &amp; GUTTER ( V GUTTER, B6-18 OR B6-24)</li> <li>11. EX. GUARDRAIL</li> </ul> | <ul style="list-style-type: none"> <li>A. PROP. HMA SURFACE REMOVAL 3/4"</li> <li>B. PROP. HMA SURFACE REMOVAL 1 1/2"</li> <li>C. PROP. HMA SURFACE REMOVAL 2 1/2"</li> <li>D. PROP. HMA SURFACE REMOVAL (SPECIAL)</li> <li>E. PROP. EARTH EXCAVATION (WIDENING)</li> <li>F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"</li> <li>G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"</li> <li>H. PROP. HMA SHOULDERS 6"</li> <li>I. PROP. AGGREGATE SHOULDER TYPE B</li> <li>J. PROP. PAVEMENT MARKINGS</li> <li>K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH</li> </ul> |
|--|---|

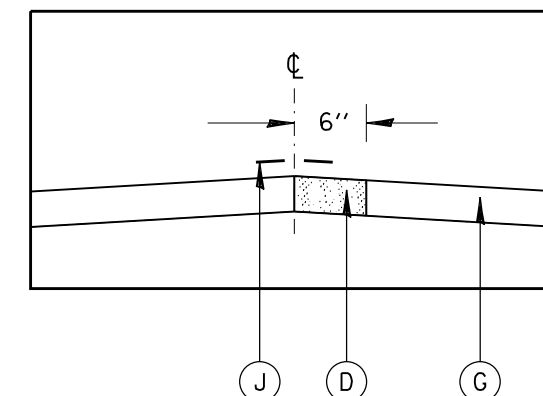
NOT TO SCALE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	574	14RS-4,(15,16)RS-3	KNOX	44	12
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -									CONTRACT NO. 68465				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

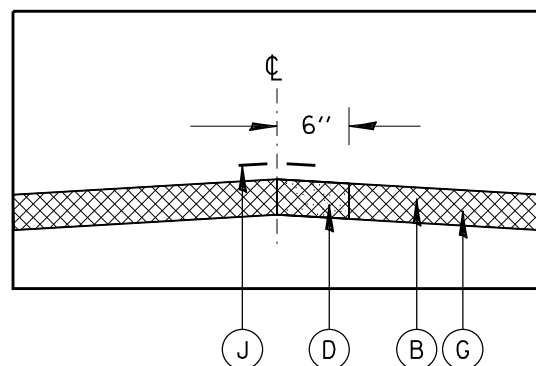


**STA. 129+00 TO STA. 148+40**  
**STA. 170+40 TO STA. 198+00**

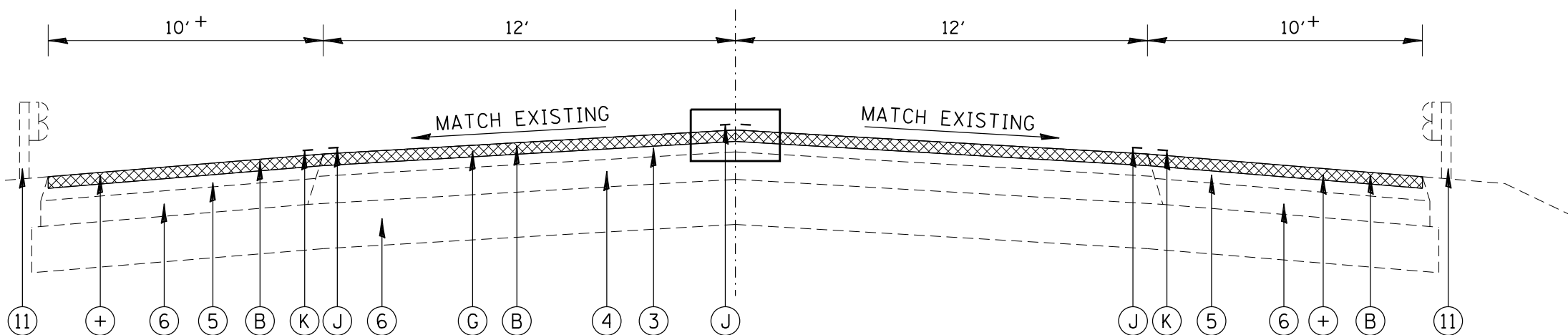
+ PLACE 1.5" PROP. HMA SHLDR.



**NOTE:**  
 SEE CONSTRUCTION SEQUENCE  
 FOR MILLING AND PAVING SPECIAL  
 PROVISION



**NOTE:**  
 SEE CONSTRUCTION SEQUENCE  
 FOR MILLING AND PAVING SPECIAL  
 PROVISION



**STA. 148+40 TO STA. 158+43**  
**BRIDGE OMISSION: STA. 158+43 TO STA. 160+00**  
**STA. 160+00 TO STA. 170+40**

+ PLACE 1.5" PROP. HMA SHLDR.

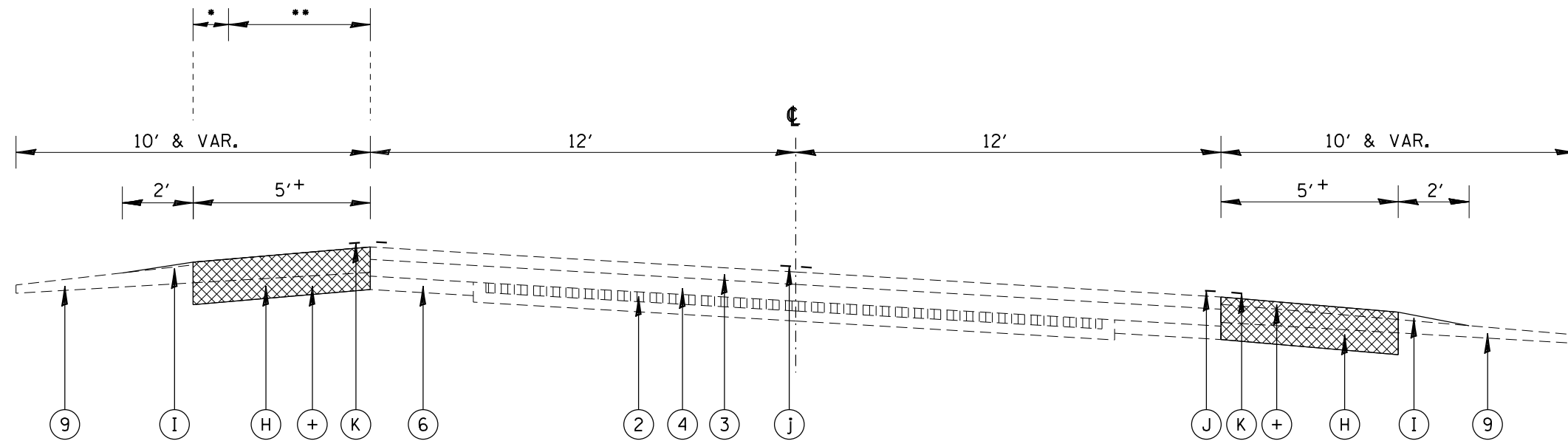
**LEGEND**

- 1. EX. PCC PAVEMENT
- 2. EX. BRICK COURSE 3"
- 3. EX. HMA OVERLAY
- 4. EX. HMA BASE COURSE
- 5. EX. HMA SHOULDERS
- 6. EX. SUB BASE GRANULAR
- 7. EX. PCC BASE COURSE WIDENING
- 9. EX. AGGREGATE SHOULDERS
- 10. EX. CURB & GUTTER ( V GUTTER, B6-18 OR B6-24)
- 11. EX. GUARDRAIL

- A. PROP. HMA SURFACE REMOVAL 3/4"
- B. PROP. HMA SURFACE REMOVAL 1 1/2"
- C. PROP. HMA SURFACE REMOVAL 2 1/2"
- D. PROP. HMA SURFACE REMOVAL (SPECIAL)
- E. PROP. EARTH EXCAVATION (WIDENING)
- F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"
- G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
- H. PROP. HMA SHOULDERS 6"
- I. PROP. AGGREGATE SHOULDER TYPE B
- J. PROP. PAVEMENT MARKINGS
- K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH

NOT TO SCALE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	574	14RS-4,(15,16)RS-3	KNOX	44	13
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -									CONTRACT NO. 68465				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

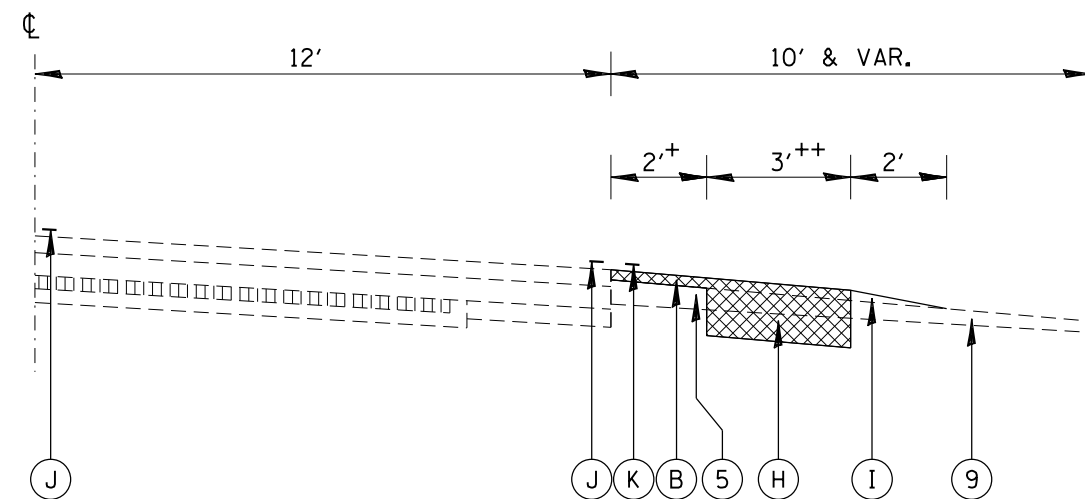


**STA. 470+40 TO STA. 471+70**

+ REMOVE 6" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.  
 \* 1 FT ROADWAY FUNDS  
 \*\* 4 FT SAFETY FUNDS

**LEGEND**

1. EX. PCC PAVEMENT
  2. EX. BRICK COURSE 3"
  3. EX. HMA OVERLAY
  4. EX. HMA BASE COURSE
  5. EX. HMA SHOULDERS
  6. EX. SUB BASE GRANULAR
  7. EX. PCC BASE COURSE WIDENING
  9. EX. AGGREGATE SHOULDERS
  10. EX. CURB & GUTTER ( V GUTTER, B6-18 OR B6-24)
  11. EX. GUARDRAIL
- 
- A. PROP. HMA SURFACE REMOVAL 3/4"
  - B. PROP. HMA SURFACE REMOVAL 1 1/2"
  - C. PROP. HMA SURFACE REMOVAL 2 1/2"
  - D. PROP. HMA SURFACE REMOVAL (SPECIAL)
  - E. PROP. EARTH EXCAVATION (WIDENING)
  - F. PROP. POLY LEVELING BINDER (MM), IL-4.75, N50 1"
  - G. PROP. POLY HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
  - H. PROP. HMA SHOULDERS 6"
  - I. PROP. AGGREGATE SHOULDER TYPE B
  - J. PROP. PAVEMENT MARKINGS
  - K. PROP. SHOULDER RUMBLE STRIPS, 8 INCH

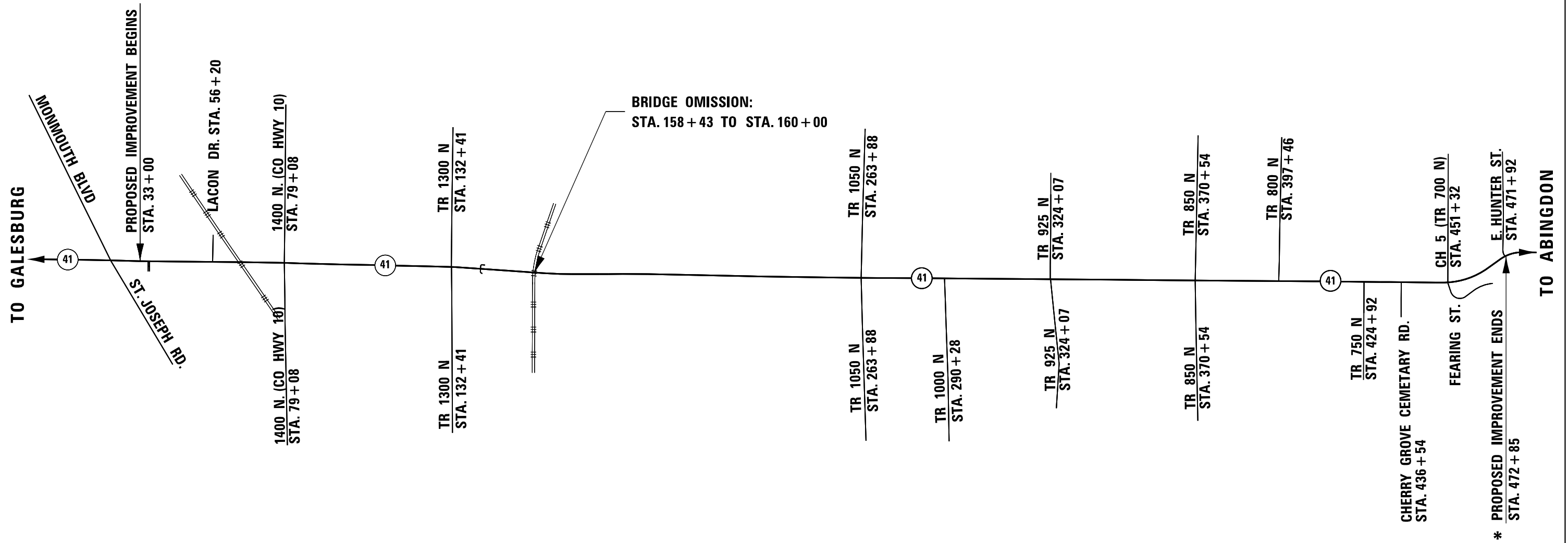


**RT STA. 471+70 TO STA. 472+85**

+ MILL 1.5" OF EX. HMA SHLDR, PLACE 1.5" PROP. HMA SHLDR.  
 ++ REMOVE 6" OF EX. SHLDR, PLACE 6" PROP. HMA SHLDR.

NOT TO SCALE

FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	574	14RS-4,(15,16)RS-3	KNOX	44	14
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -										CONTRACT NO. 68465			
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT			



\* PROPOSED OVERLAY ENDS STA. 470+40  
 PROPOSED SHOULDER IMPROVEMENT ENDS STA. 472+85 (RT) & STA. 471+70 (LT)

NOT TO SCALE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	15
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				

**RESURFACING – MAINLINE**

LOCATION		LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)	TRACKLESS TACK*		BIT MATERIALS TACK COAT SPECIAL ** (LJSM)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA BASE COURSE 6"	POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"	POLY HMA SURFACE COURSE, MIX D, N50 1 1/2"	MATERIAL TRANSFER DEVICE	
									SAFETY	ROADWAY							
									LT & RT	LT & RT							
STA.	TO	STA.	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LB	LB	LB	TON	SQ YD	TON	TON	TON
STA. 33+00	TO	STA. 33+20	20	35	77.78							175.00			4.36	6.53	10.89
STA. 33+20	TO	STA. 36+15	295	35	1,147.22			1,147.22				2,581.25			64.24	96.37	160.61
STA. 36+15	TO	STA. 62+35	2,620	24	6,986.67			6,986.67				15,720.00			391.25	586.88	978.13
STA. 62+35	TO	STA. 68+00	565	24	1,506.67			1,506.67			1,627.20				84.37	126.56	210.93
STA. 68+00	TO	STA. 70+40	240	24	640.00			640.00			691.20				35.84	53.76	89.60
STA. 70+40	TO	STA. 74+60	420	24-36	1,400.00			1,400.00			1,512.00				78.40	117.60	196.00
STA. 74+60	TO	STA. 79+10	450	36	1,800.00			1,800.00			1,944.00				100.80	151.20	252.00
STA. 79+10	TO	STA. 80+00	90	36	360.00			360.00			388.80				20.16	30.24	50.40
STA. 80+00	TO	STA. 80+40	40	50	222.22			222.22			240.00				12.44	18.67	31.11
STA. 80+40	TO	STA. 82+10	170	48	906.67			906.67			979.20				50.77	76.16	126.93
STA. 82+10	TO	STA. 83+70	160	48-36	746.67			746.67			806.40				41.81	62.72	104.53
STA. 83+70	TO	STA. 87+90	420	36-24	1,400.00			1,400.00			1,512.00				78.40	117.60	196.00
STA. 87+90	TO	STA. 89+00	110	24	293.33			293.33			316.80				16.43	24.64	41.07
STA. 89+00	TO	STA. 128+90	3,990	24	10,640.00	10,640.00					11,491.20				595.84	893.76	1489.60
STA. 128+90	TO	STA. 129+00	10	24	26.67						19.20				1.49	2.24	3.73
STA. 129+00	TO	STA. 148+40	1,940	24	5,173.33						3,724.80					434.56	434.56
STA. 148+40	TO	STA. 158+13	973	24	2,594.67			2,594.67			1,868.16					217.95	217.95
STA. 158+13	TO	STA. 158+43	30	24	80.00						57.60					6.72	6.72
STA. 158+43	TO	STA. 160+00	157	BRIDGE OMMISION ( SN 048-0087 )													
STA. 160+00	TO	STA. 160+30	30	24	80.00						57.60					6.72	6.72
STA. 160+30	TO	STA. 170+40	1,010	24	2,693.33			2,693.33			1,939.20					226.24	226.24
STA. 170+40	TO	STA. 198+00	2,760	24	7,360.00						5,299.20					618.24	618.24
STA. 198+00	TO	STA. 198+10	10	24	26.67						19.20				1.49	2.24	3.73
STA. 198+10	TO	STA. 443+40	24,530	24	65,413.33	65,413.33					70,646.40				3663.15	5494.72	9157.87
STA. 443+40	TO	STA. 444+20	80	24-28.7	234.22	234.22					252.96				13.12	19.67	32.79
STA. 444+20	TO	STA. 446+30	210	28.7-37	766.50	766.50					827.82				42.92	64.39	107.31
STA. 446+30	TO	STA. 447+65	135	37-31.5	513.75	513.75					554.85				28.77	43.16	71.93
STA. 447+65	TO	STA. 449+00	135	31.5-36	506.25	506.25					546.75				28.35	42.53	70.88
STA. 449+00	TO	STA. 454+10	510	36	2,040.00	2,040.00					2,203.20				114.24	171.36	285.60
STA. 454+10	TO	STA. 458+90	480	36-28.7	1,725.33	1,725.33					1,863.36				96.62	144.93	241.55
STA. 458+90	TO	STA. 459+90	100	28.7-24	292.78	292.78					316.20				16.40	24.59	40.99
STA. 459+90	TO	STA. 470+05	1,015	24	2,706.67	2,706.67					2,923.20				151.57	227.36	378.93
STA. 470+05	TO	STA. 470+40	35	24	93.33						100.80				5.23	7.84	13.07



