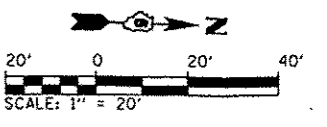
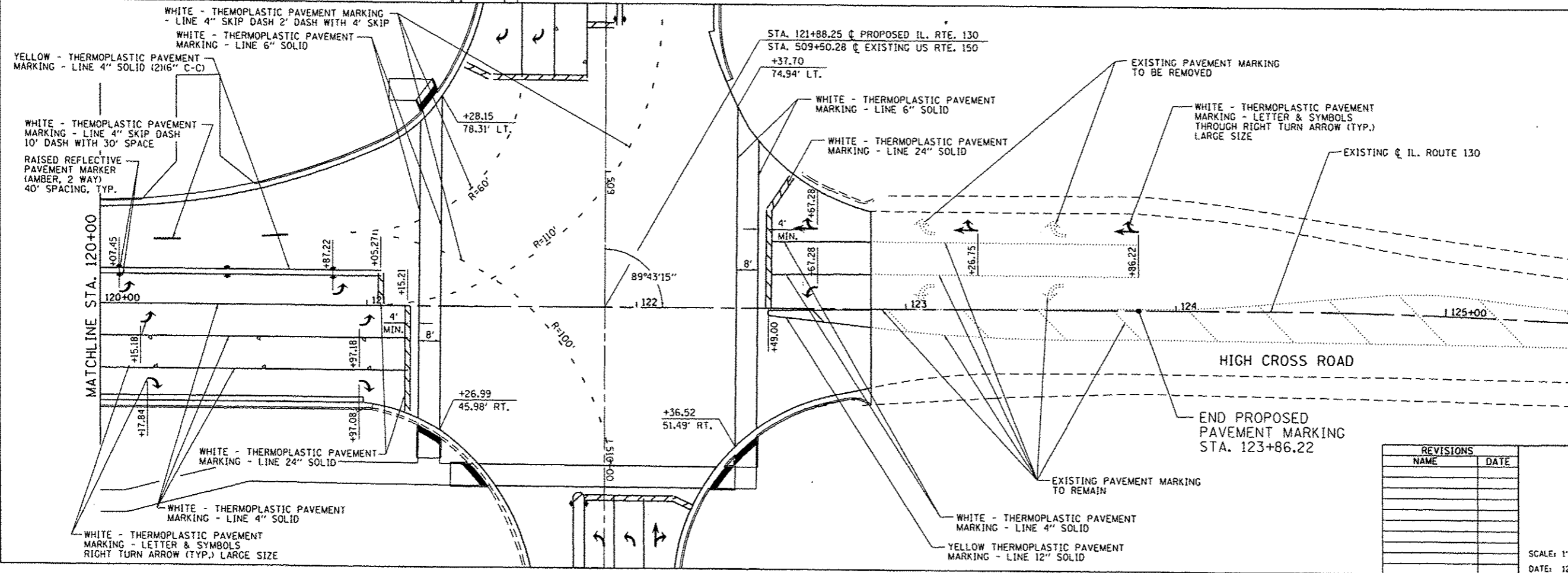
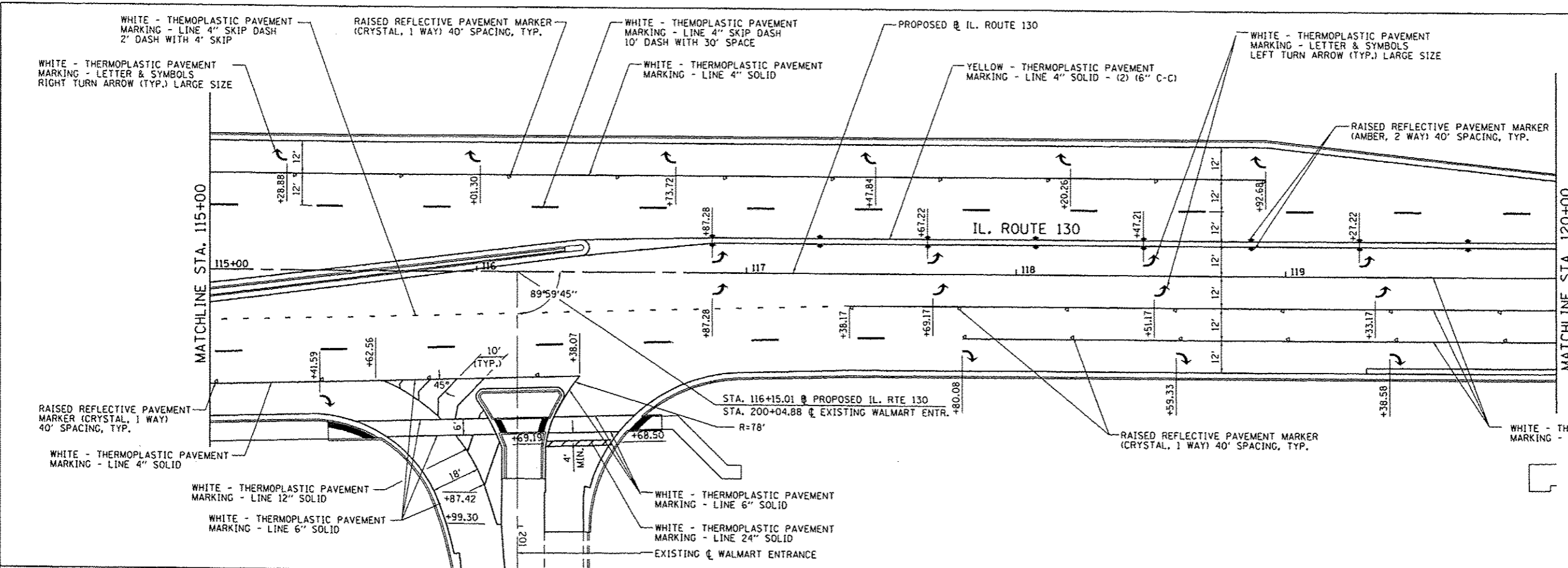
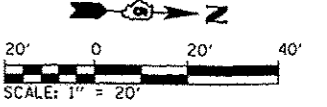


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	101
STA. 115+00		TO STA. 126+00		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 91506



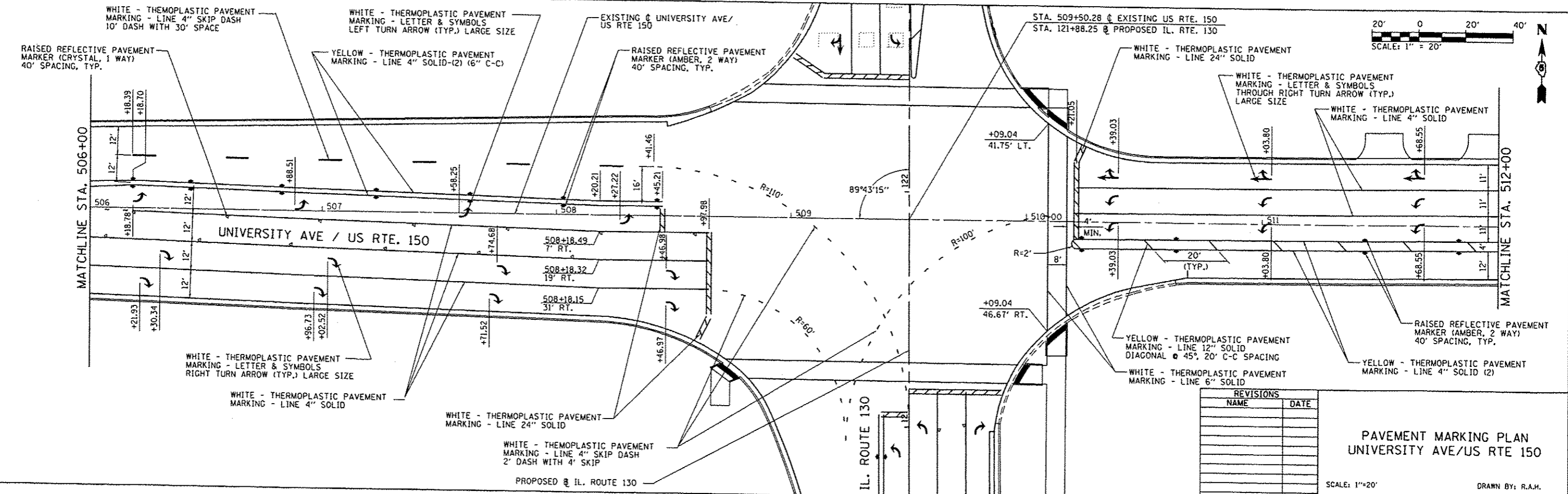
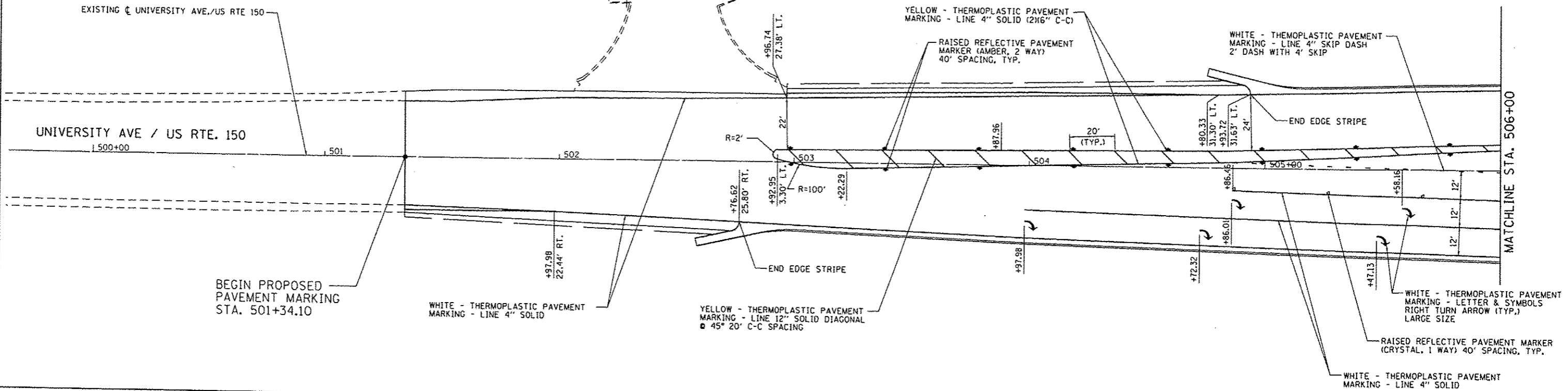
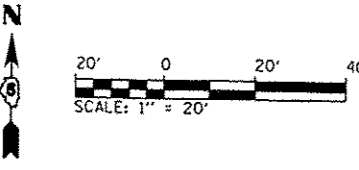
REVISIONS	
NAME	DATE

PAVEMENT MARKING PLAN
IL. ROUTE 130

SCALE: 1"=20'
DATE: 12/09/13
DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	102
STA. 500+00		TO STA. 512+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



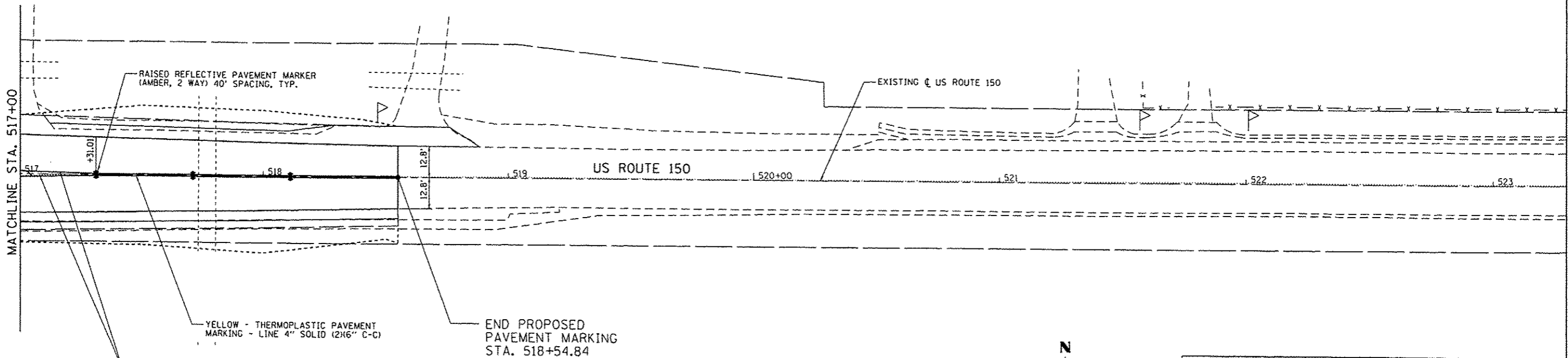
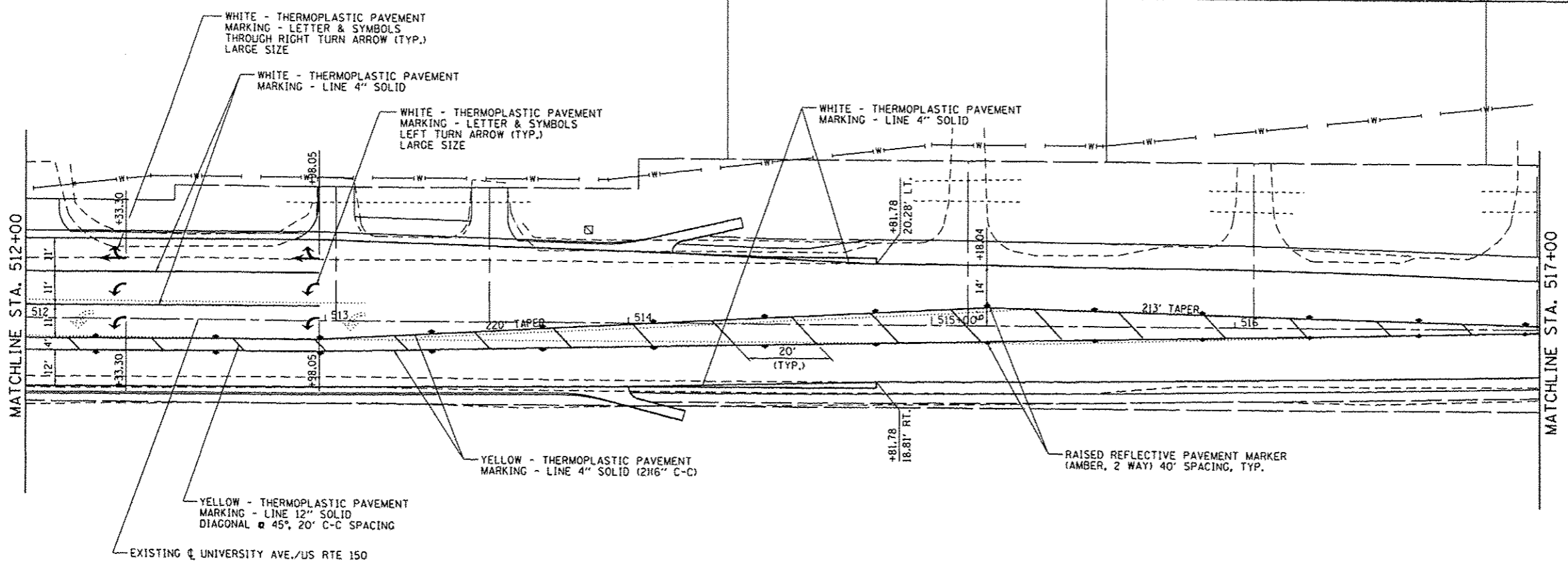
REVISIONS	
NAME	DATE

**PAVEMENT MARKING PLAN
UNIVERSITY AVE/US RTE 150**

SCALE: 1"=20'
DATE: 12/09/13
DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	103
STA. 512+00		TO STA. 518+54.84		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



REVISIONS	
NAME	DATE

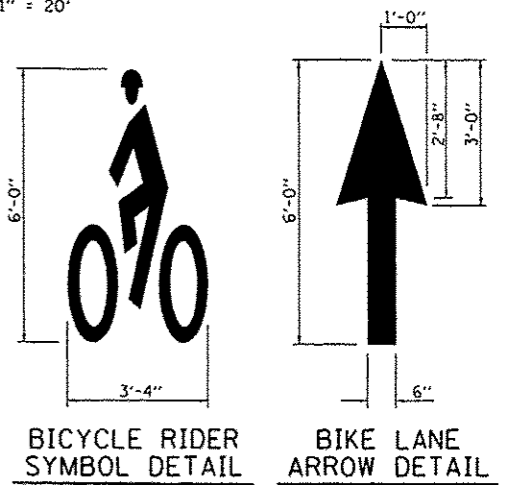
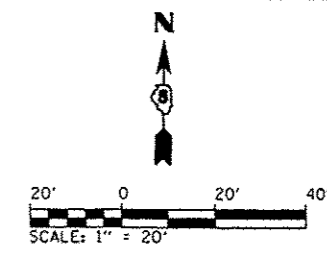
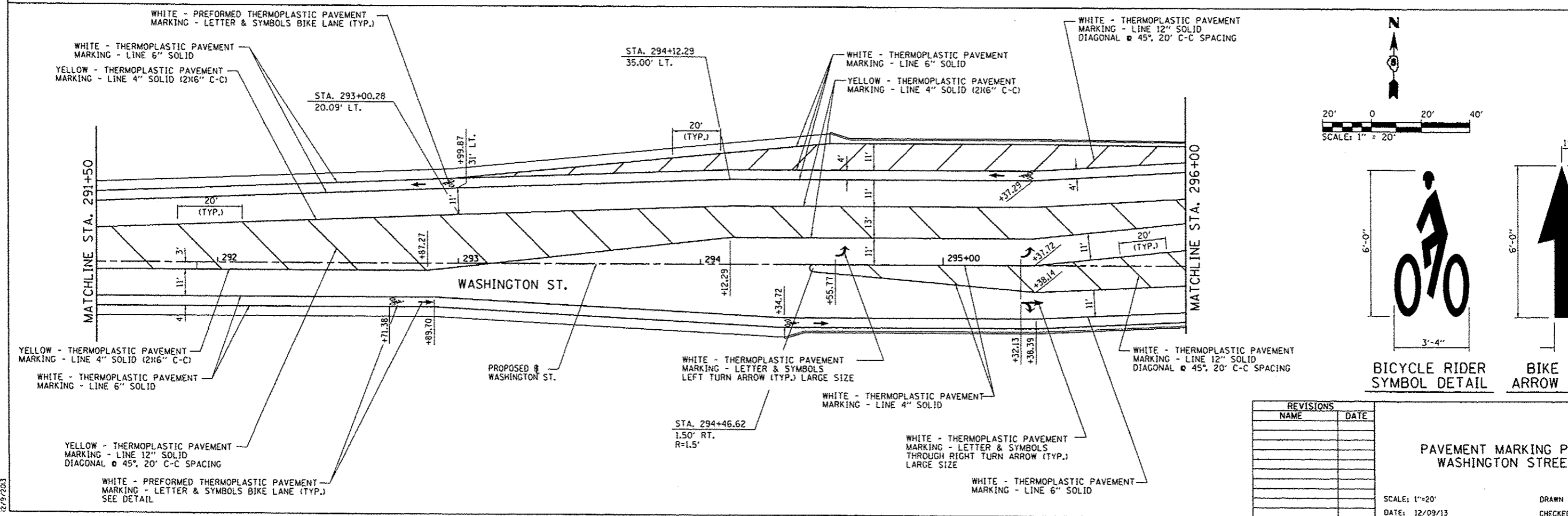
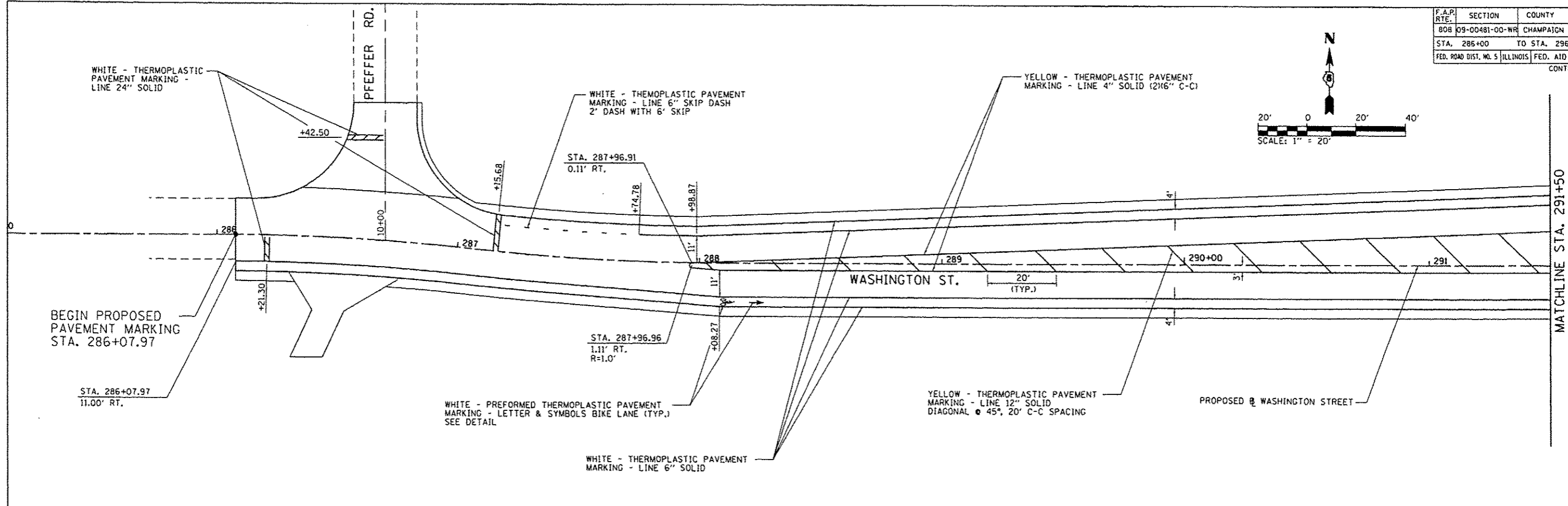
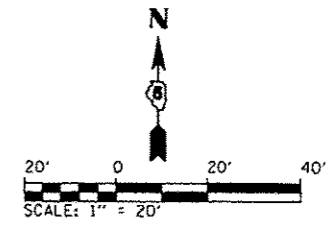
**PAVEMENT MARKING PLAN
US ROUTE 150**

SCALE: 1"=20'
DATE: 12/09/13

DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB 09-00481-00-WR		CHAMPAIGN	193	104
STA. 285+00		TO STA. 296+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



REVISIONS	
NAME	DATE

**PAVEMENT MARKING PLAN
WASHINGTON STREET**

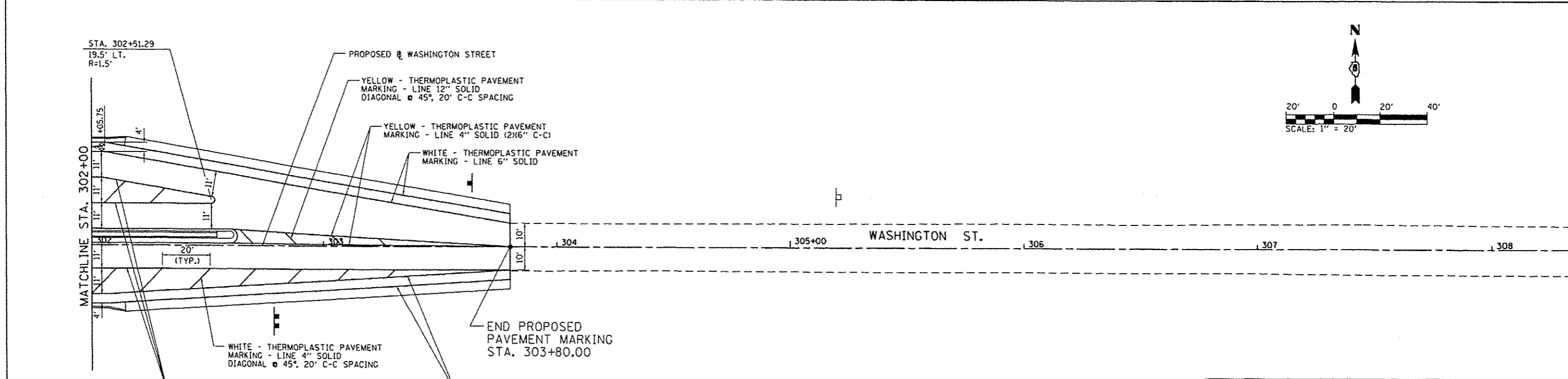
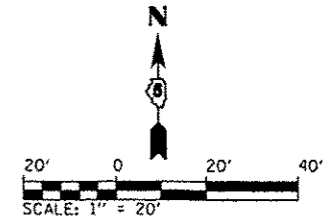
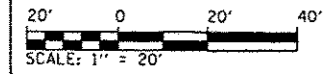
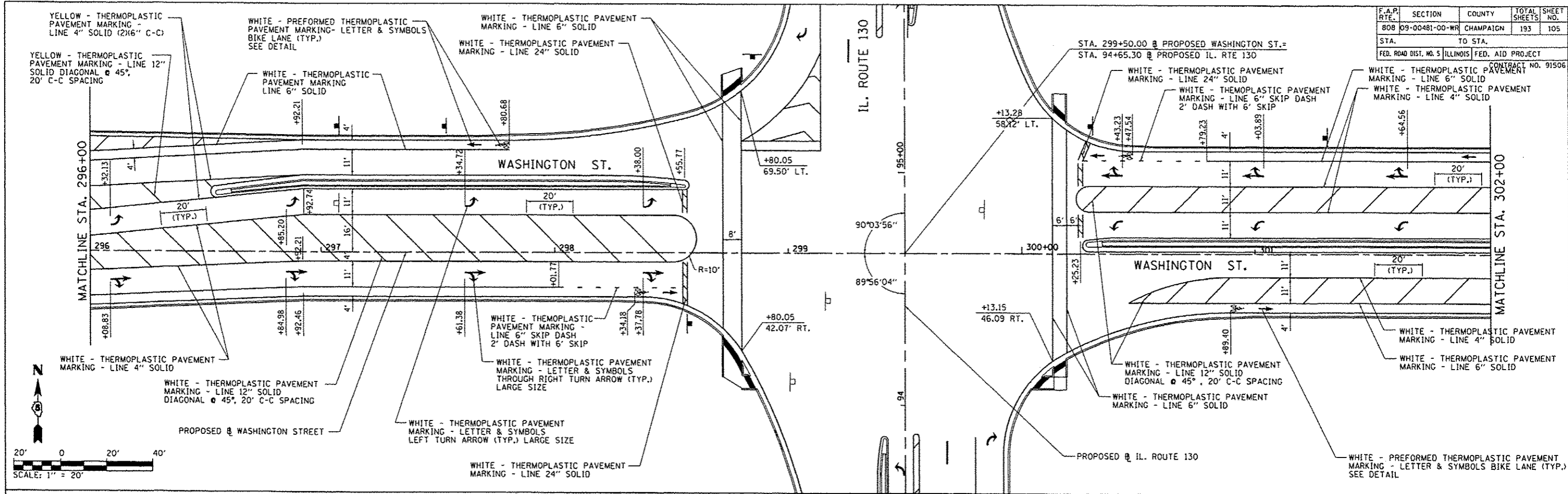
SCALE: 1"=20'
DATE: 12/09/13

DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	105
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 91506



REVISIONS	
NAME	DATE

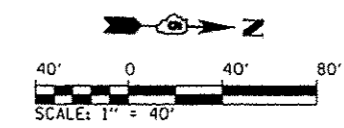
**PAVEMENT MARKING PLAN
WASHINGTON STREET**


SCALE: 1"=20'
DATE: 12/09/13


DRAWN BY: R.A.H.
CHECKED BY: K.L.T.


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 12/9/2013


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	106
STA. 55+00		TO STA. 67+00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				

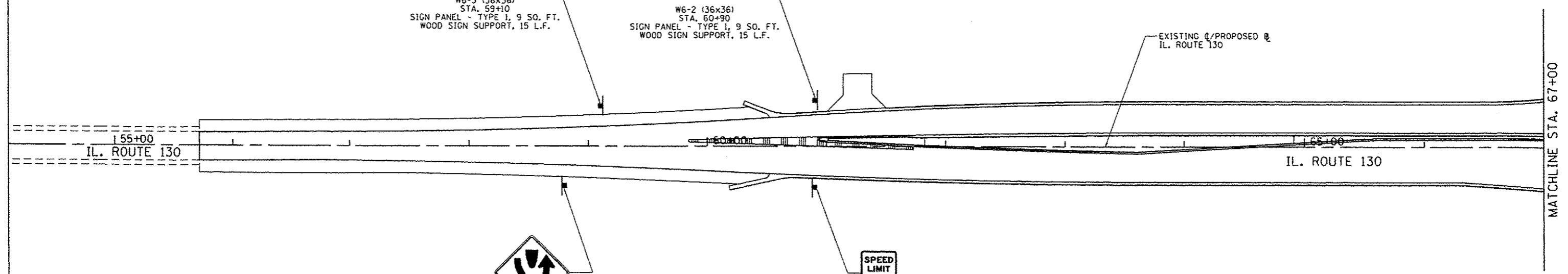



 W6-3 (36x36)
 STA. 59+10
 SIGN PANEL - TYPE 1, 9 SQ. FT.
 WOOD SIGN SUPPORT, 15 L.F.


 W6-2 (36x36)
 STA. 60+90
 SIGN PANEL - TYPE 1, 9 SQ. FT.
 WOOD SIGN SUPPORT, 15 L.F.


 W6-1 (36x36)
 STA. 58+80
 SIGN PANEL - TYPE 1, 9 SQ. FT.
 WOOD SIGN SUPPORT, 15 L.F.


 R2-1 (30x36)
 STA. 60+90
 SIGN PANEL - TYPE 1, 7.5 SQ. FT.
 WOOD SIGN SUPPORT, 15 L.F.



REVISIONS	
NAME	DATE

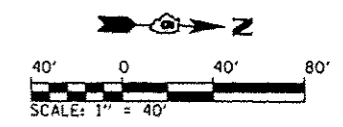
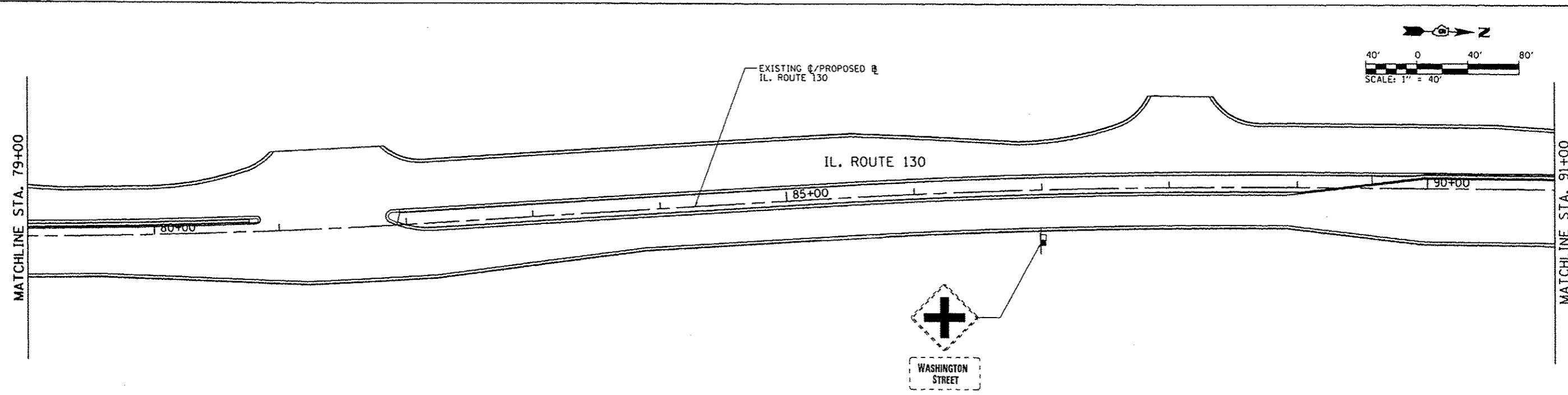
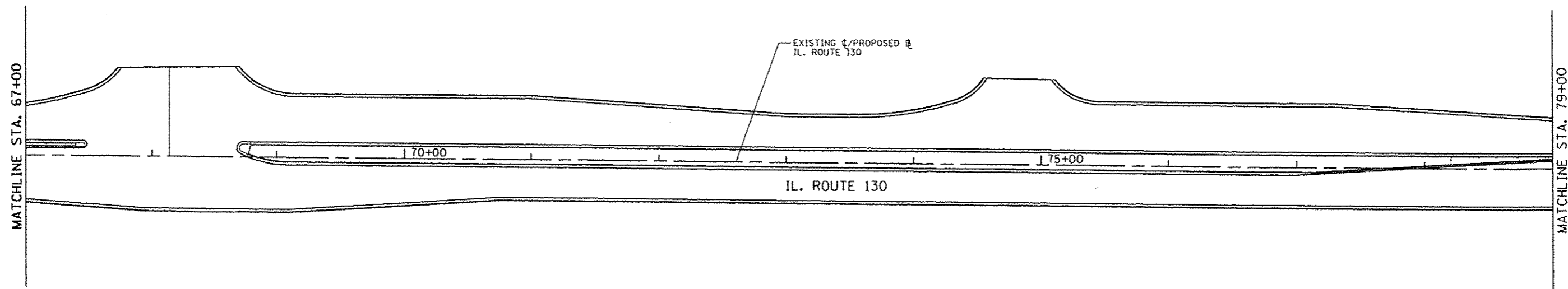
SIGNING PLAN
IL. ROUTE 130

SCALE: 1"=40'
DATE: 12/09/13

DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	107
STA. 67+00		TO STA. 91+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



STA. 87+00
 RELOCATE SIGN PANEL - TYPE 1, 14 SQ. FT.
 REMOVE GROUND MOUNTED SIGN SUPPORT, 1 EA.
 WOOD SIGN SUPPORT, 17 L.F.

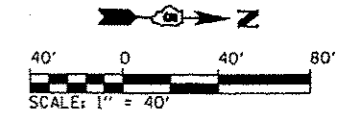
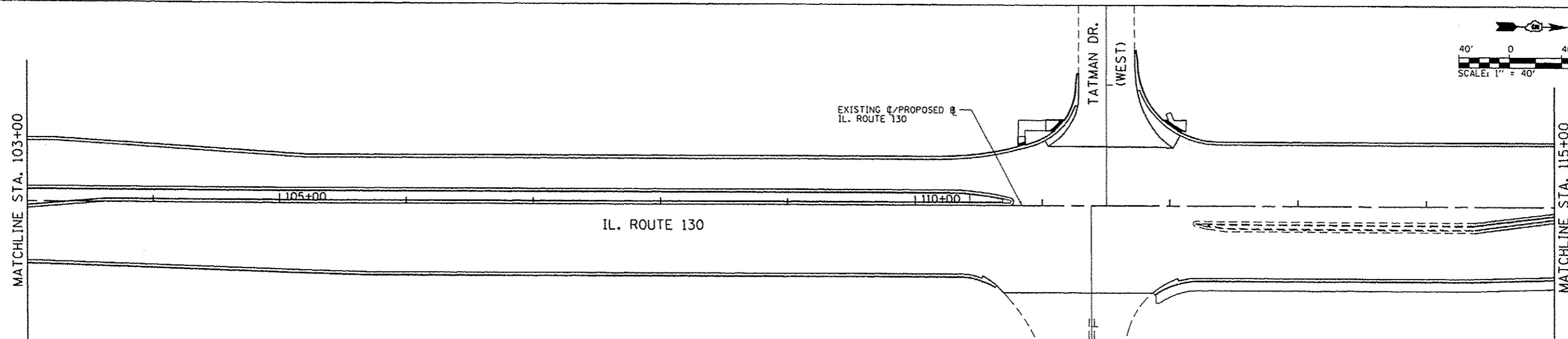
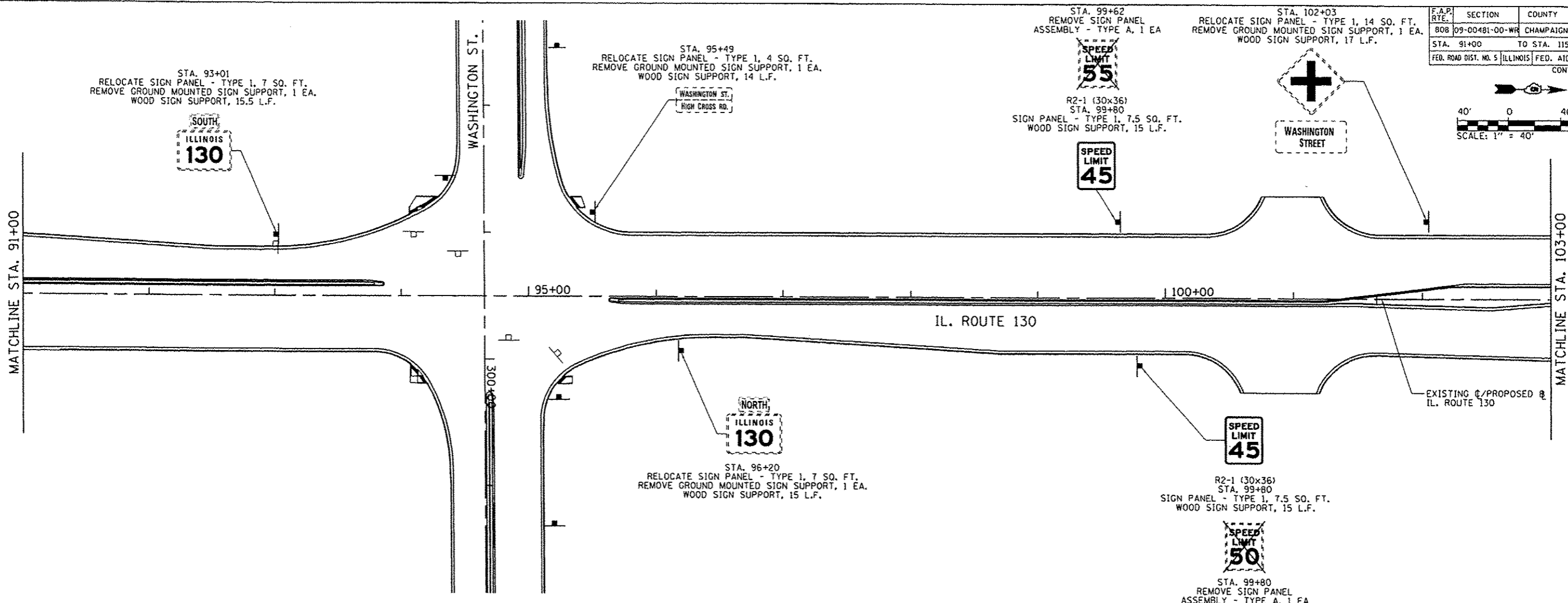
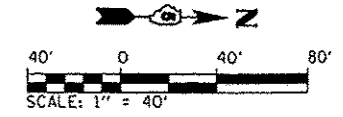
REVISIONS	
NAME	DATE

SIGNING PLAN
IL. ROUTE 130

SCALE: 1"=40'
 DATE: 12/09/13
 DRAWN BY: R.A.H.
 CHECKED BY: K.L.T.

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F.A.P. BYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	108
STA. 91+00		TO STA. 115+00		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 91506



REVISIONS	
NAME	DATE

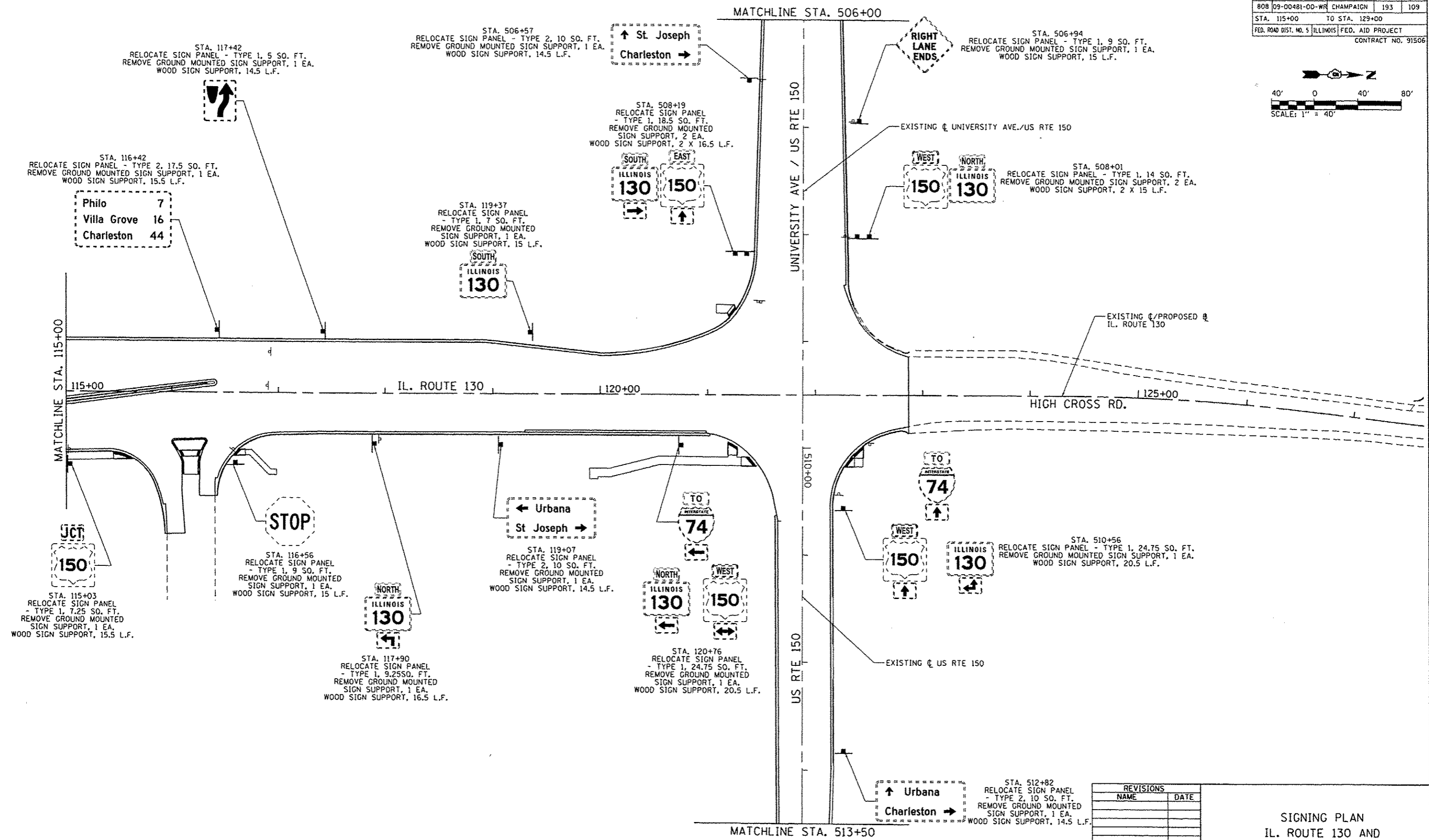
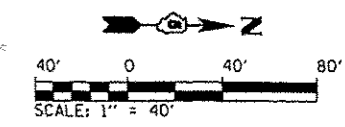
SIGNING PLAN
IL. ROUTE 130

SCALE: 1"=40'
DATE: 12/09/13

DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	109
STA. 115+00		TO STA. 129+00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				CONTRACT NO. 91506



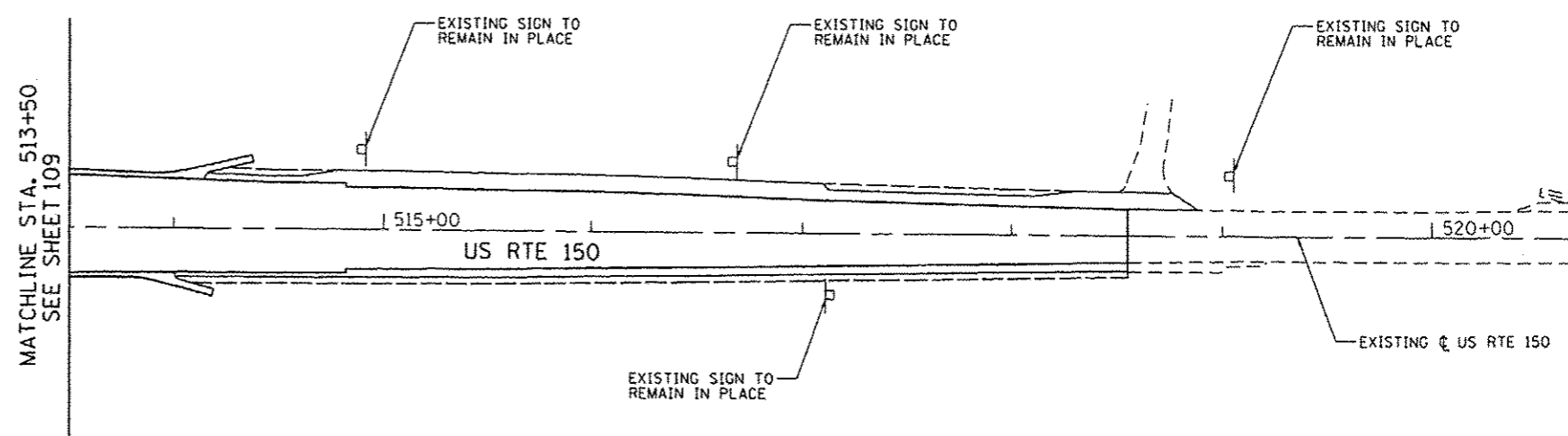
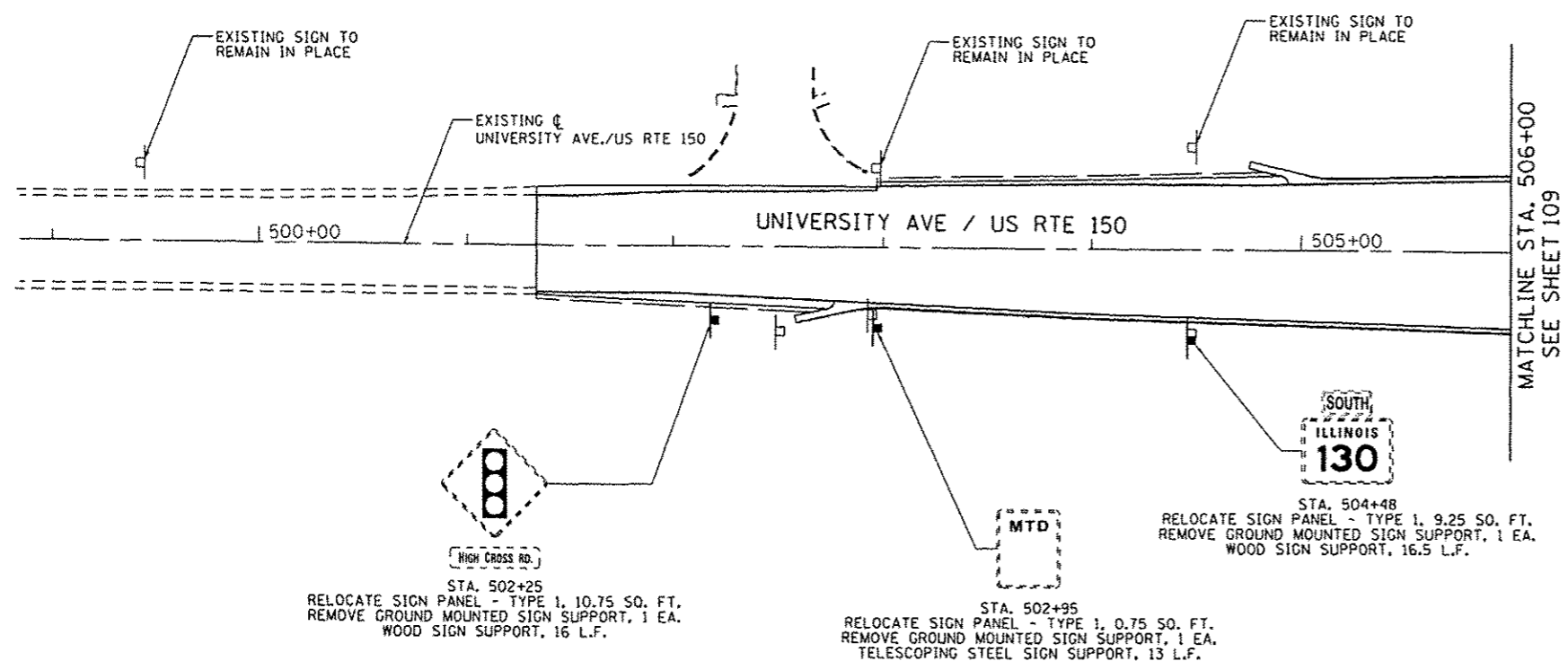
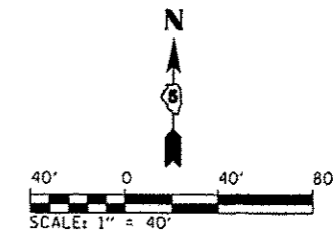
REVISIONS	
NAME	DATE

SIGNING PLAN
 IL. ROUTE 130 AND
 UNIVERSITY AVE. /US RTE 150

SCALE: 1"=40'
 DATE: 12/09/13
 DRAWN BY: R.A.H.
 CHECKED BY: K.L.T.

