

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	1
		ILLINOIS	CONTRACT NO. 68B65	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAU ROUTE 6791 (US 150)
SECTION 126RS-4
PROJECT ACF-6791(004)
3P PROJECT
KNOX COUNTY

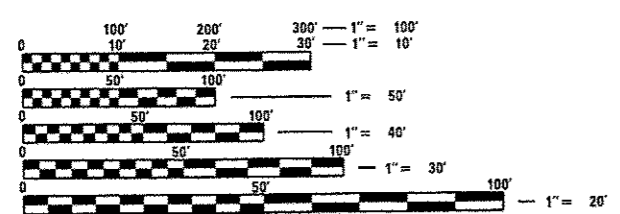
HIGHWAY STANDARDS:

424001-07	701101-04	701901-03
442101-07	701411-08	704001-07
631011-09	701423-07	780001-04
631026-05	701426-06	781001-03
631031-12	701456-03	886001-01
631032-08	701602-07	886006-01
631033-05	701701-09	
631046-04	701801-05	
635006-03		
635011-02		

TRAFFIC DATA:
ADT: 14,400 /2013
MU%: 2.52
SU%: 4.83

DESIGN DESIGNATION:

ROUTE TYPE: OTHER PRINCIPLE /MINOR ARTERIAL
TRUCK ROUTE: CLASS 2

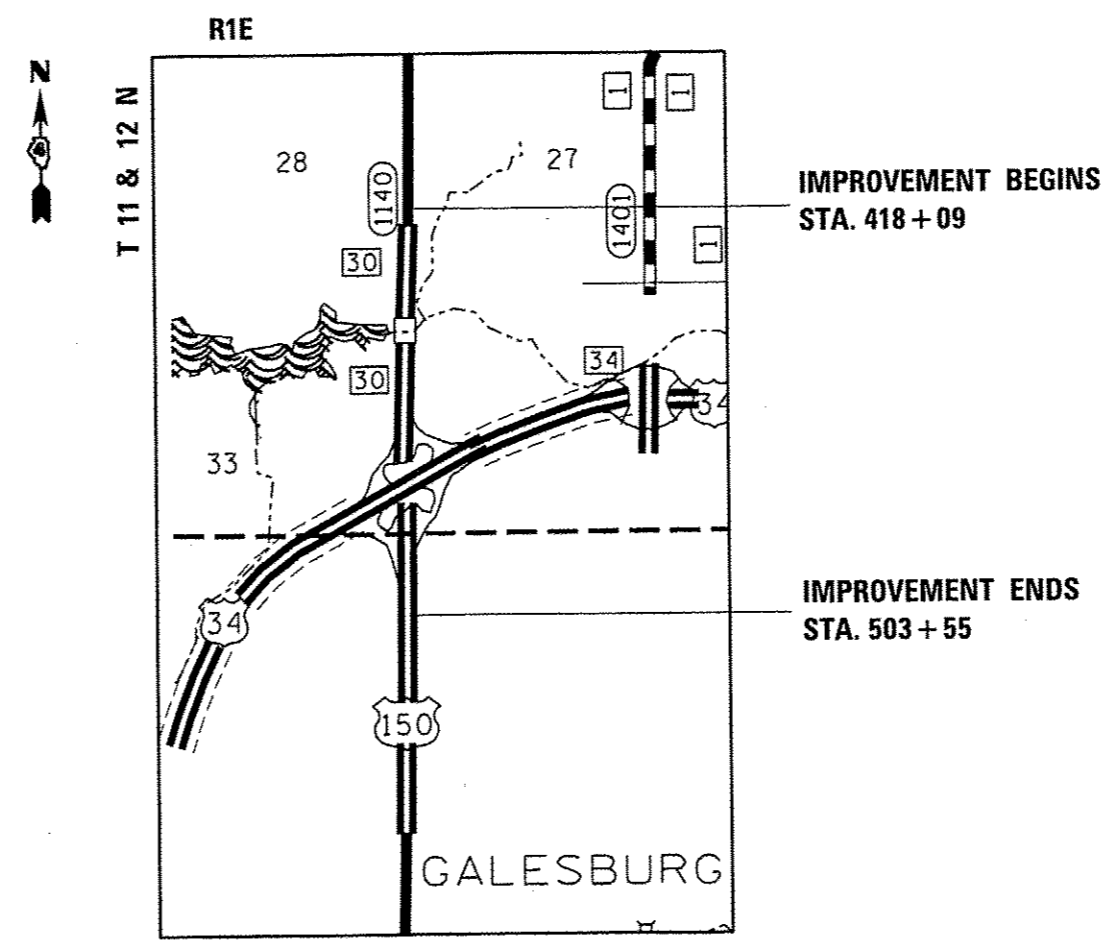


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ANNA BERGSIEKER (309) 671-3471
PROJECT MANAGER: RICH DOTSON (309) 671-3455
CATALOG NO. 035031-00D
CONTRACT NO. 68B65

C-94-022-14



DESCRIPTION OF WORK:

This job consists of patching, milling, and overlaying 1.6 miles of US Route 150 from Home Blvd. to 0.25 miles north of North Lake Storey Road in Galesburg. Also included is the removal and replacement of guardrail, bridge deck rehabilitation on Lake Storey Bridge (S.N. 048-0029), and interconnect installation.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 20 14

Joseph E. Crowley
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9 20 14
John D. Baranzelli, PE
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 14
Osman
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

GROSS LENGTH = 8,546 FT. = 1.619 MILE
NET LENGTH = 8,546 FT. = 1.619 MILE

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OF THE STATE OF ILLINOIS**

COMMITMENTS

No commitments

GENERAL NOTES

BRIDGE OVERLAY NOTIFICATION

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

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.

JOB SPECIFIC NOTE:

FIELD VERIFY EXISTING PAVEMENT MARKINGS AND RPM TYPES AND LOCATIONS PRIOR TO HMA SURFACE REMOVAL.

MINIMUM VERTICAL CLEARANCE

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

- SN 048-0022 : NB LN 14' 02"
SB LN 14' 04"
- SN 048-0021 : NB LN 14' 06"
SB LN 14' 08"

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.

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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface Course	Level Binder 3/4"	HMA Shoulder (Surface Lift)	Incidental Surface Course
AC/PG:	SBS or SBR 76-22	SBS or SBR 76-22	PG 64-22	PG 64-22
RAP% (Max): **	10%	10%	15%	15%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 4.75	IL 9.5	IL 9.5
Friction Aggregate:	Mixture E	N.A.	Mixture C	Mixture C
Quality Management Program:	QCP	QCP	QC/QA	QC/QA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20 URBAN	80/20 URBAN	80/20 URBAN
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	16.96	16.96		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	901	901		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1415	1415		
40600990	TEMPORARY RAMP	SQ YD	233	233		
40603560	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "E", N50	TON	4647	4647		
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	58	58		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	84.5	84.5		
42400800	DETECTABLE WARNINGS	SQ FT	20	20		
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	2411	2411		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	59642	59642		
44000600	SIDEWALK REMOVAL	SQ FT	84.5	84.5		
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	112	112		
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	16	16		
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	27	27		

14

FILE NAME : 0458665-shc-details.dgn	USER NAME : aubreyg	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 3
CONTRACT NO. 68865			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20	80/20	80/20
				URBAN	URBAN	URBAN
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	317	317		
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	32	32		
44201299	DOWEL BARS 1 1/2"	EACH	1060	1060		
44213100	PAVEMENT FABRIC	SQ YD	75	75		
44213200	SAW CUTS	FOOT	2196	2196		
44213204	TIE BARS 3/4"	EACH	20	20		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	161	161		
48203100	HOT - MIX ASPHALT SHOULDERS	TON	727	727		
50300225	CONCRETE STRUCTURES	CU YD	28.6		28.6	
50300260	BRIDGE DECK GROOVING	SQ YD	341		341	
50300300	PROTECTIVE COAT	SQ YD	341		341	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3220		3220	
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1600	1600		
* 63000007	STEEL PLATE BEAM GUARD RAIL, TYPE B, 6 FOOT POSTS	FOOT	12.5	12.5		

* SPECIALTY ITEM

FILE NAME : D468865-shr-details.dgn	USER NAME : eubroygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			6791	126RS-4	KNOX	76	4	
		CHECKED -	REVISED -			CONTRACT NO. 68865					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE * 100.0000 1/16"									
		PLOT DATE * 3/21/2014									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20 URBAN	80/20 URBAN	80/20 URBAN
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	11	11		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1		
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2	2		
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4		
* 63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	13	13		
63200310	GUARDRAIL REMOVAL	FOOT	3093	3093		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70100325	TRAFFIC CONTROL AND PROTECTION, STANDARD 701423	EACH	2	2		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9	9		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		

* SPECIALTY ITEM

FILE NAME : D:\68865-ht-detailed.dgn	USER NAME : kashbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			6791	126RS-4	KNOX	76	5	
		CHECKED -	REVISED -			CONTRACT NO. 68865					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE : 100.0000' / in.									
		PLOT DATE : 3/20/2014									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20	80/20	80/20
				URBAN	URBAN	URBAN
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	18	18		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2732	2732		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	546	546		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	34984	34984		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4426	4426		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	4651	4651		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	568	568		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	292	292		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	651	651		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	225	225		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	225	225		

FILE NAME =
0468865-ut-details.dgn

USER NAME = subraaga

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / 1" =

CHECKED -

REVISED -

PLOT DATE = 3/21/2014

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	6
			CONTRACT NO. 68865	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20	80/20	80/20
				URBAN	URBAN	URBAN
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	546	546		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	34984	34984		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	4426	4426		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	4651	4651		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	568	568		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	292	292		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	297	297		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	60	60		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	13	13		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	297	297		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3552			3552
* 87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4178			4178

* SPECIALTY ITEM

FILE NAME : D488865-shi-details.dgn	USER NAME : aubraya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			6791	126RS-4	KNOX	76	7	
		CHECKED -	REVISED -			CONTRACT NO. 68865					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE : 100.0000' / 1" =									
		PLOT DATE : 3/21/2014									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0004	0014	0021
				ROADWAY	STRUCTURE	ELECTRICAL
				80/20	80/20	80/20
				URBAN	URBAN	URBAN
* 87900200	DRILL EXISTING HANDHOLE	EACH	2			2
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2190			2190
* X0326851	ADJUST EXISTING DETECTOR LOOP RISER	EACH	11			11
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	756	756		
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	546	546		
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	34984	34984		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4426	4426		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4651	4651		
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	568	568		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	292	292		
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1		
Z0041895	POLYMER CONCRETE	CU FT	7.4	7.4		
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	620	620		
Z0004560	BRIDGE WEARING SURFACE REMOVAL	SQ YD	341		341	
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	341		341	
Z0006016	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 3/4 INCHES	SQ YD	341		341	

* SPECIALTY ITEM

FILE NAME : 0468889-ht-deta1.dgn	USER NAME : aubreyga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE : 100.0000 ' / in.	CHECKED -	REVISED -	6791			126RS-4	KNOX	76	8	
PLOT DATE : 3/21/2014	DATE -	REVISED -	CONTRACT NO. 68865							
ILLINOIS FED. AID PROJECT										

LOCATION	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL-BUTT JOINT	HMA SURF. REMOVAL 1 1/2"	HMA SURF. REMOVAL 3/4"	HMA SURF. REMOVAL, VAR. DEPTH	POLY. BIT. MATERIALS PRIME COAT	POLY. HMA LEVELING BINDER, IL 4.75, N50 (3/4")	POLY. HMA SURF. CSE, MIX "E" N50 (1.5")	MATERIAL TRANSFER DEVICE	AGGREGATE SHOULDERS, TYPE B	HMA SHOULDER	INCIDENTAL HMA	TEMPORARY RAMP
	FOOT	FOOT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON	TON	TON	SQ YD
NORTHBOUND															
STA. 418+09.0 to STA. 418+39.0	30.0	12.0	40	40				0.0	1.7	3.4	3.4	0.6			6.7
STA. 418+39.0 to STA. 421+00.0	261.0	12.0	348		348			0.1	14.6	29.2	29.2	5.0			
STA. 421+00.0 to STA. 426+00.0	500.0	VAR (12' to 24')	1024		1024			0.3	43.0	86.0	86.0	9.5			
STA. 426+00.0 to STA. 431+40.5	540.5	24.0	1441		1441			0.5	60.5	121.1	121.1	20.7			
STA. 431+40.5 to STA. 436+12.0	471.5	24.0	1257		1257			0.4	52.8	105.6	105.6	5.4			
LT Turn Ln onto N. Lake Storey Rd.	471.6	VAR (0' to 25.6')	625		625			0.2	26.2	52.5	52.5				
Treadwell Dr.	79.0	VAR (31' to 167')	501		361		140	0.1		42.1					17.2
STA. 436+12.0 to STA. 442+25.9	613.9	24.0	1637		1637			0.6	68.8	137.5	137.5	18.2			
STA. 442+20.9 to STA. 442+55.5	34.6	24.0	92				92	0.0	3.9	7.8	7.8				
STA. 442+55.5 to STA. 442+88.5	BRIDGE														
STA. 442+88.5 to STA. 443+23.4	34.9	24.0	93				93	0.0	3.9	7.8	7.8				
STA. 443+23.4 to STA. 450+29.8	706.3	24.0	1884		1884			0.6	79.1	158.2	158.2	8.5			
STA. 450+29.8 to STA. 455+86.2	556.4	VAR (25' to 39')	1997		1997			0.7	83.9	167.7	167.7	17.9			
S. Lake Storey Intersection	825.0	VAR	988		988			0.2		83.0	83.0				
STA. 455+86.2 to STA. 489+80.3	3394.1	24.0	9051		9051			2.0		760.3	760.3	3.4			
STA. 489+80.3 to STA. 493+39.0	358.7	VAR (24' to 32')	1061		1061			0.2		89.1	89.1				
Carl Sandberg Dr. Intersection and US 150 RT Turn Ln.			1395	235.6	1159			0.3		117.2	30.4				38.1
LT Turn Ln for Carl Sandberg Dr.	400.0	VAR (0' to 22.5')	640		640			0.1		53.7	53.7				
STA. 493+39.0 to STA. 499+00.0	561.0	24.0	1496		1496			0.3		125.7	125.7				
Small St. Intersection	48.5	VAR (45' to 177')	383	166.6	217			0.1		32.2					24.4
LT Turn Ln for Small St.	367.4	VAR (0' to 21')	527		527			0.1		44.3	44.3				
STA. 499+00.0 to STA. 503+25.0	425.0	24.0	1133		1133			0.3		95.2	95.2				
STA. 503+25.0 to STA. 503+55.0	30.0	24.4	81	81.3	81			0.0		6.8	6.8				13.6
SOUTHBOUND															
STA. 418+09.0 to STA. 418+39.0	30.0	13.6	45	45.3				0.0	1.9	3.8	3.8	0.6			7.6
STA. 418+39.0 to STA. 421+11.9	272.9	VAR (14' to 24')	697		697			0.2	29.3	58.6	58.6	5.2			
STA. 421+11.9 to STA. 431+30.1	1018.2	24.0	2715		2715			0.9	114.0	228.1	228.1	25.3			
N. Lake Storey Intersection	70.8	VAR (22' to 176')	464	90.6	373			0.2	19.5	38.9	38.9				12.2
STA. 431+30.1 to STA. 442+25.9	1095.8	24.0	2922		2922			1.0	122.7	245.5	245.5	15.7			
STA. 442+20.9 to STA. 442+55.5	34.6	24.0	92				92	0.0	3.9	7.8	7.8				
STA. 442+55.5 to STA. 442+88.5	BRIDGE														
STA. 442+88.5 to STA. 443+23.4	34.9	24.0	93				93	0.0	3.9	7.8	7.8				
LT Turn Ln onto Treadwell Dr.	395.5	VAR (0' to 26')	545		545			0.2	22.9	45.7	45.7				
STA. 443+23.4 to STA. 455+86.2	1262.8	VAR (24' to 25')	3438		3438			1.2	144.4	288.8	288.8	25.4			
STA. 455+86.2 to STA. 460+00.0	413.8	VAR (25' to 26')	1172		1172			0.3		98.5	98.5				
S. Lake Storey Intersection	83.5	VAR (44' to 186')	704	159.0	545			0.2		59.1					24.4
STA. 460+00.0 to STA. 475+00.0	1500.0	24.0	4000		4000			0.9		336.0	336.0				
STA. 475+00.0 to STA. 480+00.0	500.0	24.0	1333		1333			0.3		112.0	112.0				
STA. 480+00.0 to STA. 489+70.0	970.0	24.0	2587		2587			0.6		217.3	217.3				
STA. 489+70.0 to STA. 493+78.8	408.8	VAR (24' to 39')	1213		1213			0.3		101.9	101.9				
RT Turn Ln for Carl Sandberg Dr. and RT Turn Ln for Small St.	919.7	VAR (6' to 13')	1232		1232			0.3		103.5	103.5				
Carl Sandberg Dr. Intersection	109.0	VAR (72.5' to 196')	987	246.2	741			0.2		82.9					40.2
STA. 493+78.8 to STA. 501+83.4	804.6	24.0	2146		2146			0.5		180.2	180.2				
Small St. Intersection	45.4	VAR (49' to 111.5')	338	185.0	153			0.1		28.4					27.8
LT Turn Ln onto Small St.	246.0	VAR (0' to 22.5')	274		274			0.1		23.0	23.0				
STA. 501+83.4 to STA. 503+25.0	141.6	VAR (24' to 38')	498		498			0.1		41.9	41.9				
STA. 503+25.0 to STA. 503+55.0	30.0	38.0	127	126.7	127			0.0		10.6	10.6				21.1
HMA SHOULDERS*					6003	2411	245	1.9					727.4		
INCIDENTAL HMA**				38.5				0.2						58.1	
GRAND TOTAL				1415	59642	2411	756	17.0	901	4647	4315	161	727	58	233

* See HMA Shoulder Schedule for locations

** See Incidental Schedule for locations

FILE NAME = D468865-sht-details.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / 1".	CHECKED - DATE -	REVISED - REVISED -			6791	126RS-4	KNOX	76	10
PLOT DATE = 3/20/2014						CONTRACT NO. 68B65		ILLINOIS FED. AID PROJECT		

LOCATION		AREA	HMA SHOULDERS	HMA SURFACE REMOVAL, VAR. DEPTH	HMA SURFACE REMOVAL, 1.5"	HMA SURFACE REMOVAL, 3/4"	POLY. BIT. MATERIALS PRIME COAT
		SQ YD	TONS	SQ YD	SQ YD	SQ YD	TONS
NORTHBOUND							
STA.	440+78.6 to STA. 442+25.9	132.85	11.2			132.85	0.03
STA.	442+20.9 to STA. 442+55.9	56.34	4.7	56.3			0.01
STA.	442+88.5 to STA. 443+23.4	54.18	4.6	54.2			0.01
STA.	443+23.4 to STA. 446+27.7	308.30	25.9			308.30	0.07
STA.	447+26.0 to STA. 450+38.8	291.98	24.5			291.98	0.07
STA.	457+67.7 to STA. 466+29.6	774.00	65.0		774.00		0.17
STA.	466+94.7 to STA. 470+34.9	399.50	33.6		399.50		0.09
STA.	471+67.1 to STA. 477+66.6	647.43	54.4		647.43		0.15
STA.	477+66.6 to STA. 487+02.0	970.04	81.5		970.04		0.22
STA.	488+38.4 to STA. 493+39.2	478.09	40.2		478.09		0.11
SOUTHBOUND							
STA.	428+26.3 to STA. 431+30.0	249.52	21.0			249.52	0.06
STA.	432+92.4 to STA. 435+76.2	275.24	23.1			275.24	0.06
STA.	439+43.7 to STA. 442+20.9	335.16	28.2			335.16	0.08
STA.	442+20.9 to STA. 442+55.5	63.77	5.4	63.8			0.01
STA.	442+88.5 to STA. 443+23.4	71.10	6.0	71.1			0.02
STA.	443+23.4 to STA. 445+17.3	265.23	22.3			265.23	0.06
STA.	450+72.8 to STA. 455+86.2	552.66	46.4			552.66	0.12
STA.	455+86.2 to STA. 457+06.3	144.07	12.1		144.07		0.03
STA.	458+77.2 to STA. 463+10.9	397.42	33.4		397.42		0.09
STA.	464+58.2 to STA. 479+45.4	1484.53	124.7		1484.53		0.33
STA.	481+25.0 to STA. 487+63.2	707.68	59.4		707.68		0.16
TOTAL**			727	245	6003	2411	1.9

**Quantities in this schedule are accounted for in the Paving Schedule.

LOCATION		LENGTH	WIDTH	AREA	INCIDENTAL HMA	POLY. BIT. MATERIALS PRIME COAT	HMA SURFACE REMOVAL, BUTT JOINT
		FOOT	FOOT	SQ YD	TONS	TONS	SQ YD
STA.	418+50.8 to STA. 418+90.8	VAR(34' to 40')	2	8.22	0.69	0.00	
STA.	424+35.5 to STA. 425+17.7	VAR(68' to 82.5')	24	196.31	16.49	0.04	
STA.	431+62.7 to STA. 432+30.8	VAR(34' to 68')	7.5	38.47	3.23	0.01	38.47
STA.	439+43.5 to STA. 439+92.0	VAR(23.5' to 48')	12	48.53	4.08	0.01	
STA.	439+45.0 to STA. 440+08.0	VAR(36' to 63.5')	26	132.53	11.13	0.03	
STA.	439+54.0 to STA. 440+10.0	VAR(37.5' to 57')	7	38.22	3.21	0.01	
STA.	454+17.0 to STA. 455+86.0	170	VAR(10' to 13')	229.32	19.26	0.05	
TOTAL**					58	0.2	38

**Quantities in this schedule are accounted for in the Paving Schedule.

SIDEWALK		
SIDEWALK REMOVAL	SQ FT	85
DETECTABLE WARNINGS	SQ FT	20
PCC SIDEWALK 4 INCH	SQ FT	84.5
SAW CUTS*	FT	12

* SEE PATCHING TABLE FOR ADDITIONAL SAW CUT QUANTITY

JOBSITE QUANTITIES		
ENGINEERS FIELD OFFICE, TYPE	CAL. MO.	5
MOBILIZATION	L. SUM	1
CONSTRUCTION STATION LAYOUT	L. SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EA.	9
TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L. SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L. SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L. SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L. SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701423	EA.	2
TEMPORARY CONCRETE BARRIER	FT	225
RELOCATE TEMPORARY CONCRETE BARRIER	FT	225
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EA.	2
IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EA.	2
TRAFFIC CONTROL SURVEILLANCE	CAL. DA.	18
CHANGEABLE MESSAGE SIGNS	CAL. MO.	3 SIGNS @ 3 MONTHS = 9

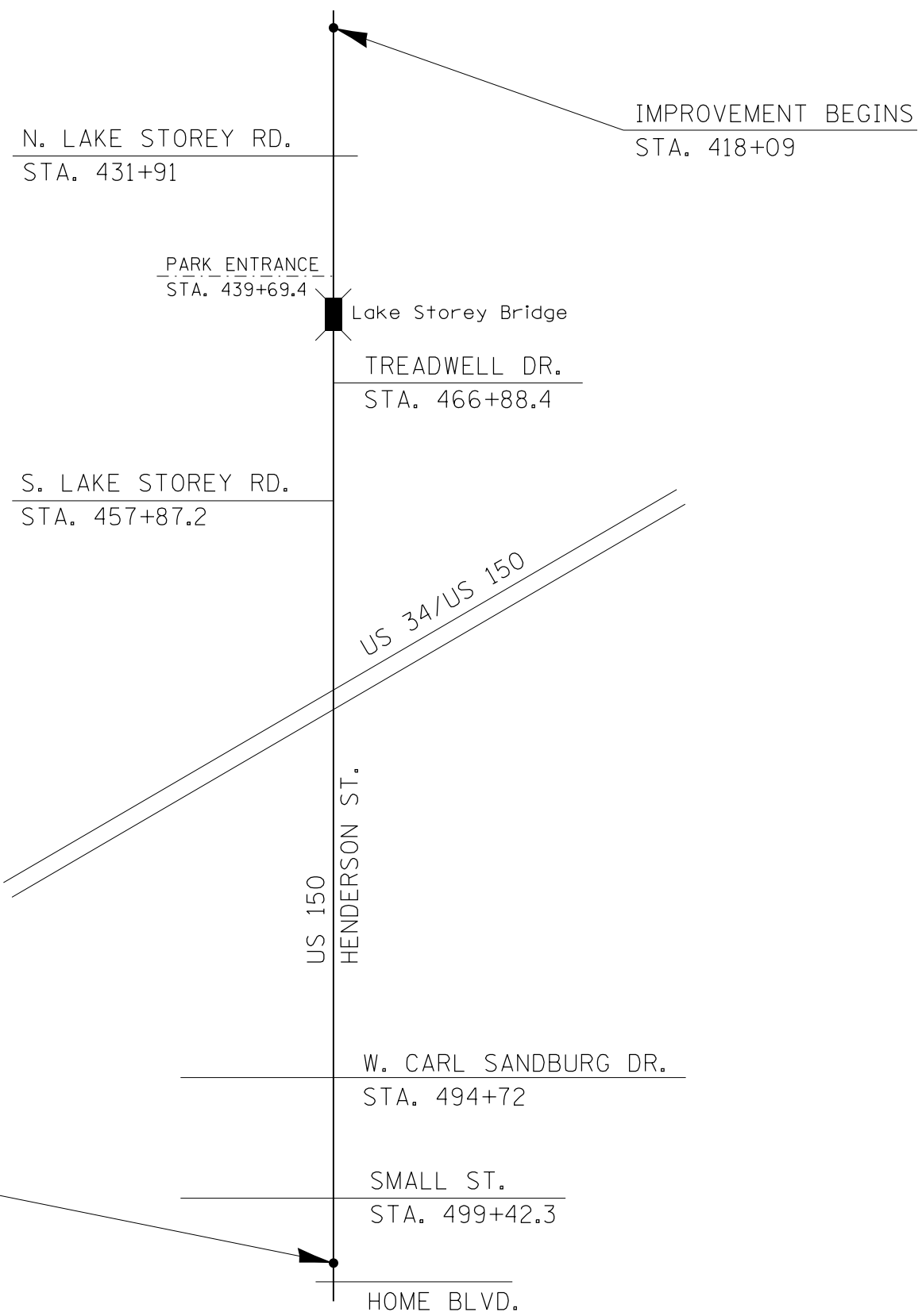
LOCATION	Steel Plate Beam Guardrail, Type A, 6 Foot	Steel Plate Beam Guardrail, Type B, 6 Foot	Traffic Barrier Terminal, Type 2	Traffic Barrier Terminal, Type 5	Traffic Barrier Terminal, Type 6	Traffic Barrier Terminal, Type 6A	Traffic Barrier Terminal, Type 6B	Traffic Barrier Terminal, Type 10	Traffic Barrier Terminal, Type 1 Special, Tangent	Guardrail Markers, Type A	Terminal Marker, Direct Applied	Guardrail Removal	Guardrail Aggregate Erosion Control
	FT	FT.	EA	EA	EA	EA	EA	EA	EA	EACH	EACH	FT	Tons
Northbound													
STA. 440+66.5 TO STA. 442+16.5	150.0		1			1				4		203	41.80
STA. 443+29.1 TO STA. 444+54.1	125.0					1			1	4	1	217.2	48.80
STA. 457+80.4 TO STA. 458+80.4	87.5	12.5	1						1	4	1	163.6	37.40
STA. 463+15.1 TO STA. 464+27.6	112.5		1						1	4	1	214.7	39.93
STA. 475+21.4 TO STA. 477+71.4	250.0		1						1	4	1	351	67.80
STA. 476+17.6 TO STA. 477+23.8	0.0						1		1	4	1	120	26.00
STA. 488+66.0 TO STA. 489+78.5	112.5		1						1	4	1	212.8	39.93
STA. 488+81.7 TO STA. 489+69.2	87.5		1						1	4	1	274.9	34.87
BETWEEN CRASH WALLS							1	1					11.40
SOUTHBOUND													
STA. 441+00.0 TO STA. 442+12.5	112.5				1				1	4	1	206.4	46.27
STA. 443+02.6 TO STA. 444+02.6	100.0		1	1						4		126	25.77
STA. 462+22.9 TO STA. 462+97.9	75.0		1						1	4	1	224.6	32.33
STA. 462+27.4 TO STA. 463+02.4	75.0		1						1	4	1	138.2	32.33
STA. 474+32.3 TO STA. 474+82.3	0.0						1		1	4	1	120	26.00
STA. 474+34.6 TO STA. 476+47.1	212.5		1						1	4	1	320	60.20
STA. 487+47.5 TO STA. 488+47.5	100.0		1						1	4	1	200.2	37.40
BETWEEN CRASH WALLS							1	1					11.40
Total	1600	12.5	11	1	1	2	4	2	13	60	13	3093	620

SEE THE FOLLOWING SHEETS FOR BILL OF MATERIALS:
 BRIDGE DECK REPLACEMENT DETAIL
 PIER 1 CRASHWALL EXTENSION SN 048-0021
 PIER 3 CRASHWALL EXTENSION SN 048-0021
 PIER 1 CRASHWALL EXTENSION SN 048-0022
 PIER 3 CRASHWALL EXTENSION SN 048-0022

MODIFIED URETHANE PAVEMENT MARKING																	
LOCATION	WHITE SOLID 4"	YELLOW SOLID 4"	GROOVING FOR RECESSED PVT MKG 5"	WHITE SOLID 8"	WHITE DOTTED 8"	GROOVING FOR RECESSED PVT MKG 9"	WHITE SOLID 12"	YELLOW SOLID 12"	GROOVING FOR RECESSED PVT MKG 13"	WHITE SOLID 24"	GROOVING FOR RECESSED PVT MKG 25"	WHITE SKIP-DASH 6"	GROOVING FOR RECESSED PVT MKG 7"	LETTERS AND SYMBOLS	GROOVING FOR RECESSED PVT MKG LT N SYM	RAISED REFLECTIVE PAVEMENT MARKERS	
	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SQ FT	SQ FT	1-WAY CRYSTAL	1-WAY AMBER
																EACH	
STA. 418+09 TO STA. 423+00	982.08	1603.48	2585.56	0	0	0	0	139.69	139.69	0	0	44.94	44.94	0	0	2	
STA. 423+00 TO STA. 429+00	1200.13	1200	2400.13	0	0	0	0	0	0	0	0	244.45	244.45	0	0	12	
STA. 429+00 TO STA. 435+00	1164.38	1132.53	2296.91	337.6	0	337.6	32.29	0	32.29	0	0	288.39	288.39	31.2	31.2	14	
STA. 435+00 TO STA. 441+00	1200	1200.18	2400.18	0	0	0	0	0	0	0	0	300	300	0	0	15	
STA. 441+00 TO STA. 446+00	1000.06	1000.34	2000.4	91.59	0	91.59	0	0	0	0	0	250	250	15.6	15.6	13	
STA. 446+00 TO STA. 452+00	1268.21	1154.07	2422.28	211.35	0	211.35	30.24	0	30.24	0	0	300	300	15.6	15.6	15	
STA. 452+00 TO STA. 455+50	700.25	700.26	1400.51	0	0	0	0	0	0	0	0	203.5	203.5	0	0	10	
STA. 455+50 TO STA. 461+00	1154.95	1245.44	2400.39	1129.83	15.94	1145.77	89.2	0	89.2	60.28	60.28	258.9	258.9	62.4	62.4	13	
STA. 461+00 TO STA. 467+00	2012.06	1270.46	3282.52	0	51.56	51.56	0	29.39	29.39	0	0	337.87	337.87	0	0	17	
STA. 467+00 TO STA. 473+00	1614.1	1200.05	2814.15	0	0	0	0	0	0	0	0	321.45	321.45	0	0	16	
STA. 473+00 TO STA. 479+00	1420.77	1200	2620.77	0	0	0	0	0	0	0	0	525.8	525.8	0	0	26	
STA. 479+00 TO STA. 485+00	1581.8	1200.06	2781.86	0	0	0	0	0	0	0	0	307.64	307.64	0	0	15	
STA. 485+00 TO STA. 491+00	1829.54	1200.04	3029.58	0	60.99	60.99	0	0	0	0	0	436.02	436.02	0	0	22	
STA. 491+00 TO STA. 497+00	239.28	1052.57	1291.85	2192.55	21.11	2213.66	231	0	231	203.51	203.51	335.26	335.26	280.8	280.8	28	12
STA. 497+00 TO STA. 501+00	0	746.97	746.97	363.26	0	363.26	0	0	0	28.53	28.53	147.49	147.49	93.6	93.6	25	12
STA. 501+00 TO STA. 502+55	0	510.05	510.05	174.9	0	174.9	16.6	0	16.6	0	0	123.93	123.93	46.8	46.8	10	20
SUB-TOTAL	17368	17617	34984	4501	150	4651	399	169	568	292	292	4426	4426	546	546	253	44
TOTAL	34984		34984	4651		4651	568		568	292	292	4426	4426	546	546	297	

