03-06-2015 LETTING ITEM 074

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	CHAMPAIGN	59	1
	ILLINOIS	CONTRACT NO. 70A54		

*201RS-1,(200R)RS-2 & 200RS-3

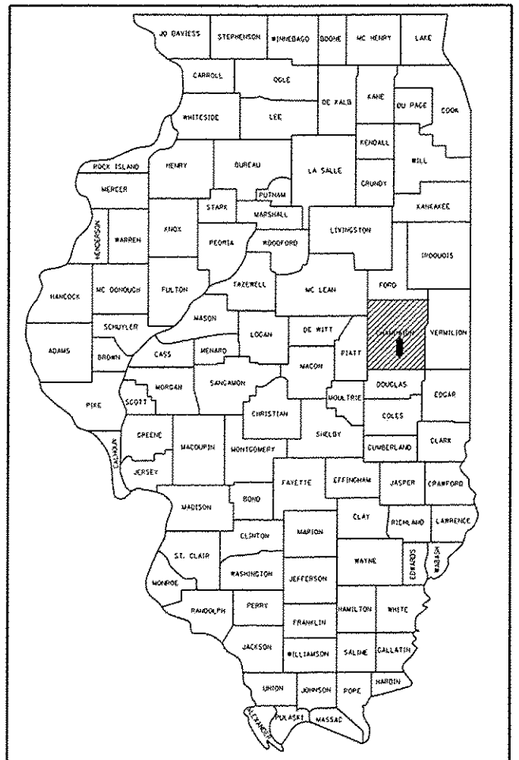
D-95-011-14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

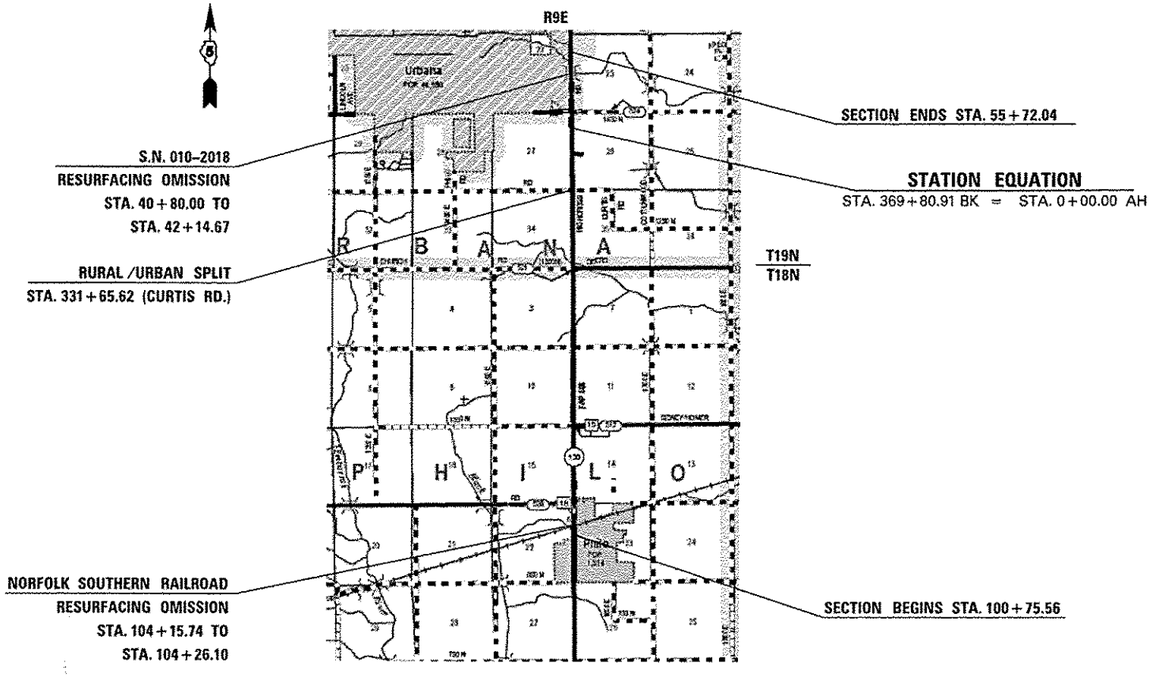
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 808 (IL 130)
SECTION 201RS-1,(200R)RS-2 & 200RS-3
PROJECT ACF-0808 (041)
RESURFACING (3P)
CHAMPAIGN COUNTY
S. OF WASHINGTON ST. IN URBANA
TO MADISON ST. IN PHILO

C-95-011-14



LOCATION OF SECTION INDICATED THUS: –■–



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-8

STRUCTURE INFORMATION

S.N.	SCOPE OF WORK
010-8090	HMA RESURFACING
010-8091	HMA RESURFACING
010-8600	HMA RESURFACING
010-8092	HMA RESURFACING
010-8093	HMA RESURFACING
010-8094	HMA RESURFACING
010-8089	HMA RESURFACING
010-2018	RESURFACING OMISSION

CURRENT ADT

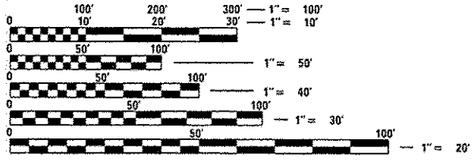
O.P.A./MINOR ARTERIAL FAP 808 (IL 130)

	LEG "A"	LEG "B"	LEG "C"	LEG "D"
ADT (2013)	8,150	6,700	5,200	3,500
SU%	2.9%	2.7%	4.2%	3.6%
MU%	2.7%	2.1%	2.6%	2.7%
PV%	94.4%	95.2%	93.2%	93.7%

TRAFFIC DATA LOCATIONS

O.P.A. & MINOR ARTERIAL FAP 808 (IL 130)

LEG "A" = WASHINGTON ST. TO WINDSOR RD IN URBANA.
LEG "B" = WINDSOR RD TO FAS 512 (SIDNEY RD).
LEG "C" = FAS 512 (SIDNEY RD) TO FAS 528 (PHILO RD).
LEG "D" = FAS 528 (PHILO RD) TO MADISON ST IN PHILO.



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 TOWNSHIPS: URBANA & PHILO
OR 811

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: STEVE COOMBES
(217) 465-4181

CONTRACT NO. 70A54

GROSS LENGTH = 32,477.39 FT. = 6.151 MILE
NET LENGTH = 32,332.36 FT. = 6.124 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 9 20 14
Kevin A. Garnett
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Jan 30 20 15
John D. Baranzelli, P.E. by acting
ENGINEER OF DESIGN AND ENVIRONMENT
Jan 30 20 15
Omer Osman, P.E. by
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

HIGHWAY STANDARDS

STANDARD	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
642006	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BI-DIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & HIGHWAY STANDARDS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	-	CHAMPAIGN	59	2
*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Ms. Crystal Fry
Division Office Manager-Illinois Division
Norfolk Southern Railway Company
1735 East Condit Street
Decatur, IL. 62521
(217) 425-2078

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

Ms. Crystal Fry
Division Office Manager-Illinois Division
Norfolk Southern Railway Company
1735 East Condit Street
Decatur, IL. 62521
(217) 425-2078

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406F
THIS JOB INCLUDES LEVELING BINDER OF 1-1/4 INCHES OR GREATER THICKNESS. LOCATIONS OF LEVELING BINDER EQUAL TO OR GREATER THAN 1-1/4 INCHES IN THICKNESS ARE AS FOLLOWS:

LOCATIONS:

*LOCATIONS INCLUDE THOSE AREAS WHICH ARE TO BE OMITTED FROM THE COLD-IN-PLACE RECYCLING OF THE EXISTING HMA OVERLAY. THESE STATIONS ARE APPROXIMATE AND VARIATIONS MAY OCCUR.

STATION 122+20 TO STATION 134+13
STATION 158+00 TO STATION 185+00

THE ABOVE LIST MAY NOT BE ALL INCLUSIVE DUE TO CONSTRUCTION VARIATIONS, VARIATIONS BETWEEN PLOTTED CROSS-SECTIONS, OR OTHER REASONS. ALL APPLICABLE REQUIREMENTS OF SECTION 406 OF THE STANDARD SPECIFICATIONS WILL BE ENFORCED FOR ALL LEVELING BINDER CONSTRUCTED 1-1/4 INCHES OR THICKER.

G.N.-406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	IL 130	IL 130	IL 130	IL 130
Mixture Use	Polymer Level Binder	Polymer Surface	Incidental	Class D and P.D Patch
AC/PG	SBS PG 64-28	SBS PG 64-28	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
Mix Comp(Gradation)	IL 9.5 FG	IL 9.5	IL 9.5	IL 19.0 FG
Friction Aggregate	Mix C	Mix D	Mix C	N.A.
Mixture Weight	112	112	112	112
Quality Management Program	QCP	QCP	QC/QA	QC/QA
Sublot Size	1000	1000	N.A.	N.A.

Location	IL 130
Mixture Use	HMA Shoulder
AC/PG	PG 64-22
Design Air Voids	4.0% @ Ndes=30
Mix Comp(Gradation)	IL 9.5L
Friction Aggregate	Mix C
Mixture Weight	112
Quality Management Program	QC/QA
Sublot Size	N.A.

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		DRAWN -	REVISED -
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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	-	CHAMPAIGN	59	3
*201RS-1,1200RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

G.N.-408B
THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED,

AT THE FOLLOWING LOCATIONS:

W. MONROE ST. (PHILO RD.)
E. TR 1000N (SIDNEY RD.)

G.N.-442B – PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-442B (SPECIAL) – ADDITIONAL PATCHING QUANTITIES
A PATCHING SURVEY WAS NOT COMPLETED IN THE AREAS INCLUDED IN TYPICAL SECTIONS #1 AND #2. QUANTITIES WERE INCLUDED FOR 11 INCH PATCHES IN THESE AREAS BASED ON A RATE OF 1% PATCHING. LOCATIONS AND TYPES TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

G.N.-482
ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.

G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N. - 886

EXISTING DETECTOR LOOPS IN THE AREAS OF PROPOSED SURFACE REMOVAL SHALL BE REPLACED PER THE EXISTING SIZE AND LOCATION EXCEPT AS NOTED IN THE PLANS. EXISTING DETECTOR LOOPS SHALL BE DISCONNECTED AT THE GULFBOX JUNCTION OR HANDHOLE PRIOR TO COLD MILLING AT THAT RESPECTIVE LOCATION. NEW DETECTOR LOOPS SHALL BE CONNECTED TO THE RESPECTIVE EXISTING AMPLIFIER. IN GENERAL, ADVANCED DETECTOR LOOPS FOR DILEMMA ZONE PROTECTION LOCATED AT THE SAME STATION SHALL BE GROUPED TOGETHER ON A COMMON AMPLIFIER AND PRESENCE LOOPS SHALL BE GROUPED BY LANE ON A COMMON AMPLIFIER UNLESS OTHERWISE NOTED IN THE PLANS.

WHERE IT IS NECESSARY TO INSTALL MORE THAN ONE LOOP HOMERUN IN A CONDUIT, HOMERUNS SHARING THE SAME CONDUIT SHALL BE ON A COMMON AMPLIFIER.

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

NO COMMITMENTS

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		DRAWN -	REVISED -			808	-	CHAMPAIGN	59	4
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			*201RS-1,1200RRS-2 & 200RS-3		CONTRACT NO. 70A54		
	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

M232 M231

LOCATION OF WORK:			CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - RURAL	CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - URBAN
FUNDING BREAKOUT:			80 % FED / 20 % STATE	80 % FED / 20 % STATE
CONSTRUCTION TYPE CODE:			0005	0005
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	73,007.00	56,229.00	16,778.00
40600839	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	4,393.00	3,797.00	596.00
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,180.00	898.00	282.00
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	224.00	224.00	0.00
40600990	TEMPORARY RAMP	SQ YD	1,143.00	909.00	234.00
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8,619.00	6,228.00	2,391.00
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,521.00	2,301.00	220.00
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	600.00	539.00	61.00
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	26,196.00	8,358.00	17,838.00
44004250	PAVED SHOULDER REMOVAL	SQ YD	32.00	32.00	0.00
44201773	CLASS D PATCH, TYPE I, 11 INCH	SQ YD	20.00	20.00	0.00
44201777	CLASS D PATCH, TYPE II, 11 INCH	SQ YD	41.00	41.00	0.00
44201781	CLASS D PATCH, TYPE III, 11 INCH	SQ YD	30.00	30.00	0.00
44201785	CLASS D PATCH, TYPE I, 12 INCH	SQ YD	84.00	68.00	16.00
*	SPECIALTY ITEMS				

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	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			808	*	CHAMPAIGN	59	5
	PLOT DATE = 12/9/2014	CHECKED -	REVISED -			*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
		DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

		LOCATION OF WORK:		CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - RURAL	CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - URBAN
		FUNDING BREAKOUT:		80 % FED / 20 % STATE	80 % FED / 20 % STATE
		CONSTRUCTION TYPE CODE:		0005	0005
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
44201789	CLASS D PATCH, TYPE II, 12 INCH	SQ YD	476.00	344.00	132.00
44201794	CLASS D PATCH, TYPE III, 12 INCH	SQ YD	309.00	185.00	124.00
44201796	CLASS D PATCH, TYPE IV, 12 INCH	SQ YD	354.00	354.00	0.00
48101200	AGGREGATE SHOULDER, TYPE B	TON	2,721.00	2,288.00	433.00
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3,066.00	2,575.00	491.00
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	39,414.00	33,103.00	6,311.00
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.00	4.00	2.00
67100100	MOBILIZATION	L SUM	1.00	0.70	0.30
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.00	0.70	0.30
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00	0.70	0.30
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.00	0.50	0.50
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.00	0.50	0.50
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.00	0.50	0.50
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,930.00	5,353.00	1,577.00
*	SPECIALTY ITEMS				

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		DRAWN -	REVISED -			808	*	CHAMPAIGN	59	6
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
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SUMMARY OF QUANTITIES

LOCATION OF WORK:			CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - RURAL	CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - URBAN
FUNDING BREAKOUT:			80 % FED / 20 % STATE	80 % FED / 20 % STATE
CONSTRUCTION TYPE CODE:			0005	0005
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
70300210	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	654.00	435.00	219.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	96,637.00	66,251.00	30,386.00
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	475.00	475.00	0.00
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,676.00	2,161.00	515.00
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	227.00	179.00	48.00
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,288.00	1,767.00	521.00
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	654.00	435.00	219.00
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	51,816.00	32,163.00	19,653.00
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	475.00	475.00	0.00
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,676.00	2,161.00	515.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	227.00	179.00	48.00
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	44,822.00	34,089.00	10,733.00
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	779.00	483.00	296.00
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	818.00	522.00	296.00
*	SPECIALTY ITEMS				

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		DRAWN -	REVISED -
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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	CHAMPAIGN	59	7
*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

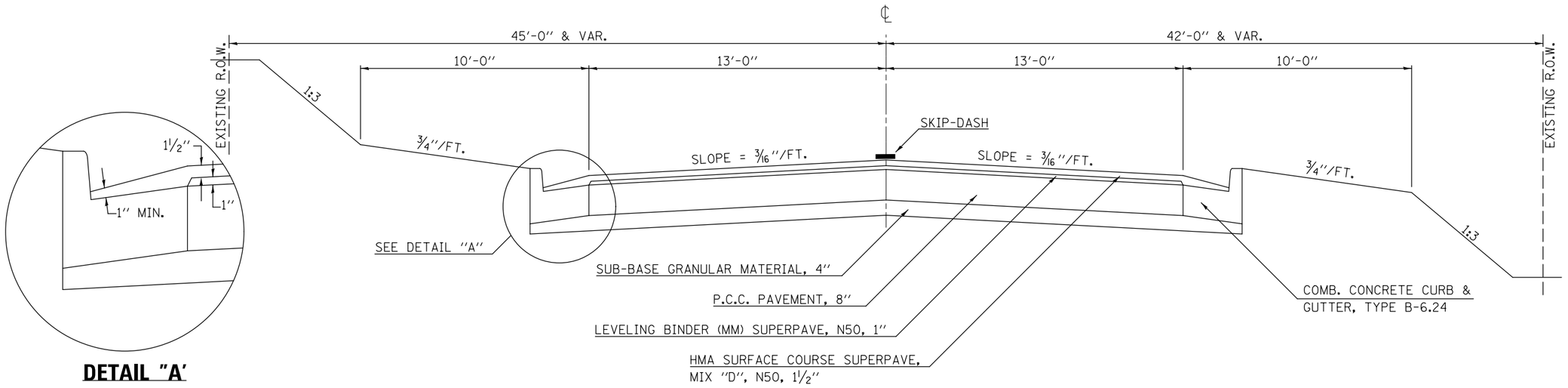
			LOCATION OF WORK:		CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - RURAL	CHAMPAIGN CO. FAP 808 (IL 130) TWO LANE - URBAN
			FUNDING BREAKOUT:		80 % FED / 20 % STATE	80 % FED / 20 % STATE
			CONSTRUCTION TYPE CODE:		0005	0005
CODE NO.	ITEM DESCRIPTION	UNIT		TOTAL QUANTITY	QUANTITY	QUANTITY
88600100	DETECTOR LOOP, TYPE I	FOOT		470.00	0.00	470.00
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD		2,268.00	2,268.00	0.00
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT		25,354.00	15,113.00	10,241.00
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT		475.00	475.00	0.00
X7830077	GROOVING FOR RECESSED PAVEMENT MARKING 11"	FOOT		13,231.00	8,524.00	4,707.00
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT		2,676.00	2,161.00	515.00
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT		227.00	179.00	48.00
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH		5.00	3.00	2.00
Z0010910	COLD MILLING (SPECIAL)	SQ YD		922.00	922.00	0.00
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM		1.00	1.00	0.00
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH		10.00	6.00	4.00
X9900006	CIR-FDR EMULSIFIED ASPHALT	GALLON		90,504.00	76,691.00	13,813.00
X9900007	COLD IN-PLACE RECYCLING, 3.5"	SQ YD		69,619.00	58,993.00	10,626.00
SPECIALTY ITEMS						

13

FILE NAME = c:\pw_work\pwidot\coombassf\d0372552\IDOTsng_2.dgn	USER NAME = coombassf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.2000 ' / in.	DRAWN -	REVISED -			808	-	CHAMPAIGN	59	8
	PLOT DATE = 12/9/2014	CHECKED -	REVISED -			*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
		DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

EXISTING TYPICAL CROSS SECTION (1)

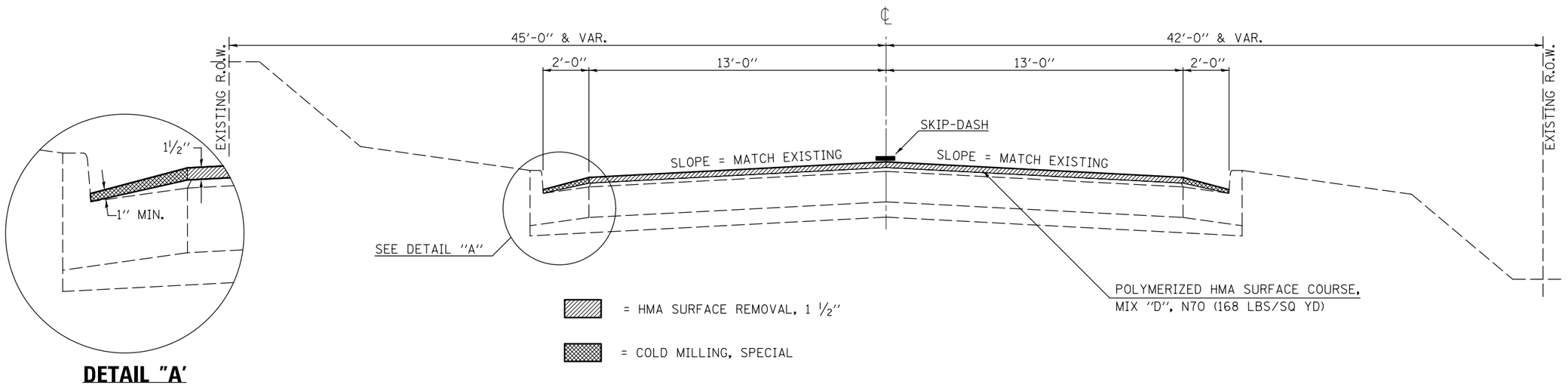
STATION	TO	STATION
100+75.56		104+15.74 (RR OMISSION)
(RR OMISSION) 104+26.10		108+77.11 (2)



DETAIL "A'

PROPOSED TYPICAL CROSS SECTION (1)

STATION	TO	STATION
100+75.56		104+15.74 (RR OMISSION)
(RR OMISSION) 104+26.10		108+77.11 (2)



DETAIL "A'

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

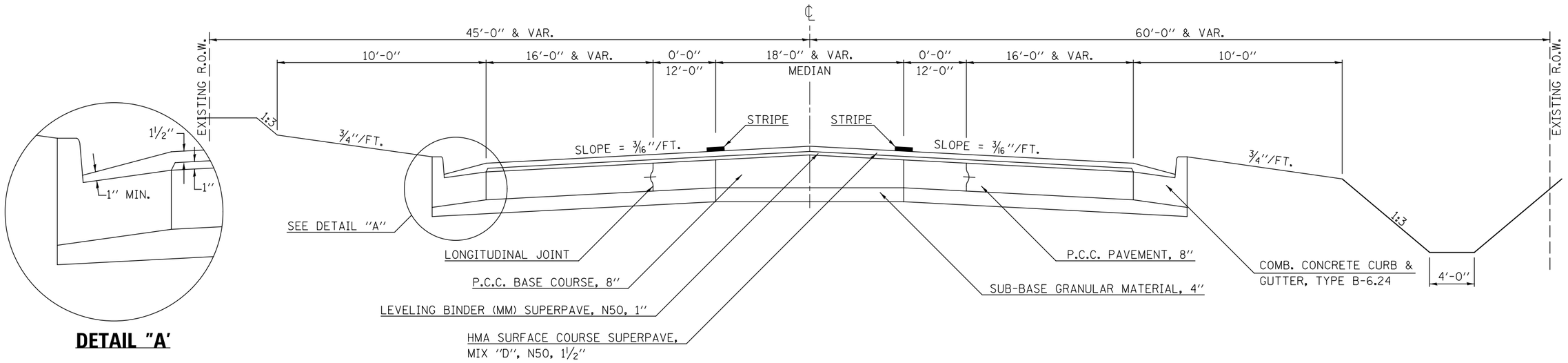
TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	9
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION (2)

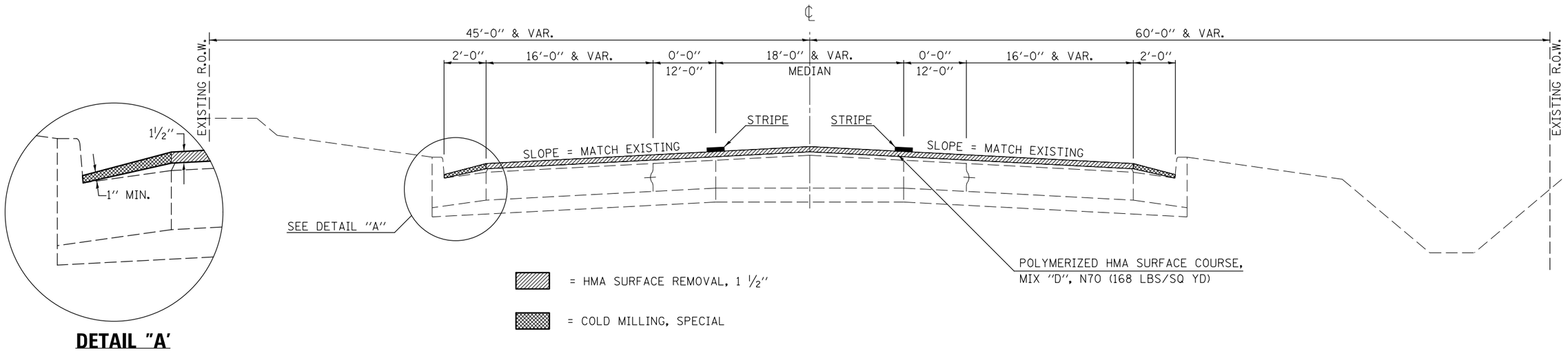
	STATION	TO	STATION	
(1)	RT. 108+77.11		RT. 120+60.00	(3)
(1)	LT. 108+77.11		LT. 121+60.00	(3)



DETAIL "A'

PROPOSED TYPICAL CROSS SECTION (2)

	STATION	TO	STATION	
(1)	RT. 108+77.11		RT. 120+60.00	(3)
(1)	LT. 108+77.11		LT. 121+60.00	(3)

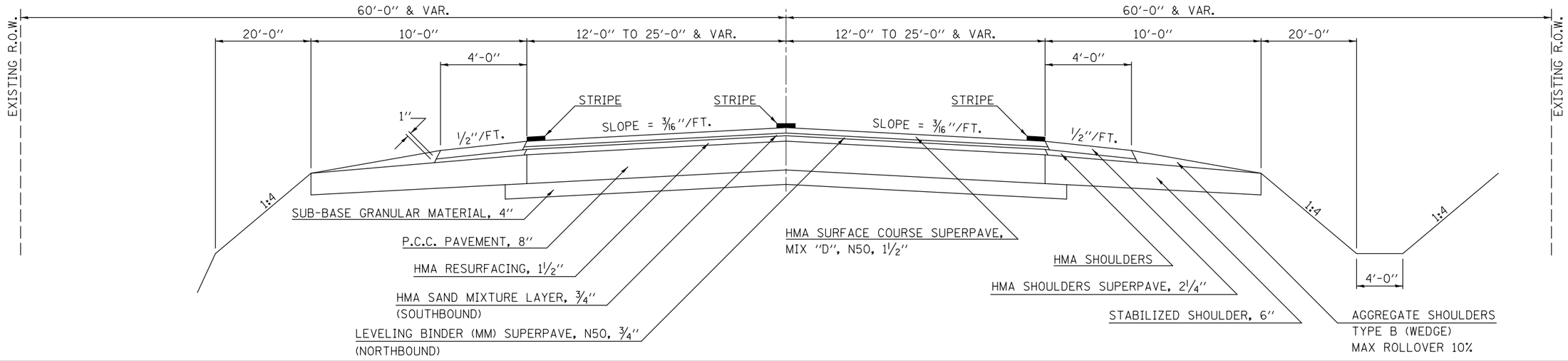


DETAIL "A'

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					808	•	CHAMPAIGN	59	10
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT			

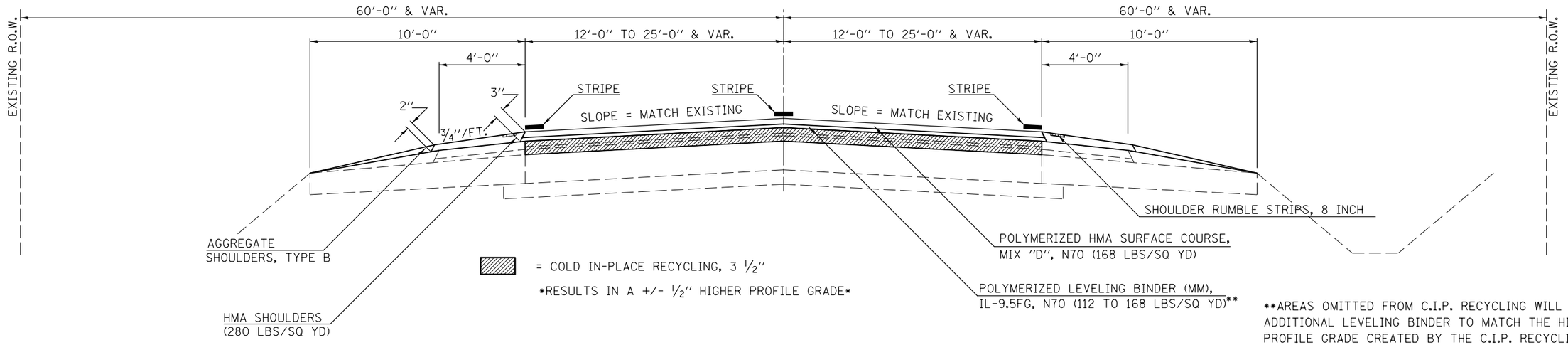
EXISTING TYPICAL CROSS SECTION (3)

	STATION	TO	STATION	
(2)	RT. 120+60.00		RT. 155+91.35	(4)
(2)	LT. 121+60.00		LT. 155+91.35	(4)
(4)	187+98.64		369+80.91	(BK) = 0+00.00 (AH)
	0+00.00	℄	1+69.22	(5)



PROPOSED TYPICAL CROSS SECTION (3)

	STATION	TO	STATION	
(2)	RT. 120+60.00		RT. 155+91.35	(4)
(2)	LT. 121+60.00		LT. 155+91.35	(4)
(4)	187+98.64		369+80.91	(BK) = 0+00.00 (AH)
	0+00.00	℄	1+69.22	(5)



**AREAS OMITTED FROM C.I.P. RECYCLING WILL REQUIRE ADDITIONAL LEVELING BINDER TO MATCH THE HIGHER PROFILE GRADE CREATED BY THE C.I.P. RECYCLING.

