

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 808 (US 150 /US 45)
SECTION (28Z)RS-5

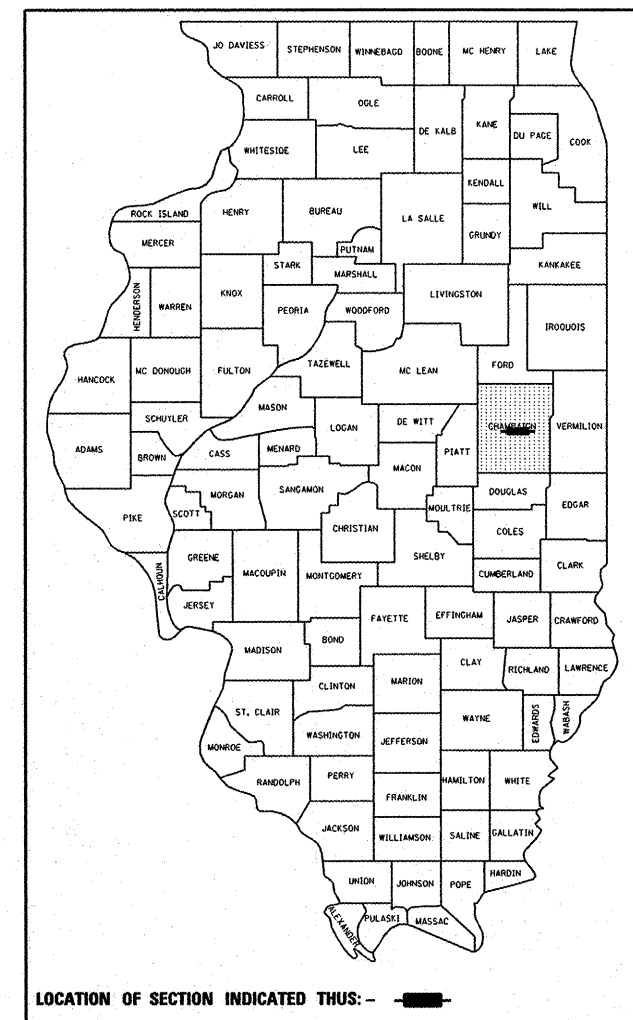
CHAMPAIGN COUNTY

C-95-113-00

RESURFACING (3P) ON UNIVERSITY AVENUE FROM
WRIGHT STREET TO EAST OF RACE STREET IN URBANA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	1
		ILLINOIS	CONTRACT NO. 70121	

D-95-051-00



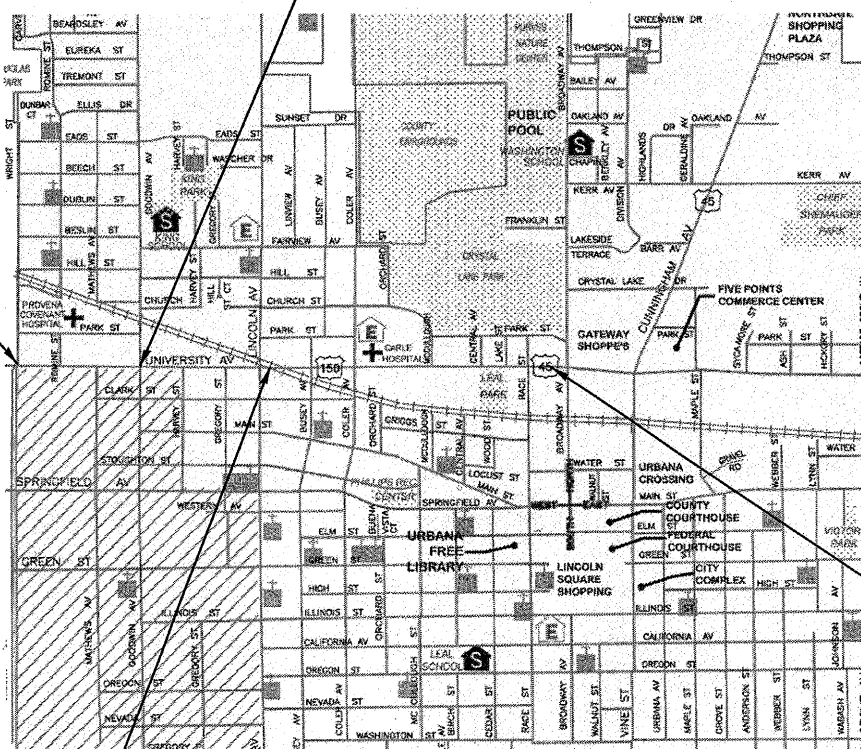
LOCATION OF SECTION INDICATED THUS: - [shaded box] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

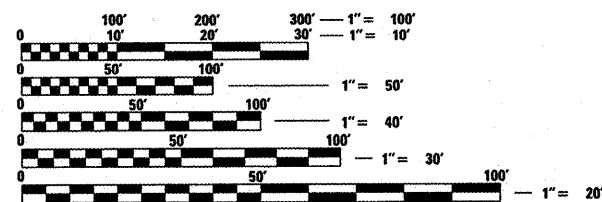
CURRENT ADT:
23,100 (2009)

STATION EQUATION:
STA. 108+58.91 (BK) =
STA. 108+57.28 (AH)

SECTION (28Z)RS-5
BEGIN STATION 92+58.00



SECTION (28Z)RS-5
END STATION 152+50.42



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

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

PROJECT ENGINEER: KEVIN TRAPP (217-465-4181)
PROJECT DESIGNER: DANA HENNESS
SQUAD LEADER: MICHAEL LEROY

CONTRACT NO. 70121

RAILROAD OMISSION:
STA. 121+80.94 TO
STA. 122+06.90

GROSS LENGTH = 5,994.05 FT. = 1.135 MILES
NET LENGTH = 5,968.09 FT. = 1.130 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 12/11 20 09

James E. Adams
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 2010
Scott E. Still
acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥45 MPH
701602-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

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.-107.12

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MRS. KATHY MILES
DIVISION OFFICE MANAGER - ILLINOIS DIVISION
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL 62521
(217) 425-2042

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. DAVID NEUMANN
NORFOLK SOUTHERN RAILWAY COMPANY
2100 WEST COLLEGE
NORMAL, IL 61761
(217) 714-2546

G.N.-107.31

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-406

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

G.N.-406.05B

ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	US 150	US 150	US 150
MIXTURE USE	POLYMER SURFACE	POLYMER LEVEL BINDER	CLASS D PATCH
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22
RAP % (MAX)	10	10	10
DESIGN AIR Voids	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 90
MIX COMP (GRADATION)	IL 9.5	IL 9.5	IL 19.0
FRICITION AGGREGATE	MIX E	MIX C	N.A.

G.N.-408B

THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED, AT THE FOLLOWING LOCATIONS:

RT. STATION 94+79.27 (WRIGHT STREET)
LT. STATION 108+58.01 (GOODWIN AVENUE)
RT. STATION 108+57.30 (GOODWIN AVENUE)
LT. STATION 121+61.52 (LINCOLN AVENUE)
RT. STATION 121+61.70 (LINCOLN AVENUE)
LT. STATION 150+49.83 (RACE STREET)
RT. STATION 150+50.89 (RACE STREET)

G.N.-440 (SPECIAL)

SPECIAL ATTENTION IS DIRECTED TO THE LAST SENTENCE OF ARTICLE 440.04 WHICH STATES: "MILLED PAVEMENT SHALL BE RESURFACED WITHIN TEN CALENDAR DAYS." THE CONTRACTOR SHALL SCHEDULE ACTIVITIES TO ACCOMPLISH THIS REQUIRED SPECIFICATION.

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.-886

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

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 ON THIS PROJECT.

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	3
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

LOCATION OF WORK:

FAP 808 (US 150)
 CHAMPAIGN COUNTY
 STATION 92+58.00
 TO
 STATION 152+50.42
 URBAN 5-LANE
 100% STATE
 I000

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,662.0
40600300	AGGREGATE (PRIME COAT)	TON	37.0
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	1,693.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0
40600990	TEMPORARY RAMP	SQ YD	1,428.0
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	3,076.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	572.0
40800030	AGGREGATE (PRIME COAT)	TON	6.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	477.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	16,359.0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	20,260.0
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	5,725.0
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	630.0
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	32.0
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	174.0
56109210	WATER VALVES TO BE ADJUSTED	EACH	32.0
60255500	MANHOLES TO BE ADJUSTED	EACH	37.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4.0
67100100	MOBILIZATION	L SUM	1.0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	19,209.0
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,556.0

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 808	SECTION (282)RS-5	COUNTY Champaign	TOTAL SHEETS 59	SHEET NO. 4
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

LOCATION OF WORK:

FAP 808 (US 150)
 CHAMPAIGN COUNTY
 STATION 92+58.00
 TO
 STATION 152+50.42
 URBAN 5-LANE
 100% STATE
 I000

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	17,281.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,246.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	260.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	914.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,918.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,556.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,281.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,246.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	260.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	914.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	495.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	495.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4,801.0
X0322468	GAS VALVE TO BE ADJUSTED	EACH	1.0
* X0325605	PAVEMENT MARKING GROOVING	SQ FT	21.0
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	20.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	8,516.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	6.0

* SPECIALTY ITEM

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 PLOT DATE = 12/11/2009

DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

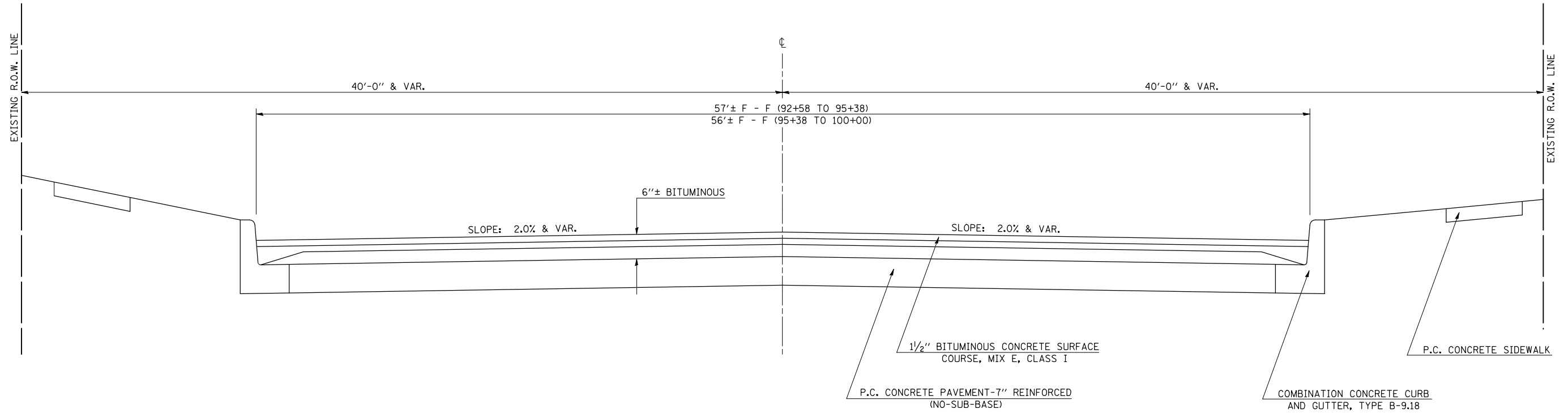
SUMMARY OF QUANTITIES

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

F.A.P. RTE. 808	SECTION (282)RS-5	COUNTY Champaign	TOTAL SHEETS 59	SHEET NO. 5
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

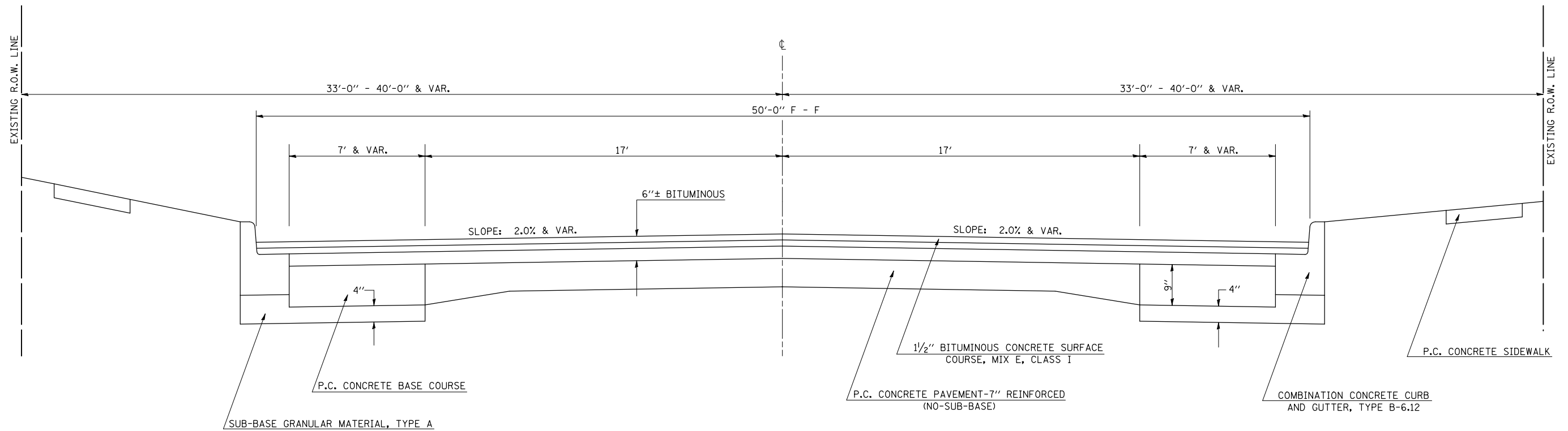
(A) EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 92+58 TO STATION 100+00 (B)



(B) EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 100+00 TO STATION 101+35 (C)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

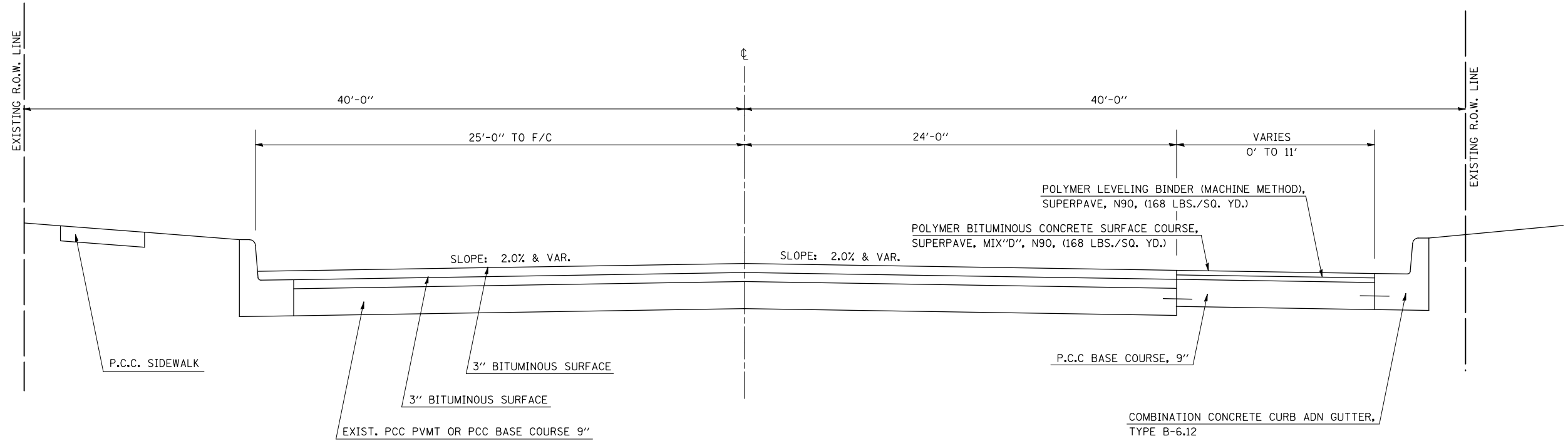
EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	6
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

Ⓒ EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

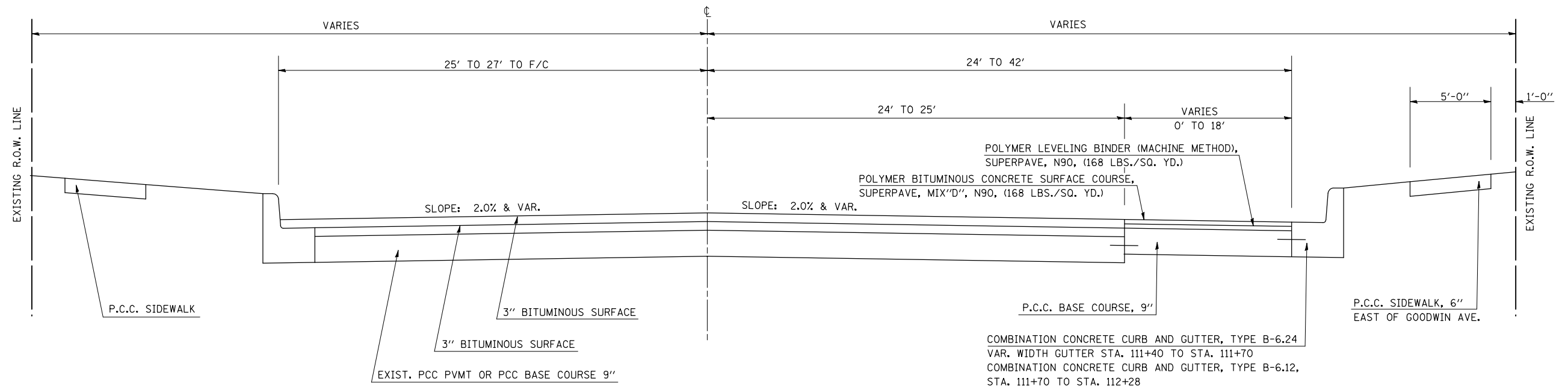
STATION 101+35 TO STATION 103+95 Ⓢ



Ⓓ EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 103+95 TO STATION 112+28 Ⓢ

STATION EQUATION : STATION 108+58.91(BK) = STATION 108+57.28(AH)



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PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

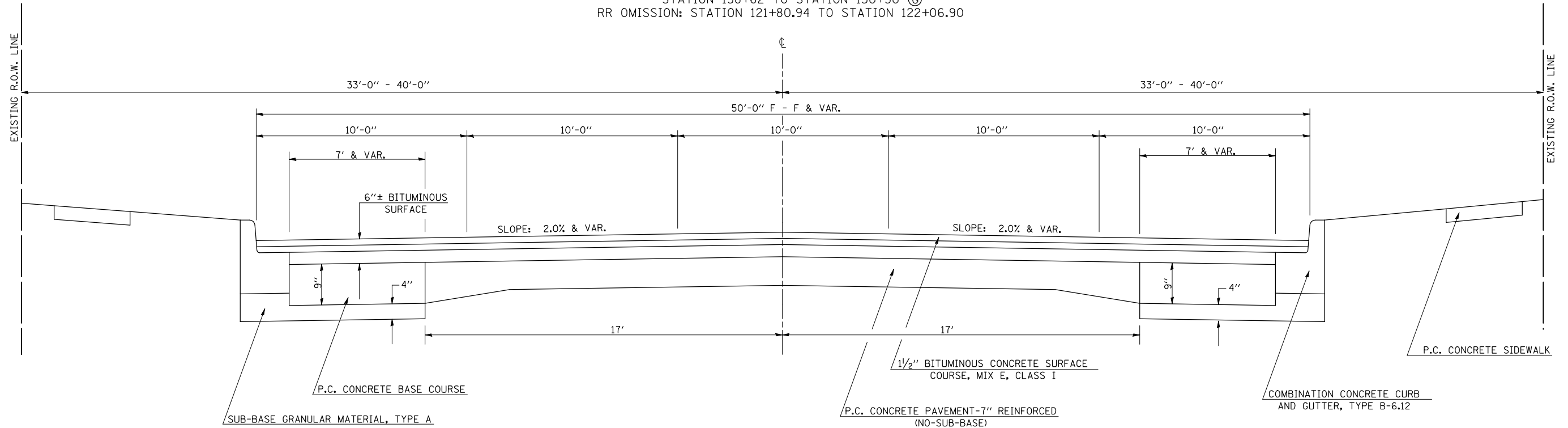
EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	7
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

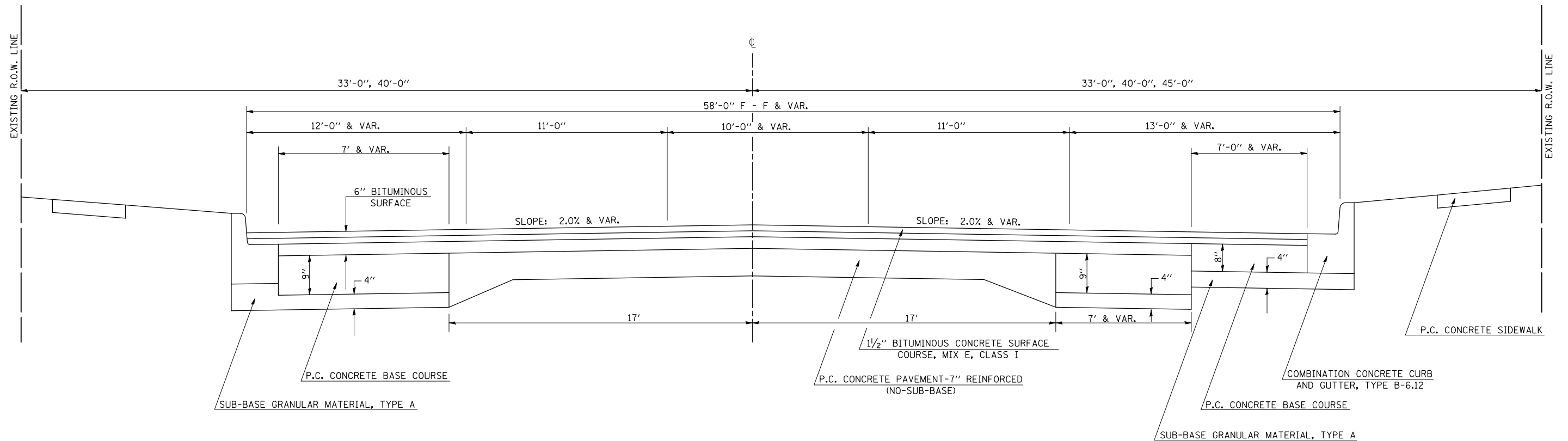
(E) EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 112+28 TO STATION 130+41 (F)
 STATION 138+62 TO STATION 150+50 (C)
 RR OMISSION: STATION 121+80.94 TO STATION 122+06.90



(F) EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

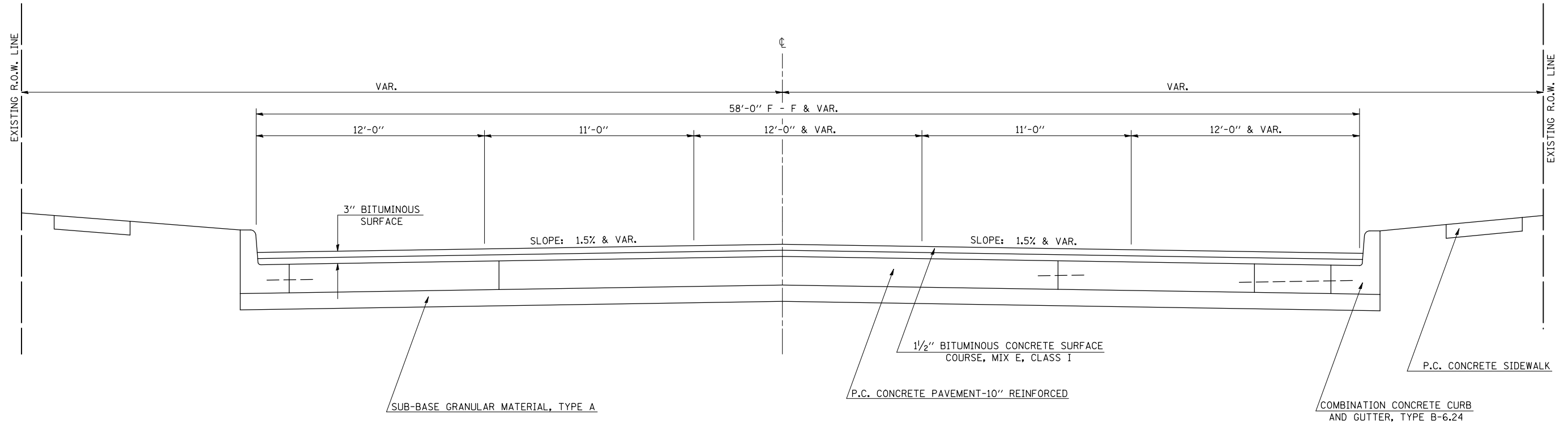
STATION 130+41 TO STATION 138+62 (E)



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/11/2009		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

G EXISTING TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 150+50.00 TO STATION 152+50.42



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

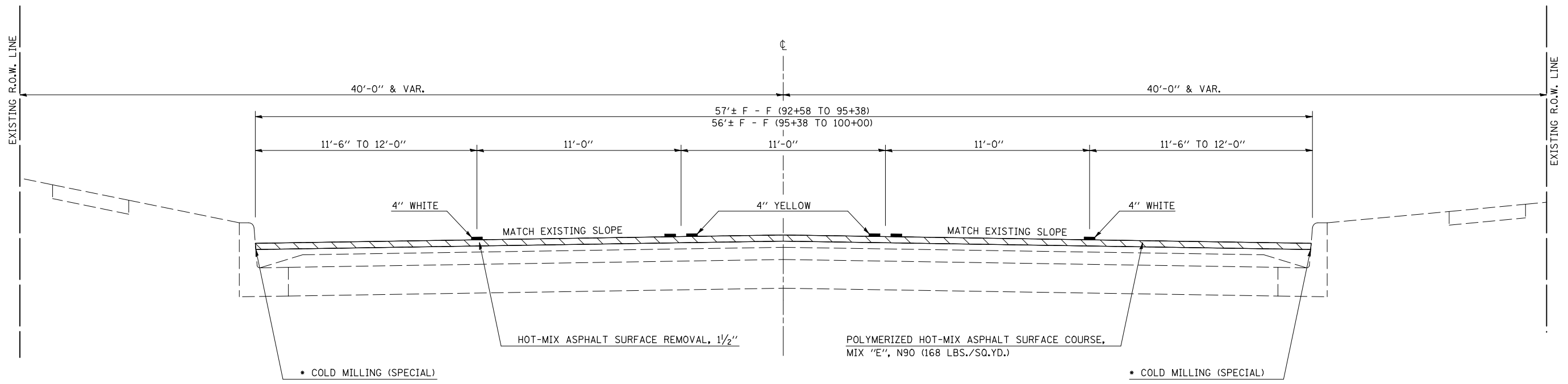
EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	9
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

① PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

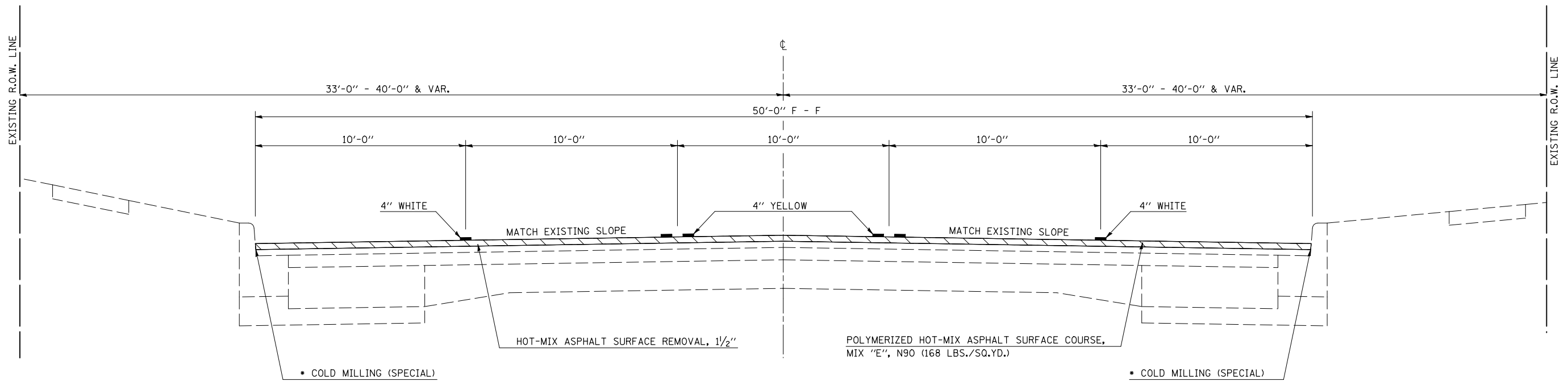
STATION 92+58 TO STATION 100+00 ②



* AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

② PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 100+00 TO STATION 101+35 ③

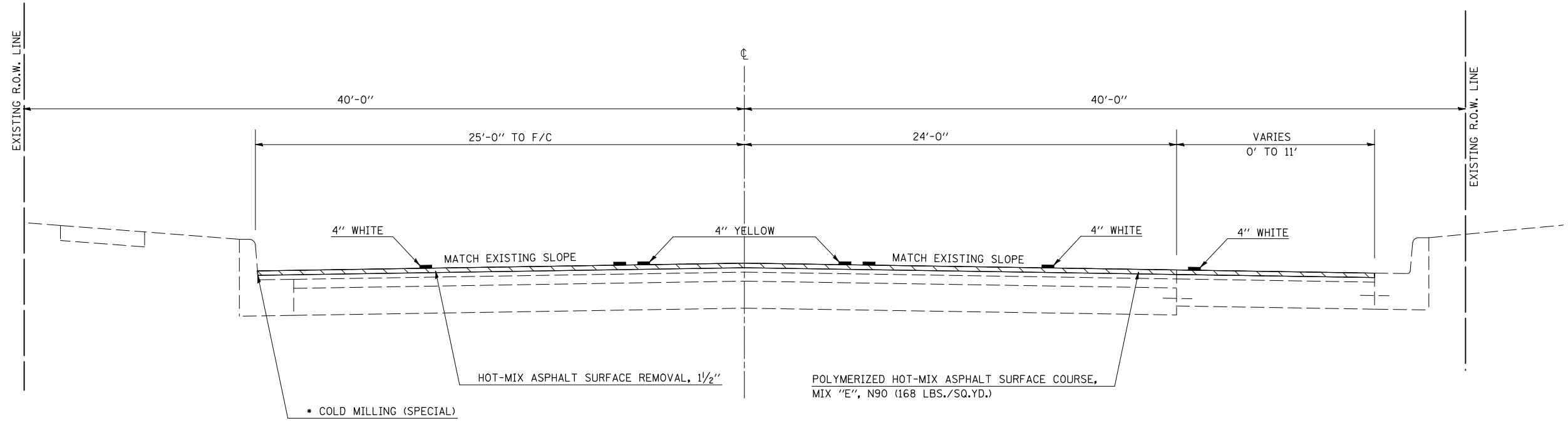


* AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -						808	(28Z)RS-5	Champaign	59	10
PLOT DATE = 12/11/2009	DATE -	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70121 ILLINOIS FED. AID PROJECT					

③ PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 101+35 TO STATION 103+95 ④

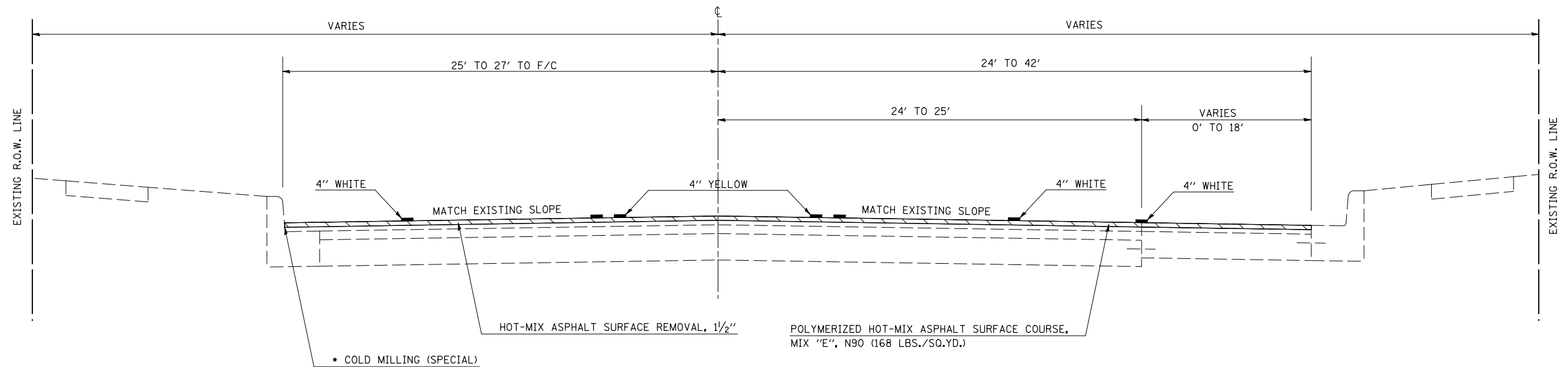


• AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

④ PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 103+95 TO STATION 112+28 ⑤

