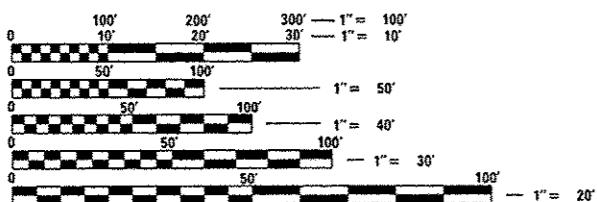


FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

STRUCTURES
S.N. 074-0071: OMISSION
S.N. 074-0072: OMISSION
S.N. 074-8033: 1 3/4" MILLING AND 2" HMA RESURFACING

DESIGN DESIGNATION
N/A

CURRENT ADT: (2011)
7,400



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

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

PROJECT ENGINEER JASON STULTS 217-466-7364
PROJECT MANAGER MICHAEL LEROY 217-466-7228

CONTRACT NO. 70843

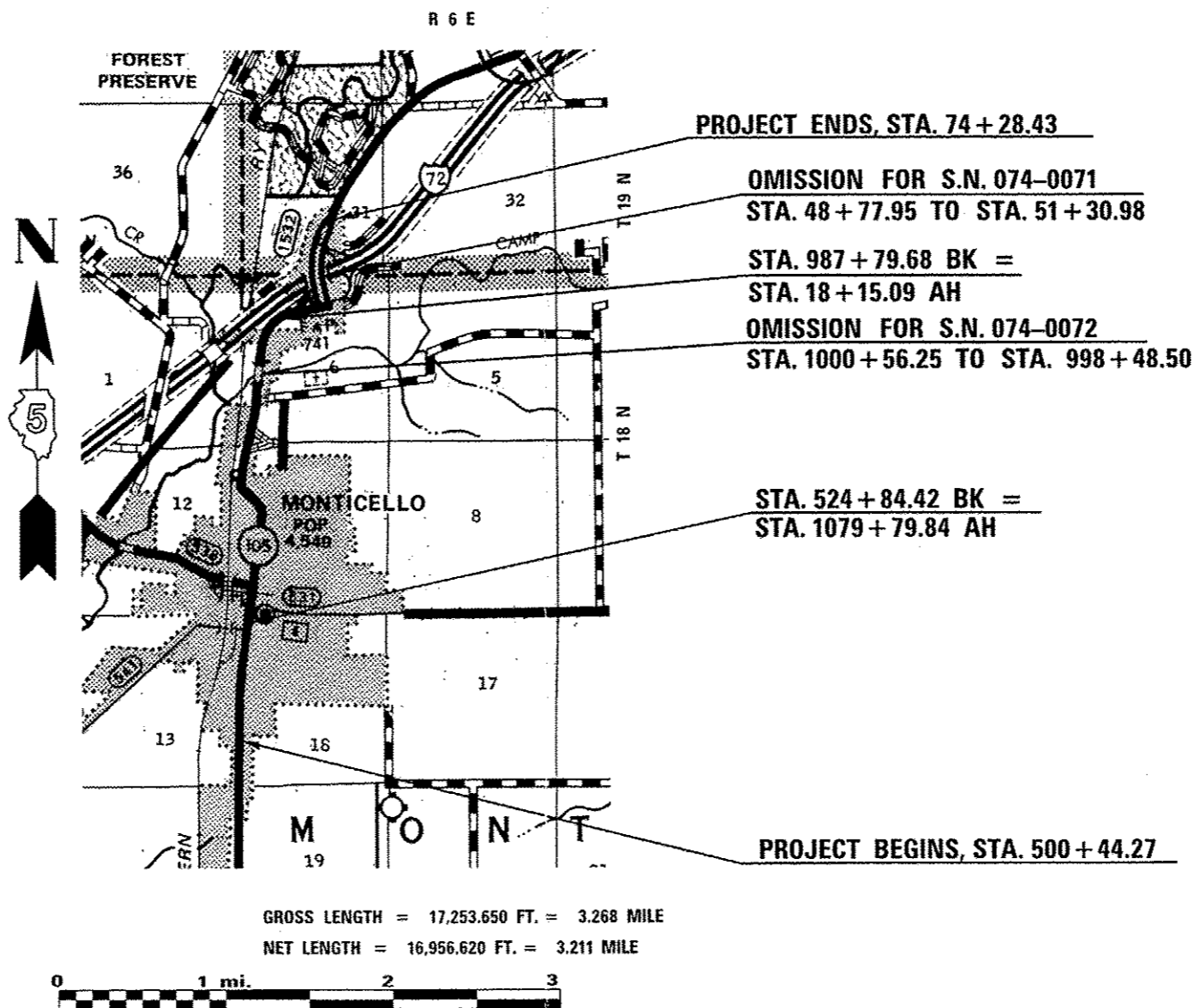
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 741/FAU 7545 (IL 105)
SECTION (7,Z)RS-3

INTERMITTENT RESURFACING & PATCHING
PIATT COUNTY

C-95-024-11

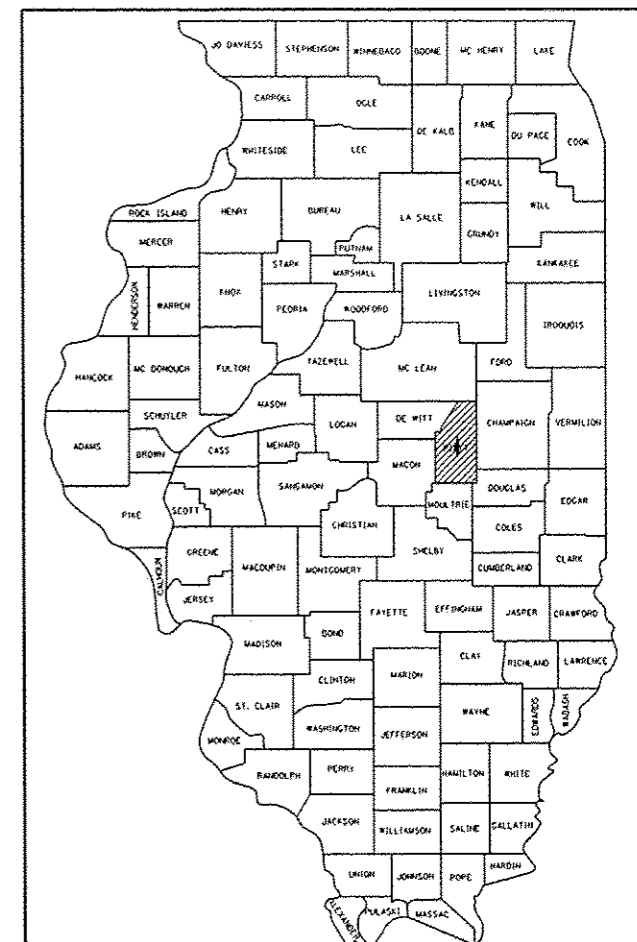


GROSS LENGTH = 17,253.650 FT. = 3.268 MILE
NET LENGTH = 16,956.620 FT. = 3.211 MILE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	PIATT	63	1
		ILLINOIS	CONTRACT NO. 70843	

D95-024-11



LOCATION OF SECTION INDICATED THUS: - [shaded rectangle]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 10, 2014

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2014
[Signature] P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2014
[Signature] P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
3-4	GENERAL NOTES
5-8	SUMMARY OF QUANTITIES
9-19	EXISTING TYPICAL CROSS SECTIONS
20-30	PROPOSED TYPICAL CROSS SECTIONS
31-38	SCHEDULE OF QUANTITIES
39-53	PLAN SHEETS
54	DETAIL - SIDEROAD AND SIDE STREETS (RURAL)
55	DETAIL - PRIVATE AND COMMERCIAL ENTRANCES
56	DETAILS - TRAFFIC CONTROL AND PROTECTION DEVICES (ROAD AND SIDESTREET/SIDEROAD CLOSURES)
57-60	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
61	PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING
62	SURVEY MARKER TYPE 1 & 2 (SPECIAL)
63	SURVEY MONUMENT COVER ASSEMBLY

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C and D PATCHES
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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 BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

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:

Mr. Sylvester Keller
General Manager
Monticello Railroad Museum
P.O. Box 401
Monticello, Illinois 61856
(217) 762-9011

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

Mr. Sylvester Keller
General Manager
Monticello Railroad Museum
P.O. Box 401
Monticello, Illinois 61856
(217) 762-9011

G.N.-403A

BITUMINOUS SURFACE TREATMENTS: The resulting target application rates are as follows:

SHOULDER SEAL:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE	APPLICATION RATE
A-1	HFP- CRSP	0.25 gal/yd ²	FM-01 (SPECIAL)	15 lb/yd ²
A-1	HFP- CRSP	0.25 gal/yd ²	FM-20 (SPECIAL)	15 lb/yd ²

AGGREGATE GRADATION:

SIEVE NUMBER	TOTAL PERCENT PASSING	
	FM-01 (SPECIAL)	FM-20 (SPECIAL)
3/8"	100	100
No.4	97+/-3	97+/-3
No.8	85+/-15	70+/-20
No.16	40+/-15	40+/-15
No.50	12+/-12	12+/-12
No.100	8+/-8	8+/-8
No.200	1.5+/-1	1.5+/-1
DESCRIPITON	WET BOTTOM BOILER SLAG	CRUSHED GRAVEL

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

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.

GN 406H MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location	IL 105	IL 105	IL 105
Mixture Use	Surface & Incidental	P.D. Patching	Class D
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (Max)	*	*	*
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 19.0 FG
Friction Aggregate	Mix D	Mix C	NA

* SEE RAP/RAS SPECIAL PROVISION

FILE NAME =	USER NAME = ceerlock.jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or:\p\work\p\w\dot\ceerlock\jd\838018\1\70843-shr-gennotes.dgn	DRAWN -	REVISED -	741			(7,ZIRS-3)	Platt	63	3	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70843							
PLOT DATE = 4/10/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____										

GENERAL NOTES (CONT)

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.-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 SETTING 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. - 873

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.

NO COMMITMENTS

FILE NAME = c:\pwork\pavdata\ceerlockj\080809\070843-ght-gennotes.dgn	USER NAME = ceerlockj 70843-ght-gennotes.dgn PLOT SCALE = 40.0000' / 1" = PLOT DATE = 4/10/2014	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES SCALE: _____ SHEET 2 OF 2 SHEETS STA. _____ TO STA. _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">F.A.P. RTE.</th> <th style="font-size: small;">SECTION</th> <th style="font-size: small;">COUNTY</th> <th style="font-size: small;">TOTAL SHEETS</th> <th style="font-size: small;">SHEET NO.</th> </tr> <tr> <td style="text-align: center;">741</td> <td style="text-align: center;">(7,ZIRS-3</td> <td style="text-align: center;">Pigg</td> <td style="text-align: center;">63</td> <td style="text-align: center;">4</td> </tr> <tr> <td colspan="5" style="text-align: center; font-weight: bold;">CONTRACT NO. 70843</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	741	(7,ZIRS-3	Pigg	63	4	CONTRACT NO. 70843					ILLINOIS FED. AID PROJECT
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																		
741	(7,ZIRS-3	Pigg	63	4																		
CONTRACT NO. 70843																						

PIATT COUNTY URBAN STA. 500+44.27 TO STA. 50+00 100% STATE 0005 FAP 741

PIATT COUNTY URBAN STA. 50+00 TO STA. 74+28.43 100% STATE 0005 FAU 7545

LOCATION:

SUMMARY OF QUANTITIES

FUNDING BREAKOUT:

CONSTRUCTION CODE:

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL QTY	QTY	QTY
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,299.0	763.0	536.0
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	3,248.0	1,907.0	1,341.0
40300600	SEAL COAT AGGREGATE	TON	97.0	57.0	40.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6,351.0	5,406.0	945.0
40600300	AGGREGATE (PRIME COAT)	TON	127.0	108.0	19.0
40600990	TEMPORARY RAMP	SQ YD	1,668.0	1,566.0	102.0
40603340	HOT MIX ASPHALT, SURFACE COURSE, MIX "D" N70	TON	7,114.0	6,055.0	1,059.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	764.0	699.0	65.0
40800030	AGGREGATE (PRIME COAT)	TON	15.0	13.0	2.0
40800050	INCIDENTAL HOT MIX ASPHALT SURFACING	TON	856.0	783.0	72.7
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	63,513.0	54,062.0	9,451.0
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	131.0	131.0	
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	131.0	131.0	

*SPECIALTY ITEMS

FILE NAME :	USER NAME : oee-lock_jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 4/18/2014	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 70843		ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -	REVISED -			SCALE: _____ SHEET 1 OF 4 SHEETS STA. _____ TO STA. _____					

07A0L,01 07A0L,01

LOCATION:

SUMMARY OF QUANTITIES (CONT.)

FUNDING BREAKOUT:

PIATT COUNTY URBAN
 STA. 500+44.27 TO STA. 50+00
 100% STATE 0005
 FAP 741

PIATT COUNTY URBAN
 STA. 50+00 TO STA. 74+28.43
 100% STATE 0005
 FAU 7545

CONSTRUCTION CODE:

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL QTY	QTY	QTY
56109210	WATER VALVES TO BE ADJUSTED	EACH	21.0	21.0	
60255500	MANHOLES TO BE ADJUSTED	EACH	22.0	22.0	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3.0	2.6	0.4
67100100	MOBILIZATION	L SUM	1.0	0.9	0.1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	1.0	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,504.0	4,808.0	696.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQFT	918.0	802.0	116.0
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQFT	1,714.0	1,355.0	359.0
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	38,448.0	34,466.0	3,982.0
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1,818.0	1,818.0	
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	874.0	874.0	
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	879.0	852.0	27.0

*SPECIALTY ITEMS

LOCATION:

SUMMARY OF QUANTITIES (CONT.)

FUNDING BREAKOUT:

CONSTRUCTION CODE:

PIATT COUNTY URBAN	PIATT COUNTY URBAN
STA. 500+44.27 TO STA. 50+00	STA. 50+00 TO STA. 74+28.43
100% STATE	100% STATE
0005	0005
FAP 741	FAU 7545

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL QTY	QTY	QTY
78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	565.0	560.0	5.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	565.0	560.0	5.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,100.0	1,100.0	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	7,640.0	6,991.0	649.0
X4406065	PARTIAL DEPTH REMOVAL, TYPE I, 6 1/2"	SQ YD	48.0	48.0	
X4406070	PARTIAL DEPTH REMOVAL, TYPE I, 7"	SQ YD	48.0	48.0	
X4406075	PARTIAL DEPTH REMOVAL, TYPE I, 7 1/2"	SQ YD	176.0	176.0	
X4406085	PARTIAL DEPTH REMOVAL, TYPE I, 8 1/2"	SQ YD	38.0	38.0	
X4406265	PARTIAL DEPTH REMOVAL, TYPE II, 6 1/2"	SQ YD	16.0	16.0	
X4406270	PARTIAL DEPTH REMOVAL, TYPE II, 7"	SQ YD	40.0	40.0	
X4406285	PARTIAL DEPTH REMOVAL, TYPE II, 8 1/2"	SQ YD	40.0	40.0	
X4421000	PARTIAL DEPTH PATCHING	TON	165.0	165.0	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	14.0	14.0
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	38,448.0	34,466.0	3,982.0

*SPECIALTY ITEMS

FILE NAME =	USER NAME = cearlookjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\\p-work\p\dat\cearlook_jd\03881891078843-ht-803.dgn	78843-ht-803.dgn	DRAWN -	REVISED -			741	(7,2)RS-3	PIATT	63	7	
PLOT SCALE = 48,0000 1" = 100'		CHECKED -	REVISED -			CONTRACT NO. 70843		ILLINOIS FED. AID PROJECT			
PLOT DATE = 4/18/2014		DATE -	REVISED -			SCALE: _____	SHEET 3 OF 4 SHEETS	STA. _____ TO STA. _____			

LOCATION:

SUMMARY OF QUANTITIES (CONT.)

FUNDING BREAKOUT:

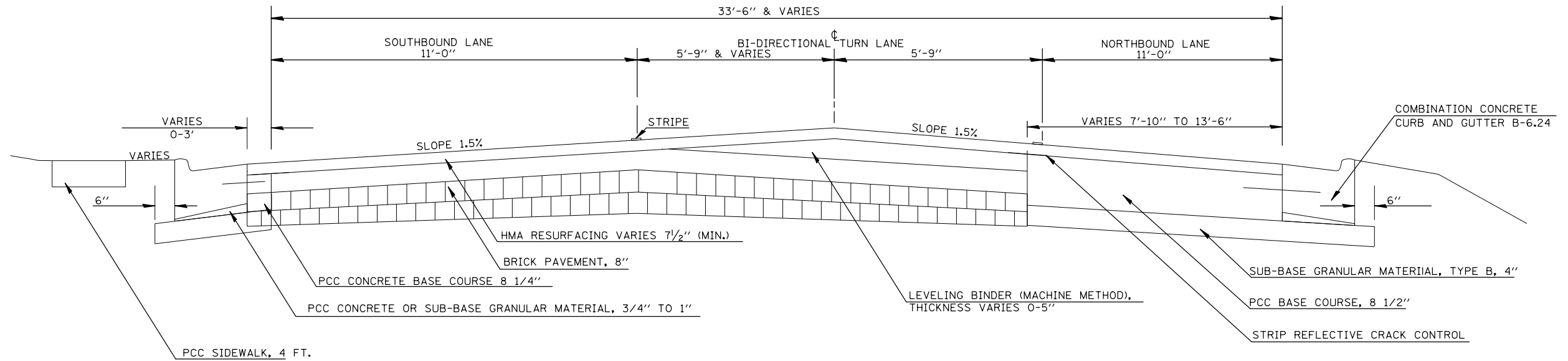
CONSTRUCTION CODE:

PIATT COUNTY URBAN STA. 500+44. TO STA. 50+00 100% STATE 0005 FAP 741
 PIATT COUNTY URBAN STA. 50+00 TO STA. 74+28.43 100% STATE 0005 FAU 7545

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL QTY	QTY	QTY
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,818.0	1,818.0	
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	874.0	874.0	
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	879.0	852.0	27.0
XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	20.0	20.0	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0	
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	15.0	13.0	2.0

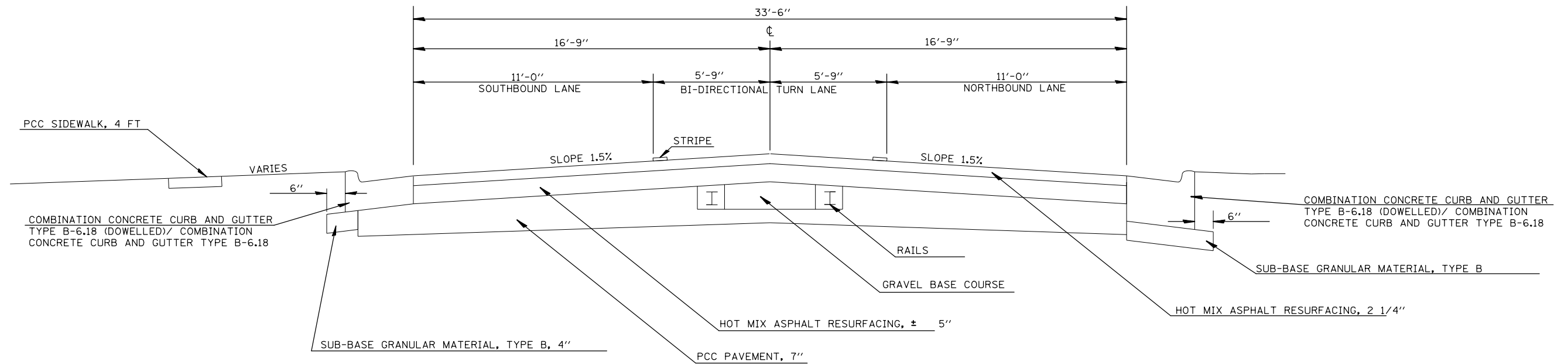
*SPECIALTY ITEMS

EXISTING TYPICAL CROSS SECTION
STATION 500+06.52 TO STATION 507+00.00



EXISTING TYPICAL CROSS SECTION
STATION 507+00.00 TO STATION 524+84.42

* STATION EQUATION:
STATION 524+84.42 BK =
STATION 1079+79.84 AH
(BEGIN STATIONS RUN NORTH TO SOUTH)



FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

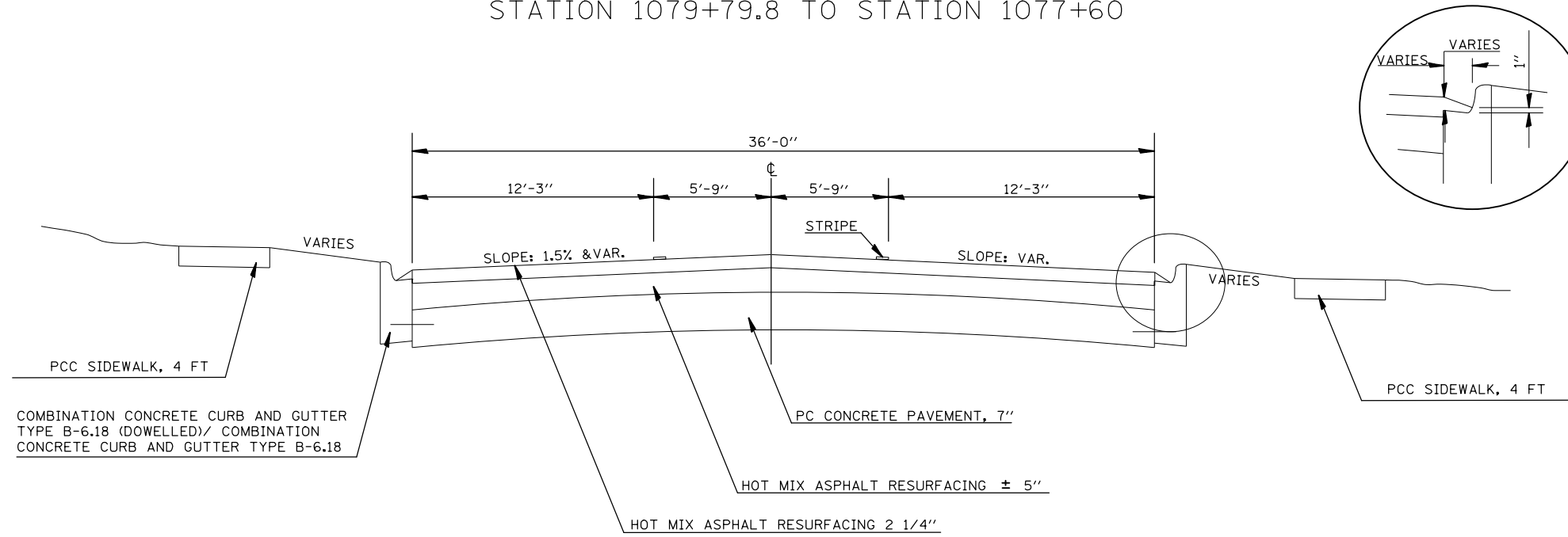
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

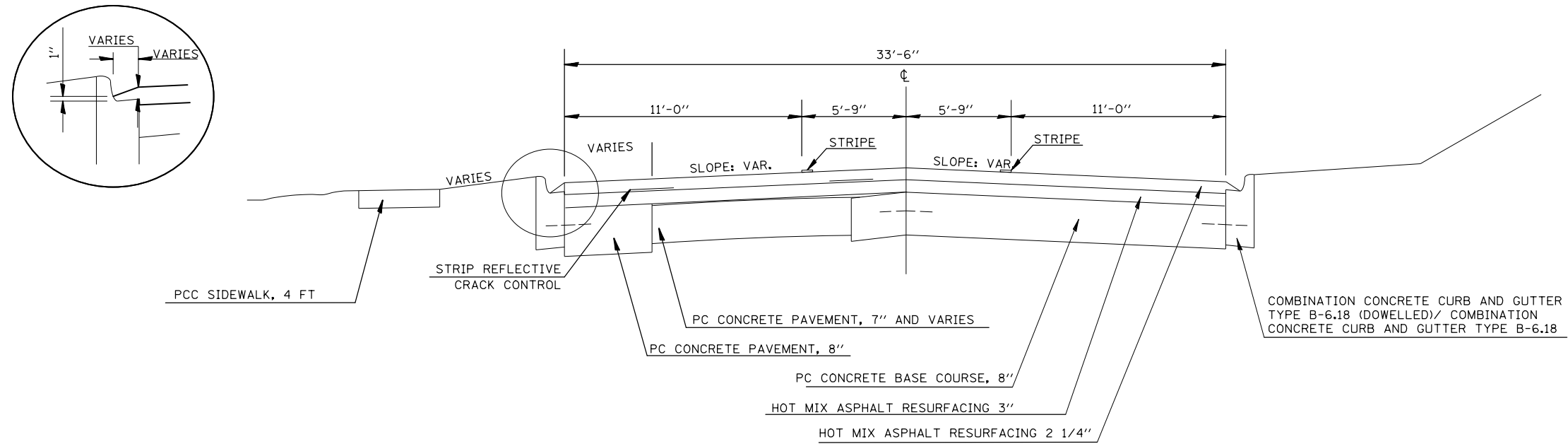
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.Z)RS-3	PIATT	63	9
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
STATION 1079+79.8 TO STATION 1077+60



EXISTING TYPICAL CROSS SECTION
STATION 1077+60 TO STATION 1071+25

RAILROAD OMISSION
STA. 1070+81 TO STA. 1071+25



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

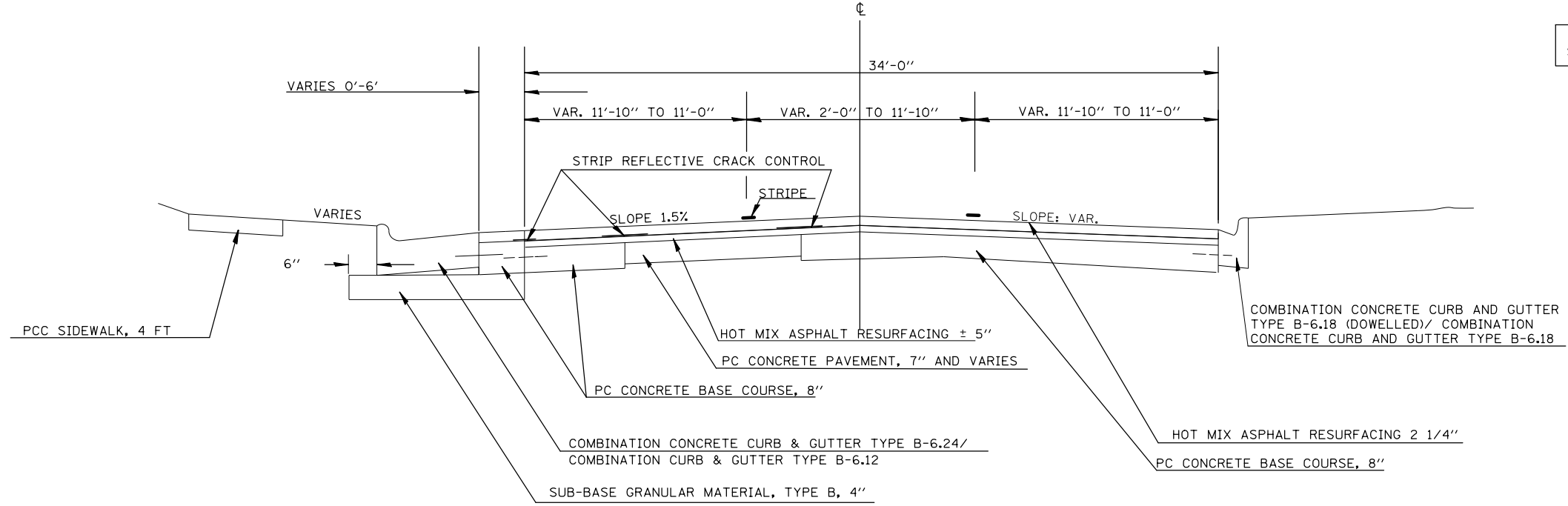
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

SCALE: _____ SHEET 2 OF 11 SHEETS STA. _____ TO STA. _____

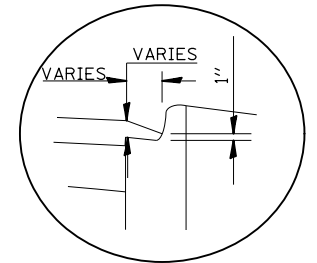
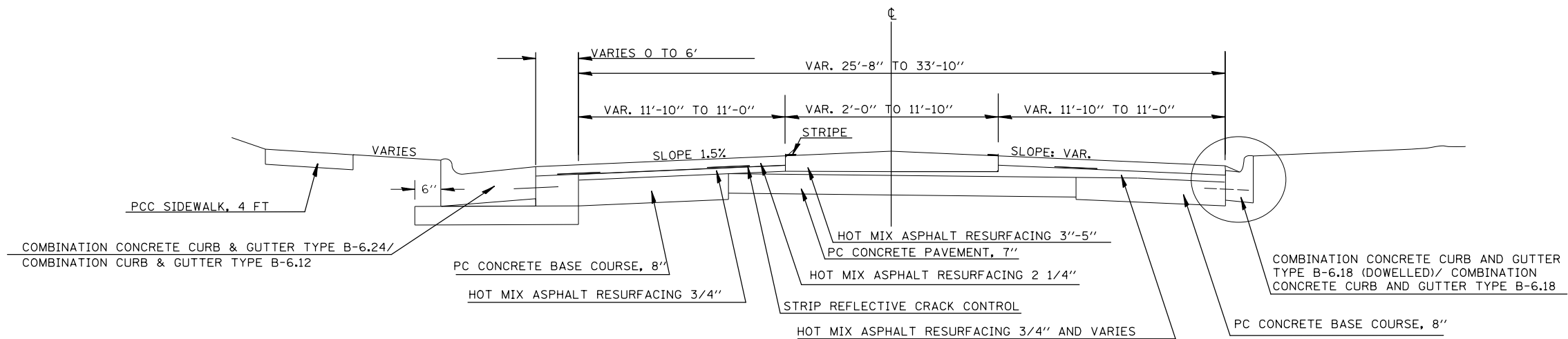
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.ZIRS-3	PIATT	63	10
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
STATION 1070+81 TO STATION 1066+35.77



RAILROAD OMISSION
STA. 1070+81 TO STA. 1071+25

EXISTING TYPICAL CROSS SECTION
STATION 1066+35.77 TO STATION 1062+35.76



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ct:\pwork\pwork\ceerlockjd\0388189\03	70843-shr-typicals.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -

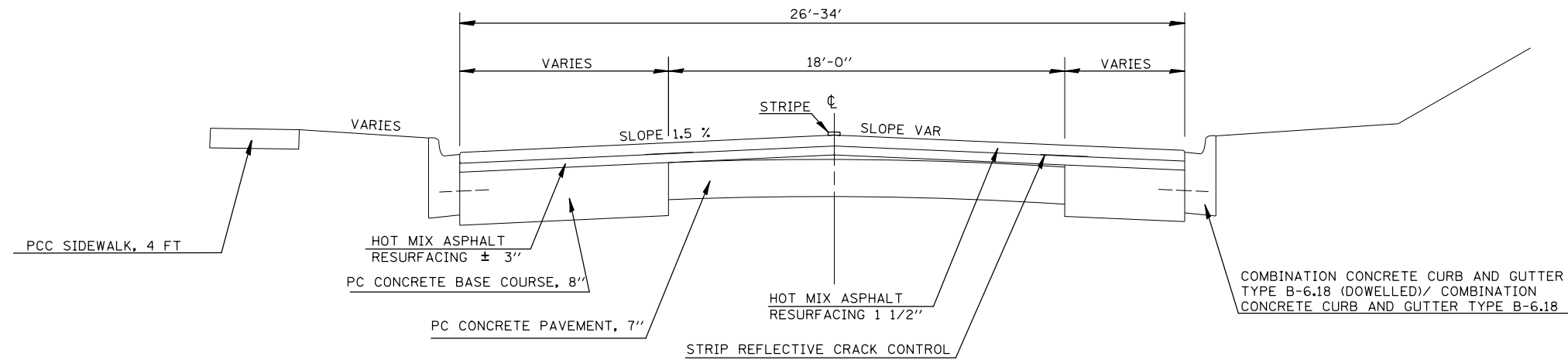
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

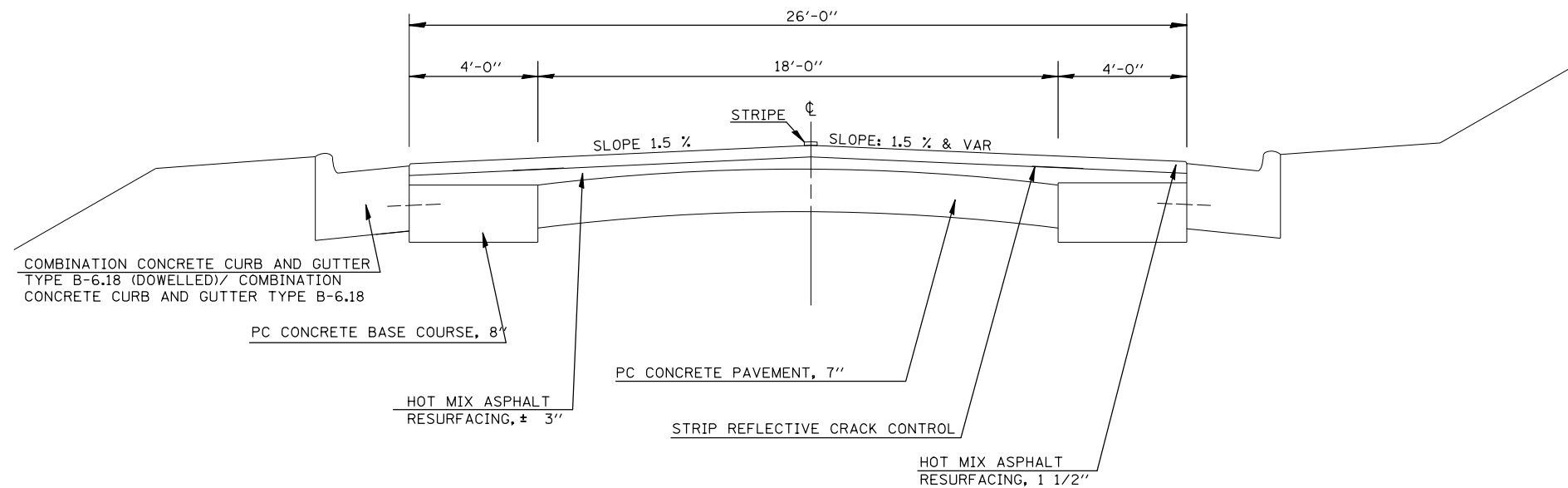
SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.ZIRS-3	PIATT	63	11
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
STATION 1062+35.76 TO STATION 1062+13.09