**RESURFACING – MAINLINE**

LOCATION	LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)	TRACKLESS TACK*		BIT MATERIALS TACK COAT SPECIAL ** (LJSM)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA BASE COURSE 6"	POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"	POLY HMA SURFACE COURSE, MIX D, N50 1 1/2"	MATERIAL TRANSFER DEVICE		
								SAFETY	ROADWAY								
								LT & RT	LT & RT								
STA.	TO	STA.	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	LB	LB	LB	TON	SQ YD	TON	TON	TON
<b>SIDEROADS</b>																	
SWING BLVD.			30	60-90	250						180.00		21.00				
LACON DRIVE			30	50-90	233						168.00		19.60				
T.R. 1400 N. (CO. HWY 10) EAST			35	90-200	529						381.16		44.47				
T.R. 1400 N. (CO. HWY 10) WEST			30	25-80	175						126.00		14.70				
T.R. 1300 N. – EAST			30	35-95	208						150.00		17.50				
T.R. 1300 N. – WEST			35	20-85	204						147.00		17.15				
STORAGE FACILITIES ENTRANCE (WEST)			30	30-90	200						144.00		16.80				
RAILROAD ENTRANCE (EAST)			30	40-110	250						180.00		21.00				
T.R. 1050 N. – EAST			30	20-75	158						114.00		13.30				
T.R. 1050 N. – WEST			30	25-75	167						120.00		14.00				
T.R. 1000 N. – WEST			5	20-25	13						9.00		1.05				
T.R. 925 N. – EAST			5	20-40	17						12.00		1.40				
T.R. 925 N. – WEST			5	20-45	18						13.00		1.52				
T.R. 850 N. – EAST			5	20-40	17						12.00		1.40				
T.R. 850 N. – WEST			5	20-55	21						15.00		1.75				
T.R. 800 N. – EAST			5	20-60	22						16.00		1.87				
T.R. 750 N. – WEST			5	20-60	22						16.00		1.87				
T.R. 730 (CHERRY GROVE CEMETERY RD)			5	20-55	21						15.00		1.75				
N FEARING AVE			30	25-75	167						120.00		14.00				
T.R. 700 N. (CO. HWY 5) EAST			40	25-80	233.33						252.00		22.87	233.33			
<b>10 ENTRANCES</b>											2,520.00		32.67				
<b>23 MAILBOXS</b>											3,312.00		42.93				
<b>PAVE WIDE MILL WIDE QUANTITIES</b>																203.39	203.39
<b>QUANTITIES FROM RESURFACING SHOULDER TABLE</b>							6,224	503									
<b>ADDITIONAL 5% FOR FIELD EXPERIMENTATION</b>											6,224.74						
<b>TOTAL</b>			<b>44,160</b>			<b>84,839</b>	<b>27,415</b>	<b>2,010</b>	<b>2,421</b>	<b>130,720</b>	<b>18,476</b>	<b>325</b>	<b>233</b>	<b>5,738</b>	<b>10,322</b>	<b>16,060</b>	

\* **PRIME COAT RATE USED**

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.08
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.04

\*\* **PRIME COAT RATE USED**

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.125
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.125

**RESURFACING – SHOULDER**

LOCATION	LENGTH		EX. HMA. SHLDR. WIDTH		EARTH EXCAVATION (WIDENING)*		HMA SURFACE REMOVAL 1.5"	HMA SURFACE REMOVAL 2.5"	HMA SHLDR		POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)*		AGGREGATE SHOULDER TYPE B	SHOULDER RUMBLE STRIPS 8"				
									SAFETY	ROADWAY	SAFETY	ROADWAY						
									LT	RT	LT & RT	LT & RT			LT & RT	LT & RT	LT & RT	LT & RT
									FT	FT	CU YD	CU YD			SQ YD	SQ YD	TON	TON
3' EX. HMA SHLDR.*	STA. 33+00	TO	STA. 36+15	315	3	0		14.58	70.00		39.20		163.80	11.96	315			
	STA. 36+15	TO	STA. 62+35	2,620	3	3		242.59	1,164.44		749.90		2,724.80	99.46	5,240			
	STA. 62+35	TO	STA. 62+88	53	3-8	3-8				64.8	9.07		46.64	2.01	106			
	STA. 62+88	TO	STA. 63+65	77		8				68.4	9.58		49.28	0.00	77			
		TO	STA. 63+97	109	8-3					66.6	9.33		47.96	0.00	109			
	STA. 63+65	TO	STA. 64+50	85		8-3				51.9	7.27		37.40	0.00	85			
	STA. 66+15	TO	STA. 67+46	131		3-8				80.1	11.21		57.64	0.00	131			
	STA. 65+74	TO		172	3-8					105.1	14.72		75.68	0.00	172			
STA. 67+46	TO	STA. 68+00	54	8-3	8-3				66.0	9.24		47.52	2.05	108				
NO EX. HMA SHLDR	STA. 68+00	TO	STA. 89+00	2,100	3	3		194.44	933.33		601.07		2,184.00	79.72	4,200			
4'-10' EX. HMA SHLDR	STA. 129+00	TO	STA. 148+30	1,930		4					72.05		617.60	36.63	1,930			
		TO	STA. 150+33	2,133	4						79.63		682.56	40.49	2,133			
	STA. 148+30	TO	STA. 149+00	70		4-10					4.57		39.20	2.66	70			
	STA. 150+33	TO	STA. 150+88	55	4-10						3.59		30.80	2.09	55			
	STA. 149+00	TO	STA. 158+43	943		10			1,047.78		88.01		754.40	0.00	943			
	STA. 150+88	TO		755	10				838.89		70.47		604.00	0.00	755			
	BRIDGE OMMISION ( SN 048-0087 )				157													
	STA. 160+00	TO	STA. 169+20	920		10			1,022.22			85.87		736.00	0.00	920		
		TO	STA. 170+10	1,010	10				1,122.22			94.27		808.00	0.00	1,010		
	STA. 169+20	TO	STA. 169+80	60		10-4					3.92		33.60	2.28	60			
	STA. 170+10	TO	STA. 170+40	30	10-4						1.96		16.80	1.14	30			
	STA. 169+80	TO	STA. 198+00	2,820		4					105.28		902.40	107.06	2,820			
STA. 170+40	TO	2,760		4						103.04		883.20	104.78	2,760				
NO EX. HMA SHLDR	STA. 198+00	TO	STA. 470+40	27,240	0	0	2,858.52	714.63		8,135.68	2,033.92	26150.4	6537.6	1034.11	54,480			
	STA. 470+40	TO	STA. 471+70	130	0	0	13.64	3.41		38.83	9.71	124.8	31.2	4.94	260			
	STA. 471+70	TO	STA. 472+85	115	0	3		6.39	25.56		15.03		59.80	2.18	115			
<b>SUB-TOTAL</b>							<b>3,292</b>	<b>1,281</b>	<b>6,224</b>	<b>503</b>	<b>9,369</b>	<b>4,531</b>	<b>30,115</b>	<b>19,132</b>	<b>1,685</b>	<b>86,884</b>		
<b>TOTAL</b>							<b>4,573</b>	<b>1,281</b>	<b>6,224</b>	<b>503</b>	<b>13,900</b>	<b>4,531</b>	<b>49,247</b>	<b>1,685</b>	<b>86,884</b>			

\* The partial removal of the existing HMA shoulder shall be paid for as "EARTH EXCAVATION (WIDENING)"

**HMA SURFACE REMOVAL – BUTT JOINT – AND TEMPORARY RAMP**

LOCATION	LENGTH	WIDTH	SURFACE REMOVAL BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL BUTT JOINT	TEMP. RAMP			
REMARKS	STA.	TO	STA.	FT	FT	SQ YD	SQ YD	SQ YD
	STA. 33+00	TO	STA. 33+20	20	35	78		52
SWING BLVD.				30	60-90	250		67
LACON DRIVE				30	50-90	233		56
T.R. 1400 N. (CO. HWY 10) EAST				35	90-200	529		56
T.R. 1400 N. (CO. HWY 10) WEST				30	25-80	175		28
T.R. 1300 N. – EAST				30	35-95	208		39
T.R. 1300 N. – WEST				35	20-85	204		22
STORAGE FACILITIES ENTRANCE (WEST)				30	30-90	200		33
RAILROAD ENTRANCE (EAST)				30	40-110	250		44
	STA. 128+90	TO	STA. 129+00	10	24	27		13
	STA. 158+13	TO	STA. 158+43	30	44		147	13
BRIDGE OMMISION( SN 048-0087 )	STA. 158+43	TO	STA. 160+00					
	STA. 160+00	TO	STA. 160+30	30	44		147	13
	STA. 198+00	TO	STA. 198+10	10	24	27		13
HMA DRIVE WAY STA. 187+50				15	20-40	50		22
T.R. 1050 N. – EAST				30	20-75	158		22
T.R. 1050 N. – WEST				30	25-75	167		28
N FEARING AVE				30	25-75	167		28
700 N. (CO. HWY 5) EAST								28
	STA. 470+05	TO	STA. 470+40	35	24	93		36
<b>TOTAL</b>						<b>2,816</b>	<b>293</b>	<b>613</b>

**PARTIAL DEPTH PATCHING (SPECIAL)**

	STA.	TO	STA.	LENGTH	WIDTH	# OF PATCHES	(3" REMOVAL )	(5" REMOVAL)
				FT	FT		SQ YD	
N.B. LANE	STA. 33+00	TO	STA. 89+00	300	3	1		100.00
				50	3	3		50.00
				100	3	1		33.33
				200	3	1		66.67
	STA. 89+00	TO	STA. 470+00	10	12	14	186.67	
				15	12	4	80.00	
				200	6	1	133.33	
			150	12	1	200.00		
			20	12	1	26.67		
S.B. LANE	STA. 33+00	TO	STA. 89+00	160	3	1		53.33
				50	3	1		16.67
				200	3	1		66.67
				10	12	1		13.33
	STA. 89+00	TO	STA. 470+00	10	12	16	213.33	
			15	12	2	40.00		
<b>SUB TOTAL</b>							<b>880</b>	<b>400</b>
<b>TOTAL</b>							<b>1,280</b>	

**PARTIAL DEPTH PATCHING**

	STA.	TO	STA.	LENGTH	WIDTH	# OF PATCHES	QUANTITIES	
				FT	FT		TON	
N.B. LANE	STA. 33+00	TO	STA. 89+00	300	3	1		28.00
				50	3	3		14.00
				100	3	1		9.33
				200	3	1		18.67
	STA. 89+00	TO	STA. 470+00	10	12	14	31.36	
				15	12	4	13.44	
				200	6	1	22.40	
			150	12	1	33.60		
			20	12	1	4.48		
S.B. LANE	STA. 33+00	TO	STA. 89+00	160	3	1		14.93
				50	3	1		4.67
				200	3	1		18.67
				10	12	1		3.73
	STA. 89+00	TO	STA. 470+00	10	12	16	35.84	
			15	12	2	6.72		
<b>SUB TOTAL</b>							<b>147.84</b>	<b>112</b>
<b>TOTAL</b>							<b>260</b>	

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	19
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 68465				

**MODIFIED URETHANE PAVEMENT MARKING**

LOCATION			REMARKS	LENGTH	LT & RT EDGE LINE SOLID	SKIP DASH	NO PASSING SOLID			TURN LANE / ISLAND	ISLAND DIAG.	DIAG. SOILD	STOP BAR	LETTERS & SYMBOLS	
							RT	LT	DBL						
STA.	TO	STA.			WHITE	YELLOW	YELLOW			WHITE	WHITE	YELLOW	WHITE	WHITE	
					4"	4"	4"	4"	4"	8"	12"	12"	24"		
					FT	FT	FT			FT	FT	FT	FT	SQ FT	
STA. 33+00	TO	STA. 37+11	8" STA. 34+55 TO STA. 35+55	411	822	102.75		411		100				31.2	
STA. 37+11	TO	STA. 48+00		1089	2178	272.25									
STA. 48+00	TO	STA. 55+70		770	1540	192.5	770								
STA. 55+70	TO	STA. 71+50		1580	3160				3160						
STA. 71+50	TO	STA. 74+62		312	624				1248			85			
STA. 74+62		STA. 76+75		213	426				852			50			
STA. 76+75	TO	STA. 78+95	8" STA. 76+88 TO STA. 78+95	220	440				440	207				46.8	
<b>CH 10 INTERSECTION ; NORTH OF CONCRETE ISLAND</b>										340	115		12		
<b>CH 10 INTERSECTION ; EAST OF CONCRETE ISLAND</b>			RIGHT TURN TO IL 41 NORTH											15.6	
			THROUGH AND LEFT TURN TO IL 41 SOUTH											26	
<b>CH 10 INTERSECTION SOUTH OF CONCRETE ISLAND</b>			8" STA. 79+74 TO STA. 81+40 /82+10							533	90				
STA. 78+95	TO	STA. 81+80		285	570				570					78	
STA. 81+80	TO	STA. 83+70		190	380				760			45			
STA. 83+70		STA. 87+15		345	690				1380			90			
STA. 87+15	TO	STA. 87+90		75	150				150						
STA. 87+90	TO	STA. 93+80		590	1180	147.5		590							
STA. 93+80	TO	STA. 147+48		5368	10736	1342									
STA. 147+48	TO	STA. 156+60		912	1824	228	912								
STA. 156+60	TO	STA. 164+75		815	1630				1630						
STA. 164+75	TO	STA. 174+50		975	1950	243.75		975							
STA. 174+50	TO	STA. 436+00		26150	52300	6537.5									
STA. 436+00	TO	STA. 443+40		740	1480				1480						
STA. 443+40	TO	STA. 446+28		288	576				1152			95			
STA. 446+28		STA. 448+98		270	540				1080			70			
STA. 448+98	TO	STA. 451+35	8" STA. 448+98 TO STA. 451+35	237	474				474	237				31.2	
<b>TR 700 N (CH 5) INTERSECTION</b>															
STA. 451+90	TO	STA. 454+60	8" STA. 451+90 TO STA. 454+10	270	540				540	220				31.2	
STA. 454+60	TO	STA. 456+80		220	440				880			40			
STA. 456+80		STA. 459+87		307	614				1228			75			
STA. 459+87	TO	STA. 472+85		1298	2596				2596						
<b>SUBTOTAL</b>					<b>87,860</b>	<b>9,066</b>	<b>1,682</b>	<b>1,976</b>	<b>19,620</b>	<b>1,637</b>	<b>205</b>	<b>550</b>	<b>12</b>	<b>260</b>	
<b>TOTAL</b>					<b>120,204</b>				<b>1,637</b>	<b>755</b>	<b>12</b>	<b>260</b>			

FILE NAME = cover sheet_line dia...dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	20
			CONTRACT NO. 68465	
ILLINOIS FED. AID PROJECT				

LOCATION				RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
STA.	TO	STA.		EACH	EACH
<b>IL 41 MAINLINE</b>					
	STA. 33+00	TO	STA. 470+40	250	548
<b>TURN LANES</b>					
TR 1400 N. (CH 10)					19
<b>TURN LANES</b>					
TR 700 N. (CH 5)					12
<b>TOTAL</b>				<b>250</b>	<b>579</b>

LOCATION			SHORT-TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL
STA.	TO	STA.	SKIP DASH *	SHOULDER DIAGONALS **	SQFT
	STA. 33+00	TO	STA. 470+40	13122	3499.2
<b>TOTAL</b>			<b>16,621</b>	<b>2,041</b>	

\* 3 APPLICATIONS USED  
 \*\* 2 APPLICATIONS USED

LOCATION		PERMANENT SURVEY MARKERS, TYPE I
STA.	DESCRIPTION	EACH
STA. 60+10.00	PT	1
STA. 129+45.64	PC	1
STA. 142+33.70	PRC	1
STA. 149+07.05	PT	1
STA. 162+44.62	PC	1
STA. 172+22.81	PT	1
STA. 190+67.80	PC	1
STA. 197+34.92	PT	1
<b>TOTAL</b>		<b>8</b>

LOCATION					GUARDRAIL REMOVAL
STA.	TO	STA.	RT	LT	FT
STA. 63+05	TO	STA. 67+25	x		420
STA. 63+05	TO	STA. 67+20		x	415
STA. 69+00	TO	STA. 72+27		x	350
STA. 69+70	TO	STA. 71+55	x		200
STA. 391+06	TO	STA. 397+10		x	604
STA. 391+36	TO	STA. 397+30	x		594
STA. 397+80	TO	STA. 399+30		x	150
STA. 441+74	TO	STA. 443+86	x		212
STA. 441+74	TO	STA. 443+49		x	175
STA. 447+50	TO	STA. 451+35	x		525
STA. 449+90	TO	STA. 451+10	x		120
STA. 452+10	TO	STA. 455+40		x	330
STA. 457+75	TO	STA. 460+05	x		230
<b>TOTAL</b>					<b>4,325</b>