STATION EQUATION : STATION 108+58.91(BK) = STATION 108+57.28(AH)

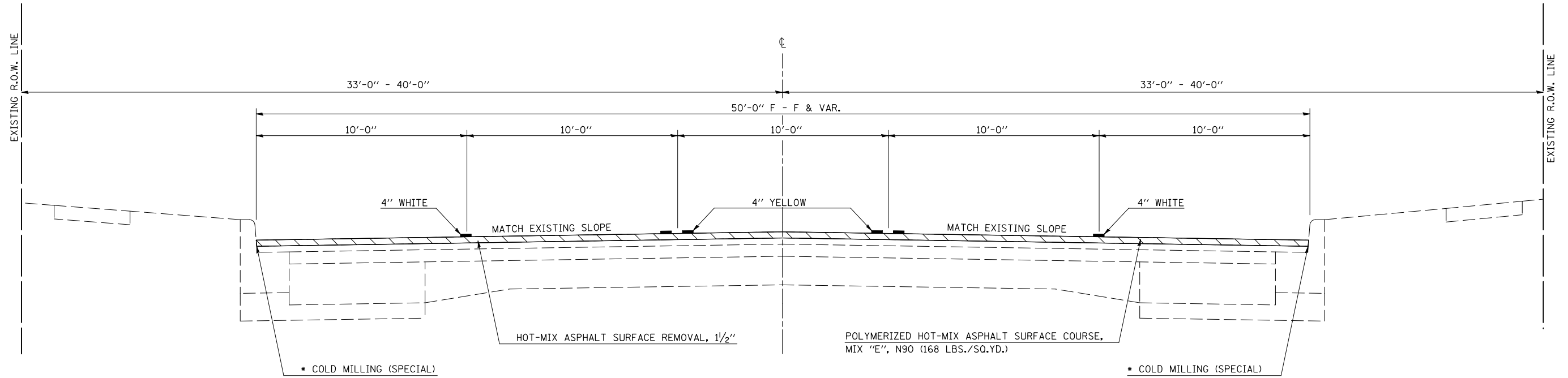


• AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-sh-typical1s.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					808	(28Z)RS-5	Champaign	59	11
PLOT DATE = 12/11/2009	DATE -	CHECKED -	REVISED -		CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

⑤ PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 112+28 TO STATION 119+30 ⑥

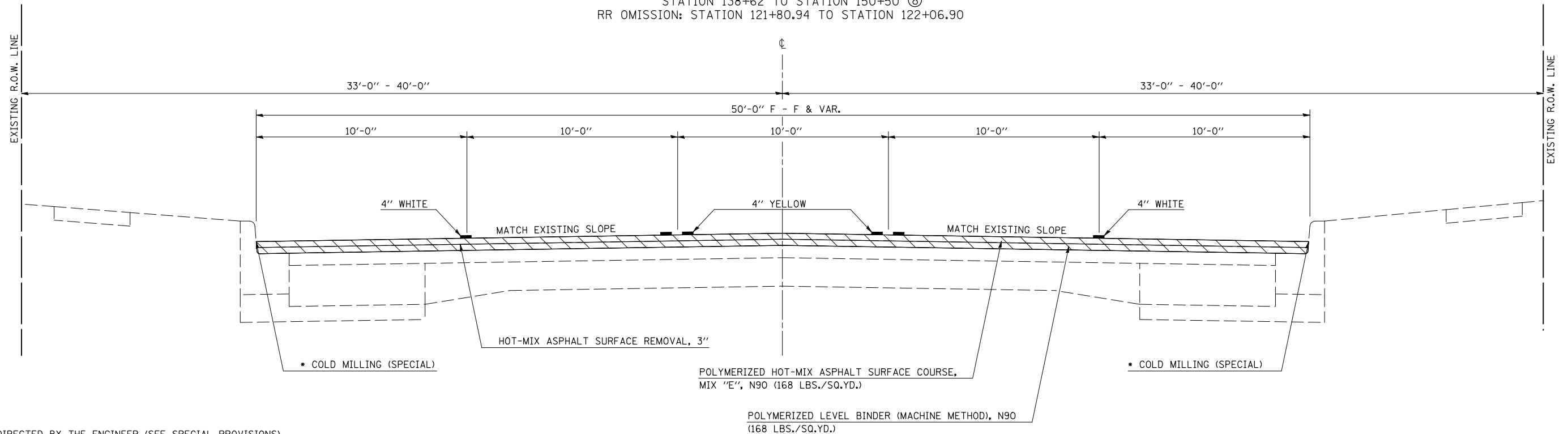


* AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

SEE "DETAIL OF MILLING TRANSITION" FOR TRANSITION LIMITS

⑥ PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 119+30 TO STATION 130+41 ⑦
 STATION 138+62 TO STATION 150+50 ⑧
 RR OMISSION: STATION 121+80.94 TO STATION 122+06.90



* AS DIRECTED BY THE ENGINEER (SEE SPECIAL PROVISIONS)

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

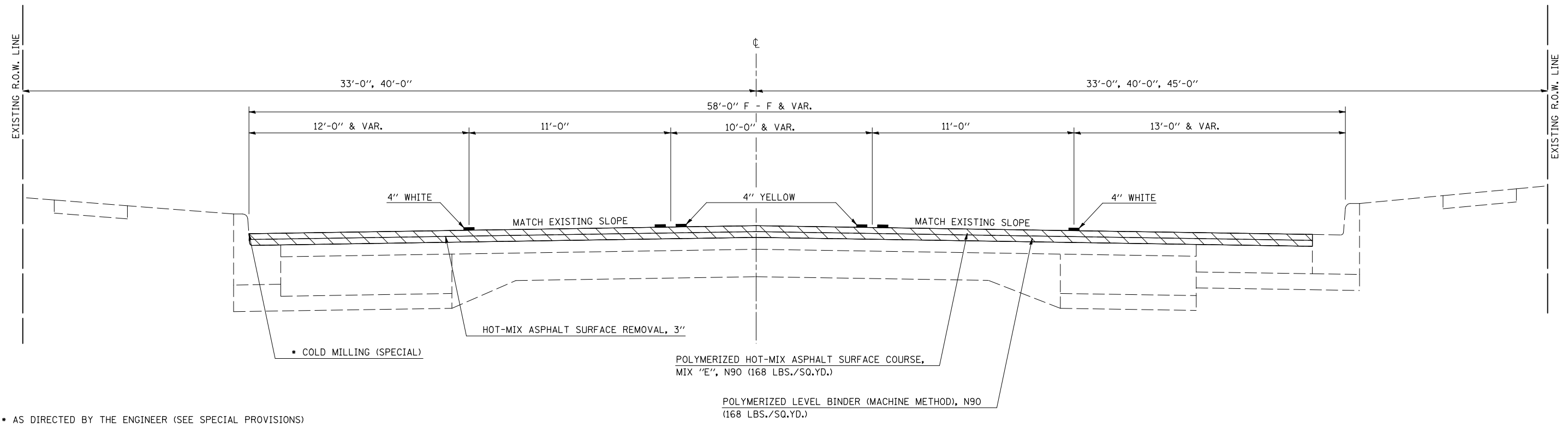
PROPOSED TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	12
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

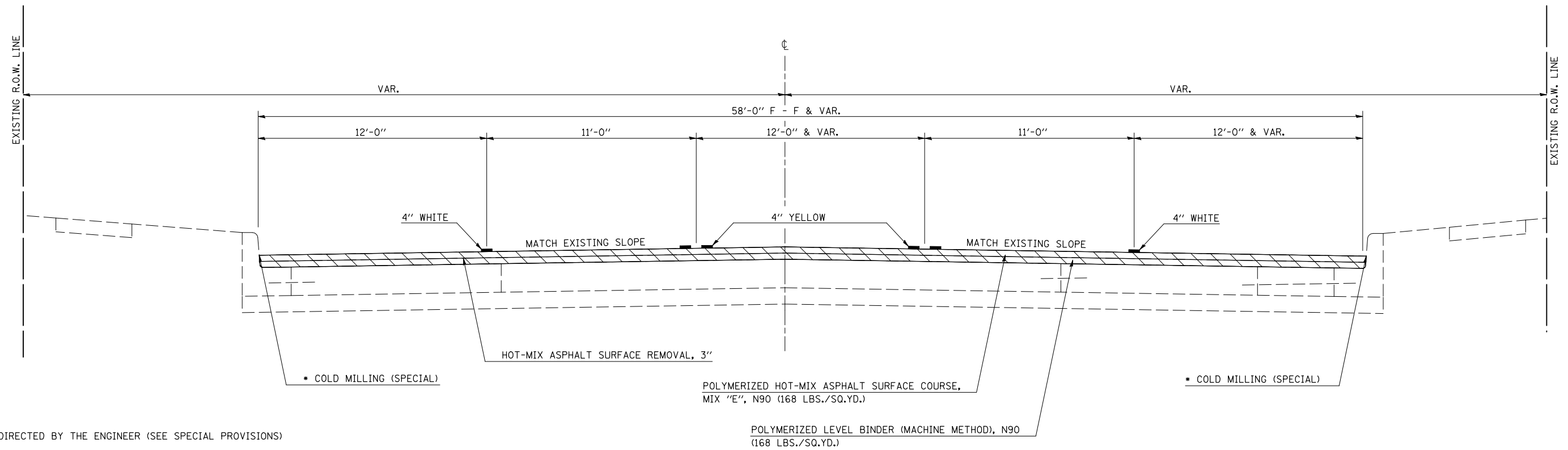
7 PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 130+41 TO STATION 138+62



8 PROPOSED TYPICAL CROSS SECTION FAP 808 (UNIVERSITY AVE.)

STATION 150+50.00 TO STATION 152+50.42



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

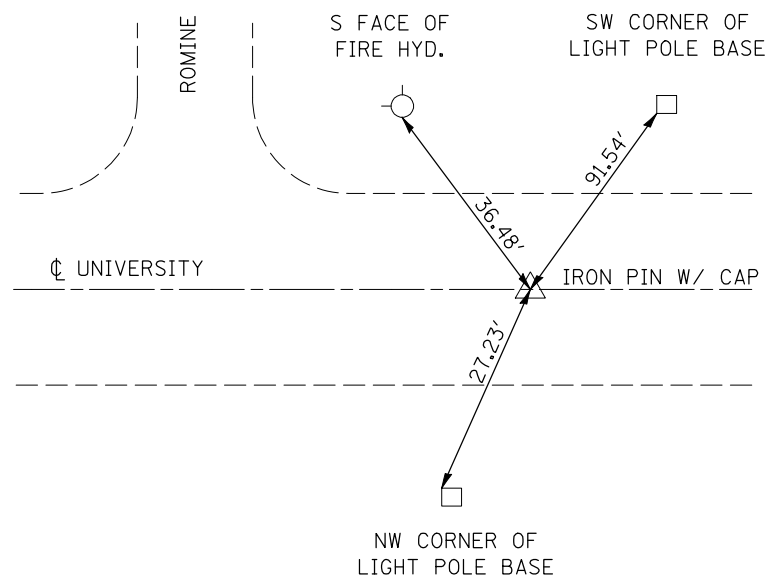
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

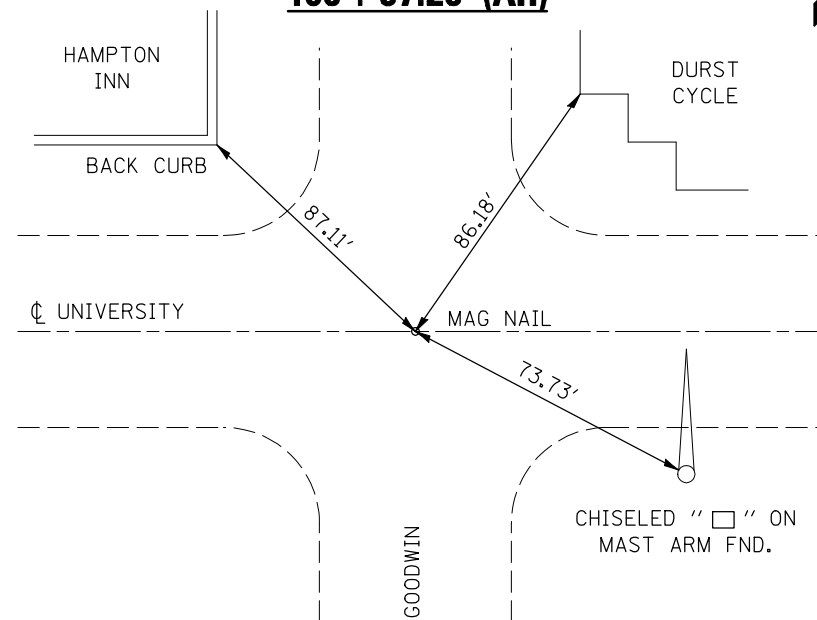
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	13
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

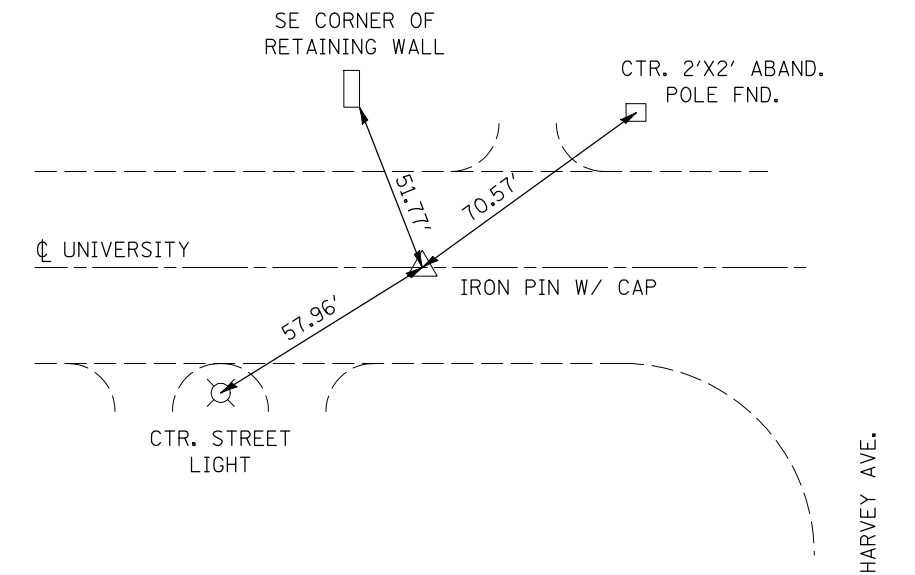
P.I.
STA. 100 + 54.90



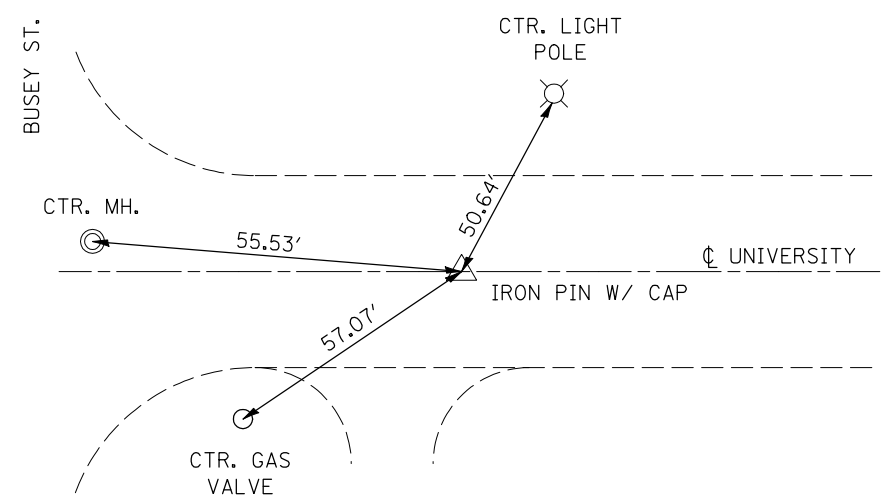
STA. EQUATION
108 + 58.91 (BK) =
108 + 57.28 (AH)



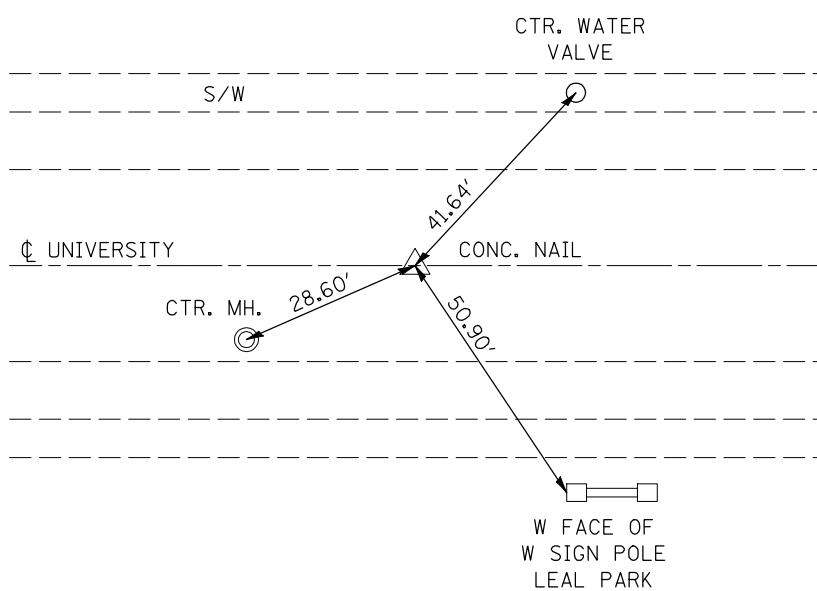
P.I.
STA. 111 + 58.44



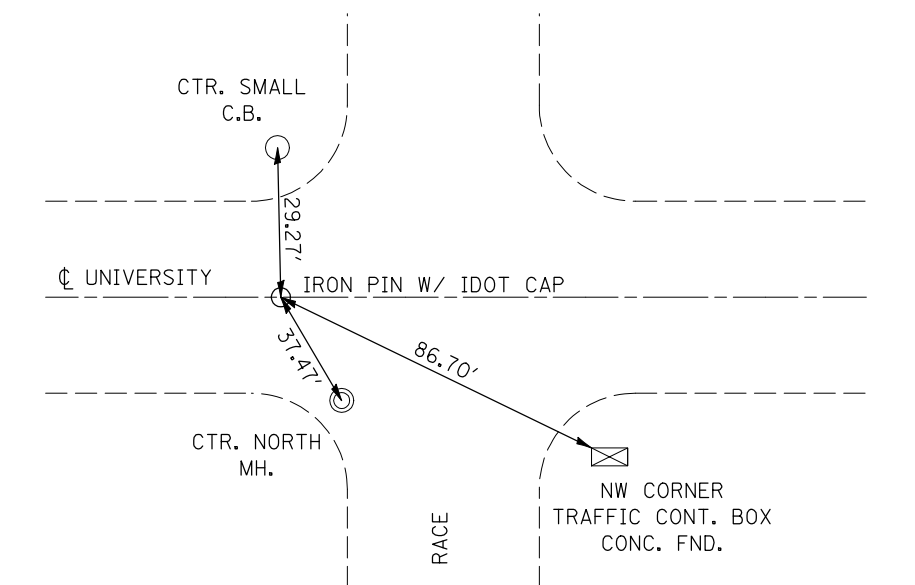
P.I.
STA. 127 + 83.89



P.I.
STA. 146 + 51.37



P.C.
STA. 150 + 00.36



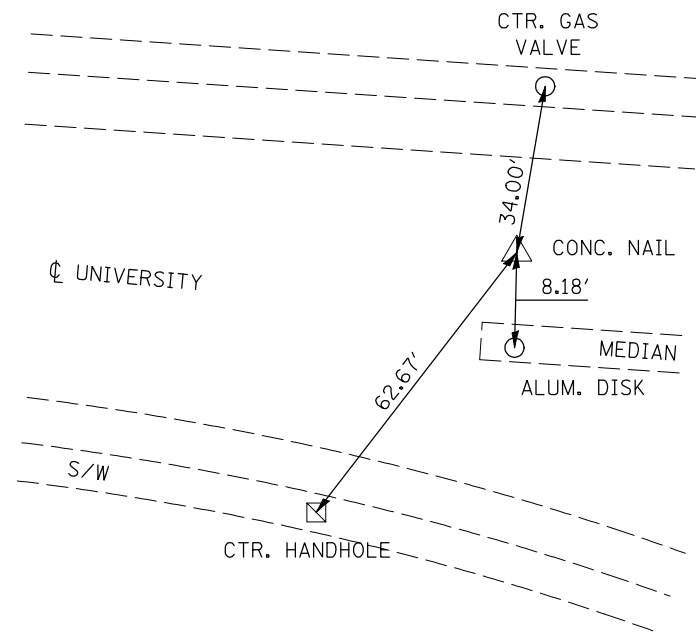
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

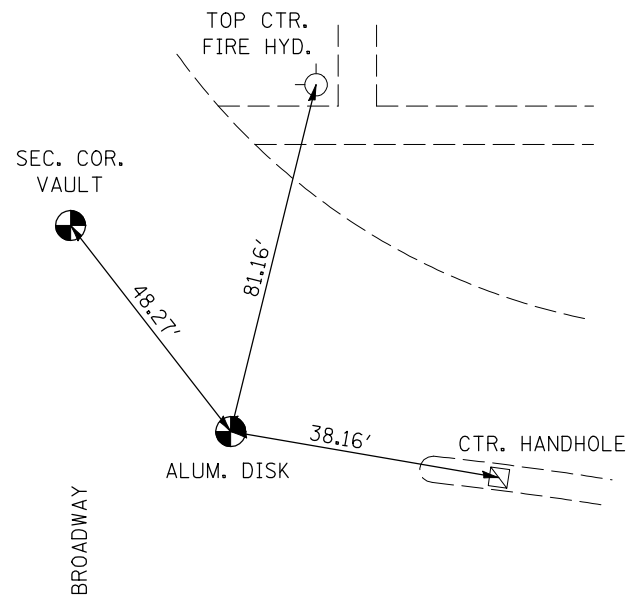
TIE POINTS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	14
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

P.I.
STA. 152 + 55.02



P.R.C.
STA. 155 + 08.34



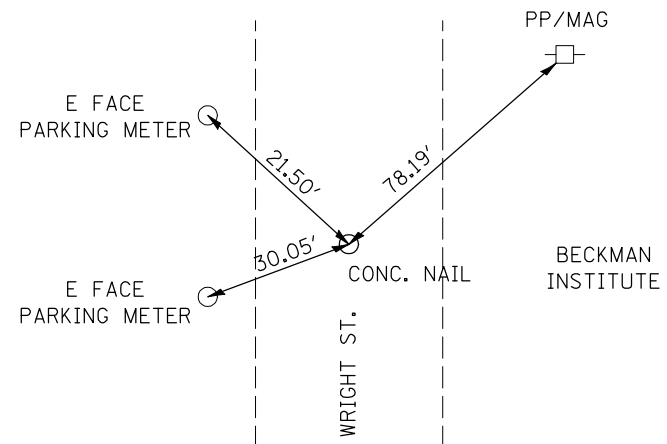
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

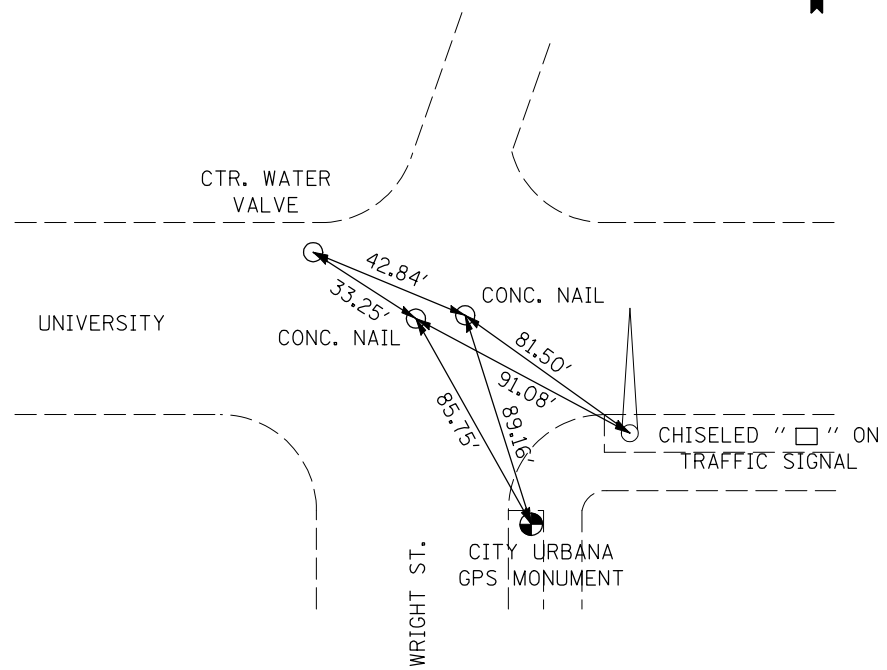
TIE POINTS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	15
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

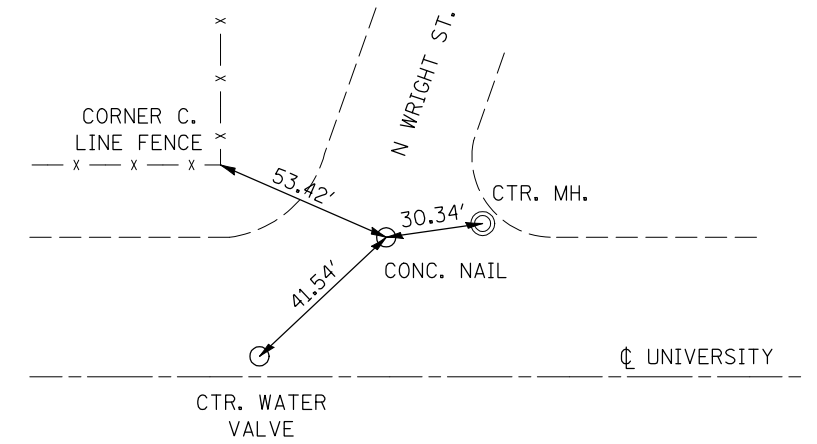
**P.O.T. S. WRIGHT ST.
STA. 2 + 50**



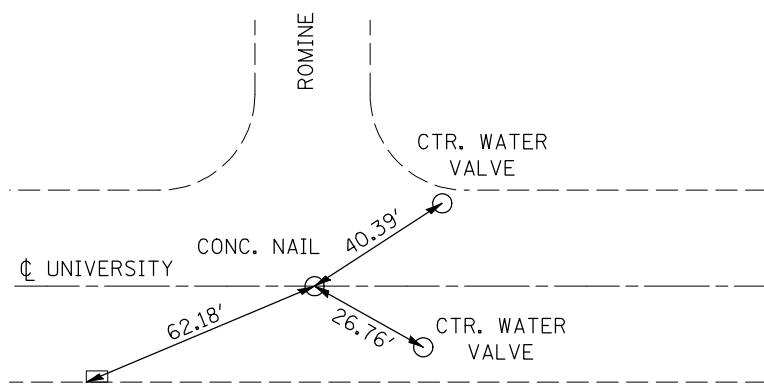
**INT. WRIGHT ST.
STA. 5 + 00**



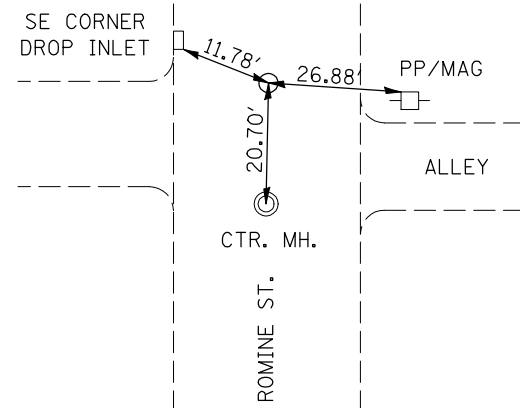
**P.C. N. WRIGHT ST.
STA. 5 + 26.94**



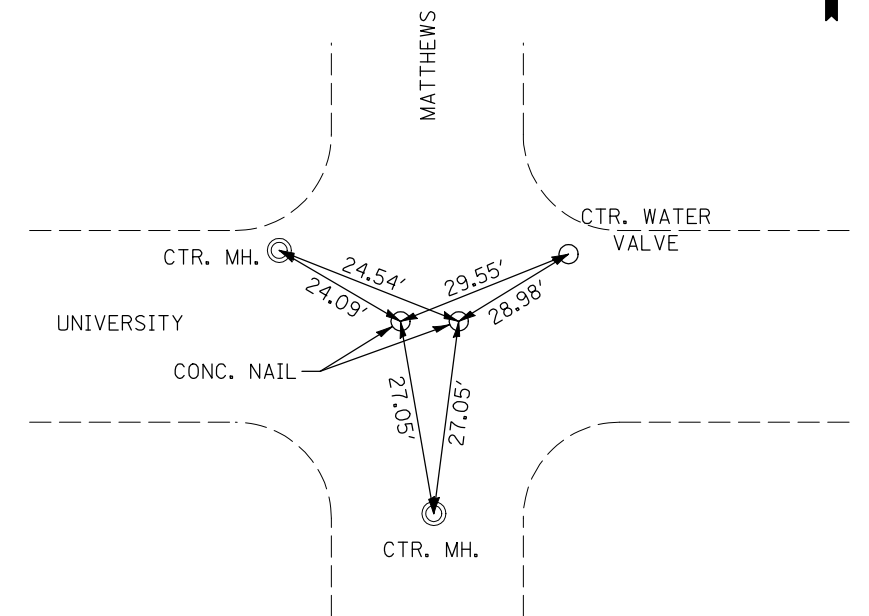
**INT. ROMINE ST.
STA. 10 + 00**



**P.O.T. N. ROMINE ST.
STA. 12 + 00**



**INT. MATTHEWS AVE.
STA. 15 + 00**



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-ATB.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

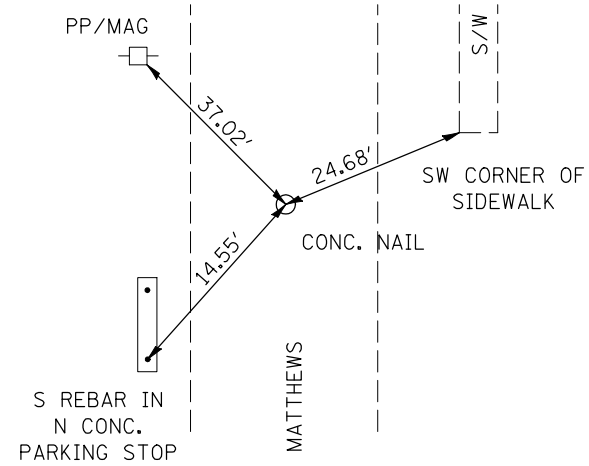
SIDEROAD TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	16
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

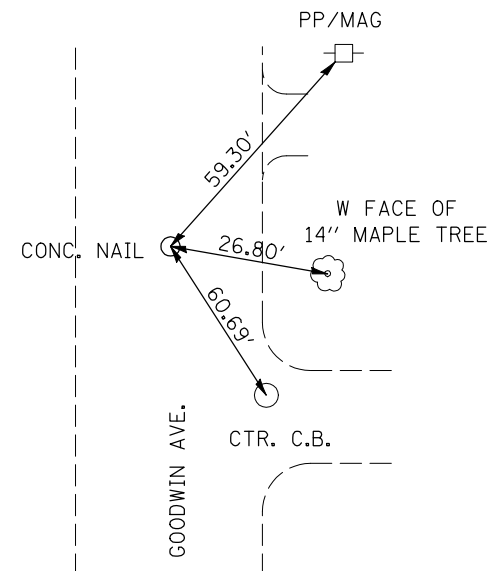
P.O.T. N. MATTHEWS AVE.

STA. 17 + 65.97



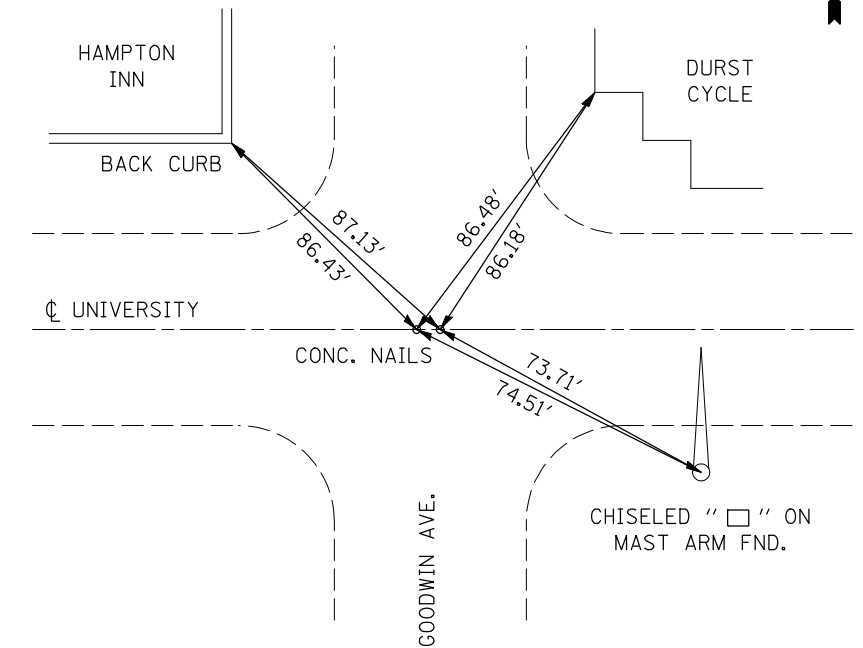
P.O.T. S. GOODWIN AVE.