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 12/09/13
 12/19/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	110
STA. 501+00		TO STA. 521+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				

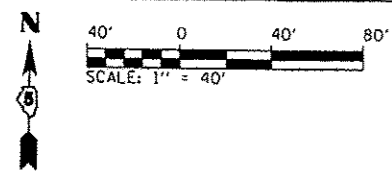


REVISIONS	
NAME	DATE

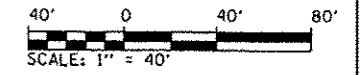
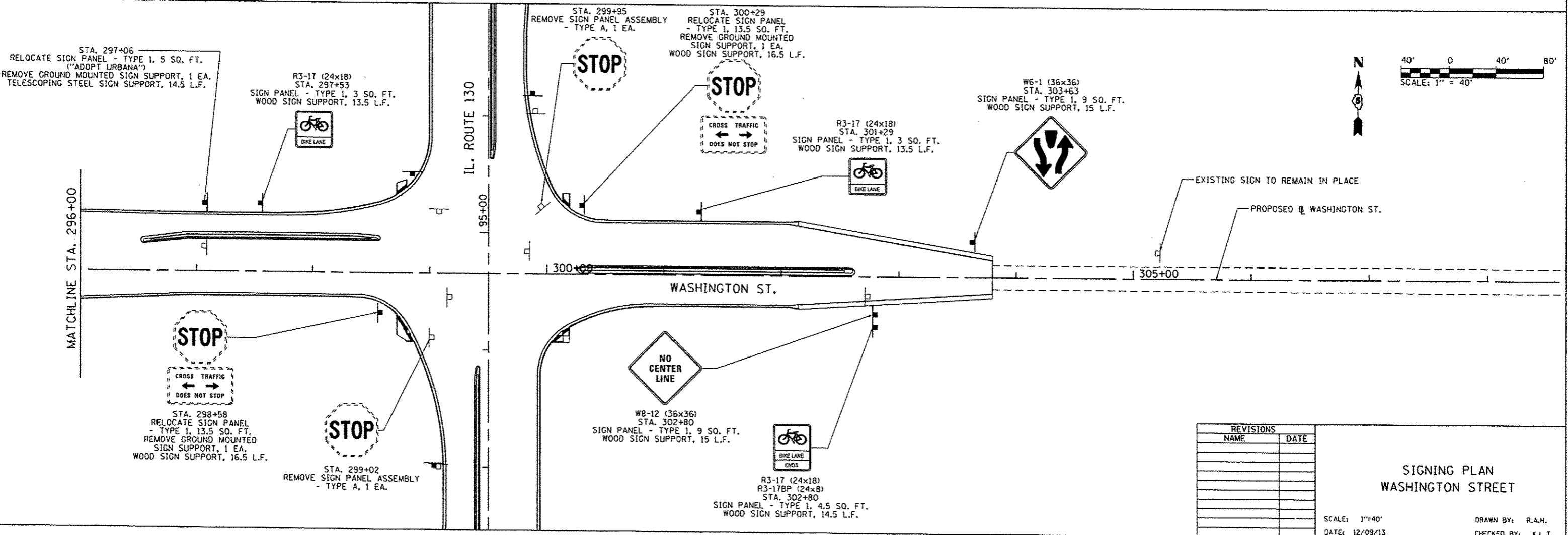
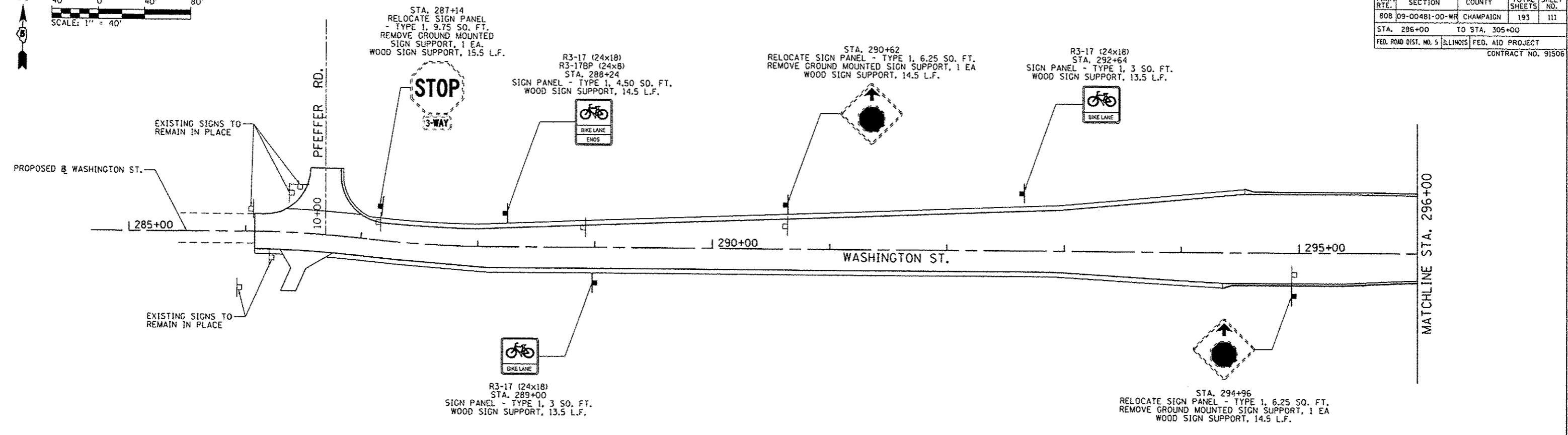
SIGNING PLAN
UNIVERSITY AVE. /US RTE 150

SCALE: 1"=40'
DATE: 12/09/13
DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	111
STA. 286+00		TO STA. 305+00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



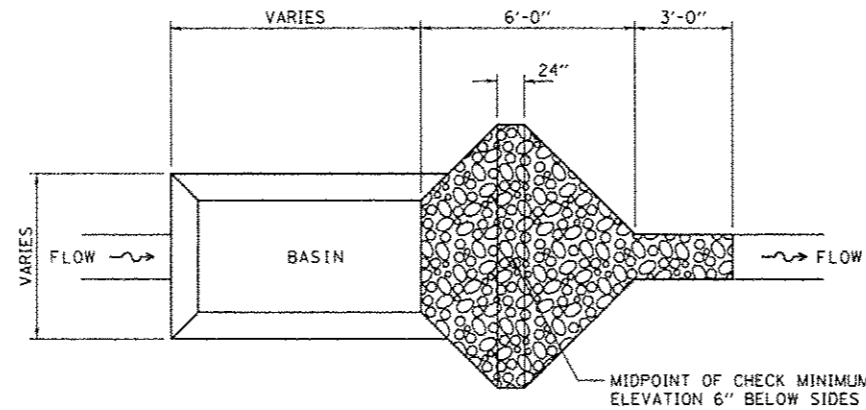
REVISIONS	
NAME	DATE

SIGNING PLAN
WASHINGTON STREET

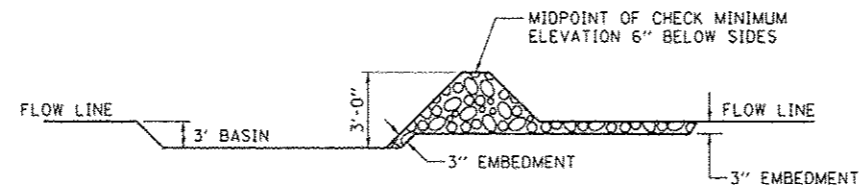
SCALE: 1"=40'
DATE: 12/09/13
DRAWN BY: R.A.H.
CHECKED BY: K.L.T.

Default: L:\Urban\12001-08\Draw\CAD\Shops\SIGN06_WASH.dgn
 12/9/2013

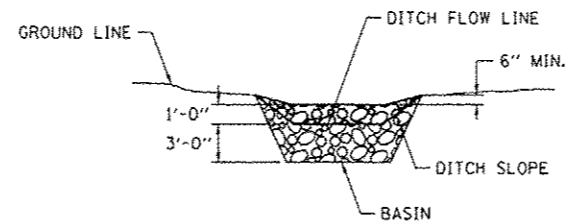
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	112
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



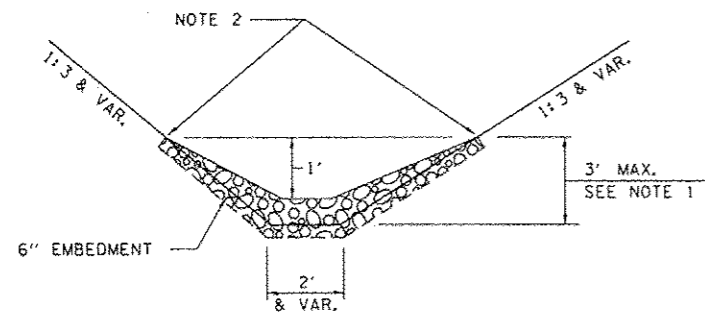
PLAN VIEW - BASIN WITH STONE CHECK OUTLET



SECTION - BASIN WITH STONE CHECK OUTLET



ELEVATION - BASIN WITH STONE CHECK OUTLET



STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR EROSION CONTROL PLAN

ITEM	SYMBOL
TEMPORARY DITCH CHECKS (AGGREGATE OR APPROVED SUBSTITUTION - HEIGHT = 2' OR AS DIRECTED BY ENGINEER)	
INLET PIPE PROTECTION (I&PP) (AGGREGATE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PERIMETER EROSION BARRIER	

GENERAL NOTES:

- ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.
- TWO OR MORE SYSTEMS MAY BE SPECIFIED TO BE PLACED TOGETHER (I. E. PERIMETER BARRIER AND EROSION CONTROL FENCE) FOR ENHANCED PERFORMANCE.
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SLOPES DURING TIME PERIODS, WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT TIME OF THEIR COMPLETION.

REVISIONS	
NAME	DATE

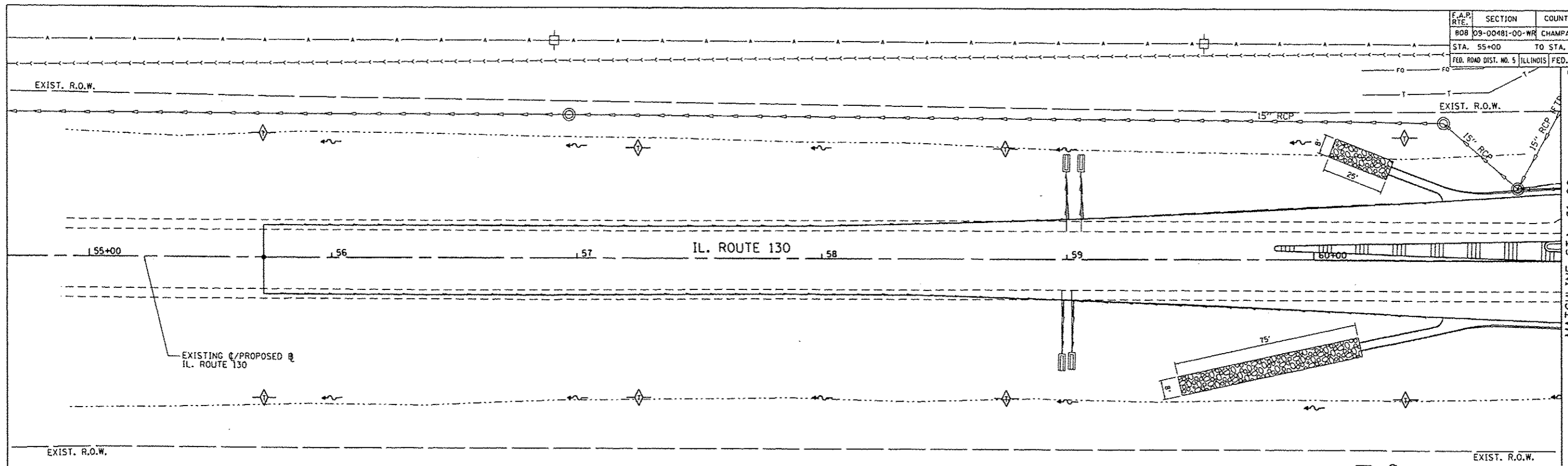
EROSION CONTROL DETAILS
IL ROUTE 130

SCALE: N/A
DATE: 12/08/13

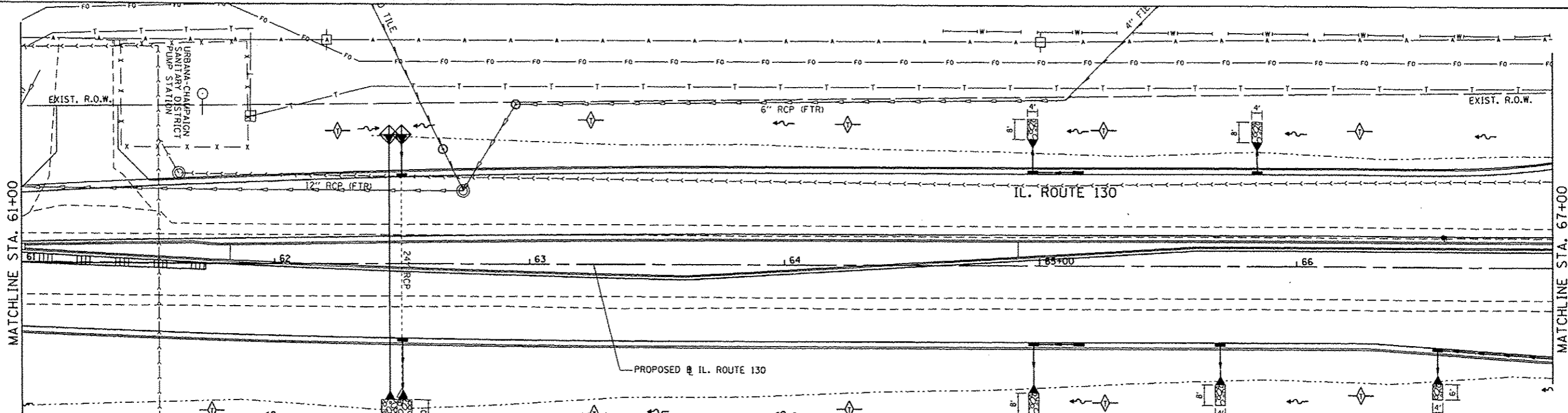
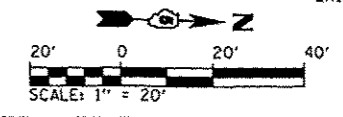
DRAWN BY: GLD
CHECKED BY: KLT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B08	09-00481-00-WR	CHAMPAIGN	193	113
STA. 55+00		TO STA. 67+00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

MATCHLINE STA. 61+00

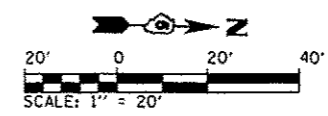


NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING

LEGEND	
	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER



REVISIONS	
NAME	DATE

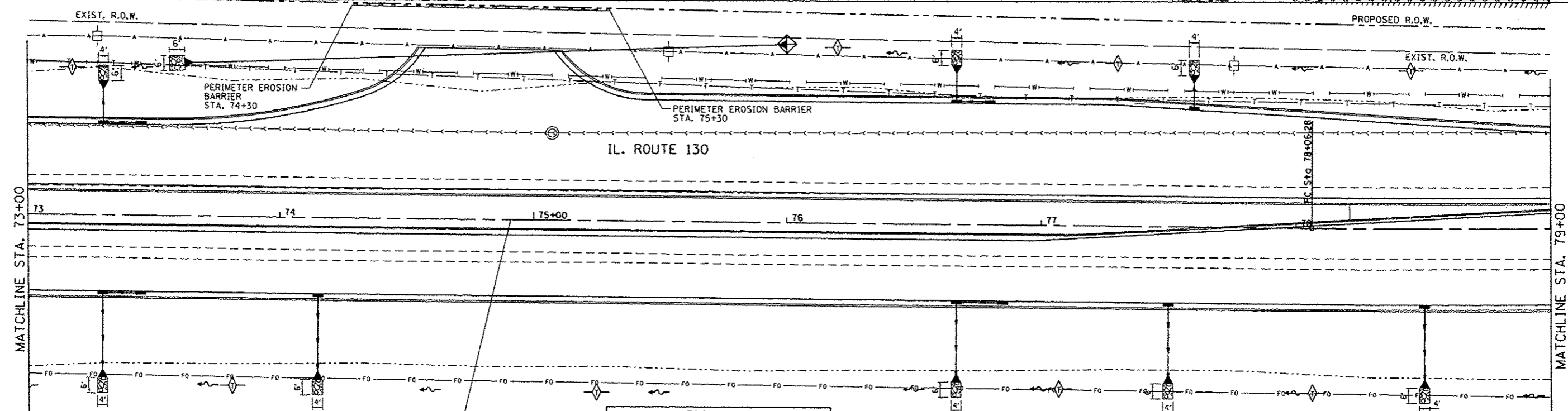
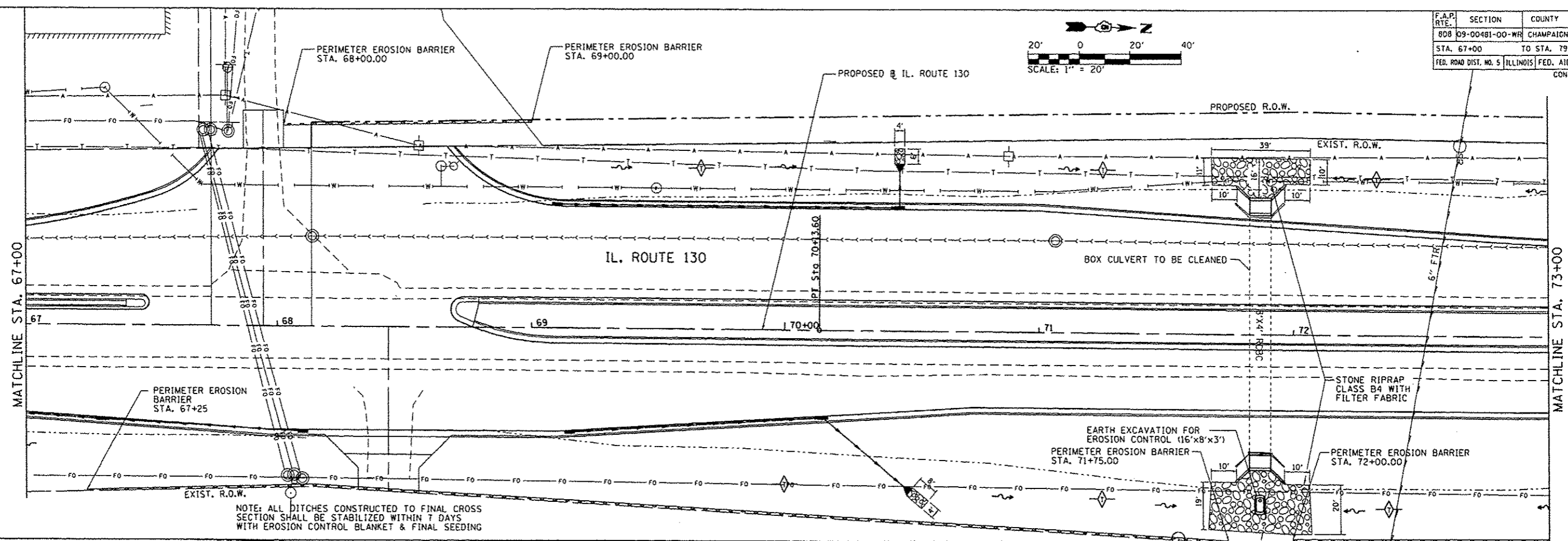
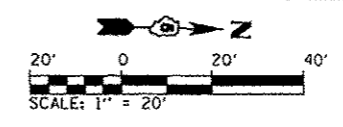
**EROSION CONTROL PLAN
IL. ROUTE 130**

SCALE: 1" = 20"
DATE: 12/09/13

DRAWN BY: GLD
CHECKED BY: KLT

V:\urbona\2009-08\Draw\CA00_Sheets\EROSOL_IL130.dgn
Date Plot 12/27/2013

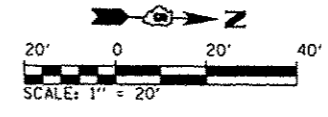
F.A.P. RYE:	SECTION	COUNTY	TOTAL SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193
STA. 67+00	TO STA. 79+00		114
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT	
CONTRACT NO. 91506			



LEGEND

- STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
- DITCH CHECK (TEMPORARY)
- INLET & PIPE PROTECTION
- SEDIMENT BASIN
- PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

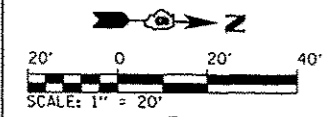


**EROSION CONTROL PLAN
IL. ROUTE 130**

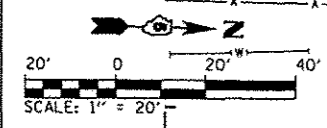
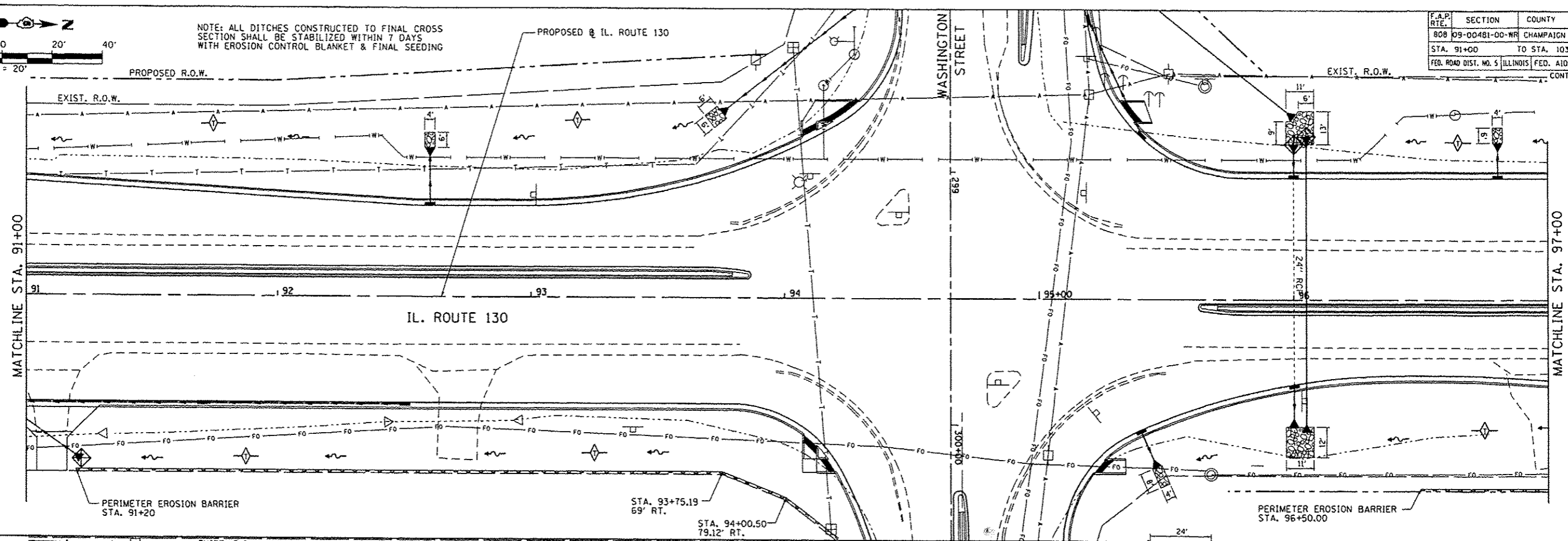
SCALE: 1" = 20'
DATE: 12/09/13
DRAWN BY: GLD
CHECKED BY: KLT

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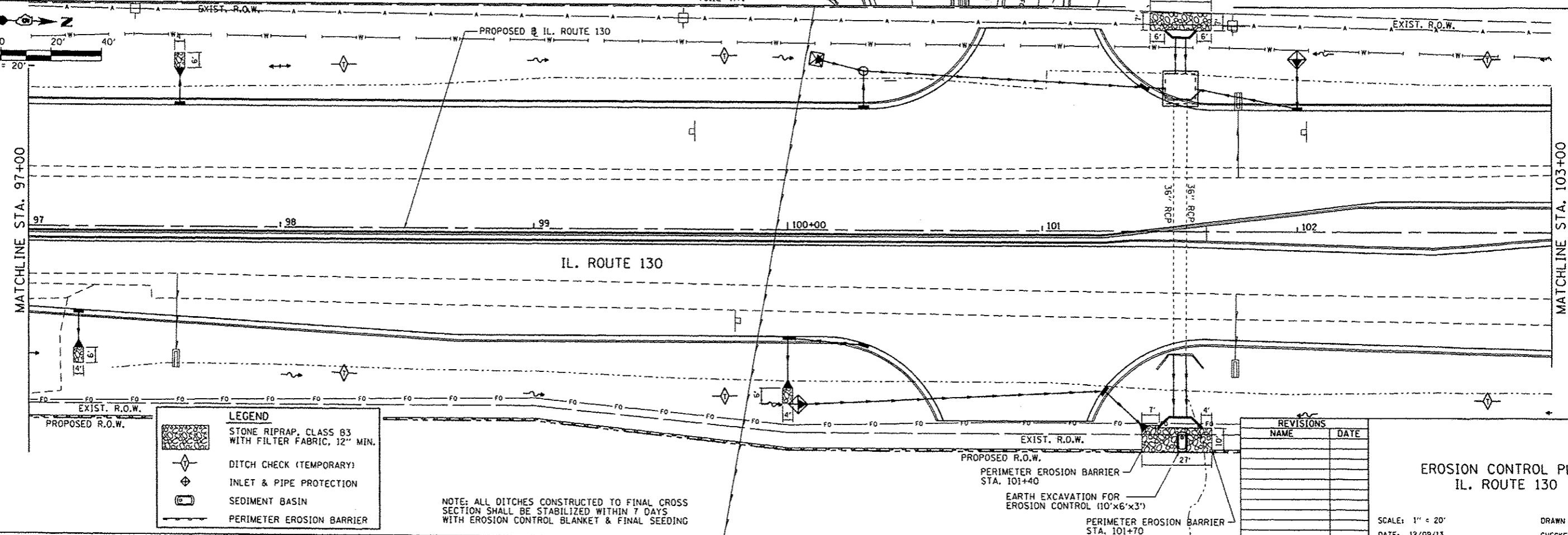
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	116
STA. 91+00		TO STA. 103+00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91506				



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



LEGEND	
	STONE RIPRAP, CLASS 83 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER

NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING

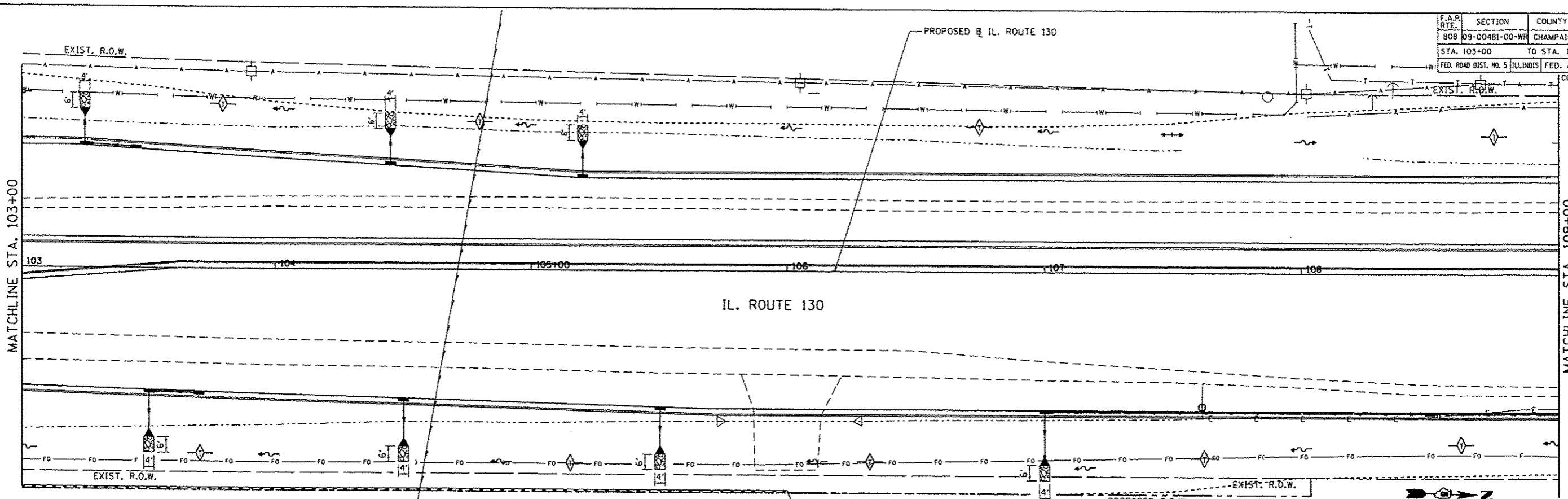
REVISIONS	
NAME	DATE

EROSION CONTROL PLAN
IL. ROUTE 130

SCALE: 1" = 20'
DATE: 12/09/13
DRAWN BY: GLD
CHECKED BY: KLT

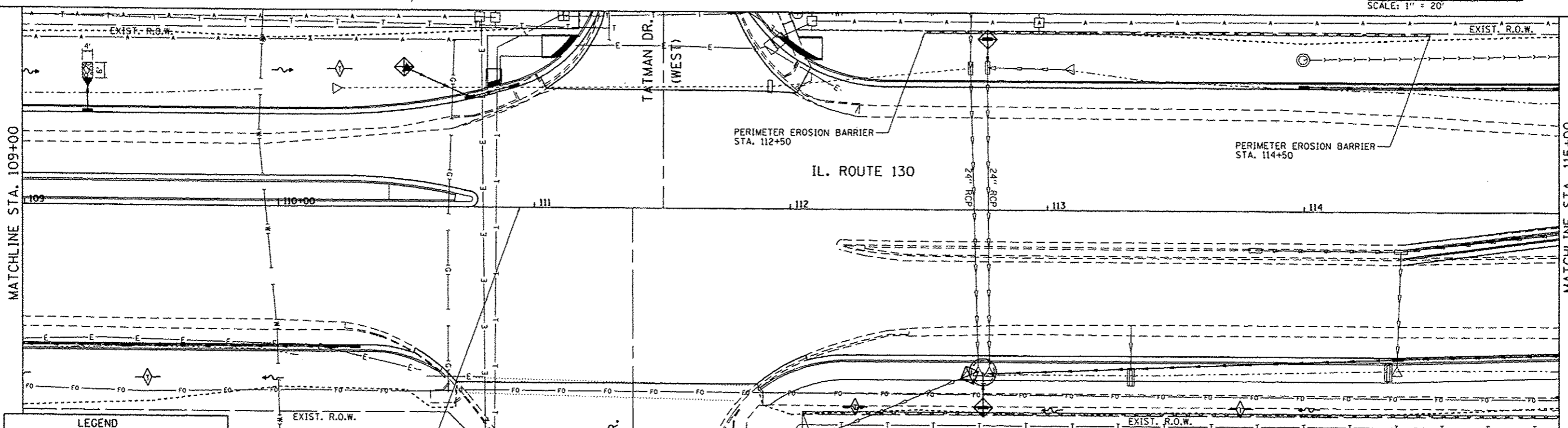
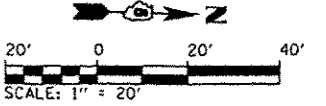
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	117
STA. 103+00		TO STA. 115+00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING

PERIMETER EROSION BARRIER STA. 106+00



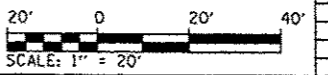
PERIMETER EROSION BARRIER STA. 112+50

PERIMETER EROSION BARRIER STA. 114+50

IL. ROUTE 130

LEGEND	
	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER

NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



REVISIONS	
NAME	DATE

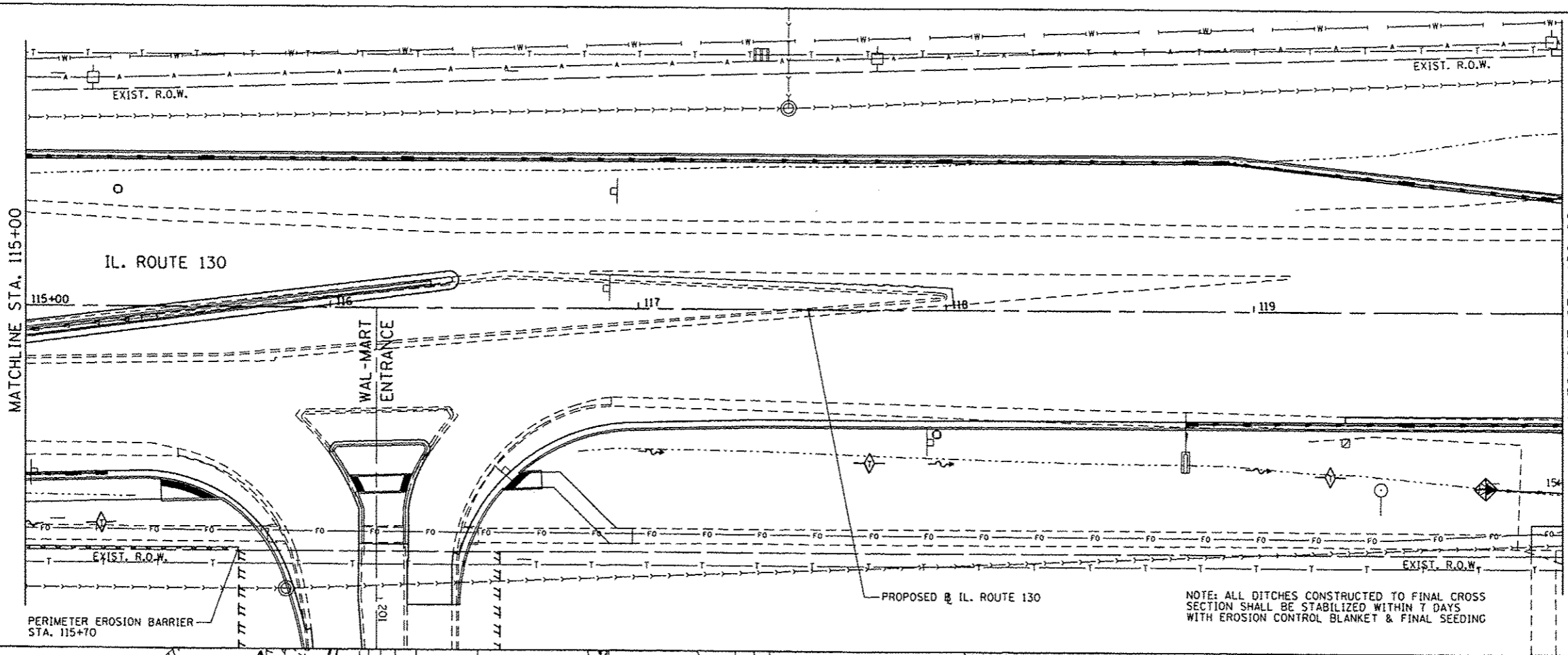
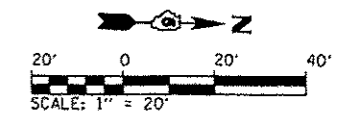
EROSION CONTROL PLAN
IL. ROUTE 130

SCALE: 1" = 20"
DATE: 12/09/13

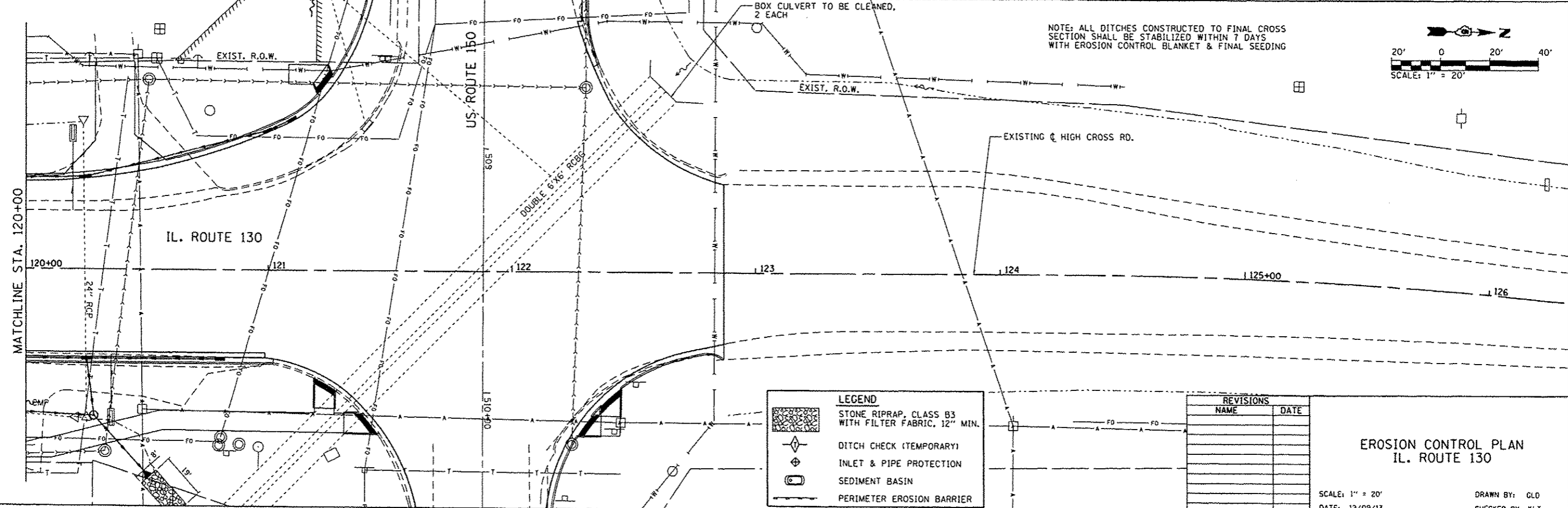
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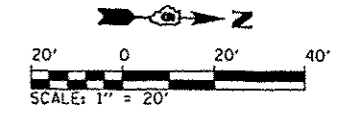
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808	09-00481-00-WR	CHAMPAIGN	193	118
STA. 115+00		TO STA. 126+00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91506				



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



LEGEND

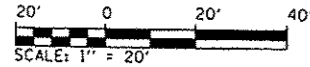
- STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
- DITCH CHECK (TEMPORARY)
- INLET & PIPE PROTECTION
- SEDIMENT BASIN
- PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

**EROSION CONTROL PLAN
IL. ROUTE 130**

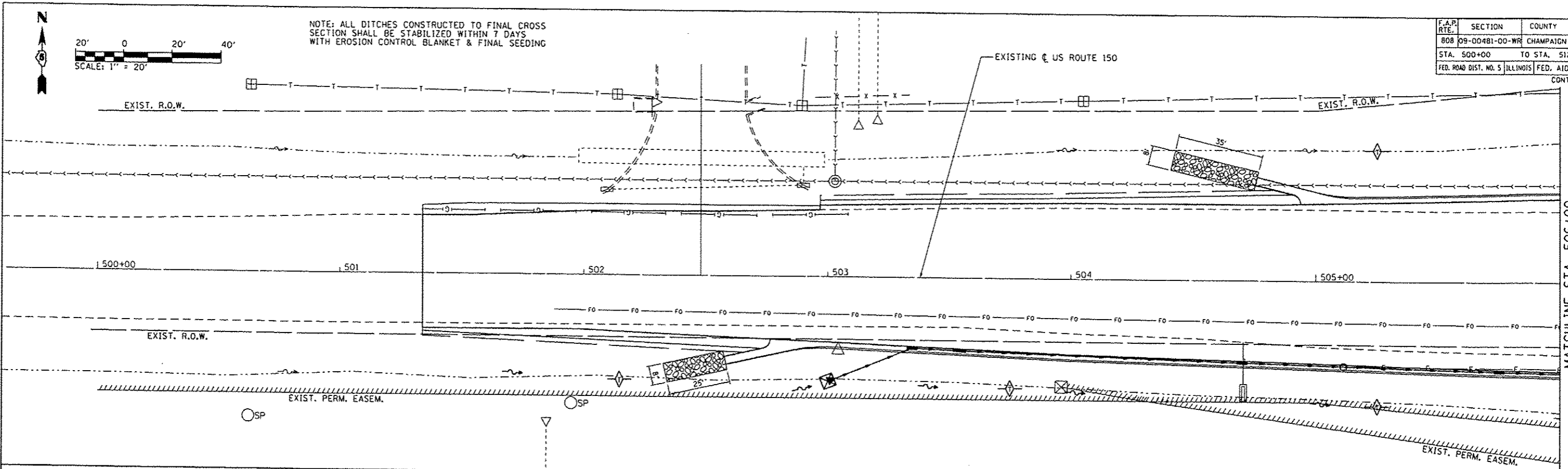
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CHECKED BY: KLT

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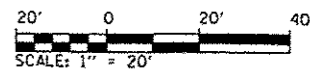
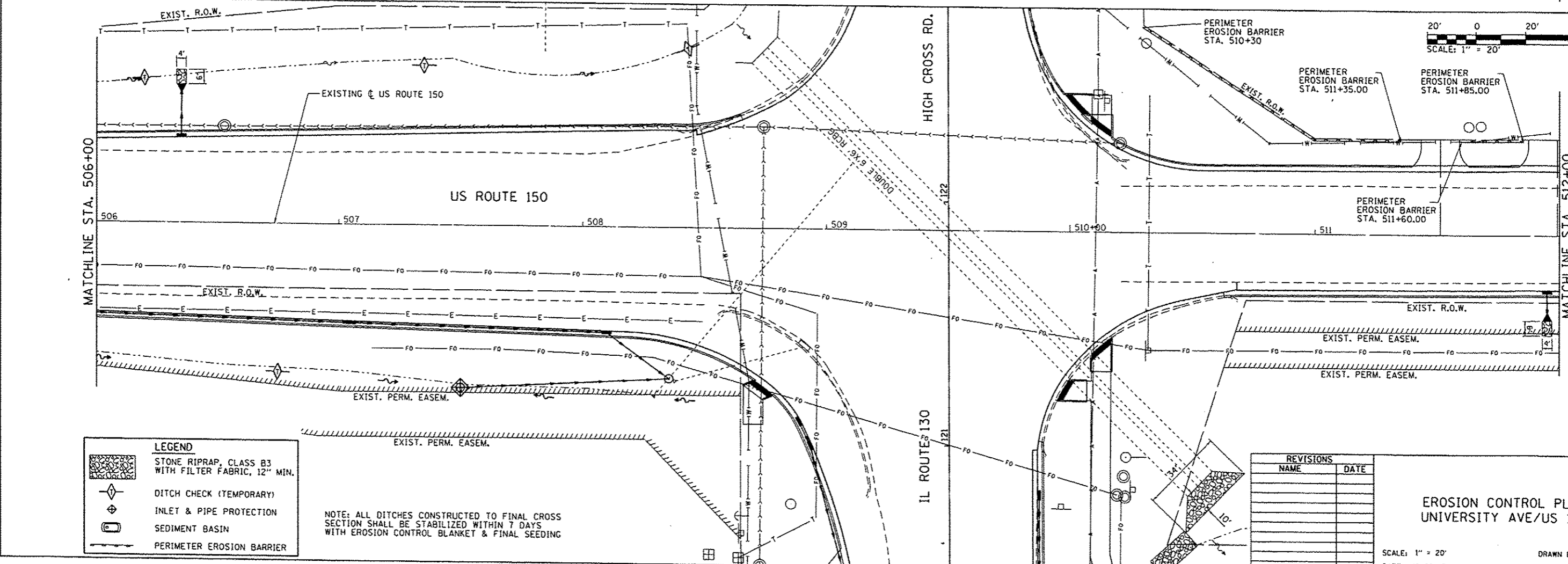


NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	119
STA. 500+00		TO STA. 512+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



MATCHLINE STA. 506+00



MATCHLINE STA. 512+00

LEGEND

	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER

NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING

REVISIONS	
NAME	DATE

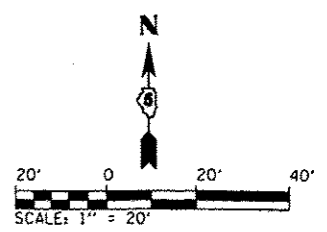
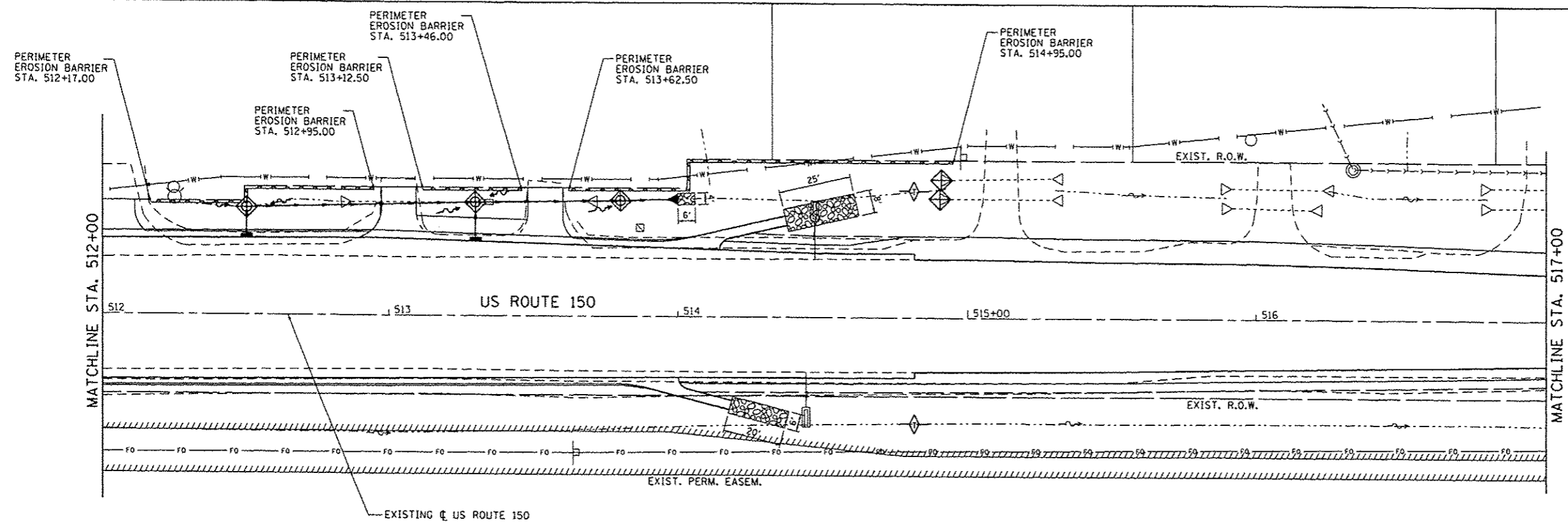
EROSION CONTROL PLAN UNIVERSITY AVE/US 150