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

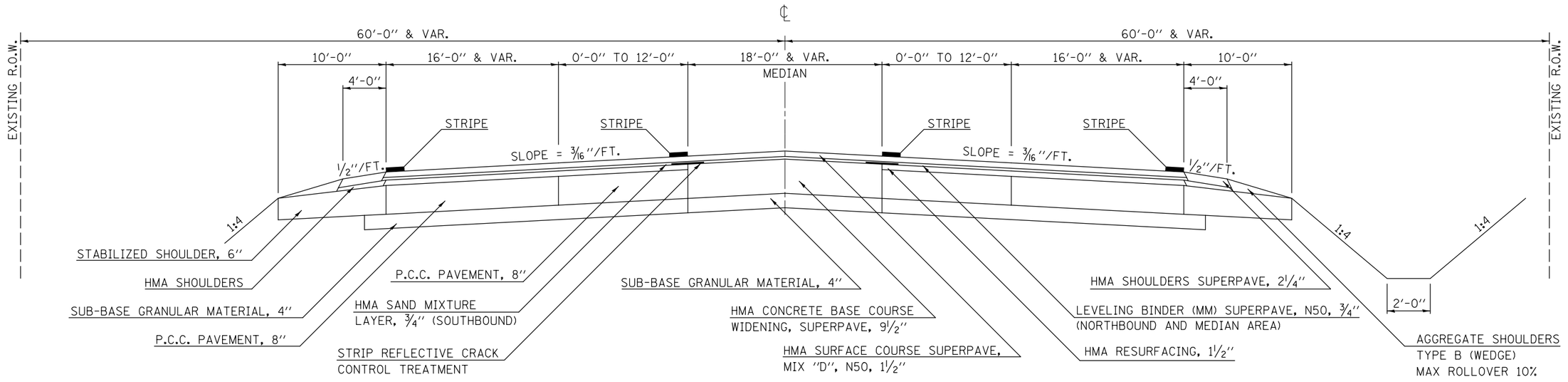
TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	11
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

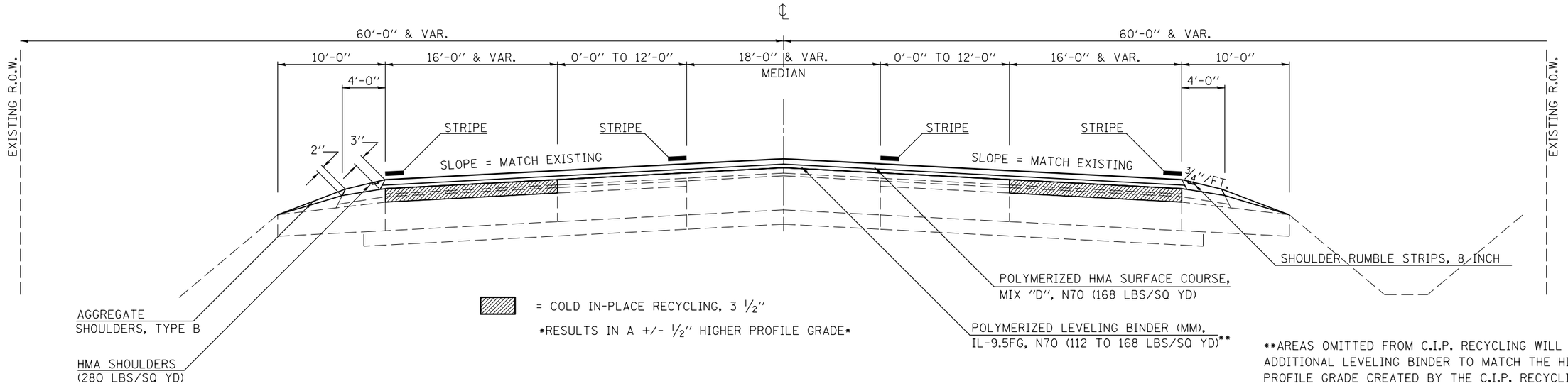
EXISTING TYPICAL CROSS SECTION (4)

STATION	TO	STATION
③ 155+91.15		187+98.64 ③



PROPOSED TYPICAL CROSS SECTION (4)

STATION	TO	STATION
③ 155+91.15		187+98.64 ③



**AREAS OMITTED FROM C.I.P. RECYCLING WILL REQUIRE ADDITIONAL LEVELING BINDER TO MATCH THE HIGHER PROFILE GRADE CREATED BY THE C.I.P. RECYCLING.

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

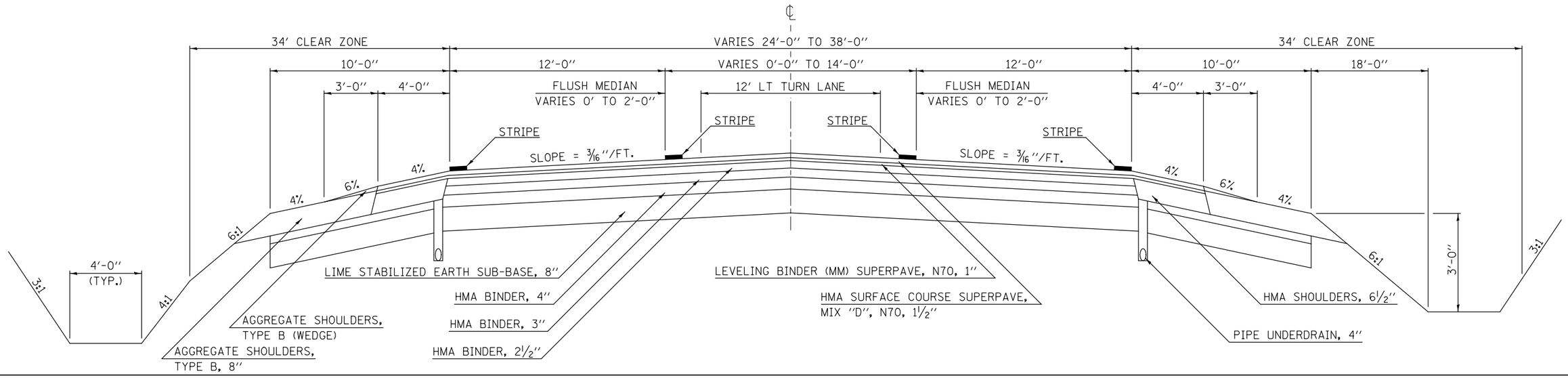
TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	12
	• 201RS-1,(200R)RS-2&200RS-3	CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

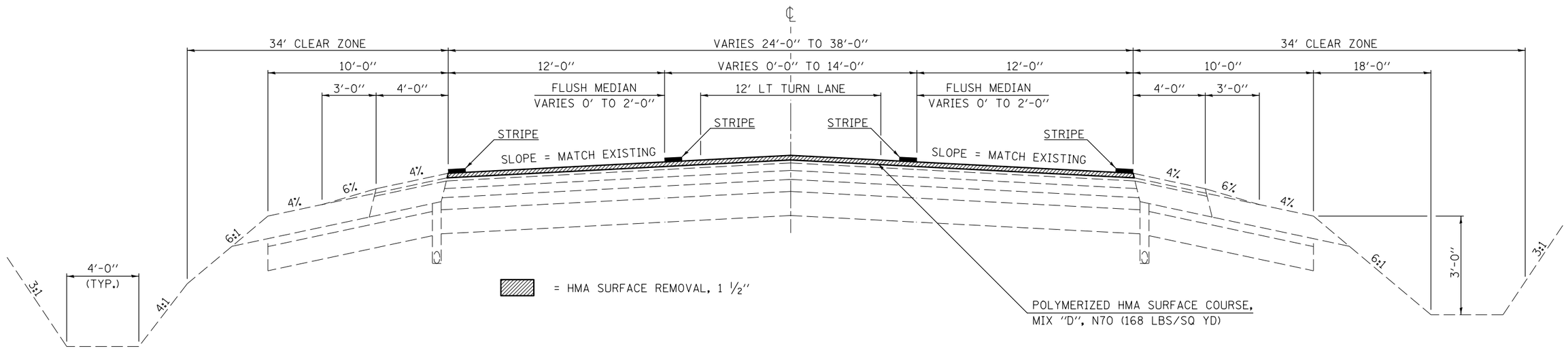
EXISTING TYPICAL CROSS SECTION (5)

	STATION	TO	STATION	
(3)	1+09.22		6+56.00	(6)
(6)	21+03.00		21+50.00	(9)



PROPOSED TYPICAL CROSS SECTION (5)

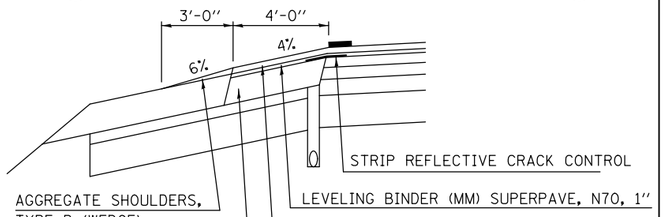
	STATION	TO	STATION	
(3)	1+09.22		6+56.00	(6)
(6)	21+03.00		21+50.00	(9)



FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			808	•	CHAMPAIGN	59	13
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

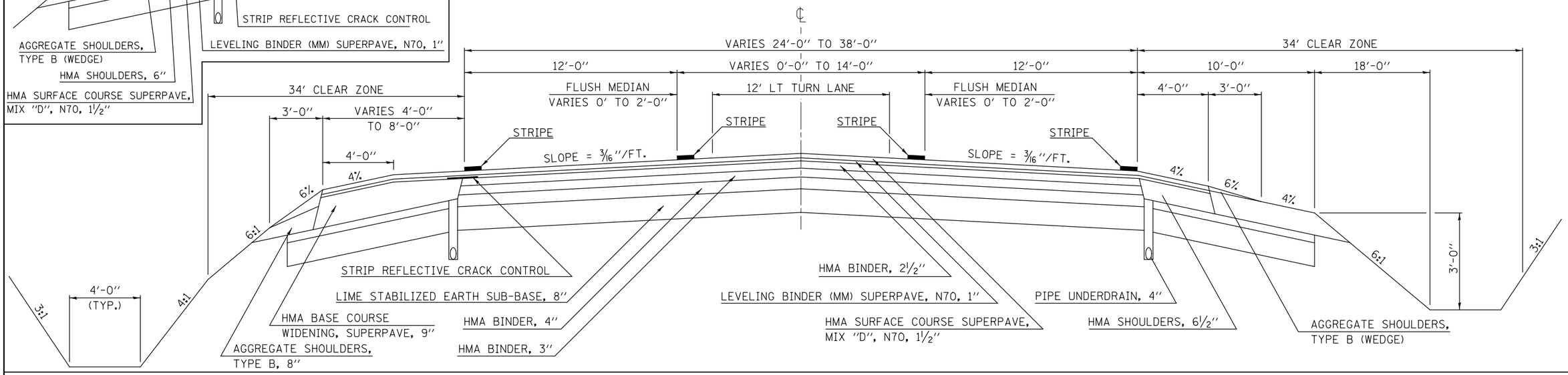
EXISTING SHOULDER

⑥ STA 10+67.00 TO STA 13+96.00 ⑦



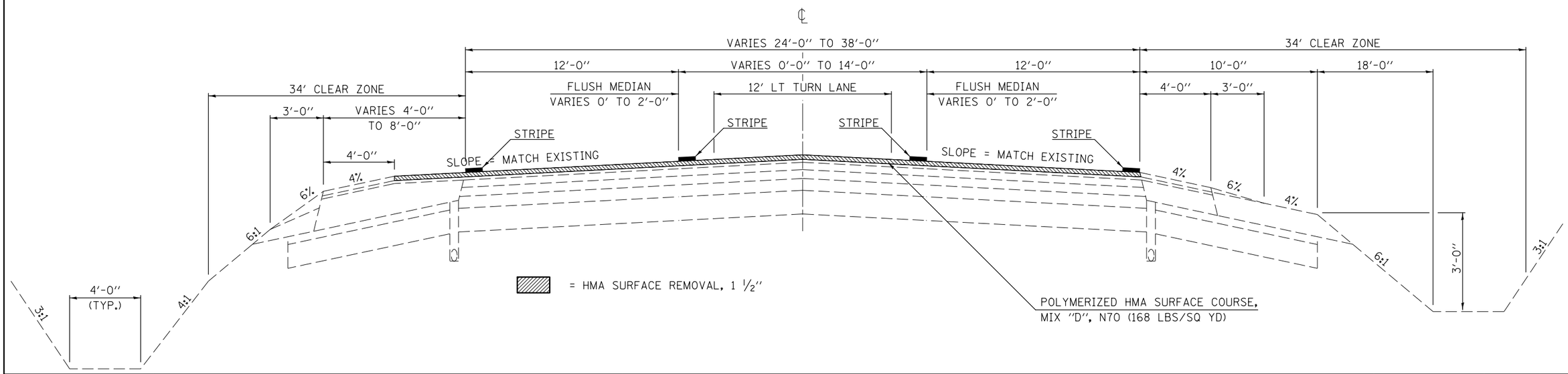
EXISTING TYPICAL CROSS SECTION 6

	STATION	TO	STATION	
⑤	6+56.00		10+67.00	⑥
⑧	19+91.00		21+03.00	⑤



PROPOSED TYPICAL CROSS SECTION 6

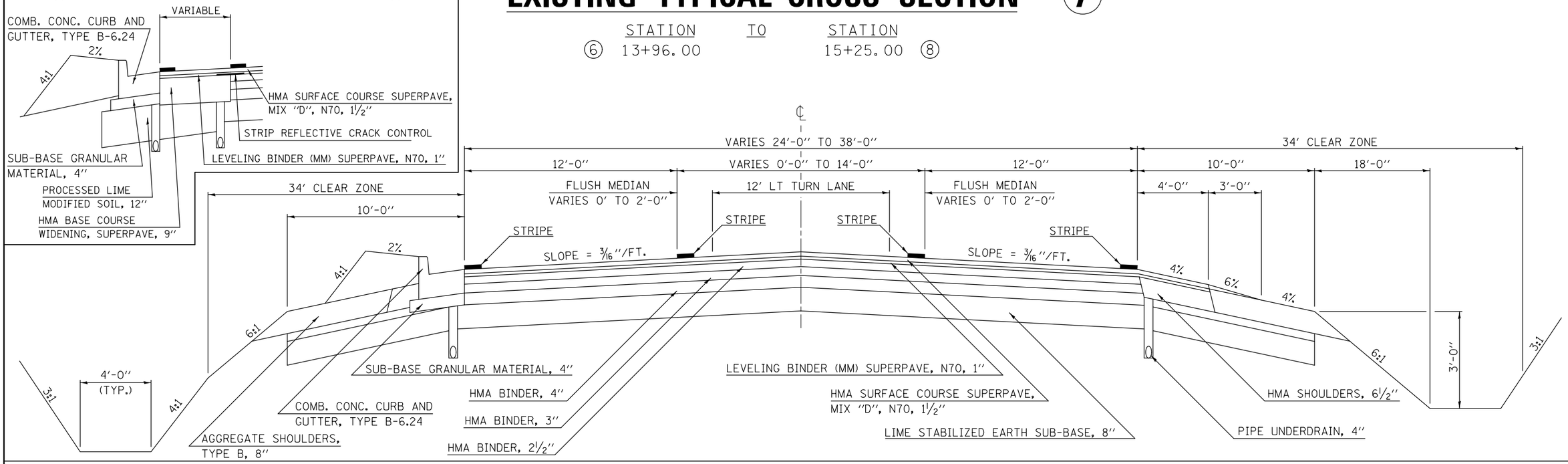
	STATION	TO	STATION	
⑤	6+56.00		10+67.00	⑥
⑧	19+91.00		21+03.00	⑤



FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					808	•	CHAMPAIGN	59	14
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.			ILLINOIS FED. AID PROJECT		

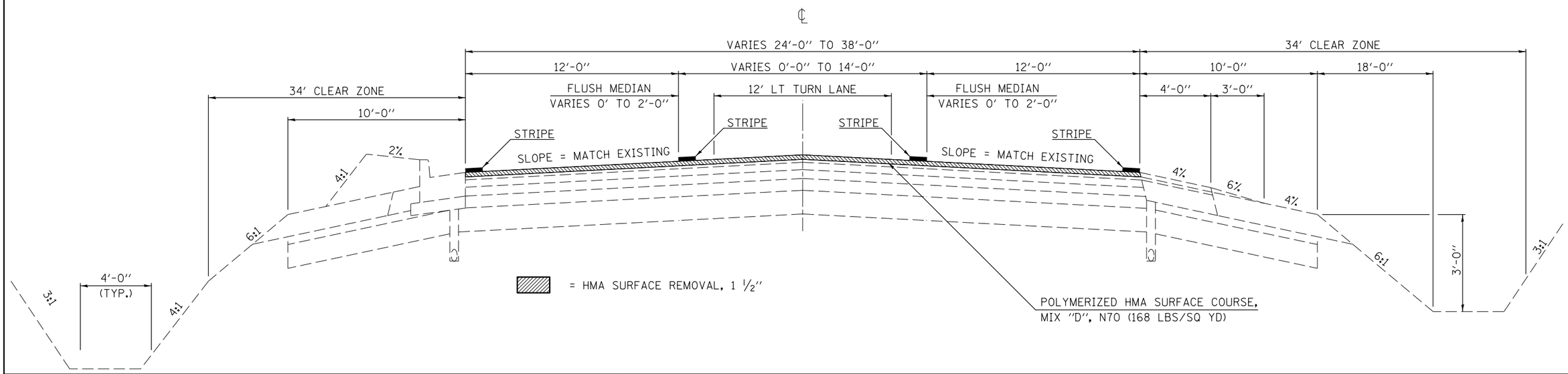
EXISTING TYPICAL CROSS SECTION (7)

STATION (6) 13+96.00 TO STATION 15+25.00 (8)



PROPOSED TYPICAL CROSS SECTION (7)

STATION (6) 13+96.00 TO STATION 15+25.00 (8)



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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

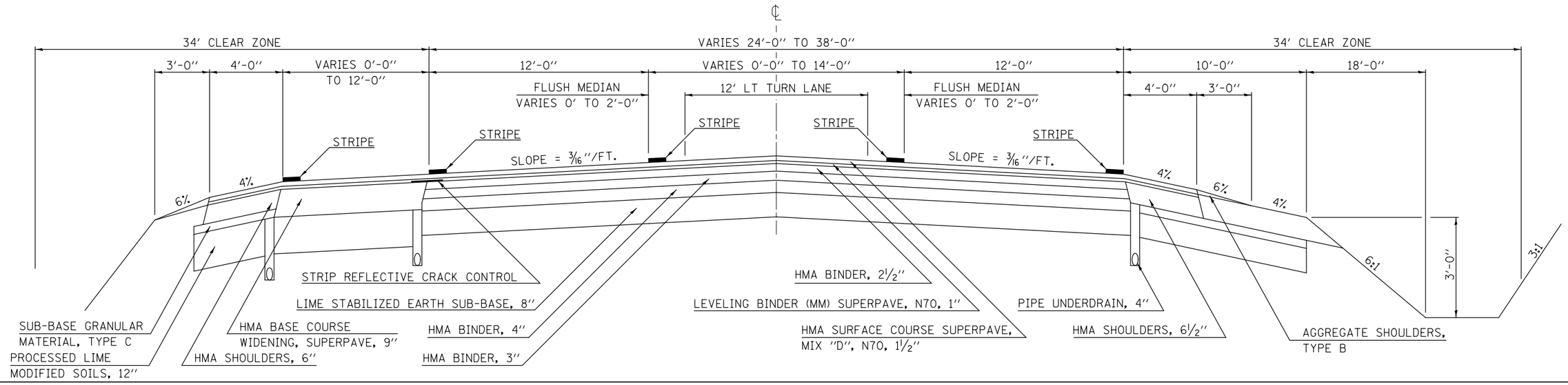
TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	15
201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

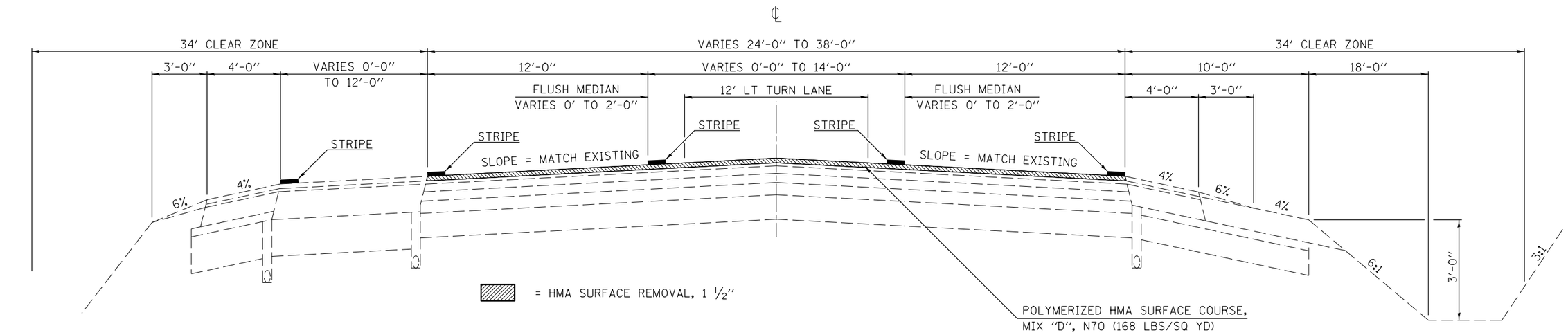
EXISTING TYPICAL CROSS SECTION (8)

STATION	TO	STATION
(8) 15+85.00		19+91.00 (6)



PROPOSED TYPICAL CROSS SECTION (8)

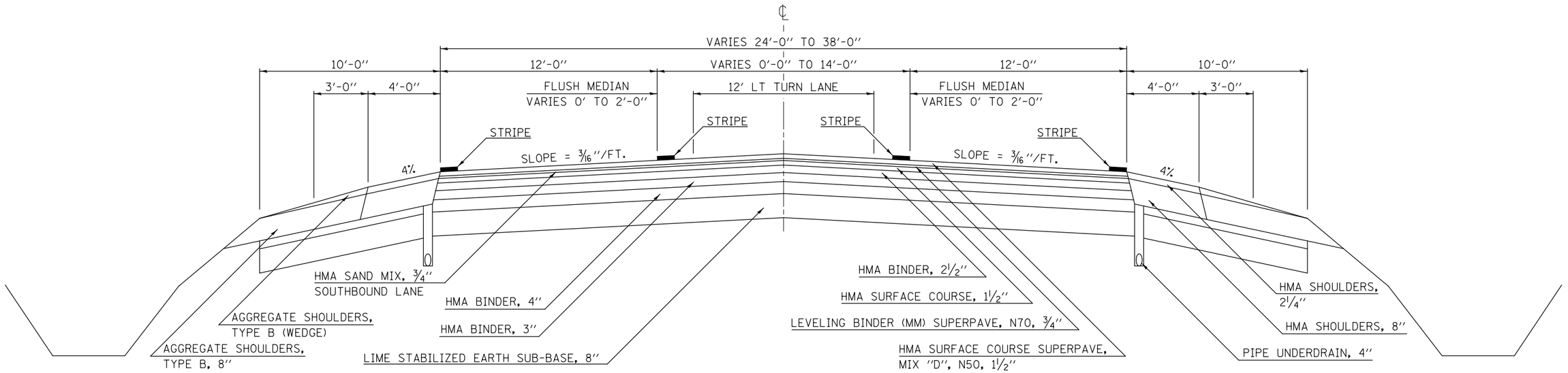
STATION	TO	STATION
(8) 15+85.00		19+91.00 (6)



FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\D570A54-sht-Typicals.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			808	*	CHAMPAIGN	59	16
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

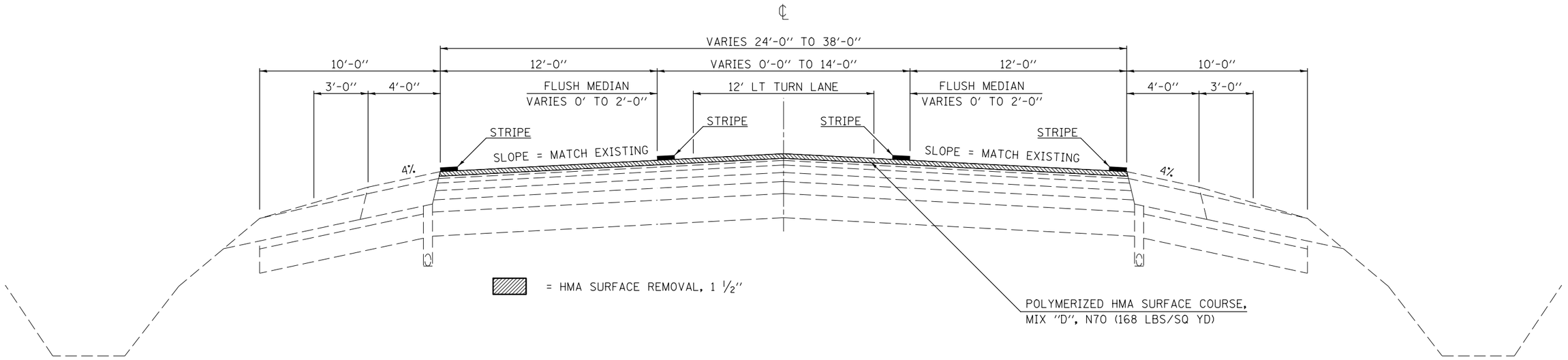
EXISTING TYPICAL CROSS SECTION (9)

	STATION	TO	STATION
(5)	21+50.00		41+29.95 (STRUCTURE OMISSION)
	41+64.20		55+72.04



PROPOSED TYPICAL CROSS SECTION (9)

	STATION	TO	STATION
(5)	21+50.00		41+29.95 (STRUCTURE OMISSION)
	41+64.20		55+72.04



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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	CHAMPAIGN	59	17
201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

SCHEDULE OF MAINLINE RESURFACING

STATION	TO	STATION	AVERAGE PROPOSED ROADWAY WIDTH	LENGTH	AREA	44000155 HMA SURFACE REMOVAL 1½ INCH	Z0010910 COLD MILLING SPECIAL	40600982 HMA SURFACE REMOVAL BUTT JT	40600275 BITUMINOUS MATERIALS (PRIME COAT)	COLD IN-PLACE RECYCLING 3½ INCH	CIR-FDR EMULSIFIED ASPHALT	40600839 LEVELING BINDER (MM), N50 1 INCH	40600839 LEVELING BINDER (MM), N50 1½ INCH	40603540 HMA SURFACE COURSE 1½ INCH
RURAL			FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	POUND	SQ YD	GALLON	TON	TON	TON
100+75.56		104+15.74	30.0	340.2	1,133.9	982.7	151.2	-	510.3	-	-	-	-	95.3
R.R. OMISSION						-	-	-	-	-	-	-	-	-
104+26.10		108+77.11	30.0	451.0	1,503.4	1,303.0	200.4	-	676.5	-	-	-	-	126.3
108+77.11		121+60.00	VAR.	1,282.9	6,642.0	6,071.8	570.2	-	2988.9	-	-	-	-	557.9
121+60.00		121+90.00	50.0	30.0	166.7	-	-	166.7	-	-	-	-	-	-
121+60.00		155+91.35	VAR.	3,431.4	11,561.4	-	-	-	7803.9	9903.0	12873.9	554.6	139.3	971.2
155+91.35		187+98.64	VAR.	3,207.3	14,981.0	-	-	-	10112.2	10777.8	14011.1	603.6	353.1	1258.4
187+98.64		331+65.62	24.0	14,367.0	38,311.9	-	-	-	25860.6	38311.9	49805.5	2145.5	-	3218.2
					RURAL SUB-TOTAL =	8,357.5	921.8	166.7	47,952.4	58,992.7	76,690.6	3,303.6	492.4	6,227.2
					RURAL USE =	8,358.0	922.0	167.0	47,953.0	58,993.0	76,691.0	3,304.0	493.0	6,228.0
URBAN														
331+65.62		369+80.91 (BK)	24.0	3,815.3	10,174.1	-	-	-	6867.5	10174.1	13226.3	569.7	-	854.6
0+00.00 (AH)		1+69.22	24.0	169.2	451.3	-	-	-	304.6	451.3	586.6	25.3	-	37.9
1+39.22		1+69.22	24.0	30.0	80.0	-	-	80.0	-	-	-	-	-	-
1+69.22		40+80.00	VAR.	3,910.8	14,218.0	14,218.0	-	-	6398.1	-	-	-	-	1194.3
BRIDGE OMISSION						-	-	-	-	-	-	-	-	-
42+14.67		55+72.04	24.0	1,357.4	3,619.7	3,619.7	-	-	1628.8	-	-	-	-	304.1
					URBAN SUB-TOTAL =	17,837.7	0.0	80.0	15,199.1	10,625.4	13,813.0	595.0	0.0	2,390.9
					URBAN USE=	17,838.0	0.0	80.0	15,200.0	10,626.0	13,813.0	596.0	0.0	2,391.0
					PROJECT TOTAL=	26,196.0	922.0	247.0**	63,153***	69,619.0	90,504.0	3,900.0	493.0	8,619.0

NOTES:
*AREAS WITH VARIABLE WIDTHS WERE OBTAINED USING CADD.
**NOT PROJECT TOTAL, TOTAL TO BE ADDED TO TOTAL SHOWN IN INCIDENTAL & HMA SHOULDER SCHEDULES FOR PROJECT TOTAL.
***NOT PROJECT TOTAL, TOTAL TO BE ADDED TO TOTAL SHOWN IN HMA SHOULDERS SCHEDULE FOR PROJECT TOTAL.

