

PARCEL NO.	OWNER	RECORDING DATA	AREA OF WHOLE PROPERTY IS AN ESTIMATED AREA.			AREA IS FOR RIGHT OF ENTRY		
			AREA OF WHOLE PROP.	ROW AREA TAKEN	AREA OF REMAINDER	PERMANENT EASEMENT	TEMPORARY EASEMENT	EASEMENT PURPOSE
5630013	ALAN J. ELLIS	WD 11-08106	1,414 SQ M± (15,225 SQ FT)±	23 SQ M± (248 SQ FT)±	1,391 SQ M± (14,977 SQ FT)±	-----	38 SQ M± (410 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING
5630016	THE UNITED STATES OF AMERICA	-----	-----	-----	-----	-----	241 SQ M± (2,597 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING
5630017	THE FIRST NATIONAL BANK OF DANVILLE, TRUSTEE, TRUST NO. 2431	TD 11-10349	334 SQ M± (3,599 SQ FT)±	36 SQ M± (388 SQ FT)±	298 SQ M± (3,211 SQ FT)±	-----	105 SQ M± (1,131 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING
5630018	DANVILLE DONUTS, INC.	-----	707 SQ M± (7,613 SQ FT)±	-----	707 SQ M± (7,613 SQ FT)±	-----	49 SQ M± (527 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING
5630019	LEWIS W. AND SHEILA L. COOPER	-----	707 SQ M± (7,613 SQ FT)±	-----	707 SQ M± (7,613 SQ FT)±	-----	301 SQ M± (3,257 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING
5630020	JAMES A. BAUMGART AND PATRICIA S. BAUMGART	WD 10-03839	707 SQ M± (7,613 SQ FT)±	2.3 SQ M± (25 SQ FT)±	704.7 SQ M± (7,588 SQ FT)±	-----	323 SQ M± (3,483 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING
5630021	GERARDO AND NORMA RANGEL	-----	2,146 SQ M± (23,095 SQ FT)±	11 SQ M± (118 SQ FT)±	2,135 SQ M± (22,977 SQ FT)±	-----	292 SQ M± (3,142 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING
5630022	DANVILLE POLICE ASSOCIATION-POLICEMEN'S BENEVOLENT AND PROTECTIVE ASSOCIATION UNIT #11	-----	862 SQ M± (9,280 SQ FT)±	-----	862 SQ M± (9,280 SQ FT)±	-----	36 SQ M± (387 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING
5630023	MICHAEL ALAN HINCHMAN AND SHIRLEY JEAN HINCHMAN	-----	620 SQ M± (6,670 SQ FT)±	-----	620 SQ M± (6,670 SQ FT)±	-----	33 SQ M± (357 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING
5630024	JEFFREY A. SIRRATT	PE 11-08944	620 SQ M± (6,670 SQ FT)±	7.8 SQ M± (84 SQ FT)±	612.2 SQ M± (6,586 SQ FT)±	-----	24 SQ M± (257 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630025	MARK C. GOODE	WD 11-03504	674 SQ M± (7,250 SQ FT)±	10 SQ M± (107 SQ FT)±	664 SQ M± (7,143 SQ FT)±	-----	38 SQ M± (409 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630026	BLACKJACK, L.L.C., AN ILLINOIS LIMITED LIABILITY CO.	WD 10-10461	674 SQ M± (7,250 SQ FT)±	10 SQ M± (107 SQ FT)±	664 SQ M± (7,143 SQ FT)±	-----	38 SQ M± (409 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630027	STEVEN H. MOORE AND KIMBERLY L. MOORE	WD 11-06504	674 SQ M± (7,250 SQ FT)±	7.6 SQ M± (82 SQ FT)±	666.4 SQ M± (7,165 SQ FT)±	-----	42 SQ M± (452 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630028	OLAV H. CHRISTENSEN	WD 11-06505	674 SQ M± (7,250 SQ FT)±	7.6 SQ M± (82 SQ FT)±	666.4 SQ M± (7,165 SQ FT)±	-----	42 SQ M± (452 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630029	DIANNE K. KIMBALL	WD 11-08940	1,347 SQ M± (14,500 SQ FT)±	0.6 SQ M± (6 SQ FT)±	1,346.4 SQ M± (14,493 SQ FT)±	-----	83 SQ M± (894 SQ FT)±	PE- VARIOUS (SEE PLAT)
5630030	CHARLOTTE K. HANSON	WD 11-08788	674 SQ M± (7,250 SQ FT)±	13 SQ M± (143 SQ FT)±	661 SQ M± (7,127 SQ FT)±	-----	20 SQ M± (219 SQ FT)±	PE- VARIOUS (SEE PLAT)

TEMPORARY EASEMENT STATION/OFFSETS

POINT	STATION	OFFSET
A	94+575.260	17.678 m [58.00'] LT
B	94+578.500	13.411 m [44.00'] LT
C	94+578.500	16.154 m [53.00'] LT
D	94+582.500	16.154 m [53.00'] LT
E	94+582.500	14.630 m [48.00'] LT
F	94+588.454	14.630 m [48.00'] LT

TEMPORARY EASEMENT STATION/OFFSETS

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A	94+575.260	17.678 m [58.00'] LT
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F	94+588.454	14.630 m [48.00'] LT

TEMPORARY EASEMENT STATION/OFFSETS

POINT	STATION	OFFSET
K	94+603.882	17.678 m [58.00'] LT
L	94+608.000	17.678 m [58.00'] LT
M	94+608.000	15.240 m [50.00'] LT
N	94+619.103	15.240 m [50.00'] LT

TEMPORARY EASEMENT STATION/OFFSETS

POINT	STATION	OFFSET
O	94+619.148	16.459 m [54.00'] LT
P	94+628.555	16.459 m [54.00'] LT
Q	94+628.531	12.192 m [40.00'] LT
R	94+634.169	12.192 m [40.00'] LT
S	94+634.301	17.983 m [59.00'] LT
T	94+639.000	17.983 m [59.00'] LT
U	94+639.000	13.716 m [45.00'] LT
V	94+645.683	13.716 m [45.00'] LT

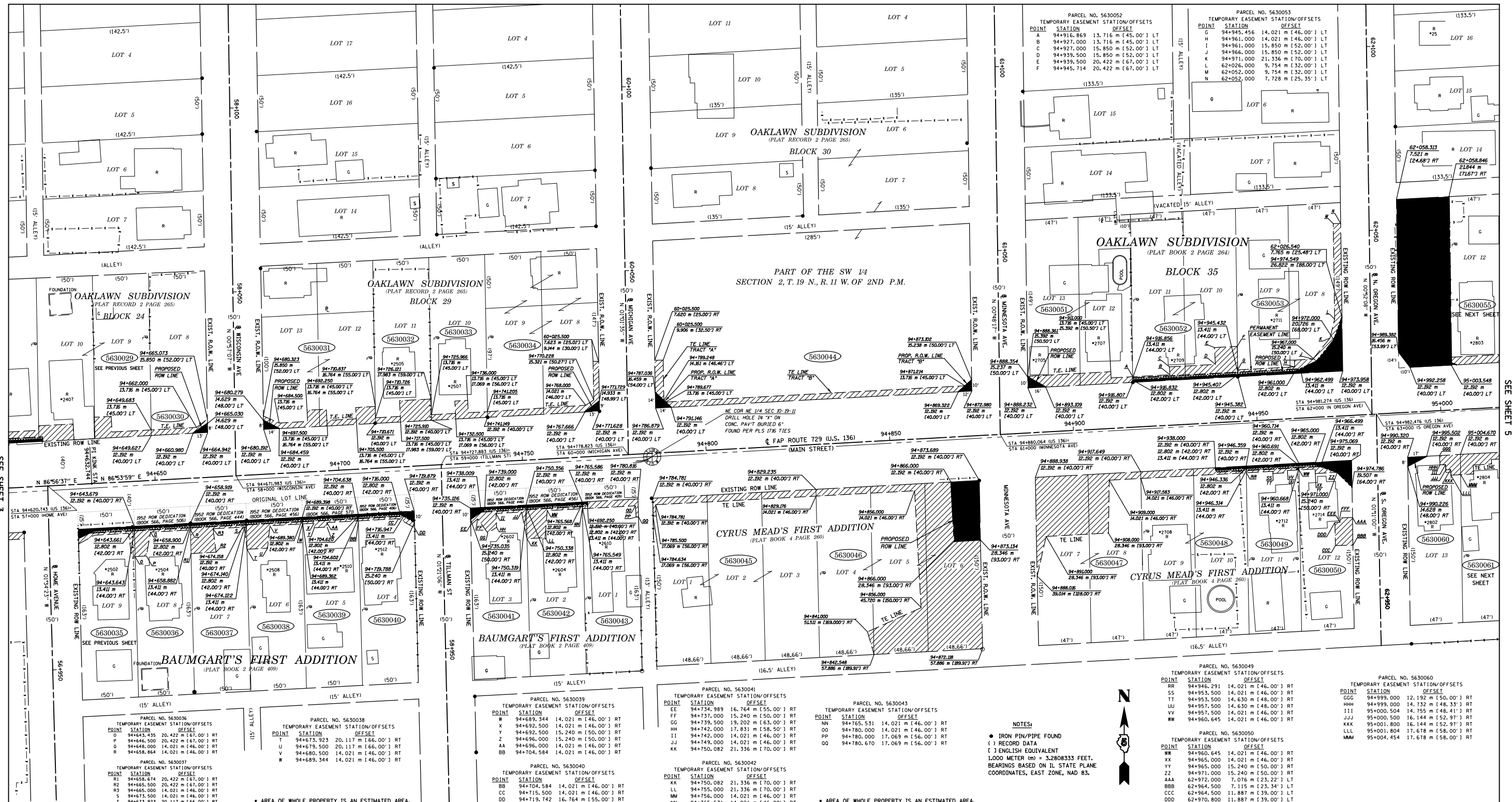
CONTRACT NO. 90939

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN

ROUTE FAP 729 (US 136)
 SECTION 36(W,R,S-1) & 34Z-2(W,R,S)
 COUNTY VERMILION
 JOB# R-95-063-00
 SEC 3 & 10, T.19N., R.11W., 2ND P.M.
 STA 94+256.500 TO STA 94+662.411
 DRAWN M.L.W. CHECKED K.W.H.
 SCALE: 1"= 500' SHEET NO. 3 OF 5

REVISION	DATE	DESCRIPTION

NOTES:
 ● IRON PIN/PIPE FOUND
 () RECORD DATA
 () ENGLISH EQUIVALENT
 1.000 METER (100' = 3,280.833 FEET).
 BEARINGS BASED ON ILL STATE PLANE COORDINATES, EAST ZONE, NAD 83.



PARCEL NO.	OWNER	RECORDING DATA	AREA OF WHOLE PROP.	ROW AREA TAKEN	AREA OF REMAINDER	PERMANENT EASEMENT	TEMPORARY EASEMENT	EASEMENT PURPOSE	PARCEL NO.	OWNER	RECORDING DATA	AREA OF WHOLE PROP.	ROW AREA TAKEN	AREA OF REMAINDER	PERMANENT EASEMENT	TEMPORARY EASEMENT	EASEMENT PURPOSE
5630003	ZABRINA COOK-DIAZ AND JOSE F. DIAZ	WD (CORP) 11-04552	4.8 SQ MZ (12,250 SQ FT)±	4.8 SQ MZ (12,250 SQ FT)±	668.2 SQ MZ (17,198 SQ FT)±	-----	22 SQ MZ (550 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING	5630044	SAINTS SYNAGOGUE CHURCH OF GOD IN CHRIST, INC.	WD (CORP) 11-04550	5,124 SQ MZ (12,815 SQ FT)±	15 SQ MZ (375 SQ FT)±	5,109 SQ MZ (12,770 SQ FT)±	-----	145 SQ MZ (3,613 SQ FT)±	SIDEWALK CONSTRUCTION & GRADING
5630001	SAINTS SYNAGOGUE CHURCH OF GOD IN CHRIST	WD (CORP) 11-04552	9.29 SQ MZ (23,250 SQ FT)±	5.2 SQ MZ (13,125 SQ FT)±	9,344 SQ MZ (23,449 SQ FT)±	-----	78 SQ MZ (1,975 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING	5630045	BEVERLY M. COOPER	-----	2,034 SQ MZ (5,187 SQ FT)±	120 SQ MZ (3,006 SQ FT)±	1,914 SQ MZ (4,881 SQ FT)±	-----	836 SQ MZ (2,113 SQ FT)±	TREE REMOVAL, DITCHWORK, SIDEWALK CONST. & GRADING
5630002	LARRY W. VAN CAMP AND DOROTHY J. VAN CAMP	-----	683 SQ MZ (1,735 SQ FT)±	-----	683 SQ MZ (1,735 SQ FT)±	-----	60 SQ MZ (1,500 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING	5630046	BEVERLY M. COOPER, JAMES E. COOPER, JR. AND THE ESTATE OF PAULINE VOSS, DECEASED	-----	2,034 SQ MZ (5,187 SQ FT)±	120 SQ MZ (3,006 SQ FT)±	1,914 SQ MZ (4,881 SQ FT)±	-----	836 SQ MZ (2,113 SQ FT)±	TREE REMOVAL, DITCHWORK, SIDEWALK CONST. & GRADING
5630003	FLORA ANN LILLEY, WHO ACQUIRED TITLE AS FLORA ANN MILLER	-----	683 SQ MZ (1,735 SQ FT)±	-----	683 SQ MZ (1,735 SQ FT)±	-----	60 SQ MZ (1,500 SQ FT)±	ENTRANCE & SIDEWALK CONST. & GRADING	5630047	CITY OF DANVILLE, COMMUNITY DEVELOPMENT DIVISION	-----	1,310 SQ MZ (3,300 SQ FT)±	-----	1,310 SQ MZ (3,300 SQ FT)±	-----	-----	-----
5630004	SAINTS SYNAGOGUE CHURCH OF GOD IN CHRIST, INC.	WD (CORP) 11-04554	1,366 SQ MZ (3,410 SQ FT)±	5.4 SQ MZ (13,606 SQ MZ)	1,360.6 SQ MZ (3,410 SQ FT)±	-----	66 SQ MZ (1,676 SQ FT)±	SIDEWALK & CURB CONST. & GRADING	5630048	WANDA F. HUTSON	WD 11-04546	1,310 SQ MZ (3,300 SQ FT)±	-----	1,310 SQ MZ (3,300 SQ FT)±	-----	-----	-----
5630006	CITY OF DANVILLE	WD (CORP) 11-07127	6,870 SQ MZ (17,400 SQ FT)±	9.3 SQ MZ (23,500 SQ FT)±	6,777.7 SQ MZ (17,300 SQ FT)±	-----	33 SQ MZ (837 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630049	RONNIE E. KISER AND RUTH I. KISER, AS CO-TRUSTEES, KISER FAMILY TRUST	WD 11-04833	655 SQ MZ (1,666 SQ FT)±	8.8 SQ MZ (22,200 SQ FT)±	646.2 SQ MZ (1,647 SQ FT)±	-----	8.8 SQ MZ (22,200 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630007	JAMES W. BLAKENEY AND DEBRA WHEELER	WD 11-09296	687 SQ MZ (1,740 SQ FT)±	9.3 SQ MZ (23,500 SQ FT)±	6,777.7 SQ MZ (17,300 SQ FT)±	-----	33 SQ MZ (837 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630050	WBG, LLC SERIES G	WD (LLC) 12-00011	655 SQ MZ (1,666 SQ FT)±	8.8 SQ MZ (22,200 SQ FT)±	646.2 SQ MZ (1,647 SQ FT)±	-----	8.8 SQ MZ (22,200 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630008	LARRY NICHOLSON AND WILMA NICHOLSON	WD 11-09299	687 SQ MZ (1,740 SQ FT)±	9.3 SQ MZ (23,500 SQ FT)±	6,777.7 SQ MZ (17,300 SQ FT)±	-----	33 SQ MZ (837 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630051	PAULA A. TRUJILLO	WD 10-10917	1,301 SQ MZ (3,293 SQ FT)±	7.4 SQ MZ (18,750 SQ FT)±	1,293.6 SQ MZ (3,286 SQ FT)±	-----	7.4 SQ MZ (18,750 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630009	JOHN SPEZIA	WD 11-09299	687 SQ MZ (1,740 SQ FT)±	9.3 SQ MZ (23,500 SQ FT)±	6,777.7 SQ MZ (17,300 SQ FT)±	-----	33 SQ MZ (837 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630052	ERIC WILLIAMS	WD 11-06887	1,301 SQ MZ (3,293 SQ FT)±	7.4 SQ MZ (18,750 SQ FT)±	1,293.6 SQ MZ (3,286 SQ FT)±	-----	7.4 SQ MZ (18,750 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630040	LEE O. COLBY	WD 11-06193	7,400 SQ MZ (18,750 SQ FT)±	14 SQ MZ (35,000 SQ FT)±	7,386 SQ MZ (18,715 SQ FT)±	-----	14 SQ MZ (35,000 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630053	SHIRLEY J. INGRAM AND DORETHA INGRAM	WD 11-02110	650 SQ MZ (1,650 SQ FT)±	6.0 SQ MZ (15,000 SQ FT)±	644.0 SQ MZ (1,635 SQ FT)±	-----	6.0 SQ MZ (15,000 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630041	DONALD B. GROSS AND MELODY L. GROSS	WD 11-06048	757 SQ MZ (1,918 SQ FT)±	8.4 SQ MZ (21,000 SQ FT)±	748.6 SQ MZ (1,899 SQ FT)±	-----	8.4 SQ MZ (21,000 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630054	DONALD J. INGRAM AND DORETHA INGRAM	WD 11-02110	650 SQ MZ (1,650 SQ FT)±	6.0 SQ MZ (15,000 SQ FT)±	644.0 SQ MZ (1,635 SQ FT)±	-----	6.0 SQ MZ (15,000 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630042	MARK R. FLUNO AND ROBIN R. FLUNO	WD 11-09302	687 SQ MZ (1,740 SQ FT)±	9.3 SQ MZ (23,500 SQ FT)±	6,777.7 SQ MZ (17,300 SQ FT)±	-----	33 SQ MZ (837 SQ FT)±	PE-VARIOUS (SEE PLAT)	5630060	VERLON L. WATTS AND CAROL E. WATTS	WD 11-10032	655 SQ MZ (1,666 SQ FT)±	8.8 SQ MZ (22,200 SQ FT)±	646.2 SQ MZ (1,647 SQ FT)±	-----	8.8 SQ MZ (22,200 SQ FT)±	PE-VARIOUS (SEE PLAT)
5630043	CLAY E. FOUREZ AND ANGELIKA C. FOUREZ	WD 11-06196	7,400 SQ MZ (18,750 SQ FT)±	14 SQ MZ (35,000 SQ FT)±	7,386 SQ MZ (18,715 SQ FT)±	-----	14 SQ MZ (35,000 SQ FT)±	PE-VARIOUS (SEE PLAT)									