SCALE: 1" = 20'
DATE: 12/09/13

DRAWN BY: GLD
CHECKED BY: KLT

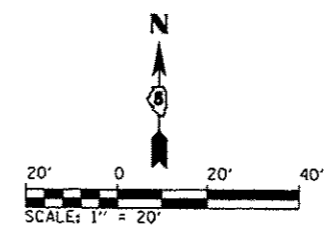
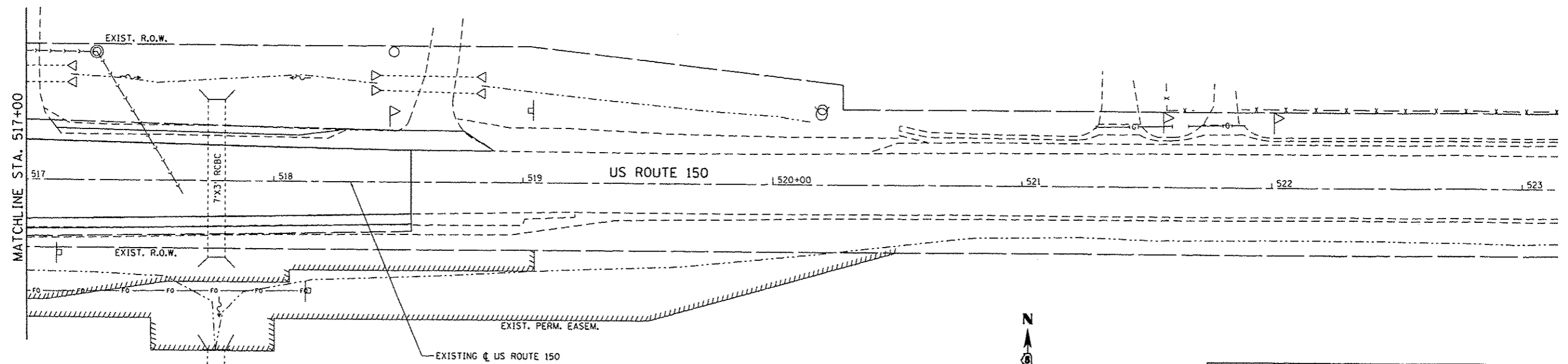
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07/27/2013

F.A.P.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	120
STA. 512+00		TO STA. 518+00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



LEGEND	
	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER

NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL BLANKET & FINAL SEEDING



REVISIONS	
NAME	DATE

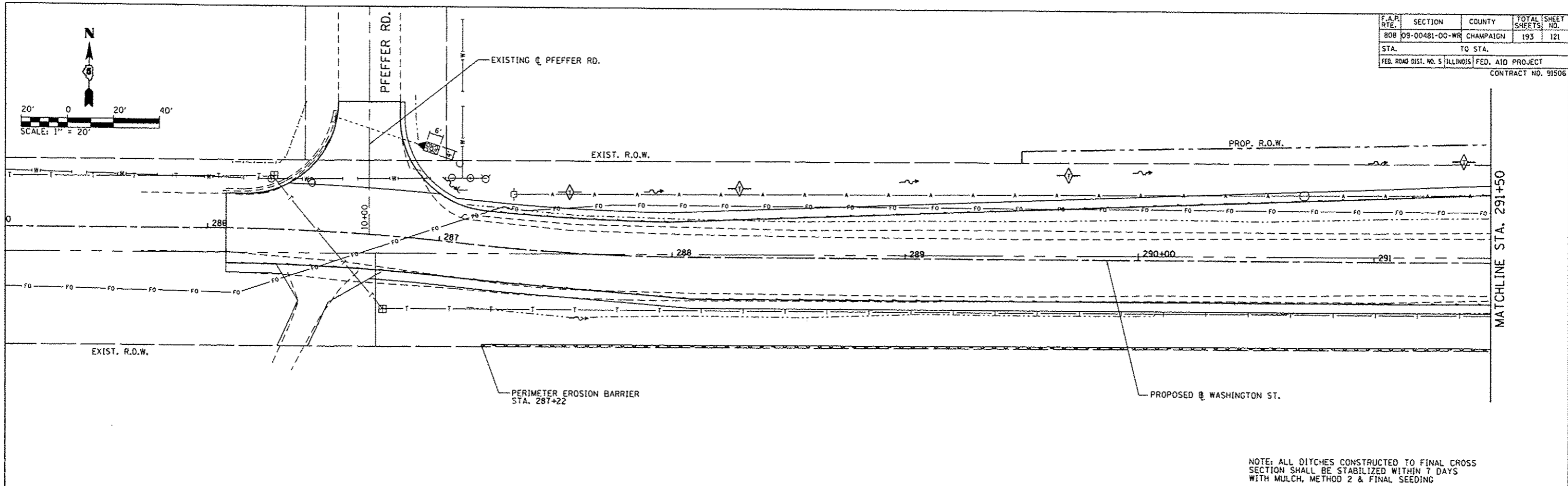
EROSION CONTROL PLAN
US ROUTE 150

SCALE: 1" = 20'
DATE: 12/09/13

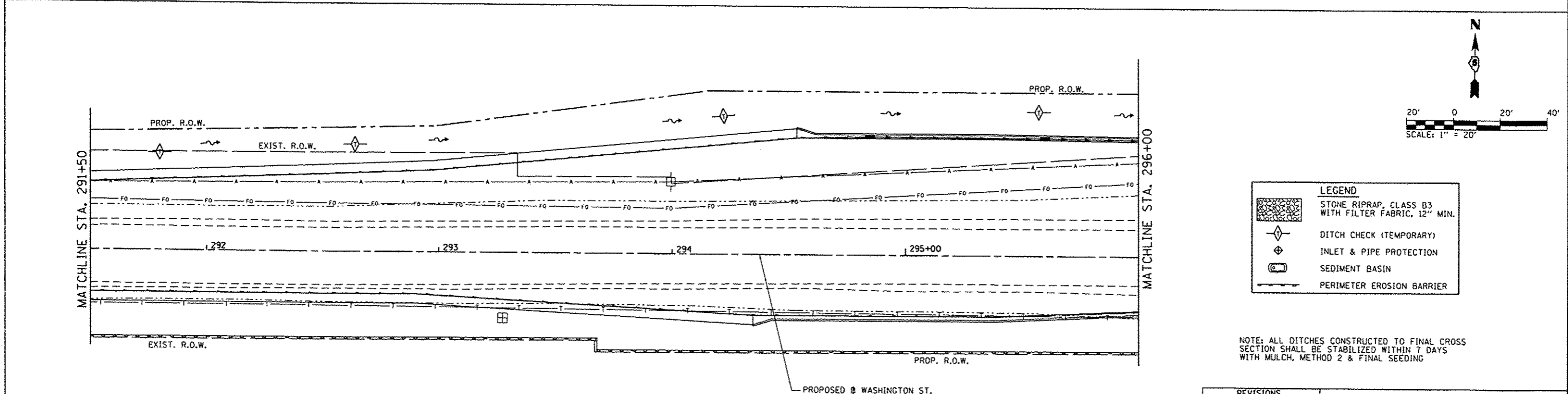
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CHECKED BY: KLT

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	121
STA.		TO STA.		
FEB. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH MULCH, METHOD 2 & FINAL SEEDING



LEGEND	
	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER

NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH MULCH, METHOD 2 & FINAL SEEDING

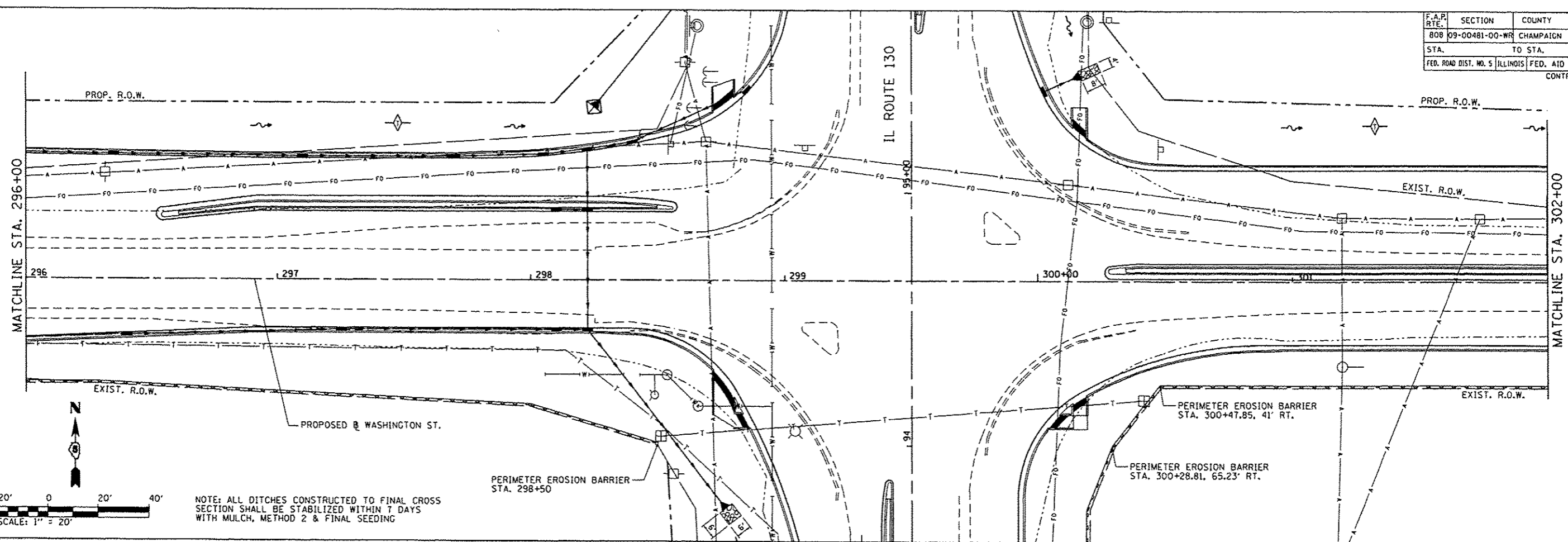
REVISIONS	
NAME	DATE

**EROSION CONTROL PLAN
WASHINGTON STREET**

SCALE: 1" = 20'
DATE: 12/09/13
DRAWN BY: GLO
CHECKED BY: KLT

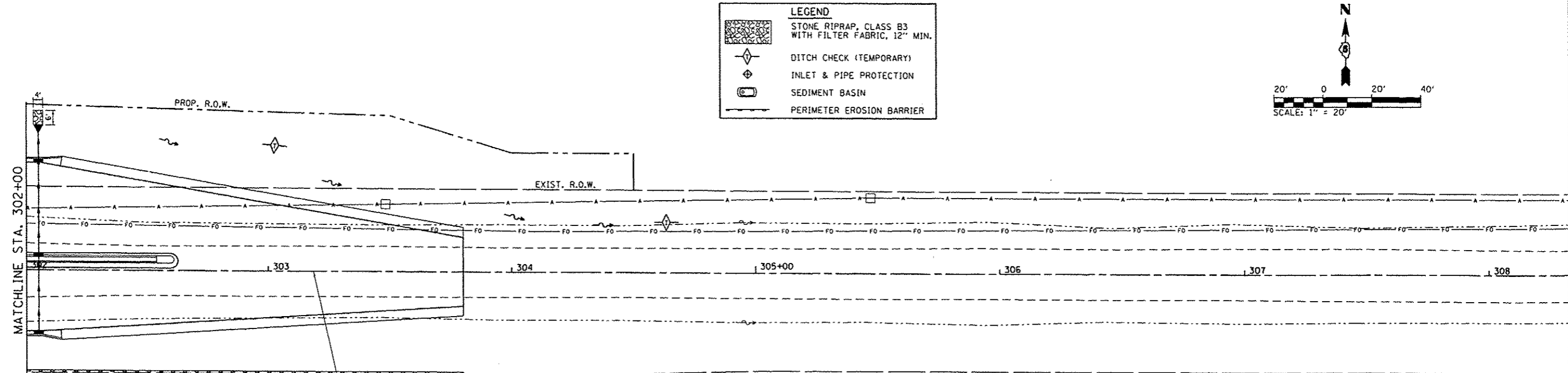
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F.A.P. RYE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	122
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH MULCH, METHOD 2 & FINAL SEEDING

LEGEND	
	STONE RIPRAP, CLASS B3 WITH FILTER FABRIC, 12" MIN.
	DITCH CHECK (TEMPORARY)
	INLET & PIPE PROTECTION
	SEDIMENT BASIN
	PERIMETER EROSION BARRIER



PERIMETER EROSION BARRIER STA. 303+80

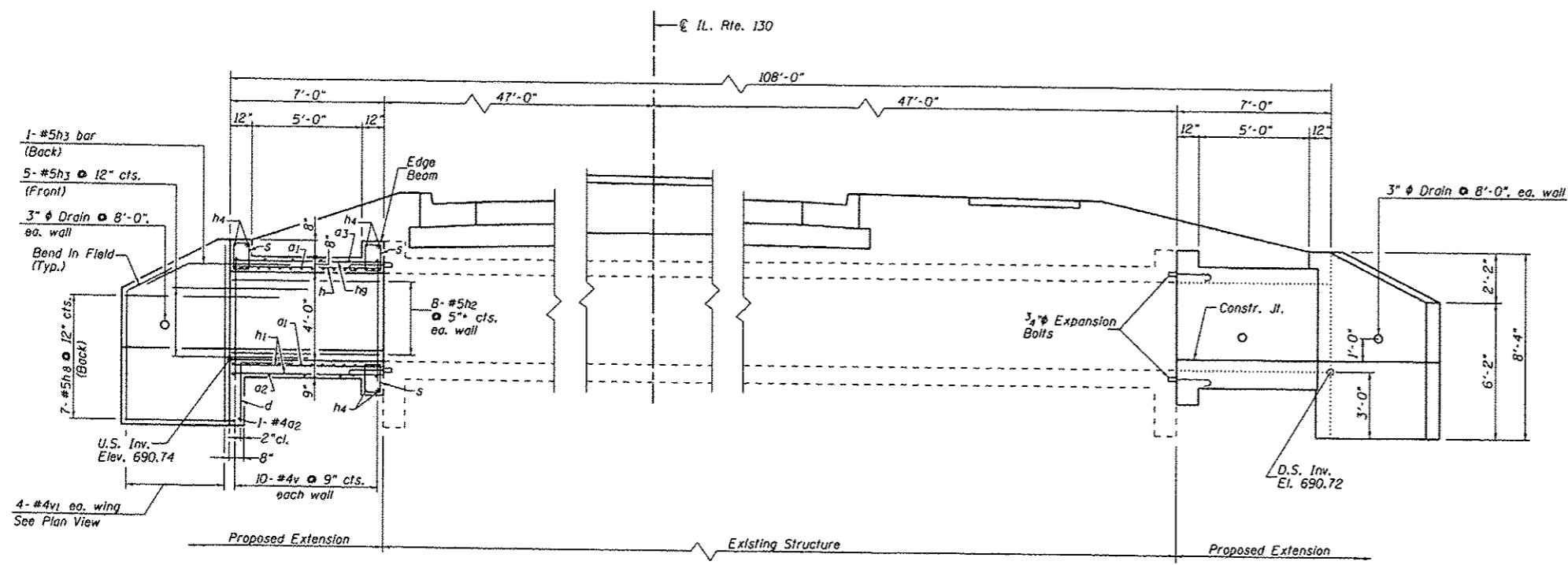
NOTE: ALL DITCHES CONSTRUCTED TO FINAL CROSS SECTION SHALL BE STABILIZED WITHIN 7 DAYS WITH MULCH, METHOD 2 & FINAL SEEDING

REVISIONS	
NAME	DATE

EROSION CONTROL PLAN
WASHINGTON STREET

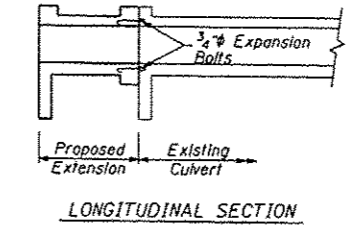
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2/2/2013

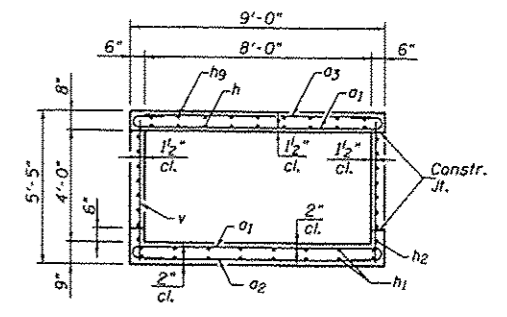


HALF LONG. SECTION

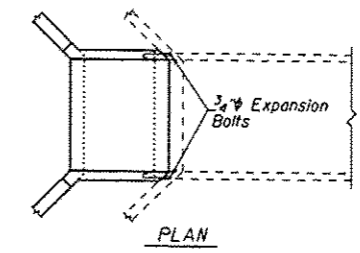
HALF ELEVATION



LONGITUDINAL SECTION



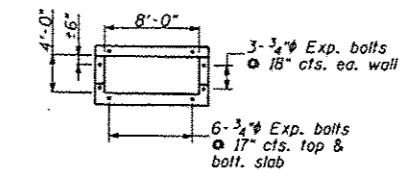
SECTION THRU BARREL



PLAN

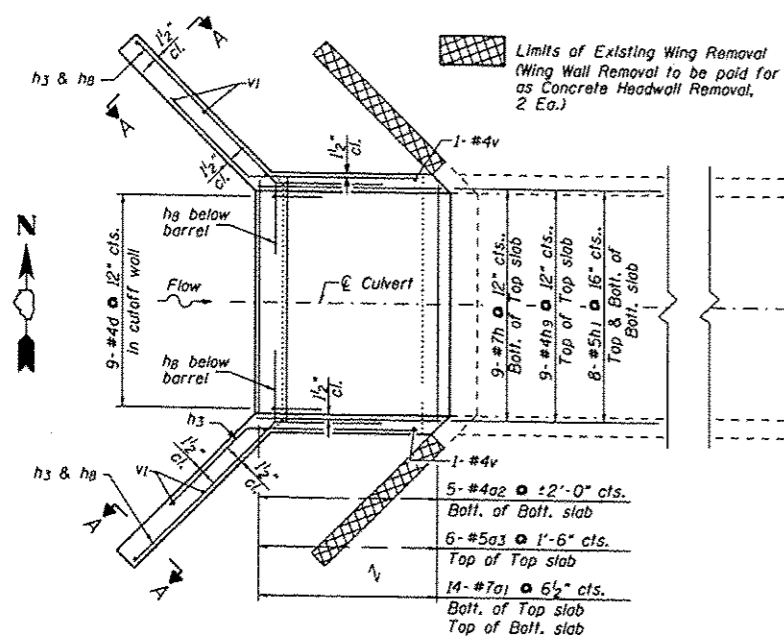
BAR LIST

Bar	No.	Size	Length	Shape
a1	56	#7	10'-4"	U
a2	12	#4	8'-3"	—
a3	12	#5	8'-3"	—
d	18	#4	4'-6"	—
h	18	#7	6'-9"	—
h1	32	#5	6'-9"	—
h2	32	#5	6'-9"	—
h3	24	#5	8'-0"	—
h4	30	#6	8'-9"	—
h8	28	#5	10'-0"	—
h9	18	#4	6'-9"	—
s	48	#4	4'-1"	□
v	44	#4	5'-1"	—
v1	16	#4	8'-0"	—

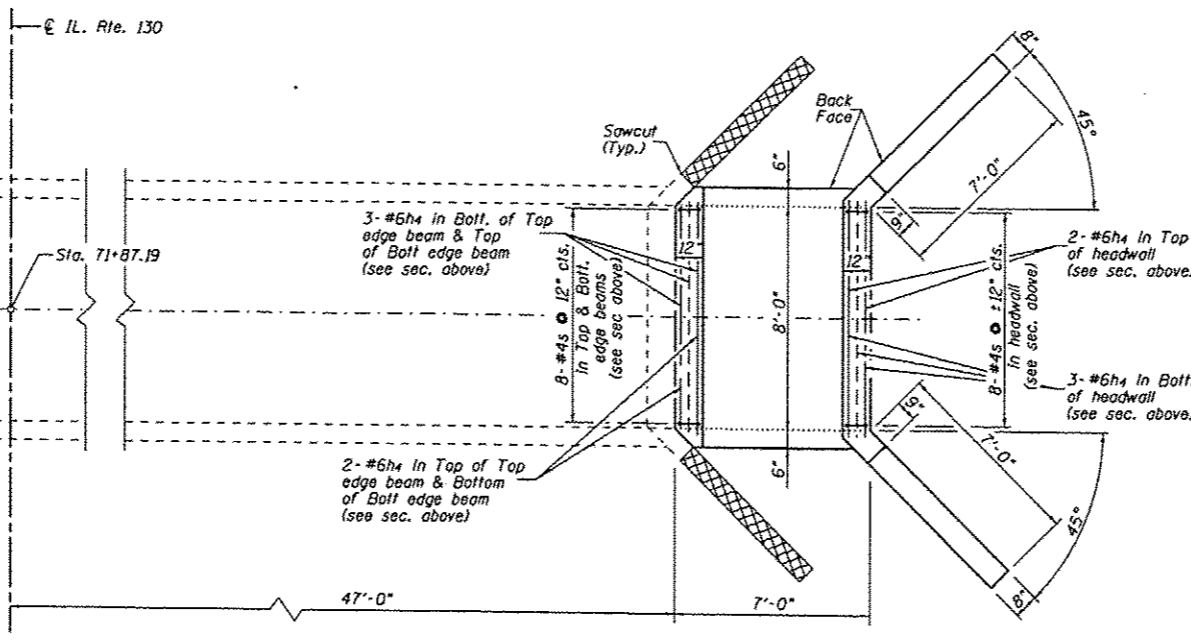


CROSS SECTION THRU BARREL

EXPANSION BOLT DETAILS
(18 Req'd. at Each End)

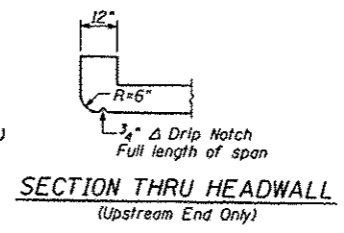


SHOWING REINFORCEMENT

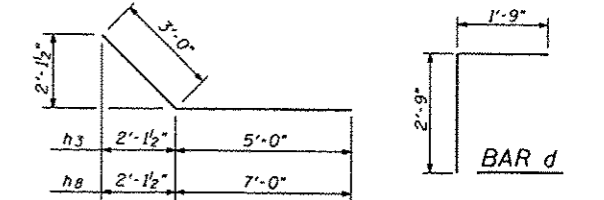


SHOWING OUTLINES

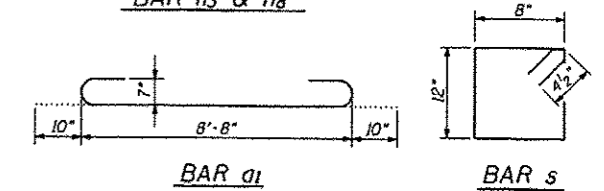
PLAN



SECTION THRU HEADWALL
(Upstream End Only)

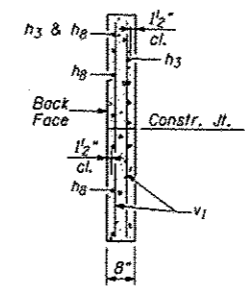


BAR h3 & h8



BAR a1

BAR s



SECTION A-A

- NOTES:
- Barrel shall be poured monolithically with the wingwalls.
 - Reinforcement bars shall conform to the requirements of ASTM A615, Grade 60.
 - All construction joints shall be bonded.
 - Expansion bolts shall be 3/4" dia. hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
 - Structure Excavation shall be paid for as Earth Excavation.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class B4	Sq. Yd.	145
Filter Fabric	Sq. Yd.	145
Reinforcement Bars, Epoxy Coated	Pound	3441
Concrete Box Culverts	Cu. Yd.	16.1
Granular Culvert Backfill	Cu. Yd.	47.5
Expansion Bolts 3/4"	Each	36

DESIGN STRESSES

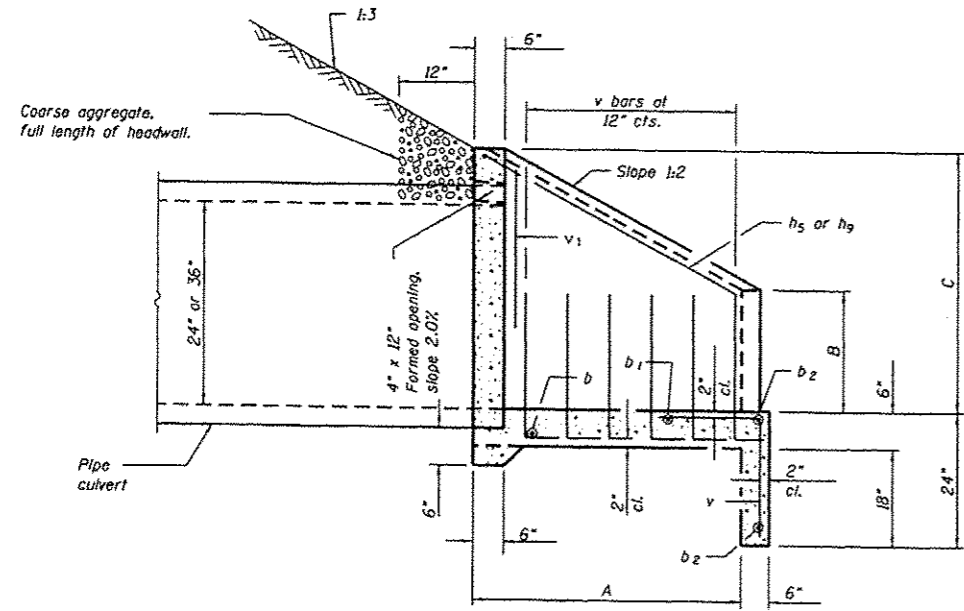
f'c = 3,500 psi
fy = 60,000 psi (reinforcement)

LOADING HS20-44

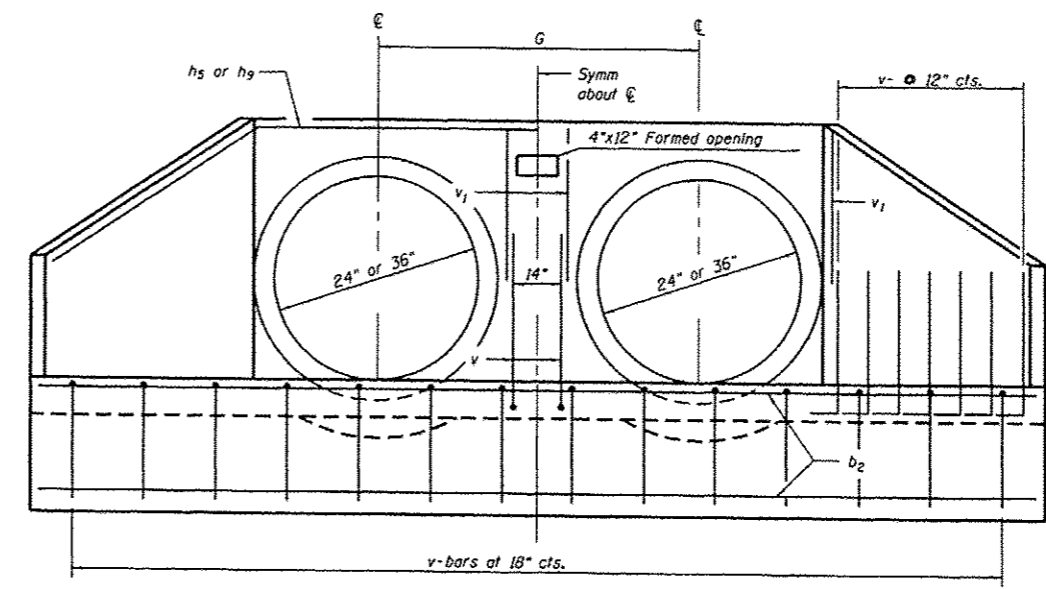
REVISIONS	
NAME	DATE

S.N. 010-8089
CULVERT EXTENSION
STA. 71+87.19

SCALE: DATE: 12/09/13
DRAWN BY: GLD
CHECKED BY: WLB



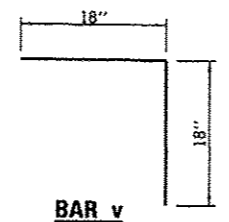
SECTION A-A



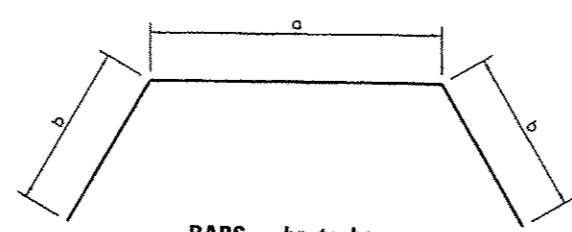
END ELEVATION

DIMENSIONS OF BARS
h₅ to h₉

Bars	For 2 Pipes	
	a	b
h ₅	6'-9"	4'-3"
h ₉	9'-0"	5'-9"



BAR v



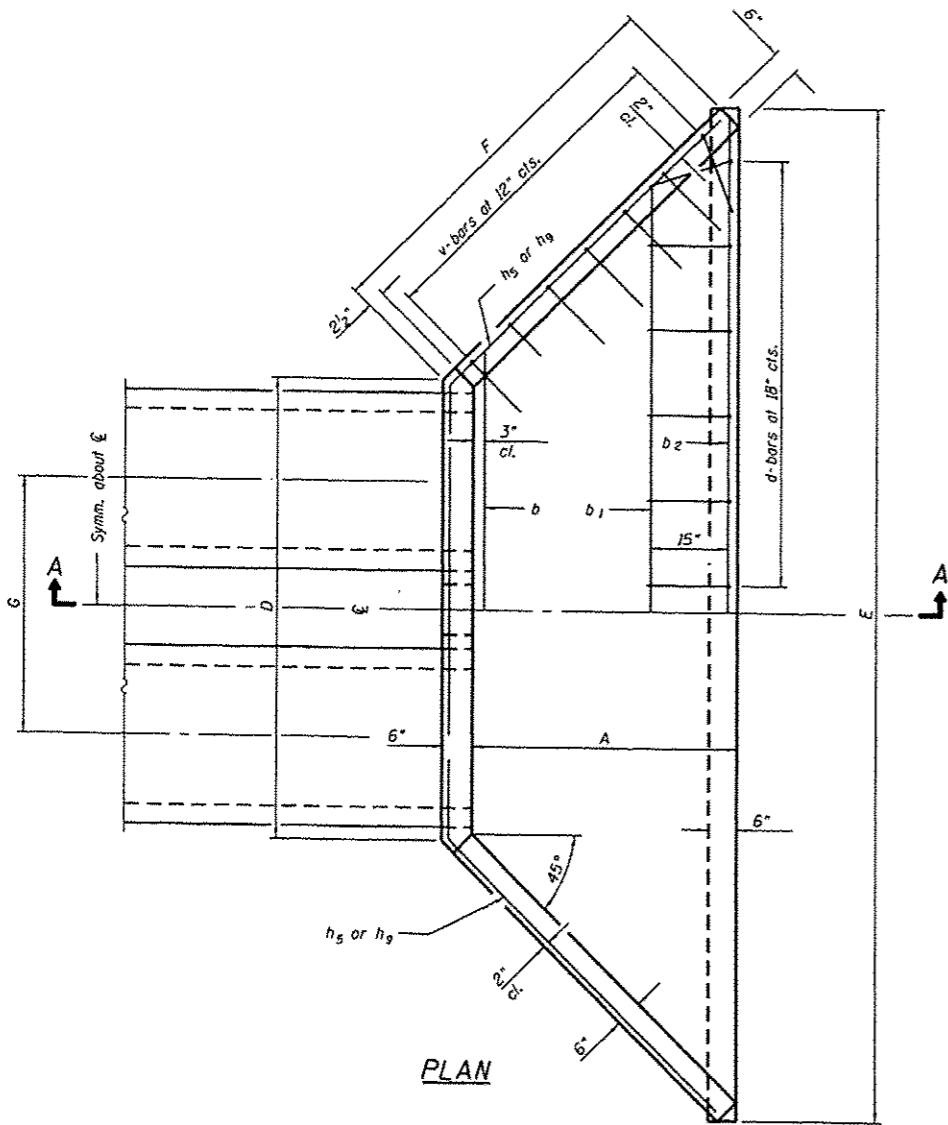
BARS - h₅ to h₉
Band in field
One required in each headwall

TABLE OF DIMENSIONS

Structure No.	Nominal Inside Dia. of Pipe	Slope of Wing Walls	Dimensions							
			For all Multiples of Pipes						For 2 Pipes	
			A	B	C	F	G	D	E	
5-32	24"	1:2	34"	16"	33"	4'-2½"	4'-0"	6'-11"	12'-10½"	
5-36	36"	1:2	4'-0"	22"	3'-10"	5'-10½"	5'-2"	9'-0"	17'-6½"	

TABLE OF QUANTITIES

Structure No.	Nominal Inside Dia. of Pipe	Concrete End Sec. cu. yds.	For 2 Pipes										Total Quantity End Secs. lbs.	
			Reinforcement Bars in One End Section											
			No. 4 h Bars		No. 4 b ₂ Bars		No. 4 b ₁ Bars		No. 4 v Bars		No. 4 v Bars			
Bar	Length	Oty.	Length	Oty.	Length	Oty.	Length	Oty.	Length	Oty.				
5-32	24"	1.5	h ₅	15'-3"	2	12'-6"	1	10'-6"	1	8'-0"	4	31	21	90
5-36	36"	2.5	h ₉	20'-6"	2	17'-0"	1	14'-6"	1	9'-9"	4	3'-6"	26	115



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class B4	Sq. Yd.	48
Filter Fabric	Sq. Yd.	48
Reinforcement Bars, Epoxy Coated	Pound	205
Concrete Structures	Cu. Yd.	4.0
Granular Culvert Backfill	Cu. Yd.	2.0

NOTES:

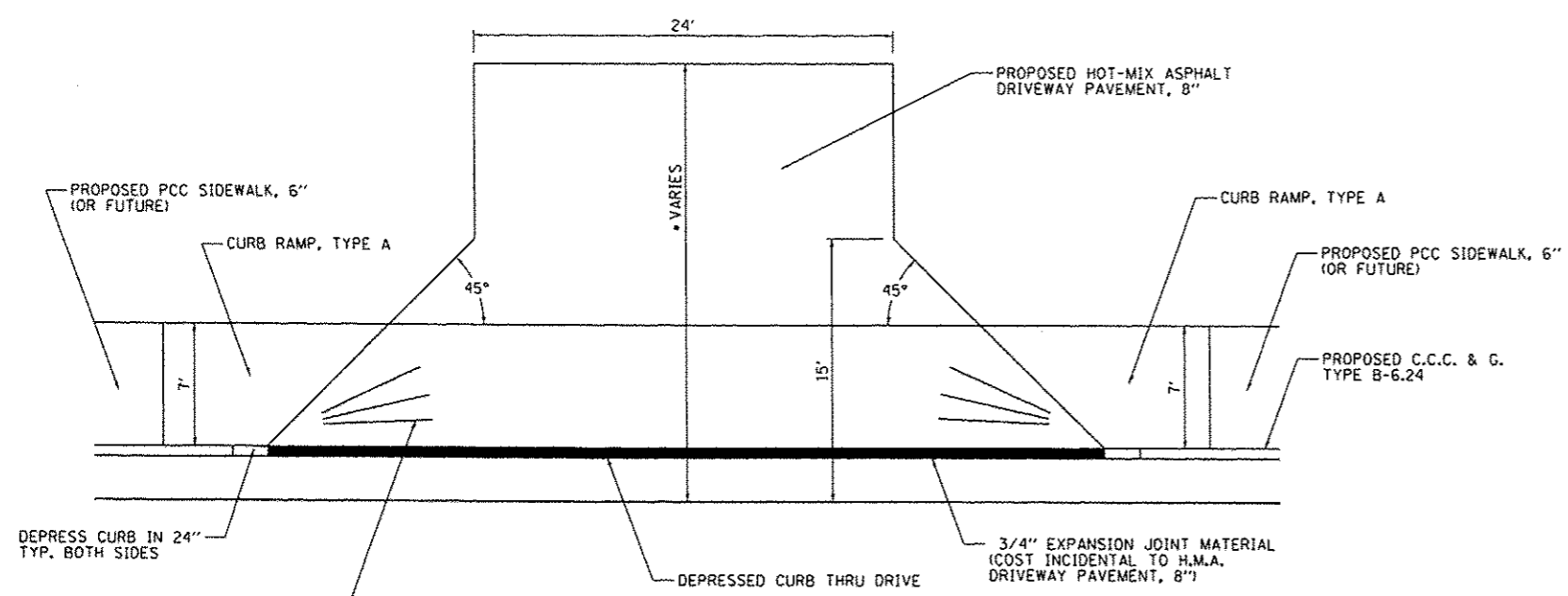
1. Reinforcement bars shall conform to the requirements of ASTM A615, Grade 60.
2. All construction joints shall be bonded.
3. Structure Excavation Included in the Cost for Earth Excavation.

REVISIONS	
NAME	DATE

S.N. 010-8088
24" AND 36" RCP DUAL
PIPE CULVERT HEADWALLS
STA. 101+51.76

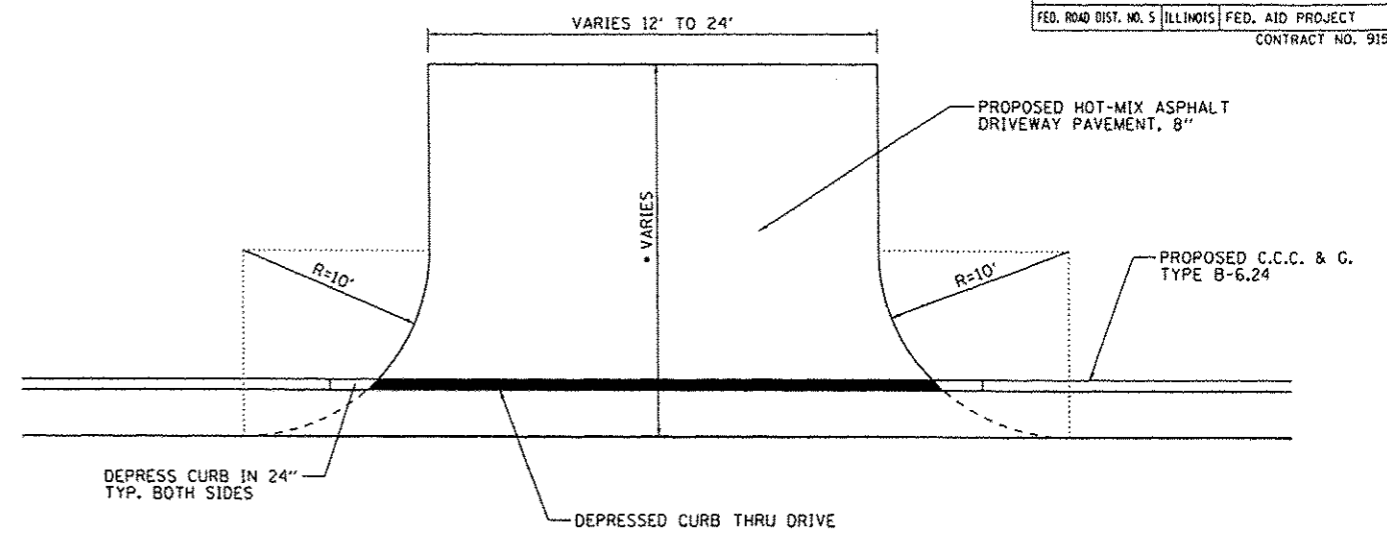
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B08	09-00481-00-WR	CHAMPAIGN	193	126
STA.	TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO. 5	ILLINOIS	CONTRACT NO. 91506		



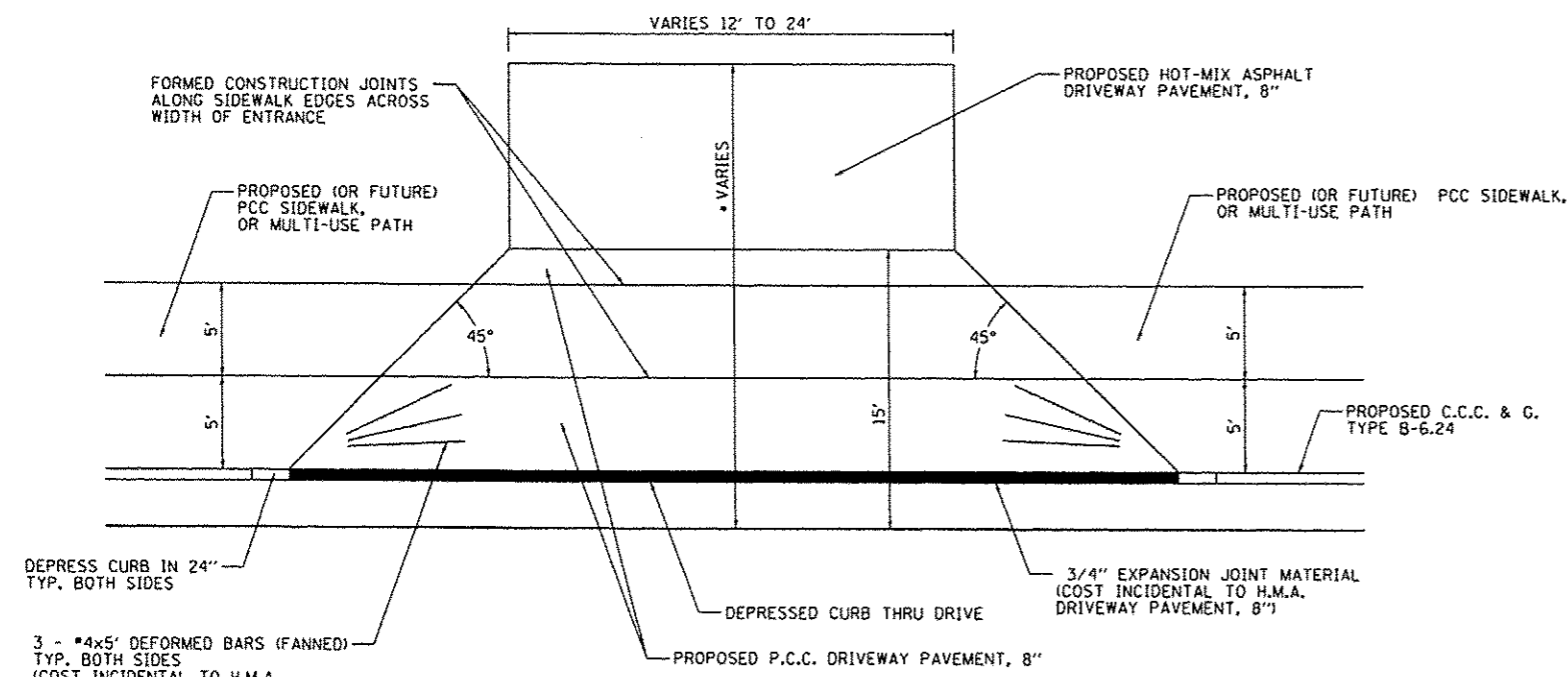
**IL. ROUTE 130
TYPICAL ENTRANCE DETAIL
(SIDEWALK BEHIND CURB)**

*NOTE: ENTRANCE LENGTHS ARE TAKEN TO EXISTING R.O.W. LINE. SEE PLAN & PROFILE SHEETS.



**U.S. ROUTE 150
TYPICAL ENTRANCE DETAIL**

*NOTE: ENTRANCE LENGTHS ARE TAKEN TO EXISTING R.O.W. LINE. SEE PLAN & PROFILE SHEETS.



**IL. ROUTE 130
TYPICAL ENTRANCE DETAIL
(SIDEWALK OFF CURB)**

*NOTE: ENTRANCE LENGTHS ARE TAKEN TO EXISTING R.O.W. LINE. SEE PLAN & PROFILE SHEETS.

NOTES:

1. PROPOSED P.C.C. SIDEWALK ACROSS DRIVEWAY PAVEMENT SHALL BE 6".
2. SLOPE OF SIDEWALK ACROSS DRIVEWAYS SHALL BE AS SHOWN IN THE CROSS SECTIONS. (2% MAXIMUM)
3. IF SIDEWALK JOINTING IS CARRIED THROUGH ENTRANCE, PROVIDE EXPANSION JOINT MATERIAL BETWEEN THE P.C.C. SIDEWALK AND P.C.C. DRIVEWAY PAVEMENT IN ACCORDANCE WITH ARTICLE 424.07 OF THE STANDARD SPECIFICATIONS IN LOCATIONS WHERE CONSTRUCTION JOINT AT BACK OF SIDEWALK IS SPECIFIED.
4. PROPOSED FIELD ENTRANCES AT STA. 120+36.67 AND STA. 61+26.18 HAVE NO PROPOSED SIDEWALK, PROPOSED ENTRANCE MATERIAL SHALL BE HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8".

REVISIONS	
NAME	DATE

ENTRANCE DETAILS

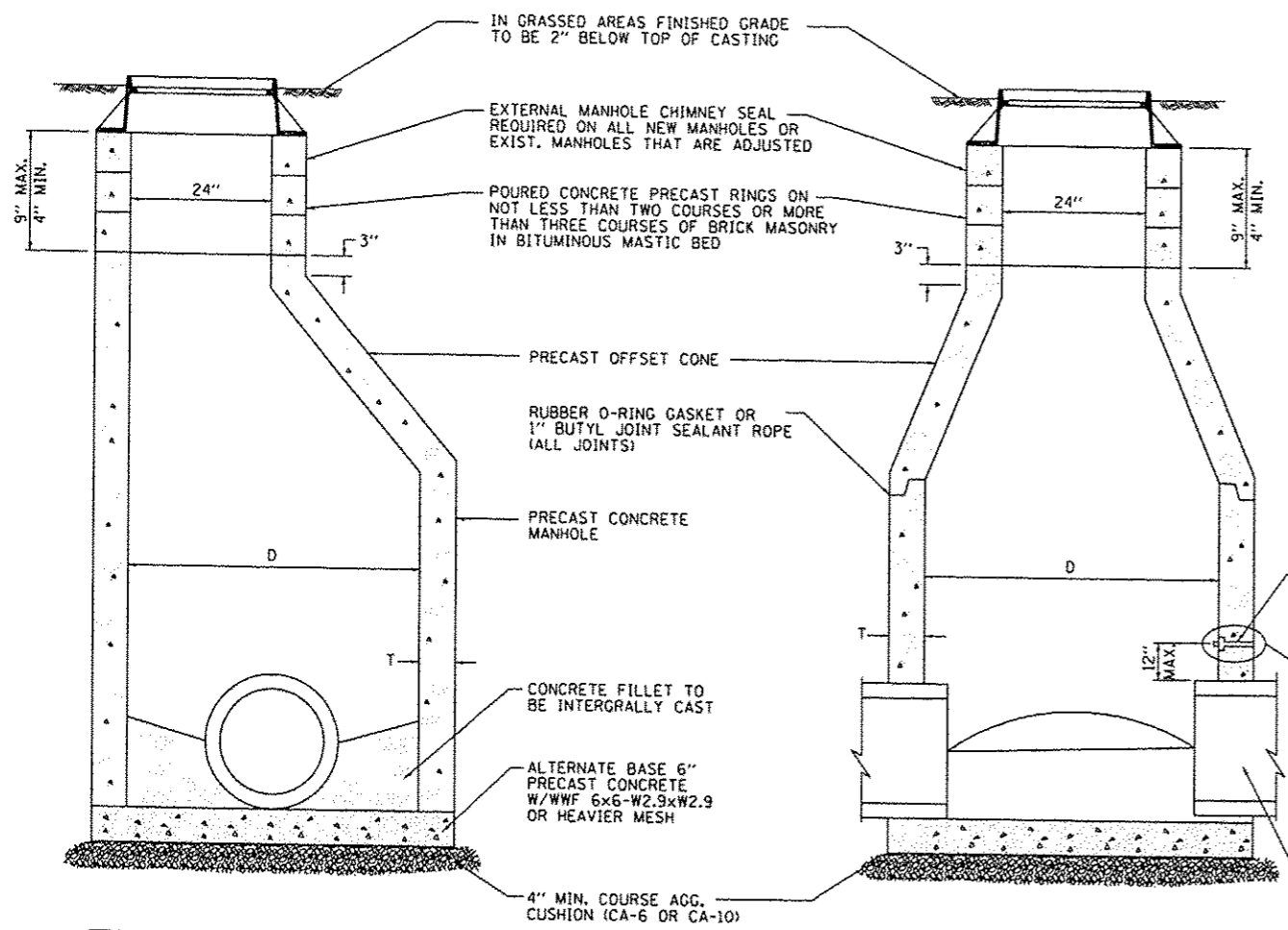
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CHECKED BY: KLT

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 12/9/2013

F.A.P. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB	09-00481-00-WR	CHAMPAIGN	193	127
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91506				

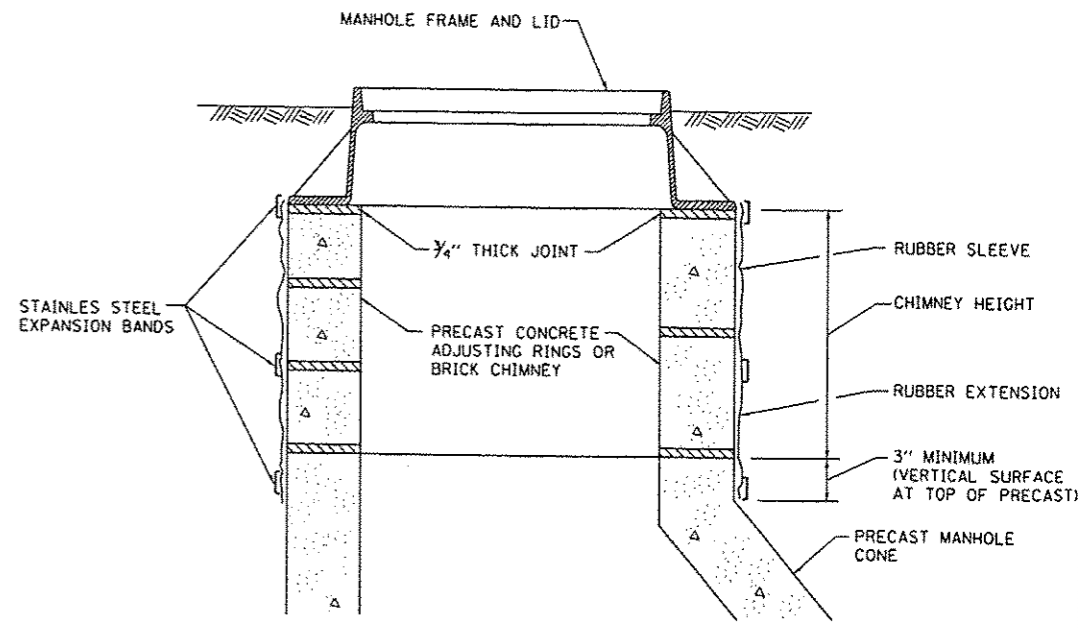
NOTES:

1. CASTING NEENAH R-1713 WITH TYPE B SELF-SEALING LID OR EQUAL AND "UCSD SANITARY" CAST IN LID, WHERE BOLT DOWN LIDS REQUIRED, CASTING SHALL BE R1916D.
2. NO ADJUSTING RINGS OR BRICK MASONRY IS REQUIRED FOR MANHOLES THAT ARE TO BE BURIED IN AGRICULTURAL AREAS.
3. CONCRETE MANHOLE BASE AND FILLET SHALL BE CAST INTEGRALLY WITH BOTTOM MANHOLE SECTION FOR NEW CONSTRUCTION FOR NEW MANHOLE ON EXISTING SEWERS. A PRECAST REINFORCED MANHOLE BASE 6" MIN. THICKNESS MAY BE USED.
4. INSIDE AND OUTSIDE OF ALL JOINTS AND PIPE OPENINGS TO BE FILLED WITH MORTAR AND BRUSHED SMOOTH.
5. OUTSIDE OF ALL JOINTS TO BE SEALED WITH BITUMINOUS MATERIAL.
6. SERVICE SEWER SHALL BE ANGLED IN DIRECTION OF FLOW, WITH INVERT OF SERVICE SEWER SET BETWEEN TOP AND CENTERLINE OF MAIN SEWER AND CHANNLED DOWN TO CENTERLINE OF MAIN SEWER.
7. INSTALL 2x4 WOOD LEADER NEXT TO MANHOLE PAINTED RED AND EXTENDING 3 FEET ABOVE GROUND SURFACE.
8. MANHOLES TO BE ABANDONED SHALL BE FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL (CLSM). CLSM SHALL MEET THE REQUIREMENTS OF SECTION 1019 OF THE IDOT STANDARD SPECIFICATIONS. PRIOR TO PLACING CLSM, ALL PIPE OPENINGS IN THE MANHOLE SHALL BE SEALED. PRIOR TO ABANDONING THE MANHOLE, THE EXISTING PAVEMENT SHALL BE CUT SQUARE AROUND THE MANHOLE LID AND THE TOP FOUR FEET INCLUDING THE PRECAST CONE, ADJUSTING RINGS, FRAME, AND LID SHALL BE REMOVED AND DISPOSED. THE AREA SHALL BE FILLED WITH CLSM TO THE BOTTOM OF THE PAVEMENT. CLSM SHALL BE ALLOWED TO CURE AT LEAST SIX HOURS BEFORE PAVEMENT PATCHING. ALL PATCHING OPERATIONS SHALL COMPLY WITH IDOT STANDARD SPECIFICATIONS.