EXISTING TYPICAL CROSS SECTION
STATION 1062+13.09 TO STATION 1047+38.09
STATION 1040+63.09 TO STATION 1038+20.05



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
et:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

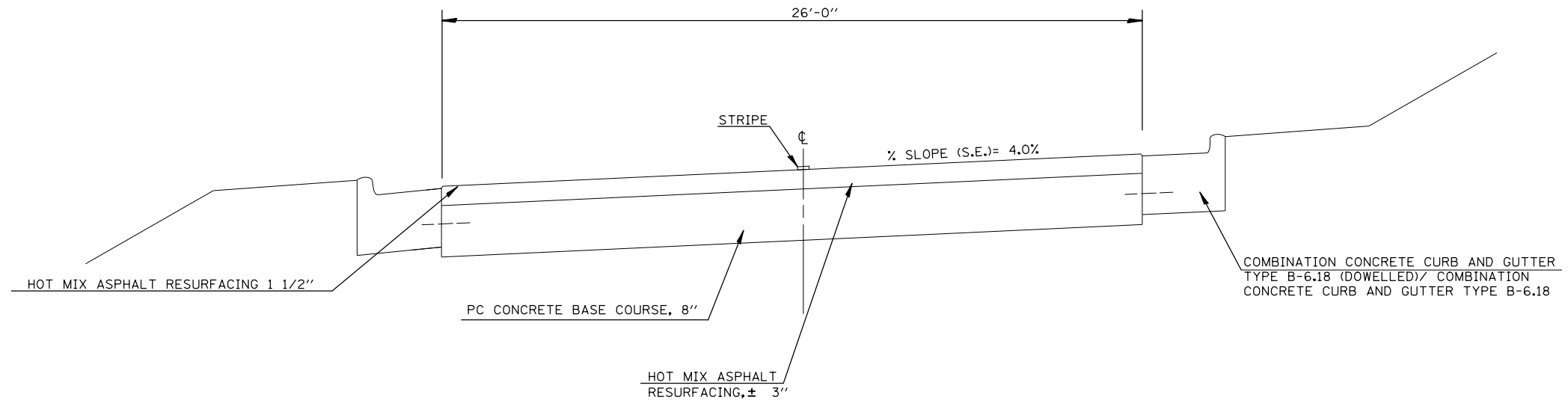
SCALE: _____ SHEET 4 OF 11 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.Z)RS-3	PIATT	63	12
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
STATION 1047+38.09 TO STATION 1040+63.09

SUPERELEVATION TRANSITIONS

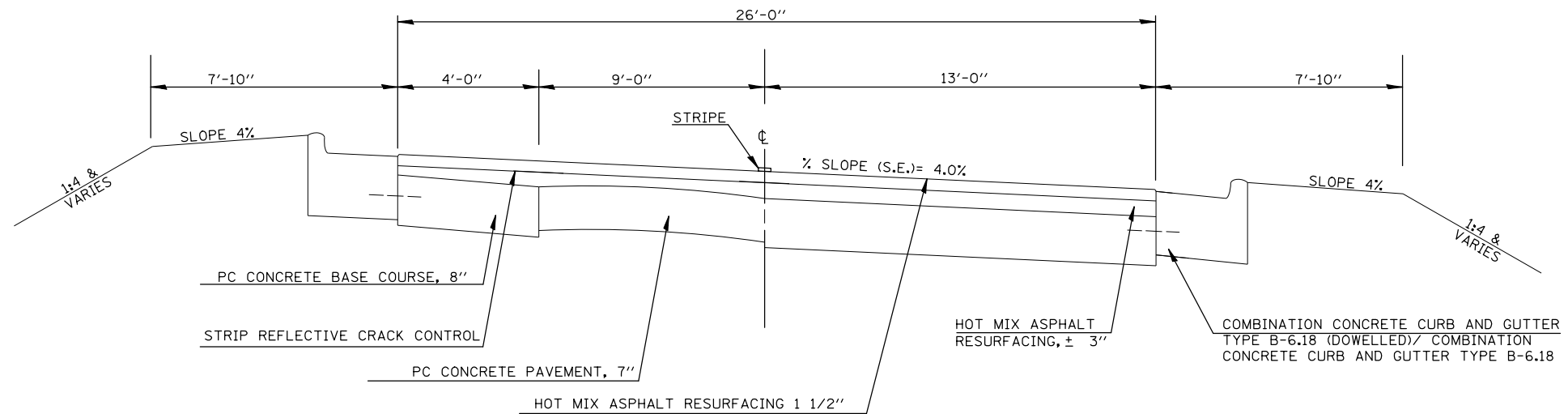
BEGIN TRANS.	END TRANS.
1047+02.62	1045+77.62
1042+15.00	1040+90.75



EXISTING TYPICAL CROSS SECTION
STATION 1038+20.05 TO STATION 1032+39.49

SUPERELEVATION TRANSITIONS

BEGIN TRANS.	END TRANS.
1038+20.05	1036+95.05
1033+44.49	1032+19.49



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ce:\pwork\pwork\ceerlockjd\0388189\03	70843-shr-typical.dgn	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

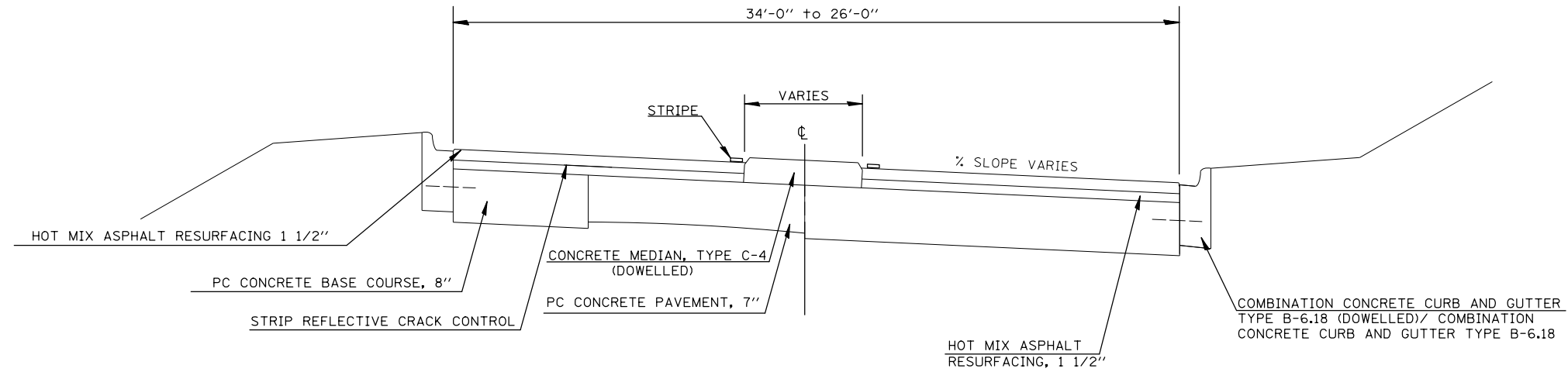
EXISTING TYPICALS

SCALE: _____ SHEET 5 OF 11 SHEETS STA. _____ TO STA. _____

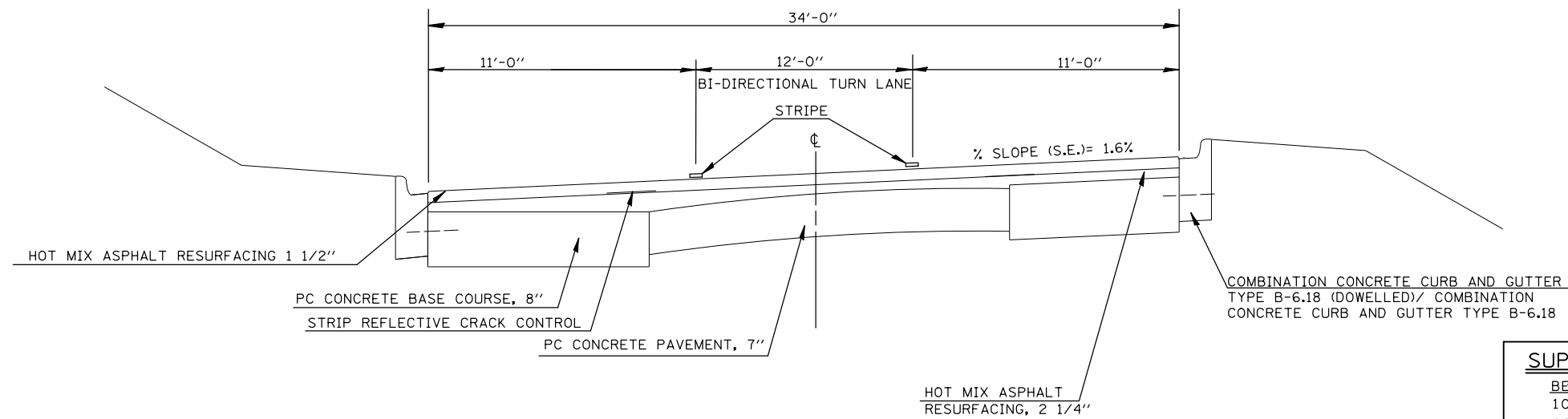
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.Z)RS-3	PIATT	63	13
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
STATION 1032+39.49 TO STATION 1029+64.91

ACTUAL LOCATION EXISTING MEDIAN
STA. 1032+15 TO STA. 1029+60



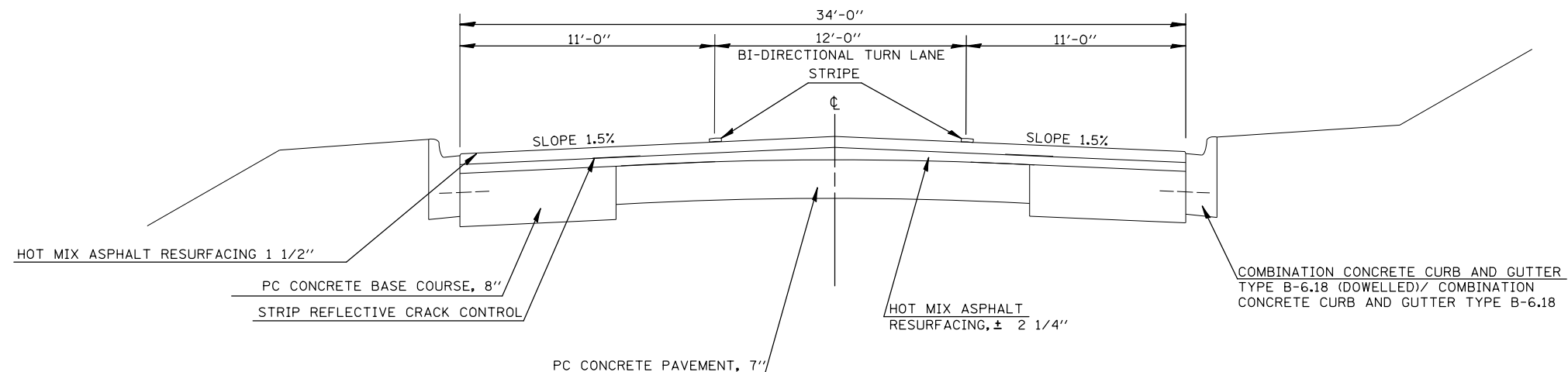
EXISTING TYPICAL CROSS SECTION
STATION 1029+64.19 TO STATION 1023+75.64
STATION 1021+93.56 TO STATION 1010+57.41



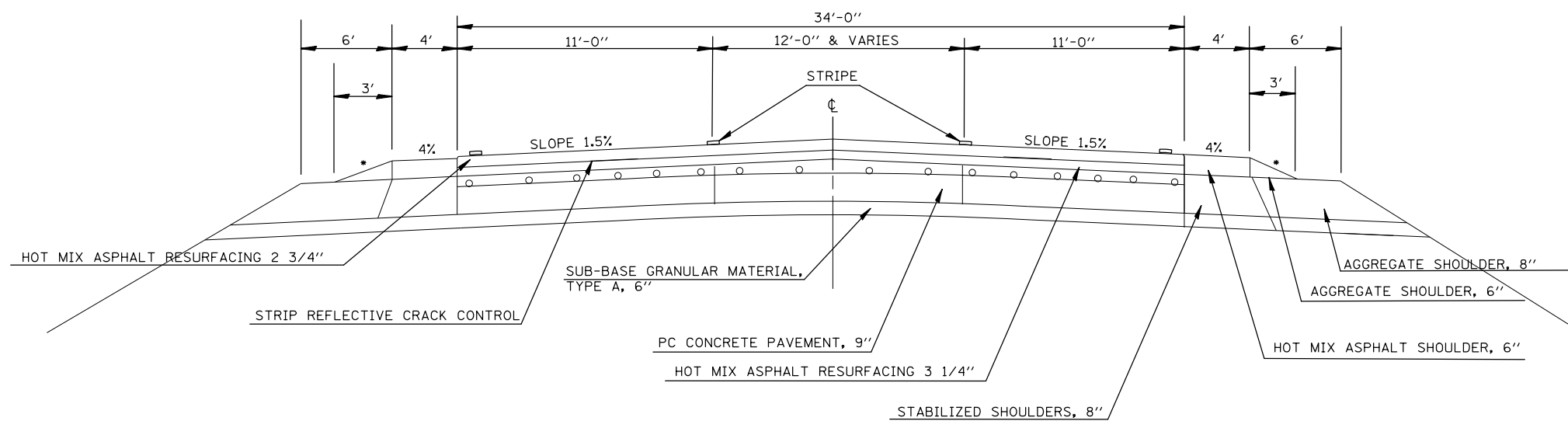
NOTE: FROM STA. 1029+77.55 TO 1023+75.64
THE ORIENTATION OF THE SUPER
ELEVATION WILL BE IN THE
OPPOSITE DIRECTION FROM
THIS TYPICAL ILLUSTRATION
1/2% SLOPE (S.E.) = 1.8%

SUPERELEVATION TRANSITIONS	
BEGIN TRANS.	END TRANS.
1025+00.65	1023+75.64
1021+93.56	1020+68.56
1011+82.41	1010+57.41

EXISTING TYPICAL CROSS SECTION
 STATION 1023+75.64 TO STATION 1021+93.56
 STATION 1010+57.41 TO STATION 1004+44



EXISTING TYPICAL CROSS SECTION
 STATION 1004+44 TO STATION 1001+46.20



* SLOPE VARIES, MAX 9%

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ct:\pwork\pwork\ceerlockjd\0388189\03	70843-shr-typicals.dgn	DRAWN -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

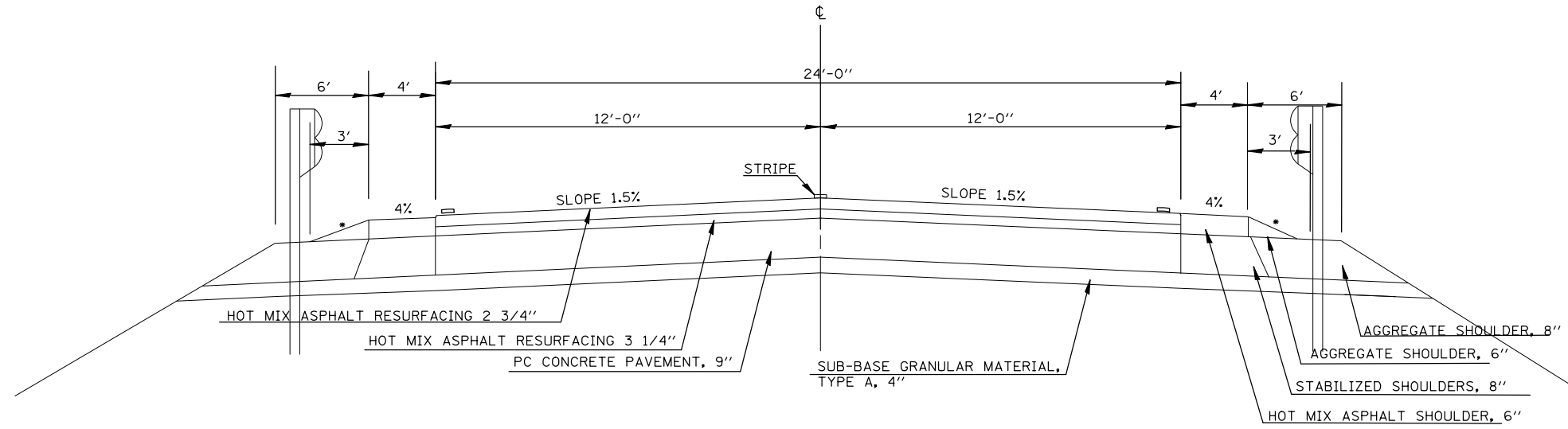
EXISTING TYPICALS

SCALE: _____ SHEET 7 OF 11 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7.Z)RS-3	PIATT	63	15
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

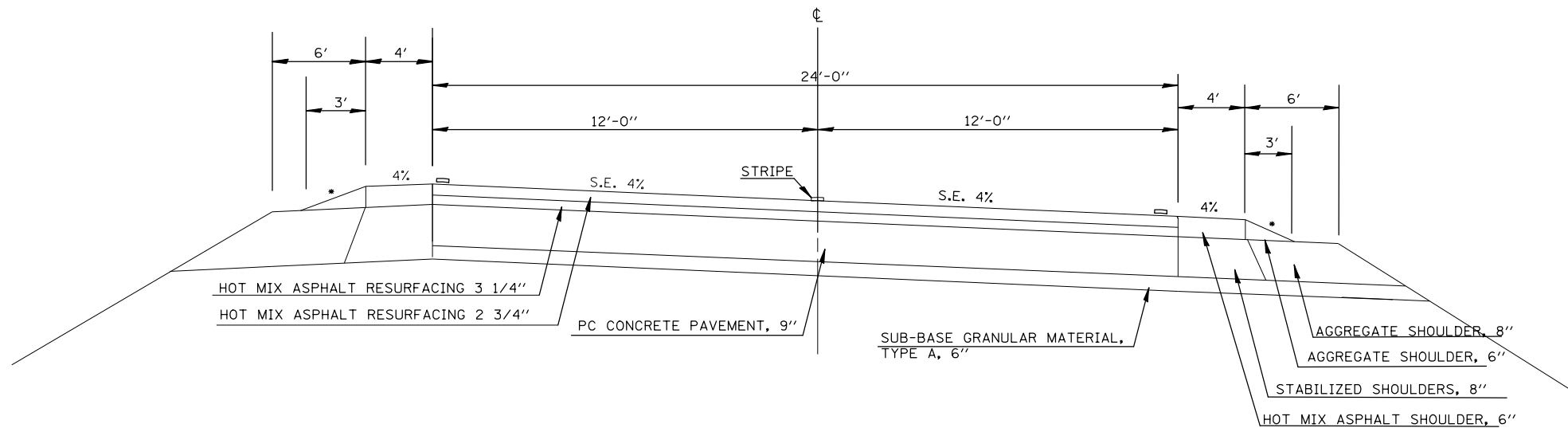
* BRIDGE OMISSION:
STATION 1000+75.75 TO
STATION 998+29

EXISTING TYPICAL CROSS SECTION
STATION 1001+46.2 TO STATION 1000+75.75
STATION 998+29 TO STATION 997+14.08



• SLOPE VARIES, MAX 9%

EXISTING TYPICAL CROSS SECTION
STATION 997+14.08 TO STATION 990+59.75



• SLOPE VARIES, MAX 9%

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ct:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

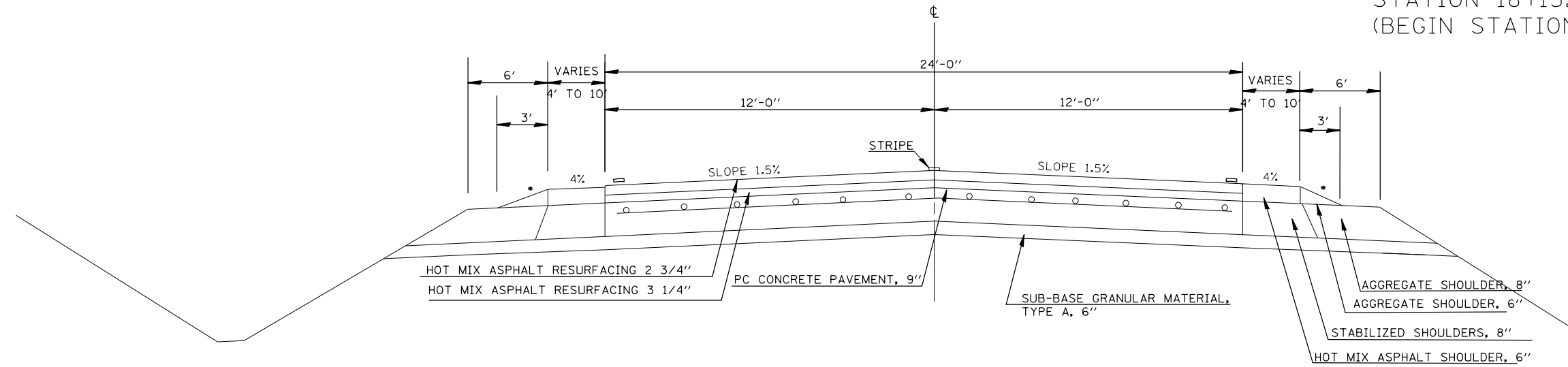
EXISTING TYPICALS

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	PIATT	63	16
CONTRACT NO. 70843				
ILLINOIS FED. AID PROJECT				

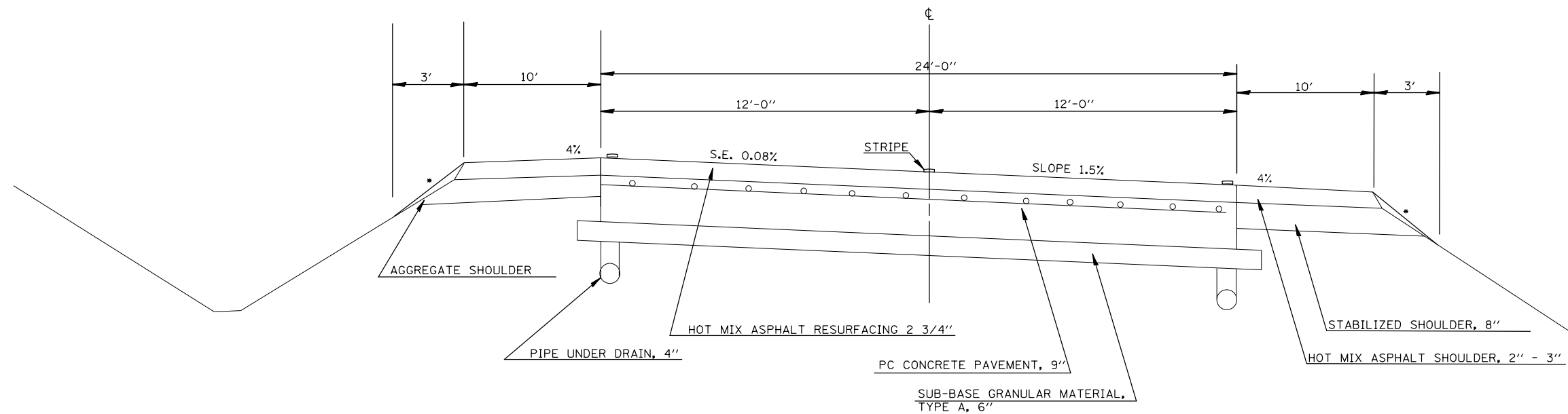
EXISTING TYPICAL CROSS SECTION
STATION 990+59.75 TO STATION 987+79

* STATION EQUATION:
STATION 987+79.68 BK =
STATION 18+15.09 AH
(BEGIN STATIONS RUN SOUTH TO NORTH)



• SLOPE VARIES, MAX 9%

EXISTING TYPICAL CROSS SECTION
STATION 18+15.09 TO STATION 28+62



• SLOPE VARIES, MAX 9%

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISD -
et:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISD -
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	PLOT DATE = 4/10/2014	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

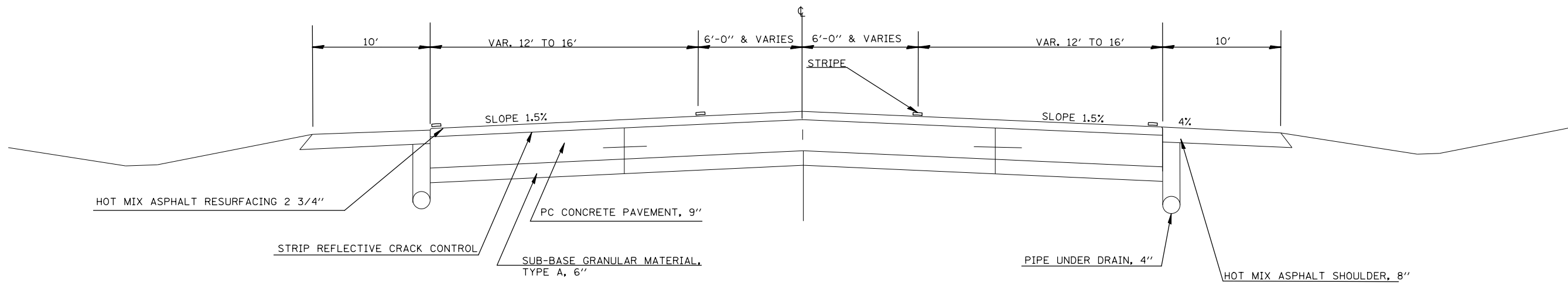
EXISTING TYPICALS

SCALE: _____ SHEET 9 OF 11 SHEETS STA. _____ TO STA. _____

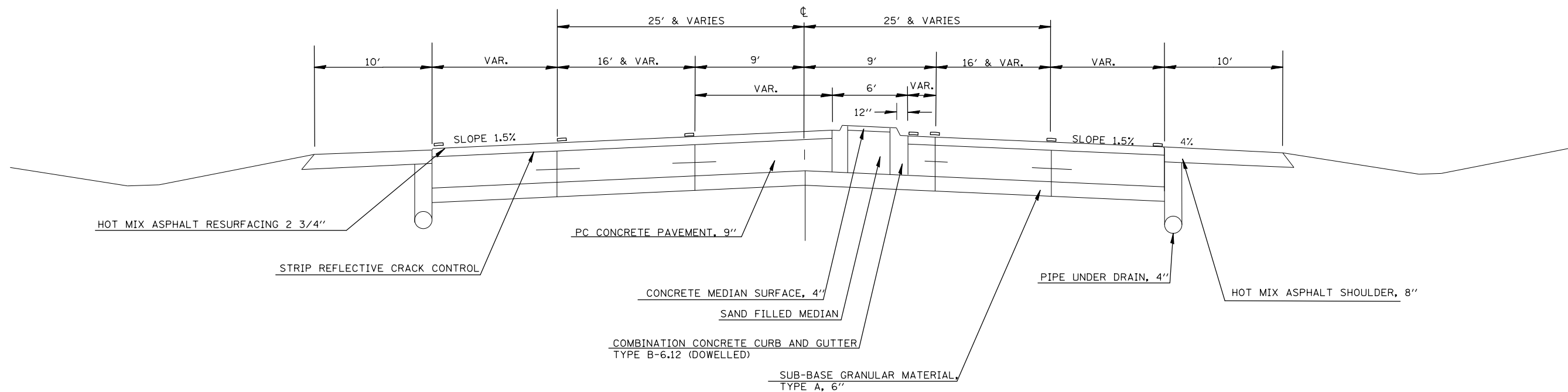
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZRS-3	PIATT	63	17
CONTRACT NO. 70843				

ILLINOIS FED. AID PROJECT

EXISTING TYPICAL CROSS SECTION
STATION 28+62 TO STATION 33+98



EXISTING TYPICAL CROSS SECTION
STATION 33+98 TO STATION 42+27.82



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ct:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

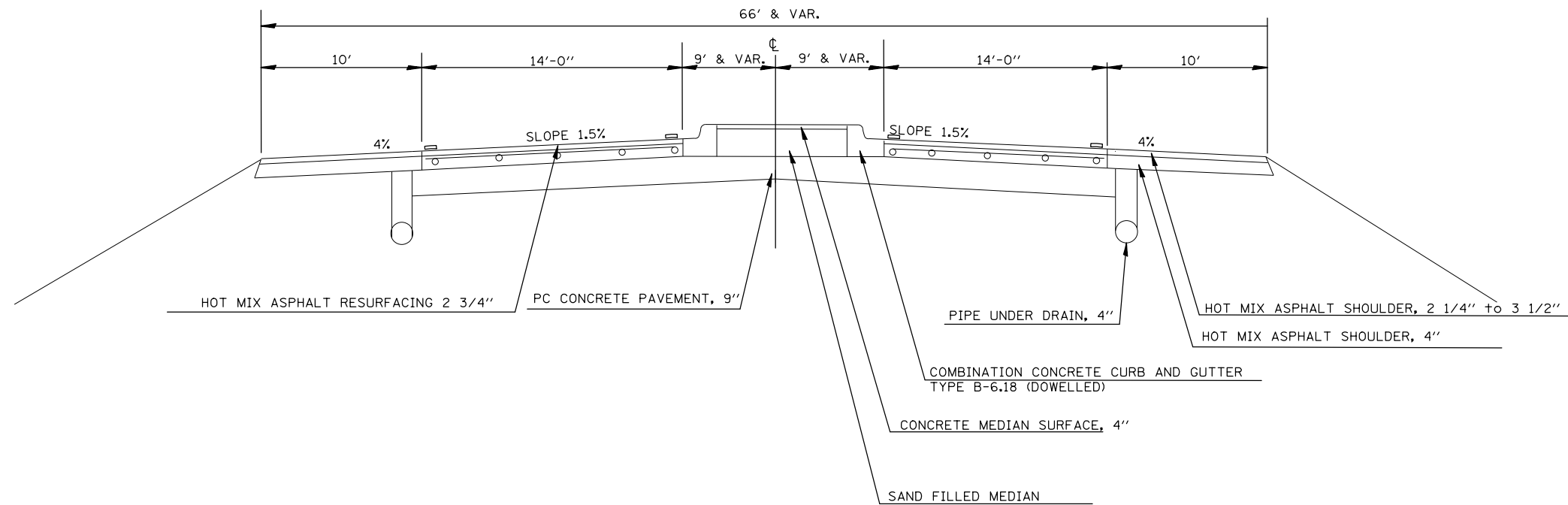
EXISTING TYPICALS

SCALE: _____ SHEET 10 OF 11 SHEETS STA. _____ TO STA. _____

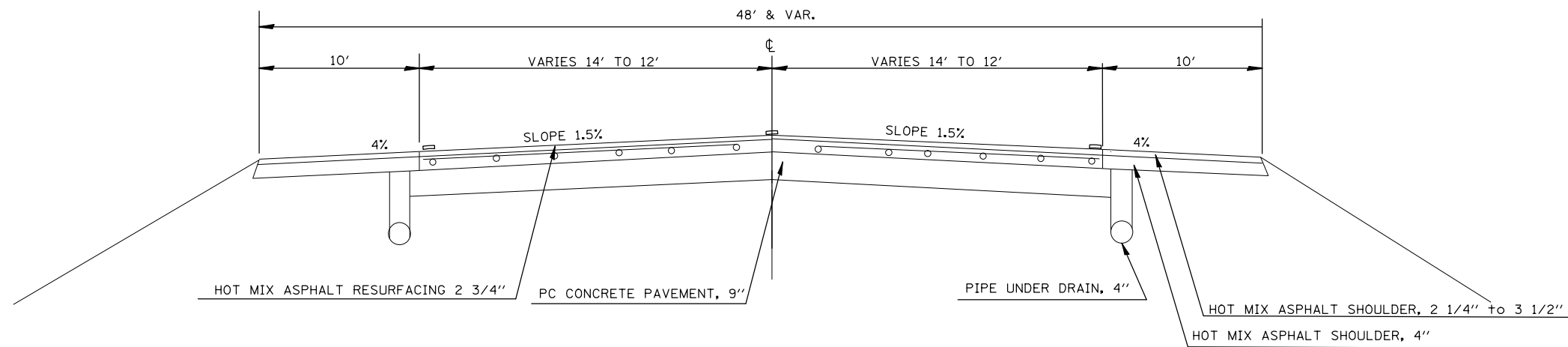
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZRS-3	PIATT	63	18
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTION
STATION 42+27.82 TO STATION 69+95