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\IDOTeng_3.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							808	•	CHAMPAIGN	59	18
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

INCIDENTAL RESURFACING AT SIDE ROADS

LOCATION	SIDE	STATION	DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT)	AREA TO RESURF. (SQ YD)	40800050 INCIDENTAL HMA SURFACE (TON)	X4400196 HMA SURF. REM. SPECIAL (SQ YD)	40600982 HMA SURF. REM. BUTT JT. (SQ YD)	40600985 PCC SURF. REM. BUTT JT. (SQ YD)	40800025 BITUMINOUS MATERIALS (PRIME COAT) (POUND)
RURAL									
Washington St.	RT	103+42.87	10.0	94.5	7.9	94.5	-	-	42.5
Grant St.	RT	108+43.32	10.0	76.6	6.4	76.6	-	-	34.5
Tyler St.	RT	111+03.73	10.0	78.4	6.6	78.4	-	-	35.3
Filmore St.	RT	114+92.71	10.0	70.3	5.9	70.3	-	-	31.6
E. Monroe St.	RT	119+06.64	139.0	947.0	79.5	947.0	-	-	426.2
W. Monroe St. / Shldr.	LT	119+06.64	60.0	825.0	69.3	825.0	-	-	371.3
W. 1000N	LT	171+90.78	50.0	220.9	27.8	-	82.9	-	99.4
E. 1000N (Sidney Rd)	RT	171+90.78	135.0	1187.1	149.6	-	151.9	-	534.2
W. 1100N	LT	225+04.10	50.0	189.1	23.8	-	78.5	-	85.1
E. 1100N	RT	225+05.95	50.0	232.9	29.3	-	93.4	-	104.8
W. 1200N	LT	278+54.50	50.0	263.8	33.2	-	105.9	-	118.7
E. 1200N	RT	278+56.42	50.0	210.0	26.5	-	89.8	-	94.5
E. 1300N (Curtis Rd)	RT	331+65.62	50.0	103.7	13.1	-	42.0	-	46.7
W. 1300N (Curtis Rd)	LT	331+65.62	50.0	119.6	15.1	-	46.9	-	53.8
		RURAL SUB-TOTAL =			494.1	2,091.8	691.3		2,078.5
URBAN									
E. 1300N (Curtis Rd)	RT	331+65.62	50.0	103.7	13.1	-	42.0	-	46.7
W. 1300N (Curtis Rd)	LT	331+65.62	50.0	119.6	15.1	-	46.9	-	53.8
Douglas Woods Dr.	RT	356+71.36	50.0	203.5	25.6	-	85.6	-	91.6
		URBAN SUB-TOTAL =			53.8	0.0	174.5	0.0	192.1

INCIDENTAL RESURFACING AT ENTRANCES

SIDE	STATION	TYPE	DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT)	AREA TO RESURF. (SQ YD)	40800050 INCIDENTAL HMA SURFACE (TON)	X4400196 HMA SURF. REM. SPECIAL (SQ YD)	40600982 HMA SURF. REM. BUTT JT. (SQ YD)	40600985 PCC SURF. REM. BUTT JT. (SQ YD)	40800025 BITUMINOUS MATERIALS (PRIME COAT) (POUND)
RURAL									
RT	101+14.50	PE	10.0	23.4	2.0	-	-	23.4	10.5
RT	101+89.20	PE	10.0	22.5	1.9	-	-	22.5	10.1
LT	104+52.20	PE	10.0	26.5	2.2	-	-	26.5	11.9
RT	105+72.50	PE	10.0	23.3	2.0	-	-	23.3	10.5
LT	105+98.40	PE	10.0	31.1	2.6	-	-	31.1	14.0
RT	106+10.80	PE	10.0	47.4	4.0	-	-	47.4	21.3
LT	108+25.40	PE	10.0	21.8	1.8	-	-	21.8	9.8
RT	116+23.20	PE	10.0	27.1	2.3	-	-	27.1	12.2
RT	117+15.30	CE	10.0	43.5	3.7	43.5	-	-	19.6
LT	120+26.80	CE	15.0	55.3	4.6	55.3	-	-	24.9
LT	121+03.00	CE	15.0	76.9	6.5	76.9	-	-	34.6
RT	228+00.00	MBTO	10.0	31.0	3.5	-	-	-	14.0
LT	228+00.00	PE	3.0	6.8	0.8	-	-	-	3.1
RT	263+25.70	MBTO	10.0	31.0	3.5	-	-	-	14.0
LT	310+72.00	PE	20.0	25.7	2.9	-	11.8	-	11.6
		RURAL SUB-TOTAL =			44.1	175.7	11.8	223.1	222.0
URBAN									
LT	350+38.70	MBTO	10.0	31.0	3.5	-	-	-	14.0
LT	363+60.00	MBTO	10.0	31.0	3.5	-	-	-	14.0
		URBAN SUB-TOTAL =			6.9	0.0	0.0	0.0	27.9
		RURAL TOTAL =			538.2	2,267.5	703.1	223.1	2,300.5
		RURAL USE =			539.0	2,268.0	704.0	224.0	2,301.0
		URBAN TOTAL =			60.7	0.0	174.5	0.0	220.0
		URBAN USE =			61.0	0.0	175.0	0.0	220.0
		PROJECT TOTAL =			600.0	2,268.0	879.0*	224.0	2,521.0

NOTES:
*NOT PROJECT TOTAL, TOTAL TO BE ADDED TO TOTAL SHOWN IN MAINLINE RESURFACING & HMA SHOULDERS SCHEDULES FOR PROJECT TOTAL.

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\IDOTeng_3.dgn	USER NAME = coombessf	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	CHAMPAIGN	59	19
*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

SCHEDULE OF QUANTITIES

40600990 TEMPORARY RAMP

		STATION	LENGTH	WIDTH	SQ YD
IL 130	RURAL				
		100+75.56	5	30.0	16.7
		104+15.74	5	30.0	16.7
		104+26.10	5	30.0	16.7
		121+60.00	5	50.0	27.8
				RURAL SUB-TOTAL =	77.8
	URBAN				
		1+69.22	5	24.0	13.3
		40+80.00	5	24.0	13.3
		42+14.67	5	24.0	13.3
		55+72.04	5	24.0	13.3
				URBAN SUB-TOTAL =	53.3
				IL 130 SUB-TOTAL =	131.1
SIDEROADS	RURAL				
W. MONROE ST.		119+06.64	5	47.0	26.1
W. 1000N		171+90.78	10	75.0	83.3
E. 1000N (SIDNEY RD EOP)		171+90.78	10	200.0	222.2
E. 1000N (SIDNEY RD BT JT)		171+90.78	5	45.0	25.0
W. 1100N		225+04.10	10	75.0	83.3
E. 1100N		225+05.95	10	89.0	98.9
W. 1200N		278+54.50	10	100.0	111.1
E. 1200N		278+54.62	10	75.0	83.3
W. 1300N (CURTIS RD)		331+65.62	10	46.0	51.1
E. 1300N (CURTIS RD)		331+65.62	10	42.0	46.7
				RURAL SUB-TOTAL =	831.1
	URBAN				
W. 1300N (CURTIS RD)		331+65.62	10	46.0	51.1
E. 1300N (CURTIS RD)		331+65.62	10	42.0	46.7
DOUGLAS WOODS DR		356+71.36	10	74.0	82.2
				URBAN SUB-TOTAL =	180.0
				URBAN TOTAL =	233.3
				RURAL TOTAL =	908.9
				PROJECT TOTAL =	1,142.2
				PROJECT USE =	1,143.0

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

STATION	TO STATION	DESCRIPTION	TWO WAY AMBER RRPM EACH	ONE WAY AMBER RRPM EACH	ONE WAY CRYSTAL RRPM EACH
RURAL					
100+87.00 *	107+56.50	DOUBLE NO PASSING	18.0	-	-
107+56.50	111+54.80	CENTERLINE	5.0	-	-
111+54.80 *	114+42.50	STRIPED MEDIAN	-	16.0	-
115+43.70 *	118+50.50	STRIPED MEDIAN	-	16.0	-
115+45.68	116+25.20	TURN LANE	-	-	3.0
117+28.14	118+50.50	TURN LANE	-	-	4.0
119+62.50 *	134+42.39	STRIPED MEDIAN	-	74.0	-
119+62.50	122+79.64	TURN LANE	-	-	8.0
134+42.39 *	135+62.39	DOUBLE NO PASSING	6.0	-	-
135+62.39	156+80.00	CENTERLINE	27.0	-	-
156+80.00	158+00.00	CENTERLINE	6.0	-	-
158+00.00 *	171+45.50	STRIPED MEDIAN	-	68.0	-
168+25.00	171+45.50	TURN LANE	-	-	9.0
172+45.50 *	185+26.40	STRIPED MEDIAN	-	66.0	-
172+49.50	175+61.51	TURN LANE	-	-	8.0
185+26.40 *	186+46.40	DOUBLE NO PASSING	6.0	-	-
186+46.40	331+65.62	CENTERLINE	182.0	-	-
		IL 130 RURAL SUB-TOTAL =	250.0	240.0	32.0
URBAN					
331+65.62	369+80.91 (BK)	CENTERLINE	48.0	-	-
0+00.00 (AH)	5+30.00	CENTERLINE	7.0	-	-
5+30.00 *	6+50.00	DOUBLE NO PASSING	6.0	-	-
6+50.00 *	11+50.00	STRIPED MEDIAN	-	26.0	-
11+50.00 *	14+50.00	DOUBLE NO PASSING	16.0	-	-
11+50.00	14+50.00	TURN LANE		-	8.0
15+49.00 *	18+30.00	DOUBLE NO PASSING	16.0	16.0	-
15+49.00 *	18+30.00	STRIPED MEDIAN	-	16.0	-
15+49.00	18+30.00	LT TURN LANE	-	-	8.0
15+49.00	18+30.00	RT TURN LANE	-	-	8.0
18+30.00 *	28+47.00	STRIPED MEDIAN	-	52.0	-
28+47.00	31+07.00	TURN LANE	-	-	7.0
28+47.00 *	31+07.00	DOUBLE NO PASSING	14.0	-	-
32+04.00 *	35+59.00	STRIPED MEDIAN	-	18.0	-
35+59.00 *	36+79.00	DOUBLE NO PASSING	6.0	-	-
36+79.00	55+72.04	CENTERLINE	24.0	-	-
		IL 130 URBAN SUB-TOTAL =	137.0	128.0	31.0
		TOTAL FOR EACH TYP	387.0	368.0	63.0
		PROJECT TOTAL =	818.0		

* NOTE: DOUBLE NO PASSING ZONE REQUIRES DOUBLE RRPMS.

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	20
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SHOULDERS

SIDE	STATION	TO	STATION		LENGTH (FOOT)	AREA (SQ YD)	48203100 HOT-MIX ASPHALT SHOULDERS (TON)	40600982 HMA SURFACE REMOVAL BUTT JT (SQ YD)	44004250 PAVED SHOULDER REMOVAL (SQ YD)	40600275 BITUMINOUS MATERIALS (PRIME COAT) (POUND)
LT	RURAL									
LT	121+60.00	TO	171+55.80		4,995.8	2,220.4	310.8	-	-	999.2
LT	121+60.00	TO	121+90.00		30.0	13.3	-	13.3	-	-
LT	172+31.60	TO	224+65.20		5,233.6	2,326.0	325.6	-	-	1,046.7
LT	225+40.30	TO	278+00.00		5,259.7	2,337.6	327.3	-	-	1,051.9
LT	279+00.00	TO	331+15.20		5,215.2	2,317.9	324.5	-	-	1,043.0
					RURAL SUB-TOTAL =		1,288.3	13.3	0.0	4,140.9
LT	URBAN									
LT	332+07.40	TO	369+80.91	(BK)	3,773.5	1,677.1	234.8	-	-	754.7
LT	0+00.00 (AH)	TO	1+69.22		169.2	75.2	10.5	-	-	33.8
LT	1+39.22	TO	1+69.22		30.0	13.3	-	13.3	-	-
					URBAN SUB-TOTAL =		245.3	13.3	0.0	788.5

HOT-MIX ASPHALT SHOULDERS

SIDE	STATION	TO	STATION		LENGTH (FOOT)	AREA (SQ YD)	48203100 HOT-MIX ASPHALT SHOULDERS (TON)	40600982 HMA SURFACE REMOVAL BUTT JT (SQ YD)	44004250 PAVED SHOULDER REMOVAL (SQ YD)	40600275 BITUMINOUS MATERIALS (PRIME COAT) (POUND)
RT	RURAL									
RT	120+60.00	TO	171+00.00		5,040.0	2,240.0	313.6	-		1,008.0
RT	120+60.00	TO	120+90.00		30.0	13.3	-	13.3		-
RT	120+90.00	TO	121+60.00		70.0	31.1	-	-	31.1	-
RT	173+21.70	TO	224+60.60		5,138.9	2,284.0	319.8	-	-	1,027.8
RT	225+50.00	TO	278+22.20		5,272.2	2,343.2	328.0	-	-	1,054.4
RT	278+98.00	TO	331+20.90		5,222.9	2,321.3	325.0	-	-	1,044.6
					RURAL SUB-TOTAL =		1,286.4	13.3	31.1	4,134.8
RT	URBAN									
RT	332+04.30	TO	369+80.91	(BK)	3,776.6	1,678.5	235.0	-	-	755.3
RT	0+00.00 (AH)	TO	1+69.22		169.2	75.2	10.5	-	-	33.8
RT	1+39.22	TO	1+69.22		30.0	13.3	-	13.3	-	-
					URBAN SUB-TOTAL =		245.5	13.3	0.0	789.2
					RURAL TOTAL =		2,574.6	26.7	31.1	8,275.7
					URBAN TOTAL =		490.8	26.7	0.0	1,577.7
					PROJECT TOTAL =		3,065.5	53.3	31.1	9,853.4
					USE TOTAL =		3,066.0	54.0**	32.0	9,854.0*

NOTES:
*NOT PROJECT TOTAL, TOTAL TO BE ADDED TO TOTAL SHOWN IN MAINLINE RESURFACING SCHEDULE FOR GRAND TOTAL.
**NOT PROJECT TOTAL, TOTAL TO BE ADDED TO TOTAL SHOWN IN MAINLINE RESURFACING & INCIDENTAL RESURFACING SCHEDULES FOR GRAND TOTAL.

48101200 AGGREGATE SHOULDERS, TYPE B

	STATION	TO		STATION		LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	AVG. THICKNESS INCHES	TONS
	RURAL									
LT	121+60.00		LT	331+65.62		21,005.6	6.0	126,033.7	1.63	1,141.3
RT	120+60.00		RT	331+65.62		21,105.6	6.0	126,633.7	1.63	1,146.7
									RURAL SUB-TOTAL =	2,288.0
	URBAN									
LT	331+65.62		LT	369+80.91	(BK)	3,815.3	6.0	22,891.7	1.63	207.3
LT	0+00.00	(AH)		1+69.22		169.2	6.0	1,015.3	1.63	9.2
RT	0+00.00	(AH)		1+69.22		169.2	6.0	1,015.3	1.63	9.2
RT	331+65.62		RT	369+80.91	(BK)	3,815.3	6.0	22,891.7	1.63	207.3
									URBAN SUB-TOTAL =	433.0
									PROJECT TOTAL =	2,721.0
									PROJECT USE =	2,721.0

NOTES:
1. CONVERSION FACTOR OF 1.8 TONS/ CU YD WAS USED TO CALCULATE QUANTITY.
2. AVG. THICKNESS OF 1.63" WAS DERIVED BY ASSUMING THICKNESS OF 2.5" REQUIRED AT PAVEMENT EDGE AND 0.75 " THICKNESS AT OUTSIDE EDGE. (THIS WAS DONE TO ACCOMMODATE FOR LOW SHOULDERS, ACTUAL FIELD CONDITIONS MAY VARY).

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

SIDE	STATION	TO	STATION	FOOT
LT	RURAL			
LT	121+60.00	LT	171+55.80	3,996.6
LT	172+31.60	LT	224+65.20	4,186.9
LT	225+40.30	LT	278+00.00	4,207.8
LT	279+00.00	LT	331+15.20	4,172.2
			RURAL SUB-TOTAL =	16,563.4
LT	URBAN			
LT	332+07.40	LT	369+80.91 (BK)	3,018.8
LT	0+00.00 (AH)	LT	1+69.22	135.4
			URBAN SUB-TOTAL =	3,154.2

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

SIDE	STATION	TO	STATION	FOOT
RT	RURAL			
RT	120+60.00	RT	171+00.00	4,032.00
RT	173+21.70	RT	224+60.60	4,111.12
RT	225+50.00	RT	278+22.20	4,217.76
RT	278+98.00	RT	331+20.90	4,178.32
			RURAL SUB-TOTAL =	16,539.20
RT	URBAN			
RT	332+04.30	RT	369+80.91 (BK)	3,021.29
RT	0+00.00 (AH)	RT	1+69.22	135.4
			URBAN SUB-TOTAL =	3156.7
			RURAL TOTAL =	33102.6
			URBAN TOTAL =	6310.9
			PROJECT TOTAL =	39413.5
			USE TOTAL =	39414.0

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\IDOTeng_3.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 12/9/2014	CHECKED -	REVISED -		
		DATE -	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	21
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

78001110 PAINT PAVEMENT MARKING - LINE 4" (WHITE)

EDGELINES SINGLE SOLID WHITE

	STATION		TO		STATION		78001110 FOOT	70300220 TEMP PVT MK - 4" FOOT
	RURAL							
LT	180+84.00			LT	224+65.20		4,381.2	4,381.2
RT	180+84.00			RT	224+60.60		4,376.6	4,376.6
LT	225+40.30			LT	278+00.00		5,259.7	5,259.7
RT	225+50.00			RT	278+22.20		5,272.2	5,272.2
RT	278+98.00			RT	331+20.90		5,222.9	5,222.9
LT	279+00.00			LT	331+15.20		5,215.2	5,215.2
					RURAL SUB-TOTAL =		29,727.8	29,727.8
	URBAN							
LT	331+15.20			LT	369+80.91	(BK)	3,865.7	3,865.7
RT	331+20.90			RT	369+80.91	(BK)	3,860.0	3,860.0
LT	0+00.00	(AH)		LT	6+50.00		650.0	650.0
RT	0+00.00	(AH)		RT	6+50.00		650.0	650.0
					URBAN SUB-TOTAL =		9,025.7	9,025.7

78001110 PAINT PAVEMENT MARKING - LINE 4" (YELLOW)

CENTERLINE SKIP-DASH

STATION	TO	STATION	78001110 FOOT	70300220 TEMP PVT MK - 4" FOOT	70300100 SHRT TRM PVT MK FOOT	70301000 WRK ZONE PVT MK REM SQ FT
RURAL						
182+04.00		331+65.62	3,740.4	3,740.4	4,488.5	1481.2
		RURAL SUB-TOTAL =	3,740.4	3,740.4	4,488.5	1,481.2
URBAN						
331+65.62		369+80.91 (BK)	953.8	953.8	1144.6	377.7
0+00.00 (AH)		5+30.00	132.5	132.5	53.0	17.5
		URBAN SUB-TOTAL =	1,086.3	1,086.3	1,197.6	395.2

NO PASSING ZONE SOLID YELLOW

STATION	DESCRIPTION	TO	STATION	DESCRIPT	78001110 FOOT	70300220 TEMP PVT MK - 4" FOOT	70300100 SHRT TRM PVT MK FOOT	70301000 WRK ZONE PVT MK REM SQ FT
RURAL								
180+84.00	BEG. N.B.		182+04.00	END N.B.	120.0	120.0	-	-
180+84.00	BEG. S.B.		185+84.00	END S.B.	500.0	500.0	-	-
				RURAL SUB-TOTAL =	620.0	620.0	-	-
URBAN								
1+50.00	BEG. N.B.		6+50.00	END N.B.	500.0	500.0		
5+30.00	BEG. S.B.		6+50.00	END S.B.	120.0	120.0	-	-
				URBAN SUB-TOTAL =	620.0	620.0	-	-
				RURAL TOTAL =	34,088.2	34,088.2	4,488.5	1,481.2
				RURAL USE =	34,089.0	34,089.0	4,489.0	1,482.0
				URBAN TOTAL =	10,732.0	10,732.0	1,197.6	395.2
				URBAN USE =	10,733.0	10,733.0	1,198.0	396.0
				PROJECT TOTAL =	44,822.0	-	-	-

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		DRAWN -	REVISED -
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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	22
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

SCHEDULE OF QUANTITIES

78000200 THERMOPLASTIC PAVEMENT MARKING LINE - 4"

EDGELINES/TURN LANES SINGLE SOLID WHITE

	STATION	TO		STATION	78000200 FOOT	70300220 TEMP PVT MK - 4" FOOT	X7830070 GRV RCSD PVT MRKG 5" FOOT	X7830077 GRV RCSD PVT MRKG 11" FOOT
	RURAL							
LT	115+45.00	(SB LT TURN LANE)	LT	116+25.20	80.2	80.2	80.2	-
RT	117+28.14	(NB LT TURN LANE)	RT	118+50.50	122.4	122.4	122.4	-
LT	119+50.00		LT	171+55.80	5,205.8	5,205.8	5,205.8	-
LT	119+62.50	(SB LT TURN LANE)	LT	122+80.50	318.0	318.0	318.0	-
RT	120+60.00		RT	171+00.00	5,040.0	5,040.0	5,040.0	-
RT	168+37.50	(NB LT TURN LANE)	RT	171+37.50	300.0	300.0	300.0	-
RT		SIDNEY RD (EDGES L& TURN	RT		620.0	620.0	620.0	-
LT	172+31.60		LT	180+84.00	852.4	852.4	852.4	-
LT	172+44.00	(SB LT TURN LANE)	LT	175+44.00	300.0	300.0	300.0	-
RT	173+21.70		RT	180+84.00	762.3	762.3	762.3	-
				RURAL SUB-TOTAL =	13,601.1	13,601.1	13,601.1	0.0
	URBAN							
LT	6+50.00		LT	13+49.00	699.0	699.0	699.0	-
RT	6+50.00		RT	13+94.00	744.0	744.0	744.0	-
RT	11+50.00	(NB LT TURN LANE)	RT	14+50.00	300.0	300.0	300.0	-
LT	15+49.00	(SB LT TURN LANE)	LT	18+30.00	281.0	281.0	281.0	-
LT	15+49.00	(SB RT TURN LANE)	LT	18+30.00	281.0	281.0	281.0	-
RT	16+38.00		RT	30+97.00	1,459.0	1,459.0	1,459.0	-
LT	21+10.00		LT	30+75.00	965.0	965.0	965.0	-
RT	28+49.00	(NB LT TURN LANE)	RT	31+07.00	258.0	258.0	258.0	-
RT	32+38.00		RT	40+80.00	842.0	842.0	842.0	-
LT	32+38.00		LT	40+80.00	842.0	842.0	842.0	-
RT	42+14.67		RT	55+72.04	1357.4	1357.4	1357.4	-
LT	42+14.67		LT	55+72.04	1357.4	1357.4	1357.4	-
				URBAN SUB-TOTAL =	9,385.7	9,385.7	9,385.7	0.0

MEDIAN STRIPING DOUBLE SOLID YELLOW

	STATION		TO	STATION	78000200 FOOT	70300220 TEMP PVT MK - 4" FOOT	X7830070 GRV RCSD PVT MRKG 5" FOOT	X7830077 GRV RCSD PVT MRKG 11" FOOT
	RURAL							
CL	100+87.00	(DOUBLE NO PASSING)		104+15.74	657.5	657.5	-	328.7
CL	104+26.10	(DOUBLE NO PASSING)		107+56.50	660.8	660.8	-	330.4
LT	111+54.80	(LT SIDE OF MEDIAN)		114+42.50	575.4	575.4	-	287.7
RT	111+54.80	(RT SIDE OF MEDIAN)		114+42.50	575.4	575.4	-	287.7
LT	115+43.70	(LT SIDE OF MEDIAN)		118+50.50	613.6	613.6	-	306.8
RT	115+43.70	(RT SIDE OF MEDIAN)		118+50.50	613.6	613.6	-	306.8
LT	119+62.50	(LT SIDE OF MEDIAN)		134+42.39	2,959.8	2,959.8	-	1,479.9
RT	119+62.50	(RT SIDE OF MEDIAN)		134+42.39	2,959.8	2,959.8	-	1,479.9
CL	134+42.39	(DOUBLE NO PASSING)		135+62.39	240.0	240.0	-	120.0
LT	135+62.39	(SB SINGLE NO PASSING)		139+42.39	380.0	380.0	380.0	-
RT	157+97.00	(NB SINGLE NO PASSING)		161+77.00	380.0	380.0	380.0	-
CL	161+77.00	(DOUBLE NO PASSING)		162+97.00	240.0	240.0	-	120.0
LT	162+97.00	(LT SIDE OF MEDIAN)		171+37.50	1,681.0	1,681.0	-	840.5
RT	162+97.00	(RT SIDE OF MEDIAN)		171+37.50	1,681.0	1,681.0	-	840.5
RT	1100+33.13	SIDNEY RD (DBL NO PASSING)		1101+48.13	230.0	230.0	-	115.0
LT	172+44.00	(LT SIDE OF MEDIAN)		180+84.00	1,680.0	1,680.0	-	840.0
RT	172+44.00	(RT SIDE OF MEDIAN)		180+84.00	1,680.0	1,680.0	-	840.0
				RURAL SUB-TOTAL =	17,807.8	17,807.8	760.0	8,523.9
	URBAN							
LT	6+50.00	(LT SIDE OF MEDIAN)		11+50.00	1,000.0	1,000.0	-	500.0
RT	6+50.00	(RT SIDE OF MEDIAN)		11+50.00	1,000.0	1,000.0	-	500.0
LT	11+50.00	(NB LT TURN LANE)		14+50.00	600.0	600.0	-	300.0
RT	15+49.00	(SB LT TURN LANE)		18+30.00	562.0	562.0	-	281.0
LT	18+30.00	(LT SIDE OF MEDIAN)		28+49.00	2,038.0	2,038.0	-	1,019.0
RT	18+30.00	(RT SIDE OF MEDIAN)		28+49.00	2,038.0	2,038.0	-	1,019.0
LT	28+49.00	(NB LT TURN LANE)		31+07.00	516.0	516.0	-	258.0
LT	32+04.00	(LT SIDE OF MEDIAN)		35+59.00	710.0	710.0	-	355.0
RT	32+04.00	(RT SIDE OF MEDIAN)		35+59.00	710.0	710.0	-	355.0
CL	35+59.00	(DOUBLE NO PASSING)		36+79.00	240.0	240.0	-	120.0
LT	36+79.00	(SB SINGLE NO PASSING)		40+59.00	380.0	380.0	380.0	-
				URBAN SUB-TOTAL =	9,794.0	9,794.0	380.0	4,707.0

CENTERLINE SKIP-DASH YELLOW

STATION	TO	STATION	78000200 FOOT	70300220 TEMP PVT MK - 4" FOOT	70300100 SHRT TRM PVT MK FOOT	70301000 WRK ZONE PVT MK REM SQ FT	X7830070 GRV RCSD PVT MRKG 5" FOOT
RURAL							
107+56.50		111+54.80	99.6	99.6	79.7	26.3	99.6
135+62.39		161+77.00	653.7	653.7	784.4	258.8	653.7
		RURAL SUB-TOTAL =	753.2	753.2	864.0	285.1	753.2
URBAN							
36+79.00		55+72.04	473.3	473.3	378.6	124.9	473.3
		URBAN SUB-TOTAL =	473.3	473.3	378.6	124.9	473.3
		RURAL TOTAL =	32,162.1	66,250.3	5,352.5	1,766.3	15,114.3
		RURAL USE =	32,163.0	66,251.0	5,353.0	1,767.0	15,115.0
		URBAN TOTAL =	19,653.0	30,385.0	1,576.2	520.1	10,239.0
		URBAN USE =	19,653.0	30,386.0	1,577.0	521.0	10,239.0
		PROJECT TOTAL =	51,816.0	96,637.0	6,930.0	2,288.0	25,354.0

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	23
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

78000400 THERMOPLASTIC PAVEMENT MARKING LINE - 6"

6" WHITE LOCATION DESCRIPTION		78000400 FOOT	70300240 TEMP PVT MK - 6" FOOT	X7830074 GRV RCSD PVT MRKG 7" FOOT
RURAL				
ISLAND STRIPING AT IL 130 & W. MONROE ST.		175.0	175.0	175.0
ISLAND STRIPING AT IL 130 & E. MONROE ST.		175.0	175.0	175.0
ISLAND STRIPING AT IL 130 & SYDNEY RD.		125.0	125.0	125.0
	RURAL TOTAL =	475.0	475.0	475.0

78000600 THERMOPLASTIC PAVEMENT MARKING LINE - 12"

12" DIAGONAL (YELLOW) STATION	DESCRIPTION	TO STATION	78000600 FOOT	70300260 TEMP PVT MK - 12" FOOT	X7830078 GRV RCSD PVT MRKG 13" FOOT
RURAL					
111+54.80	STRIPED MEDIAN	114+42.50	205.0	205.0	205.0
115+43.70	STRIPED MEDIAN	118+50.50	115.0	115.0	115.0
119+62.50	STRIPED MEDIAN	134+42.39	625.0	625.0	625.0
162+97.00	STRIPED MEDIAN	171+37.50	337.0	337.0	337.0
172+44.00	STRIPED MEDIAN	180+84.00	337.0	337.0	337.0
		RURAL SUB-TOTAL =	1619.0	1619.0	1619.0
URBAN					
6+50.00	STRIPED MEDIAN	11+50.00	75	75.0	75.0
18+30.00	STRIPED MEDIAN	28+49.00	345	345.0	345.0
32+04.00	STRIPED MEDIAN	35+59.00	95	95.0	95.0
		URBAN SUB-TOTAL =	515.0	515.0	515.0