DIAMETER OF MAIN SEWER	D	T
16" AND UNDER	4'-0"	6"
21" TO 42" INCLUSIVE	5'-0"	6"

USCD INTERCEPTER SEWER MANHOLE DETAIL

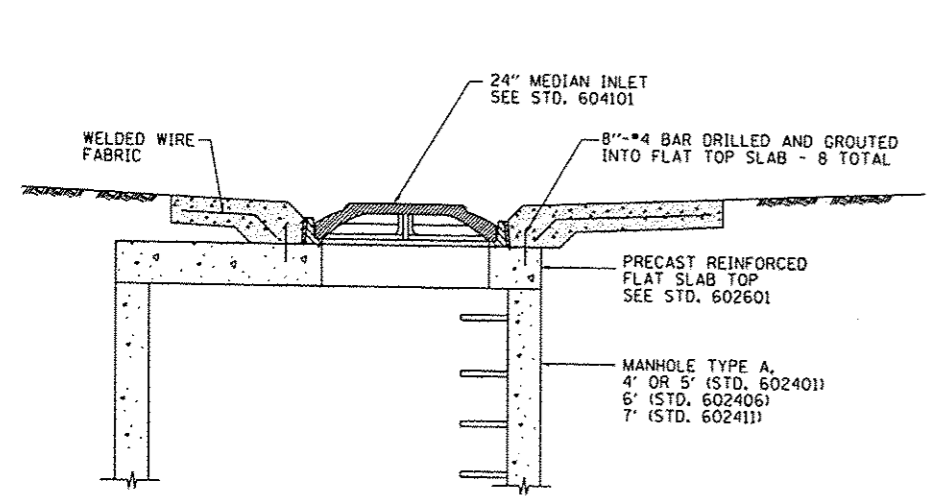
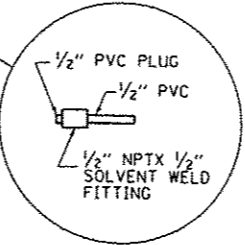


EXTERNAL MANHOLE CHIMNEY SEAL

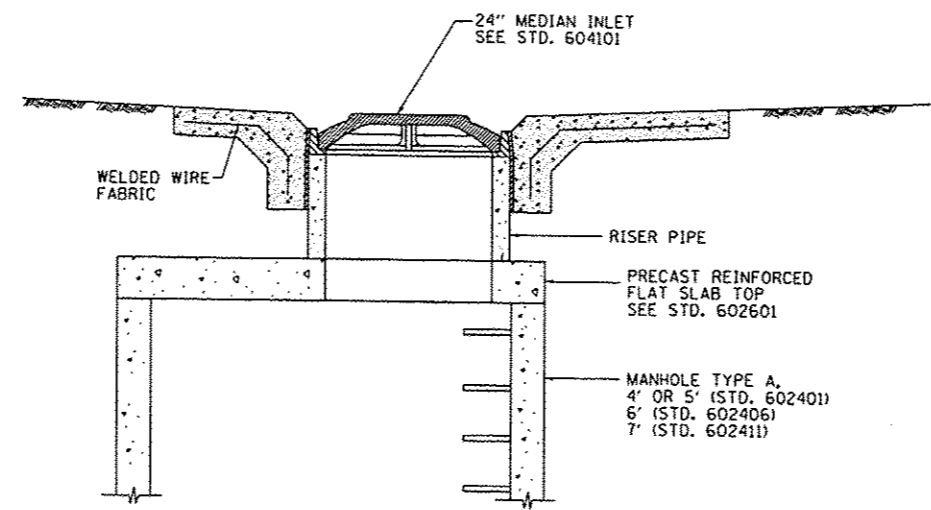
CHIMNEY SEAL MANUFACTURED BY CRETEX OR APPROVED EQUAL

NOTE: SEE MANHOLE DETAIL FOR CHIMNEY CONSTRUCTION DETAIL

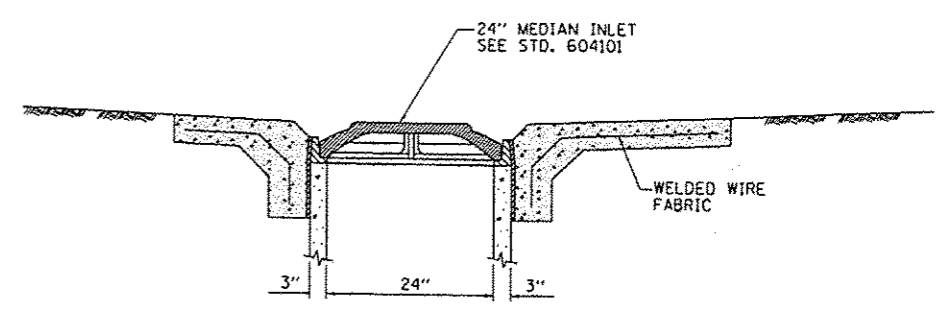
ALL OPENINGS FOR INLET AND OUTLET PIPES SHALL BE PRECAST WITH THE BOTTOM MANHOLE SECTION. SAID OPENING SHALL CONTAIN FLEXIBLE GASKETS WHICH ARE COMPATIBLE WITH THE SIZE AND TYPE OF SEWER PIPE USED.



DETAIL OF STANDARD 24" MEDIAN INLET ON FLAT SLAB TOP



DETAIL OF STANDARD 24" MEDIAN INLET ON RISER PIPE



DETAIL OF STANDARD 24" MEDIAN INLET (604101) ON INLET TYPE A

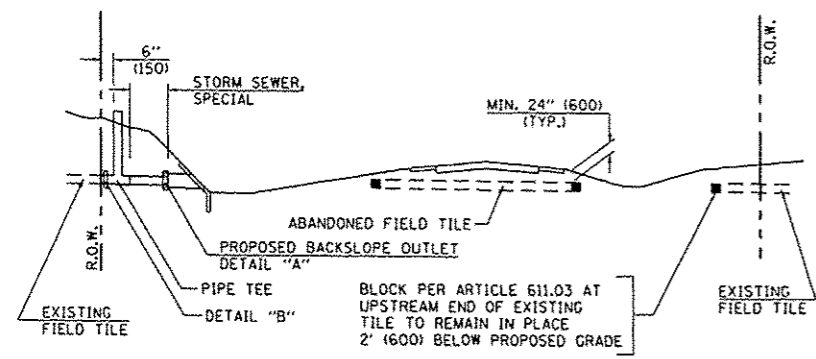
REVISIONS	
NAME	DATE

MANHOLE AND INLET DETAILS

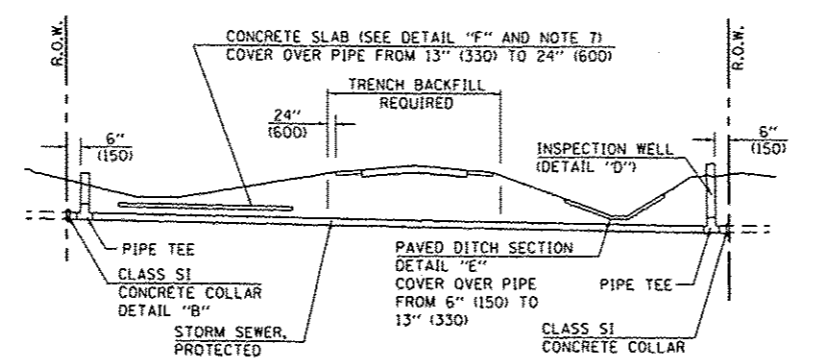
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DATE: 12/09/13

DRAWN BY: GLO
CHECKED BY: KLT

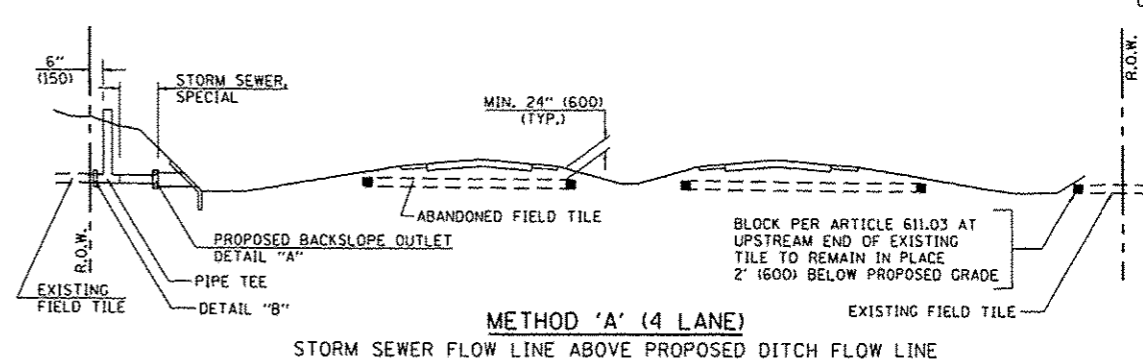
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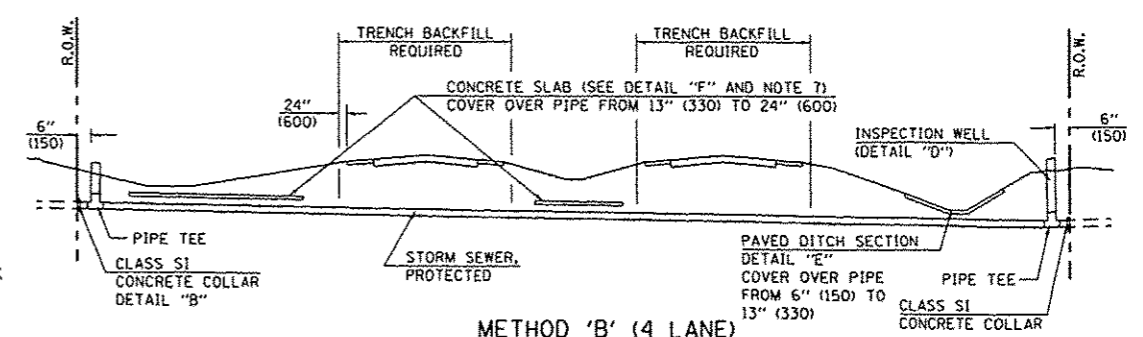
METHOD 'A' (2 LANE)
STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



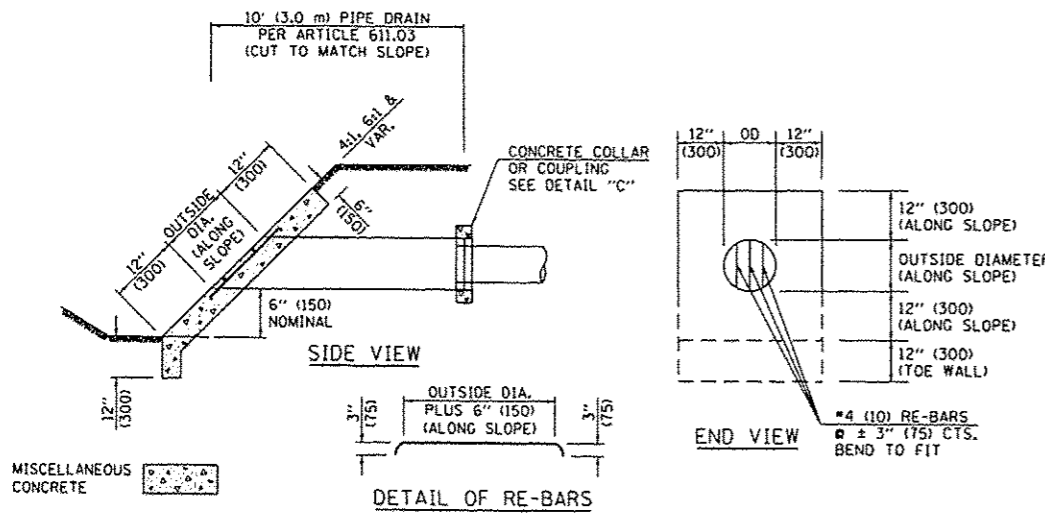
METHOD 'B' (2 LANE)
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



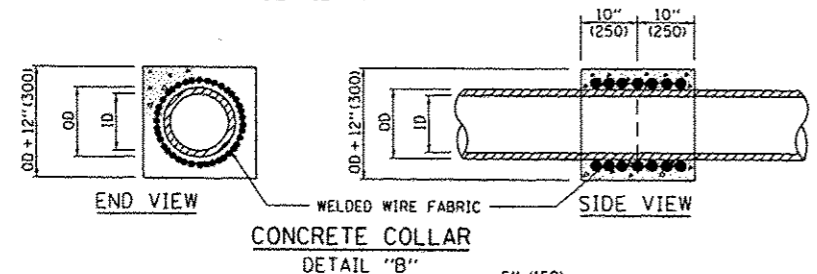
METHOD 'A' (4 LANE)
STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



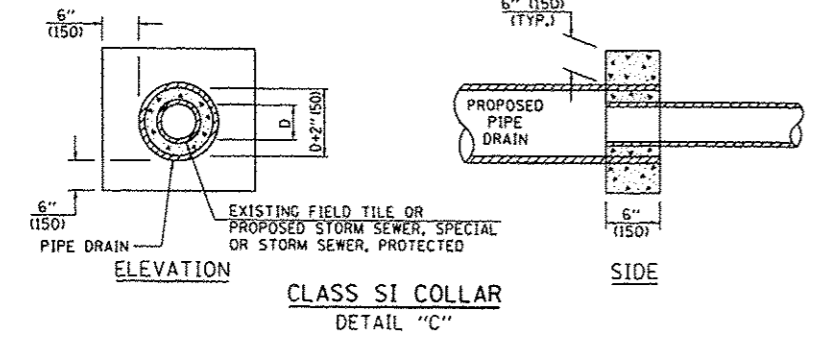
METHOD 'B' (4 LANE)
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



HEADWALL FOR BACKSLOPE OUTLET
DETAIL "A"



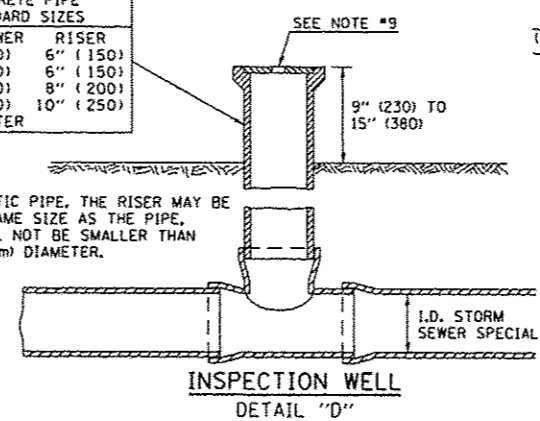
CONCRETE COLLAR
DETAIL "B"



CLASS SI COLLAR
DETAIL "C"

CONCRETE PIPE STANDARD SIZES	
STORM SEWER RISER	
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	10" (250)
OR GREATER	

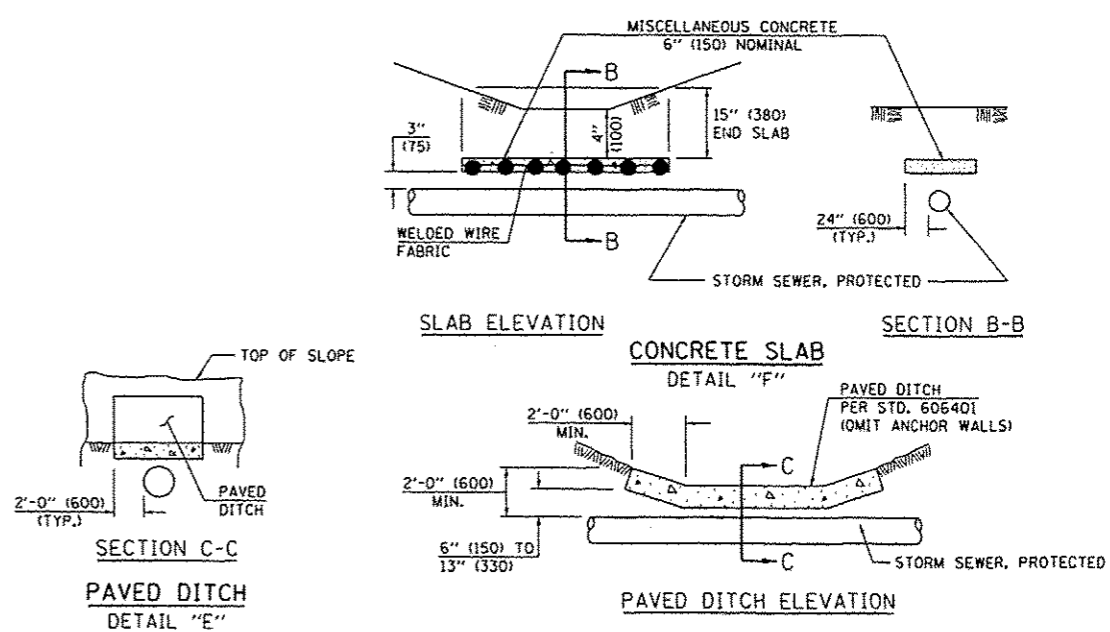
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



INSPECTION WELL
DETAIL "D"

GENERAL NOTES

- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



SLAB ELEVATION **SECTION B-B**

CONCRETE SLAB
DETAIL "F"

PAVED DITCH ELEVATION

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

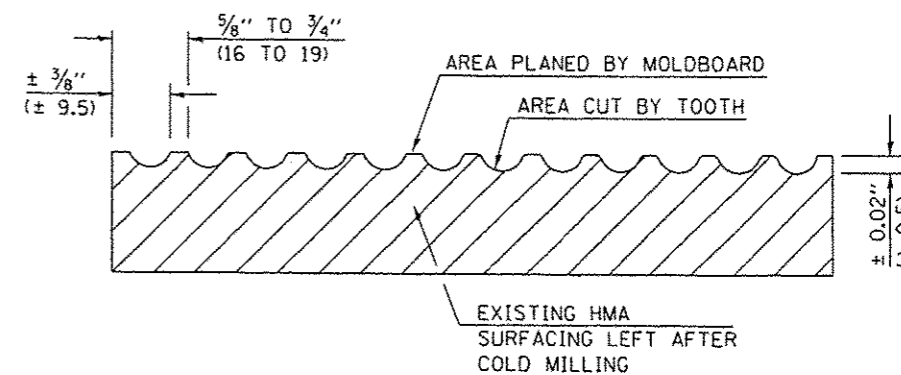
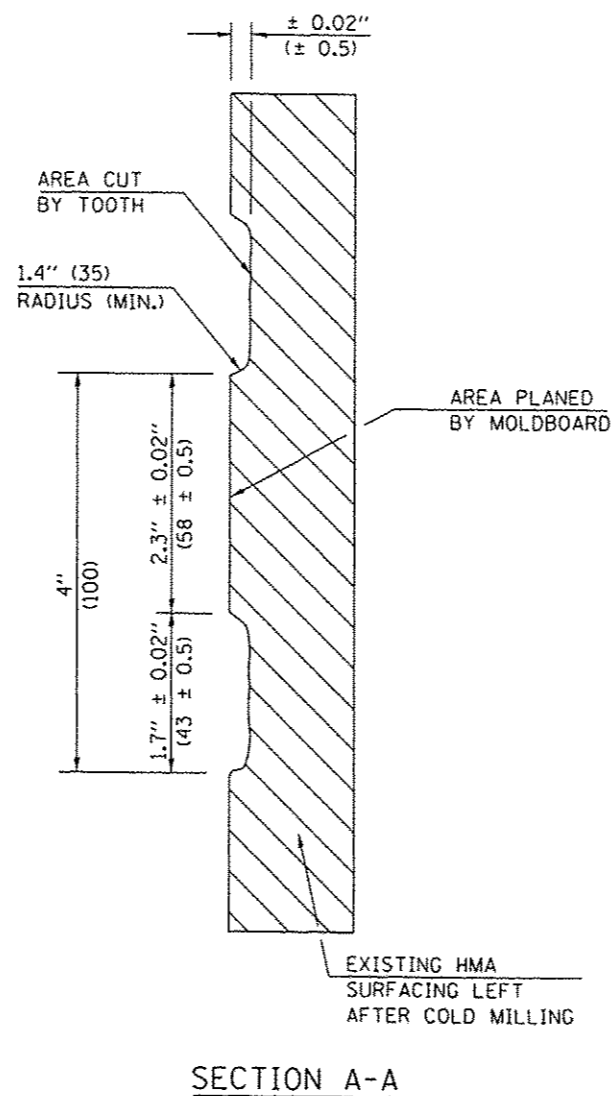
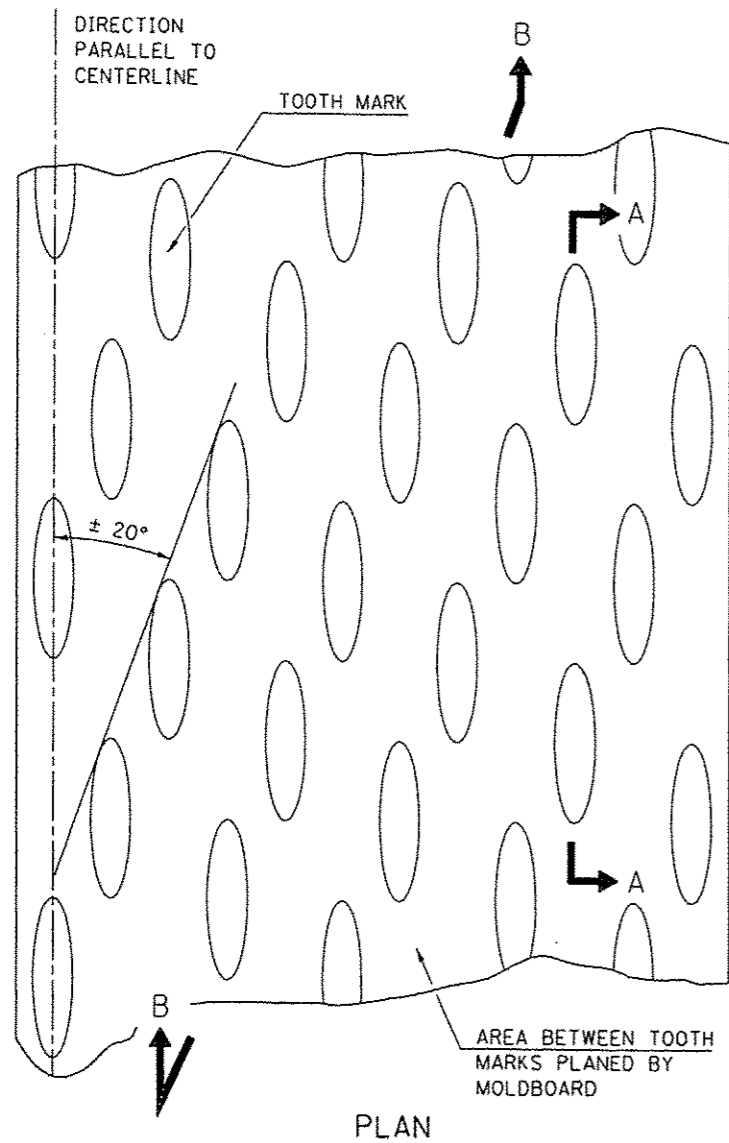
DISTRICT 5 DETAIL NO. 61101011A

REVISIONS	
NAME	DATE

FIELD TILE SYSTEMS
(TREATMENT OF EXISTING)

SCALE: N/A DRAWN BY: IDOT
DATE: 12/09/13 CHECKED BY: IDOT

REQUIRED SURFACE TEXTURE



NOTES

1. SURFACE CORRECTION SHALL CONSIST OF TWO PROCESSES: CUTTING WITH CARBIDE TEETH MOUNTED ON A ROTATING DRUM, AND PLANING WITH A MOLDBOARD MOUNTED IMMEDIATELY BEHIND THE CUTTING DRUM.
2. OTHER SIMILAR PATTERNS WILL BE ACCEPTABLE IF THEY CONSIST OF A SMOOTH, FLAT, PLANED SURFACE INTERSPERSED WITH A PATTERN OF DISCONTINUOUS LONGITUDINAL STRIATIONS.
3. FOR BASIS OF PAYMENT SEE RECURRING SPECIAL PROVISION "HOT-MIX ASPHALT SURFACE CORRECTION", CHECK SHEET #13.

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

DISTRICT 5 DETAIL NO. 4400080

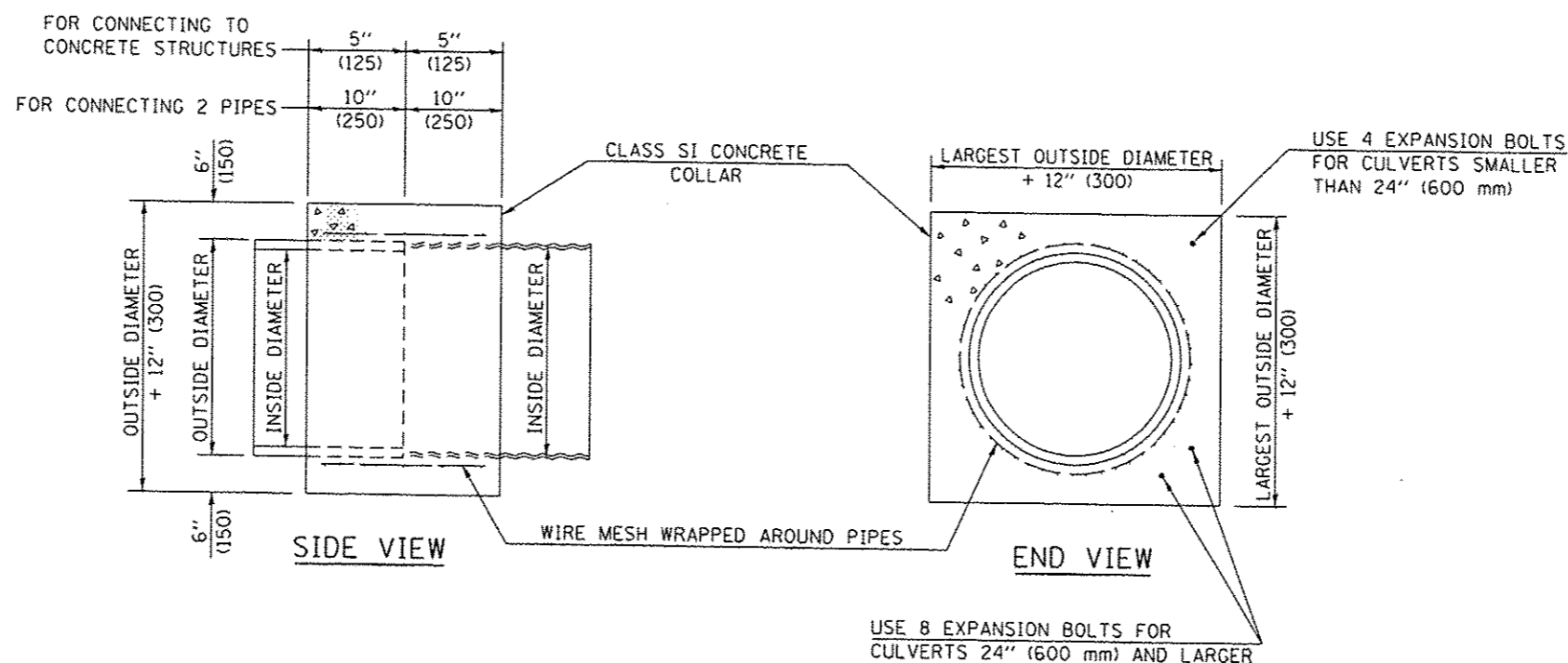
REVISIONS	
NAME	DATE

HOT-MIX ASPHALT CORRECTION

SCALE: N/A
DATE: 12/09/13

DRAWN BY: IDOT
CHECKED BY: IDOT

C0105-HotMix Asphalt
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12/9/2013



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

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

NAME	DATE

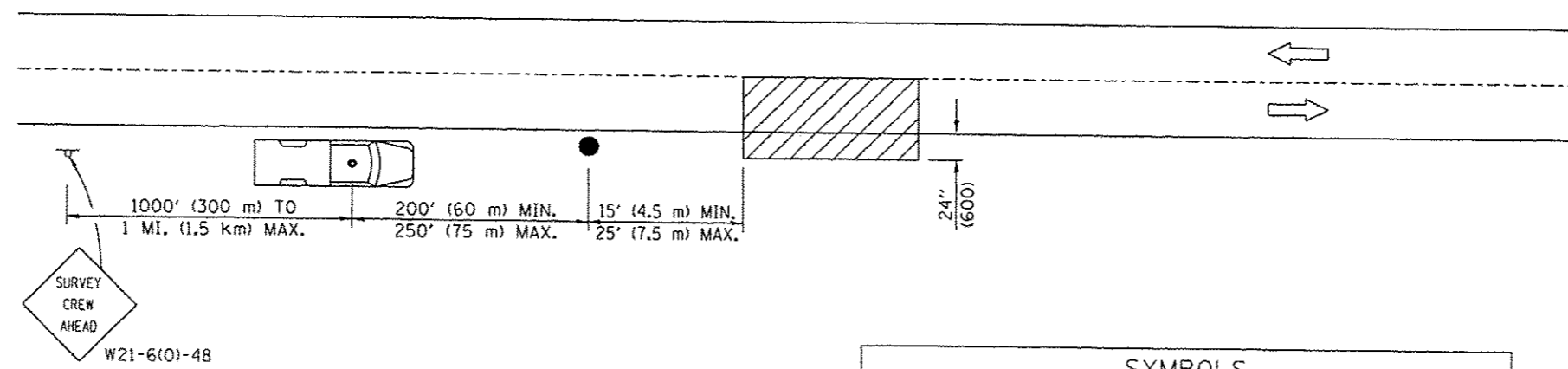
DISTRICT 5 DETAIL NO. 54248510

CONCRETE COLLAR

SCALE: N/A
DATE: 12/09/13

DRAWN BY: 100T
CHECKED BY: 100T

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	132
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



TYPICAL APPLICATIONS
UTILITY OPERATIONS

SYMBOLS	
	WORK AREA
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	TRUCK WITH FLASHING AMBER LIGHT AND DUAL EMERGENCY FLASHERS
	FLAGGER WITH TRAFFIC CONTROL SIGN

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

DISTRICT 5 DETAIL NO. 70100000

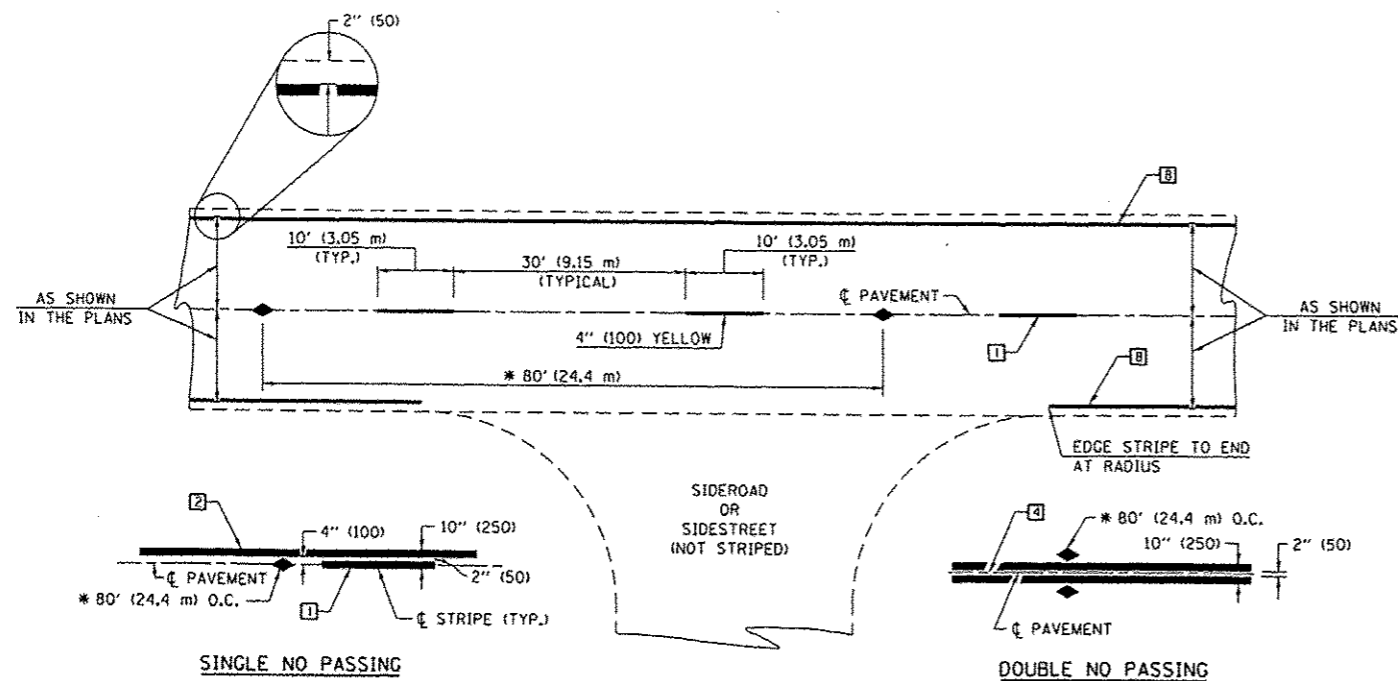
REVISIONS	
NAME	DATE

TRAFFIC CONTROL
NIGHT TIME INSPECTION OF
ROADWAY LIGHTING

SCALE: N/A
DATE: 12/09/13

DRAWN BY: IDOT
CHECKED BY: IDOT

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TWO LANE/TWO WAY

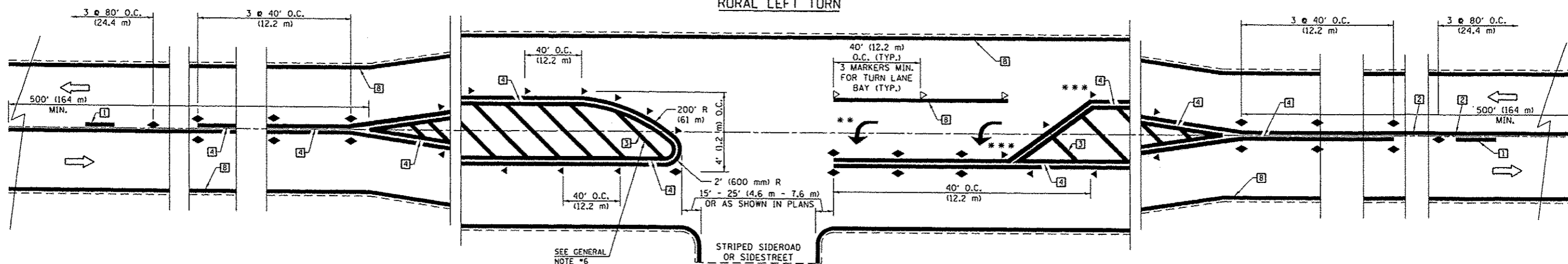
TYPICAL PAVEMENT MARKING LEGEND

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

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET *2.

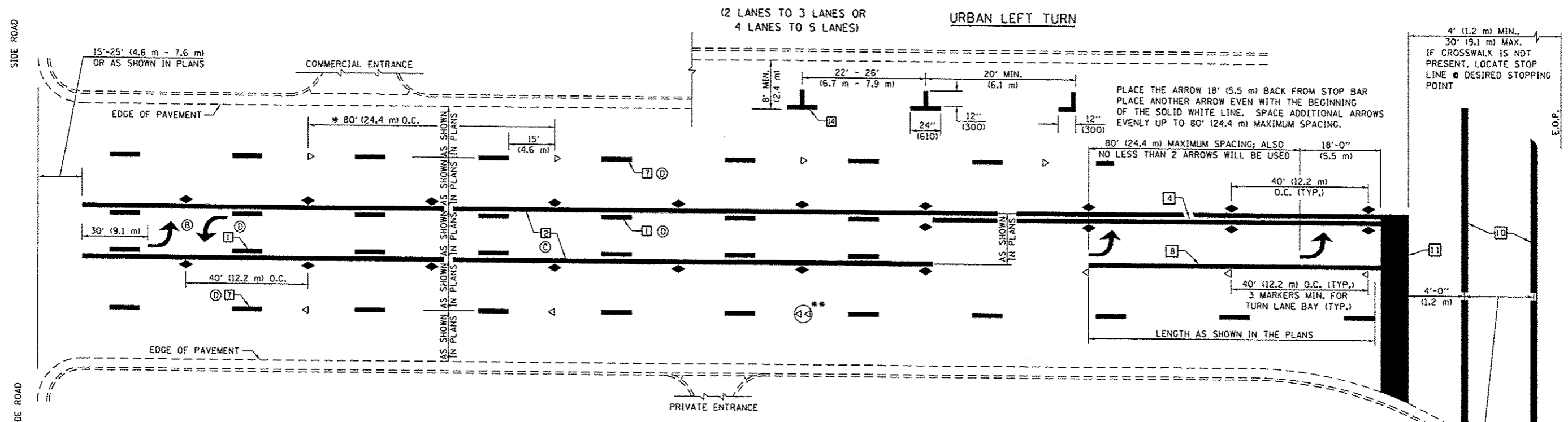
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

REVISIONS	
NAME	DATE

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)
(SHEET 1 OF 4)**

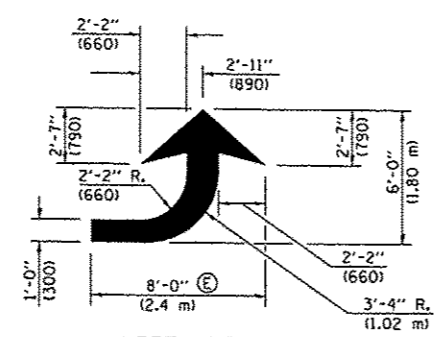
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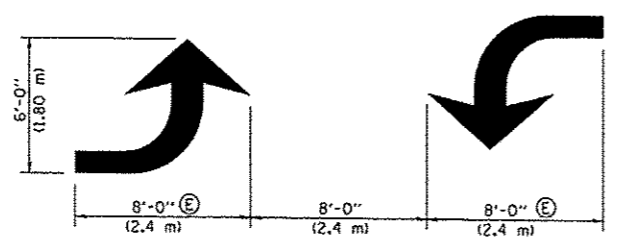
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** 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)

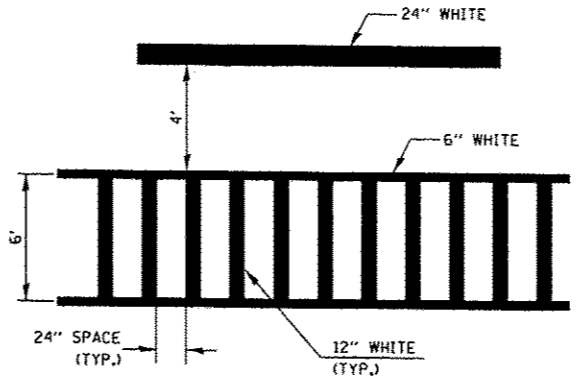


LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²) (WHITE)

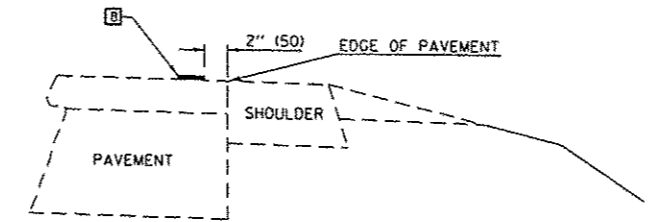


TYPICAL DOUBLE TURN ARROWS (WHITE)

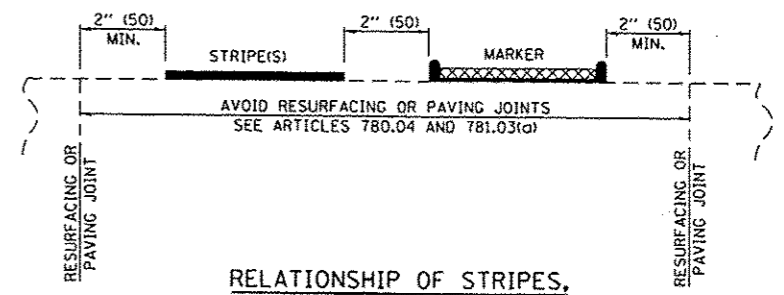
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
 (SAFETY SHOULDER OR PAVED SURFACE)
 SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

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

REVISIONS	
NAME	DATE

DISTRICT 5 DETAIL NO. 7800AAAA

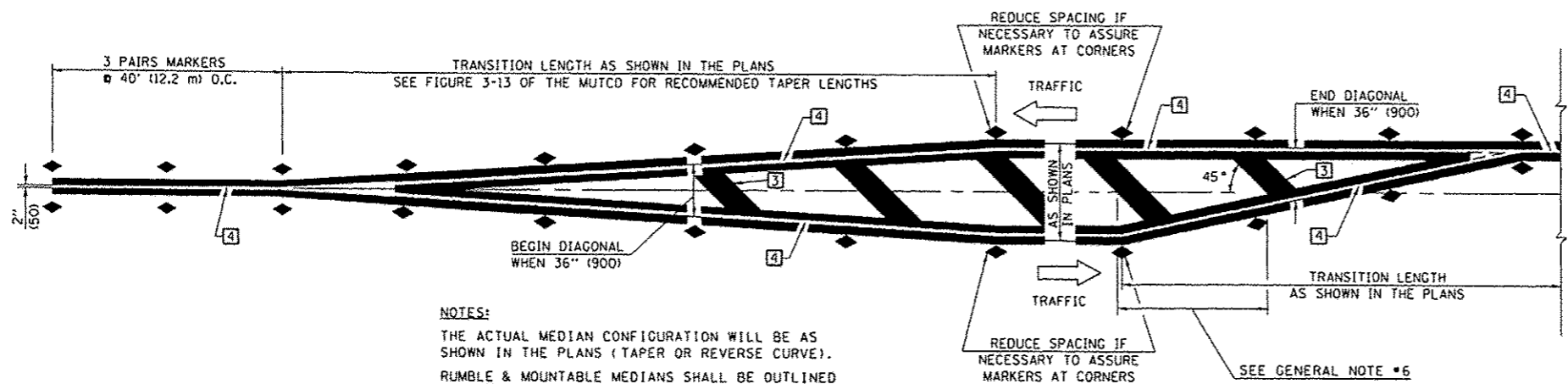
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
 (SHEET 2 OF 4)

SCALE: N/A
 DATE: 12/09/13

DRAWN BY: IDOT
 CHECKED BY: IDOT

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F.A.P. STE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	136
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91506				

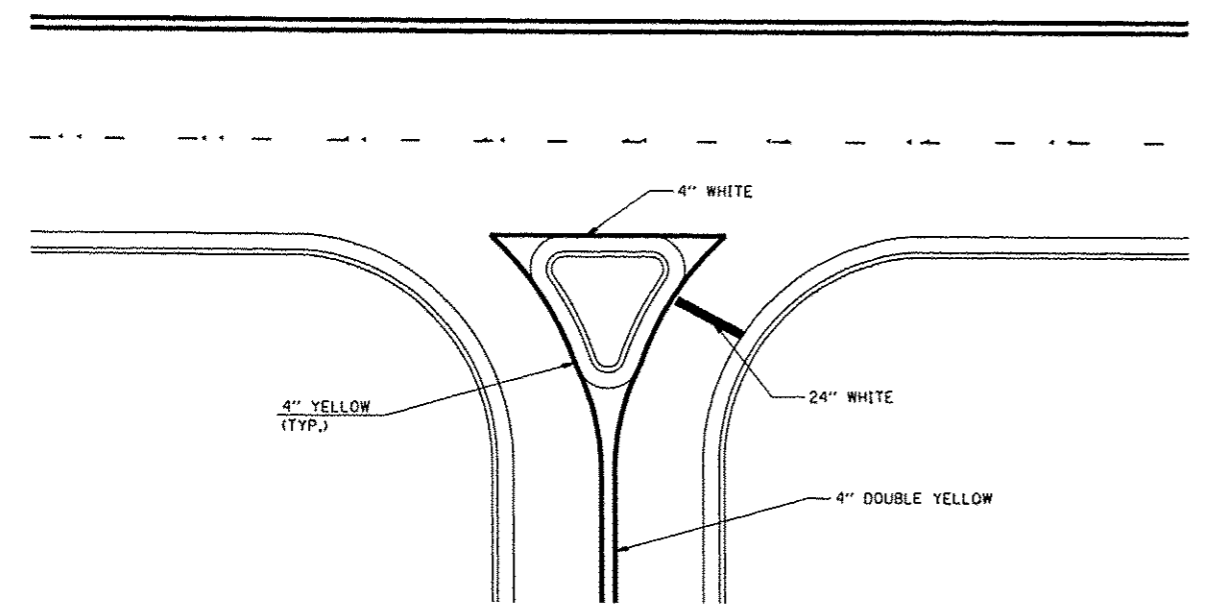


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

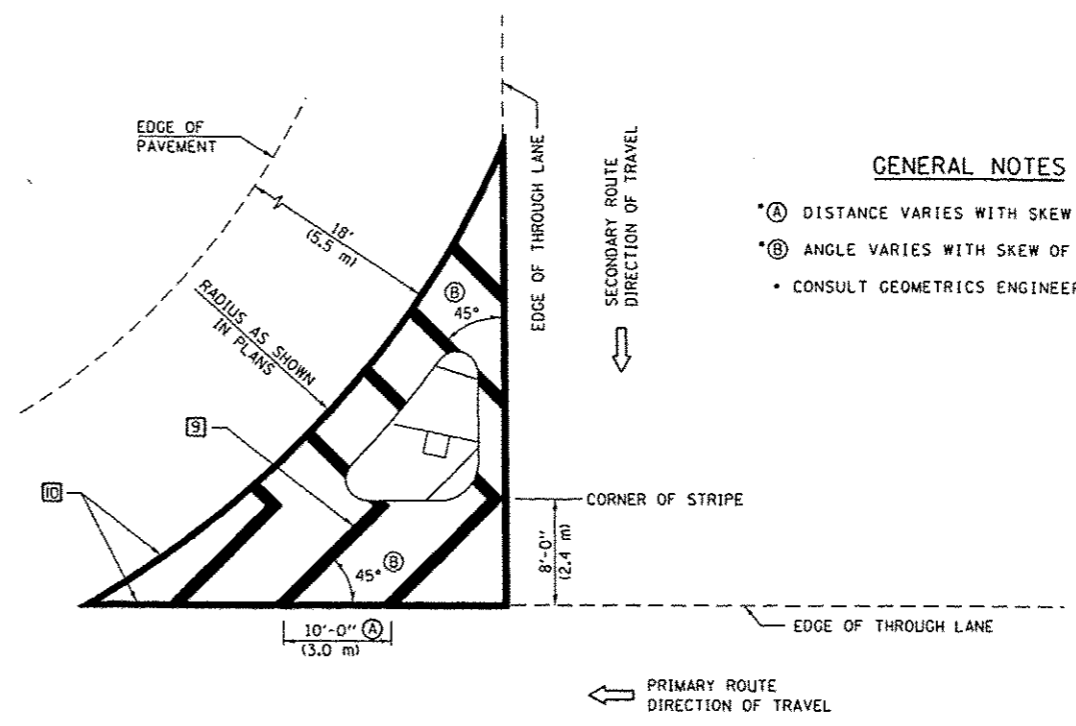
TYPICAL MEDIAN TRANSITIONS

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.