STA. 17 + 21.82



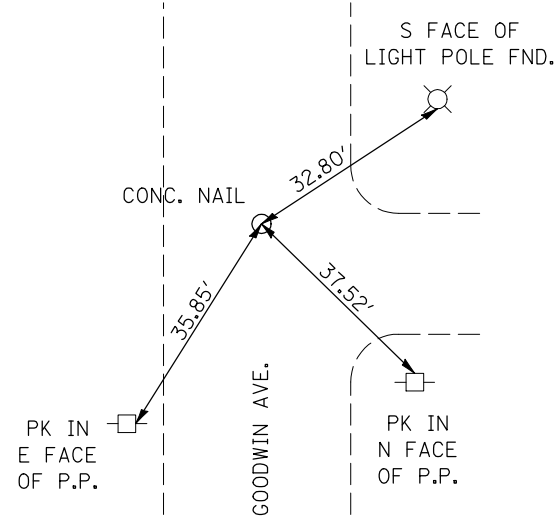
INT. GOODWIN AVE.

STA. 20 + 00



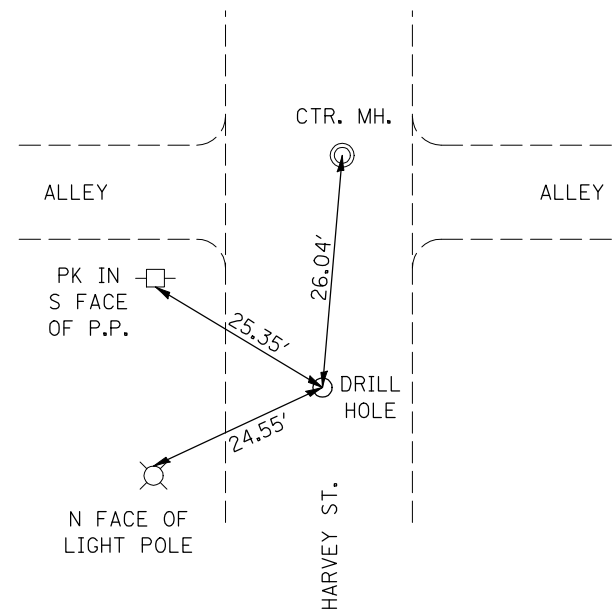
P.O.T. N. GOODWIN AVE.

STA. 22 + 00



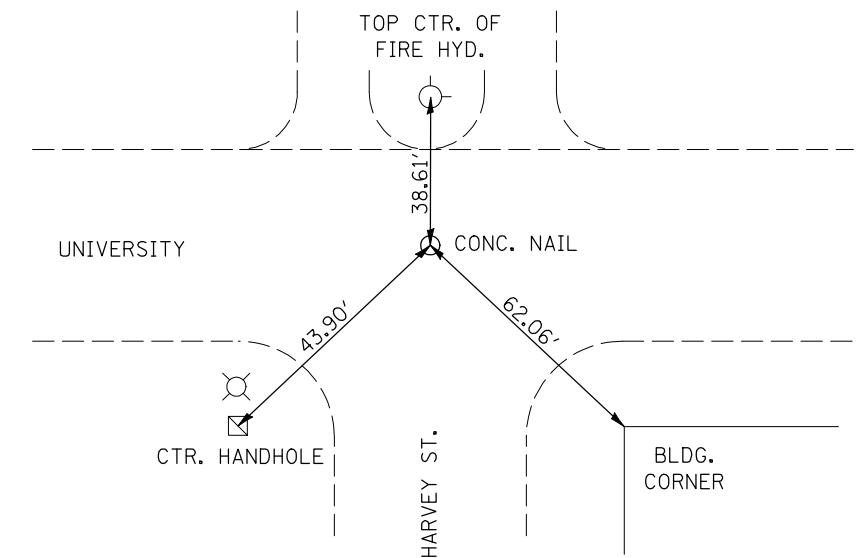
P.O.T. S. HARVEY ST.

STA. 23 + 00



INT. HARVEY ST.

STA. 25 + 00



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
et:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-ATB.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

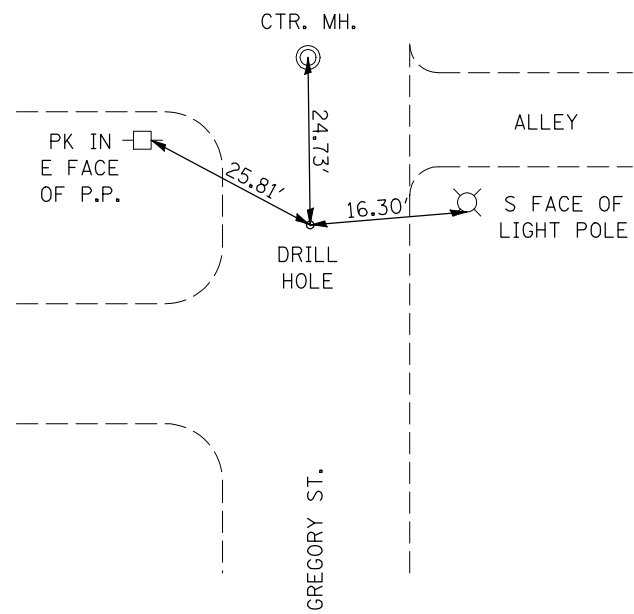
SIDEROAD TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	17
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

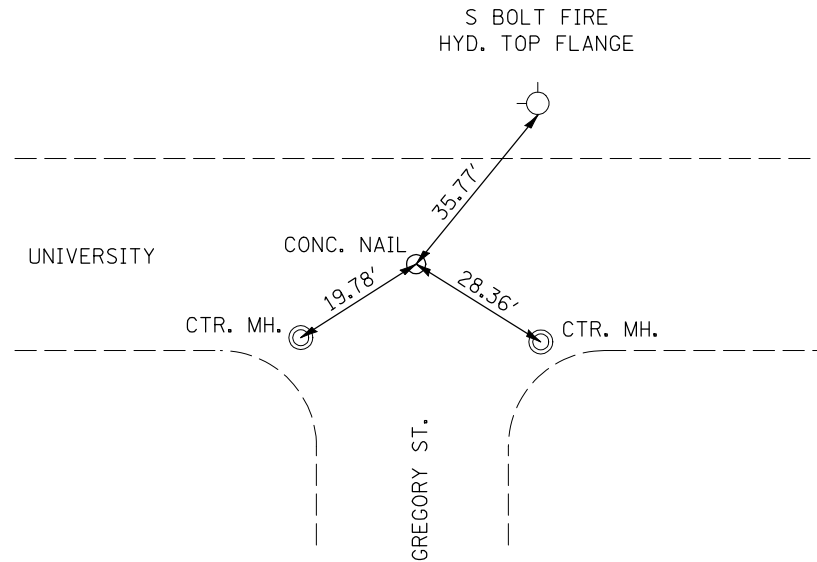
P.O.T. S. GREGORY ST.

STA. 28 + 00



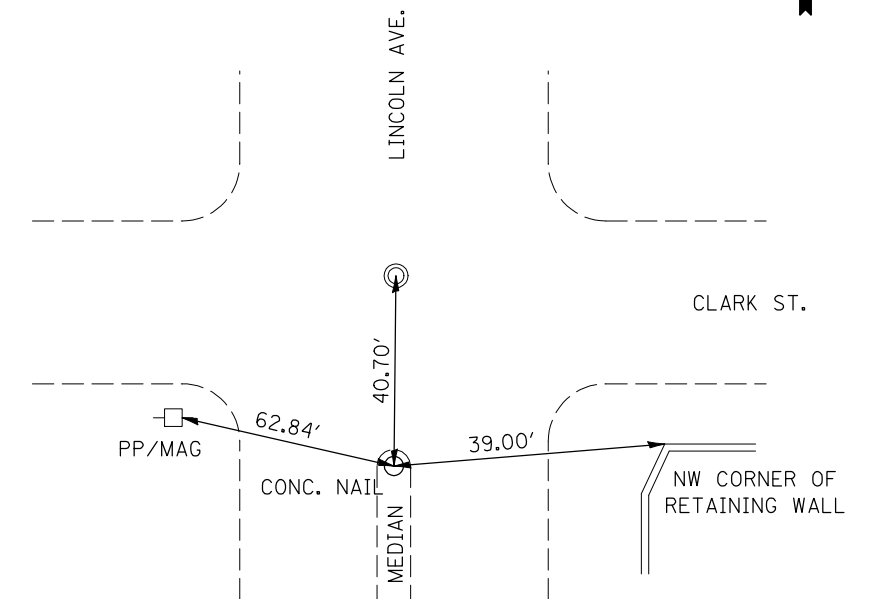
INT. GREGORY ST.

STA. 30 + 00



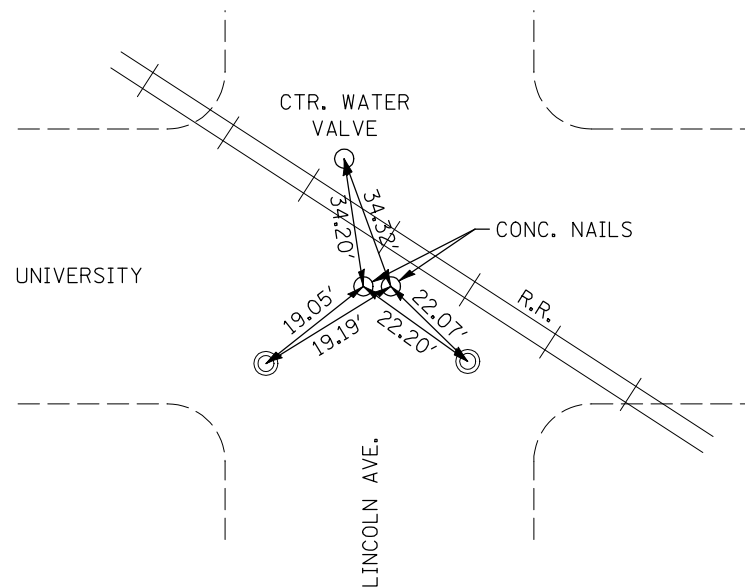
P.O.T. S. LINCOLN AVE.

STA. 31 + 07.70



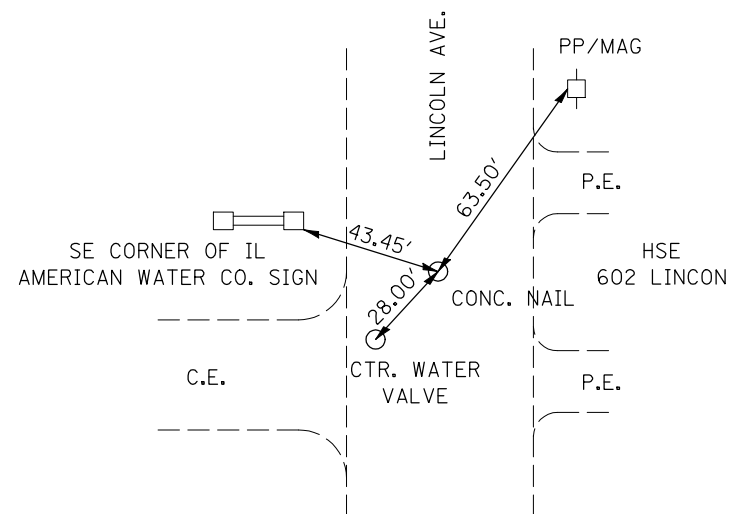
INT. LINCOLN AVE.

STA. 35 + 00



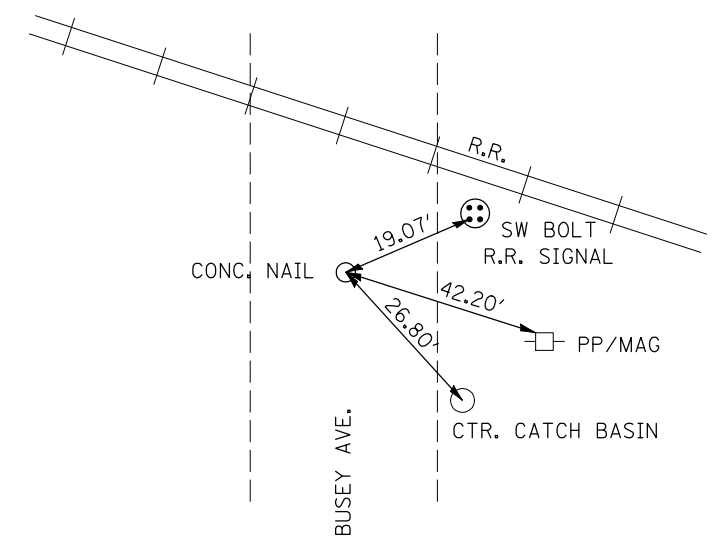
P.O.T. N. LINCOLN AVE.

STA. 39 + 71.65



P.O.T. S. BUSEY AVE.

STA. 38 + 00



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-ATB.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

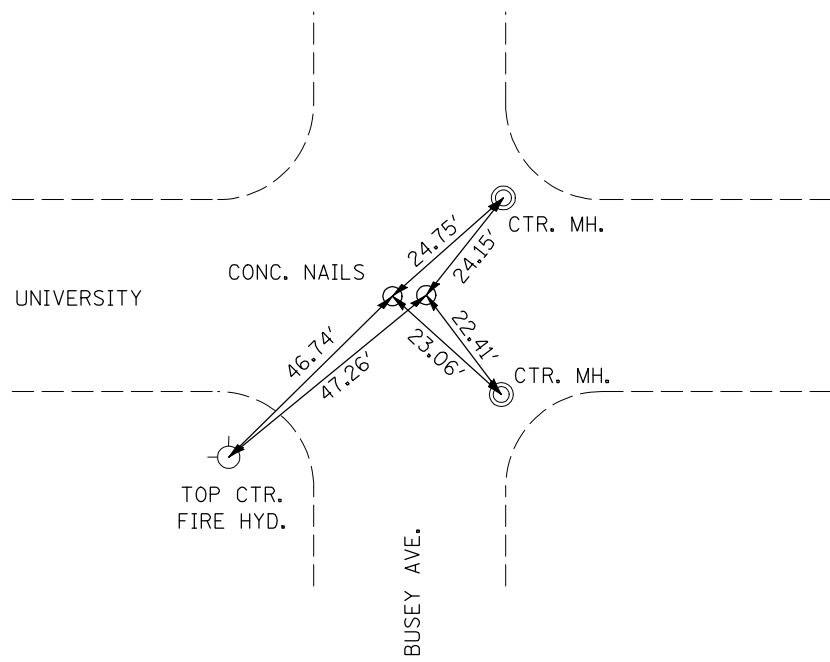
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD TIE POINTS

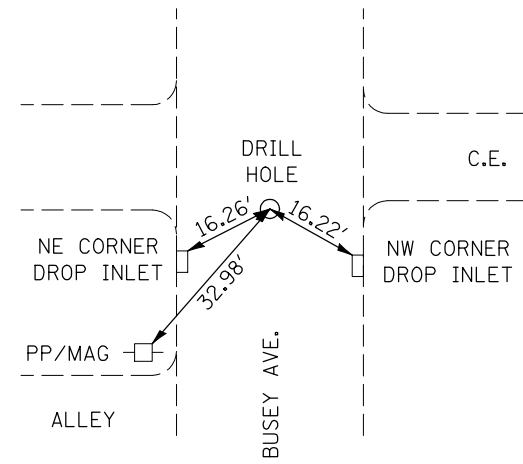
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

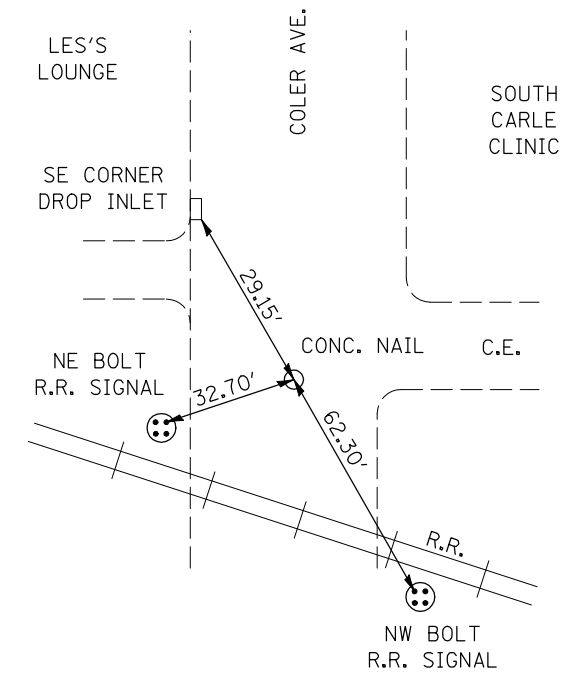
**INT. BUSEY AVE.
STA. 40 + 00**



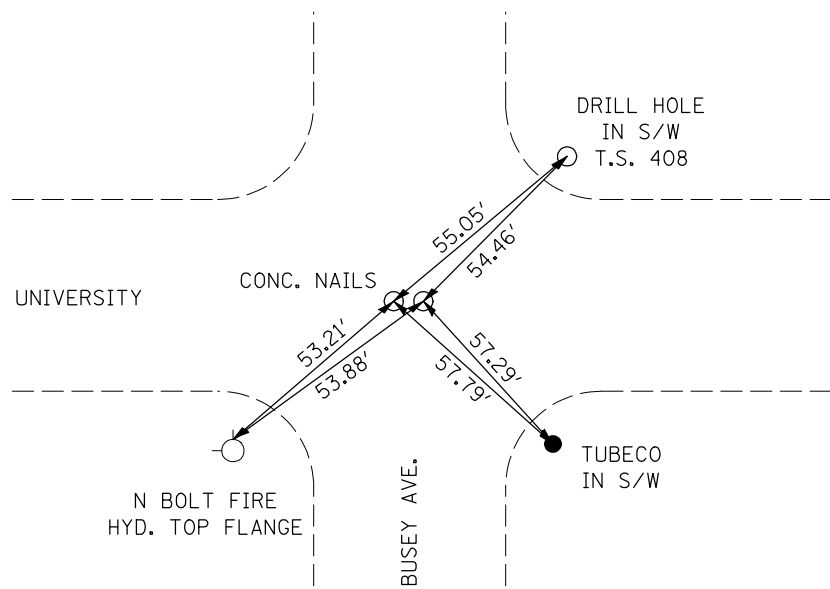
**P.O.T. N. BUSEY AVE.
STA. 42 + 00**



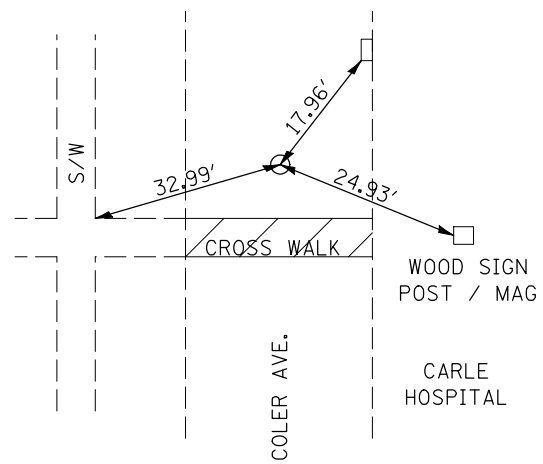
**P.O.T. S. COLER AVE.
STA. 42 + 50**



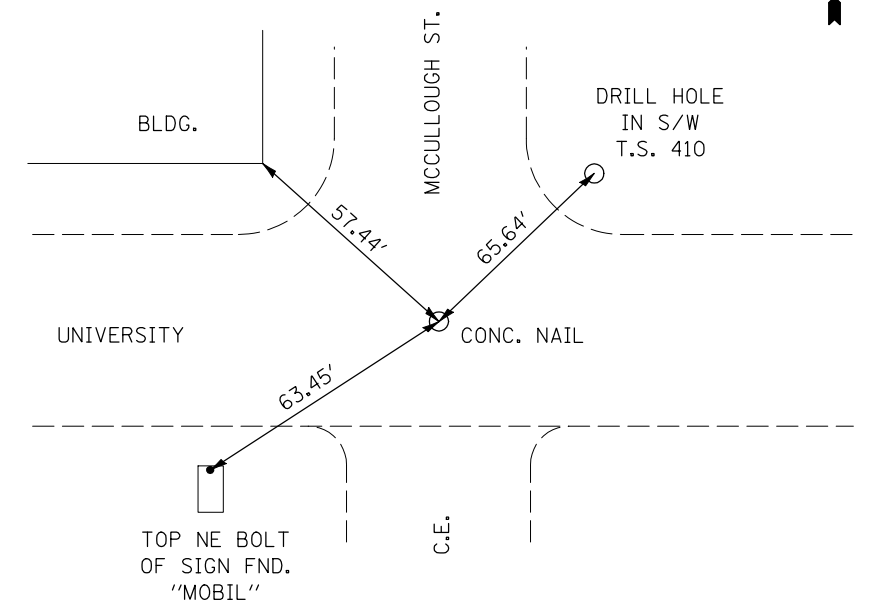
**INT. COLER AVE.
STA. 45 + 00**



**P.O.T. N. COLER AVE.
STA. 47 + 44.52**



**INT. MCCULLOUGH ST.
STA. 50 + 00**



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-ATB.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

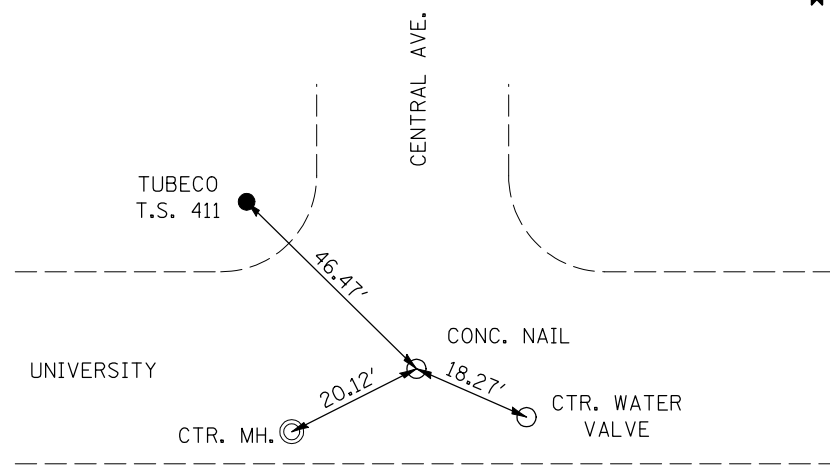
SIDEROAD TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	19
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

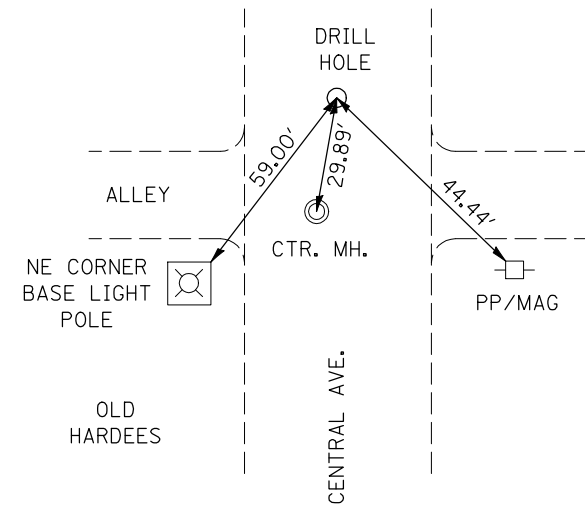
INT. CENTRAL AVE.

STA. 55 + 00



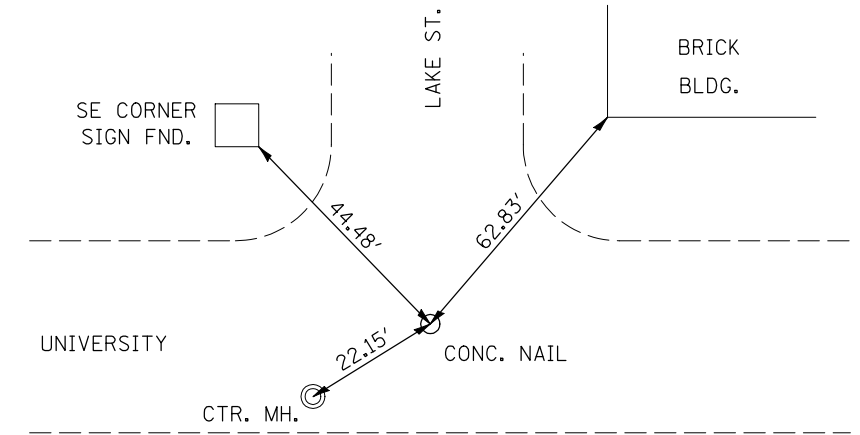
P.O.T. N. CENTRAL AVE.

STA. 57 + 00



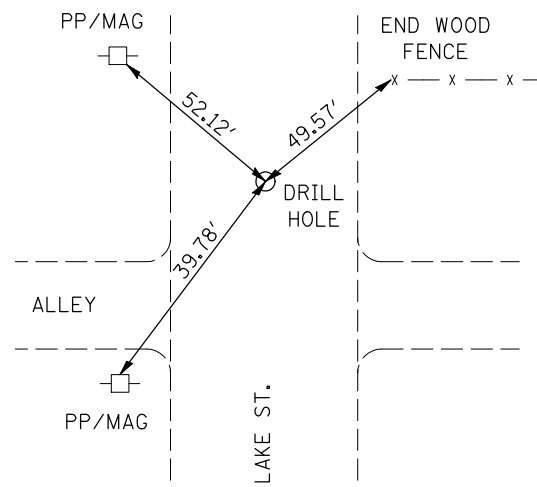
INT. LAKE ST.

STA. 60 + 00



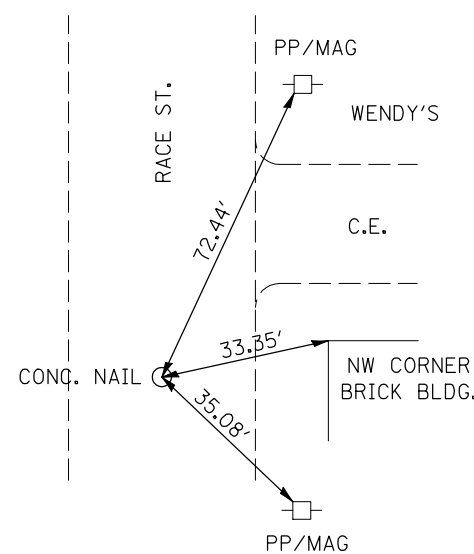
P.O.T. LAKE ST.

STA. 62 + 00



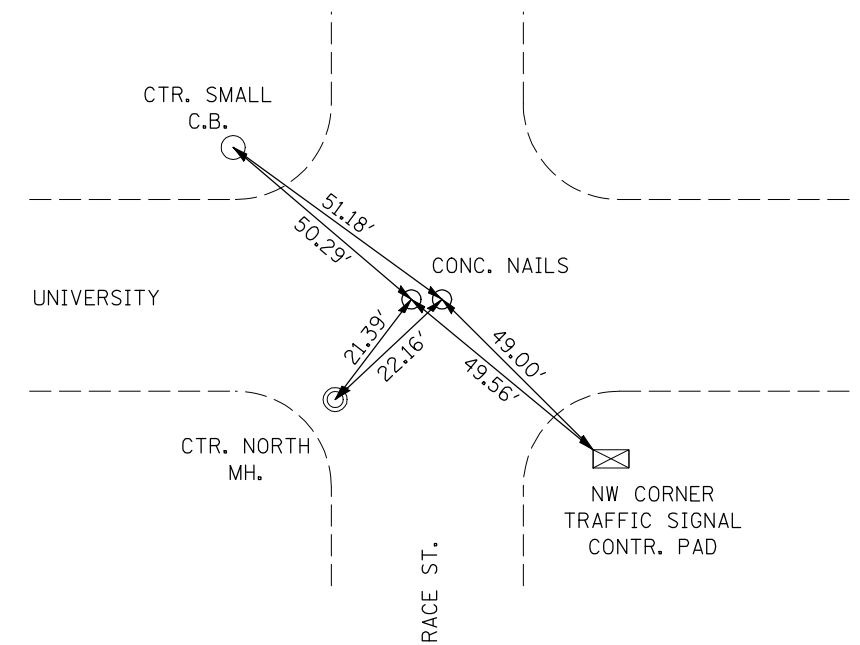
P.O.T. S. RACE ST.

STA. 63 + 00



INT. RACE ST.