* S.N. 074-0071 OMISSION:
STATION 48+77.95 TO
STATION 51+30.98

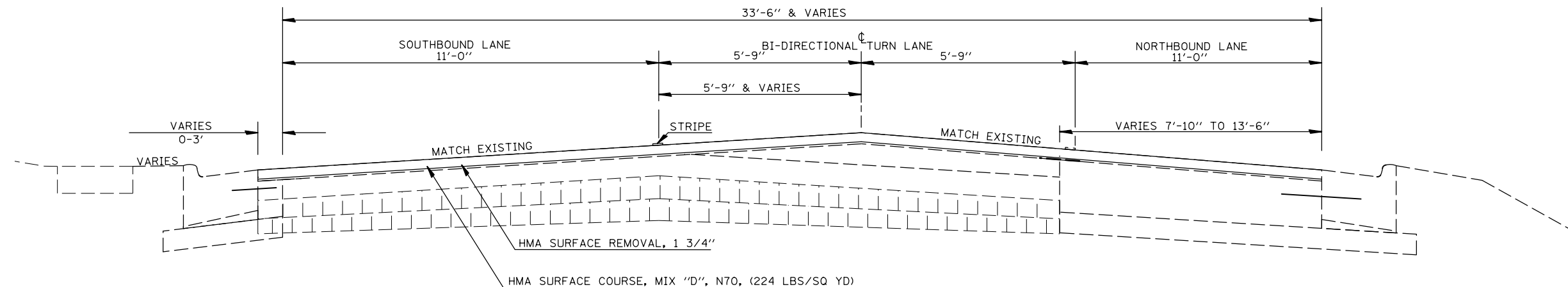


EXISTING TYPICAL CROSS SECTION
STATION 69+95 TO STATION 74+00



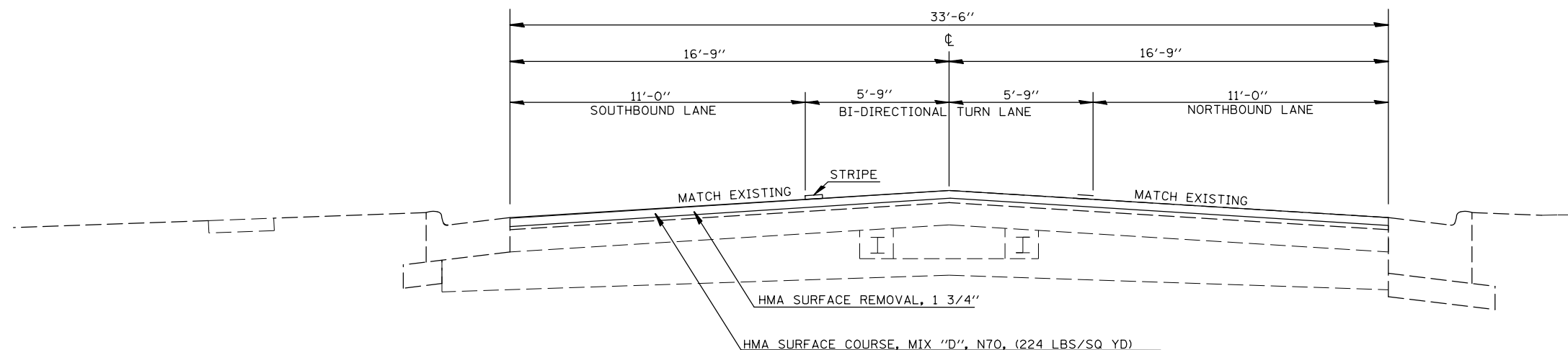
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	70843-sht-typicals.dgn	DRAWN -	REVISED -					741	(7,ZRS-3)	PIATT	63	19
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: _____ SHEET 11 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843				
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

① PROPOSED TYPICAL CROSS SECTION
STATION 500+06.52 TO STATION 507+00.00 ②



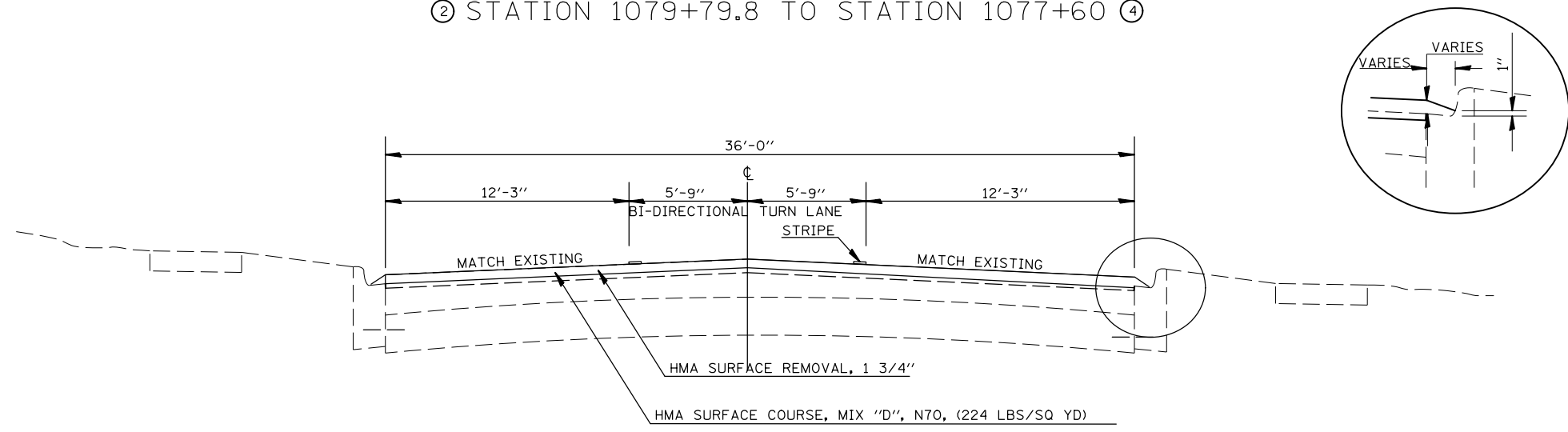
② PROPOSED TYPICAL CROSS SECTION
① STATION 507+00.00 TO STATION 524+84.42 ③

* STATION EQUATION:
STATION 524+84.42 BK =
STATION 1079.79.84 AH
(BEGIN STATIONS RUN NORTH TO SOUTH)

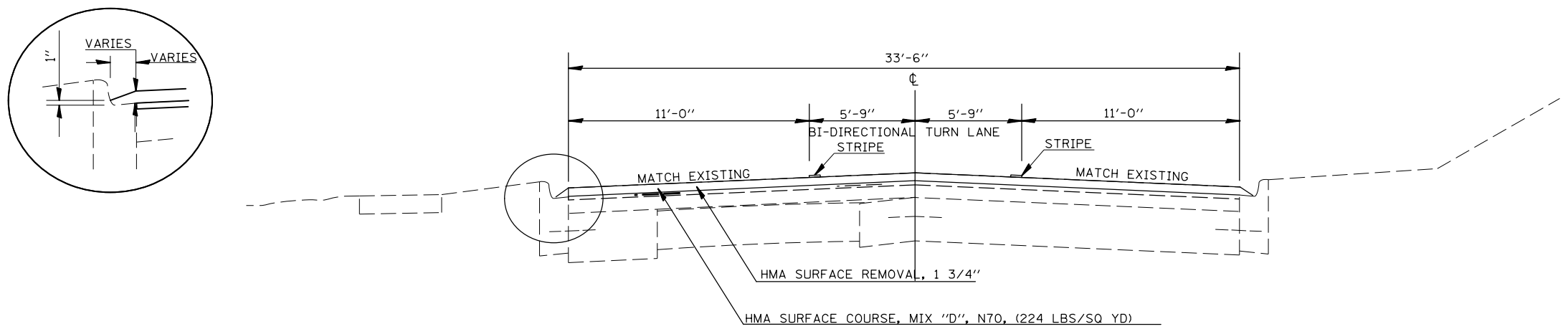


FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70843					
	PLOT DATE = 4/10/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

③ PROPOSED TYPICAL CROSS SECTION
 ② STATION 1079+79.8 TO STATION 1077+60 ④

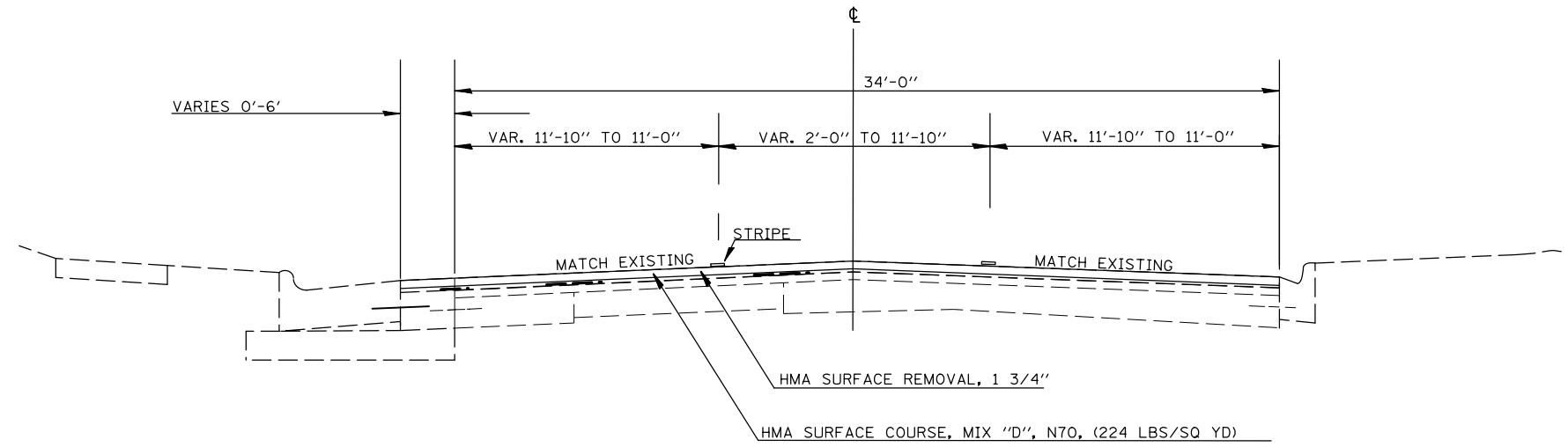


④ PROPOSED TYPICAL CROSS SECTION
 ③ STATION 1077+60 TO STATION 1071+25 ⑤

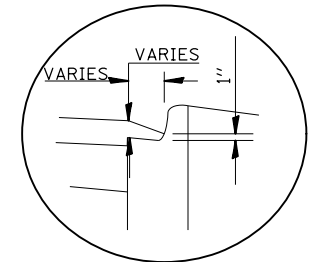
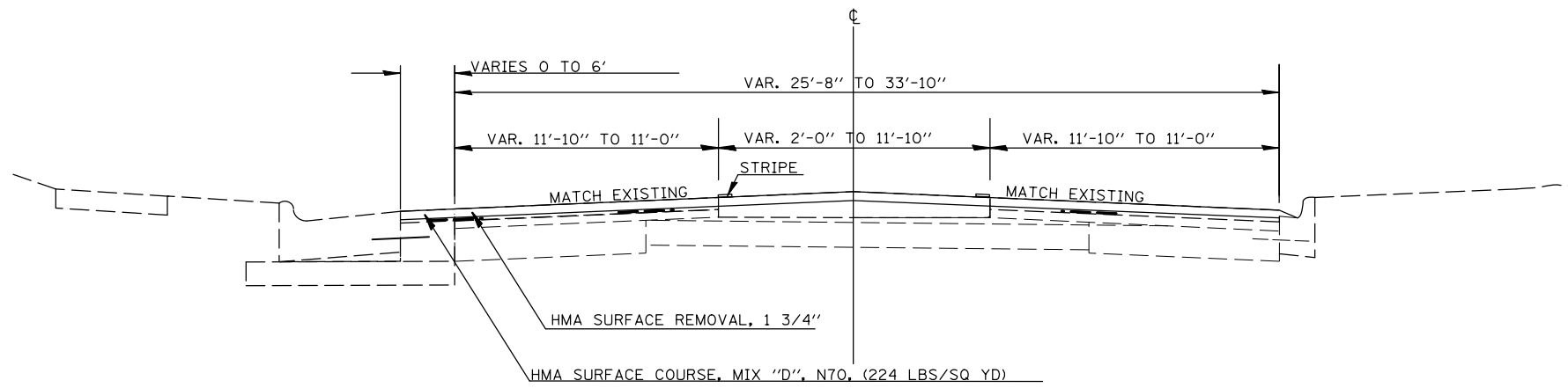


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0388189\0388189.dgn	70843-sht-typicals.dgn	DRAWN -	REVISED -					741	(7.ZIRS-3)	PIATT	63	21
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: _____ SHEET 2 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843				
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

⑤ PROPOSED TYPICAL CROSS SECTION
 ④ STATION 1070+81 TO STATION 1066+35.77 ⑥

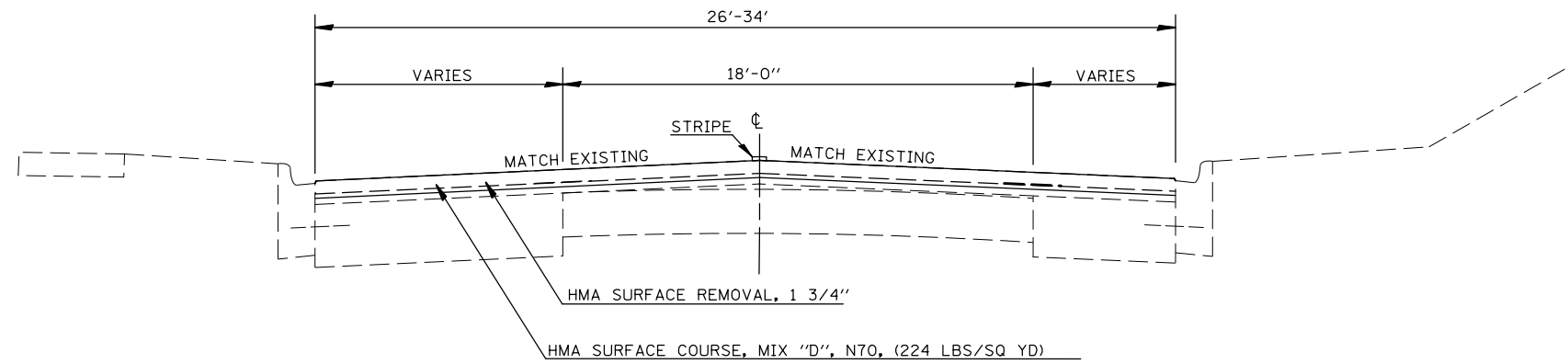


⑥ PROPOSED TYPICAL CROSS SECTION
 ⑤ STATION 1066+35.77 TO STATION 1062+35.76 ⑦

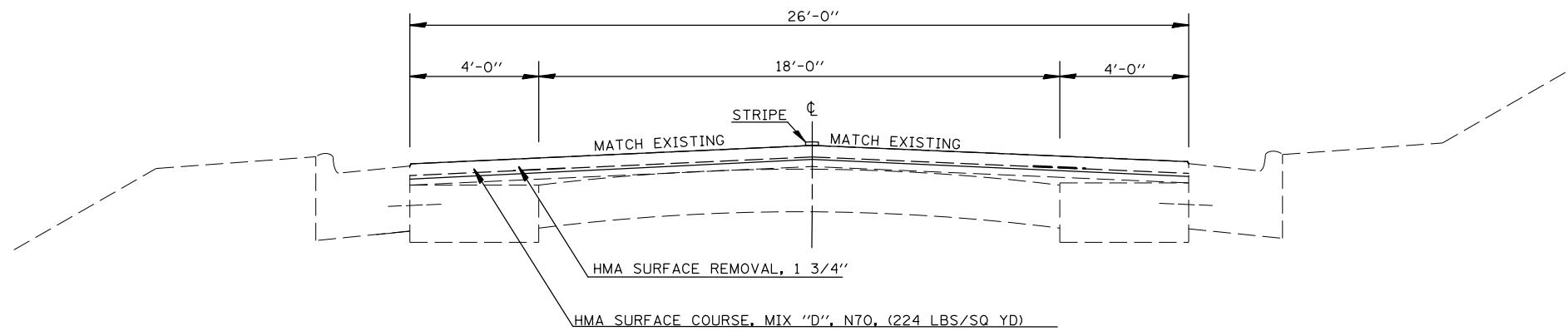


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	70843-sht-typicals.dgn	DRAWN -	REVISED -					741	(7.ZIRS-3	PIATT	63	22
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: _____ SHEET 3 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843				
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

7 PROPOSED TYPICAL CROSS SECTION
6 STATION 1062+35.76 TO STATION 1062+13.09 8



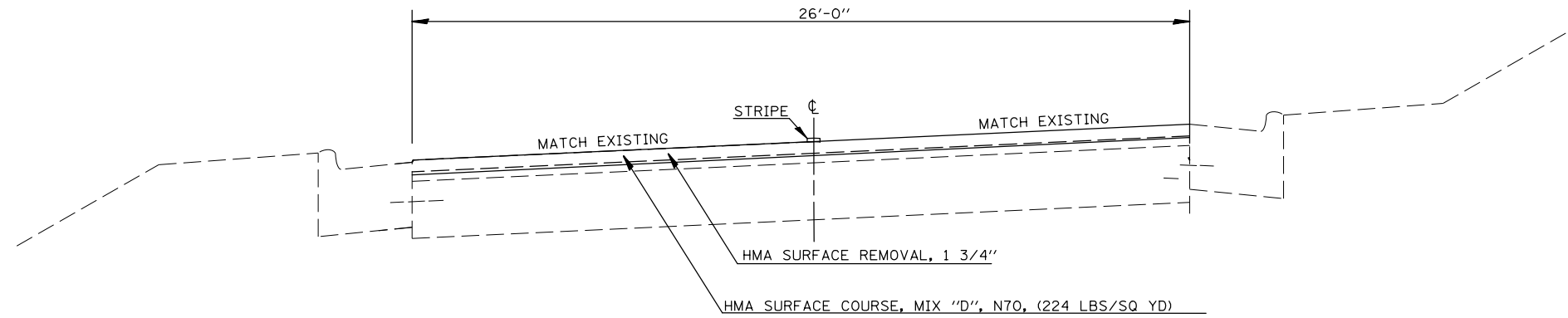
8 PROPOSED TYPICAL CROSS SECTION
7 STATION 1062+13.09 TO STATION 1047+38.09 9
9 STATION 1040+63.09 TO STATION 1038+20.05 10



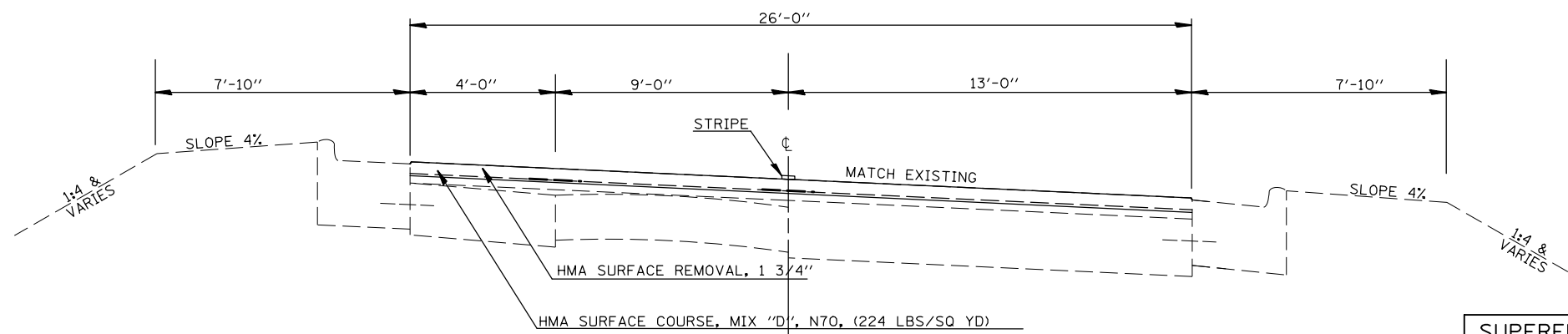
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ce:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISED -			741	(7.ZIRS-3	PIATT	63	23
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -			SCALE: _____	SHEET 4	OF 11 SHEETS	STA. _____	TO STA. _____

⑨ PROPOSED TYPICAL CROSS SECTION
 ⑧ STATION 1047+38.09 TO STATION 1040+63.09 ⑧

SUPERELEVATION TRANSITIONS	
BEGIN TRANS.	END TRANS.
1047+02.62	1045+77.62
1042+15.00	1040+90.75



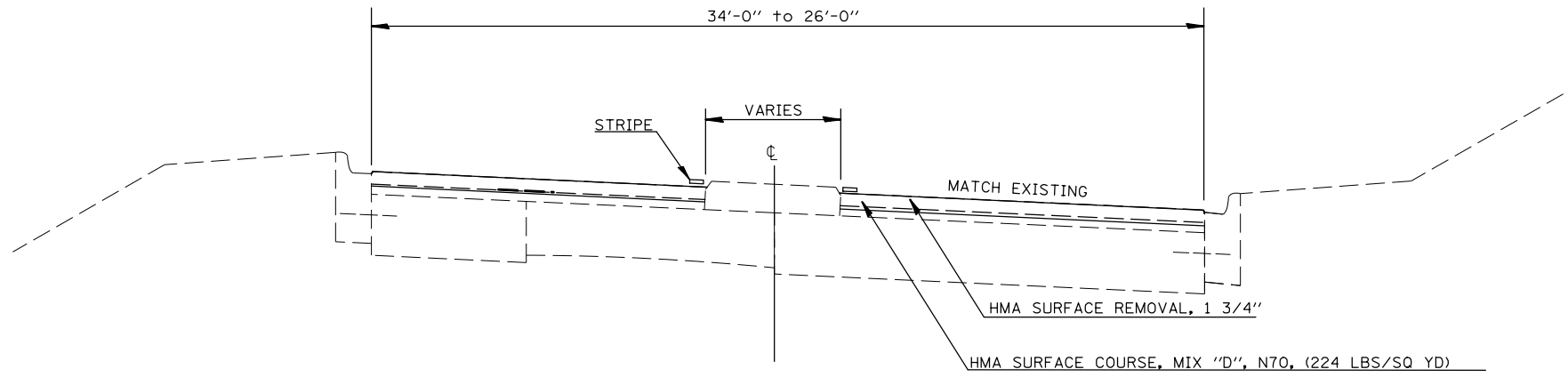
⑩ PROPOSED TYPICAL CROSS SECTION
 ⑧ STATION 1038+20.05 TO STATION 1032+39.49 ⑪



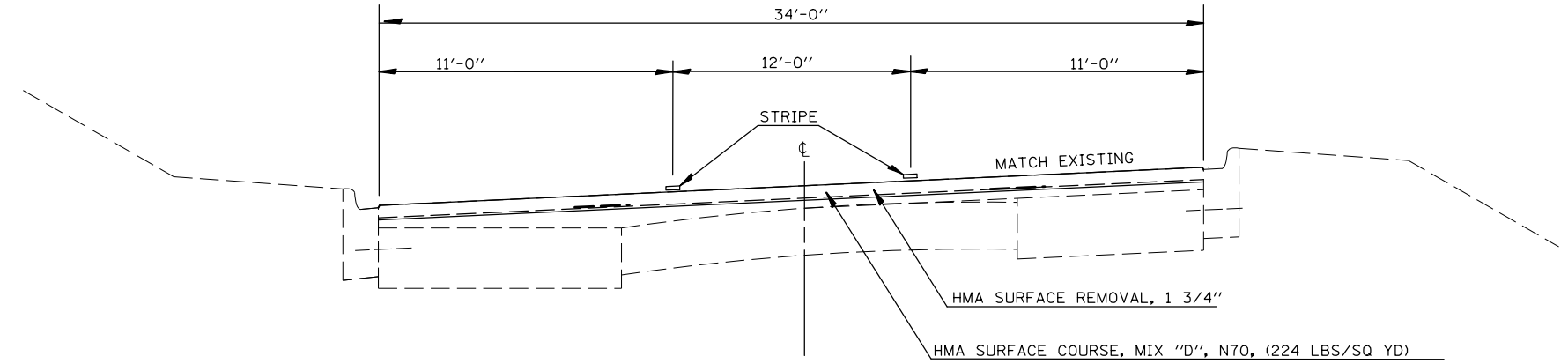
SUPERELEVATION TRANSITIONS	
BEGIN TRANS.	END TRANS.
1038+20.05	1036+95.05
1033+44.49	1032+19.49

⑪ PROPOSED TYPICAL CROSS SECTION
 ⑩ STATION 1032+39.49 TO STATION 1029+64.91 ⑫

ACTUAL LOCATION EXISTING MEDIAN
 STA. 1032+15 TO STA. 1029+60



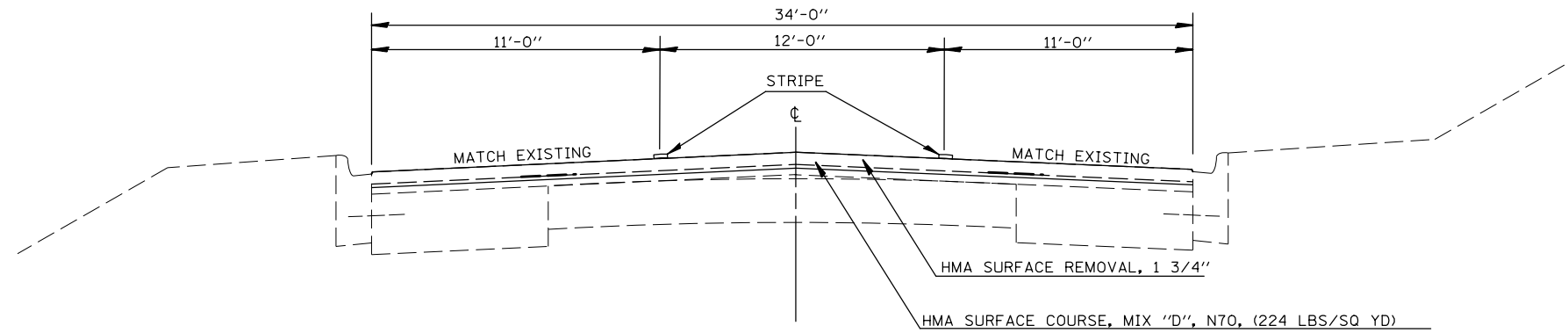
⑫ PROPOSED TYPICAL CROSS SECTION
 ⑪ STATION 1029+64.19 TO STATION 1023+75.64 ⑬
 ⑬ STATION 1021+93.56 TO STATION 1010+57.41 ⑬



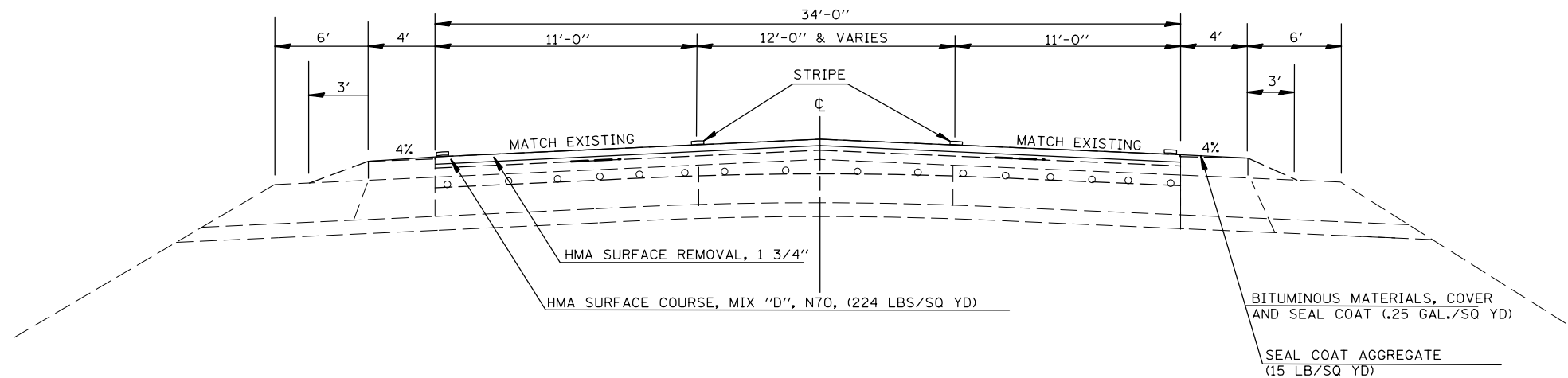
NOTE: FROM STA. 1029+64.19 TO 1023+75.64
 THE ORIENTATION OF THE SUPER
 ELEVATION WILL BE IN THE
 OPPOSITE DIRECTION FROM
 THIS TYPICAL ILLUSTRATION
 % SLOPE (S.E.) = 1.8%

SUPERELEVATION TRANSITIONS	
BEGIN TRANS.	END TRANS.
1025+00.65	1023+75.64
1021+93.56	1020+68.56
1011+82.41	1010+57.41

13 PROPOSED TYPICAL CROSS SECTION
 12 STATION 1023+75.64 TO STATION 1021+93.56 12
 12 STATION 1010+57.41 TO STATION 1004+44 14



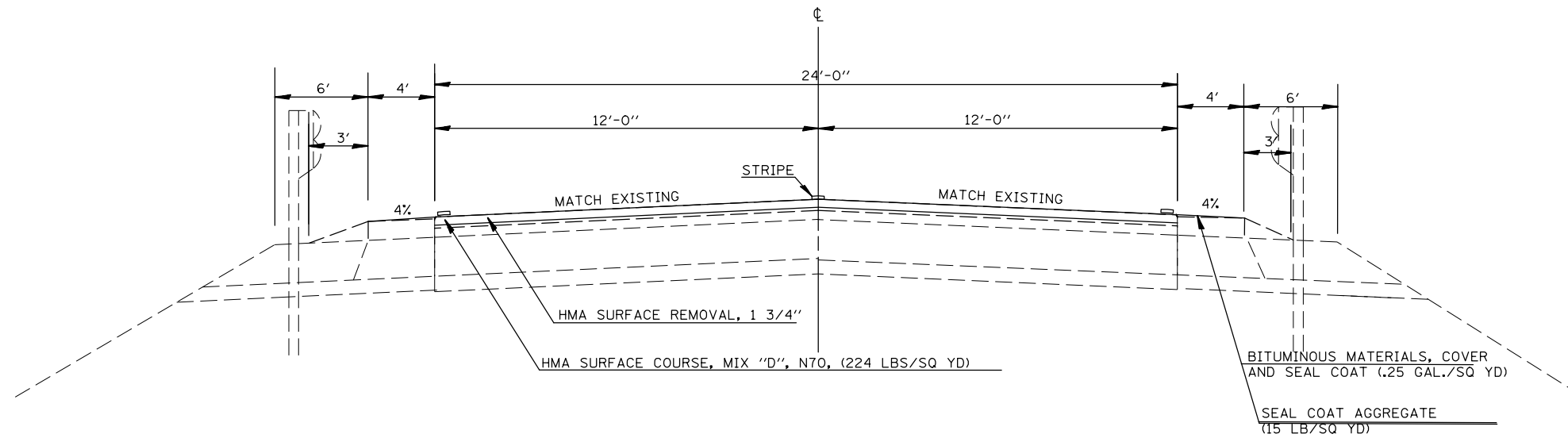
14 PROPOSED TYPICAL CROSS SECTION
 12 STATION 1004+44 TO STATION 1001+46.20 15



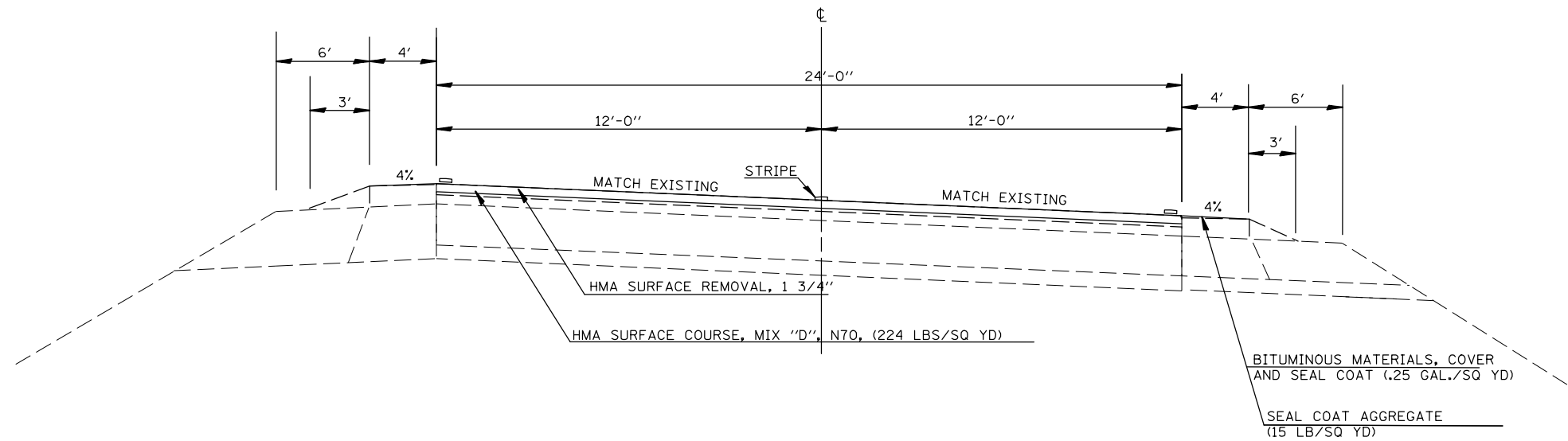
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\ceerlockjd\0388189\03	70843-shr-typicals.dgn	DRAWN -	REVISED -			741	(7.ZIRS-3	PIATT	63	26	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70843					
	PLOT DATE = 4/10/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