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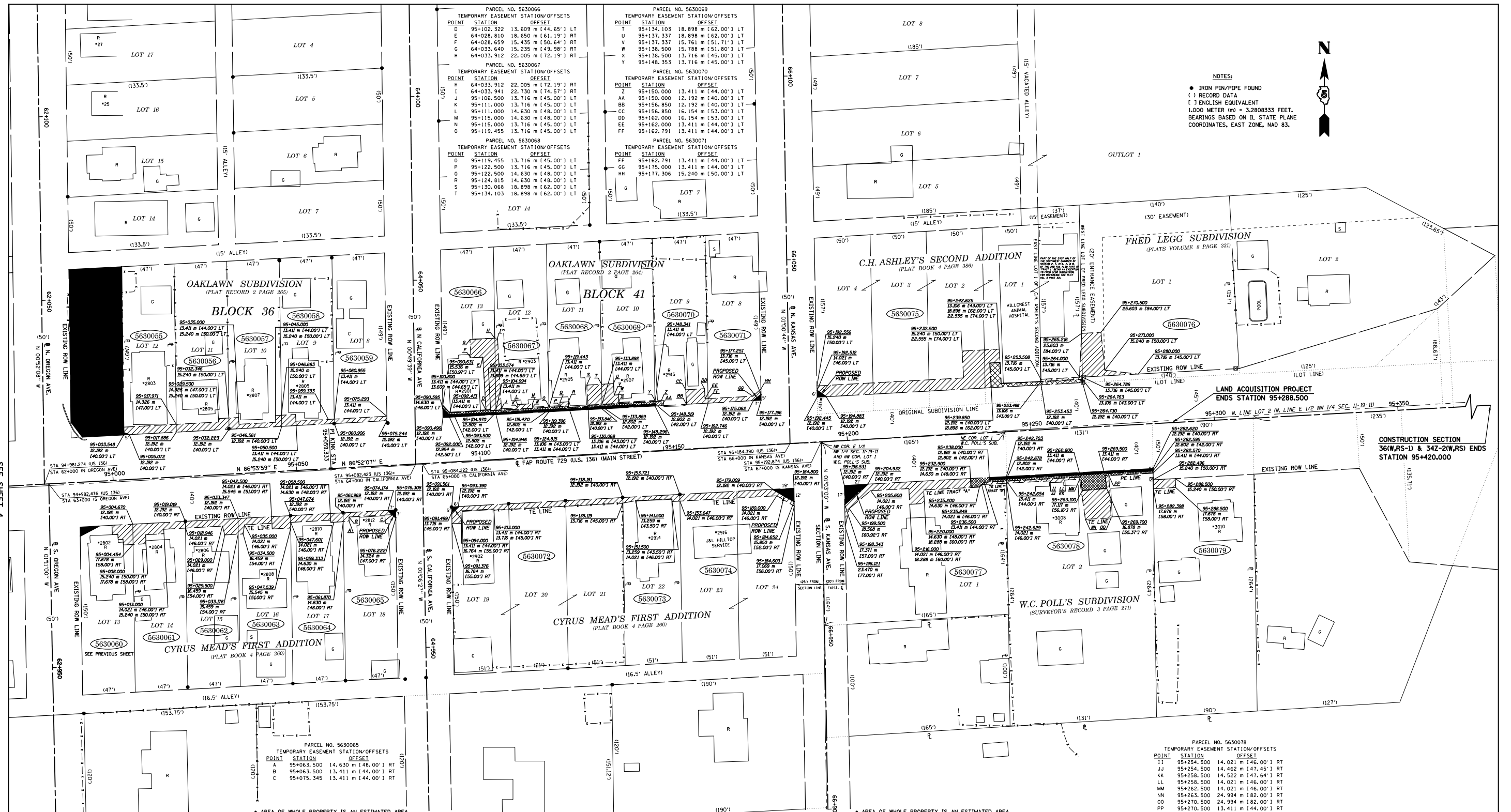
REVISION

DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE FAP 729 (US 136)
SECTION 36(W,RS-1) & 342-2(W,RS)
COUNTY VERMILION
JOB# R-95-063-00
SEC 2, 3, 10 & 11 T.19N., R.11W., 2ND P.M.
STA 94+610.080 TO STA 95+015.957
DRAWN M.L.W. CHECKED K.W.H.
SCALE: 1"=500' SHEET NO. 4 OF 5



NOTES:
 ● IRON PIN/PIPE FOUND
 () RECORD DATA
 () ENGLISH EQUIVALENT
 1.000 METER (M) = 3.2808333 FEET.
 BEARINGS BASED ON IL STATE PLANE
 COORDINATES, EAST ZONE, NAD 83.



SEE SHEET 4

* AREA OF WHOLE PROPERTY IS AN ESTIMATED AREA.

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PARCEL NO.	OWNER	RECORDING DATA	AREA OF WHOLE PROP.	ROW AREA TAKEN	AREA OF REMAINDER	PERMANENT EASEMENT	TEMPORARY EASEMENT	EASEMENT PURPOSE	PARCEL NO.	OWNER	RECORDING DATA	AREA OF WHOLE PROP.	ROW AREA TAKEN	AREA OF REMAINDER	PERMANENT EASEMENT	TEMPORARY EASEMENT	EASEMENT PURPOSE		
5630055	TAMARA L. HILL	WD 11-07591	651 SQ M2 (1,003 SQ FT)±	0.5 SQ M2 (.75 SQ FT)±	650.5 SQ M2 (992.25 SQ FT)±	---	---	SIDEWALK CONSTRUCTION & GRADING	5630068	MICHAEL L. POGGENDORF, JR.	WD 12-03561 PE 12-03560	651 SQ M2 (1,003 SQ FT)±	8.8 SQ M2 (12.9 SQ FT)±	642.2 SQ M2 (980.1 SQ FT)±	---	---	PE- VARIOUS (SEE PLAT)		
5630056	MARY A. CALVERT	---	651 SQ M2 (1,003 SQ FT)±	---	651 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630069	MARTIN S. NOWAK, JR. AND JOANN J. NOWAK	WD 11-09693 PE 11-09694	651 SQ M2 (1,003 SQ FT)±	8.8 SQ M2 (12.9 SQ FT)±	642.2 SQ M2 (980.1 SQ FT)±	8.8 SQ M2 (12.9 SQ FT)±	24 SQ M2 (34.7 SQ FT)±	---	PE- VARIOUS (SEE PLAT)	
5630057	EMILY E. DIEU AND BROCK E. DIEU	---	651 SQ M2 (1,003 SQ FT)±	---	651 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630070	FRANKLIN R. BAZ AND W. JEANNINE BAZ	---	---	---	---	---	---	PE- VARIOUS (SEE PLAT)		
5630058	TERRY ROTHWELL	---	651 SQ M2 (1,003 SQ FT)±	---	651 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630071	JOHN D. WEAVER	WD 11-07588	651 SQ M2 (1,003 SQ FT)±	1.6 SQ M2 (2.2 SQ FT)±	649.4 SQ M2 (982.5 SQ FT)±	---	---	---	SIDEWALK & CURB CONST. & GRADING	
5630059	WESLEY BURRESS	---	651 SQ M2 (1,003 SQ FT)±	---	651 SQ M2 (992.25 SQ FT)±	---	---	SIDEWALK CONSTRUCTION & GRADING	5630072	EDWARD E. KIZER, AS TRUSTEE UNDER DECLARATION OF TRUST DATED APRIL 8, 1992 AND KNOWN AS THE EDWARD KIZER TRUST	TD 11-09477	1,222.95 SQ M2 (1,750 SQ FT)±	1.4 SQ M2 (1.9 SQ FT)±	1,221.55 SQ M2 (1,748.1 SQ FT)±	---	---	---	TREE REMOVAL & SIDEWALK CONSTRUCTION & GRADING	
5630061	NORMA DAVIS	---	655 SQ M2 (1,003 SQ FT)±	---	655 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630073	AMERICAN PENSION SERVICES, INC. ADMINISTRATOR FOR JOHN VARGHESE IRA #9688	WD (CORP) PE 11-09132	1,422 SQ M2 (2,030 SQ FT)±	11 SQ M2 (15.1 SQ FT)±	1,411 SQ M2 (2,014.9 SQ FT)±	---	---	---	ENTRANCE, SIDEWALK & CURB CONSTRUCTION & GRADING	
5630062	NITA BROWDER	---	655 SQ M2 (1,003 SQ FT)±	---	655 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630074	DANVILLE GASOLINE & OIL COMPANY, INC.	---	---	---	---	---	---	ENTRANCE & SIDEWALK CONST. & GRADING		
5630063	ANTHONY J. REMESCH	---	655 SQ M2 (1,003 SQ FT)±	---	655 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630075	HAROLD J. HEFFERNAN AND MARY JOANN HEFFERNAN	WD 11-09133 PE 11-09132	3,178 SQ M2 (4,530 SQ FT)±	2.2 SQ M2 (3.0 SQ FT)±	3,175.8 SQ M2 (4,527.0 SQ FT)±	39 SQ M2 (53.3 SQ FT)±	218 SQ M2 (304.3 SQ FT)±	---	---	PE- VARIOUS (SEE PLAT)
5630064	AARON TROGLIA	---	655 SQ M2 (1,003 SQ FT)±	---	655 SQ M2 (992.25 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630076	LARRY GIPSON	---	---	---	---	---	---	ENTRANCE & SIDEWALK CONST. & GRADING		
5630065	HUGH W. THOMAS AND DOROTHY L. THOMAS	WD 11-09887	655 SQ M2 (1,003 SQ FT)±	2.3 SQ M2 (3.1 SQ FT)±	652.7 SQ M2 (985.8 SQ FT)±	---	---	ENTRANCE & SIDEWALK CONST. & GRADING	5630077	KENNETH W. CUNNINGHAM AND ANITA J. CUNNINGHAM	WD 11-08789 PE 11-08790	1,422 SQ M2 (2,030 SQ FT)±	20 SQ M2 (27.3 SQ FT)±	1,402 SQ M2 (1,982.7 SQ FT)±	13 SQ M2 (17.7 SQ FT)±	97 SQ M2 (132.5 SQ FT)±	---	---	PE- VARIOUS (SEE PLAT)
5630066	JACK RANDELL PETERSEN AND KAREN M. PETERSEN	WD 12-00803 PE 12-00801	651 SQ M2 (1,003 SQ FT)±	10 SQ M2 (13.5 SQ FT)±	641 SQ M2 (956.5 SQ FT)±	10 SQ M2 (13.5 SQ FT)±	---	PE- VARIOUS (SEE PLAT)	5630078	RONALD KEMPER	WD 12-00496 PE 12-00497	2,726 SQ M2 (3,814 SQ FT)±	24 SQ M2 (32.7 SQ FT)±	2,702 SQ M2 (3,846.7 SQ FT)±	48 SQ M2 (65.3 SQ FT)±	77 SQ M2 (105.1 SQ FT)±	---	---	PE- VARIOUS (SEE PLAT)
5630067	TIMOTHY COTTRELL AND DARCEY COTTRELL	WD 11-09653 PE 11-09654	651 SQ M2 (1,003 SQ FT)±	---	651 SQ M2 (992.25 SQ FT)±	---	---	PE- VARIOUS (SEE PLAT)	5630079	BRIEN L. BEGLEY AND JANET E. BEGLEY	---	---	---	---	---	---	PE- VARIOUS (SEE PLAT)		

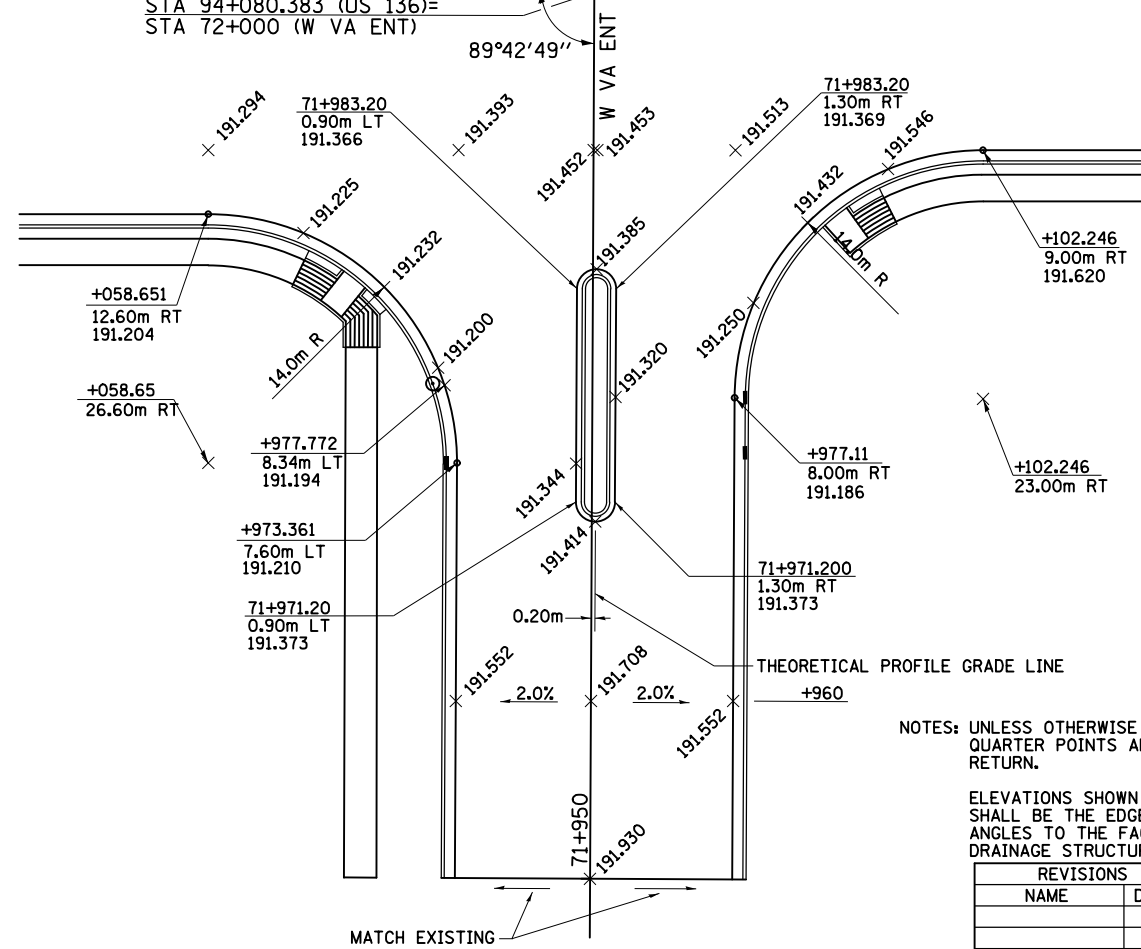
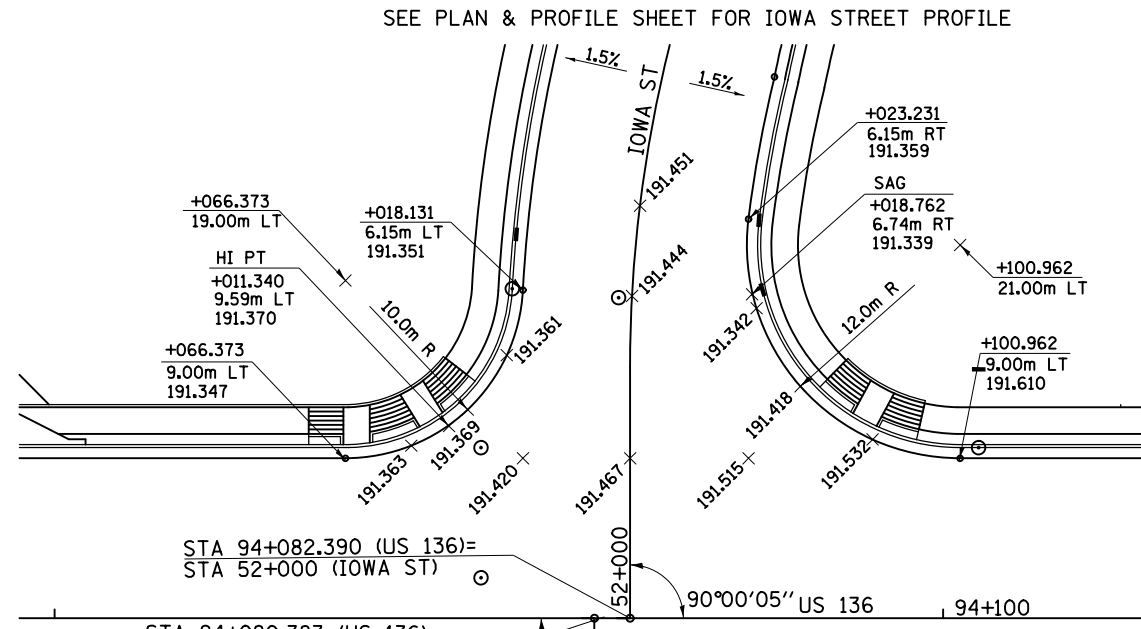
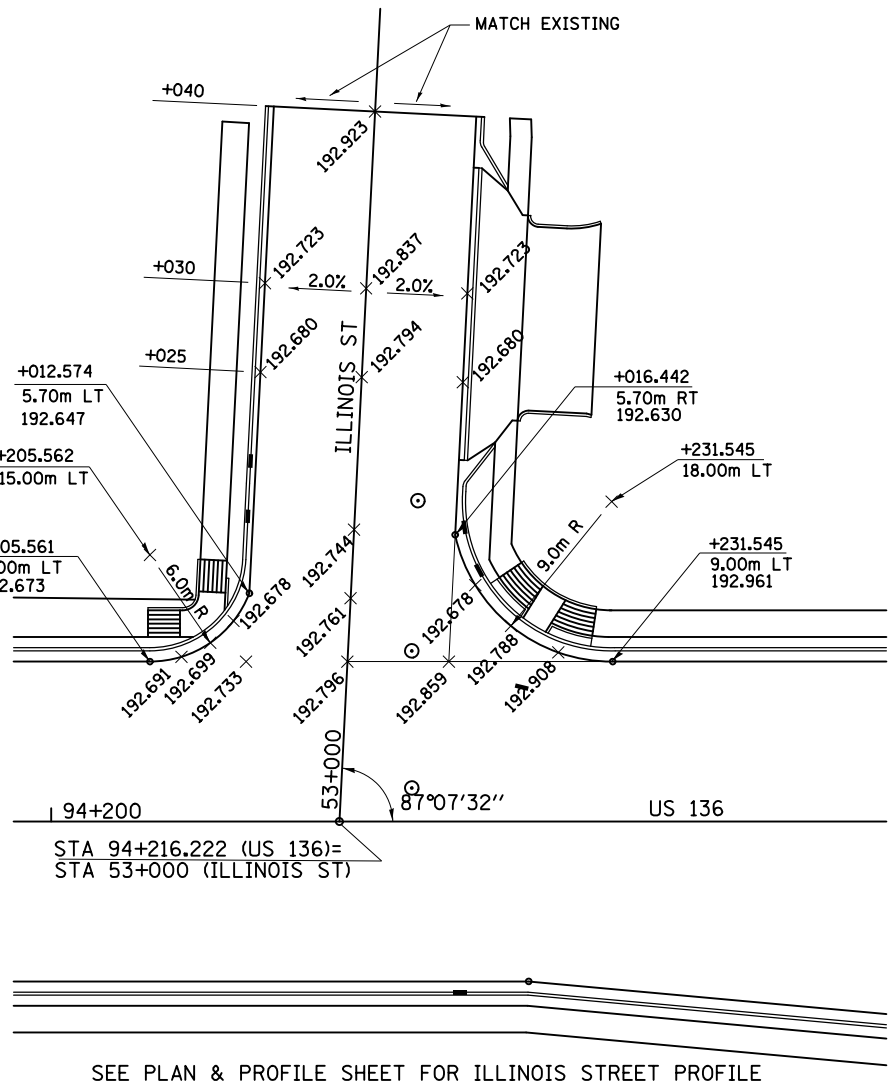
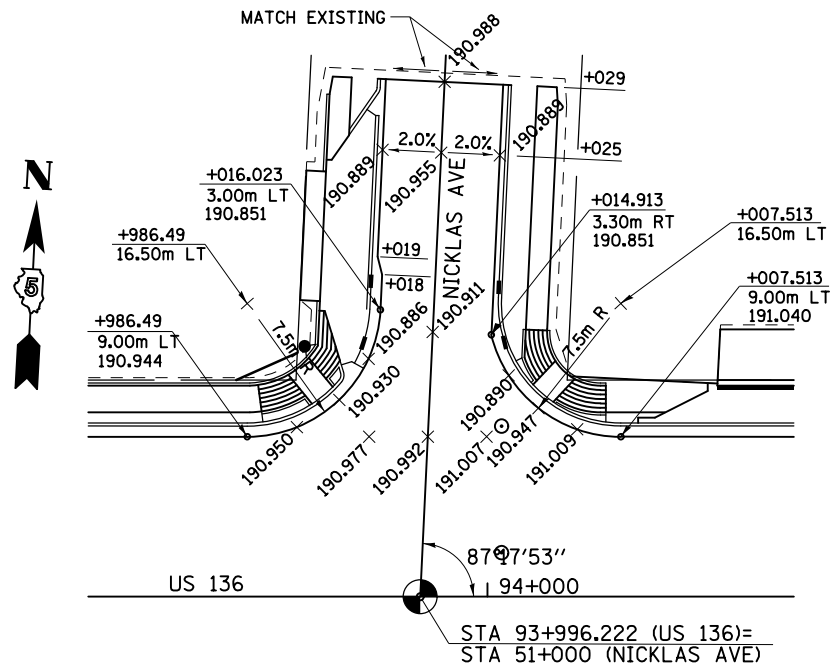
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REVISION	
DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN

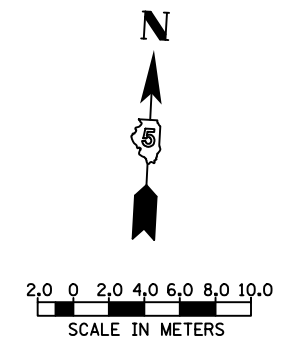
ROUTE FAP 729 (US 136)
 SECTION 36(W,RS-1) & 34Z-2(W,RS)
 COUNTY VERMILION
 JOB# R-95-063-00
 SEC 2 & 11, T.19N., R.11W., 2ND P.M.
 STA 94+971.490 TO STA 95+420.000
 DRAWN M.L.W. CHECKED K.W.H.
 SCALE: 1"= 500' SHEET NO. 5 OF 5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	104
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



IOWA STREET EDGE OF PAVEMENT DATA

STATION	OFFSET LEFT	ELEVATION LEFT	OFFSET RIGHT	ELEVATION RIGHT
52+021	6.15	191.354		
52+024	6.15	191.361	6.15	191.361
52+027	6.15	191.373	6.15	191.373
52+030	6.15	191.390	6.15	191.390
52+033	6.12	191.412	6.12	191.412
52+036	6.03	191.441	6.01	191.441
52+039	5.93	191.473	5.90	191.474
52+042	5.84	191.511	5.79	191.512
52+045	5.74	191.554	5.69	191.555
52+048	5.65	191.601	5.58	191.602
52+051	5.55	191.653	5.47	191.654
52+054	5.46	191.701	5.36	191.703
52+057	5.36	191.747	5.25	191.748
52+060	5.26	191.790	5.15	191.792
52+063	5.15	191.831	5.06	191.832
52+066	5.04	191.868	4.97	191.869
52+069	4.92	191.903	4.88	191.904
52+072	4.81	191.937	4.79	191.937
52+075	4.70	191.971	4.70	191.971
52+078	4.59	192.004	4.61	192.004
52+081	4.47	192.037	4.51	192.036
52+084	4.36	192.071	4.42	192.070
52+087	4.25	192.104	4.33	192.103
52+090	4.14	192.138	4.24	192.136
52+093	4.03	192.172	4.14	192.170
52+096	3.93	192.205	4.05	192.203
52+099	3.90	192.237	4.00	192.235



NOTES: UNLESS OTHERWISE NOTED, ELEVATIONS ARE LOCATED AT QUARTER POINTS AND/OR HALF POINTS ALONG THE RADIUS RETURN.