STA. 65 + 00



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

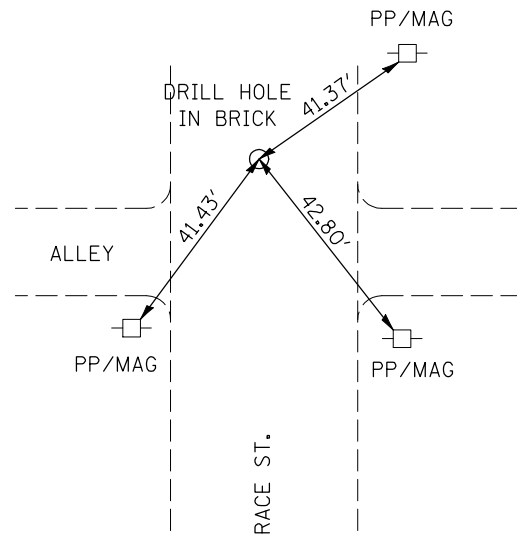
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD TIE POINTS

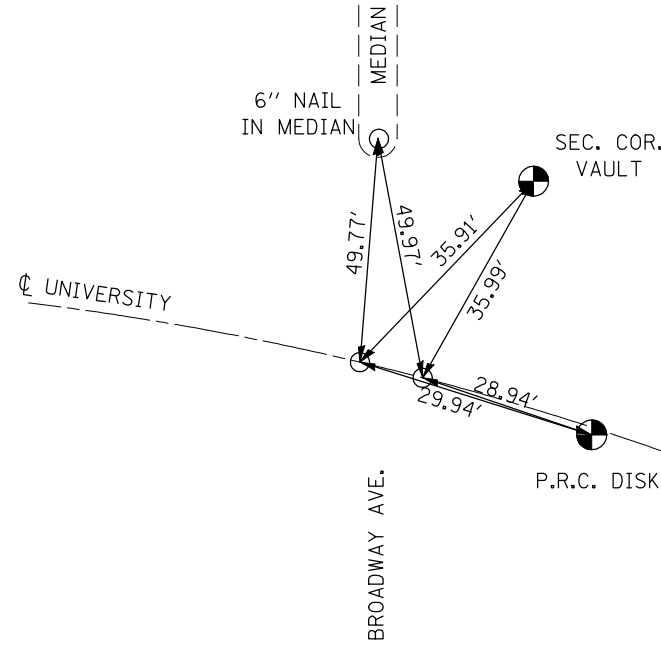
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	20
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

**P.O.T. N. RACE ST.
STA. 67 + 00**



**INT. BROADWAY AVE.
STA. 70 + 00**



FILE NAME = c:\pwork\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-ATB.dgn	USER NAME = bucklesjj	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	21
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

CLASS D PAVEMENT PATCHING

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	(44201803) (44201807) (44201809)			
					PATCH AREA			
					TYPE I 13.0" (SQ YD)	TYPE II 13.0" (SQ YD)	TYPE III 13.0" (SQ YD)	TYPE IV 13.0" (SQ YD)
97+44	EB	PASSING	6	12	0.0	8.0	0.0	0.0
97+84	WB	PASSING	6	12	0.0	8.0	0.0	0.0
97+84		TWLT	6	12	0.0	8.0	0.0	0.0
99+42	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
100+22	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
101+20	WB	DRIVING	8	12	0.0	10.7	0.0	0.0
101+56	WB	DRIVING	8	12	0.0	10.7	0.0	0.0
103+55	WB	PASSING	12	12	0.0	0.0	16.0	0.0
103+55	WB	DRIVING	12	12	0.0	0.0	16.0	0.0
104+04	WB	PASSING	10	12	0.0	13.3	0.0	0.0
104+04	WB	DRIVING	10	12	0.0	13.3	0.0	0.0
104+54	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
104+84	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
105+11	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
105+28	WB	PASSING	6	12	0.0	8.0	0.0	0.0
105+71	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
106+89	EB	PASSING	6	12	0.0	8.0	0.0	0.0
106+89	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
106+89		TWLT	6	12	0.0	8.0	0.0	0.0
106+89	WB	PASSING	6	12	0.0	8.0	0.0	0.0
106+89	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
110+52	WB	DRIVING	8	12	0.0	10.7	0.0	0.0
112+99	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
119+68		TWLT	30	12	0.0	0.0	0.0	40.0
120+17		TWLT	10	12	0.0	13.3	0.0	0.0
120+80	EB	PASSING	6	12	0.0	8.0	0.0	0.0
120+80		TWLT	6	12	0.0	8.0	0.0	0.0
120+84		TWLT	6	12	0.0	8.0	0.0	0.0
122+09	WB	PASSING	6	12	0.0	8.0	0.0	0.0
122+09	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
SUB TOTALS					0.0 (SQ YD)	240.0 (SQ YD)	32.0 (SQ YD)	40.0 (SQ YD)

CLASS D PAVEMENT PATCHING

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	(44201803) (44201807) (44201809)			
					PATCHAREA			
					TYPE I 13.0" (SQ YD)	TYPE II 13.0" (SQ YD)	TYPE III 13.0" (SQ YD)	TYPE IV 13.0" (SQ YD)
125+80	EB	PASSING	6	12	0.0	8.0	0.0	0.0
125+80	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
125+80		TWLTL	6	12	0.0	8.0	0.0	0.0
125+80	WB	PASSING	6	12	0.0	8.0	0.0	0.0
125+80	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
126+80	EB	DRIVING	10	12	0.0	13.3	0.0	0.0
136+03	EB	PASSING	6	12	0.0	8.0	0.0	0.0
136+03	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
136+03		TWLTL	6	12	0.0	8.0	0.0	0.0
136+03	WB	PASSING	6	12	0.0	8.0	0.0	0.0
136+03	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
136+28	EB	PASSING	6	12	0.0	8.0	0.0	0.0
136+28	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
136+28		TWLTL	6	12	0.0	8.0	0.0	0.0
136+28	WB	PASSING	6	12	0.0	8.0	0.0	0.0
136+28	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
136+58	EB	PASSING	6	12	0.0	8.0	0.0	0.0
136+58	EB	DRIVING	6	12	0.0	8.0	0.0	0.0
136+58		TWLTL	6	12	0.0	8.0	0.0	0.0
136+58	WB	PASSING	6	12	0.0	8.0	0.0	0.0
136+58	WB	DRIVING	6	12	0.0	8.0	0.0	0.0
138+21	EB	PASSING	10	12	0.0	13.3	0.0	0.0
142+84	EB	PASSING	20	12	0.0	0.0	0.0	26.7
142+84	EB	DRIVING	20	12	0.0	0.0	0.0	26.7
142+84		TWLTL	20	12	0.0	0.0	0.0	26.7
142+84	WB	PASSING	20	12	0.0	0.0	0.0	26.7
142+84	WB	DRIVING	20	12	0.0	0.0	0.0	26.7
148+06	EB	PASSING	10	12	0.0	13.3	0.0	0.0
148+06	EB	DRIVING	10	12	0.0	13.3	0.0	0.0
148+06		TWLTL	10	12	0.0	13.3	0.0	0.0
SUB TOTALS					0.0 (SQ YD)	226.7 (SQ YD)	0.0 (SQ YD)	133.3 (SQ YD)

CLASS D PAVEMENT PATCHING

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	(44201803)	(44201807)	(44201809)	
					PATCHAREA			
					TYPE I 13.0" (SQ YD)	TYPE II 13.0" (SQ YD)	TYPE III 13.0" (SQ YD)	TYPE IV 13.0" (SQ YD)
148+06	WB	PASSING	10	12	0.0	13.3	0.0	
148+06	WB	DRIVING	10	12	0.0	13.3	0.0	
149+76	WB	PASSING	6	12	0.0	8.0	0.0	
149+76	WB	DRIVING	6	12	0.0	8.0	0.0	
150+89	EB	PASSING	6	12	0.0	8.0	0.0	
150+89	EB	DRIVING	6	12	0.0	8.0	0.0	
150+89		TWLTL	6	12	0.0	8.0	0.0	
150+89	WB	PASSING	6	12	0.0	8.0	0.0	
150+89	WB	DRIVING	6	12	0.0	8.0	0.0	
151+34	EB	PASSING	6	12	0.0	8.0	0.0	
151+34	EB	DRIVING	6	12	0.0	8.0	0.0	
151+34		TWLTL	6	12	0.0	8.0	0.0	
151+34	WB	PASSING	6	12	0.0	8.0	0.0	
151+34	WB	DRIVING	6	12	0.0	8.0	0.0	
152+03	EB	PASSING	6	12	0.0	8.0	0.0	
152+03	EB	DRIVING	6	12	0.0	8.0	0.0	
152+03		TWLTL	6	12	0.0	8.0	0.0	
152+03	WB	PASSING	6	12	0.0	8.0	0.0	
152+03	WB	DRIVING	6	12	0.0	8.0	0.0	
SUB TOTALS					0.0 (SQ YD)	162.7 (SQ YD)	0.0 (SQ YD)	0.0 (SQ YD)
TOTALS					0.0 (SQ YD)	629.3 (SQ YD)	32.0 (SQ YD)	173.3 (SQ YD)

TABULATION OF RESURFACING QUANTITIES

LOCATION				ROADWAY WIDTH FT	ROADWAY LENGTH FT	(44000155)	(44000161)	(40600100)	(40600300)	(40600845)	(40603570)
						HMA SURFACE REMOVAL 1.5" SQ YD	HMA SURFACE REMOVAL 3" SQ YD	BITUMINOUS MATERIALS PRIME COAT GAL	AGGREGATE PRIME COAT TON	POLYMER LEVEL BINDER (MM) N90 1.5" TON	POLYMER HMA SURF CSE MIX E, N90 1.5" TON
STA. 92+58.00	TO STA. 101+35.00	57.0	877.0	5,554.3		555.4	5.6		466.6		
STA. 101+35.00	TO STA. 102+56.00	55.0	121.0	739.4		73.9	0.7		62.1		
STA. 102+56.00	TO STA. 104+75.00	57.5	219.0	1,399.2		139.9	1.4		117.5		
STA. 104+75.00	TO STA. 106+55.00	61.5	180.0	1,230.0		123.0	1.2		103.3		
STA. 106+55.00	TO STA. 108+58.91	68.0	203.9	1,540.7		154.1	1.5		129.4		
STA. 108+57.28	TO STA. 111+20.00	53.5	262.7	1,561.7		156.2	1.6		131.2		
STA. 111+20.00	TO STA. 119+00.00	50.0	780.0	4,333.3		433.3	4.3		364.0		
STA. 119+00.00	TO STA. 119+30.00	50.0	30.0		166.7	16.7	0.2	4.7	14.0		
STA. 119+30.00	TO STA. 126+50.00				4,567.7	456.8	4.6	383.7	383.7		
STA. 126+50.00	TO STA. 130+12.00	50.0	362.0		2,011.1	201.1	2.0	168.9	168.9		
STA. 130+12.00	TO STA. 132+50.00	54.5	238.0		1,441.2	144.1	1.4	121.1	121.1		
STA. 132+50.00	TO STA. 136+78.00	57.5	428.0		2,734.4	273.4	2.7	229.7	229.7		
STA. 136+78.00	TO STA. 138+21.00	58.0	143.0		921.6	92.2	0.9	77.4	77.4		
STA. 138+21.00	TO STA. 141+69.00	56.5	348.0		2,184.7	218.5	2.2	183.5	183.5		
STA. 141+69.00	TO STA. 142+70.00	54.0	101.0		606.0	60.6	0.6	50.9	50.9		
STA. 142+70.00	TO STA. 150+00.00	50.0	730.0		4,055.6	405.6	4.1	340.7	340.7		
STA. 150+00.00	TO STA. 152+50.42				1,570.5	157.1	1.6	131.9	131.9		
GRAND TOTALS						16,359.0	20,260.0	3,662.0	37.0	1,693.0	3,076.0

INCIDENTAL HOT-MIX ASPHALT SURFACING SCHEDULE

STATION	ENTRANCE TYPE	AREA (SQ YDS)	TONS (40800050)	BIT MATLS PR CT (GAL) (40800010)	AGG PR CT (TON) (40800030)	HMA SURF REM, SPL (SQ YD) (44000198)
93+99.89 RT	CE	23.9	1.8	2.4	0.02	23.9
94+79.27 RT	WRIGHT ST	459.7	38.6	46.0	0.46	459.7
96+89.54 LT	CE	14.8	1.1	1.5	0.01	14.8
100+00.00 LT	ROMINE ST	105.0	8.8	10.5	0.10	105.0
103+96.78 RT	MATHEWS AVE	177.9	14.9	17.8	0.18	177.9
103+97.44 LT	MATHEWS AVE	115.1	9.7	11.5	0.12	115.1
108+58.01 LT	GOODWIN AVE	427.4	35.9	42.7	0.43	427.4
108+57.30 RT	GOODWIN AVE	513.8	43.2	51.4	0.51	513.8
110+85.53 LT	CE	28.9	2.2	2.9	0.03	28.9
111+83.26 LT	CE	20.4	1.6	2.0	0.02	20.4
113+23.59 RT	HARVEY ST	105.0	8.8	10.5	0.10	105.0
113+60.55 LT	CE	16.3	1.3	1.6	0.02	16.3
115+86.52 LT	CE	26.8	2.1	2.7	0.03	26.8
116+81.81 LT	CE	20.9	1.6	2.1	0.02	20.9
117+28.28 LT	CE	10.9	0.8	1.1	0.01	10.9
117+74.89 LT	CE	13.8	1.1	1.4	0.01	13.8
117+87.21 RT	GREGORY ST	115.6	9.7	11.6	0.12	115.6
118+30.22 LT	CE	22.7	1.7	2.3	0.02	22.7
118+80.10 LT	CE	18.9	1.5	1.9	0.02	18.9
119+69.35 LT	CE	25.8	2.0	2.6	0.03	25.8
121+81.52 LT	LINCOLN AVE	913.2	76.7	91.3	0.91	913.2
121+61.70 RT	LINCOLN AVE	906.6	76.2	90.7	0.91	906.6
125+08.43 LT	CE	12.4	1.0	1.2	0.01	12.4
126+17.22 LT	CE	23.3	1.8	2.3	0.02	23.3
127+13.66 LT	BUSEY AVE	146.2	12.3	14.6	0.15	146.2
127+14.53 RT	BUSEY AVE	128.4	10.8	12.8	0.13	128.4
127+81.25 RT	CE	24.2	1.9	2.4	0.02	24.2
128+53.86 RT	CE	24.7	1.9	2.5	0.02	24.7
131+82.48 LT	COLER AVE	287.5	24.2	28.8	0.29	287.5
131+83.32 RT	COLER AVE	238.7	20.0	23.9	0.24	238.7
135+60.00 LT	ORCHARD ST	96.1	8.1	9.6	0.10	96.1
137+50.88 RT	CE	10.4	0.8	1.0	0.01	10.4
137+85.83 RT	CE	20.2	1.6	2.0	0.02	20.2
139+05.42 RT	CE	18.6	1.4	1.9	0.02	18.6
140+85.91 RT	CE	6.3	0.5	0.6	0.01	6.3
142+04.44 RT	CE	11.4	0.9	1.1	0.01	11.4
143+35.68 RT	CE	11.4	0.9	1.1	0.01	11.4
144+48.34 RT	CE	8.9	0.7	0.9	0.01	8.9
144+94.07 RT	CE	7.4	0.6	0.7	0.01	7.4
145+50.53 LT	CENTRAL AVE	123.3	10.4	12.3	0.12	123.3
146+72.06 LT	CE	16.9	1.3	1.7	0.02	16.9
147+59.71 LT	CE	16.9	1.3	1.7	0.02	16.9
148+20.81 LT	LAKE ST	63.0	5.3	6.3	0.06	63.0
148+21.42 RT	PE	6.1	0.5	0.6	0.01	6.1
148+61.62 LT	CE	7.8	0.6	0.8	0.01	7.8
149+18.48 RT	PE	5.4	0.4	0.5	0.01	5.4
149+90.32 LT	CE	17.3	1.3	1.7	0.02	17.3
150+49.83 LT	RACE ST	112.0	9.4	11.2	0.11	112.0
150+50.89 RT	RACE ST	173.4	14.6	17.3	0.17	173.4
151+09.27 LT	CE	9.0	0.7	0.9	0.01	9.0
152+22.56 LT	CE	14.4	1.1	1.4	0.01	14.4
TOTAL =		5,725.0	477.0	572.0	6.0	5,725.0

TEMPORARY RAMP (40600990)

WATER VALVES TO BE ADJUSTED (56109210)

MANHOLES TO BE ADJUSTED (60255500)

LOCATION	STATION	STATION	LENGTH	WIDTH	SQ YDS	STATION	OFFSET	EACH	STATION	OFFSET	EACH
BEGIN SECTION	92+58.00	92+63.00	5.0	58.0	32.2	93+87.19	16.97' LT	1.0	95+67.98	18.27' LT	1.0
S. WRIGHT ST.	4+07.00	4+12.00	5.0	51.0	28.3	97+54.79	16.15' LT	1.0	100+18.51	17.73' LT	1.0
N. WRIGHT ST.	5+25.94	5+26.94	1.0	117.0	13.0	100+22.24	14.88' RT	1.0	103+80.66	17.91' LT	1.0
ROMINE ST.	10+50.33	10+55.33	5.0	22.0	12.2	100+34.55	20.92' LT	1.0	103+97.61	27.45' RT	1.0
S. MATHEWS AVE.	14+37.00	14+42.00	5.0	34.0	18.9	104+22.26	14.97' LT	1.0	103+97.80	26.27' LT	1.0
N. MATHEWS AVE.	15+47.91	15+52.91	5.0	22.0	12.2	108+28.04	12.77' LT	1.0	104+01.66	41.99' RT	1.0
S. GOODWIN AVE.	19+11.50	19+16.50	5.0	55.0	30.6	108+63.08	44.17' LT	1.0	104+12.72	17.98' LT	1.0
N. GOODWIN AVE.	20+83.48	20+88.48	5.0	36.0	20.0	108+74.44	40.95' RT	1.0	108+07.94	27.16' RT	1.0
HARVEY ST.	24+46.13	24+51.13	5.0	23.0	12.8	108+89.13	25.76' LT	1.0	108+55.32	19.76' LT	1.0
GREGORY ST.	29+45.36	29+50.36	5.0	23.0	12.8	115+29.78	23.50' LT	1.0	113+08.05	13.58' RT	1.0
S. LINCOLN AVE.	33+93.33	33+98.33	5.0	57.0	31.7	115+68.68	24.13' LT	1.0	117+65.80	17.64' LT	1.0
S. LINCOLN AVE.	34+71.00	34+73.00	2.0	192.0	42.7	118+11.84	22.85' LT	1.0	117+71.61	12.15' RT	1.0
N. LINCOLN AVE.	35+27.00	35+29.00	2.0	260.0	57.8	121+38.70	25.47' LT	1.0	119+69.64	21.96' RT	1.0
N. LINCOLN AVE.	36+19.16	36+24.16	5.0	52.0	28.9	121+40.25	72.01' RT	1.0	121+38.47	98.65' LT	1.0
RR CROSSING (WEST)			10.0	182.0	202.2	121+40.67	112.17' LT	1.0	121+46.81	12.11' RT	1.0
RR CROSSING (EAST)			10.0	200.0	222.2	121+41.39	55.06' LT	1.0	121+67.49	76.63' RT	1.0
RR CROSSING (WEST)			5.0	182.0	101.1	126+99.92	36.58' LT	1.0	121+67.92	101.52' LT	1.0
RR CROSSING (EAST)			5.0	200.0	111.1	127+04.66	34.64' LT	1.0	121+69.28	35.37' RT	1.0
S. BUSEY AVE.	39+45.40	39+50.40	5.0	23.0	12.8	131+40.03	19.50' RT	1.0	121+78.03	14.85' RT	1.0
S. BUSEY AVE.	39+75.00	39+76.00	1.0	65.0	7.2	131+94.72	11.63' RT	1.0	123+39.39	20.29' LT	1.0
N. BUSEY AVE.	40+24.00	40+25.00	1.0	80.0	8.9	131+98.31	16.26' LT	1.0	127+31.01	15.19' RT	1.0
N. BUSEY AVE.	40+48.77	40+53.77	5.0	28.0	15.6	131+98.66	14.09' RT	1.0	127+31.05	17.61' LT	1.0
S. COLER AVE.	44+20.00	44+25.00	5.0	35.0	19.4	134+80.34	16.73' RT	1.0	131+63.40	19.14' LT	1.0
S. COLER AVE.	44+68.00	44+70.00	2.0	81.0	18.0	134+85.36	16.95' RT	1.0	132+50.54	17.40' RT	1.0
N. COLER AVE.	45+23.00	45+25.00	2.0	85.0	18.9	134+92.18	20.53' RT	1.0	134+45.11	14.69' RT	1.0
N. COLER AVE.	45+75.00	45+80.00	5.0	33.0	18.3	135+34.54	32.39' LT	1.0	134+60.89	18.24' RT	1.0
ORCHARD ST.	24.0' LT	26.0' LT	2.0	95.0	21.1	140+07.15	9.38' RT	1.0	135+40.70	13.85' RT	1.0
ORCHARD ST.	32.83' LT	37.83' LT	5.0	50.0	27.8	141+62.62	13.24' RT	1.0	135+74.95	27.46' LT	1.0
S. McCULLOUGH ST.	22.0' RT	24.0' RT	2.0	108.0	24.0	143+09.58	11.98' RT	1.0	139+32.53	19.05' RT	1.0
N. McCULLOUGH ST.	50+22.00	50+24.00	2.0	92.0	20.4	145+66.31	9.22' RT	1.0	139+86.19	18.82' RT	1.0
S. McCULLOUGH ST.	23.0' RT	24.0' RT	1.0	108.0	12.0	145+80.94	19.42' RT	1.0	140+10.01	14.81' RT	1.0
N. McCULLOUGH ST.	50+23.00	50+24.00	1.0	92.0	10.2	150+23.11	22.61' RT	1.0	142+83.21	21.95' RT	1.0
CENTRAL AVE.	55+24.00	55+25.00	1.0	62.0	6.9				145+36.54	14.46' RT	1.0
CENTRAL AVE.	55+50.82	55+55.82	5.0	24.0	13.3		TOTAL =	32.0	145+51.07	27.67' LT	1.0
LAKE ST.	60+24.00	60+25.00	1.0	47.0	5.2				146+32.84	21.77' RT	1.0
LAKE ST.	60+39.34	60+44.34	5.0	22.0	12.2				148+04.63	15.13' RT	1.0
S. RACE ST.	64+32.00	64+37.00	5.0	26.0	14.4				150+34.70	15.17' RT	1.0
S. RACE ST.	64+74.00	64+76.00	2.0	75.0	16.7						
N. RACE ST.	65+26.00	65+28.00	2.0	65.0	14.4					TOTAL =	37.0
N. RACE ST.	65+49.61	65+54.61	5.0	22.0	12.2						
END SECTION	152+40.42	152+50.42	10.0	64.0	71.1						
END SECTION	152+45.42	152+50.42	5.0	64.0	35.6						

TOTAL = 1,428.0

COLD MILLING SPECIAL (Z0010900)

STATION	STATION	LT (FEET)	RT (FEET)
92+58.00	94+28.00	170.0	
92+58.00	94+36.00		178.0
S. WRIGHT ST.		16.0	
S. WRIGHT ST.			90.0
95+46.00	99+69.00	423.0	
95+51.00	101+37.00		586.0
100+33.00	103+60.00	327.0	
104+33.00	108+10.00	377.0	
108+96.50	120+79.00	1,182.5	
112+32.00	112+92.50		60.5
113+54.00	117+55.00		401.0
GREGORY ST.		18.0	
N. LINCOLN AVE.		45.0	
N. LINCOLN AVE.			215.0
S. LINCOLN AVE.			100.0
122+34.00	122+65.50		31.5
122+96.00	126+75.00		379.0
123+46.00	126+72.00	326.0	
N. BUSEY AVE.		45.0	
S. BUSEY AVE.		43.0	
127+54.00	131+38.00	384.0	
127+54.00	131+43.00		389.0
S. COLER AVE.		42.5	
S. COLER AVE.			9.0
132+27.00	139+24.00		697.0
133+07.00	135+35.00	232.0	
140+53.00	150+12.00		959.0
145+91.50	147+96.00	204.5	
148+48.00	150+09.00	161.0	
S. RACE ST.		41.0	
S. RACE ST.			19.0
N. RACE ST.			38.0
150+85.00	152+50.42	166.0	
150+90.00	152+50.42		160.0
SUBTOTALS =		4,203.5	4,312.0
TOTAL =			8,516.0

DETECTOR LOOP TYPE I (88600100)

INTERSECTION	LEG	FT
WRIGHT ST.	WEST	166.0
	SOUTH	154.0
	EAST	233.0
	SUBTOTAL =	553.0
GOODWIN AVE.	WEST	280.0
	NORTH	163.0
	EAST	224.0
	SOUTH	240.0
	SUBTOTAL =	907.0
LINCOLN AVE.	WEST	356.0
	NORTH	229.0
	EAST	397.0
	SOUTH	232.0
	SUBTOTAL =	1,214.0
COLER AVE.	WEST	213.0
	NORTH	166.0
	EAST	320.0
	SOUTH	139.0
	SUBTOTAL =	838.0
ORCHARD ST.	WEST	223.0
	EAST	75.0
	SUBTOTAL =	298.0
McCULLOUGH ST.	WEST	237.0
	EAST	236.0
	SUBTOTAL =	473.0
RACE ST.	WEST	205.0
	NORTH	30.0
	EAST	159.0
	SOUTH	60.0
	SUBTOTAL =	454.0
BROADWAY AVE.	WEST (ADV)	64.0
	TOTAL =	4,801.0

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION	(78100100)		
	RAISED REFLECTIVE PAVEMENT MARKERS		
	TWO-WAY AMBER	ONE-WAY AMBER	ONE-WAY CRYSTAL
	EACH	EACH	EACH
STA. 92+58.00 TO STA. 94+50.00	6.0	4.0	7.0
S. WRIGHT STREET	4.0		2.0
STA. 95+40.00 TO STA. 99+65.00	22.0		14.0
STA. 99+65.00 TO STA. 103+65.00	8.0	12.0	17.0
S. MATHEWS AVENUE	2.0		1.0
STA. 103+65.00 TO STA. 108+20.00	21.0		20.0
N. GOODWIN AVENUE	2.0		1.0
S. GOODWIN AVENUE	2.0		2.0
STA. 108+90.00 TO STA. 113+00.00	20.0		13.0
STA. 113+00.00 TO STA. 117+60.00	20.0		12.0
STA. 117+60.00 TO STA. 121+30.00	16.0		11.0
N. LINCOLN AVENUE	4.0		4.0
S. LINCOLN AVENUE	4.0		3.0
STA. 121+90.00 TO STA. 126+90.00	23.0		15.0
STA. 126+90.00 TO STA. 131+55.00	21.0		15.0
N. COLER AVENUE	2.0		1.0
S. COLER AVENUE	2.0		1.0
STA. 132+10.00 TO STA. 135+40.00	16.0		15.0
STA. 135+80.00 TO STA. 139+75.00	11.0	9.0	13.0
STA. 140+50.00 TO STA. 145+15.00	23.0		16.0
STA. 145+15.00 TO STA. 147+95.00	10.0		6.0
STA. 147+95.00 TO STA. 150+35.00	8.0	5.0	10.0
S. RACE STREET	2.0		
STA. 150+80.00 TO STA. 152+50.42	6.0	4.0	7.0
GRAND TOTALS	255.0	34.0	206.0

PAVEMENT MARKING SCHEDULE

LOCATION	(78000200)					(78000400)	(78000600)		(78000650)	(78000100)			(70300100)	(70301000)
	THERMOPLASTIC PAVEMENT MARKING LINE, 4"					THERMOPLASTIC PVMT MARKING LINE, 6"	THERMOPLASTIC PAVEMENT MARKING LINE, 12"		THERMOPLASTIC PVMT MARKING LINE, 24"	THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS			SHORT-TERM PAVEMENT MARKING	WORK ZONE PVMT MARKING REMOVAL
	LANE LINE SKIP DASH (WHITE)	TURN LANE SOLID (YELLOW)	TURN LANE SKIP DASH (YELLOW)	TURN LANE SOLID (WHITE)	CONC MEDIAN SOLID (YELLOW)	CROSSWALK / RADIUS SOLID (WHITE)	DIAGONAL SOLID (YELLOW)	DIAGONAL SOLID (WHITE)	STOP BAR SOLID (WHITE)	TURN ARROW (WHITE)	RR "X" (WHITE)	RR "R" (WHITE)	FT	SQ FT
FT	FT	FT	FT	FT	FT	FT	FT	FT	SQ FT	SQ FT	SQ FT			
STA. 92+58.00 TO STA. 94+50.00	86.0	562.0		70.0		120.0	24.0		35.0	31.2		614.8	102.4	
S. WRIGHT STREET		93.0		47.0		149.0		38.0	15.6			484.2	80.6	
STA. 95+40.00 TO STA. 99+65.00	205.0	808.0	104.0	114.0		117.0		35.0	109.2			851.6	141.8	
STA. 99+65.00 TO STA. 103+66.00	200.5	1,084.0		215.0			90.0		46.8			420.2	70.0	
S. MATHEWS AVENUE		8.0		4.0		80.0		22.0				266.4	44.4	
STA. 103+66.00 TO STA. 108+20.00	220.5	740.0	117.0	237.0		158.0		51.0	140.4			1,077.4	179.4	
N. GOODWIN AVENUE		74.0		37.0		118.0		29.0	15.6			370.2	61.6	
S. GOODWIN AVENUE		60.0		60.0		259.0	48.0	39.0	31.2			492.0	81.9	
STA. 108+90.00 TO STA. 113+00.00	195.0	752.0	112.0	95.0		159.0		36.0	93.6			847.0	141.0	
STA. 113+00.00 TO STA. 117+52.00	226.0	776.0	194.0						93.6			491.2	81.8	
STA. 117+52.00 TO STA. 121+30.00	177.5	566.0	76.5	72.0		177.0		90.0	93.6	108.0	14.4	1,317.0	465.0	
N. LINCOLN AVENUE	51.7	102.0		48.0	169.0	145.0		49.0	31.2			634.0	105.6	
S. LINCOLN AVENUE	50.7	94.0		47.0	52.0	160.0		36.0	15.6			491.0	81.8	
STA. 121+90.00 TO STA. 126+85.00	240.5	874.0	149.5	75.0		160.0		84.0	93.6	108.0	14.4	1,400.7	155.5	
STA. 126+85.00 TO STA. 131+60.00	228.5	772.0	131.0	82.0		123.0		34.0	93.6			1,299.6	144.3	
N. COLER AVENUE		62.0		31.0		102.0		21.0	15.6			270.6	45.1	
S. COLER AVENUE		62.0		29.0		91.0		24.0	15.6			306.2	51.0	
STA. 132+05.00 TO STA. 135+35.00	143.5	576.0		165.0		261.0		69.0	78.0			1,636.5	181.7	
ORCHARD STREET						123.0		35.0				420.0	69.9	
STA. 135+85.00 TO STA. 139+75.00	177.5	934.0	55.5	95.0		234.0	78.0	56.0	62.4			1,596.3	177.2	
STA. 140+45.00 TO STA. 145+15.00	228.0	865.0	166.3	100.0		118.0		34.0	93.6			1,374.6	152.6	
STA. 145+15.00 TO STA. 147+95.00	133.5	422.0	105.5						62.4			397.8	44.2	
STA. 147+95.00 TO STA. 150+35.00	111.0	448.0		105.0		114.0	11.0	33.0	46.8			693.1	99.1	
N. RACE STREET						78.0		14.0				168.0	28.0	
S. RACE STREET		52.0				77.0		16.0				202.4	33.7	
STA. 150+85.00 TO STA. 152+50.42	83.5	482.0		93.0		123.0	9.0	34.0	31.2			885.3	98.3	
GRAND TOTALS	2,759.0	11,268.0	1,212.0	1,821.0	221.0	3,246.0	212.0	48.0	914.0	1,311.0	216.0	29.0	19,209.0	2,918.0

SURVEY MONUMENT COVER ASSEMBLY (X0070100)

STATION	LOCATION	EACH
5+26.94 (P.C.)	N. WRIGHT ST.	1.0
100+54.90 (P.I.)	US 150	1.0
111+58.44 (P.I.)	US 150	1.0
127+83.89 (P.I.)	US 150	1.0
146+51.37 (P.I.)	US 150	1.0
150+00.36 (P.C.)	US 150	1.0
TOTAL =		6.0

PAVEMENT MARKING GROOVING (X0325605)

LOCATION	MOVEMENT	SQ FT
N. LINCOLN AVE.	SB TO EB	10.9
S. LINCOLN AVE.	NB TO WB	10.1
TOTAL =		21.0

EXIST. CURVE 11
 PI STA. = 5+76.94
 $\Delta = 14^\circ 27' 36''$ (RT)
 $D = 14^\circ 32' 14''$
 $R = 394.13'$
 $T = 50.00'$
 $L = 99.47'$
 $E = 3.16'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 5+26.94$
 $P.T. \text{ STA.} = 6+26.41$



92+00.00

98+00.00

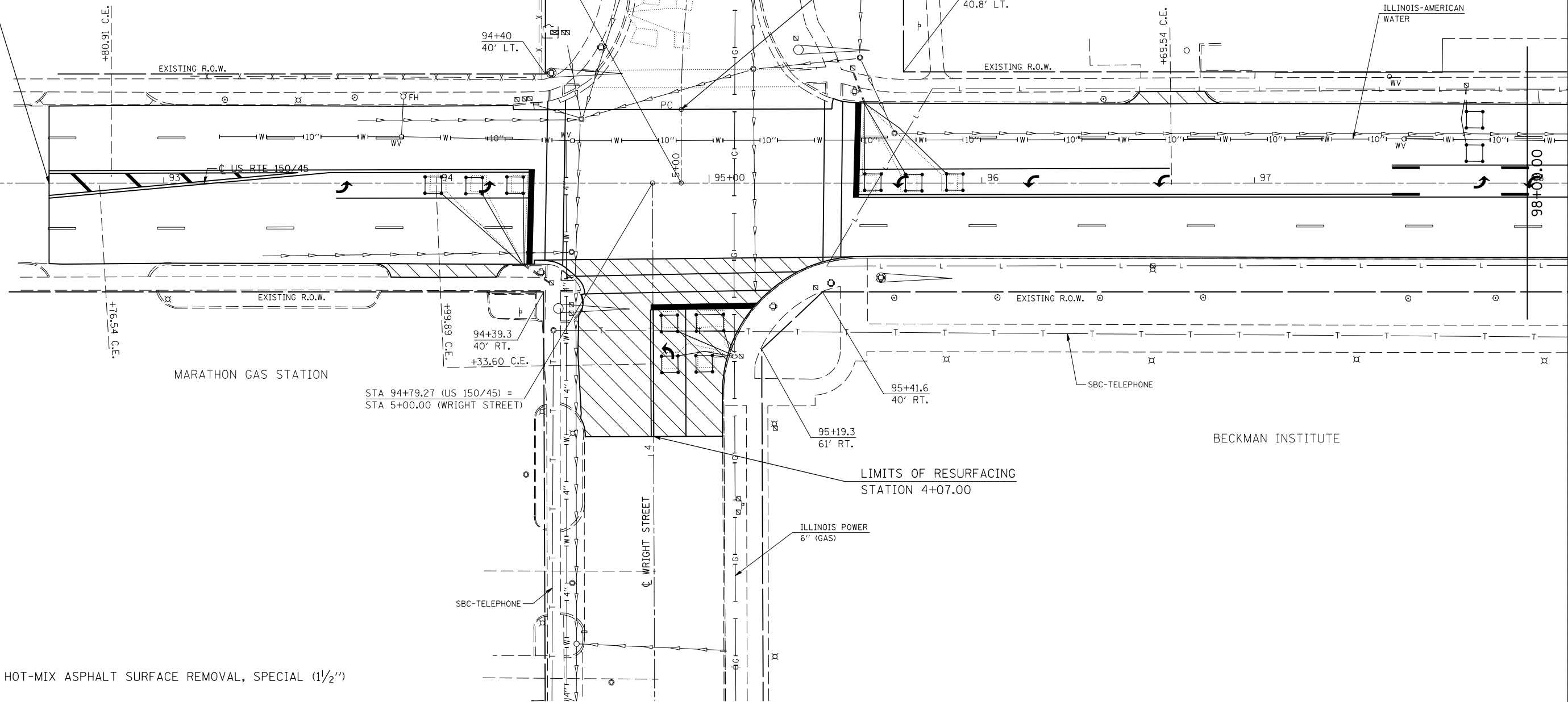
BEGIN SECTION (28Z)RS-5
 STATION 92+58.00