15 PROPOSED TYPICAL CROSS SECTION
 14 STATION 1001+46.2 TO STATION 1000+75.75 •
 • STATION 998+29 TO STATION 997+14.08 16

* BRIDGE OMISSION:
 STATION 1000+75.75 TO
 STATION 998+29



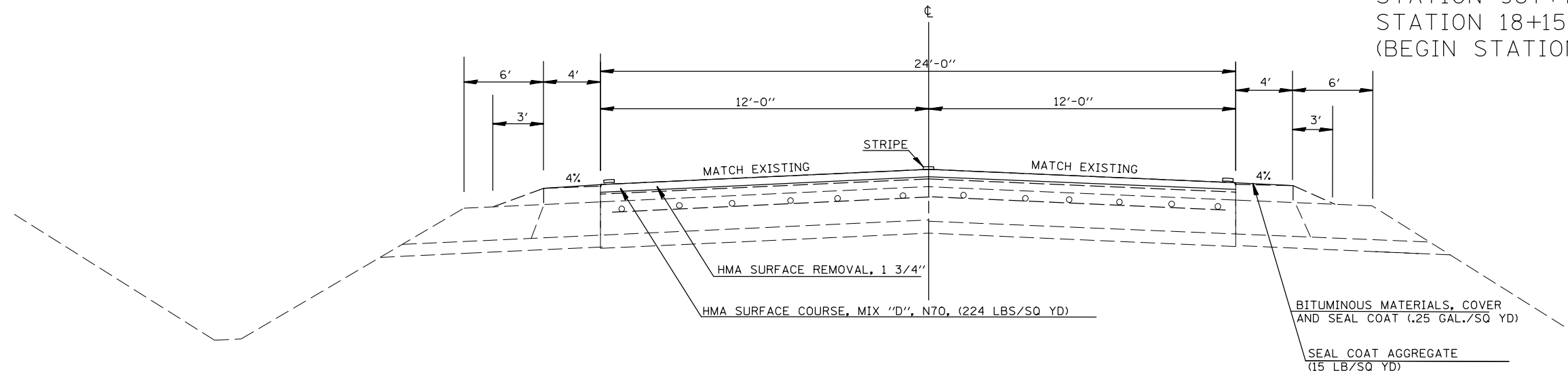
16 PROPOSED TYPICAL CROSS SECTION
 15 STATION 997+14.08 TO STATION 990+59.75 17



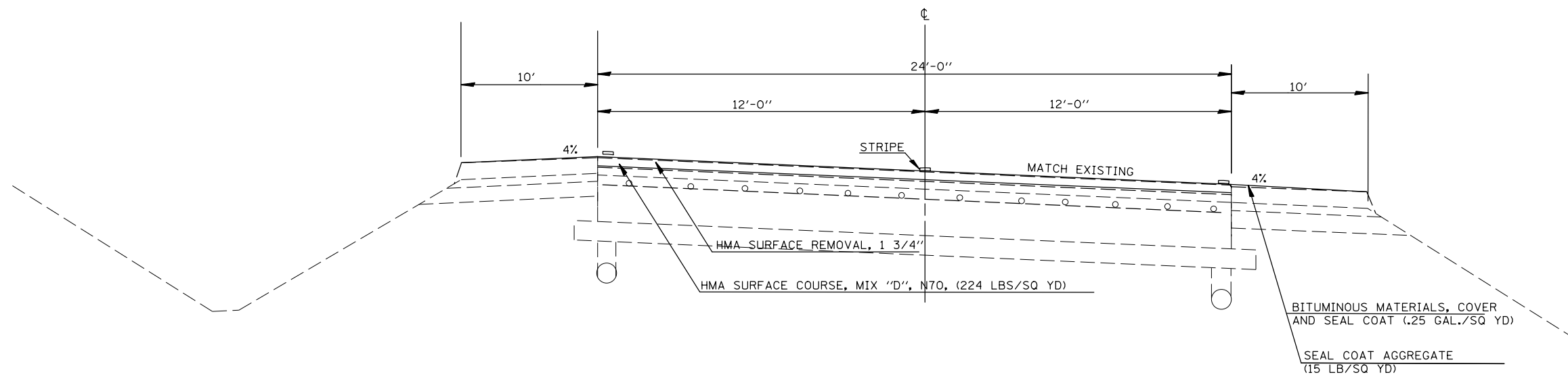
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0388189\0370843-sht-typicals.dgn		DRAWN -	REVISED -					741	(7,ZRS-3	PIATT	63	27
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: _____ SHEET 8 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843				
PLOT DATE = 4/10/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

17 PROPOSED TYPICAL CROSS SECTION
 16 STATION 990+59.75 TO STATION 987+79.68 18

* STATION EQUATION:
 STATION 987+79.68 BK =
 STATION 18+15.09 AH
 (BEGIN STATIONS RUN SOUTH TO NORTH)

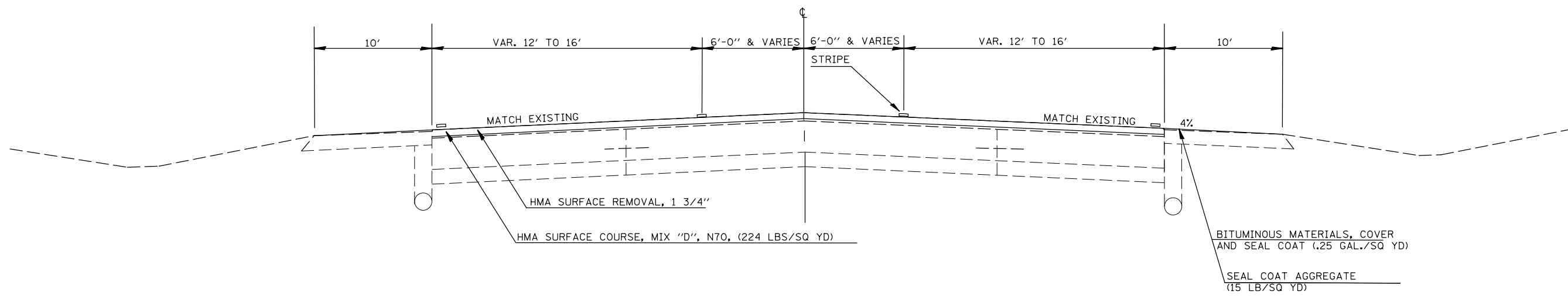


18 PROPOSED TYPICAL CROSS SECTION
 17 STATION 18+15.09 TO STATION 28+62 19



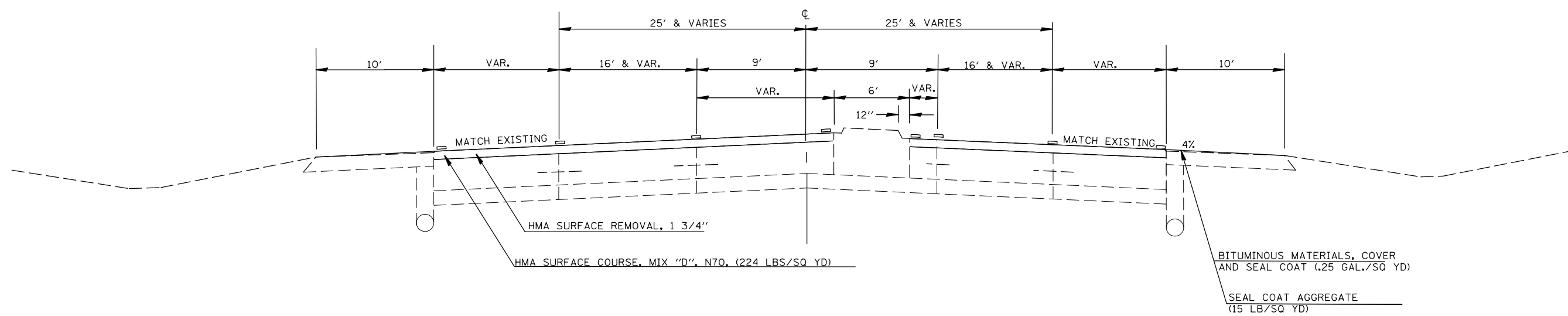
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-typicals.dgn	DRAWN -	REVISED -			741	(7,ZRS-3)	PIATT	63	28	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70843					
	PLOT DATE = 4/10/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

19 PROPOSED TYPICAL CROSS SECTION
 18 STATION 28+62 TO STATION 33+98 20



20 PROPOSED TYPICAL CROSS SECTION
 19 STATION 33+98 TO STATION 42+27.82 *

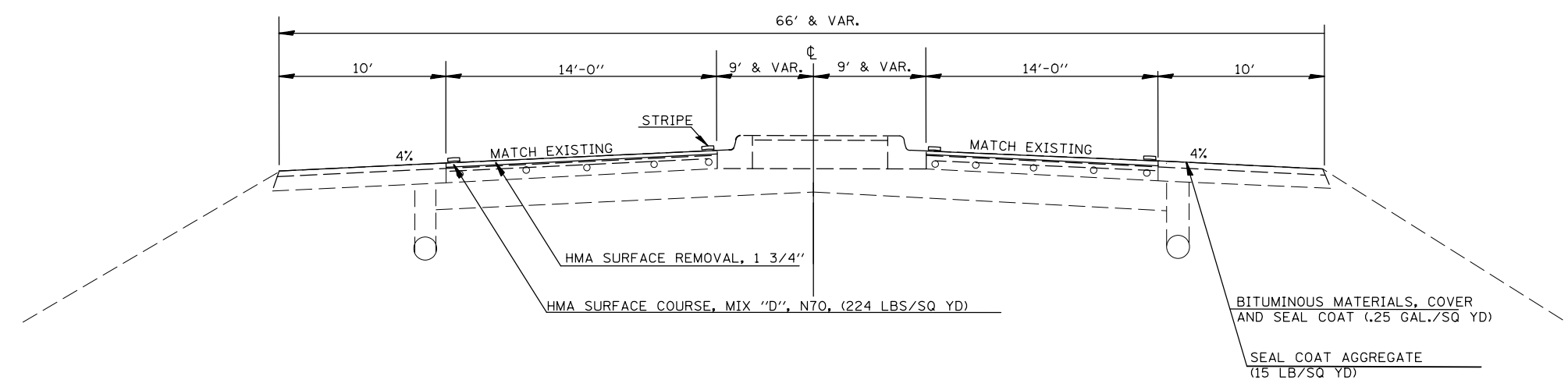
* I-72 RAMPS NOT INCLUDED



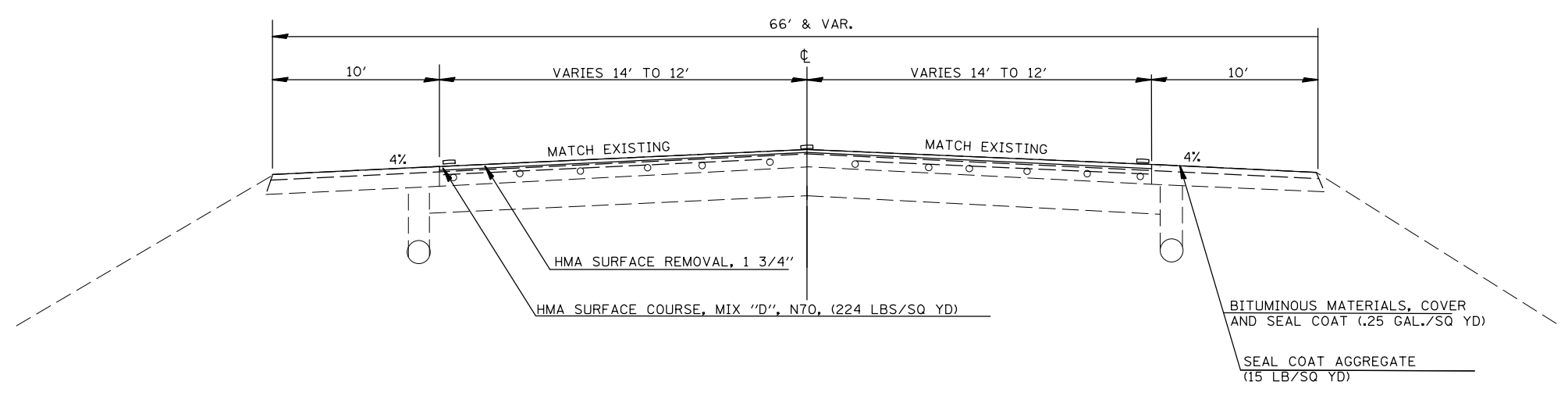
FILE NAME = e:\pwork\pwork\pwork\cearlockjd\0388189\0388189.dgn	USER NAME = cearlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					741	(7,ZRS-3)	PIATT	63	29
PLOT DATE = 4/10/2014	DATE -	CHECKED -	REVISED -	SCALE: _____ SHEET 10 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843					
											ILLINOIS FED. AID PROJECT	

21 PROPOSED TYPICAL CROSS SECTION
 20 STATION 42+27.82 TO STATION 69+95 22

* S.N. 074-0071 OMISSION:
 STATION 48+77.95 TO
 STATION 51+30.98



22 PROPOSED TYPICAL CROSS SECTION
 21 STATION 69+95 TO STATION 74+00



FILE NAME = c:\pwwork\pwwork\cearlock\jd\0388189\03	USER NAME = cearlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	70843-sht-typicals.dgn	DRAWN -	REVISED -					741	(7,ZRS-3)	PIATT	63	30
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: _____ SHEET 11 OF 11 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 70843				
PLOT DATE = 4/10/2014	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

COVER AND SEAL COAT (SHOULDERS)

LEFT/RIGHT	STATION	TO	STATION	LENGTH	WIDTH	SQ YDS	BITUMINOUS MATERIALS (COVER AND SEAL COATS) (GALLON)	SEAL COAT AGGREGATE (TON)	BITUMINOUS MATERIALS (COVER AND SEAL COATS) (FOG COAT)(GALLON)
							40300300	40300600	40300200
R STA.	1003+67.56	TO	1004+41.50	73.94	3.93	32.29	8.07	0.24	3.2
L STA.	1003+67.56	TO	1004+41.50	73.94	4.06	33.36	8.34	0.25	3.3
R STA.	1000+55.59	TO	1003+67.56	311.97	4.00	138.65	34.66	1.04	13.9
L STA.	1000+55.59	TO	1003+67.56	311.97	4.00	138.65	34.66	1.04	13.9
R STA.	998+49.28	TO	1000+55.59	206.31	BRIDGE	0.00	0.00	0.00	0.0
L STA.	998+49.28	TO	1000+55.59	206.31	OMISSION	0.00	0.00	0.00	0.0
L STA.	990+59.72	TO	998+49.28	789.56	5.79	507.95	126.99	3.81	50.8
R STA.	989+51.40	TO	998+49.28	897.88	5.79	577.64	144.41	4.33	57.8
L STA.	987+79.68	TO	990+59.72	280.04	10.79	335.74	83.93	2.52	33.6
R STA.	987+79.68	TO	989+51.40	171.72	10.90	207.97	51.99	1.56	20.8
L STA.	18+15.09	TO	41+64.22	2409.13	10.50	2,810.65	702.66	21.08	281.1
R STA.	18+15.09	TO	42+54.56	2439.47	10.50	2,846.05	711.51	21.35	284.6
L STA.	43+67.24	TO	48+74.06	506.82	10.50	591.29	147.82	4.43	59.1
R STA.	43+67.24	TO	48+79.36	512.12	10.50	597.47	149.37	4.48	59.7
L STA.	48+74.06	TO	51+27.86	253.80	BRIDGE	0.00	0.00	0.00	0.0
R STA.	48+79.36	TO	51+31.45	252.09	OMISSION	0.00	0.00	0.00	0.0
SUB-TOTAL						7,628.94	1,907.24	57.22	762.89
USE							1,907.00	57.00	763.00
FAU 7545									
L STA.	51+27.86	TO	74+28.43	2300.57	10.50	2,684.00	671.00	20.13	268.4
R STA.	51+31.45	TO	74+28.43	2296.98	10.50	2,679.81	669.95	20.10	268.0
SUB-TOTAL				4597.55		5363.81	1340.95	40.23	536.38
USE							1341.00	40.00	536.0
TOTAL						12992.75	3248.19	97.45	1299.28
USE							3248	97	1299

TEMPORARY RAMPS

40600990

Table with 7 columns: STATION, LT/RT*, PE/SR, LENGTH, WIDTH, SQ FT, SD YD. Lists temporary ramp details for various stations from 501+81.00 to 1054+57.00.

TEMPORARY RAMPS

40600990

Table with 7 columns: STATION, LT/RT*, PE/SR, LENGTH, WIDTH, SQ FT, SD YD. Lists temporary ramp details for various stations from 1053+97.00 to 71+61.00.

CLASS D PATCHES, TYPE II, 12 INCH

44201789

Table with 4 columns: STATION, WIDTH, LENGTH, SQ YD. Summary table for Class D patches, Type II, 12 inch.

CLASS D PATCHES, TYPE II, 15 INCH

44201827

Table with 4 columns: STATION, WIDTH, LENGTH, SQ YD. Summary table for Class D patches, Type II, 15 inch.

(LOCATIONS FOR CLASS D PATCHES WILL BE DETERMINED BY THE RESIDENT ENGINEER AND MAINTENANCE ENGINEER)

RESURFACING QUANTITIES

INCIDENTAL ASPHALT

Table with columns: STATION, TO, STATION, LENGTH, WIDTH, SQ YD, BITUMINOUS MATERIALS PRIME COAT (GALLON), HOT MIX ASPHALT SURFACE COURSE MIX "D", N70 (TONS), HOT MIX ASPHALT SURFACE REMOVAL 13/4" (SQ YD). Rows include station segments like 500+45.25 TO 524+84.42 and sub-totals for IL 105 and FAU 7545.

Table with columns: STATION, LT/RT, STREET NAME, SQ FT, SQ YD, INCIDENTAL HOT-MIX ASPHALT SURFACING (40800050) TONS, BITUMINOUS MATERIALS PRIME COAT (40800010) GALLON, HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL) (X4400196) SQ YD. Rows include station segments like 501+80.00 TO 503+37.00 and sub-totals for FAP 741 and FAU 7545.

* Area measured from CADD Flood

**WATER VALES AND MANHOLES
TO BE ADJUSTED**

STATION			WATER VALVE TO BE ADJUSTED EACH	MANHOLE TO BE ADJUSTED EACH
			56109210	60255500
503+46.90	23.33	LT		1
503+21.50	40.9	LT		1
503+61.79	34.79	LT	1	
503+65.73	31.37	LT	1	
507+28.31	25.11	LT		
507+34.53	22.88	LT		
509+78.36	21.22	RT		1
509+78.64	25.33	LT	1	
509+78.97	21.71	LT		1
520+62.88	20.43	LT		1
520+70.56	24.87	LT	1	
521+11.81	21.52	LT	1	
1078+27.49	5.39	RT		1
1078+16.21	12.45	LT	1	
1078+11.26	18.69	LT	1	
1078+10.78	17.54	RT		1
1078+07.15	10.76	LT	1	
1076+01.60	12.83	LT	1	
1075+95.14	11.31	LT	1	
1075+95.08	15.6	LT	1	
1075+90.35	15.29	RT		1
1075+90.08	13.14	LT	1	
1073+57.38	21.06	LT		1
1073+50.05	12.07	LT	1	
1073+47.55	9.26	LT	1	
1073+47.20	16.87	LT	1	
1071+37.43	15.56	LT		1
1069+28.86	13.64	RT		1
1067+87.12	25.91	LT		1
1067+62.91	24.33	RT		1
1067+50.03	25.65	RT		1
1067+42.58	34.57	LT		1
1067+02.44	17.31	LT	1	
1066+96.88	16.89	LT	1	
1064+82.27	22.32	RT		1
1064+67.09	12.38	LT		1
1064+47.60	27.46	RT		1
1058+62.79	15.16	RT		1
1058+36.50	13.07	LT	1	
1058+32.39	11.66	LT	1	
1058+32.13	15.25	LT	1	
1055+83.34	14.92	RT		1
1050+07.69	18.28	RT		1
1049+81.60	15.4	LT	1	
1049+67.74	23.91	RT		1
		TOTALS	21	22

**PREFORMED PLASTIC PAVEMENT MARKING,
TYPE B - INLAID - LETTERS AND SYMBOLS**
78004200

STATION	SQ FT	NUMBER	TOTAL SQ FT
FAP 741			
NB			
1702+40	"R" 3.6	2	7.2
1702+40	"X" 54	1	54
SB			
1069+66	"R" 3.6	2	7.2
1069+66	"X" 54	1	54
SUBTOTAL			122.4
Bi-dir Arrows (TO CENTER OF ARROWS)			
500+61	31.2	1	31.2
502+66	31.2	1	31.2
504+00	31.2	1	31.2
506+50	31.2	1	31.2
507+64	31.2	1	31.2
509+52	31.2	1	31.2
510+50	31.2	1	31.2
512+12	31.2	1	31.2
513+17	31.2	1	31.2
515+57	31.2	1	31.2
518+00	31.2	1	31.2
522+90	31.2	1	31.2
524+15	31.2	1	31.2
1078+76	31.2	1	31.2
1077+73	31.2	1	31.2
1076+57	31.2	1	31.2
1075+54	31.2	1	31.2
1074+00	31.2	1	31.2
1072+94	31.2	1	31.2
1028+45	31.2	1	31.2
1026+00	31.2	1	31.2
1023+50	31.2	1	31.2
1021+00	31.2	1	31.2
1018+50	31.2	1	31.2
1016+00	31.2	1	31.2
1013+50	31.2	1	31.2
1011+00	31.2	1	31.2
1009+16	31.2	1	31.2
SUBTOTAL		28	873.6
LEFT TURN ARROWS			
519+69	15.6	1	15.6
529+33	15.6	1	15.6
521+58	15.6	1	15.6
522+21	15.6	1	15.6
1068+40	15.6	1	15.6
1068+90	15.6	1	15.6
1067+05	15.6	1	15.6
1066+36	15.6	1	15.6
1007+32	15.6	1	15.6
1006+64	15.6	1	15.6
1005+92	15.6	1	15.6
34+14	15.6	1	15.6
34+93	15.6	1	15.6
35+73	15.6	1	15.6
36+59	15.6	1	15.6

**PREFORMED PLASTIC PAVEMENT MARKING,
TYPE B - INLAID - LETTERS AND SYMBOLS (CONT.)**
78004200

STATION	SQ FT	NUMBER	TOTAL SQ FT
39+12	15.6	1	15.6
39+92	15.6	1	15.6
40+72	15.6	1	15.6
41+52	15.6	1	15.6
42+93	15.6	1	15.6
43+57	15.6	1	15.6
44+35	15.6	1	15.6
44+97	15.6	1	15.6
SUB-TOTAL			358.8
USE			359
FAU 7545			
61+72	15.6	1	15.6
62+52	15.6	1	15.6
63+32	15.6	1	15.6
FAP 741 SUBTOTAL		23	1355
FAU 7545 SUBTOTAL			359
TOTAL			1714
USE			1714.0

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

78009004

STATION	LENGTH	EDGE LINE	TURN LANE 4" LINE	SOLID	SKIP DASH	CENTERLINE	DOUBLE	SHORT TERM PAVT MARKS (4) FOOT (70300100) (PER App.) Foot
		FOOT WHITE	FOOT YELLOW					
FAP 741								
(1) 500+44.27	240.73	240.73		481.46	122.00			29.00
502+85.00	1657.22			3,314.44	830.00			166.00
(2) 519+42.22	26.30				52.60			3.00
519+68.52	82.77				165.54			9.00
520+51.29		82.77						
521+39.77	81.50				163.00			9.00
522+21.27	263.15		81.50	526.30	132.00			27.00
524+84.42								
EQ. STA.								
1079+79.84	716.15			1,432.30	359.00			72.00
1072+63.69	363.69				727.38			37.00
1069+00.00	75.35				150.70			8.00
1068+24.65								
1067+27.00					479.00			24.00
1064+90.00	237.00							
1064+25.27	189.51				384.02			19.00
1062+35.76	2945.29				1,473.00			295.00
1032+90.47	330.47			660.94				34.00
1029+60.00	2078.67			4,157.34	1,040.00			208.00
1008+81.33								
1007+49.00	157.30			314.60				16.00
1005+91.70	91.70		157.30	183.40				10.00
1005+00.00	59.00			236.00				6.00
(1) 1004+41.00	294.80	589.60		1,179.20				89.00
1001+46.20	1366.60	2,733.20		684.00				410.00
987+79.60								
18+15.09	1084.91	2,169.82			543.00			326.00
29+00.00	130.00	260.00		260.00				39.00
30+30.00	270.00	540.00		1,080.00				81.00
33+00.00	93.00	93.00						28.00
33+93.00	265.70	531.40		531.40				80.00
36+58.70	244.30	488.60	265.70	488.60				74.00
39+03.00	267.70	535.40		535.40				81.00
41+70.70	110.30	110.30	267.70					34.00
42+81.00								

MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (CONT.)

78009004

STATION	LENGTH	EDGE LINE	TURN LANE 4" LINE	SOLID	SKIP DASH	CENTERLINE	DOUBLE	SHORT TERM PAVT MARKS (4) FOOT (70300100) (PER App.) Foot
		FOOT WHITE	FOOT YELLOW					
42+54.51	20.04	40.08						7.00
42+74.55	25.45	50.90		101.80				8.00
43+00.00	71.86	143.72		143.72				22.00
43+71.86	128.14	256.28		256.28				39.00
45+00.00	377.77	755.54	128.14	755.54				114.00
48+77.77								
SUB-TOTAL		9,538.57	983.11	16,638.72	5,183.00	2,122.24		2,404.00
			34466					
FAU 7545								
60+88.50	65.90	131.80						20.00
61+54.40	838.86	1,677.72		1,677.72				252.00
69+93.26	106.74	213.48						33.00
71+00.00	140.43	280.86						43.00
72+40.43								
SUB-TOTAL		2,303.86		1,677.72				348.00
			3982					
SUBTOTAL	15498.30	11,842.43	983.11	18,316.44	5,183.00	2,122.24		5,504.00
TOTAL		12,825.54			25,621.68			5,504.00
USE				38,448.00				

- (1) Per Article 703.04: 1 Application for Milling, 1 Application for Surface, Skip Dash and 2 Edge Lines
- (2) 1 Application for Milling, 1 Application for Surface, Skip Dash only
- (3) Concrete Median, no work on shoulder, no temporary markings required
- (4) Work Zone Pavement Marks Removal is Surface Markings only, per single application rate shown above. Stop bars, railroad striping, islands and crosswalks should not be included in Short term Markings. Works Zone Pavement Marking Removal is computed in SQUARE FEET = FOOT/3

MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

78009006

CROSSWALKS		FOOT
MONROE ST.	WEST	85
JEFFERSON ST	SOUTH	74
JEFFERSON ST	WEST	74.5
MARION ST	WEST	91
MARION ST	NORTH	94.5
LAFAYETTE ST.	EAST	108
MAIN ST.	EAST	86
WASHINGTON ST.	EAST	76
BRIDGE ST.	SOUTH	164
BRIDGE ST.	WEST	148
CENTER ST.	NORTH	151.5
CENTER ST.	EAST	85.5
WILSON ST.	NORTH	86
	SUBTOTAL	1324
ISLANDS		
E.1730 RD N:		179.9
42+27.82		314.25
	SUBTOTAL	494.15
	TOTAL	1818.2
	USE	1818.0

FILE NAME =	USER NAME = leroyma	DESIGNED -	REVISED -
ct:\pw\work\p1dot\leryoma\d0388189\0570443-sh1-schedules.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZRS-3	PIATT	63	35
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

**MODIFIED URETHANE
PAVEMENT MARKING - LINE 12"**

78009012

STATION	NUMBER OF STRIPES	YELLOW FOOT	WHITE FOOT
PAINTED MEDIAN			
1069+86.00	9	86.5	
1068+20.00			
1067+26.00			
1064+90.00	11	106.9	
1064+25.00			
1063+00.00	4	36.3	
1005+00.00			
1001+46.00	13	170	
29+00.00	8	88	
33+00.00			
ISLANDS			
E. 1730 RD N.	8		136
42+27.00	12		250
	SUBTOTAL	487.7	386
	TOTAL	873.7	
	USE	874	

**MODIFIED URETHANE
PAVEMENT MARKING - LINE 24"**

78009024

STATION/ FEATURE	OFF SET	STREET NAME	LENGTH (FOOT)
RR X-ing: 3 bars NB			
			12
			12
			24
SUBTOTAL			48
			12
			12
			24
SUBTOTAL			48
STOP BARS:			
FAP 741			
503+37.00	LT	MONROE ST.	20
507+17.00	LT	JEFFERSON ST.	12.5
507+17.00	RT	JEFFERSON ST.	13.5
510+00.00	LT	WILLIAMS ST.	15
510+00.00	RT	WILLIAMS ST.	16.5
512+67.00	LT	BOND ST.	13
512+67.00	RT	BOND ST.	17.5
521+00.00	LT	MARION ST.	13
521+00.00	RT	MARION ST.	24.5
521+00.00	N.	MARION ST. (IL 105)	22
521+00.00	S.	MARION ST. (IL 105)	22.5
523+66.00	RT	LAFAYETTE ST.	21
1076+10.00	LT	WASHINGTON ST.	20.5
1076+10.00	RT	WASHINGTON ST.	37
1073+41.00	LT	LIVINGSTON ST.	19
1073+41.00	RT	LIVINGSTON ST.	23
1067+72.00	LT	BRIDGE ST.	42.5
1067+72.00	S.	BRIDGE ST. (IL 105)	24
1067+72.00	RT	CENTER ST.	26
1067+72.00	N.	CENTER ST. (IL 105)	34.5
1064+73.00	LT	HIGH ST.	16
1064+73.00	RT	HIGH ST.	19.5
1058+50.00	LT	GRANT ST.	20
1058+50.00	RT	GRANT ST.	18
1055+45.00	LT	WILSON ST.	19
1055+45.00	RT	WILSON ST.	24.5
1049+89.00	LT	OGLESBY ST.	22
1049+89.00	RT	OGLESBY ST.	20.5
1007+68.00	RT	E. 1730 RD. N.	30
42+27	WB	IL 105	21
42+27	EB	IL 105	11.5
SUB-TOTAL			851.5
USE			852
FAU 7545			
71+64.00	RT	RIDINGS DR.	27.19
SUBTOTAL			27.19
USE			27
		TOTAL	878.5
		USE	879.0

RAISED REFLECTIVE PAVEMENT MARKERS

78300200

STATION	WHIT MONO DIR	DUAL AT BI-DIR LANES	SINGLE PAV'T MARKER REMOVAL (78300200)	RAISED REFLECTIVE PAV'T MARKER REMOVAL (78300200)
FAP 741		AMBER		
500+44.00	3	94		97
519+00.00	3	31		34
524+84.00 Eq. Sta.				
1079+79.84				
		51		51
1070+00.00	3	11		14
1068+15.00				
1067+15.00	3	13		16
1064+95.00				
1064+25.00		12		12
1062+35.00			77	77
1032+45.00		129		129
1007+00.00	3	30		33
1001+46.00			36	36
987+79.68 Eq. Sta.				
18+15.09			30	30
29+29.00		21		21
33+05.00	3			3
42+27.82	7			
45+00.00				
SUB-TOTAL	25	392	143	559
FAU 7545				
61+50.00	5			5
63+60.00				
TOTAL	25	392	143	560
FAP 741	5.0			5
FAU7545				
TOTAL	30	392	143	565

PARTIAL DEPTH PATCHING

STATION	LANE	WIDTH	LENGTH	DEPTH	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH PATCHING
					TYPE I, 5 1/2" X4406065 (SQ YD)	TYPE II, 5 1/2" X4406265 (SQ YD)	TYPE I, 7" X4406070 (SQ YD)	TYPE II, 7" X4406270 (SQ YD)	TYPE I, 7 1/2" X4406075 (SQ YD)	TYPE I, 8 1/2" X4406085 (SQ YD)	TYPE II, 8 1/2" X4406285 (SQ YD)	(TON)
28+50.00	NB	12	4	5.5	5.3							1.6
28+50.00	SB	12	4	5.5	5.3							1.6
43+00.00	SB	12	4	5.5	5.3							1.6
43+75.00	SB	12	4	5.5	5.3							1.6
44+50.00	SB	12	4	5.5	5.3							1.6
45+25.00	SB	12	4	5.5	5.3							1.6
46+00.00	SB	12	4	5.5	5.3							1.6
46+75.00	SB	12	4	5.5	5.3							1.6
47+50.00	SB	12	4	5.5	5.3							1.6
39+00.00	NB	12	6	5.5		8.0						2.5
40+00.00	NB	12	6	5.5		8.0						2.5
512+00.00	NB	12	4	7			5.3					2.1
512+00.00	SB	12	4	7			5.3					2.1
512+00.00	BI-DI	12	4	7			5.3					2.1
514+50.00	NB	12	4	7			5.3					2.1
514+50.00	SB	12	4	7			5.3					2.1
514+50.00	BI-DI	12	4	7			5.3					2.1
515+50.00	NB	12	4	7			5.3					2.1
515+50.00	SB	12	4	7			5.3					2.1
515+50.00	BI-DI	12	4	7			5.3					2.1
524+25.00	NB	12	8	7				10.7				4.2
524+25.00	SB	12	8	7				10.7				4.2
524+25.00	BI-DI	12	8	7				10.7				4.2
1078+80.00	NB	12	6	7				8.0				3.1
1062+00.00	SB	12	4	7.5				5.3				2.2
1062+00.00	BI-DI	12	4	7.5				5.3				2.2
1062+00.00	NB	12	4	7.5				5.3				2.2
1061+00.00	SB	12	4	7.5				5.3				2.2
1061+00.00	BI-DI	12	4	7.5				5.3				2.2
1061+00.00	NB	12	4	7.5				5.3				2.2
1059+50.00	SB	12	4	7.5				5.3				2.2
1059+50.00	BI-DI	12	4	7.5				5.3				2.2
1059+50.00	NB	12	4	7.5				5.3				2.2
1057+00.00	NB	12	4	7.5				5.3				2.2
1056+00.00	NB	12	4	7.5				5.3				2.2