DISTRICT 5 DETAIL NO. 7800AAAA

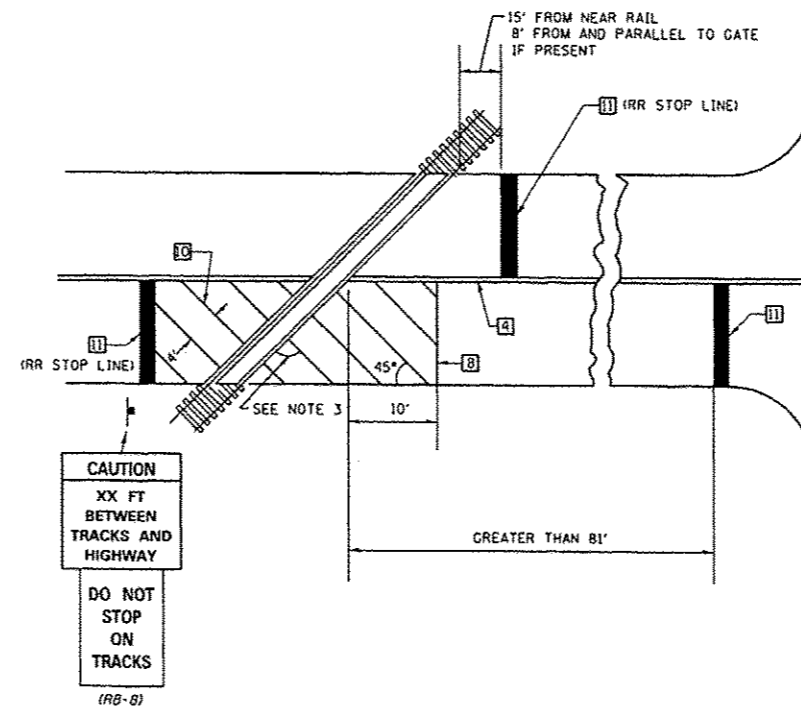
REVISIONS	
NAME	DATE

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
 (SHEET 3 OF 4)

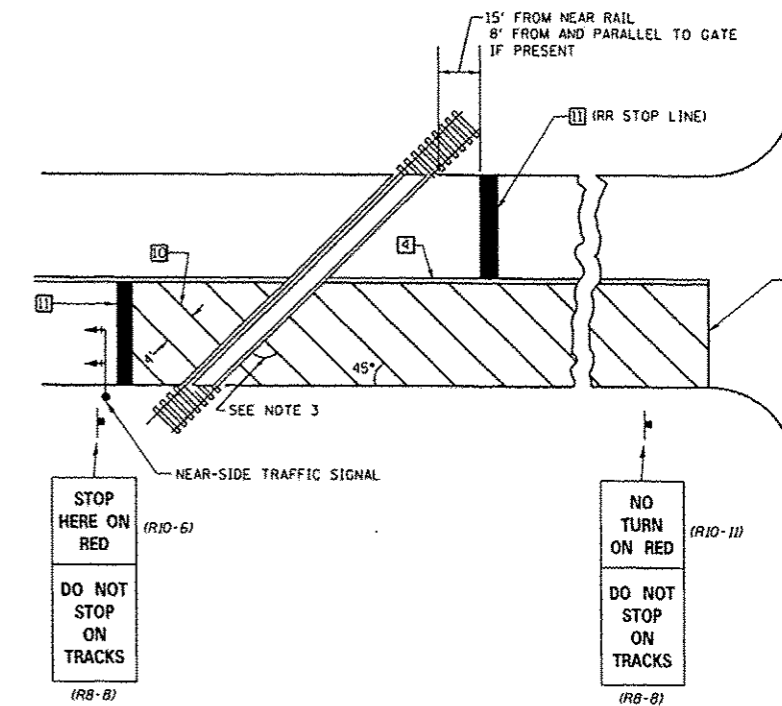
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 DATE: 12/09/13
 DRAWN BY: IDOT
 CHECKED BY: IDOT

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 12/9/2013

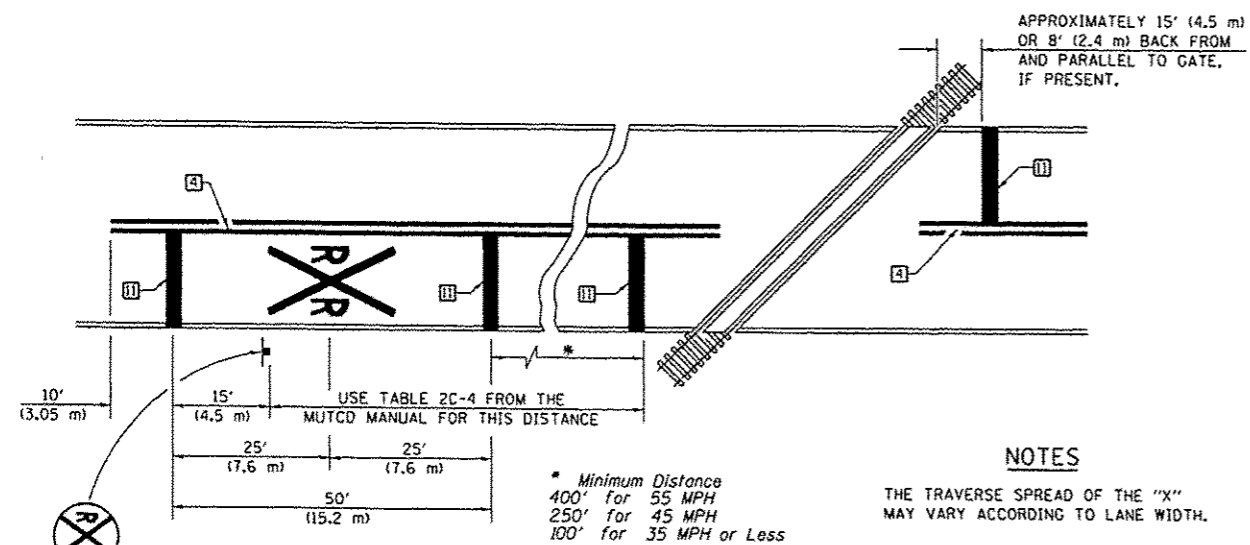
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



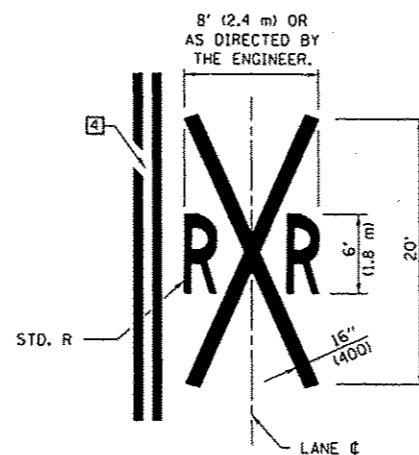
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

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

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

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE 11-1, CONDITION B OF THE MUTCD.



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.

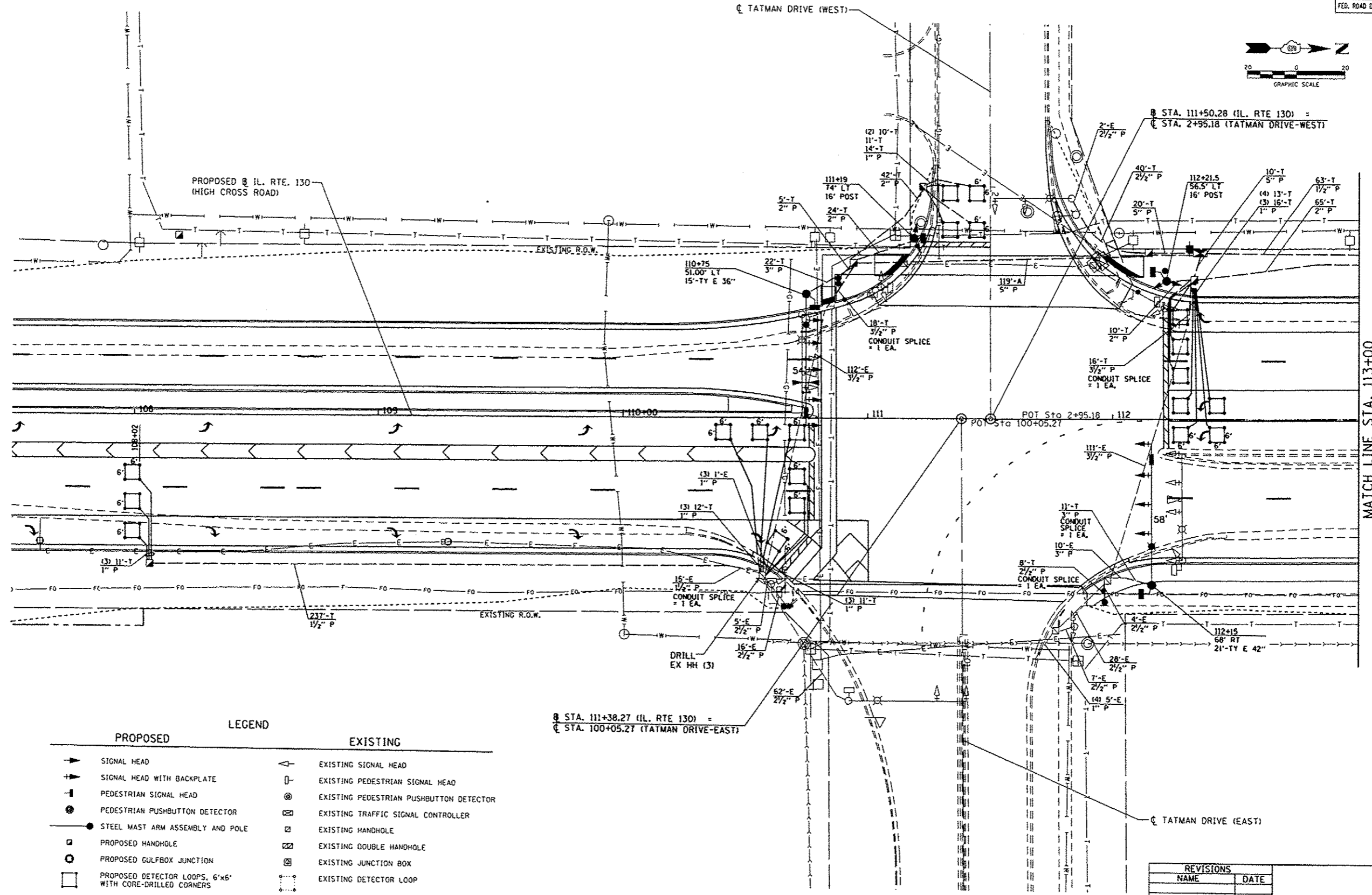
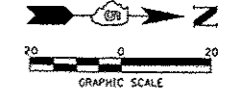
DISTRICT 5 DETAIL NO. 7800AAAA

REVISIONS	
NAME	DATE

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS) (SHEET 4 OF 4)

SCALE: N/A
DATE: 12/09/13
DRAWN BY: JDOT
CHECKED BY: JDOT

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12/9/13



LEGEND	
PROPOSED	EXISTING

REVISIONS	
NAME	DATE

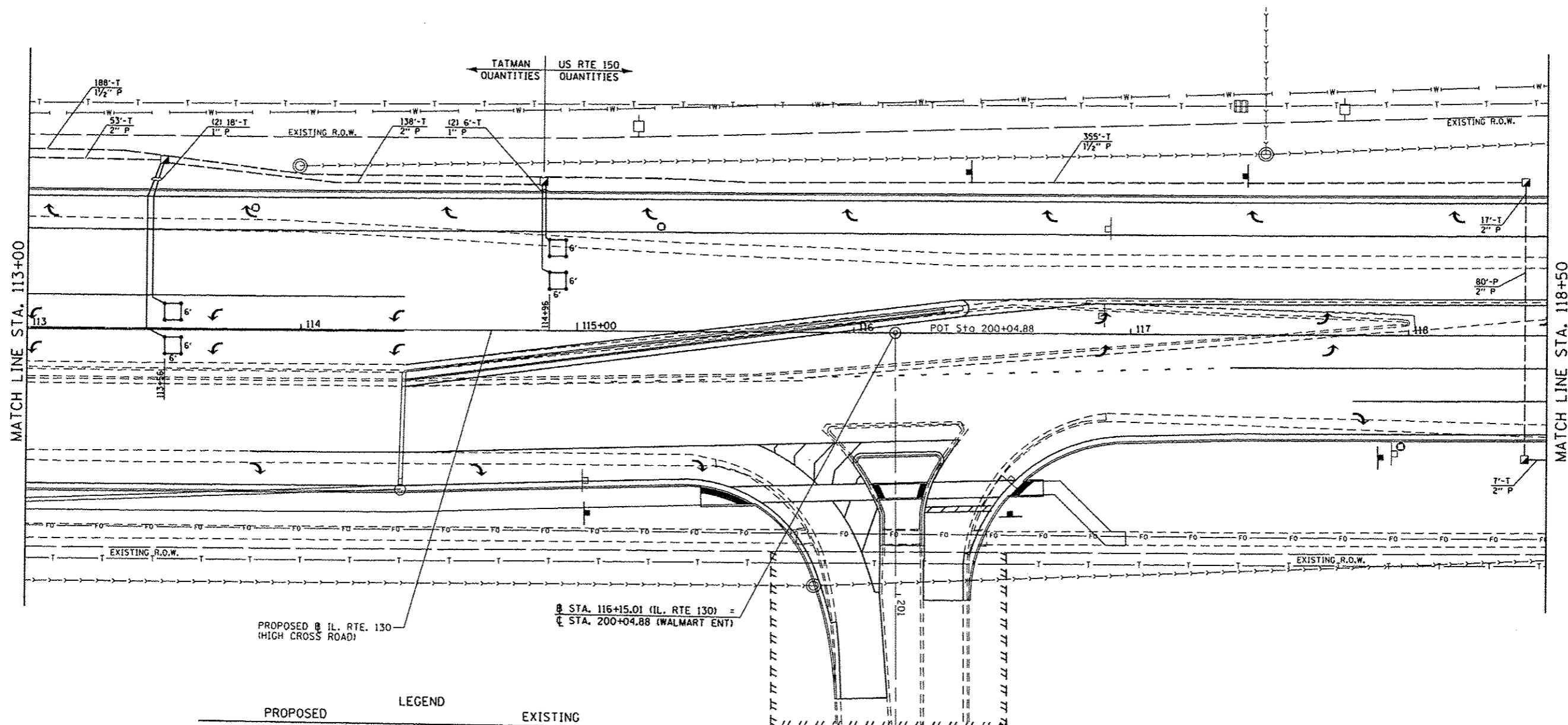
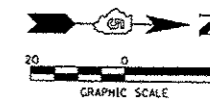
PROPOSED SIGNAL LAYOUT
IL RTE. 130 AND TATMAN DR.

SCALE: 1" = 20'
DATE: 12/09/13

DRAWN BY:
CHECKED BY:

Default
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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	141
STA.	TO STA.			
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 91506				



PROPOSED IL RTE 130 (HIGH CROSS ROAD)
 STA. 116+15.01 (IL RTE 130) =
 STA. 200+04.88 (WALMART ENT)

PROPOSED	LEGEND	EXISTING

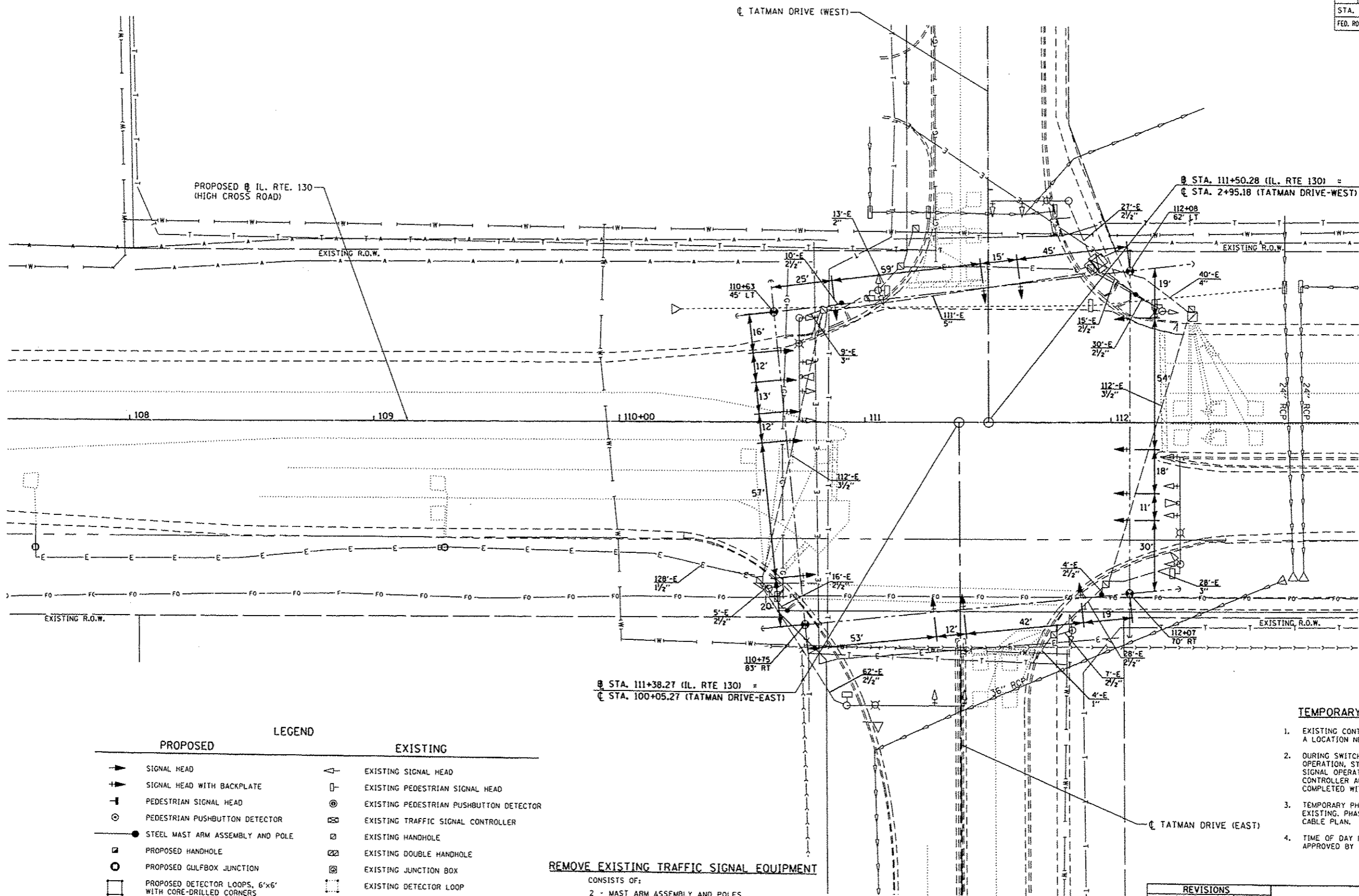
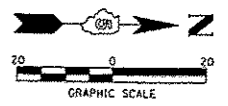
REVISIONS	
NAME	DATE

PROPOSED SIGNAL LAYOUT
 IL RTE. 130 AND TATMAN DR.

SCALE: 1" = 20'
 DATE: 12/09/13
 DRAWN BY:
 CHECKED BY:

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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	142
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO. 5		ILLINOIS		
CONTRACT NO. 91506				



PROPOSED	LEGEND	EXISTING

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 CONSISTS OF:
 2 - MAST ARM ASSEMBLY AND POLES
 2 - TRAFFIC SIGNAL POST
 10 - SIGNAL HEAD ASSEMBLIES
 1 - CONTROLLER AND CABINET
 2 - LUMINAIRE
 2 - PEDESTRIAN PUSH BUTTON
 ALL REMOVED EQUIPMENT TO BE DELIVERED TO:
 THE CITY OF URBANA STREET DEPT
 709 S. GLOVER ST
 URBANA, IL

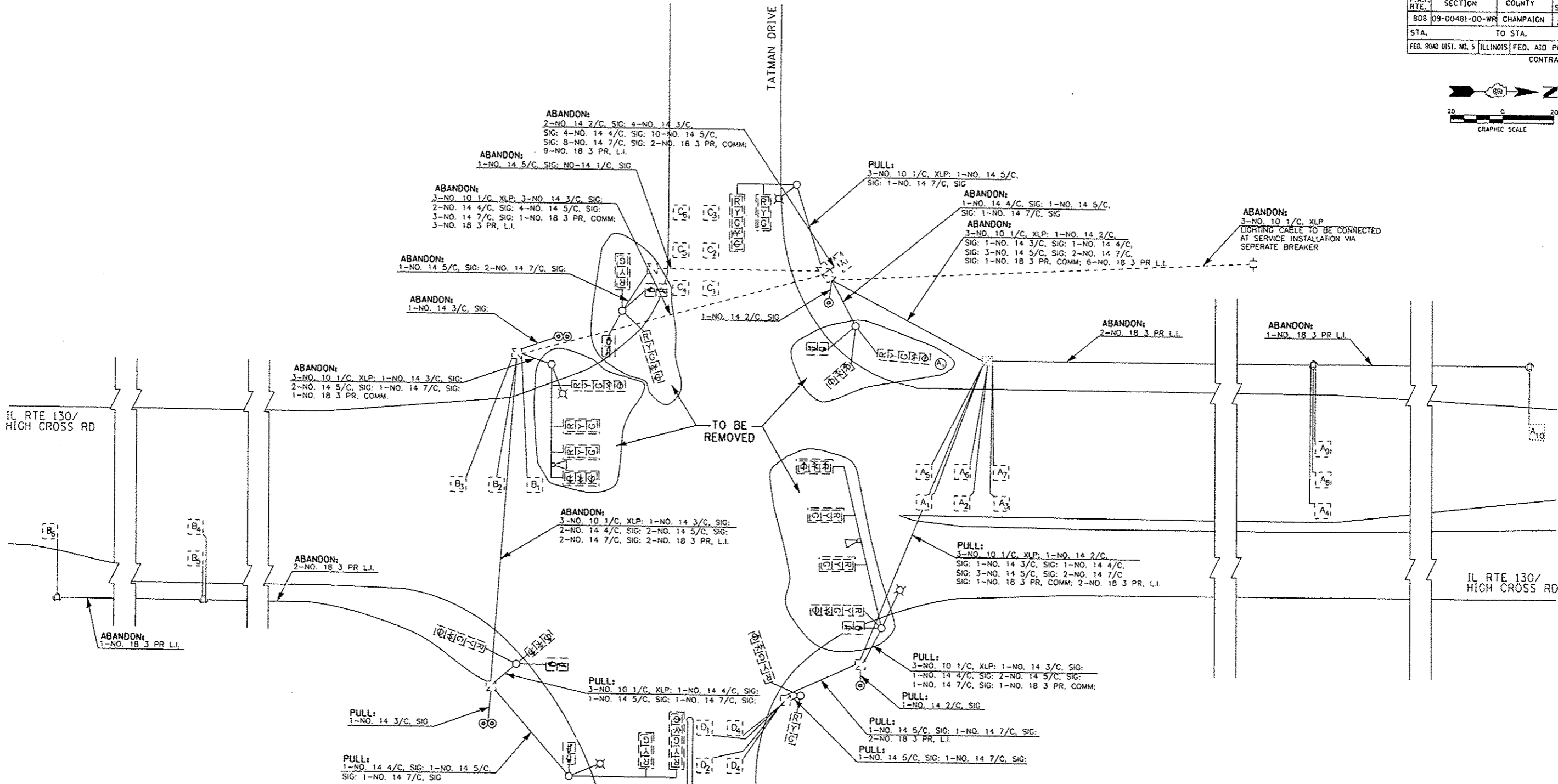
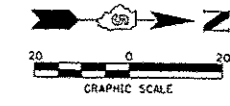
- TEMPORARY TRAFFIC SIGNAL NOTES**
- EXISTING CONTROLLER TO BE USED, RELOCATED TO A LOCATION NEAR TEMPORARY WOOD POLE.
 - DURING SWITCHOVER FROM EXISTING TO TEMPORARY OPERATION, STOP SIGN CONTROL WITH FLASHING SIGNAL OPERATION WILL BE PERMITTED. THE CONTROLLER AND CABINET SWITCHOVER SHALL BE COMPLETED WITHIN ONE 8-HOUR WORKDAY.
 - TEMPORARY PHASING SHALL BE THE SAME AS THE EXISTING. PHASING PLAN SHOWN ON TEMPORARY CABLE PLAN.
 - TIME OF DAY PROGRAMMING SHALL BE UTILIZED AND APPROVED BY I.D.O.T. AND/OR THE CITY OF URBANA.

REVISIONS	
NAME	DATE

EXISTING AND TEMPORARY TRAFFIC SIGNAL PLAN
 IL RTE. 130 AND TATMAN DR.

SCALE: 1" = 20'
 DATE: 12/09/13
 DRAWN BY:
 CHECKED BY:

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 12/9/2013



LEGEND	
PROPOSED	EXISTING

REVISIONS	
NAME	DATE

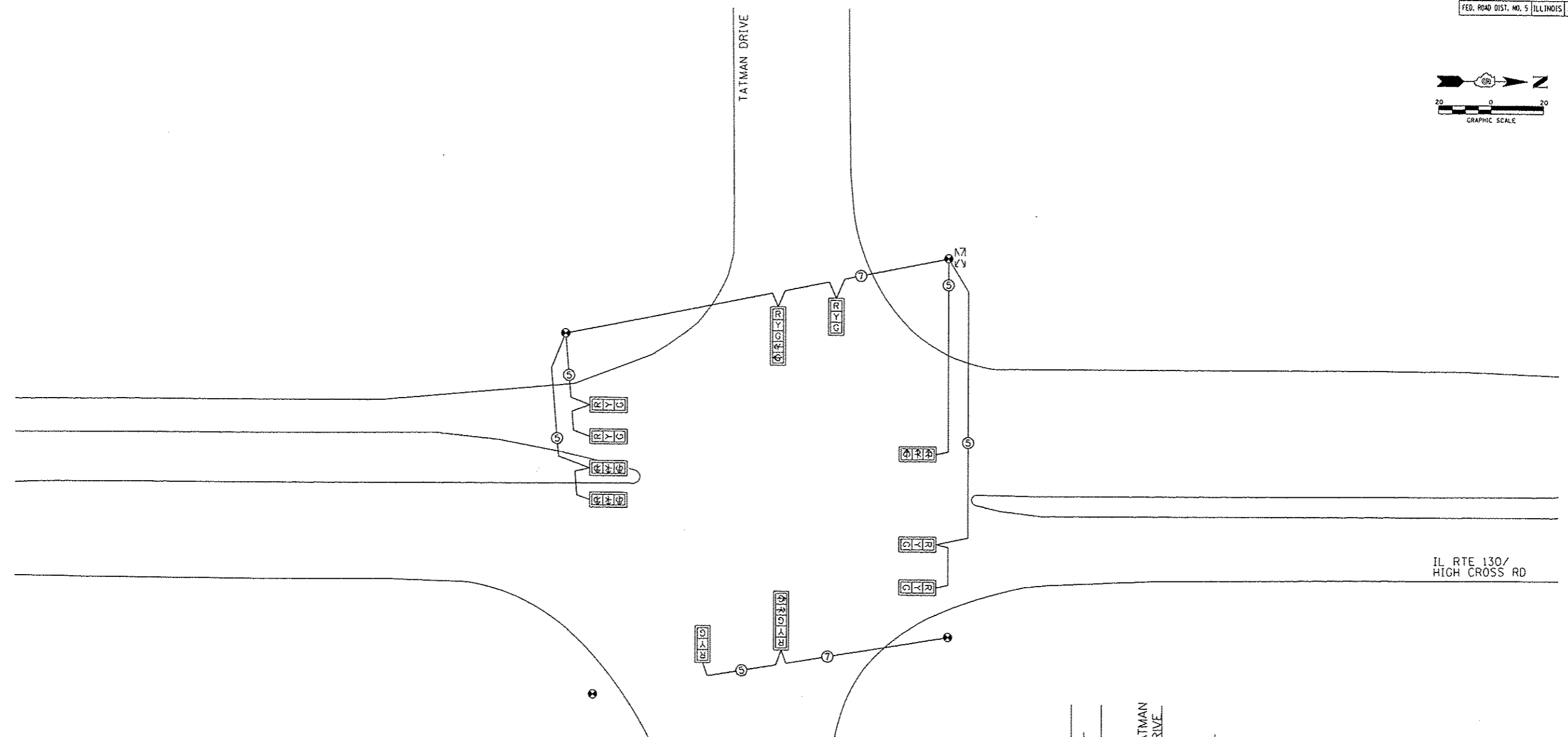
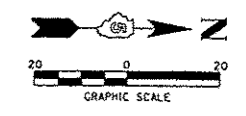
**EXISTING CABLE DIAGRAM
IL RTE. 130 AND TATMAN DR.**

SCALE: 1" = 20'
DATE: 12/09/13

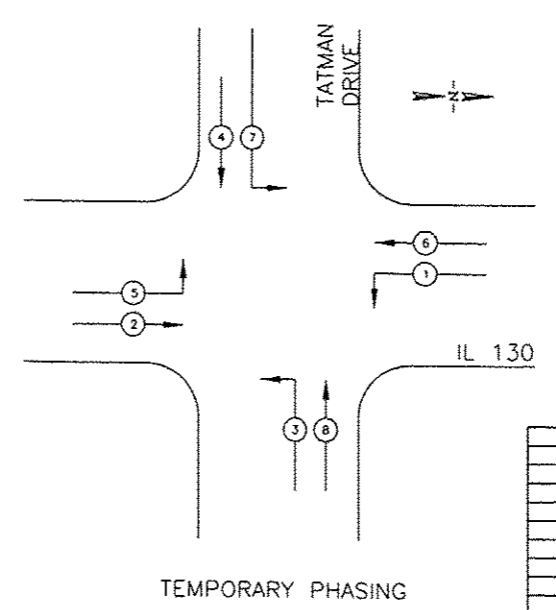
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CHECKED BY:

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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	144
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



LEGEND	
PROPOSED	EXISTING

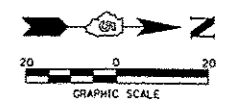


REVISIONS	
NAME	DATE

TEMPORARY CABLE DIAGRAM
IL RTE. 130 AND TATMAN DR.

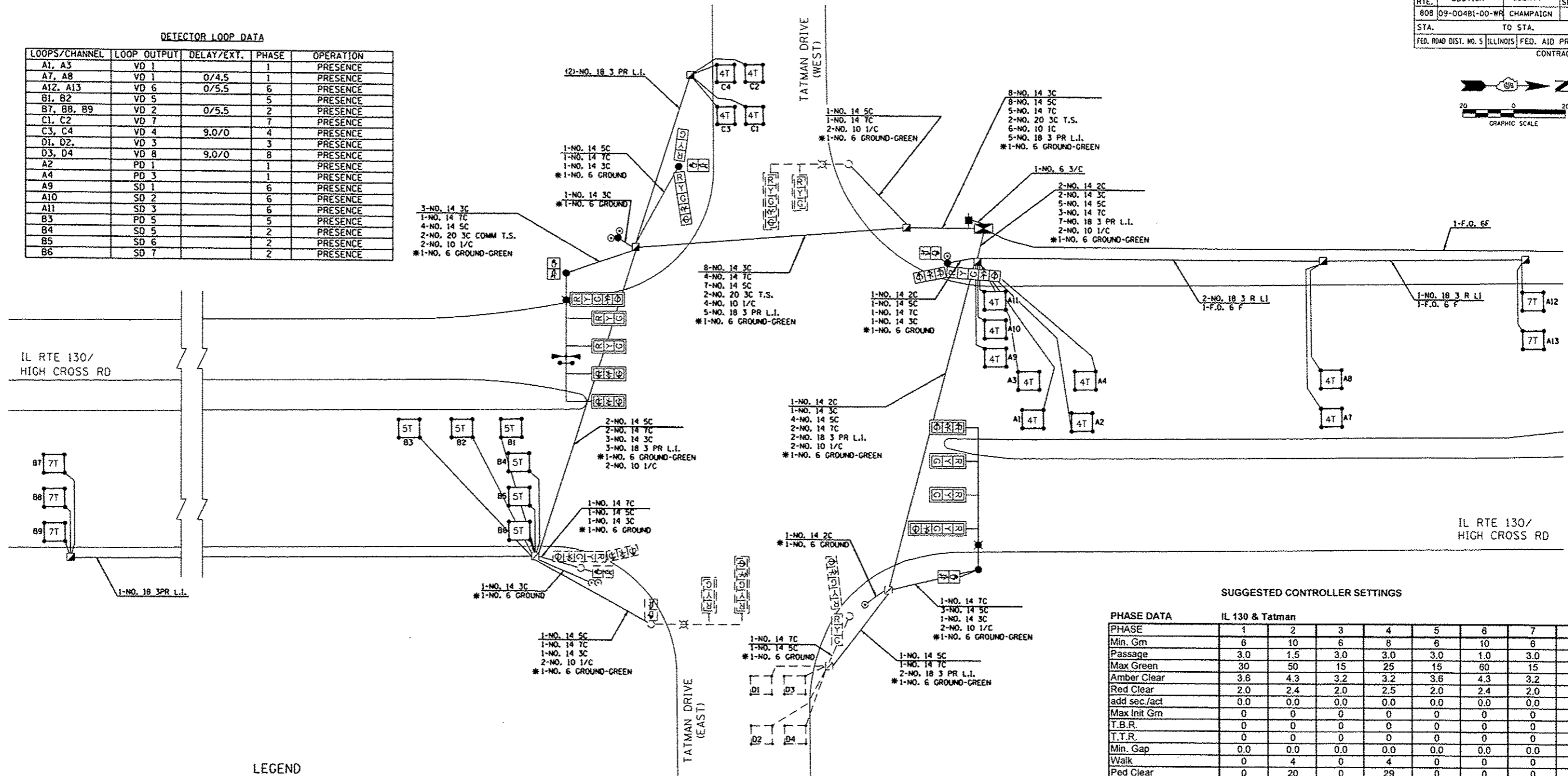
SCALE: 1" = 20'
DATE: 12/09/13
DRAWN BY:
CHECKED BY:

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 12/9/2013



DETECTOR LOOP DATA

LOOPS/CHANNEL	LOOP OUTPUT	DELAY/EXT.	PHASE	OPERATION
A1, A3	VD 1		1	PRESENCE
A7, A8	VD 1	0/4.5	1	PRESENCE
A12, A13	VD 6	0/5.5	6	PRESENCE
B1, B2	VD 5		5	PRESENCE
B7, B8, B9	VD 2	0/5.5	2	PRESENCE
C1, C2	VD 7		7	PRESENCE
C3, C4	VD 4	9.0/0	4	PRESENCE
D1, D2	VD 3		3	PRESENCE
D3, D4	VD 8	9.0/0	8	PRESENCE
A2	PD 1		1	PRESENCE
A4	PD 3		1	PRESENCE
A9	SD 1		6	PRESENCE
A10	SD 2		6	PRESENCE
A11	SD 3		6	PRESENCE
B3	PD 5		5	PRESENCE
B4	SD 5		2	PRESENCE
B5	SD 6		2	PRESENCE
B6	SD 7		2	PRESENCE



LEGEND

PROPOSED	EXISTING

UNIT DATA IL 130 & Tatman

Startup Time	5
Startup State	Flash
D-Conn Input	0
D-Conn Output	0

SUGGESTED CONTROLLER SETTINGS

PHASE DATA IL 130 & Tatman

PHASE	1	2	3	4	5	6	7	8
Min. Grn	6	10	6	8	6	10	6	8
Passage	3.0	1.5	3.0	3.0	3.0	1.0	3.0	3.0
Max Green	30	50	15	25	15	60	15	25
Amber Clear	3.6	4.3	3.2	3.2	3.6	4.3	3.2	3.2
Red Clear	2.0	2.4	2.0	2.5	2.0	2.4	2.0	2.5
add sec./act	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Init Grn	0	0	0	0	0	0	0	0
T.B.R.	0	0	0	0	0	0	0	0
T.T.R.	0	0	0	0	0	0	0	0
Min. Gap	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Walk	0	4	0	4	0	0	0	4
Ped Clear	0	20	0	29	0	0	0	28
Initialization	1	3	1	1	1	3	1	1
Veh Recall	None	None	None	None	None	None	None	None
Ped Recall	None	None	None	None	None	None	None	None
Non-Locking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual Entry	No	Yes	No	Yes	No	Yes	No	Yes
Omit	0	0	4	0	0	0	8	0
Minus Yellow	0	0	8	0	0	0	4	0
Omit Calls	0	0	8	0	0	0	4	0
Veh Detect Phs	1	2	3	4	5	6	7	8
Veh Detect Switch	0	0	8	0	0	0	4	0

SYSTEM DATA IL 130 & Tatman

System Address=6
All active detection channels programmed 10 minutes max call

REVISIONS

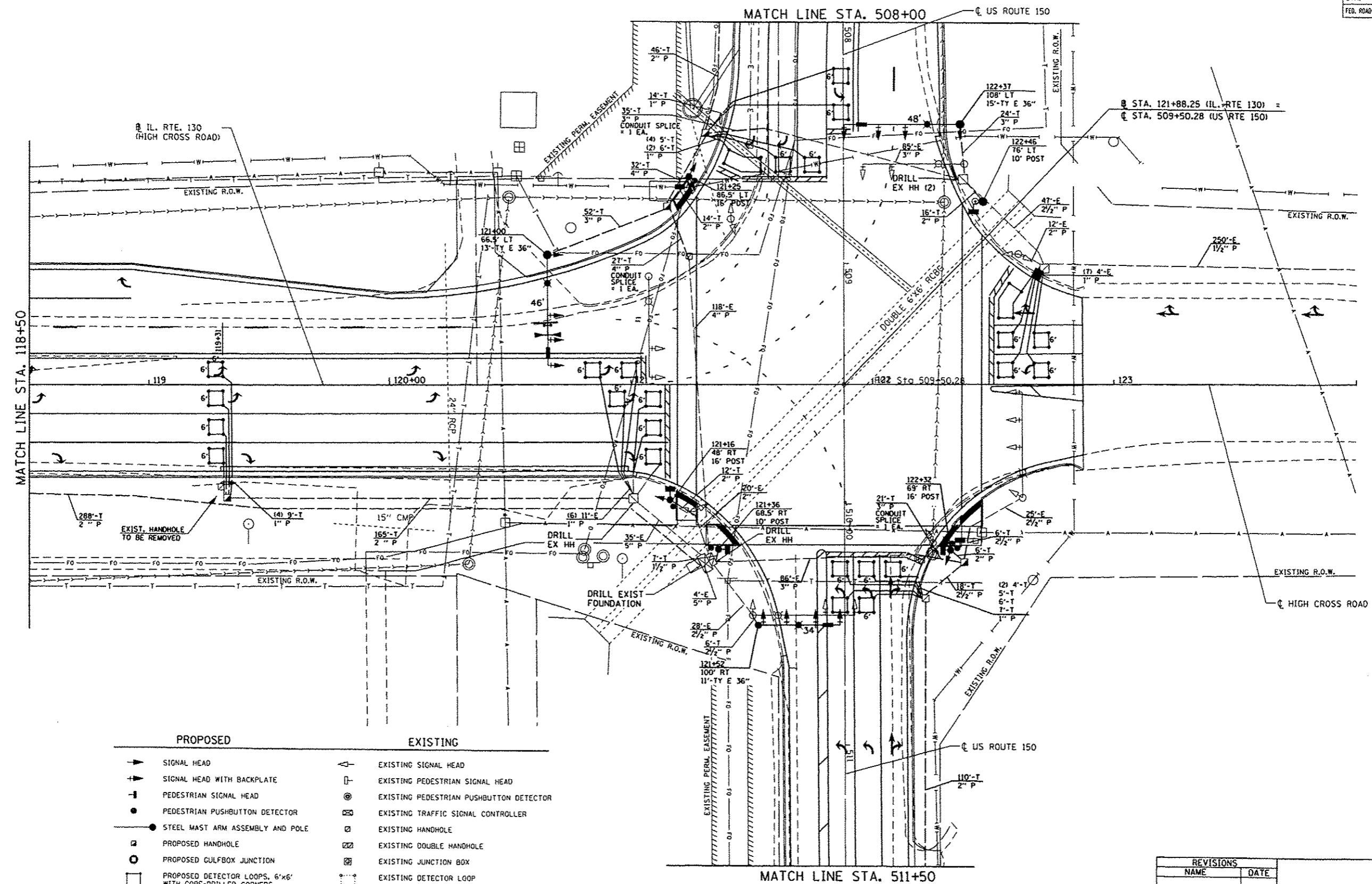
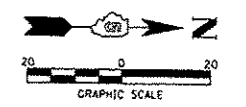
NAME	DATE

PROPOSED CABLE DIAGRAM
IL RTE. 130 AND TATMAN DR.