ELEVATIONS SHOWN ADJACENT TO DRAINAGE STRUCTURES SHALL BE THE EDGE OF PAVEMENT ELEVATION AT RIGHT ANGLES TO THE FACE OF CURB AT THE CENTER OF THE DRAINAGE STRUCTURE.

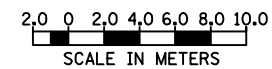
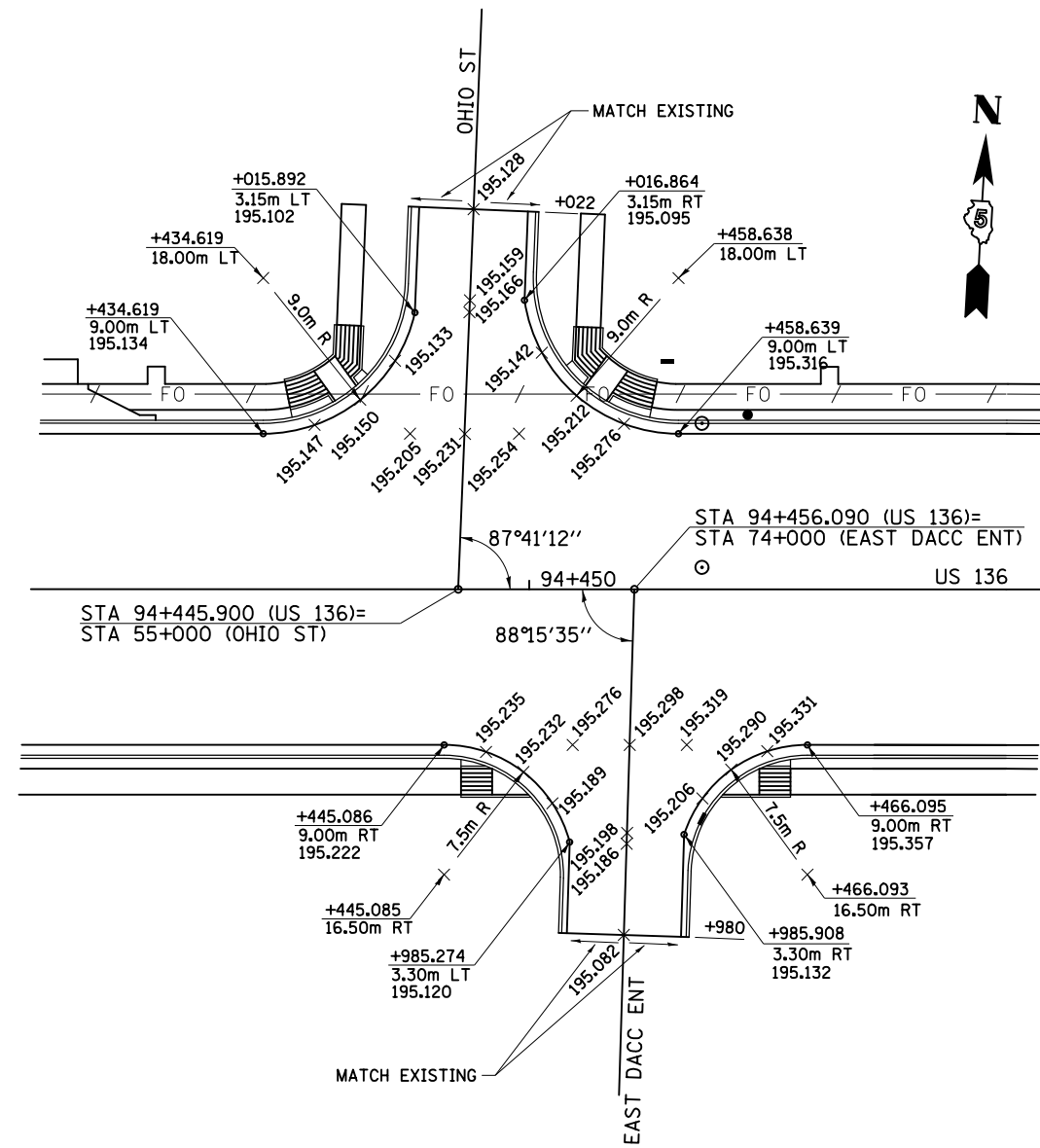
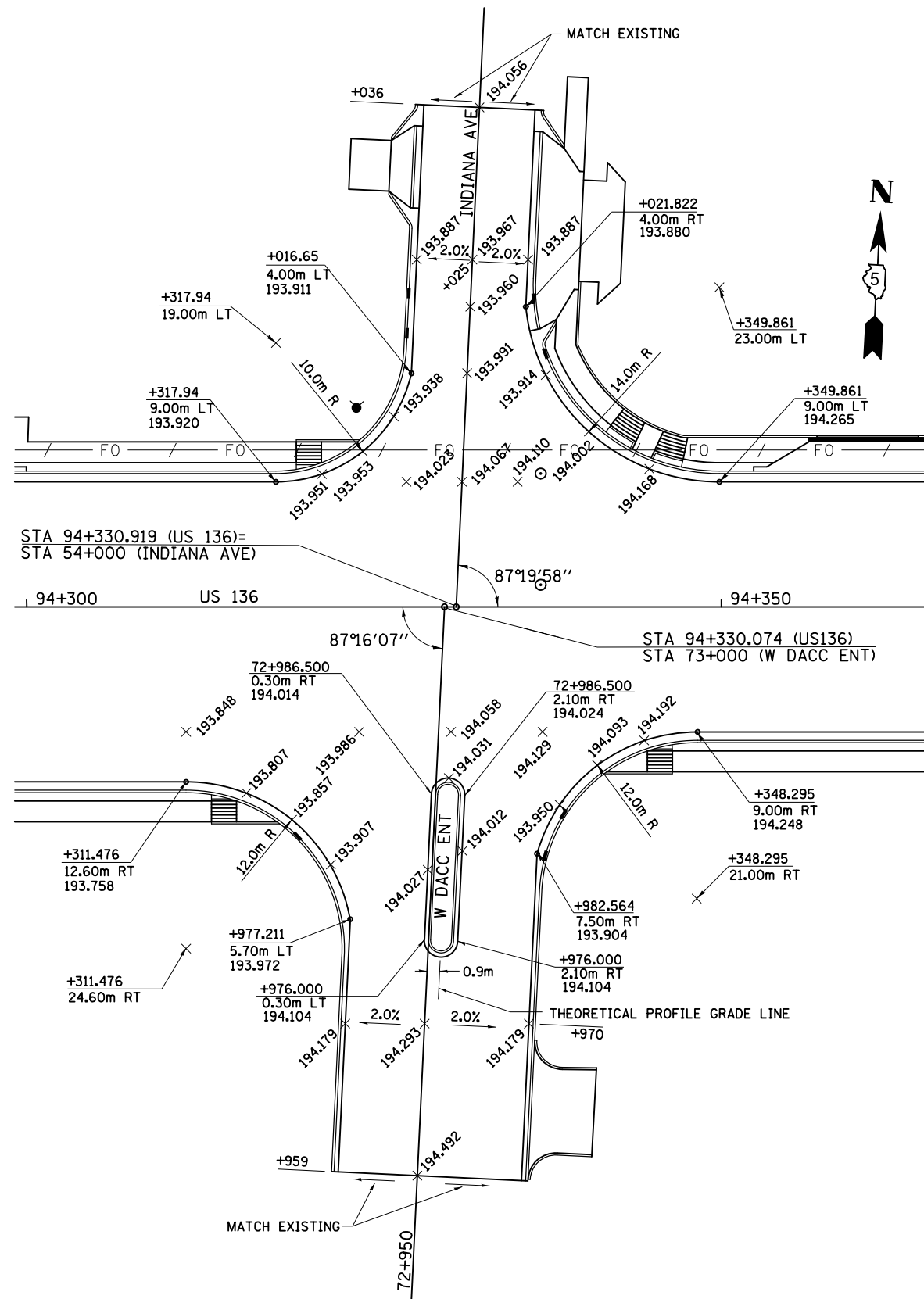
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS

DATE AUGUST 2003
DRAWN BY VCF
CHECKED BY AWM

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	105
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



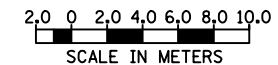
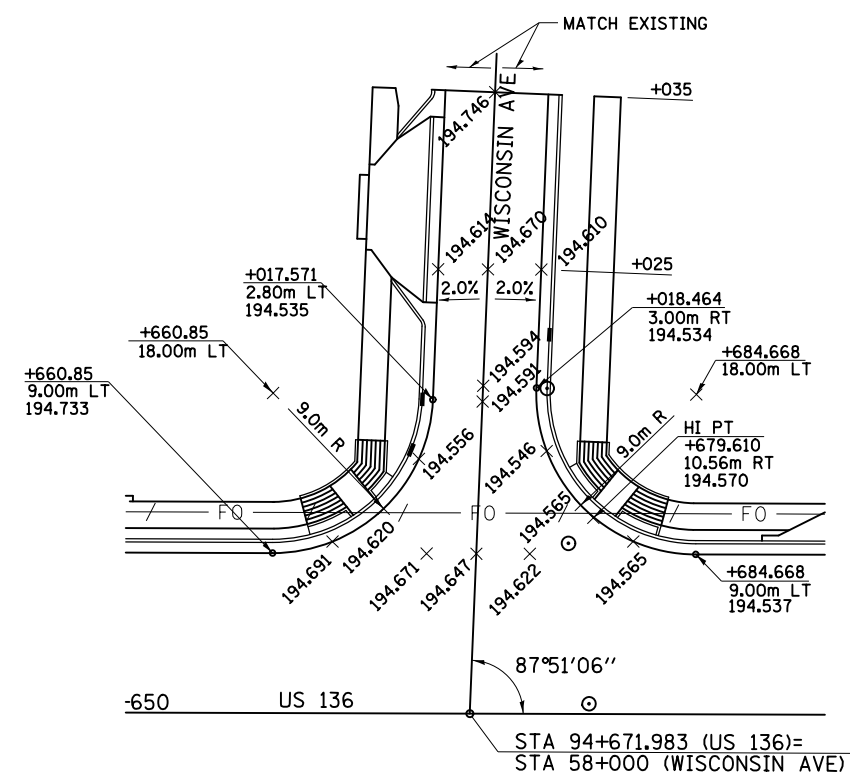
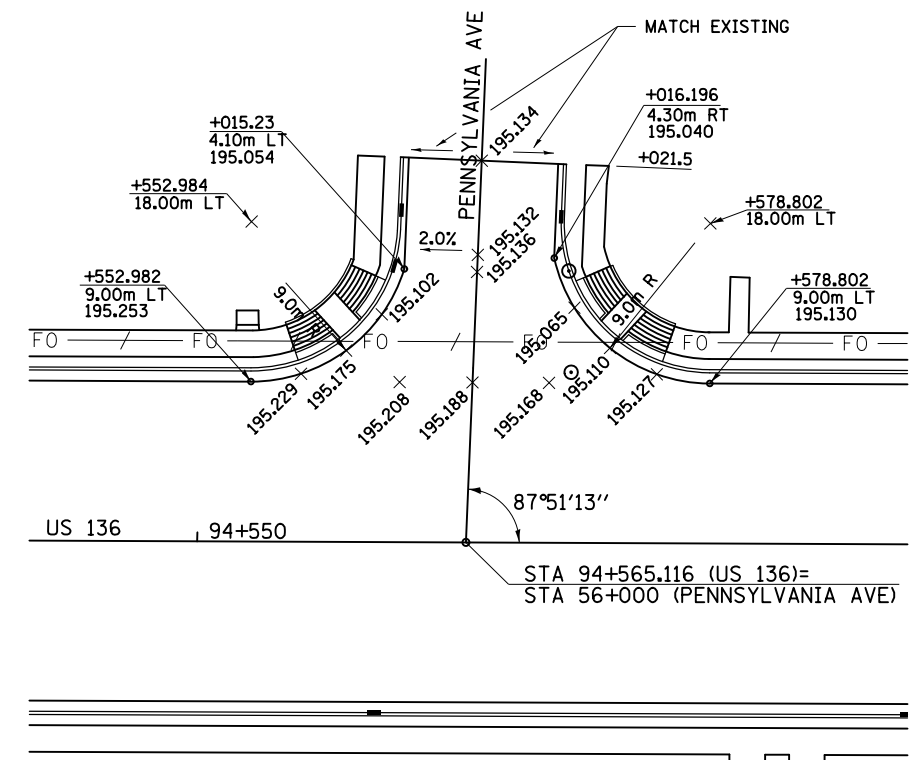
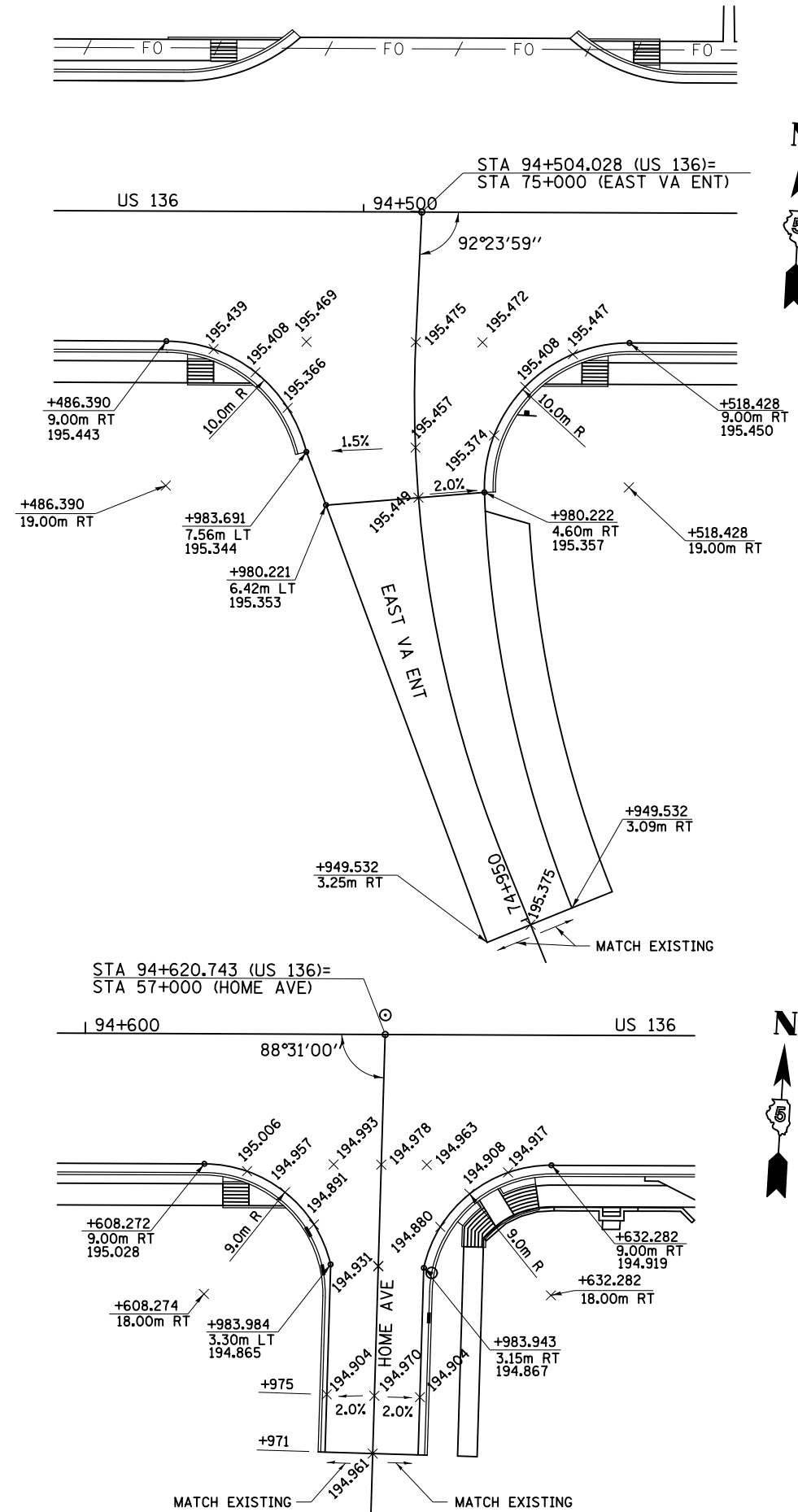
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INTERSECTION DETAILS
NAME	DATE	
		DATE AUGUST 2003 DRAWN BY VCF CHECKED BY AWM

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	106
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