CURED - IN - PLACE PIPE LINER (CIPPL)									
LOCATION	EXISTING CULVERT			EXISTING EXTENSION			EXISTING FILL HEIGHT	CIPPL 30"	CIPPL 42"
	TYPE	SIZE	LENGTH	TYPE	SIZE	LENGTH			
STA.			FT		IN	RT FT	LT FT	FT	FT
STA. 49+85	CONC. BOX	3 x 3	54	CMP RCCP	42	16	8	6	16
STA. 55+33	CONC. BOX	2 x 2	34	CMP	30	12	8	3.9	54
STA. 97+43	CONC. BOX	2 x 2	34	CMP	30	8	6	2.3	48
STA. 118+45	CONC. BOX	2 x 2	36	CMP	30	10	8	2.3	54
STA. 239+53	CMP	30"	46	-	-	-	-	1.9	46
STA. 290+73	CONC. BOX	2 x 2	33	CMP	30	6	6	1.6	45
STA. 354+43	CONC. BOX	3 x 3	33	CMP	42	8	6	1.6	47
STA. 361+20	CONC. BOX	2 x 2	32	CMP	30	10	6	1.5	48
<b>TOTAL</b>								<b>295</b>	<b>63</b>

**PROPOSED GUARDRAIL \***

LOCATION		RTL	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	SPBGR, TYPE A 6 FT POSTS	SPBGR TYPE A 9 FT POSTS	LONG SPAN GUARDRAIL OVER CULVERT 12.5' SPAN	SPBGR, (SHORT RADIUS)	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL		
STA.	TO	STA.	RT	LT	EACH	EACH	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	TON
STA. 63+31	TO	STA. 65+02	x		1		1		75					2	1	23.8
STA. 63+49	TO	STA. 64+57		x	1		1		12.5					2	1	15.2
STA. 65+68	TO	STA. 66+76	x		1		1		12.5					2	1	15.2
STA. 65+14	TO	STA. 66+85		x	1		1		75					2	1	23.8
STA. 69+25	TO	STA. 72+00		x			2		175					4	2	28.5
STA. 96+79	TO	STA. 97+79	x				2							2	2	14
STA. 69+90	TO	STA. 71+28	x				1		87.5			20	1	2	1	24.5
STA. 97+07	TO	STA. 98+07		x			2							2	2	14
STA. 238+89	TO	STA. 239+89	x				2							2	2	14
STA. 239+17	TO	STA. 240+17		x			2							2	2	14
STA. 353+99	TO	STA. 354+99	x				2							2	2	14
STA. 354+27	TO	STA. 355+27		x			2							2	2	14
STA. 360+56	TO	STA. 361+56	x				2							2	2	14
STA. 360+84	TO	STA. 361+84		x			2							2	2	14
STA. 390+77	TO	STA. 396+90	x				2		512.5					8	2	88.2
STA. 391+10	TO	STA. 397+10		x		1	1		550			30		8	2	91.7
STA. 397+80	TO	STA. 399+30		x			2		50					2	2	21
STA. 436+08	TO	STA. 437+23		x			1		25		40			2	1	16.1
STA. 436+97	TO	STA. 437+62	x			1			25		40	30		1	1	16.8
STA. 437+23	TO	STA. 437+98		x			1		25					1	1	10.5
STA. 437+62	TO	STA. 438+37	x				1		25					1	1	10.5
STA. 441+58	TO	STA. 443+83	x				1	1	125					3	2	31.5
STA. 441+60	TO	STA. 444+10		x			2		150					3	2	35
STA. 447+00	TO	STA. 451+25	x				1		375					6	1	59.5
STA. 451+25	TO	STA. 451+40	x			1				125		40		2	1	26.6
STA. 452+10	TO	STA. 455+48		x			2		237.5					5	2	47.3
STA. 457+45	TO	STA. 460+45	x				2		200					4	2	42
<b>TOTAL</b>					<b>4</b>	<b>3</b>	<b>39</b>	<b>1</b>	<b>2,738</b>	<b>125</b>	<b>80</b>	<b>120</b>	<b>1</b>	<b>76</b>	<b>43</b>	<b>740</b>

\* Install proposed guardrail at 32" height

LOCATION			RT/LT	STONE RIPRAP, CLASS B3					STONE RIPRAP, CLASS B4*			
				WIDTH	LENGTH	AREA	THICKNESS	QUANTITIES	WIDTH	LENGTH	AREA	QUANTITIES (THICKNESS 16")
STA.	TO	STA.		FT	FT	SQ YD	IN	TON	FT	FT	SQ YD	TON
STA. 56 + 80	TO	STA. 58 + 80	LT	3 - 5	200.00	88.89	10	37.04				
STA. 58 + 80	TO	STA. 60 + 00	LT	5 - 6	120.00	73.33	24	73.33				
STA. 60 + 00	TO	STA. 62 + 90	LT	5 - 11	290.00	257.78	30	322.22				
STA. 62 + 90	TO	STA. 63 + 00	LT	14	10.00	15.56	10	6.48				
STA. 58 + 60	TO	STA. 59 + 10	RT	3 - 5	50.00	22.22	10	9.26				
STA. 59 + 10	TO	STA. 62 + 90	RT	5 - 13	380.00	380.00	22	348.33				
STA. 62 + 90	TO	STA. 63 + 00	RT	14	10.00	15.56	10	6.48				
STA. 67 + 37	TO	STA. 68 + 90	RT	5	153.0	85.0	10	35.42				
STA. 67 + 37	TO	STA. 68 + 90	LT	5	153.0	85.0	10	35.42				
STA. 70 + 00	TO	STA. 70 + 50	RT	5	50.00	27.78	10	11.57				
STA. 442 + 50			LT						40	50	222.22	148.15
STA. 458 + 35			LT	10	10	11.11	10	4.63				
STA. 458 + 50	TO	STA. 460 + 50	RT						5	200.0	111.1	74.07
<b>TOTAL</b>								<b>890</b>			<b>222</b>	

\* NO BEDDING MATERIAL OR FILTER FABRIC REQUIRED

TREE REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "STONE RIPRAP, CLASS B4"

LENGTH AND WIDTH ARE AN ESTIMATED AVRAVE

LOCATION			RT/LT	PAVED DITCH REMOVAL		REVTMENT MAT REMOVAL		
STA.	TO	STA.		LENGTH	WIDTH	LENGTH	WIDTH	AREA
			FT	FT	FT	FT	SQ YD	
STA. 58 + 60	TO	STA. 63 + 00	RT	440	3			
STA. 58 + 14	TO	STA. 61 + 60	LT	346	3			
STA. 61 + 60	TO	STA. 63 + 00	LT			140	14	218
STA. 67 + 37	TO	STA. 68 + 90	RT	153	3			
STA. 67 + 37	TO	STA. 68 + 90	LT	153	3			
STA. 70 + 00	TO	STA. 70 + 50	RT	50	3			
<b>TOTAL</b>				<b>1,092</b>				<b>218</b>

LOCATION	RT/LT	PIPE CULVERTS TO BE CLEANED		
		15" FT	24" FT	30" FT
STA. 265 + 68	RT & LT	44		
STA. 290 + 73	RT			15
STA. 458 + 35	LT		15	
<b>TOTAL</b>		<b>44</b>	<b>15</b>	<b>15</b>

LOCATION	RT/LT	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL (24")
		( FOR INFORMATION ONLY )	
		EACH	FT
STA. 70 + 25	RT	1	15
<b>TOTAL</b>		<b>1</b>	<b>15</b>

EROSION CONTROL								
			RT/LT	LENGTH	WIDTH	TEMPORARY DITCH CHECKS *	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
STA.	TO	STA.		FOOT	FOOT	FOOT	EACH	FOOT
STA. 56 + 80	TO	STA. 63 + 00	LT	620	10	60	1	620
STA. 58 + 60	TO	STA. 63 + 00	RT	440	10	40	1	440
STA. 67 + 37	TO	STA. 68 + 90	RT&LT	153	10	40	2	153
STA. 70 + 00	TO	STA. 70 + 50	RT	50	10	10		50
STA. 442 + 25	TO	STA. 442 + 75	LT	50	10	10	1	50
STA. 458 + 00	TO	STA. 458 + 50	LT	50	10	10	1	50
STA. 458 + 50	TO	STA. 460 + 50	RT	200	10	20	1	200
<b>TOTAL</b>						<b>190</b>	<b>7</b>	<b>1,563</b>

\* ROLLED EXCELSIOR SHALL BE USED

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	TRAINEES
	HOURS
JOBSITE	500
<b>TOTAL</b>	<b>500</b>

LOCATION	MOBILIZATION
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	ENGINEERS FIELD OFFICE, TYPE A
	CAL MO
JOBSITE	6
<b>TOTAL</b>	<b>6</b>

LOCATION	MOWING
	ACRE
JOBSITE - 2 mowing 2 mowings at 32.5 acre each	65
<b>TOTAL</b>	<b>65</b>

LOCATION	CONSTRUCTION STATION LAYOUT
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	RAILROAD PROTECTIVE LIABILITY INSURANCE
	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

LOCATION	TRAFFIC CONTROL SURVEILLANCE
	CAL DAY
JOBSITE	5
<b>TOTAL</b>	<b>5</b>

LOCATION	CHANGEABLE MESSAGE SIGN
	CAL DAY
JOBSITE (2 signs at 7days each)	14
<b>TOTAL</b>	<b>14</b>

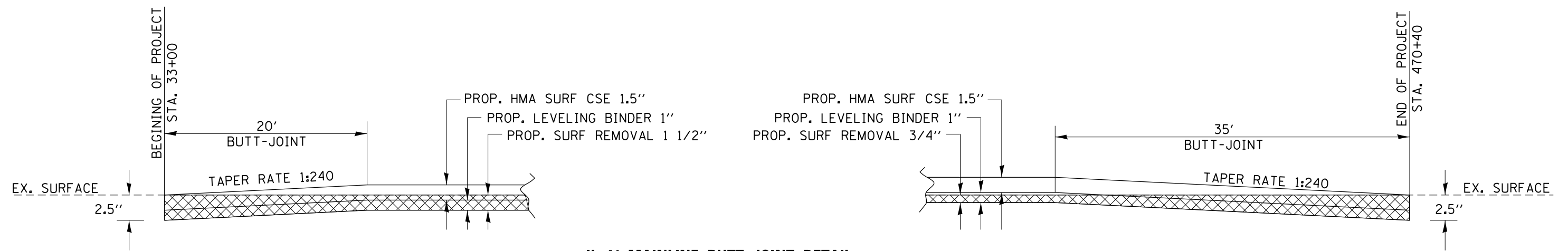
FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

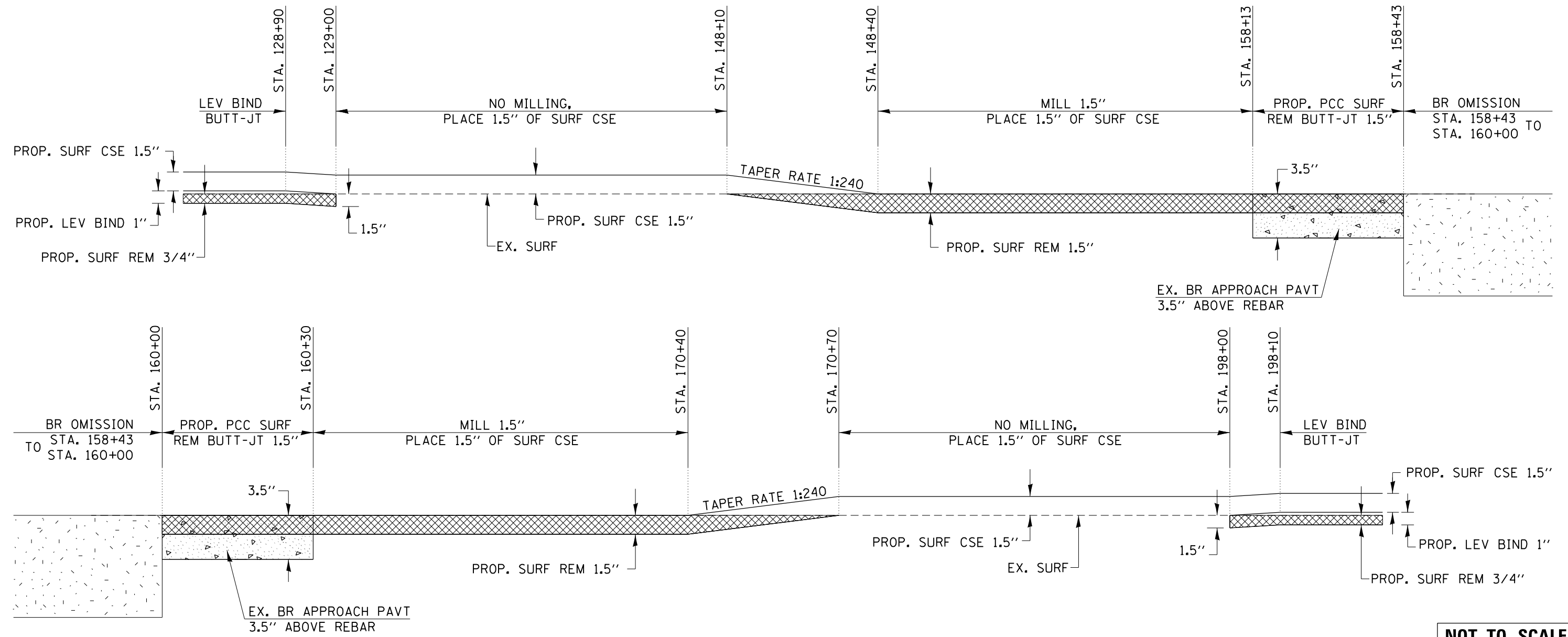
SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	24
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



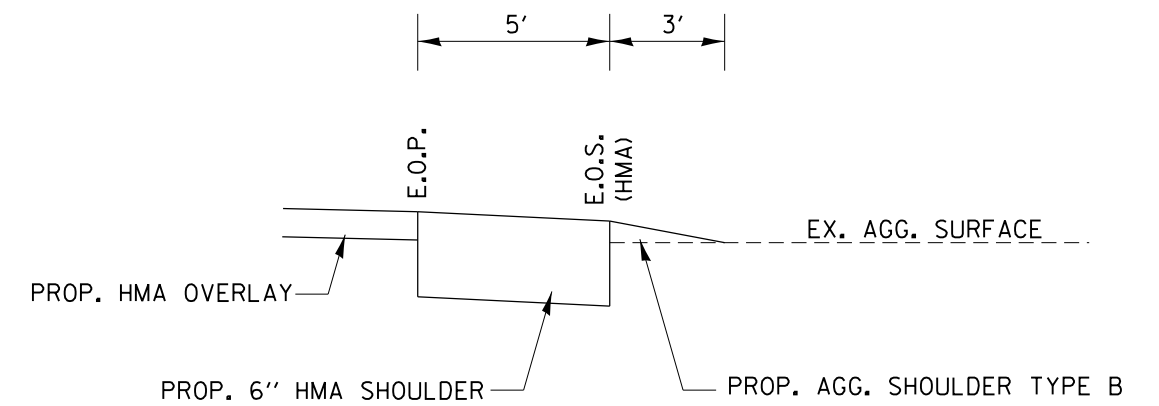
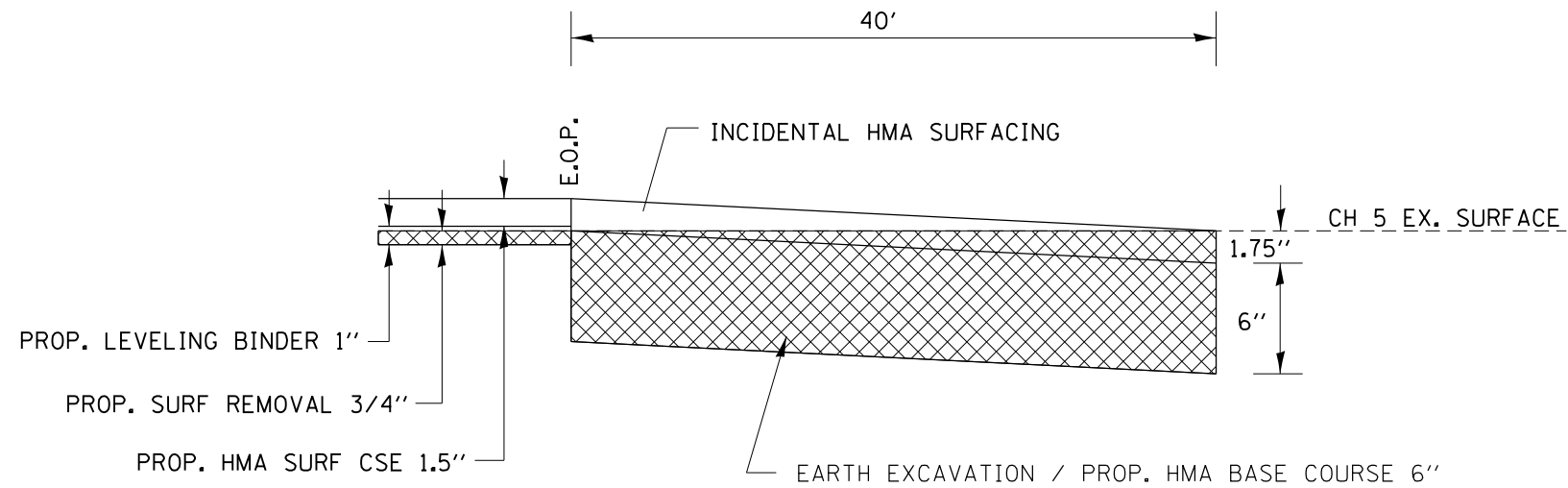


**IL 41 MAINLINE BUTT-JOINT DETAIL**



**NOT TO SCALE**

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT-JOINT AND TAPER DETAIL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	44	25
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -									CONTRACT NO. 68465	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