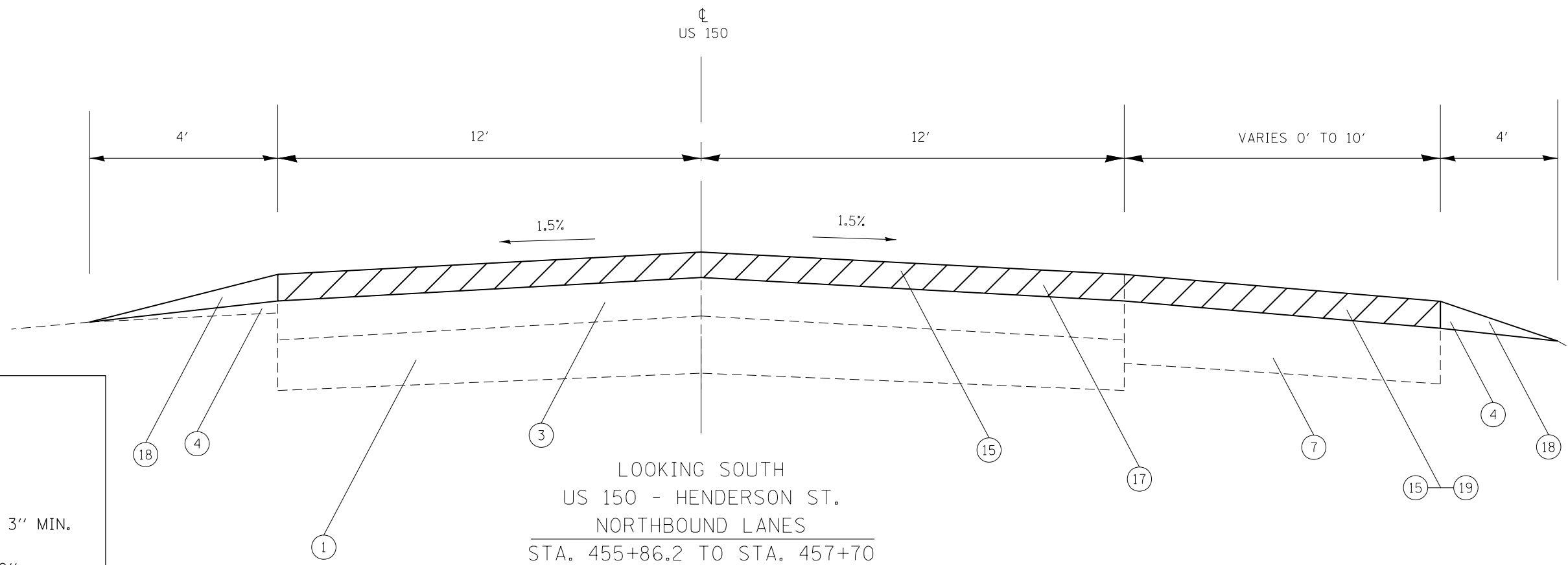
TEMPORARY PAVEMENT MARKING										
LOCATION	WHITE SOLID 4"	YELLOW SOLID 4"	WHITE SOLID 8"	WHITE DOTTED 8"	WHITE SOLID 12"	YELLOW SOLID 12"	WHITE SOLID 24"	WHITE SKIP-DASH 6"	LETTERS AND SYMBOLS	
	FT	FT	FT	FT	FT	FT	FT	FT	SQ FT	
STA. 418+09 TO STA. 423+00	982.08	1603.48	0	0	0	139.69	0	44.94	0	
STA. 423+00 TO STA. 429+00	1200.13	1200	0	0	0	0	0	244.45	0	
STA. 429+00 TO STA. 435+00	1164.38	1132.53	337.6	0	32.29	0	0	288.39	31.2	
STA. 435+00 TO STA. 441+00	1200	1200.18	0	0	0	0	0	300	0	
STA. 441+00 TO STA. 446+00	1000.06	1000.34	91.59	0	0	0	0	250	15.6	
STA. 446+00 TO STA. 452+00	1268.21	1154.07	211.35	0	30.24	0	0	300	15.6	
STA. 452+00 TO STA. 455+50	700.25	700.26	0	0	0	0	0	203.5	0	
STA. 455+50 TO STA. 461+00	1154.95	1245.44	1129.83	15.94	89.2	0	60.28	258.9	62.4	
STA. 461+00 TO STA. 467+00	2012.06	1270.46	0	51.56	0	29.39	0	337.87	0	
STA. 467+00 TO STA. 473+00	1614.1	1200.05	0	0	0	0	0	321.45	0	
STA. 473+00 TO STA. 479+00	1420.77	1200	0	0	0	0	0	525.8	0	
STA. 479+00 TO STA. 485+00	1581.8	1200.06	0	0	0	0	0	307.64	0	
STA. 485+00 TO STA. 491+00	1829.54	1200.04	0	60.99	0	0	0	436.02	0	
STA. 491+00 TO STA. 497+00	239.28	1052.57	2192.55	21.11	231	0	203.51	335.26	280.8	
STA. 497+00 TO STA. 501+00	0	746.97	363.26	0	0	0	28.53	147.49	93.6	
STA. 501+00 TO STA. 502+55	0	510.05	174.9	0	16.6	0	0	123.93	46.8	
SUB-TOTAL	17368	17617	4501	150	399	169	292	4426	546	
TOTAL	34984		4651		568		292	4426	546	

LOCATION	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	FT	SQ FT.
JOBSITE		
NORTHBOUND	1304	312
SOUTHBOUND	1428	339
TOTAL	2732	651



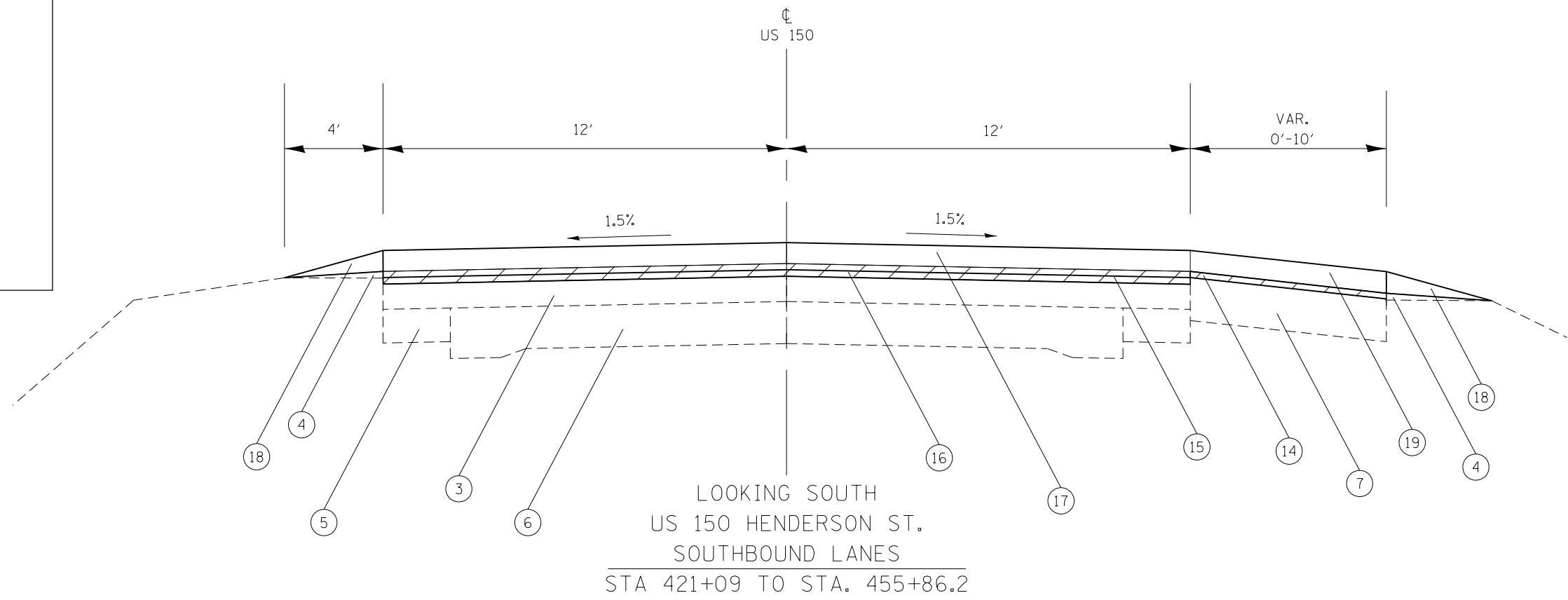
DRAWING NOT TO SCALE

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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					6791	126R5-4	KNOX	76	14
Default	PLOT DATE = 3/20/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT												



LEGEND

①	EXIST. P.C.C. PAVEMENT - 8"
②	EXIST. CONCRETE MEDIAN
③	EXIST. BITUMINOUS OVERLAY - 3" MIN.
④	EXIST. AGGREGATE SHOULDERS
⑤	EXIST. P.C.C. WIDENING - 8"-10"
⑥	EXIST. CONCRETE PAVEMENT 9"-6"-9"
⑦	EXIST. BITUMINOUS SHOULDER - 8" +/-
⑧	EXIST. COMBINATION CURB & GUTTER
⑭	PROP. 3/4" BIT. SURFACE REMOVAL
⑮	PROP. 1 1/2" BIT. SURFACE REMOVAL
⑯	PROP. 3/4" LEVEL BINDER
⑰	PROP. 1 1/2" BIT. SURFACE COURSE
⑱	PROP. AGG. SHOULDER, TYPE B
⑲	HMA SHOULDERS (1 1/2")
	TO BE REMOVED

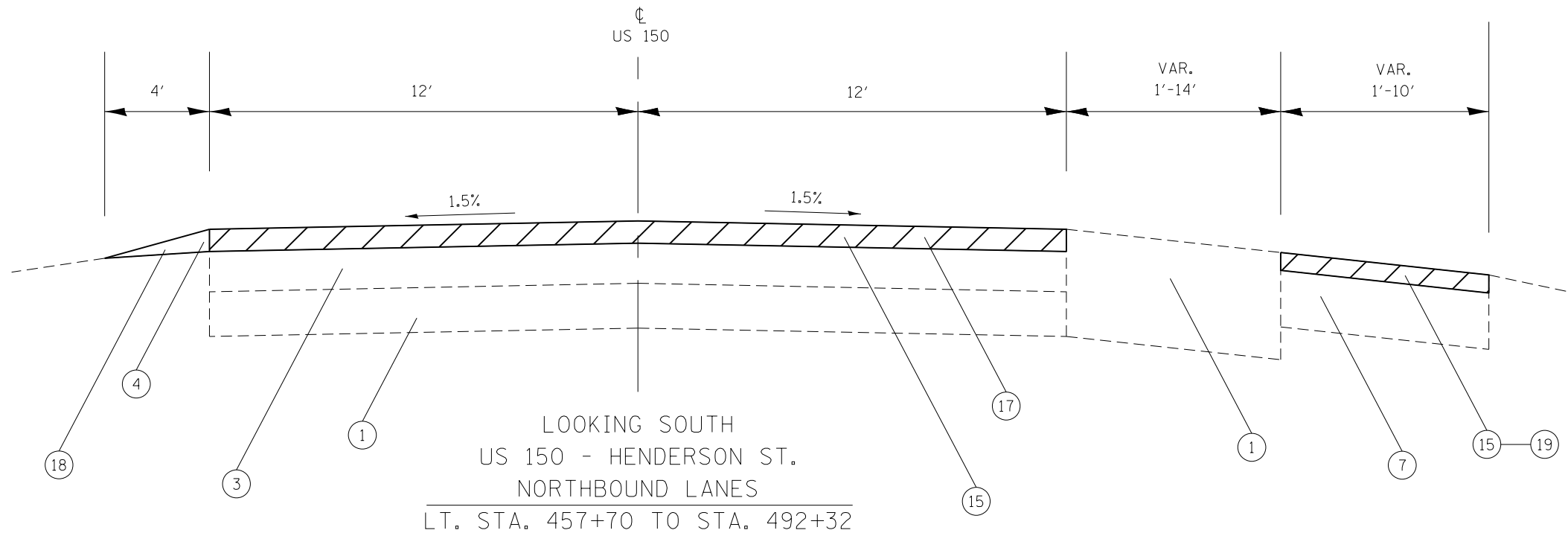


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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

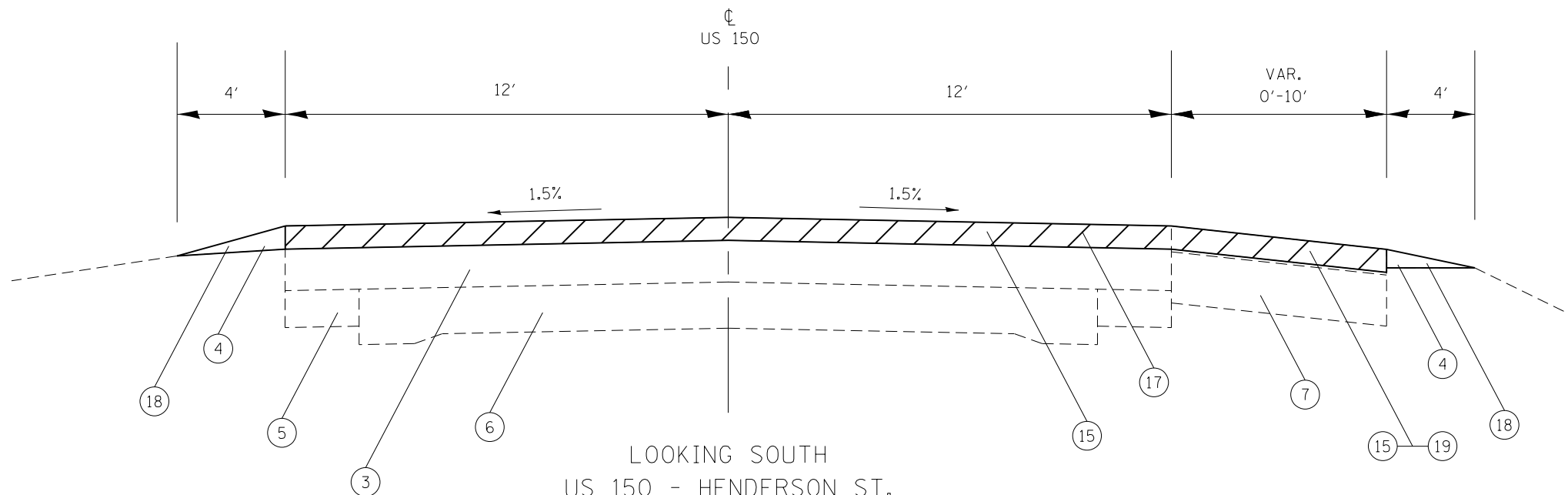
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	16
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



SOUTHBOUND LANES
RT. STA 459+82 TO STA. 492+32



LOOKING SOUTH
US 150 - HENDERSON ST.
SOUTHBOUND LANES
STA 455+83.2 TO STA. 459+82

LEGEND

- ① EXIST. P.C.C. PAVEMENT - 8"
- ② EXIST. CONCRETE MEDIAN
- ③ EXIST. BITUMINOUS OVERLAY - 3" MIN.
- ④ EXIST. AGGREGATE SHOULDERS
- ⑤ EXIST. P.C.C. WIDENING - 8"-10"
- ⑥ EXIST. CONCRETE PAVEMENT 9"-6"-9"
- ⑦ EXIST. BITUMINOUS SHOULDER - 8" +/-
- ⑧ EXIST. COMBINATION CURB & GUTTER

- ⑭ PROP. 3/4" BIT. SURFACE REMOVAL
- ⑮ PROP. 1 1/2" BIT. SURFACE REMOVAL
- ⑯ PROP. 3/4" LEVEL BINDER
- ⑰ PROP. 1 1/2" BIT. SURFACE COURSE
- ⑱ PROP. AGG. SHOULDER, TYPE B
- ⑲ HMA SHOULDERS (1 1/2")

TO BE REMOVED

FILE NAME =
D468B65-sht-plan.dgn
Default

USER NAME = aubreys
DRAWN -
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/20/2014

DESIGNED -
CHECKED -
DATE -

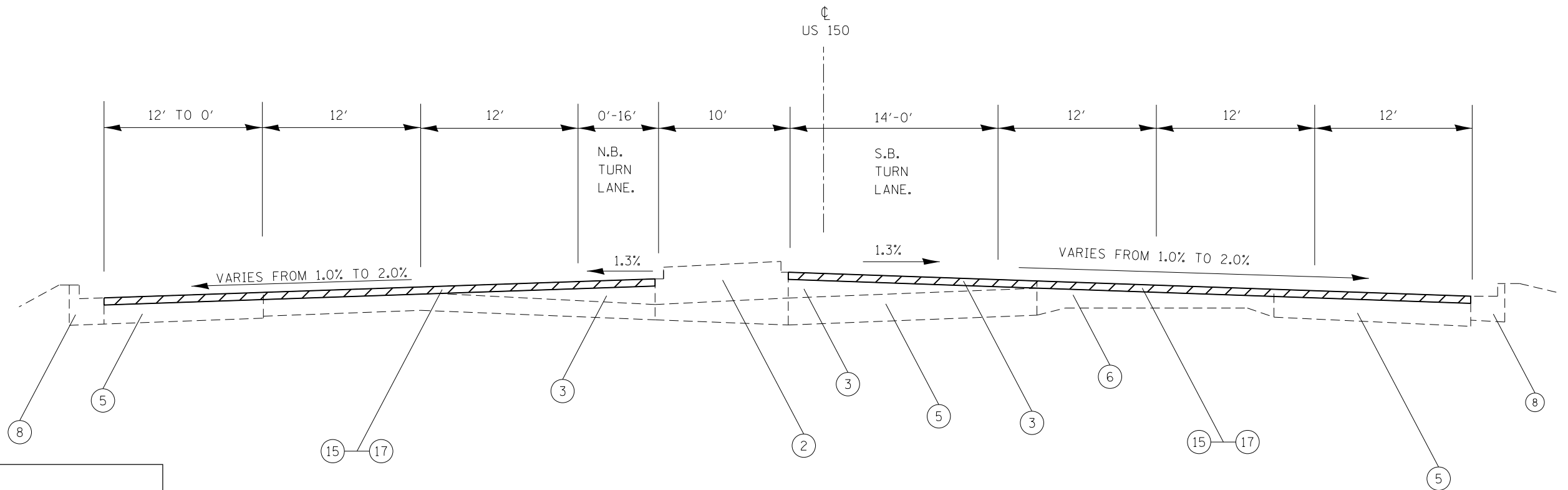
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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

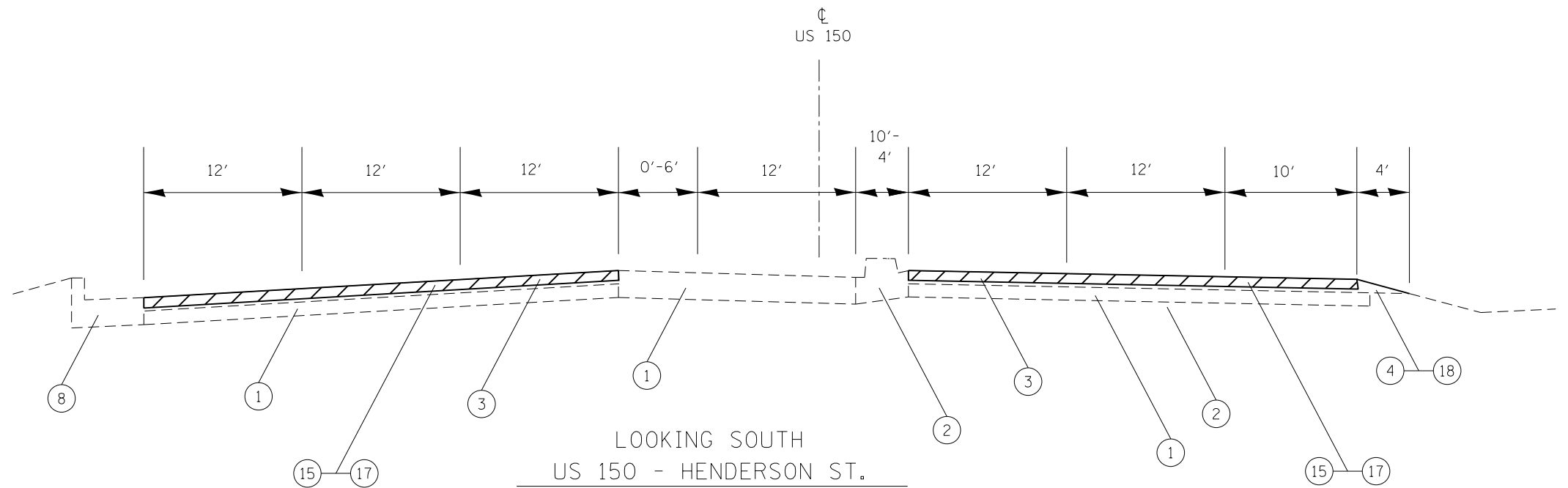
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	17
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LOOKING SOUTH
 US 150 - HENDERSON ST.
 STA. 495+07.5 TO STA. 499+35.57

LEGEND

①	EXIST. P.C.C. PAVEMENT - 8"
②	EXIST. CONCRETE MEDIAN
③	EXIST. BITUMINOUS OVERLAY - 3" MIN.
④	EXIST. AGGREGATE SHOULDERS
⑤	EXIST. P.C.C. WIDENING - 8"-10"
⑥	EXIST. CONCRETE PAVEMENT 9"-6"-9"
⑦	EXIST. BITUMINOUS SHOULDER - 8" +/-
⑧	EXIST. COMBINATION CURB & GUTTER
⑭	PROP. 3/4" BIT. SURFACE REMOVAL
⑮	PROP. 1 1/2" BIT. SURFACE REMOVAL
⑯	PROP. 3/4" LEVEL BINDER
⑰	PROP. 1 1/2" BIT. SURFACE COURSE
⑱	PROP. AGG. SHOULDER, TYPE B
⑲	HMA SHOULDERS (1 1/2")
	TO BE REMOVED

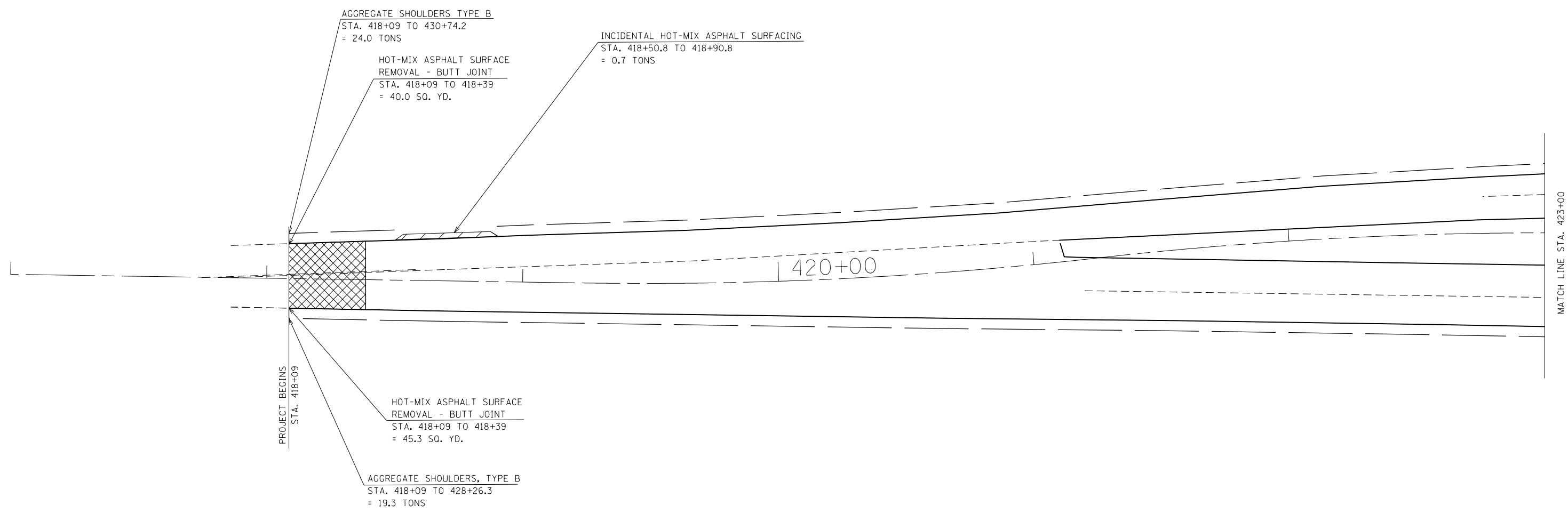


LOOKING SOUTH
 US 150 - HENDERSON ST.
 STA. 492+32 TO STA. 495+07.5

FILE NAME = D468B65-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	6791	126RS-4	KNOX
Default	PLOT DATE = 3/20/2014	DATE -	REVISED -						CONTRACT NO. 68B65				ILLINOIS FED. AID PROJECT		



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

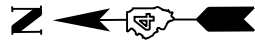






FILE NAME = D468B65-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
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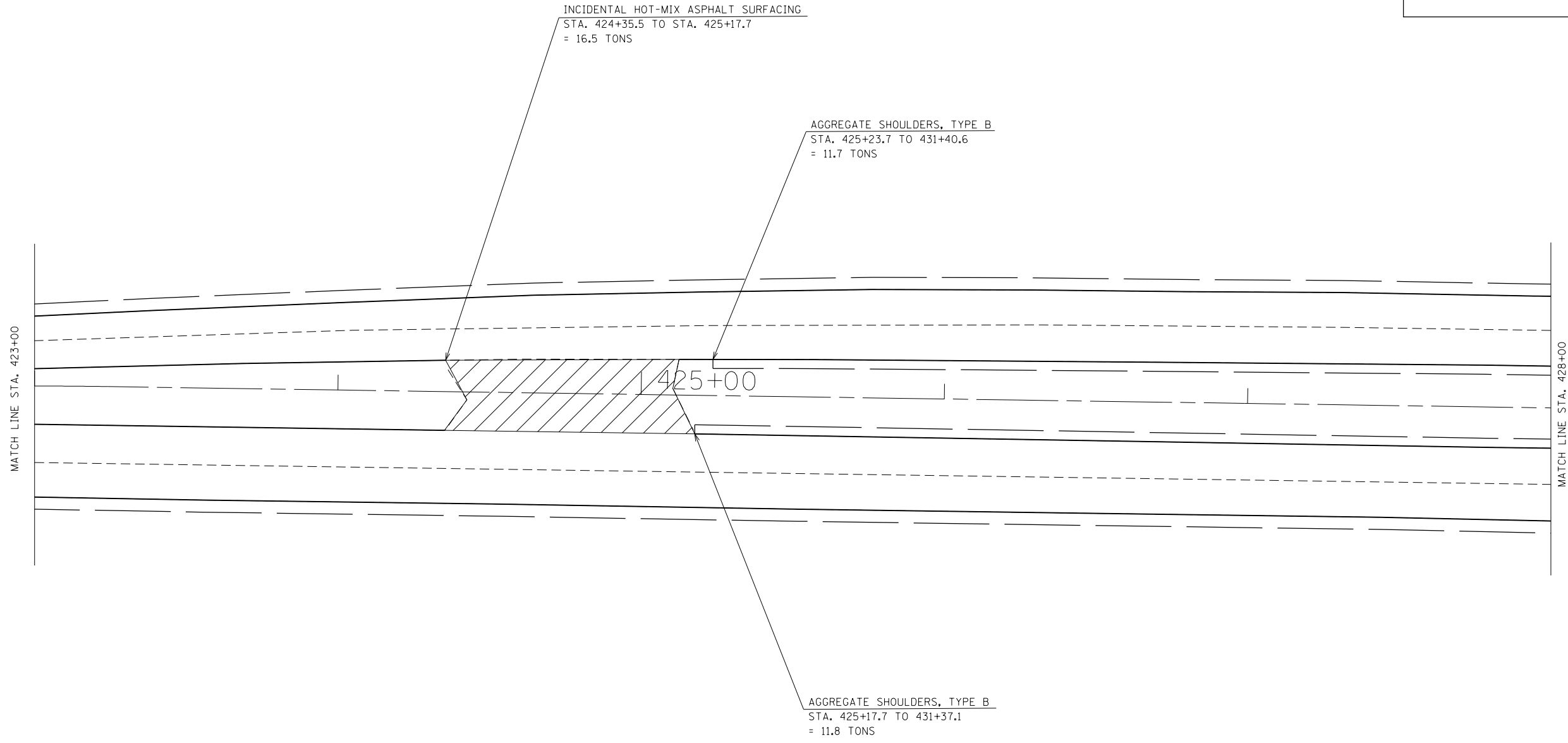
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN SHEET			
SHEET 1 OF 17			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	20
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH



FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/20/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

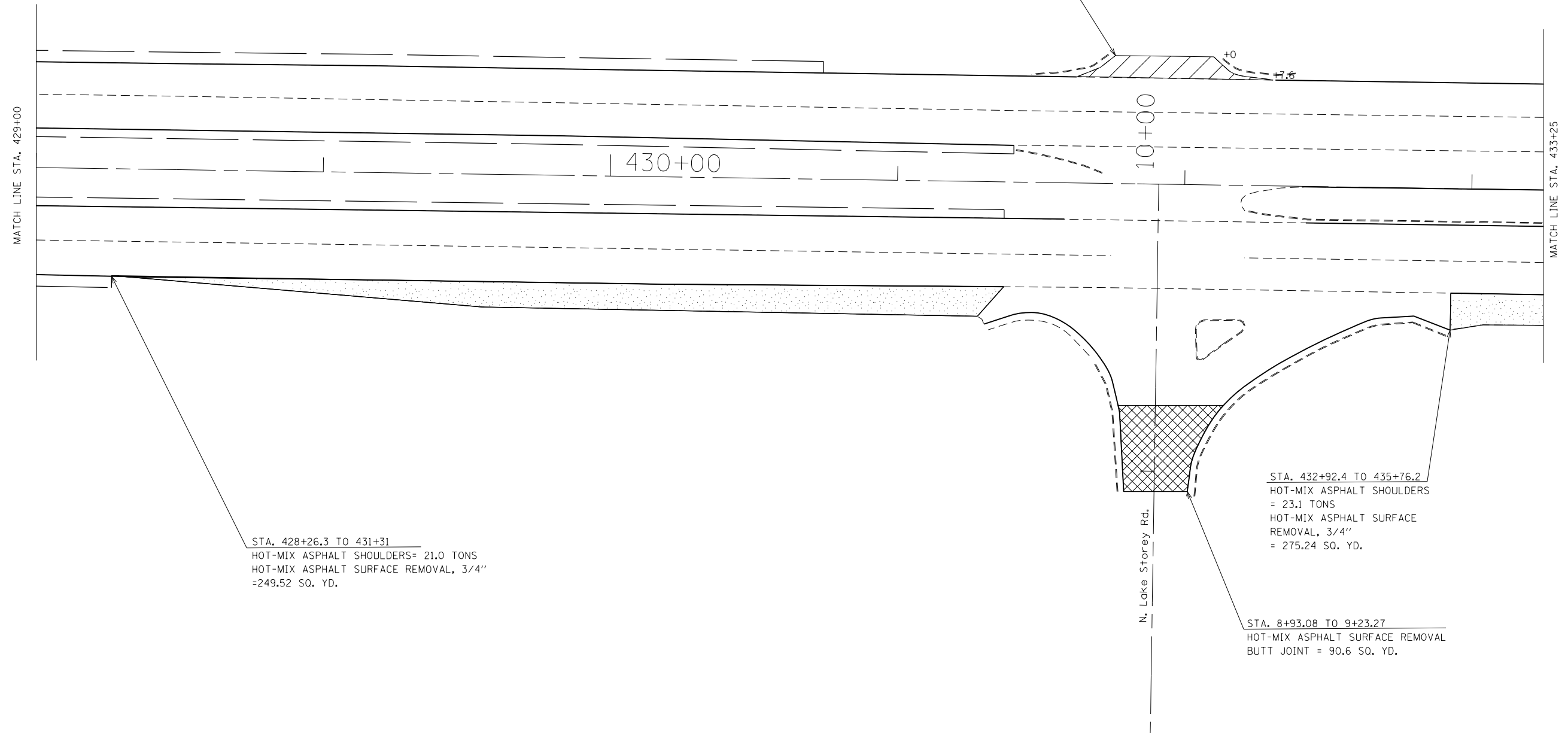
GENERAL PLAN SHEET SHEET 2 OF 17			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 21
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



STA. 431+62.7 TO 432+30.8
 INCIDENTAL HOT-MIX ASPHALT SURFACING = 3.2 TONS
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT = 38.5 SQ. YD.

LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH



STA. 428+26.3 TO 431+31
 HOT-MIX ASPHALT SHOULDERS= 21.0 TONS
 HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
 =249.52 SQ. YD.

STA. 432+92.4 TO 435+76.2
 HOT-MIX ASPHALT SHOULDERS
 = 23.1 TONS
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 3/4"
 = 275.24 SQ. YD.

STA. 8+93.08 TO 9+23.27
 HOT-MIX ASPHALT SURFACE REMOVAL
 BUTT JOINT = 90.6 SQ. YD.

FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

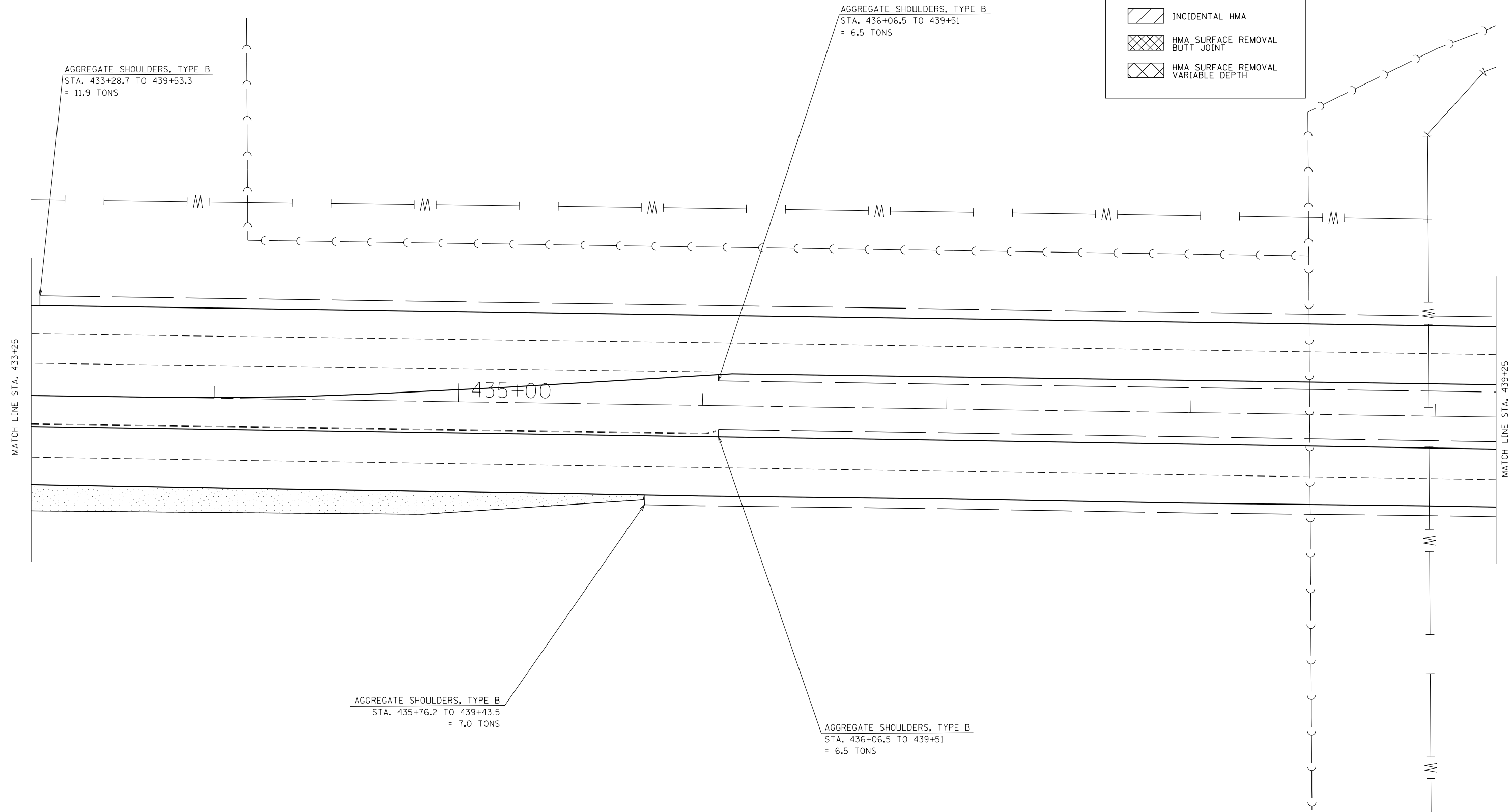
GENERAL PLAN SHEET			
SHEET 3 OF 17			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	22
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND

- HMA SHOULDERS
- INCIDENTAL HMA
- HMA SURFACE REMOVAL BUTT JOINT
- HMA SURFACE REMOVAL VARIABLE DEPTH

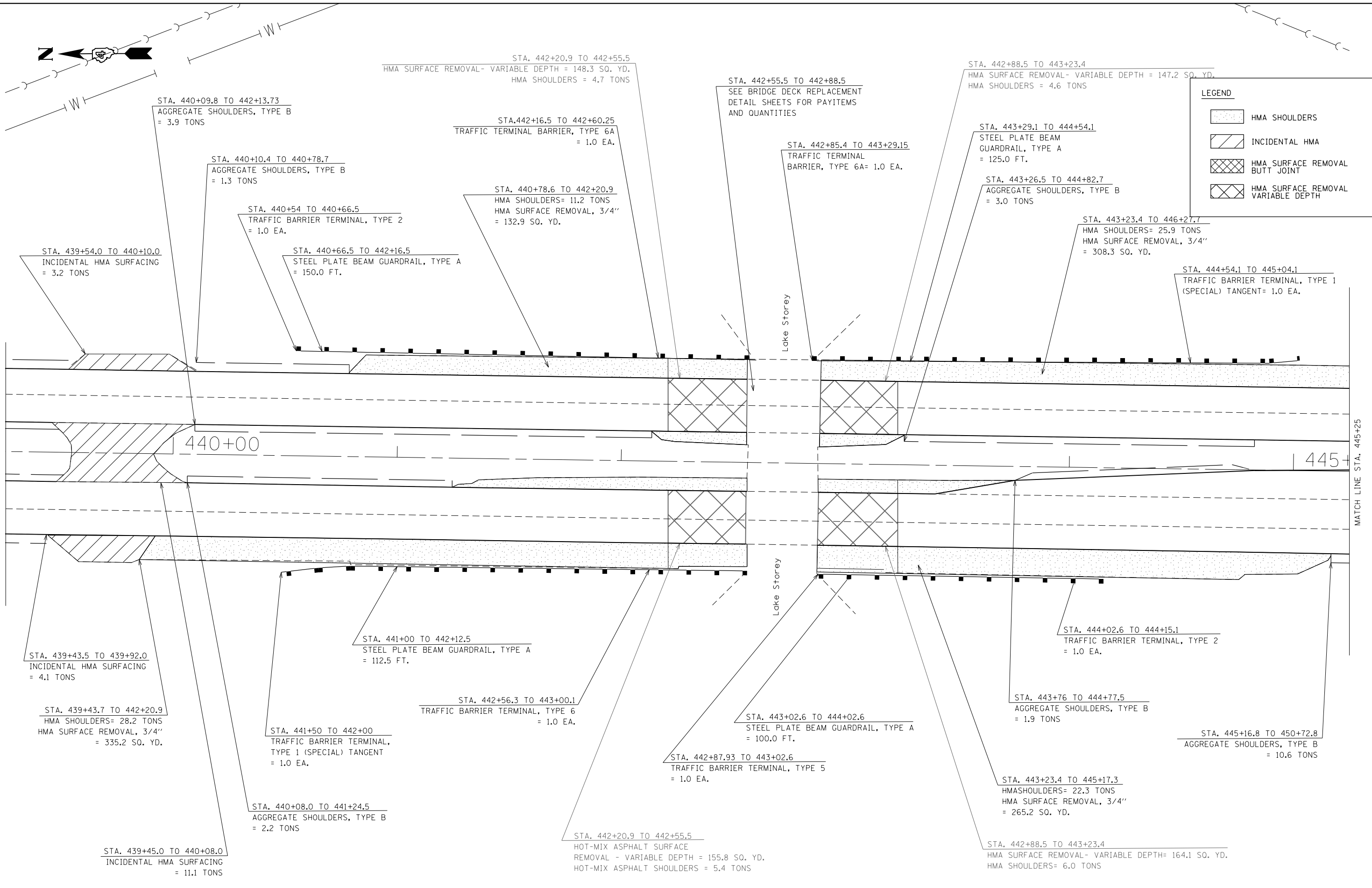


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 4 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	23
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND

	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

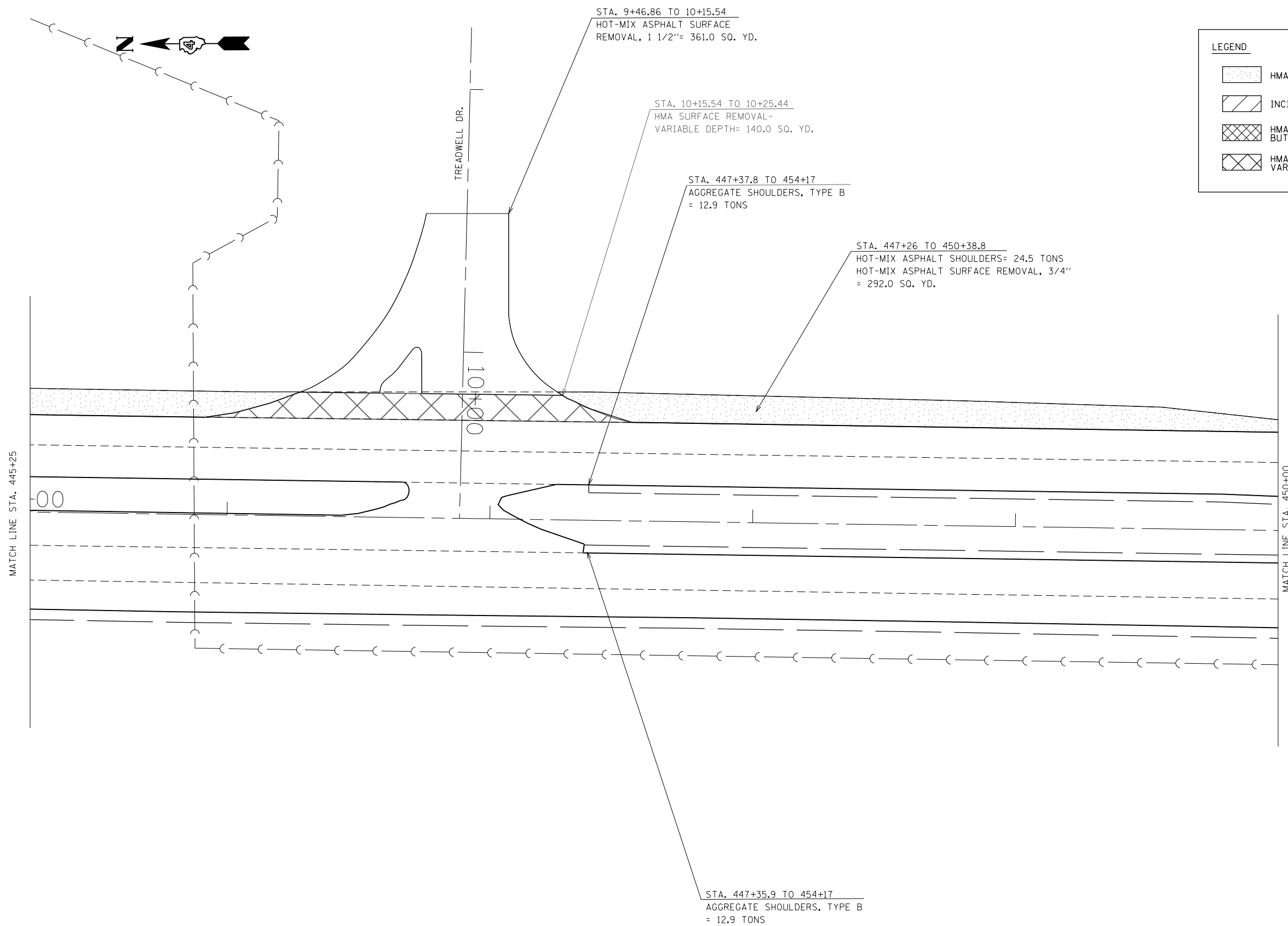
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 5 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	24
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND

	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

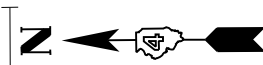
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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 6 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 6791	SECTION 126R5-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 25
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

STA. 450+38.8 TO 457+67.6
 AGGREGATE SHOULDERS, TYPE B
 = 13.8 TONS

← STA. 418+09 TO 455+86.2
 1 1/2" SURFACE REMOVAL
 3/4" LEVELING BINDER
 1 1/2" HMA SURFACE COURSE

MATCH LINE STA. 450+00

MATCH LINE STA. 456+00

450+00

455+00

ENTRANCE

STA. 450+72.8 TO 455+86.2
 HMA SHOULDERS= 46.4 TONS
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 3/4"= 552.7 SQ. YD.

→ STA. 455+86.2 TO 503+55
 1 1/2" SURFACE REMOVAL
 1 1/2" HMA SURFACE COURSE

FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
 SHEET 7 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	26
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



STA. 457+67.90 TO 457+80.4
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

STA. 457+80.40 TO 457+67.9
STEEL PLATE BEAM GUARDRAIL, TYPE B
= 12.5 FT.

STA. 457+67.9 TO 458+80.4
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 87.5 FT.

STA. 458+80.4 TO 459+30.40
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

STA. 457+67.7 TO 466+29.6
HOT-MIX ASPHALT
SHOULDERS = 65.0 TONS
HOT-MIX ASPHALT SURFACE
REMOVAL, 1 1/2" = 774.0 SQ. YD.

MATCH LINE STA. 456+00

MATCH LINE STA. 461+00

460+00

STA. 455+86.2 TO 457+06.3
HMA SHOULDERS = 12.1 TONS
HMA SURFACE REMOVAL, 1 1/2"
= 144.1 SQ. YD.

STA. 458+77.2 TO 463+10.9
HMA SHOULDERS = 33.4 TONS
HMA SURFACE REMOVAL, 1 1/2" = 397.4 SQ. YD.

STA. 8+79.17 TO 9+09.34
HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT = 159.0 SQ. YD.

S. LAKE STOREY RD.

LEGEND

- HMA SHOULDERS
- INCIDENTAL HMA
- HMA SURFACE REMOVAL BUTT JOINT
- HMA SURFACE REMOVAL VARIABLE DEPTH

FILE NAME =
D468865-sht-plan.dgn
Default

USER NAME = aubreys
DESIGNED -
DRAWN -
PLOT SCALE = 40.0000' / in.
CHECKED -
DATE -
PLOT DATE = 3/20/2014

DESIGNED -
DRAWN -
CHECKED -
DATE -

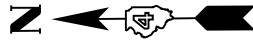
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REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 8 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	27
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



STA. 463+02.38 TO 463+14.88
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

STA. 463+02.61 TO 463+15.11
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

STA. 462+27.38 TO 463+02.38
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 75.0 FT.

STA. 463+15.11 TO 464+27.61
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 112.5 FT.

STA. 461+77.38 TO 462+27.38
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

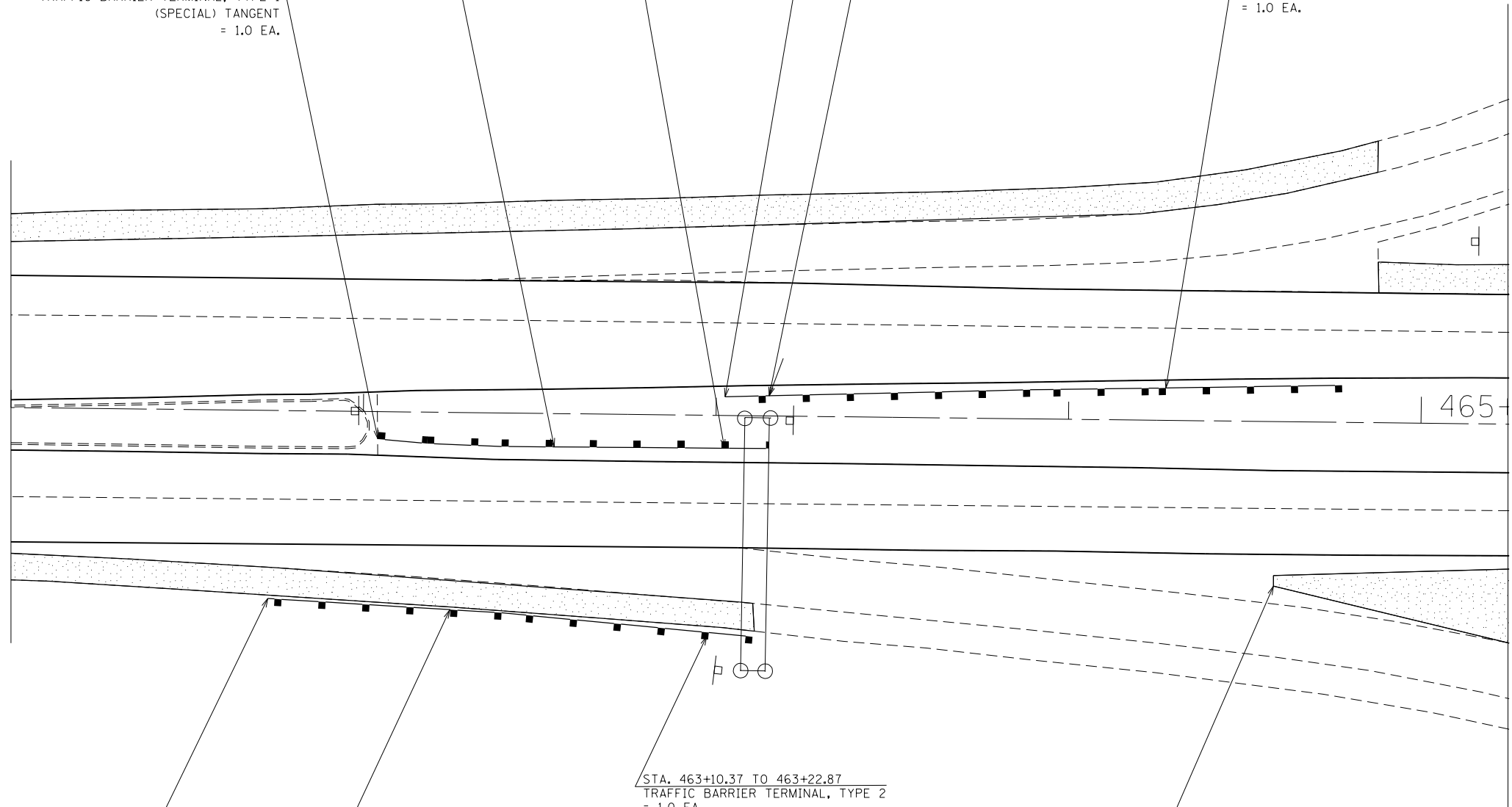
STA. 464+27.61 TO 464+77.61
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

LEGEND

- HMA SHOULDERS
- INCIDENTAL HMA
- HMA SURFACE REMOVAL BUTT JOINT
- HMA SURFACE REMOVAL VARIABLE DEPTH

MATCH LINE STA. 461+00

MATCH LINE STA. 465+25



STA. 463+10.37 TO 463+22.87
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

STA. 462+22.87 TO 462+97.87
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 75.0 FT.

STA. 461+72.87 TO 462+22.87
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
= 1.0 EA.

STA. 464+58.2 TO 479+45.4
HOT-MIX ASPHALT SHOULDERS = 124.7 TONS
HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
= 1484.5 SQ. YD.





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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

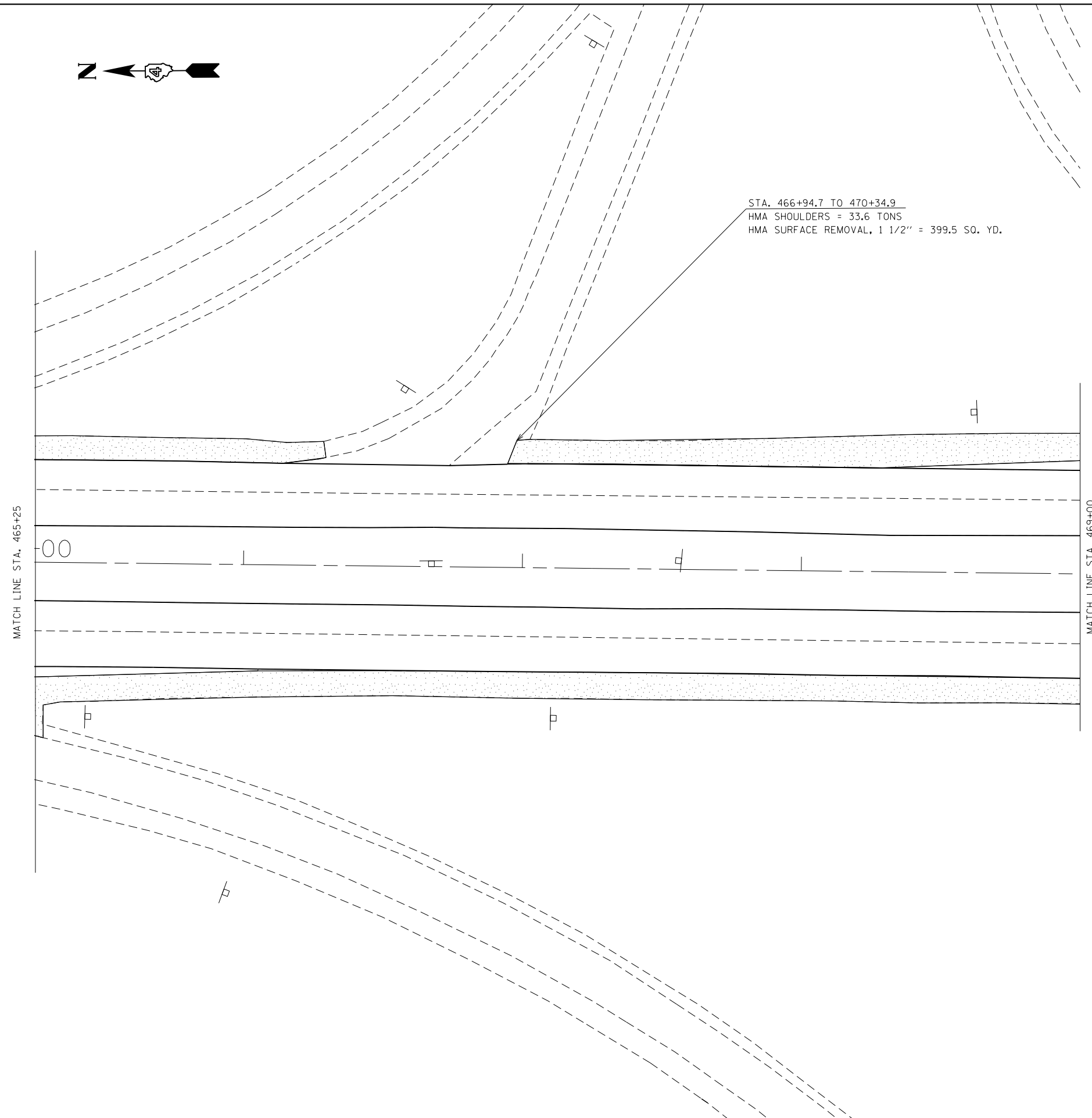
GENERAL PLAN SHEET			
SHEET 9 OF 17			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	28
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

STA. 466+94.7 TO 470+34.9
 HMA SHOULDERS = 33.6 TONS
 HMA SURFACE REMOVAL, 1 1/2" = 399.5 SQ. YD.



FILE NAME = D468B65-sht-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**





**GENERAL PLAN SHEET
 SHEET 10 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	29
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND

-  HMA SHOULDERS
-  INCIDENTAL HMA
-  HMA SURFACE REMOVAL BUTT JOINT
-  HMA SURFACE REMOVAL VARIABLE DEPTH

STA. 471+67.1 TO 477+66.6
 HMA SHOULDERS = 54.4 TONS
 HMA SURFACE REMOVAL, 1 1/2" = 647.4 SQ. YD.

MATCH LINE STA. 469+00

470+00

MATCH LINE STA. 473+00

FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 11 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	30
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



STA. 475+21.10 TO 477+71.43
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 250.0 FT.

STA. 477+08.60 TO 477+21.10
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

BETWEEN SN 048-0022 AND 048-0021 PIERS
TRAFFIC BARRIER TERMINAL, TYPE 6B= 1.0 EA.
TRAFFIC BARRIER TERMINAL, TYPE 10= 1.0 EA.

STA. 476+17.55 TO 476+73.8
TRAFFIC BARRIER TERMINAL, TYPE 6B
= 1.0 EA.

STA. 476+73.8 TO 477+23.8
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

STA. 477+66.6 TO 487+02.0
HMA SHOULDERS = 81.5 TONS
HMA SURFACE REMOVAL, 1 1/2"
= 970.0 SQ. YD.

STA. 477+71.43 TO 478+21.43
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT= 1.0 EA.

MATCH LINE STA. 473+00

MATCH LINE STA. 479+00

475+00

STA. 474+79.82 TO 475+36.07
TRAFFIC BARRIER TERMINAL, TYPE 6B
= 1.0 EA.

STA. 474+29.82 TO 474+79.82
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

STA. 474+34.59 TO 476+47.09
STEEL PLATE BEAM GUARDRAIL, TYPE A
= 212.5 FT.

STA. 473+84.59 TO 474+34.59
TRAFFIC BARRIER TERMINAL, TYPE 1
(SPECIAL) TANGENT
= 1.0 EA.

BETWEEN SN 048-0022 AND 048-0021 PIERS
TRAFFIC BARRIER TERMINAL, TYPE 6B= 1.0 EA.
TRAFFIC BARRIER TERMINAL, TYPE 10= 1.0 EA.

STA. 476+47.09 TO 476+59.59
TRAFFIC BARRIER TERMINAL, TYPE 2
= 1.0 EA.

LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

FILE NAME = D468865-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN SHEET
SHEET 12 OF 17

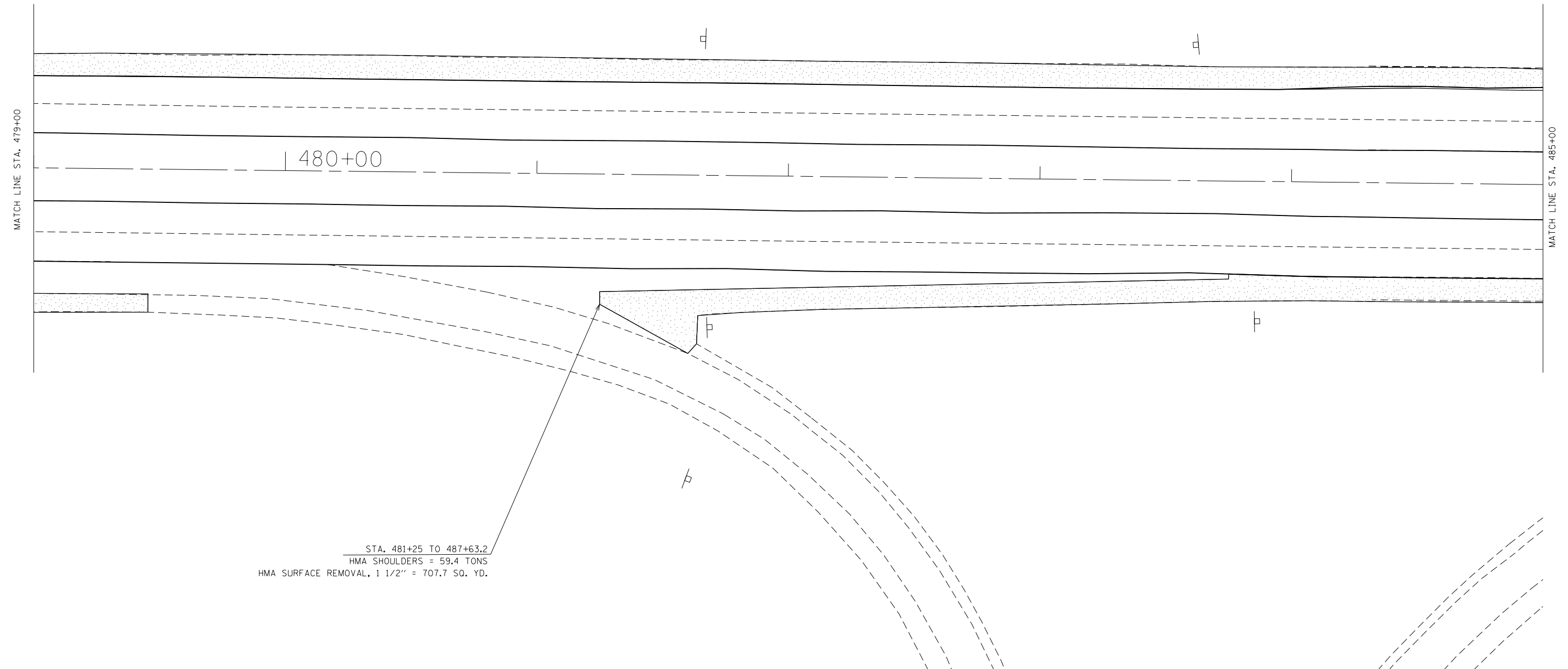
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	31
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND

- HMA SHOULDERS
- INCIDENTAL HMA
- HMA SURFACE REMOVAL BUTT JOINT
- HMA SURFACE REMOVAL VARIABLE DEPTH



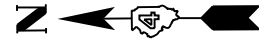
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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 13 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	32
CONTRACT NO. 68B65				
<small>ILLINOIS FED. AID PROJECT</small>				



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH

STA. 488+38.4 TO 493+39.2
 HMA SHOULDERS = 40.2 TONS
 HMA SURFACE REMOVAL, 1 1/2" = 478.1 SQ. YD.

STA. 488+69.20 TO 488+81.70
 TRAFFIC BARRIER TERMINAL, TYPE 2
 = 1.0 EA.

STA. 488+81.70 TO 489+69.20
 STEEL PLATE BEAM GUARDRAIL, TYPE A
 = 87.5 FT.