12" DIAGONAL (WHITE) DESCRIPTION		78000600 FOOT	70300260 TEMP PVT MK - 12" FOOT	X7830078 GRV RCSD PVT MRKG 13" FOOT
RURAL				
ISLAND STRIPING AT IL 130 & W. MONROE ST.		138.0	138.0	138.0
ISLAND STRIPING AT IL 130 & E. MONROE ST.		138.0	138.0	138.0
ISLAND STRIPING AT IL 130 & SYDNEY RD.		61.0	61.0	61.0
SYDNEY RD SHOULDER STRIPING FOR RT TURN LANE		205.0	205.0	205.0
	RURAL SUB-TOTAL =	542.0	542.0	542.0
	RURAL TOTAL =	2161.0	2161.0	2161.0
	RURAL USE =	2161.0	2161.0	2161.0
	URBAN TOTAL =	515.0	515.0	515.0
	URBAN USE =	515.0	515.0	515.0

78000650 THERMOPLASTIC PAVEMENT MARKING LINE - 24"

LOCATION DESCRIPTION	STATION	78000650 FOOT	70300280 TEMP PVT MRK - 24" FOOT	X7830090 GRV RCSD PVT MRKG 25" FOOT
RURAL				
IL 130 N.B.	100+97.00	15.0	15.0	15.0
IL 130 N.B.	101+47.00	15.0	15.0	15.0
IL 130 N.B.	103+97.00	15.0	15.0	15.0
IL 130 S.B.	104+46.50	15.0	15.0	15.0
IL 130 S.B.	106+96.50	15.0	15.0	15.0
IL 130 S.B.	107+46.50	15.0	15.0	15.0
W. MONROE ST. RT TURN		18.0	18.0	18.0
W. MONROE ST. E.B. LANE		12.0	12.0	12.0
E. MONROE ST. W.B. LANE		12.0	12.0	12.0
E. MONROE ST. RT TURN		18.0	18.0	18.0
SYDNEY RD. W.B LANE		11.0	11.0	11.0
SYDNEY RD. RT TURN		18.0	18.0	18.0
	RURAL TOTAL =	179.0	179.0	179.0
	RURAL USE =	179.0	179.0	179.0
URBAN				
IL 130 N.B.	14+50.00	24.0	24.0	24.0
IL 130 S.B.	15+49.00	24.0	24.0	24.0
	URBAN TOTAL =	48.0	48.0	48.0
	URBAN USE =	48.0	48.0	48.0

FILE NAME = c:\pw_work\pwidot\coombessf\d0373662\IDOTeng_3.dgn	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -		SCALE:
	PLOT DATE = 12/9/2014	CHECKED -	REVISED -		SHEET NO. OF SHEETS
		DATE -	REVISED -		STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	24
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

DESCRIPTION	STATION	78000100 SQ. FT.	70300210 TEMP PVT MK LTR & SYM SQ. FT.
RURAL			
R.R. CROSSING	101+22.00	61.2	61.2
R.R. CROSSING	107+21.50	61.2	61.2
LEFT TURN ARROW	115+63.00	15.6	15.6
LEFT TURN ARROW	116+25.00	15.6	15.6
LEFT TURN ARROW	117+28.14	15.6	15.6
LEFT TURN ARROW	117+80.32	15.6	15.6
LEFT TURN ARROW	118+32.50	15.6	15.6
LEFT TURN ARROW	119+80.50	15.6	15.6
LEFT TURN ARROW	120+55.50	15.6	15.6
LEFT TURN ARROW	121+30.50	15.6	15.6
LEFT TURN ARROW	122+05.50	15.6	15.6
LEFT TURN ARROW	122+80.50	15.6	15.6
LEFT TURN ARROW	168+37.50	15.6	15.6
LEFT TURN ARROW	169+08.00	15.6	15.6
LEFT TURN ARROW	169+78.50	15.6	15.6
LEFT TURN ARROW	170+49.00	15.6	15.6
LEFT TURN ARROW	171+19.50	15.6	15.6
LEFT TURN ARROW	172+62.00	15.6	15.6
LEFT TURN ARROW	173+33.00	15.6	15.6
LEFT TURN ARROW	174+03.00	15.6	15.6
LEFT TURN ARROW	174+74.00	15.6	15.6
LEFT TURN ARROW	175+44.00	15.6	15.6
	RURAL TOTAL =	434.4	434.4
	RURAL USE =	435.0	435.0
URBAN			
LEFT TURN ARROW	11+50.03	15.6	15.6
LEFT TURN ARROW	12+20.50	15.6	15.6
LEFT TURN ARROW	12+91.00	15.6	15.6
LEFT TURN ARROW	13+61.50	15.6	15.6
LEFT TURN ARROW	14+32.00	15.6	15.6
LEFT TURN ARROW	15+67.00	15.6	15.6
LEFT TURN ARROW	16+33.00	15.6	15.6
LEFT TURN ARROW	16+98.50	15.6	15.6
LEFT TURN ARROW	17+64.00	15.6	15.6
LEFT TURN ARROW	18+30.00	15.6	15.6
LEFT TURN ARROW	28+49.00	15.6	15.6
LEFT TURN ARROW	29+29.00	15.6	15.6
LEFT TURN ARROW	30+09.00	15.6	15.6
LEFT TURN ARROW	30+89.00	15.6	15.6
	URBAN TOTAL =	218.4	218.4
	URBAN USE =	219.0	219.0

78100100 RAISED REFLECTIVE PAVEMENT MARKERS

STATION	TO	STATION	DESCRIPTION	TWO WAY AMBER RRPM EACH	ONE WAY AMBER RRPM EACH	ONE WAY CRYSTAL RRPM EACH
RURAL						
100+87.00 *		107+56.50	DOUBLE NO PASSING	18.0	-	-
107+56.50		111+54.80	CENTERLINE	5.0	-	-
111+54.80 *		114+42.50	STRIPED MEDIAN	-	16.0	-
115+43.70 *		118+50.50	STRIPED MEDIAN	-	16.0	-
115+45.68		116+25.20	TURN LANE	-	-	3.0
117+28.14		118+50.50	TURN LANE	-	-	4.0
119+62.50 *		134+42.39	STRIPED MEDIAN	-	74.0	-
119+62.50		122+79.64	TURN LANE	-	-	8.0
134+42.39 *		135+62.39	DOUBLE NO PASSING	6.0	-	-
135+62.39		161+77.00	CENTERLINE	33.0	-	-
161+77.00		162+97.00	CENTERLINE	6.0	-	-
162+97.00 *		171+37.00	STRIPED MEDIAN	-	42.0	-
168+37.00		171+37.00	TURN LANE	-	-	8.0
172+44.00 *		180+84.00	STRIPED MEDIAN	-	42.0	-
172+44.00		175+44.00	TURN LANE	-	-	8.0
180+84.00 *		182+04.00	DOUBLE NO PASSING	6.0	-	-
182+04.00		331+65.62	CENTERLINE	188.0	-	-
			IL 130 RURAL SUB-TOTAL =	262.0	190.0	31.0
URBAN						
331+65.62		369+80.91 (BK)	CENTERLINE	48.0	-	-
0+00.00 (AH)		5+30.00	CENTERLINE	7.0	-	-
5+30.00 *		6+50.00	DOUBLE NO PASSING	6.0	-	-
6+50.00 *		11+50.00	STRIPED MEDIAN	-	26.0	-
11+50.00 *		14+50.00	DOUBLE NO PASSING	16.0	-	-
11+50.00		14+50.00	TURN LANE		-	8.0
15+49.00 *		18+30.00	DOUBLE NO PASSING	16.0	16.0	-
15+49.00 *		18+30.00	STRIPED MEDIAN	-	16.0	-
15+49.00		18+30.00	LT TURN LANE	-	-	8.0
15+49.00		18+30.00	RT TURN LANE	-	-	8.0
18+30.00 *		28+47.00	STRIPED MEDIAN	-	52.0	-
28+47.00		31+07.00	TURN LANE	-	-	7.0
28+47.00 *		31+07.00	DOUBLE NO PASSING	14.0	-	-
32+04.00 *		35+59.00	STRIPED MEDIAN	-	18.0	-
35+59.00 *		36+79.00	DOUBLE NO PASSING	6.0	-	-
36+79.00		55+72.04	CENTERLINE	24.0	-	-
			IL 130 URBAN SUB-TOTAL =	137.0	128.0	31.0
			TOTAL FOR EACH TYP	399.0	318.0	62.0
			PROJECT TOTAL =	779.0		

* NOTE: DOUBLE NO PASSING ZONE REQUIRES DOUBLE RRPMS.

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	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/9/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	CHAMPAIGN	59	25
*201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL)

STATION	OFFSET	EACH
RURAL		
171+90.78	0.00	1.0
278+56.25	0.00	1.0
325+90.28	0.00	1.0
	RURAL TOTAL =	3.0
URBAN		
337+40.96	0.00'	1.0
360+80.91 (BK) = 0+00.00 (AH)	0.00'	1.0
	URBAN TOTAL =	2.0
	PROJECT TOTAL =	5.0

Z0070100 SURVEY MONUMENT COVER ASSEMBLY

STATION	OFFSET	EACH
RURAL		
102+00.00	0.00	1.0
119+06.64	0.00	1.0
171+90.72	8.54' LT	1.0
225+05.65	0.00	1.0
225+05.48	38.13' LT	1.0
278+56.38	5.69' RT	1.0
	RURAL TOTAL =	6.0
URBAN		
331+65.62	1.20' RT	1.0
3+17.36	0.00	1.0
8+17.47	0.00	1.0
15+00.00	0.00	1.0
	URBAN TOTAL =	4.0
	PROJECT TOTAL =	10.0

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	26
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

CLASS D PATCHING, 12 INCH

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
RURAL							
140+55.00	NB	6	6	4.0	-	-	-
143+12.00	NB	8	6	-	5.3	-	-
144+05.00	NB	6	6	4.0	-	-	-
156+94.00	NB	20	12	-	-	-	26.7
157+57.00	NB	10	12	-	13.3	-	-
158+05.00	NB	6	12	-	8.0	-	-
158+05.00	SB	6	12	-	8.0	-	-
160+18.00	NB	20	12	-	-	-	26.7
160+22.00	NB	6	6	4.0	-	-	-
161+98.00	NB	6	6	4.0	-	-	-
162+16.00	NB	12	12	-	-	16.0	-
162+16.00	SB	12	12	-	-	16.0	-
162+60.00	NB	12	12	-	-	16.0	-
163+33.00	NB	6	12	-	8.0	-	-
163+74.00	NB	6	12	-	8.0	-	-
163+97.00	NB	6	12	-	8.0	-	-
164+19.00	NB	8	12	-	10.7	-	-
164+71.00	NB	6	12	-	8.0	-	-
165+27.00	NB	6	12	-	8.0	-	-
165+87.00	SB	6	6	4.0	-	-	-
168+64.00	NB	6	12	-	8.0	-	-
169+78.00	NB	6	6	4.0	-	-	-
170+10.00	NB	6	12	-	8.0	-	-
179+51.00	NB	25	12	-	-	-	33.3
179+51.00	SB	25	12	-	-	-	33.3
179+79.00	SB	6	12	-	8.0	-	-
180+35.00	NB	6	12	-	8.0	-	-
183+32.00	SB	12	6	-	8.0	-	-
186+11.00	SB	10	12	-	13.3	-	-
186+38.00	NB	6	6	4.0	-	-	-
SUBTOTAL =				28.0 (SQ YD)	138.7 (SQ YD)	48.0 (SQ YD)	120.0 (SQ YD)

CLASS D PATCHING, 12 INCH

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
RURAL							
186+78.00	NB	6	12	-	8.0	-	-
187+31.00	NB	6	12	-	8.0	-	-
187+31.00	SB	6	12	-	8.0	-	-
187+51.00	SB	6	6	4.0		-	-
187+93.00	NB	6	12	-	8.0	-	-
188+98.00	NB	6	12	-	8.0	-	-
188+98.00	SB	6	12	-	8.0	-	-
189+33.00	NB	6	6	4.0	-	-	-
190+57.00	NB	40	6	-	-	-	26.7
191+81.00	NB	40	6	-	-	-	26.7
192+07.00	SB	6	6	4.0	-	-	-
192+26.00	NB	6	6	4.0	-	-	-
192+90.00	NB	12	12	-	-	16.0	-
193+81.00	NB	25	6	-	-	16.7	-
194+80.00	NB	6	6	4.0	-	-	-
196+44.00	NB	8	6	-	5.3	-	-
196+76.00	SB	20	6	-	13.3	-	-
197+17.00	NB	6	12	-	8.0	-	-
197+23.00	NB	10	6	-	6.7	-	-
198+13.00	NB	8	6	-	5.3	-	-
198+42.00	NB	40	6	-	-	-	26.7
199+68.00	NB	6	6	4.0	-	-	-
199+68.00	SB	20	6	-	13.3	-	-
200+37.00	NB	8	6	-	5.3	-	-
200+75.00	NB	8	6	-	5.3	-	-
200+80.00	SB	6	6	4.0	-	-	-
201+23.00	NB	6	6	4.0	-	-	-
202+22.00	NB	10	6	-	6.7	-	-
203+75.00	NB	10	6	-	6.7	-	-
204+88.00	NB	6	6	4.0	-	-	-
SUBTOTAL =				36.0 (SQ YD)	124.0 (SQ YD)	32.7 (SQ YD)	80.0 (SQ YD)
SHEET TOTAL				64.0 (SQ YD)	262.7 (SQ YD)	80.7 (SQ YD)	200.0 (SQ YD)

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	27
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SCHEDULE OF QUANTITIES

CLASS D PATCHING, 12 INCH

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
RURAL							
208+08.00	NB	10	12	-	13.3	-	-
209+81.00	NB	6	6	4.0	-	-	-
210+50.00	NB	50	6	-	-	-	33.3
211+39.00	SB	40	6	-	-	-	26.7
212+24.00	NB	20	6	-	13.3	-	-
214+00.00	NB	6	12	-	8.0	-	-
214+00.00	SB	6	12	-	8.0	-	-
214+14.00	NB	30	6	-	-	20.0	-
215+87.00	NB	10	6	-	6.7	-	-
216+28.00	NB	50	6	-	-	-	33.3
217+28.00	NB	40	6	-	-	-	26.7
218+17.00	NB	20	6	-	13.3	-	-
220+76.00	NB	50	6	-	-	-	33.3
220+82.00	SB	12	12	-	-	16.0	-
310+45.00	NB	6	12	-	8.0	-	-
310+57.00	NB	15	6	-	10.0	-	-
310+91.00	NB	12	12	-	-	16.0	-
310+91.00	SB	12	12	-	-	16.0	-
311+95.00	NB	30	6	-	-	20.0	-
322+00.00	NB	12	12	-	-	16.0	-
SUBTOTAL =				4.0 (SQ YD)	80.7 (SQ YD)	104.0 (SQ YD)	153.3 (SQ YD)

	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
RURAL TOTAL =	68.0	343.3	184.7	353.3
RURAL USE =	68.0 (SQ YD)	344.0 (SQ YD)	185.0 (SQ YD)	354.0 (SQ YD)

CLASS D PATCHING, 12 INCH

STATION	DIRECTION	LENGTH (FT)	WIDTH (FT)	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
URBAN							
332+04.00	NB	10	12	-	13.3	-	-
332+04.00	SB	10	12	-	13.3	-	-
334+40.00	NB	6	6	4.0	-	-	-
334+83.00	NB	12	6	-	8.0	-	-
338+20.00	NB	10	6	-	6.7	-	-
354+89.00	NB	20	6	-	13.3	-	-
359+26.00	SB	6	6	4.0	-	-	-
359+88.00	NB	12	12	-	-	16.0	-
360+51.00	NB	6	12	-	8.0	-	-
360+74.00	NB	12	12	-	-	16.0	-
360+74.00	SB	12	12	-	-	16.0	-
361+52.00	NB	6	12	-	8.0	-	-
361+91.00	NB	12	12	-	-	16.0	-
361+91.00	SB	6	12	-	8.0	-	-
362+50.00	NB	20	6	-	13.3	-	-
362+84.00	NB	10	6	-	6.7	-	-
362+84.00	SB	10	6	-	6.7	-	-
363+05.00	SB	6	6	4.0	-	-	-
363+35.00	NB	30	6	-	-	20.0	-
364+73.00	NB	6	6	4.0	-	-	-
365+41.00	NB	20	6	-	13.3	-	-
366+90.00	NB	20	6	-	13.3	-	-
367+51.00	NB	30	6	-	-	20.0	-
368+31.00	NB	30	6	-	-	20.0	-
SUBTOTAL=				16.0 (SQ YD)	132.0 (SQ YD)	124.0 (SQ YD)	0.0 (SQ YD)

	44201785 TYPE I 12.0" (SQ YD)	44201789 TYPE II 12.0" (SQ YD)	44201794 TYPE III 12.0" (SQ YD)	44201796 TYPE IV 12.0" (SQ YD)
URBAN TOTAL =	16.0	132.0	124.0	0.0
URBAN USE =	16.0	132.0	124.0	0.0
PROJECT TOTAL =	84.0 (SQ YD)	476.0 (SQ YD)	309.0 (SQ YD)	354.0 (SQ YD)

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

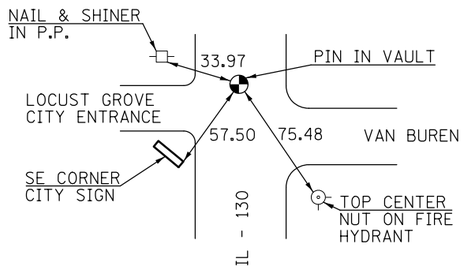
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

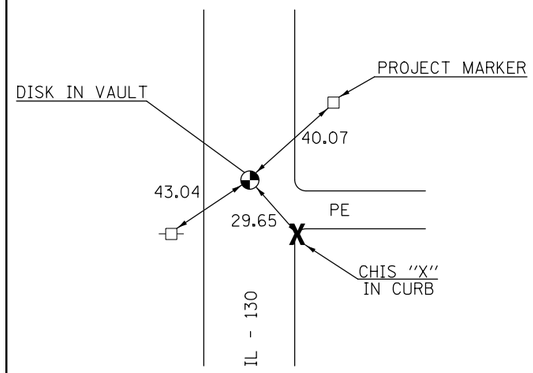
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	28
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				

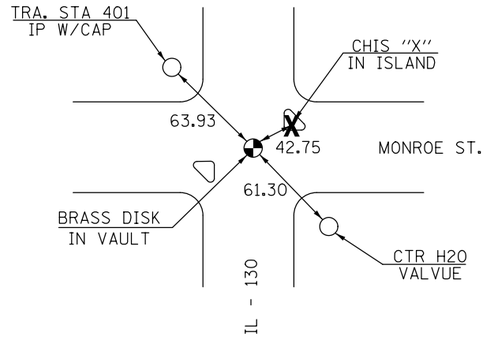
POT 92+41.74 #1



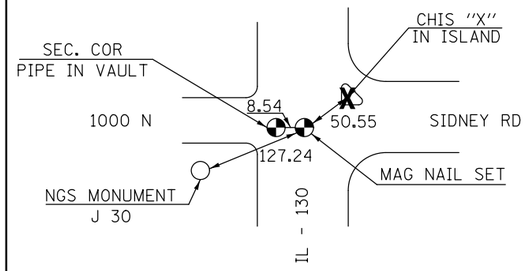
PI 102+00.00 #2
BASIS STA.



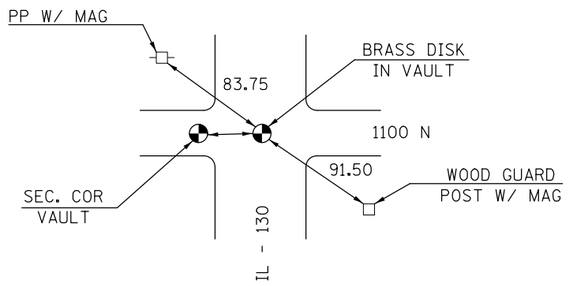
PI 119+06.64 #3



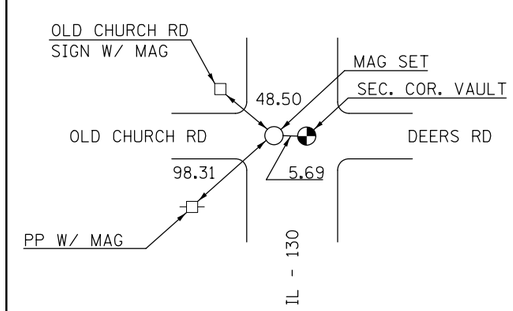
PI 171+90.78 #21



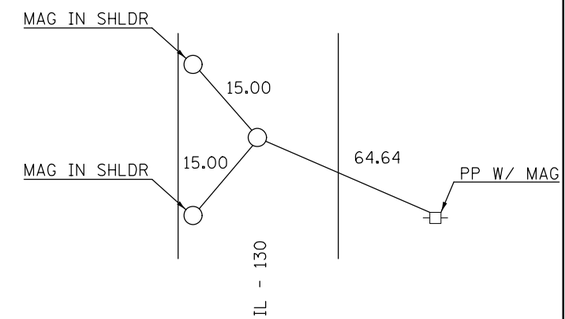
PI #8 225+05.65



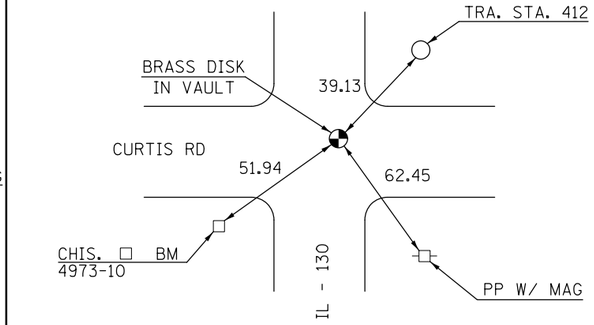
PI #12 278+56.25



PC 325+90.28



PI 331+65.62 #15



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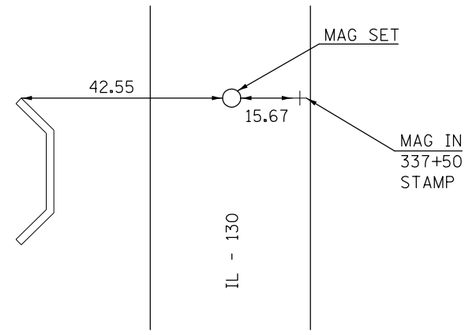
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTERLINE TIE POINTS

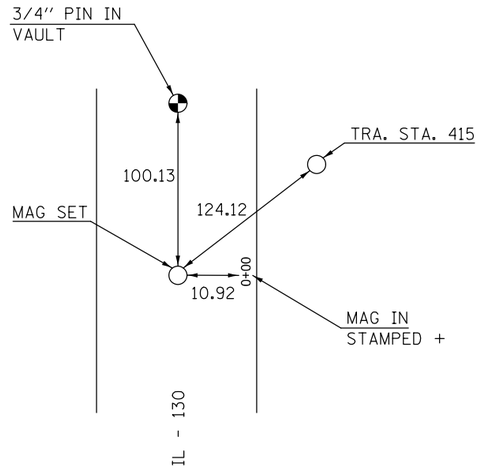
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	29
	201RS-1,(200R)RS-2&200RS-3	CONTRACT NO. 70A54		
		ILLINOIS FED. AID PROJECT		

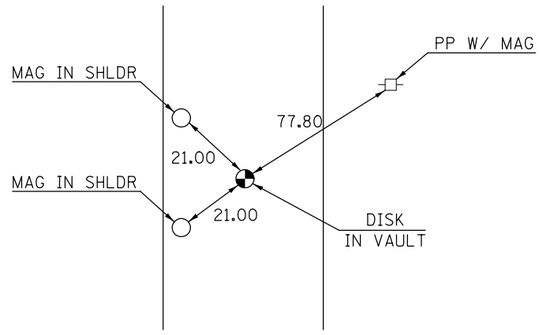
PT 337 + 40.96



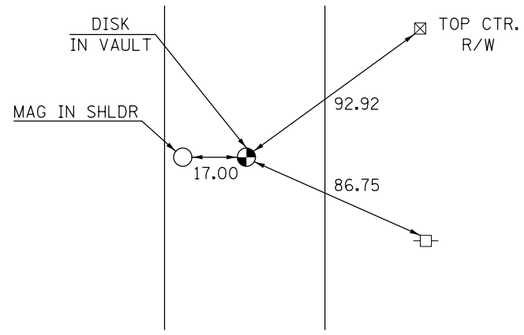
STA. EQ 369 + 80.91 BK
= 0 + 00.00 AH #26 & #27



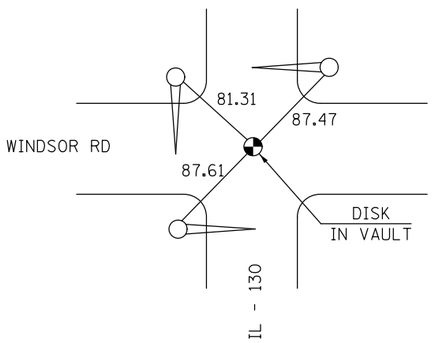
PI 3 + 17.36 #25



PI 8 + 17.47 #24

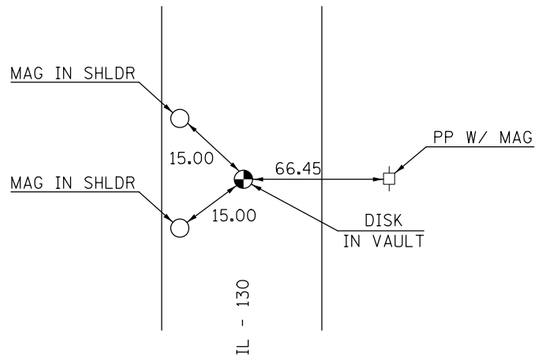


PI 15 + 00.00 #20
BASIS STA.