SCALE: 1" = 20'
DATE: 12/09/13
DRAWN BY:
CHECKED BY:

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	147
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



PROPOSED	EXISTING
SIGNAL HEAD	EXISTING SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE	EXISTING PEDESTRIAN SIGNAL HEAD
PEDESTRIAN SIGNAL HEAD	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
PEDESTRIAN PUSHBUTTON DETECTOR	EXISTING TRAFFIC SIGNAL CONTROLLER
STEEL MAST ARM ASSEMBLY AND POLE	EXISTING HANDHOLE
PROPOSED HANDHOLE	EXISTING DOUBLE HANDHOLE
PROPOSED CULFBOX JUNCTION	EXISTING JUNCTION BOX
PROPOSED DETECTOR LOOPS, 6'x6' WITH CORE-DRILLED CORNERS	EXISTING DETECTOR LOOP
PROPOSED EMERGENCY VEHICLE DETECTOR	
CONFIRMATION BEACON	
LUMINAIRE	
MAST ARM DAMPENING DEVICE	

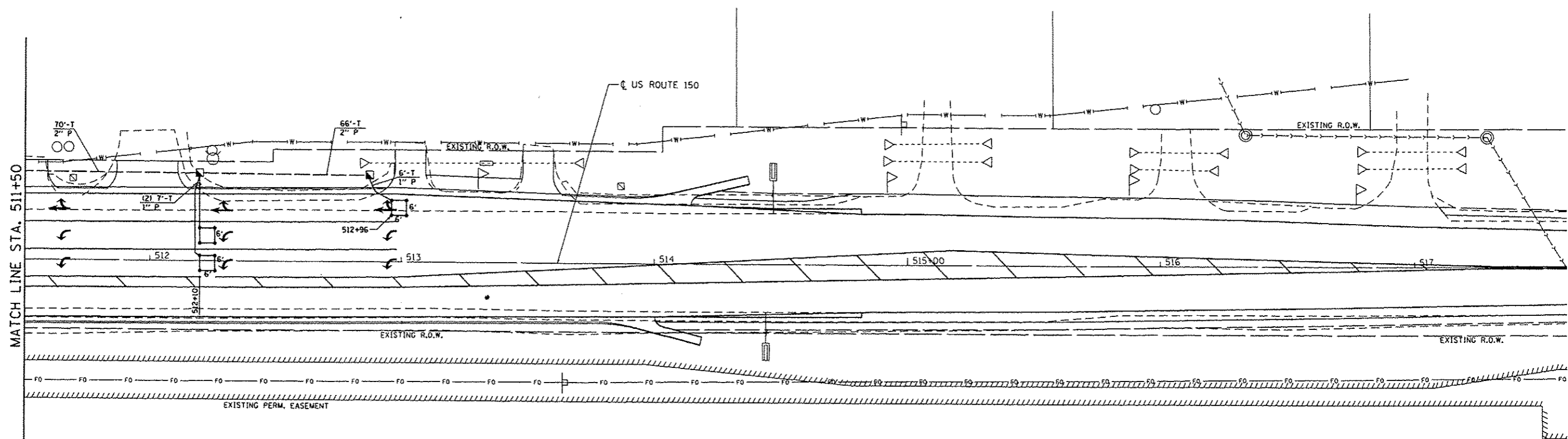
REVISIONS	
NAME	DATE

PROPOSED SIGNAL LAYOUT
IL RTE. 130 AND US RTE. 150
(UNIVERSITY AVENUE)

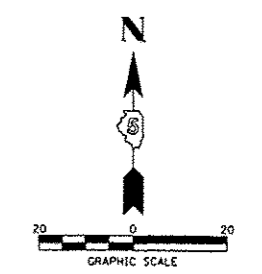
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DATE: 12/09/13

DRAWN BY:
CHECKED BY:

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12/9/2013



PROPOSED	EXISTING
SIGNAL HEAD	EXISTING SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE	EXISTING PEDESTRIAN SIGNAL HEAD
PEDESTRIAN SIGNAL HEAD	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
PEDESTRIAN PUSHBUTTON DETECTOR	EXISTING TRAFFIC SIGNAL CONTROLLER
STEEL MAST ARM ASSEMBLY AND POLE	EXISTING HANDHOLE
PROPOSED HANDHOLE	EXISTING DOUBLE HANDHOLE
PROPOSED GULFBOX JUNCTION	EXISTING JUNCTION BOX
PROPOSED DETECTOR LOOPS, 6'x6' WITH CORE-DRILLED CORNERS	EXISTING DETECTOR LOOP
PROPOSED EMERGENCY VEHICLE DETECTOR	
CONFIRMATION BEACON	
LUMINAIRE	
MAST ARM DAMPENING DEVICE	



REVISIONS	
NAME	DATE

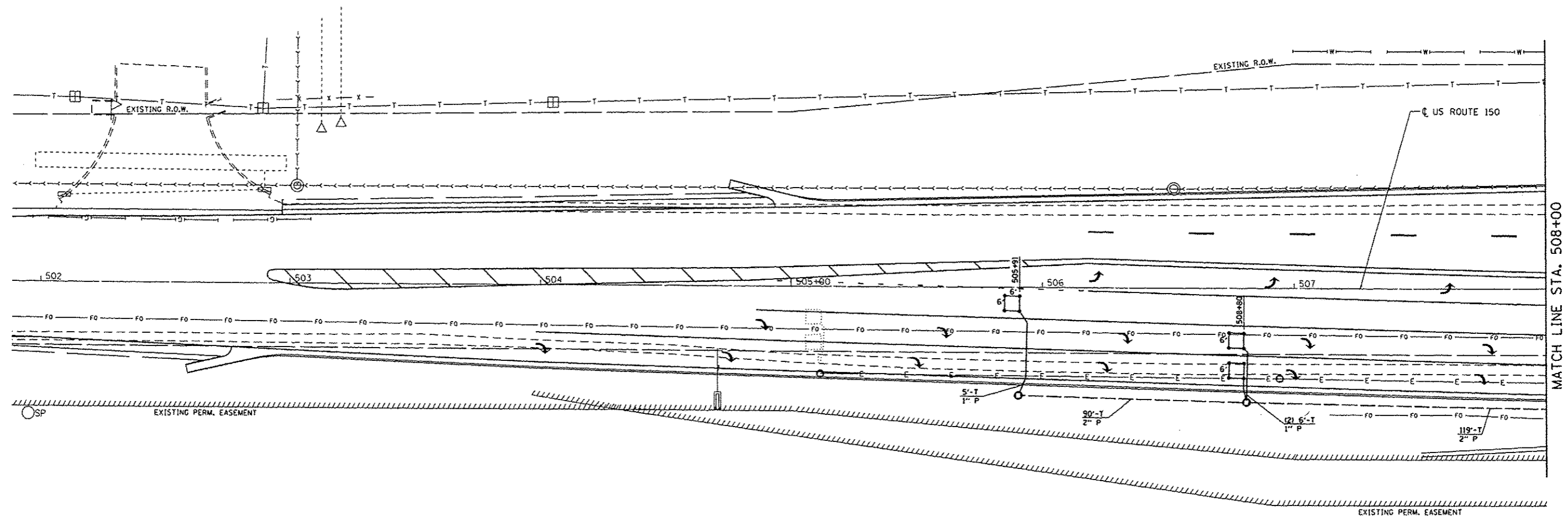
PROPOSED SIGNAL LAYOUT
 IL RTE. 130 AND US RTE. 150
 (UNIVERSITY AVENUE)

SCALE: 1" = 20'
 DATE: 12/09/13

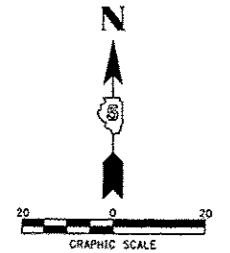
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 12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-004B1-00-WR	CHAMPAIGN	193	149
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



PROPOSED	EXISTING
SIGNAL HEAD	EXISTING SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE	EXISTING PEDESTRIAN SIGNAL HEAD
PEDESTRIAN SIGNAL HEAD	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
PEDESTRIAN PUSHBUTTON DETECTOR	EXISTING TRAFFIC SIGNAL CONTROLLER
STEEL MAST ARM ASSEMBLY AND POLE	EXISTING HANDHOLE
PROPOSED HANDHOLE	EXISTING DOUBLE HANDHOLE
PROPOSED GULFBOX JUNCTION	EXISTING JUNCTION BOX
PROPOSED DETECTOR LOOPS, 6'x6' WITH CORE-DRILLED CORNERS	EXISTING DETECTOR LOOP
PROPOSED EMERGENCY VEHICLE DETECTOR	
CONFIRMATION BEACON	
LUMINAIRE	
MAST ARM DAMPENING DEVICE	



REVISIONS	
NAME	DATE

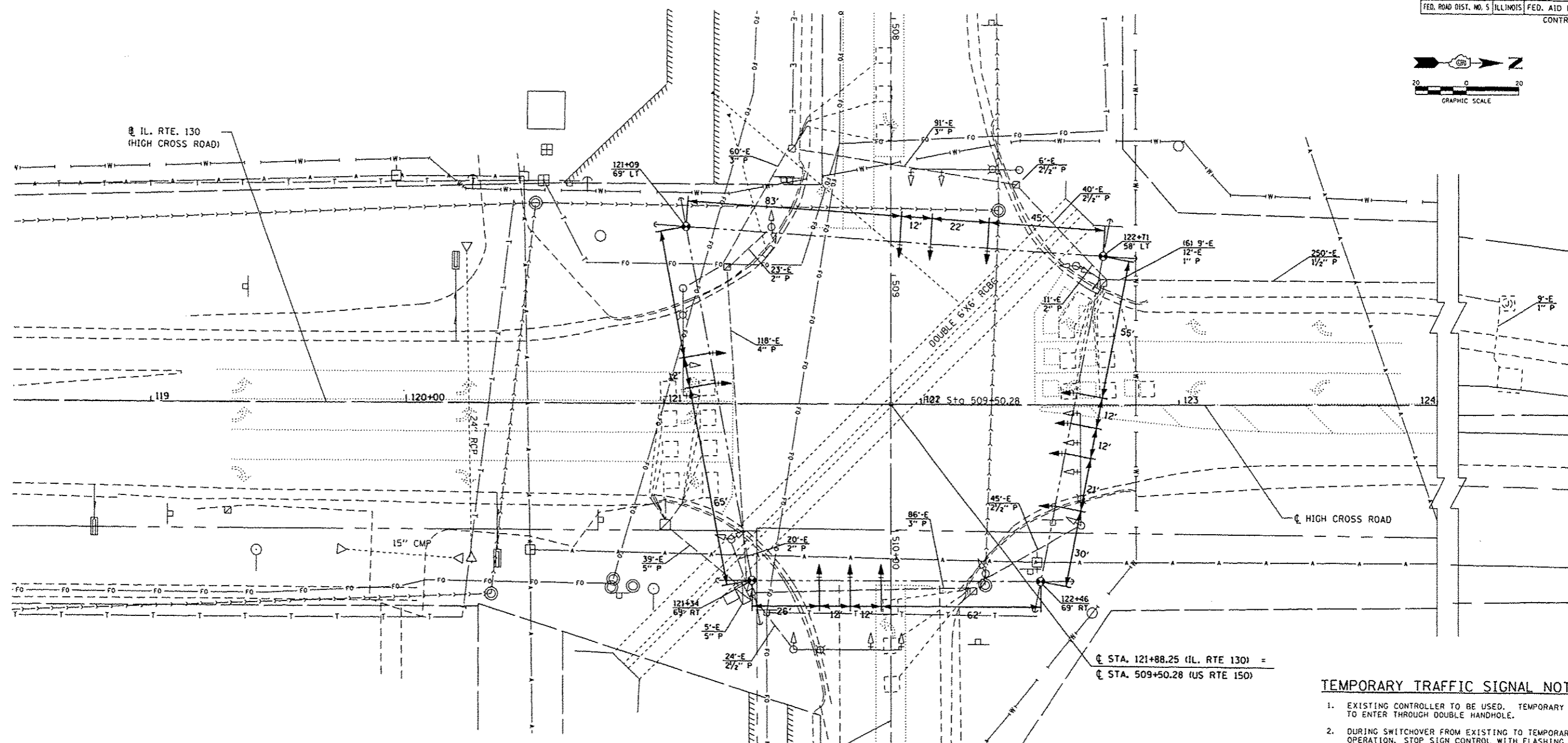
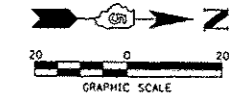
PROPOSED SIGNAL LAYOUT
IL RTE. 130 AND US RTE. 150
(UNIVERSITY AVENUE)

SCALE: 1" = 20'
DATE: 12/09/13

DRAWN BY:
CHECKED BY:

Default
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12/9/2013

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808 09-00481-00-WR		CHAMPAIGN	193	150
STA.	TO STA.			
FED. ROAD DIST. NO. 5 ILLINOIS	FED. AID PROJECT			
CONTRACT NO. 91506				



CL STA. 121+88.25 (IL. RTE 130) =
 CL STA. 509+50.28 (US RTE 150)

TEMPORARY TRAFFIC SIGNAL NOTES:

- EXISTING CONTROLLER TO BE USED. TEMPORARY CABLES TO ENTER THROUGH DOUBLE HANDHOLE.
- DURING SWITCHOVER FROM EXISTING TO TEMPORARY OPERATION, STOP SIGN CONTROL WITH FLASHING SIGNAL OPERATION WILL BE PERMITTED. THE CONTROLLER AND CABINET SWITCHOVER SHALL BE COMPLETED WITHIN ONE 8-HOUR WORKDAY.
- TEMPORARY PHASING SHALL BE THE SAME AS THE EXISTING. PHASING PLAN SHOWN ON TEMPORARY CABLE PLAN.
- TIME OF DAY PROGRAMMING SHALL BE UTILIZED AND APPROVED BY I.D.O.T. AND/OR THE CITY OF URBANA.
- TEMPORARY SIGNAL HEADS SHALL BE ADJUSTED DURING CONSTRUCTION STAGING TO ALIGN SIGNAL HEADS WITH LANES. THIS WORK INCLUDED IN TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.

LEGEND	
PROPOSED	EXISTING

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

CONSISTS OF:
 11 - SIGNAL HEAD ASSEMBLIES
 3 - TRAFFIC SIGNAL POSTS
 3 - MAST ARM ASSEMBLY AND POSTS
 1 - CONTROLLER AND CABINET
 2 - LUMINAIRES
 ALL REMOVED EQUIPMENT TO BE DELIVERED TO THE CITY OF URBANA STREET DEPARTMENT, 709 S. GLOVER.

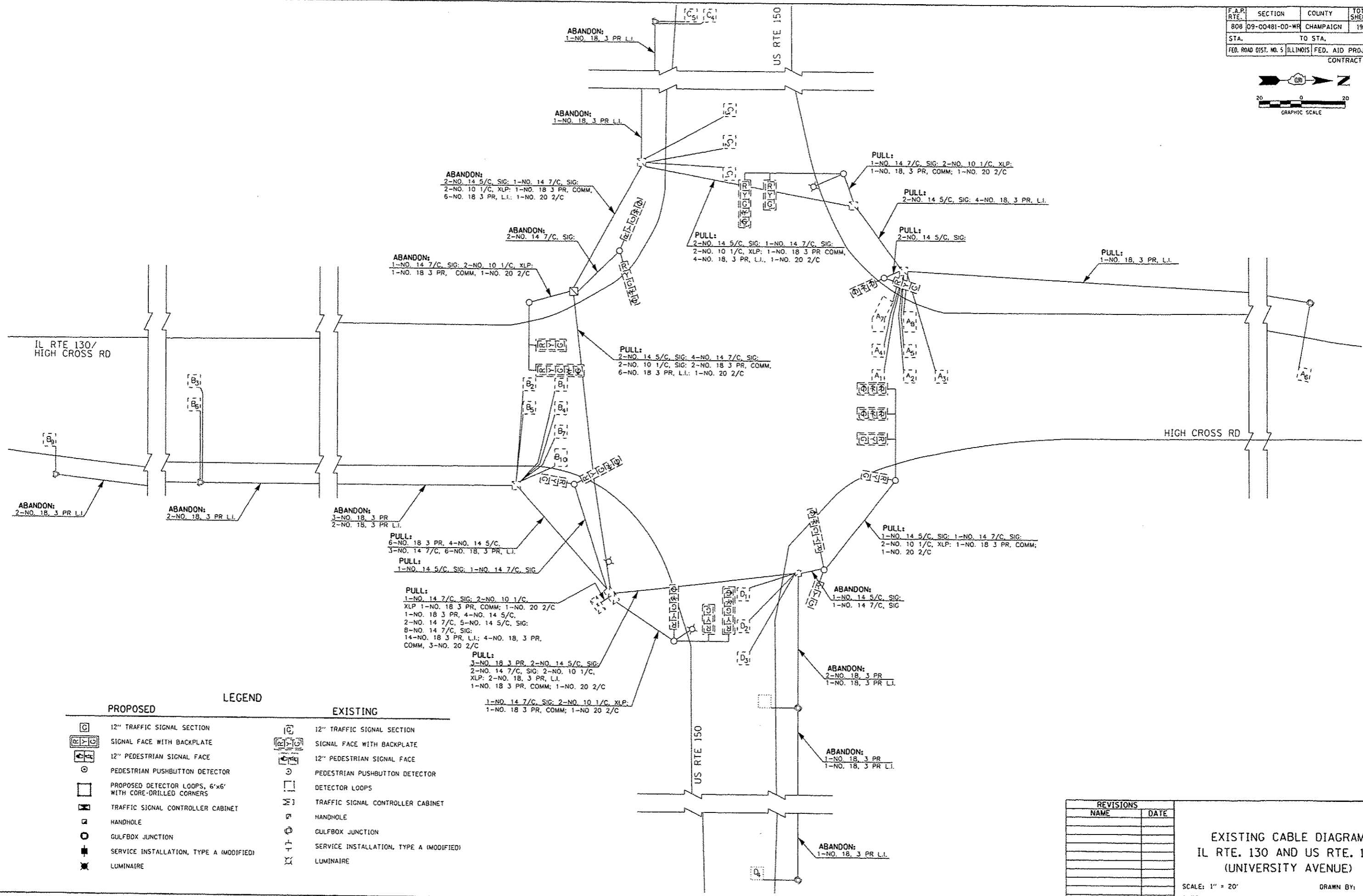
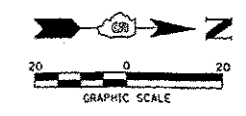
REVISIONS	
NAME	DATE

EXISTING AND TEMPORARY
 TRAFFIC SIGNAL PLAN
 IL RTE. 130 AND US RTE. 150
 (UNIVERSITY AVENUE)

SCALE: 1" = 20'
 DATE: 12/09/13
 DRAWN BY:
 CHECKED BY:

Default L:\URBANA\2010-08-DR-aw\CADD_Sheets\SignalPlans\087_Exist-University.dgn 12/9/2013

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	151
STA. TO STA.		FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91506				



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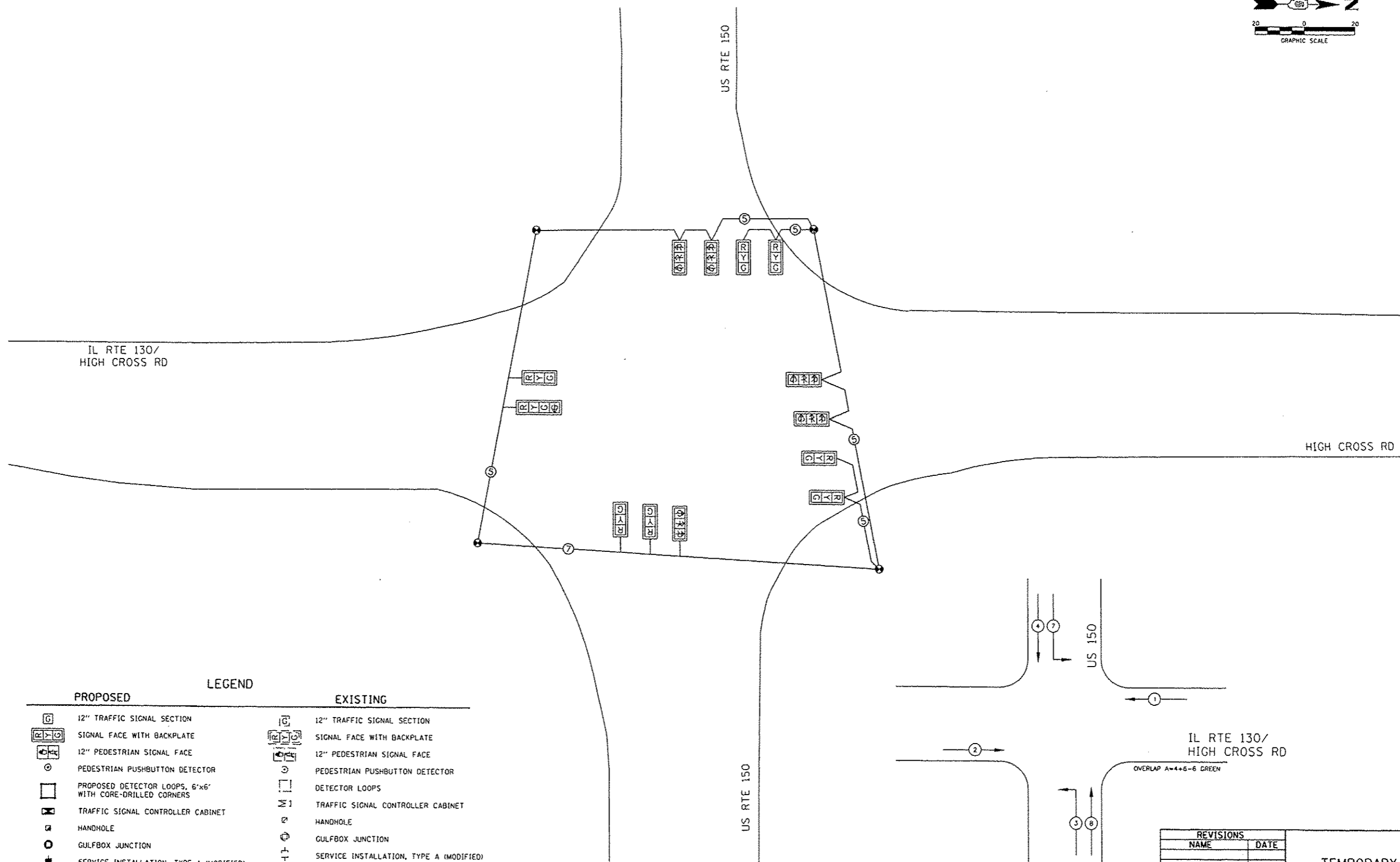
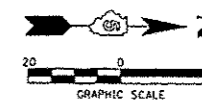
PROPOSED	EXISTING

REVISIONS	
NAME	DATE

EXISTING CABLE DIAGRAM
 IL RTE. 130 AND US RTE. 150
 (UNIVERSITY AVENUE)

SCALE: 1" = 20'
 DATE: 12/09/13
 DRAWN BY:
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	152
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 91506				



LEGEND	
PROPOSED	EXISTING

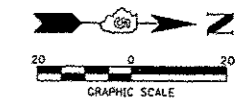
REVISIONS	
NAME	DATE

TEMPORARY CABLE DIAGRAM
IL RTE. 130 AND US RTE. 150
(UNIVERSITY AVENUE)

SCALE: 1" = 20'
DATE: 12/09/13

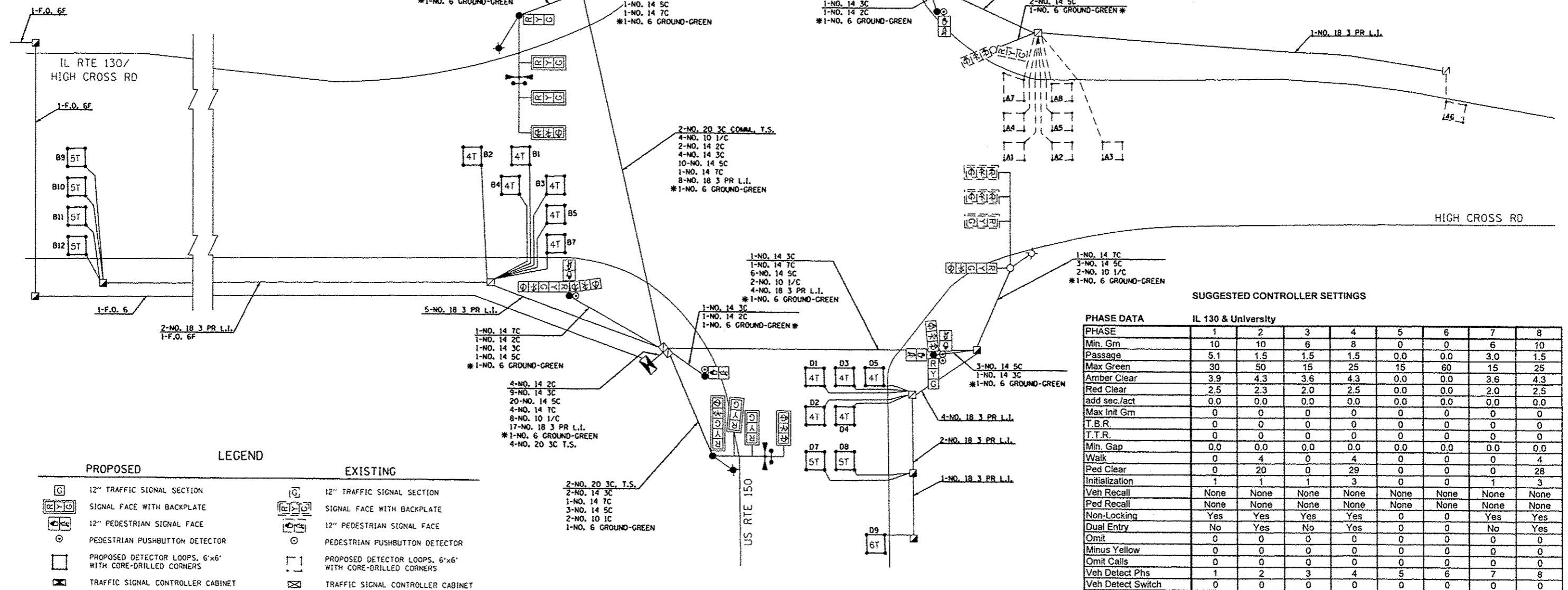
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CHECKED BY:

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 12/9/2013



DETECTOR LOOP DATA

LOOPS/CHANNEL	LOOP OUTPUT	DELAY/EXT.	PHASE	OPERATION
A1, A2, A3	PD 1		1	PRESENCE
A4, A5	PD 1		1	PRESENCE
A7, A8	PD 1	9/0	1	PRESENCE
A6	VD 1		1	PRESENCE
B1, B3	VD 2		2	PRESENCE
B5	VD 5	9/0	2	PRESENCE
B7	VD 6		2	PRESENCE
B9, B10	VD 2	0/4.5	2	PRESENCE
B11, B12	VD 2	0/4.5	2	PRESENCE
C1, C2	VD 7		7	PRESENCE
C3	SD 3	9/0	4	PRESENCE
C5	SD 4	9/0	4	PRESENCE
C7	SD 6		4	PRESENCE
C9, C10	VD 4	0/5.5	4	PRESENCE
C11	VD 4		4	PRESENCE
D1, D3	VD 2	9/0	4	PRESENCE
D5	SD 8	0/4.5	8	PRESENCE
D7, D8	VD 3	0/5.5	3	PRESENCE
D9	VD 3		8	PRESENCE
B2	SD 1		2	PRESENCE
B4	SD 2		2	PRESENCE
D2	PD 3		3	PRESENCE
D4	SD 7		3	PRESENCE



LEGEND

PROPOSED	EXISTING

SYSTEM DATA IL 130 & University

System Address=5
All active detection channels programmed 10 minutes max call

UNIT DATA IL 130 & University

Startup Time	5
Startup State	Flash
D-Conn Input	0
D-Conn Output	0

SUGGESTED CONTROLLER SETTINGS

PHASE DATA IL 130 & University

PHASE	1	2	3	4	5	6	7	8
Min. Grn	10	10	6	8	0	0	6	10
Passage	5.1	1.5	1.5	1.5	0.0	0.0	3.0	1.5
Max Green	30	50	15	25	15	60	15	25
Amber Clear	3.9	4.3	3.6	4.3	0.0	0.0	3.6	4.3
Red Clear	2.5	2.3	2.0	2.5	0.0	0.0	2.0	2.5
add sec./act	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Init Grn	0	0	0	0	0	0	0	0
T.B.R.	0	0	0	0	0	0	0	0
T.T.R.	0	0	0	0	0	0	0	0
Min. Gap	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Walk	0	4	0	4	0	0	0	4
Ped Clear	0	20	0	29	0	0	0	28
Initialization	1	1	1	3	0	0	1	3
Veh Recall	None	None	None	None	None	None	None	None
Ped Recall	None	None	None	None	None	None	None	None
Non-Locking	Yes	Yes	Yes	Yes	0	0	Yes	Yes
Dual Entry	No	Yes	No	Yes	0	0	No	Yes
Omit	0	0	0	0	0	0	0	0
Minus Yellow	0	0	0	0	0	0	0	0
Omit Calls	0	0	0	0	0	0	0	0
Veh Detect Phs	1	2	3	4	5	6	7	8
Veh Detect Switch	0	0	0	0	0	0	0	0

REVISIONS

NAME	DATE

PROPOSED CABLE DIAGRAM
IL RTE. 130 AND US RTE. 150
(UNIVERSITY AVENUE)

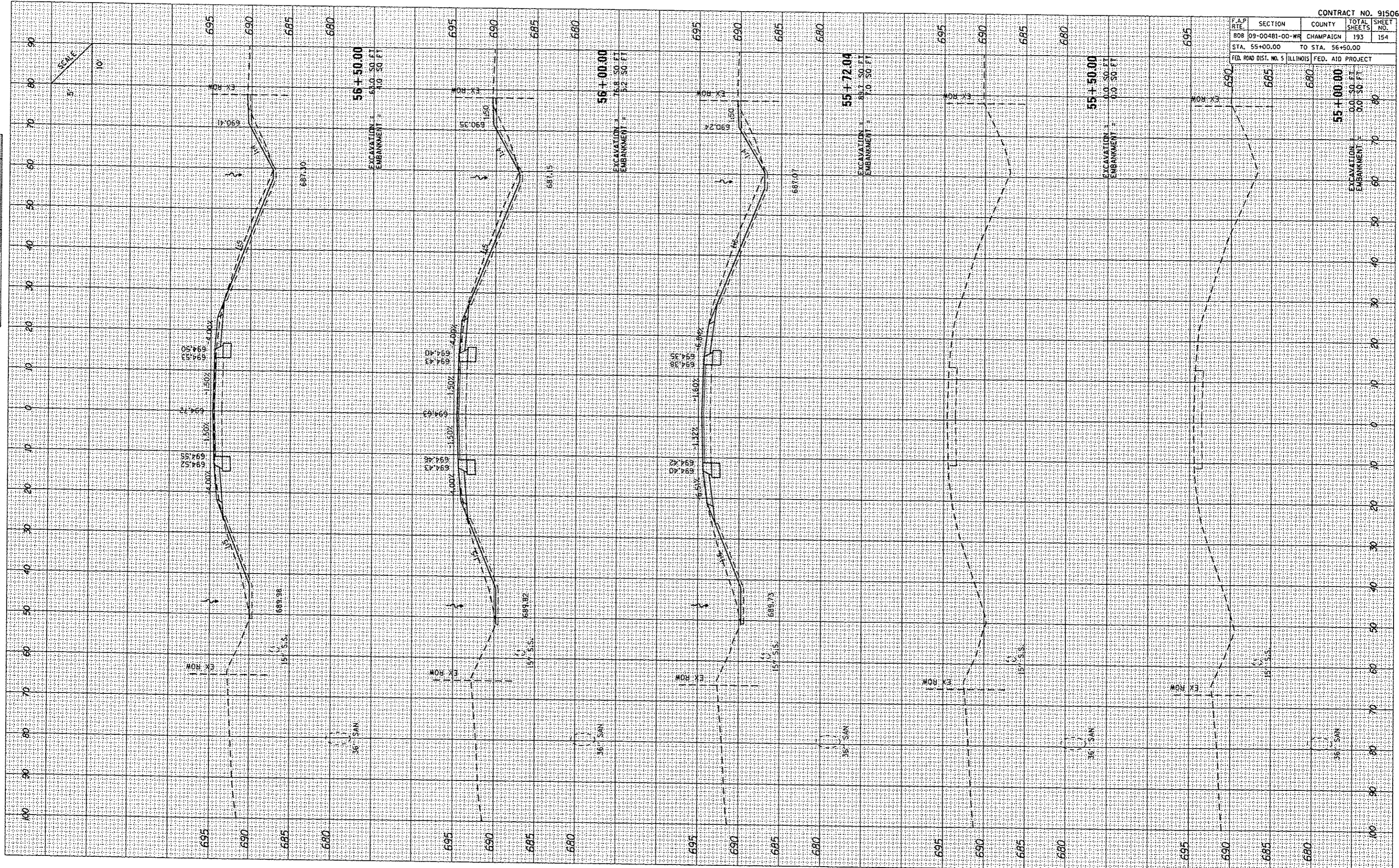
SCALE: 1" = 20'
 DATE: 12/09/13
 DRAWN BY:
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB 09-00481-00-WR		CHAMPAIGN	193	154
STA. 55+00.00		TO STA. 56+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

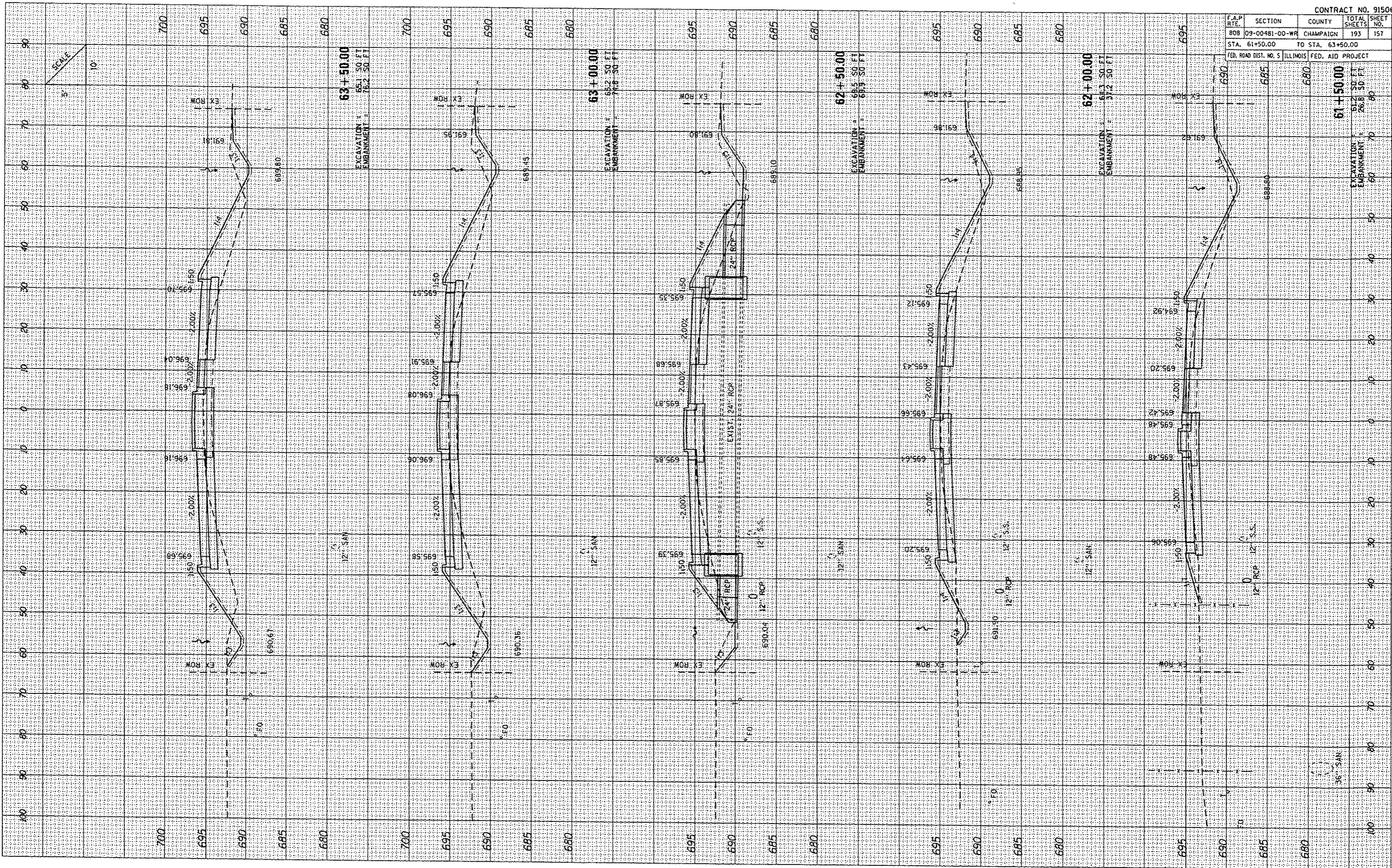
DATE	BY

DATE	BY

PLOT DATE: 12/17/2013
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 SCALE: 1"=40'
 USER: MUSEN



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80B	09-00481-00-WR	CHAMPAIGN	193	157
STA. 61+50.00		TO STA. 63+50.00		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		



DATE	
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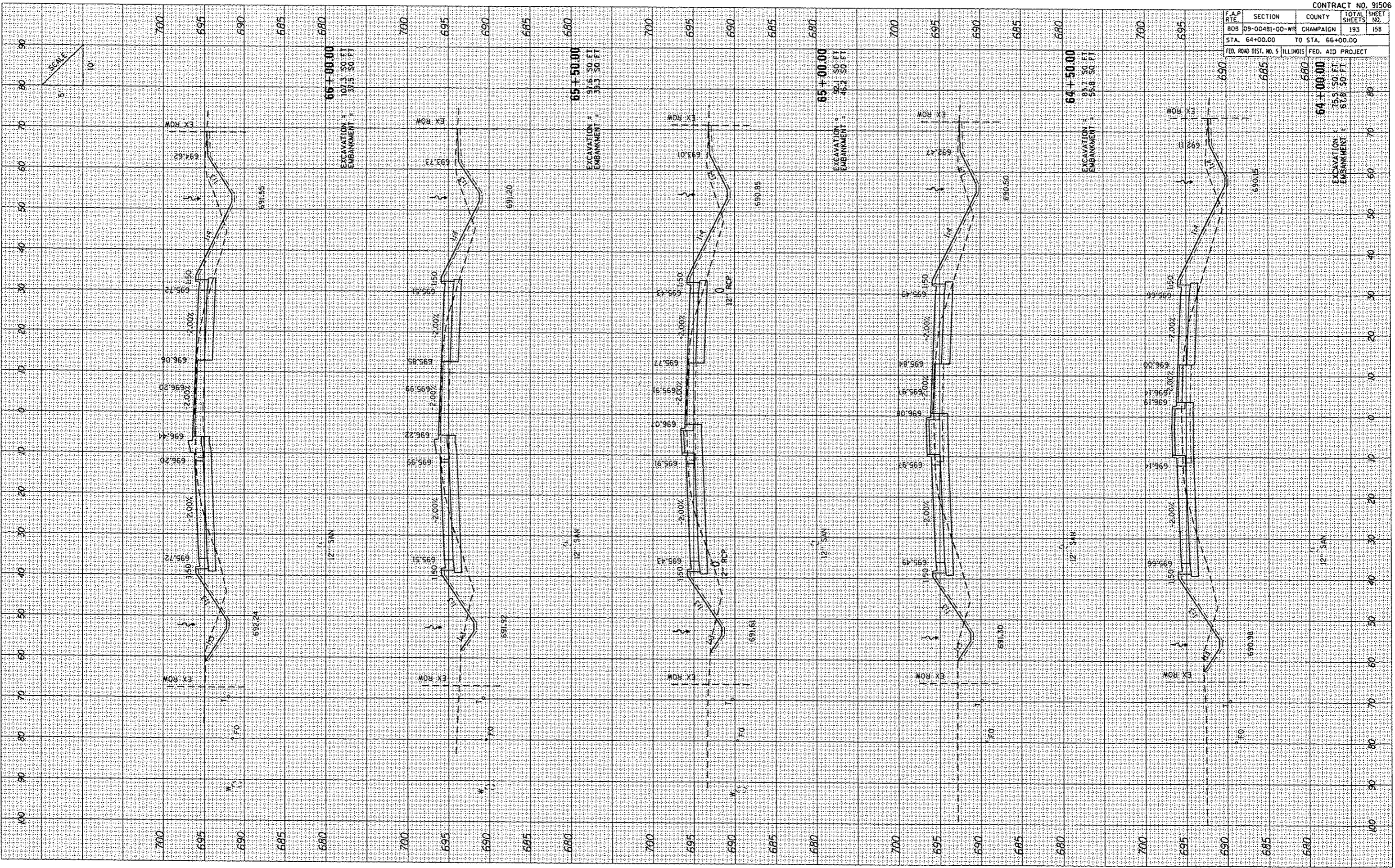
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB	09-00481-00-WR	CHAMPAIGN	193	158
STA. 64+00.00 TO STA. 66+00.00				
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE: 12/09/2013
 FILE NAME: L:\114\114000\12881-08-10\114000.dwg
 PLOT SCALE: 1"=40' HORIZ, 1"=10' VERT
 USER NAME: ESCALER



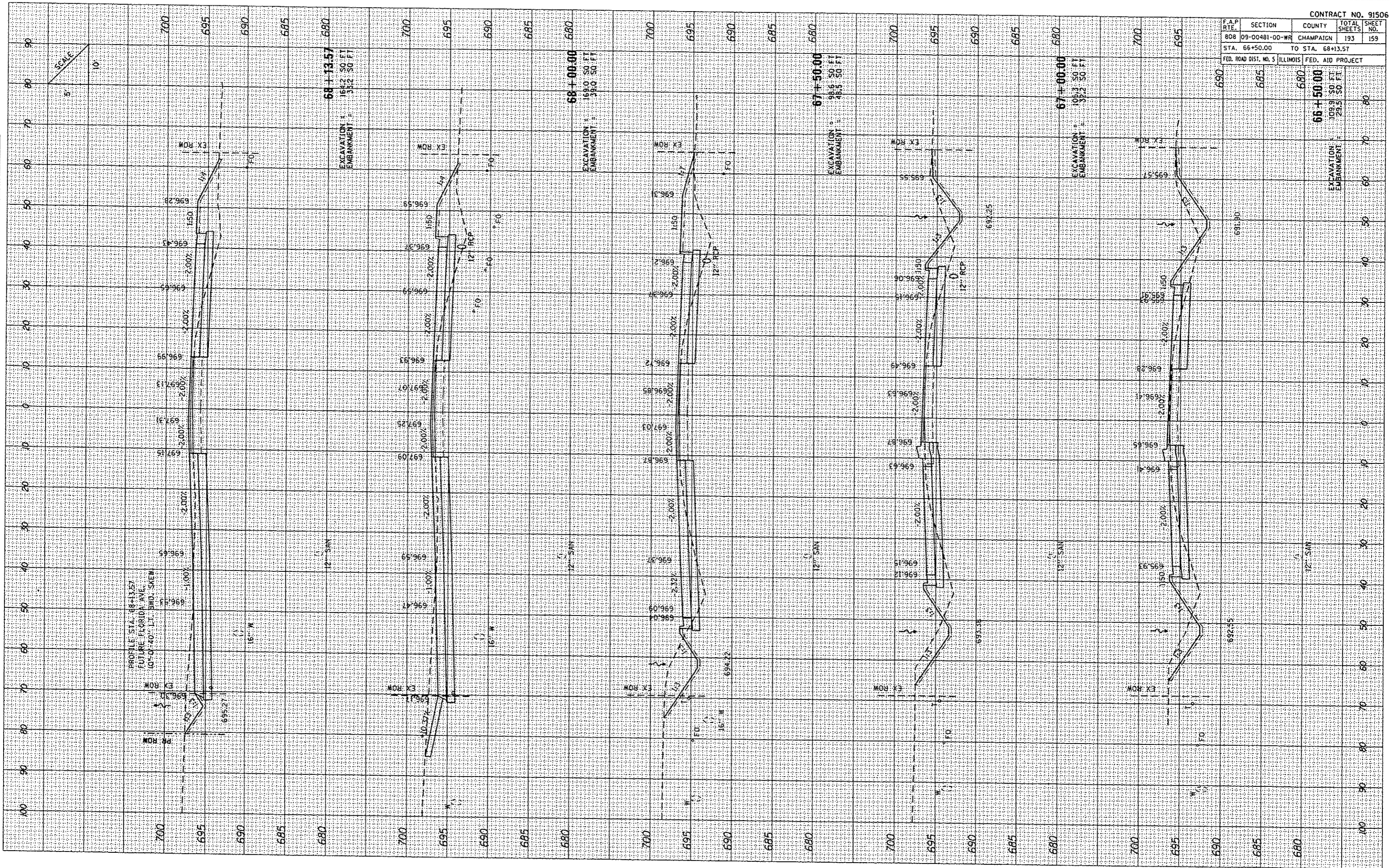
CROSS SECTIONS: IL ROUTE 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	159
STA. 66+50.00		TO STA. 68+13.57		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

FINAL SURVEY	DATE
NO.	
REVISIONS	BY
DATE	
BY	
DATE	
BY	
DATE	

ORIGINAL SURVEY	DATE
NO.	
REVISIONS	BY
DATE	
BY	
DATE	
BY	
DATE	

PLOT DATE: 12/29/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: MUSERA

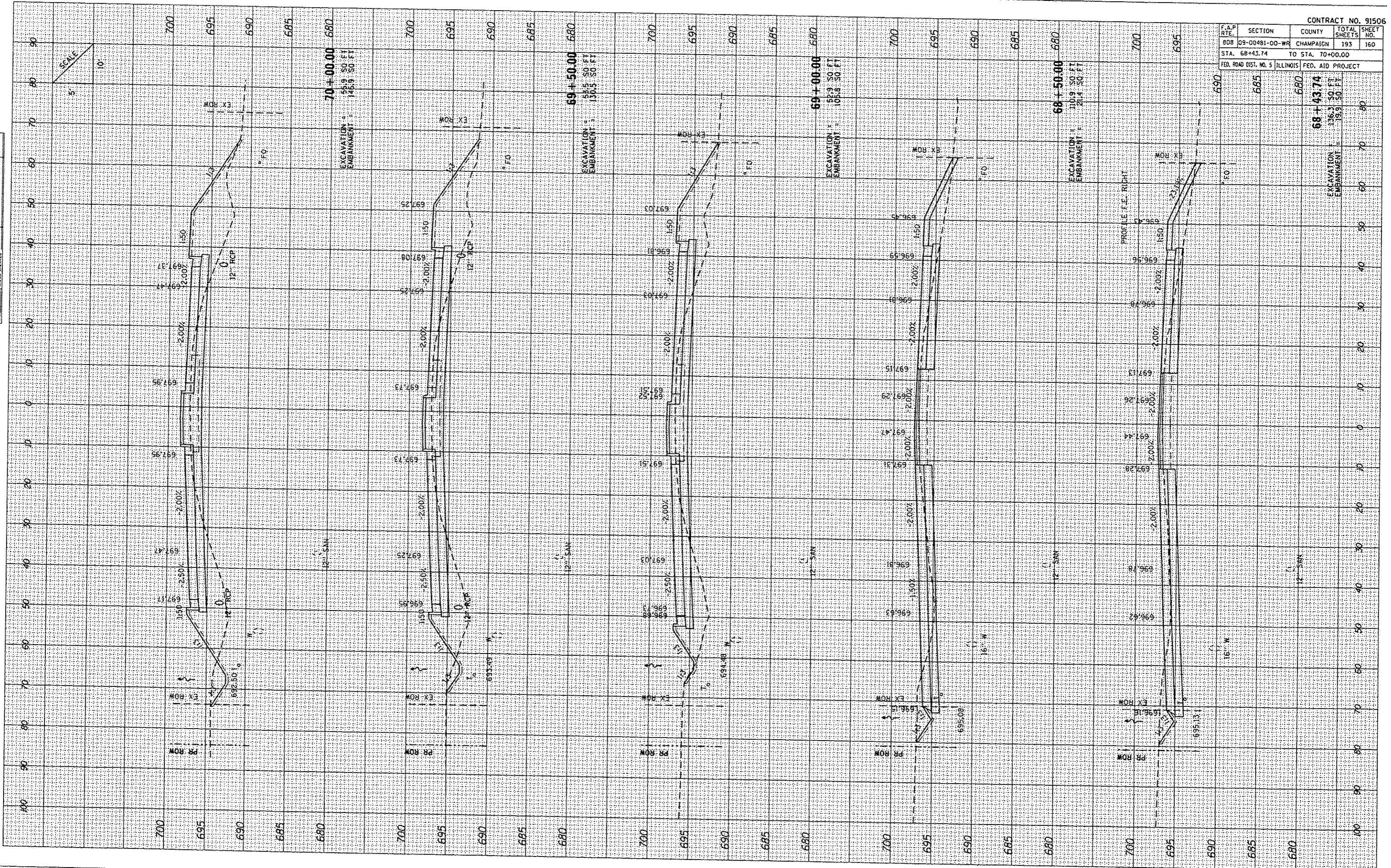


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193
STA. 68+43.74		TO STA. 70+00.00	
FED. ROAD DIST. NO. 5 ILLINOIS		FED. AID PROJECT	

DATE	BY

DATE	BY

PLOT DATE: 12/25/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: MUSERA
 ORIGINAL SURVEY NO.: 12801-08-01-1400-00
 EXCISED AREAS: NONE
 EXCISED AREAS: NONE

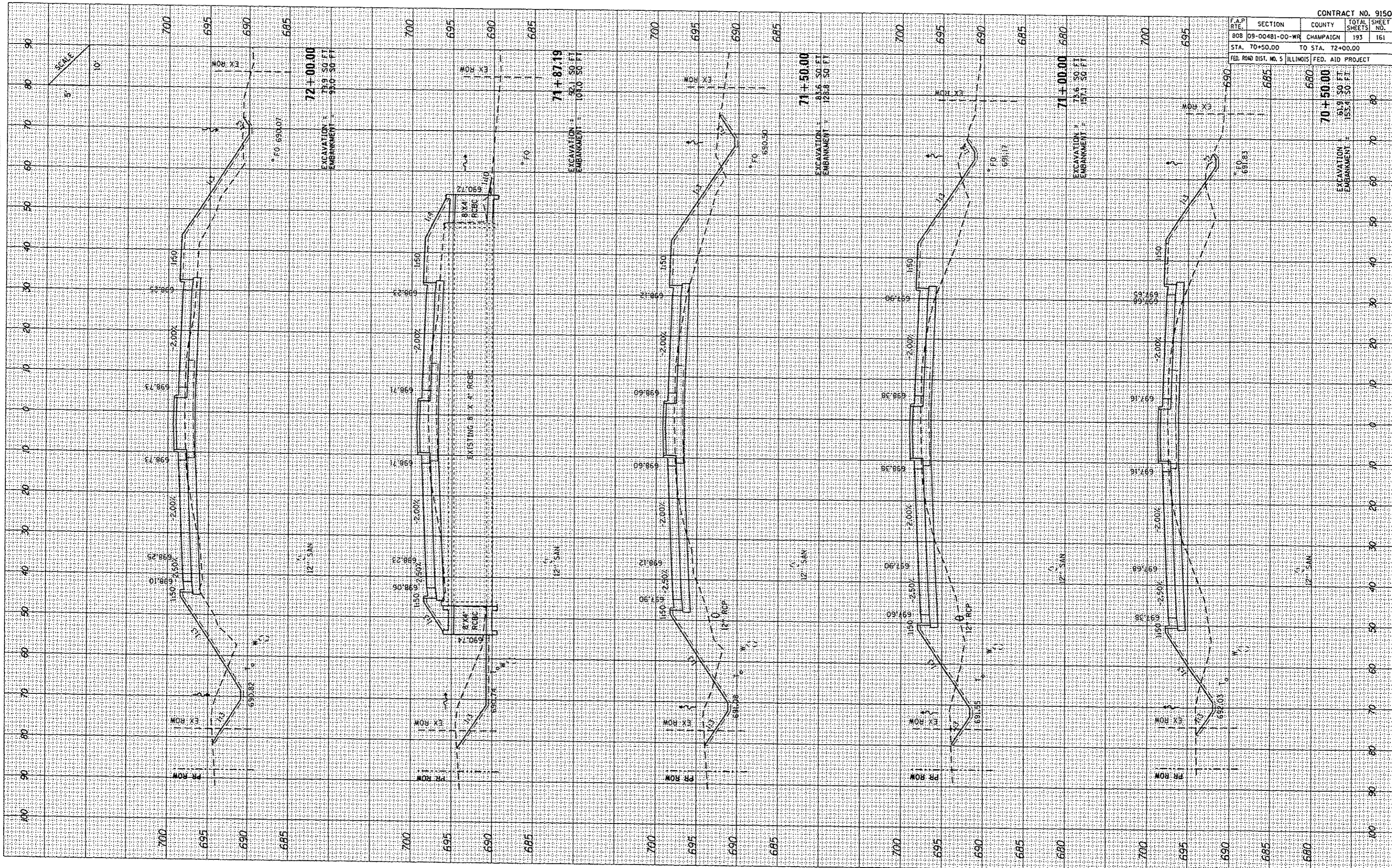


F.A.P. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	161
STA. 70+50.00		TO STA. 72+00.00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

DATE	BY

DATE	BY

PLOT DATE: 12/17/2013
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 USER NAME: MUBER
 PLOT SCALE: 1"=10'