STATION	LANE	WIDTH	LENGTH	DEPTH	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH REMOVAL	PARTIAL DEPTH PATCHING
					TYPE I, 5 1/2" X4406065 (SQ YD)	TYPE II, 5 1/2" X4406265 (SQ YD)	TYPE I, 7" X4406070 (SQ YD)	TYPE II, 7" X4406270 (SQ YD)	TYPE I, 7 1/2" X4406075 (SQ YD)	TYPE I, 8 1/2" X4406085 (SQ YD)	TYPE II, 8 1/2" X4406285 (SQ YD)	(TON)
1053+00.00	SB	12	4	7.5							5.3	2.2
1053+00.00	BI-DI	12	4	7.5							5.3	2.2
1053+00.00	NB	12	4	7.5							5.3	2.2
1051+00.00	SB	12	4	7.5							5.3	2.2
1051+00.00	BI-DI	12	4	7.5							5.3	2.2
1051+00.00	NB	12	4	7.5							5.3	2.2
1050+25.00	SB	12	4	7.5							5.3	2.2
1048+00.00	NB	12	4	7.5							5.3	2.2
1048+00.00	SB	12	4	7.5							5.3	2.2
1044+00.00	NB	12	4	7.5							5.3	2.2
1043+00.00	SB	12	4	7.5							5.3	2.2
1043+00.00	NB	12	4	7.5							5.3	2.2
1037+00.00	SB	12	4	7.5							5.3	2.2
1033+00.00	SB	12	4	7.5							5.3	2.2
1025+00.00	NB	12	4	7.5							5.3	2.2
1025+00.00	SB	12	4	7.5							5.3	2.2
1025+00.00	BI-DI	12	4	7.5							5.3	2.2
1019+00.00	NB	12	4	7.5							5.3	2.2
1019+00.00	SB	12	4	7.5							5.3	2.2
1019+00.00	BI-DI	12	4	7.5							5.3	2.2
1014+00.00	NB	12	4	7.5							5.3	2.2
1014+00.00	BI-DI	12	4	7.5							5.3	2.2
1013+00.00	NB	12	4	8.5						5.3		2.5
991+50.00	NB	12	4	8.5						5.3		2.5
991+00.00	NB	12	4	8.5						5.3		2.5
20+00.00	NB	12	4	8.5						5.3		2.5
20+00.00	SB	12	4	8.5						5.3		2.5
24+50.00	NB	12	4	8.5						5.3		2.5
24+50.00	SB	12	4	8.5						5.3		2.5
994+00.00	NB	12	6	8.5							8.0	3.8
993+50.00	NB	12	6	8.5							8.0	3.8
993+00.00	NB	12	6	8.5							8.0	3.8
992+50.00	NB	12	6	8.5							8.0	3.8
990+50.00	SB	12	6	8.5							8.0	3.8
TOTAL					48.0	16.0	48.0	40.0	176.0	37.3	40.0	164.9
USE					48.0	16	48	40	176	38	40	165

SURVEY MARKERS

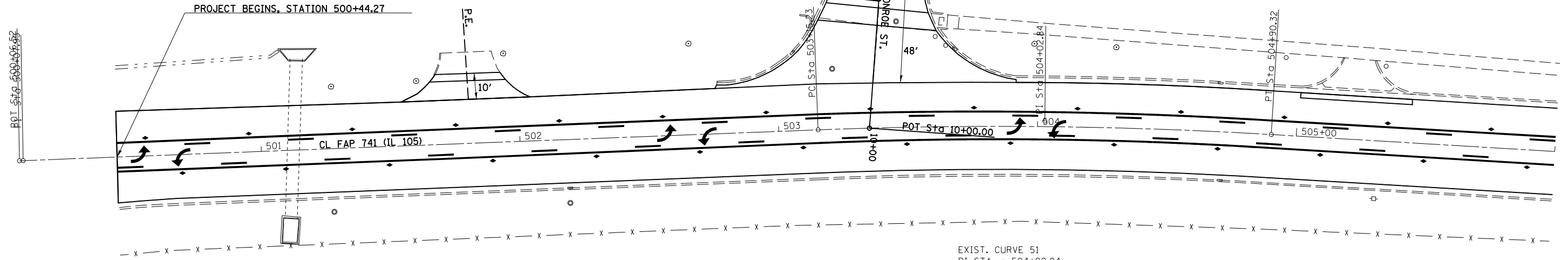
STATION	TYPE	SURVEY MARKER TYPE 1, SPECIAL EACH	SURVEY MARKER COVER ASSEMBLY EACH
		XZ193300	Z0070100
500+06.52	Sta. Eq.	1	
500+07.95	PI	1	
503+15.23	PC		1
504+02.84	PI	1	
504+90.32	PI		1
507+64.45	PI	1	
512+66.90	PI	1	
524+84.42	Sta. Eq.	1	
1078+99.86	PI	1	
1066+35.77	PT		1
1075+38.38	PI	1	
1065+30.55	PI	1	
1064+25.27	PC		1
1063+30.54	PI	1	
1062+35.76	PC		1
1046+05.46	PT		1
1041+60.73	PC		1
1037+23.33	PT		1
1032+90.47	PC		1

SURVEY MARKERS (CONT.)

STATION	TYPE	SURVEY MARKER TYPE 1, SPECIAL EACH	SURVEY MARKER COVER ASSEMBLY EACH
		XZ193300	Z0070100
1032+90.47	PC		1
1031+27.78	PI	1	
1029+64.91	PC		1
1024+46.45	PC		1
1020+97.51	PT		1
1011+28.46	PC		1
1005+24.57	PT	1	
1003+36.49	PI	1	
1001+46.20	PC	1	
997+14.08	PT	1	
992+64.11	pc	1	
987+79.68	Sta. Eq.	1	
18+61.48	PC	1	
27+70.87	PT	1	
42+27.82	PI	1	
SUB-TOTAL		20	13
FAU 7545			
61+62.06	PI		1
72+71.23			1
SUB-TOTAL		0	2
TOTAL		20	15

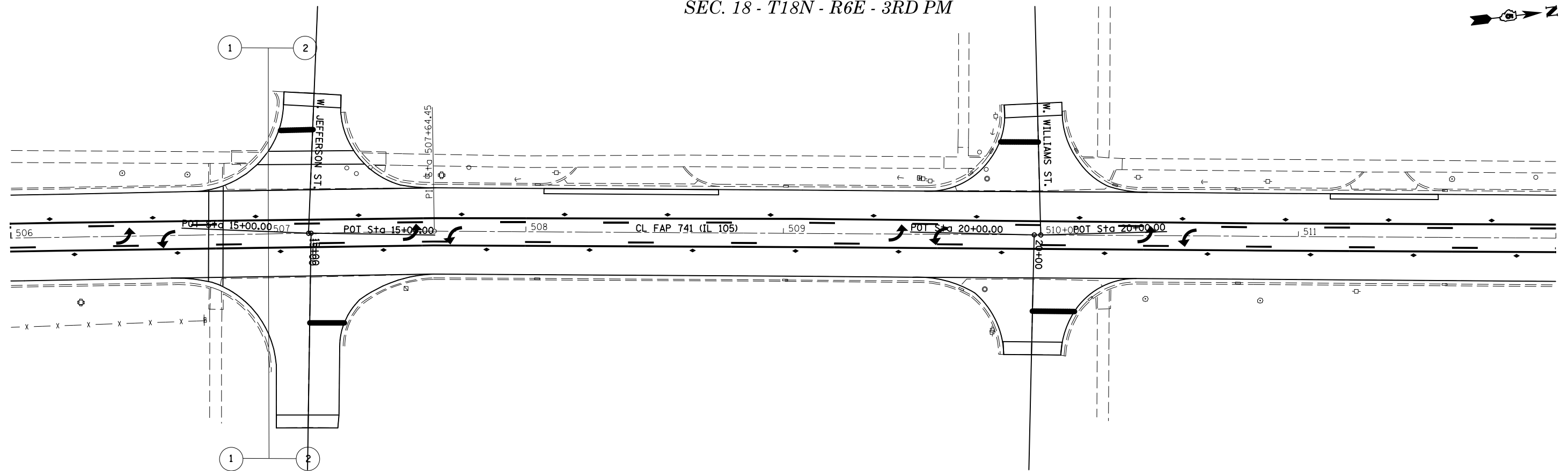
SEC. 18 - T18N - R6E - 3RD PM

NOTE: SOME QUANTITIES FOR WORK OUTSIDE THE PROJECT LIMITS HAVE BEEN INCLUDED IN THE PLANS



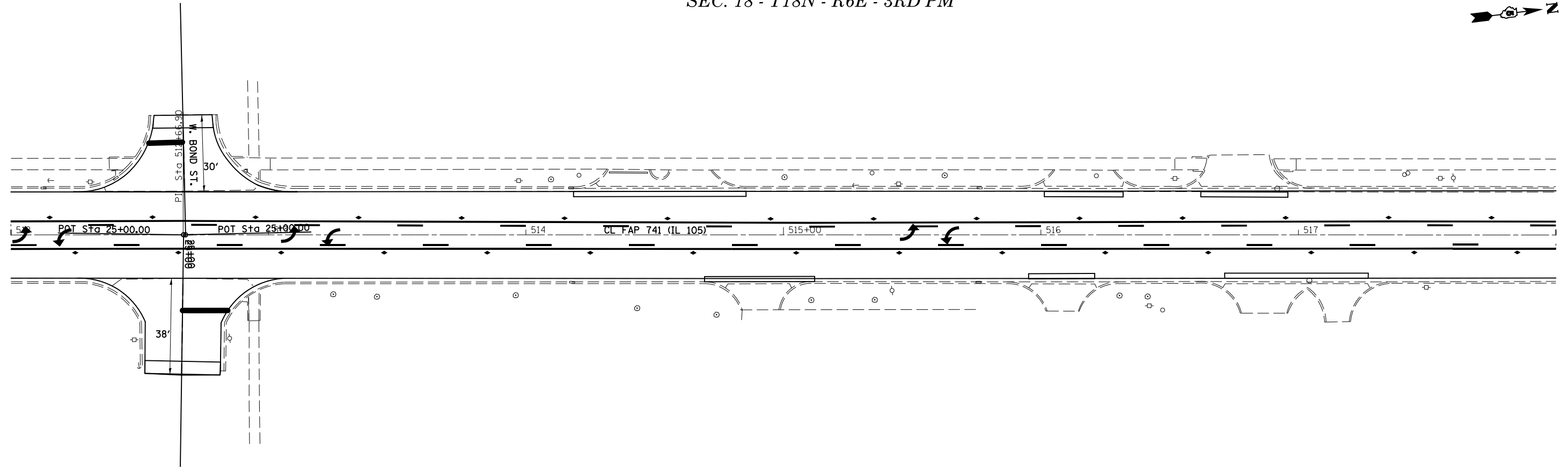
EXIST. CURVE 51
 PI STA. = 504+02.84
 $\Delta = 5^\circ 37' 06''$ (RT)
 $D = 3^\circ 12' 31''$
 $R = 1,785.64'$
 $T = 87.62'$
 $L = 175.10'$
 $E = 2.15'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 503+15.23$
 $P.T. \text{ STA.} = 504+90.32$

SEC. 18 - T18N - R6E - 3RD PM

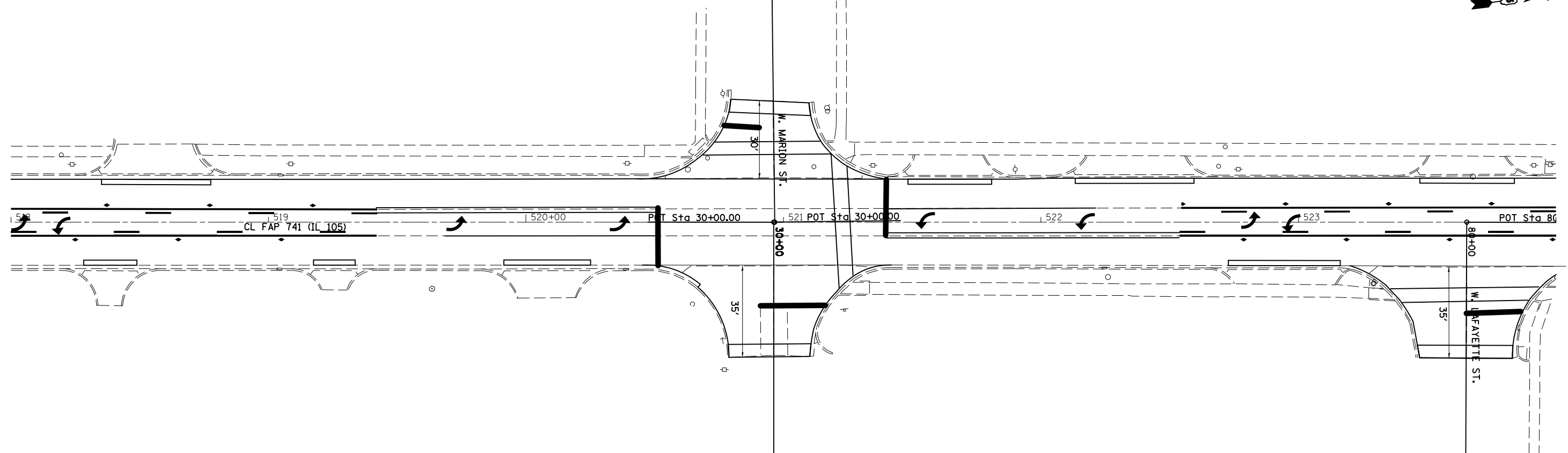


FILE NAME = c:\pwork\work\pwork\cearlock\jd\0388189\03	USER NAME = cearlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	70843-sh1-dblprf_20.dgn	DRAWN -	REVISED -		741	(7,Z)RS-3	Platt	63	39		
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	SCALE: SHEET NO. 1 OF 15 SHEETS STA. 500+44.27 TO STA. 510+00			CONTRACT NO. 70843				
	PLOT DATE = 4/10/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

SEC. 18 - T18N - R6E - 3RD PM



SEC. 18 - T18N - R6E - 3RD PM



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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

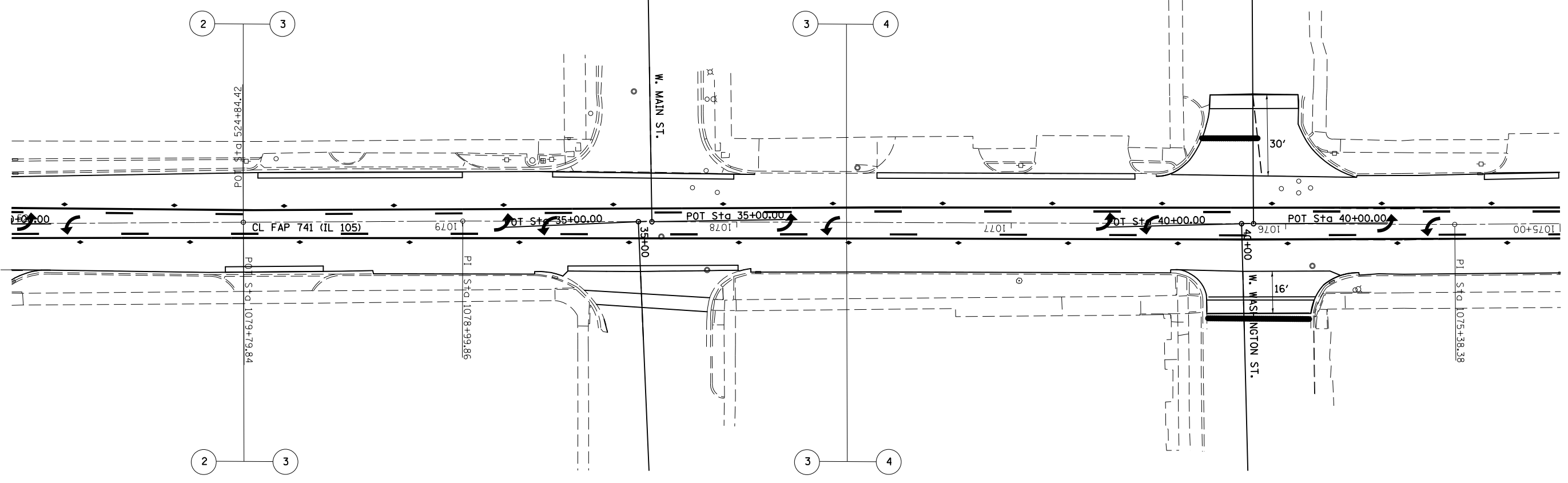
PLAN SHEET

SCALE: SHEET NO. 2 OF 15 SHEETS STA. 510+00 TO STA. 524+00

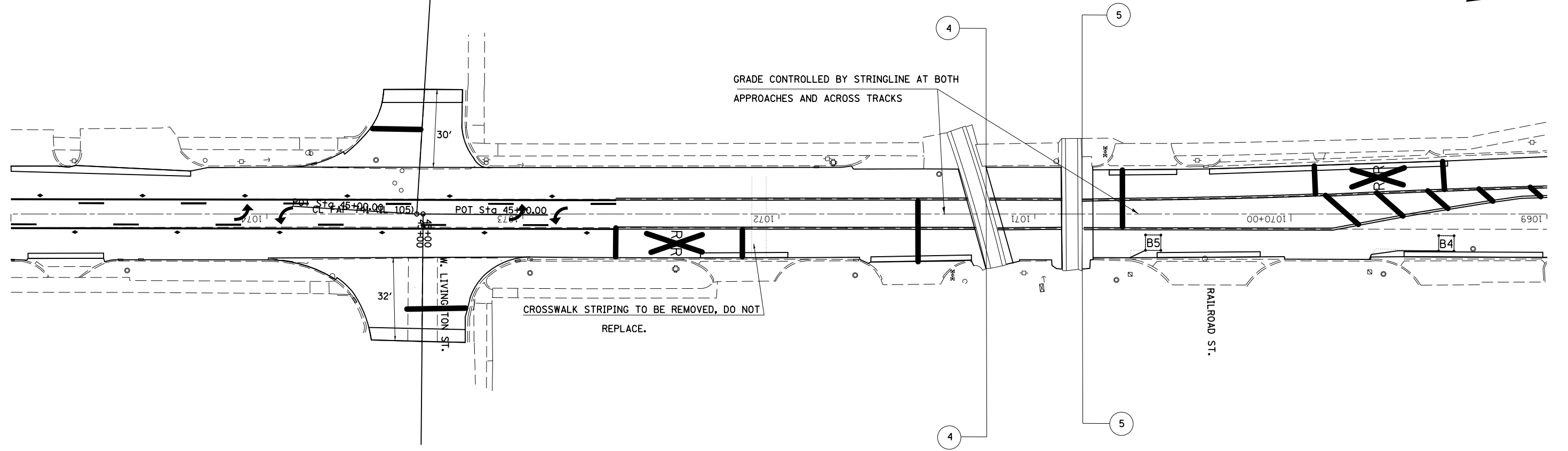
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	40
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

SEC. 18 - T18N - R6E - 3RD PM

SEC. 7 - T18N - R6E - 3RD PM



SEC. 7 - T18N - R6E - 3RD PM

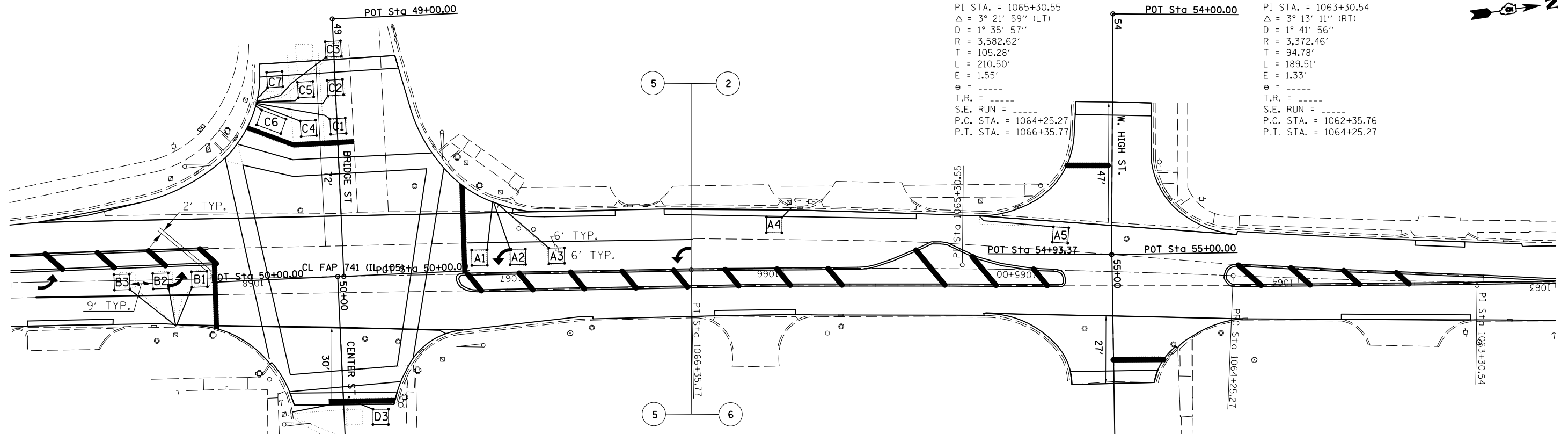


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\ceerlockjd\0388189\0370843-sht-dblprf_20.dgn	70843-sht-dblprf_20.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 3 OF 15 SHEETS	STA. 524+00 TO STA. 1069+00	741	(7,Z)RS-3	PIg++	63	41
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70843				
	PLOT DATE = 4/10/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SEC. 7 - T18N - R6E - 3RD PM

EXIST. CURVE 89
 PI STA. = 1065+30.55
 $\Delta = 3^\circ 21' 59''$ (LT)
 $D = 1^\circ 35' 57''$
 $R = 3,582.62'$
 $T = 105.28'$
 $L = 210.50'$
 $E = 1.55'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1064+25.27$
 $P.T. STA. = 1066+35.77$

EXIST. CURVE 90
 PI STA. = 1063+30.54
 $\Delta = 3^\circ 13' 11''$ (RT)
 $D = 1^\circ 41' 56''$
 $R = 3,372.46'$
 $T = 94.78'$
 $L = 189.51'$
 $E = 1.33'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1062+35.76$
 $P.T. STA. = 1064+25.27$

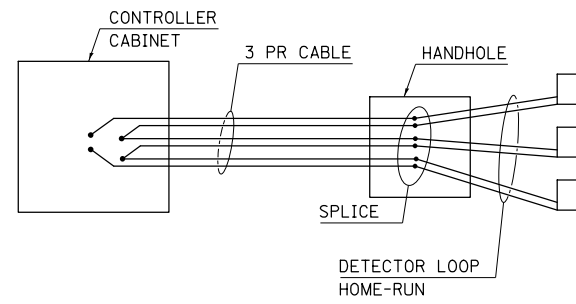


DETECTOR LOOP, TYPE 1 = 764 FT.

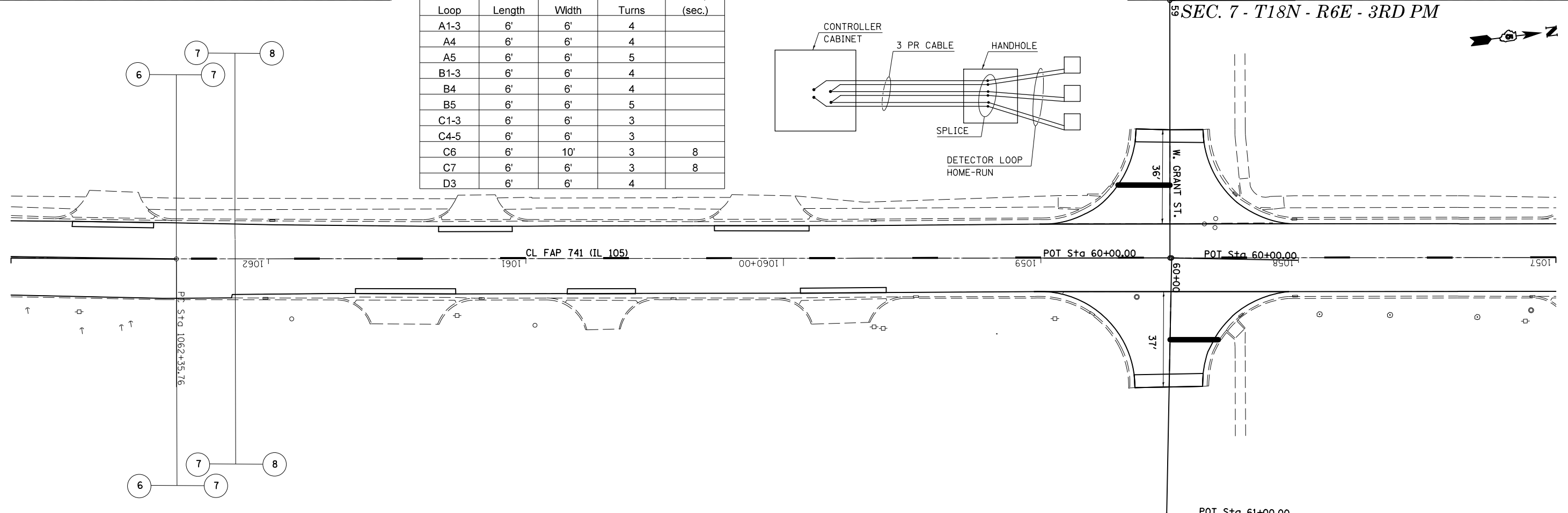
DETECTOR LOOP DATA				
IL 105 & Bridge St. / Center St.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6'	6'	4	
A4	6'	6'	4	
A5	6'	6'	5	
B1-3	6'	6'	4	
B4	6'	6'	4	
B5	6'	6'	5	
C1-3	6'	6'	3	
C4-5	6'	6'	3	
C6	6'	10'	3	8
C7	6'	6'	3	8
D3	6'	6'	4	

DETAIL OF DETECTOR LOOP WIRING

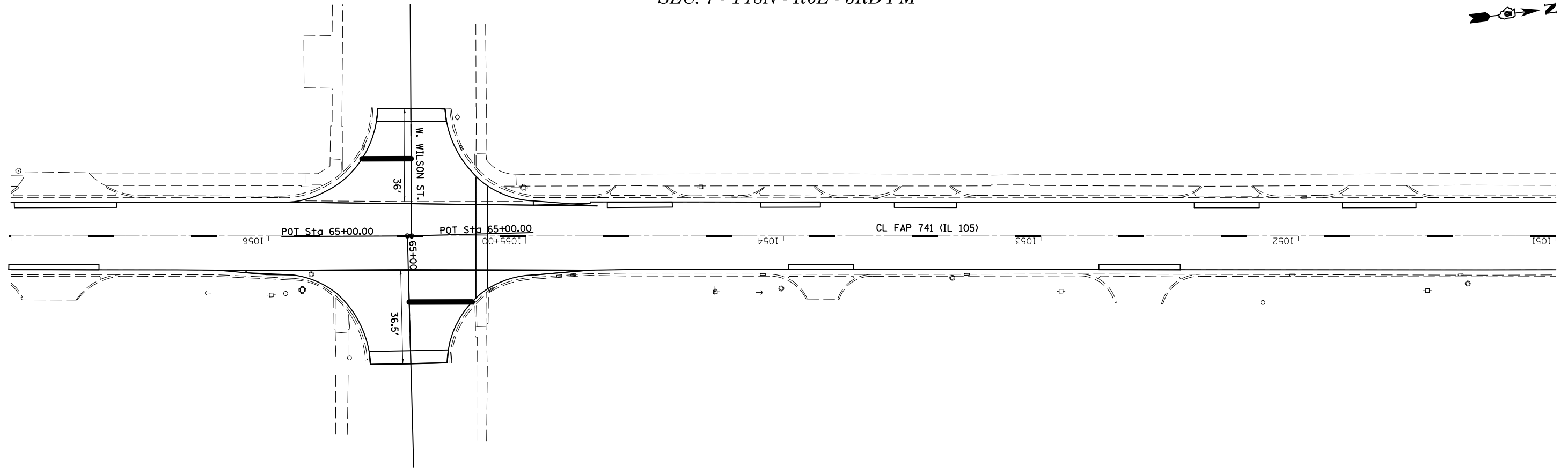
WIRED IN SERIES WITH MULTI-PAIR CABLE



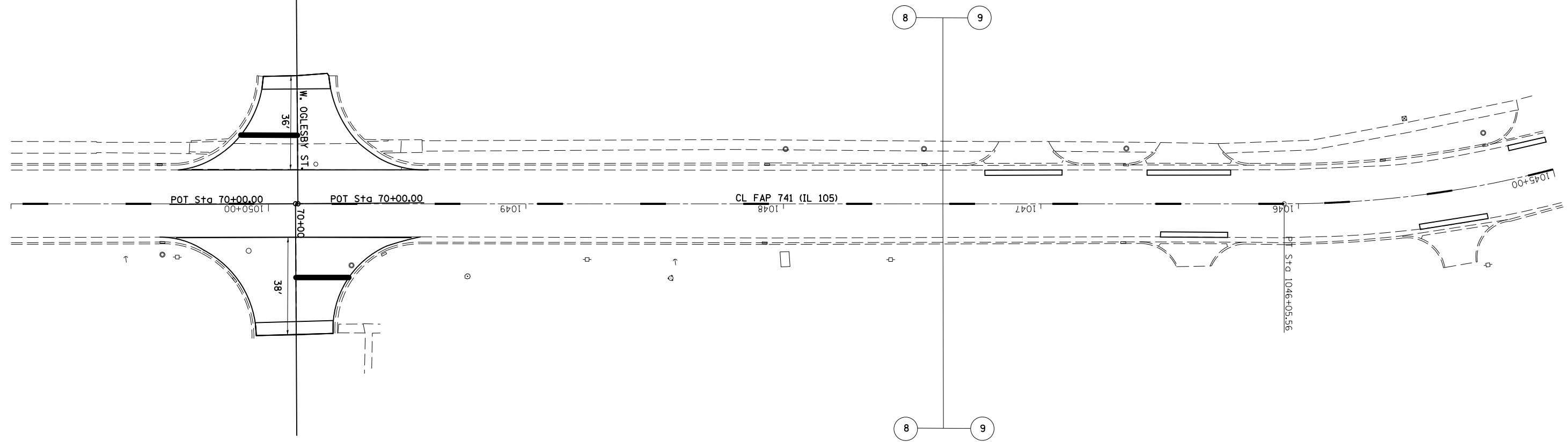
SEC. 7 - T18N - R6E - 3RD PM



SEC. 7 - T18N - R6E - 3RD PM



SEC. 7 - T18N - R6E - 3RD PM



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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

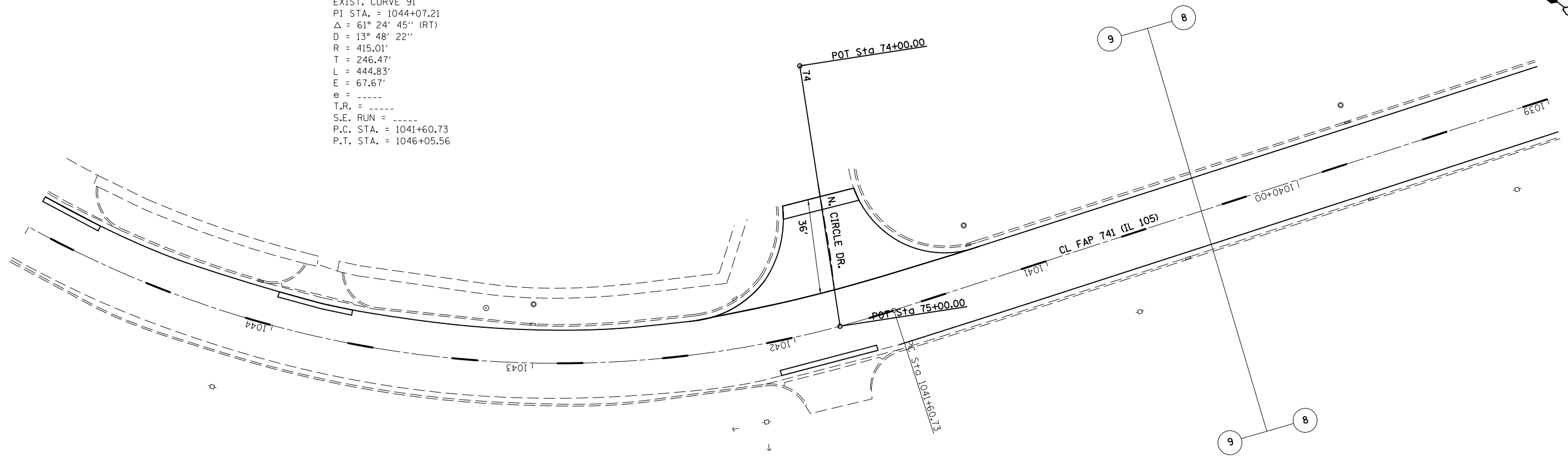
PLAN SHEET

SCALE: SHEET NO. 5 OF 15 SHEETS STA. 1057+00 TO STA. 1045+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	43
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