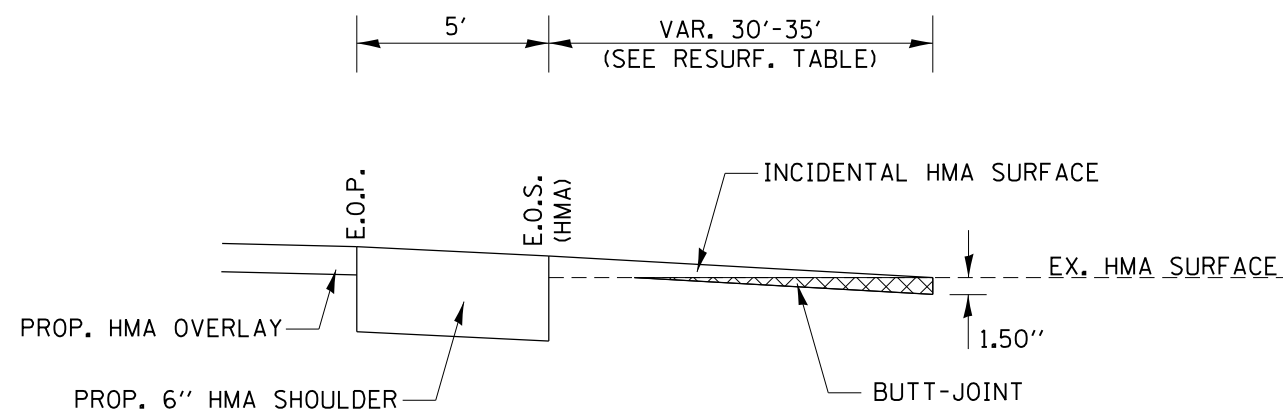


**AGG. DRIVEWAY**

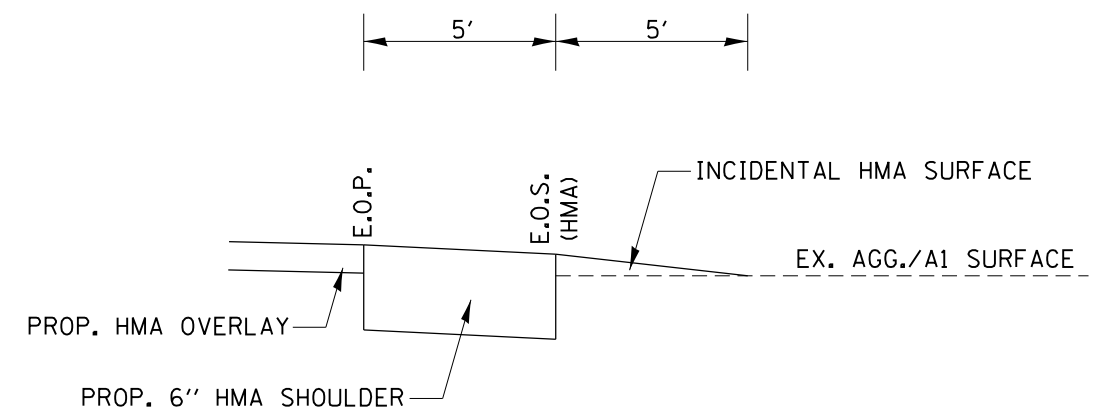
**NOTE:**

- 1- EARTH EXCAVATION SHALL BE INCULDED IN THE UNIT BID PRICE FOR "HMA BASE COURSE 6"
- 2- EARTH EXCAVATION AND PLACEMENT OF THE HMA BASE COURSE 6" SHALL BE CONSTRUCTED ONE HALF WIDTH AT A TIME
- 3- NO OVERNIGHT LANE CLOSURE SHALL BE ALLOWED

**TR 700 N (CH 5)**

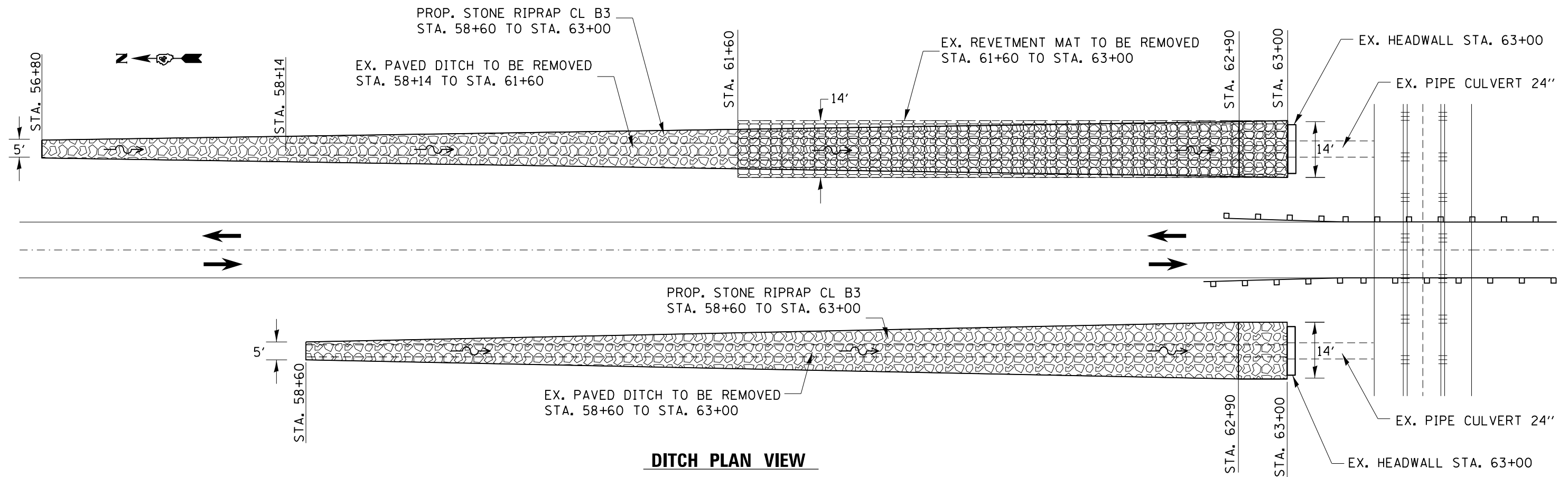


**HMA SIDEROADS**

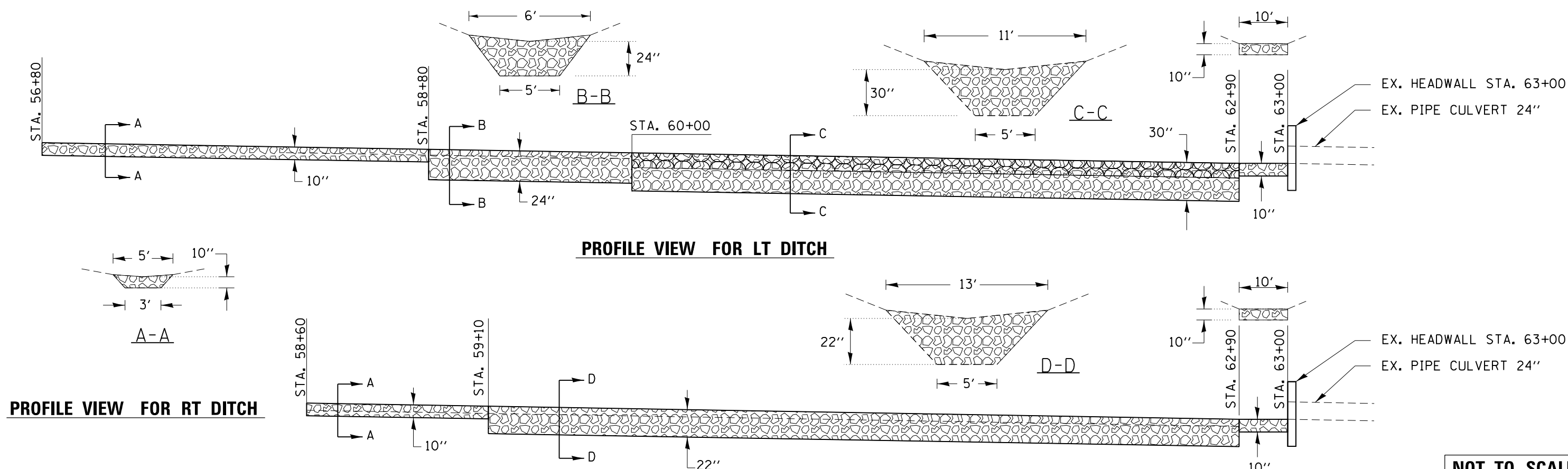


**AGG. SIDEROAD**

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED SIDEROADS /DRIVEWAYS IMPROVEMENT DETAIL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -					574	14RS-4,(15,16)RS-3	KNOX	44	26
Default	PLOT DATE = 12/7/2016	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68465				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**DITCH PLAN VIEW**

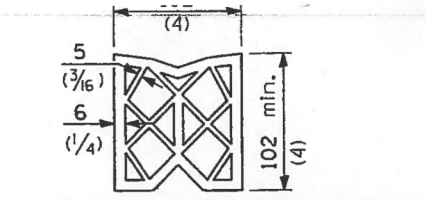
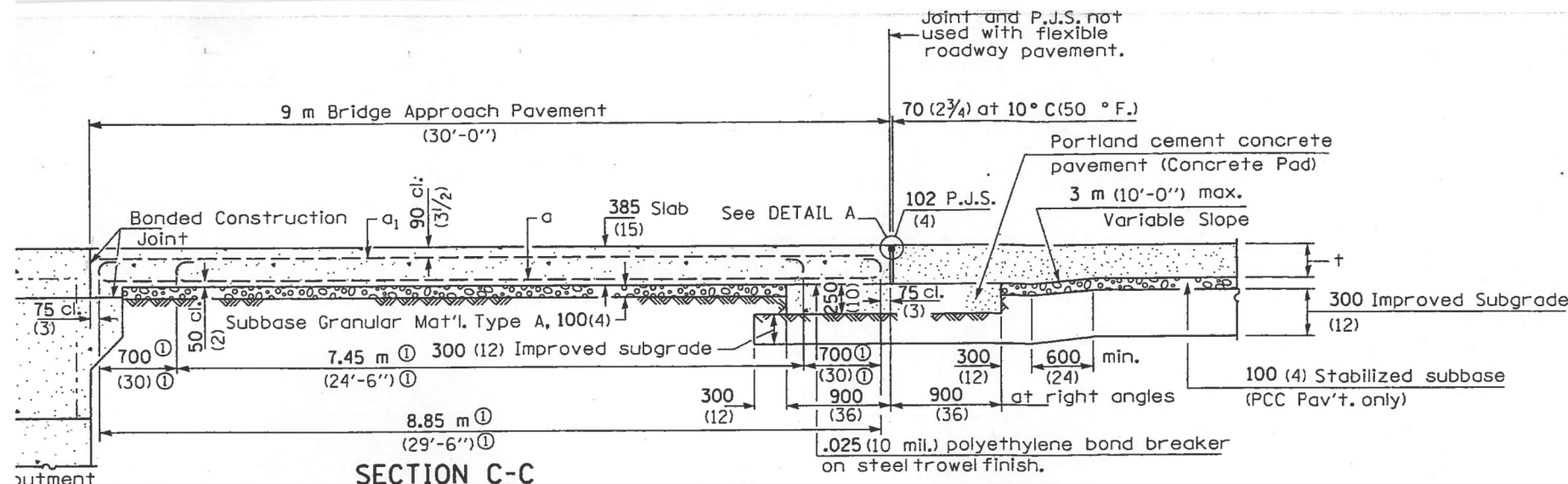


**PROFILE VIEW FOR RT DITCH**

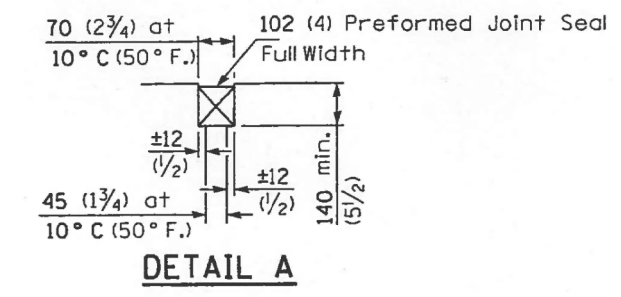
**PROFILE VIEW FOR LT DITCH**

**NOT TO SCALE**

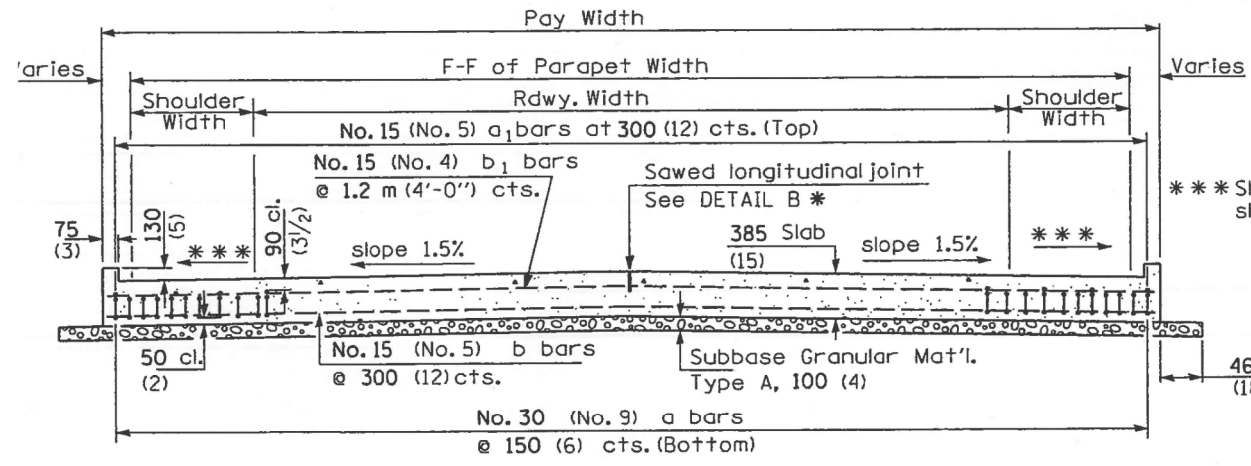
FILE NAME = cover sheet_line dia..dgn Default	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DITCH DETAIL STA. 56 + 80 TO STA 63 + 00</b>				F.A.P. RTE. 574	SECTION 14RS-4,(15,16)RS-3	COUNTY KNOX	TOTAL SHEETS 44	SHEET NO. 27
	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68465	
	PLOT DATE = 12/7/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



**PREFORMED JOINT SEAL**

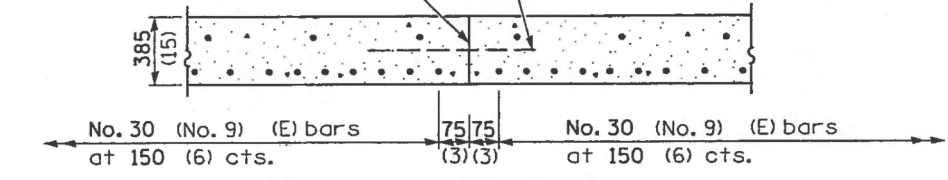


**SECTION C-C**  
 ① Stagger No. 30 (No. 9) a bars as shown on plan - full width



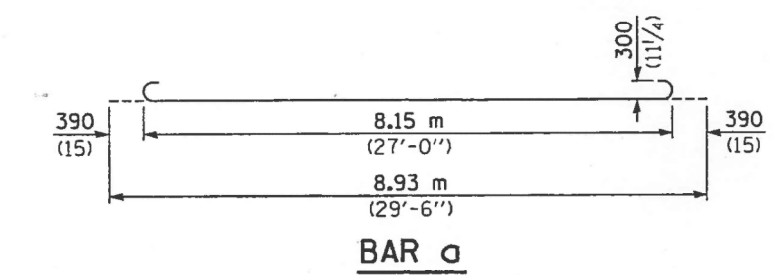
**SECTION D-D**  
 (See Plan for Dimensions not shown)  
 All reinforcement bars shall be epoxy coated.

Longitudinal Construction Joint in accordance with details shown on Standard 420001.

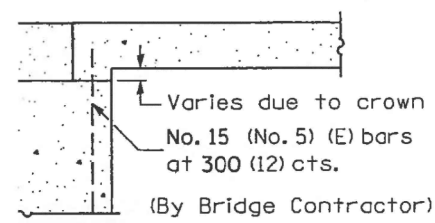


**OPTIONAL LONGITUDINAL CONSTRUCTION JOINT**

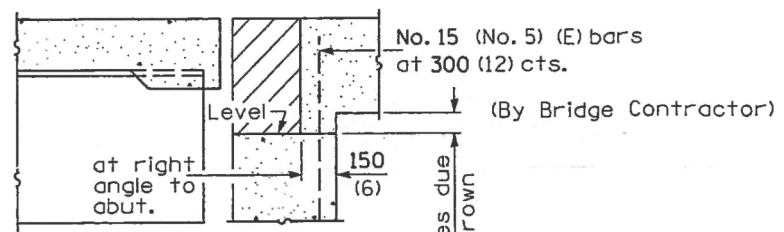
As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



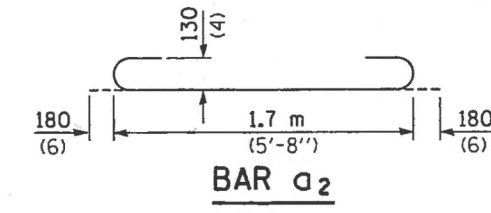
**BAR a**



**SECTION E-E**  
 (Jointed Abutments)



**SECTION E-E**  
 (Jointed Abutments)

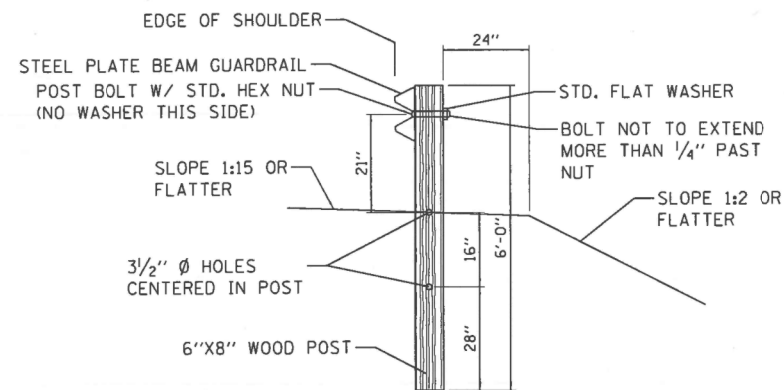


**BAR a2**

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

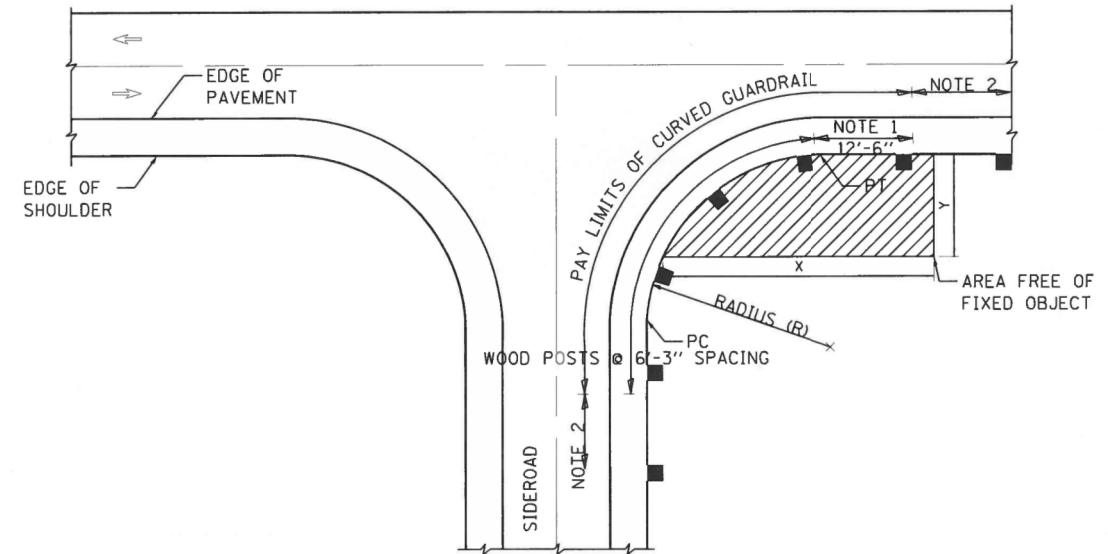
**DESIGN STRESSES**  
 $f_y = 400 \text{ MPa (60,000 p.s.i.)}$   
 $f'_c = 24 \text{ MPa (3,500 p.s.i.)}$   
 $\phi = 0.9$

FILE NAME = cover sheet_line dia...dgn	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BRIDGE APPROACH PAVEMENT DETAIL (FOR INFORMATION ONLY)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -			574	14RS-4,(15,16)RS-3	KNOX	44	28	
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -			CONTRACT NO. 68465					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



**SECTION**

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
8'-6"	5 (NOTE 3)	25'	15'
17'-0"	6	30'	15'
21'-0"	7	35'	17.5'
25'-6"	8	40'	20'
35'-0"	11	50'	20'



- NOTES:
1. CONSTRUCT ACCORDING TO STANDARD 631011 FOR TRAFFIC BARRIER TERMINAL TYPE 2, EXCEPT DELETE END SECTION AND SPLICE INTO RADIUS GUARDRAIL.
  2. STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
  3. FOR THE 8'-6" RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.