STA. 489+69.2 TO 490+19.2
 TRAFFIC BARRIER TERMINAL, TYPE 1
 (SPECIAL) TANGENT
 = 1.0 EA

MATCH LINE STA. 485+00

485+00

490+00

MATCH LINE STA. 491+00

STA. 487+47.46 TO 488+47.46
 STEEL PLATE BEAM GUARDRAIL, TYPE A
 = 100.0 FT.

STA. 488+47.46 TO 488+59.96
 TRAFFIC BARRIER TERMINAL, TYPE 2
 = 1.0 EA.

STA. 488+65.98 TO 489+78.48
 STEEL PLATE BEAM GUARDRAIL, TYPE A
 = 112.5 FT.

STA. 488+53.48 TO 488+65.98
 TRAFFIC BARRIER TERMINAL, TYPE 2
 = 1.0 EA.

STA. 489+78.48 TO 490+28.48
 TRAFFIC BARRIER TERMINAL, TYPE 1
 (SPECIAL) TANGENT= 1.0 EA.

STA. 486+97.46 TO 478+47.46
 TRAFFIC BARRIER TERMINAL, TYPE 1
 (SPECIAL) TANGENT
 = 1.0 EA.

FILE NAME =
 D468B65-sht-plan.dgn
 Default

USER NAME = aubreys
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/20/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

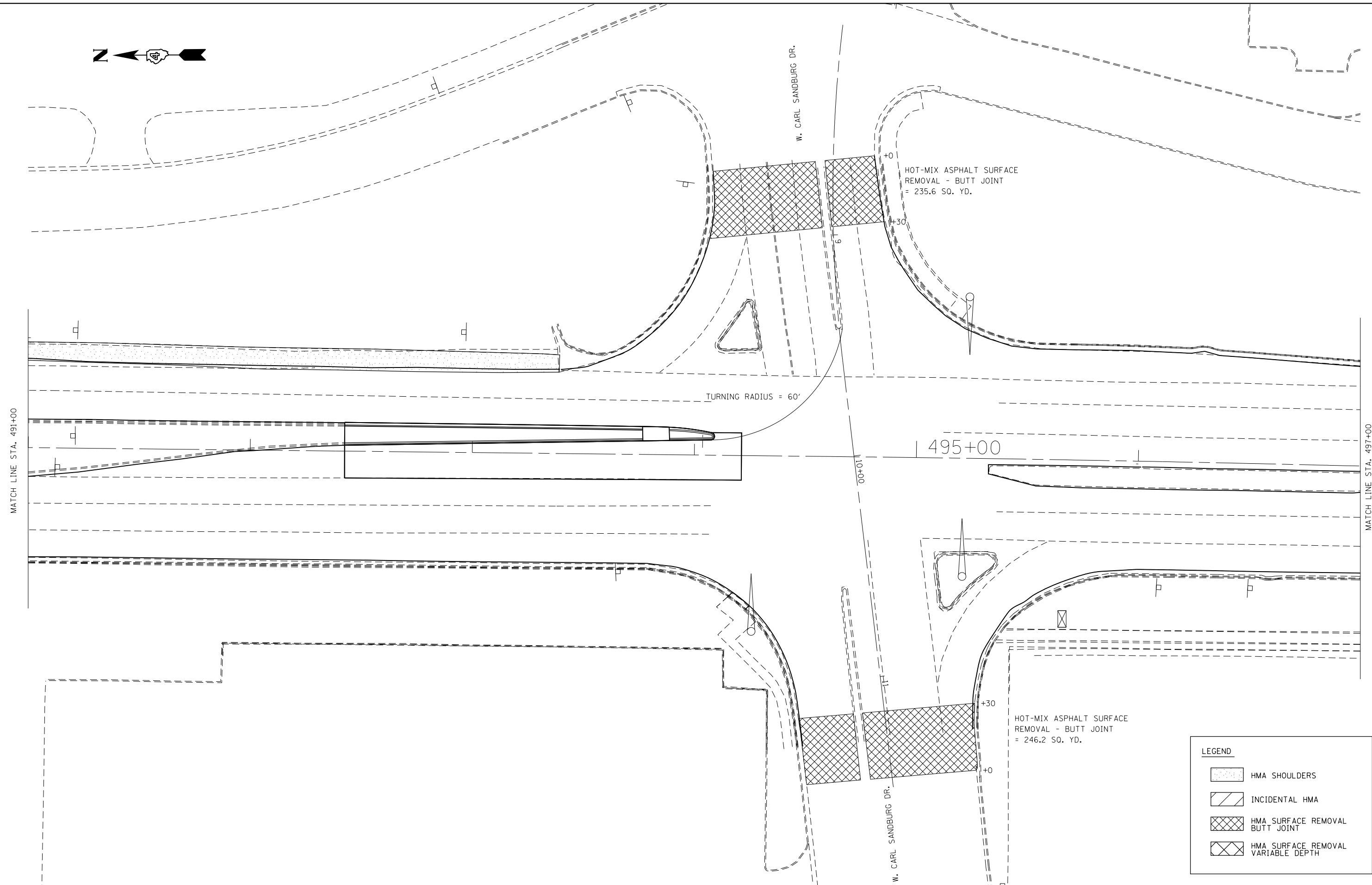
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
 SHEET 14 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	33
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 491+00

MATCH LINE STA. 497+00

TURNING RADIUS = 60'

495+00

10+00

W. CARL SANDBURG DR.

W. CARL SANDBURG DR.

HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT
= 235.6 SQ. YD.

HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT
= 246.2 SQ. YD.

LEGEND			
	HMA SHOULDERS		
	INCIDENTAL HMA		
	HMA SURFACE REMOVAL BUTT JOINT		
	HMA SURFACE REMOVAL VARIABLE DEPTH		

FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

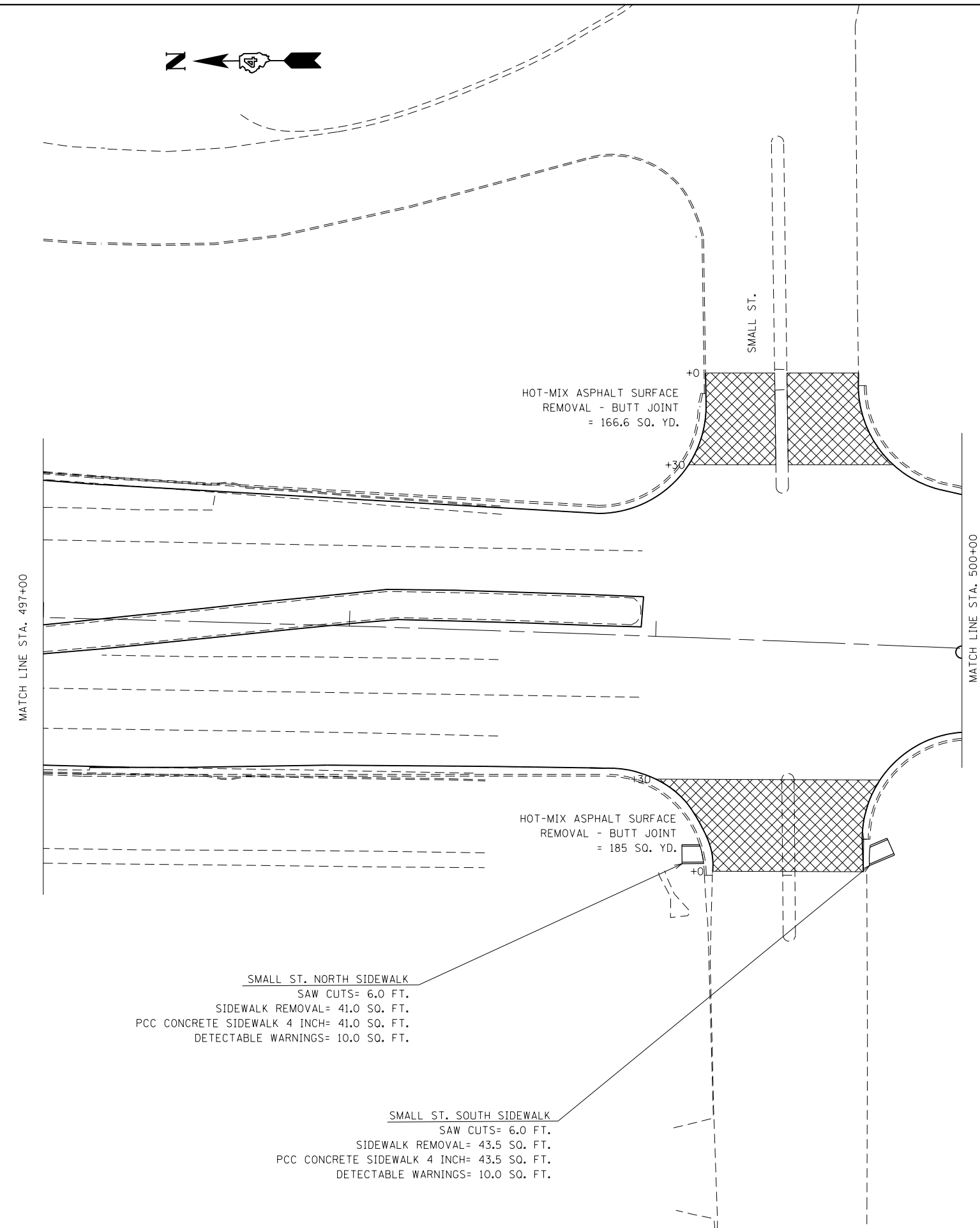
**GENERAL PLAN SHEET
SHEET 15 OF 17**

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

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 34
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SHOULDERS
	INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT
	HMA SURFACE REMOVAL VARIABLE DEPTH



FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 16 OF 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	35
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 500+00





500+00

STA. 503+25 TO 503+55.0
HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT
= 81.3 SQ. YD.

PROJECT ENDS
STA. 502+55

STA. 503+25 TO 503+55.0
HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT
= 126.7 SQ. YD.

HOME BLVD.

LEGEND			
	HMA SHOULDERS		INCIDENTAL HMA
	HMA SURFACE REMOVAL BUTT JOINT		HMA SURFACE REMOVAL VARIABLE DEPTH

FILE NAME = D468B65-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN SHEET
SHEET 17 OF 17**

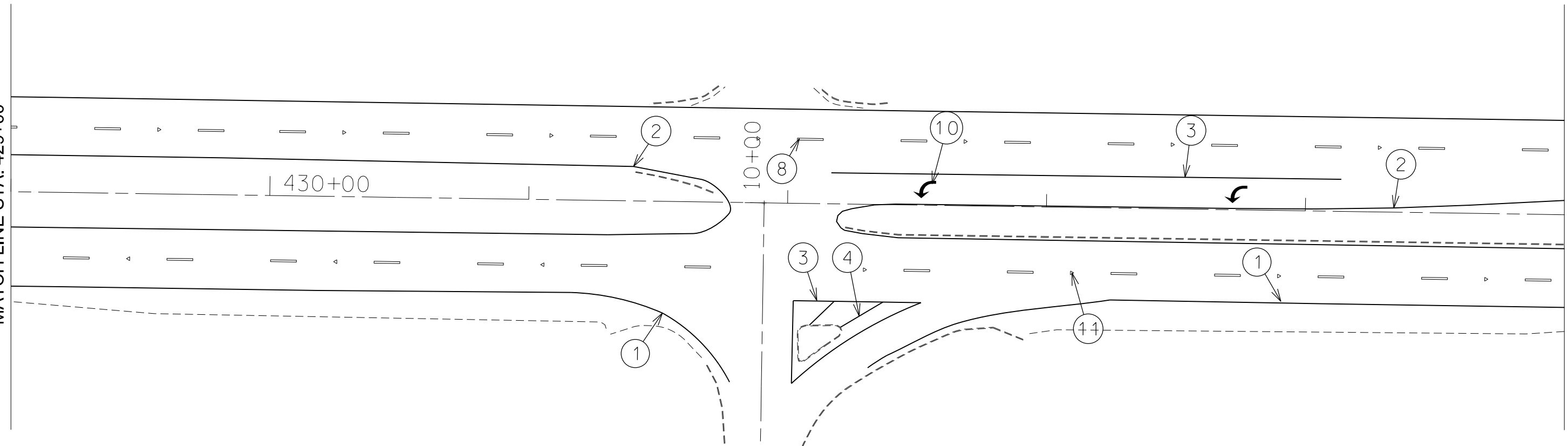
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	36
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 429+00

MATCH LINE STA. 435+00



MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

N. LAKE STOREY RD.

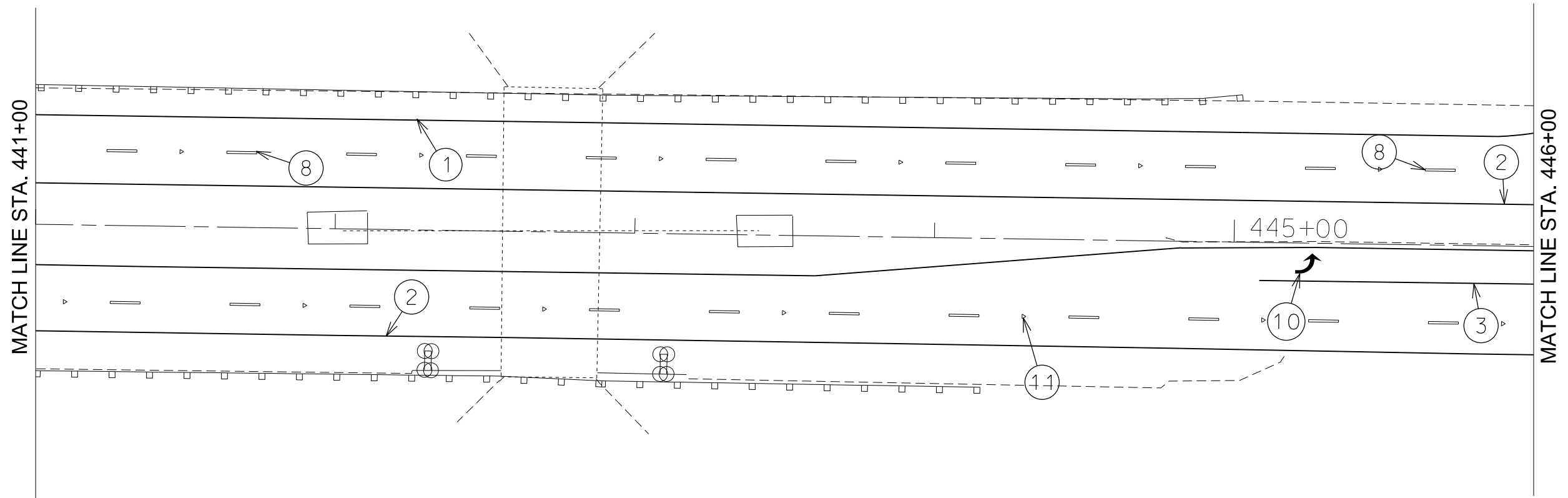
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Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
SHEET 3 OF 16**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 39
CONTRACT NO. 68B65				ILLINOIS FED. AID PROJECT

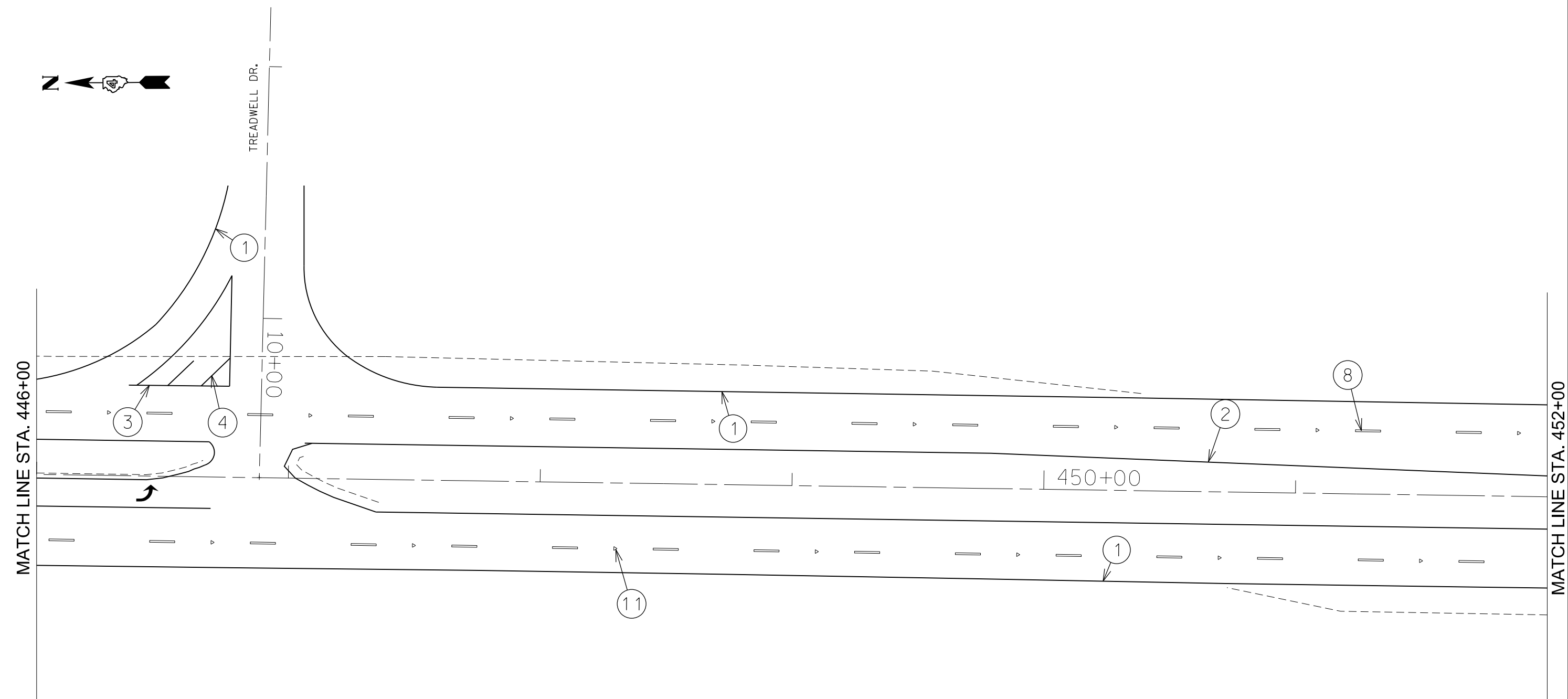


MODIFIED URETHANE PAVEMENT LEGEND

① 4" SOLID (WHITE)	⑦ 4" DOUBLE SOLID (YELLOW)
② 4" SOLID (YELLOW)	⑧ 6" SKIP DASH (WHITE)
③ 8" SOLID (WHITE)	⑨ 8" DOTTED (WHITE)
④ 12" SOLID (WHITE)	⑩ LETTERS AND SYMBOLS (WHITE)
⑤ 12" SOLID (YELLOW)	⑪ RPM's - ONE WAY CRYSTAL MARKER
⑥ 24" SOLID (WHITE)	⑫ RPM's - ONE WAY AMBER MARKER

SEE CADD STANDARD 780001-D4

FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS SHEET 5 OF 16				F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 41
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68B65		
Default	PLOT DATE = 3/20/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

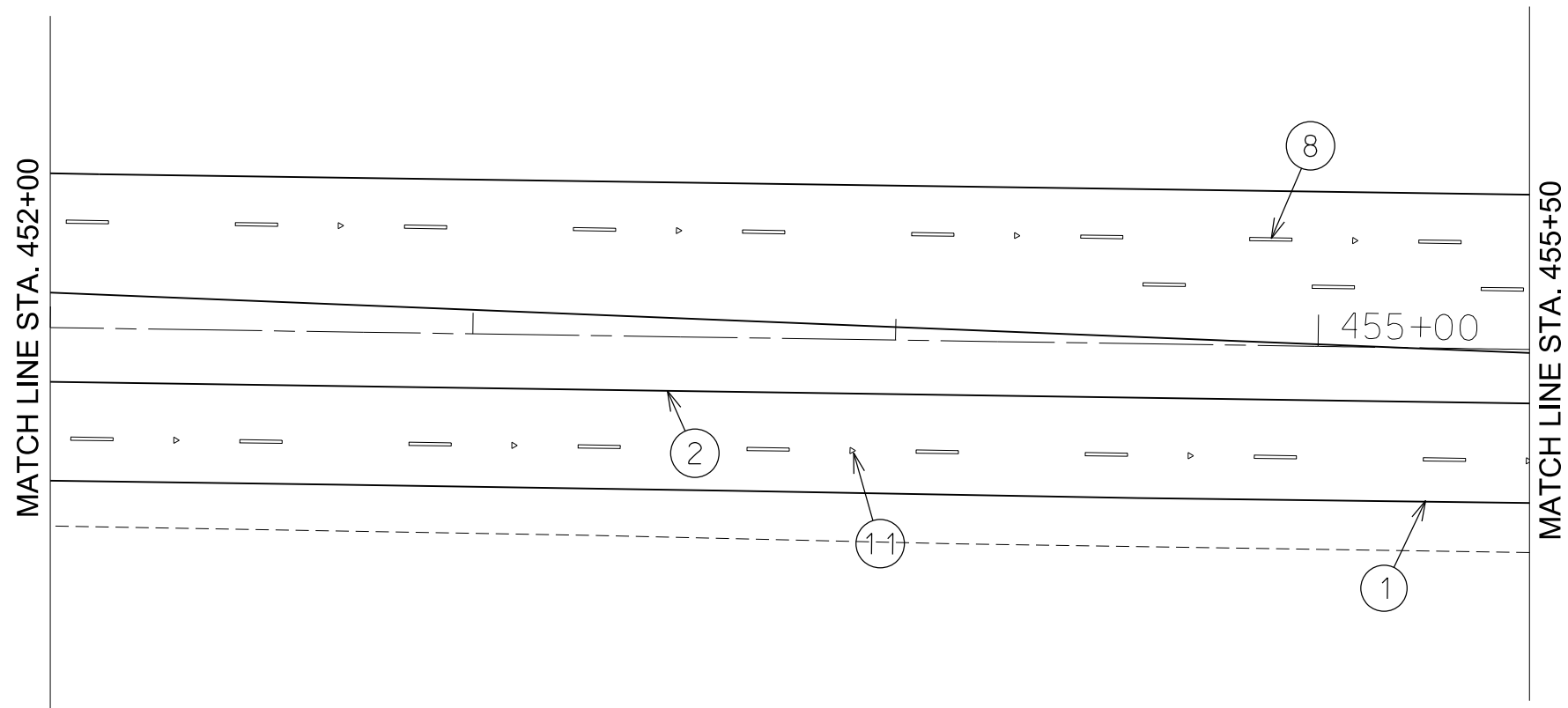
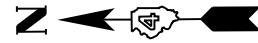


MODIFIED URETHANE PAVEMENT LEGEND

① 4" SOLID (WHITE)	⑦ 4" DOUBLE SOLID (YELLOW)
② 4" SOLID (YELLOW)	⑧ 6" SKIP DASH (WHITE)
③ 8" SOLID (WHITE)	⑨ 8" DOTTED (WHITE)
④ 12" SOLID (WHITE)	⑩ LETTERS AND SYMBOLS (WHITE)
⑤ 12" SOLID (YELLOW)	⑪ RPM's - ONE WAY CRYSTAL MARKER
⑥ 24" SOLID (WHITE)	⑫ RPM's - ONE WAY AMBER MARKER

SEE CADD STANDARD 780001-D4

FILE NAME = D468B65-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS SHEET 6 OF 16				F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 42
	Default	PLOT SCALE = 48.0000' / in.	CHECKED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68B65	
	PLOT DATE = 3/20/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

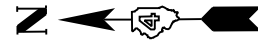
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
SHEET 7 OF 16

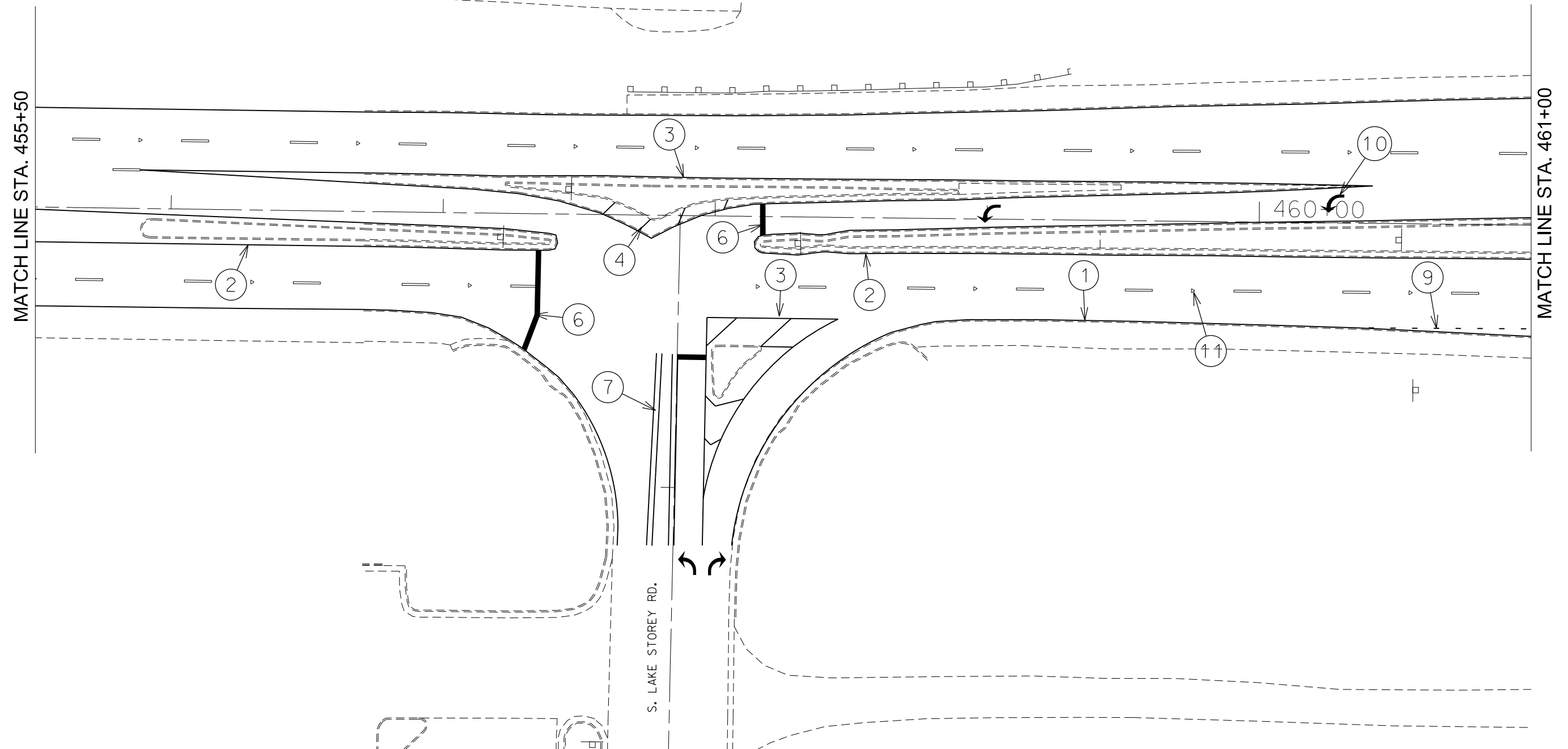
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	43
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MODIFIED URETHANE PAVEMENT LEGEND			
①	4" SOLID (WHITE)	⑦	4" DOUBLE SOLID (YELLOW)
②	4" SOLID (YELLOW)	⑧	6" SKIP DASH (WHITE)
③	8" SOLID (WHITE)	⑨	8" DOTTED (WHITE)
④	12" SOLID (WHITE)	⑩	LETTERS AND SYMBOLS (WHITE)
⑤	12" SOLID (YELLOW)	⑪	RPM's - ONE WAY CRYSTAL MARKER
⑥	24" SOLID (WHITE)	⑫	RPM's - ONE WAY AMBER MARKER

SEE CADD STANDARD 780001-D4



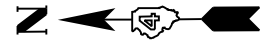
FILE NAME = D468865-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT SCALE = 40.0000' / in.		
	PLOT DATE = 3/20/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
SHEET 8 OF 16**

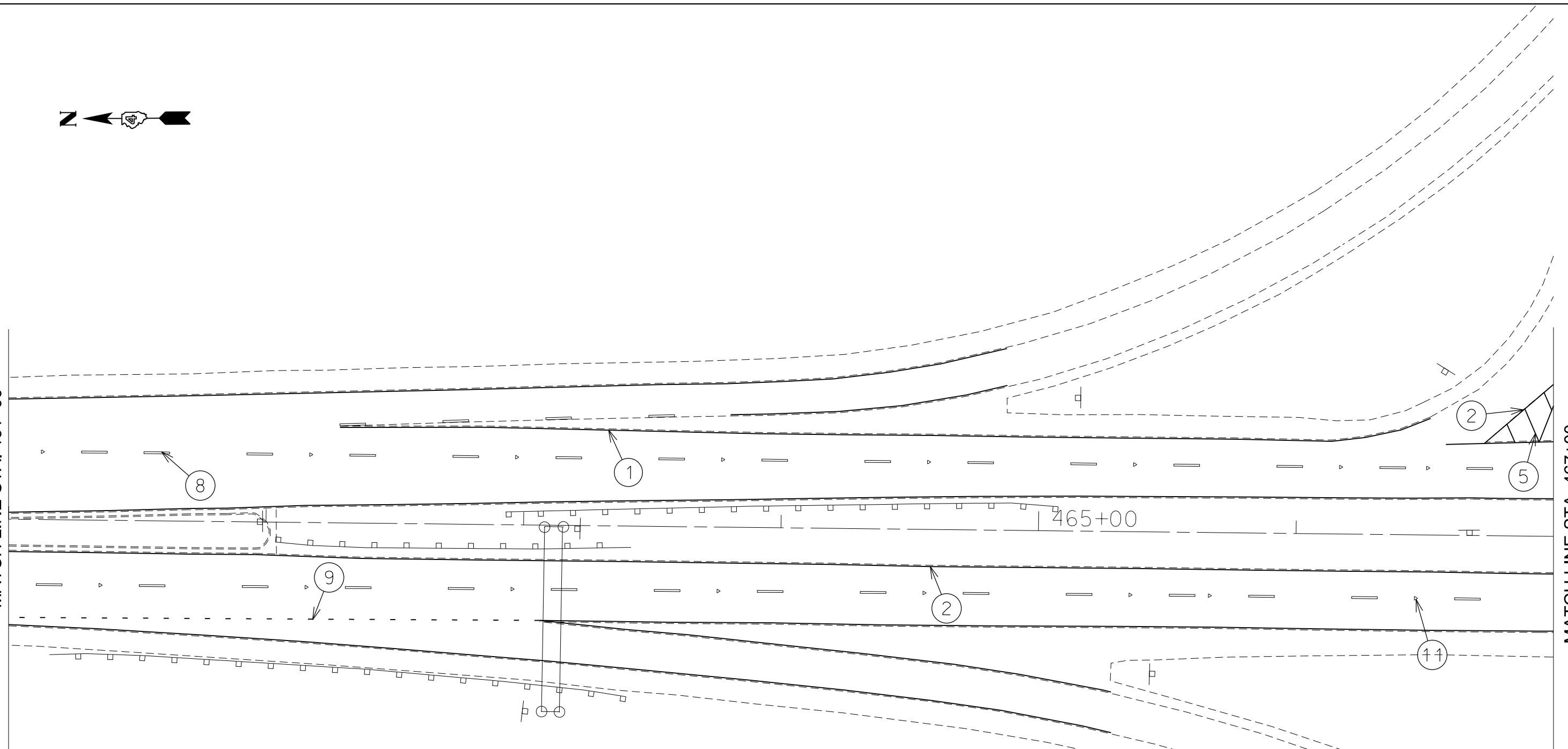
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	44
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 461+00