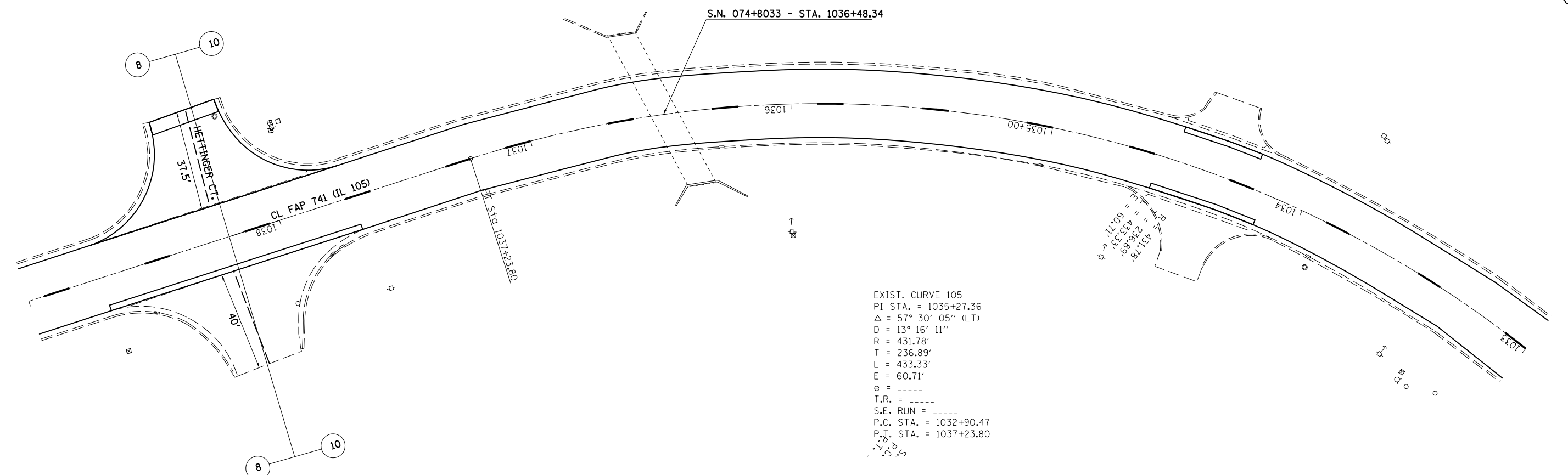
SEC. 7 - T18N - R6E - 3RD PM

EXIST. CURVE 91
 PI STA. = 1044+07.21
 Δ = 61° 24' 45" (RT)
 D = 13° 48' 22"
 R = 415.01'
 T = 246.47'
 L = 444.83'
 E = 67.67'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1041+60.73
 P.T. STA. = 1046+05.56



SEC. 7 - T18N - R6E - 3RD PM

EXIST. CURVE 105
 PI STA. = 1035+27.36
 Δ = 57° 30' 05" (LT)
 D = 13° 16' 11"
 R = 431.78'
 T = 236.89'
 L = 433.33'
 E = 60.71'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1032+90.47
 P.T. STA. = 1037+23.80



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0388189\0370843-shr-dblprf_20.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 4/10/2014		DATE -	REVISED -

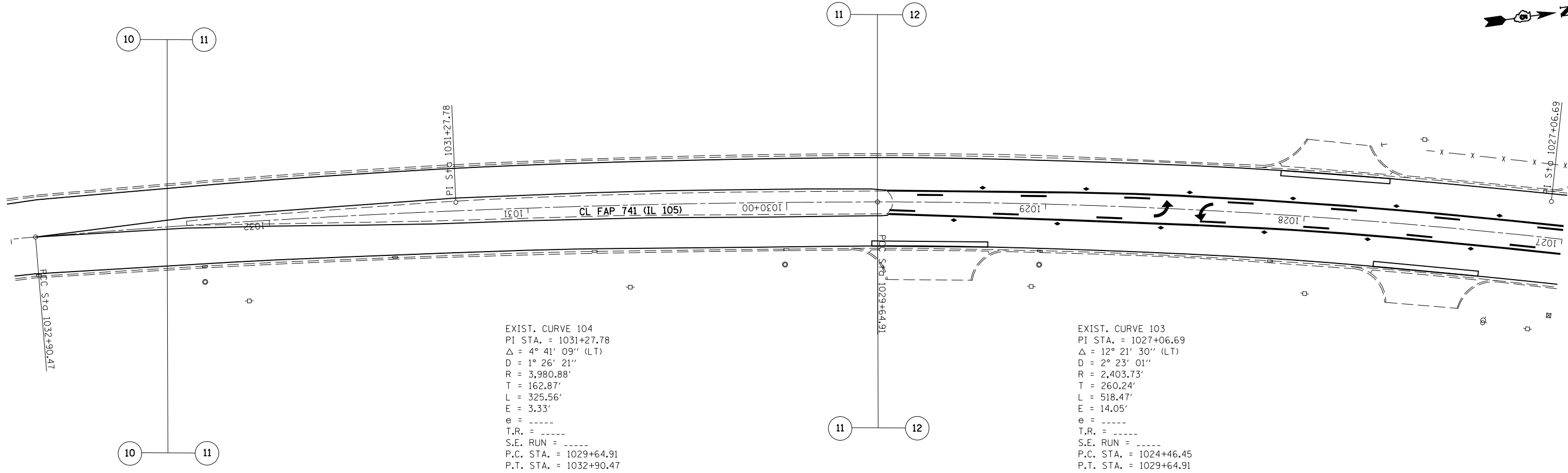
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

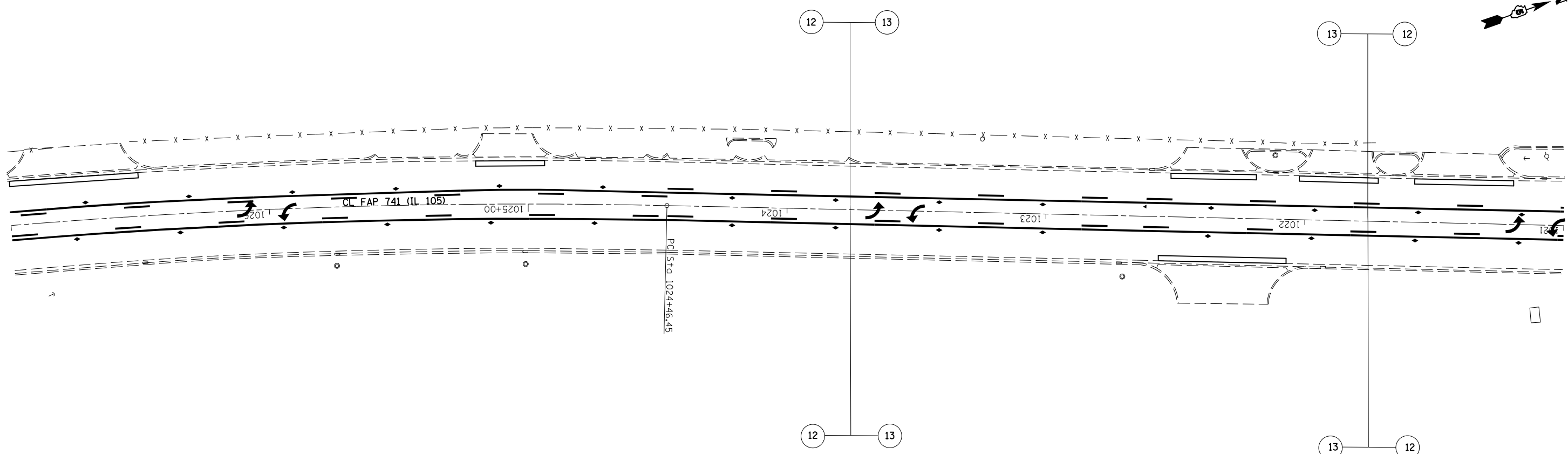
SCALE: SHEET NO. 6 OF 15 SHEETS STA. 1045+00 TO STA. 1033+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	44
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

SEC. 7 - T18N - R6E - 3RD PM

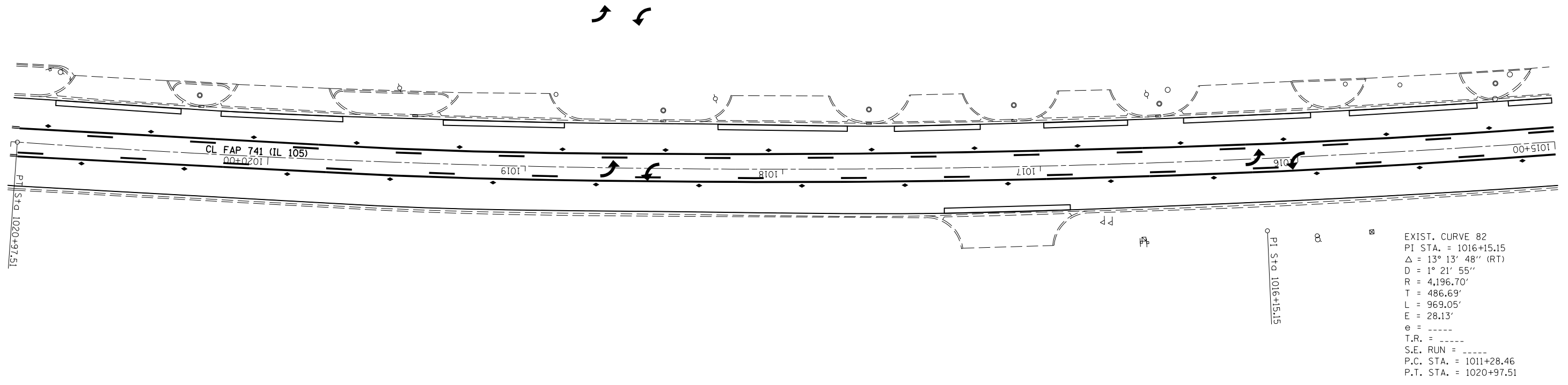


SEC. 7 - T18N - R6E - 3RD PM

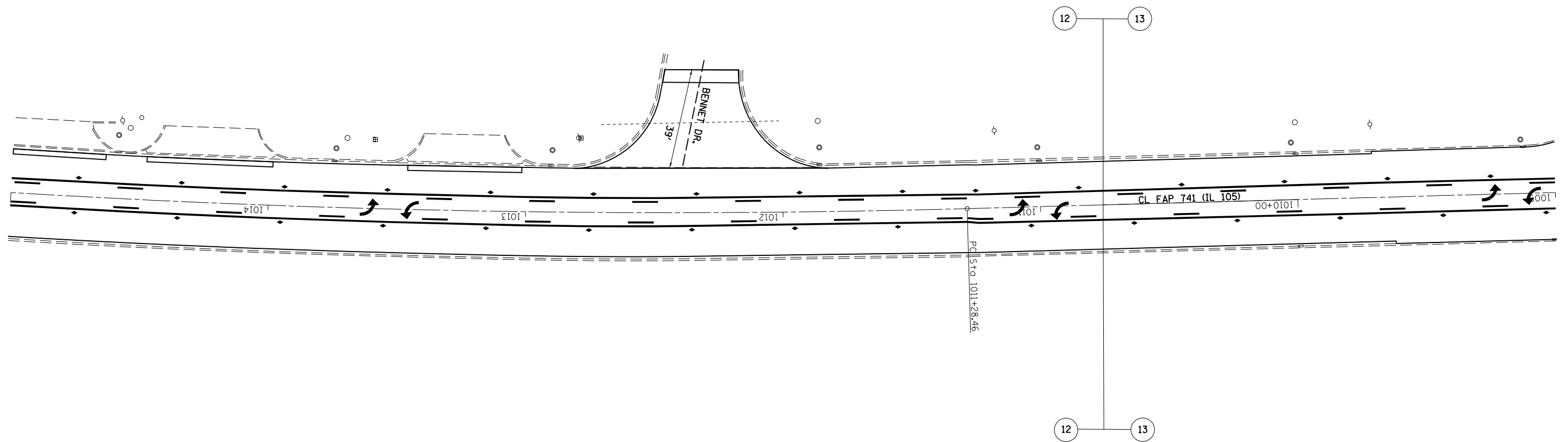


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. 7 OF 15 SHEETS STA. 1033+00 TO STA. 1021+00			CONTRACT NO. 70843				
	PLOT DATE = 4/10/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SEC. 7 - T18N - R6E - 3RD PM



SEC. 7 - T18N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
et:\pw\work\p\dot\ceerlockjd\0388189\03	70843-shr-dblprf_20.dgn	DRAWN -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

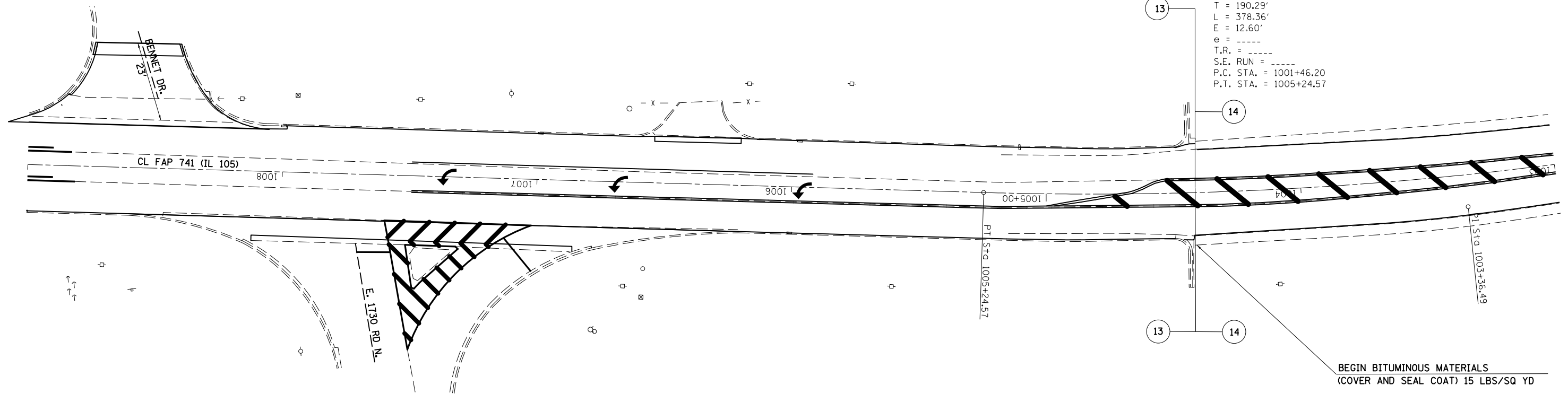
SCALE: SHEET NO. 8 OF 15 SHEETS STA. 1021+00 TO STA. 1009+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	46
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

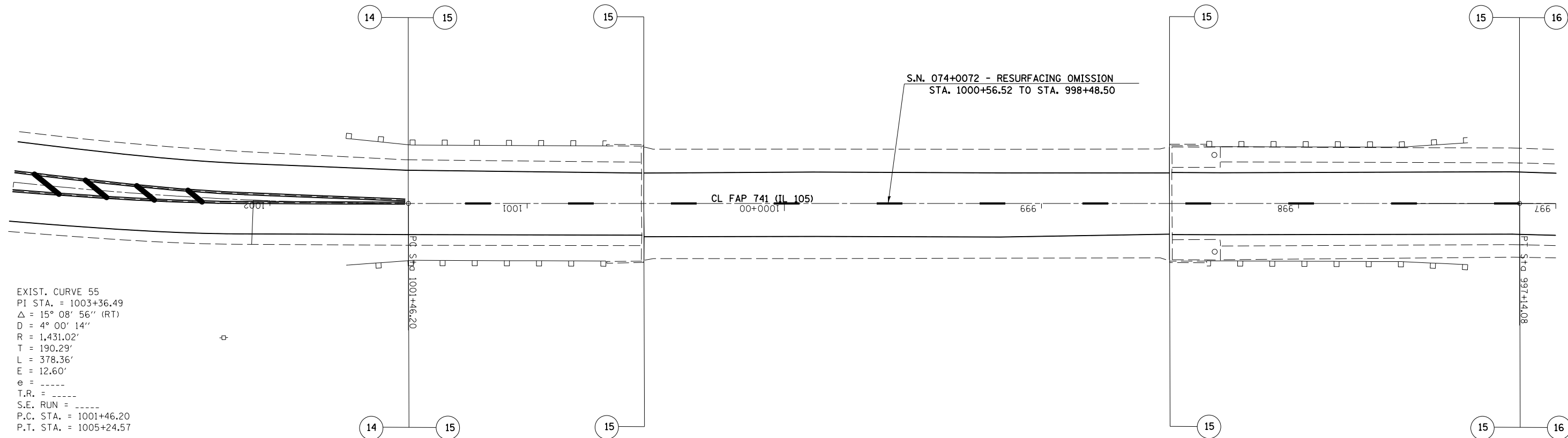
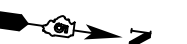
SEC. 7 - T18N - R6E - 3RD PM

SEC. 6 - T18N - R6E - 3RD PM

EXIST. CURVE 55
 PI STA. = 1003+36.49
 $\Delta = 15^\circ 08' 56''$ (RT)
 D = 4° 00' 14"
 R = 1,431.02'
 T = 190.29'
 L = 378.36'
 E = 12.60'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1001+46.20
 P.T. STA. = 1005+24.57



SEC. 6 - T18N - R6E - 3RD PM



EXIST. CURVE 55
 PI STA. = 1003+36.49
 $\Delta = 15^\circ 08' 56''$ (RT)
 D = 4° 00' 14"
 R = 1,431.02'
 T = 190.29'
 L = 378.36'
 E = 12.60'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1001+46.20
 P.T. STA. = 1005+24.57

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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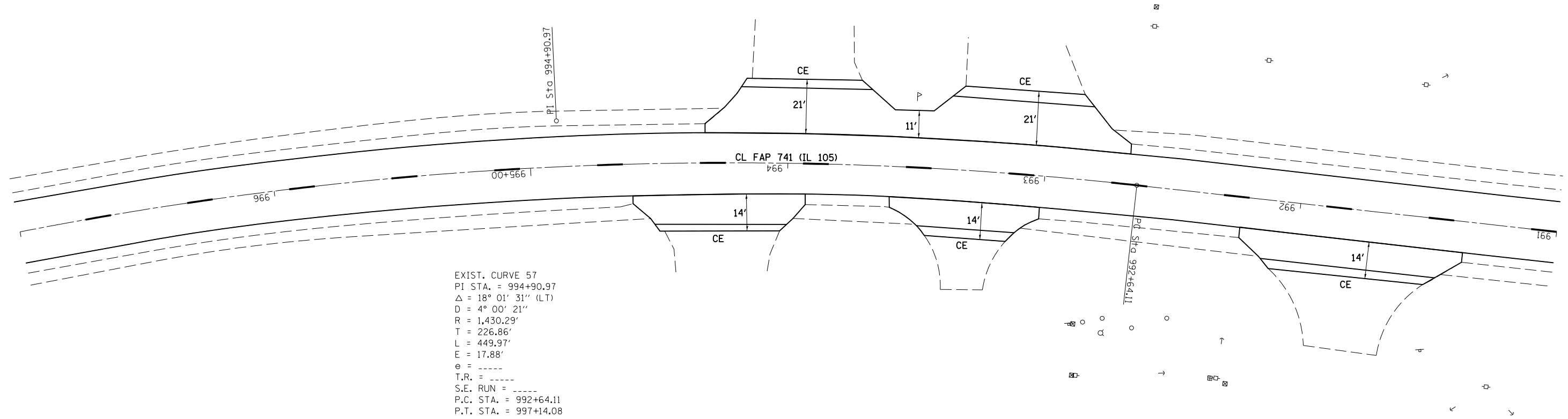
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

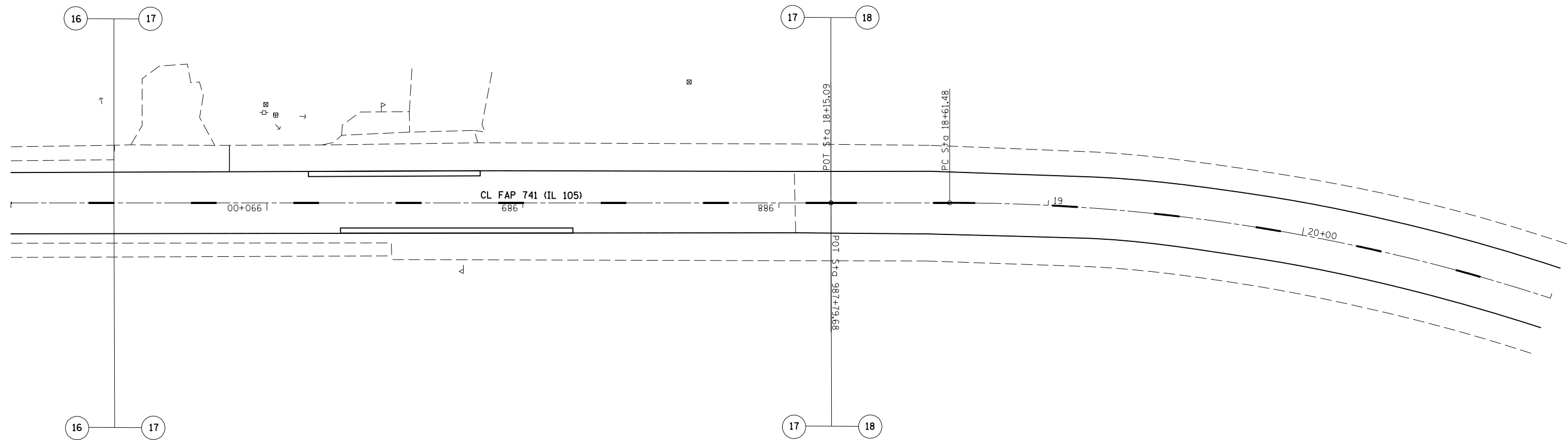
SCALE: SHEET NO. 9 OF 15 SHEETS STA. 1009+00 TO STA. 997+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	47
			CONTRACT NO. 70843	
ILLINOIS FED. AID PROJECT				

SEC. 6 - T18N - R6E - 3RD PM



SEC. 6 - T18N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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PLOT DATE = 4/10/2014		DATE -	REVISED -

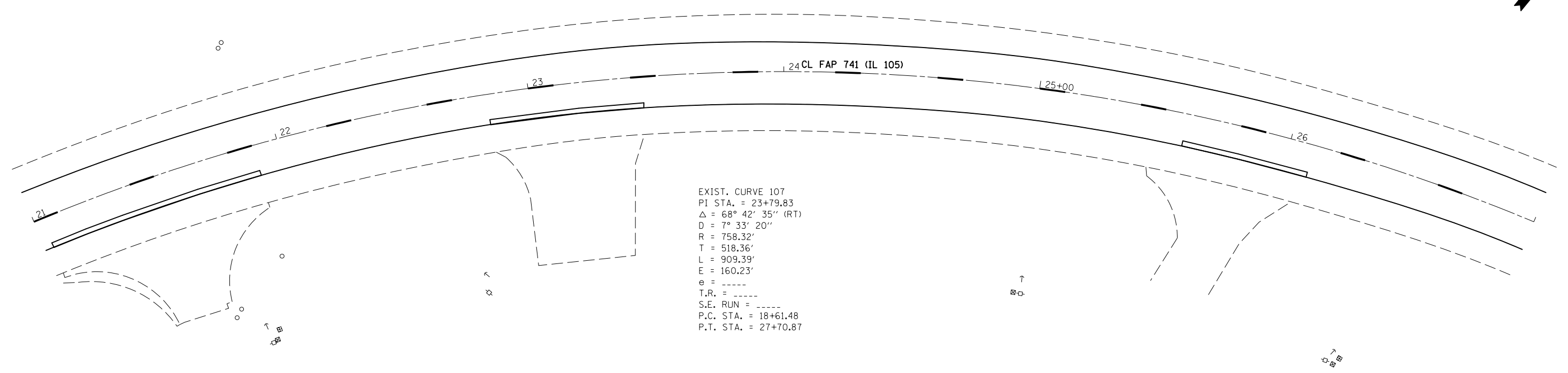
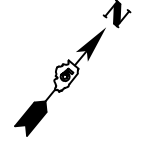
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

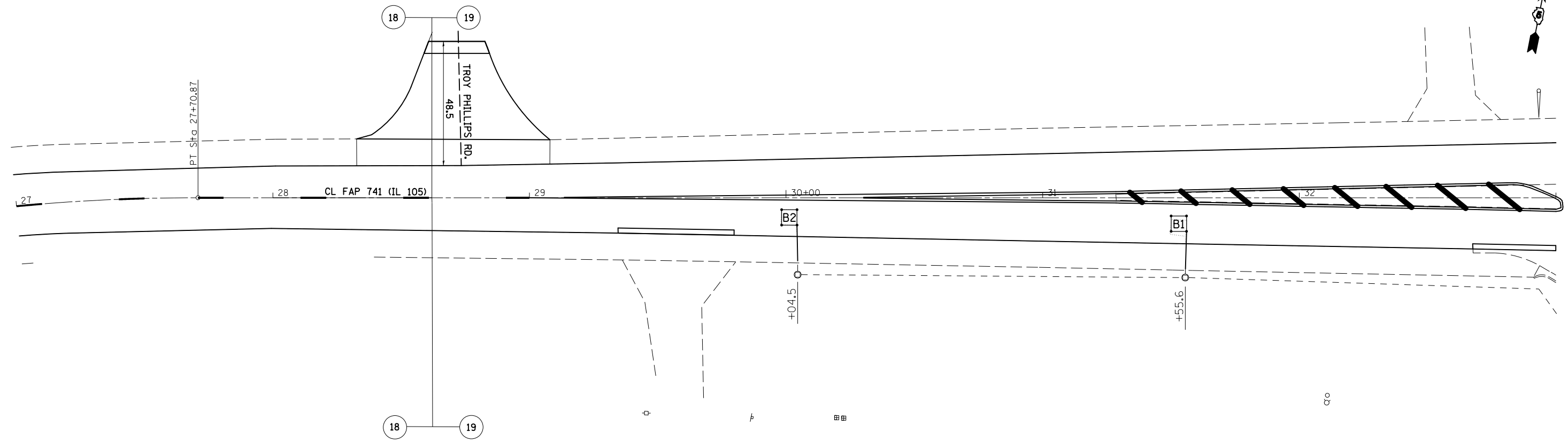
SCALE: SHEET NO. 10 OF 15 SHEETS STA. 997+00 TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	48
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

SEC. 6 - T18N - R6E - 3RD PM



SEC. 6 - T18N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

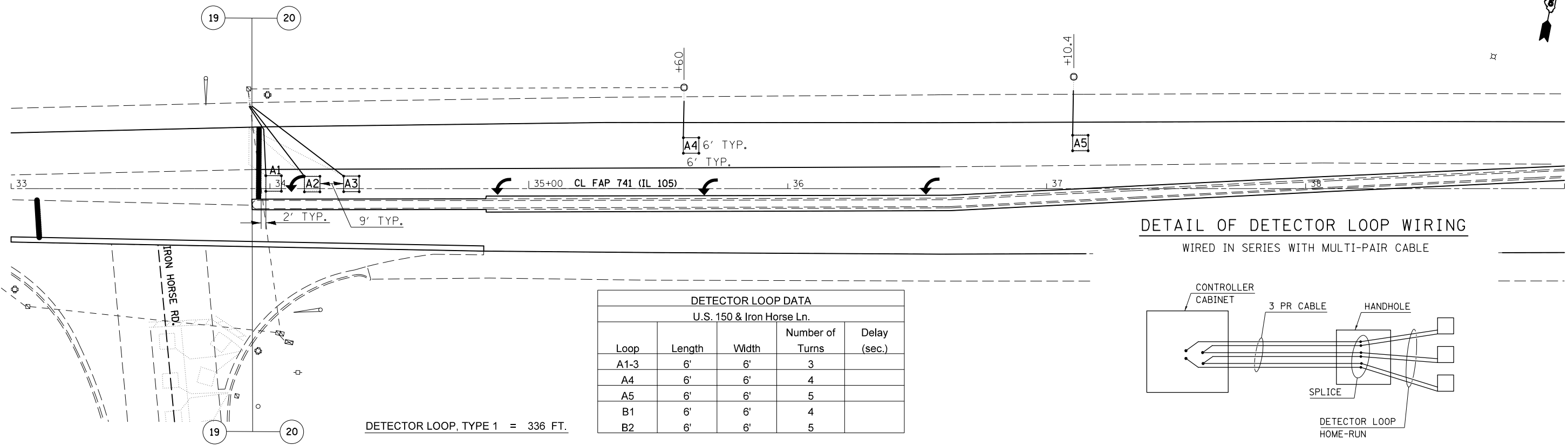
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 11 OF 15 SHEETS STA. 21+00 TO STA. 33+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	49
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

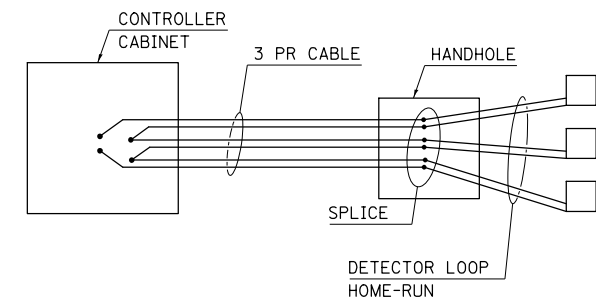
SEC. 6 - T18N - R6E - 3RD PM



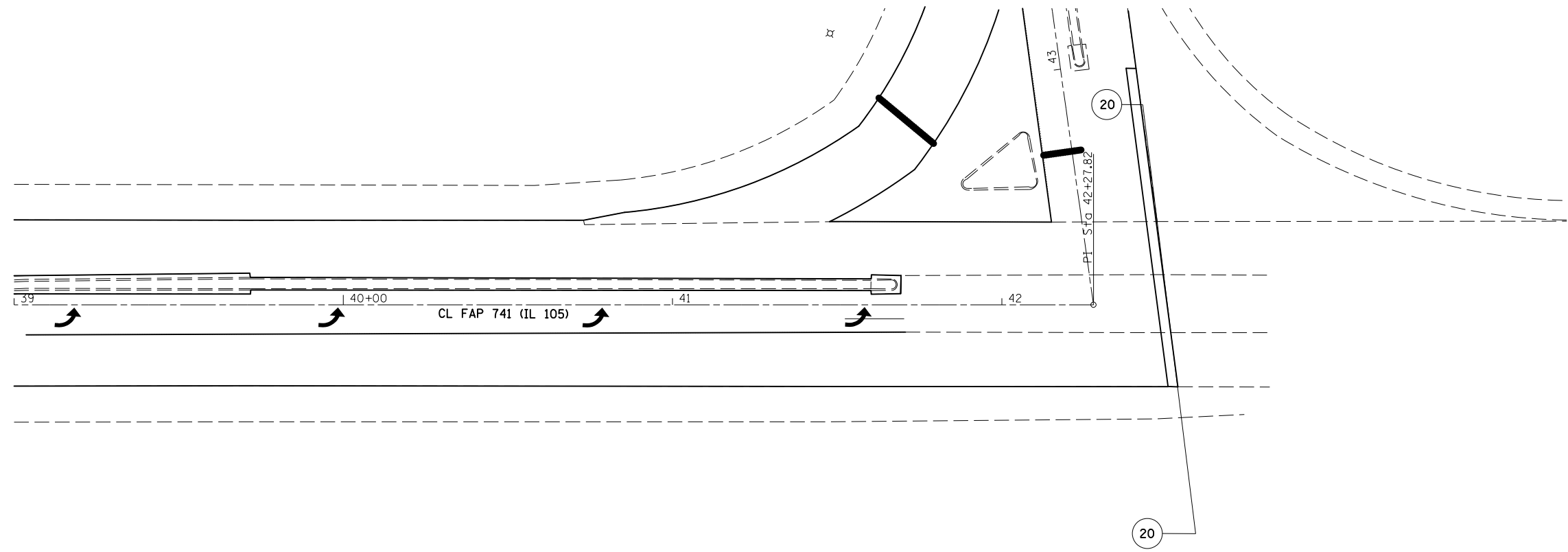
DETECTOR LOOP DATA				
U.S. 150 & Iron Horse Ln.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3	6'	6'	3	
A4	6'	6'	4	
A5	6'	6'	5	
B1	6'	6'	4	
B2	6'	6'	5	