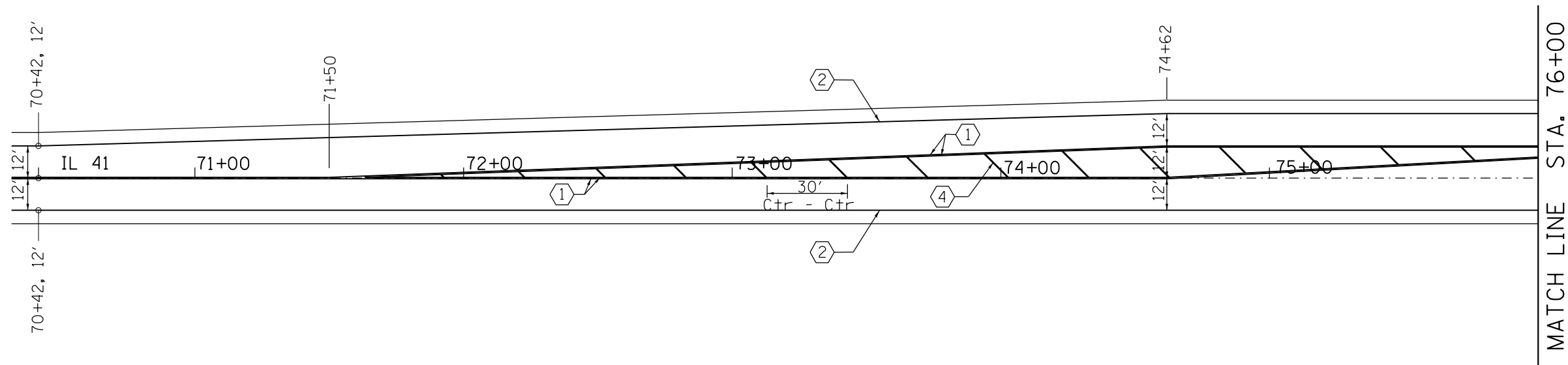
FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	29
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

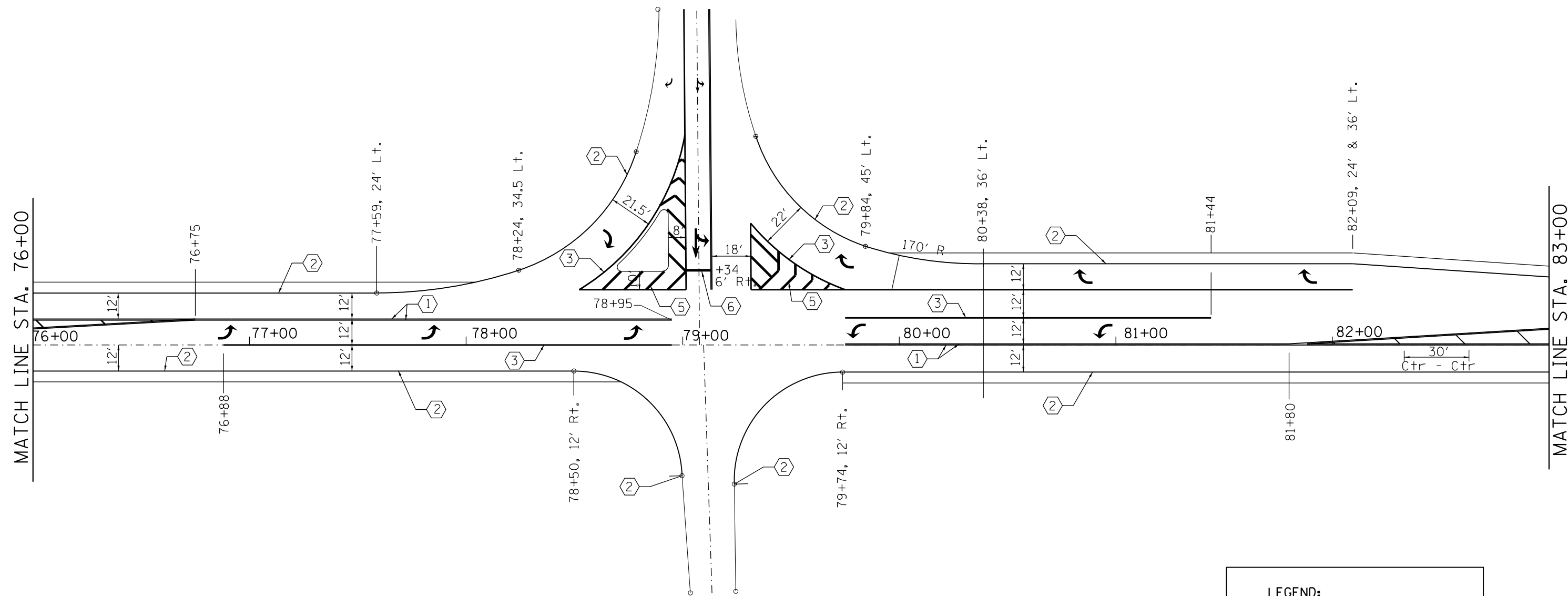
FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	30
ILLINOIS FED. AID PROJECT				CONTRACT NO. 68465



**LEGEND:**

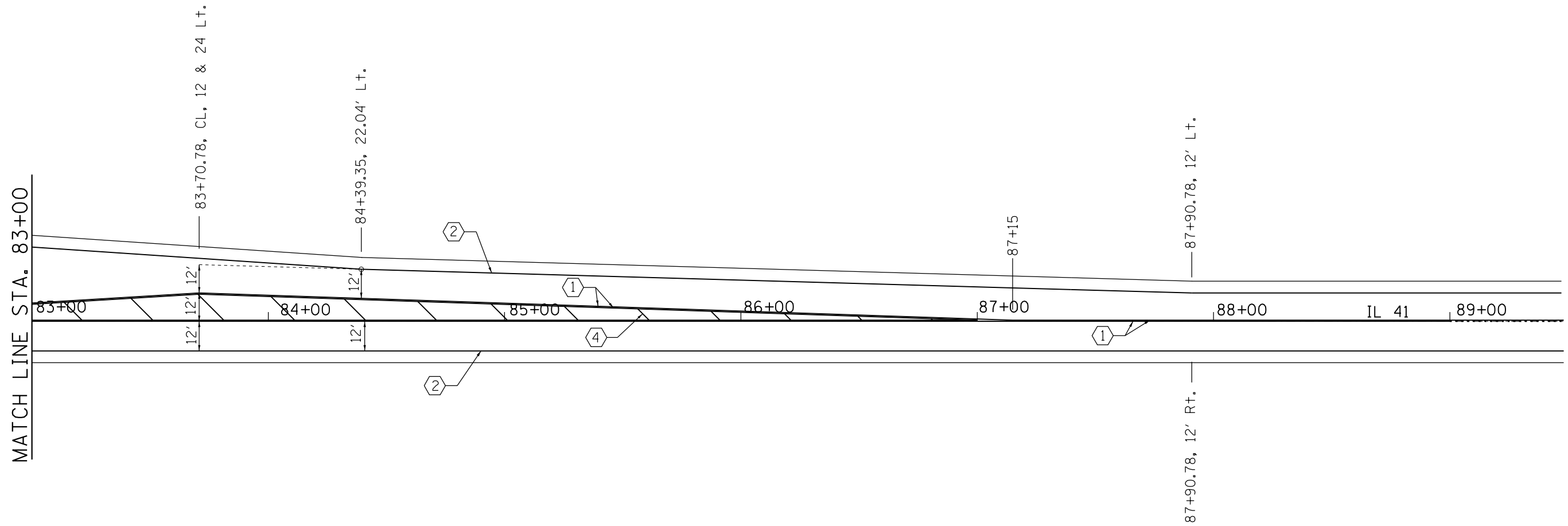
①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKINGS DETAIL</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	31
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

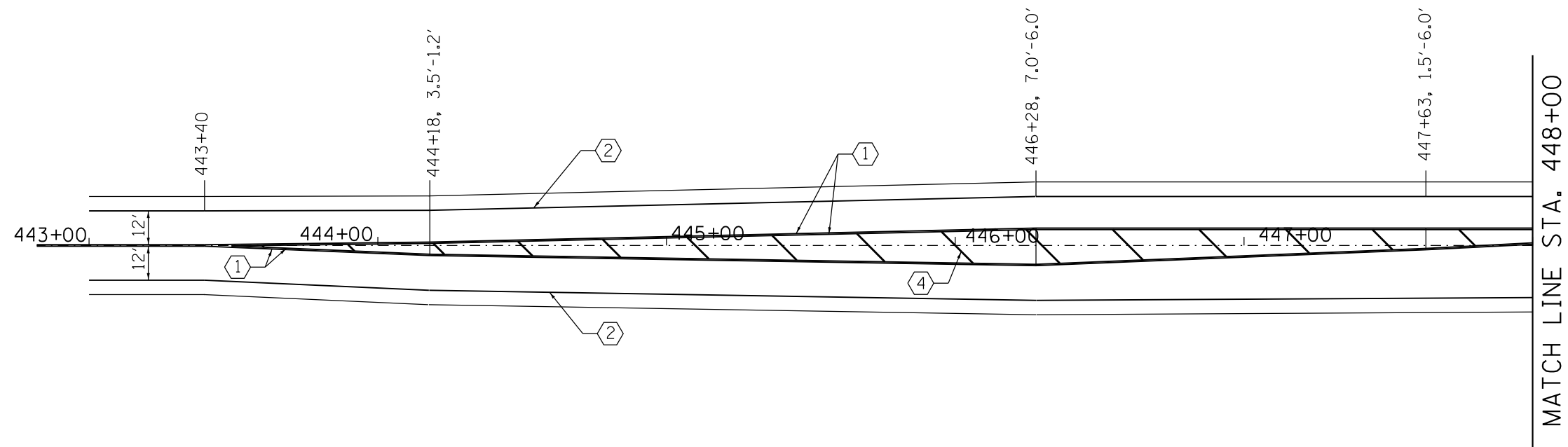
FILE NAME = cover sheet_line dia.dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKINGS DETAIL</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	32
				CONTRACT NO. 68465
ILLINOIS FED. AID PROJECT				





**LEGEND:**

①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

FILE NAME =  
cover sheet\_line dia..dgn  
Default

USER NAME = lababidism  
PLOT SCALE = 400.0000' / in.  
PLOT DATE = 12/7/2016

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

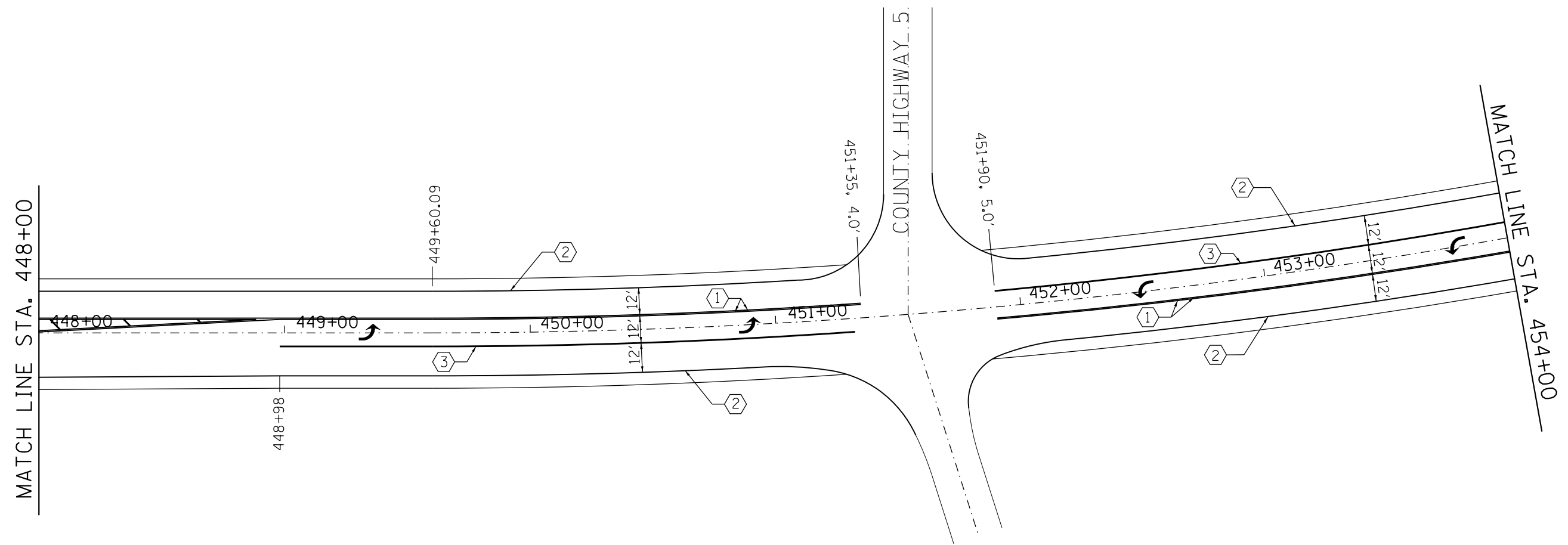
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS DETAIL**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	33
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

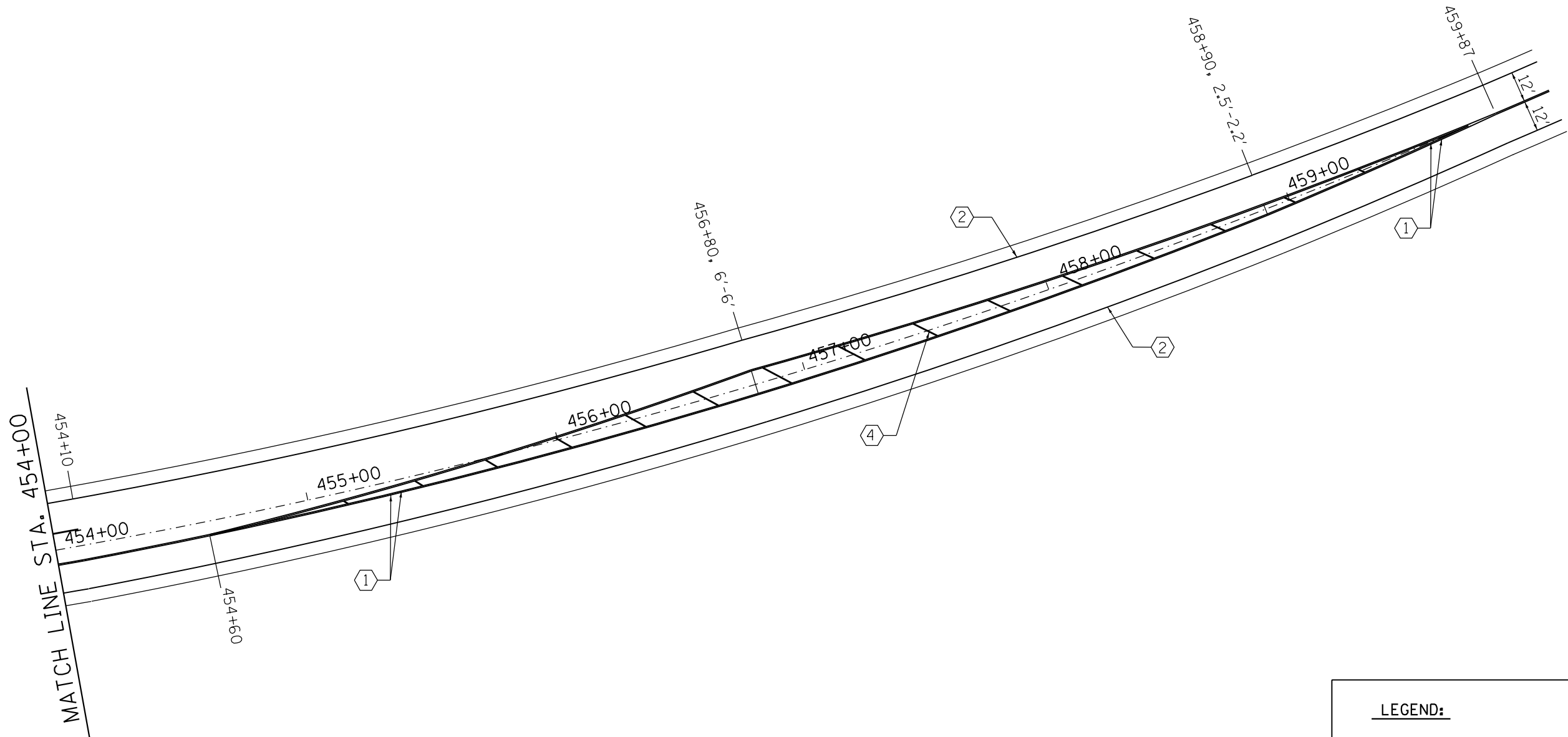
①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKINGS DETAIL</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	34
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