MATCH LINE STA. 467+00



MODIFIED URETHANE PAVEMENT LEGEND			
①	4" SOLID (WHITE)	⑦	4" DOUBLE SOLID (YELLOW)
②	4" SOLID (YELLOW)	⑧	6" SKIP DASH (WHITE)
③	8" SOLID (WHITE)	⑨	8" DOTTED (WHITE)
④	12" SOLID (WHITE)	⑩	LETTERS AND SYMBOLS (WHITE)
⑤	12" SOLID (YELLOW)	⑪	RPM's - ONE WAY CRYSTAL MARKER
⑥	24" SOLID (WHITE)	⑫	RPM's - ONE WAY AMBER MARKER

SEE CADD STANDARD 780001-D4

FILE NAME = D468B65-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

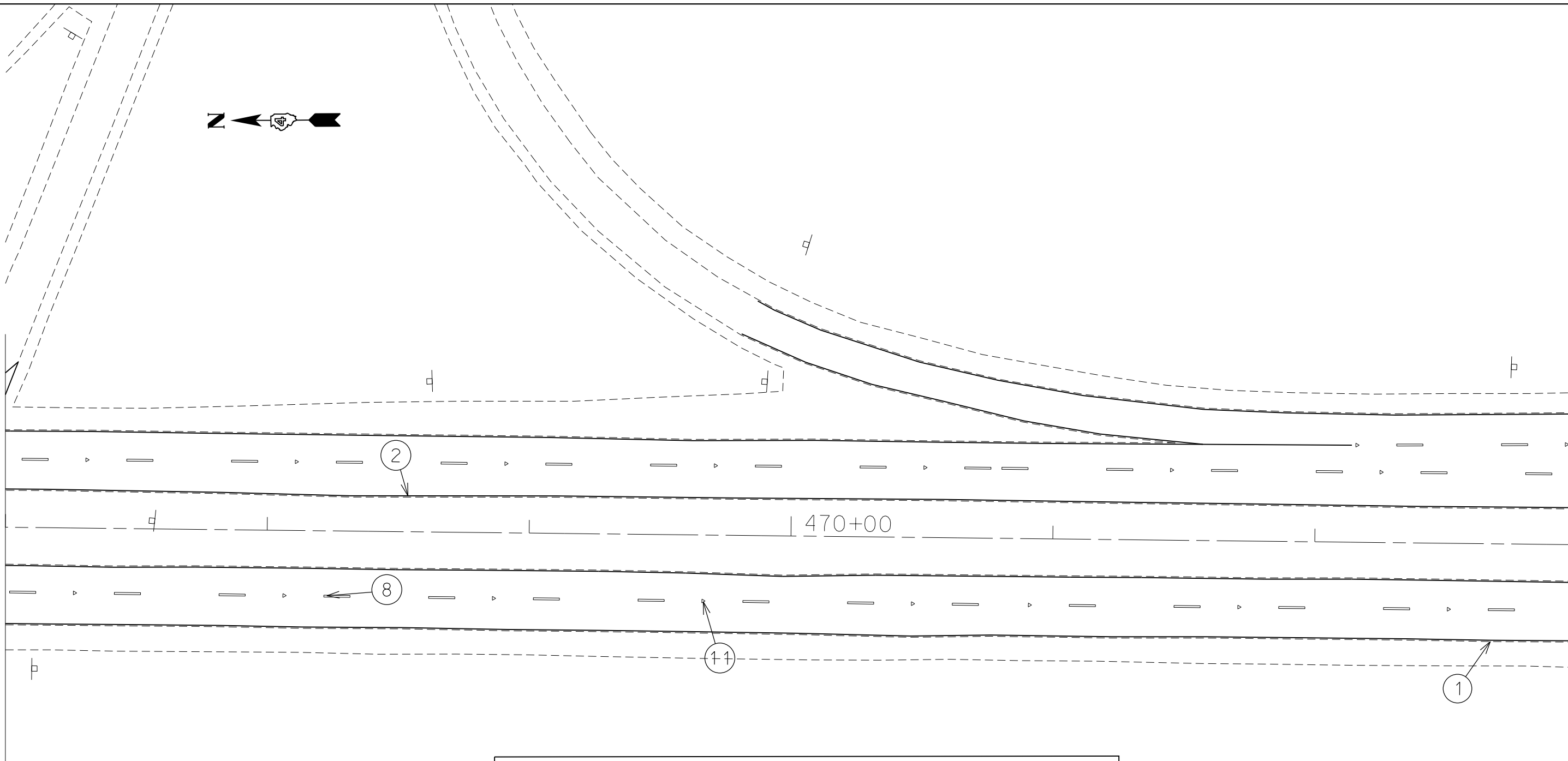
PROPOSED PAVEMENT MARKINGS			
SHEET 9 OF 16			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	45
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 467+00

MATCH LINE STA. 473+00



MODIFIED URETHANE PAVEMENT LEGEND			
①	4" SOLID (WHITE)	⑦	4" DOUBLE SOLID (YELLOW)
②	4" SOLID (YELLOW)	⑧	6" SKIP DASH (WHITE)
③	8" SOLID (WHITE)	⑨	8" DOTTED (WHITE)
④	12" SOLID (WHITE)	⑩	LETTERS AND SYMBOLS (WHITE)
⑤	12" SOLID (YELLOW)	⑪	RPM's - ONE WAY CRYSTAL MARKER
⑥	24" SOLID (WHITE)	⑫	RPM's - ONE WAY AMBER MARKER

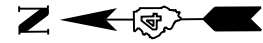
SEE CADD STANDARD 780001-D4

FILE NAME = D468B65-sh1-plan.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS			
SHEET 10 OF 16			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	46
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 473+00

MATCH LINE STA. 479+00

475+00

MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

FILE NAME =
D468B65-sh1-plan.dgn
Default

USER NAME = aubreys
DESIGNED -
DRAWN -
PLOT SCALE = 48.0000' / in.
CHECKED -
DATE -
PLOT DATE = 3/20/2014

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
SHEET 11 OF 16

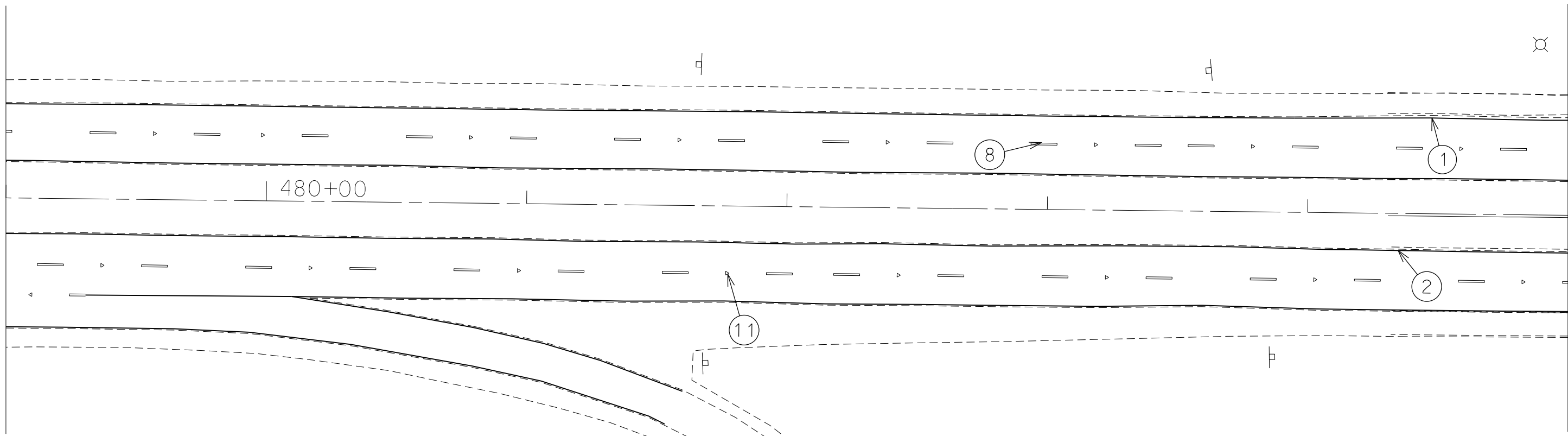
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	47
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 479+00

MATCH LINE STA. 485+00



MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

FILE NAME = D468B65-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
SHEET 12 OF 16**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	48
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 485+00

MATCH LINE STA. 491+00

485+00

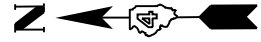
490+00

MODIFIED URETHANE PAVEMENT LEGEND			
①	4" SOLID (WHITE)	⑦	4" DOUBLE SOLID (YELLOW)
②	4" SOLID (YELLOW)	⑧	6" SKIP DASH (WHITE)
③	8" SOLID (WHITE)	⑨	8" DOTTED (WHITE)
④	12" SOLID (WHITE)	⑩	LETTERS AND SYMBOLS (WHITE)
⑤	12" SOLID (YELLOW)	⑪	RPM's - ONE WAY CRYSTAL MARKER
⑥	24" SOLID (WHITE)	⑫	RPM's - ONE WAY AMBER MARKER

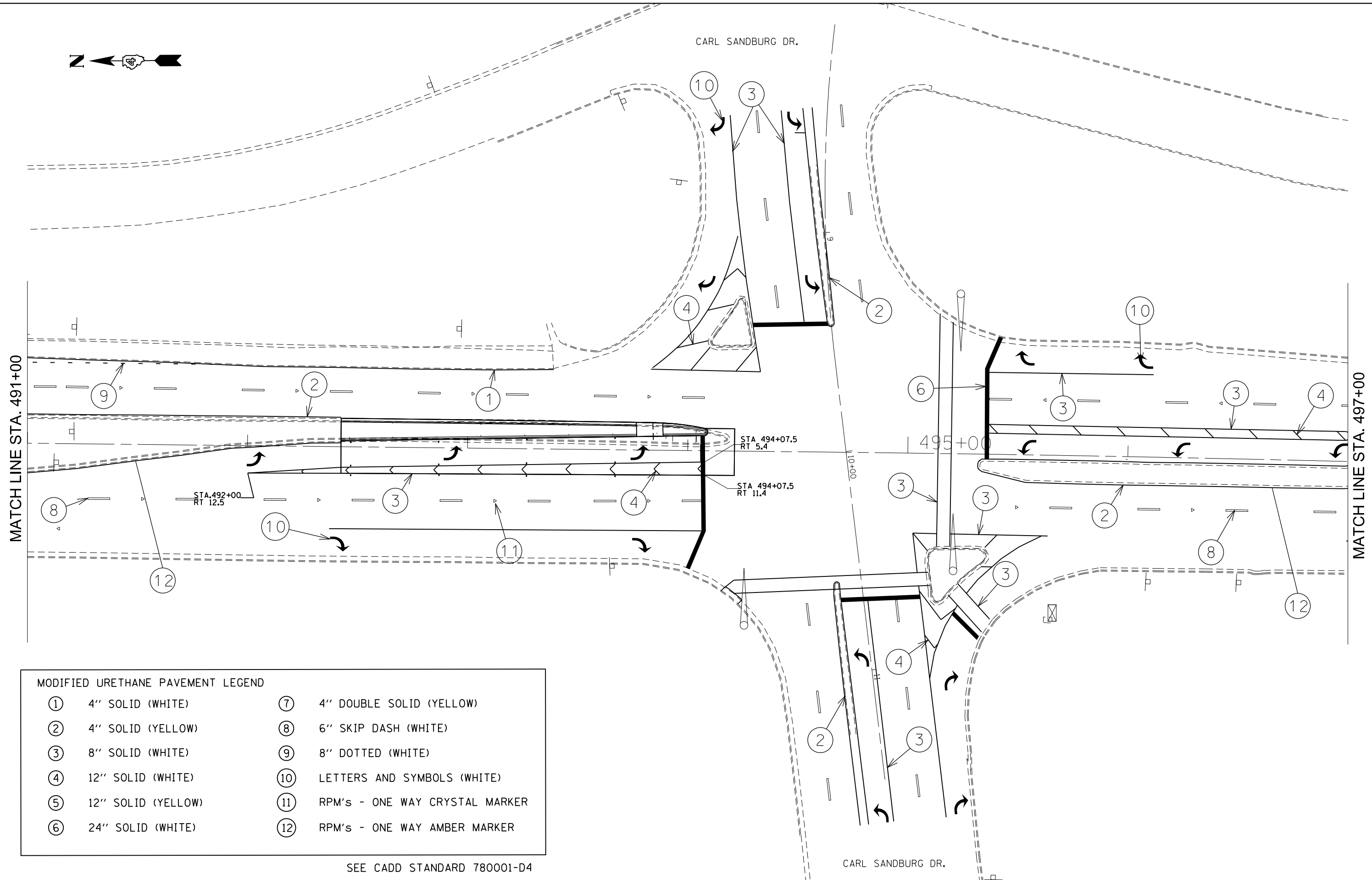
SEE CADD STANDARD 780001-D4

FILE NAME = D468B65-sht-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS SHEET 13 OF 16				F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 49
	Default	PLOT SCALE = 40.0000' / in.	CHECKED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/20/2014	DATE -	REVISED -										

(TEL)



CARL SANDBURG DR.



MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

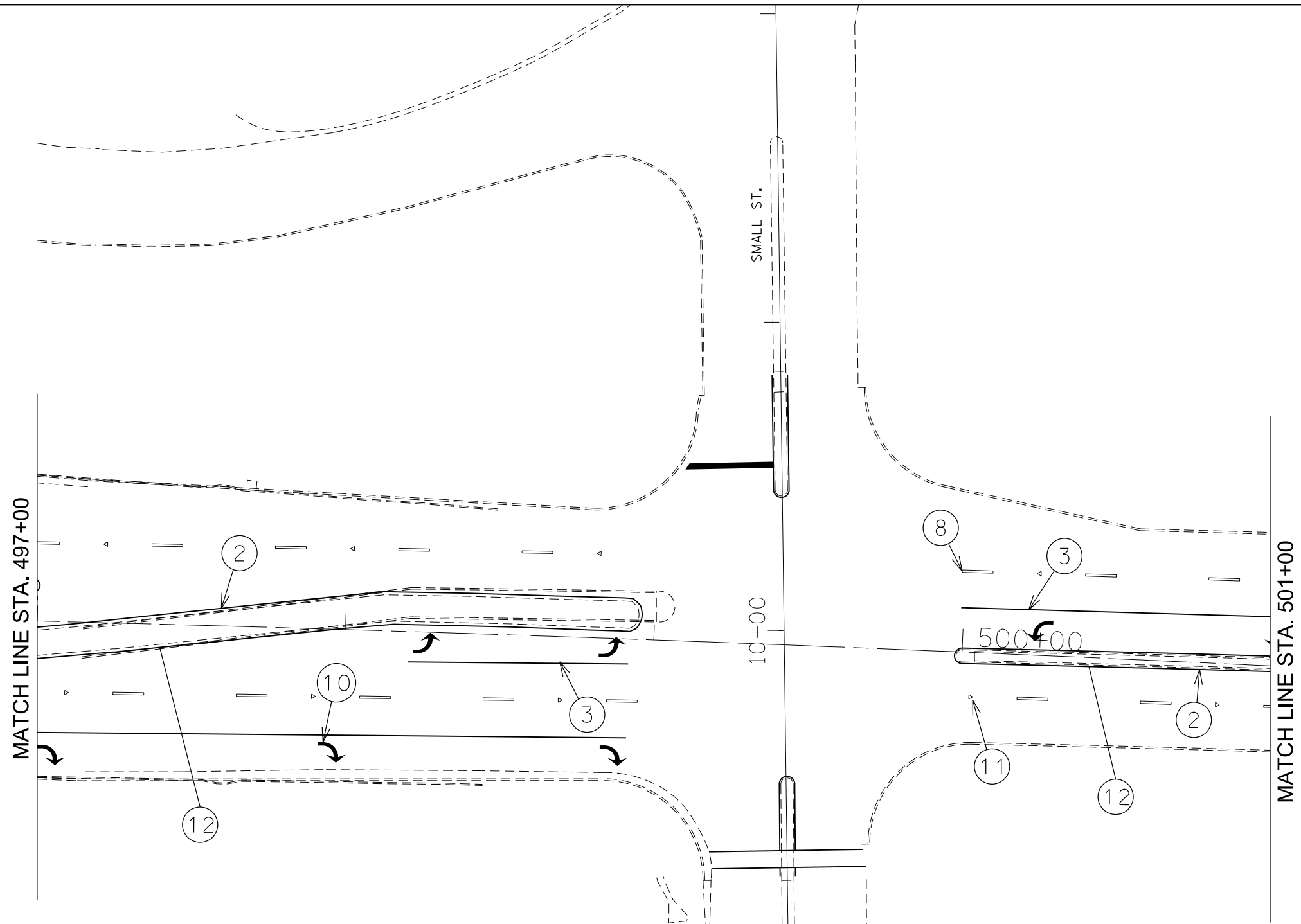
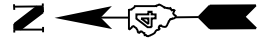
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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
SHEET 14 OF 16

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	50
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MODIFIED URETHANE PAVEMENT LEGEND			
①	4" SOLID (WHITE)	⑦	4" DOUBLE SOLID (YELLOW)
②	4" SOLID (YELLOW)	⑧	6" SKIP DASH (WHITE)
③	8" SOLID (WHITE)	⑨	8" DOTTED (WHITE)
④	12" SOLID (WHITE)	⑩	LETTERS AND SYMBOLS (WHITE)
⑤	12" SOLID (YELLOW)	⑪	RPM's - ONE WAY CRYSTAL MARKER
⑥	24" SOLID (WHITE)	⑫	RPM's - ONE WAY AMBER MARKER

SEE CADD STANDARD 780001-D4

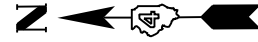
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	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
SHEET 15 OF 16

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	51
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 501+00

HOME BLVD.

10+00

Project Ends:
Sta.502+55

MODIFIED URETHANE PAVEMENT LEGEND

- | | |
|----------------------|----------------------------------|
| ① 4" SOLID (WHITE) | ⑦ 4" DOUBLE SOLID (YELLOW) |
| ② 4" SOLID (YELLOW) | ⑧ 6" SKIP DASH (WHITE) |
| ③ 8" SOLID (WHITE) | ⑨ 8" DOTTED (WHITE) |
| ④ 12" SOLID (WHITE) | ⑩ LETTERS AND SYMBOLS (WHITE) |
| ⑤ 12" SOLID (YELLOW) | ⑪ RPM's - ONE WAY CRYSTAL MARKER |
| ⑥ 24" SOLID (WHITE) | ⑫ RPM's - ONE WAY AMBER MARKER |

SEE CADD STANDARD 780001-D4

FILE NAME = D468865-sh1-plan.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/20/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
SHEET 16 OF 16

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	52
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES

1. DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3. ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES.
4. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
6. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.

CONSTRUCTION NOTES

1. EXISTING UTILITY LOCATION INFORMATION IS NOT SHOWN ON THE PLAN SHEETS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO COMMENCING WORK ON THE PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
3. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
4. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03 UNLESS SPECIFIED OTHERWISE.
5. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
6. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
7. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT.
8. POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
9. REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, PAVEMENT, AND ISLANDS FOR UTILITY LOCATING PURPOSES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
10. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUIT.
12. THE CONTRACTOR SHALL INSTALL A #12 (XLP-TYPE USE) TRACER WIRE ALONG WITH THE FIBER OPTIC CABLE FOR LOCATING PURPOSES. THE TRACER WIRE SHALL BE CONTINUOUS AND BE ACCESSIBLE FROM THE OUTSIDE OF THE COMMUNICATION VAULTS. THE COST OF FURNISHING AND INSTALLING THE TRACER WIRE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE FIBER OPTIC CABLE IN CONDUIT PAY ITEM.
13. THE CONTRACTOR SHALL TERMINATE 12 MULTIMODE AND 12 SINGLE MODE FIBERS FROM EACH CABLE END IN THE EXISTING TRAFFIC SIGNAL CABINETS AT CARL SANDBURG AND LAKE STORY ROAD.
14. THE CONTRACTOR SHALL RESTORE A DISTURBED AREAS BY GRADING AND SEEDING. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE PROPOSED CONDUIT.
15. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
16. ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK WILL BE PAID FOR UNDER THE PAY ITEM FOR "ADJUST EXISTING DETECTOR LOOP RISER".
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERDRAIN CLEANOUTS AND REPAIRING ANY DAMAGE DONE TO ROADWAY UNDERDRAINS THAT OCCURS DURING CONDUIT INSTALLATION.
18. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
19. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
20. THE LOCATIONS FOR COMMUNICATION VAULTS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
21. THE COMMUNICATION VAULT SHALL BE INSTALLED SO THAT THE TOP OF THE VAULT WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.

FIBER OPTIC SLACK CABLE QUANTITIES
CONTROLLER CABINETS: 10 FT.
HANDHOLES: 10 FT.
DOUBLE HANDHOLES: 30 FT.
COMMUNICATION VAULTS: 30 FT.

SCHEDULE OF QUANTITIES - TRAFFIC SIGNALS

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3552.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4178.0
DRILL EXISTING HANDHOLE	EACH	2.0
DETECTOR LOOP, TYPE I	FOOT	2190.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	11.0
COMMUNICATIONS VAULT	EACH	2.0

FILE NAME = 68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn	USER NAME = keithbr	DESIGNED - _____	REVISED - _____
PLOT SCALE = 53.3817 ' / in.	CHECKED - _____	REVISOR - _____	DATE - _____
PLOT DATE = 3/20/2014	DATE - _____	REVISOR - _____	DATE - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CONSTRUCTION NOTES
AND SCHEDULE OF QUANTITIES**

SCALE: _____ SIGNALS: SHEET NO. 1 OF 7 STA. _____ TO STA. _____

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 53
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



**DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE
US 150 (HENDERSON) & CARL SANDBURG DRIVE**

DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-1	6' X 50' QUAD (EX)	162	8	1
D-2A	6' X 6' (EX)	24	15	2
D-2B	6' X 6' (EX)	24	15	2
D-2C	6' X 6' (EX)	24	8	2
D-3	6' X 50' QUAD (EX)	132	30	3
D-4A	6' X 50' QUAD (EX)	162	15	4
D-4B	6' X 50' QUAD (EX)	162	8	4
D-5	6' X 50' QUAD (EX)	162	8	5
D-6A	6' X 6' (EX)	24	15	6
D-6B	6' X 6' (EX)	24	15	6
D-6C	6' X 6' (EX)	24	8	6
D-7	6' X 50' QUAD (EX)	162	30	7
D-8A	6' X 23' (EX)	81	15	8
D-8B	6' X 23' (EX)	81	8	8
D-8C	6' X 10' (EX)	42	15	8
D-8D	6' X 10' (EX)	42	8	8
TOTAL:		1332	221	

ADJUST EXISTING DETECTOR LOOP RISERS - QTY. 6 (D1), (D2ABC), (D3,D8ABCD), (D5), (D6ABC), (D7, D4AB)



**DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE
US 150 (HENDERSON) & LAKE STORY ROAD**

DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-1A	6' X 6' QUAD (EX)	24	10	1
D-1B	6' X 50' QUAD (EX)	162	18	1
D-2A	6' X 6' (EX)	24	15	2
D-2B	6' X 6' (EX)	24	8	2
D-8A	6' X 6' QUAD (EX)	24	8	8
D-8B	6' X 50' QUAD (EX)	162	8	8
D-8C	6' X 10' (EX)	32	8	8
TOTAL:		452	75	

ADJUST EXISTING DETECTOR LOOP RISERS - QTY. 4 (D1AB), (D2AB), (D8AB), (D8C)

**DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE
US 150 (HENDERSON) & HOME BLVD.**

DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE
D-2A	6' X 6' (EX)	24	15	2
D-2B	6' X 6' (EX)	24	15	2
D-2C	6' X 6' (EX)	24	8	2
TOTAL:		72	38	

ADJUST EXISTING DETECTOR LOOP RISERS - QTY. 1 (D2ABC)

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE I	FOOT	2190.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	11.0

- TRAFFIC SIGNAL LEGEND**
- EX. LOOP RISER TO BE ADJUSTED
 - ▭ EX. DETECTOR LOOP (QUADRAPOLE)
 - EX. DETECTOR LOOP

FILE NAME = 68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
PLOT SCALE = 53.3817' / 1" IN.	CHECKED -	REVISOR -	REVISOR -
PLOT DATE = 3/20/2014	DATE -	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DETECTOR LOOP REPLACEMENT LOCATIONS
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 2 OF 7 STA. _____ TO STA. _____

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 54
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS

UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	408.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	881.0
DRILL EXISTING HANDHOLE	EACH	1.0

FILE NAME = 68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn	USER NAME = keithbr	DESIGNED - _____	REVISED - _____
		DRAWN - _____	REVISED - _____
	PLOT SCALE = 53.3817 ' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 3/20/2014	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FIBER OPTIC INTERCONNECT
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 3 OF 7 STA. _____ TO STA. _____

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 55
CONTRACT NO. 68B65				ILLINOIS FED. AID PROJECT



TRAFFIC SIGNAL LEGEND

- EX. CONTROLLER CABINET
- EX. DOUBLE HANDHOLE
- EX. HANDHOLE
- EX. CONDUIT
- PROP. CONDUIT, 2" PVC
- PROP. COMMUNICATIONS VAULT

BILL OF MATERIALS		
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	844.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	874.0
COMMUNICATIONS VAULT	EACH	1.0

FILE NAME = 68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn	USER NAME = keathbr	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = 53.3817' / in.	CHECKED - ___	REVISED - ___
	PLOT DATE = 3/20/2014	DATE - ___	REVISED - ___

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FIBER OPTIC INTERCONNECT (CONTINUED)
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 4 OF 7 STA. _____ TO STA. _____

F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 56
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL LEGEND

- EX. CONTROLLER CABINET
- EX. DOUBLE HANDHOLE
- EX. HANDHOLE
- EX. CONDUIT
- PROP. CONDUIT, 2" PVC
- PROP. COMMUNICATIONS VAULT

BILL OF MATERIALS		
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	840.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	840.0

FILE NAME = 68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
PLOT SCALE = 53.3817' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/20/2014	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FIBER OPTIC INTERCONNECT (CONTINUED)
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 5 OF 7 STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	57
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL LEGEND

- EX. CONTROLLER CABINET
- EX. DOUBLE HANDHOLE
- EX. HANDHOLE
- EX. CONDUIT
- PROP. CONDUIT, 2" PVC
- PROP. COMMUNICATIONS VAULT

BILL OF MATERIALS

UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	843.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	873.0
COMMUNICATIONS VAULT	EACH	1.0

FILE NAME =	USER NAME = keathbr	DESIGNED -	REVISD -
68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn		DRAWN -	REVISD -
	PLOT SCALE = 53.3817' / in.	CHECKED -	REVISD -
	PLOT DATE = 3/20/2014	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED FIBER OPTIC INTERCONNECT (CONTINUED)
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 6 OF 7 STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	58
CONTRACT NO. 68B65			ILLINOIS FED. AID PROJECT	



TRAFFIC SIGNAL LEGEND

- EX. CONTROLLER CABINET
- EX. DOUBLE HANDHOLE
- EX. HANDHOLE
- - - - EX. CONDUIT
- — — — PROP. CONDUIT, 2" PVC
- PROP. COMMUNICATIONS VAULT

BILL OF MATERIALS

UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	617.0
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	710.0
DRILL EXISTING HANDHOLE	EACH	1.0

FILE NAME =	USER NAME = keathbr	DESIGNED - ___	REVISED - ___
68B65 - US 150 Galesburg Fiber Interconnect (Final) 3-19-14.dgn		DRAWN - ___	REVISED - ___
	PLOT SCALE = 53.3817 ' / in.	CHECKED - ___	REVISED - ___
	PLOT DATE = 3/20/2014	DATE - ___	REVISED - ___

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

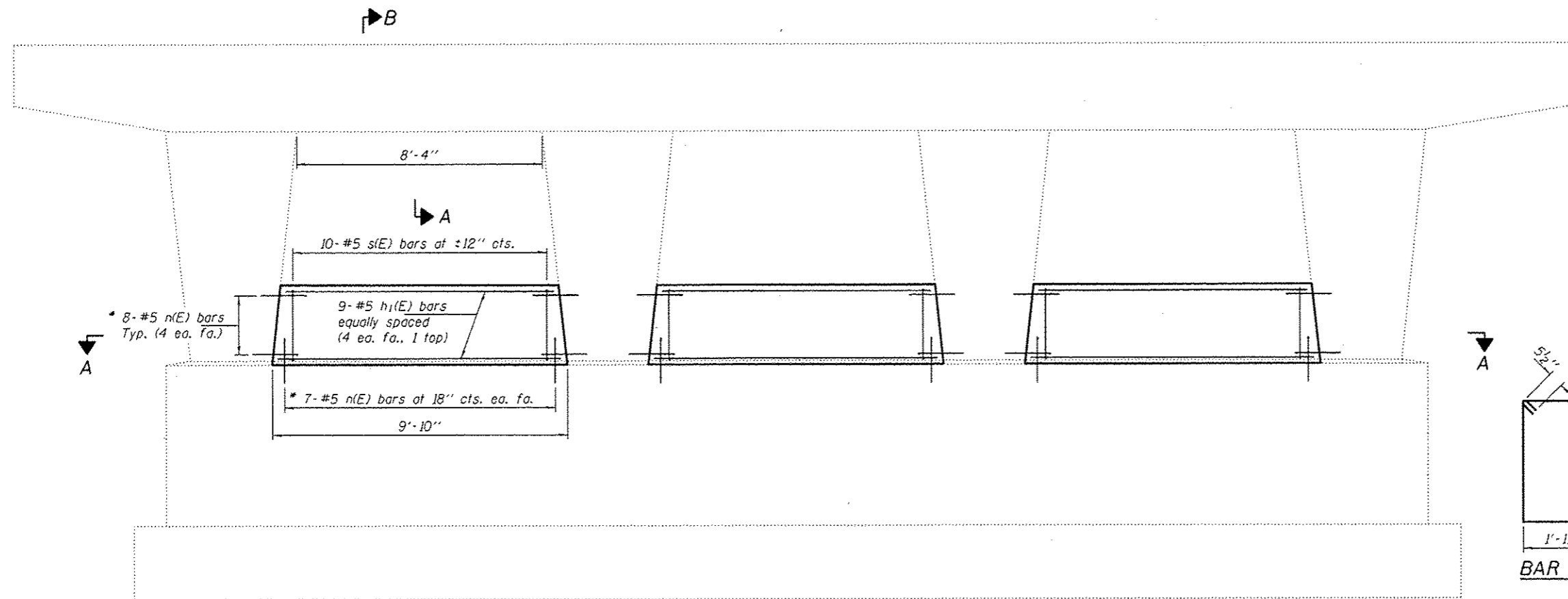
**PROPOSED FIBER OPTIC INTERCONNECT (CONTINUED)
US 150 (HENDERSON STREET) - GALESBURG**

SCALE: _____ SIGNALS: SHEET NO. 7 OF 7 STA. _____ TO STA. _____

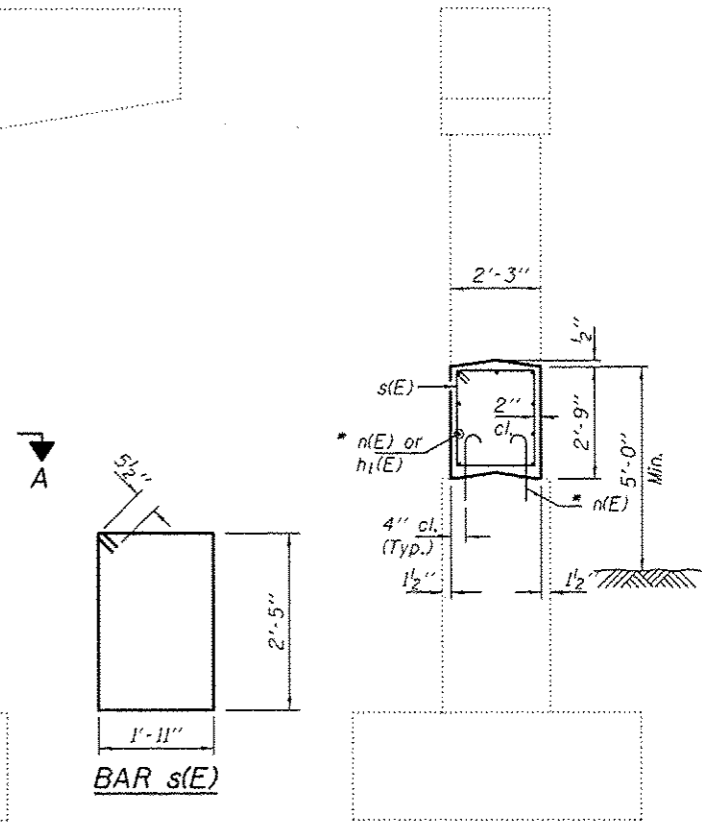
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	59
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				

NOTES

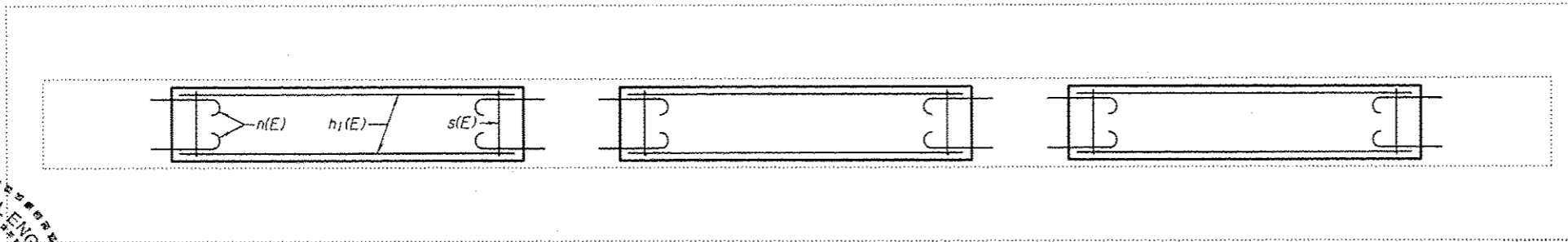
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make 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.
 Reinforcement bars designated (E) shall be epoxy coated.