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REVISIONS	
NAME	DATE

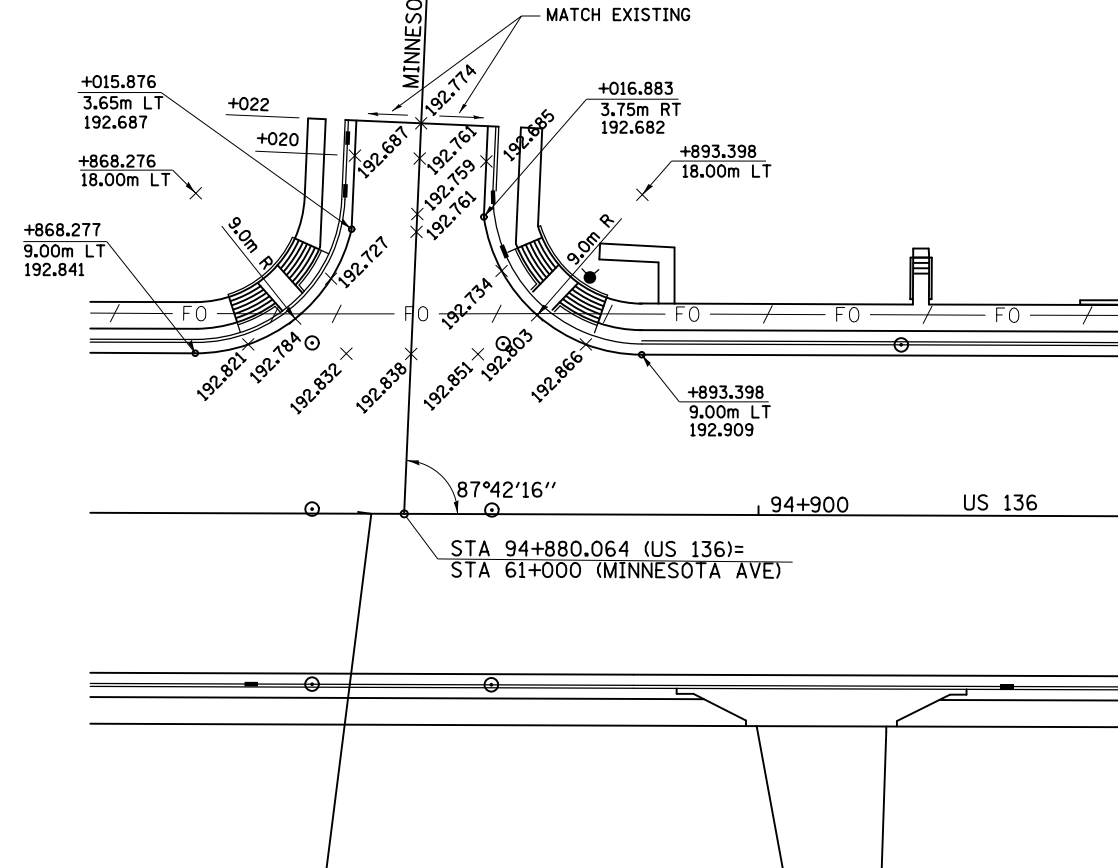
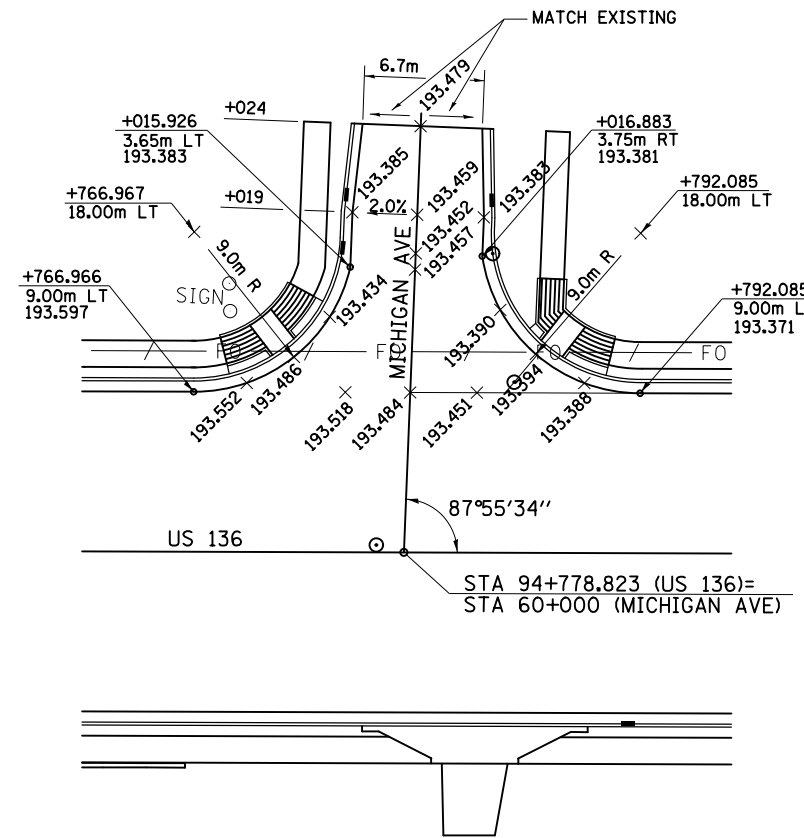
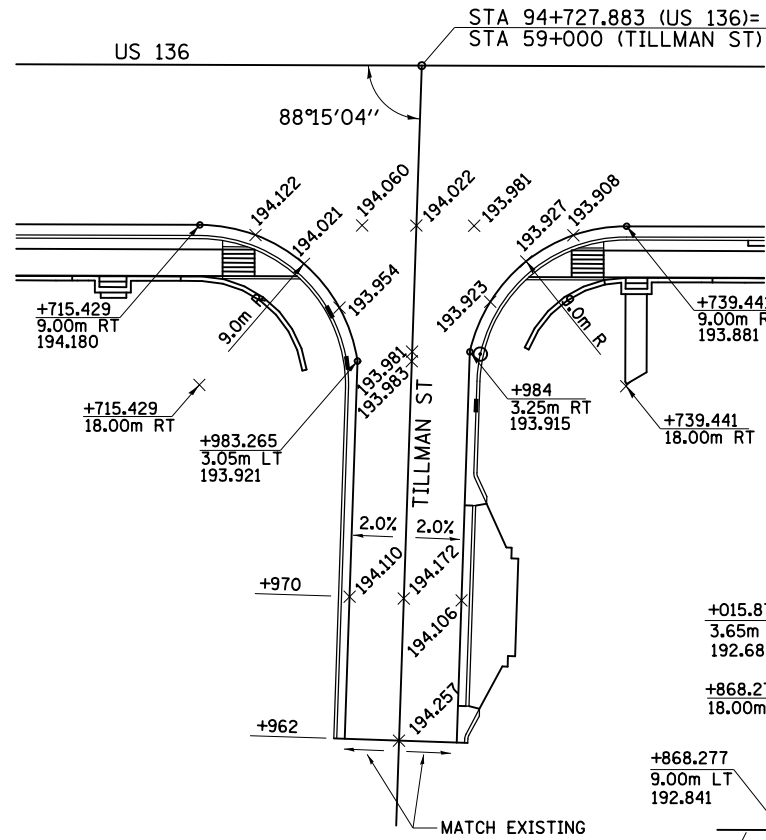
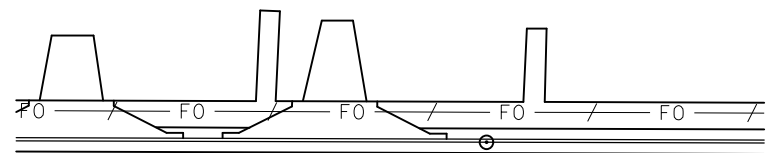
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS

DATE AUGUST 2003

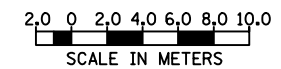
DRAWN BY VCF
CHECKED BY AWM

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	107
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



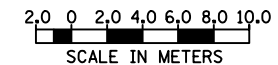
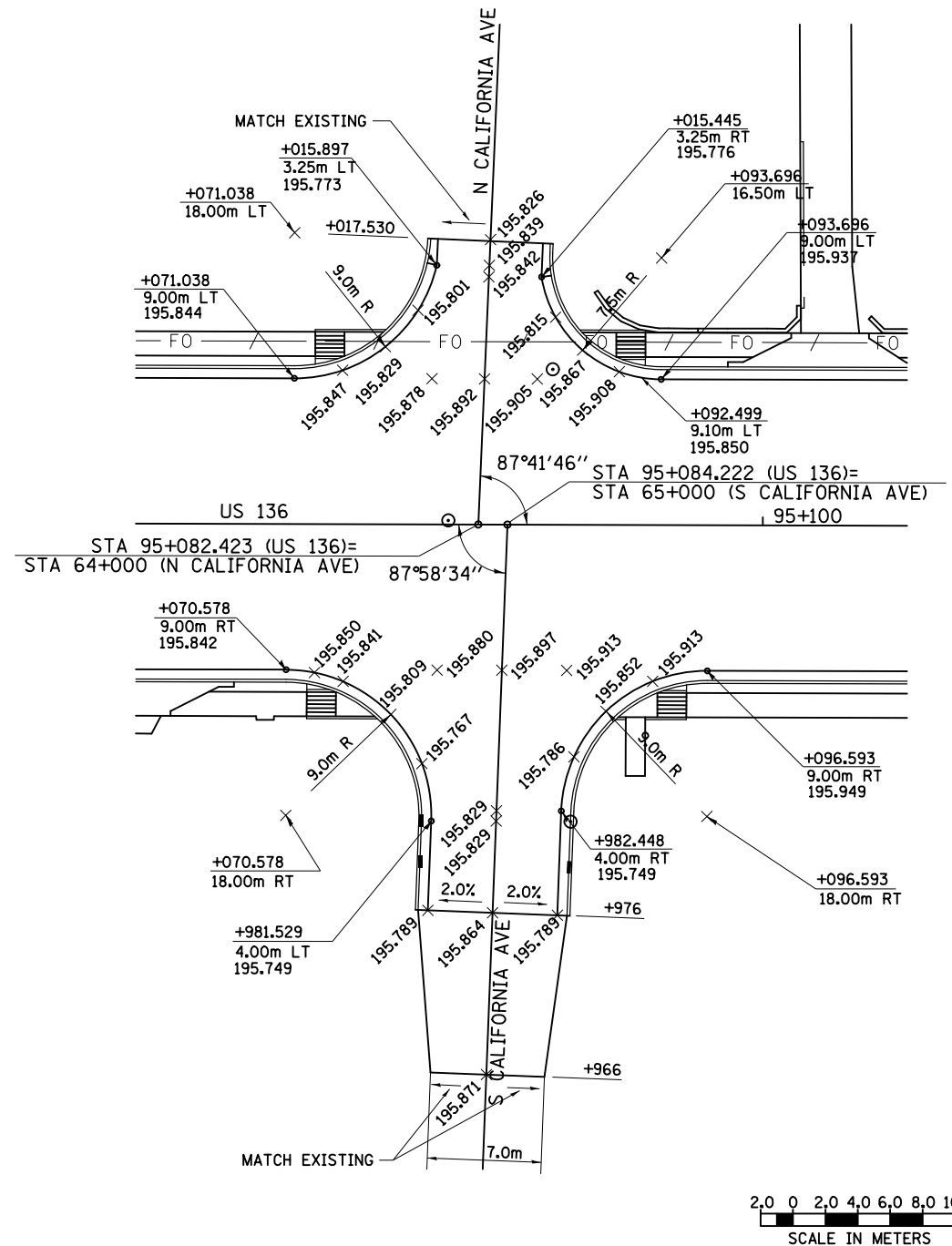
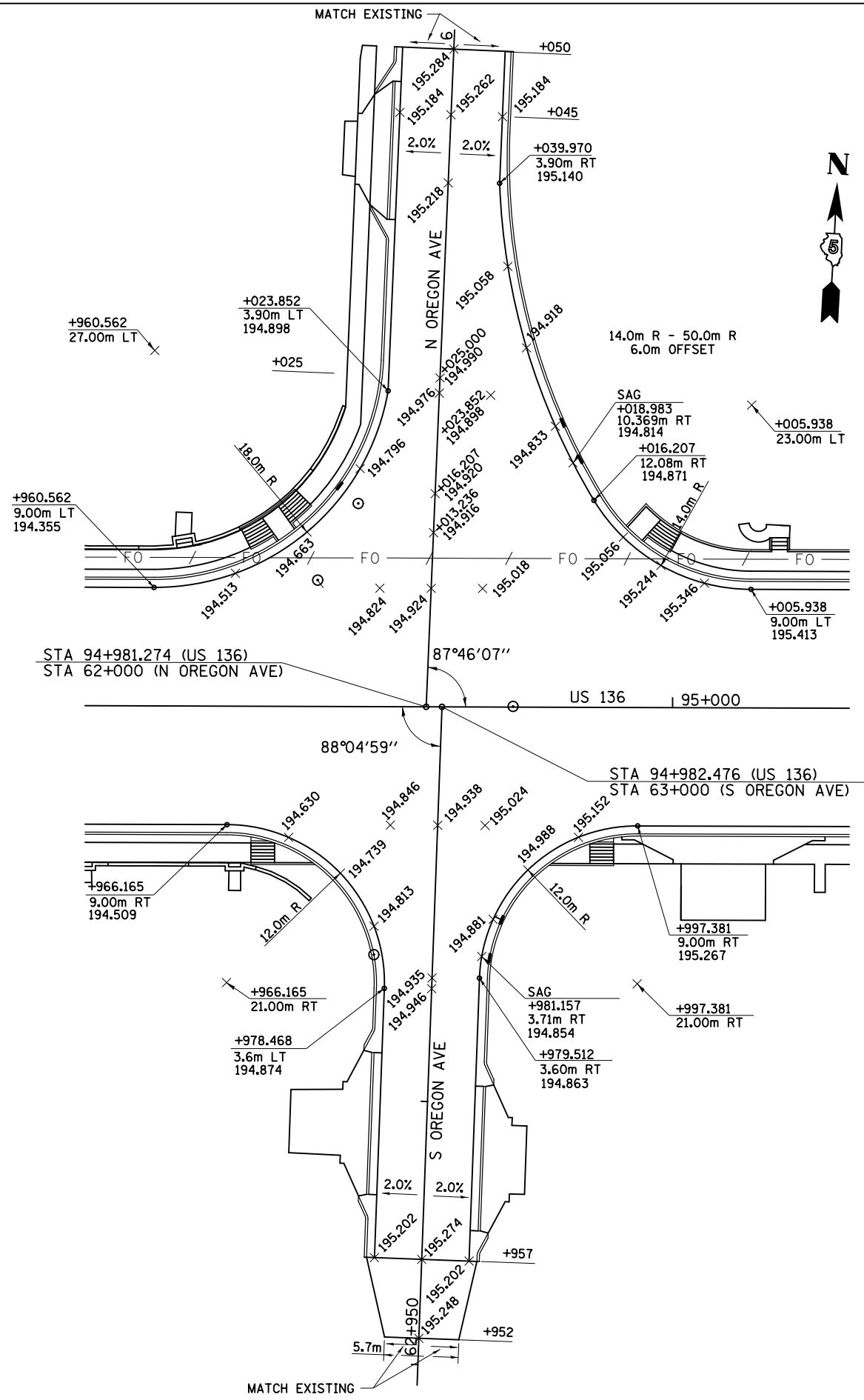
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INTERSECTION DETAILS
NAME	DATE	
		DRAWN BY VCF CHECKED BY AWM DATE AUGUST 2003

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	108
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



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REVISIONS	
NAME	DATE

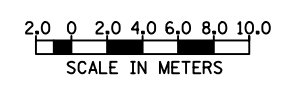
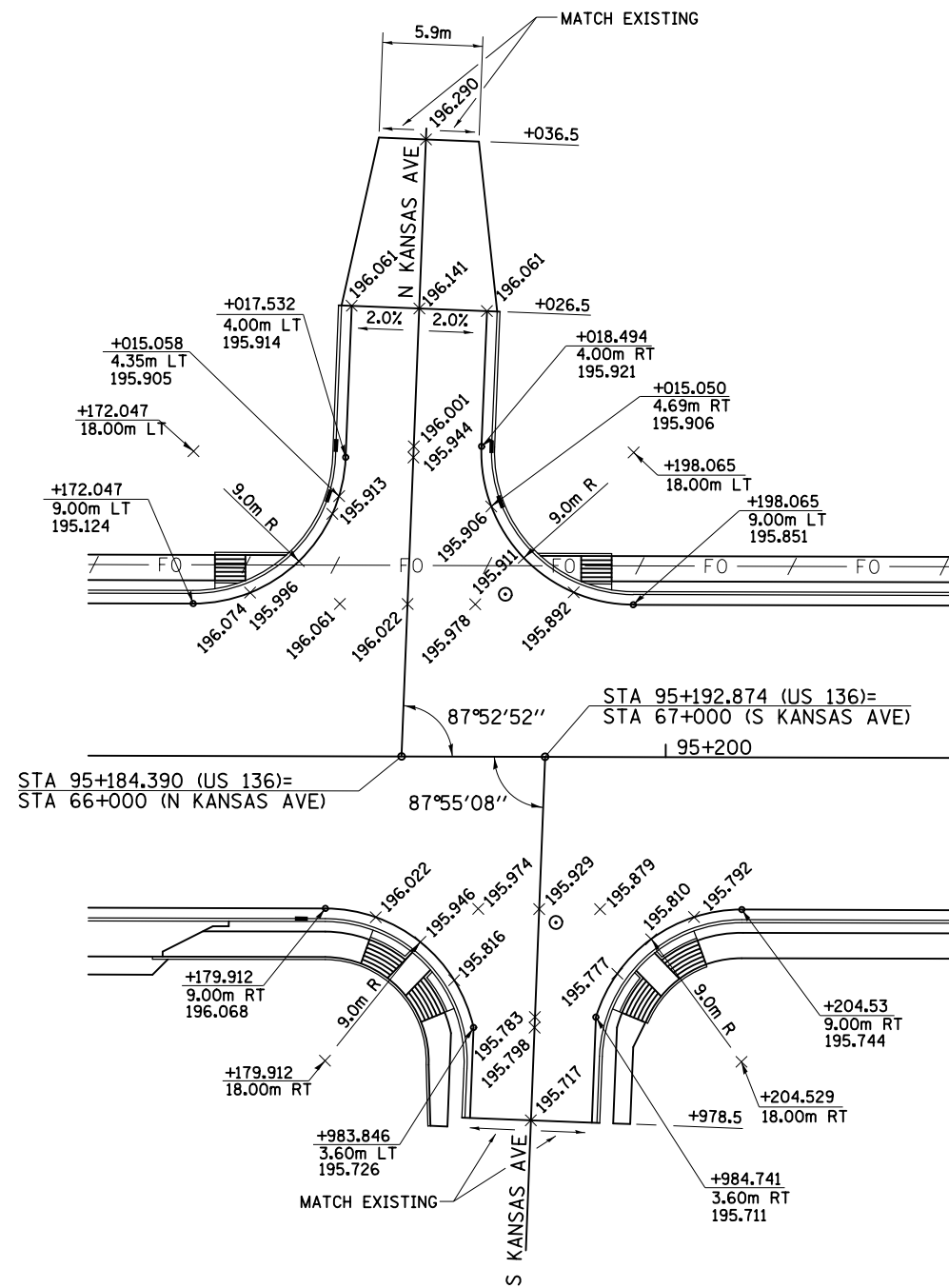
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS

DATE AUGUST 2003

DRAWN BY VCF
CHECKED BY AWM

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	109
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



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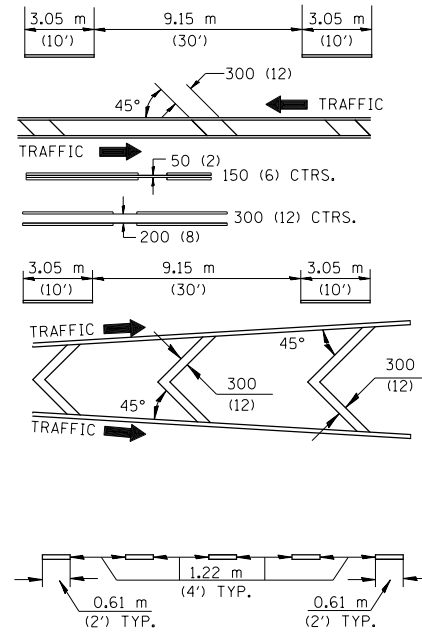
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INTERSECTION DETAILS
NAME	DATE	
		DRAWN BY VCF CHECKED BY AWM DATE AUGUST 2003

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	110
STA. 93+951.420		TO STA. 94+275.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

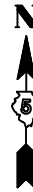
TYPICAL PAVEMENT MARKING LEGEND

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



TYPICAL PAVEMENT MARKERS LEGEND

- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER
- ◄ ONE-WAY AMBER MARKER



THERMOPLASTIC PAVEMENT MARKING -- LINE 150 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
94+066.4	WHITE - CROSSWALKS	47.9
94+092.8	SOLID	42.7
	SUBTOTAL	90.6
	SHEET TOTAL	90.6