DETAIL OF DETECTOR LOOP WIRING

WIRED IN SERIES WITH MULTI-PAIR CABLE



SEC. 6 - T18N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

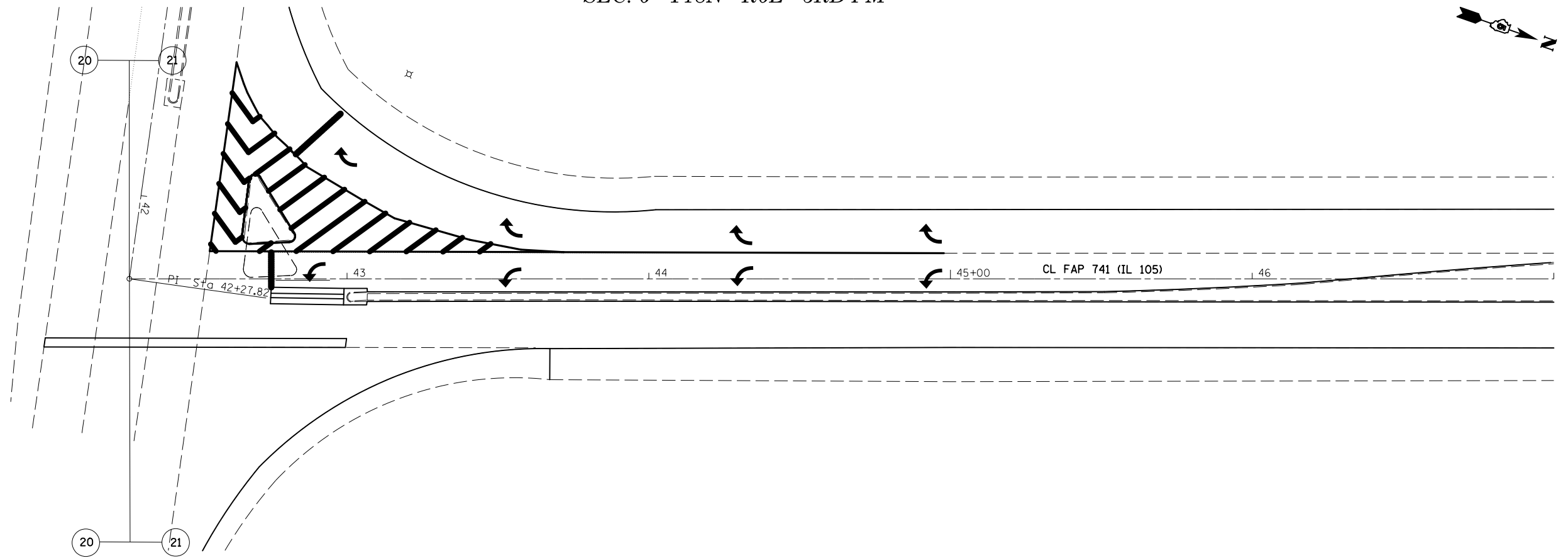
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET NO. 12 OF 15 SHEETS STA. 33+00 TO STA. 42+27.82

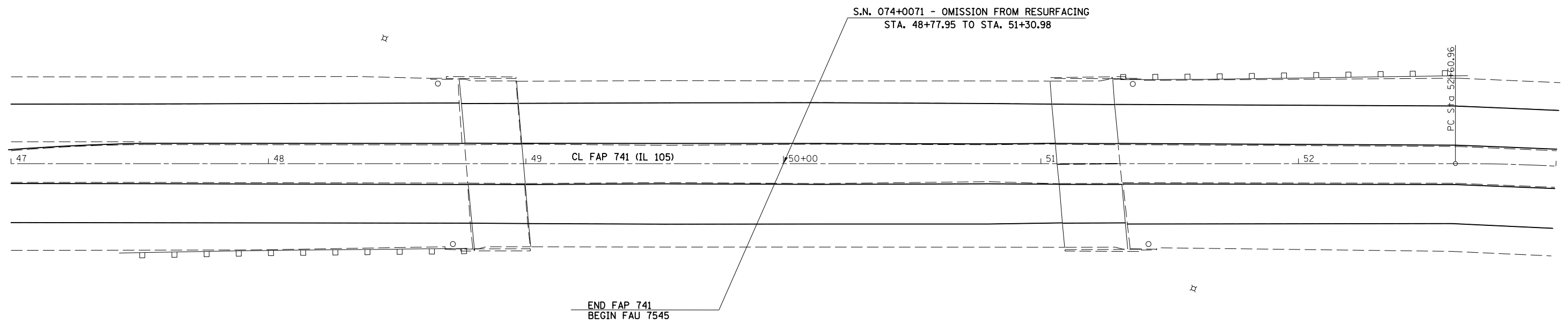
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Plg++	63	50
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

SEC. 6 - T18N - R6E - 3RD PM



SEC. 6 - T18N - R6E - 3RD PM

SEC. 31 - T19N - R6E - 3RD PM

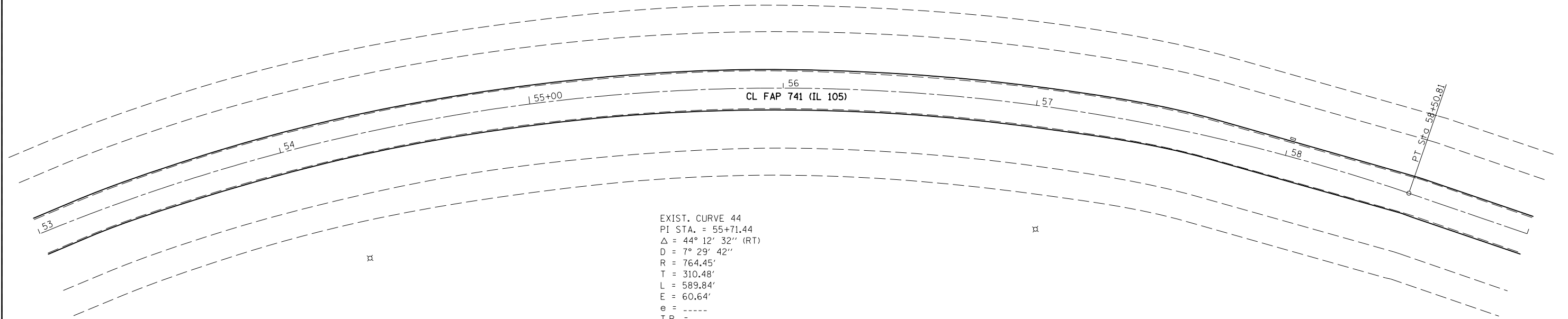


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\ceerlockjd\0388189\03	70843-shl-dblprf_20.dgn	DRAWN -	REVISED -		741	(7,Z)RS-3	Platt	63	51	CONTRACT NO. 70843		
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO. 13 OF 15 SHEETS	STA. 42+27.82 TO STA. 53+00	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/10/2014	DATE -	REVISED -									

SEC. 31 - T19N - R6E - 3RD PM

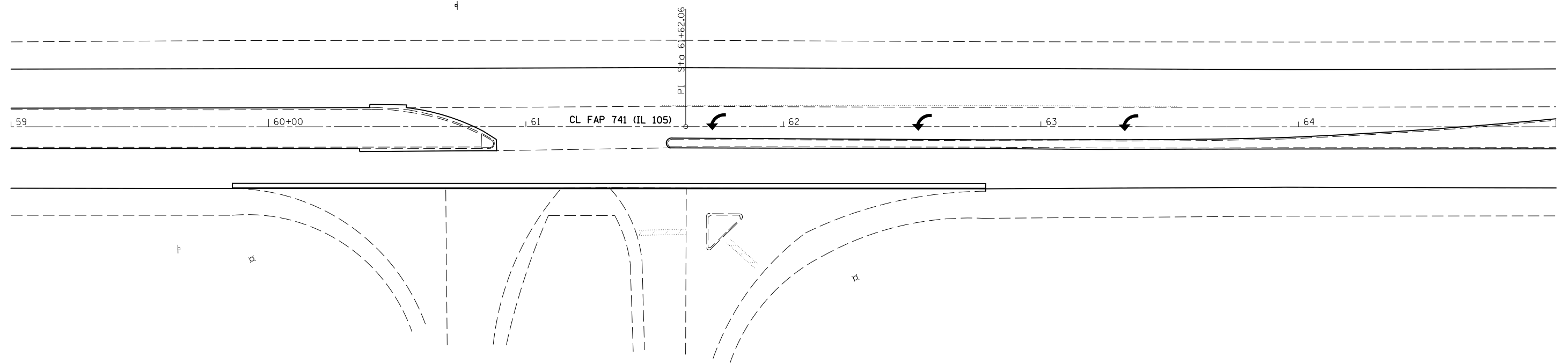


PI STA



EXIST. CURVE 44
 PI STA. = 55+71.44
 $\Delta = 44^\circ 12' 32''$ (RT)
 $D = 7^\circ 29' 42''$
 $R = 764.45'$
 $T = 310.48'$
 $L = 589.84'$
 $E = 60.64'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 52+60.96$
 $P.T. \text{ STA.} = 58+50.81$

SEC. 31 - T19N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pw\work\p\dot\ceerlockjd\0388189\03	70843-shl-dblprf_20.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

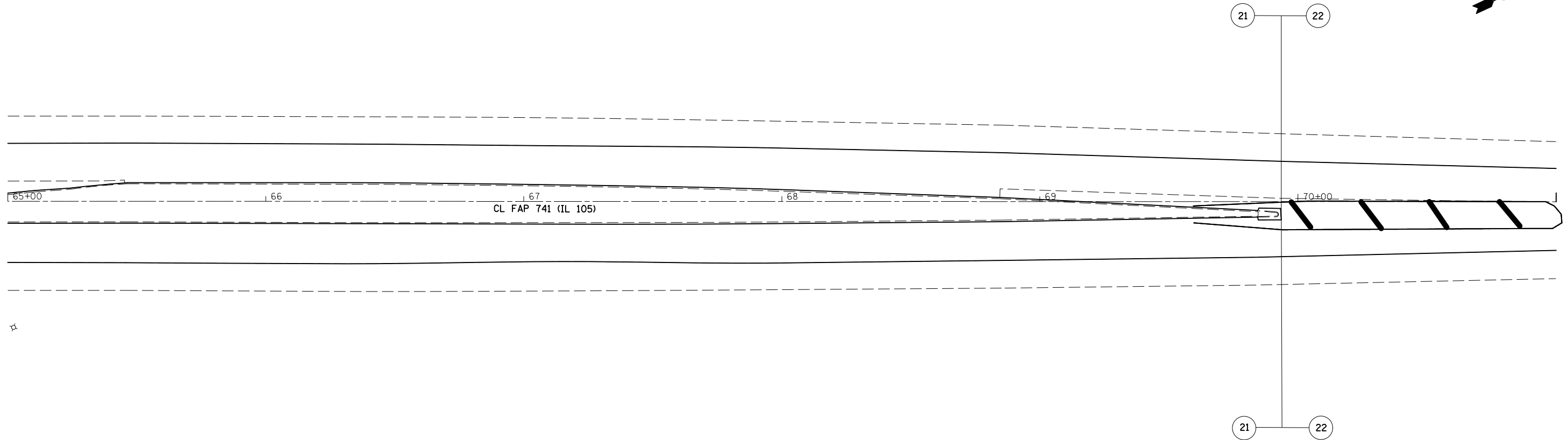
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

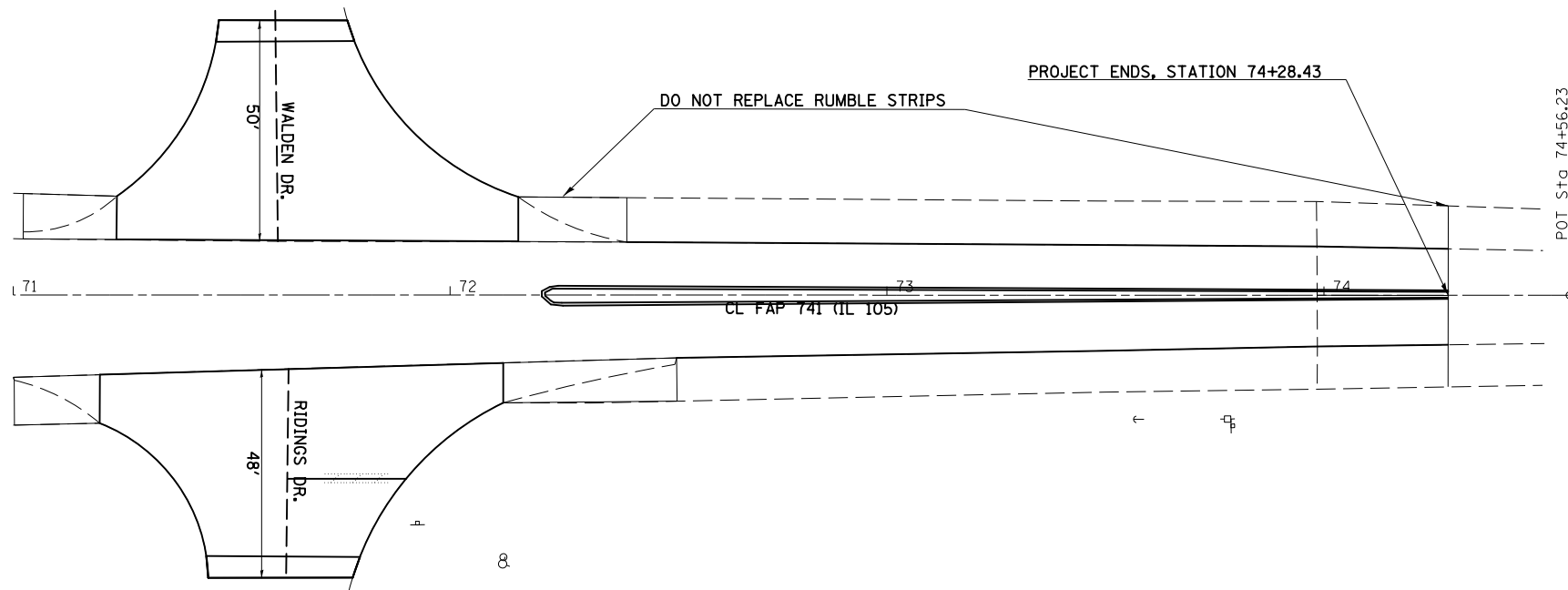
SCALE: SHEET NO. 14 OF 15 SHEETS STA. 53+00 TO STA. 65+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	52
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

SEC. 31 - T19N - R6E - 3RD PM



SEC. 31 - T19N - R6E - 3RD PM



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

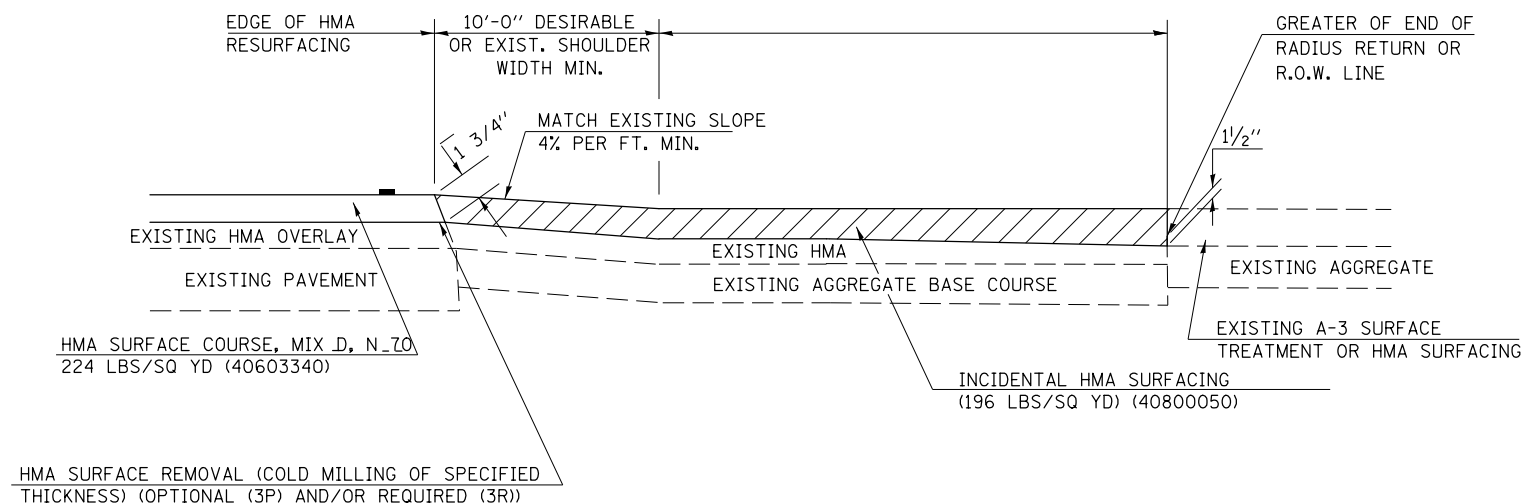
PLAN SHEET

SCALE: SHEET NO. 15 OF 15 SHEETS STA. 65+00 TO STA. 74+28.43

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	Platt	63	53
CONTRACT NO. 70843			ILLINOIS FED. AID PROJECT	

PROJECTS WITHOUT RECONSTRUCTION

"3P" OR "3R" IMPROVEMENTS SECTION A-A

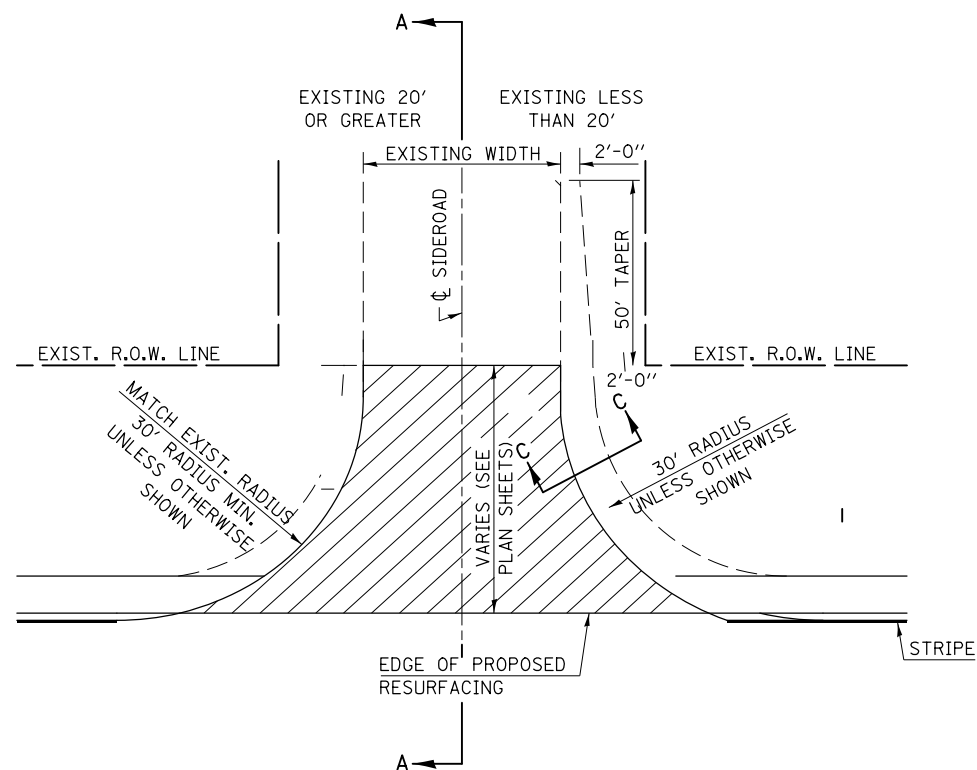


GENERAL NOTES

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.

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

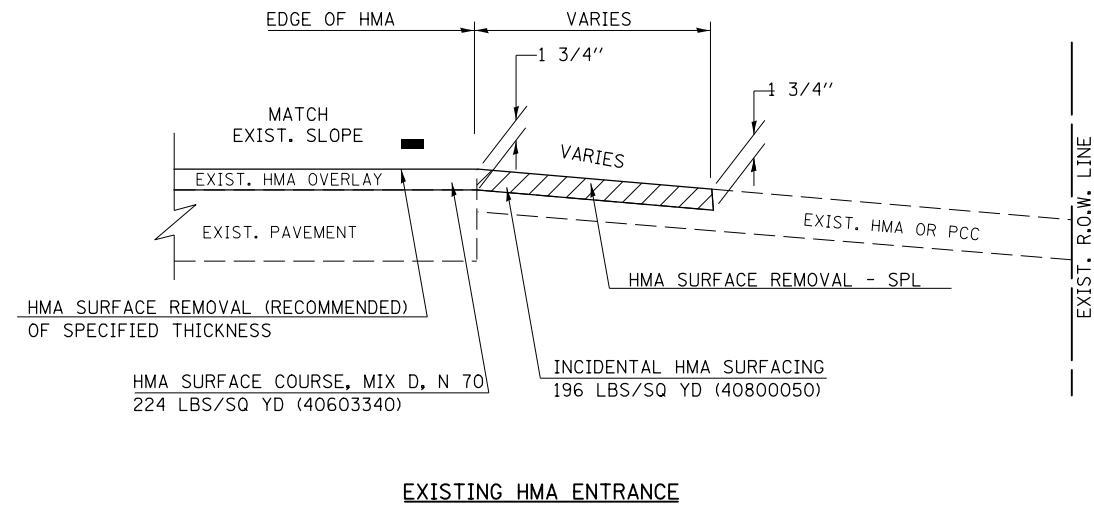
PROJECTS WITH RECONSTRUCTION



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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 12/13/06 TJB	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEROADS & SIDESTREETS (RURAL)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\ceerlockjd\0388189\03	70843-sht-details.dgn	DRAWN -	REVISED - 09/21/07 KAG				741	(7,ZRS-3	PIATT	63	54
	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED - 12/21/09 KJI		CONTRACT NO. 70843						
	PLOT DATE = 4/10/2014	DATE -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _ [ILLINOIS] FED. AID PROJECT			

PROJECTS WITHOUT RECONSTRUCTION



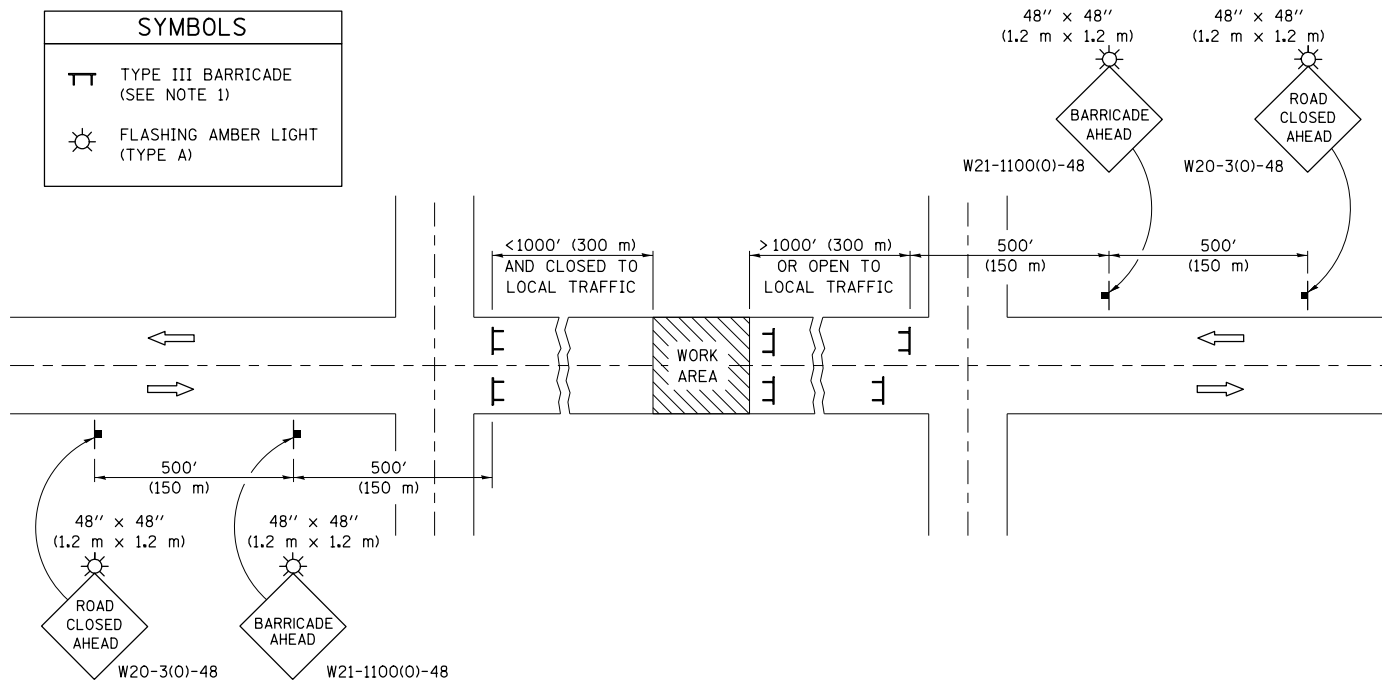
Note: All dimensions are in INCHES
(millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - ____	REVISED - 12/08/06 TJB	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\work\pwork\ceerlockjd\0388189\03	70843-sht-details.dgn	DRAWN - ____	REVISED - 09/21/07 KAG			741	(7,Z)RS-3	PIATT	63	55	
	PLOT SCALE = 800.0000' / in.	CHECKED - ____	REVISED - 05/02/08_KJI			CONTRACT NO. 70843					
	PLOT DATE = 4/10/2014	DATE - ____	REVISED - 04/23/10_KJI			SCALE: N/A		SHEET NO. 1 OF 1 SHEETS		STA. _____ TO STA. _____	

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

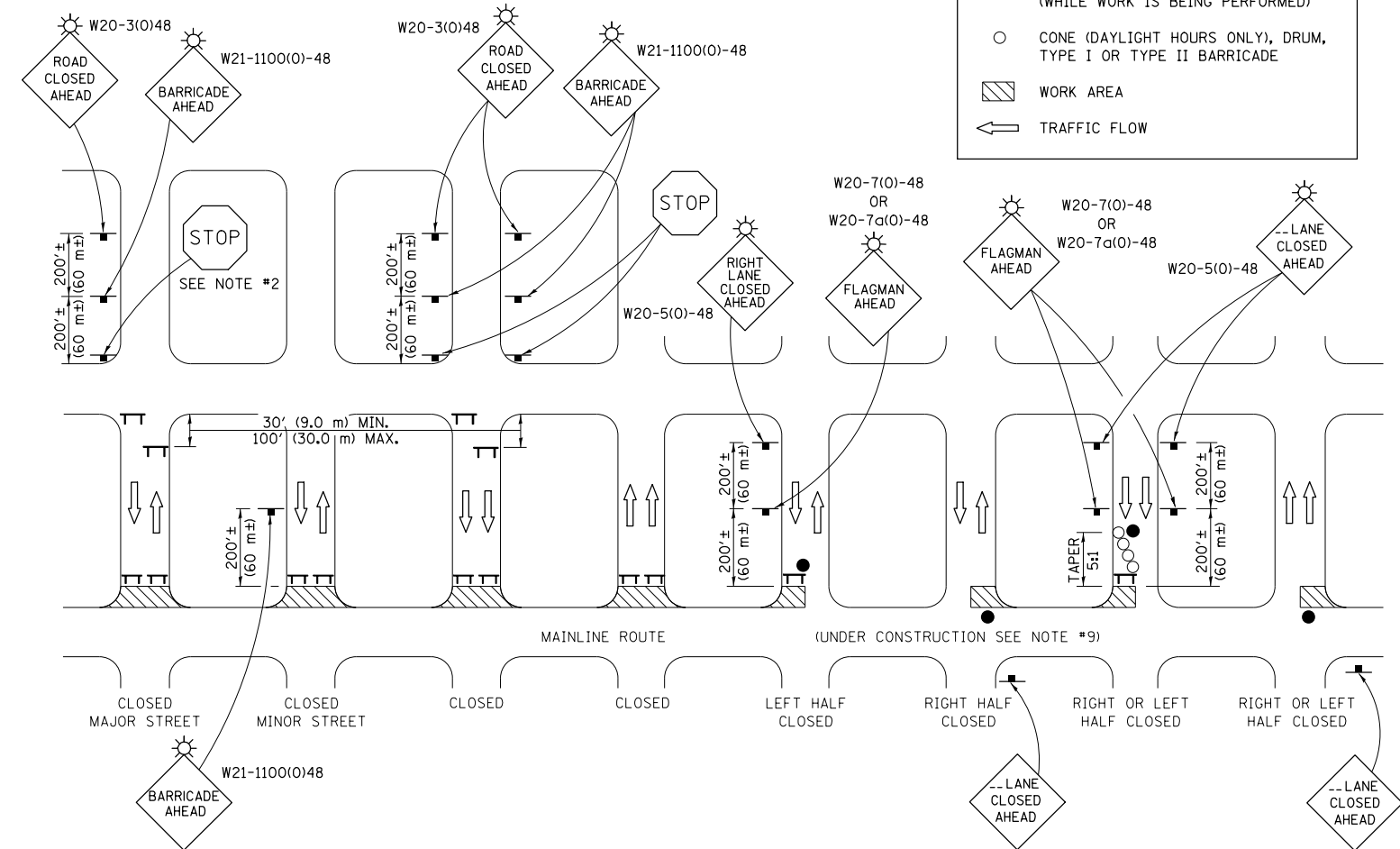
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 4/10/2014	DATE -	REVISED -

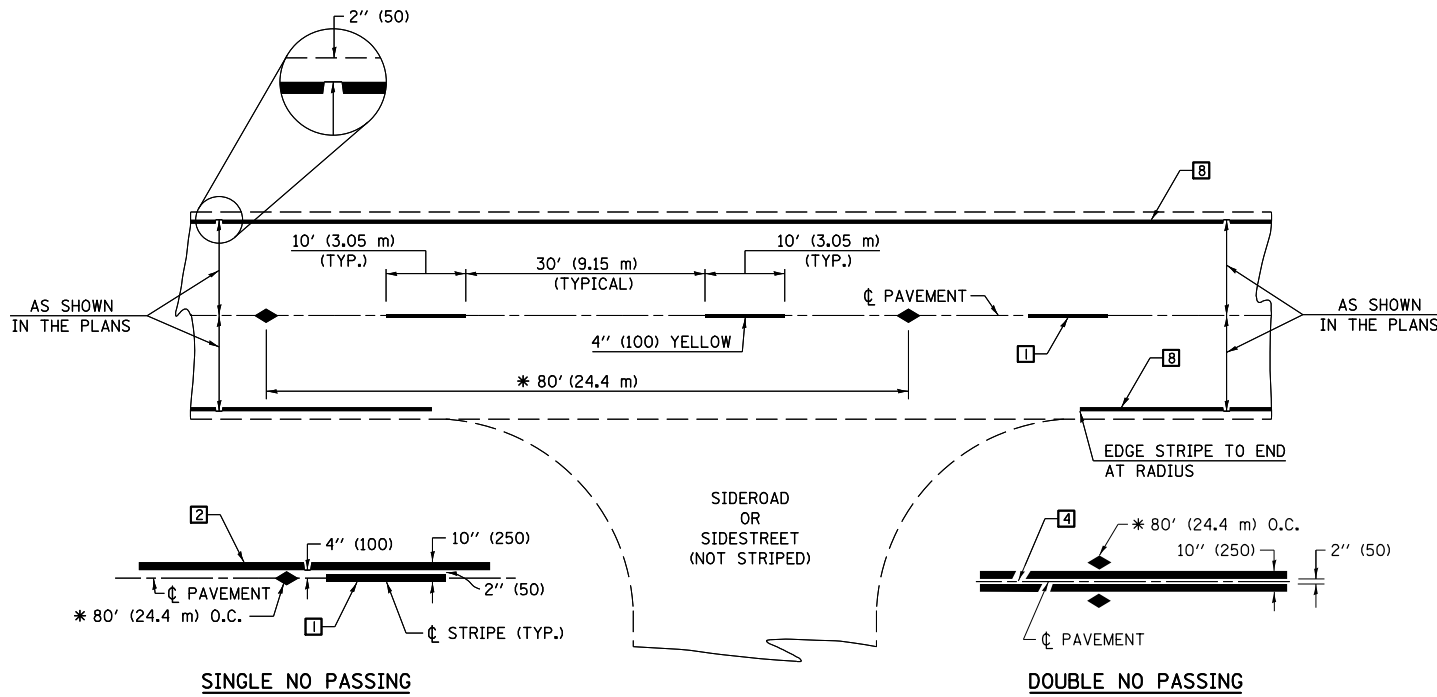
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

DISTRICT 5 DETAIL NO. 7020000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	PIATT	63	56
				CONTRACT NO. 70843
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



* 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

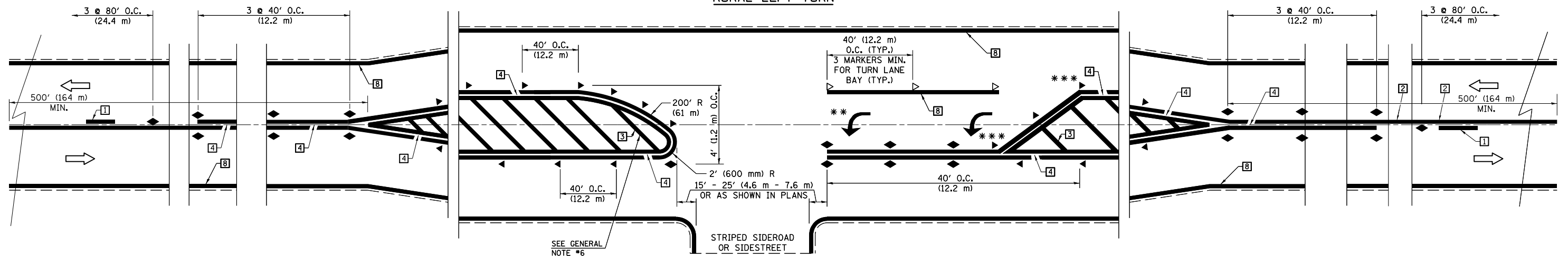
TYPICAL PAVEMENT MARKING LEGEND

- 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. 7800AAA

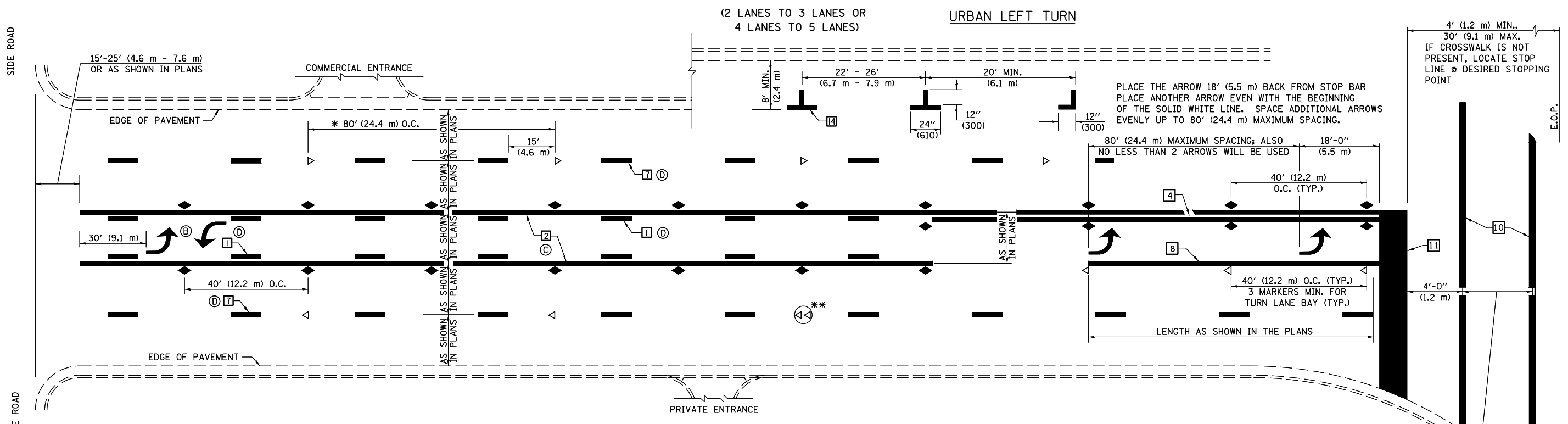
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ei:\pwork\pwork\ceerlockjd\0388189\0370843-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