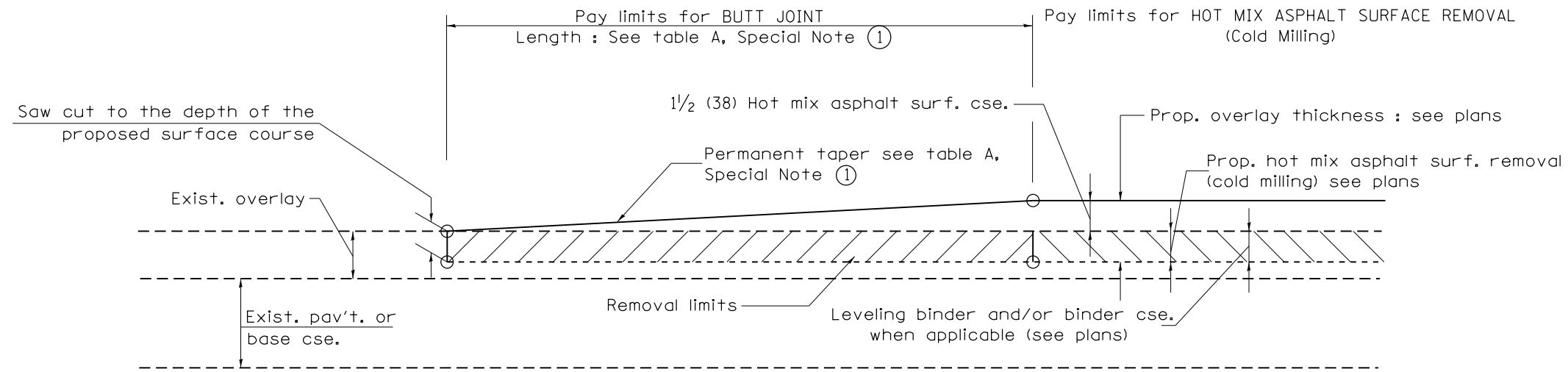
①	4" YELLOW LINE
②	4" WHITE LINE
③	8" WHITE LINE
④	12" YELLOW LINE
⑤	12" WHITE LINE
⑥	24" WHITE LINE

FILE NAME = cover sheet_line dia..dgn	USER NAME = lababidism	DESIGNED -	REVISED -
Default	PLOT SCALE = 400.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/7/2016	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	35
CONTRACT NO. 68465				
ILLINOIS FED. AID PROJECT				



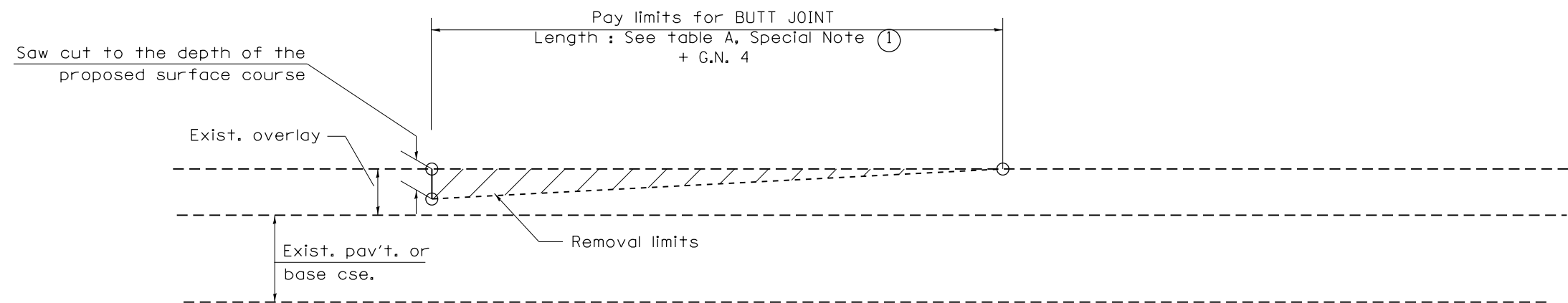
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
TAPER RATES**

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

**GENERAL NOTES**

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.

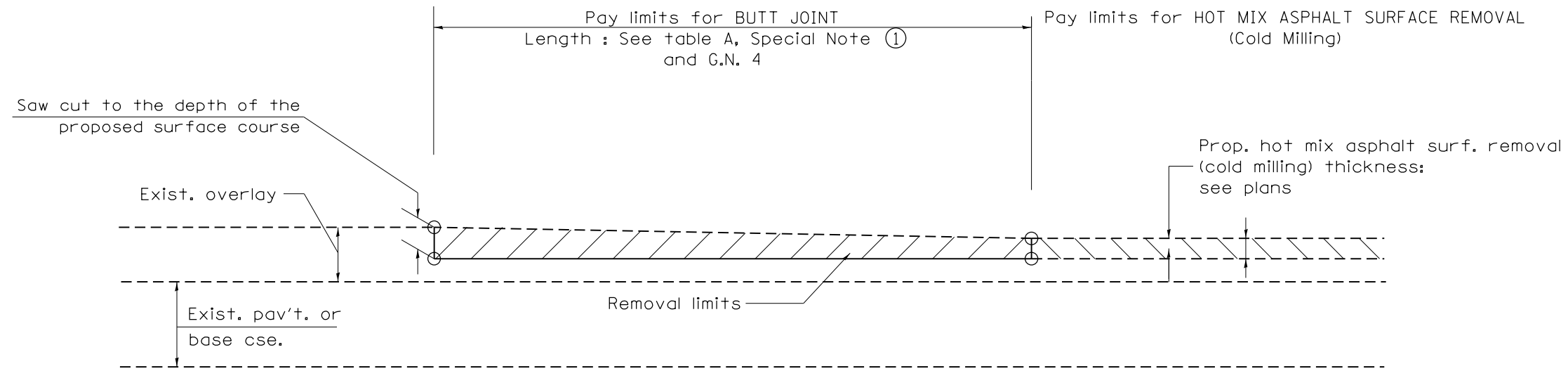


**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

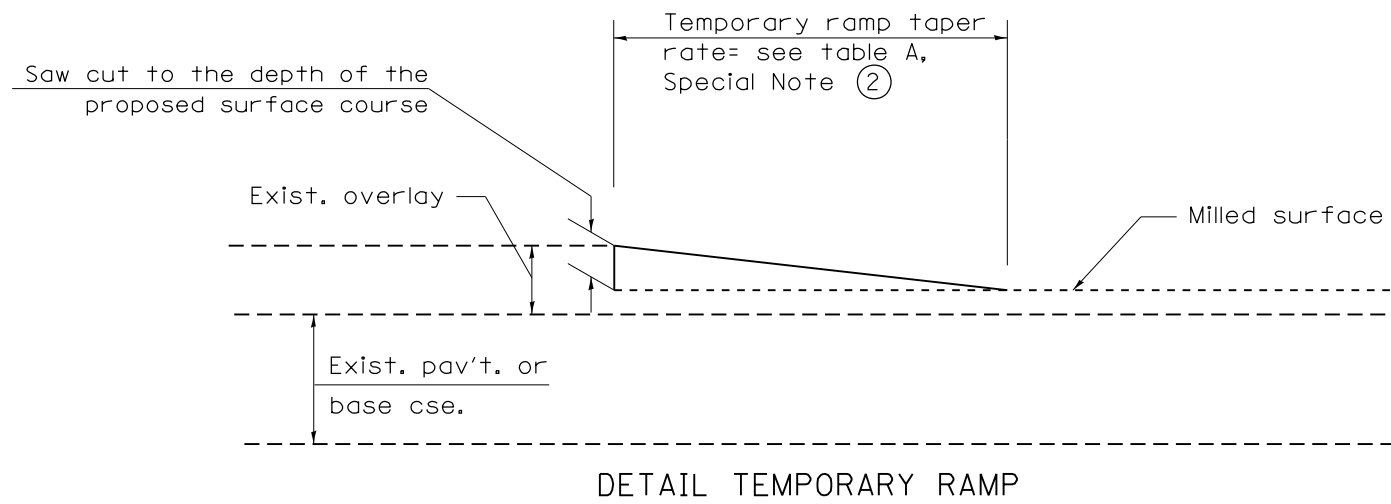
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT JOINTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.			574	14RS-4,(15,16)RS-3	KNOX	44	36
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.			SHT. 1 OF 3 CADD STD. 406101-D4				
10-16-06	REVISED TO 2007 SPEC.	M.A.						CONTRACT NO. 68465 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOT TO SCALE



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

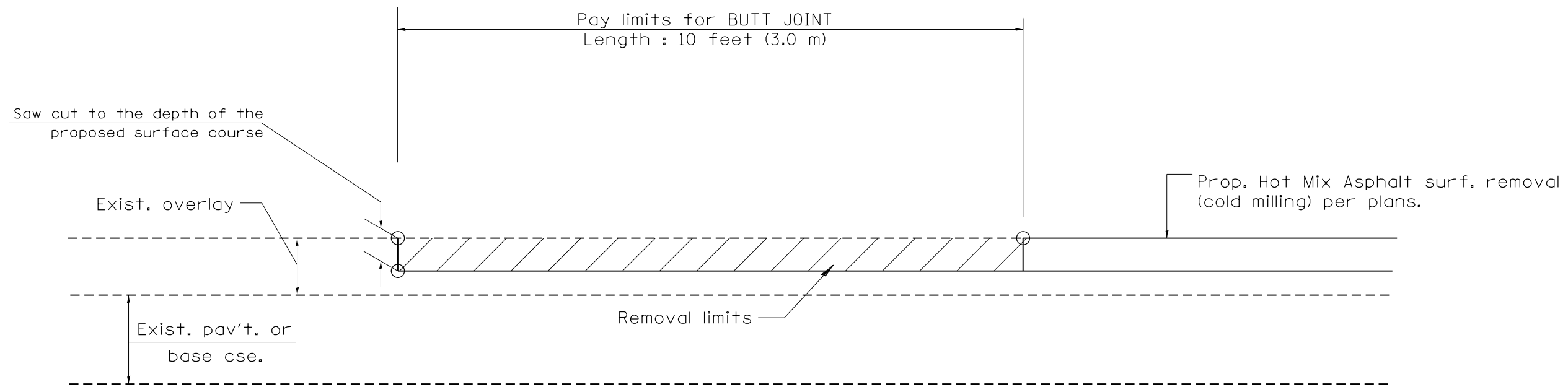


DETAIL TEMPORARY RAMP

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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	SHT. 2 OF 3 CADD STD. 406101-D4	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	574	14RS-4,(15,16)RS-3	KNOX
							CONTRACT NO. 68465				

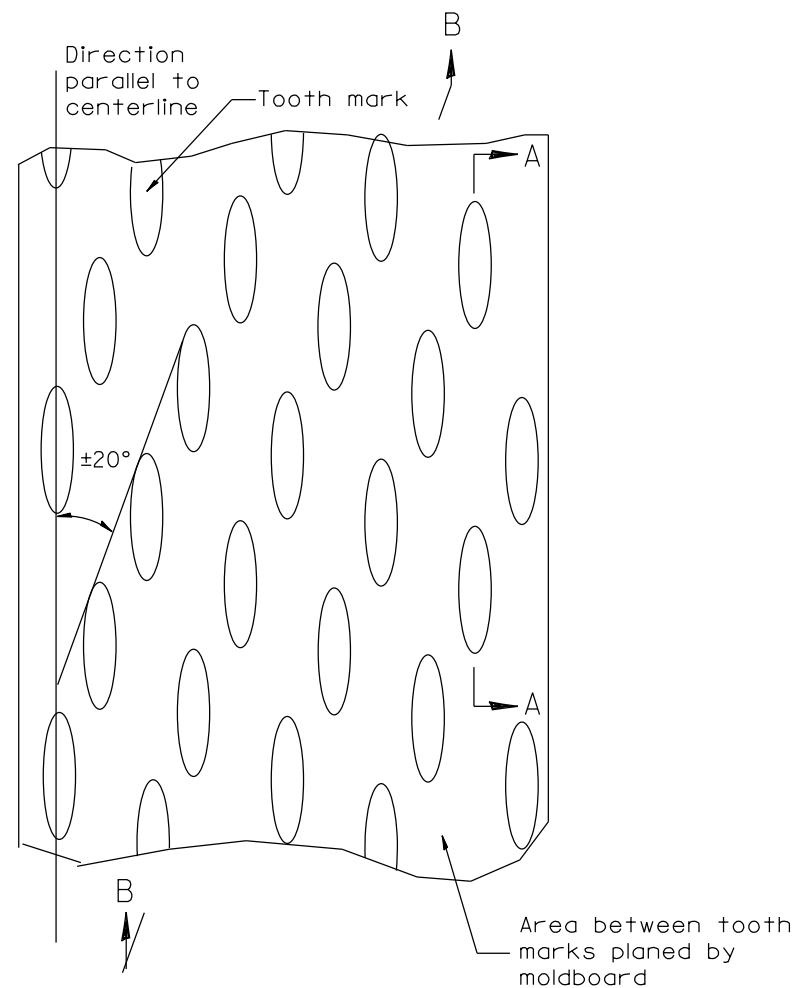
NOT TO SCALE



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

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

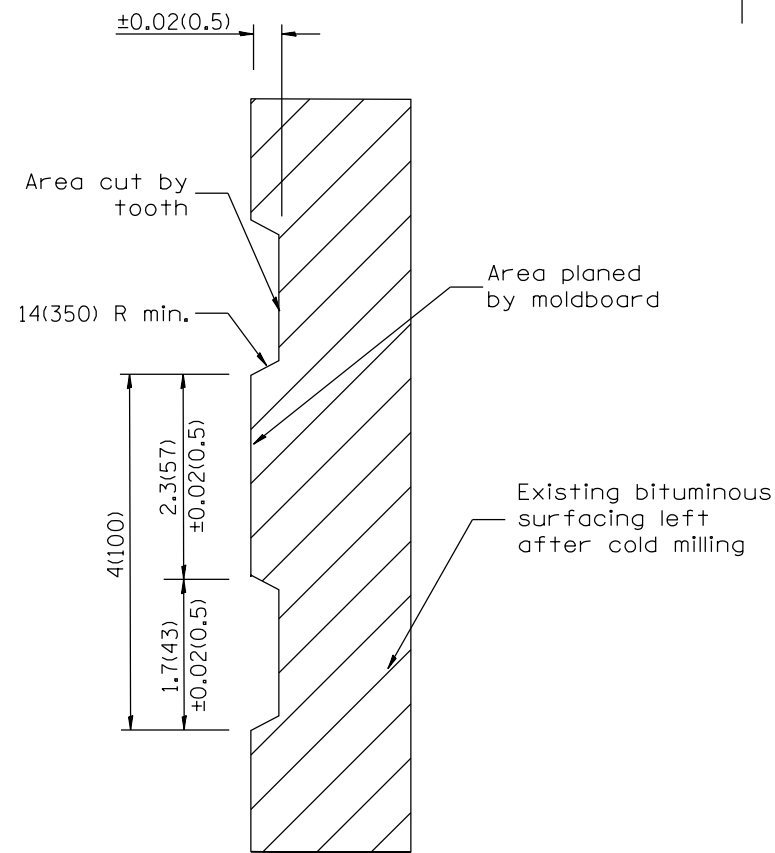
		<b>STATE OF ILLINOIS</b>		<b>BUTT JOINTS</b>			
		<b>DEPARTMENT OF TRANSPORTATION</b>					
				NOT TO SCALE	SHT. 3 OF 3		
					CADD STD. 406101-D4		
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
574	14RS-4,(15,16)RS-3	KNOX	44	38	CONTRACT NO. 68465		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					



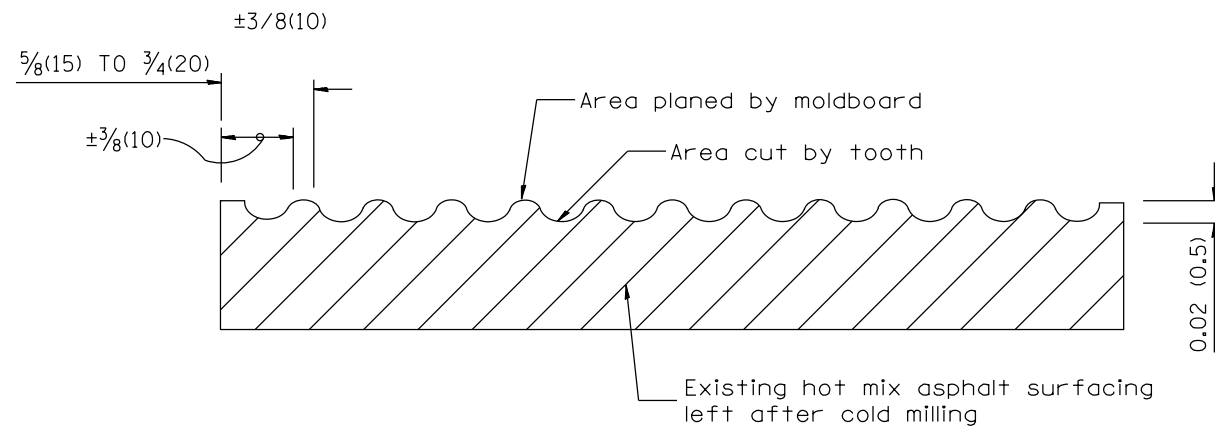
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:  
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