ALL TIES CENTER MAST ARM POLES

PI 68 + 13.23 #22



AREA UNDER CONSTRUCTION 7/21/14

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTERLINE TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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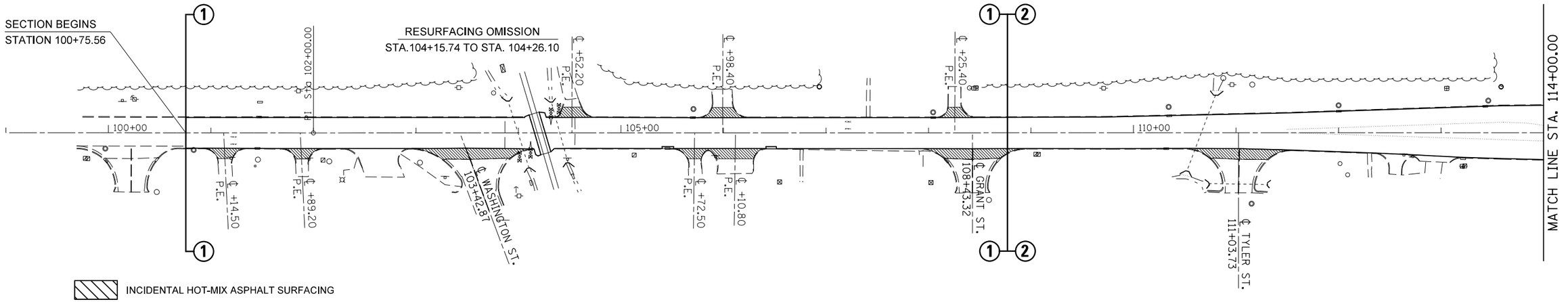
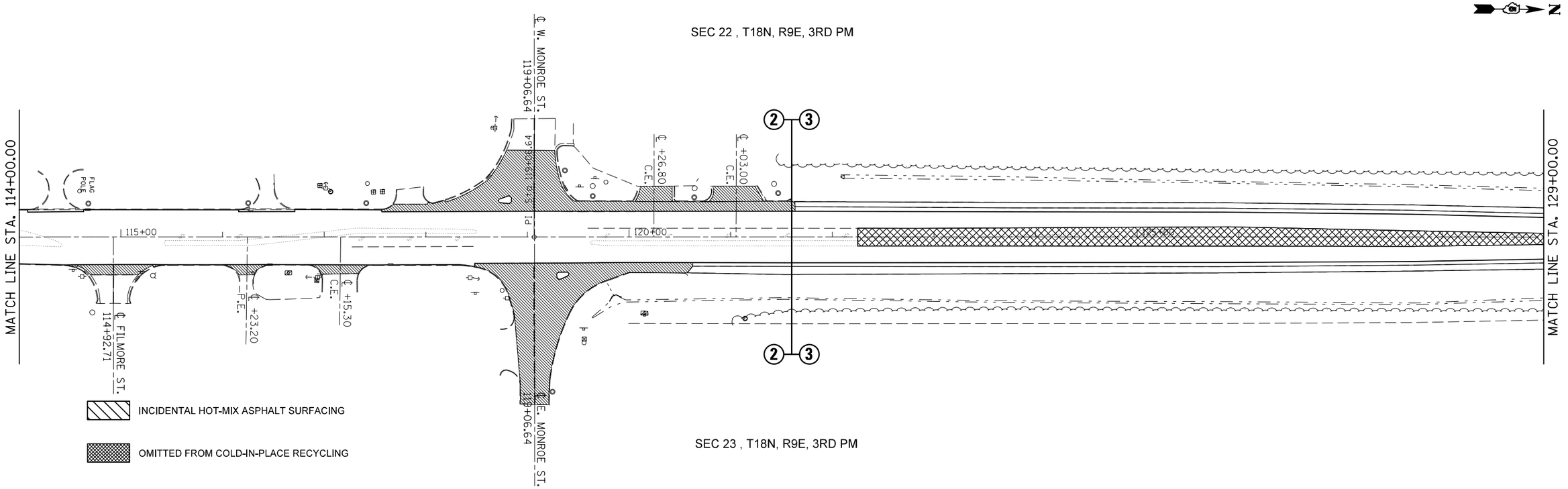
201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			





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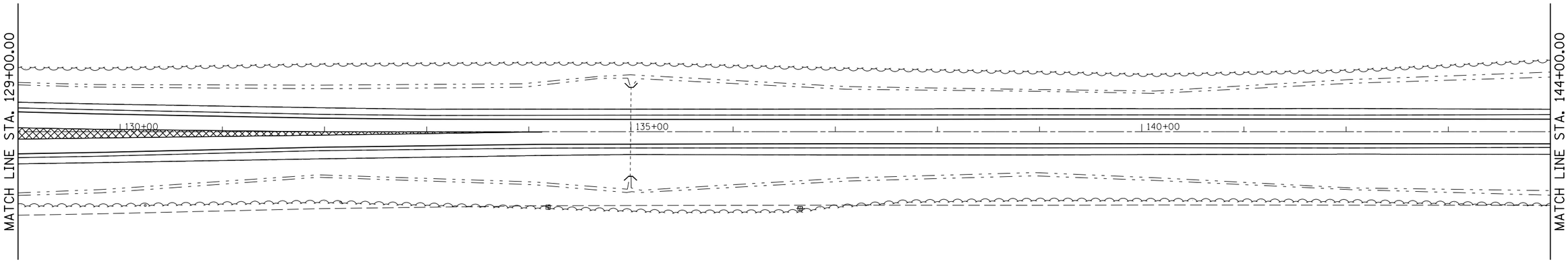
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 1 OF 11 SHEETS | STA. 99+00.00 | TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	31
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

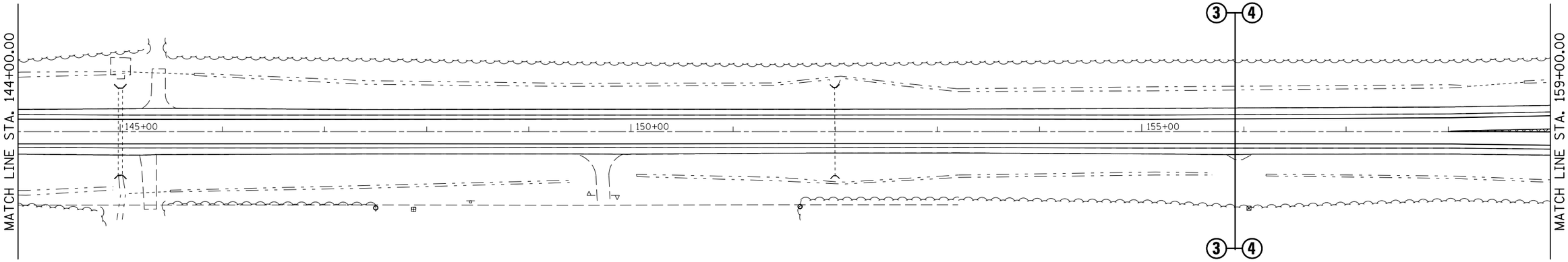
SEC 15 , T18N, R9E, 3RD PM



OMITTED FROM COLD-IN-PLACE RECYCLING

SEC 14 , T18N, R9E, 3RD PM

SEC 15 , T18N, R9E, 3RD PM



OMITTED FROM COLD-IN-PLACE RECYCLING

SEC 14 , T18N, R9E, 3RD PM

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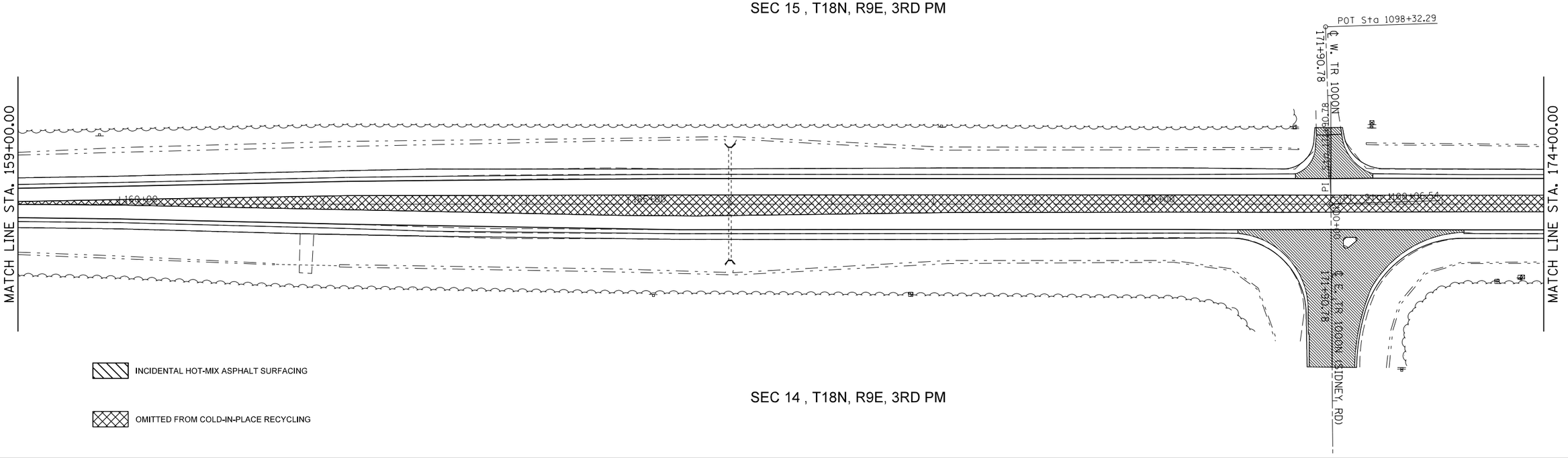
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 2 OF 11 SHEETS | STA. 129+00.00 | TO STA. 159+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	32
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

SEC 15 , T18N, R9E, 3RD PM

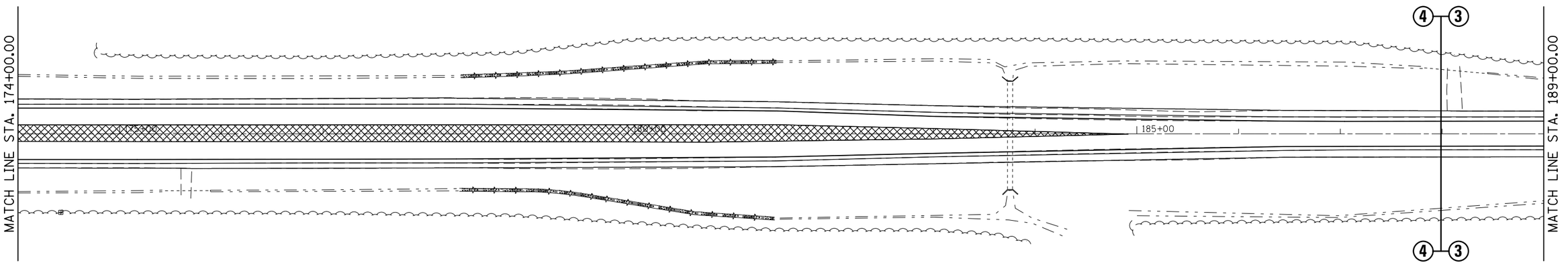


INCIDENTAL HOT-MIX ASPHALT SURFACING

OMITTED FROM COLD-IN-PLACE RECYCLING

SEC 14 , T18N, R9E, 3RD PM

SEC 10 , T18N, R9E, 3RD PM



OMITTED FROM COLD-IN-PLACE RECYCLING

SEC 14 , T18N, R9E, 3RD PM

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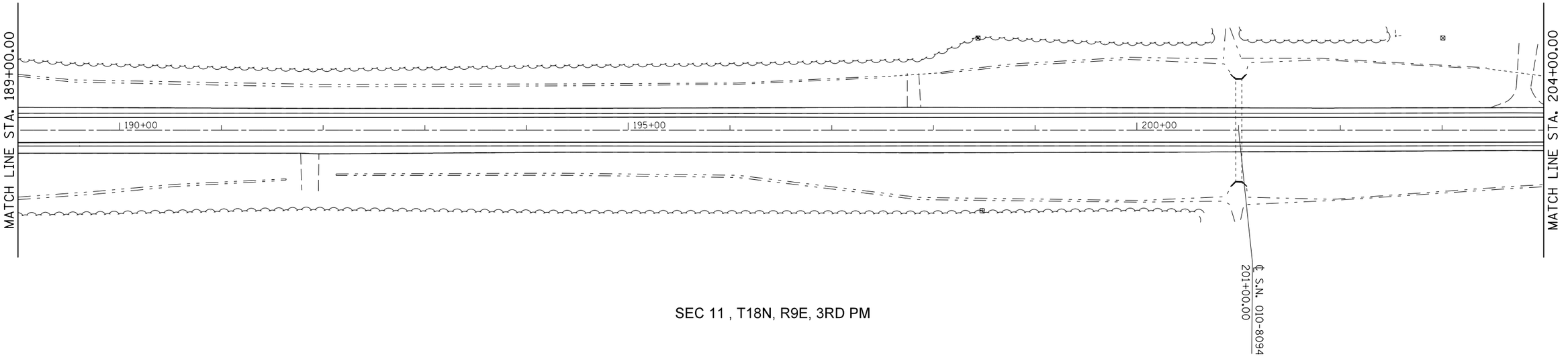
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 3 OF 11 SHEETS | STA. 159+00.00 TO STA. 189+00.00

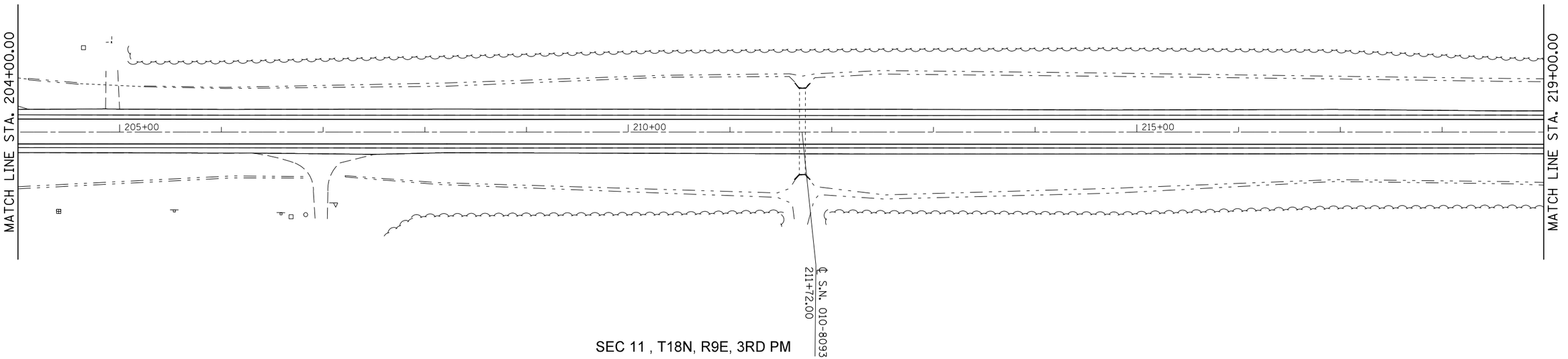
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	33
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

SEC 10 , T18N, R9E, 3RD PM



SEC 11 , T18N, R9E, 3RD PM

SEC 10 , T18N, R9E, 3RD PM



SEC 11 , T18N, R9E, 3RD PM

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		DRAWN -	REVISED -
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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

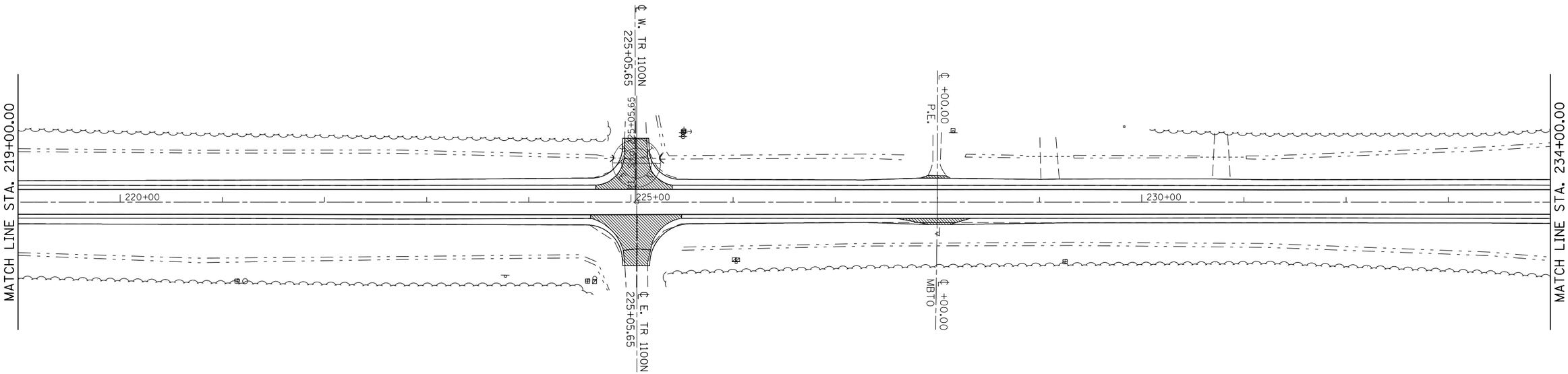
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 4 OF 11 SHEETS | STA. 189+00.00 | TO STA. 219+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	34
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

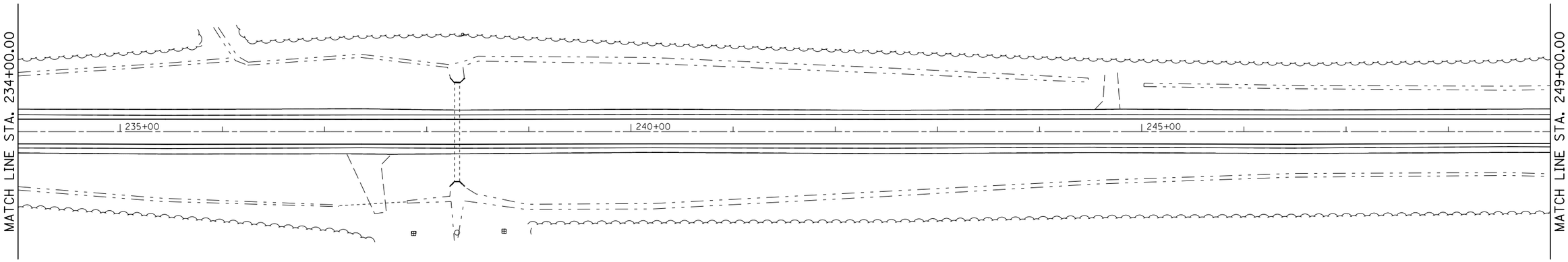
SEC 3 , T18N, R9E, 3RD PM



SEC 2 , T18N, R9E, 3RD PM

INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 3 , T18N, R9E, 3RD PM



SEC 2 , T18N, R9E, 3RD PM

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

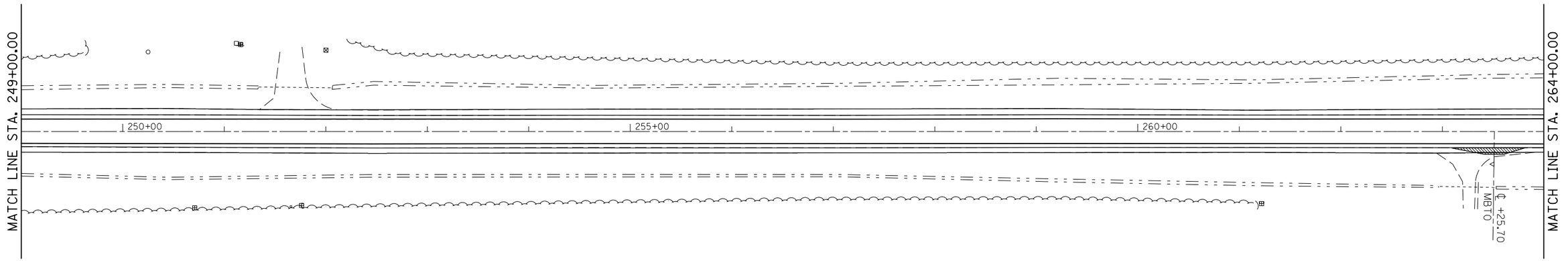
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 5 OF 11 SHEETS | STA. 219+00.00 | TO STA. 249+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	35
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

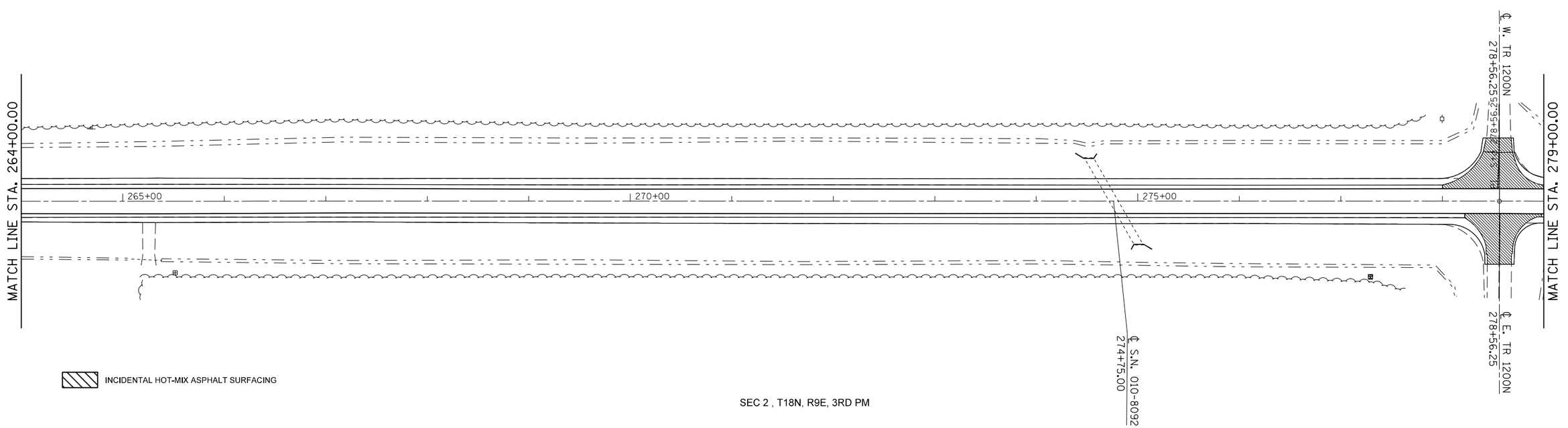
SEC 3 , T18N, R9E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 2 , T18N, R9E, 3RD PM

SEC 3 , T18N, R9E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 2 , T18N, R9E, 3RD PM

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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

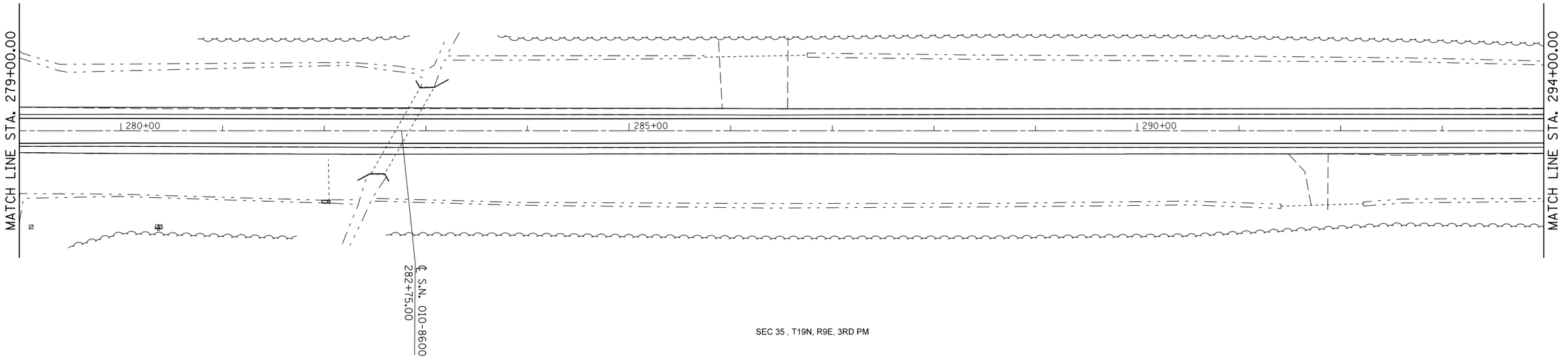
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 6 OF 11 SHEETS | STA. 249+00.00 | TO STA. 279+00.00

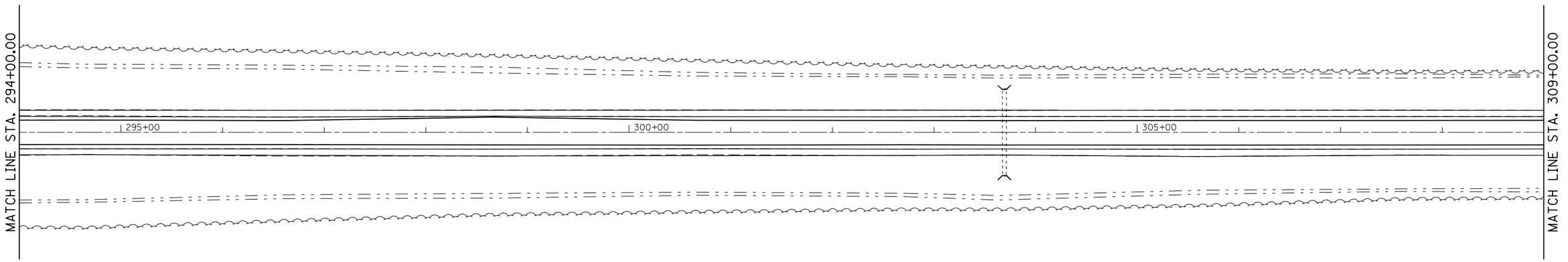
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	36
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

SEC 34 , T19N, R9E, 3RD PM



SEC 35 , T19N, R9E, 3RD PM

SEC 34 , T19N, R9E, 3RD PM



SEC 35 , T19N, R9E, 3RD PM

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		DRAWN -	REVISED -
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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

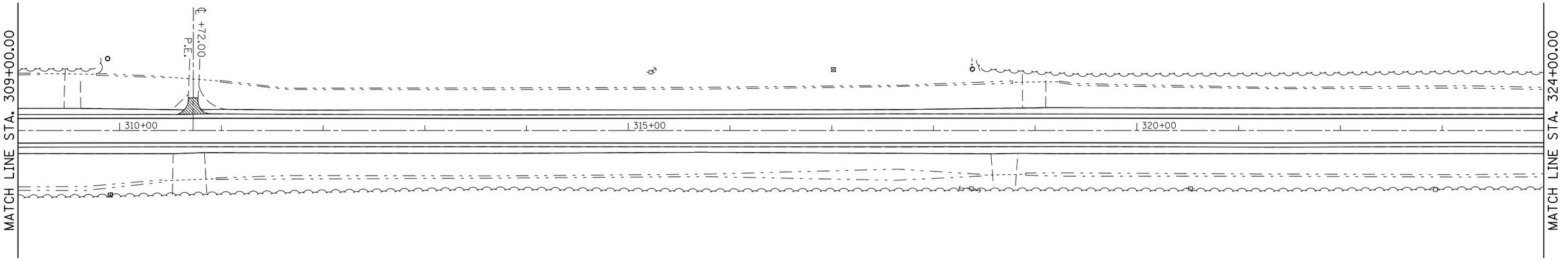
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 7 OF 11 SHEETS | STA. 279+00.00 | TO STA. 309+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	37
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

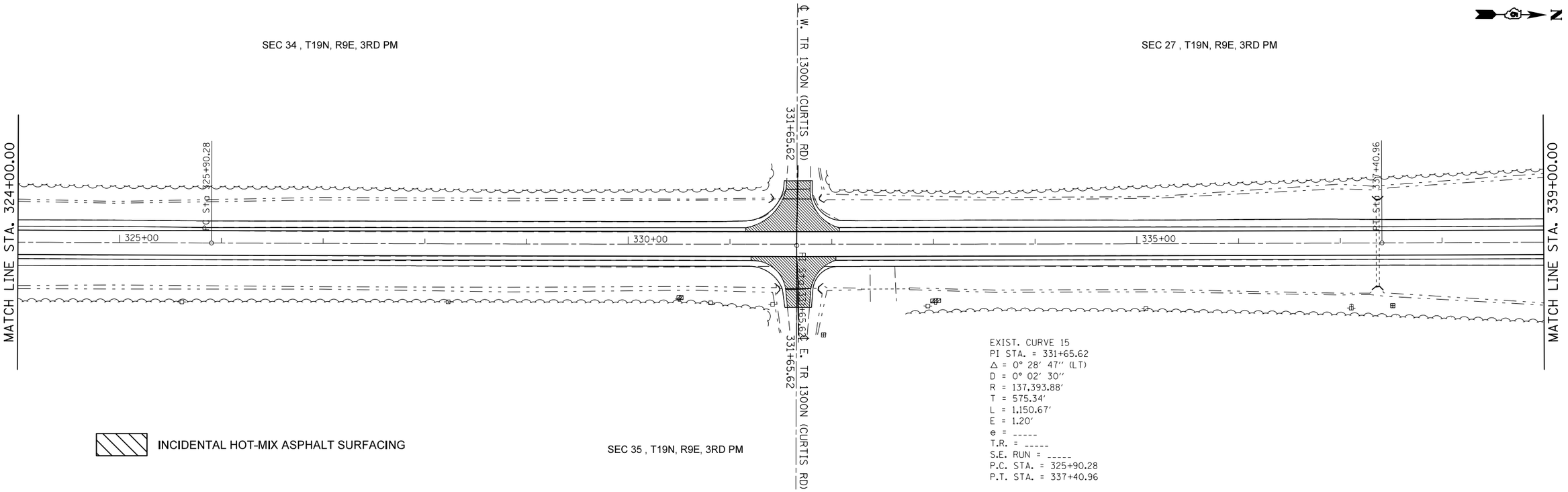
SEC 34 , T19N, R9E, 3RD PM



SEC 35 , T19N, R9E, 3RD PM

SEC 34 , T19N, R9E, 3RD PM

SEC 27 , T19N, R9E, 3RD PM



EXIST. CURVE 15
PI STA. = 331+65.62
△ = 0° 28′ 47″ (LT)
D = 0° 02′ 30″
R = 137,393.88′
T = 575.34′
L = 1,150.67′
E = 1.20′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 325+90.28
P.T. STA. = 337+40.96

INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 35 , T19N, R9E, 3RD PM

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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

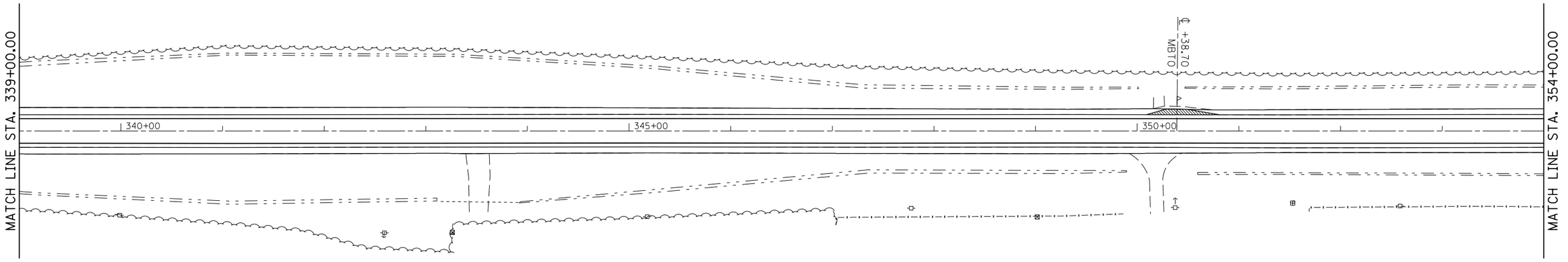
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 8 OF 11 SHEETS | STA. 309+00.00 TO STA. 339+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	38
	• 201RS-1,(200R)RS-2&200RS-3	CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			

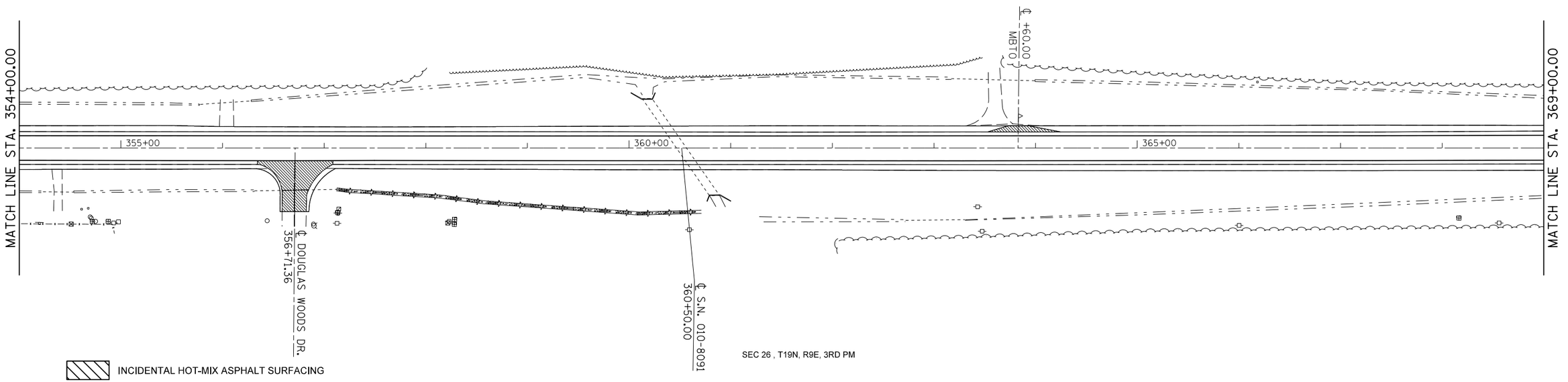
SEC 27 , T19N, R9E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 26 , T19N, R9E, 3RD PM