STA 94+89.79 (US 150/45) =
 STA 5+00.00 (WRIGHT STREET)

LIMITS OF RESURFACING
 STATION 5+26.94

COMMUNITY BLOOD
 SERVICES OF ILLINOIS

ILLINOIS-AMERICAN
 WATER



MARATHON GAS STATION

STA 94+79.27 (US 150/45) =
 STA 5+00.00 (WRIGHT STREET)

LIMITS OF RESURFACING
 STATION 4+07.00

BECKMAN INSTITUTE

ILLINOIS POWER
 6\" (GAS)

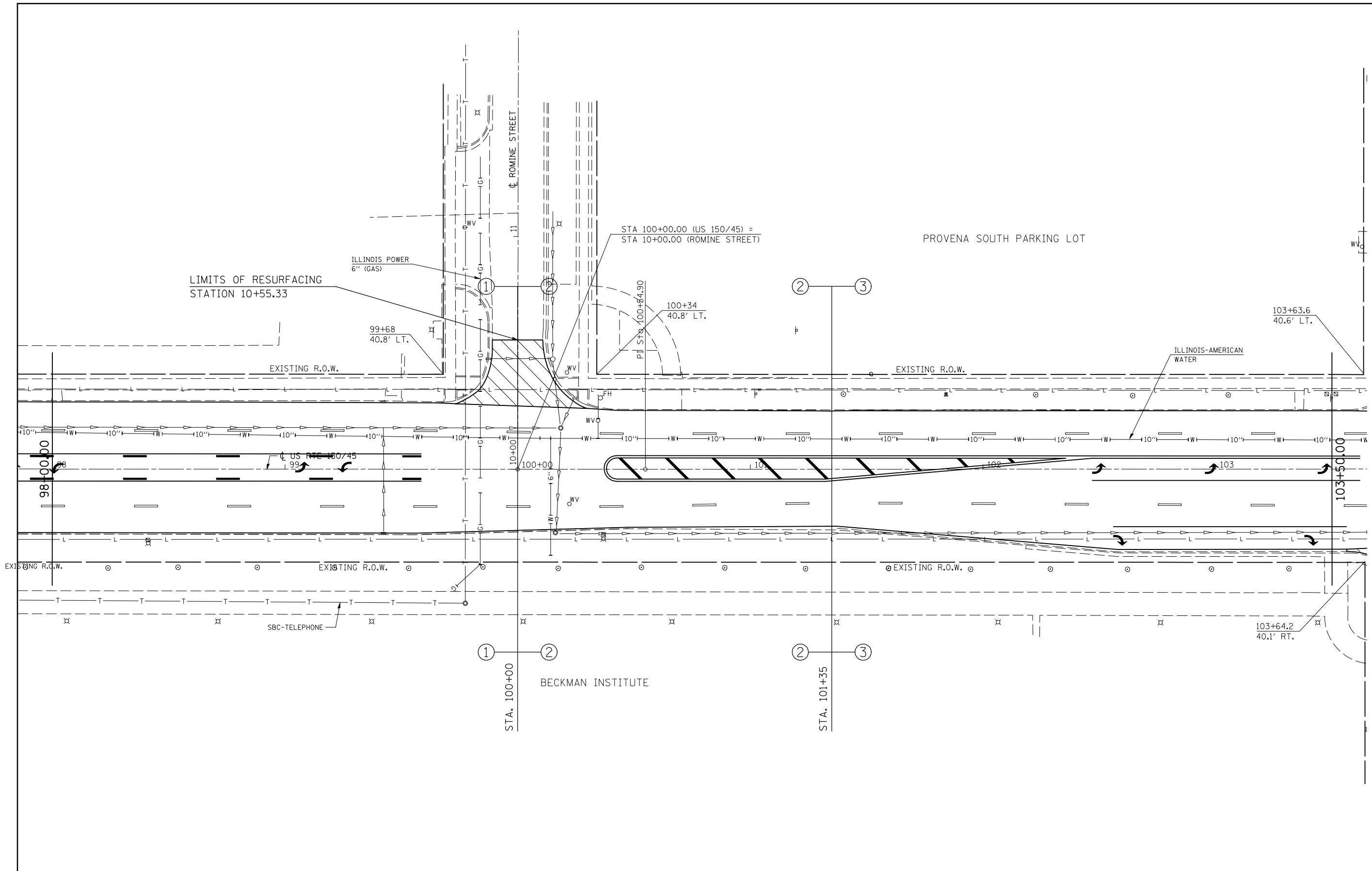
HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2\"/>

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PLOT DATE = 12/11/2009	DATE -		REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
 SCALE: SHEET NO. OF SHEETS STA. 92+00 TO STA. 98+00

F.A.P. RTE. 808	SECTION (28Z)RS-5	COUNTY Champaign	TOTAL SHEETS 59	SHEET NO. 30
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	



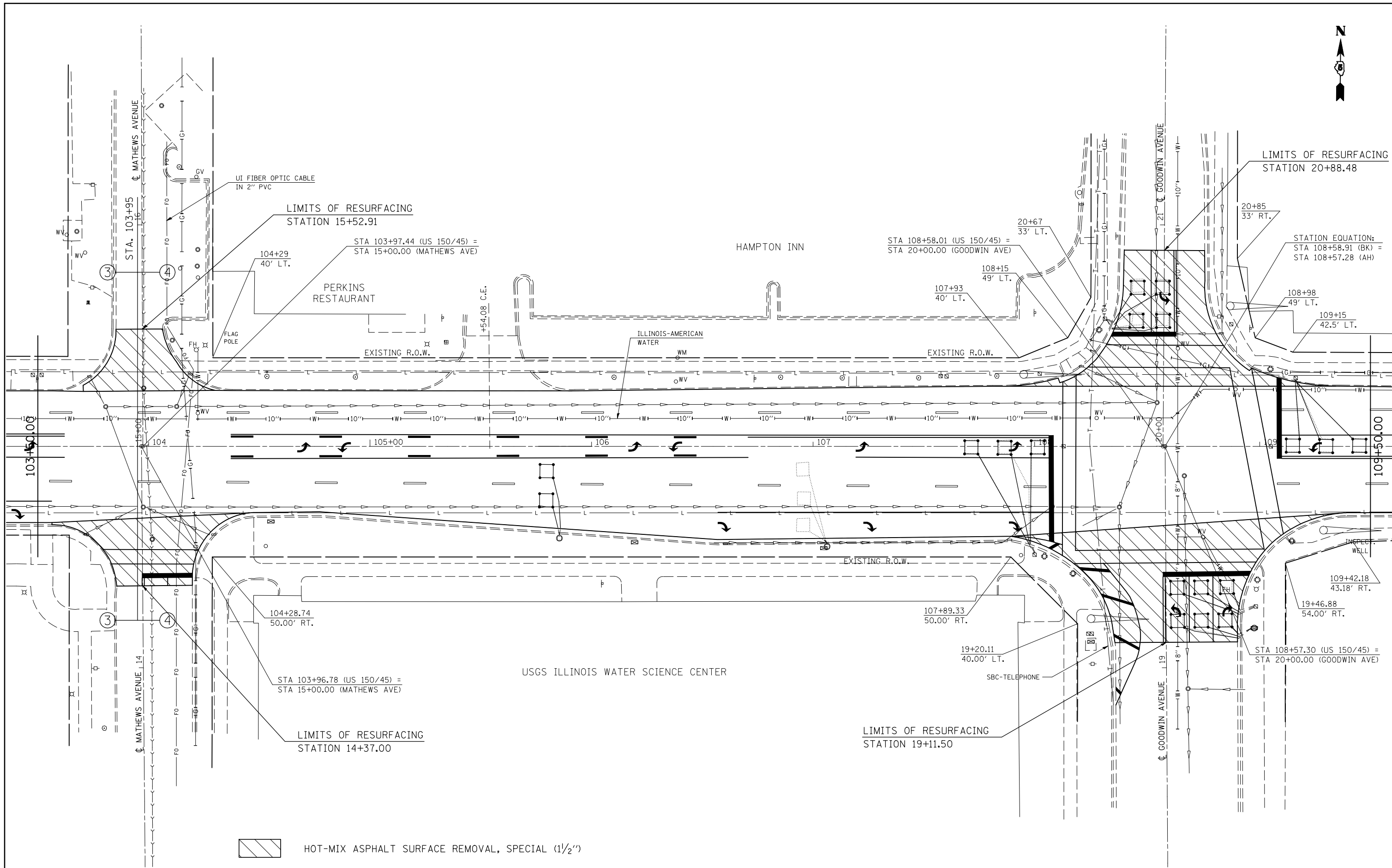
HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1/2")

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	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -
	PLOT DATE = 12/11/2009	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. 98+00 TO STA. 103+50

F.A.P. RTE. 808	SECTION (28Z/RS-5)	COUNTY Champaign	TOTAL SHEETS 59	SHEET NO. 31
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



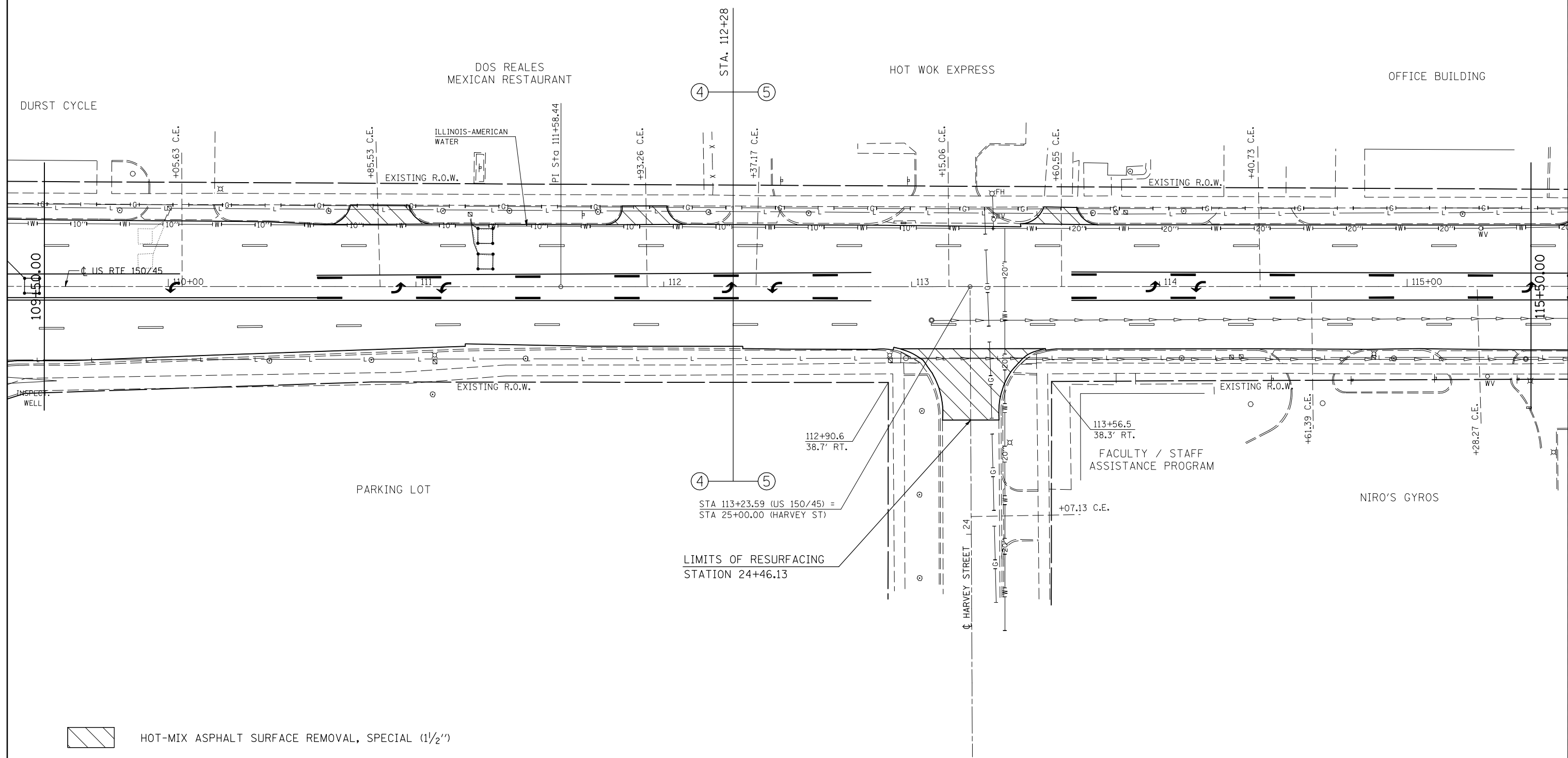
HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2")

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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. 103+50 TO STA. 109+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	32
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2")

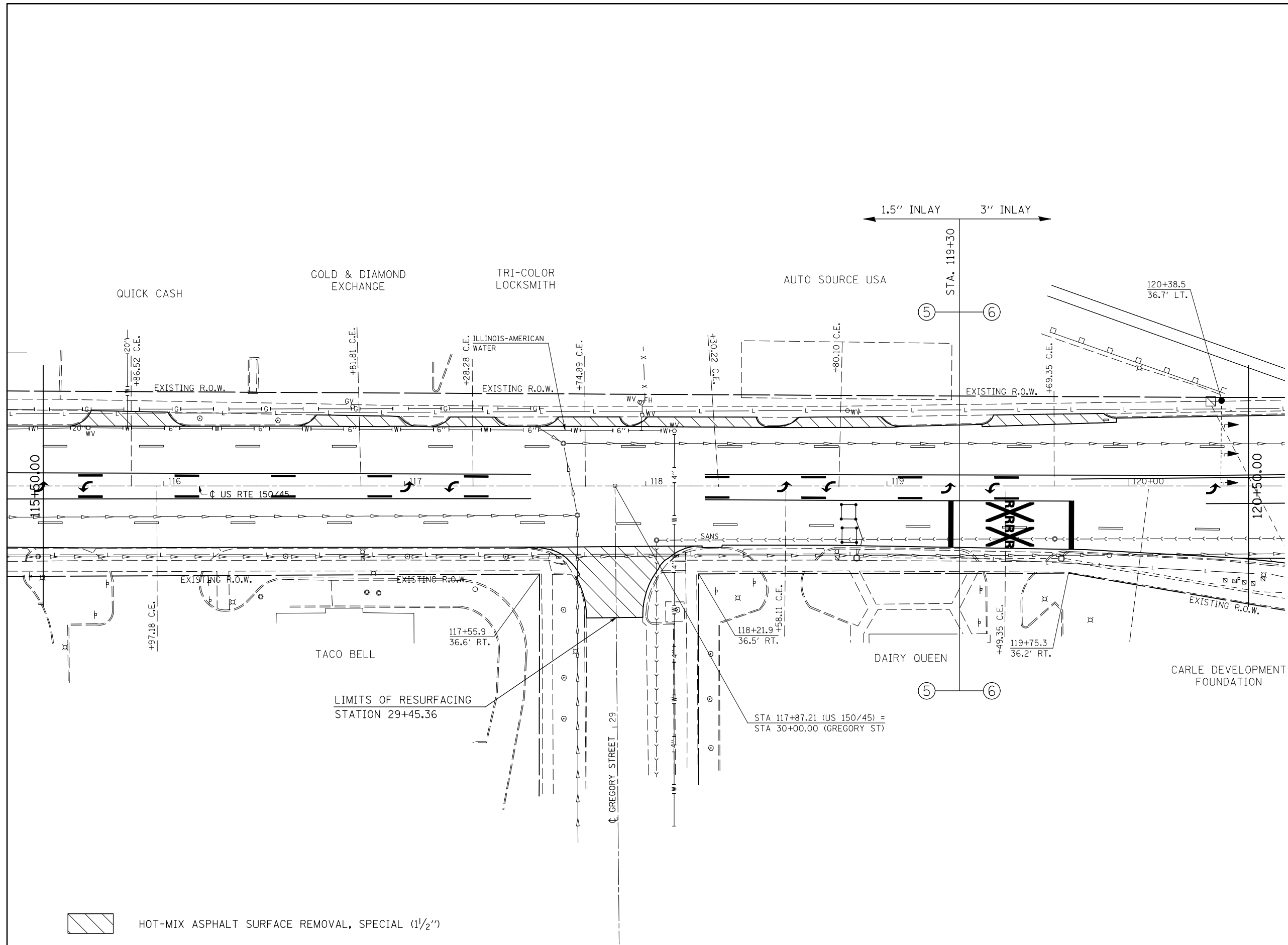
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. OF SHEETS STA. 109+50 TO STA. 115+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	33
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



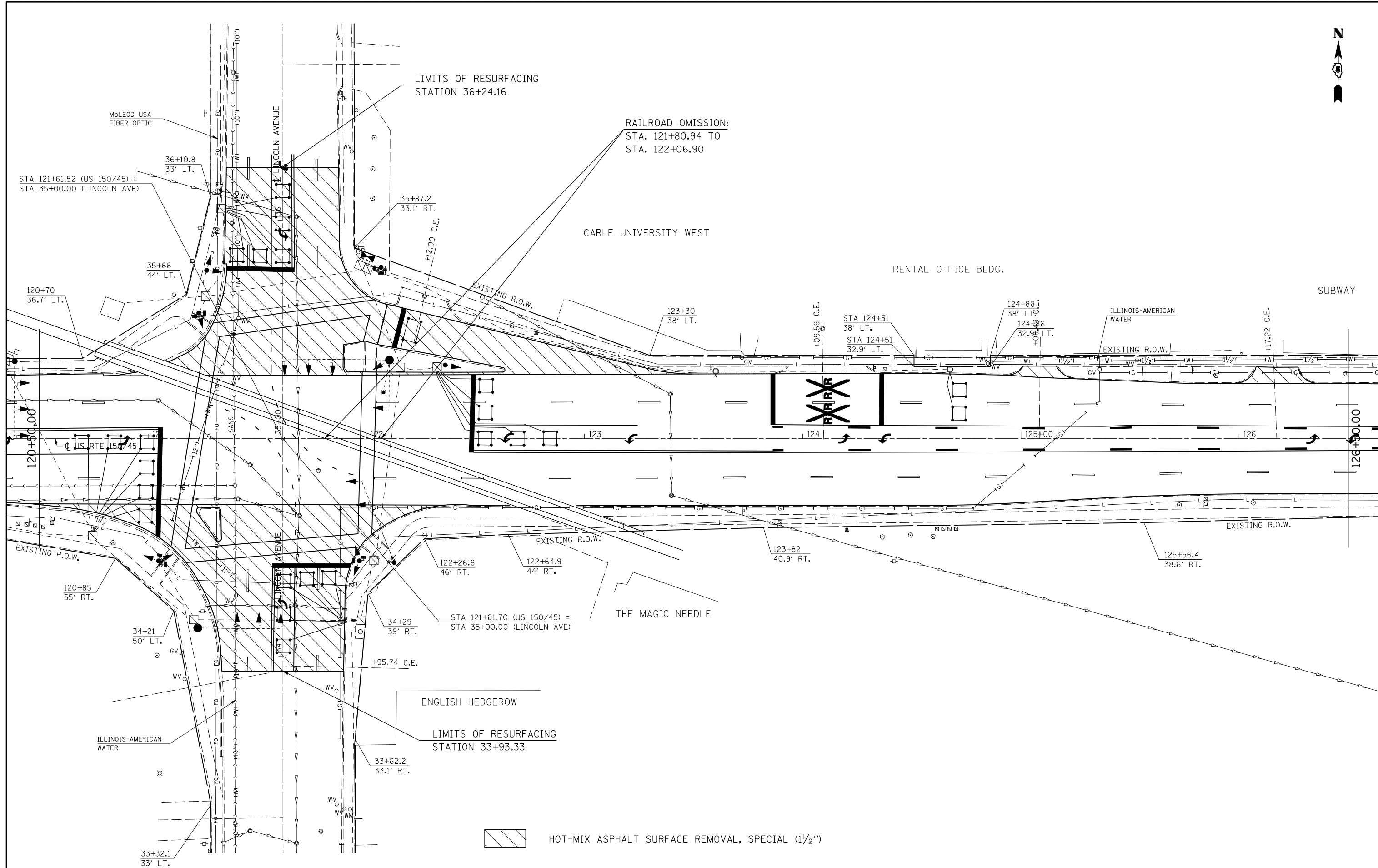
 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2")

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. 115+50 TO STA. 120+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	34
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

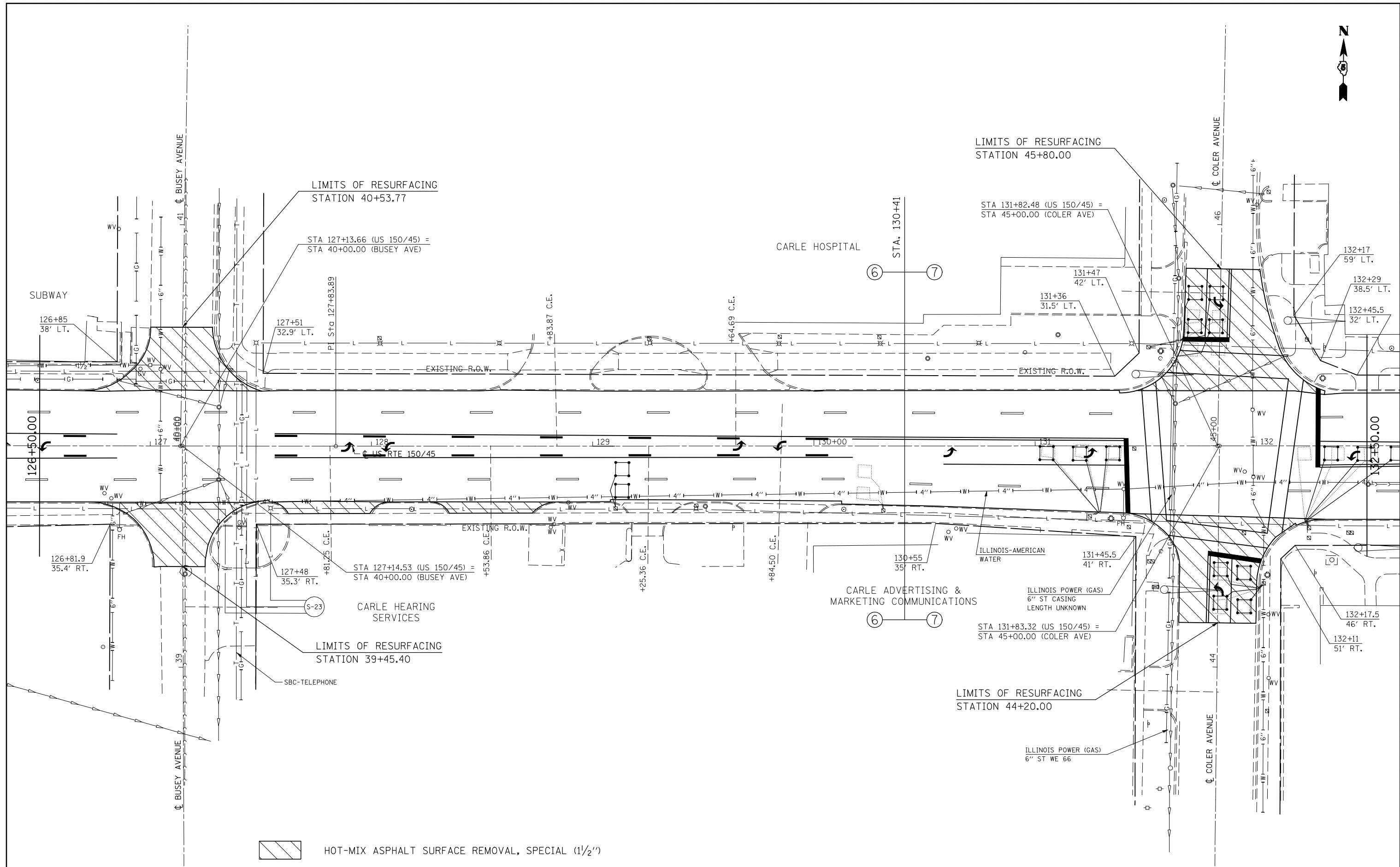


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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO. OF SHEETS	STA. 120+50 TO STA. 126+50	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	35
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	



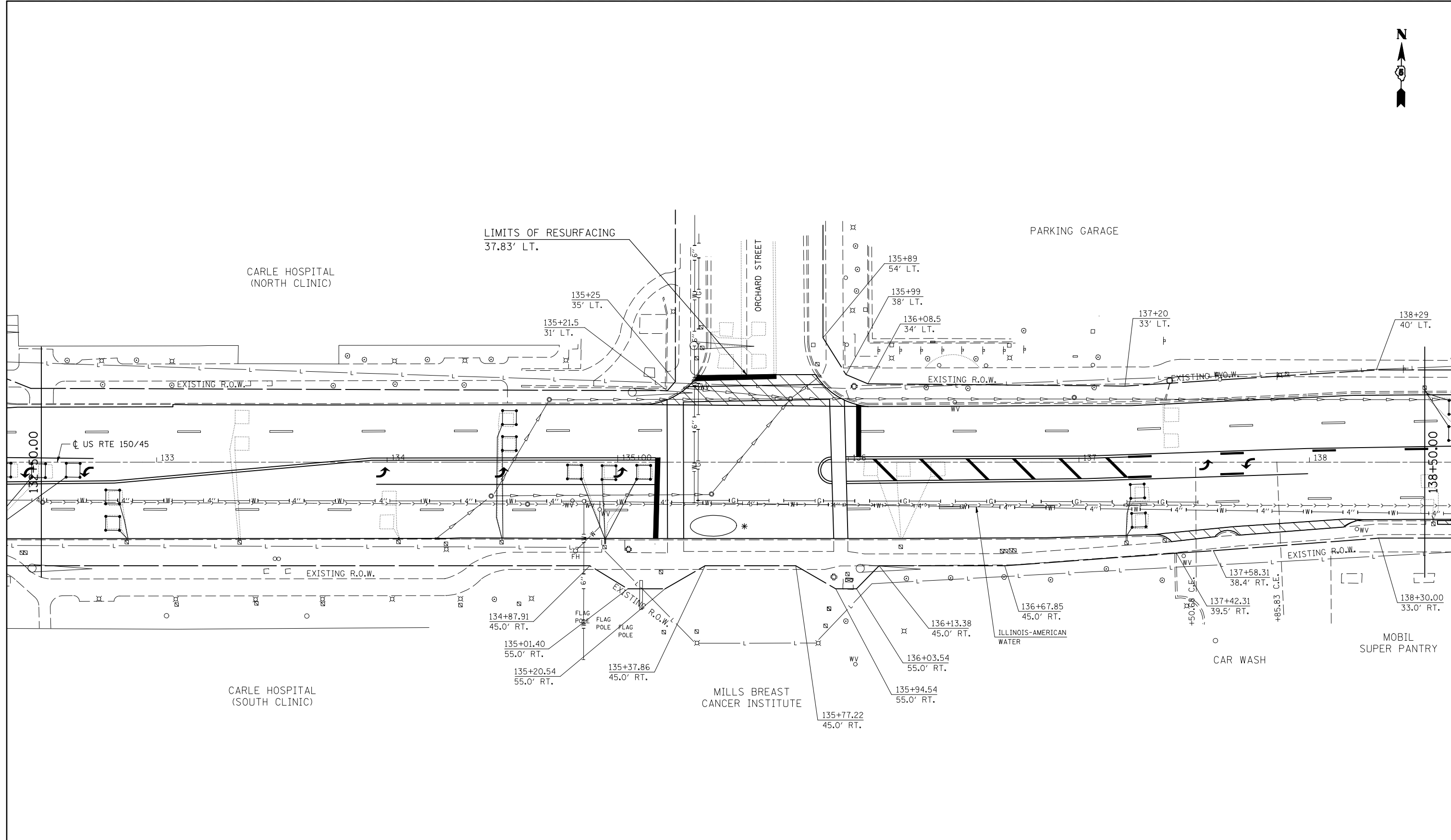
HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2")

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. 126+50 TO STA. 132+50

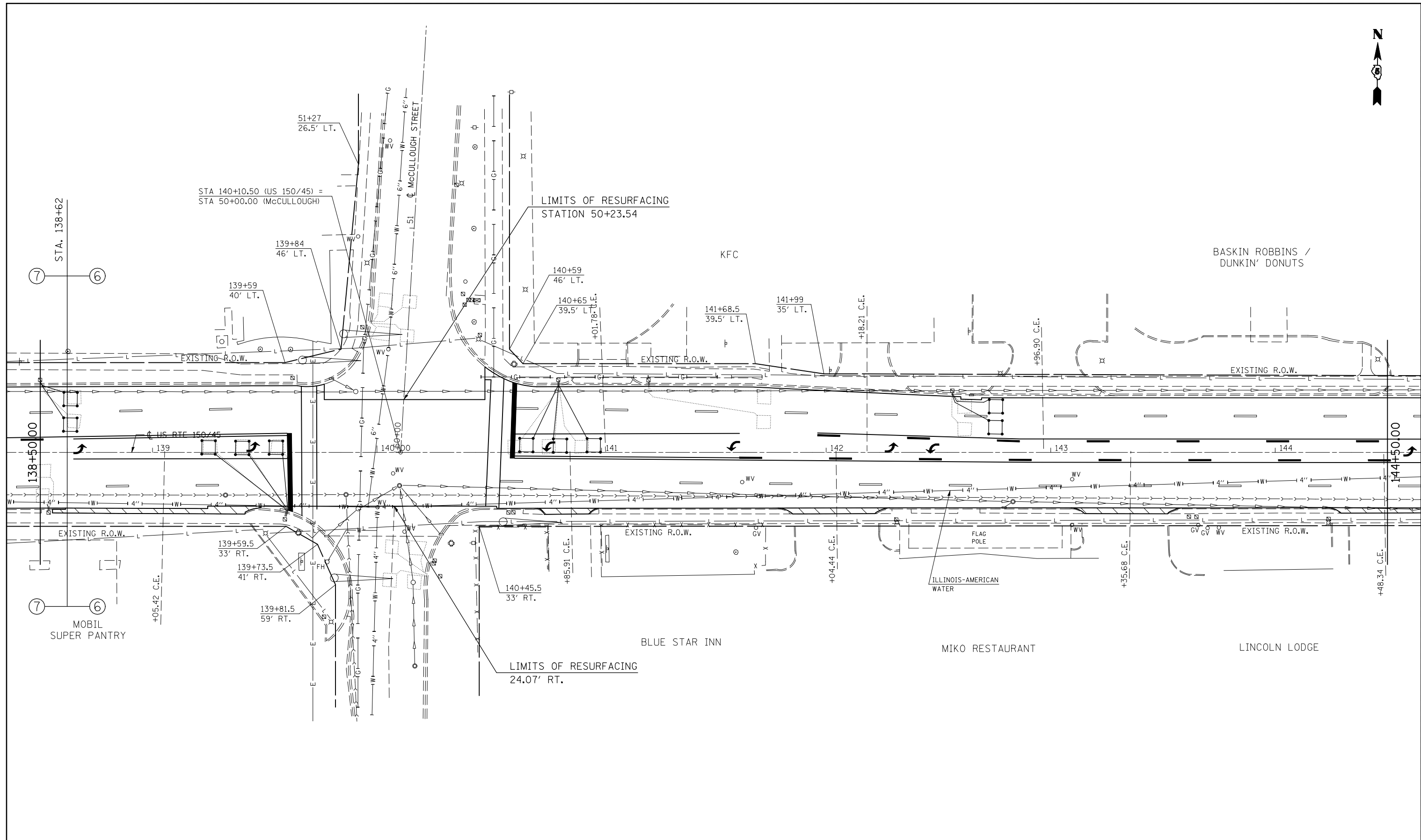
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	36
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



* PLAN NOTE: THE RESIDENT ENGINEER SHALL ADJUST THE ROADWAY PROFILE AND/OR CROSS-SLOPE AT THIS APPARENT LOW SPOT LOCATION DURING MILLING AND PAVING OPERATIONS TO ENSURE PROPER DRAINAGE.

HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1/2")

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwork\pwidot\BUCKLESJJ\d0141682\0570121-shr-plan1.dgn		DRAWN -	REVISED -			808	(28Z)RS-5	Champaign	59	37	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. 132+50 TO STA. 138+50		CONTRACT NO. 70121			
PLOT DATE = 12/11/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1 1/2")

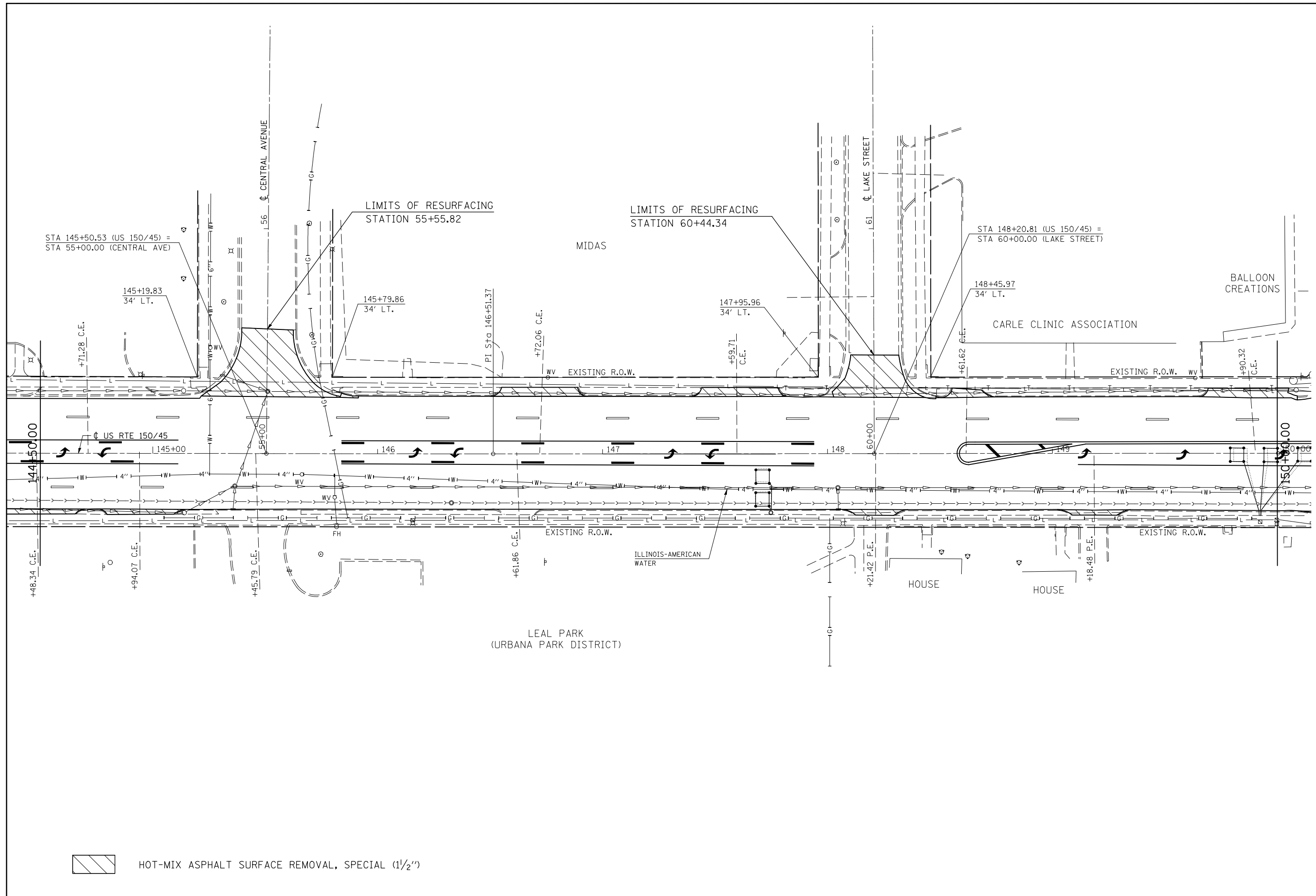
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. OF SHEETS STA. 138+50 TO STA. 144+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	38
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

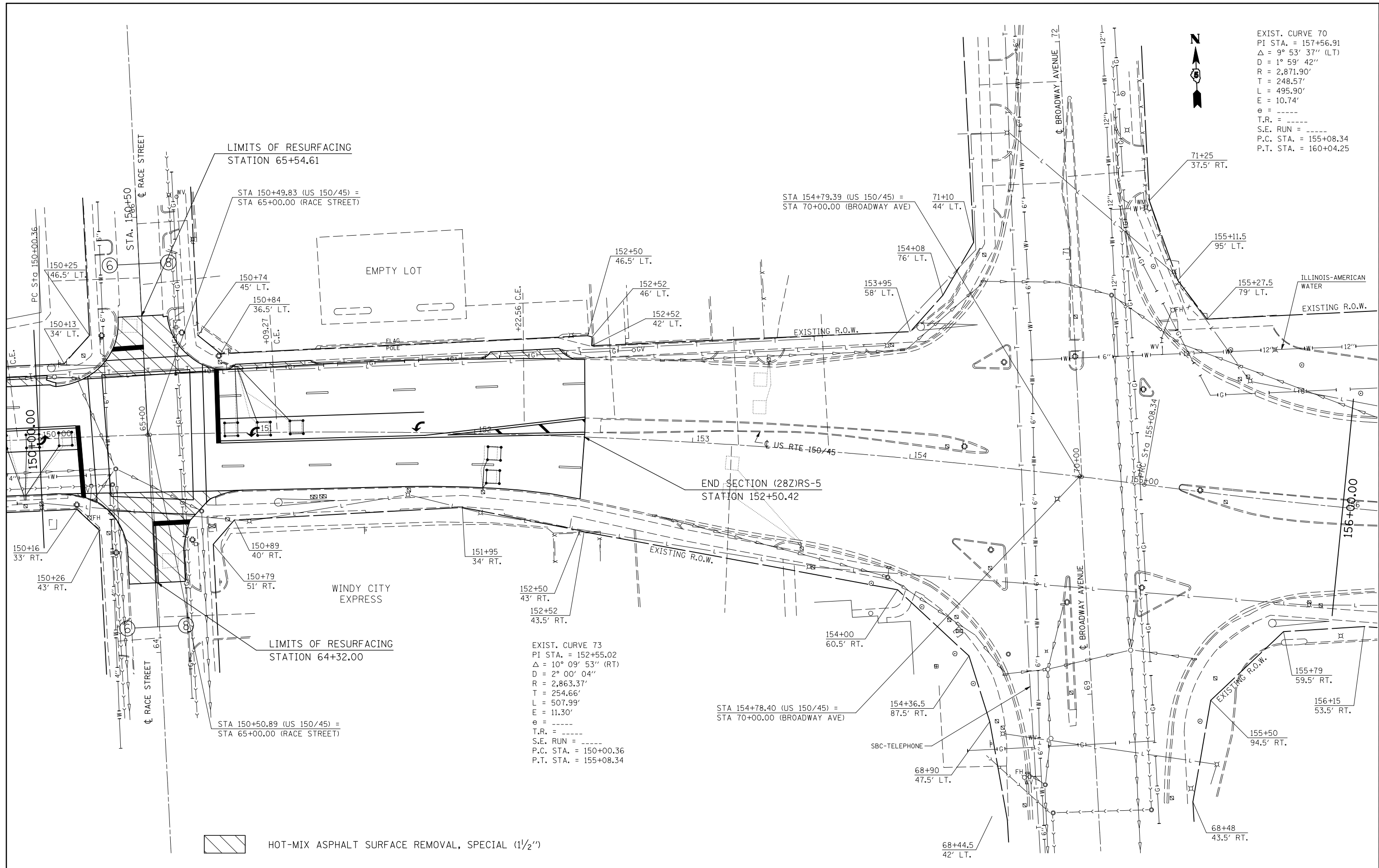
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. 144+50 TO STA. 150+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	39
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 70
 PI STA. = 157+56.91
 $\Delta = 9^\circ 53' 37''$ (LT)
 $D = 1^\circ 59' 42''$
 $R = 2,871.90'$
 $T = 248.57'$
 $L = 495.90'$
 $E = 10.74'$
 $e =$ ----
 $T.R. =$ ----
 $S.E. RUN =$ ----
 $P.C. STA. = 155+08.34$
 $P.T. STA. = 160+04.25$



HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (1/2")

EXIST. CURVE 73
 PI STA. = 152+55.02
 $\Delta = 10^\circ 09' 53''$ (RT)
 $D = 2^\circ 00' 04''$
 $R = 2,863.37'$
 $T = 254.66'$
 $L = 507.99'$
 $E = 11.30'$
 $e =$ ----
 $T.R. =$ ----
 $S.E. RUN =$ ----
 $P.C. STA. = 150+00.36$
 $P.T. STA. = 155+08.34$

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-plan1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	808	(28Z)RS-5	Champaign	59	40
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		STA. 150+00	TO STA. 156+00	CONTRACT NO. 70121					
PLOT DATE = 12/11/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

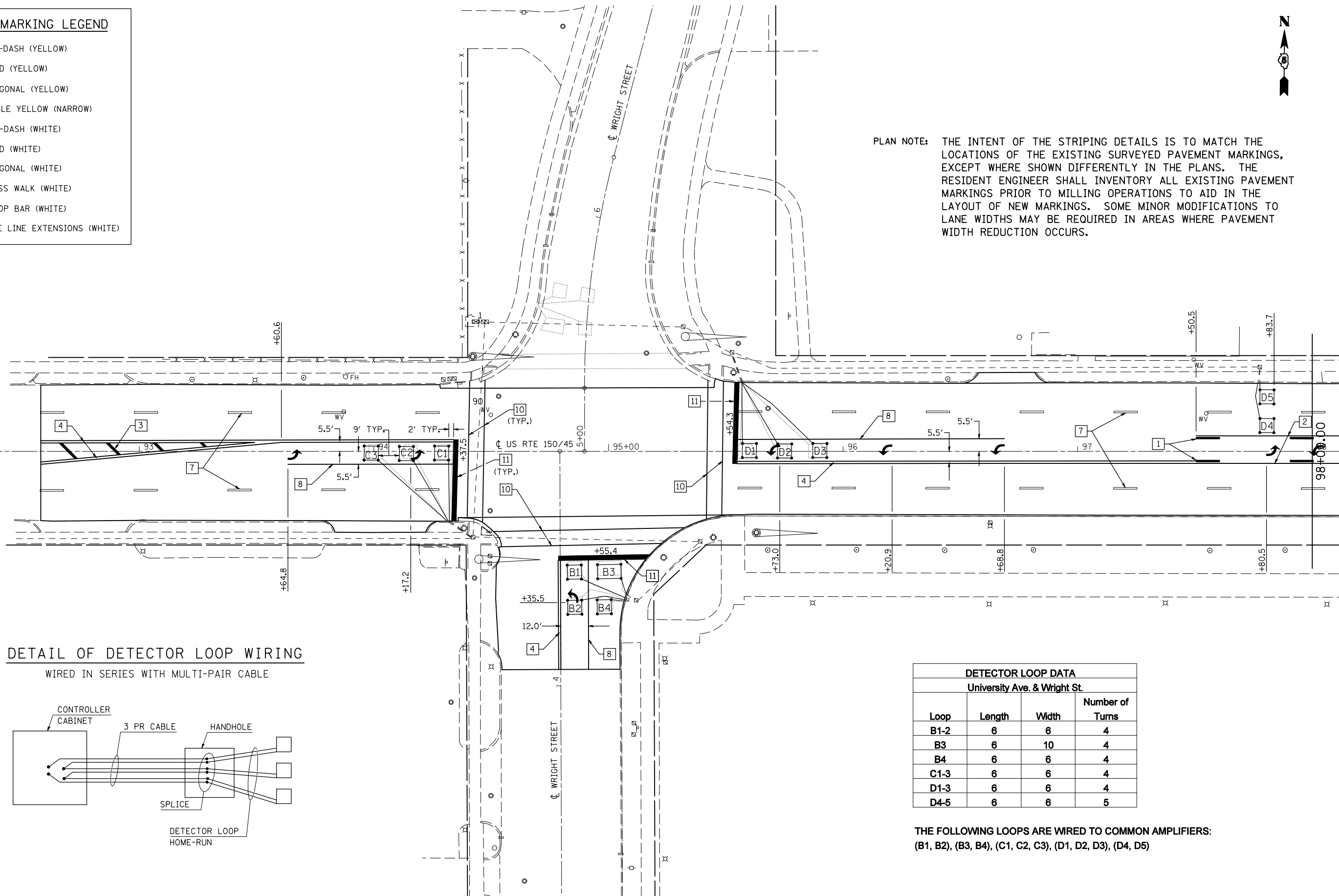
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)



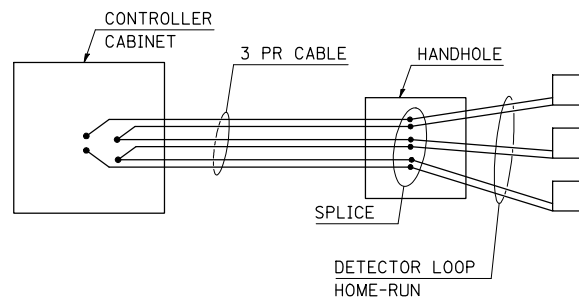
PLAN NOTE: THE INTENT OF THE STRIPING DETAILS IS TO MATCH THE LOCATIONS OF THE EXISTING SURVEYED PAVEMENT MARKINGS, EXCEPT WHERE SHOWN DIFFERENTLY IN THE PLANS. THE RESIDENT ENGINEER SHALL INVENTORY ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OPERATIONS TO AID IN THE LAYOUT OF NEW MARKINGS. SOME MINOR MODIFICATIONS TO LANE WIDTHS MAY BE REQUIRED IN AREAS WHERE PAVEMENT WIDTH REDUCTION OCCURS.

92+00.00



DETAIL OF DETECTOR LOOP WIRING

WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA			
University Ave. & Wright St.			
Loop	Length	Width	Number of Turns
B1-2	6	6	4
B3	6	10	4
B4	6	6	4
C1-3	6	6	4
D1-3	6	6	4
D4-5	6	6	5

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(B1, B2), (B3, B4), (C1, C2, C3), (D1, D2, D3), (D4, D5)

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

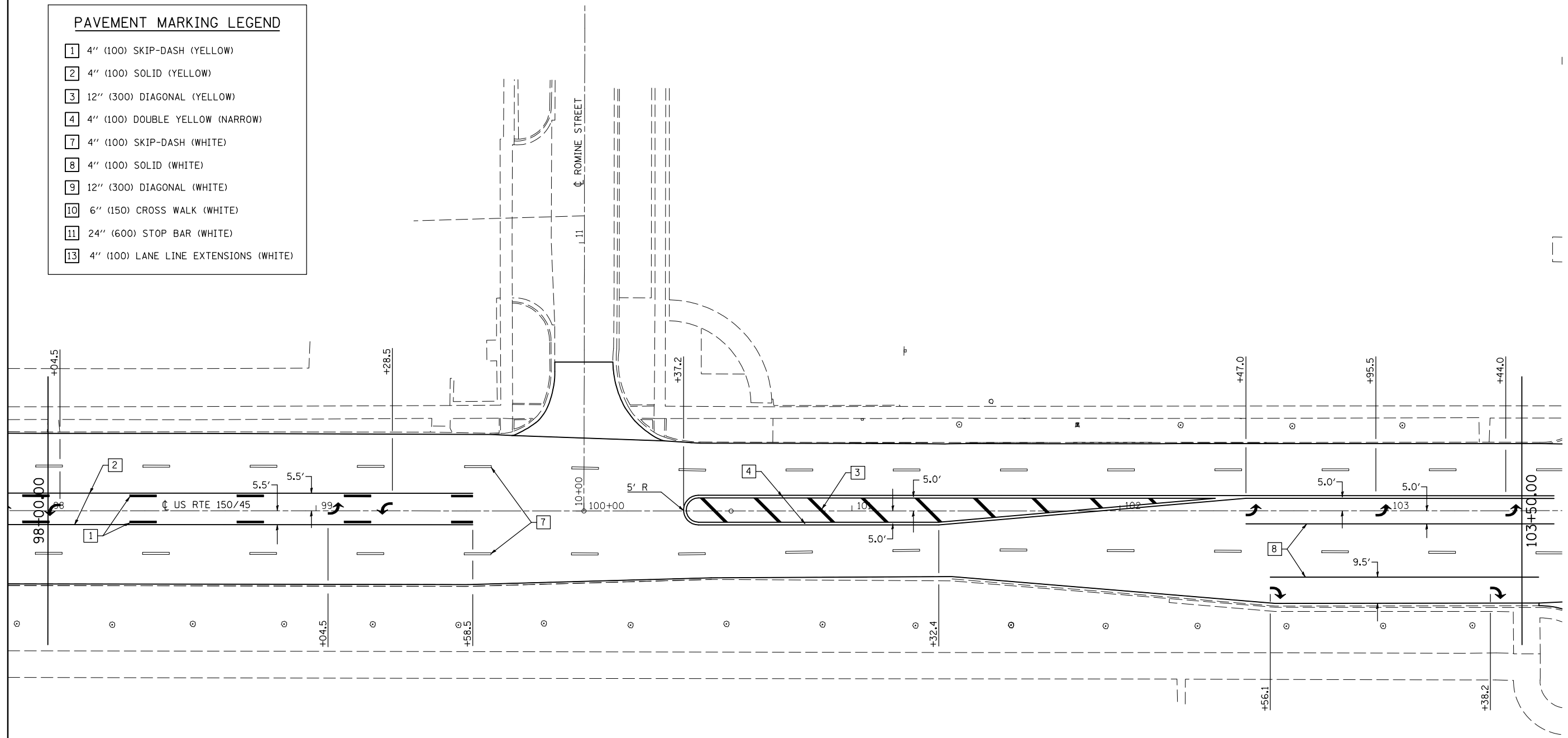
STRIPING & DETECTOR LOOP DETAIL

SCALE: SHEET NO. OF SHEETS STA. 92+00 TO STA. 98+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	



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)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -
et:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

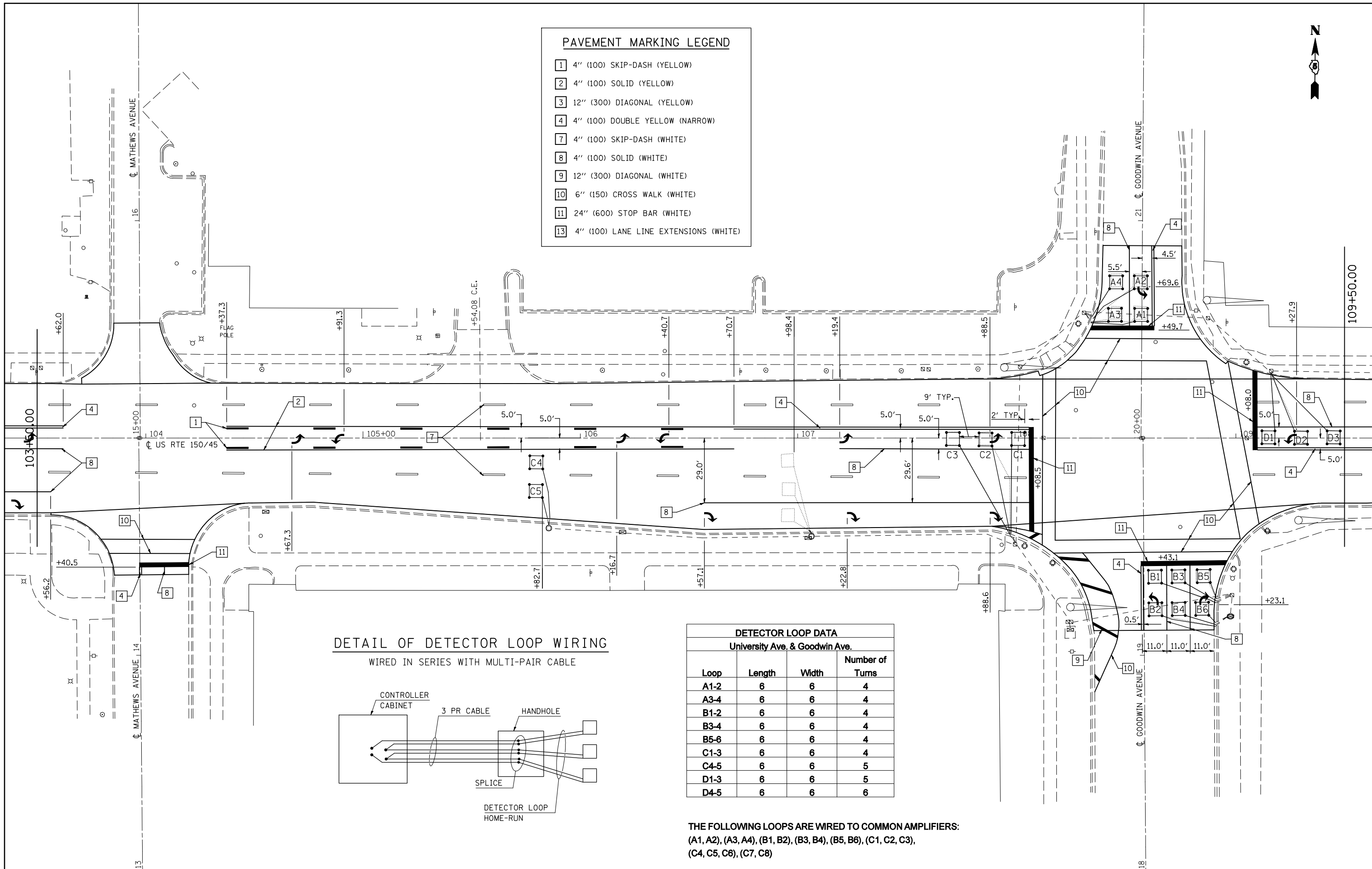
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING & DETECTOR LOOP DETAIL			
SCALE:	SHEET NO.	OF SHEETS	STA. 98+00 TO STA. 103+50

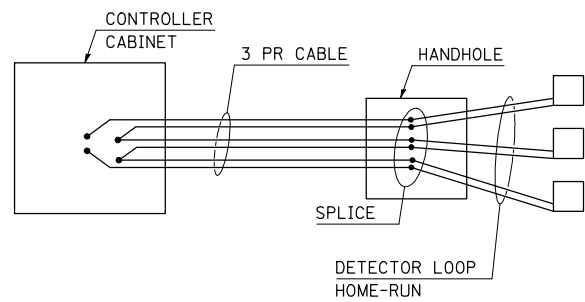
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	



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)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA			
University Ave. & Goodwin Ave.			
Loop	Length	Width	Number of Turns
A1-2	6	6	4
A3-4	6	6	4
B1-2	6	6	4
B3-4	6	6	4
B5-6	6	6	4
C1-3	6	6	4
C4-5	6	6	5
D1-3	6	6	5
D4-5	6	6	6

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(A1, A2), (A3, A4), (B1, B2), (B3, B4), (B5, B6), (C1, C2, C3),
(C4, C5, C6), (C7, C8)

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ce:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING & DETECTOR LOOP DETAIL

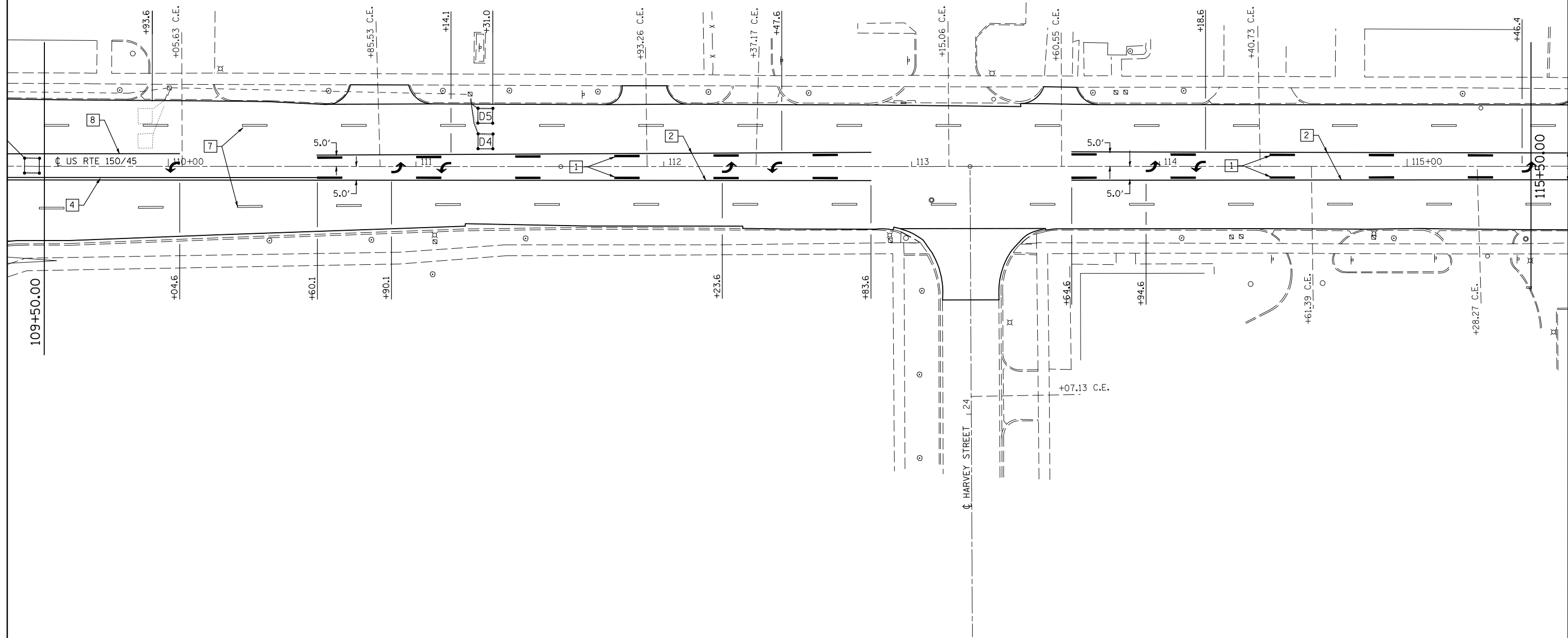
SCALE: SHEET NO. OF SHEETS STA. 103+50 TO STA. 109+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	43
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	



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)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING & DETECTOR LOOP DETAIL

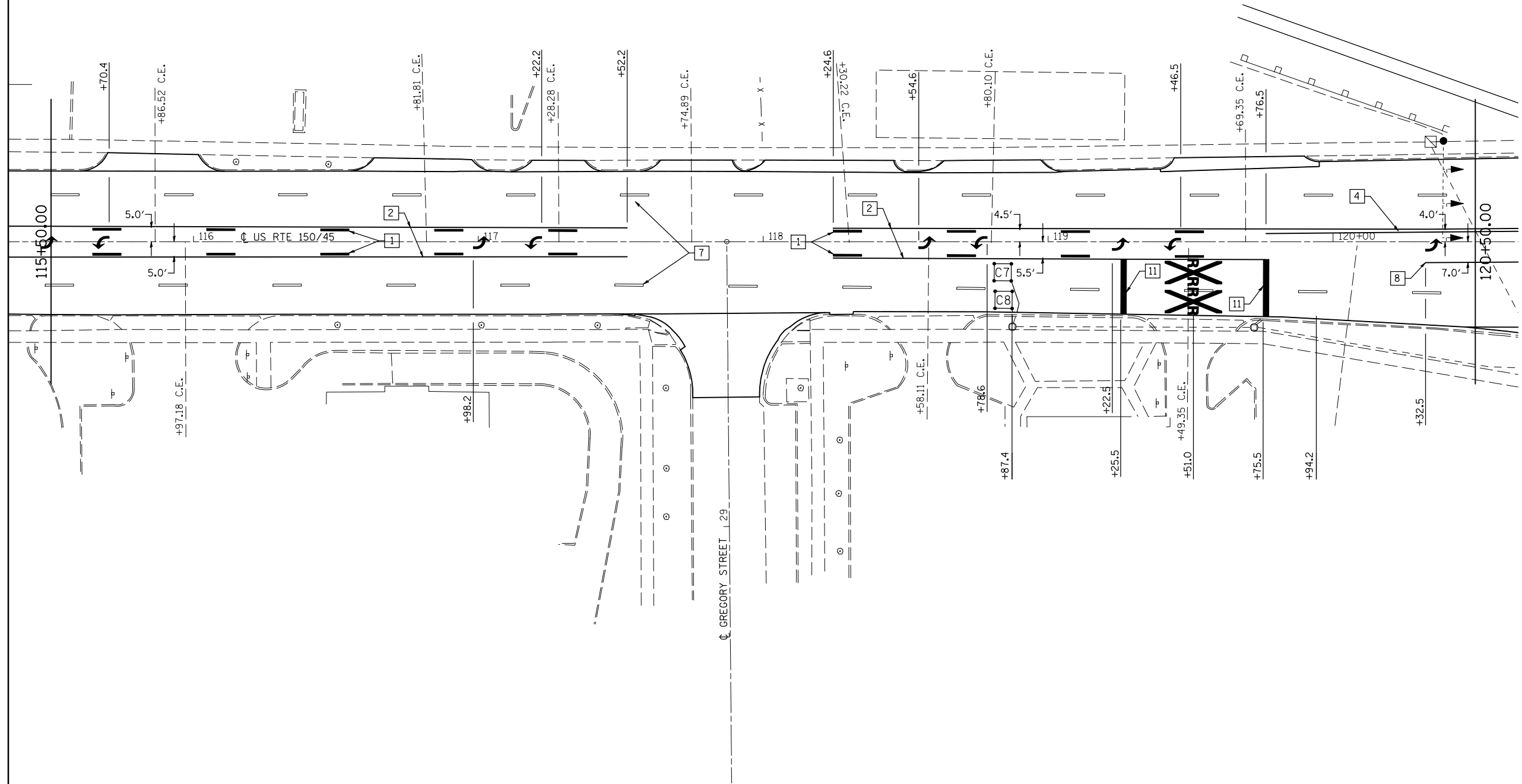
SCALE: SHEET NO. OF SHEETS STA. 109+50 TO STA. 115+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	44
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	



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)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

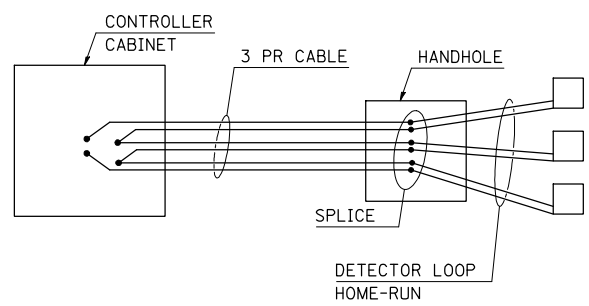
STRIPING & DETECTOR LOOP DETAIL			
SCALE:	SHEET NO.	OF SHEETS	STA. 115+50 TO STA. 120+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	45
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				



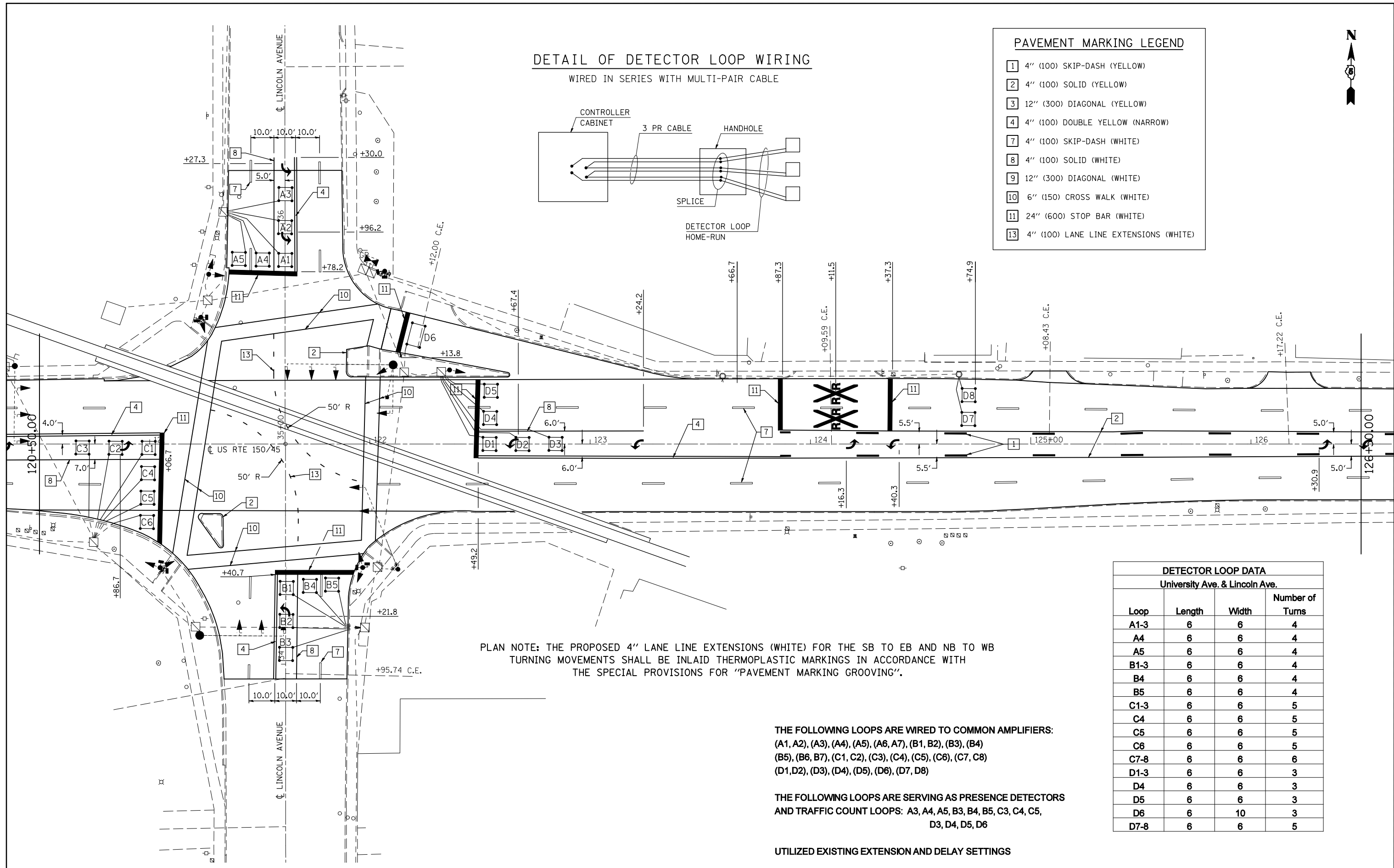
DETAIL OF DETECTOR LOOP WIRING

WIRED IN SERIES WITH MULTI-PAIR CABLE



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)
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)



PLAN NOTE: THE PROPOSED 4" LANE LINE EXTENSIONS (WHITE) FOR THE SB TO EB AND NB TO WB TURNING MOVEMENTS SHALL BE INLAID THERMOPLASTIC MARKINGS IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR "PAVEMENT MARKING GROOVING".