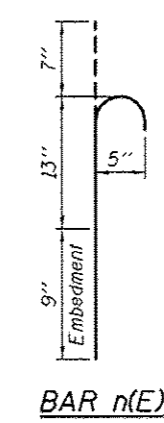
ELEVATION



SECTION B-B



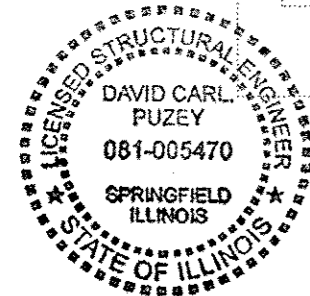
SECTION A-A



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₁ (E)	27	#5	9'-0"	—
n(E)	90	#5	2'-5"	⊂
s(E)	30	#5	9'-7"	□
Concrete Structures			Cu. Yd.	6.7
Reinforcement Bars, Epoxy Coated			Pound	780



DESIGNED: *[Signature]*
 CHECKED: *Victor H. de la Cruz*
 DRAWN: *baliva*
 CHECKED: *[Signature]*

EXAMINED: *[Signature]*
 PASSED: *[Signature]*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - MAY 8, 2014
 REVISED: _____
 REVISED: _____

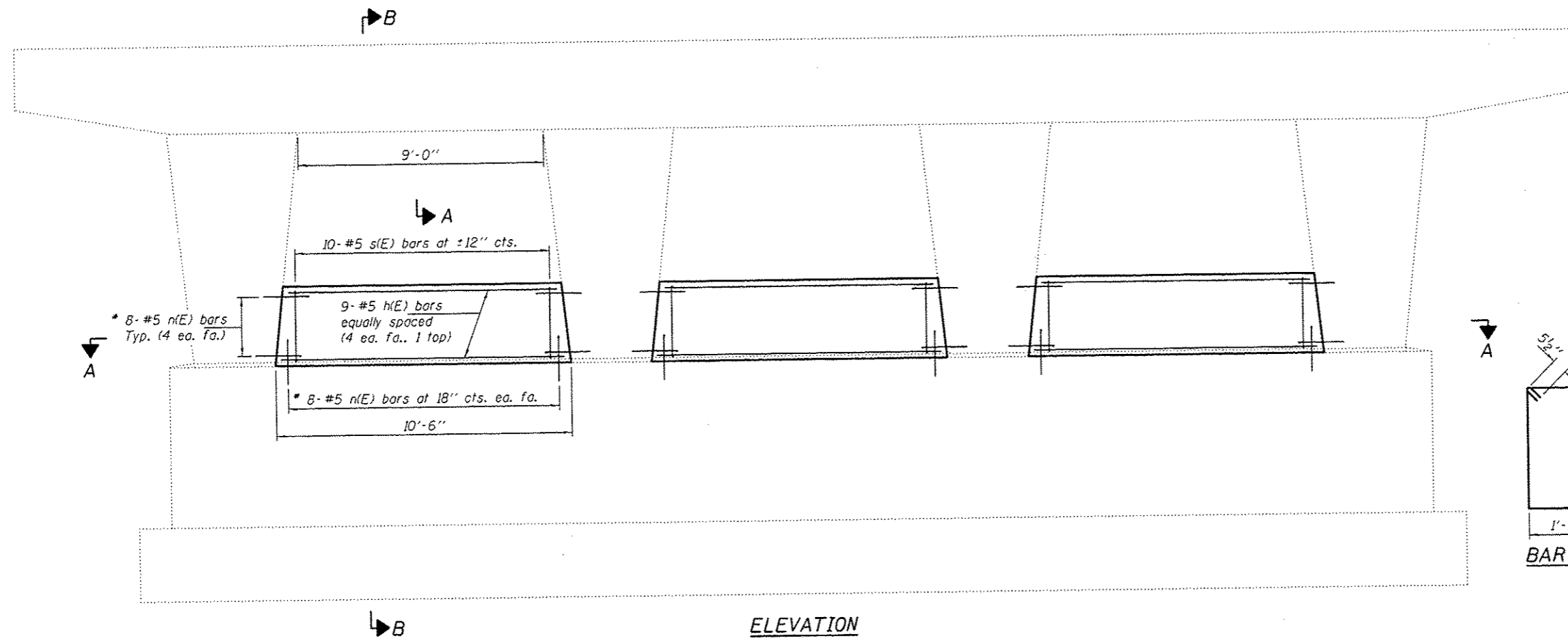
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIER 1 CRASHWALL EXTENSION
 SN 048-0021
 SHEET NO. 1 OF 4 SHEETS

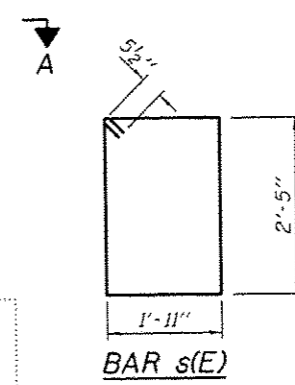
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	60
CONTRACT NO. 68865			ILLINOIS FED. AID PROJECT	

NOTES

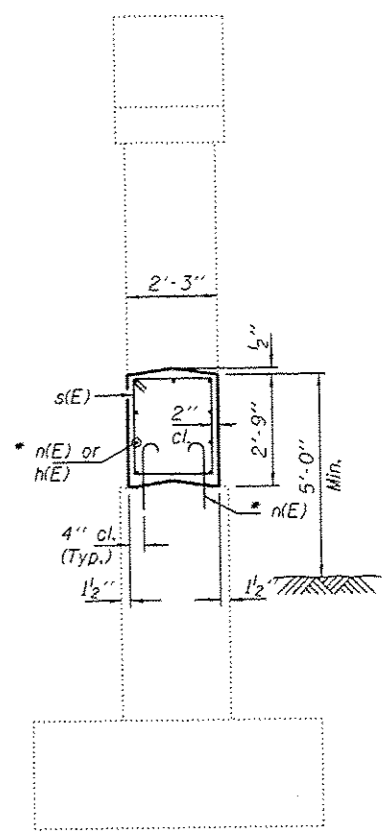
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make 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.
 Reinforcement bars designated (E) shall be epoxy coated.



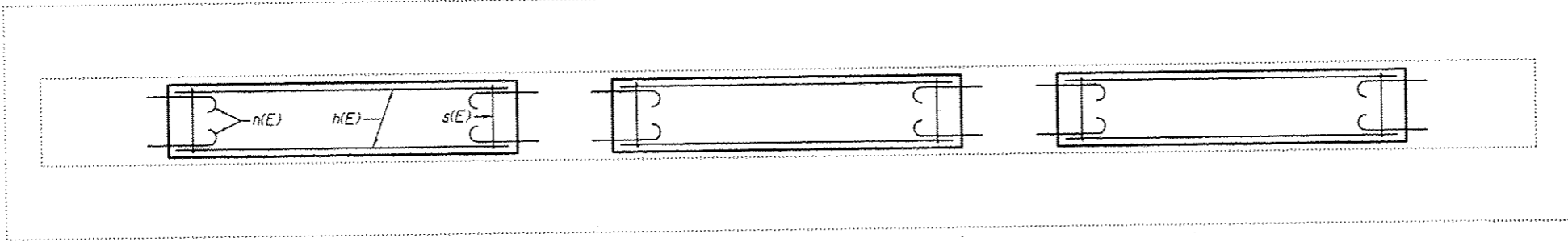
ELEVATION



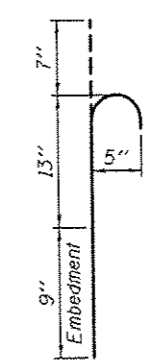
BAR s(E)



SECTION B-B



SECTION A-A



BAR n(E)

* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n(E)	27	#5	9'-9"	—
n(E)	96	#5	2'-5"	—
s(E)	30	#5	9'-7"	□
Concrete Structures			Cu. Yd.	7.2
Reinforcement Bars, Epoxy Coated			Pound	820

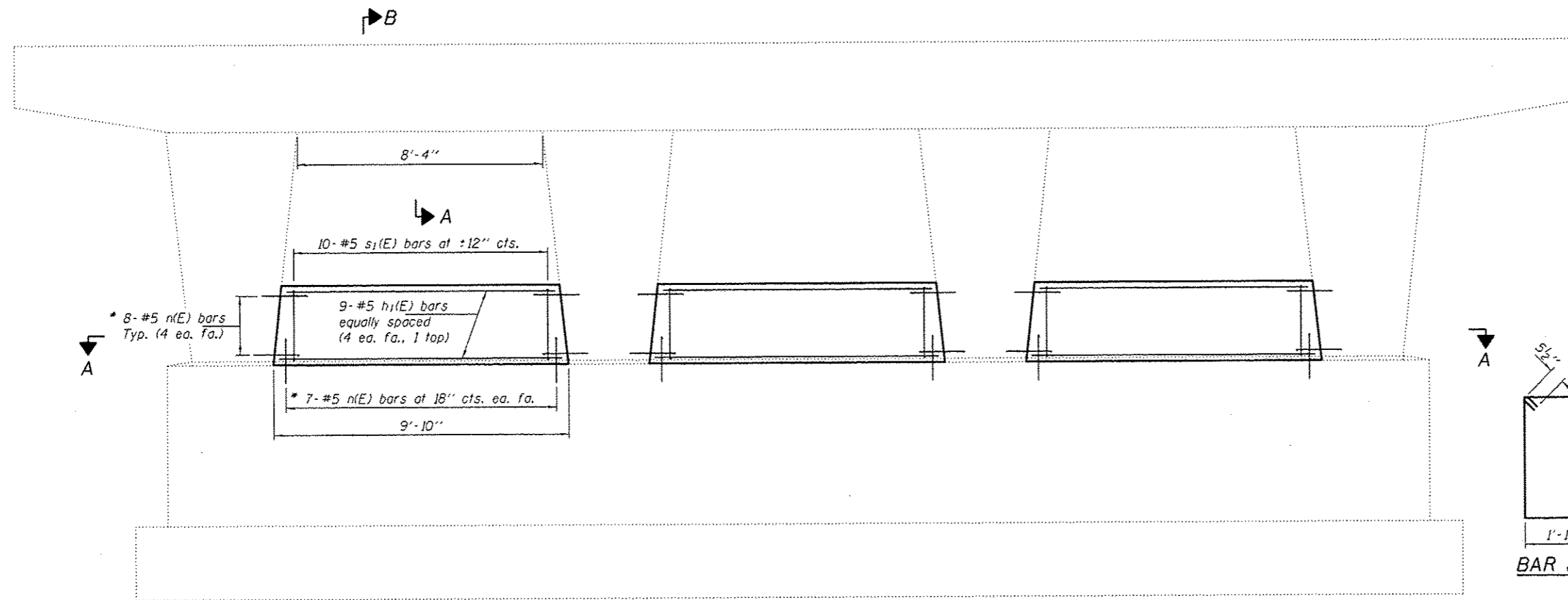
DESIGNED <i>DAB</i>	EXAMINED <i>Timothy A. Anhalt</i>	DATE <i>MAY 6, 2014</i>
CHECKED <i>VHV</i>	PASSED <i>Carl Perry</i>	REVISIONS
DRAWN <i>baliva</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS
CHECKED <i>DAB VHV</i>	ACTING ENGINEER OF STRUCTURAL SERVICES	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

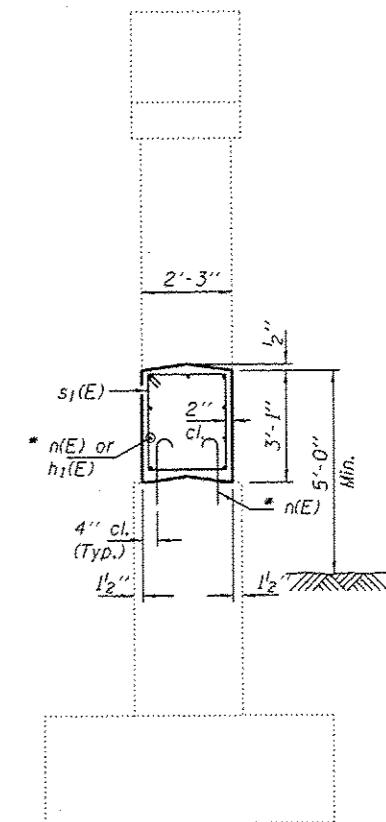
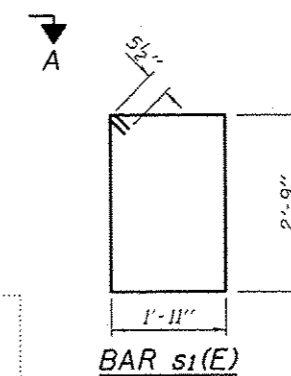
PIER 3 CRASHWALL EXTENSION		F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 61
SHEET NO. 2 OF 4 SHEETS		CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT						

NOTES

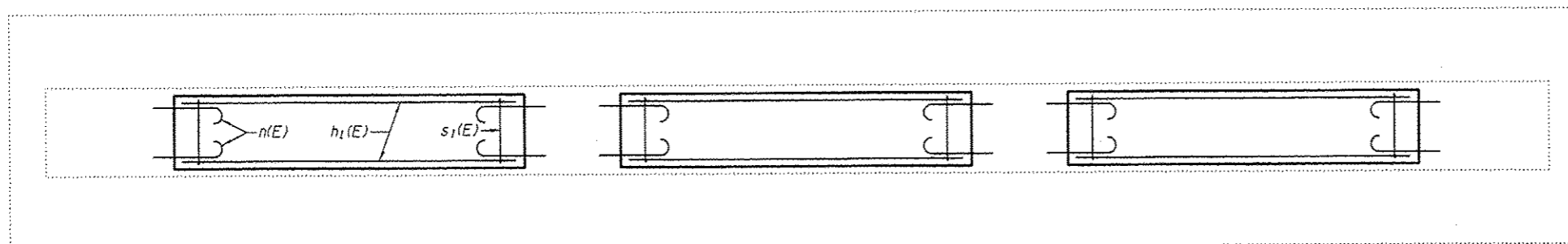
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make 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.
 Reinforcement bars designated (E) shall be epoxy coated.



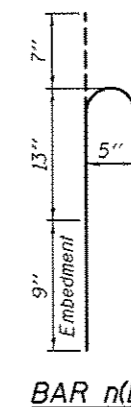
ELEVATION



SECTION B-B



SECTION A-A



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₁ (E)	27	#5	9'-0"	—
n(E)	90	#5	2'-5"	⌋
s ₁ (E)	30	#5	10'-3"	□
Concrete Structures			Cu. Yd.	7.5
Reinforcement Bars, Epoxy Coated			Pound	800

DESIGNED <i>DAB</i>	EXAMINED <i>Timothy A. Daulton</i>	DATE - <i>MAY 8, 2014</i>
CHECKED <i>VHV</i>	PASSED <i>ACTING ENGINEER OF STRUCTURAL SERVICES</i>	REVISED
DRAWN <i>baliva</i>	PASSED <i>ACTING ENGINEER OF BRIDGES AND STRUCTURES</i>	REVISED
CHECKED <i>DAB VHV</i>		

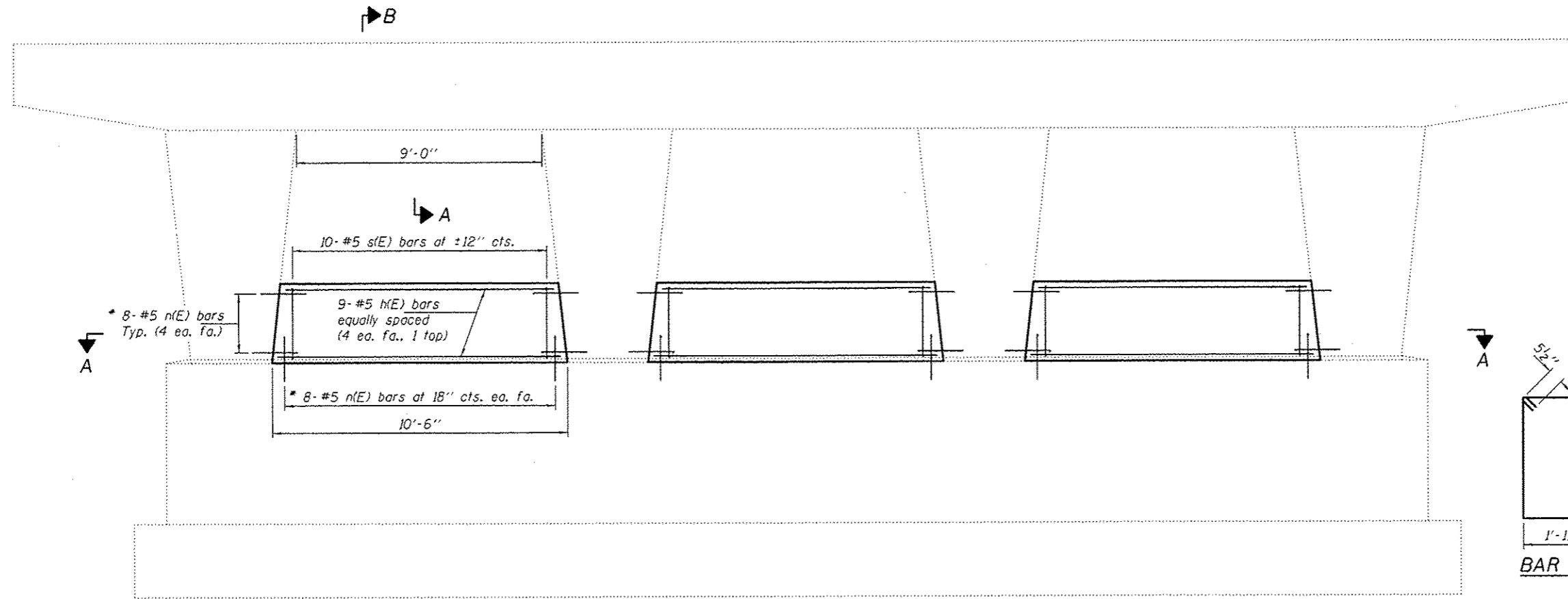
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER 1 CRASHWALL EXTENSION
SN 048-0022**

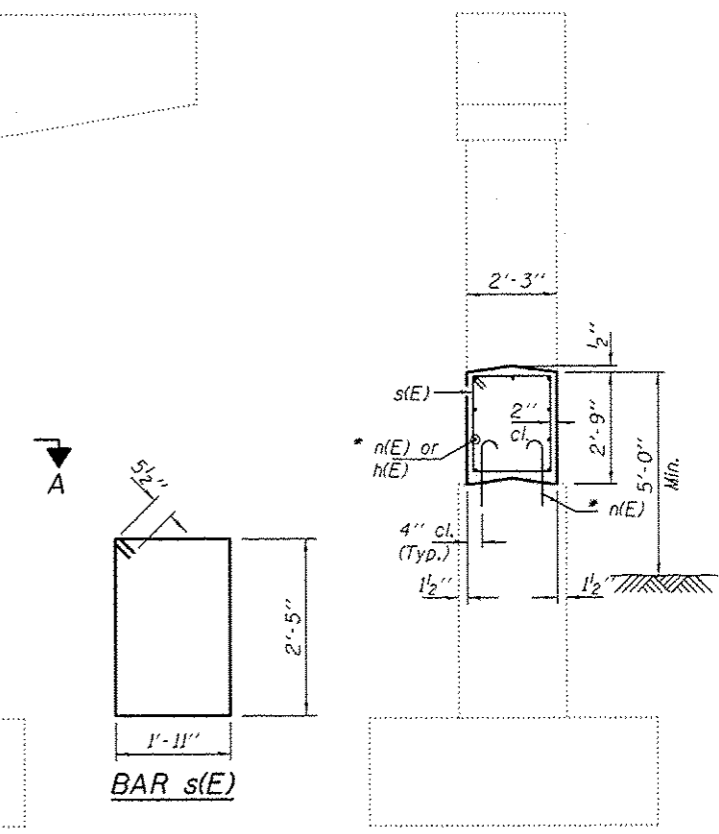
F.A.U. RTE. 6791	SECTION 126RS-4	COUNTY KNOX	TOTAL SHEETS 76	SHEET NO. 62
CONTRACT NO. 68B65			ILLINOIS FED. AID PROJECT	

NOTES

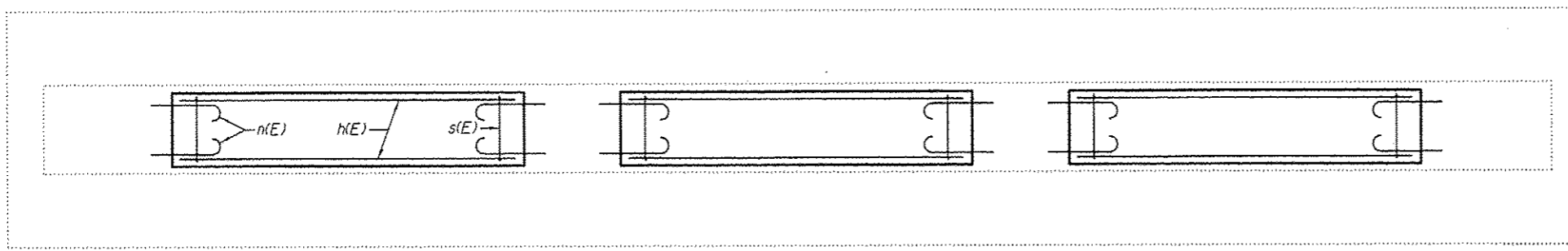
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make 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.
 Reinforcement bars designated (E) shall be epoxy coated.



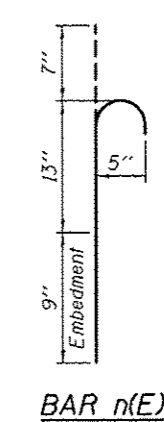
ELEVATION



SECTION B-B



SECTION A-A

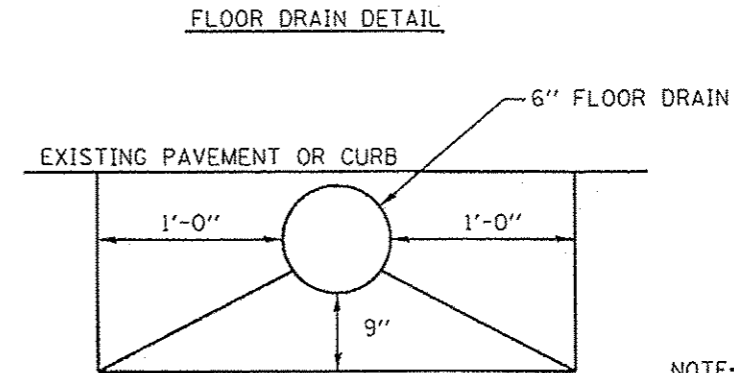
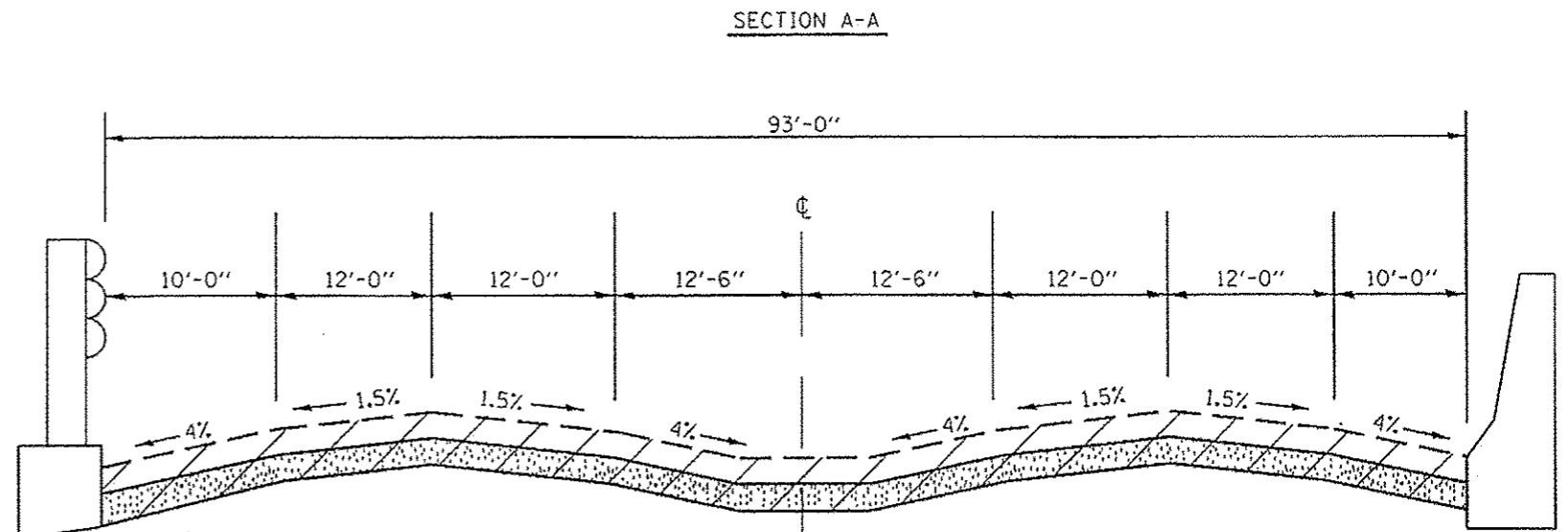
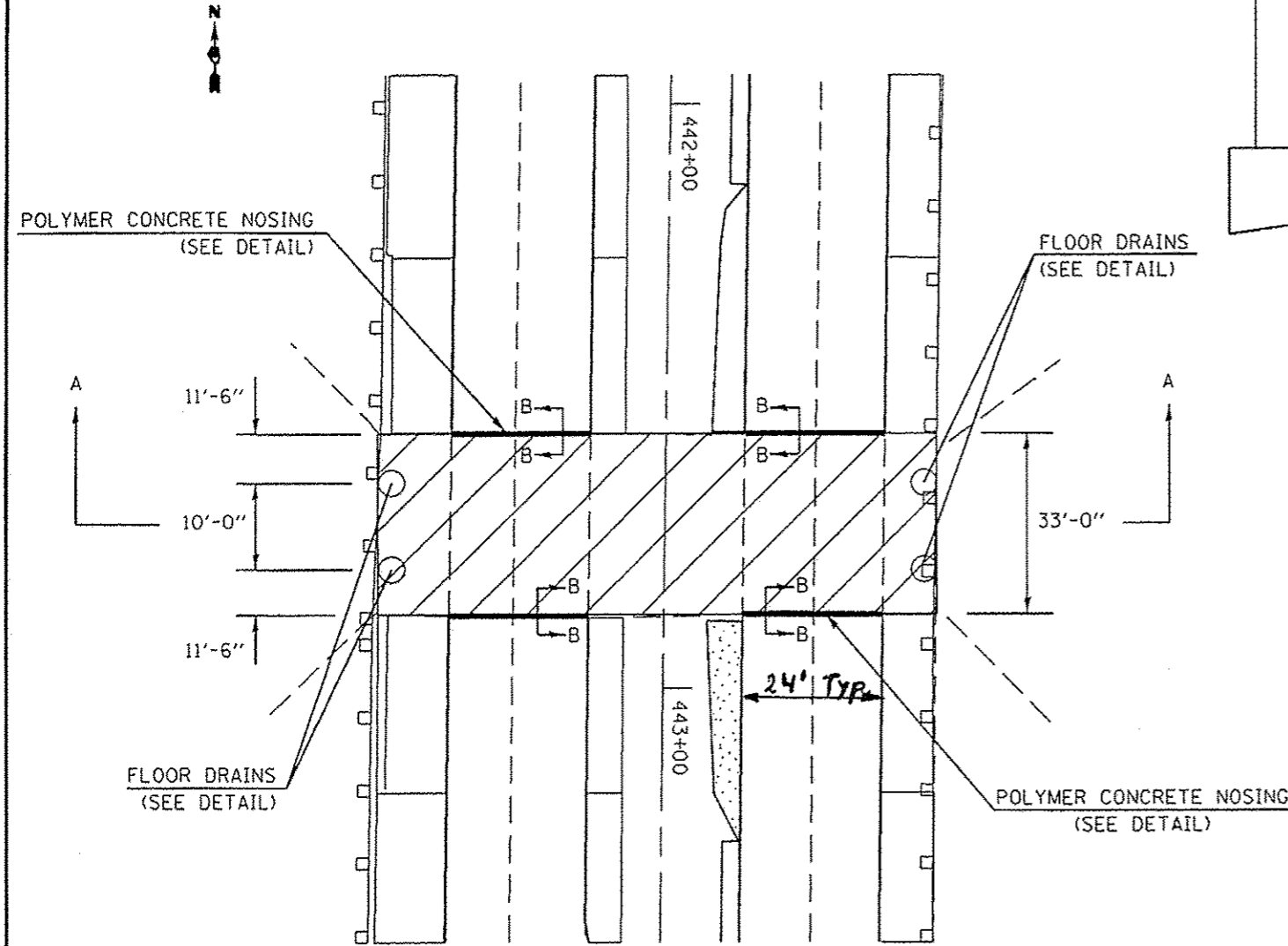


* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

BILL OF MATERIAL

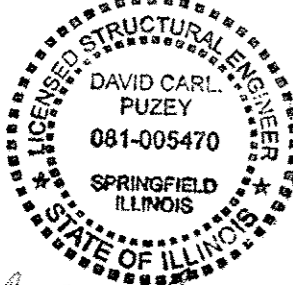
Bar	No.	Size	Length	Shape
h(E)	27	#5	9'-9"	—
n(E)	96	#5	2'-5"	⊔
s(E)	30	#5	9'-7"	□
Concrete Structures			Cu. Yd.	7.2
Reinforcement Bars, Epoxy Coated			Pound	820

PLAN VIEW
 S.N. 048-0029
 BRIDGE OVER LAKE STOREY
 STA. 442+72



NOTE: SLOPE LATEX CONCRETE FROM 2 3/4" TO 1 3/4" MIN. THICKNESS TO ENSURE DRAINAGE.