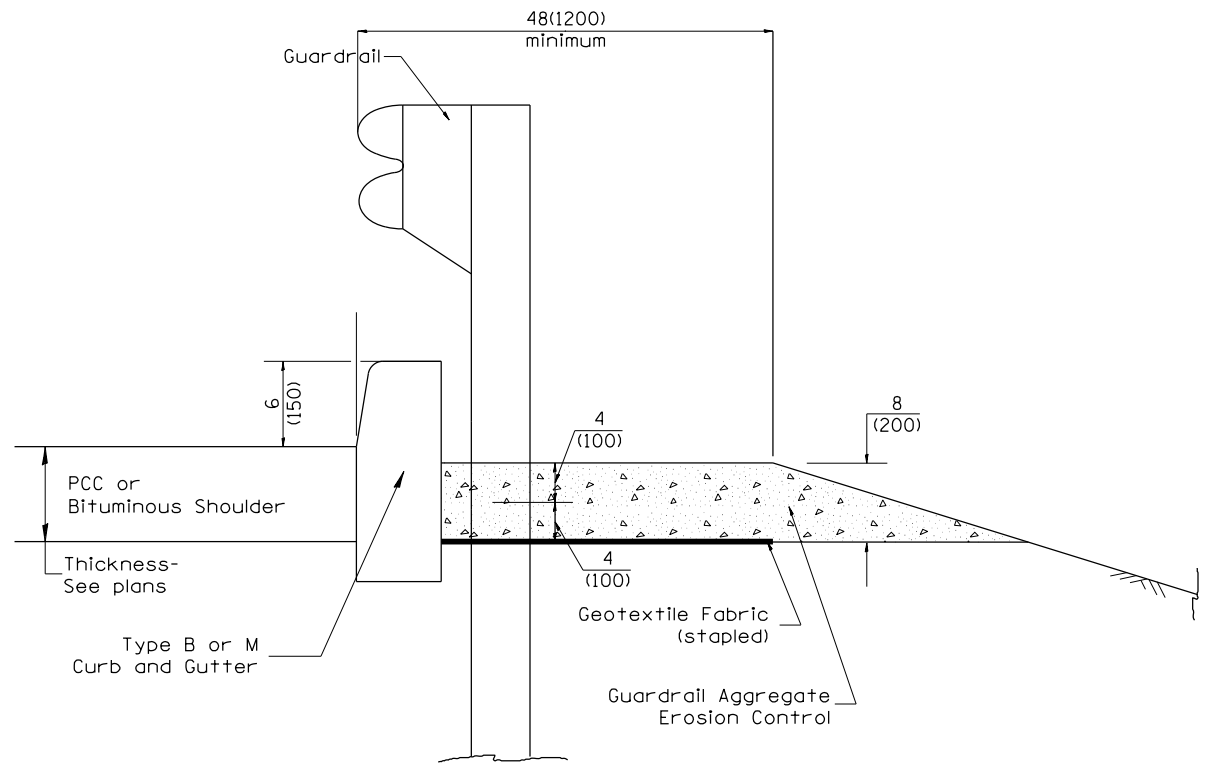
NOT TO SCALE

CADD STD. 440001-D4

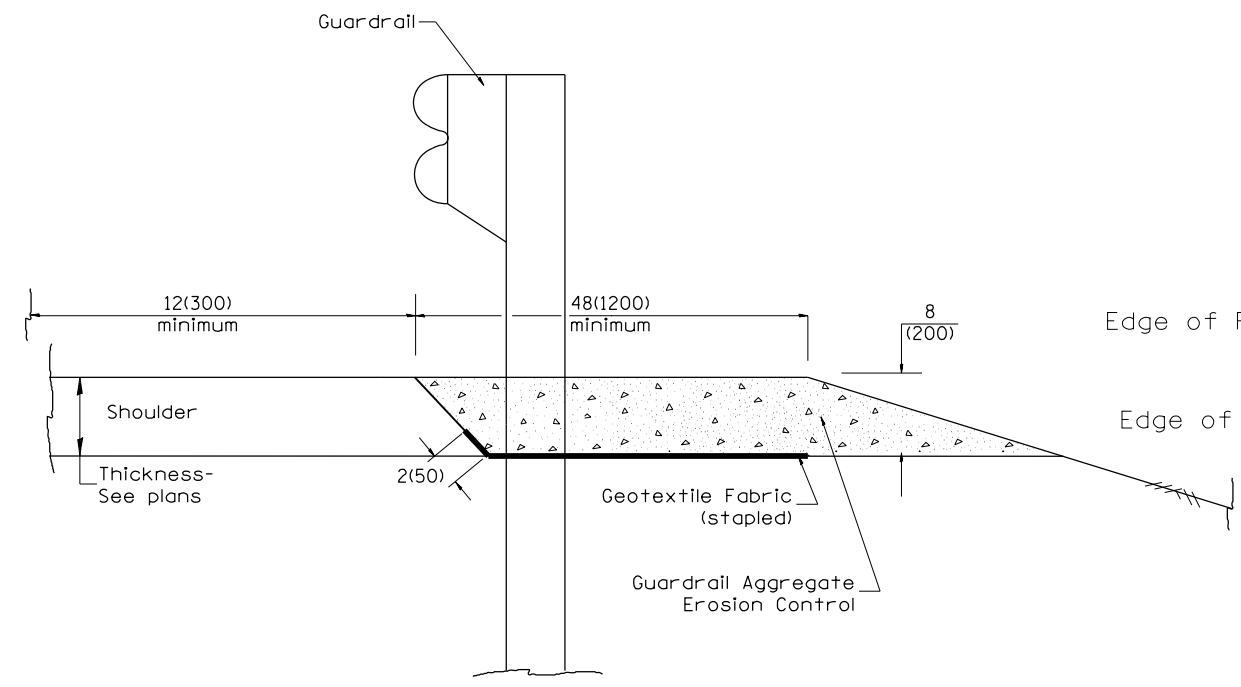
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	39
CONTRACT NO. 68465				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:

1. CONSIDER USING A "B" CURB PAY ITEM AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE EQUAL TO OR GREATER THAN 1/2" AND AT INLETS. (INCLUDE DISTRICT SPECIAL PROVISION)
2. USE "GUARDRAIL AGGREGATE EROSION CONTROL" AT GUARDRAIL INSTALLATIONS WHERE GRADES ARE LESS THAN 1/2" (INCLUDE DISTRICT SPECIAL PROVISION).
3. INCLUDE STATE STANDARD 610001, IF APPLICABLE.
4. INCLUDE THE FOLLOWING DISTRICT CADD STANDARDS AS NEEDED: SLOPE DRAINS FOR EXPOSED PIPES; SLOPE DRAINS FOR BURIED PIPES; SEEPAGE COLLARS FOR BURIED PIPES
5. SLOPE DRAINS FOR EXPOSED PIPES; CONCRETE THRUST BLOCKS AND PIPE ELBOW.
6. INCLUDE DISTRICT SPECIAL PROVISION - "AGGREGATE QUALITY" FOR PROJECTS LOCATED IN THE WESTERN AREA OF THE DISTRICT - APPROX. DIVIDING LINE IS IL 97.
7. DELETE DESIGNER NOTES WHEN INSERTING INTO PLAN FILES.
8. OPERATIONS PREFERS USE OF PIPE OUTLETTING ONTO FORESLOPE WITH RIPRAP. USE NON-METALLIC PIPE WHEN POSSIBLE BECAUSE OF FUTURE CORROSION ISSUES.



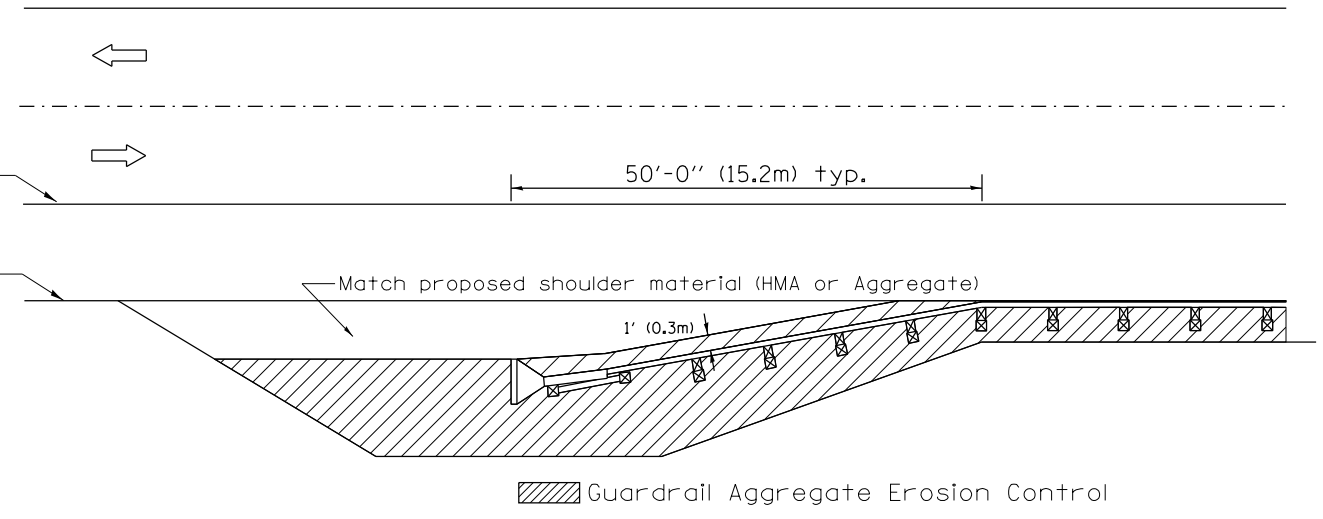
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

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

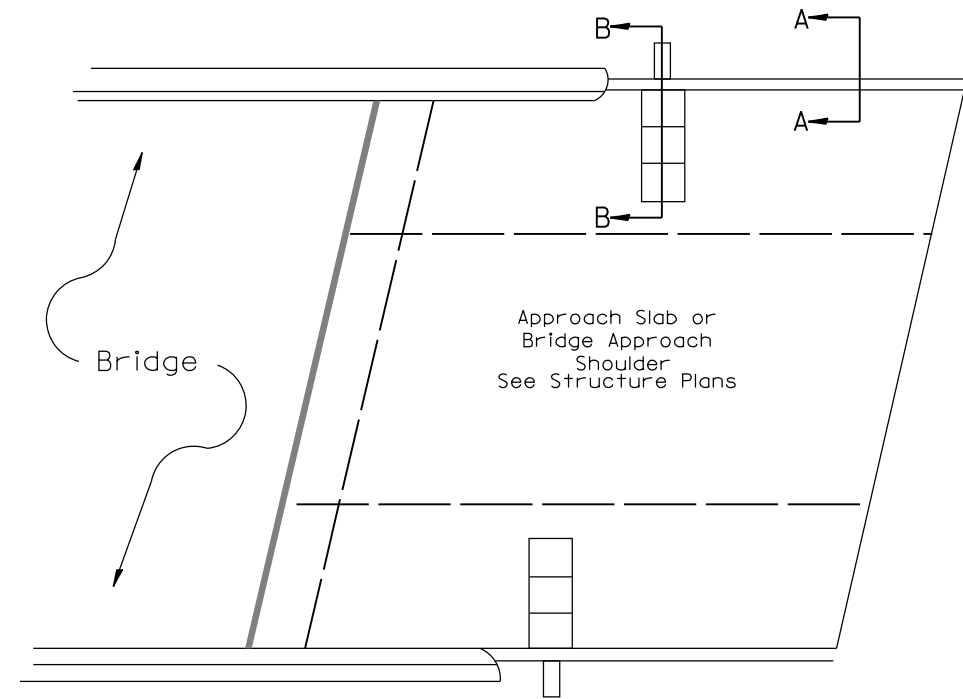
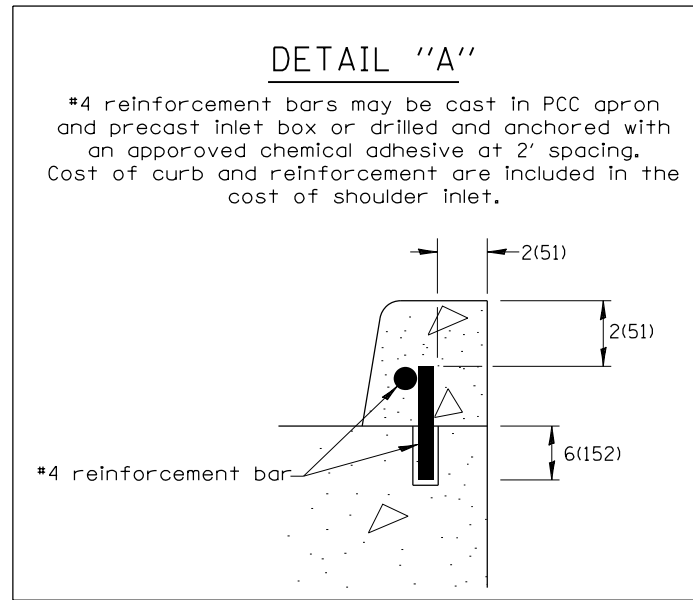


All dimensions are in inches (millimeters) unless otherwise noted.

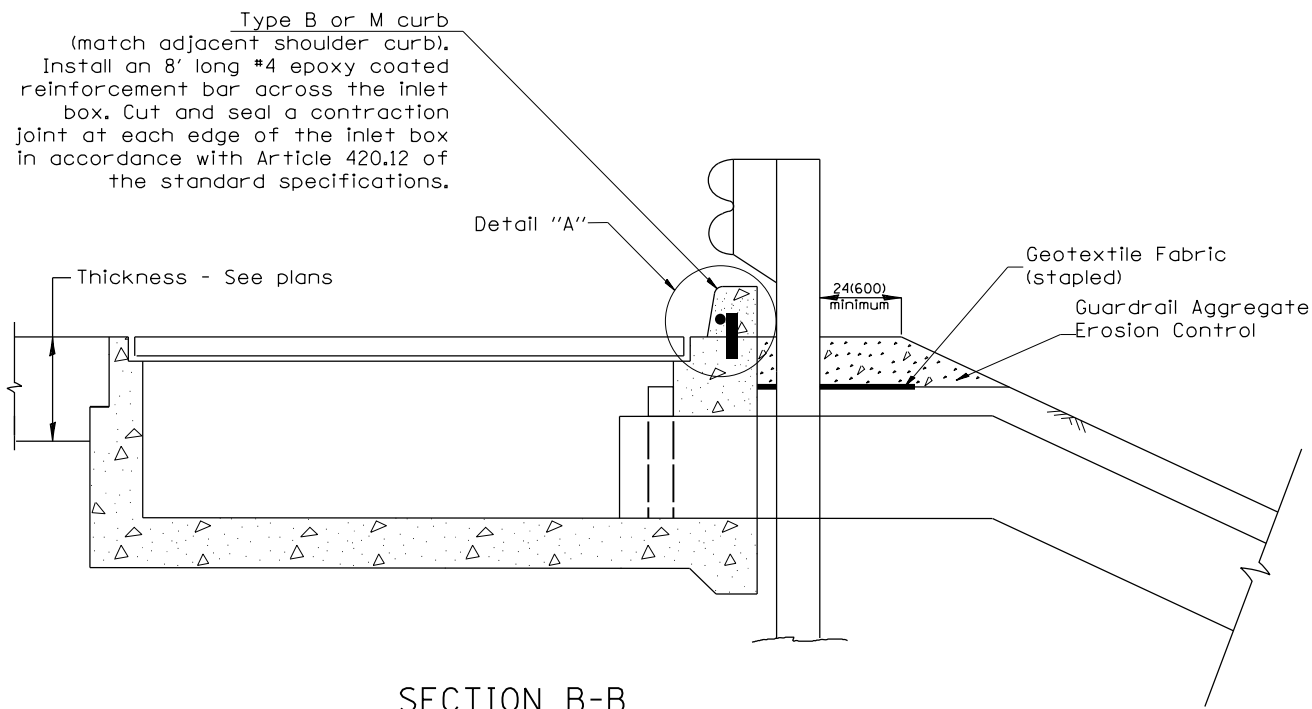
01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.	3-7-11	Added Detail showing plan view	R.D.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.	8-10-12	Revised curb "B" and aggregate	R.D.
11-03-00	CORRECTION TO NOTES	M.A.	7-15-15	Addressed shoulder inlet curb	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.			