PAINT PAVEMENT MARKING -- LINE 150 mm

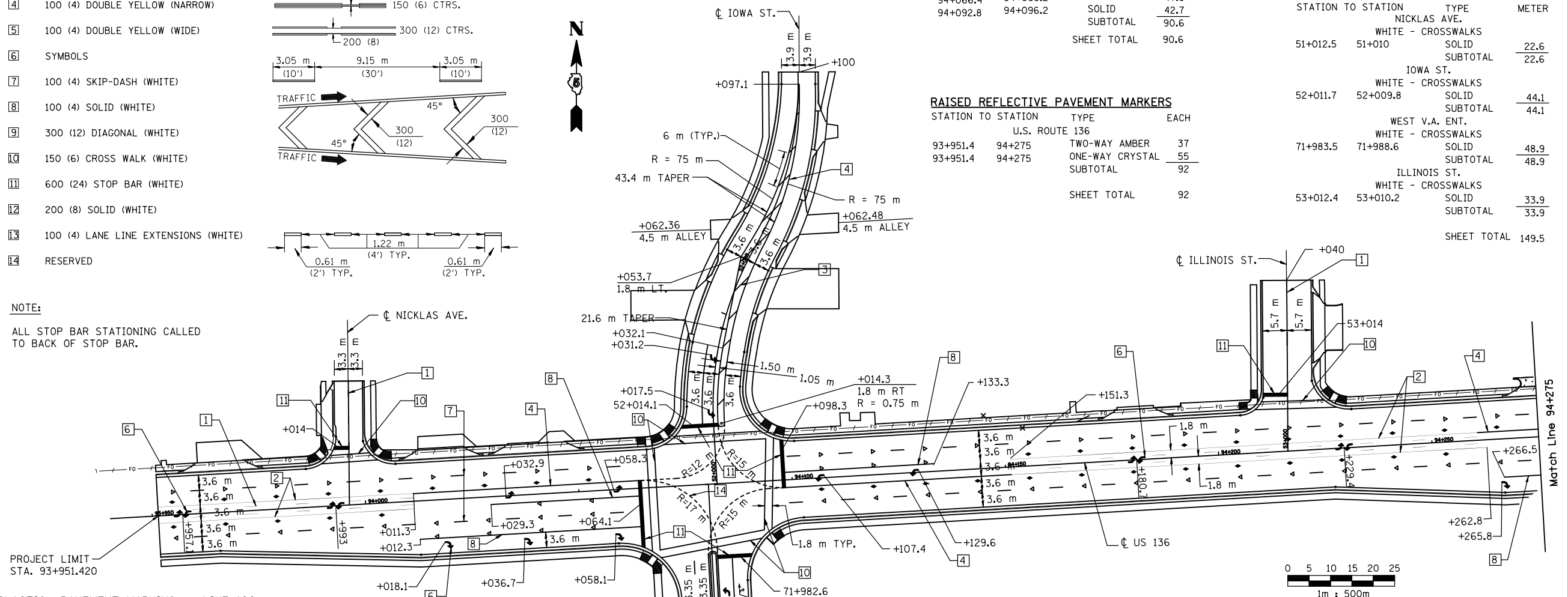
STATION TO STATION	TYPE	METER
NICKLAS AVE.		
51+012.5	WHITE - CROSSWALKS	22.6
51+010	SOLID	22.6
	SUBTOTAL	45.2
IOWA ST.		
52+011.7	WHITE - CROSSWALKS	44.1
52+009.8	SOLID	44.1
	SUBTOTAL	88.2
WEST V.A. ENT.		
71+983.5	WHITE - CROSSWALKS	48.9
71+988.6	SOLID	48.9
	SUBTOTAL	97.8
ILLINOIS ST.		
53+012.4	WHITE - CROSSWALKS	33.9
53+010.2	SOLID	33.9
	SUBTOTAL	67.8
	SHEET TOTAL	149.5

RAISED REFLECTIVE PAVEMENT MARKERS

STATION TO STATION	TYPE	EACH
U.S. ROUTE 136		
93+951.4	94+275 TWO-WAY AMBER	37
93+951.4	94+275 ONE-WAY CRYSTAL	55
	SUBTOTAL	92
	SHEET TOTAL	92

NOTE:

ALL STOP BAR STATIONING CALLED TO BACK OF STOP BAR.



THERMOPLASTIC PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE		
LT 93+951.4	94+064.1 SKIP-DASH	28.2
RT 93+951.4	94+064.1 SKIP-DASH	28.2
LT 94+098.3	94+275 SKIP-DASH	46.0
RT 94+098.3	94+275 SKIP-DASH	46.0
	SUBTOTAL	148.4
WHITE		
LT 93+951.4	94+133.3 SOLID	35
RT 93+951.4	94+064.1 SOLID	34.8
RT 94+012.3	94+064.1 SOLID	51.8
RT 94+266.5	94+275 SOLID	8.5
	SUBTOTAL	130.1
YELLOW		
LT 93+951.4	94+011.3 SKIP-DASH	15.3
RT 93+951.4	94+011.3 SKIP-DASH	15.3
LT 94+151.3	94+262.8 SKIP-DASH	27.5
RT 94+151.3	94+262.8 SKIP-DASH	27.5
	SUBTOTAL	85.6
YELLOW		
LT 93+951.4	94+011.3 SOLID	59.9
RT 93+951.4	94+011.3 SOLID	59.9
LT 94+011.3	94+064.1 SOLID	105.6
RT 94+098.3	94+151.3 SOLID	106
LT 94+151.3	94+275 SOLID	123.7
RT 94+151.3	94+275 SOLID	123.7
	SUBTOTAL	578.8
	SHEET TOTAL	942.8

PAINT PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
NICKLAS AVE.		
YELLOW		
51+014	51+029 SKIP-DASH	5.9
	SUBTOTAL	5.9
IOWA ST.		
WHITE		
LT 52+014.1	52+032.1 SOLID	18
	SUBTOTAL	18
YELLOW		
52+13.5	52+100 SOLID	328.2
	SUBTOTAL	328.2
WEST V.A. ENT.		
WHITE		
LT 71+950	71+982.6 SKIP-DASH	9.2
	SUBTOTAL	9.2
WHITE		
RT 71+950	71+982.6 SOLID	32.6
	SUBTOTAL	32.6
YELLOW		
71+950	71+971.2 SOLID	84.5
	SUBTOTAL	84.5
ILLINOIS ST.		
YELLOW		
53+014	53+040 SKIP-DASH	7.7
	SUBTOTAL	7.7
	SHEET TOTAL	486.1

PAINT PAVEMENT MARKING -- LINE 300 mm

STATION TO STATION	TYPE	METER
IOWA ST.		
YELLOW		
52+13.5	52+097.1 SOLID	39
	SUBTOTAL	39
WEST V.A. ENT.		
YELLOW		
71+950	71+971.2 SOLID	3.7
	SUBTOTAL	3.7
	SHEET TOTAL	42.7

THERMOPLASTIC PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE - STOPBARS		
LT 94+097.7	94+098.3 SOLID	11.3
RT 94+064.1	94+064.7 SOLID	15.8
	SUBTOTAL	27.1
	SHEET TOTAL	27.1

THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ.M.
U.S. ROUTE 136			
LT93+952	94+275 ARROW	WHITE	23.6
	SUBTOTAL		23.6
	SHEET TOTAL		23.6

PAINT PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
NICKLAS AVE.		
WHITE - STOPBARS		
LT 51+013.4	51+014 SOLID	3.6
	SUBTOTAL	3.6
IOWA ST.		
WHITE - STOPBARS		
LT 52+013.5	52+014.1 SOLID	9
	SUBTOTAL	9
WEST V.A. ENT.		
WHITE - STOPBARS		
RT 71+982.6	71+983.2 SOLID	8.2
	SUBTOTAL	8.2
ILLINOIS ST.		
WHITE - STOPBARS		
LT 53+013.4	53+014 SOLID	5.7
	SUBTOTAL	5.7
	SHEET TOTAL	26.5

PAINT PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ.M.
IOWA ST.			
RT52+014	52+032 ARROW	WHITE	3
	SUBTOTAL		3
WEST V.A. ENT.			
71+956	71+982 ARROW	WHITE	8.2
	SUBTOTAL		8.2
	SHEET TOTAL		11.2

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKINGS U.S. ROUTE 136 SCALE 1:500 DRAWN BY WX DATE 08/03 CHECKED BY IYL

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 8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	111
STA. 94+275		TO STA. 94+650		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

THERMOPLASTIC PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE		
LT 94+275 94+313.7	SKIP-DASH	9.7
RT 94+275 94+313.7	SKIP-DASH	9.7
LT 94+347.1 94+650	SKIP-DASH	75.8
RT 94+347.1 94+650	SKIP-DASH	75.8
	SUBTOTAL	171
WHITE		
LT 94+347.1 94+382.1	SOLID	35
RT 94+275 94+313.7	SOLID	38.7
RT 94+280.8 94+313.7	SOLID	32.9
	SUBTOTAL	106.6
YELLOW		
LT 94+400.1 94+650	SKIP-DASH	62.5
RT 94+400.1 94+650	SKIP-DASH	62.5
	SUBTOTAL	125
YELLOW		
LT 94+275 94+313.7	SOLID	77.4
RT 94+347.1 94+400.1	SOLID	106
LT 94+400.1 94+650	SOLID	249.9
RT 94+400.1 94+650	SOLID	249.9
	SUBTOTAL	683.2
	SHEET TOTAL	1085.8

PAINT PAVEMENT MARKING -- LINE 100 mm

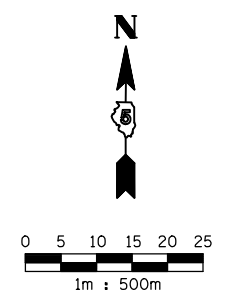
STATION TO STATION	TYPE	METER
INDIANA AVE.		
54+014.1 54+036	SKIP-DASH	6.1
	SUBTOTAL	6.1
WEST D.A.C.C. ENT.		
RT 72+976 72+985.9	SOLID	9.9
	SUBTOTAL	9.9
YELLOW		
72+959 72+976	SOLID	68.4
	SUBTOTAL	68.4
OHIO ST.		
55+014 55+022	SKIP-DASH	3.1
	SUBTOTAL	3.1
EAST D.A.C.C. ENT.		
73+980 73+986	SKIP-DASH	3.1
	SUBTOTAL	3.1
EAST V.A. ENT.		
74+986 74+949.5	SKIP-DASH	3.1
	SUBTOTAL	3.1
PENNSYLVANIA AVE.		
56+014 56+021.5	SKIP-DASH	3.1
	SUBTOTAL	3.1
HOME AVE.		
56+971 56+987	SKIP-DASH	6.1
	SUBTOTAL	6.1
	SHEET TOTAL	102.9

THERMOPLASTIC PAVEMENT MARKING -- LINE 150 mm

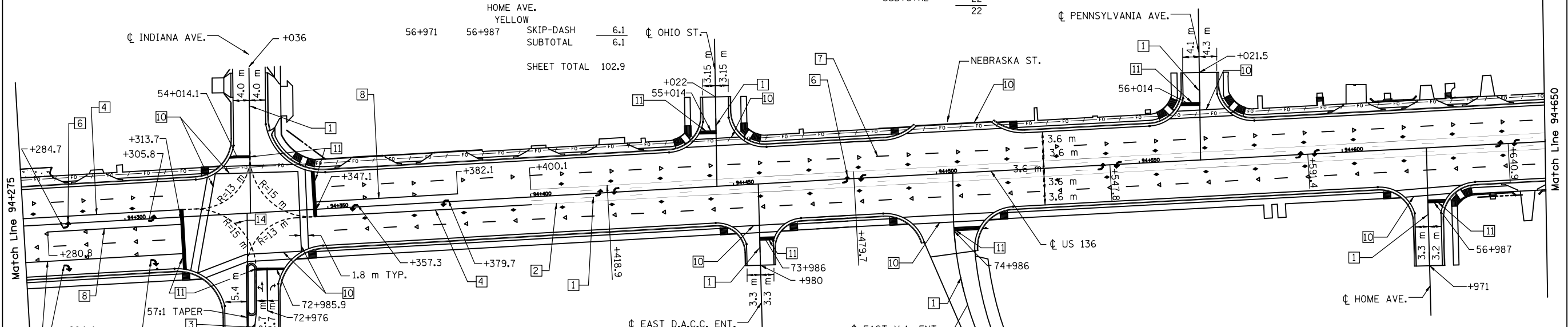
STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE - CROSSWALKS		
94+315.4 94+322.8	SOLID	48.1
94+342.9 94+344.9	SOLID	39.1
	SUBTOTAL	87.2
	SHEET TOTAL	87.2
PAINT PAVEMENT MARKING -- LINE 150 mm		
STATION TO STATION	TYPE	METER
INDIANA AVE.		
54+009.6 54+011.8	WHITE - CROSSWALKS	37.5
	SUBTOTAL	37.5
WEST D.A.C.C. ENT.		
72+984.2 72+990.5	WHITE - CROSSWALKS	48.5
	SUBTOTAL	48.5
OHIO ST.		
55+010.1 55+012.4	WHITE - CROSSWALKS	26.9
	SUBTOTAL	26.9
EAST D.A.C.C. ENT.		
73+987.9 73+989.6	WHITE - CROSSWALKS	22
	SUBTOTAL	22

PAINT PAVEMENT MARKING -- LINE 150 mm

STATION TO STATION	TYPE	METER
NEBRASKA ST.		
94+493.2 94+516.7	WHITE - CROSSWALKS	41.9
	SUBTOTAL	41.9
EAST V.A. ENT.		
74+986.2 74+991.3	WHITE - CROSSWALKS	23.9
	SUBTOTAL	23.9
PENNSYLVANIA AVE.		
56+010.2 56+012.5	WHITE - CROSSWALKS	27.8
	SUBTOTAL	27.8
HOME AVE.		
56+988 56+990.6	WHITE - CROSSWALKS	27.8
	SUBTOTAL	27.8
	SHEET TOTAL	256.3



NOTE:
 1. SEE SHEET 1 OF 5 FOR PAVEMENT MARKING LEGEND.
 2. ALL STOP BAR STATIONING CALLED TO BACK OF STOP BAR.



THERMOPLASTIC PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE - STOPBARS		
LT 94+346.5 94+347.1	SOLID	11.2
RT 94+313.7 94+314.3	SOLID	14.8
	SUBTOTAL	26
	SHEET TOTAL	26

PAINT PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
EAST D.A.C.C. ENT.		
RT 73+986 73+986.6	WHITE - STOPBARS	3.6
	SUBTOTAL	3.6
EAST V.A. ENT.		
RT 74+986 74+986	WHITE - STOPBARS	5
	SUBTOTAL	5
PENNSYLVANIA AVE.		
LT 56+013.4 56+014	WHITE - STOPBARS	4.7
	SUBTOTAL	4.7
HOME AVE.		
RT 56+987 56+987.6	WHITE - STOPBARS	4.4
	SUBTOTAL	4.4
	SHEET TOTAL	34.7

PAINT PAVEMENT MARKING -- LINE 300 mm

STATION TO STATION	TYPE	METER
WEST D.A.C.C. ENT.		
72+959 72+976	YELLOW	3.8
	SUBTOTAL	3.8
	SHEET TOTAL	3.8

THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ. M.
U.S. ROUTE 136			
94+275 94+650	ARROW	WHITE	23.6
	SUBTOTAL		23.6
	SHEET TOTAL		23.6

PAINT PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ. M.
WEST D.A.C.C. ENT.			
RT 72+976 72+986	ARROW	WHITE	3.6
	SUBTOTAL		3.6
	SHEET TOTAL		3.6

RAISED REFLECTIVE PAVEMENT MARKERS

STATION TO STATION	TYPE	EACH
U.S. ROUTE 136		
94+275 94+650	TWO-WAY AMBER	47
94+275 94+650	ONE-WAY CRYSTAL	62
	SUBTOTAL	109
	SHEET TOTAL	109

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKINGS U.S. ROUTE 136 SCALE 1:500 DRAWN BY WX DATE 08/03 CHECKED BY IYL

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 8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	112
STA. 94+650		TO STA. 95+025		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

THERMOPLASTIC PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE		
LT 94+650	94+965.5 SKIP-DASH	78.9
RT 94+650	94+965.5 SKIP-DASH	78.9
LT 95+000.9	95+025 SKIP-DASH	6.1
RT 95+000.9	95+025 SKIP-DASH	6.1
	SUBTOTAL	170
WHITE		
LT 95+000.9	95+025 SOLID	24.1
RT 94+918.5	94+965.5 SOLID	47
	SUBTOTAL	71.1
YELLOW		
LT 94+650	94+900.5 SKIP-DASH	62.7
RT 94+650	94+900.5 SKIP-DASH	62.7
	SUBTOTAL	125.4
YELLOW		
LT 94+650	94+900.5 SOLID	250.5
RT 94+650	94+900.5 SOLID	250.5
LT 94+900.5	94+965.5 SOLID	130
RT 95+000.9	95+025 SOLID	48.2
	SUBTOTAL	679.2
	SHEET TOTAL	1045.7

PAINT PAVEMENT MARKING -- LINE 100 mm

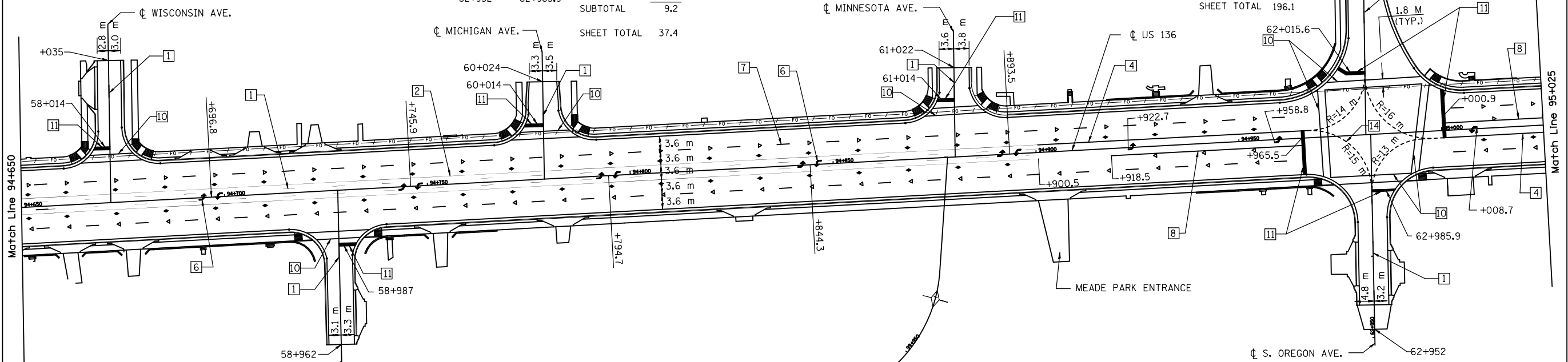
STATION TO STATION	TYPE	METER
WISCONSIN AVE.		
YELLOW		
58+014	58+035 SKIP-DASH	6.1
	SUBTOTAL	6.1
TILLMAN ST.		
YELLOW		
58+962	58+987 SKIP-DASH	6.7
	SUBTOTAL	6.7
MICHIGAN AVE.		
YELLOW		
60+014	60+024 SKIP-DASH	3.1
	SUBTOTAL	3.1
MINNESOTA AVE.		
YELLOW		
61+014	61+022 SKIP-DASH	3.1
	SUBTOTAL	3.1
N. OREGON AVE.		
YELLOW		
62+015.6	62+050 SKIP-DASH	9.2
	SUBTOTAL	9.2
S. OREGON AVE.		
YELLOW		
62+952	62+985.9 SKIP-DASH	9.2
	SUBTOTAL	9.2
	SHEET TOTAL	37.4

THERMOPLASTIC PAVEMENT MARKING -- LINE 150 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE - CROSSWALKS		
94+968	94+970 SOLID	41
94+992.9	94+999.2 SOLID	43.2
	SUBTOTAL	84.2
	SHEET TOTAL	84.2