NOTE: SECTION B-B LOCATED ON SHEET 2 OF 2



David Carl Puzey 5/9/14
 Expires 1/30/14

LEGEND

- = HMA SURFACE REMOVAL (DECK), 3-3/4"
 BRIDGE DECK SCARIFICATION, 3/4"
- = LATEX MODIFIED CONCRETE, 2 3/4"

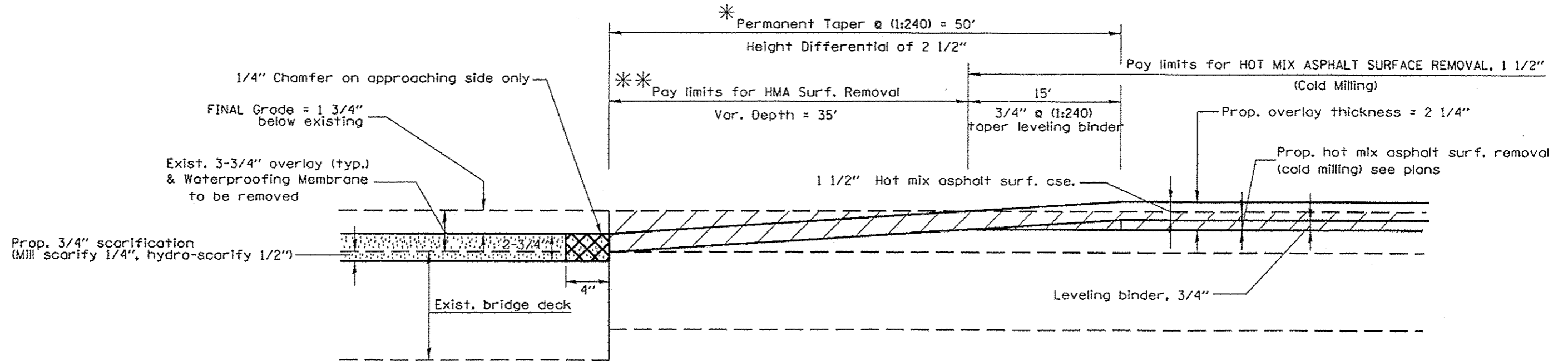
BILL OF MATERIALS			
DESCRIPTION	ITEM	UNIT	TOTAL
HMA SURFACE REMOVAL (DECK)	Z0004556	SQ. YD.	341
BRIDGE DECK SCARIFICATION, 3/4"	Z0012130	SQ. YD.	341
BRIDGE DECK LATEX CONCRETE OVERLAY, 2 3/4"	Z0006016	SQ. YD.	337
BRIDGE DECK GROOVING	50300260	SQ. YD.	341
POLYMER CONCRETE	Z0041895	CU. FT.	7.4

SEE SCHEDULE OF QUANTITIES FOR RELATED GUARDRAIL AND TRAFFIC CONTROL ITEMS

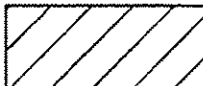


* PERMANENT TAPER LIMITS (NB & SB)
 Sta. 442+05.9 to Sta. 442+55.5
 Structure (Sta. 442+55.5 to Sta. 442+88.5)
 Sta. 442+88.5 to Sta. 443+38.4

** HMA SURF. REMOVAL, VAR. DEPTH LIMITS (NB & SB)
 Sta. 442+20.9 to Sta. 442+55.5
 Structure (Sta. 442+55.5 to Sta. 442+88.5)
 Sta. 442+88.5 to Sta. 443+23.4

SECTION B-B

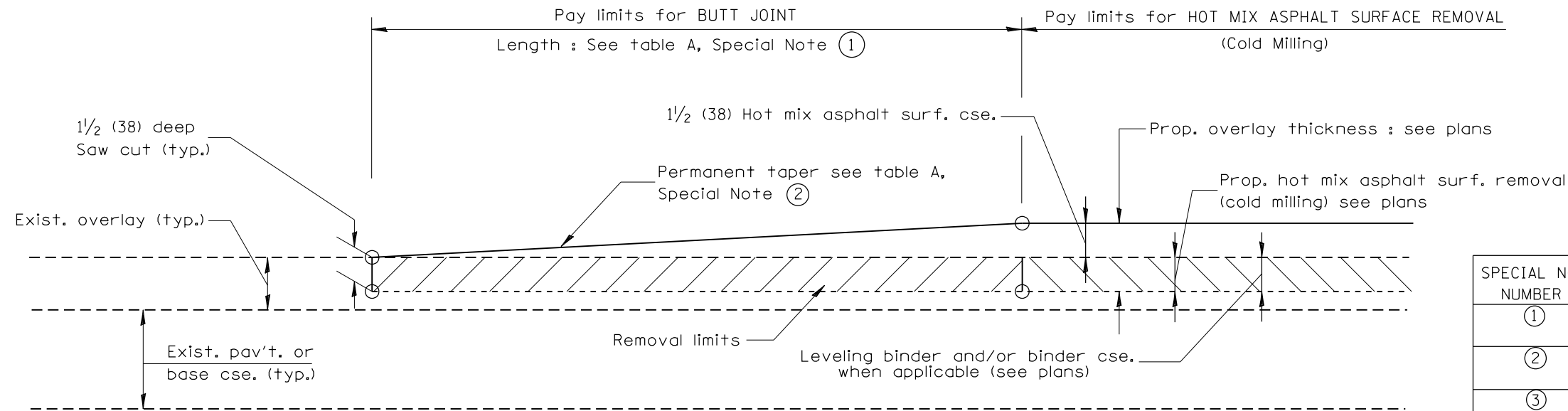


LEGEND

-  = HMA SURFACE REMOVAL (DECK), 3-3/4"
 CONCRETE BRIDGE DECK SCARIFICATION, 3/4"
-  = LATEX MODIFIED CONCRETE, 2 3/4"
-  = POLYMER CONCRETE (DRIVING AND PASSING LANES ONLY)

FILE NAME *	USER NAME * russellm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE DECK REPLACEMENT DETAIL SHEET 2 OF 2	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pvidot\russellm\0368330\0468865-shd-details.dgn	DRAWN -	REVISED -	6791			126RS-4	KNOX	76	65	
Default	PLOT SCALE * 100.0000' / 1"	CHECKED - <i>VHV</i>	REVISED -			CONTRACT NO. 68865			ILLINOIS FED. AID PROJECT	
	PLOT DATE * 5/2/2014	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.		

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



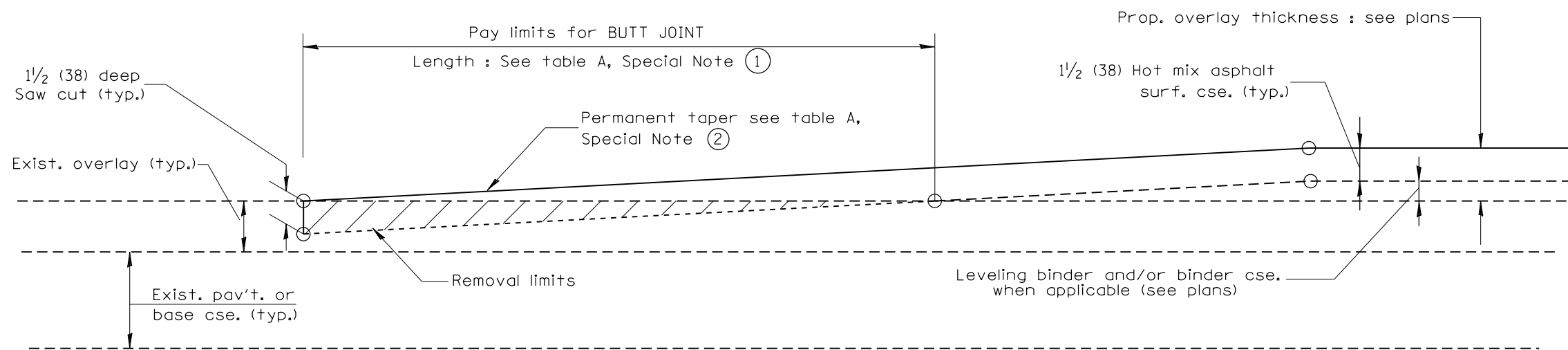
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- 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.
- 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.



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.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

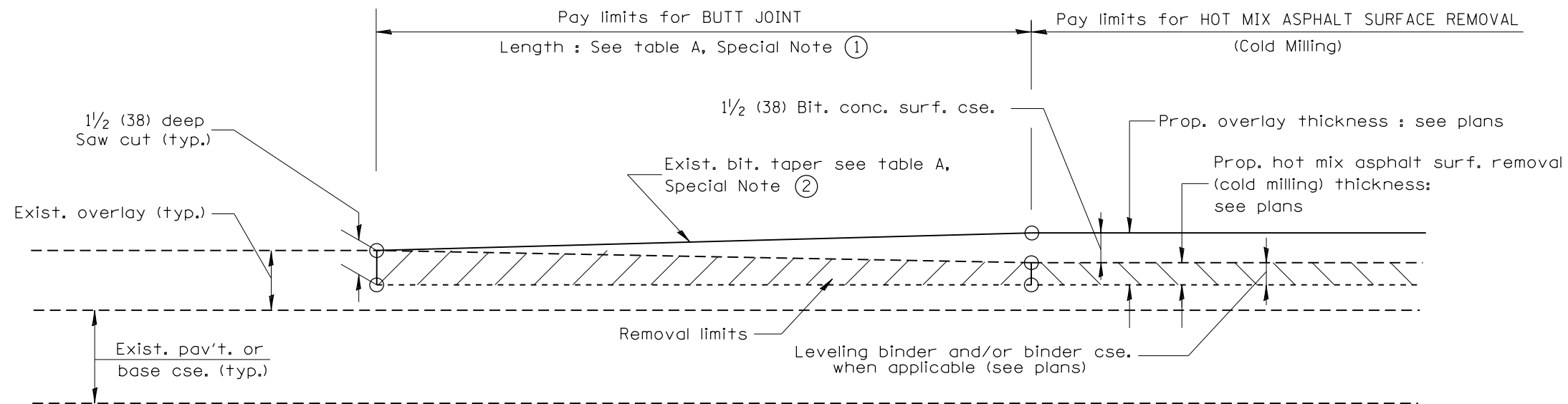
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

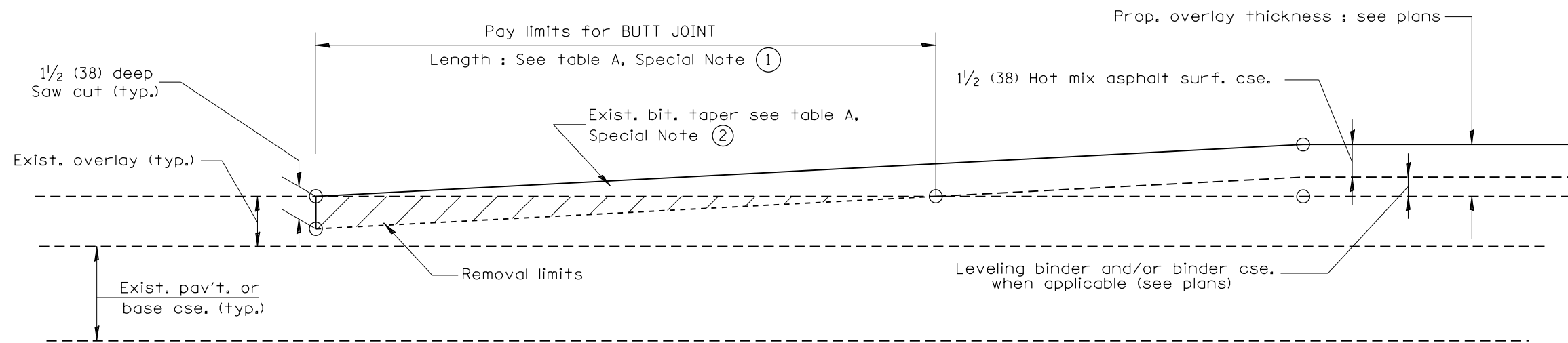
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

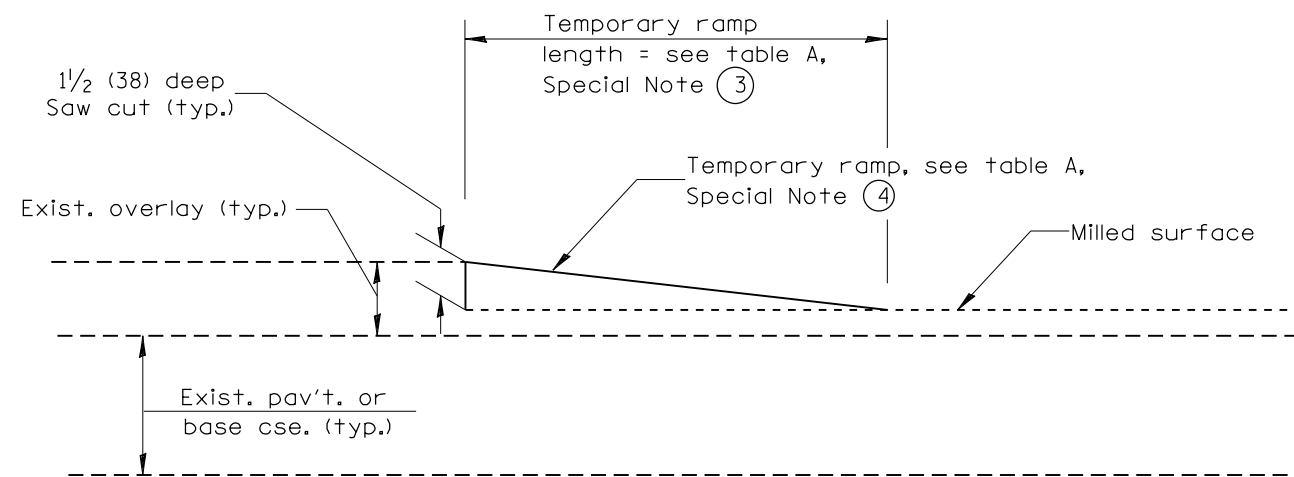
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	66
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B65	



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



**CASE 4 : NO 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.

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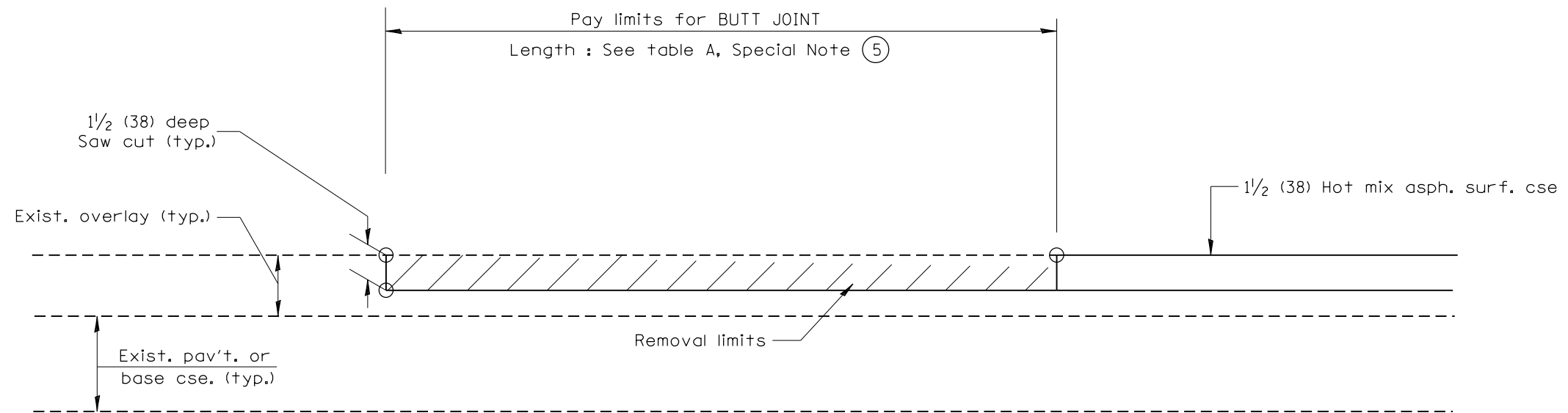
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
CADD STD. 406101-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B65	



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

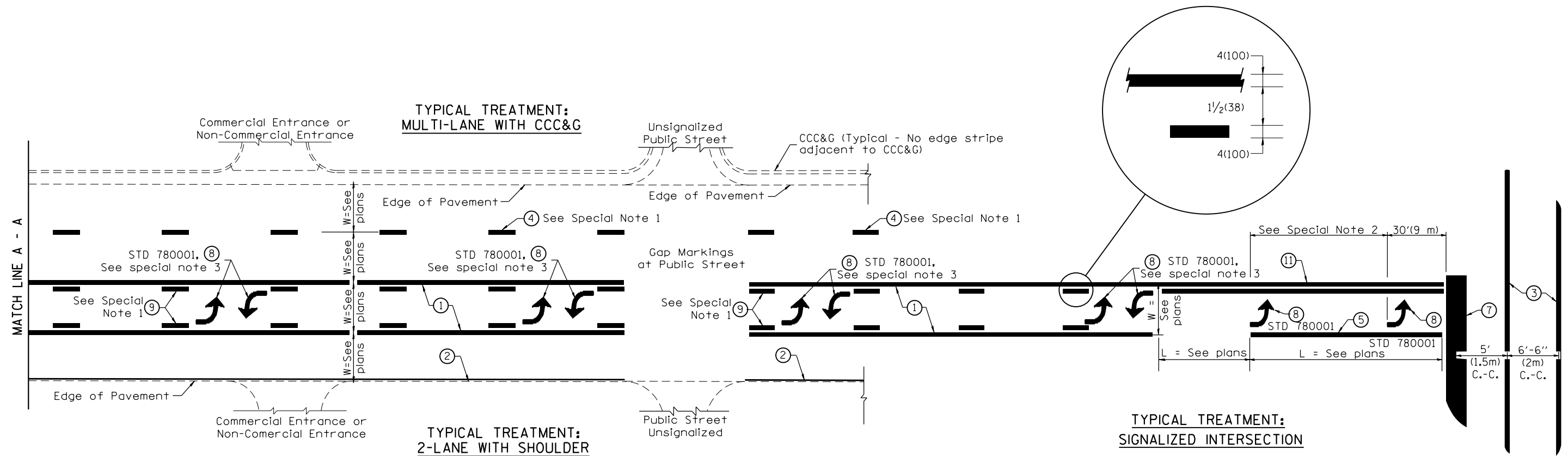
BUTT JOINTS

NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	68
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 68B65				

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) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (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.

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.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

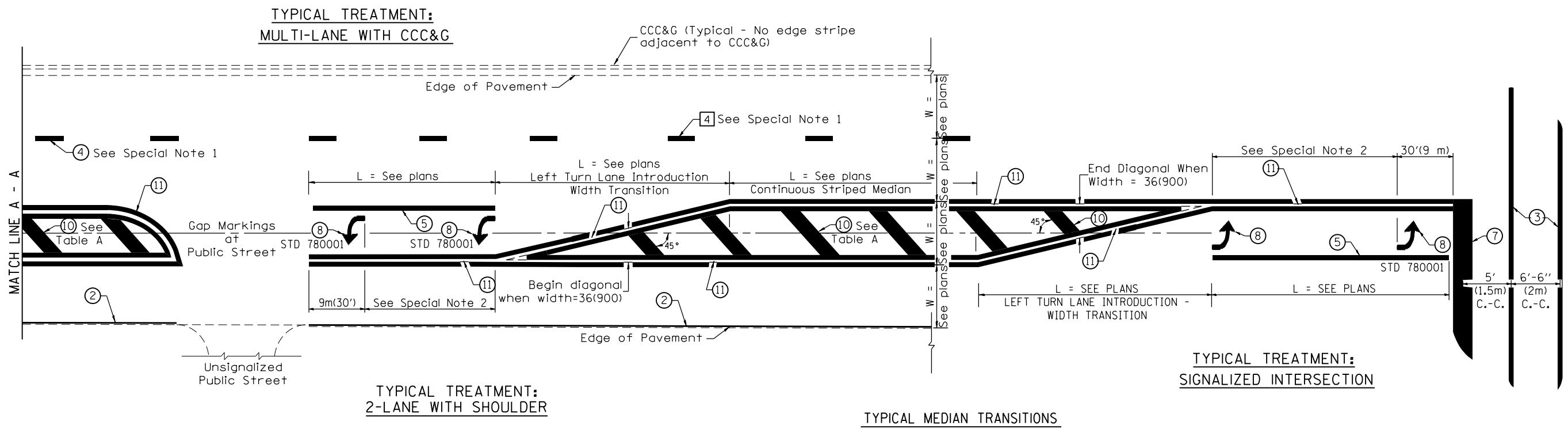
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

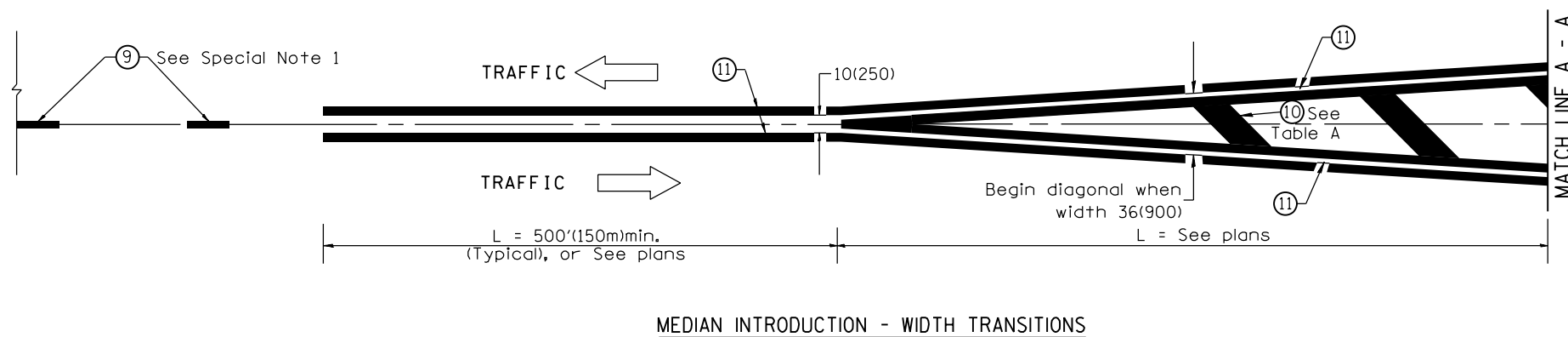
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	69
CONTRACT NO. 68B65				
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

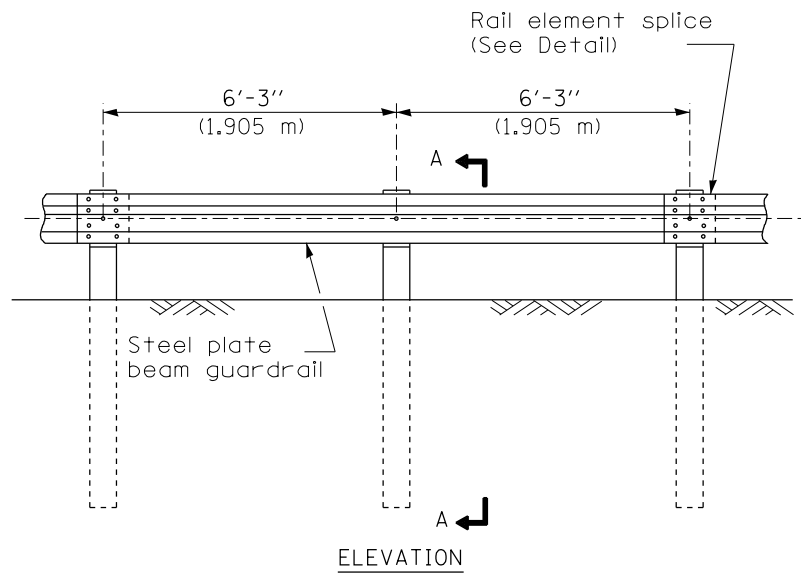
TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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)



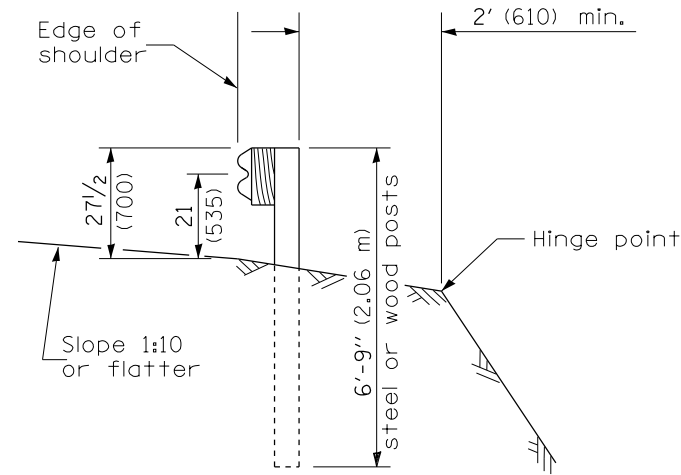
All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTE: Use this CADD Standard when removing and re-erecting existing non-MGS guardrail that was originally installed prior to January 1, 2007 or to replace existing rail to match existing non-MGS rail. Note this is removing and re-erecting so the 27 1/2" height is maintained. If installing the new style MGS guardrail use the State Standard.

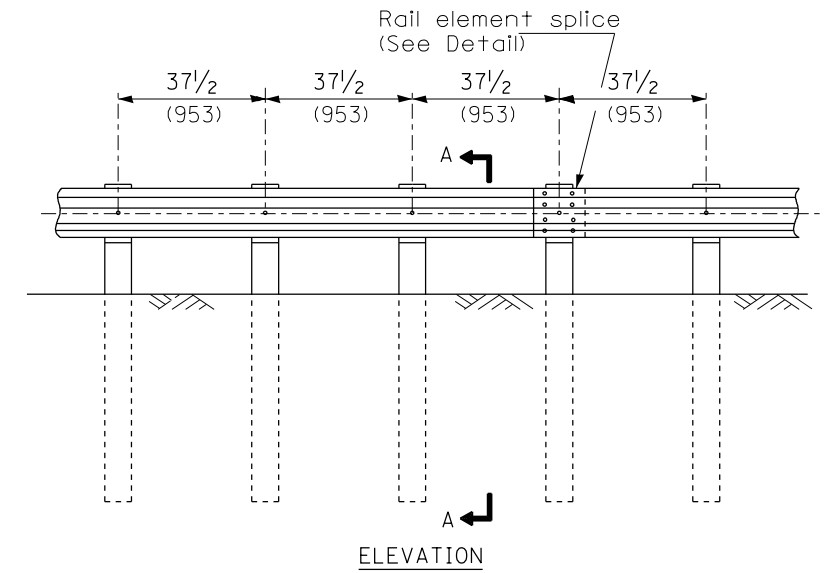


TYPE A

6'-3" (1.905 m) Typical post spacing

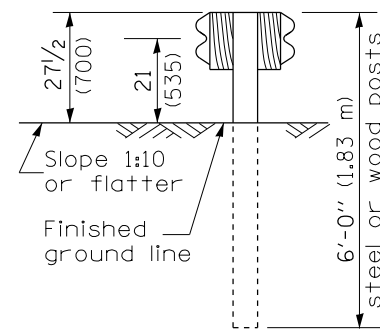


SECTION A-A

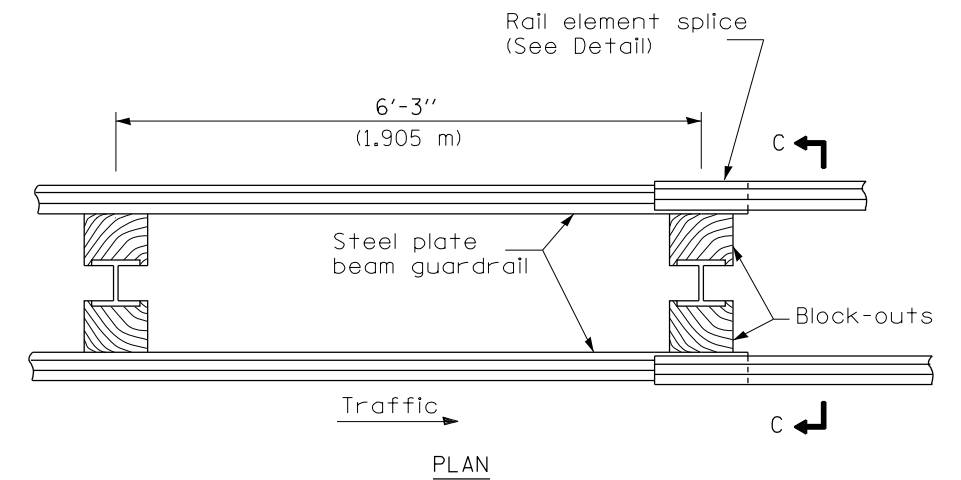


TYPE B

37 1/2 (953) Closed post spacing

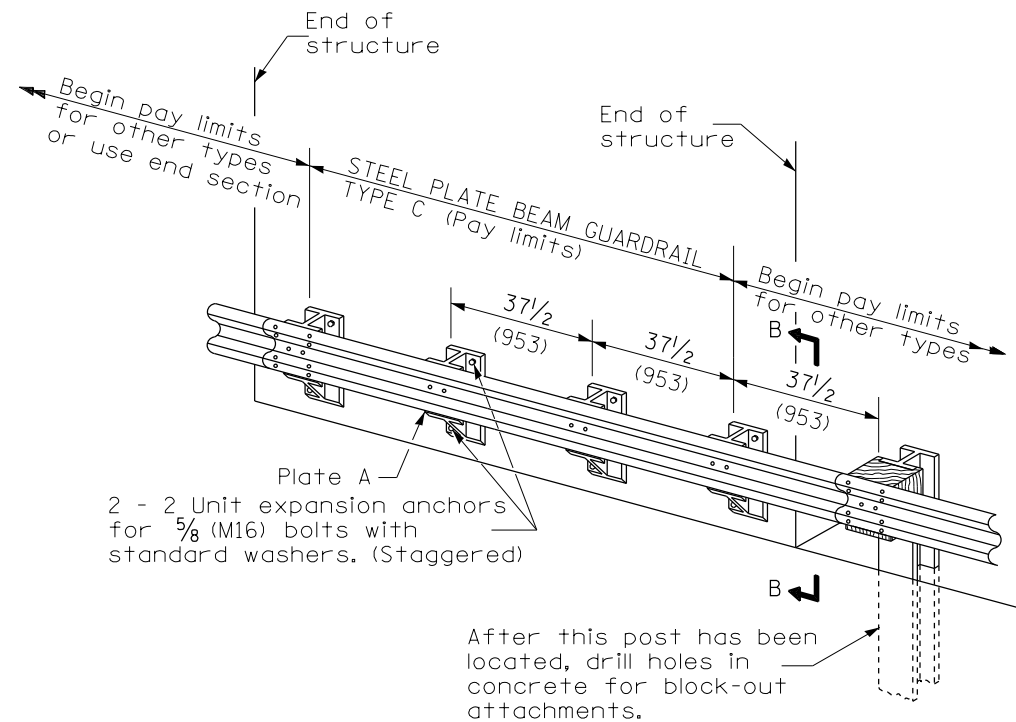


SECTION C-C



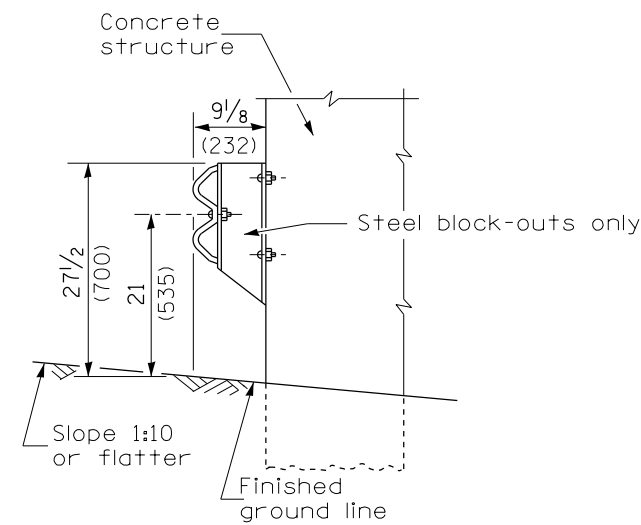
TYPE D

Double steel plate beam guardrail
6'-3" (1.905 m) typical post spacing



TYPE C

37 1/2 (953) Block-out spacing



SECTION B-B

GENERAL NOTES

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.