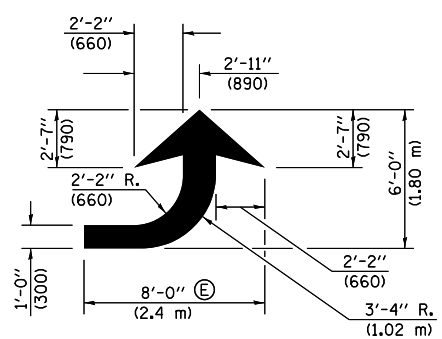
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZRS-3	PIATT	63	57
CONTRACT NO. 70843				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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

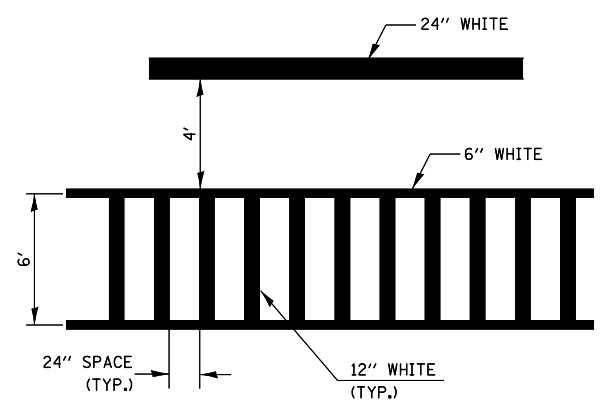
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

BLOOMINGTON-NORMAL CITY LIMITS ONLY

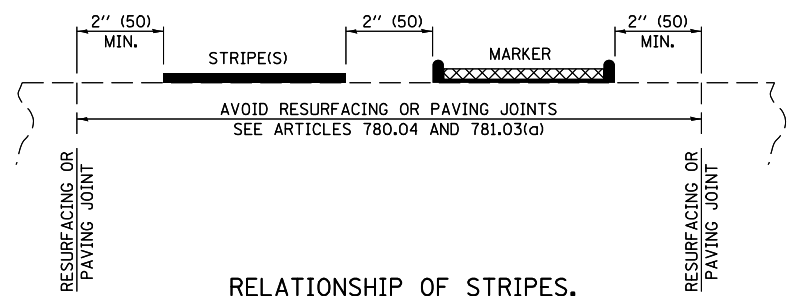


LEFT ARROW

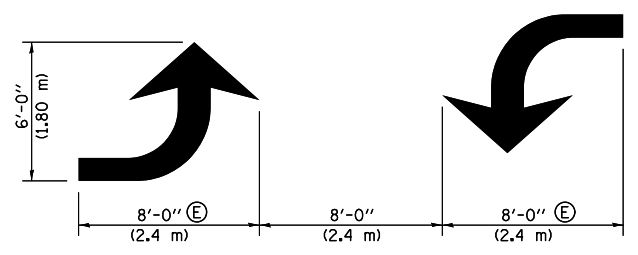
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



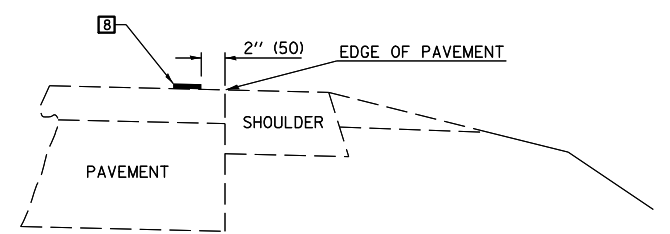
TYPICAL SPACING FOR CROSSWALKS & STOP BARS



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

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)

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

DISTRICT 5 DETAIL NO. 7800AAA

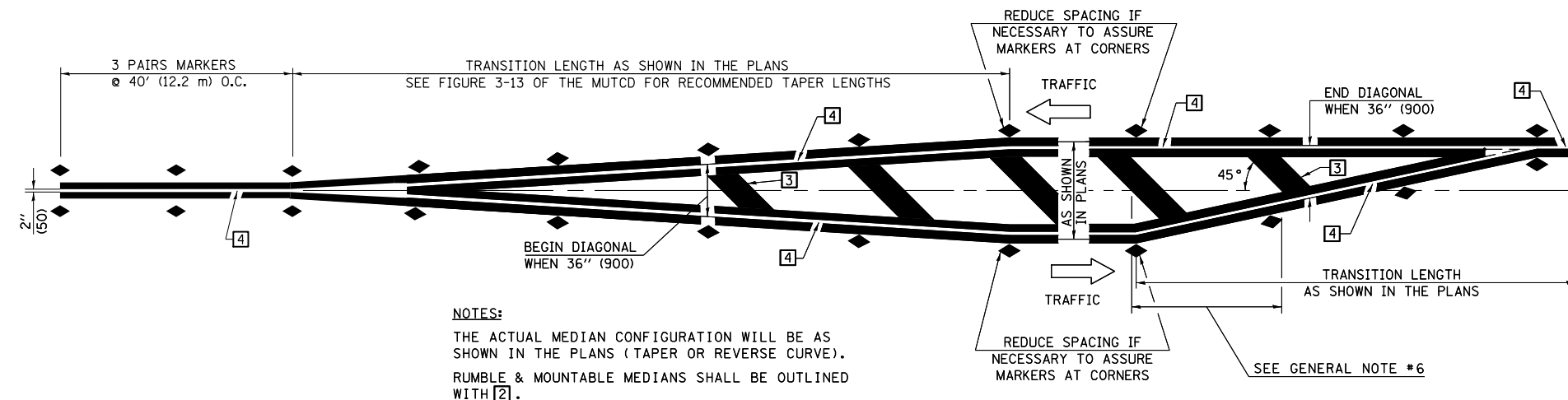
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	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,Z)RS-3	PIATT	63	58
CONTRACT NO. 70843				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET NO. 2_ OF 4_ SHEETS STA. _____ TO STA. _____

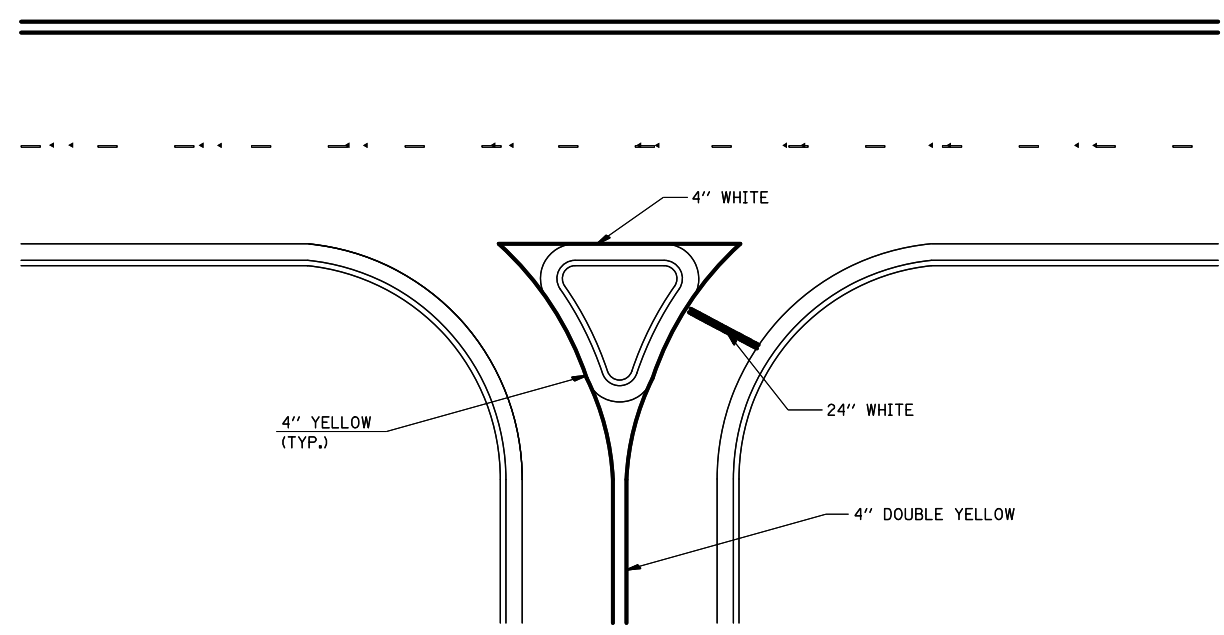


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

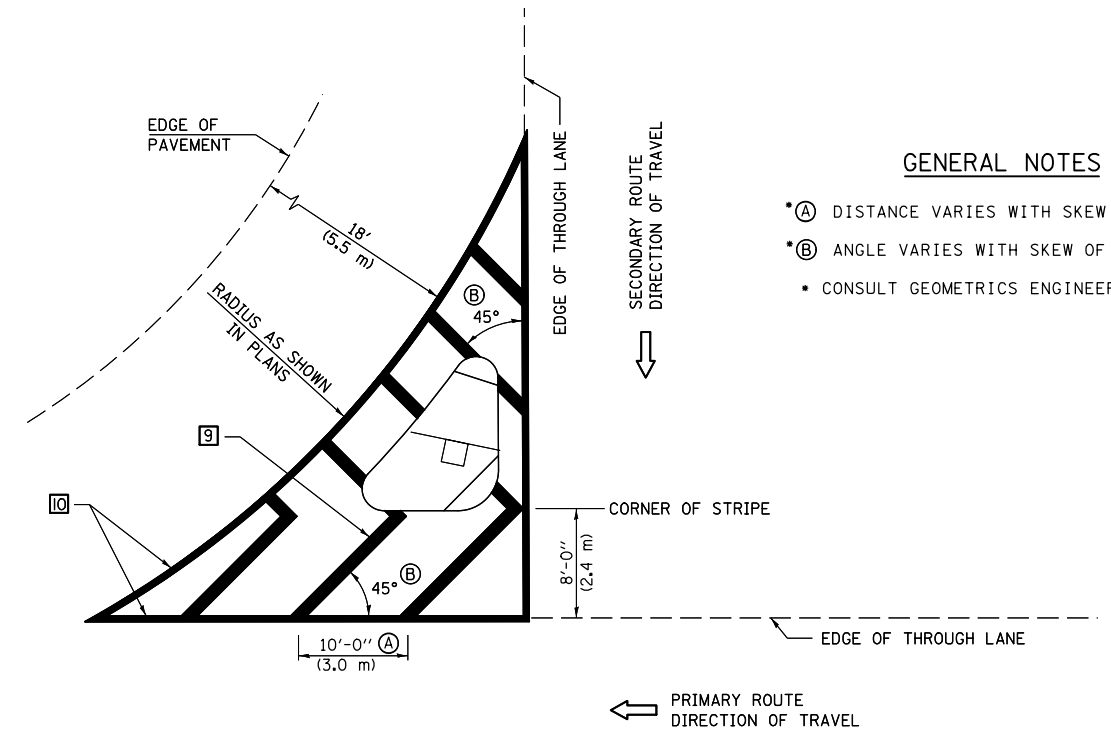
TYPICAL MEDIAN TRANSITIONS

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

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\idot\ceerlockjd\0388189\03	70843-sht-details.dgn	DRAWN -	REVISED - 09/2008 - KJI
	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

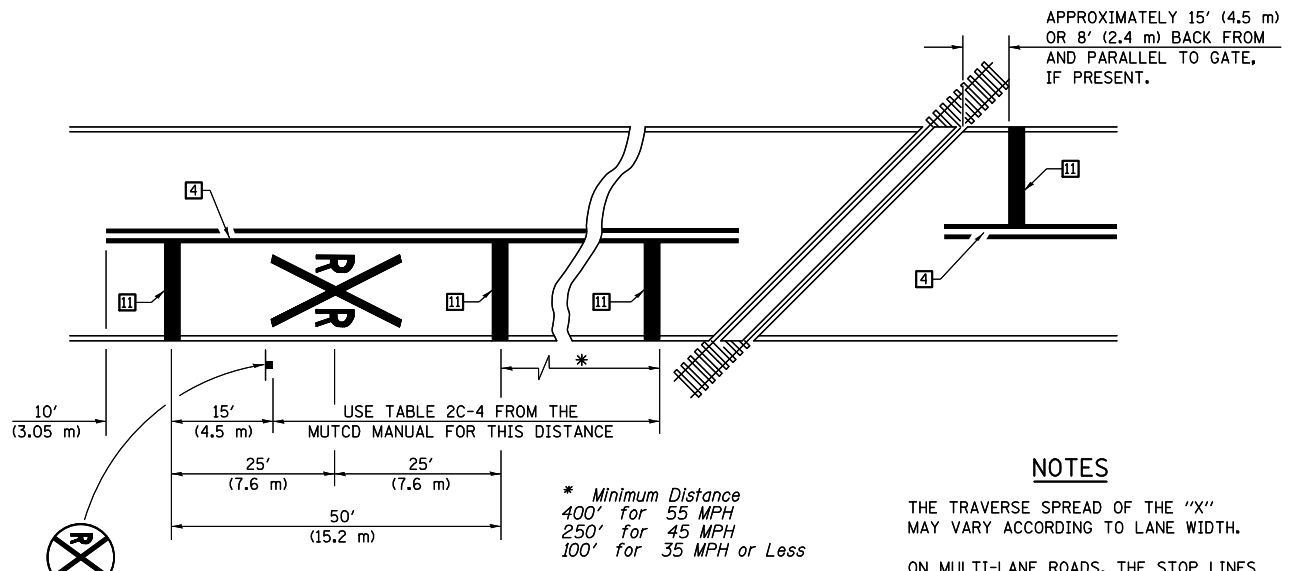
**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

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

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZRS-3)	PIATT	63	59
CONTRACT NO. 70843				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

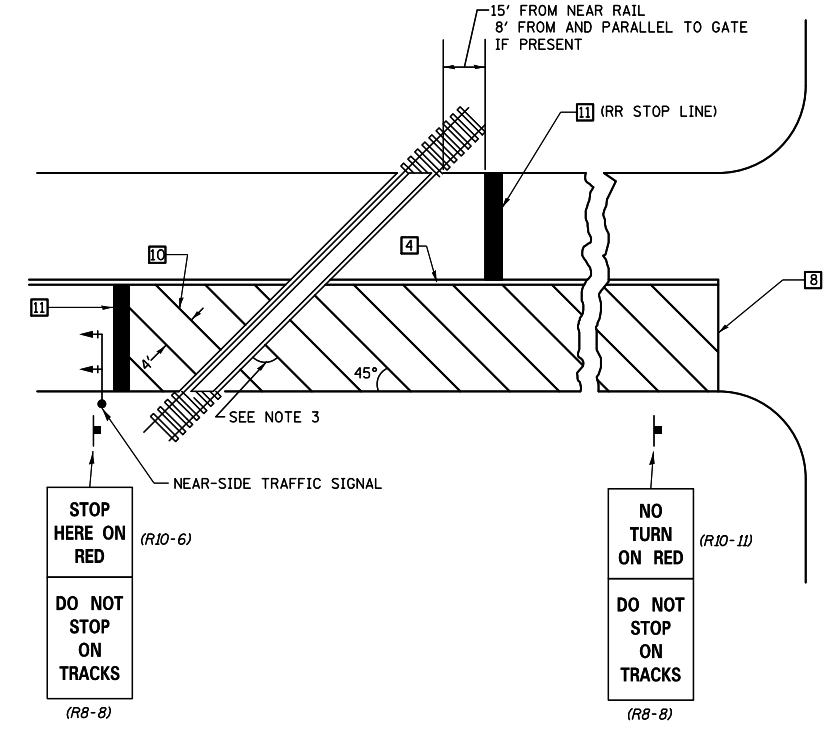
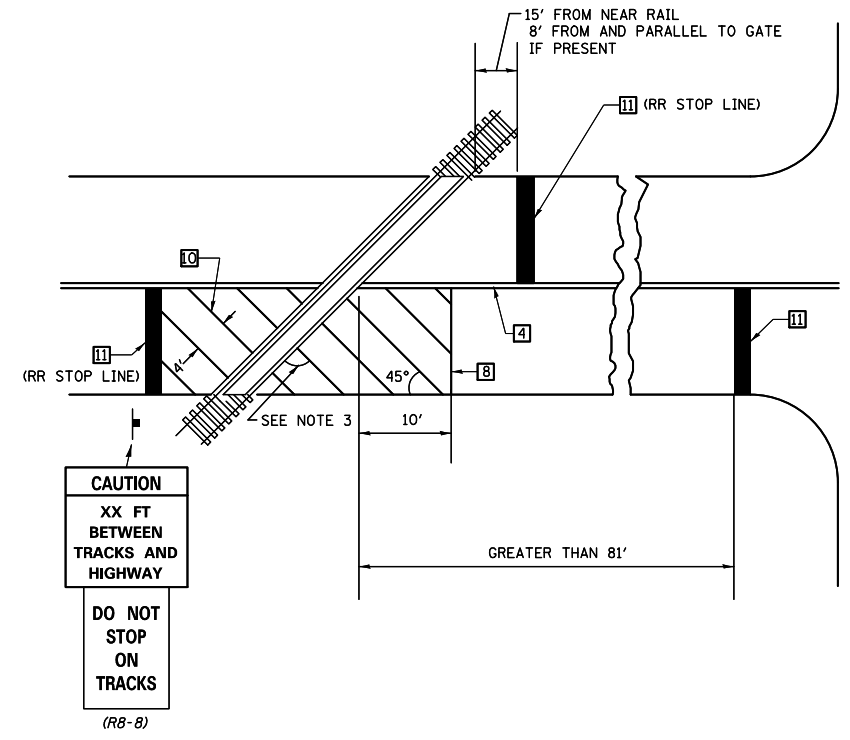
NOTES

APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

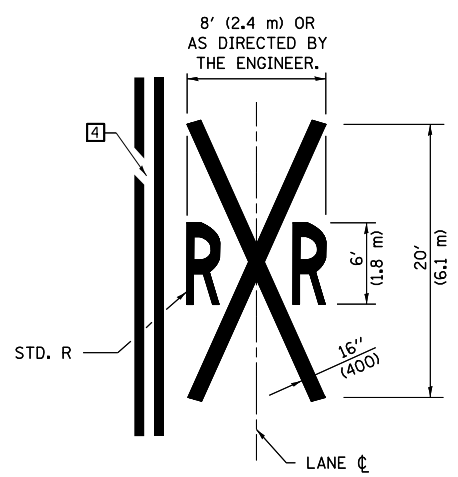
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ce:\pw\work\p1dot\ceerlockjd\0388189\03	70843-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJI
	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

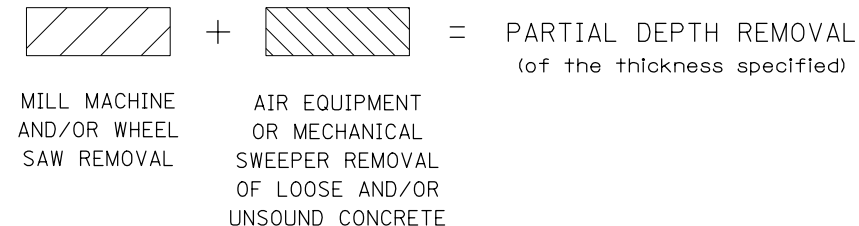
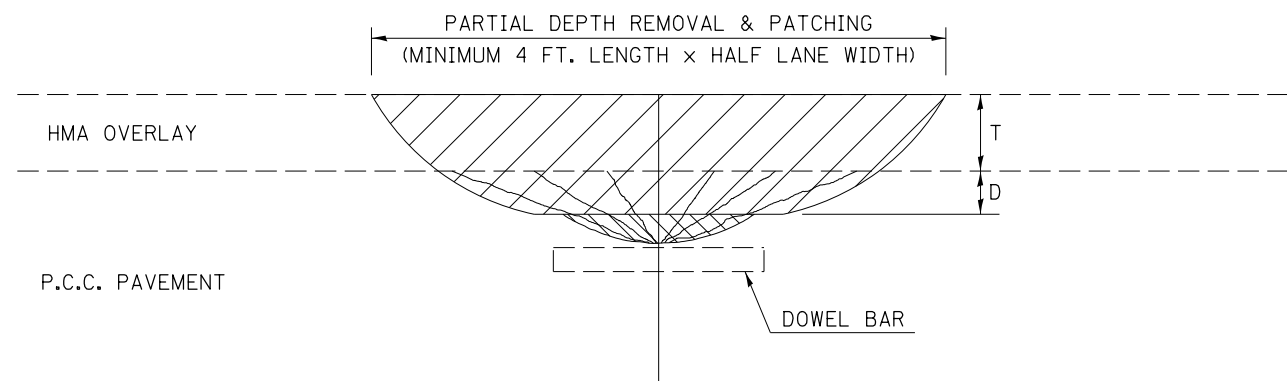
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: _____ SHEET NO. 4_ OF 4_ SHEETS STA. _____ TO STA. _____

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZIRS-3	PIATT	63	60
CONTRACT NO. 70843				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

RESURFACED PCC PAVEMENT



GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

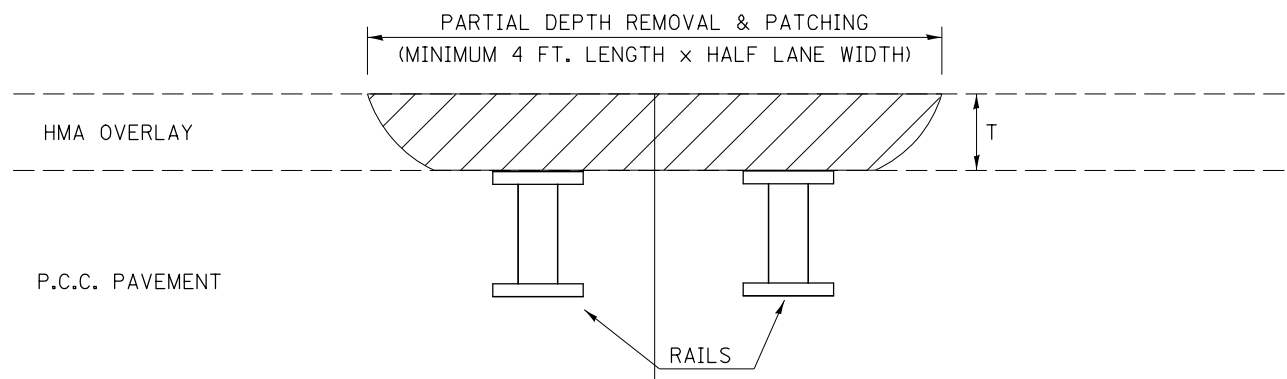
HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

* AT STATIONS INDICATED ON THE PLANS, THERE WILL BE NO REMOVAL OF THE PC CONCRETE.

RESURFACED PCC PAVEMENT
STA. 507+00 TO STA. 524+85 *



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

DISTRICT 5 DETAIL NO. XX442100

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISD - 11/06
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	PLOT DATE = 4/10/2014	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

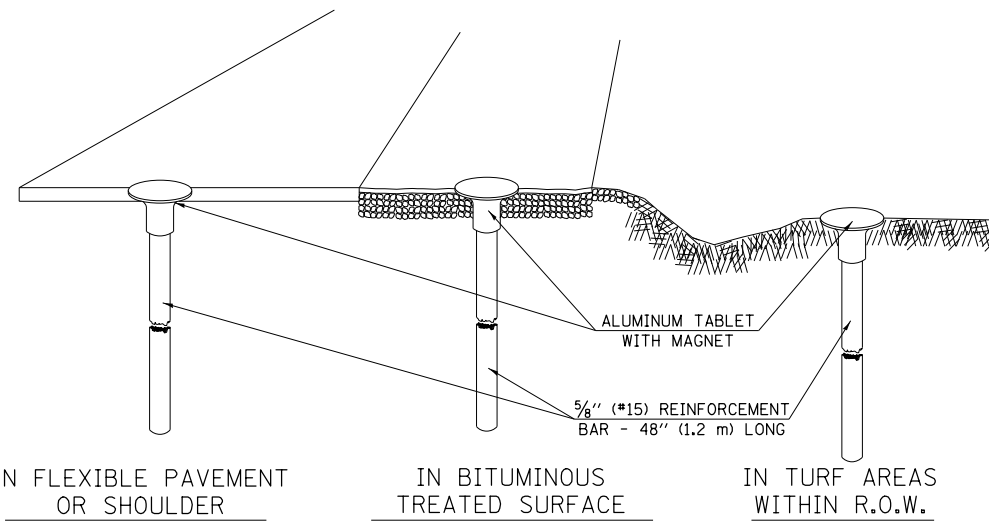
PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7,ZIRS-3	PIATT	63	61
CONTRACT NO. 70843				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

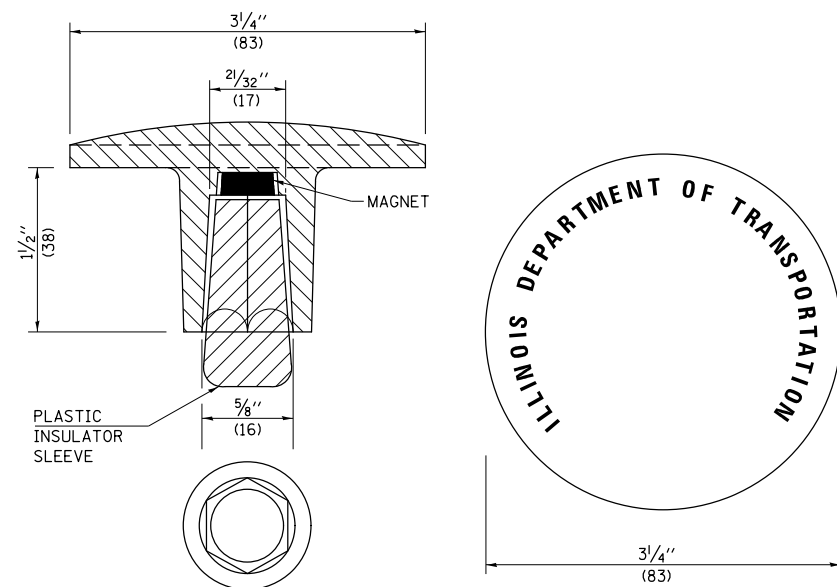
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



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 $\pm 1/4"$ (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. $3/4"$ (83 mm) CONVEX SURVEY CAP FOR $5/8"$ (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 $1 1/2"$ (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.

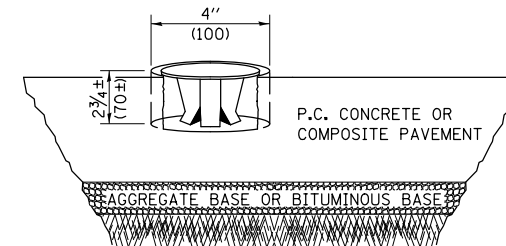
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE $5/8"$ (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR $5/8"$ (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

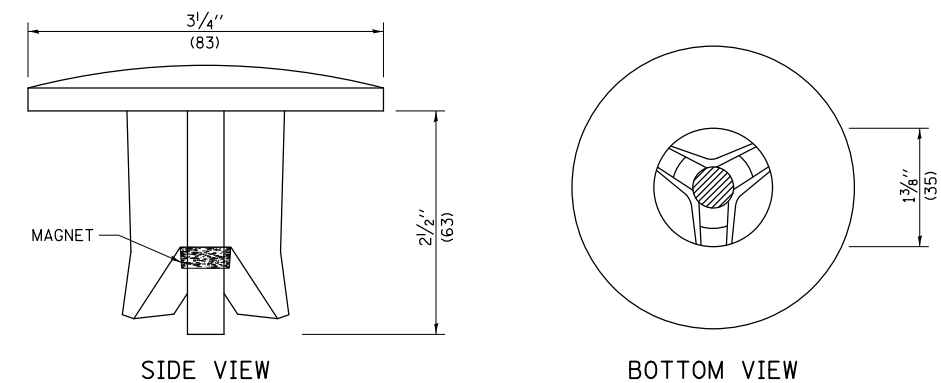
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



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 $3/4"$ (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 $2 1/2"$ (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.



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

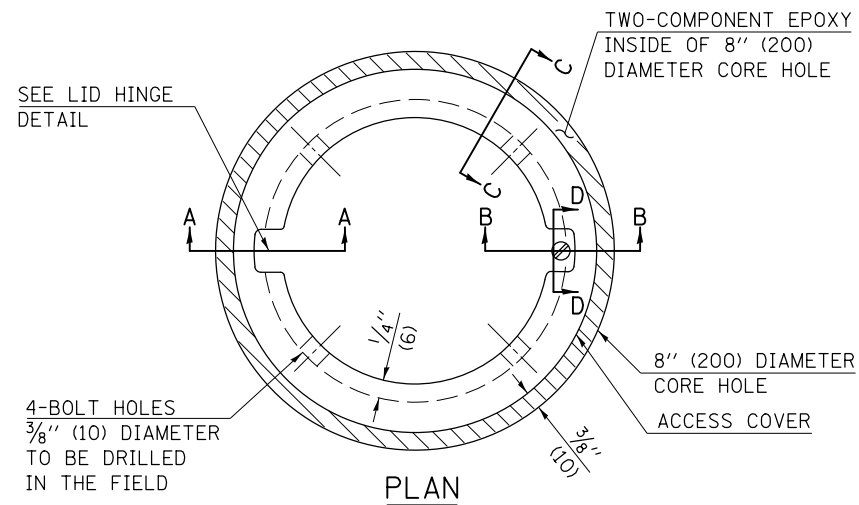
GENERAL NOTES

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 $\pm 1/4"$ (6 mm) BELOW THE FINAL SURFACE.

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

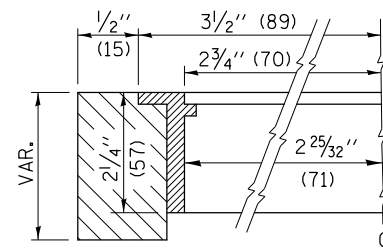
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\pmdot\ceerlockjd\0388189\0370843-sht-details.dgn	PLOT SCALE = 800.0000' / in.	DRAWN -	REVISED - 11/10			741	(7,Z)RS-3	PIATT	63	62	
	PLOT DATE = 4/10/2014	CHECKED -	REVISED -			CONTRACT NO. 70843					
		DATE -	REVISED -			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)

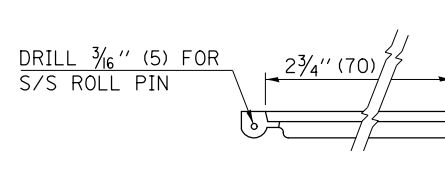


LEGEND

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

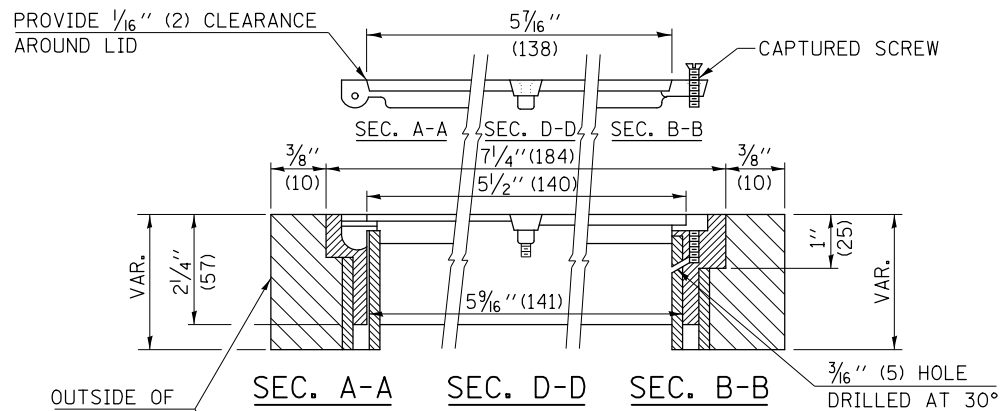


SECTION C-C



LID HINGE DETAIL

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; Q0-A-601Es. NO EXCEPTIONS.



ELEVATION

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.

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\id\ceerlockjd\0388189\03	70843-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 800.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

DISTRICT 5 DETAIL NO. Z0070100			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
741	(7,ZRS-3	PIATT	63
			SHEET NO. 63
CONTRACT NO. 70843			
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			