SEC 27 , T19N, R9E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 26 , T19N, R9E, 3RD PM

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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

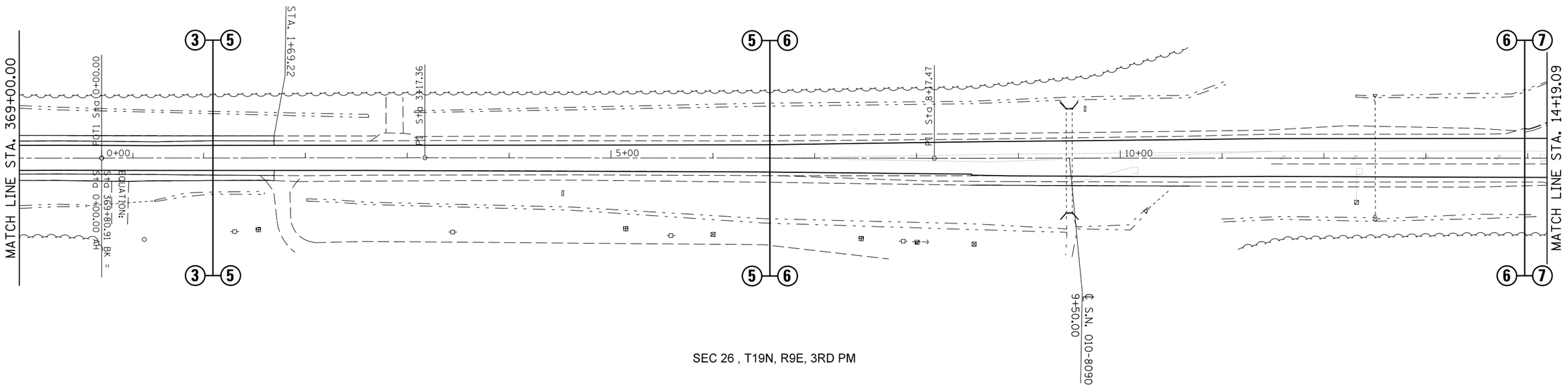
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 9 OF 11 SHEETS | STA. 339+00.00 TO STA. 369+00.00

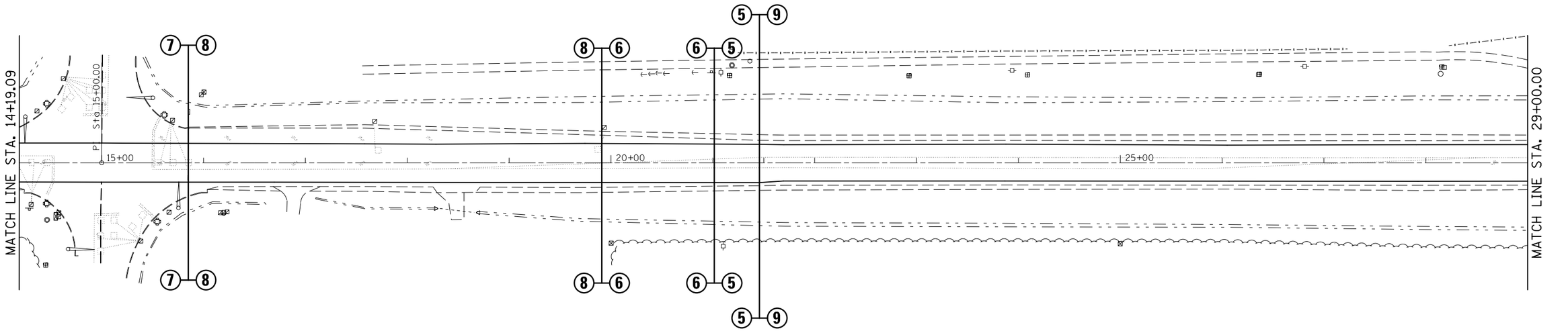
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	39
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

SEC 27 , T19N, R9E, 3RD PM



SEC 26 , T19N, R9E, 3RD PM

SEC 22 , T19N, R9E, 3RD PM



SEC 23 , T19N, R9E, 3RD PM

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$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

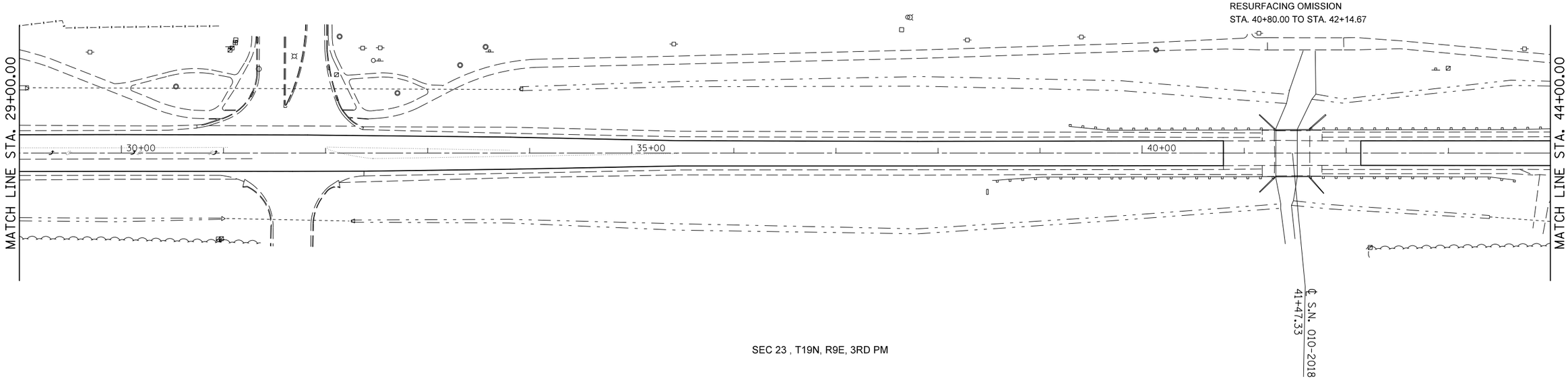
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 10 OF 11 SHEETS | STA. 369+00.00 TO STA. 29+00.00

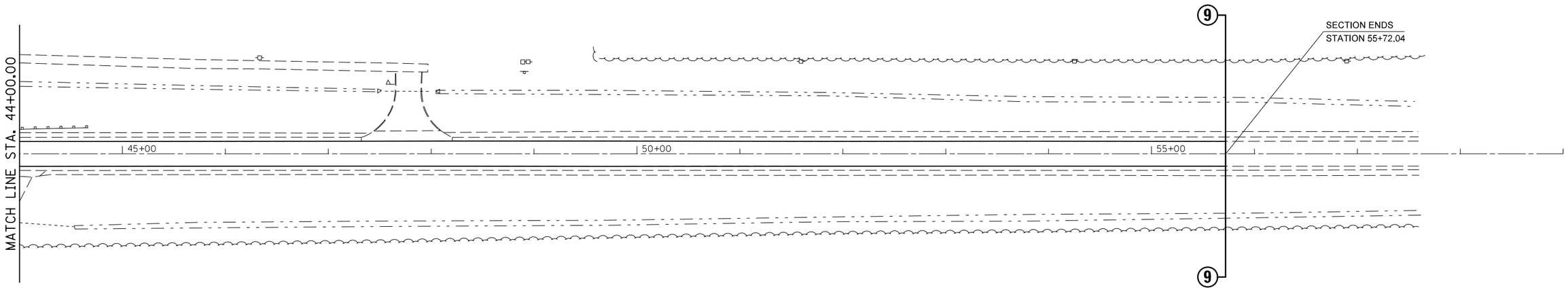
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	40
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
		ILLINOIS FED. AID PROJECT		

SEC 22 , T19N, R9E, 3RD PM



SEC 23 , T19N, R9E, 3RD PM

SEC 22 , T19N, R9E, 3RD PM



SEC 23 , T19N, R9E, 3RD PM

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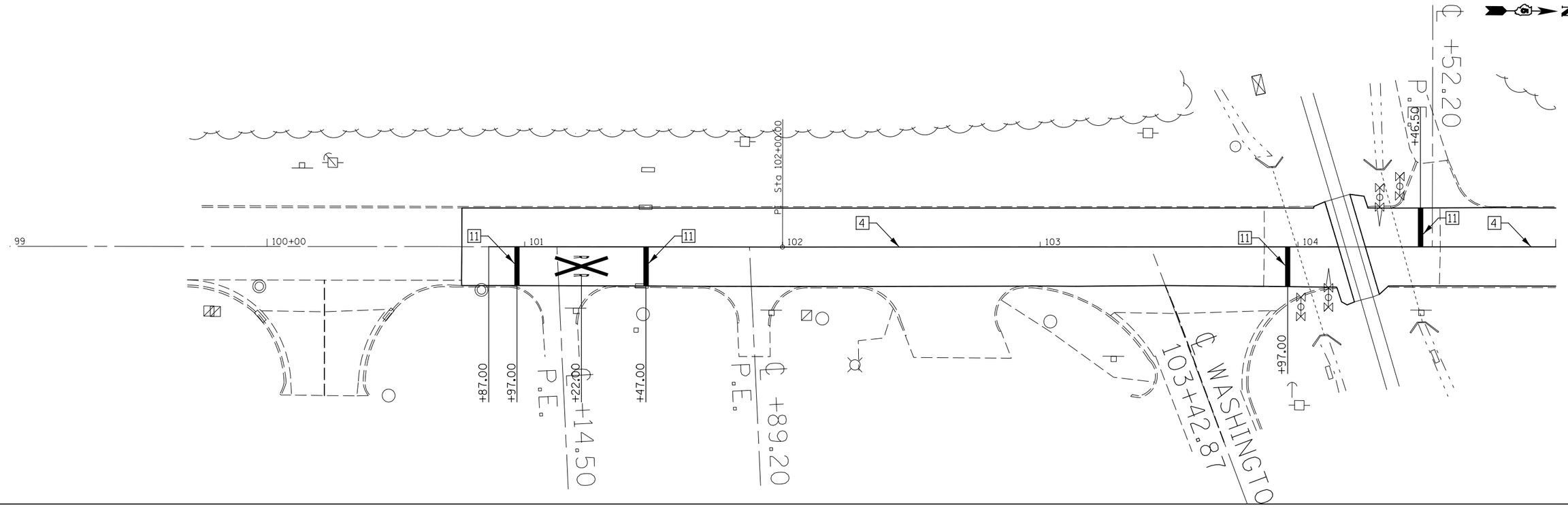
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

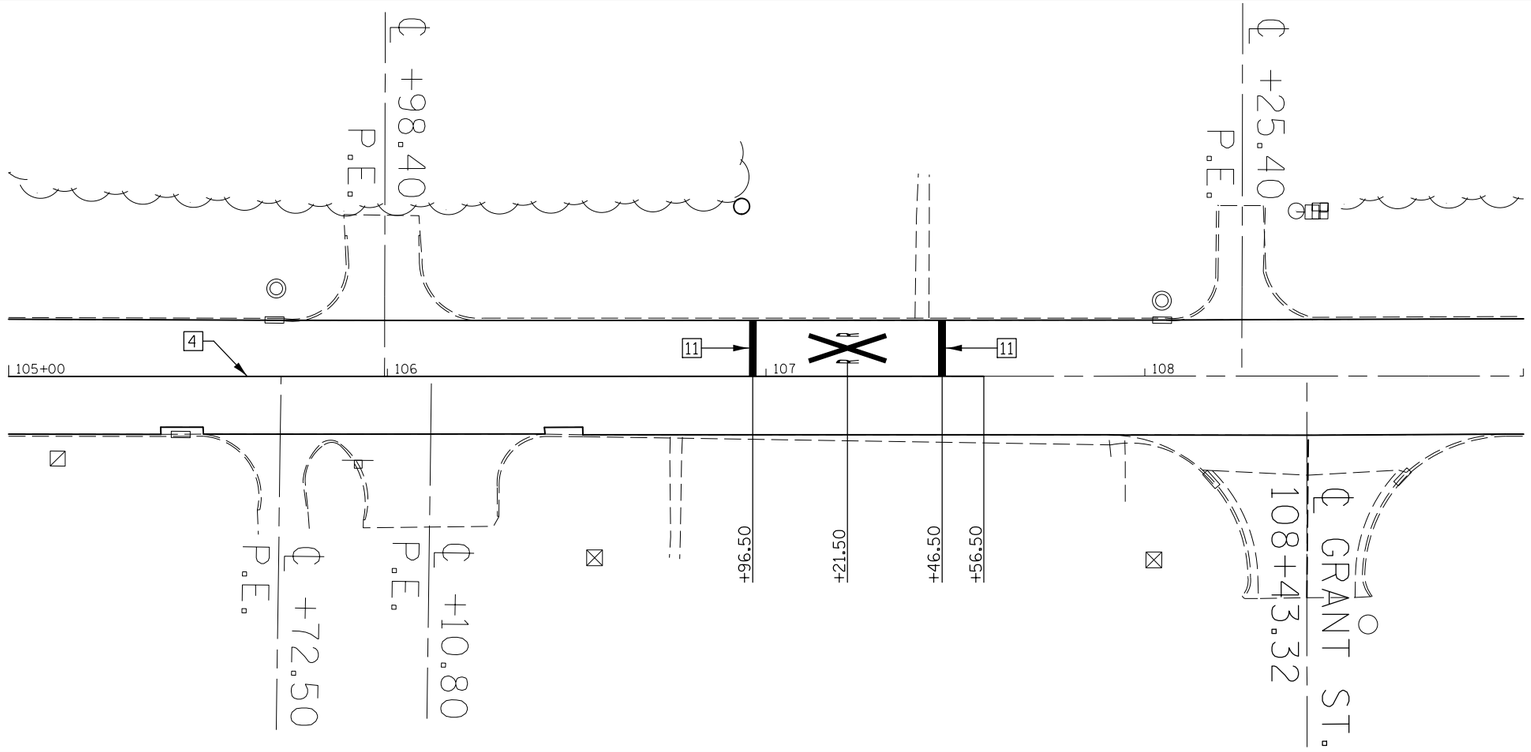
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 PLAN SHEET

SCALE: | SHEET 11 OF 11 SHEETS | STA. 29+00.00 | TO STA. 59+00.00

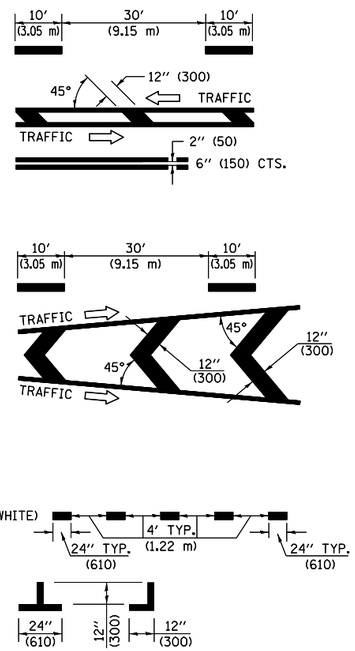
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	41
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		





TYPICAL PAVEMENT MARKING LEGEND

1. 4″ (100) SKIP-DASH (YELLOW)
2. 4″ (100) SOLID (YELLOW)
3. 12″ (300) DIAGONAL (YELLOW)
4. 4″ (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4″ (100) SKIP-DASH (WHITE)
8. 4″ (100) SOLID (WHITE)
9. 12″ (300) DIAGONAL (WHITE)
10. 6″ (150) SOLID (WHITE)
11. 24″ (600) STOP BAR (WHITE)
12. 8″ (200) SOLID (WHITE)
13. 4″ (100) LANE LINE EXTENSIONS (WHITE)
14. 4″ (100) PARKING WHITE



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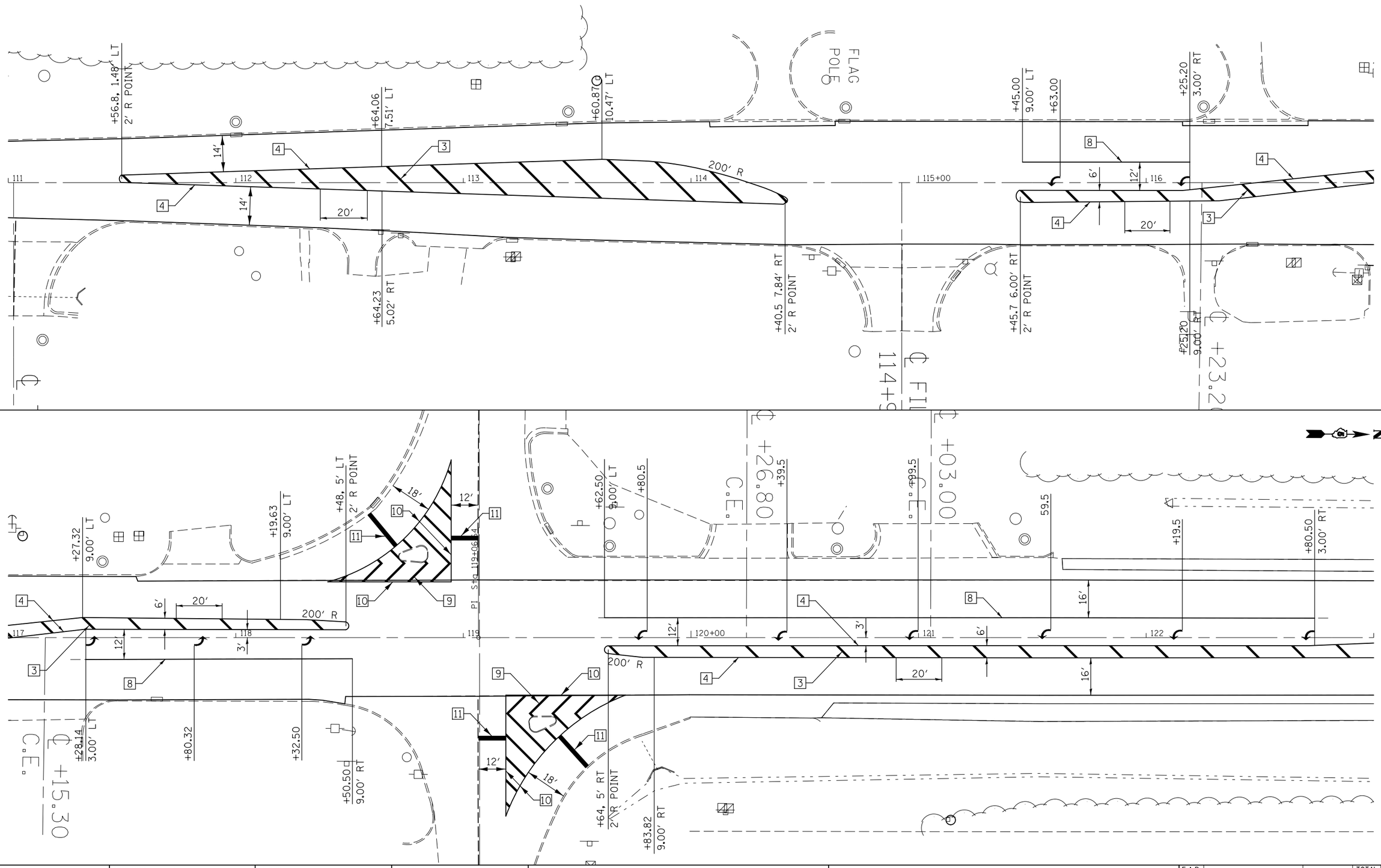
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	42
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			



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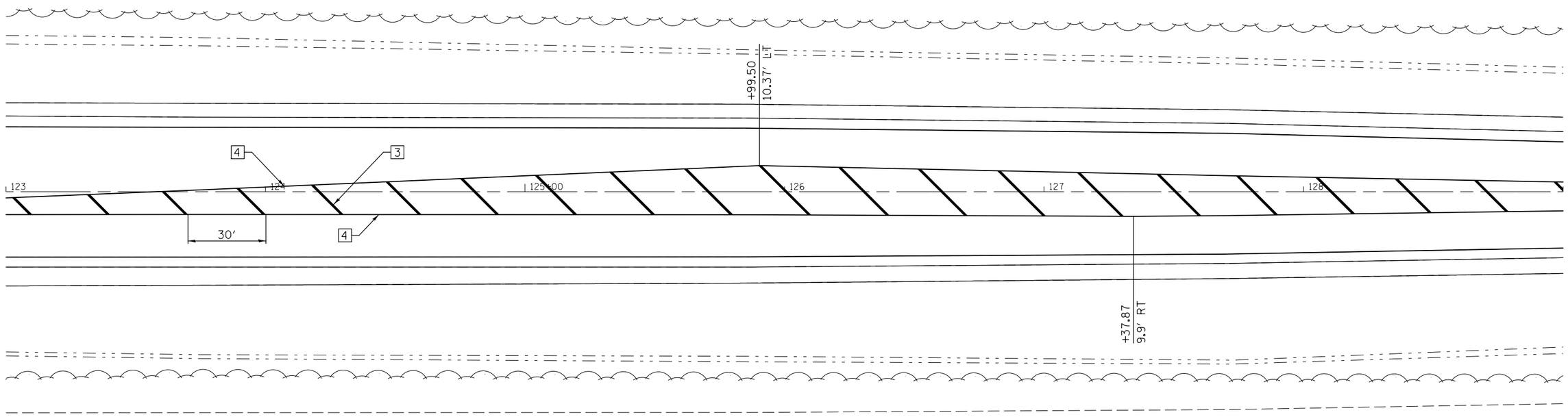
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

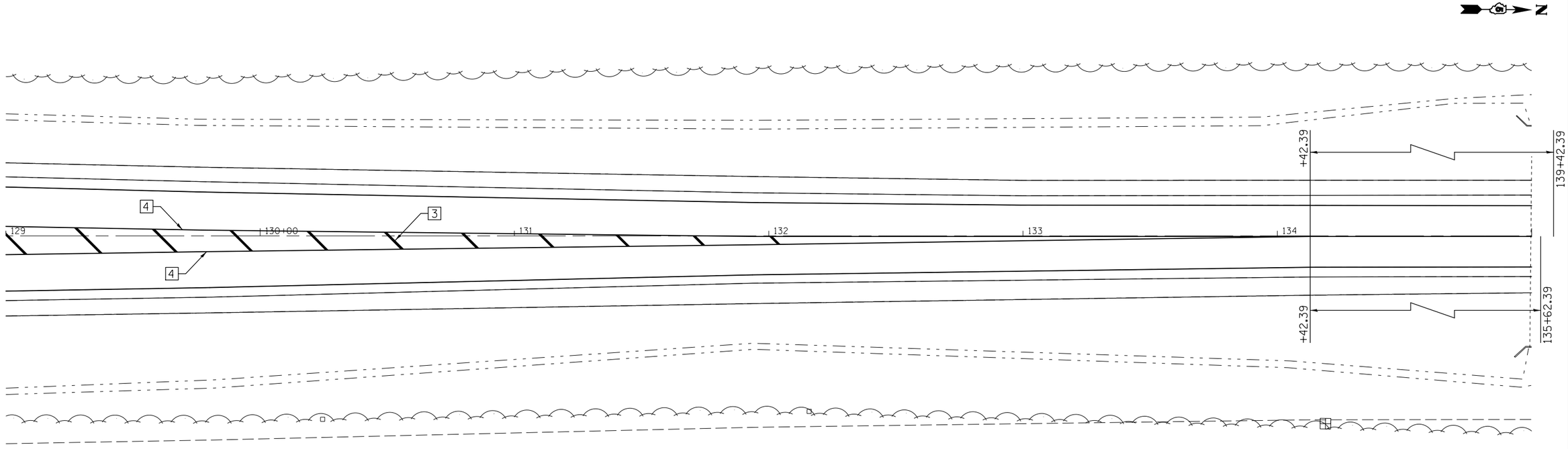
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	43
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				





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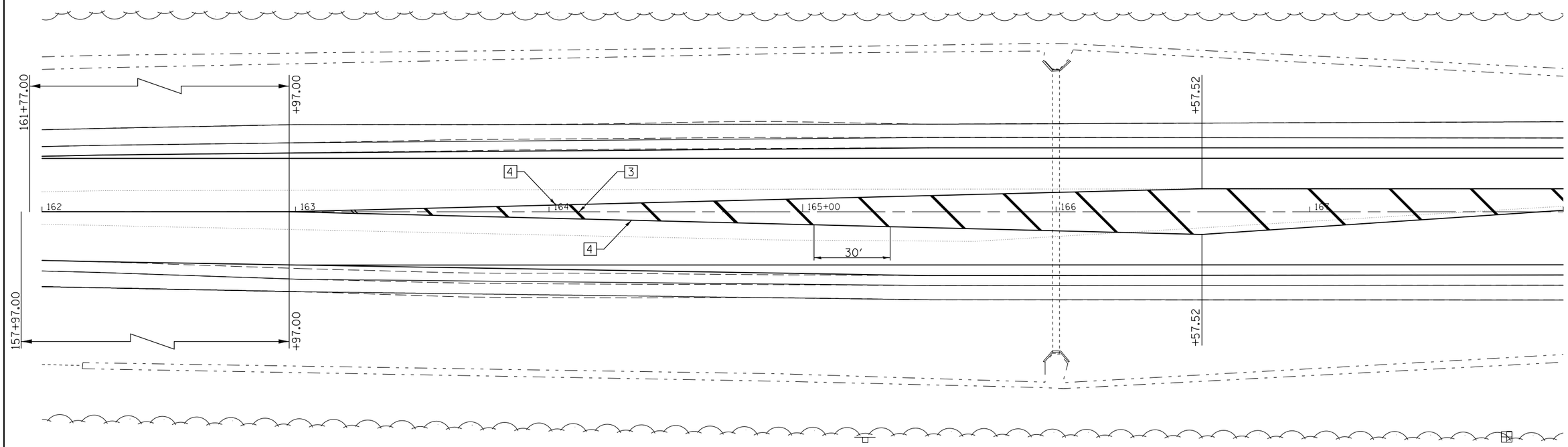
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

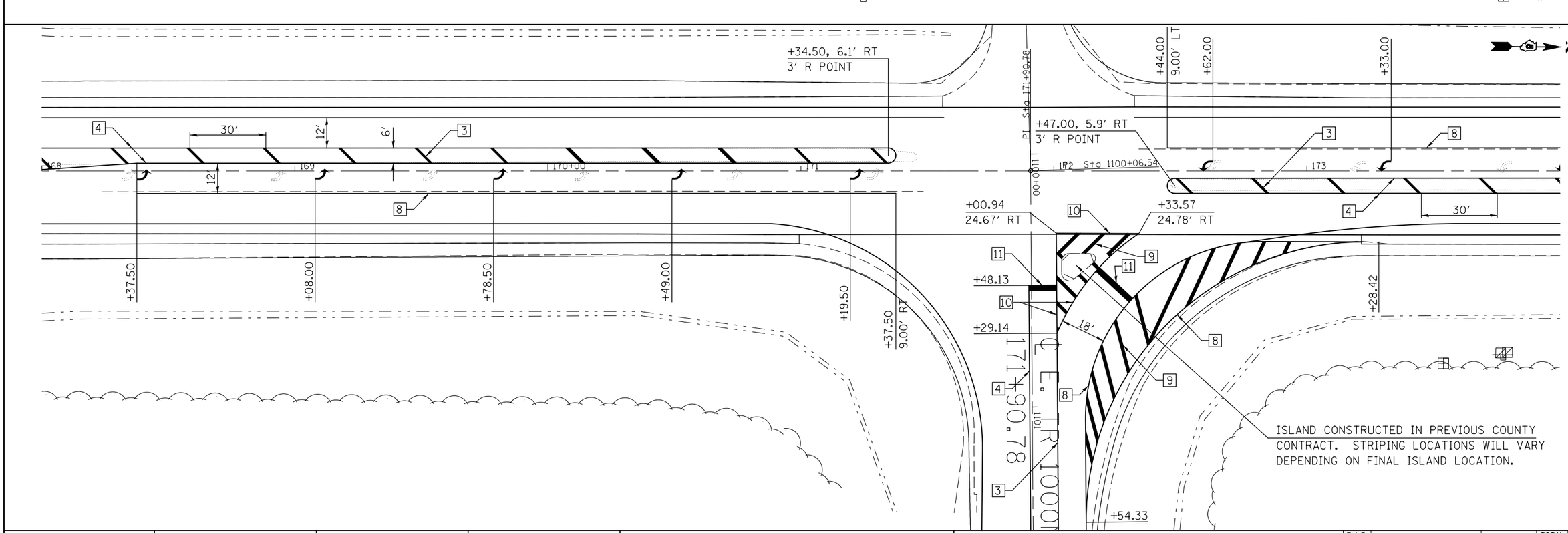
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	44
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			