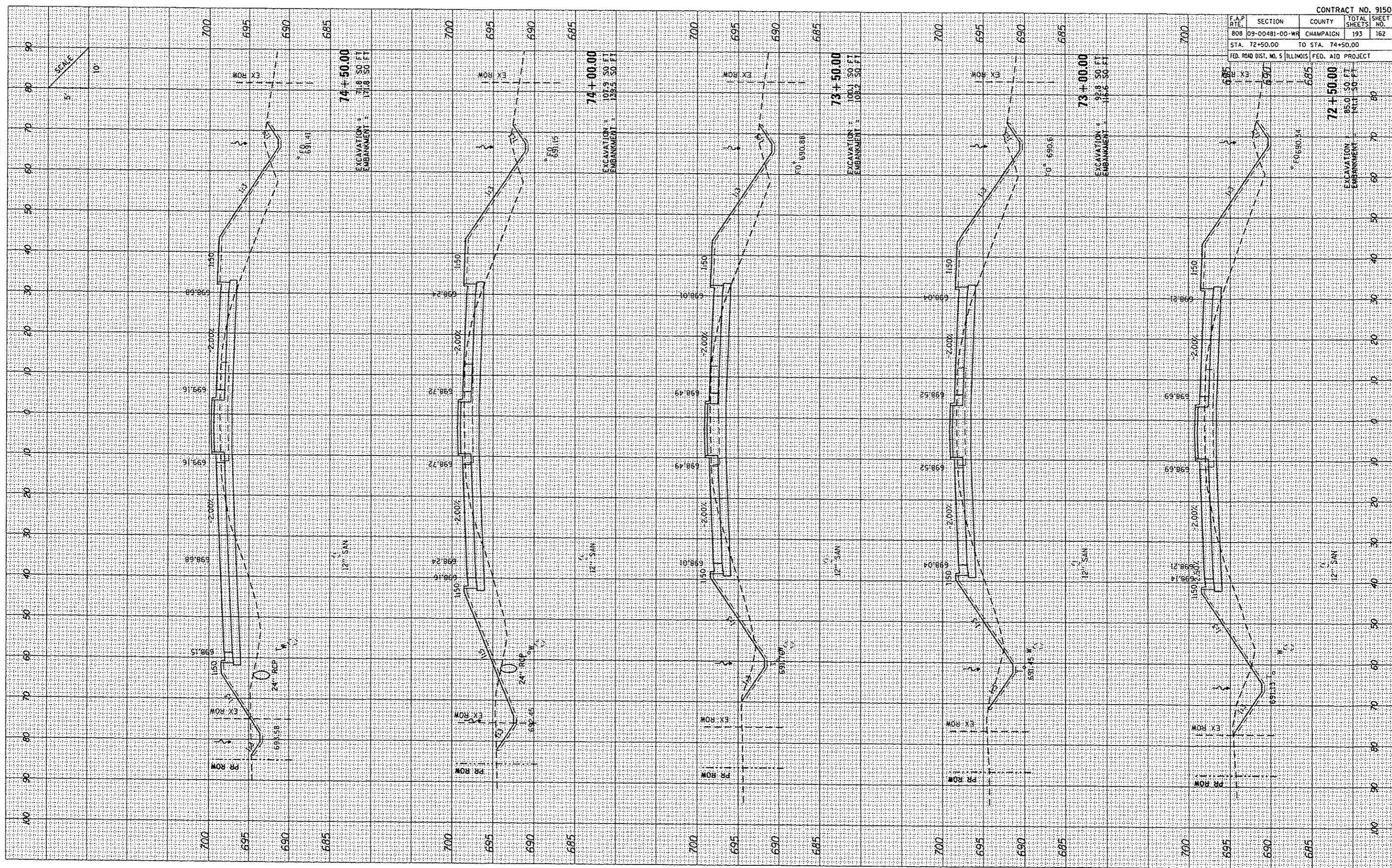


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	162
STA. 72+50.00		TO STA. 74+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
REVISIONS	
BY	
DATE	
NOTED	
DATE	
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DATE	

ORIGINAL SURVEY	DATE
REVISIONS	
BY	
DATE	
NOTED	
DATE	
BY	
DATE	

PLOT DATE: 12/9/2013
 FILE NAME: L:\U-bone\12081-08-Urva\1000-5-10-13\12081-08-URVA-1000-5-10-13.dwg
 PLOT SCALE: 1"=40'
 USER NAME: AUCB

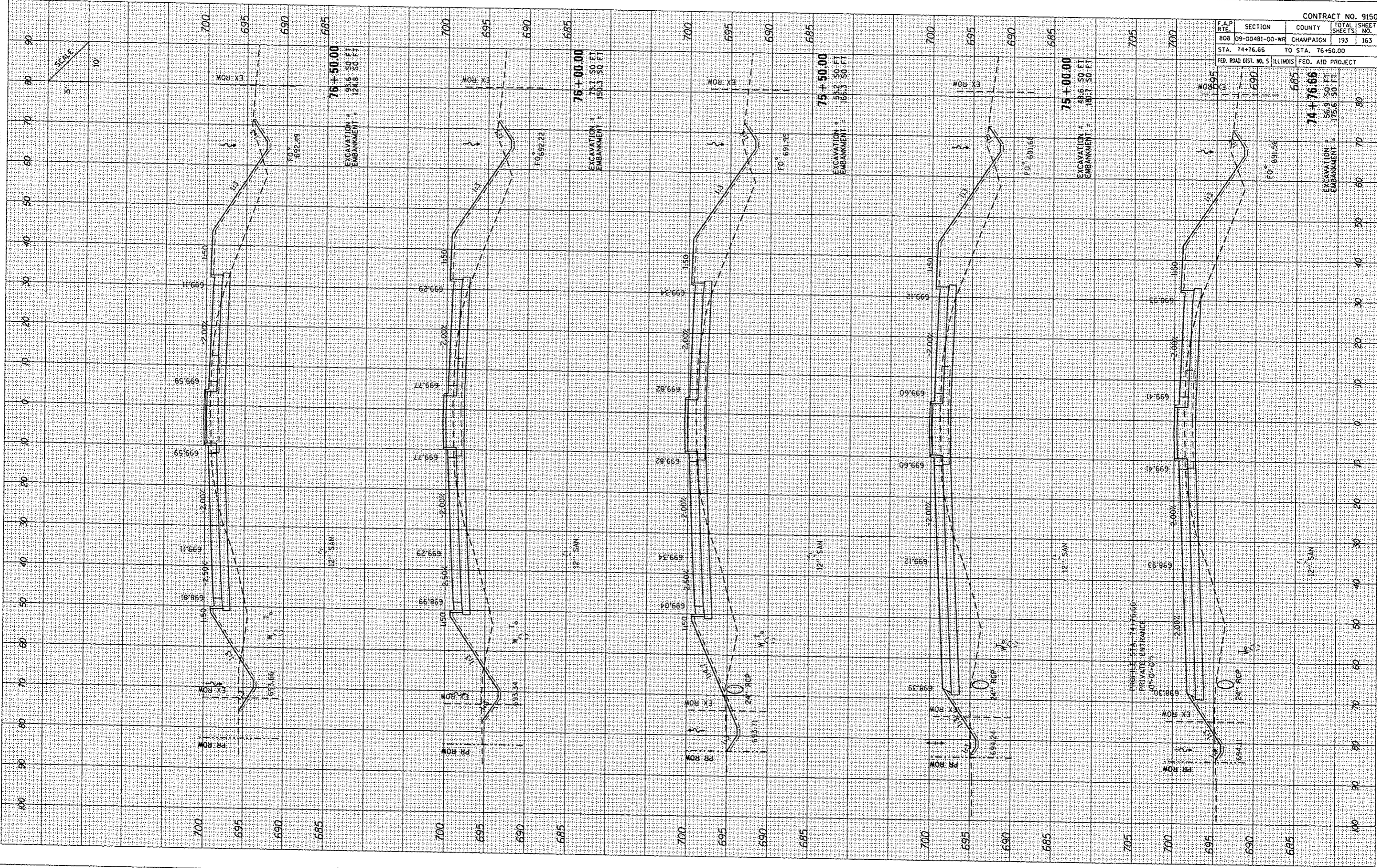


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	163
STA. 74+76.66		TO STA. 76+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NOTED BOOK	BY
REVISIONS	
NO.	

ORIGINAL SURVEY	DATE
NOTED BOOK	BY
REVISIONS	
NO.	

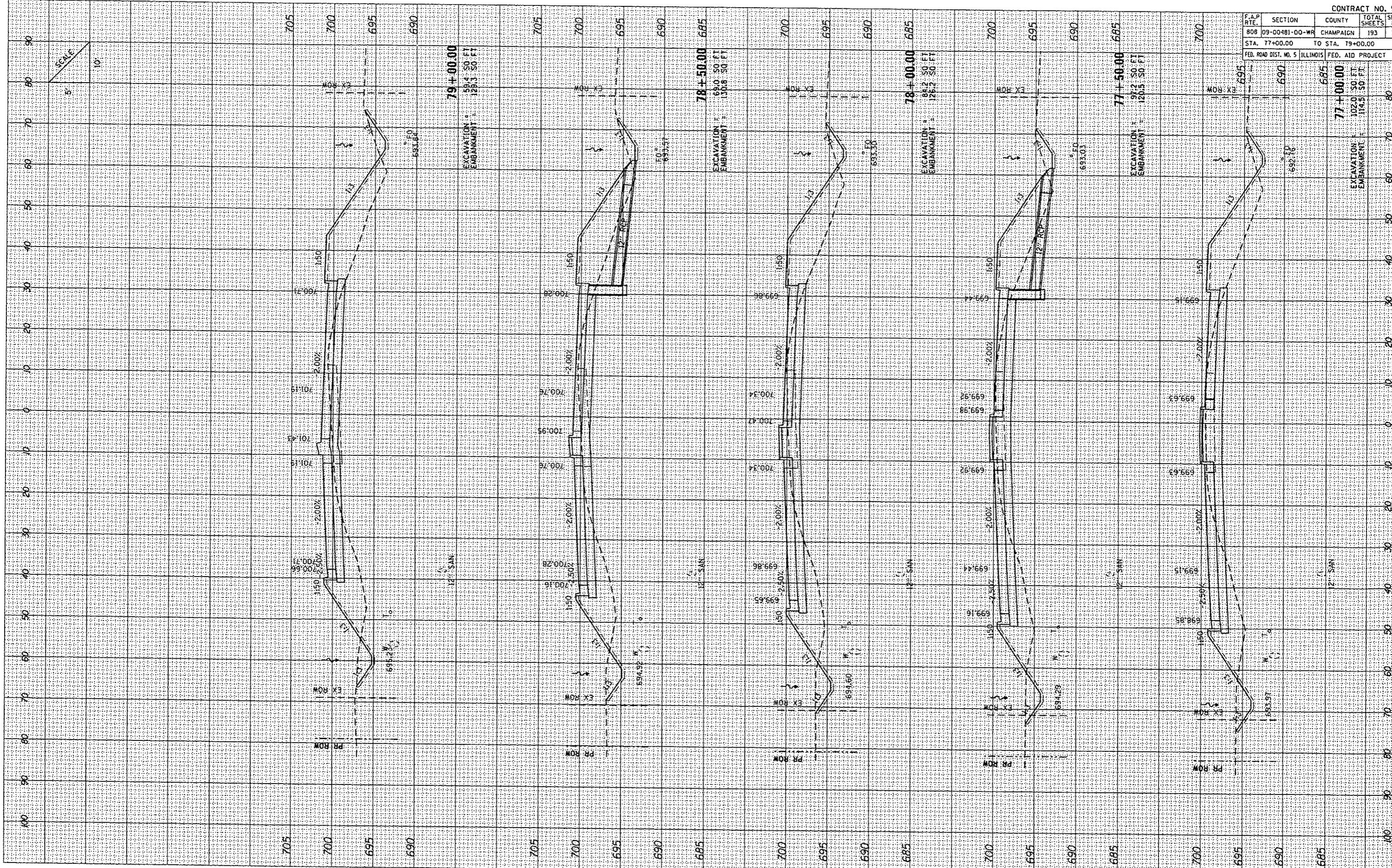
PLOT DATE: 12/27/2013
 FILE NAME: L:\Projects\12081-88\Drawings\91506.dwg
 PLOT SCALE: 1"=40.00'
 USER NAME: MURPHY



FINAL SURVEY	DATE
REVISION	
NO. BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	

ORIGINAL SURVEY	DATE
REVISION	
NO. BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	

PLOT DATE: 12/1/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: MUSEYR
 PLOT SCALE: 1"=40.00'
 USER NAME: MUSEYR



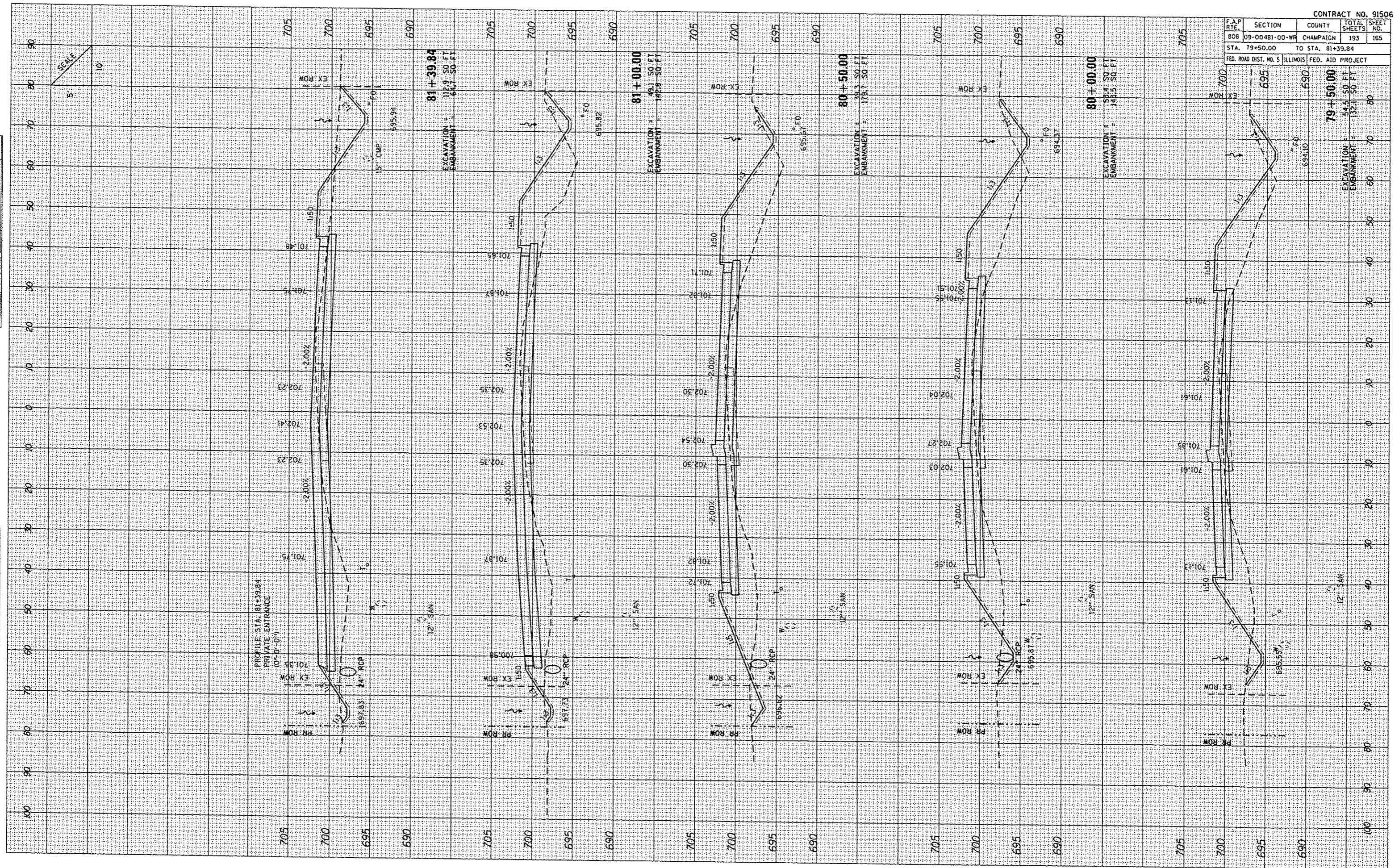
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	164
STA. 77+00.00	TO STA. 79+00.00			
FED. ROAD DIST. NO. 5 ILLINOIS		FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB	09-00481-00-WR	CHAMPAIGN	193	165
STA. 79+50.00		TO STA. 81+39.84		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

DATE	
BT	
NO.	
AREAS CHECKED	
AREAS	
PLOTTED	
SURVEYED	
FINN	

DATE	
BT	
NO.	
AREAS CHECKED	
AREAS	
PLOTTED	
SURVEYED	
ORIGINAL	

PLOT DATE: 12/17/2013
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 PLOT SCALE: 1"=50'
 USER NAME: HUSBR

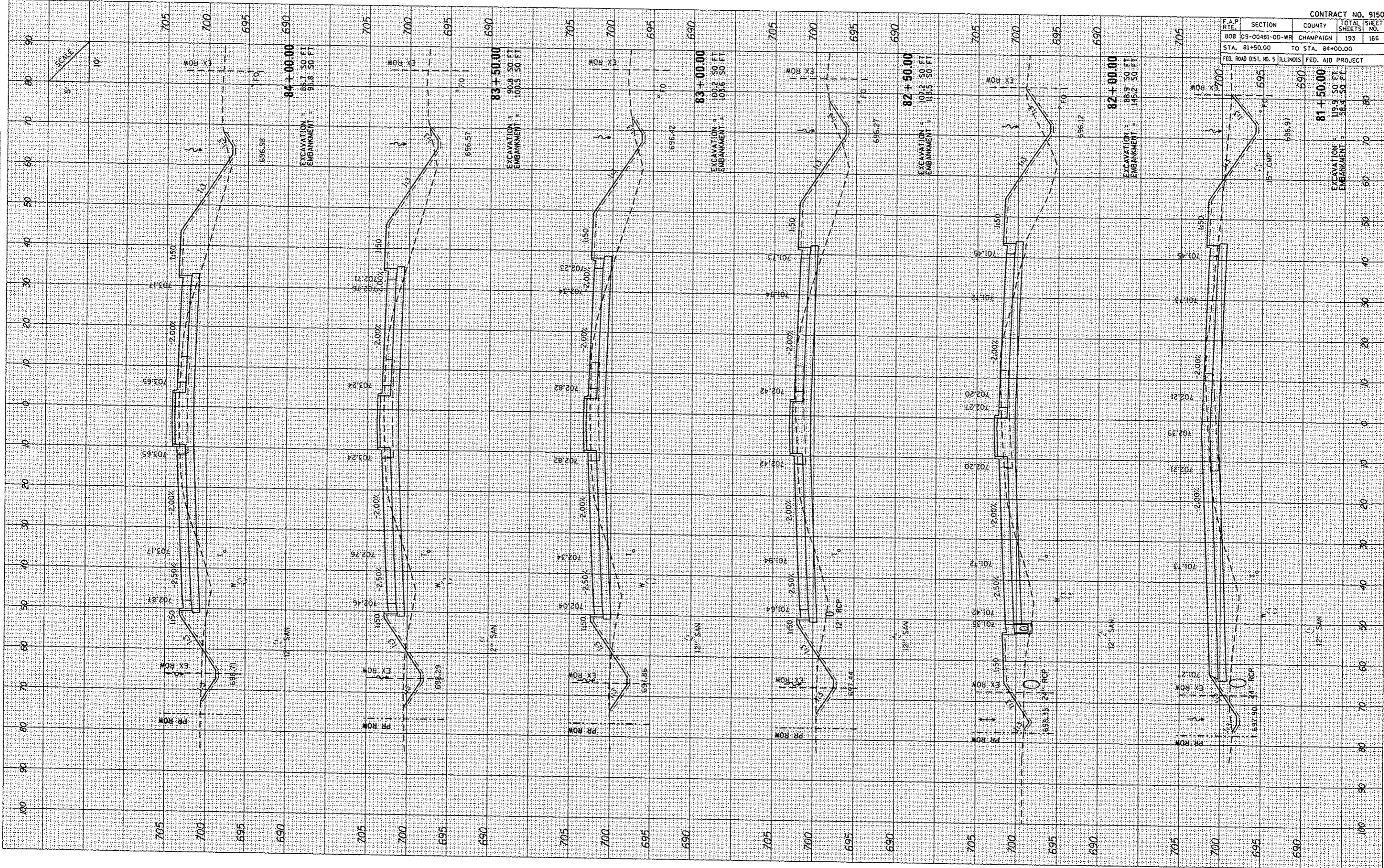


PLOT DATE: 12/01/2013
 PLOT SCALE: 1"=40.0'
 USER NAME: BSCALER

ORIGINAL SURVEYED
 SURVEY PLOT TO
 PLOT SCALE: 1"=40.0'
 USER NAME: BSCALER

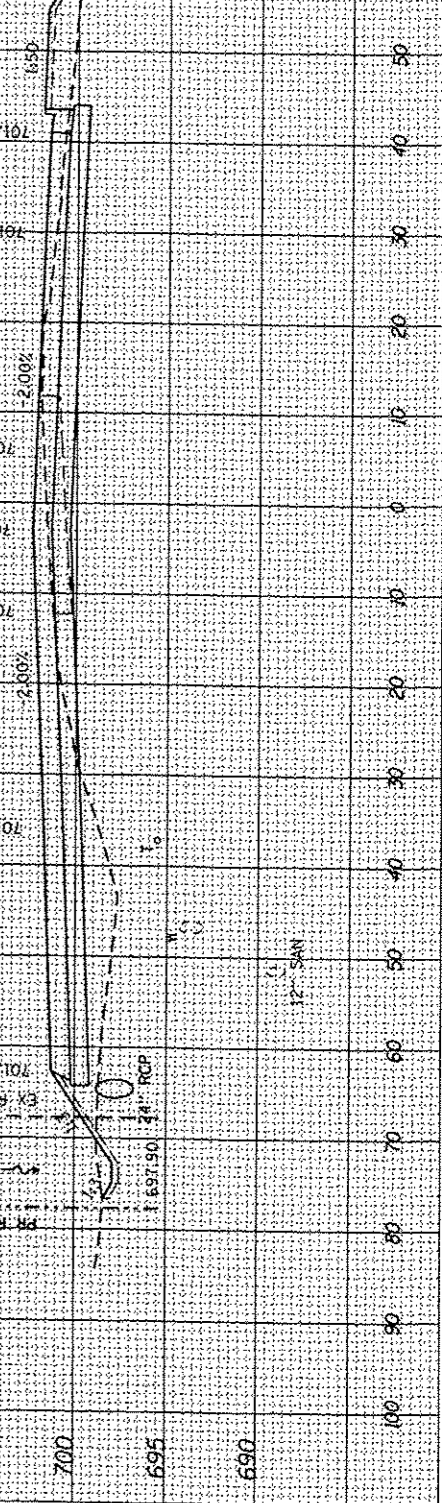
BT DATE
 NO.

FINAL SURVEY
 PLOT TO
 PLOT SCALE: 1"=40.0'
 USER NAME: BSCALER



F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	166
STA. 81+50.00		TO STA. 84+00.00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

84+00.00		83+50.00		83+00.00		82+50.00		82+00.00	
EXCAVATION	EMBANKMENT	EXCAVATION	EMBANKMENT	EXCAVATION	EMBANKMENT	EXCAVATION	EMBANKMENT	EXCAVATION	EMBANKMENT
86.1 50 FT	95.8 50 FT	90.8 50 FT	100.5 50 FT	100.2 50 FT	109.6 50 FT	107.8 50 FT	116.5 50 FT	98.9 50 FT	146.2 50 FT



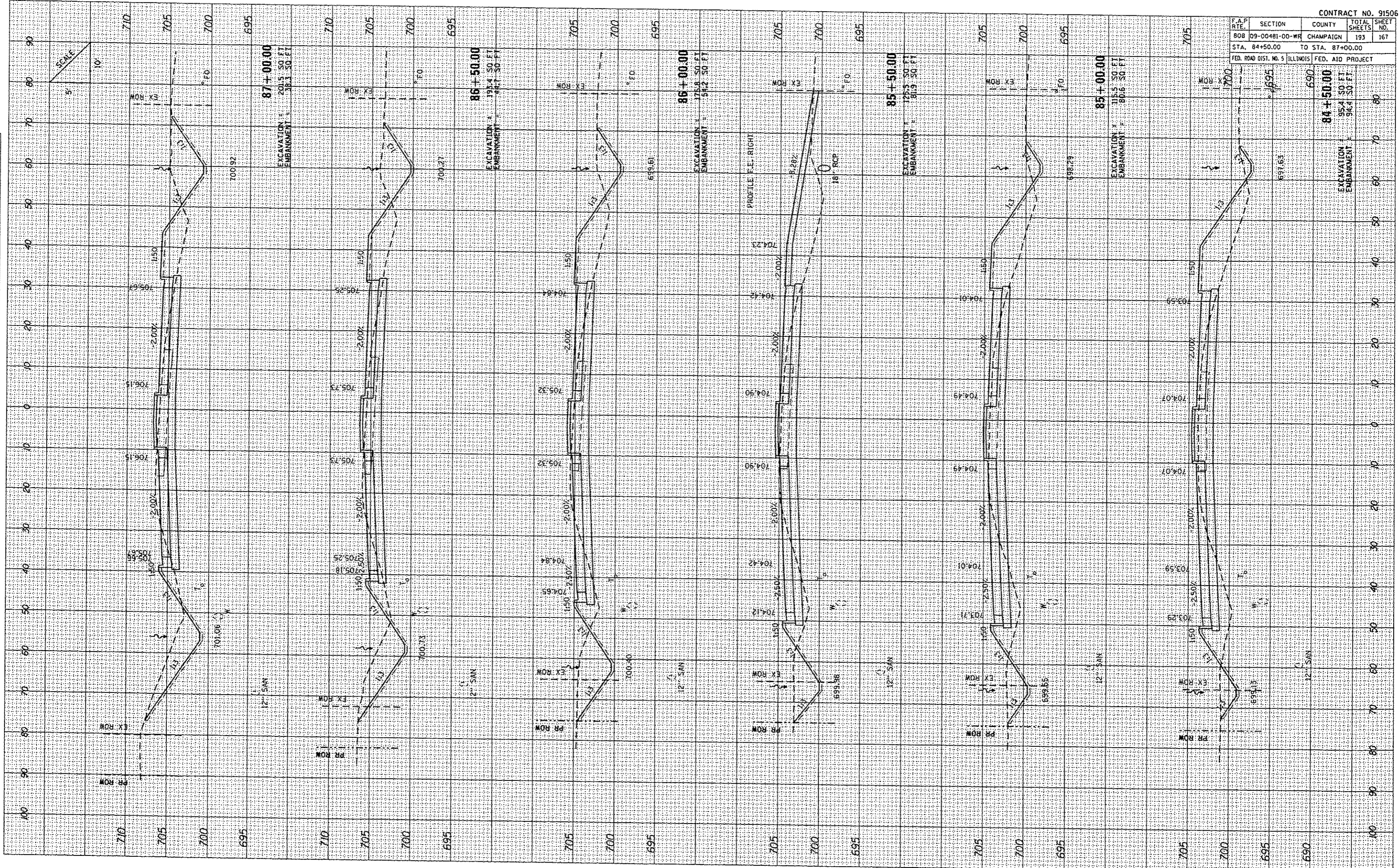
CROSS SECTIONS: IL ROUTE 130

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BOB	09-00481-00-WR	CHAMPAIGN	193	167
STA. 84+50.00		TO STA. 87+00.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE: 12/1/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: MUSERA

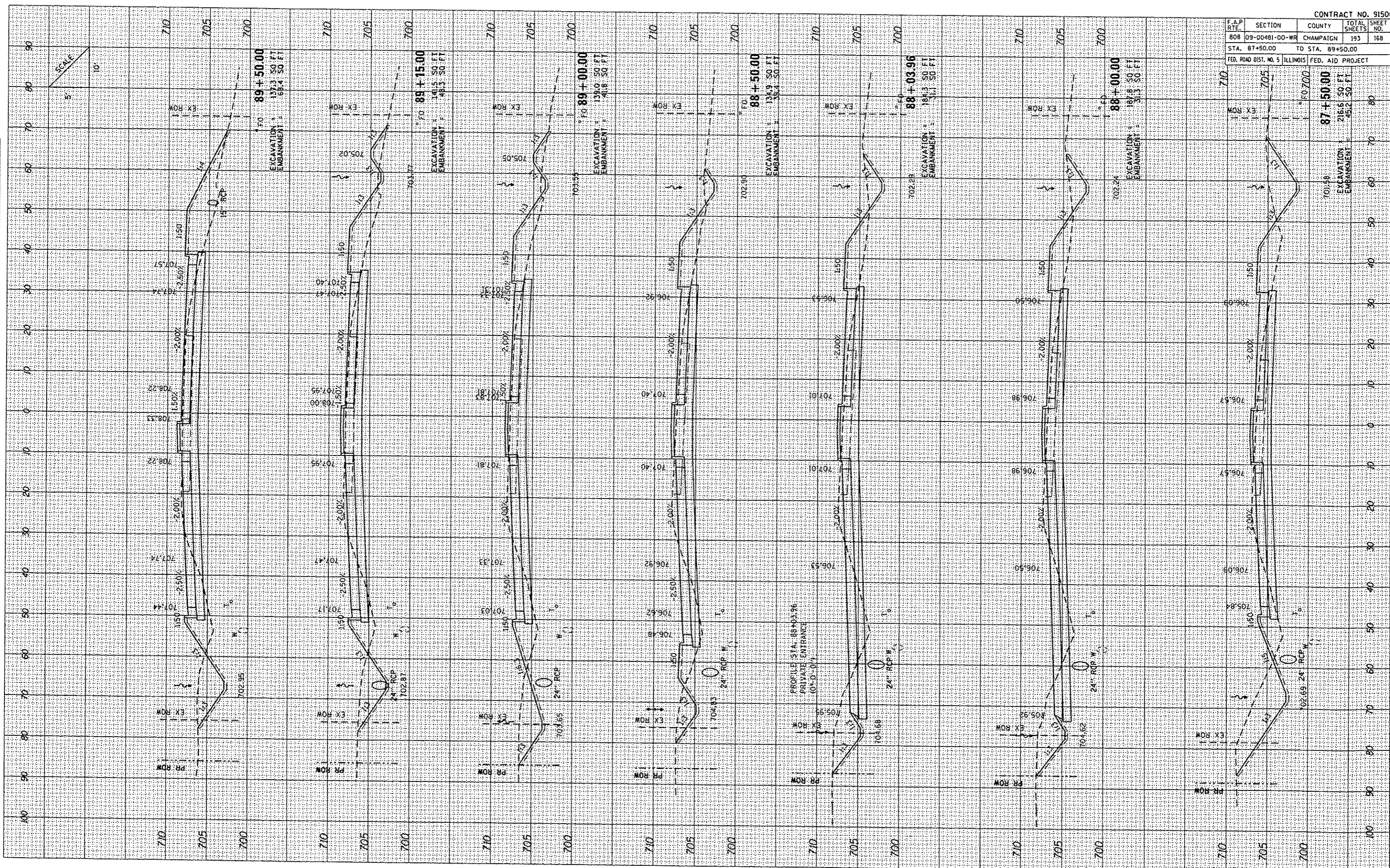


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	168
STA. 87+50.00		TO STA. 89+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE: 12/12/2013
 USER: LUCAS
 USER NAME: LUCAS

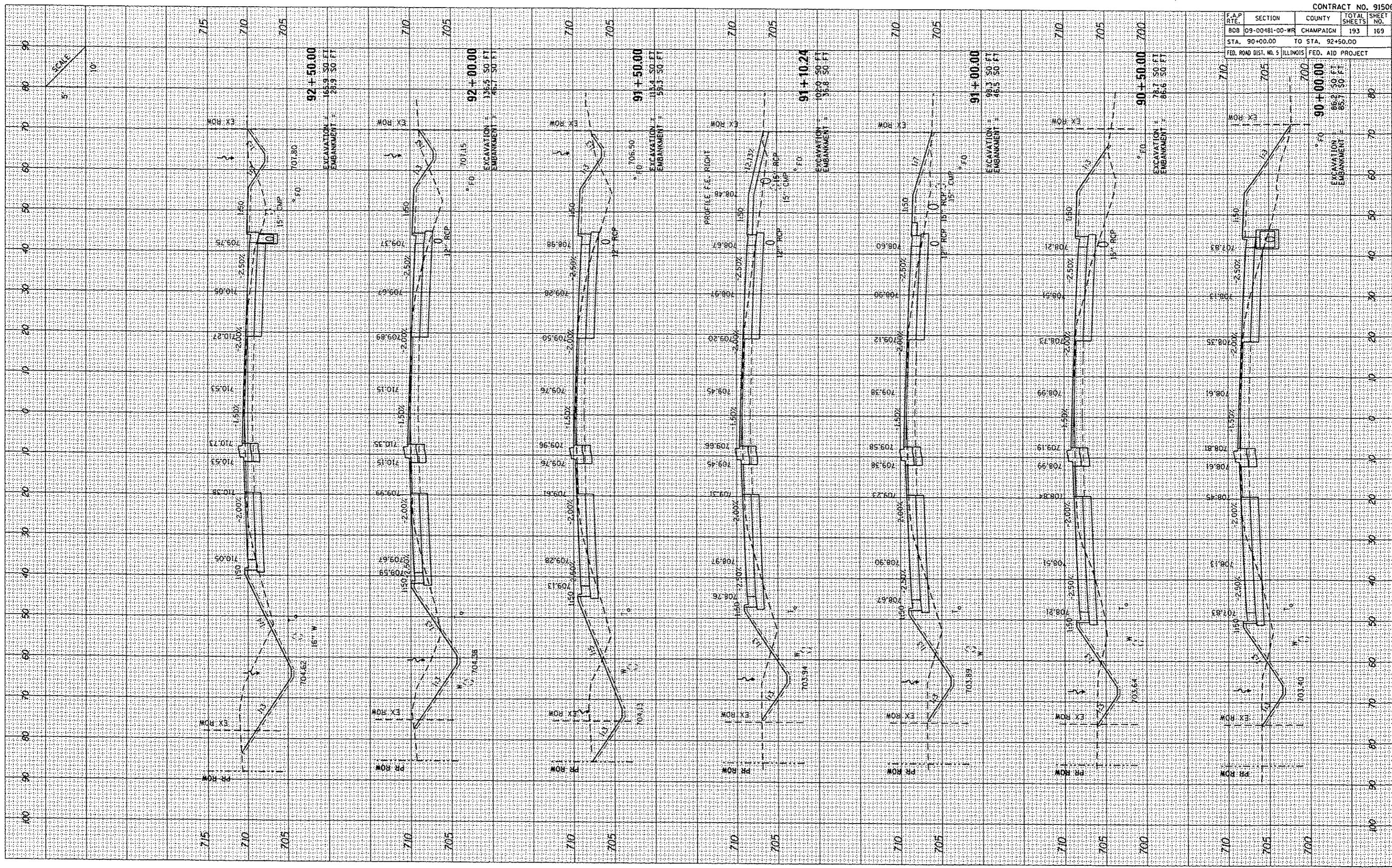


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	169
STA. 90+00.00		TO STA. 92+50.00		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	

FINAL SHEET	DATE

ORIGINAL SHEET	DATE

PLOT DATE: 12/7/2013
 FILE NAME: L:\Users\12001-88\p\12001-88\91506\91506.dwg
 PLOT SCALE: 1"=40'
 USER NAME: MCGRAW

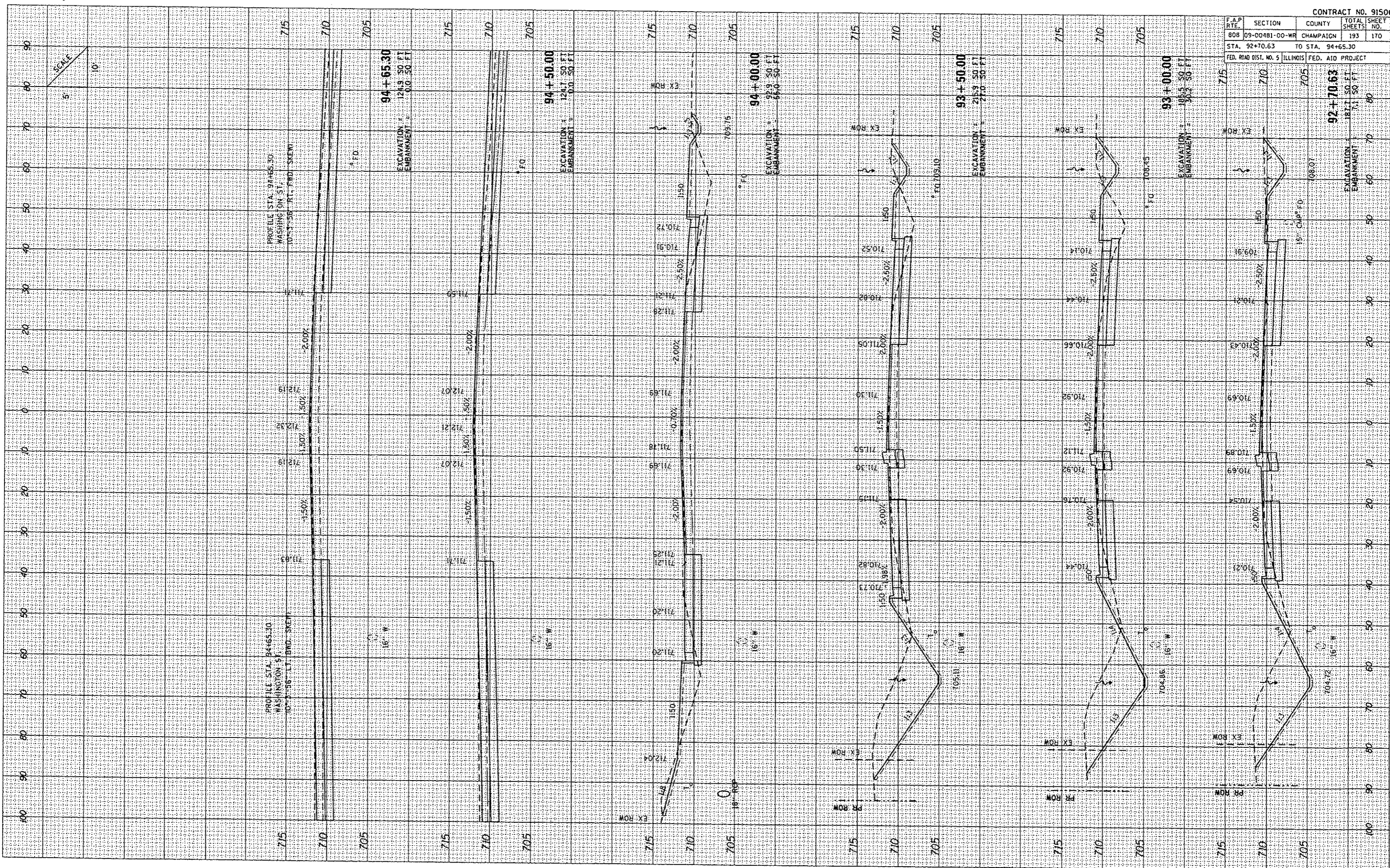


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193
STA. 92+70.63		TO STA. 94+65.30	170
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT			

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPERATURE		
AREAS		
EXCEED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPERATURE		
AREAS		
EXCEED		

PLOT DATE: 12/02/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: RUSHER

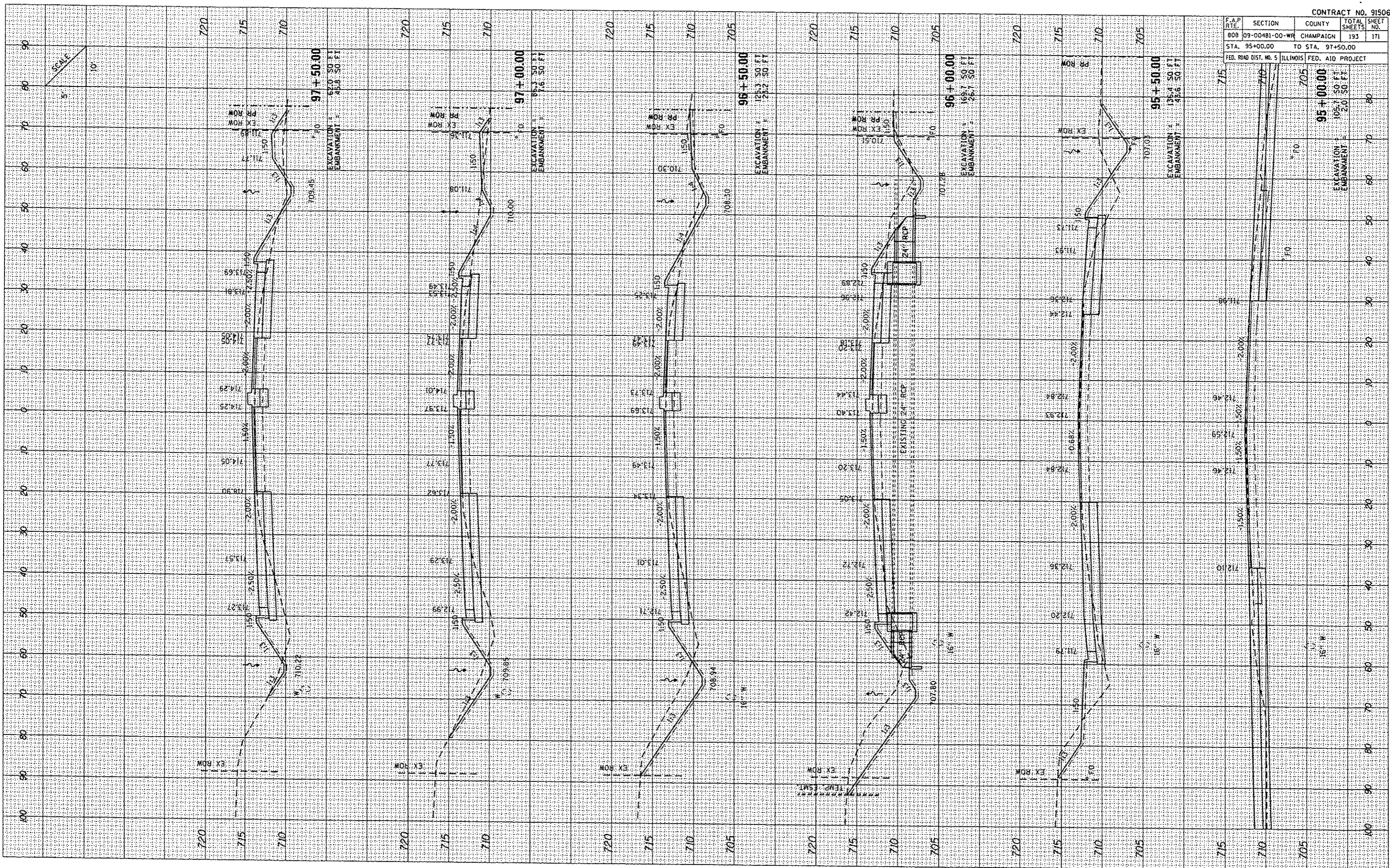


F.A.P. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	171
STA. 95+00.00		TO STA. 97+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS			FED. AID PROJECT	

NO.	DATE	BY

NO.	DATE	BY

PLOT DATE: 12/9/2013
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: MUSER
 USER ID: 1000



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	172
STA. 98+00.00		TO STA. 100+94.43		
FED. ROAD DIST. NO. 5 ILLINOIS			FED. AID PROJECT	

DATE: _____ BY: _____

FINAL SURVEY: _____

EXCISED AREAS: _____

NOTES: _____

NO. _____

DATE: _____ BY: _____

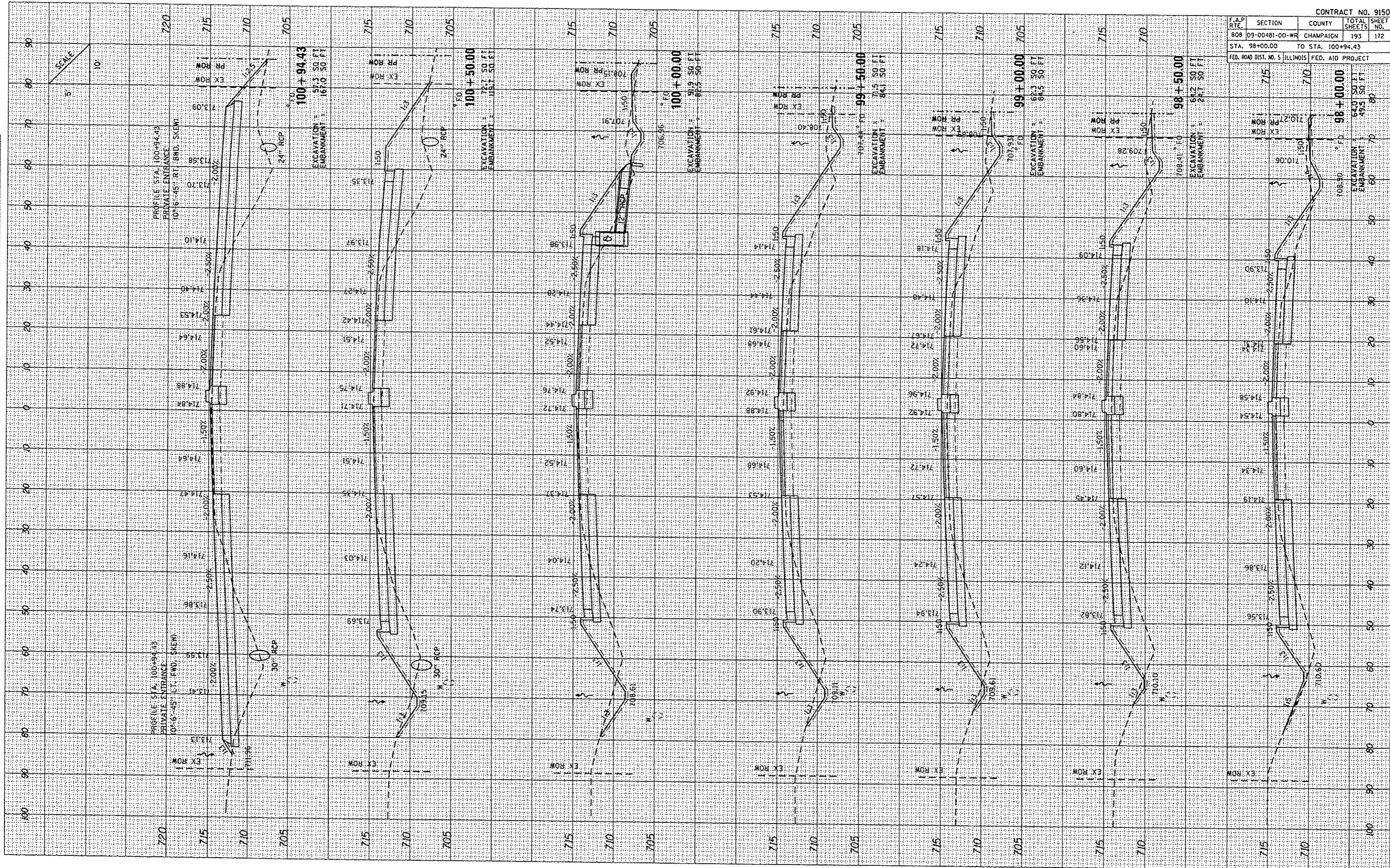
ORIGINAL SURVEY: _____

EXCISED AREAS: _____

NOTES: _____

NO. _____

PLOT DATE: 12/7/2013
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 USER NAME: USERA