PAINT PAVEMENT MARKING -- LINE 150 mm

STATION TO STATION	TYPE	METER
WISCONSIN AVE.		
WHITE - CROSSWALKS		
58+004.8	58+006.6 SOLID	25.9
	SUBTOTAL	25.9
TILLMAN ST.		
WHITE - CROSSWALKS		
58+988	58+990.2 SOLID	26.4
	SUBTOTAL	26.4
MICHIGAN AVE.		
WHITE - CROSSWALKS		
60+009.7	60+012 SOLID	29.1
	SUBTOTAL	29.1
MINNESOTA AVE.		
WHITE - CROSSWALKS		
61+010.1	61+012.5 SOLID	26.6
	SUBTOTAL	26.6
N. OREGON AVE.		
WHITE - CROSSWALKS		
62+011.1	62+014.1 SOLID	51.1
	SUBTOTAL	51.1
S. OREGON AVE.		
WHITE - CROSSWALKS		
62+987.8	62+990.3 SOLID	37
	SUBTOTAL	37
	SHEET TOTAL	196.1



THERMOPLASTIC PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE - STOPBARS		
LT 95+000.3	95+000.9 SOLID	12
RT 94+965.5	94+966.1 SOLID	10.9
	SUBTOTAL	22.9
	SHEET TOTAL	22.9

PAINT PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
WISCONSIN AVE.		
WHITE - STOPBARS		
LT 58+013.4	58+014 SOLID	4
	SUBTOTAL	4
TILLMAN ST.		
WHITE - STOPBARS		
RT 58+987	58+987.6 SOLID	4.3
	SUBTOTAL	4.3
MICHIGAN AVE.		
WHITE - STOPBARS		
LT 60+013.4	60+014 SOLID	4.7
	SUBTOTAL	4.7
MINNESOTA AVE.		
WHITE - STOPBARS		
LT 61+013.4	61+014 SOLID	4.3
	SUBTOTAL	4.3
N. OREGON AVE.		
WHITE - STOPBARS		
LT 62+015	62+015.6 SOLID	7.2
	SUBTOTAL	7.2
S. OREGON AVE.		
WHITE - STOPBARS		
RT 61+985.9	61+986.5 SOLID	5.9
	SUBTOTAL	5.9
	SHEET TOTAL	30.3

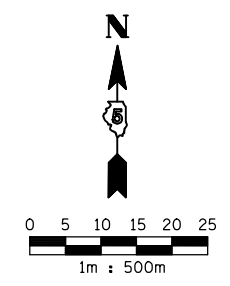
THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ. M.
U.S. ROUTE 136			
94+650	95+025	ARROW	19.2
		SUBTOTAL	19.2
		SHEET TOTAL	19.2

RAISED REFLECTIVE PAVEMENT MARKERS

STATION TO STATION	TYPE	EACH	
U.S. ROUTE 136			
94+650	95+025	TWO-WAY AMBER	49
94+650	95+025	ONE-WAY CRYSTAL	60
		SUBTOTAL	109
		SHEET TOTAL	109

NOTE:
 1. SEE SHEET 1 OF 5 FOR PAVEMENT MARKING LEGEND.
 2. ALL STOP BAR STATIONING CALLED TO BACK OF STOP BAR.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKINGS U.S. ROUTE 136 SCALE 1:500 DRAWN BY WX DATE 08/03 CHECKED BY IYL

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 8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	113
STA. 95+025		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

THERMOPLASTIC PAVEMENT MARKING -- LINE 100 mm

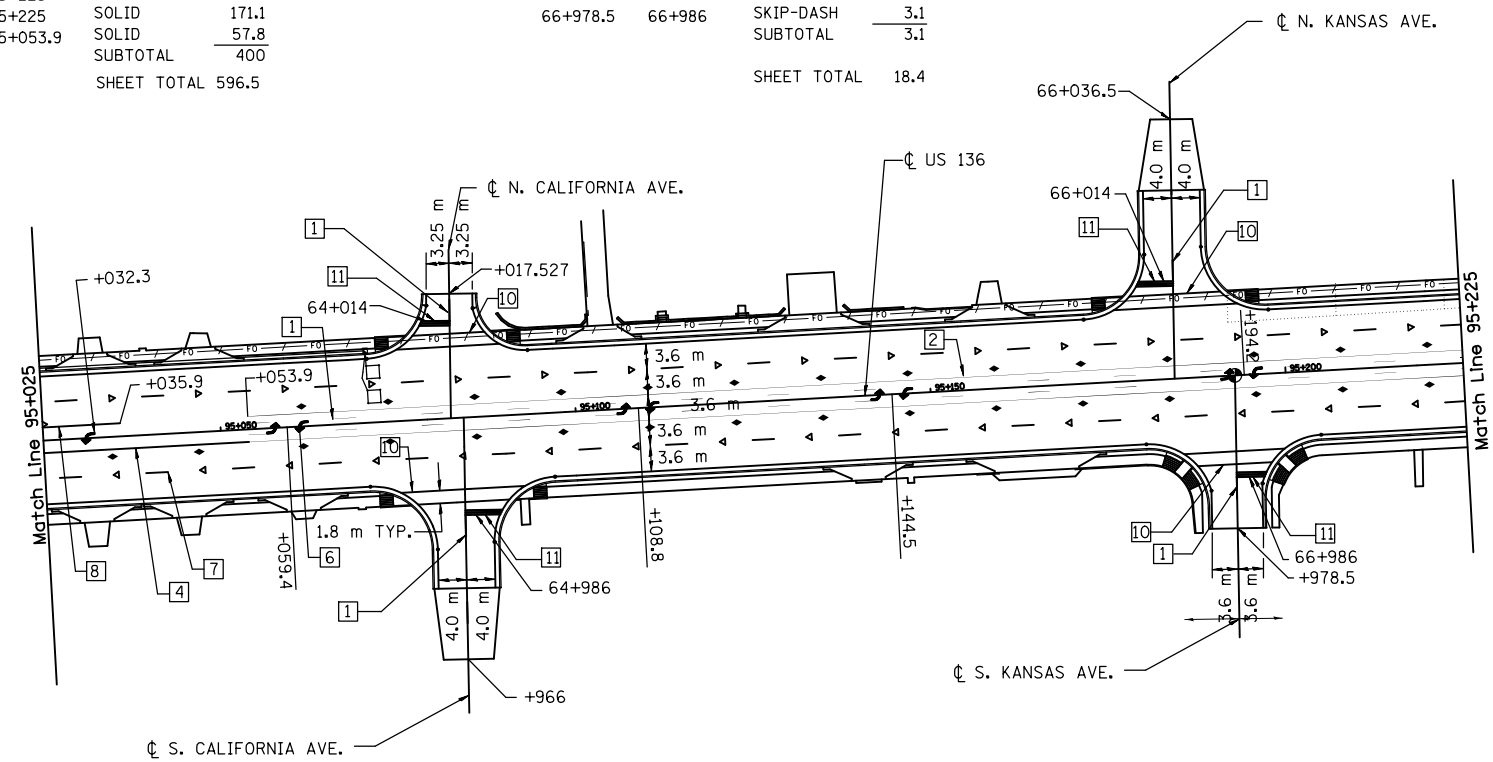
STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE		
LT 95+025 95+225	SKIP-DASH	50
RT 95+025 95+225	SKIP-DASH	50
	SUBTOTAL	100
WHITE		
LT 95+025 95+035.9	SOLID	10.9
	SUBTOTAL	10.9
YELLOW		
LT 95+053.9 95+225	SKIP-DASH	42.8
RT 95+053.9 95+225	SKIP-DASH	42.8
	SUBTOTAL	85.6
YELLOW		
LT 95+053.9 95+225	SOLID	171.1
RT 95+053.9 95+225	SOLID	171.1
RT 95+025 95+053.9	SOLID	57.8
	SUBTOTAL	400
	SHEET TOTAL	596.5

PAINT PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
N. CALIFORNIA AVE.		
YELLOW		
64+014 64+017.527	SKIP-DASH	3.1
	SUBTOTAL	3.1
S. CALIFORNIA AVE.		
YELLOW		
64+966 64+986	SKIP-DASH	6.1
	SUBTOTAL	6.1
N. KANSAS AVE.		
YELLOW		
66+014 66+036.5	SKIP-DASH	6.1
	SUBTOTAL	6.1
S. KANSAS AVE.		
YELLOW		
66+978.5 66+986	SKIP-DASH	3.1
	SUBTOTAL	3.1
	SHEET TOTAL	18.4

THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ. M.
U.S. ROUTE 136			
95+025 95+225	ARROW	WHITE	13.3
	SUBTOTAL		13.3
	SHEET TOTAL		13.3



RAISED REFLECTIVE PAVEMENT MARKERS

STATION TO STATION	TYPE	EACH
U.S. ROUTE 136		
95+025 95+225	TWO-WAY AMBER	30
95+025 95+225	ONE-WAY CRYSTAL	32
	SUBTOTAL	62
	SHEET TOTAL	62

PAINT PAVEMENT MARKING -- LINE 150 mm

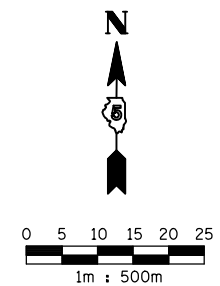
STATION TO STATION	TYPE	METER
N. CALIFORNIA AVE.		
WHITE - CROSSWALKS		
64+009.78 64+012.08	SOLID	24.7
	SUBTOTAL	24.7
S. CALIFORNIA AVE.		
WHITE - CROSSWALKS		
64+987.89 64+990.22	SOLID	30.4
	SUBTOTAL	30.4
N. KANSAS AVE.		
WHITE - CROSSWALKS		
66+012.13 66+009.77	SOLID	30.4
	SUBTOTAL	30.4
S. KANSAS AVE.		
WHITE - CROSSWALKS		
66+987.32 66+989.57	SOLID	24.6
	SUBTOTAL	24.6
	SHEET TOTAL	110.1

PAINT PAVEMENT MARKING -- LINE 600 mm

STATION TO STATION	TYPE	METER
N. CALIFORNIA AVE.		
WHITE - STOPBARS		
LT 64+013.4 64+014	SOLID	4.3
	SUBTOTAL	4.3
S. CALIFORNIA AVE.		
WHITE - STOPBARS		
RT 64+986 64+986.6	SOLID	5.2
	SUBTOTAL	5.2
N. KANSAS AVE.		
WHITE - STOPBARS		
LT 66+013.4 66+014	SOLID	5.2
	SUBTOTAL	5.2
S. KANSAS AVE.		
WHITE - STOPBARS		
RT 66+986 66+986.6	SOLID	4.2
	SUBTOTAL	4.2
	SHEET TOTAL	18.9

NOTE:

- SEE SHEET 1 OF 5 FOR PAVEMENT MARKING LEGEND.
- ALL STOP BAR STATIONING CALLED TO BACK OF STOP BAR.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKINGS U.S. ROUTE 136 SCALE 1:500 DRAWN BY WX DATE 08/03 CHECKED BY IYL

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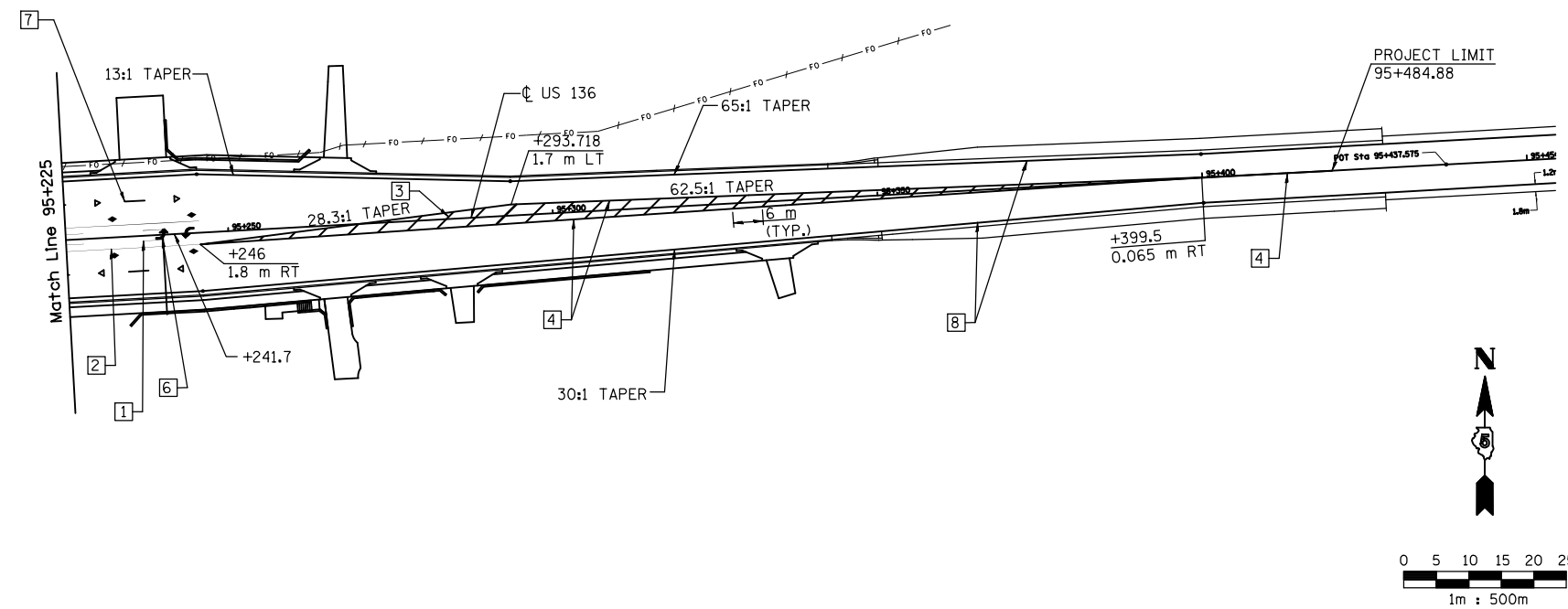
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	114
STA. 95+025		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

THERMOPLASTIC PAVEMENT MARKING -- LINE 100 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
WHITE		
LT 95+225	95+246 SKIP-DASH	5.3
RT 95+225	95+246 SKIP-DASH	5.3
	SUBTOTAL	10.6
YELLOW		
LT 95+225	95+246 SKIP-DASH	5.3
RT 95+225	95+246 SKIP-DASH	5.3
RT 95+424	95+485 SKIP-DASH	15.3
	SUBTOTAL	25.9
YELLOW		
LT 95+225	95+246 SOLID	21
RT 95+225	95+246 SOLID	21
95+246	95+485 SOLID	727
	SUBTOTAL	769
WHITE		
LT 95+350	95+485 SOLID	135
RT 95+350	95+485 SOLID	135
	SUBTOTAL	270
	SHEET TOTAL	1075.5

THERMOPLASTIC PAVEMENT MARKING -- LINE 300 mm

STATION TO STATION	TYPE	METER
U.S. ROUTE 136		
YELLOW		
95+246	95+399.5 SOLID	75
	SUBTOTAL	75
	SHEET TOTAL	75



THERMOPLASTIC PAVEMENT MARKING -- LETTERS AND SYMBOLS

STATION TO STATION	TYPE	COLOR	SQ. M.
U.S. ROUTE 136			
95+225	95+246	ARROW	WHITE
			3
		SUBTOTAL	3
		SHEET TOTAL	3

RAISED REFLECTIVE PAVEMENT MARKERS

STATION TO STATION	TYPE	EACH
U.S. ROUTE 136		
95+225	95+246	TWO-WAY AMBER
		4
95+400	95+485	TWO-WAY AMBER
		9
95+225	95+246	ONE-WAY CRYSTAL
		4
95+246	95+400	ONE-WAY AMBER
		24
		SUBTOTAL
		41
		SHEET TOTAL
		41

NOTE:

- SEE SHEET 1 OF 5 FOR PAVEMENT MARKING LEGEND.
- ALL STOP BAR STATIONING CALLED TO BACK OF STOP BAR.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKINGS U.S. ROUTE 136
NAME	DATE	
		SCALE 1:500
		DATE 08/03
		DRAWN BY WX
		CHECKED BY IYL

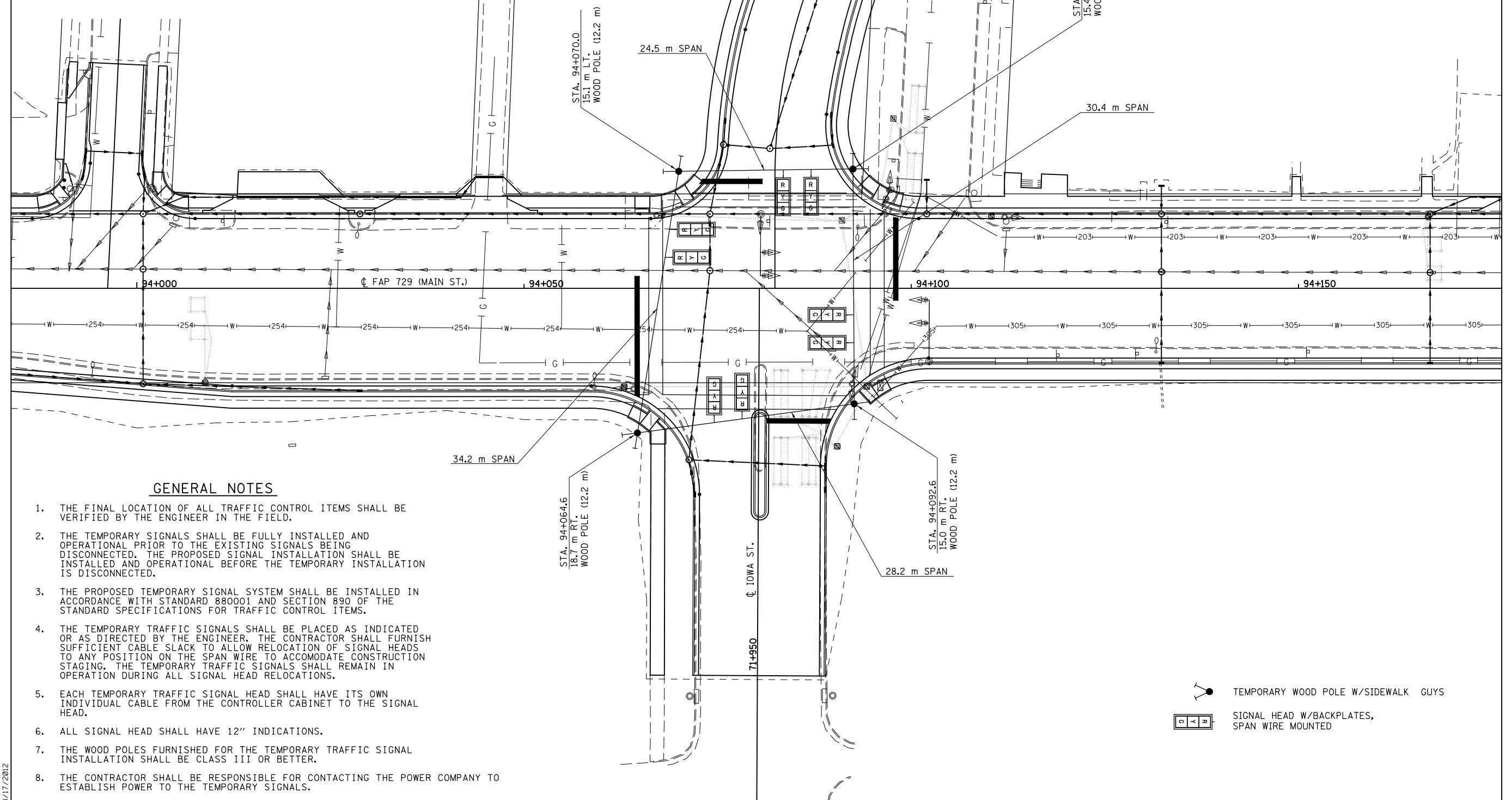
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 8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.) & IOWA STREET



TEMPORARY SIGNAL LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	115
* 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				



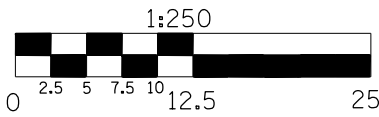
GENERAL NOTES

1. THE FINAL LOCATION OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. THE TEMPORARY SIGNALS SHALL BE FULLY INSTALLED AND OPERATIONAL PRIOR TO THE EXISTING SIGNALS BEING DISCONNECTED. THE PROPOSED SIGNAL INSTALLATION SHALL BE INSTALLED AND OPERATIONAL BEFORE THE TEMPORARY INSTALLATION IS DISCONNECTED.
3. THE PROPOSED TEMPORARY SIGNAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
4. THE TEMPORARY TRAFFIC SIGNALS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH SUFFICIENT CABLE SLACK TO ALLOW RELOCATION OF SIGNAL HEADS TO ANY POSITION ON THE SPAN WIRE TO ACCOMMODATE CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
5. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
6. ALL SIGNAL HEAD SHALL HAVE 12" INDICATIONS.
7. THE WOOD POLES FURNISHED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE CLASS III OR BETTER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE POWER COMPANY TO ESTABLISH POWER TO THE TEMPORARY SIGNALS.