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
 (A1, A2), (A3), (A4), (A5), (A6, A7), (B1, B2), (B3), (B4)
 (B5), (B6, B7), (C1, C2), (C3), (C4), (C5), (C6), (C7, C8)
 (D1, D2), (D3), (D4), (D5), (D6), (D7, D8)

THE FOLLOWING LOOPS ARE SERVING AS PRESENCE DETECTORS
 AND TRAFFIC COUNT LOOPS: A3, A4, A5, B3, B4, B5, C3, C4, C5,
 D3, D4, D5, D6

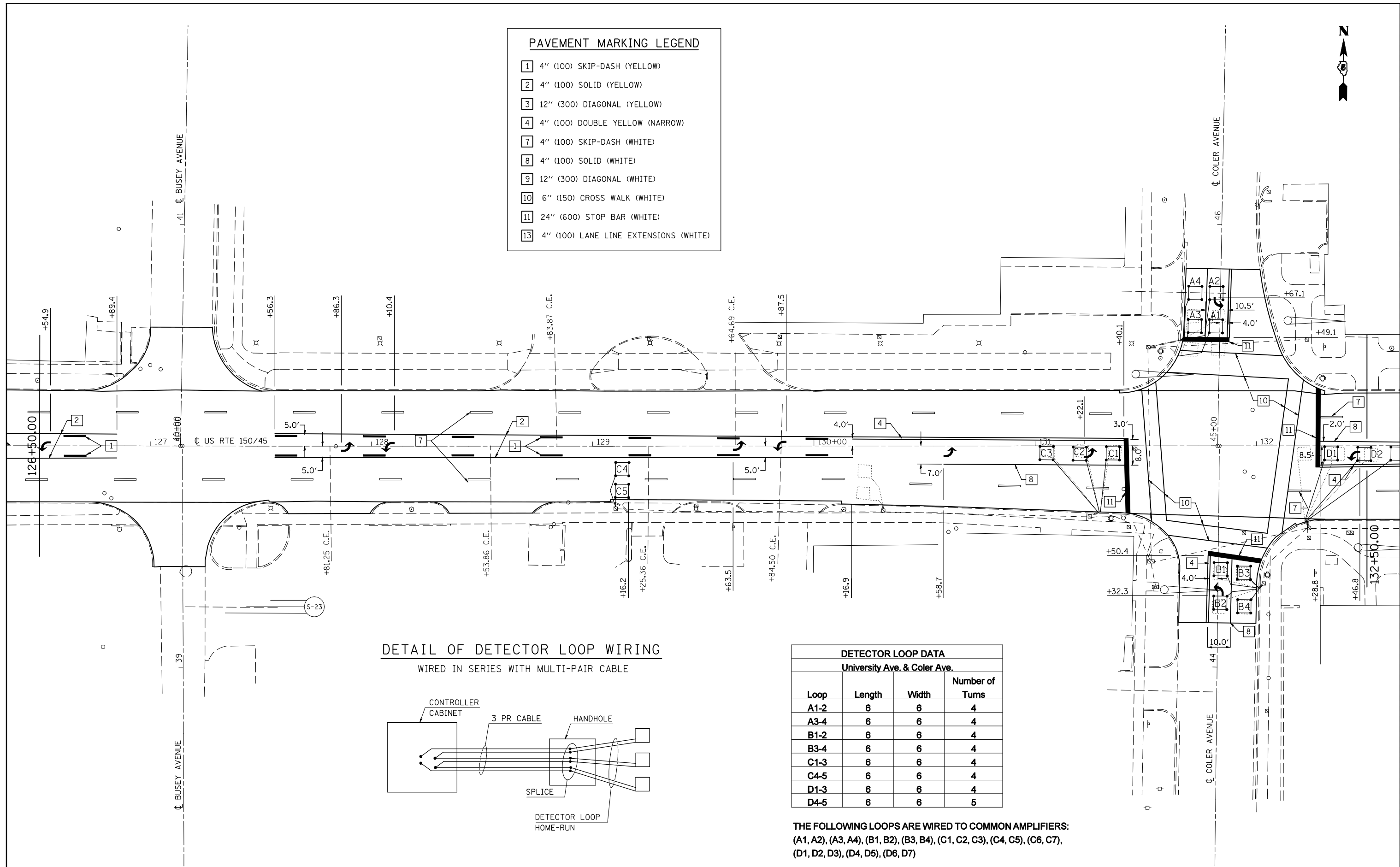
UTILIZED EXISTING EXTENSION AND DELAY SETTINGS

DETECTOR LOOP DATA			
University Ave. & Lincoln Ave.			
Loop	Length	Width	Number of Turns
A1-3	6	6	4
A4	6	6	4
A5	6	6	4
B1-3	6	6	4
B4	6	6	4
B5	6	6	4
C1-3	6	6	5
C4	6	6	5
C5	6	6	5
C6	6	6	5
C7-8	6	6	6
D1-3	6	6	3
D4	6	6	3
D5	6	6	3
D6	6	10	3
D7-8	6	6	5

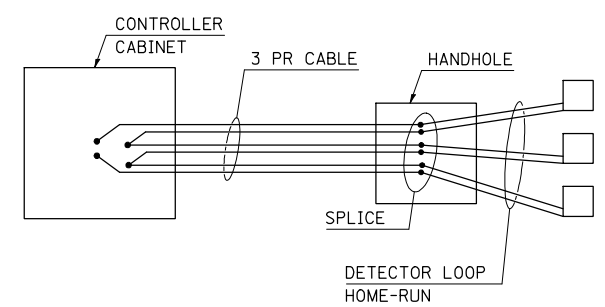


PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)
2	4" (100) SOLID (YELLOW)
3	12" (300) DIAGONAL (YELLOW)
4	4" (100) DOUBLE YELLOW (NARROW)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE

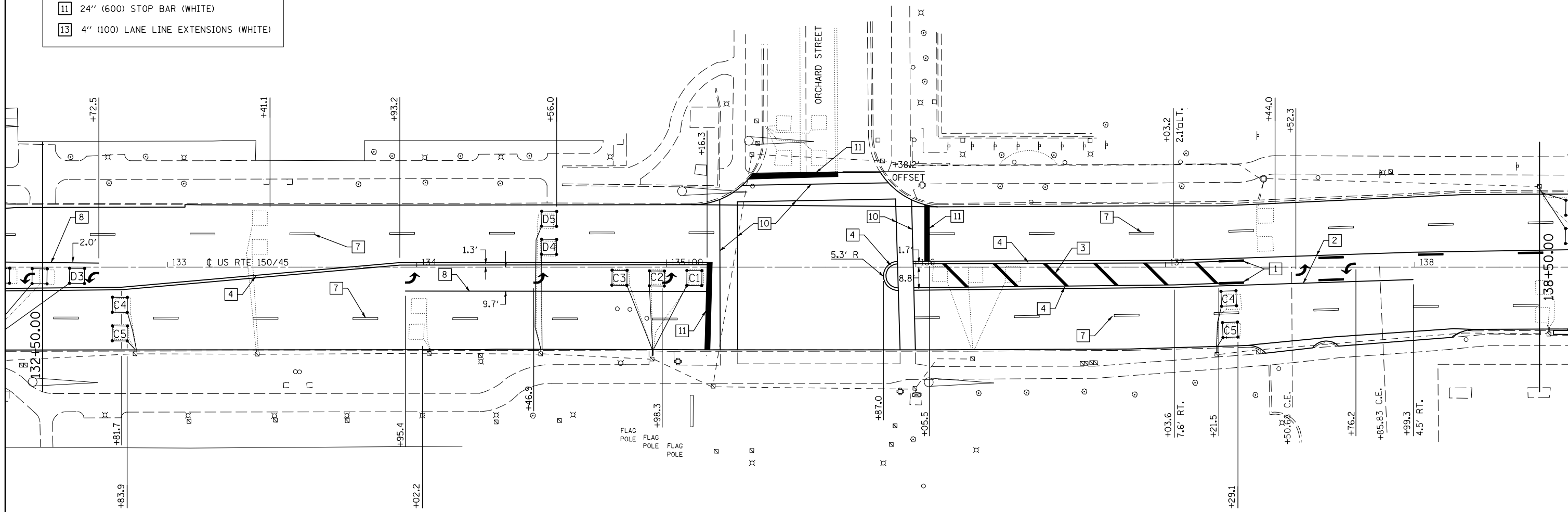


DETECTOR LOOP DATA			
University Ave. & Coler Ave.			
Loop	Length	Width	Number of Turns
A1-2	6	6	4
A3-4	6	6	4
B1-2	6	6	4
B3-4	6	6	4
C1-3	6	6	4
C4-5	6	6	4
D1-3	6	6	4
D4-5	6	6	5

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(A1, A2), (A3, A4), (B1, B2), (B3, B4), (C1, C2, C3), (C4, C5), (C6, C7),
(D1, D2, D3), (D4, D5), (D6, D7)

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)
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)

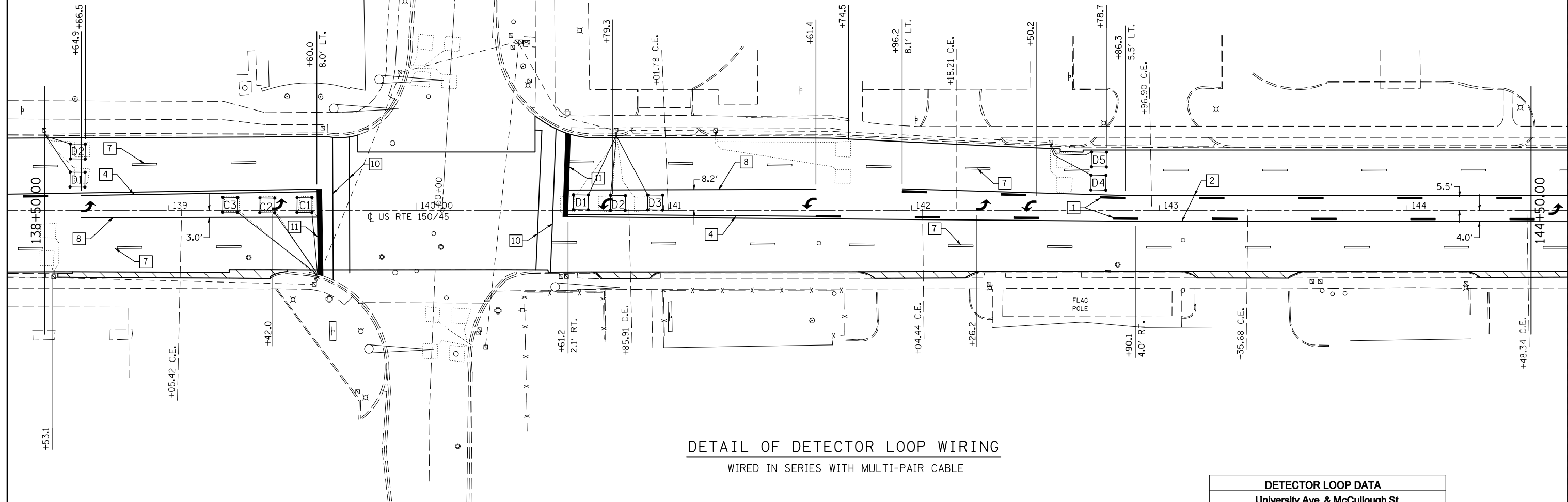


DETECTOR LOOP DATA			
University Ave. & Orchard Ave.			
Loop	Length	Width	Number of Turns
C1-3	6	6	4
C4-5	6	6	5
D1-2	6	6	6

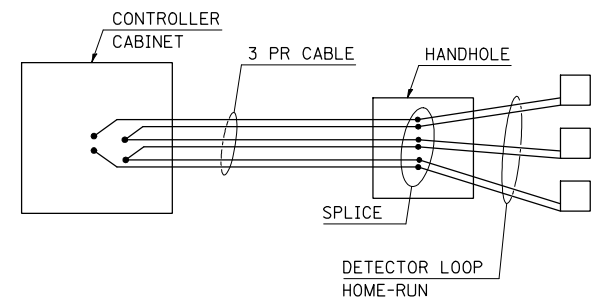
THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(C1, C2, C3), (C4, C5), (C6, C7), (D1, D2), (D3, D4)



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)
7	4" (100) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)
13	4" (100) LANE LINE EXTENSIONS (WHITE)



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA			
University Ave. & McCullough St.			
Loop	Length	Width	Number of Turns
C1-3	6	6	4
C4-5	6	6	5
D1-3	6	6	4
D4-5	6	6	6

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(C1, C2, C3), (C4, C5), (C6, C7), (D1, D2, D3), (D4, D5), (D6, D7)

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141663\0570121-shit-striping-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING & DETECTOR LOOP DETAIL

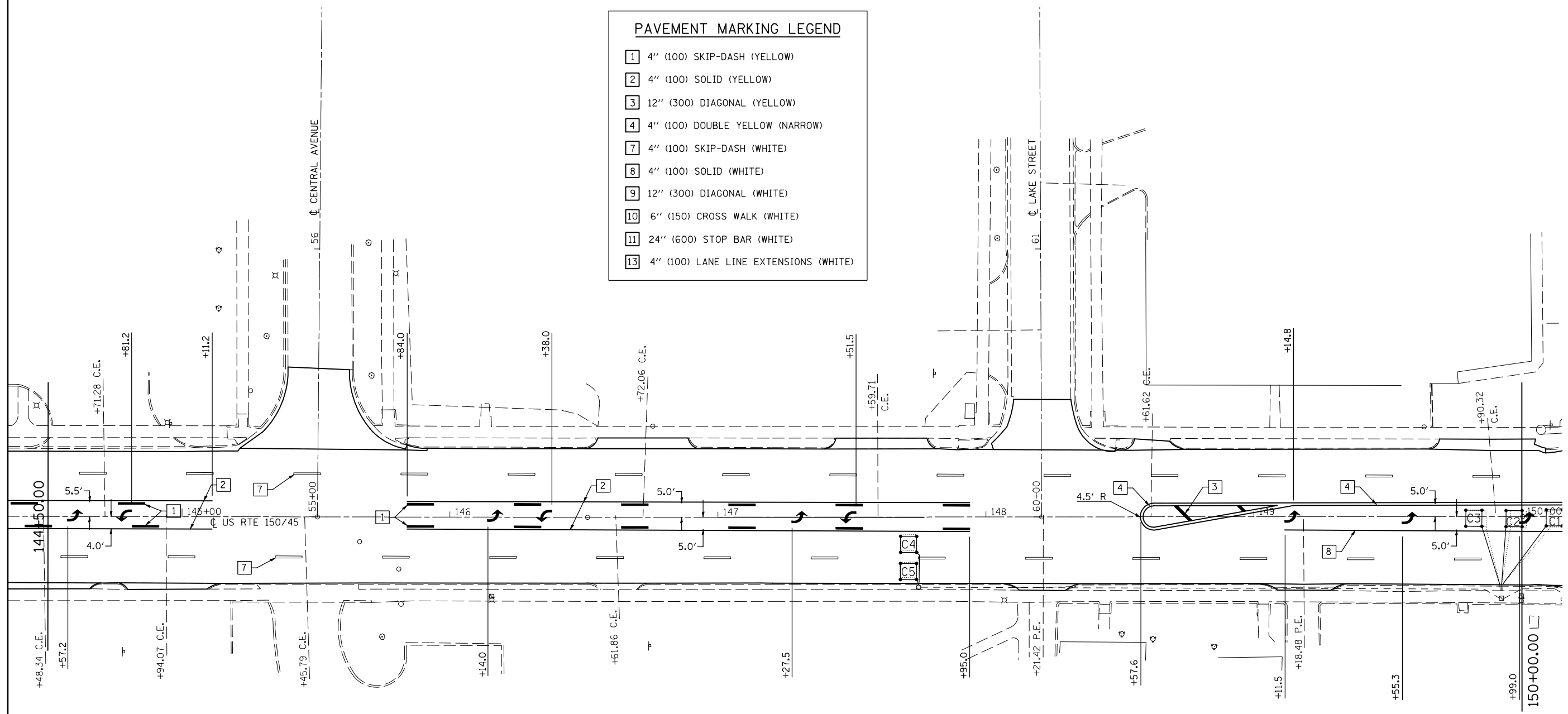
SCALE: SHEET NO. OF SHEETS STA. 138+50 TO STA. 144+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	



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)
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

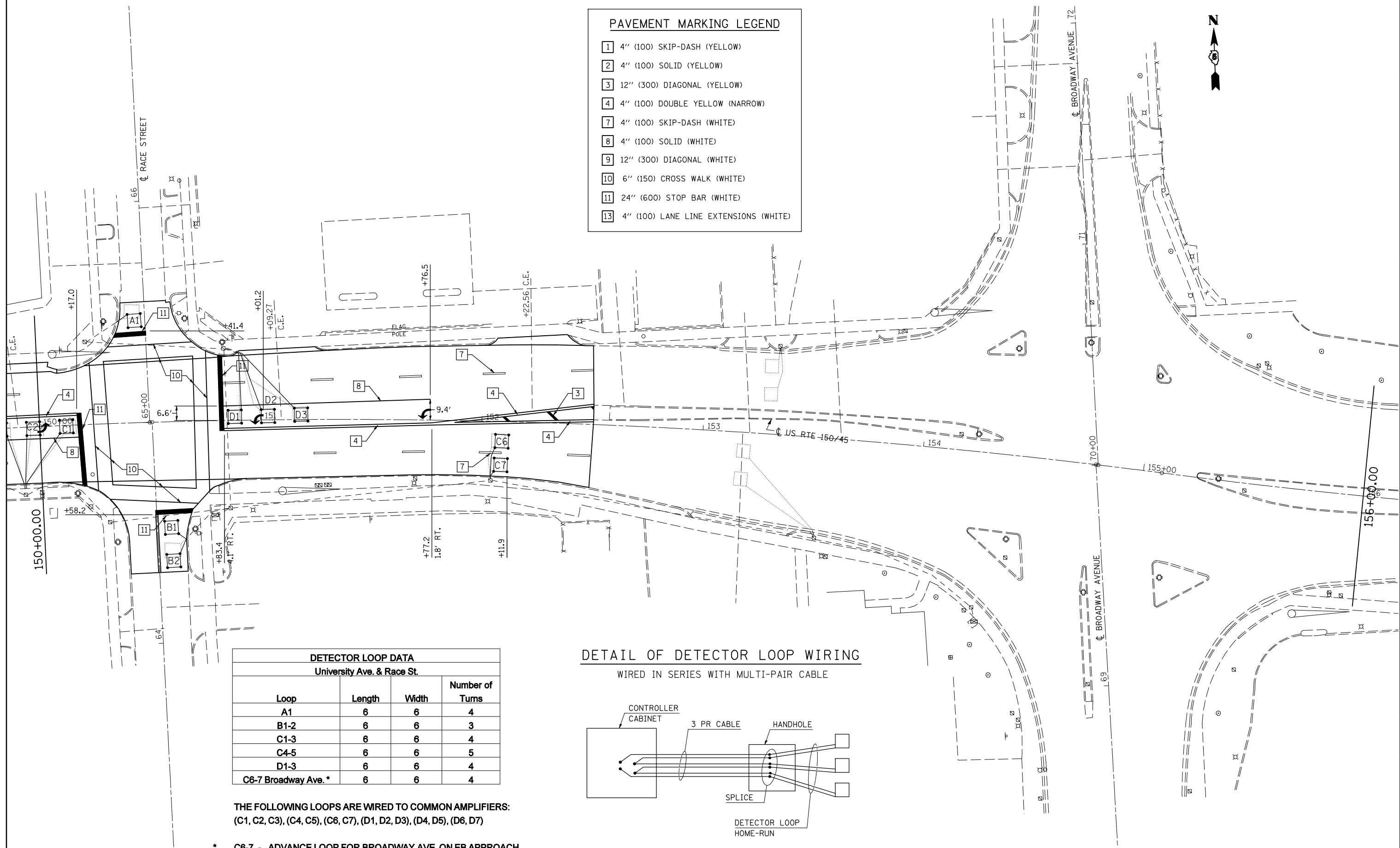
STRIPING & DETECTOR LOOP DETAIL

SCALE: SHEET NO. OF SHEETS STA. 144+50 TO STA. 150+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	50
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

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)
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)

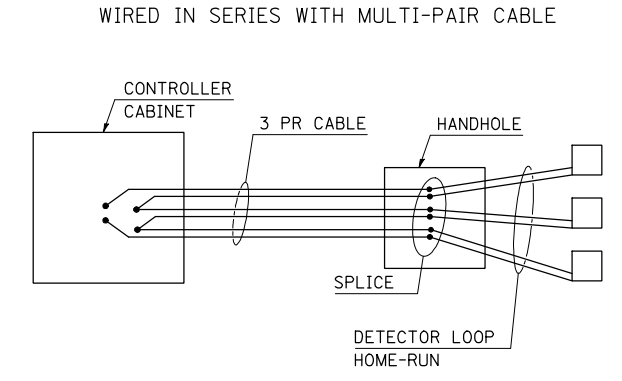


DETECTOR LOOP DATA			
University Ave. & Race St.			
Loop	Length	Width	Number of Turns
A1	6	6	4
B1-2	6	6	3
C1-3	6	6	4
C4-5	6	6	5
D1-3	6	6	4
C6-7 Broadway Ave. *	6	6	4

THE FOLLOWING LOOPS ARE WIRED TO COMMON AMPLIFIERS:
(C1, C2, C3), (C4, C5), (C6, C7), (D1, D2, D3), (D4, D5), (D6, D7)

* C6-7 - ADVANCE LOOP FOR BROADWAY AVE. ON EB APPROACH.

DETAIL OF DETECTOR LOOP WIRING



FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

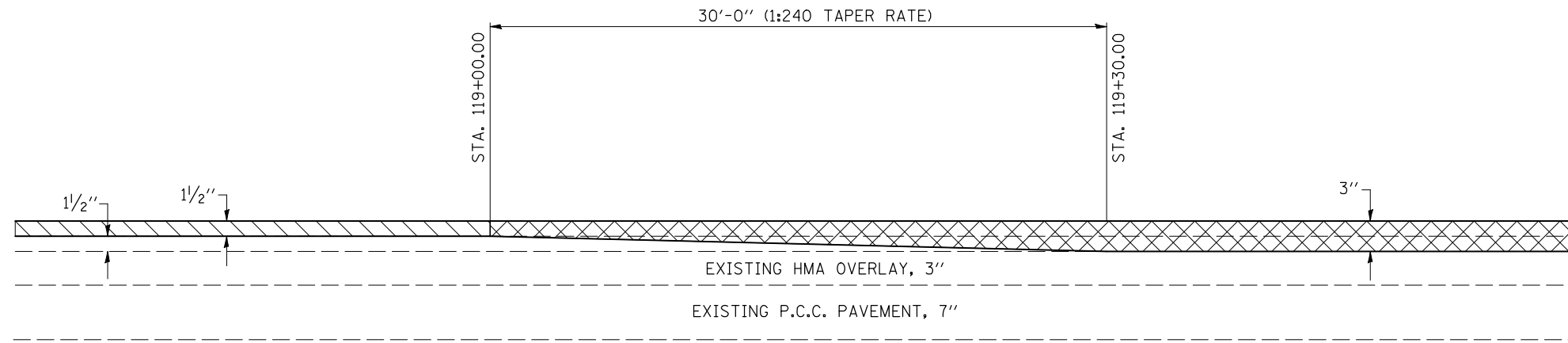
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING & DETECTOR LOOP DETAIL

SCALE: SHEET NO. OF SHEETS STA. 150+00 TO STA. 156+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

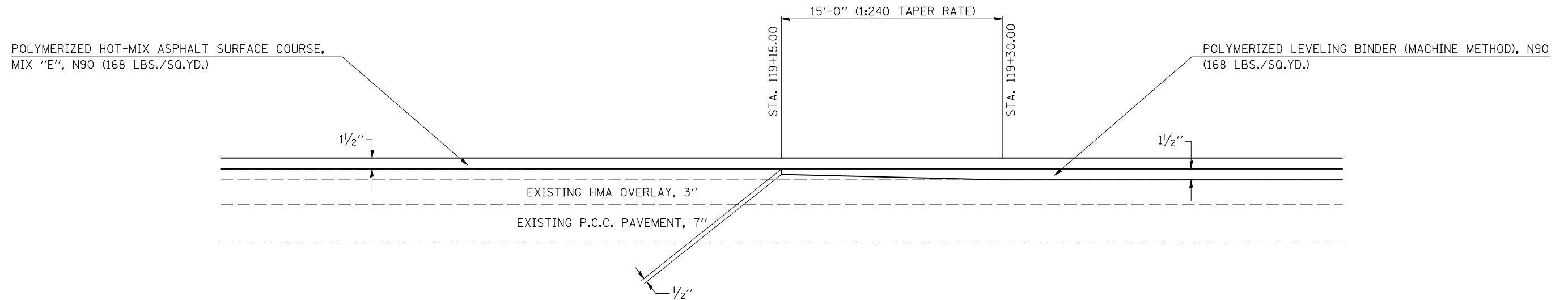
DETAIL OF MILLING TRANSITION FROM 1 1/2" TO 3"



HOT MIX ASPHALT SURFACE REMOVAL, 1 1/2"

HOT MIX ASPHALT SURFACE REMOVAL, 3"

RESURFACING DETAIL @ MILLING TRANSITION AREA



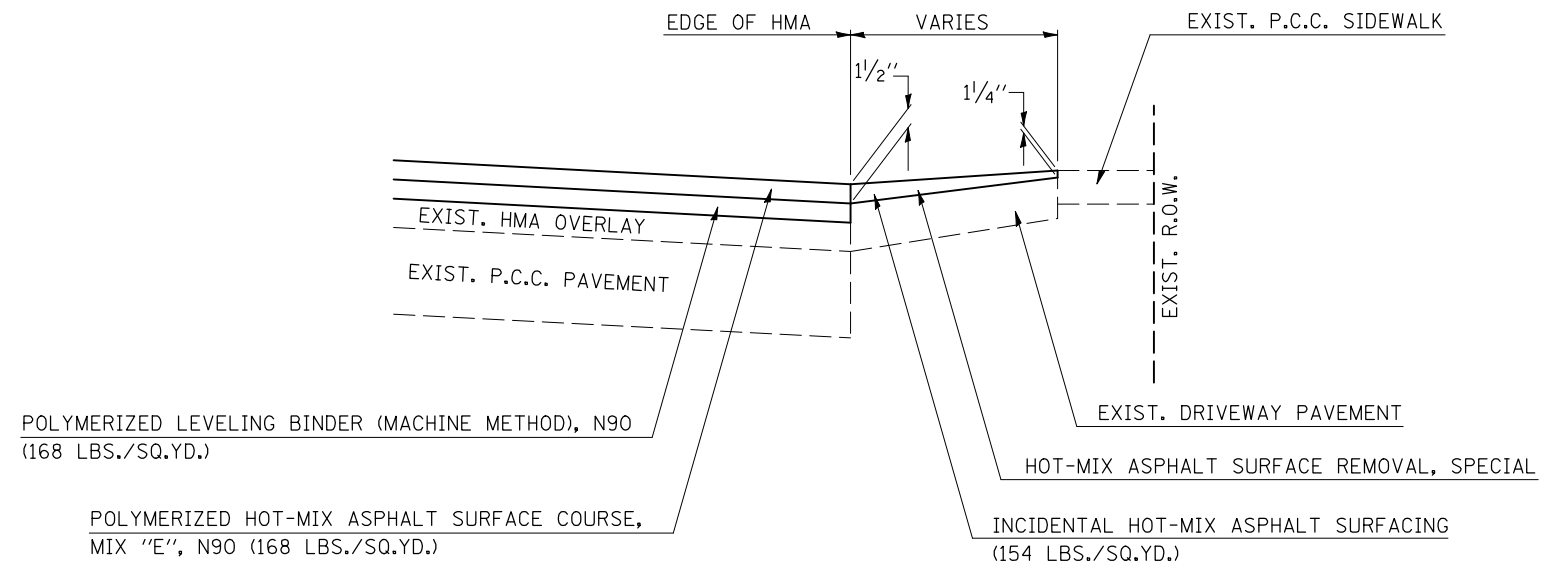
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	52
CONTRACT NO.			70121	
ILLINOIS FED. AID PROJECT				

RESURFACING DETAIL FOR COMMERCIAL AND PRIVATE ENTRANCES (URBAN)



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\PWIDOT\BUCKLESJJ\d0141682\0570121-shr-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

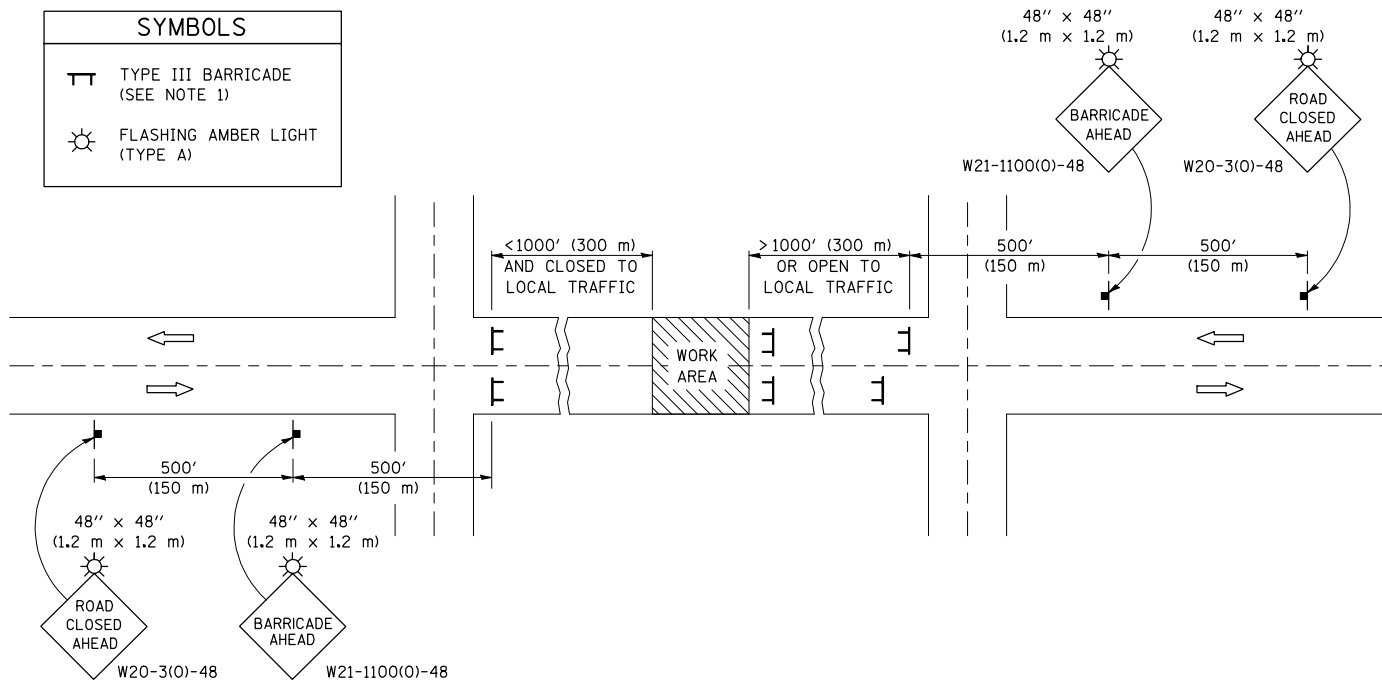
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	53
CONTRACT NO. 70121			ILLINOIS FED. AID PROJECT	