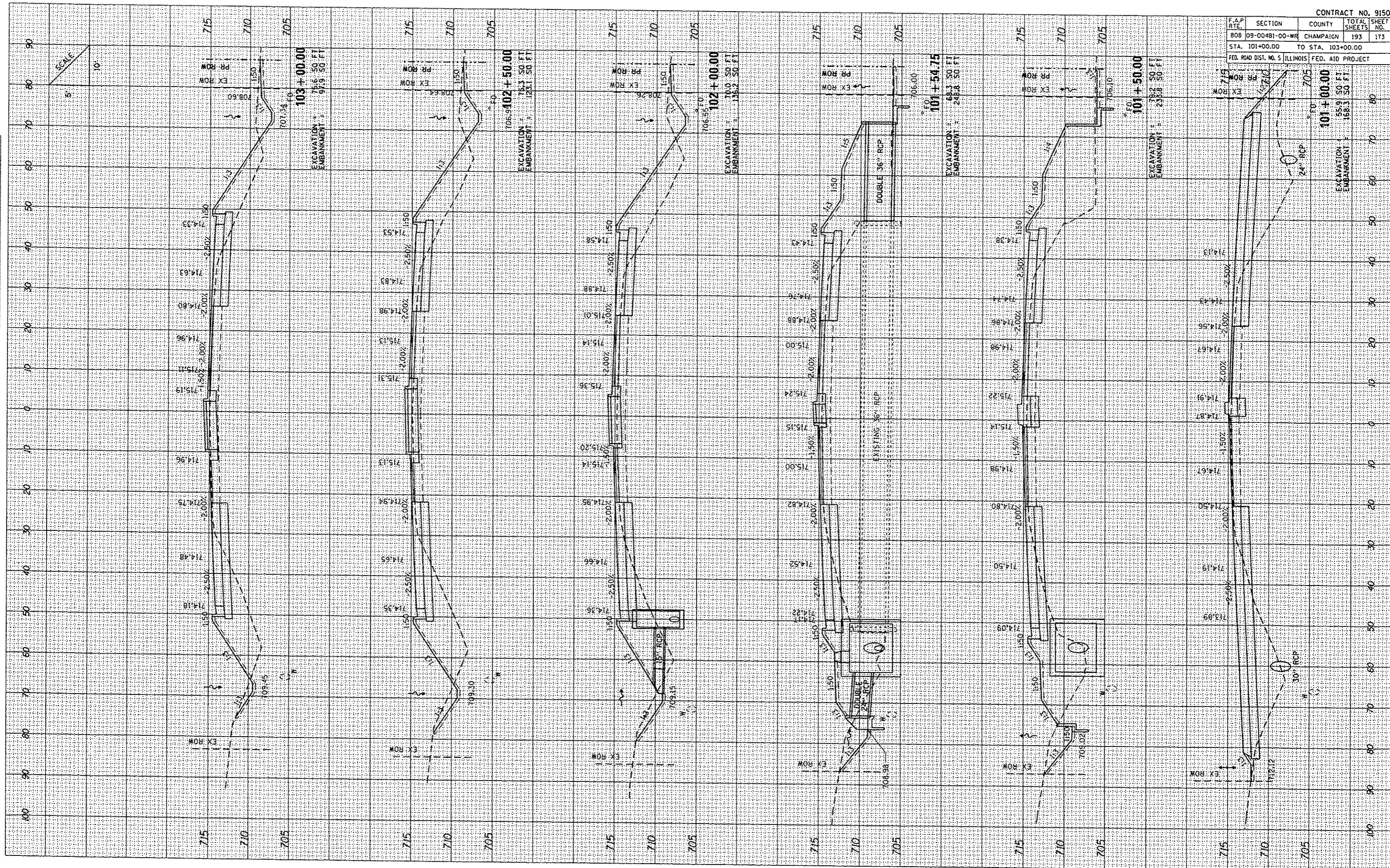


F.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	173
STA. 101+00.00		TO STA. 103+00.00		
FED. ROAD DIST. NO. 5		ILLINOIS		FED. AID PROJECT

DATE	BY

DATE	BY

PLOT DATE: 12/14/2013
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 SCALE: 1"=40'
 USER NAME: MUSENY

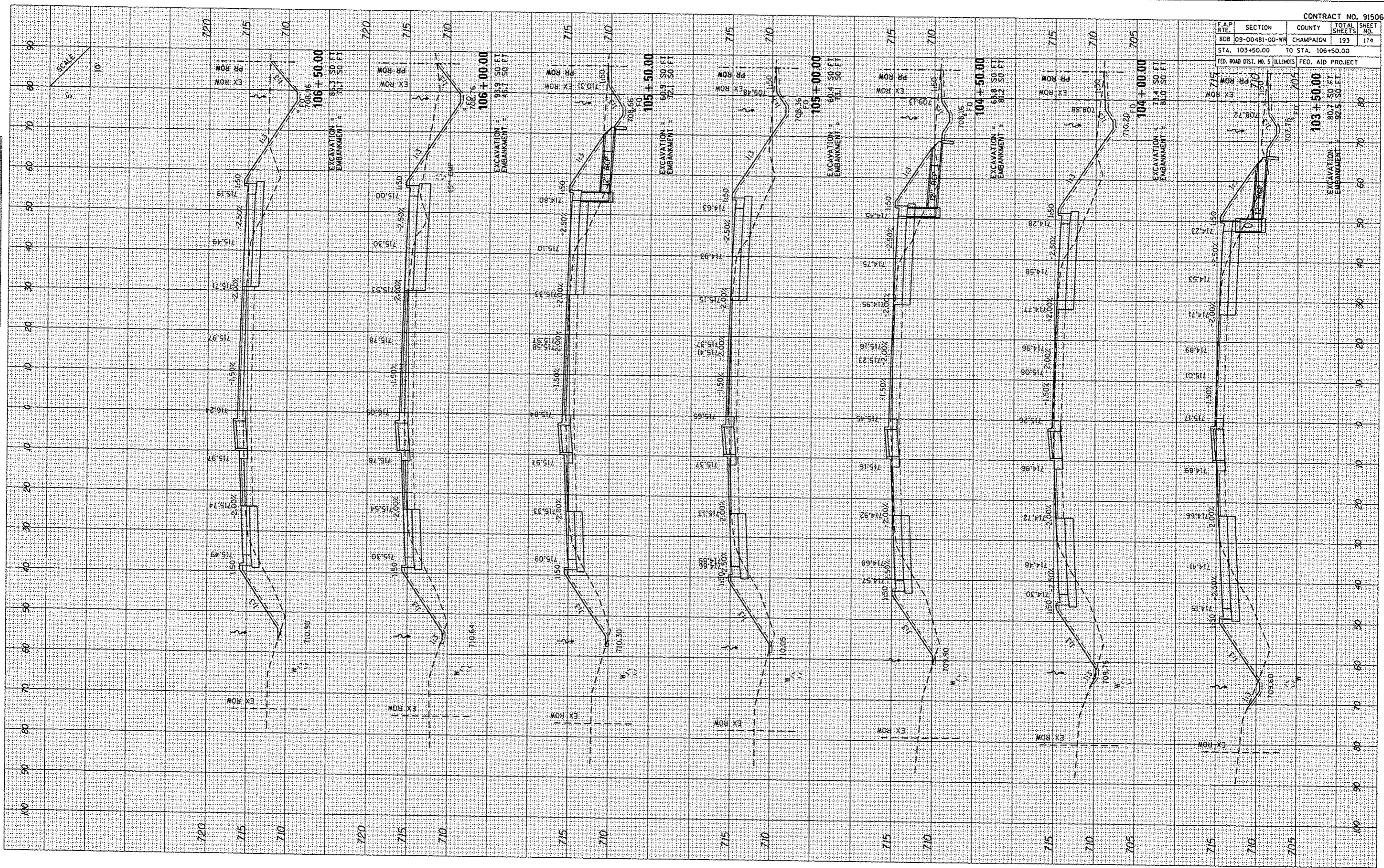


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80B	09-00481-00-WR	CHAMPAIGN	193	174
STA. 103+50.00		TO STA. 106+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

BY	DATE
ENR	
SURF	
NOTE	
AREA	
REVISION	

BY	DATE
ENR	
SURF	
NOTE	
AREA	
REVISION	

PLOT DATE: 12/4/2013
 FILE NAME: L:\Users\N12081-00\Drawings\91506\91506-174.dwg
 USER NAME: N12081-00
 AREA RECEIVED: []

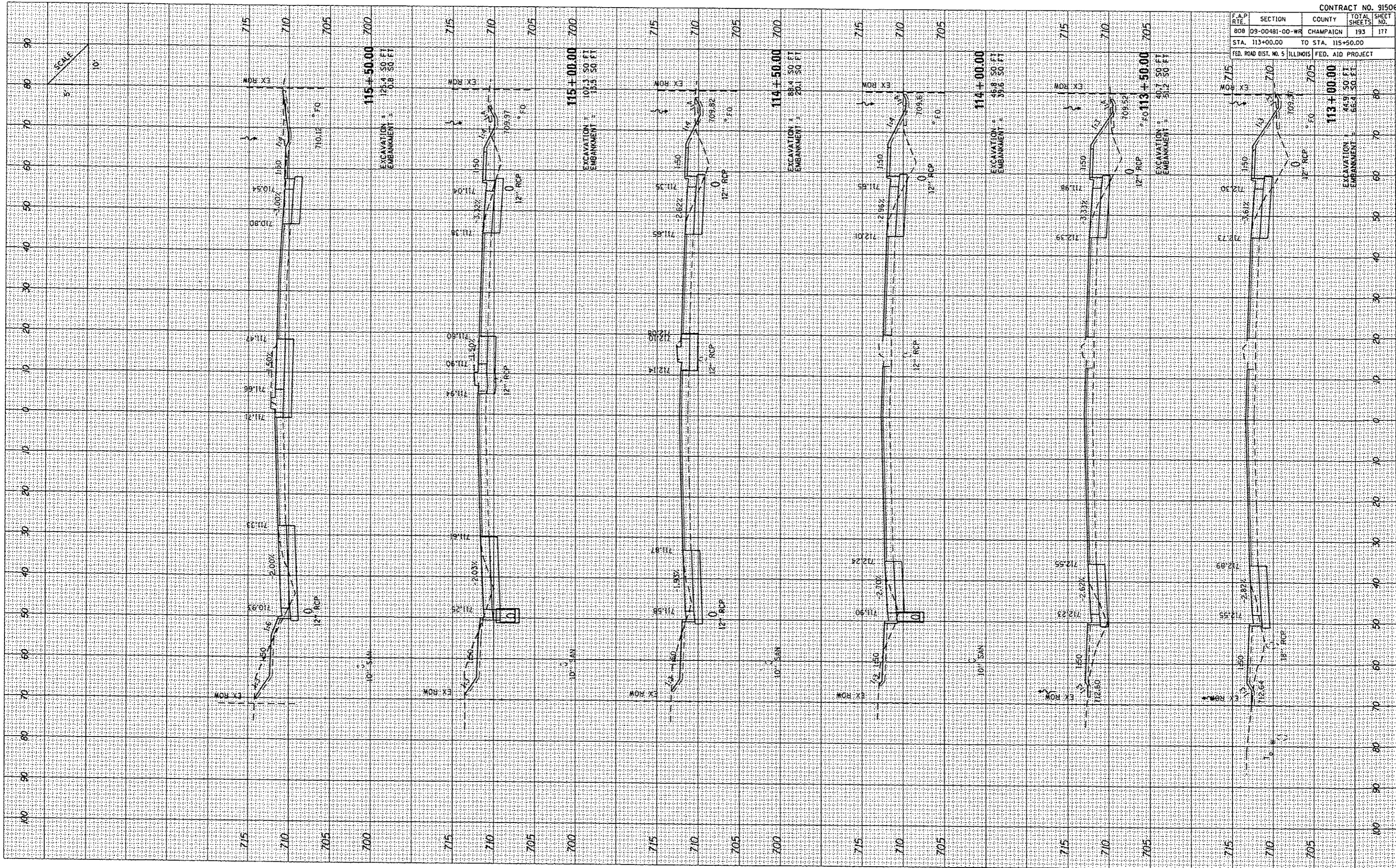


F.A.P. SITE	SECTION	COUNTY	TOTAL SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193
STA. 113+00.00		TO STA. 115+50.00	
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT

FINAL SURVEY	BY	DATE
NO.		
REVISED		
PLOTTED		
TEMPERATURE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NO.		
REVISED		
PLOTTED		
TEMPERATURE		
AREAS		
AREAS CHECKED		

PLOT DATE: 12/1/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: RUSBER

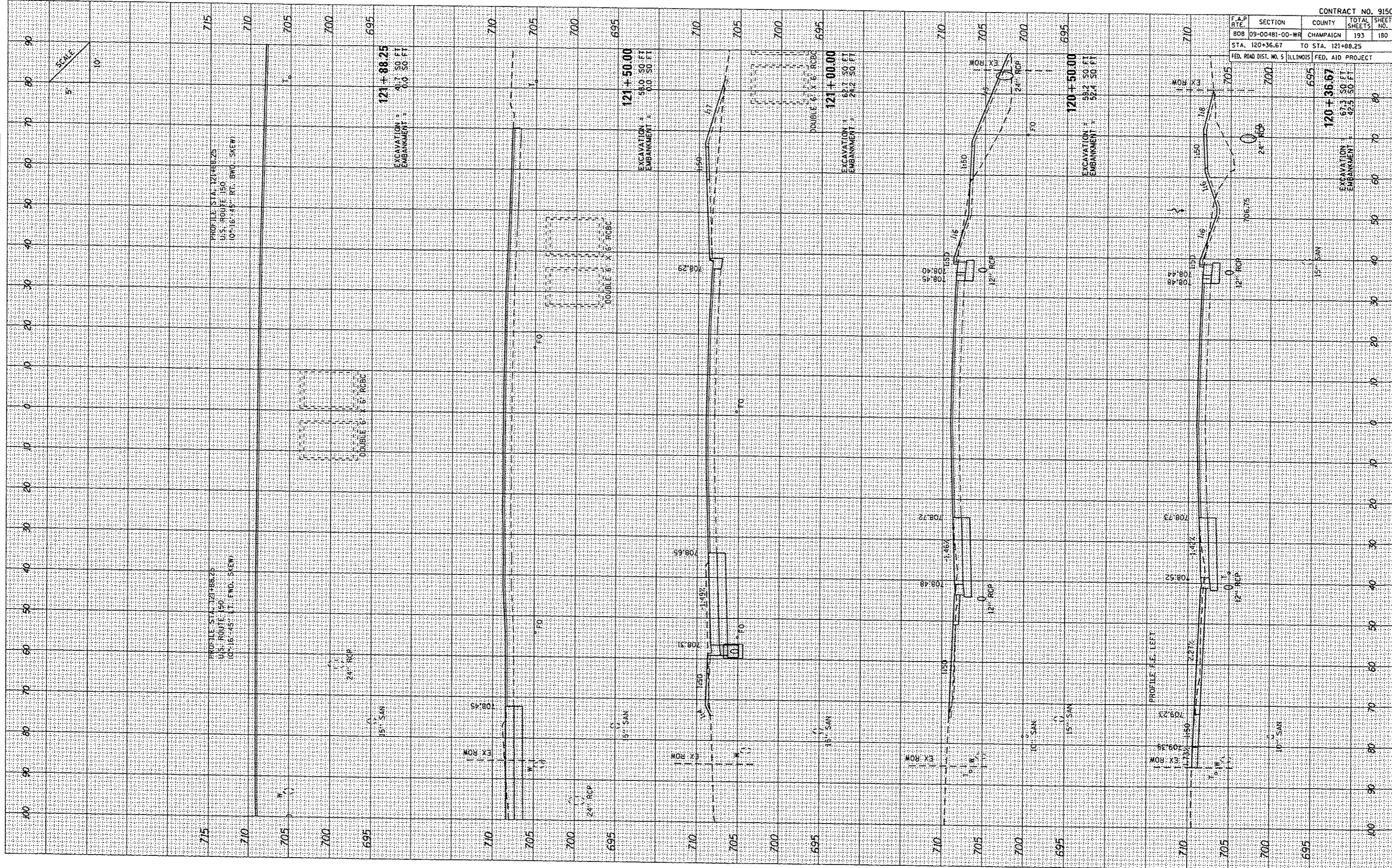


F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B08	09-00481-00-WR	CHAMPAIGN	193	180
STA. 120+36.67		TO STA. 121+88.25		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
STARTED	
NOTE BOOK	
DATE CHECKED	

ORIGINAL SURVEY	DATE
COMPILED	
DATE	
DATE CHECKED	

PLOT DATE: 12/19/2013
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 USER NAME: j12881
 PLOTTER: HP DesignJet 5000

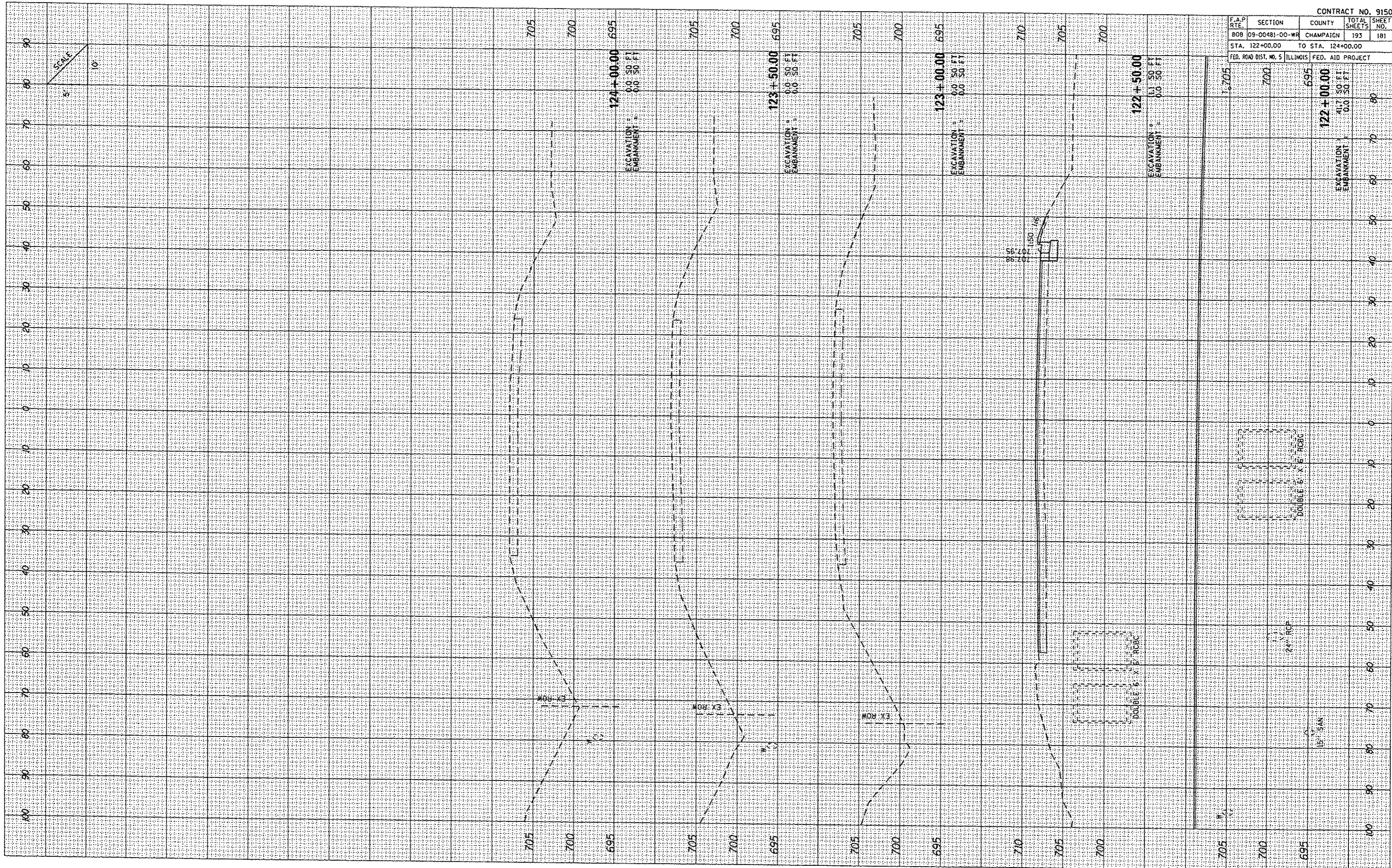


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 CHECKED BY: []
 USER NAME: []
 NO. []

FINAL SORTED
 SORTED PLOTTED
 CHECKED BY: []
 USER NAME: []
 NO. []

DATE []
 BT []



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B08	09-00481-00-WR	CHAMPAIGN	193	181
STA. 122+00.00		TO STA. 124+00.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

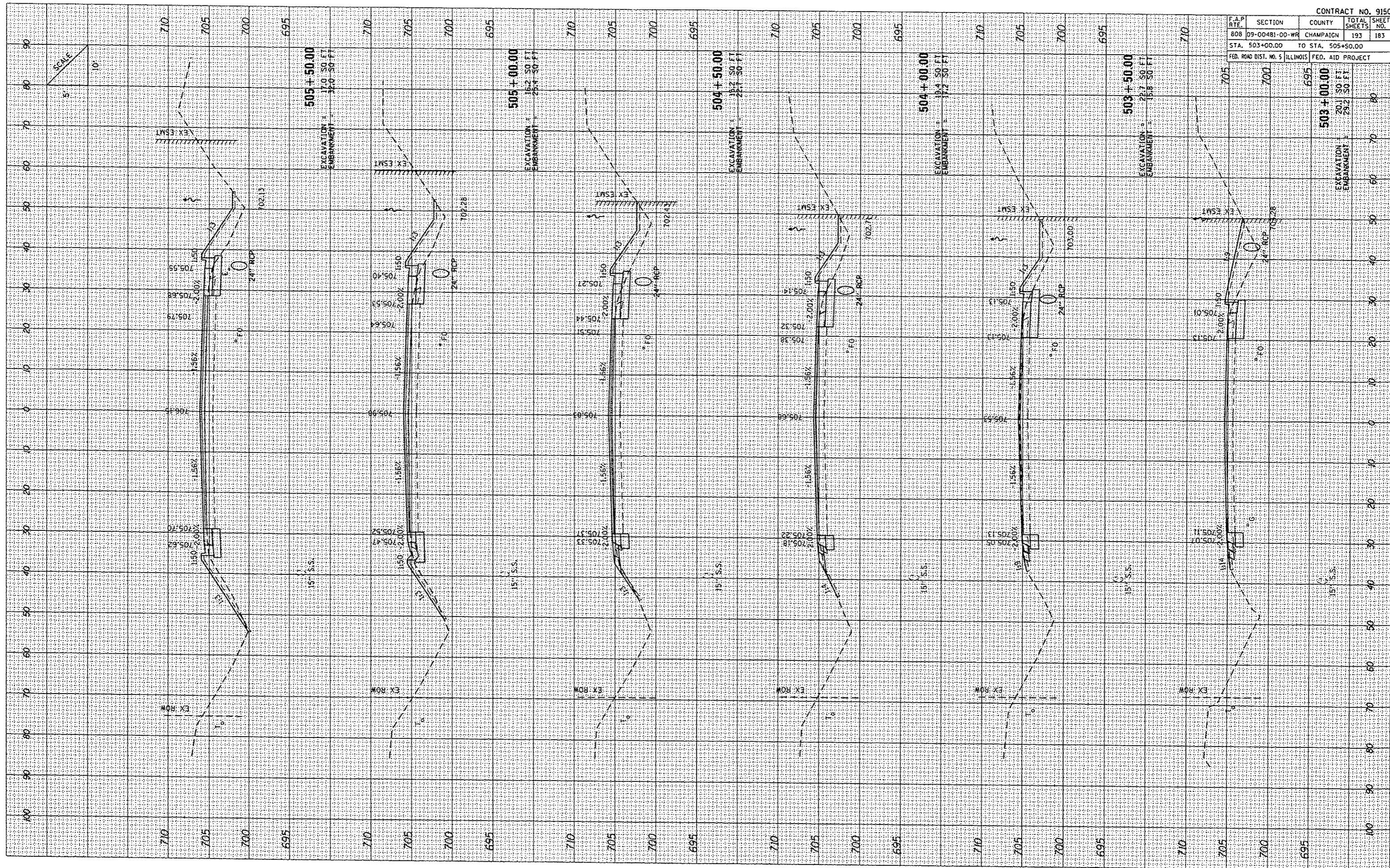
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	183
STA. 503+00.00		TO STA. 505+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
BY	
DATE	

ORIGINAL SURVEY	DATE
BY	
DATE	

PLOT DATE: 12/17/2013
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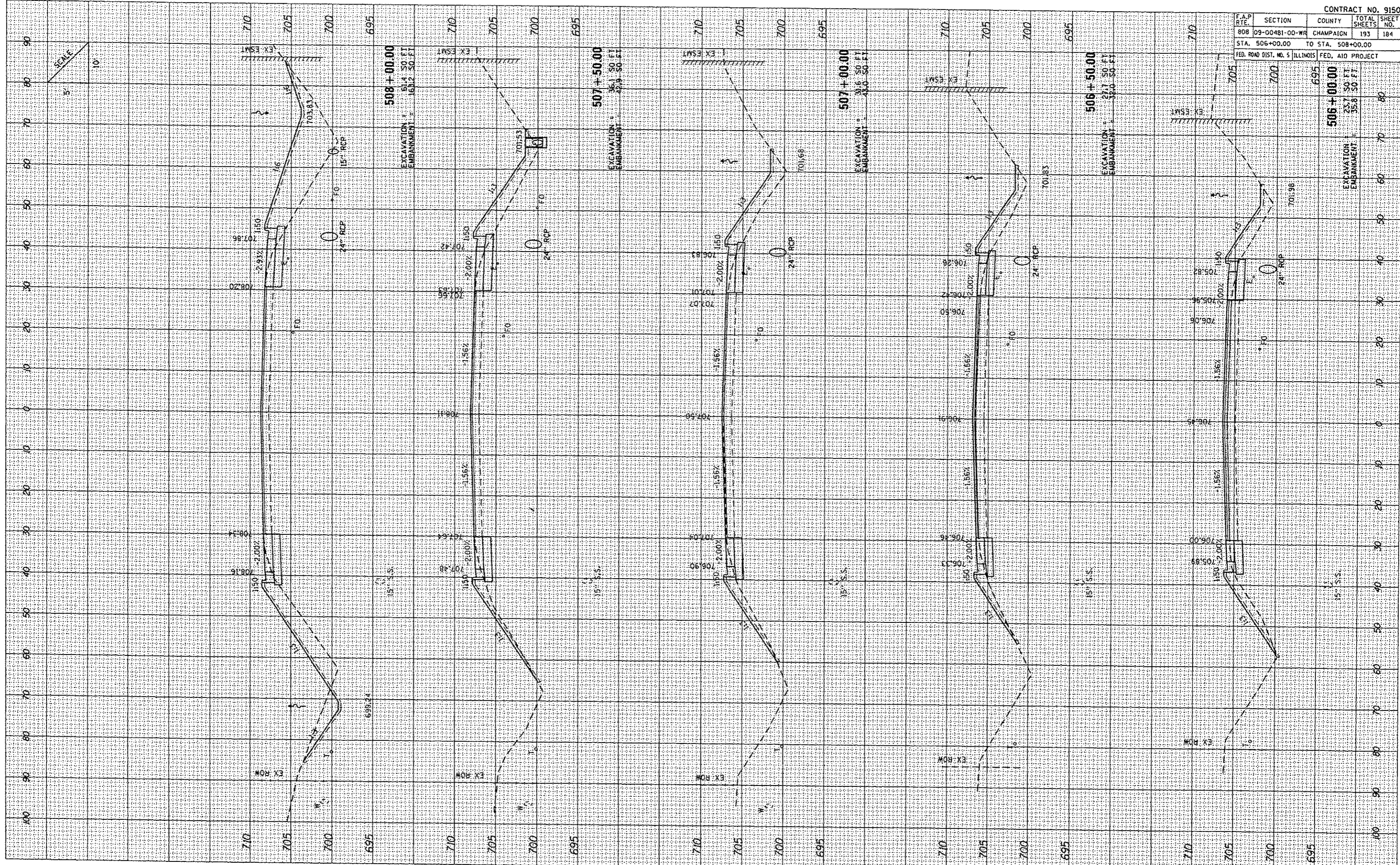
CROSS SECTIONS: US ROUTE 150

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	184
STA. 506+00.00		TO STA. 508+00.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NOTED		
NOTED		
NOTED		
NOTED		
NOTED		

ORIGINAL SURVEY	BY	DATE
NOTED		
NOTED		
NOTED		
NOTED		
NOTED		

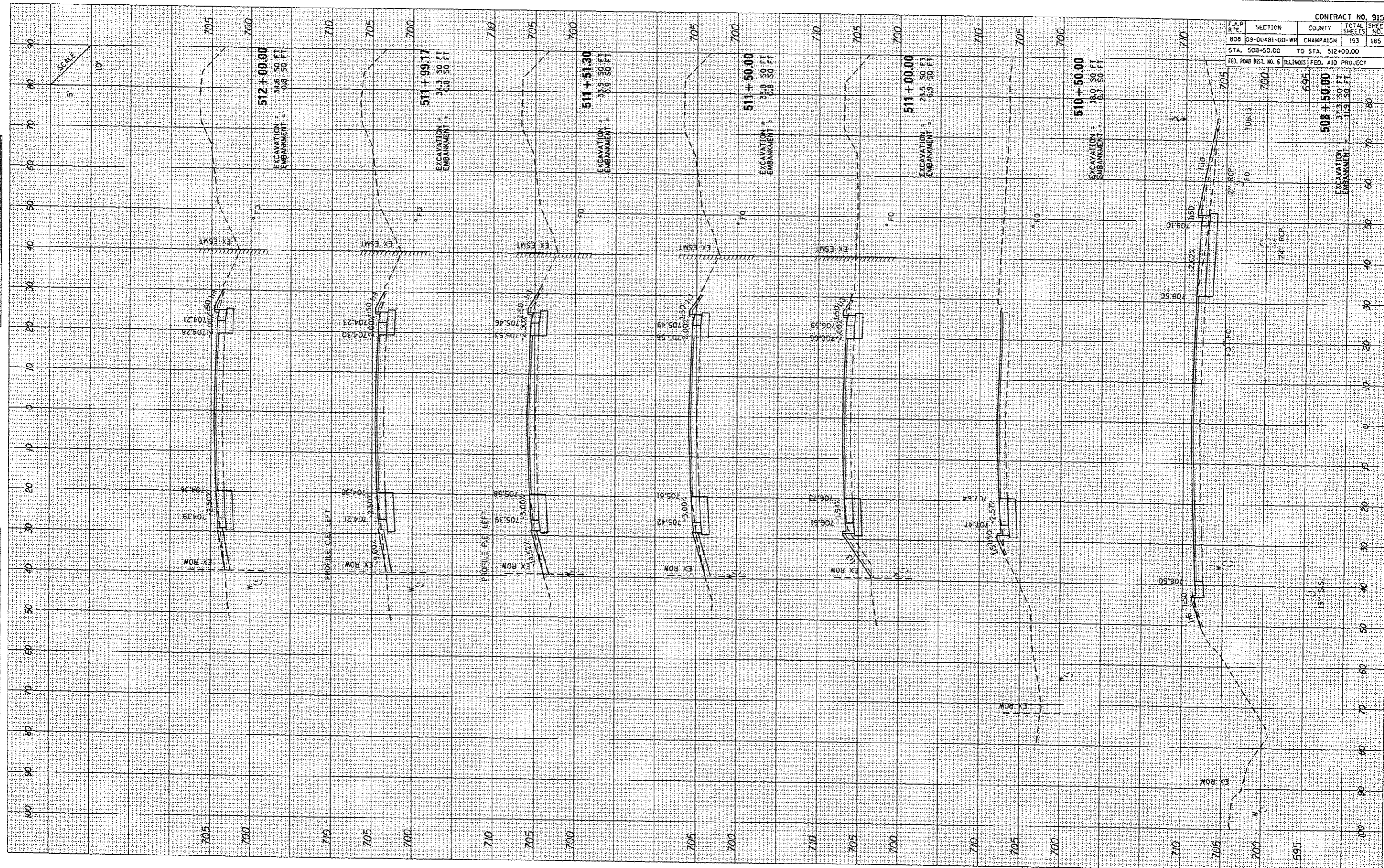
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 USER NAME: RUSBYN



DATE	BY
STARTED	DATE
PLOTTED	DATE
NOTED	DATE
AREAS	DATE
CHECKED	DATE

DATE	BY
STARTED	DATE
PLOTTED	DATE
NOTED	DATE
AREAS	DATE
CHECKED	DATE

PLOT DATE: 12/4/2013
 FILE NAME: L:\Projects\12001-88\Drawings\CD\CD-12001-88-1111.dwg
 PLOT SCALE: 1"=50'-0"
 USER NAME: BUSEYR



CONTRACT NO. 91506			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
BOB	09-00481-00-WR	CHAMPAIGN	193
STA. 508+50.00		TO STA. 512+00.00	
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT			

508+50.00	EXCAVATION	37.5	50	FT.
	EMBANKMENT	11.5	50	FT.
695				

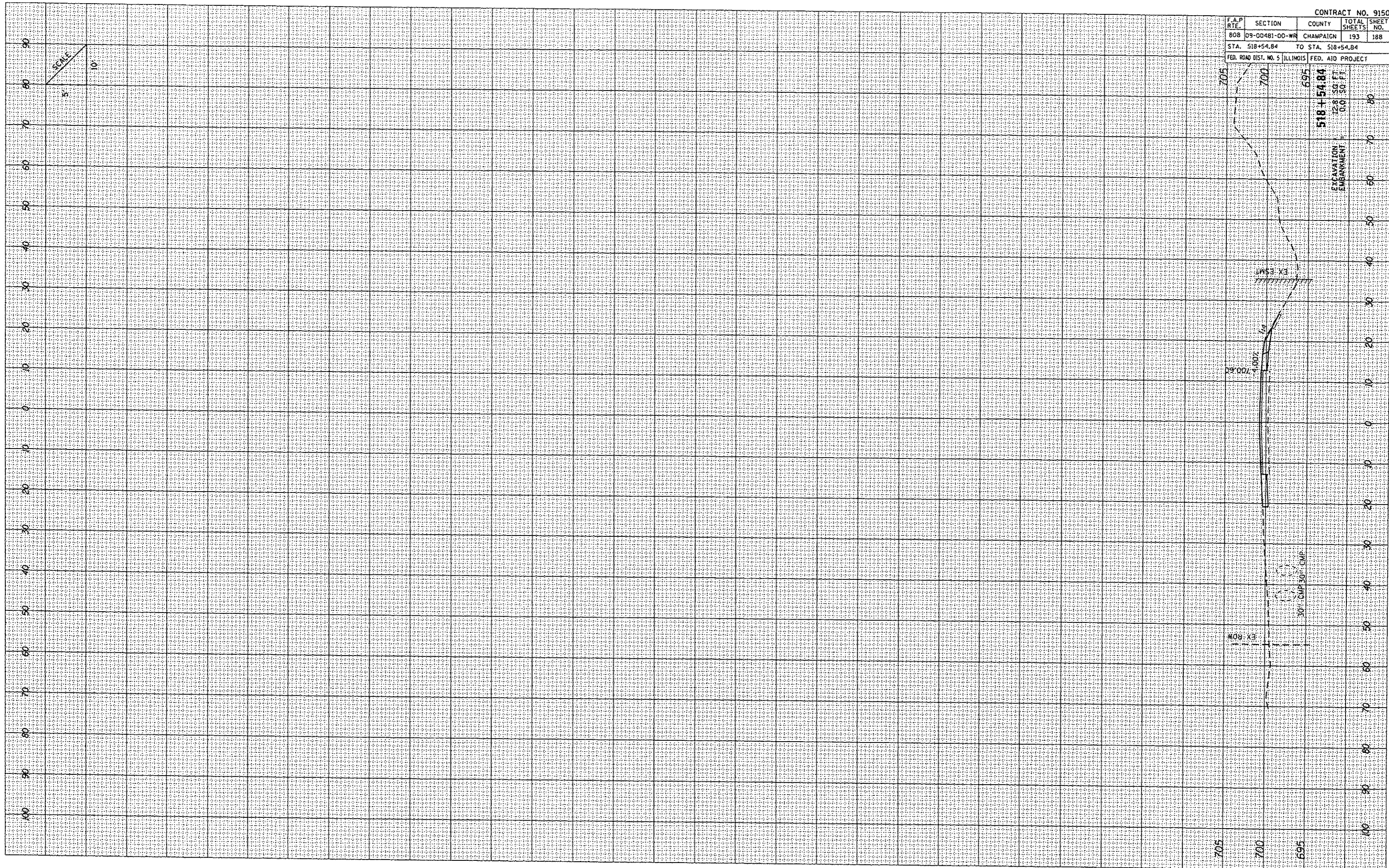
CROSS SECTIONS: US ROUTE 150

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	188
STA. 518+54.84 TO STA. 518+54.84				
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO.	

ORIGINAL SURVEY	DATE
NO.	

PLOT DATE : 12/12/2013
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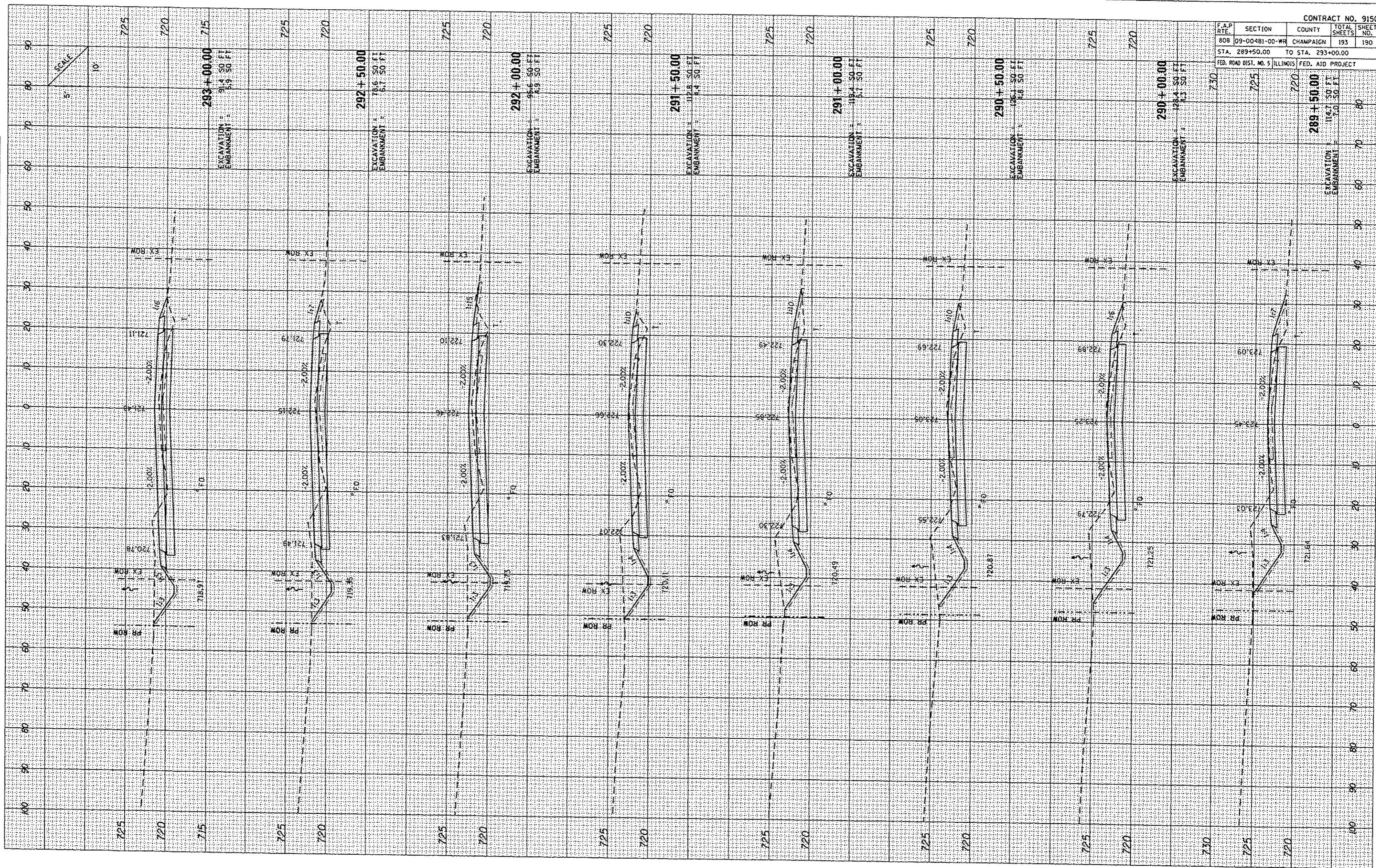


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	190
STA. 289+50.00		TO STA. 293+00.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE

ORIGINAL SURVEY	DATE

PLOT DATE: 12/19/2013
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 USER NAME: E. BUSBY



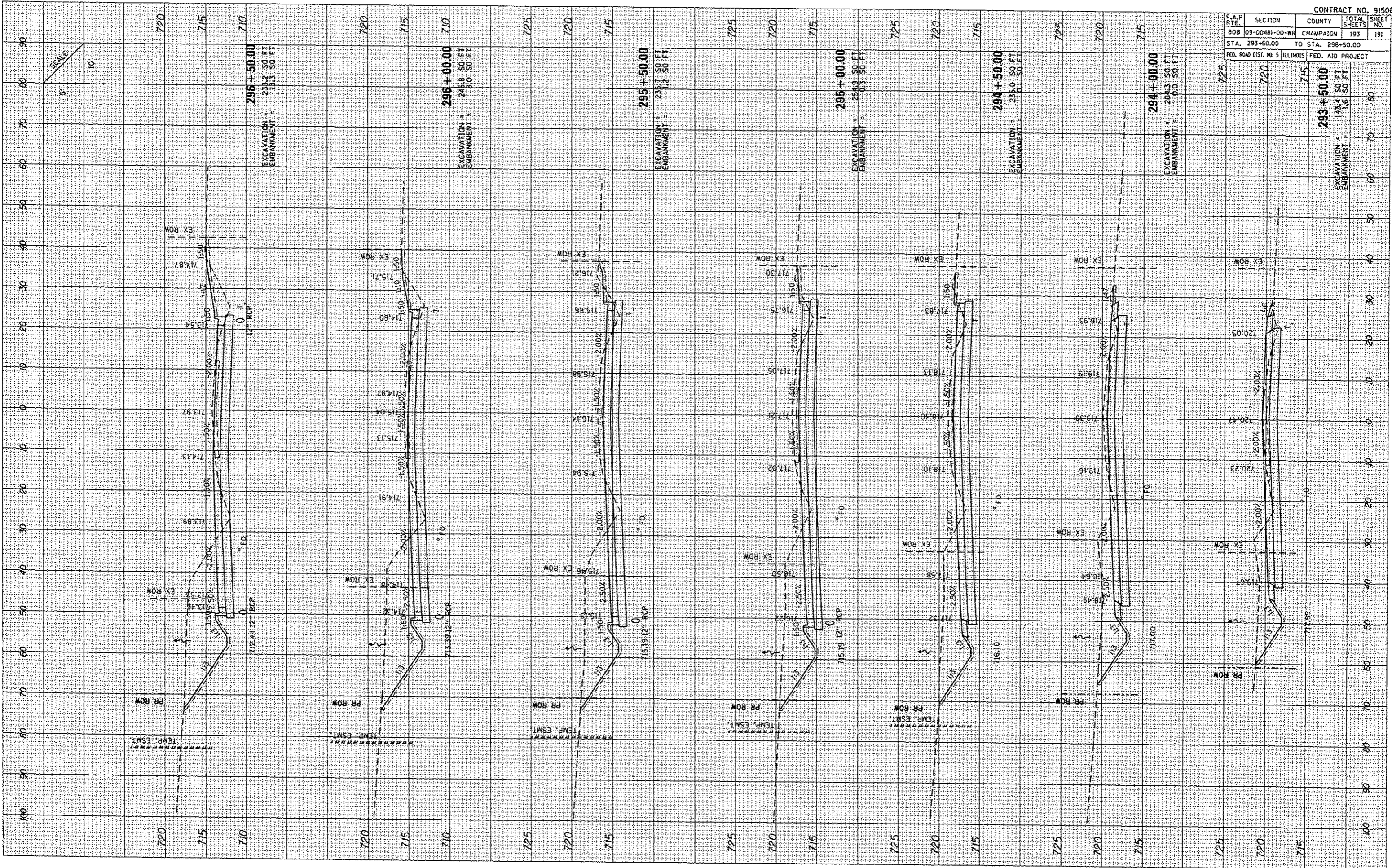
CROSS SECTIONS: WASHINGTON STREET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	09-00481-00-WR	CHAMPAIGN	193	191
STA. 293+50.00		TO STA. 296+50.00		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

BY	DATE

BY	DATE

PLOT DATE: 12/17/2013
 PLOT SCALE: 1"=40.00'
 USER NAME: ASKLER



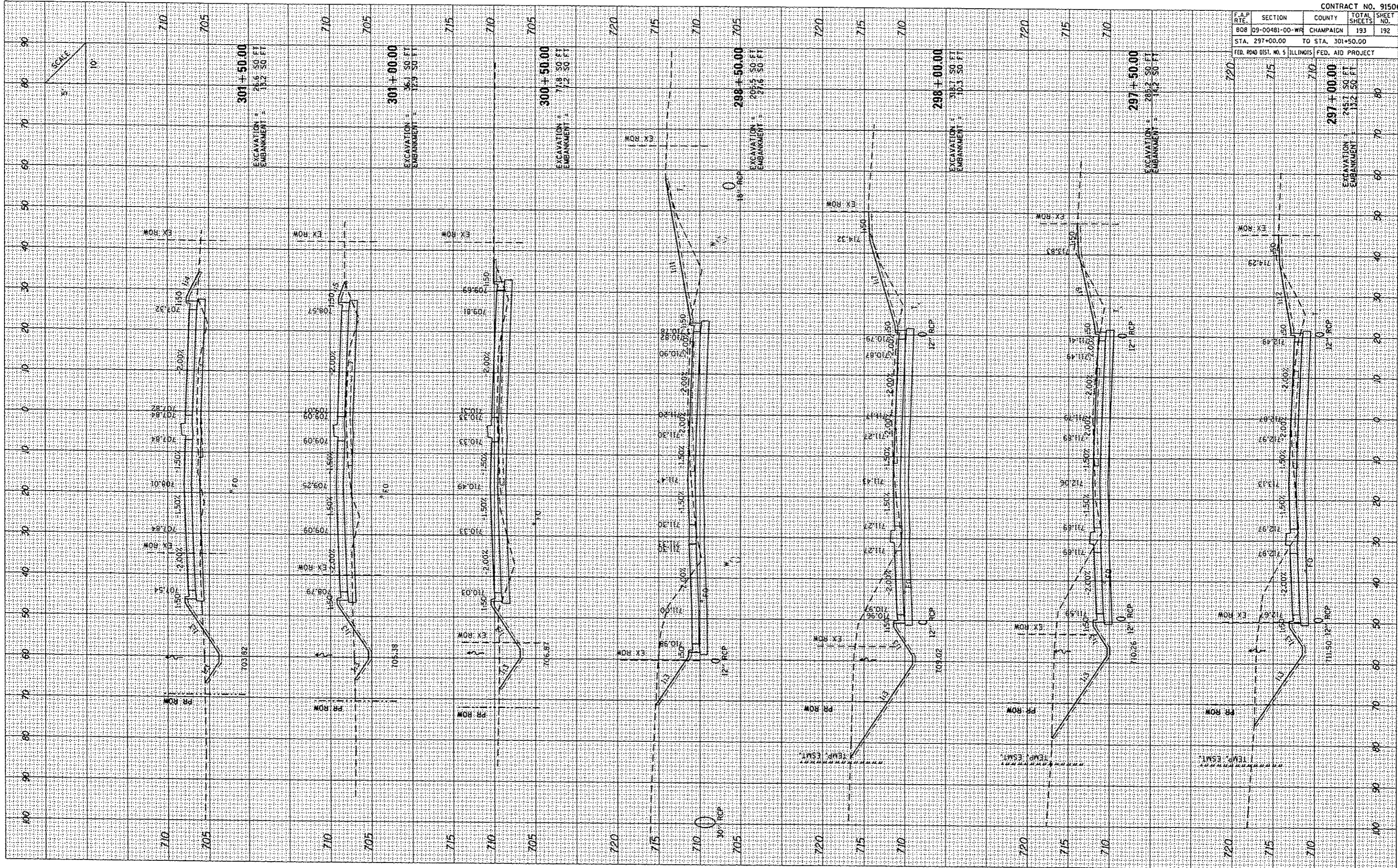
CROSS SECTIONS: WASHINGTON STREET

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B08	09-00481-00-WR	CHAMPAIGN	193	192
STA. 297+00.00		TO STA. 301+50.00		
FED. RDW DIST. NO. 5		ILLINOIS		FED. AID PROJECT

FINL SURFT	REVISED	DATE
NOTE BOOK	TEMP. RE	
NO.	AS	
	ISS.	
	CHECKED	

ORIGINAL SURFT	REVISED	DATE
NOTE BOOK	TEMP. RE	
NO.	AS	
	ISS.	
	CHECKED	

PLOT DATE: 12/17/2013
 FILE NAME: L:\V\B\91506\2281-88\DWG\91506-11.dwg
 PLOT SCALE: 1"=40'-0"
 USER NAME: ROBERT



CROSS SECTIONS: WASHINGTON STREET