8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.)

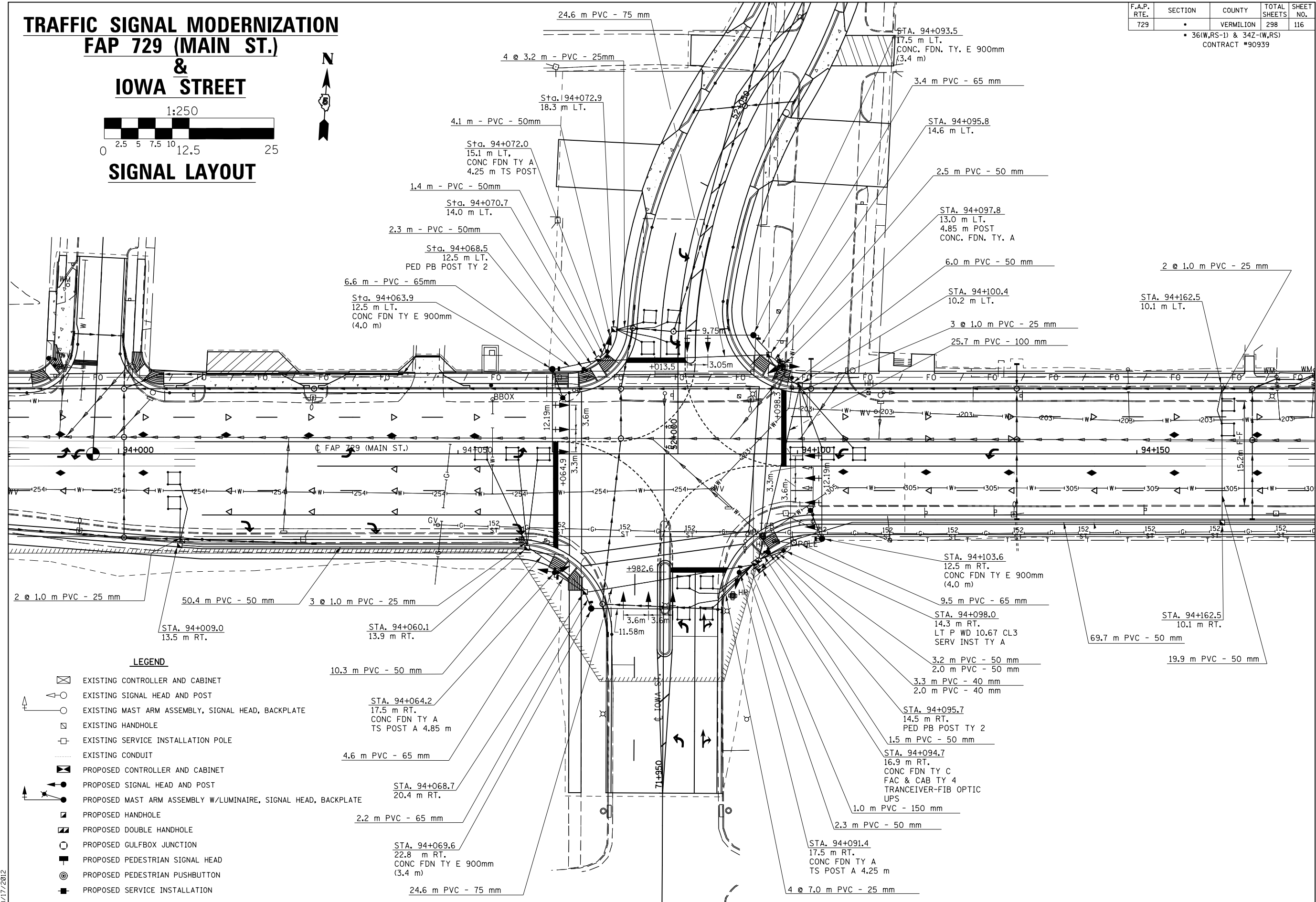
& IOWA STREET



SIGNAL LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	116

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939



LEGEND

- EXISTING CONTROLLER AND CABINET
- EXISTING SIGNAL HEAD AND POST
- EXISTING MAST ARM ASSEMBLY, SIGNAL HEAD, BACKPLATE
- EXISTING HANDHOLE
- EXISTING SERVICE INSTALLATION POLE
- EXISTING CONDUIT
- PROPOSED CONTROLLER AND CABINET
- PROPOSED SIGNAL HEAD AND POST
- PROPOSED MAST ARM ASSEMBLY W/LUMINAIRE, SIGNAL HEAD, BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED GULFBOX JUNCTION
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSHBUTTON
- PROPOSED SERVICE INSTALLATION

8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.) & IOWA STREET

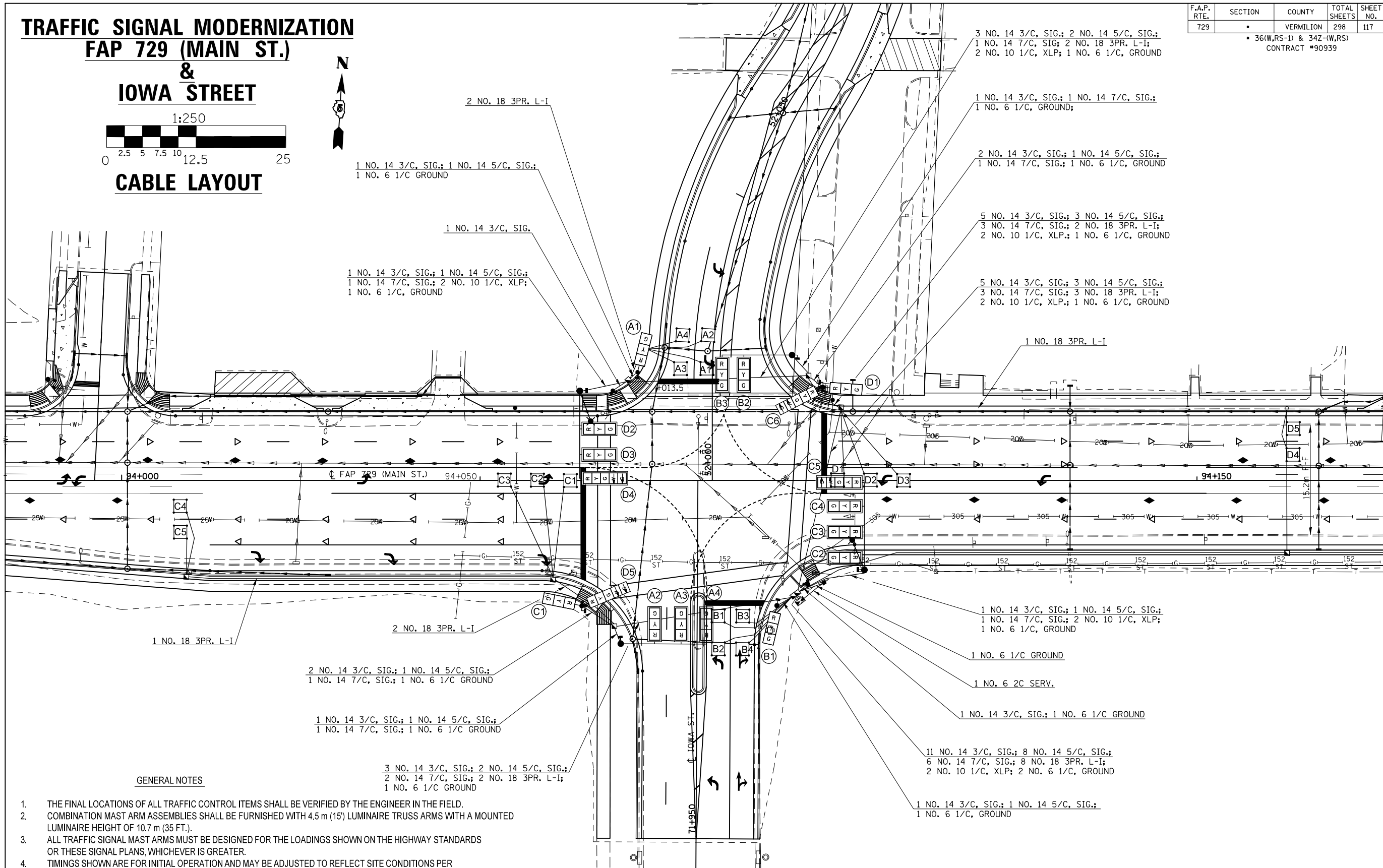


CABLE LAYOUT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	117

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939



GENERAL NOTES

1. THE FINAL LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. COMBINATION MAST ARM ASSEMBLIES SHALL BE FURNISHED WITH 4.5 m (15') LUMINAIRE TRUSS ARMS WITH A MOUNTED LUMINAIRE HEIGHT OF 10.7 m (35 FT.).
3. ALL TRAFFIC SIGNAL MAST ARMS MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.
4. TIMINGS SHOWN ARE FOR INITIAL OPERATION AND MAY BE ADJUSTED TO REFLECT SITE CONDITIONS PER APPROVAL OF THE TRAFFIC OPERATIONS ENGINEER.
5. SIGNAL FACES FOR THE NORTH APPROACH ARE NOTED AS "A", "B" FOR THE SOUTH APPROACH, "C" FOR THE WEST APPROACH, AND "D" FOR THE EAST APPROACH.
6. ITEMS REMOVED WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	118
* 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				

BILL OF MATERIALS

U.S. 136 (MAIN ST.) & IOWA STREET

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1.0
HANDHOLE	EACH	8.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION REMOVAL	EACH	1.0
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
MASTER CONTROLLER	EACH	1.0
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1.0
TRANSCEIVER - FIBER OPTIC	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8.0
TRAFFIC SIGNAL BACKPLATE	EACH	12.0
INDUCTIVE LOOP DETECTOR	EACH	8.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	6.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7.0
UNDERGROUND CONDUIT, PVC, 25MM DIA.	METER	51.0
UNDERGROUND CONDUIT, PVC, 40MM DIA.	METER	4.0
UNDERGROUND CONDUIT, PVC, 50MM DIA.	METER	173.0
UNDERGROUND CONDUIT, PVC, 65MM DIA.	METER	25.0
UNDERGROUND CONDUIT, PVC, 75MM DIA.	METER	50.0
UNDERGROUND CONDUIT, PVC, 100MM DIA.	METER	26.0
UNDERGROUND CONDUIT, PVC, 150MM DIA.	METER	1.0
CONDUIT ATTACHED TO STRUCTURE, 40MM DIA., GALVANIZED STEEL	METER	2.0
CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., GALVANIZED STEEL	METER	2.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	241.0
LIGHT POLE, WOOD, 10.67 METER, CLASS 3	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	435.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	416.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	335.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	519.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	8.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR NO. 6 1 C	METER	190.0
TRAFFIC SIGNAL POST, ALUMINUM 3.65 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.25 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.85 METER	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE, 9.75 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 11.58 METER	EACH	1.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	2.0
CONCRETE FOUNDATION, TYPE A	METER	3.7
CONCRETE FOUNDATION, TYPE C	METER	1.1
CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	14.8
DETECTOR LOOP, TYPE I	METER	234.0

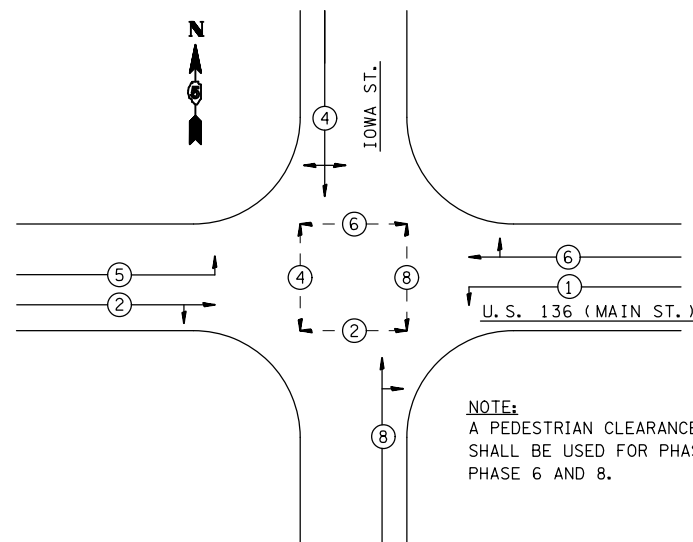
GENERAL NOTES

- THE FOLLOWING SIGNAL HEADS SHALL BE WIRED IN PARALLEL AT THE MAST POLE HANDHOLE: (A2, A3), (B2, B3), (C2, C3), (C4, C5), (D2, D3) - EACH MAST ARM MOUNTED SIGNAL HEAD SHALL HAVE IT'S OWN INDIVIDUAL CABLE FROM THE ACCESS HOLE AT BASE OF MAST POLE TO THE SIGNAL HEAD.
- THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 600 mm OF THE FACE OF CURB.
- ALL MAST ARM POLES SHALL BE A MINIMUM OF 1.8 m FROM THE CENTER OF THE POLE TO THE FACE OF CURB (ON THE MAST ARM SIDE) OR AS SHOWN ON THE PLANS.
- ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
- THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
- PEDESTRIAN PUSHBUTTON SIGNAL SIGNS SHALL BE MOUNTED ABOVE THE APPROPRIATE PEDESTRIAN PUSHBUTTON.
- THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.



NOTE: PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE MOUNTED ABOVE THE PEDESTRIAN PUSH-BUTTONS. THE SIGNS SHALL BE BOLTED TO THE POSTS. THE SIGNS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTONS IN ACCORDANCE WITH SECTION 888 OF THE STANDARD SPECIFICATIONS.

PEDESTRIAN PUSH-BUTTON SIGN DETAIL



NOTE: A PEDESTRIAN CLEARANCE INTERVAL OF 26 SECONDS SHALL BE USED FOR PHASE 2 & 4, 24 SECONDS FOR PHASE 6 AND 8.

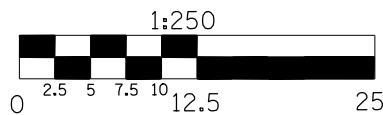
PHASE DESIGNATION DIAGRAM

LOOP INDUCTANCE DATA				
U.S. 136 & Iowa St.				
Loop	Length	Width	Required No. of Turns	Delay (sec.)
A1-2	6	6	4	
A3-4	6	6	4	10
B1-2	6	6	3	
B3-4	6	6	3	10
C1-3	6	6	4	
C4-5	6	6	5	
D1-3	6	6	3	
D4-5	6	6	5	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1-2), (A3-4), (B1-2), (B3-4), (C1-3), (C4-5), (D1-3), (D4-5)

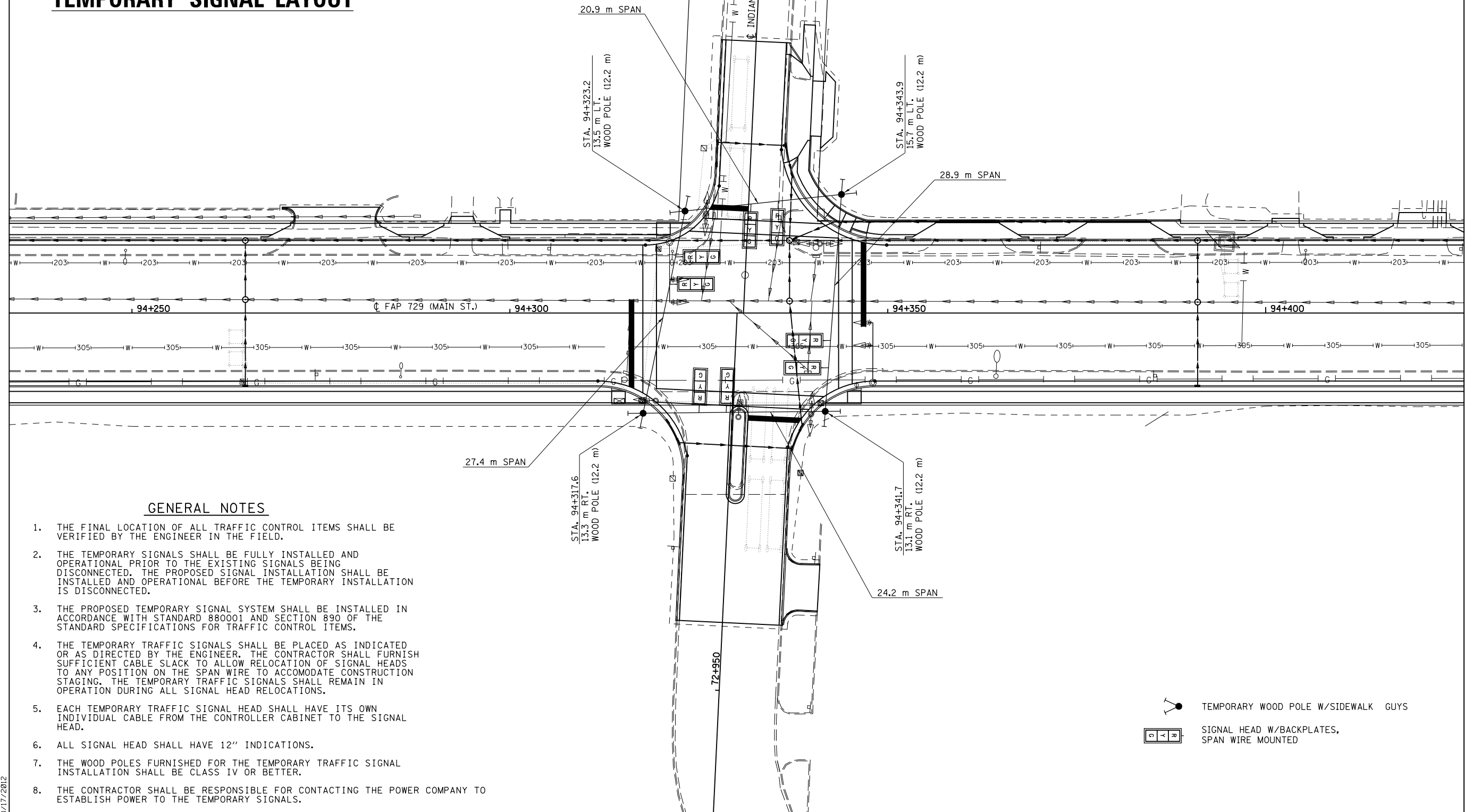
THE CONTROLLER SHALL BE SET TO MINIMUM RECALL - U.S. 136 (MAIN ST.)

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.) & INDIANA AVENUE



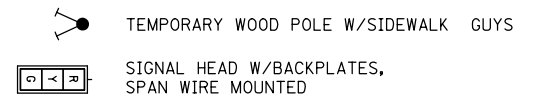
TEMPORARY SIGNAL LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	119
* 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				



GENERAL NOTES

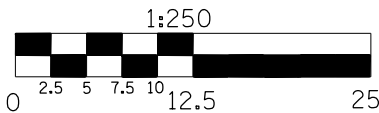
1. THE FINAL LOCATION OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. THE TEMPORARY SIGNALS SHALL BE FULLY INSTALLED AND OPERATIONAL PRIOR TO THE EXISTING SIGNALS BEING DISCONNECTED. THE PROPOSED SIGNAL INSTALLATION SHALL BE INSTALLED AND OPERATIONAL BEFORE THE TEMPORARY INSTALLATION IS DISCONNECTED.
3. THE PROPOSED TEMPORARY SIGNAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
4. THE TEMPORARY TRAFFIC SIGNALS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH SUFFICIENT CABLE SLACK TO ALLOW RELOCATION OF SIGNAL HEADS TO ANY POSITION ON THE SPAN WIRE TO ACCOMMODATE CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
5. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
6. ALL SIGNAL HEAD SHALL HAVE 12" INDICATIONS.
7. THE WOOD POLES FURNISHED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE CLASS IV OR BETTER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE POWER COMPANY TO ESTABLISH POWER TO THE TEMPORARY SIGNALS.