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

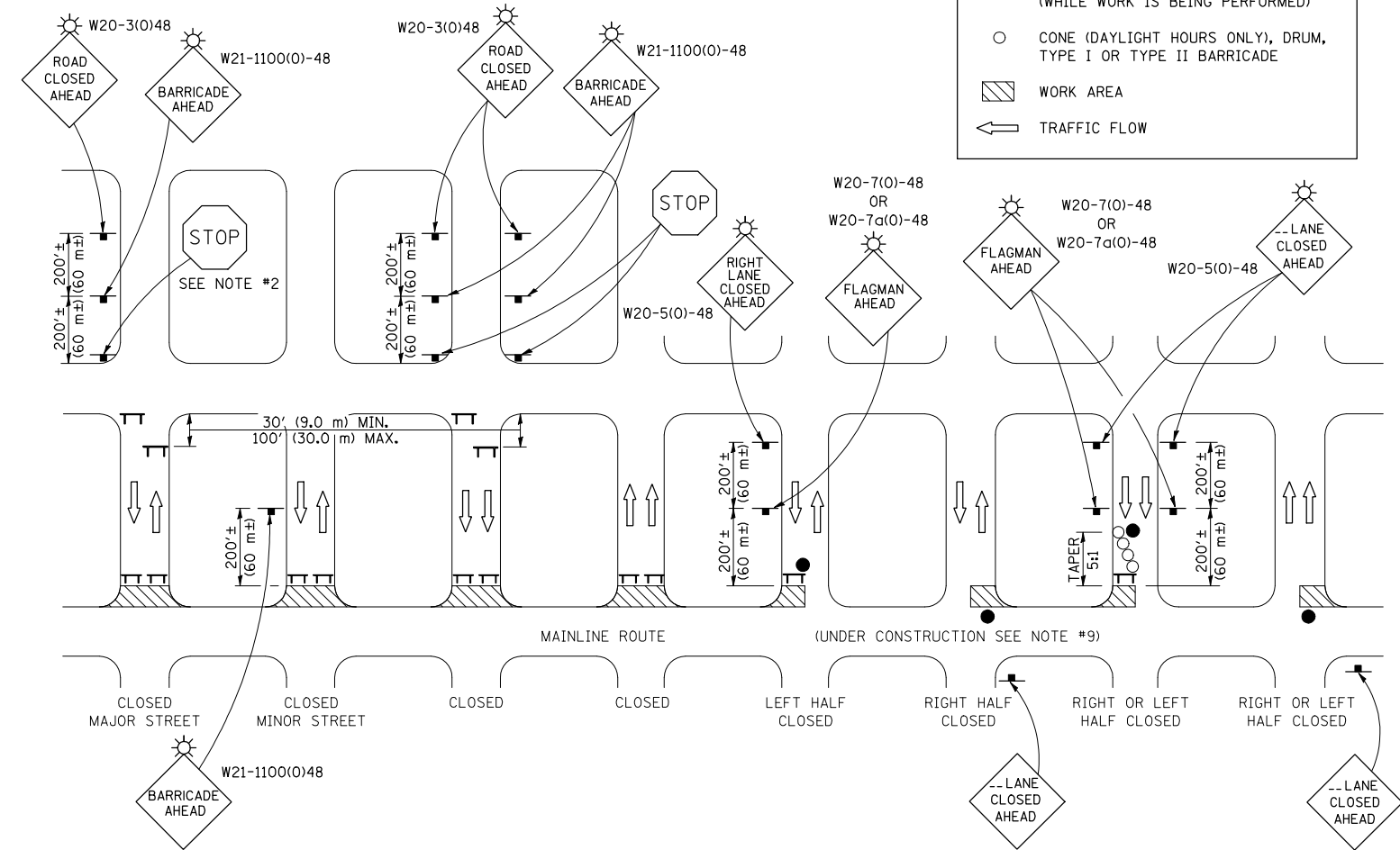
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



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.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS INVOLVING THE RECONSTRUCTION OF ALL APPLICABLE SIDE STREETS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

DISTRICT 5 DETAIL NO. 7020000

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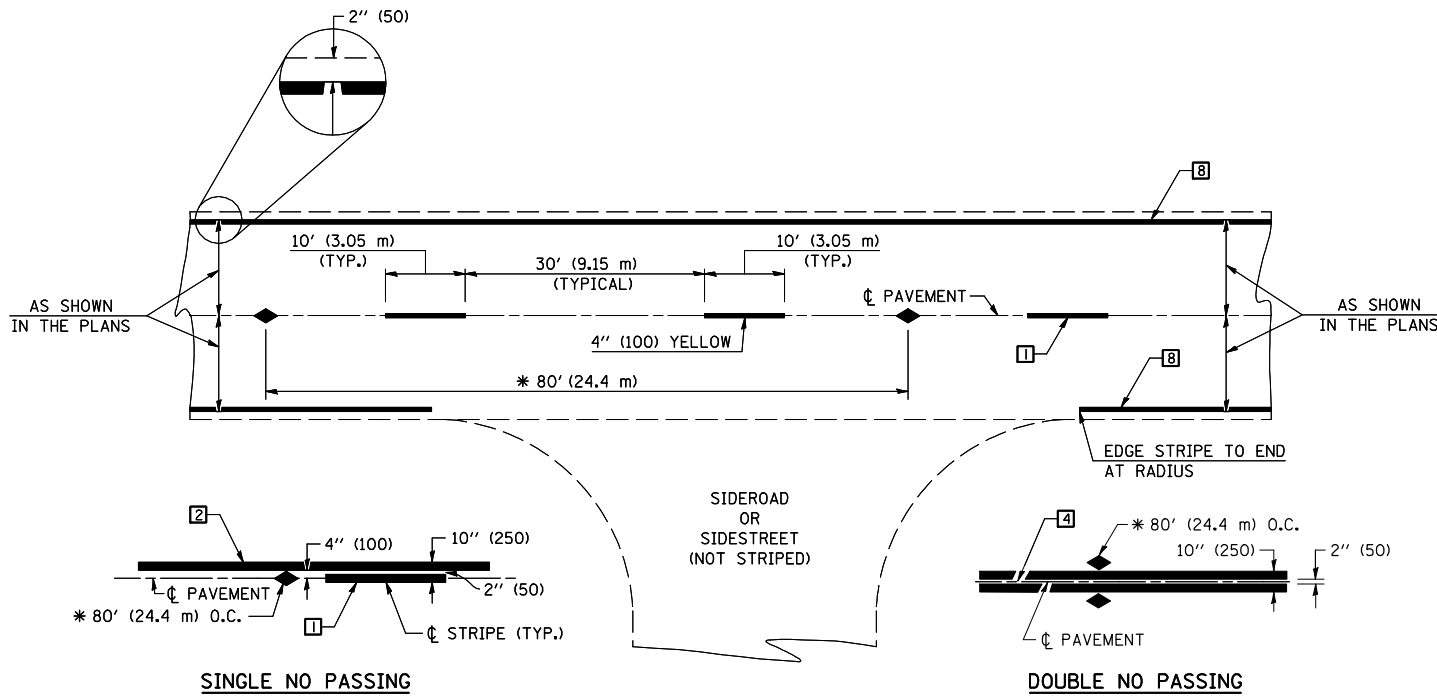
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	54
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 70121



* 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

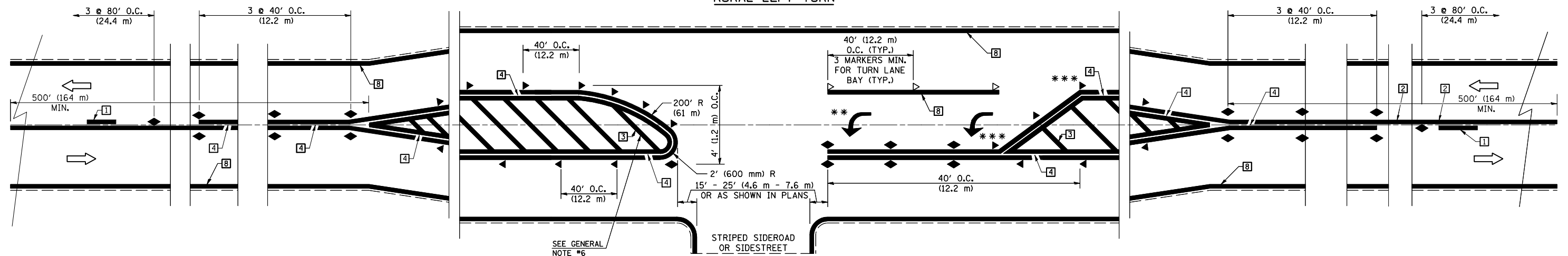
TYPICAL PAVEMENT MARKING LEGEND

- 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

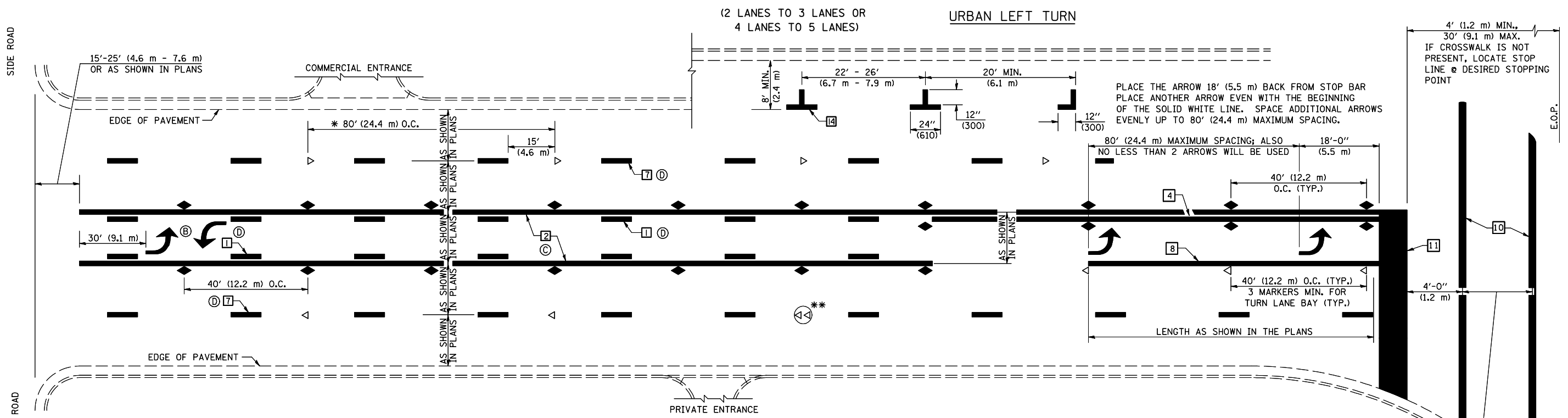
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**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.
808	(28Z)RS-5	Champaign	59	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

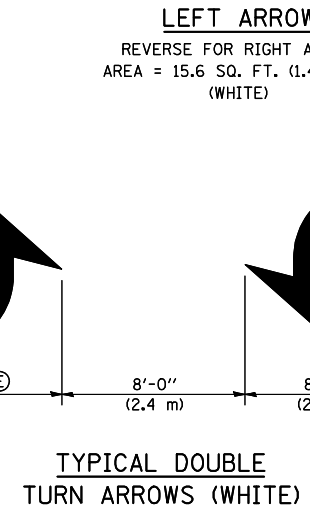
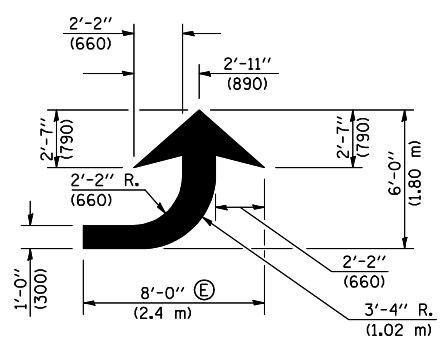


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

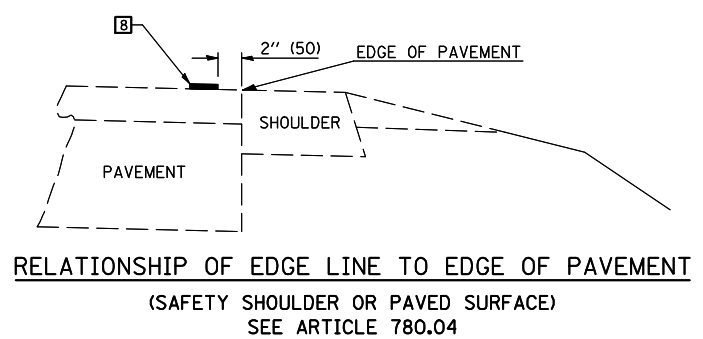
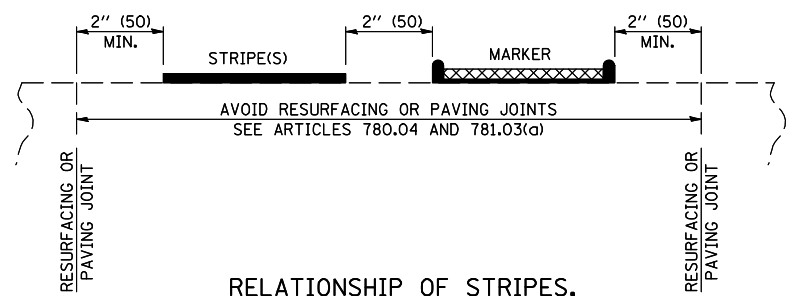
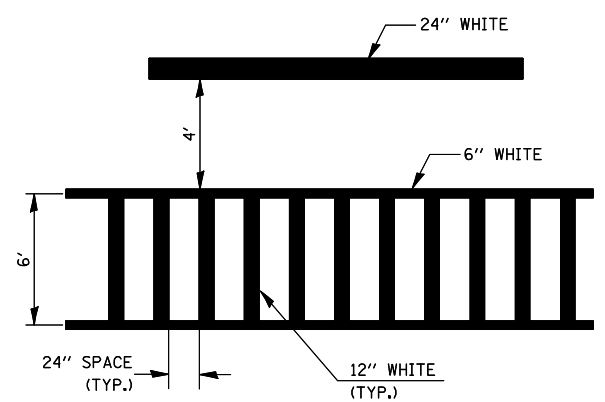
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

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



BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

DISTRICT 5 DETAIL NO. 7800AAA

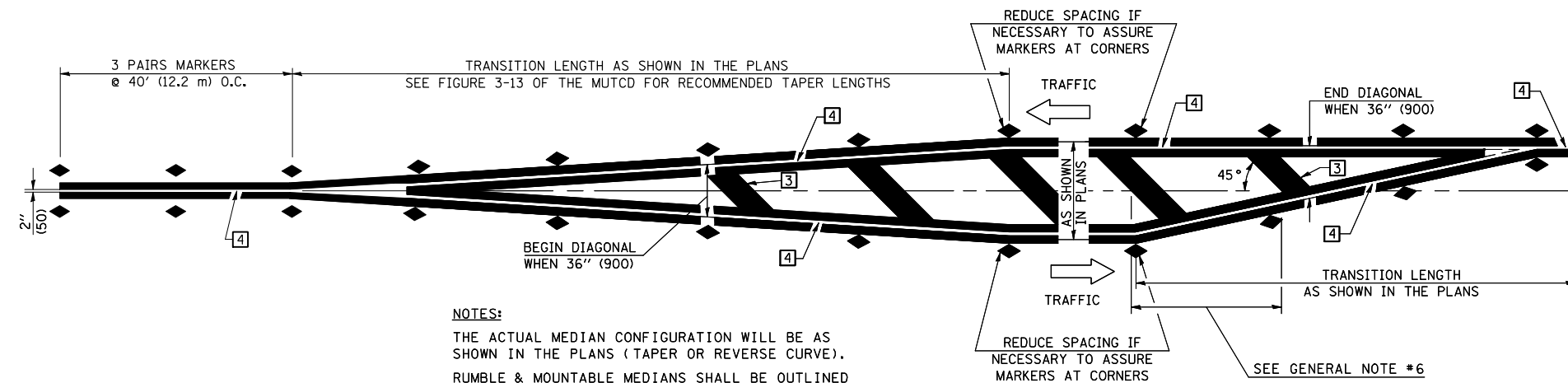
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PLOT DATE = 12/11/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

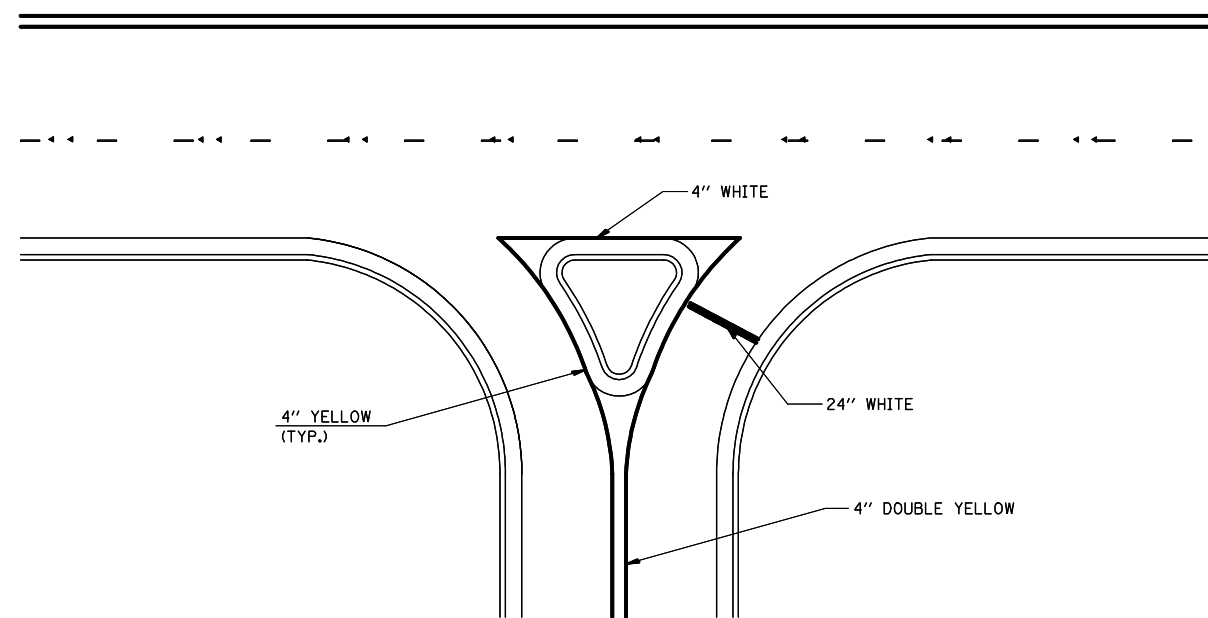


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

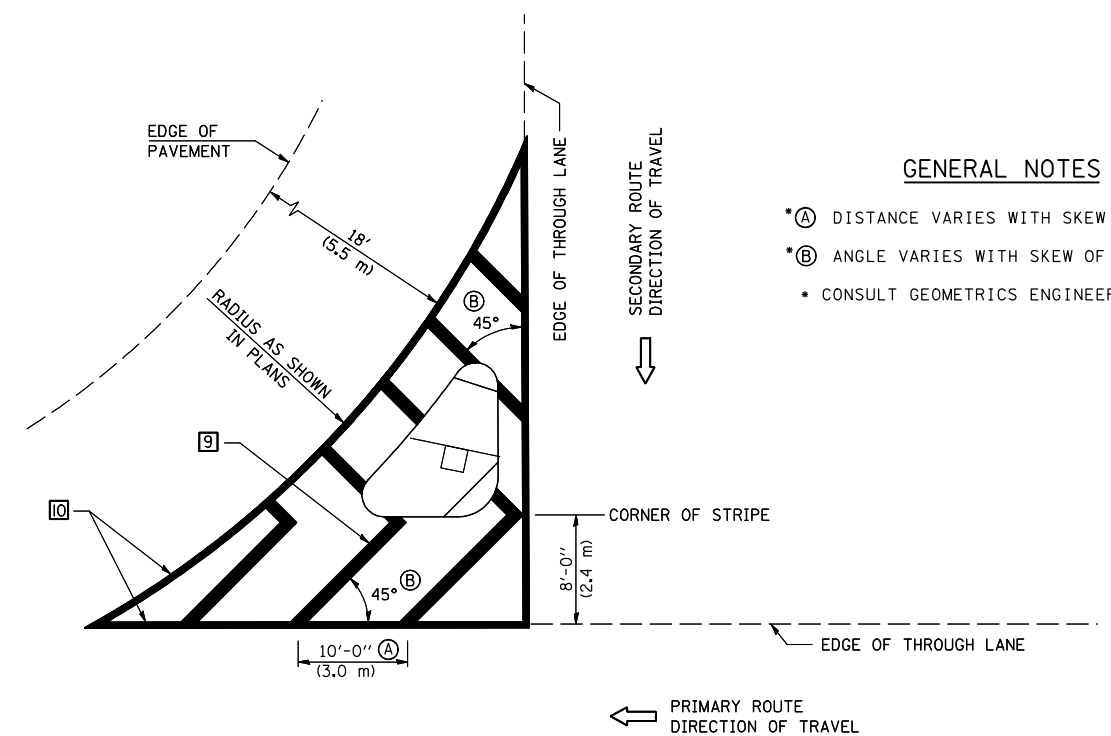
TYPICAL MEDIAN TRANSITIONS

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 = bucklesJJ	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

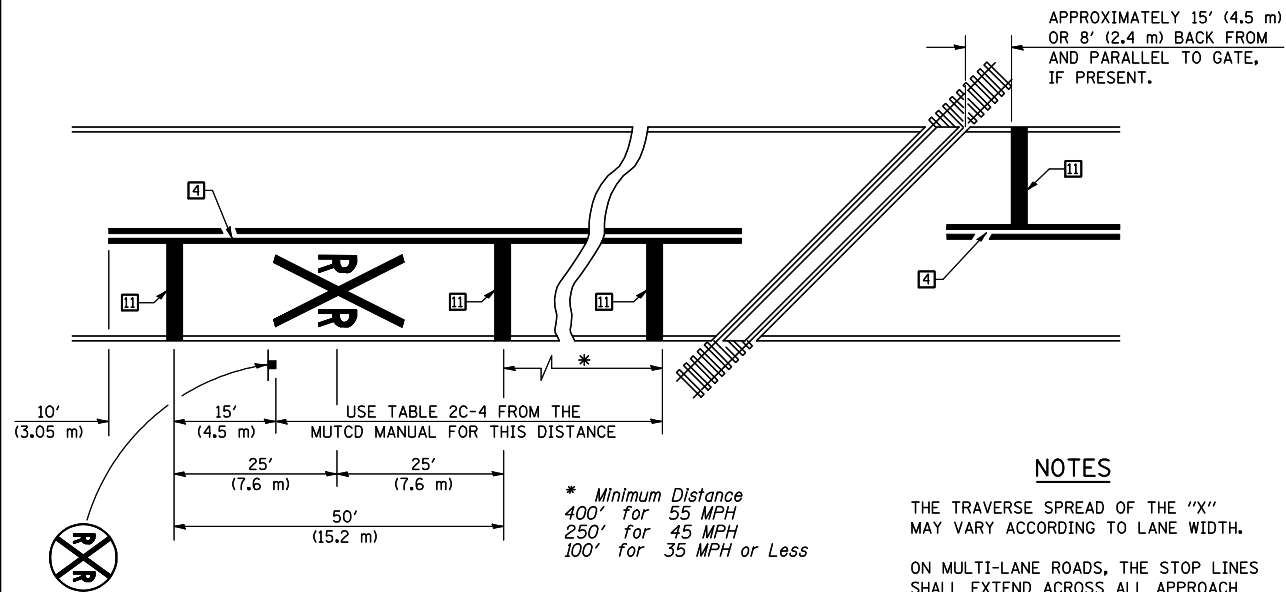
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28ZRS-5)	Champaign	59	57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

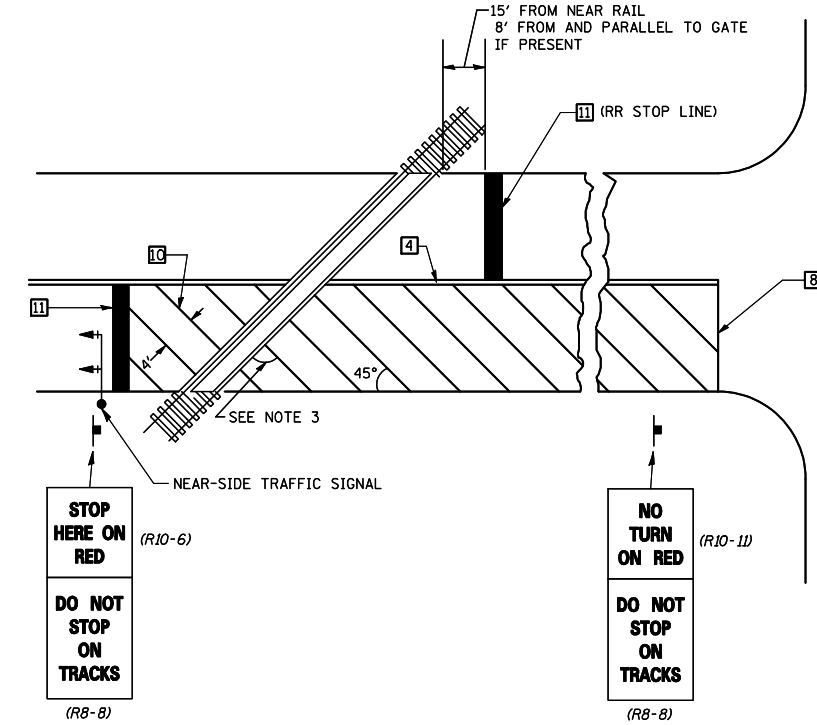
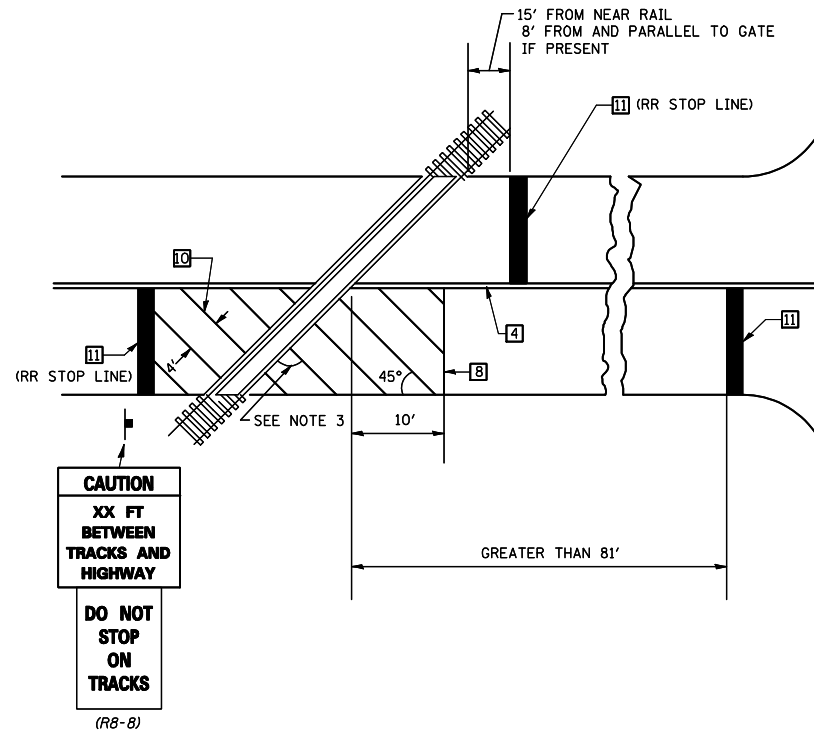
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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.

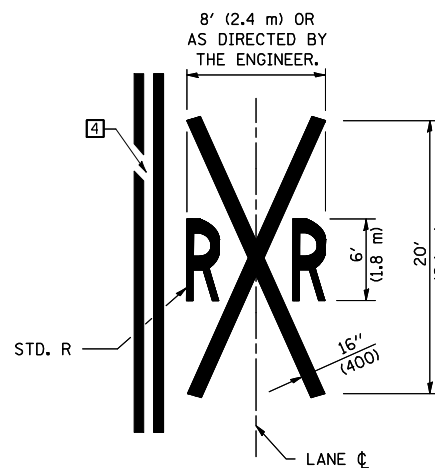
* Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less



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.

DISTRICT 5 DETAIL NO. 7800AAAA

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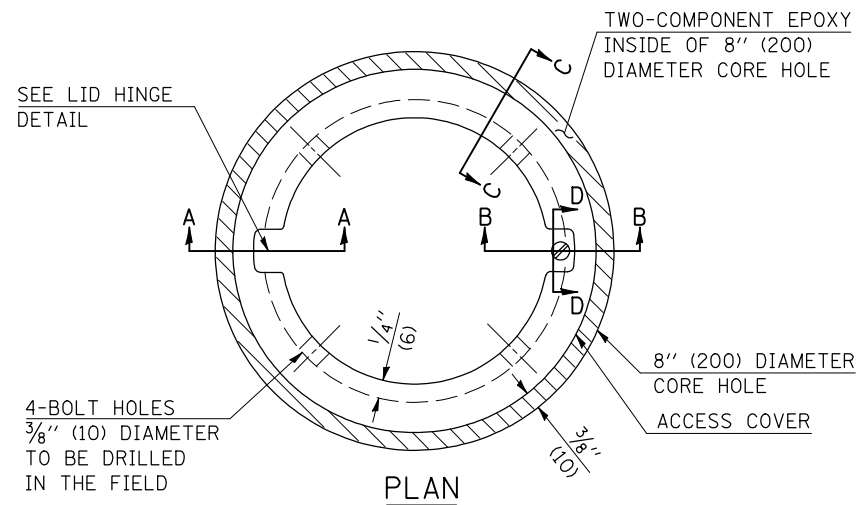
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

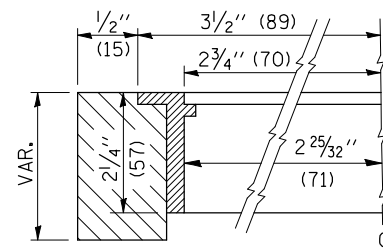
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28Z)RS-5	Champaign	59	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	

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)



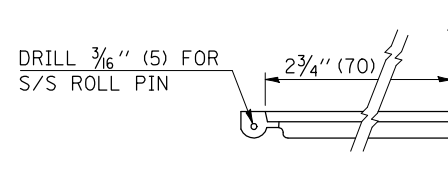
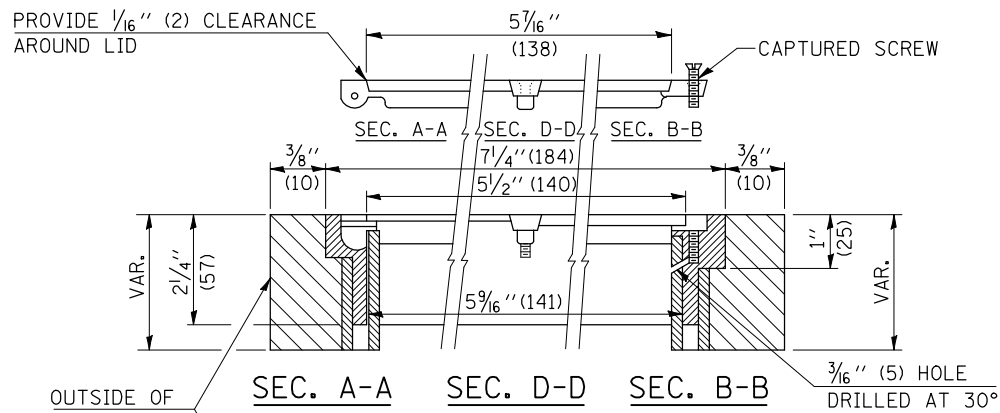
LEGEND

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

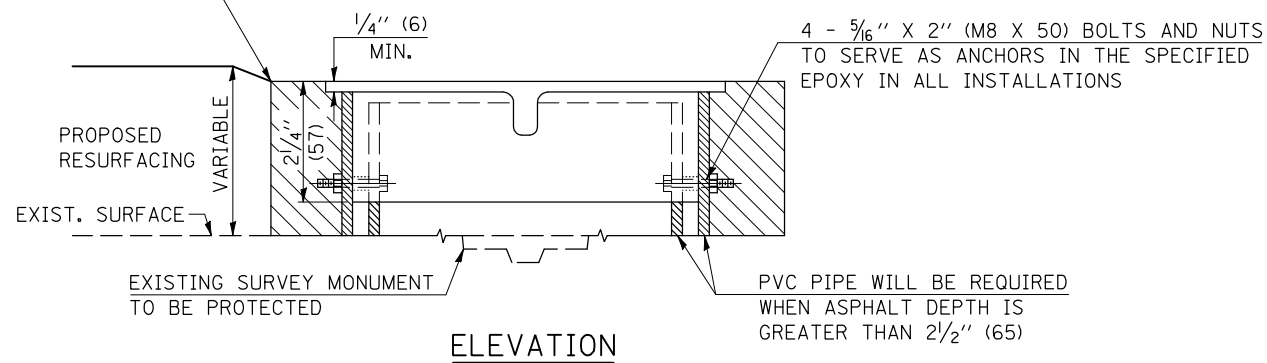


SECTION C-C

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.



LID HINGE DETAIL



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.

DISTRICT 5 DETAIL NO. Z0070100

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	PLOT DATE = 12/11/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	(28ZRS-5)	Champaign	59	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70121	