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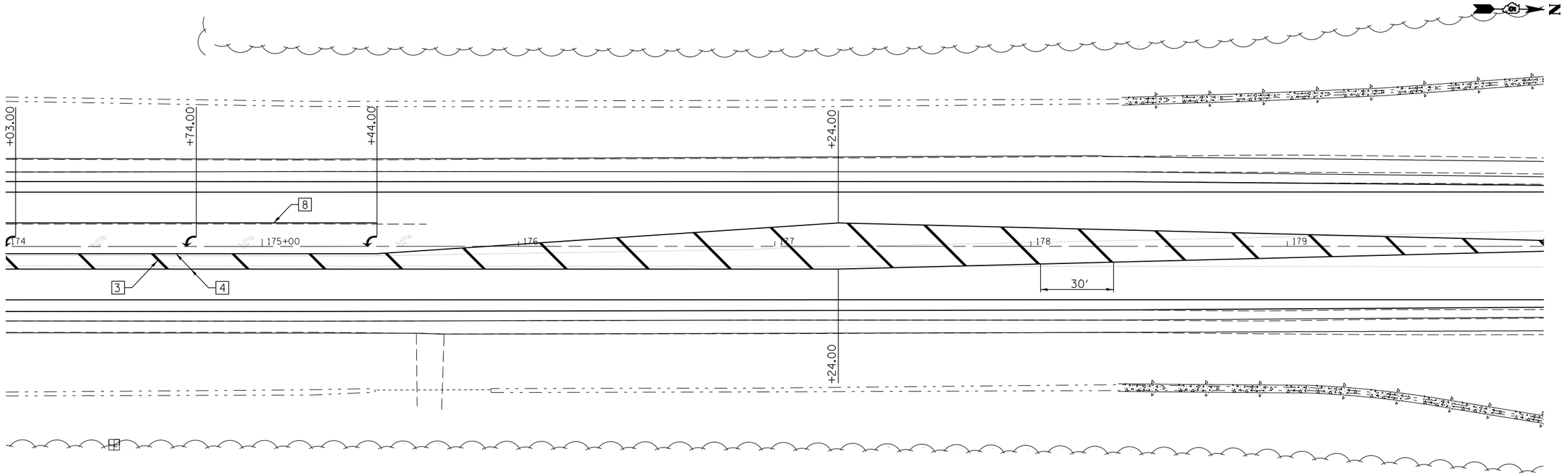
$MODELNAME$	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2014	DATE -	REVISED -

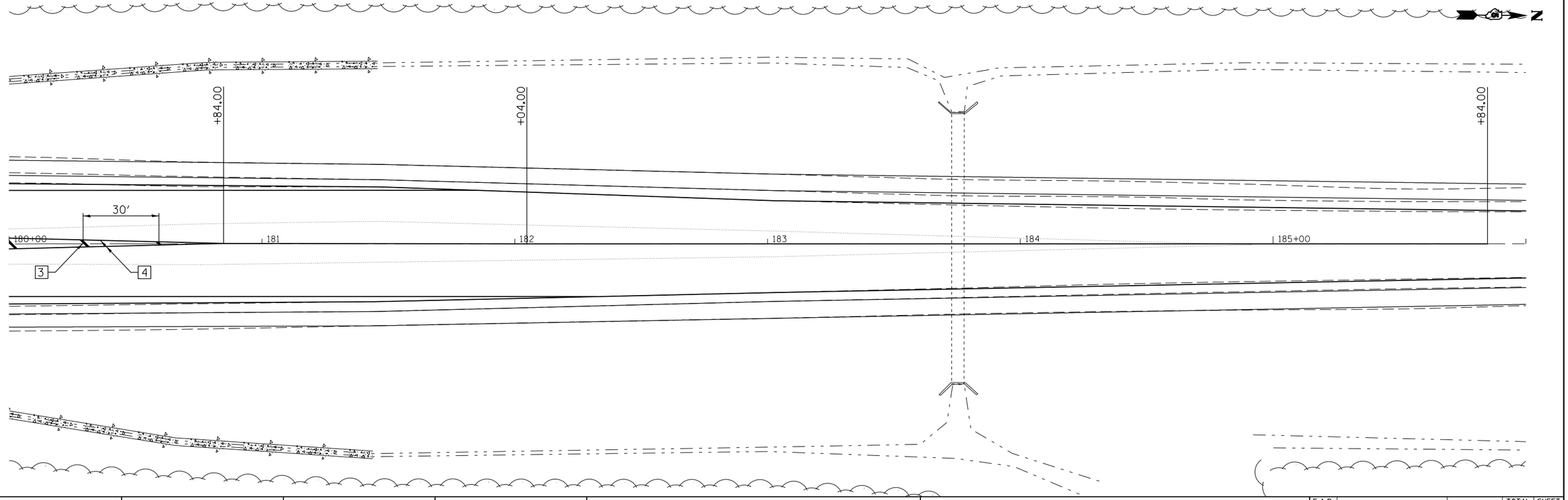
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	45
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
ILLINOIS FED. AID PROJECT				





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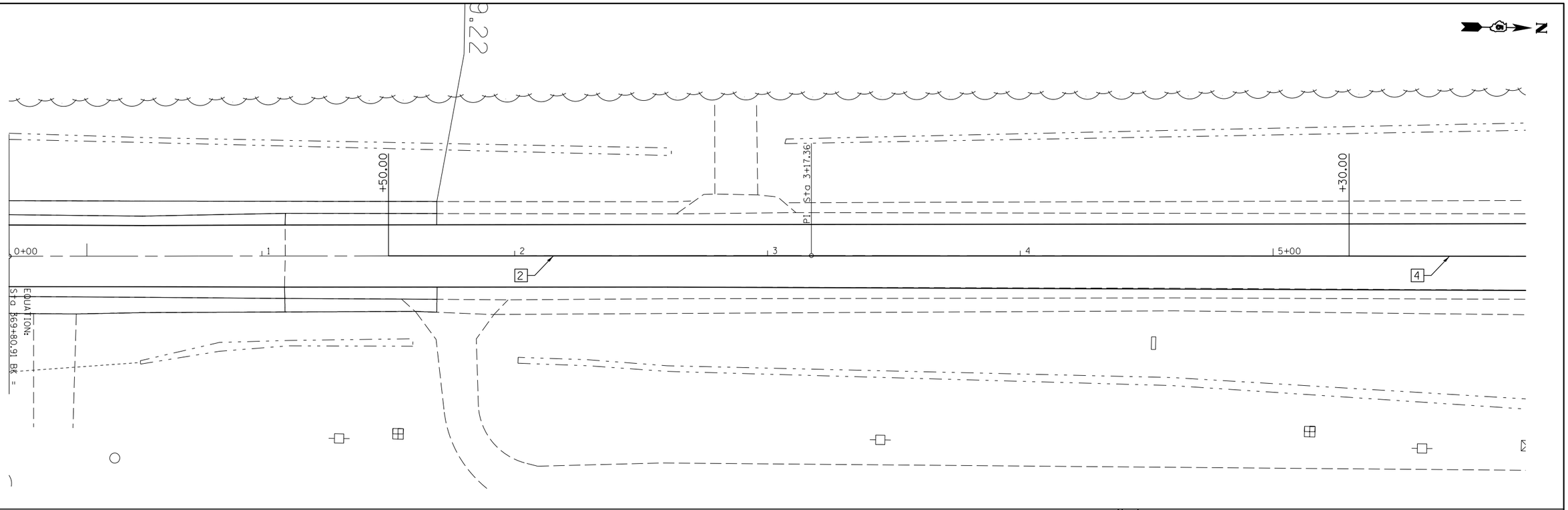
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -

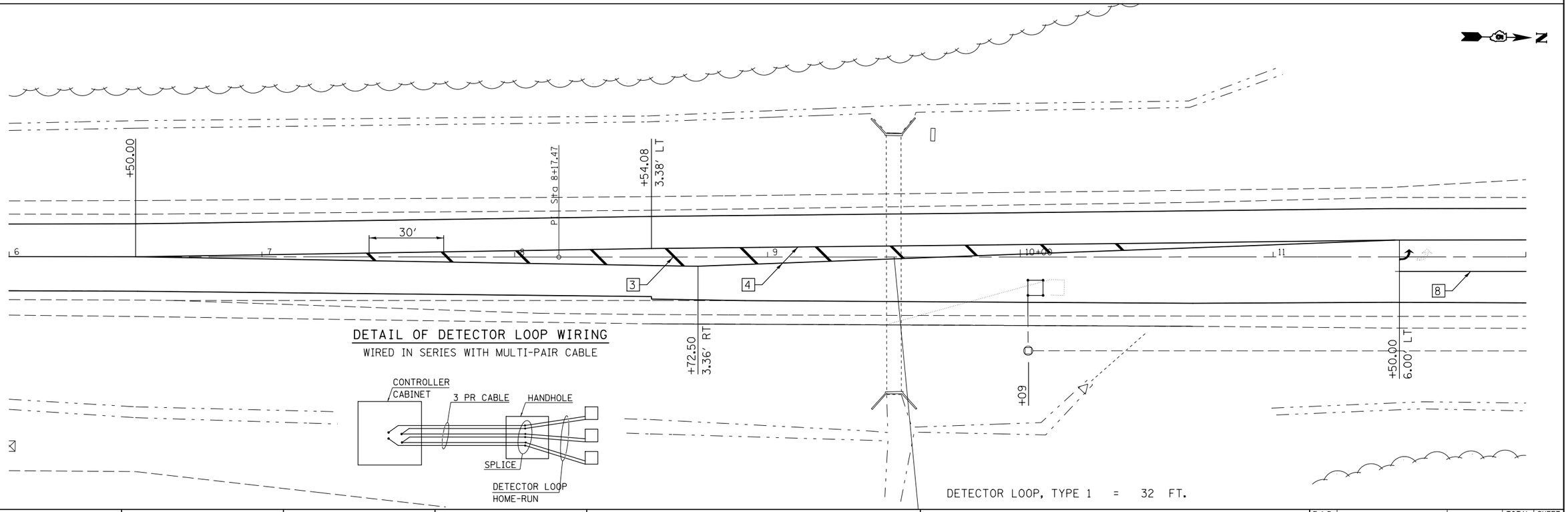
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	46
• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		





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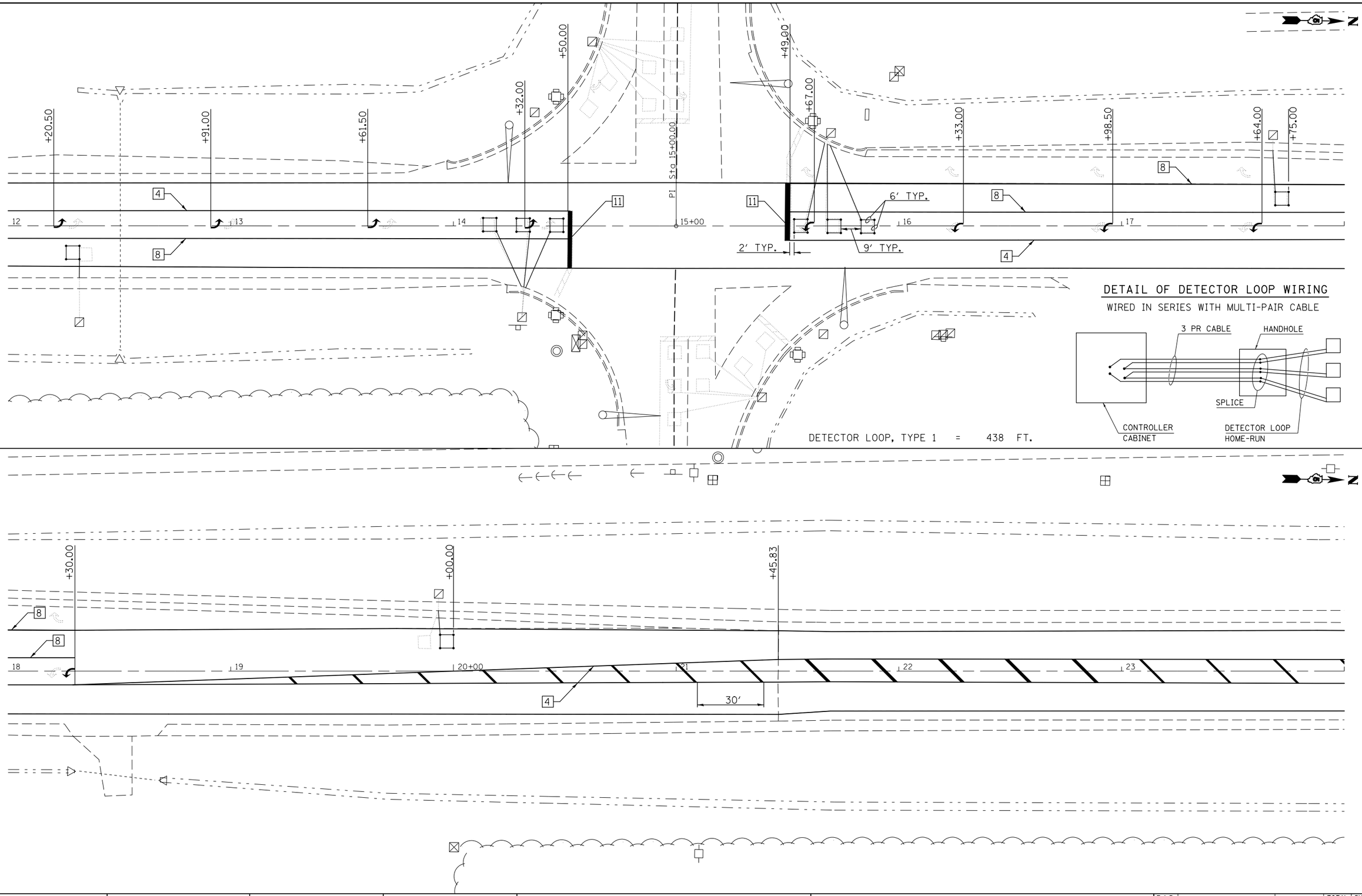
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	47
	• 201RS-1,(200R)RS-2&200RS-3	CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			



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		DRAWN -	REVISED -						808	•	CHAMPAIGN	59	48
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -						• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
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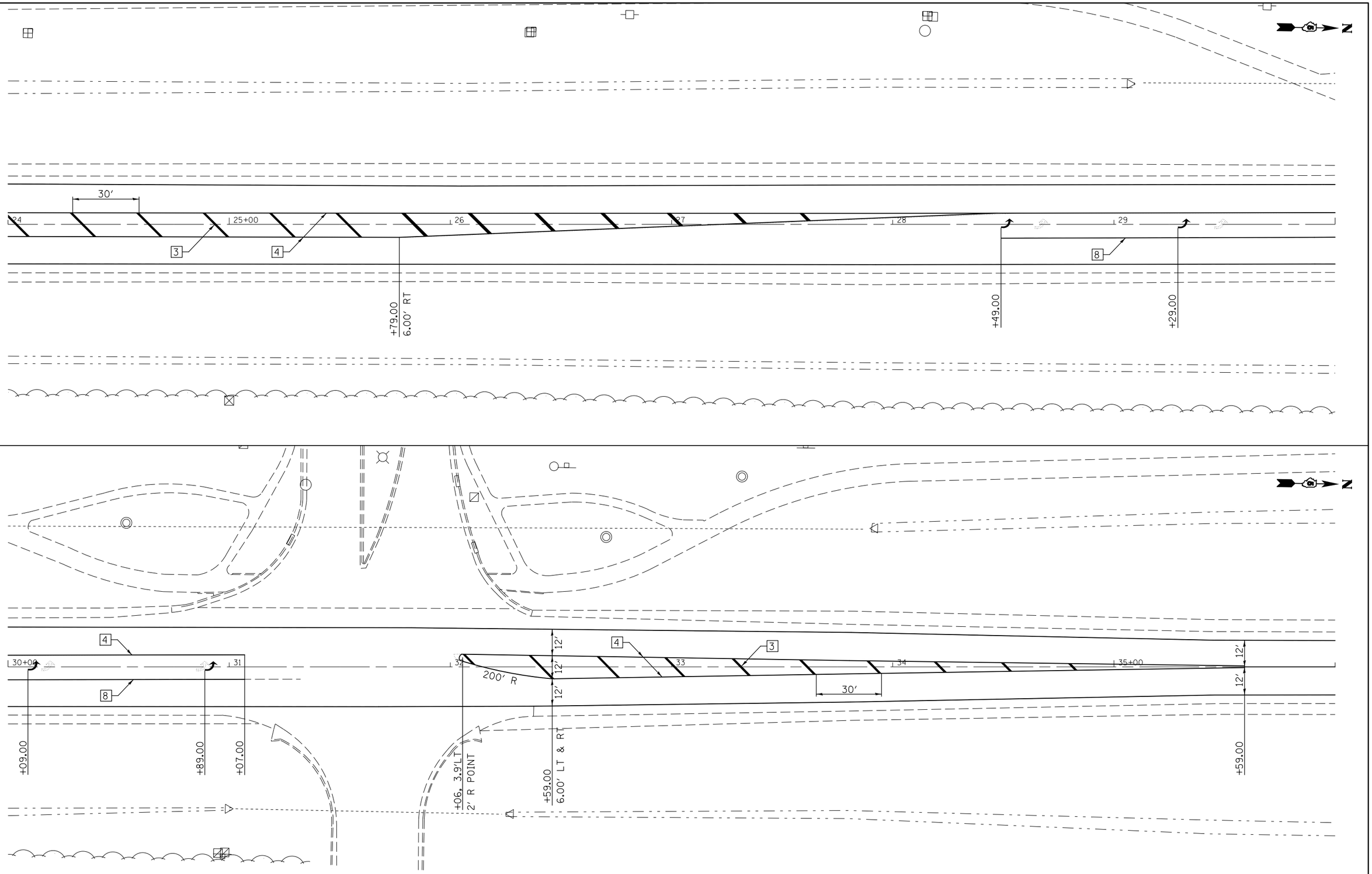

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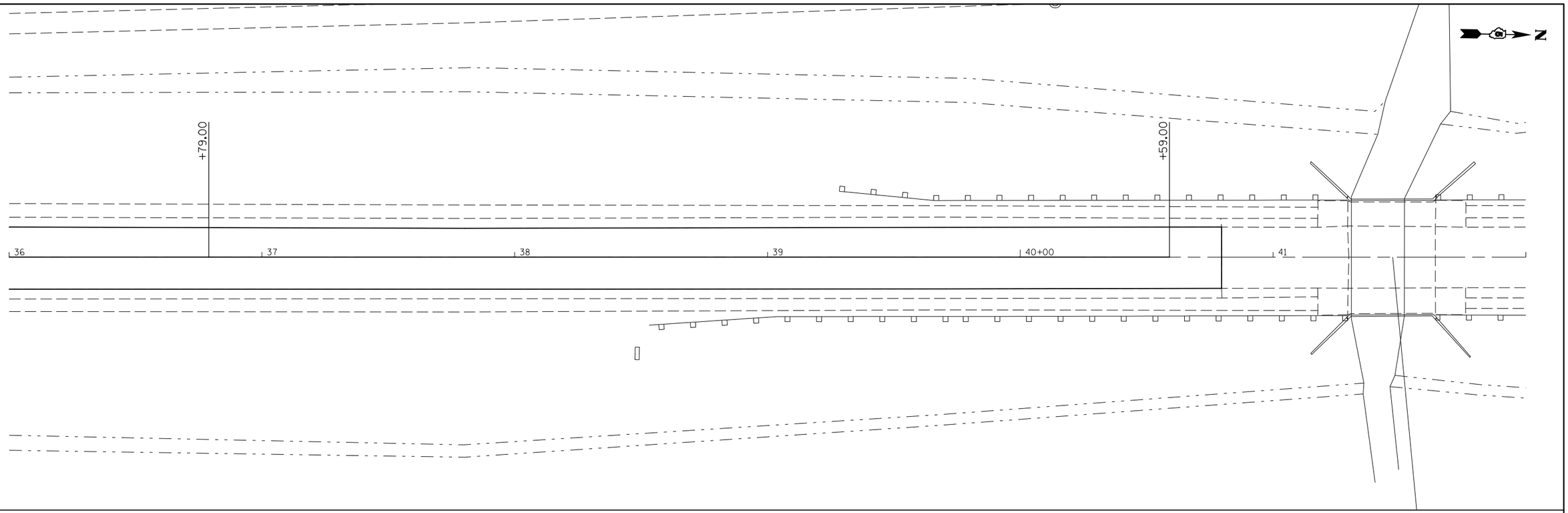
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND DETECTOR LOOP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	49
	• 201RS-1,(200R)RS-2&200RS-3	CONTRACT NO. 70A54		
	ILLINOIS FED. AID PROJECT			



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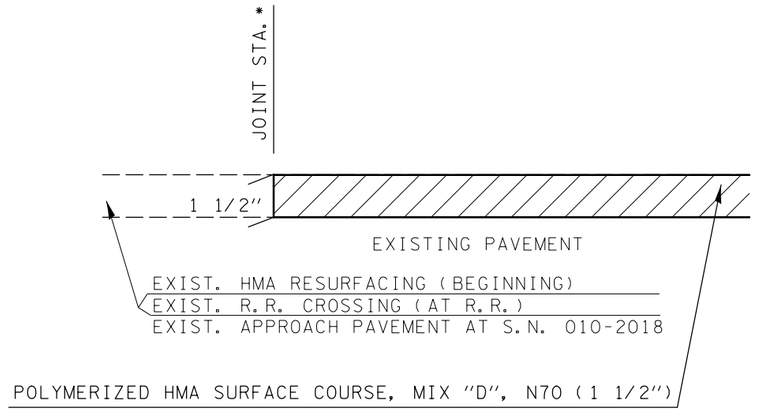
		DRAWN -	REVISED -						808	•	CHAMPAIGN	59	50
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -						• 201RS-1,(200R)RS-2&200RS-3		CONTRACT NO. 70A54		
$MODELNAME$	PLOT DATE = 12/9/2014	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.			ILLINOIS FED. AID PROJECT		

BUTT JOINT AT BEGINNING OF PROJECT

N. OF RAILROAD & N. OF S.N. 010–2018

*STA. 100+75.56, STA. 104+26.10, & STA. 42+14.67

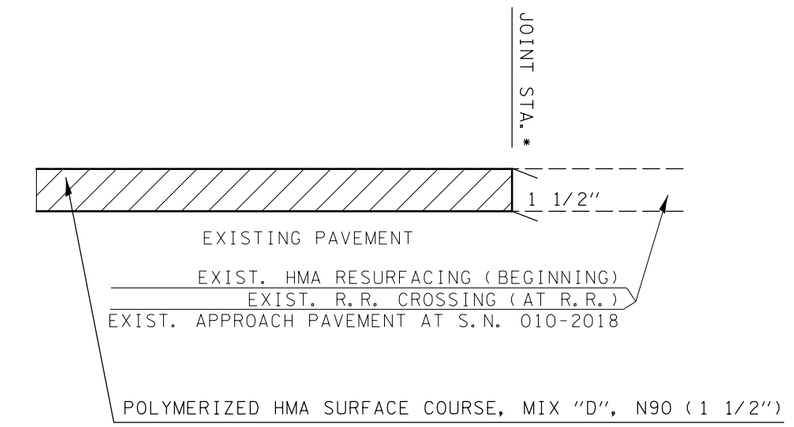


HMA SURFACE REMOVAL, 1 1/2"

BUTT JOINT AT END OF PROJECT

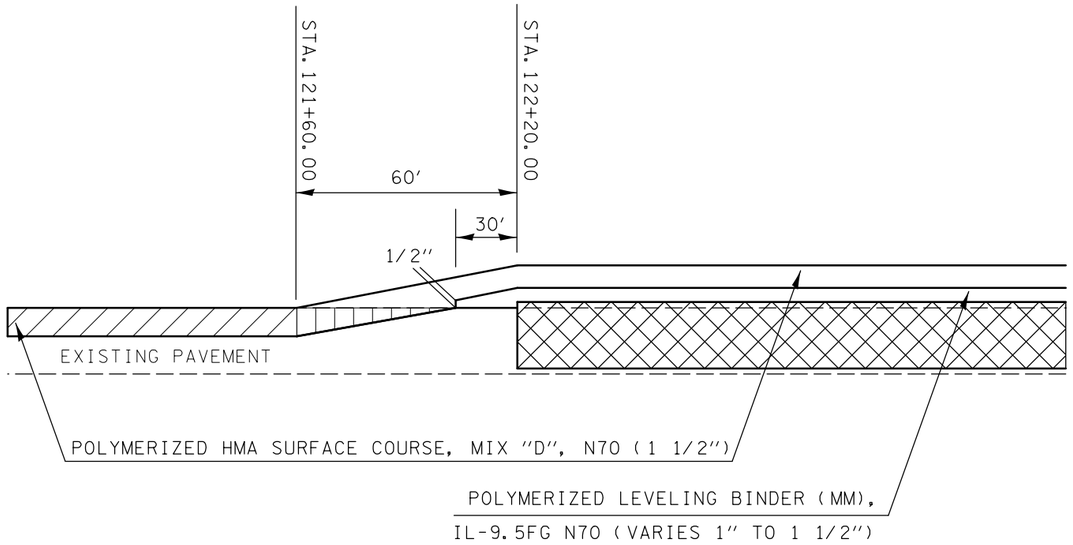
S. OF RAILROAD & S. OF S.N. 010–2018

*STA. 104+15.74, STA. 40+80.00, & STA. 55+72.04



HMA SURFACE REMOVAL, 1 1/2"

TRANSITION AT BEGINNING OF C.I.P. RECYCLING SECTION

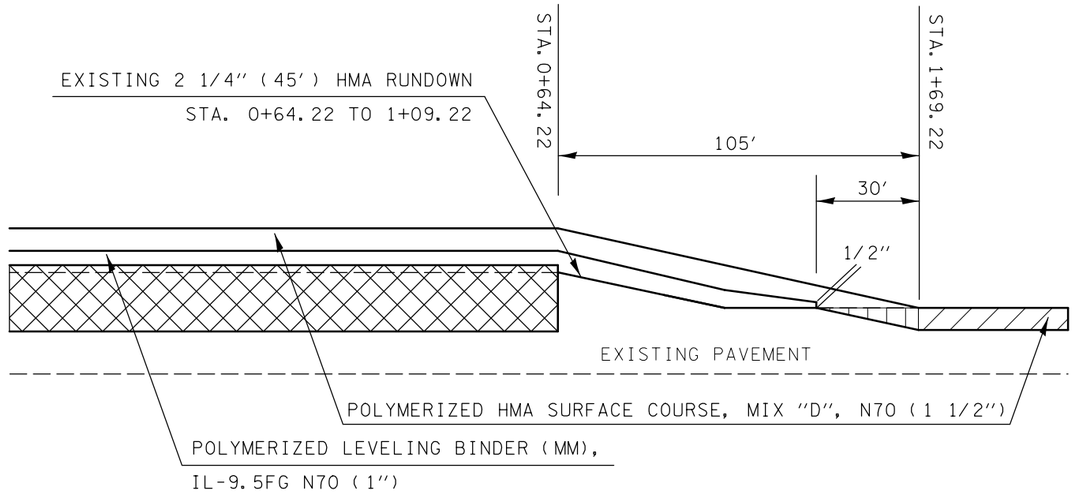


HMA SURFACE REMOVAL, 1 1/2"

COLD-IN-PLACE RECYCLING, 3 1/2" (RESULTS IN A +/- 1/2" CHANGE IN PROFILE GRADE)

HMA SURFACE REMOVAL, BUTT JOINT

TRANSITION AT END OF C.I.P. RECYCLING SECTION



HMA SURFACE REMOVAL, 1 1/2"

COLD-IN-PLACE RECYCLING, 3 1/2" (RESULTS IN A +/- 1/2" CHANGE IN PROFILE GRADE)

HMA SURFACE REMOVAL, BUTT JOINT

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

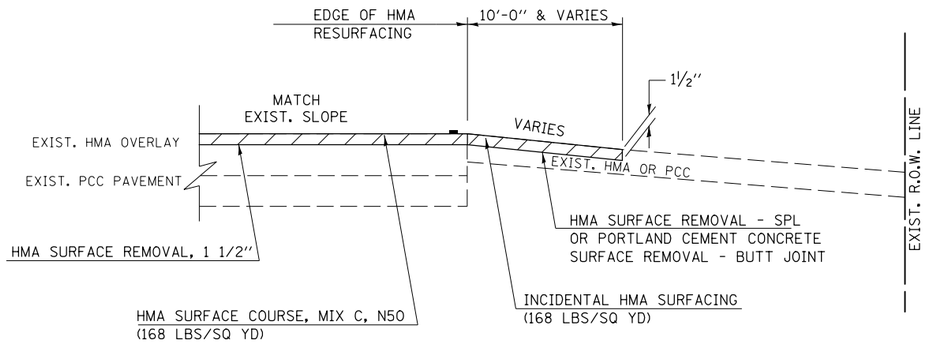
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

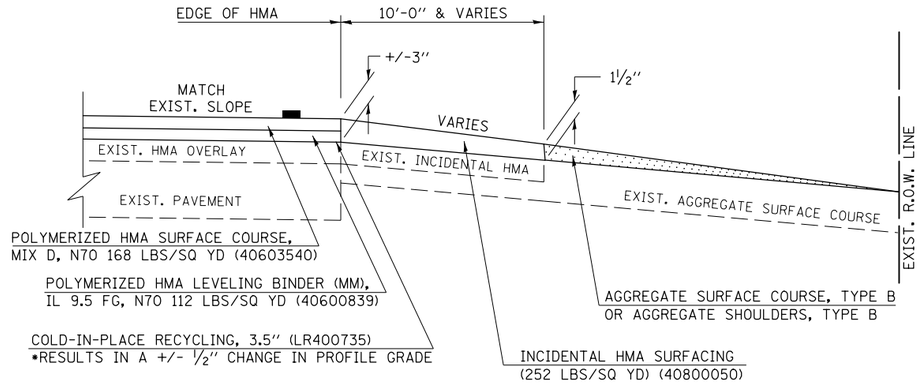
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	51
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			

TREATMENT OF EXISTING HMA OR PCC ENTRANCES WITHIN 1½" INLAY LIMITS



TREATMENT OF EXISTING HMA OR PCC ENTRANCES & MAILBOX TURNOUTS WITHIN 2½" OVERLAY LIMITS



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.

2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.

4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.

5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.