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

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

03-01-07	NEW DETAIL	RJD			
03-07-11	Revised designer note	RJD			

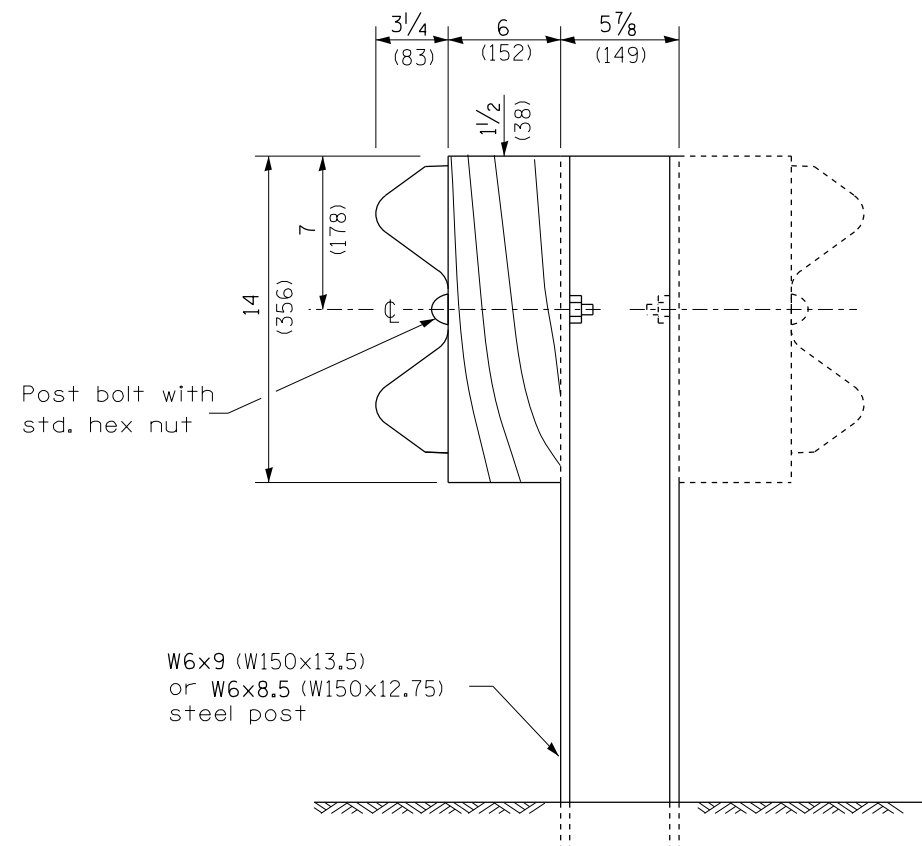
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

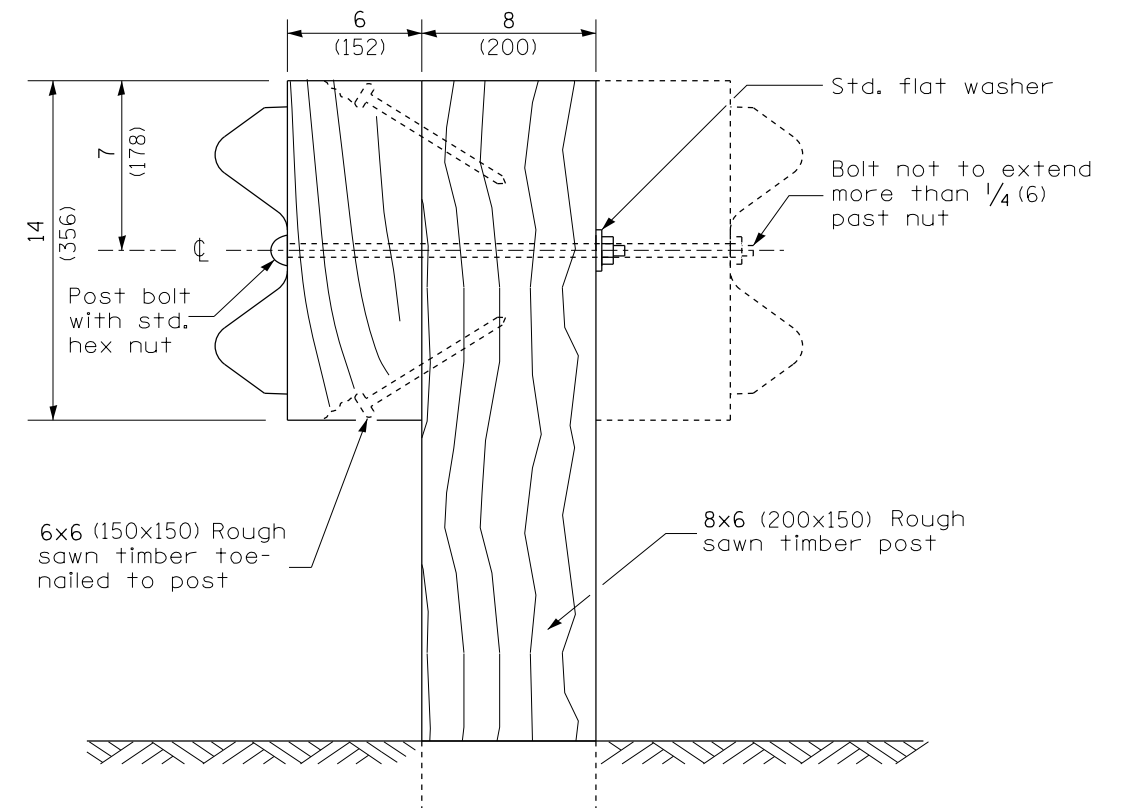
**STEEL PLATE BEAM GUARDRAIL, TYPE A,
6.75 FOOT POSTS**

SHT. 1 OF 4
CADD STD. 630011-D4

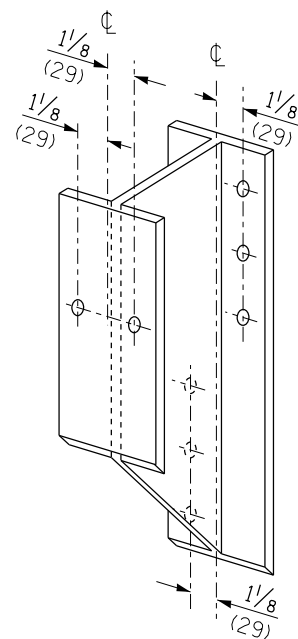
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	71
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B65	



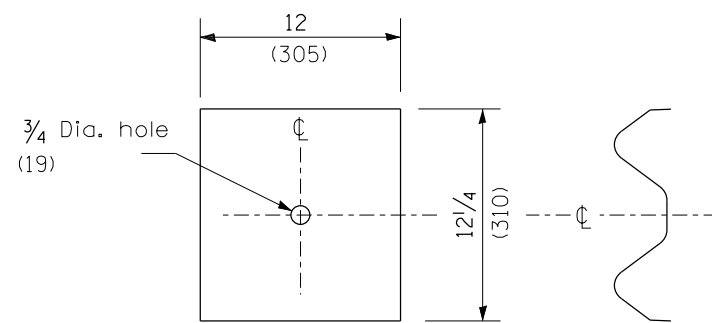
STEEL POST CONSTRUCTION



WOOD POST CONSTRUCTION



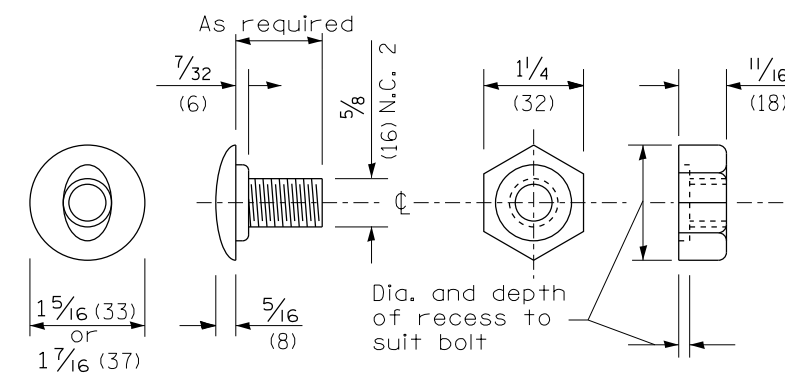
STEEL BLOCK-OUT DETAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



POST OR SPLICE BOLT & NUT

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

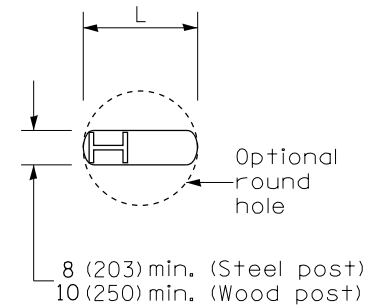
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL PLATE BEAM GUARDRAIL, TYPE A,
6.75 FOOT POSTS

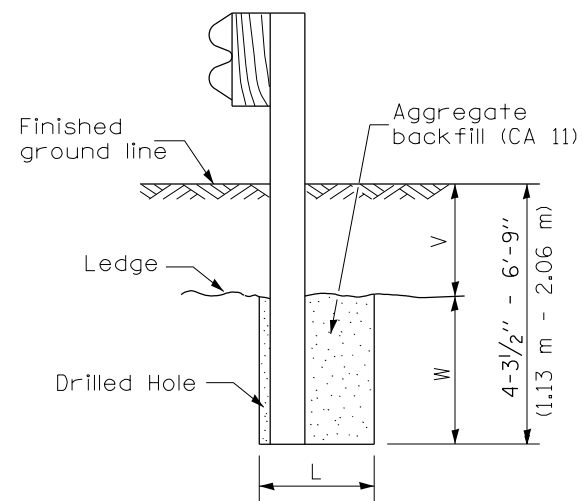
NOT TO SCALE

SHT. 2 OF 4
CADD STD. 630011-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126RS-4	KNOX	76	72
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B65	

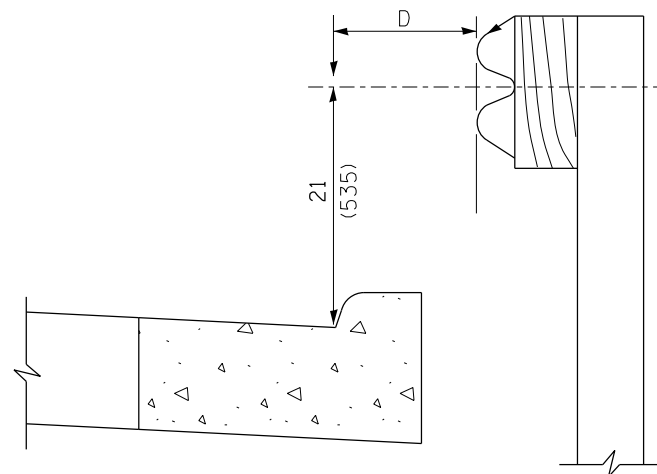


PLAN



ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



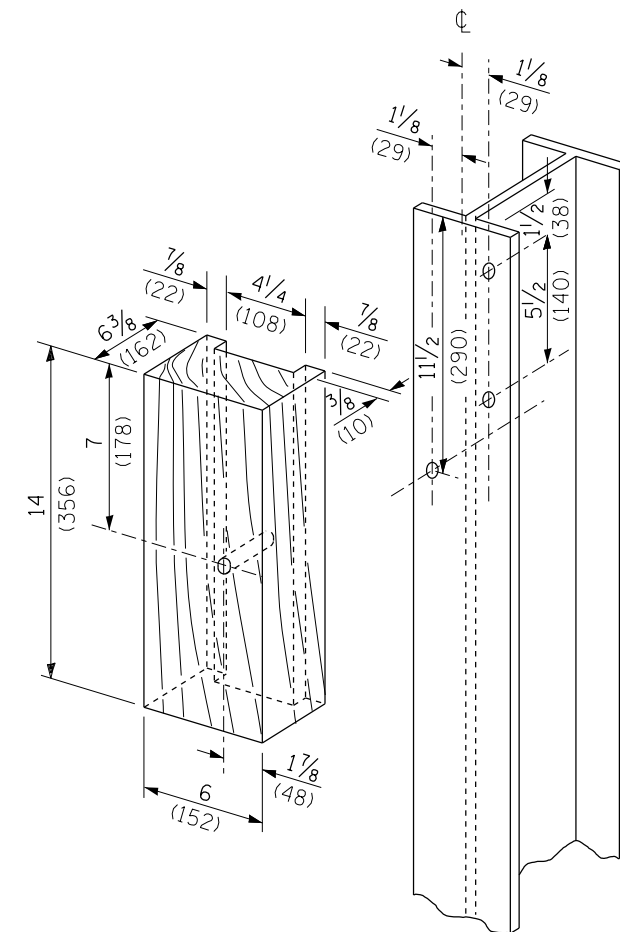
Note:

If it is necessary for D to be more than 12 (300) and less than 10'-0" (3.0 m) type M-2 (M-5) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

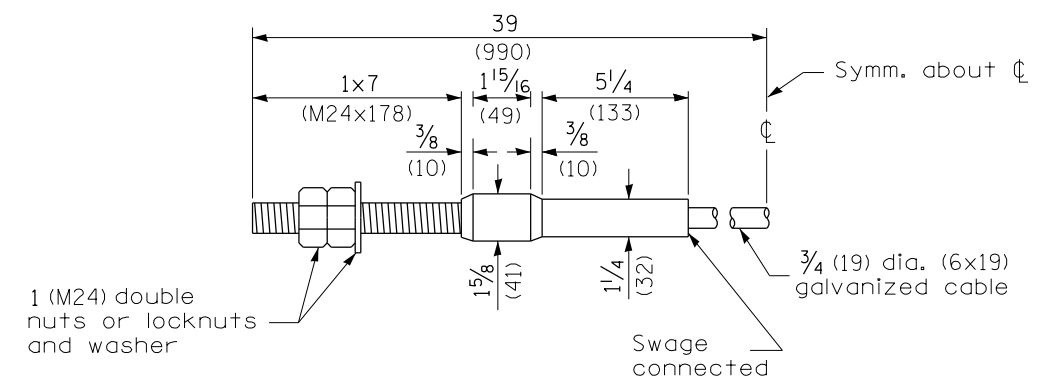
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 (300) maximum)

V	W	L	
		Steel Post	Wood Post
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (>460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (>825 - 1.13 m)	12 - 0 (305 - 0)	8 (203)	10 (250)



WOOD BLOCK-OUT AND STEEL POST DETAILS

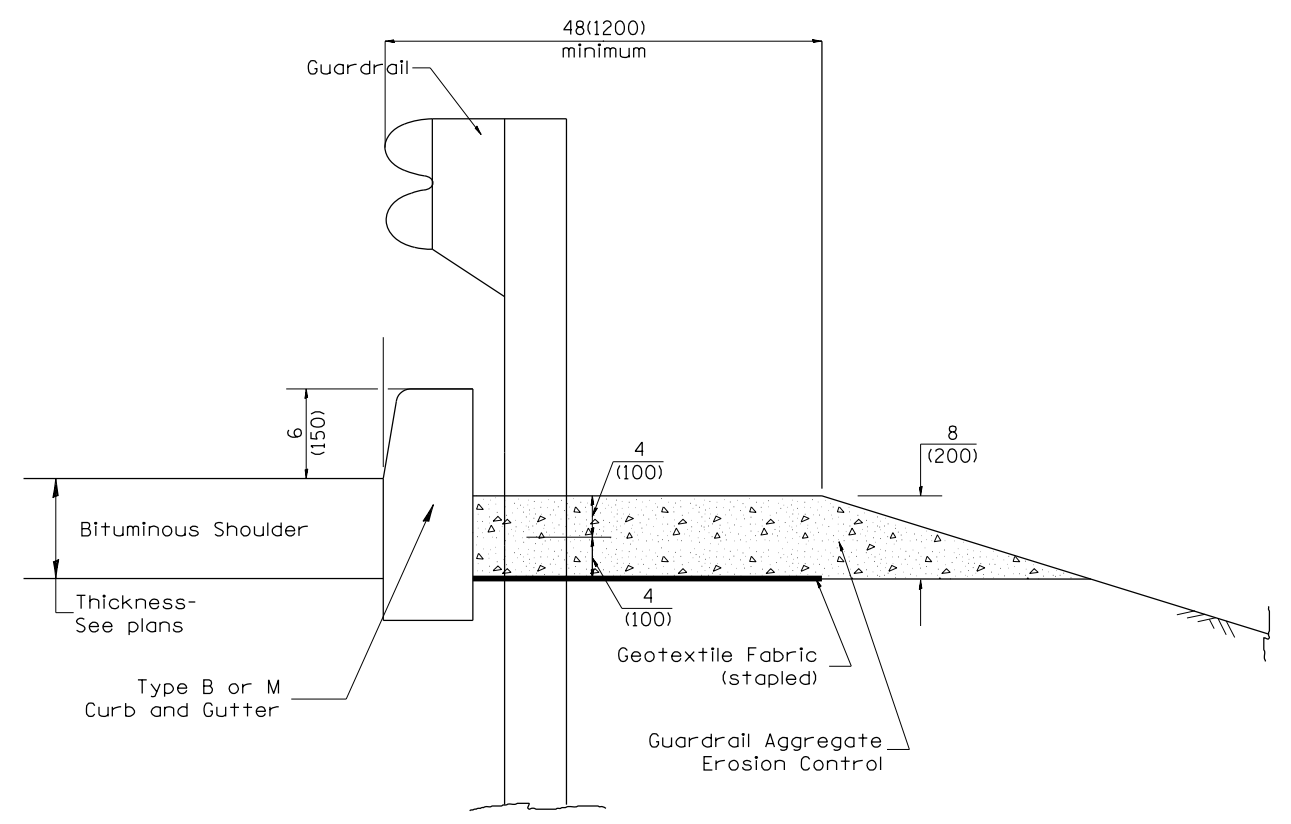


CABLE ASSEMBLY

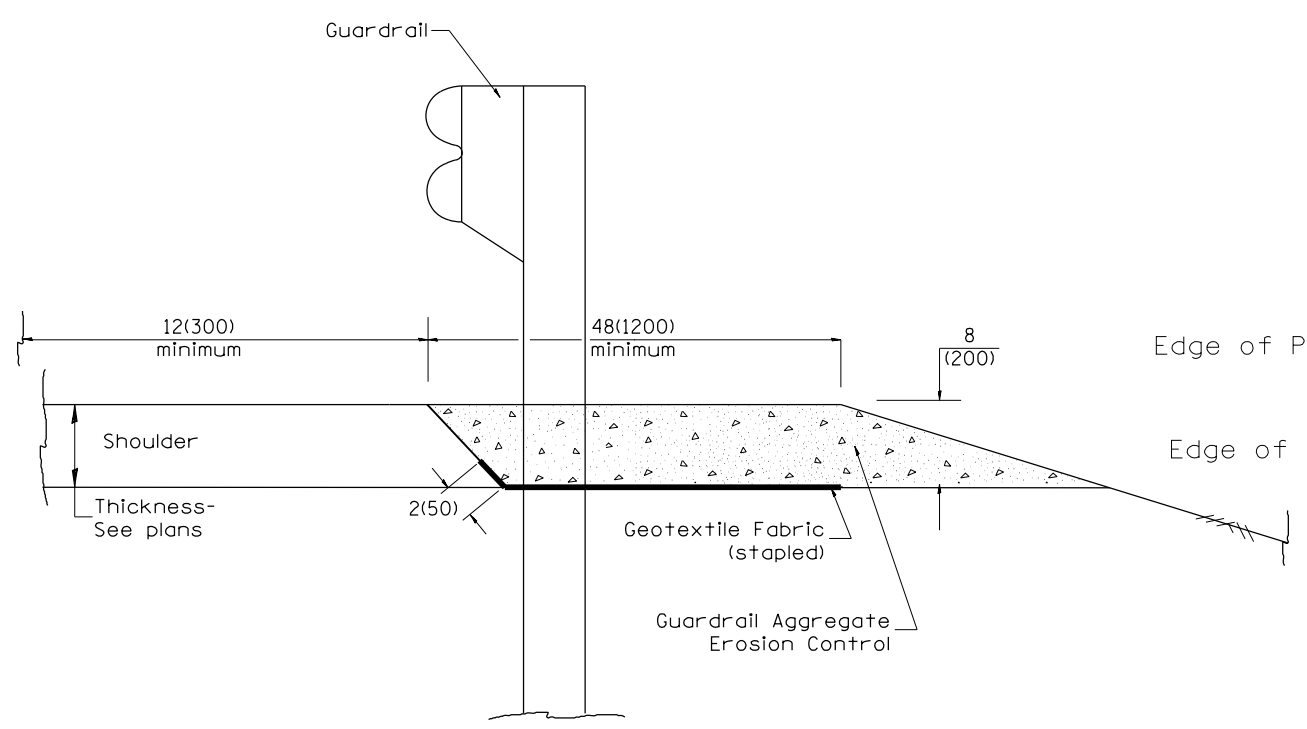
(18,100 kg (40,000 lbs.) min. breaking strength)
Tighten to taut tension.

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

DESIGNER NOTES:
 1. Consider using a "B" curb pay item at guardrail installations where grades are equal to or greater than 1% and at inlets. (Include District Special Provision)
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1%. (Include District Special Provision)
 3. Include State Standards 609001, 609006 or 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; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



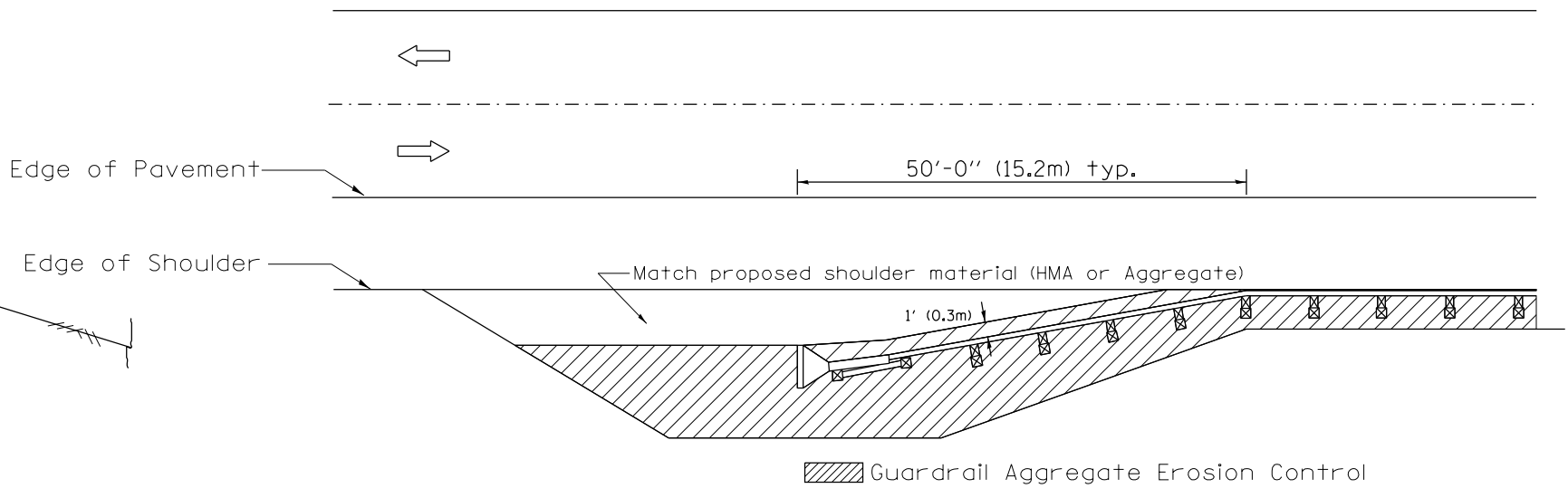
TYPICAL SECTION WITH EROSION CONTROL CURB



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.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

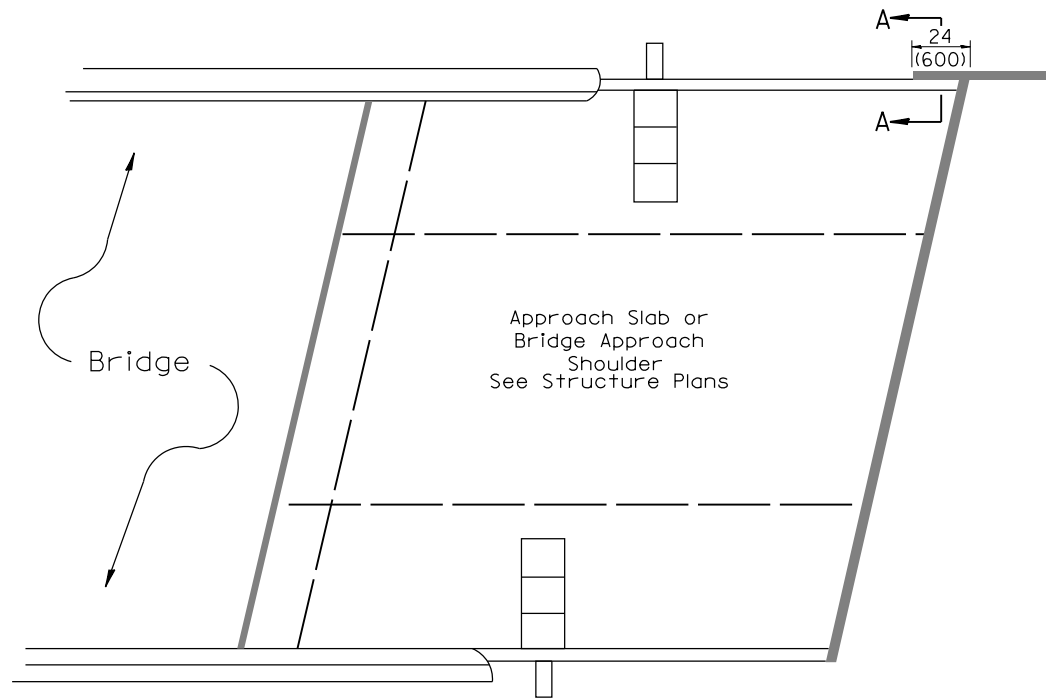
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL EROSION CONTROL TREATMENTS

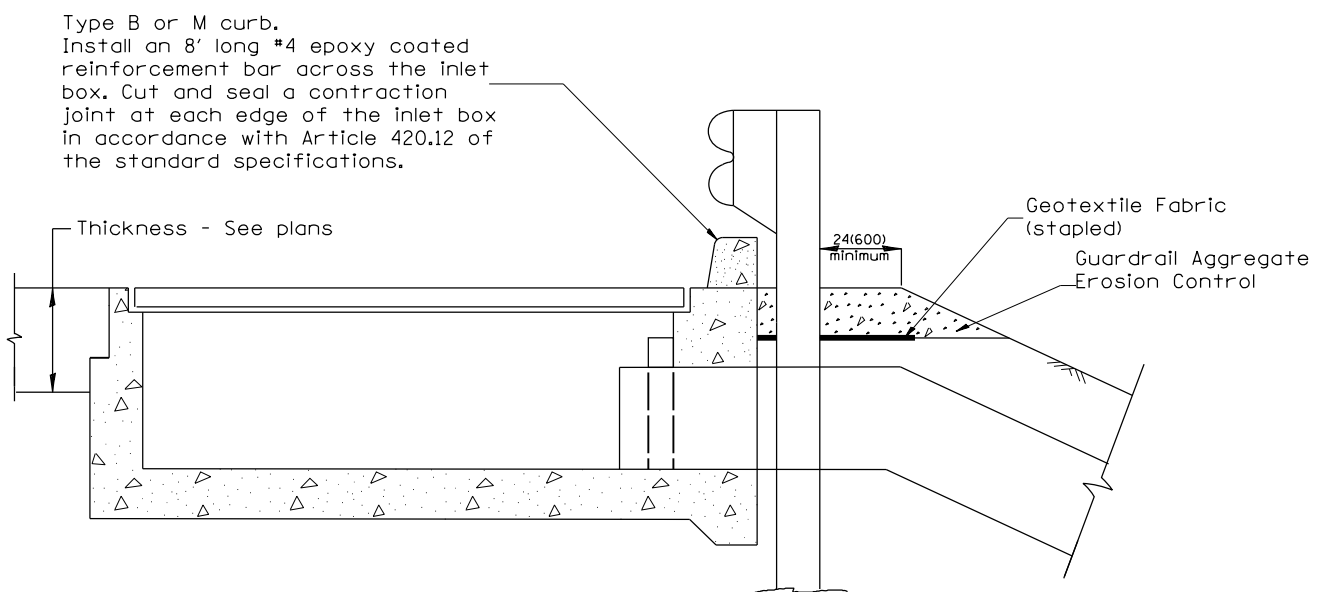
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 630101-D4

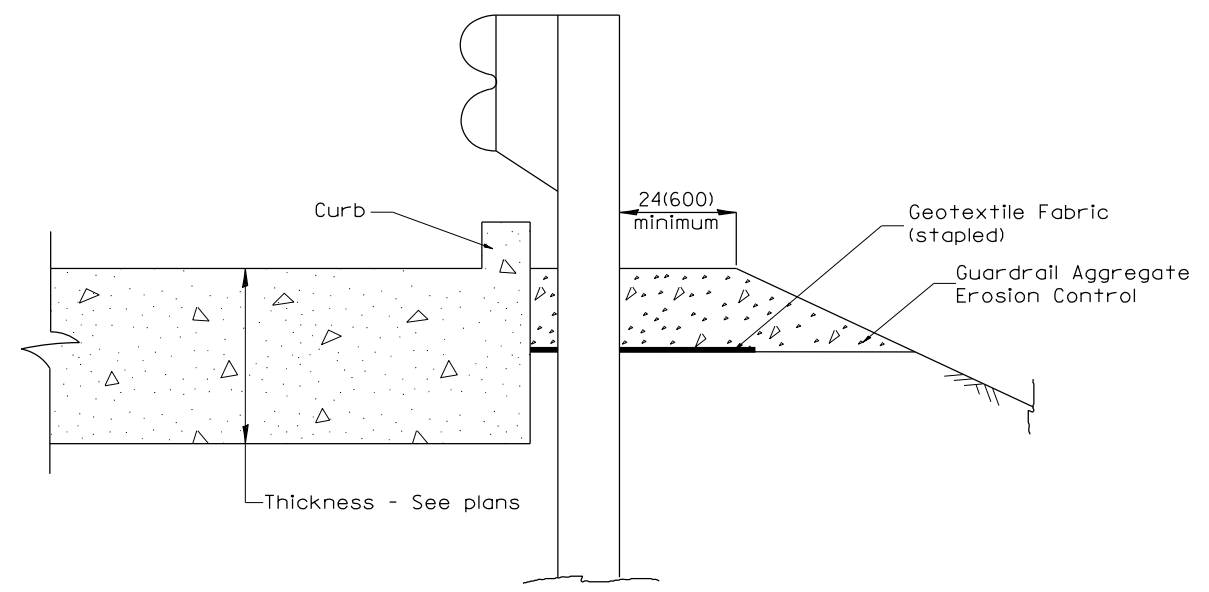
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	126R5-4	KNOX	76	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68B65	



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
 (STANDARD 609001 or 609006)



TYPICAL SECTION AT INLETS
TYPE E & F (STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL EROSION CONTROL TREATMENTS				SHT. 2 OF 2
				NOT TO SCALE				CADD STD. 630101-D4
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
6791	126RS-4	KNOX	76	76	CONTRACT NO. 68B65			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						