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		574	14RS-4,(15,16)RS-3	KNOX	44	40
NOT TO SCALE		SHT. 1 OF 2 CADD STD. 630101-D4		CONTRACT NO. 68465		
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

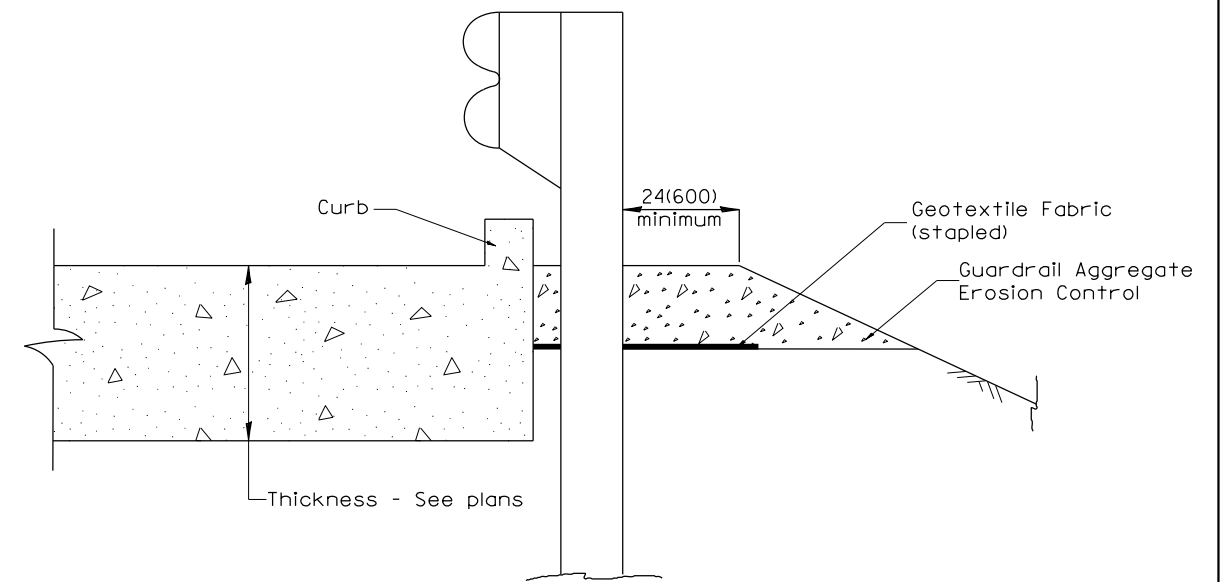




**PLAN VIEW**  
**APPROACH SLAB OR SHOULDER PLACEMENT**



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



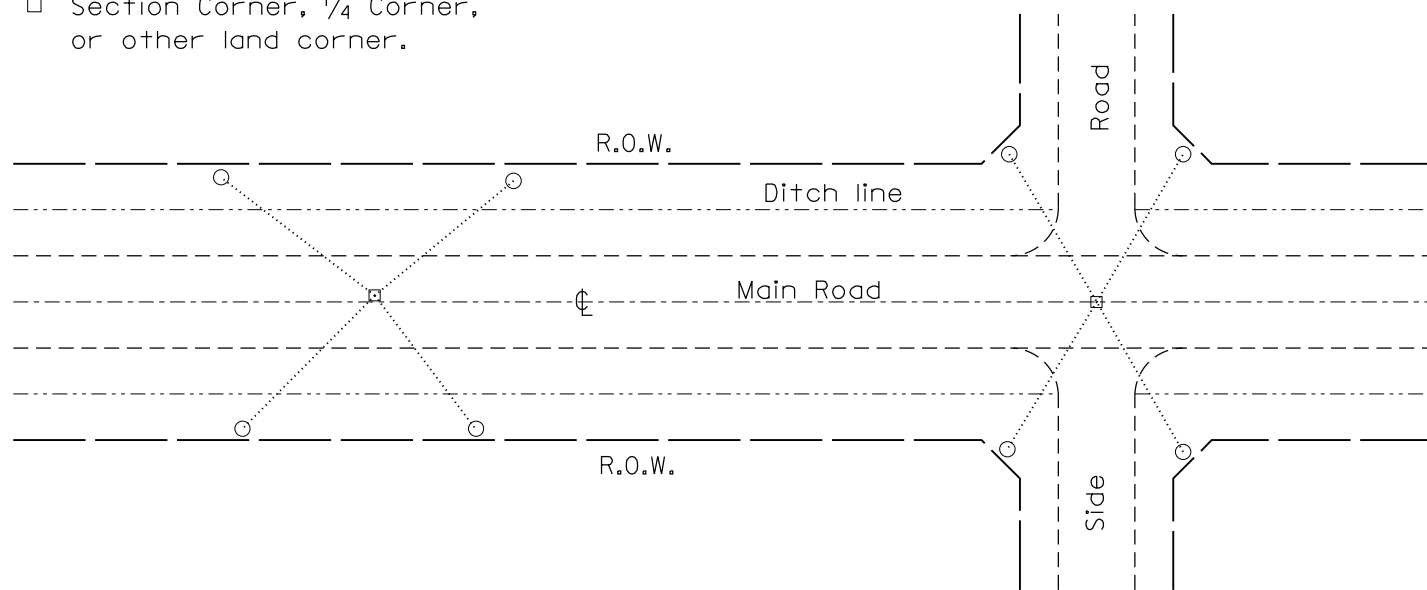
**SECTION A-A**  
**TYPICAL SECTION WITH BRIDGE APPROACH CURB**

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

FILE NAME =	USER NAME = lababidism	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cover sheet_line dia..dgn		DRAWN -	REVISED -			574	14RS-4,(15,16)RS-3	KNOX	44	41	
Default	PLOT SCALE = 400.0000' / in.	CHECKED -	REVISED -			SHT. 2 OF 2 CONTRACT NO. 68465					
	PLOT DATE = 12/7/2016	DATE -	REVISED -			NOT TO SCALE	SHEET OF SHEETS	STA.	CADD STD. 630101-D4	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

**PERMANENT SURVEY TIES**

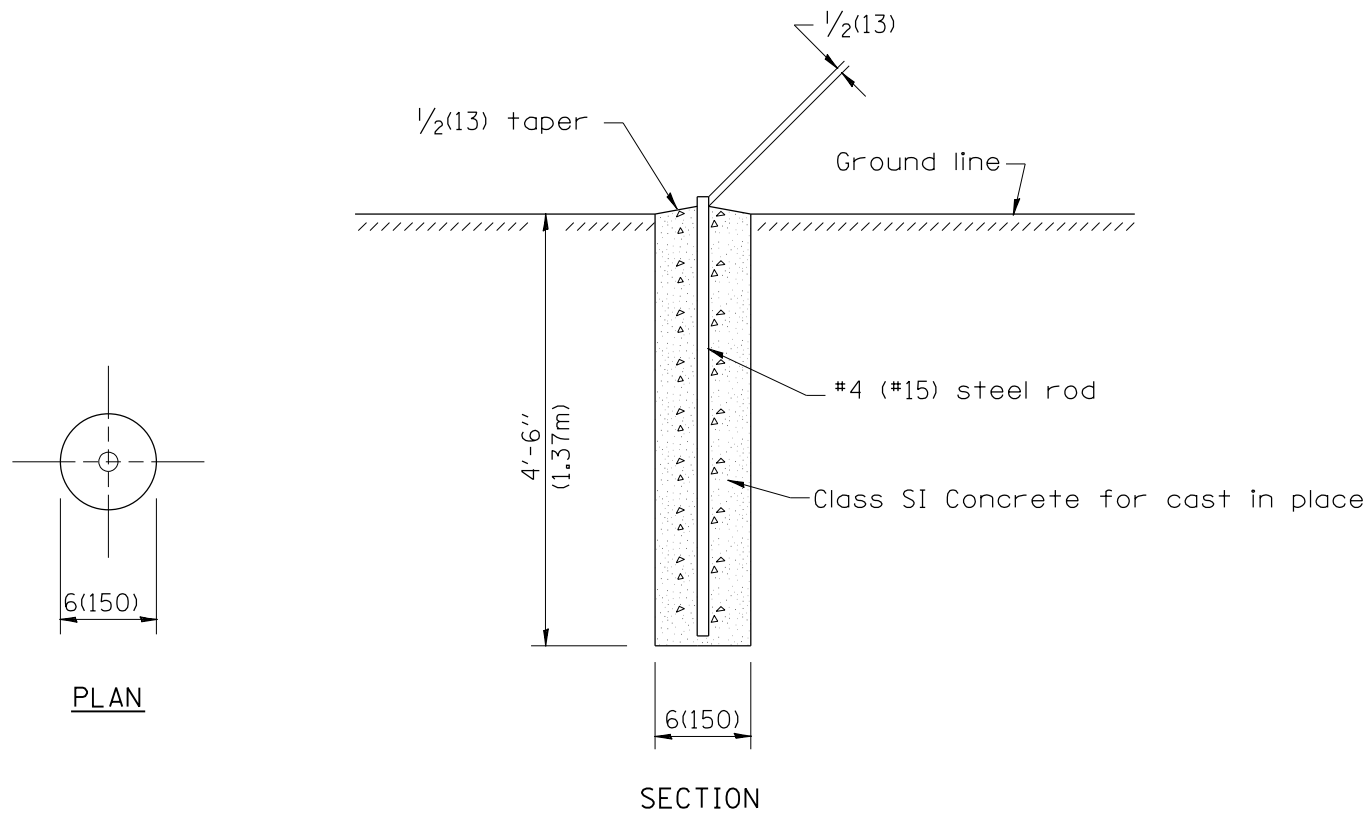
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



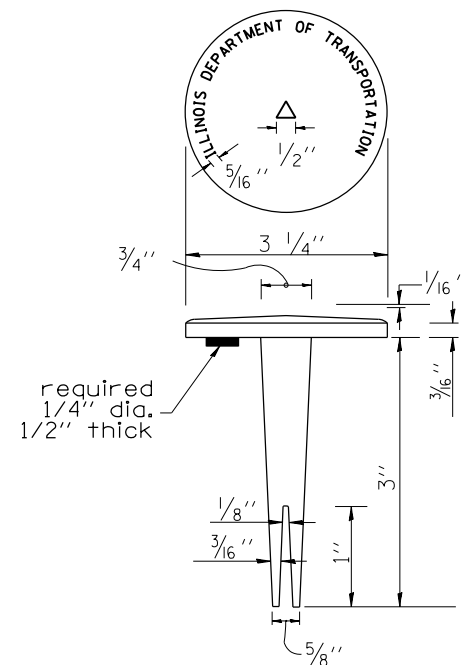
**TYPICAL APPLICATION**

**GENERAL NOTES**

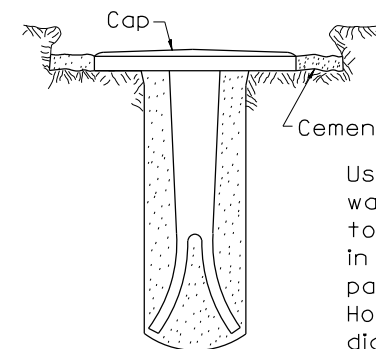
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



**PERMANENT SURVEY MARKERS**

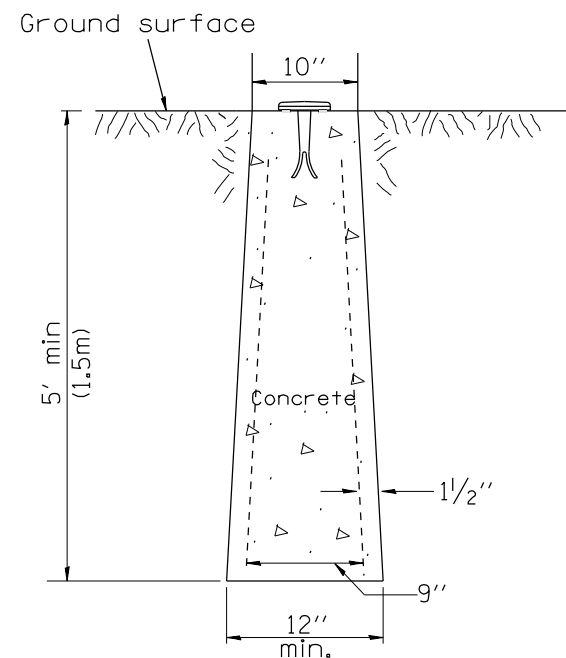


**BRASS TABLET**



Tablet constructed in rock ledge or concrete.

**TYPE I**



**TYPE II  
CAST-IN-PLACE MARKER**

**GENERAL NOTES**

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.

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

DESIGNER NOTES:  
 1. ADD DISTRICT SPECIAL PROVISION IF PLACING A TYPE I MARKER ON A STRUCTURE.  
 2. MODIFIES STATE STD 667101. DON'T USE STATE STD IF USING CADD STANDARD  
 3. PERMANENT SURVEY MARKERS SHALL BE PLACED TO PERPETUATE THE SURVEY LINES OF DIVIDED HIGHWAYS AND THE CENTERLINE OF ALL OTHERS WHERE THESE LINES HAVE BEEN ESTABLISHED BY SURVEY.  
 4. PERMANENT SURVEY MARKERS SHALL BE PLACED AT ALL LAND SECTION CORNERS WITHIN THE STATE R.O.W. WHERE THE MONUMENTS HAVE BEEN FOUND OR RELOCATED BY SURVEY.

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.	08-21-13	CHANGED MIN. DIAMETER	R.D.
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.	08-25-15	REVISED MATERIAL	R.D.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

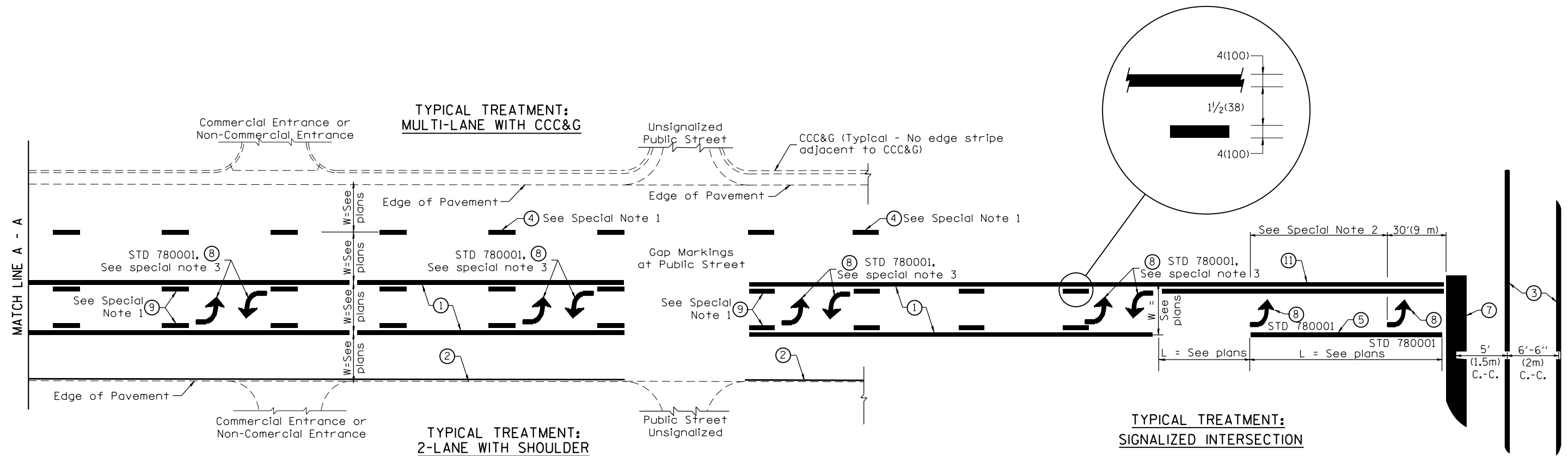
**PERMANENT SURVEY TIE &  
PERMANENT SURVEY MARKERS TY.I - TY.II**

NOT TO SCALE

CADD STD. 667101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	42
CONTRACT NO. 68465				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



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

**TYPICAL PAVEMENT MARKING LEGEND**

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

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

**SPECIAL NOTES**

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

**GENERAL NOTES**

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

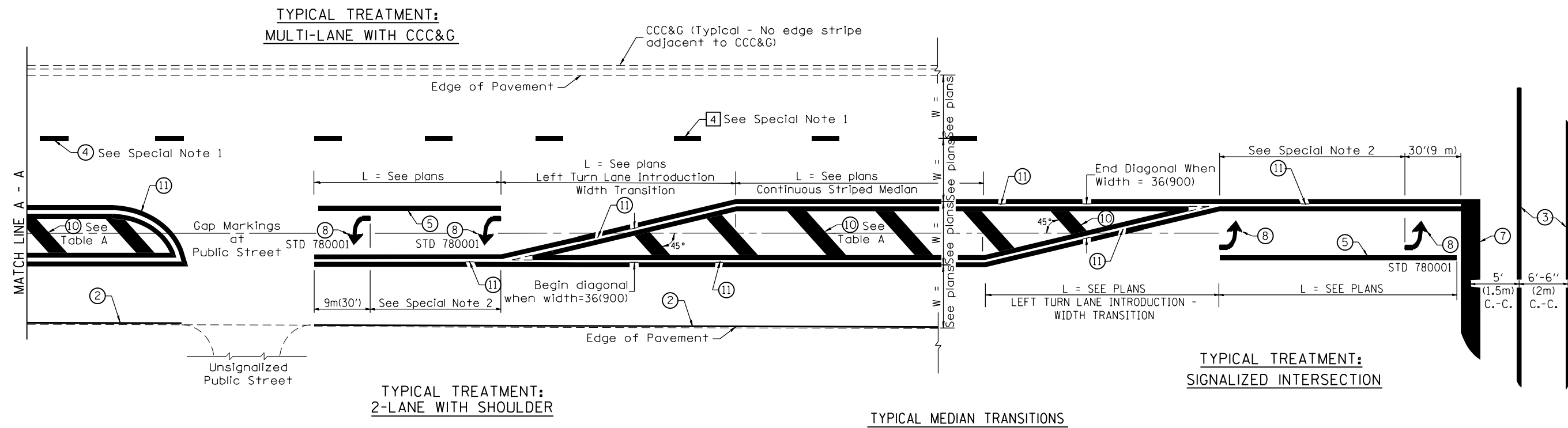
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**TYPICAL PAVEMENT MARKINGS**

SHT. 1 OF 2  
CADD STD. 780001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	14RS-4,(15,16)RS-3	KNOX	44	43
CONTRACT NO. 68465				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

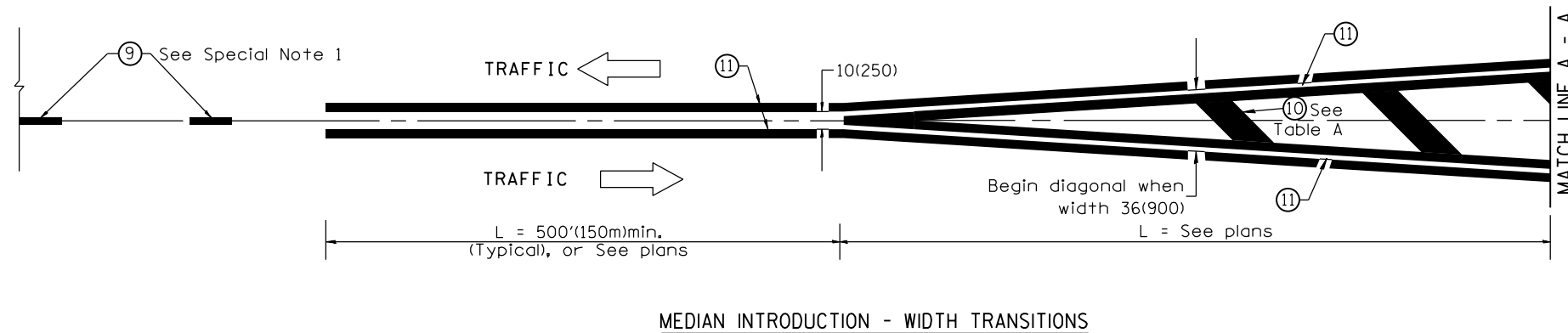


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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