6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

	NEW CONSTRUCTION & 3R with RECONSTRUCTION								3R w/out RECONSTRUCTION, 3P, SMART & CM					
	NONCOMMERCIAL					COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS					PRIVATE & FIELD					
DESIGN ELEMENT	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY: 14 / 2 LANE, 2 WAY: 24	16	24 / 30 / 35				1 LANE, 1 WAY / 2 LANE, 2 WAY		
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
SHOULDER WIDTH (FT)	2	2		2		1	3							
SHOULDER SLOPE (%)	2	4	6	4		2	4	6						
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10						
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4						
SURFACE TYPE														
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder					
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8						

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

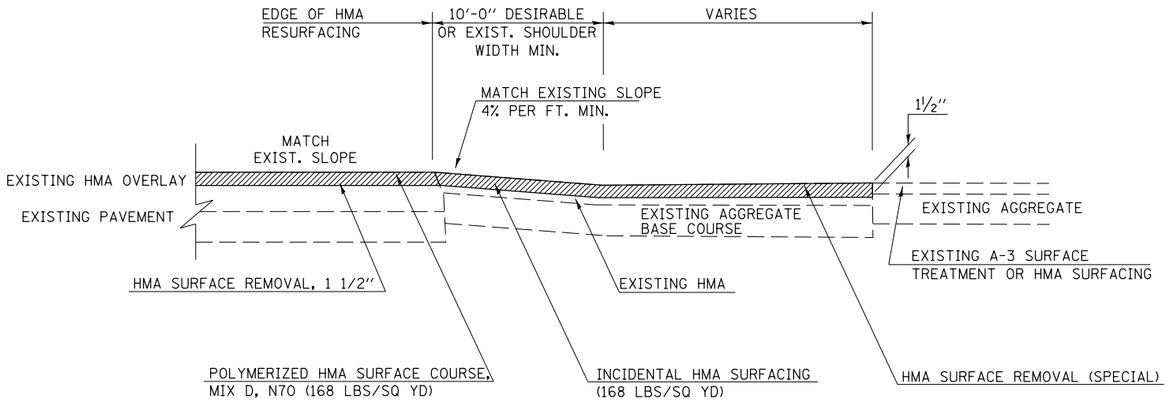
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRIVATE AND COMMERCIAL ENTRANCES AND MAILBOX TURNOUTS

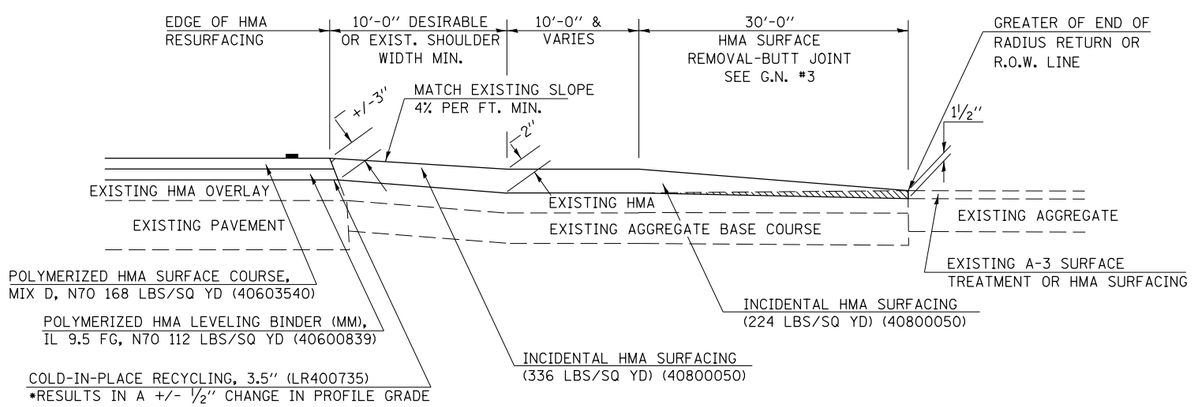
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	52
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
	ILLINOIS	FED. AID PROJECT		

TREATMENT OF SIDEROADS & SIDESTREETS WITHIN 1½'' INLAY LIMITS



TREATMENT OF SIDEROADS & SIDESTREETS WITHIN 2½'' OVERLAY LIMITS



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS

2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE ''BUTT JOINTS'' CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE ''FEATHEREDGE RUNDOWNS''.

4. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 6' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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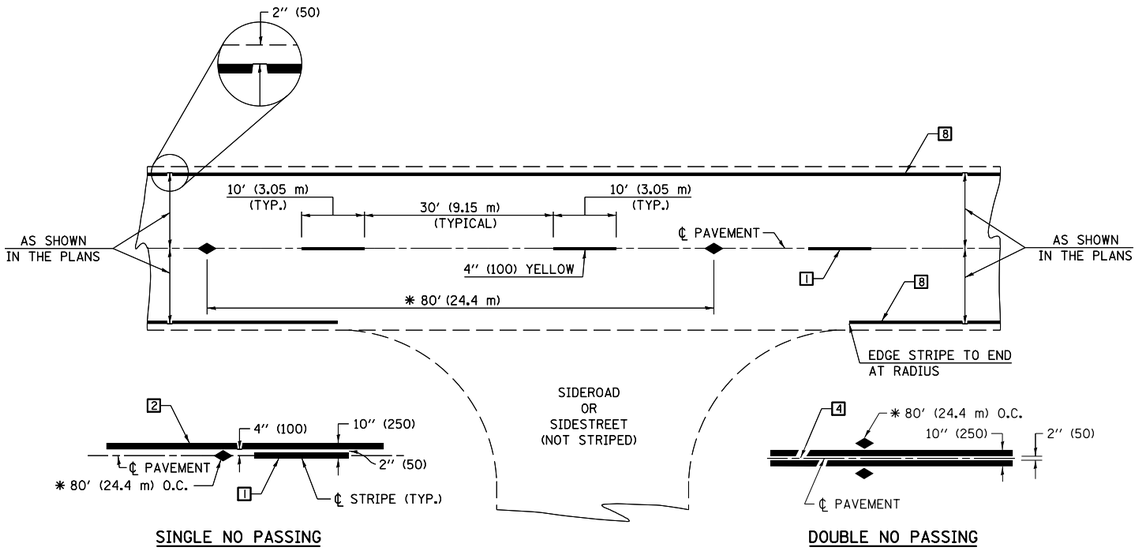
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROADS & SIDESTREETS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	53
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
ILLINOIS	FED. AID PROJECT			



SINGLE NO PASSING

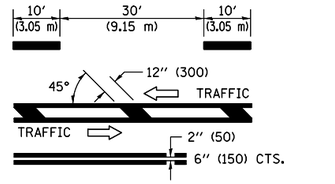
DOUBLE NO PASSING

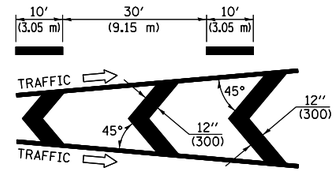
✱ REDUCE TO 40′ (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

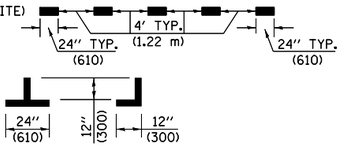
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

1. 4″ (100) SKIP-DASH (YELLOW)
2. 4″ (100) SOLID (YELLOW)
3. 12″ (300) DIAGONAL (YELLOW)
4. 4″ (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4″ (100) SKIP-DASH (WHITE)
8. 4″ (100) SOLID (WHITE)
9. 12″ (300) DIAGONAL (WHITE)
10. 6″ (150) SOLID (WHITE)
11. 24″ (600) STOP BAR (WHITE)
12. 8″ (200) SOLID (WHITE)
13. 4″ (100) LANE LINE EXTENSIONS (WHITE)
14. 4″ (100) PARKING WHITE



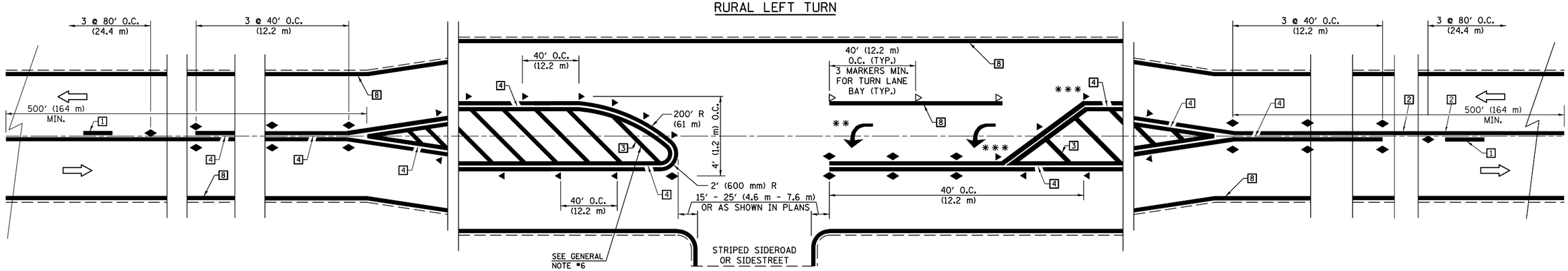




TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



✱✱✱ REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

✱✱ TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET ✱2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

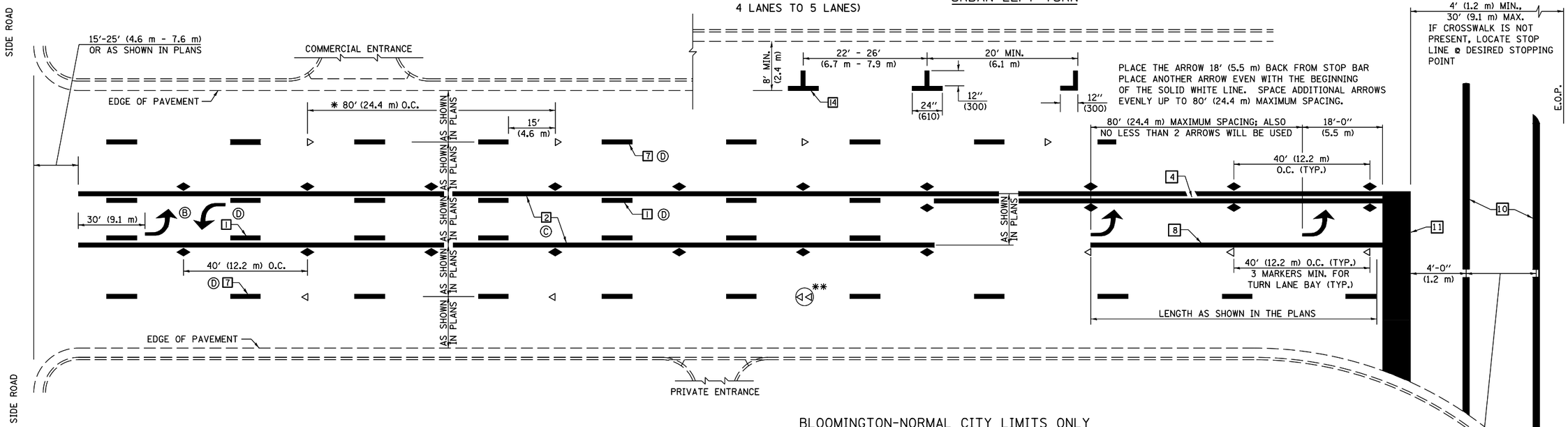
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	54
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN LEFT TURN

(2 LANES TO 3 LANES OR
4 LANES TO 5 LANES)



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

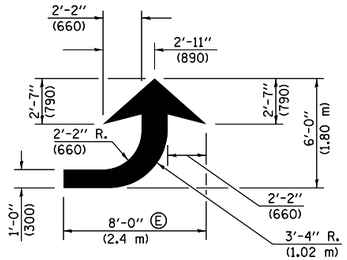
GENERAL NOTES:

Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.

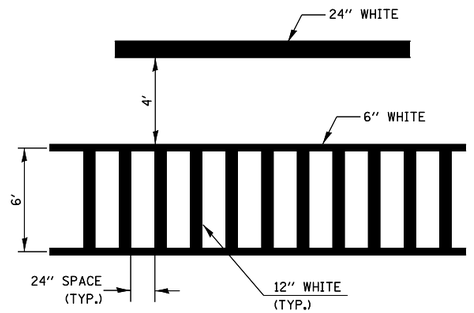
Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



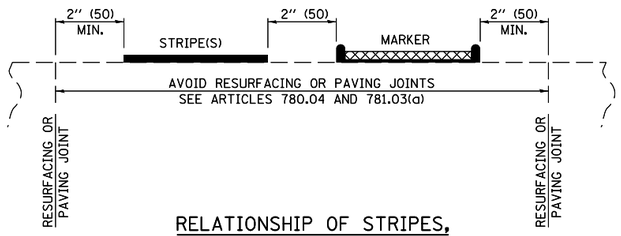
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m^2)
(WHITE)

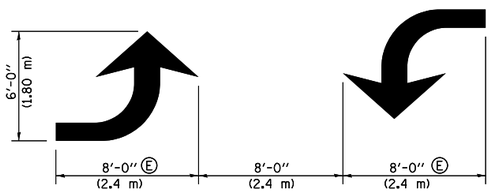
BLOOMINGTON-NORMAL CITY LIMITS ONLY



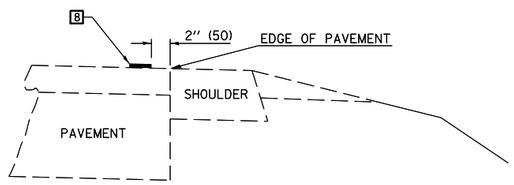
TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



TYPICAL DOUBLE TURN ARROWS (WHITE)



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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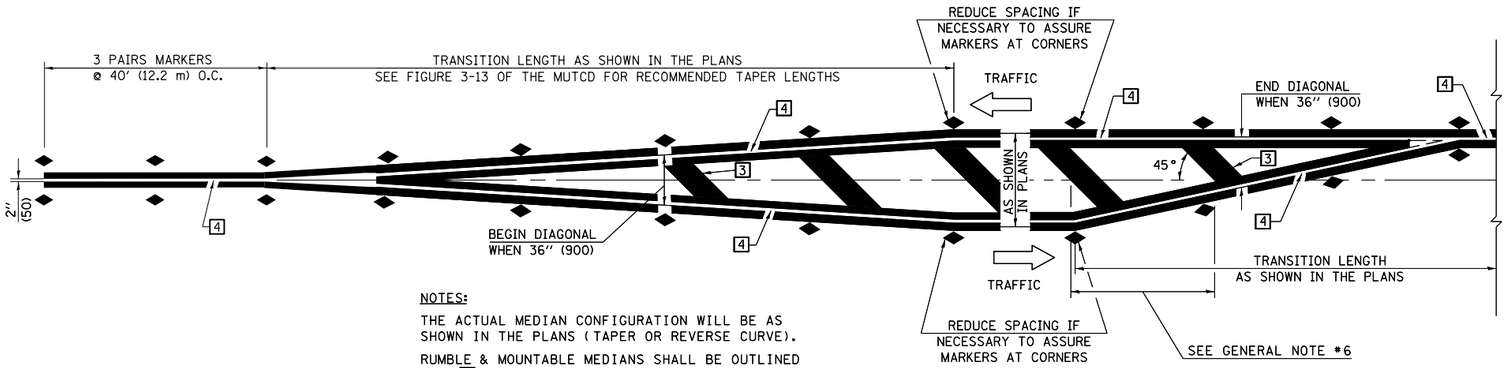
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 - JLA	
	PLOT DATE = 12/9/2014	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 2 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	55
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

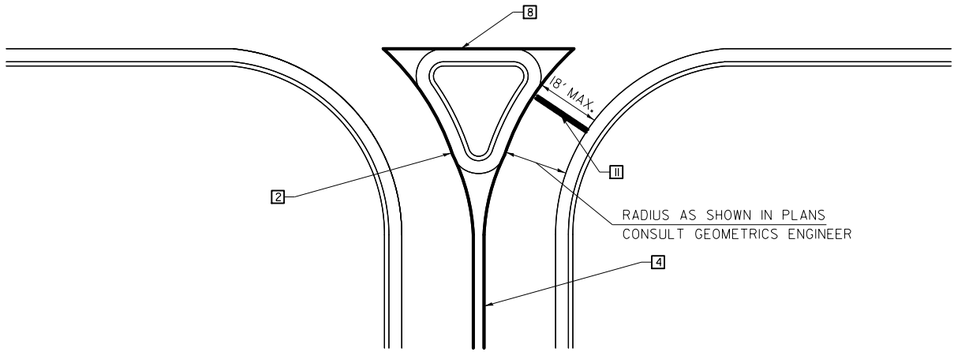
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).

RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

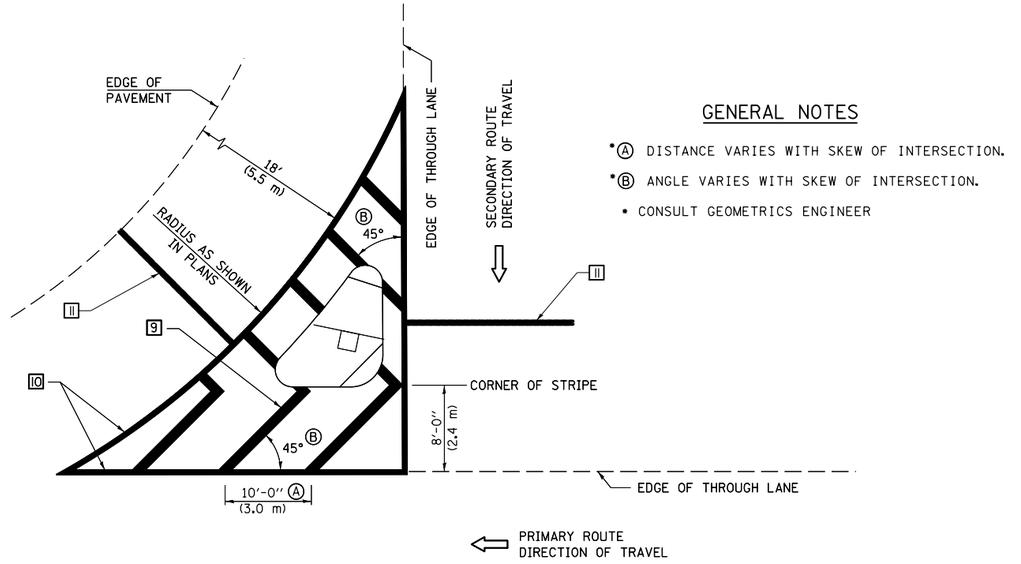
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
   <30 MPH USE 15' (<50 km/h USE 4.5 m)
   30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
   >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

*Ⓐ DISTANCE VARIES WITH SKEW OF INTERSECTION.

*Ⓑ ANGLE VARIES WITH SKEW OF INTERSECTION.

• CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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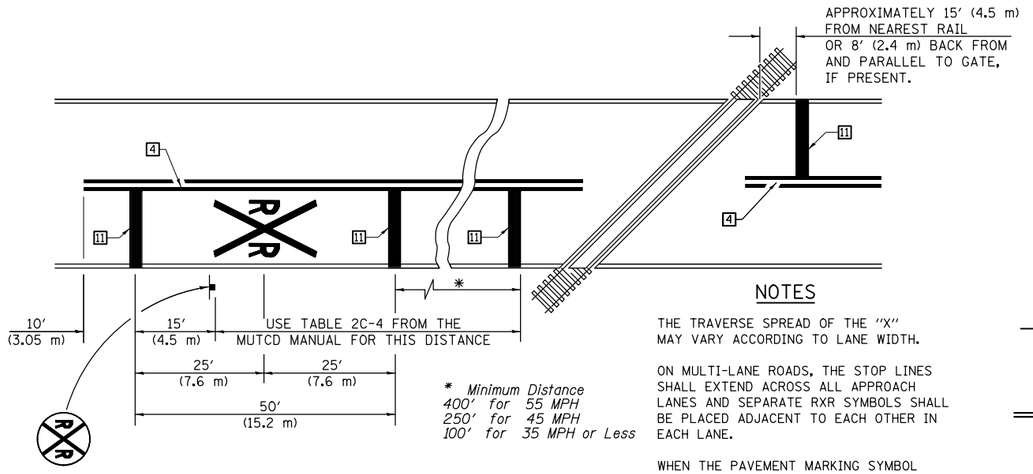
		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	56
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



* *Minimum Distance*
400′ for 55 MPH
250′ for 45 MPH
100′ for 35 MPH or Less

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

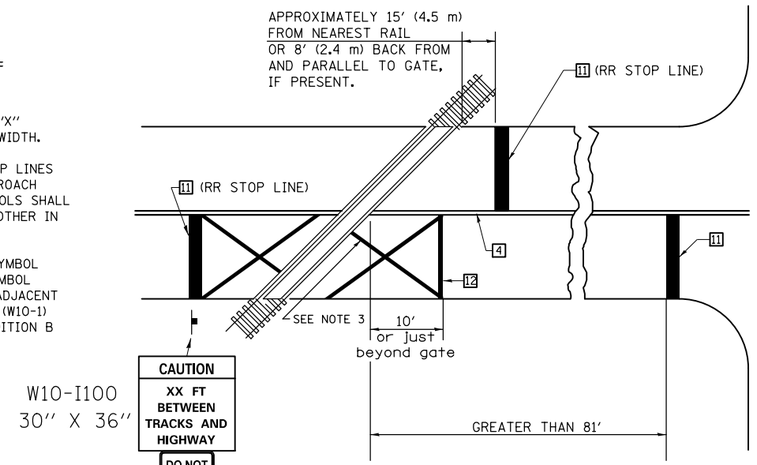
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

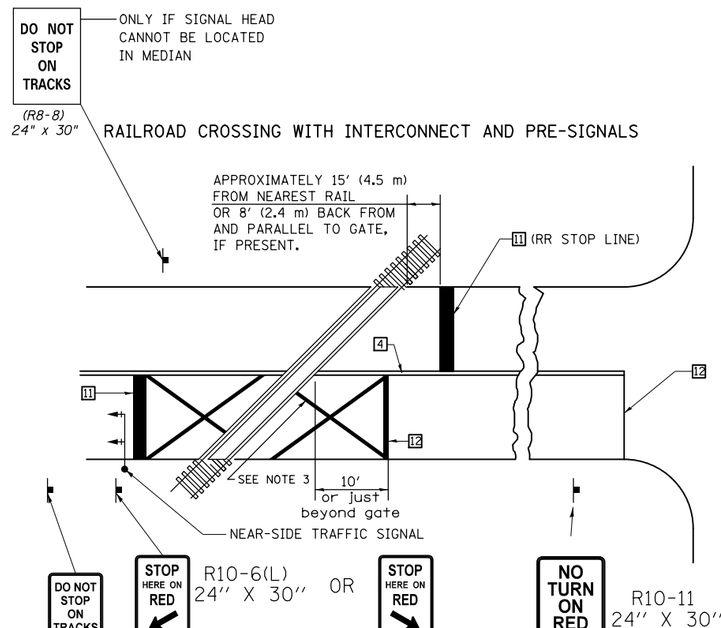
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30″ X 36″

R8-8
24″ X 30″

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



R8-8
24″ X 30″

R10-6(L)
24″ X 30″

OR

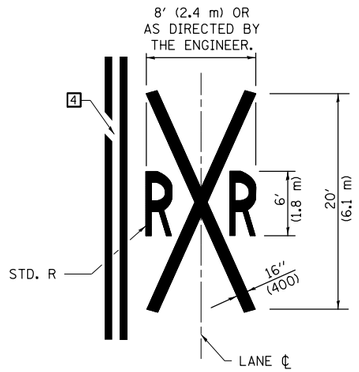
R10-6(R)
24″ X 30″
IF IN MEDIAN

R10-11
24″ X 30″

R10-11
24″ X 30″

R8-8
24″ X 30″

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

R10-6a(L)
24″ X 30″

R10-6a(R)
24″ X 30″

GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6″ WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8′ CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

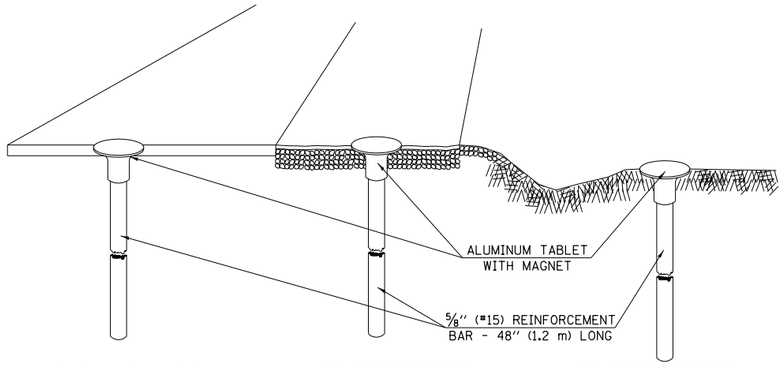
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 4 OF 4 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	57
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

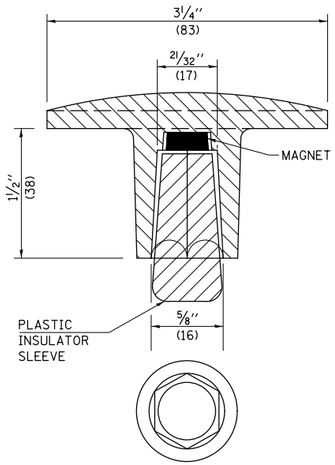
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)

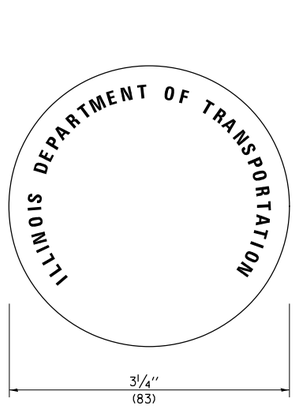


IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.





THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3¼" (83 mm) CONVEX SURVEY CAP FOR ⅝" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1½" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% (IN 2" (50 mm)). SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

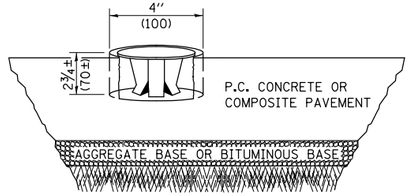
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE ⅝" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR ⅝" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

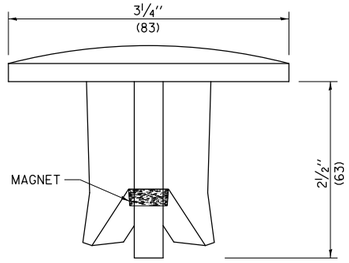
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



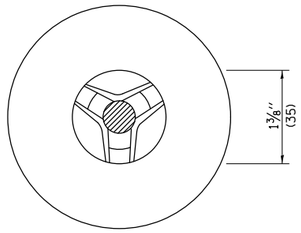
SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3¼" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2½" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. XZ193AAA

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

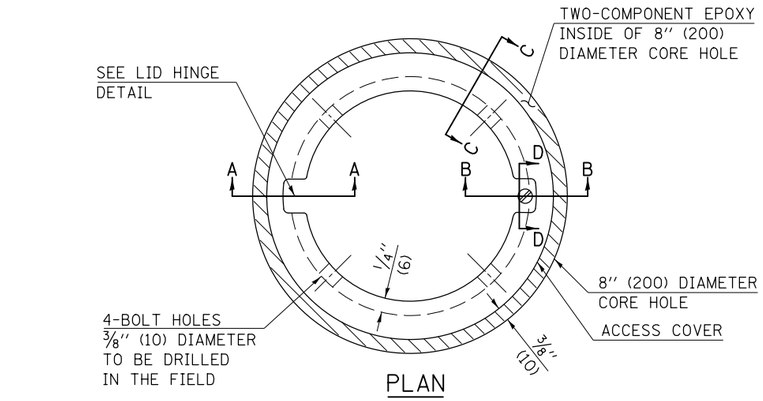
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	58
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

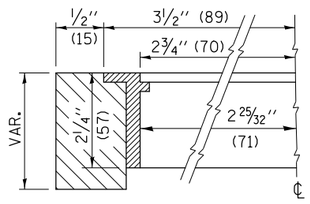
TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



PLAN

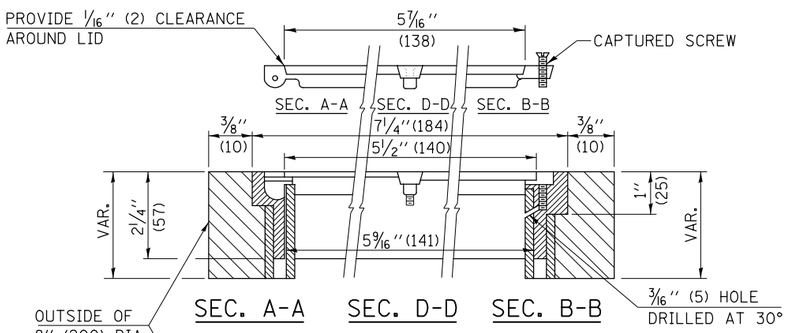
LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY



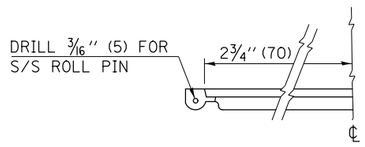
SECTION C-C

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.



SEC. A-A SEC. D-D SEC. B-B

ELEVATION



LID HINGE DETAIL

BILL OF MATERIAL
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. Z0070100

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	PLOT DATE = 12/9/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT COVER ASSEMBLY

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	•	CHAMPAIGN	59	59
•201RS-1,(200R)RS-2 & 200RS-3		CONTRACT NO. 70A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		