8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.)

& INDIANA AVENUE

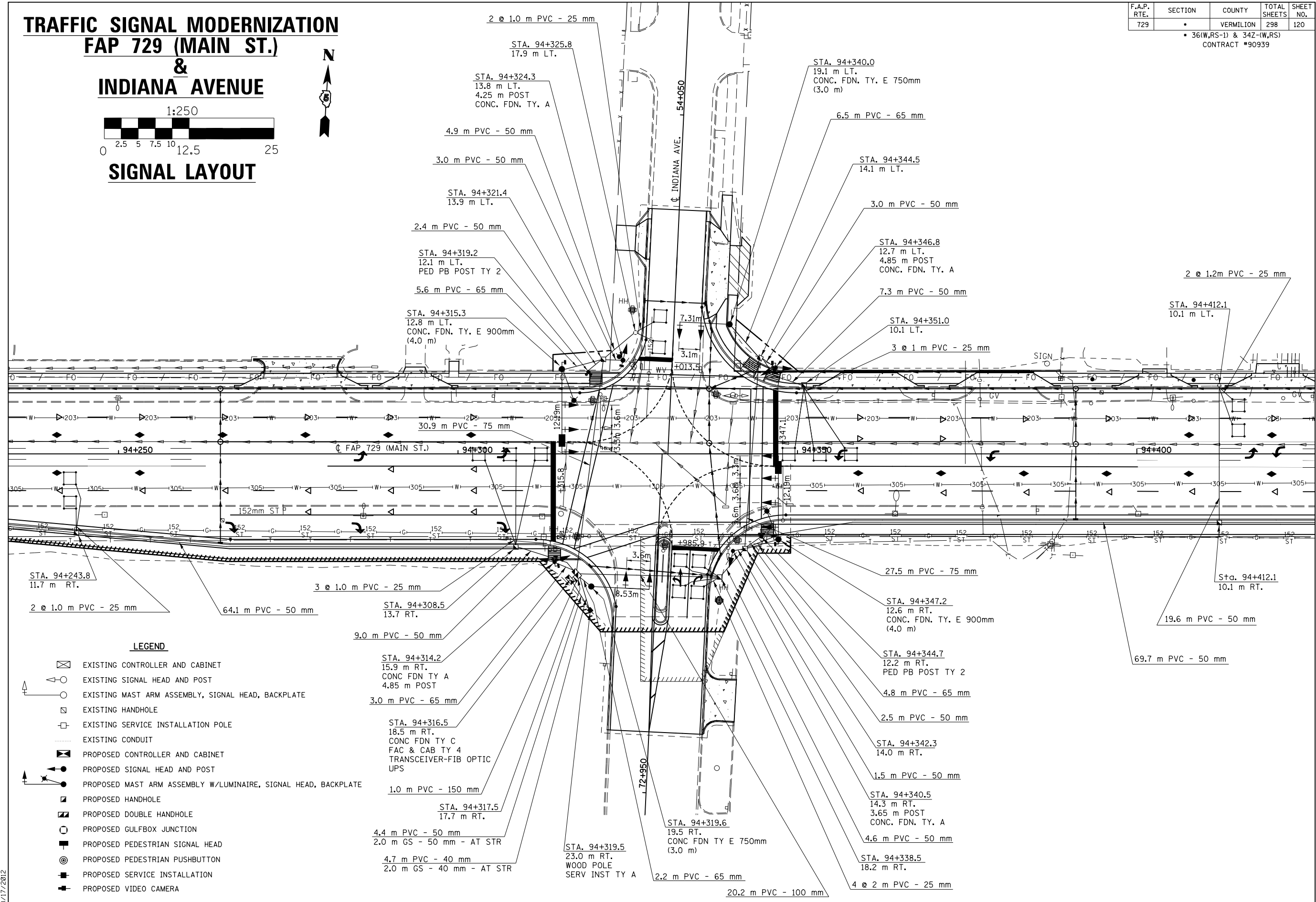


SIGNAL LAYOUT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	120

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939

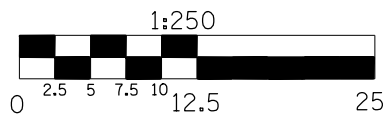


LEGEND

- EXISTING CONTROLLER AND CABINET
- EXISTING SIGNAL HEAD AND POST
- EXISTING MAST ARM ASSEMBLY, SIGNAL HEAD, BACKPLATE
- EXISTING HANDHOLE
- EXISTING SERVICE INSTALLATION POLE
- EXISTING CONDUIT
- PROPOSED CONTROLLER AND CABINET
- PROPOSED SIGNAL HEAD AND POST
- PROPOSED MAST ARM ASSEMBLY W/LUMINAIRE, SIGNAL HEAD, BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED GULFBOX JUNCTION
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSHBUTTON
- PROPOSED SERVICE INSTALLATION
- PROPOSED VIDEO CAMERA

8/17/2012

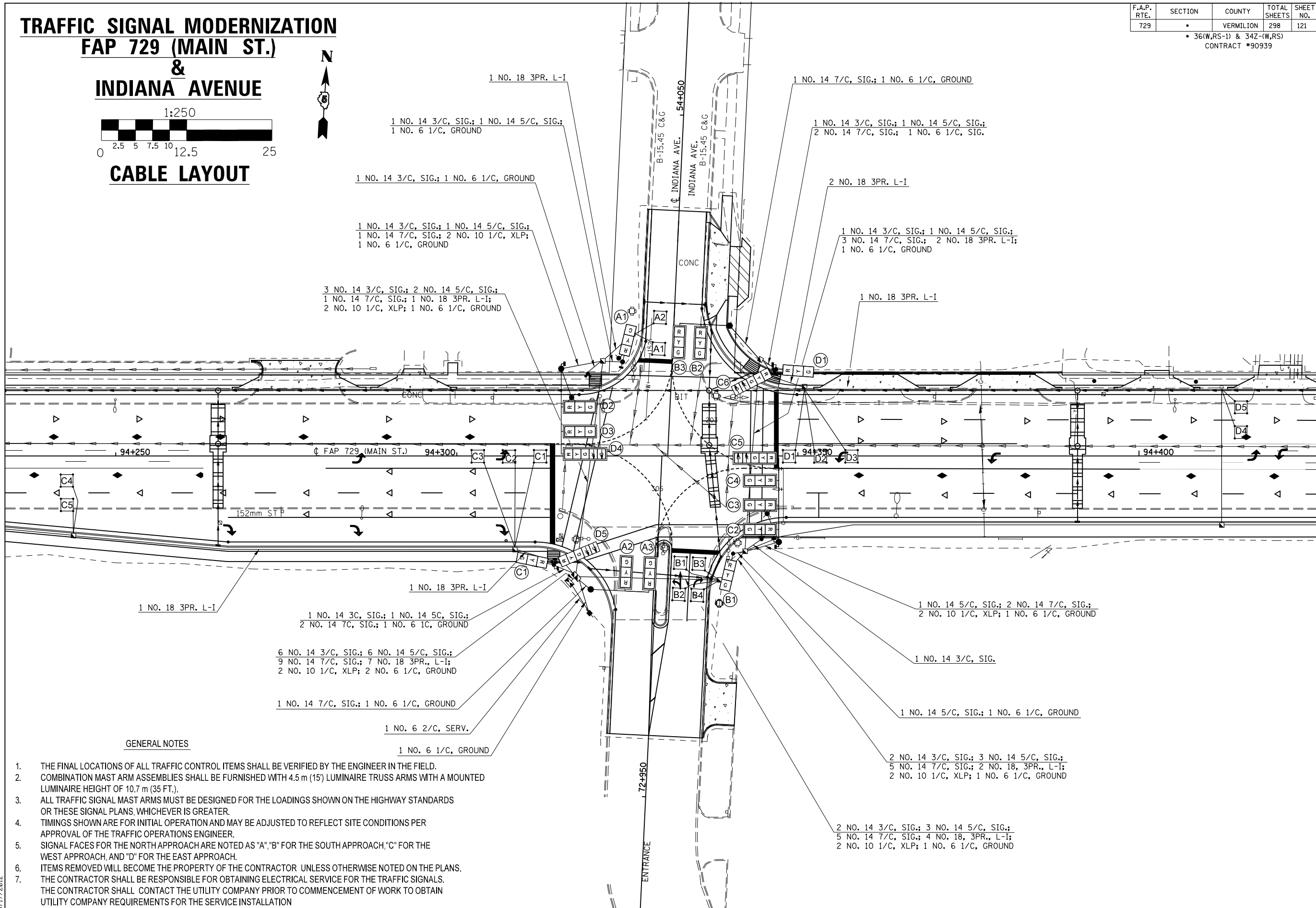
TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.) & INDIANA AVENUE



CABLE LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	121

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939



GENERAL NOTES

1. THE FINAL LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. COMBINATION MAST ARM ASSEMBLIES SHALL BE FURNISHED WITH 4.5 m (15') LUMINAIRE TRUSS ARMS WITH A MOUNTED LUMINAIRE HEIGHT OF 10.7 m (35 FT.).
3. ALL TRAFFIC SIGNAL MAST ARMS MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.
4. TIMINGS SHOWN ARE FOR INITIAL OPERATION AND MAY BE ADJUSTED TO REFLECT SITE CONDITIONS PER APPROVAL OF THE TRAFFIC OPERATIONS ENGINEER.
5. SIGNAL FACES FOR THE NORTH APPROACH ARE NOTED AS "A", "B" FOR THE SOUTH APPROACH, "C" FOR THE WEST APPROACH, AND "D" FOR THE EAST APPROACH.
6. ITEMS REMOVED WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	122

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939

BILL OF MATERIALS

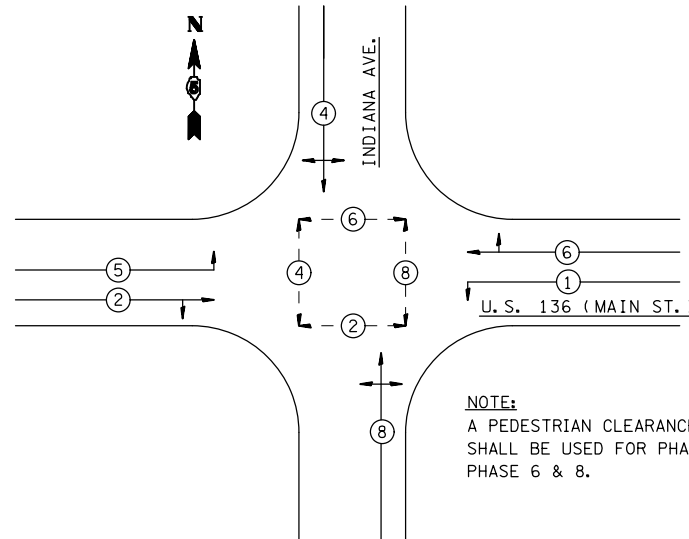
U.S. 136 (MAIN ST.) & INDIANA STREET

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1.0
HANDHOLE	EACH	6.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION	EACH	1.0
GULFBOX JUNCTION REMOVAL	EACH	2.0
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1.0
TRANSCIEVER - FIBER OPTIC	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8.0
TRAFFIC SIGNAL BACKPLATE	EACH	11.0
INDUCTIVE LOOP DETECTOR	EACH	7.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	6.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7.0
UNDERGROUND CONDUIT, PVC, 25MM DIA.	METER	20.0
UNDERGROUND CONDUIT, PVC, 40MM DIA.	METER	5.0
UNDERGROUND CONDUIT, PVC, 50MM DIA.	METER	189.0
UNDERGROUND CONDUIT, PVC, 65MM DIA.	METER	23.0
UNDERGROUND CONDUIT, PVC, 75MM DIA.	METER	59.0
UNDERGROUND CONDUIT, PVC, 100MM DIA.	METER	21.0
UNDERGROUND CONDUIT, PVC, 150MM DIA.	METER	1.0
CONDUIT ATTACHED TO STRUCTURE, 40MM DIA., GALVANIZED STEEL	METER	2.0
CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., GALVANIZED STEEL	METER	2.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	234.0
LIGHT POLE, WOOD, 10.67 METER, CLASS 3	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	279.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	364.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	424.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	444.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	8.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR NO. 6 1 C	METER	165.0
TRAFFIC SIGNAL POST, ALUMINUM 3.65 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.25 METER	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 4.85 METER	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE, 7.31 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 8.53 METER	EACH	1.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	2.0
CONCRETE FOUNDATION, TYPE A	METER	3.7
CONCRETE FOUNDATION, TYPE C	METER	1.1
CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	6.0
CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	8.0
DETECTOR LOOP, TYPE I	METER	203.0



NOTE: PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE MOUNTED ABOVE THE PEDESTRIAN PUSH-BUTTONS. THE SIGNS SHALL BE BOLTED TO THE POSTS. THE SIGNS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTONS IN ACCORDANCE WITH SECTION 888 OF THE STANDARD SPECIFICATIONS.

PEDESTRIAN PUSH-BUTTON SIGN DETAIL



NOTE:
A PEDESTRIAN CLEARANCE INTERVAL OF 24 SECONDS SHALL BE USED FOR PHASE 2 & 4, 20 SECONDS FOR PHASE 6 & 8.

PHASE DESIGNATION DIAGRAM

LOOP INDUCTANCE DATA				
U.S. 136 & Indiana				
Loop	Length	Width	Required No. of Turns	Delay (sec.)
A1-2	6	6	3	10
B1-2	6	6	3	
B3-4	6	6	3	10
C1-3	6	6	3	
C4-5	6	6	4	
D1-3	6	6	4	
D4-5	6	6	5	

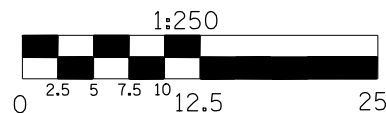
THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1-2), (B1-2), (B3-4), (C1-3), (C4-5), (D1-3), (D4-5)

THE CONTROLLER SHALL BE SET TO MINIMUM RECALL U.S. 136 (MAIN ST.)

GENERAL NOTES

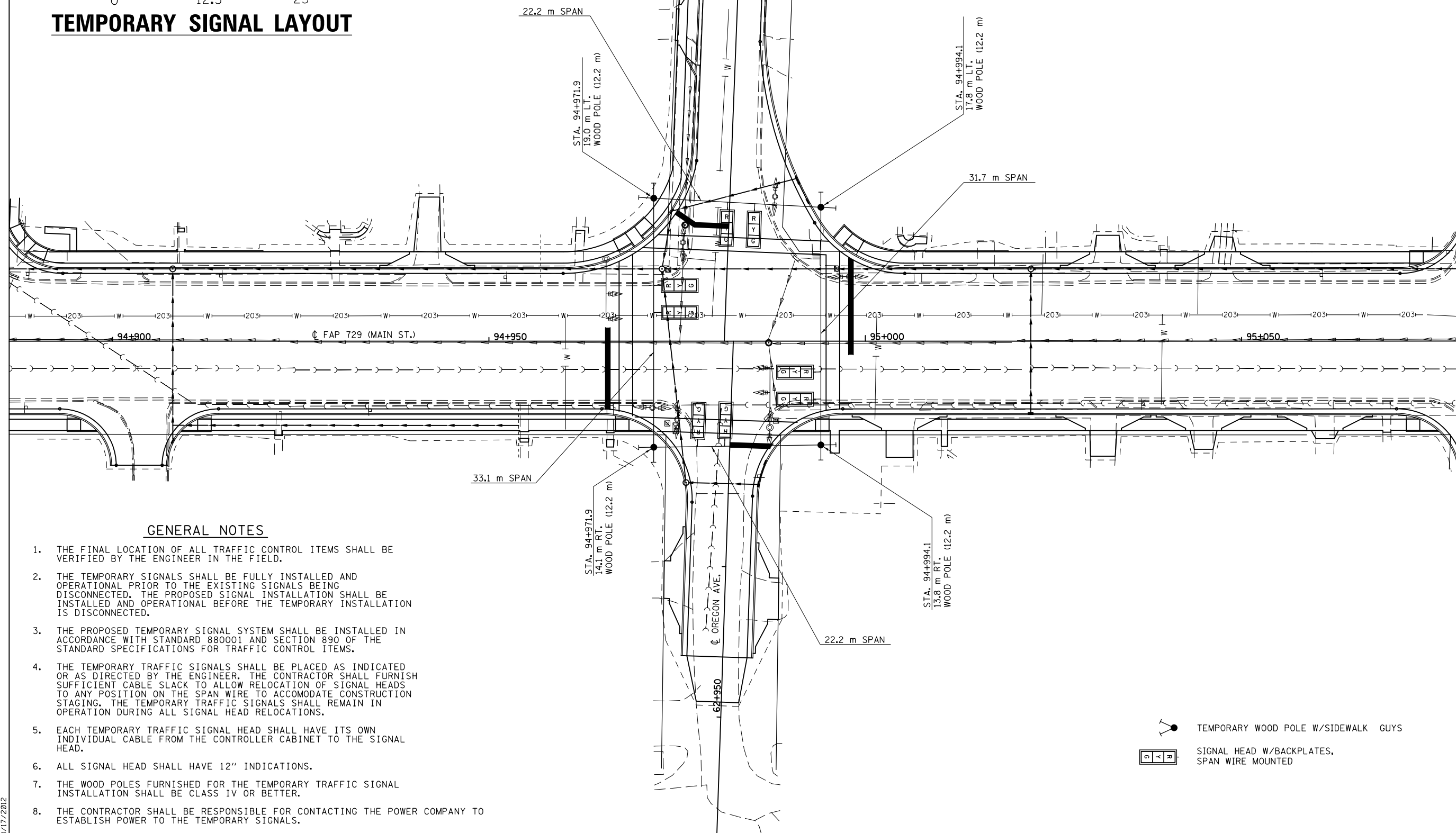
1. THE FOLLOWING SIGNAL HEADS SHALL BE WIRED IN PARALLEL AT THE MAST POLE HANDHOLE: (A2, A3), (B2, B3), (C2, C3), (C4, C5), (D2, D3) - EACH MAST ARM MOUNTED SIGNAL HEAD SHALL HAVE IT'S OWN INDIVIDUAL CABLE FROM THE ACCESS HOLE AT BASE OF MAST POLE TO THE SIGNAL HEAD.
2. THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 600 mm OF THE FACE OF CURB.
4. ALL MAST ARM POLES SHALL BE A MINIMUM OF 1.8 m FROM THE CENTER OF THE POLE TO THE FACE OF CURB (ON THE MAST ARM SIDE) OR AS SHOWN ON THE PLANS.
5. ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
6. THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
7. PEDESTRIAN PUSHBUTTON SIGNAL SIGNS SHALL BE MOUNTED ABOVE THE APPROPRIATE PEDESTRIAN PUSHBUTTON.
8. THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.) & OREGON AVENUE



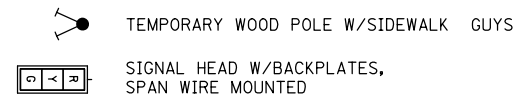
TEMPORARY SIGNAL LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	123
* 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				



GENERAL NOTES

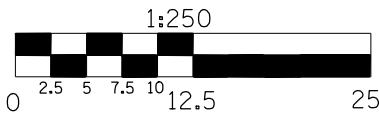
1. THE FINAL LOCATION OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. THE TEMPORARY SIGNALS SHALL BE FULLY INSTALLED AND OPERATIONAL PRIOR TO THE EXISTING SIGNALS BEING DISCONNECTED. THE PROPOSED SIGNAL INSTALLATION SHALL BE INSTALLED AND OPERATIONAL BEFORE THE TEMPORARY INSTALLATION IS DISCONNECTED.
3. THE PROPOSED TEMPORARY SIGNAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
4. THE TEMPORARY TRAFFIC SIGNALS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH SUFFICIENT CABLE SLACK TO ALLOW RELOCATION OF SIGNAL HEADS TO ANY POSITION ON THE SPAN WIRE TO ACCOMMODATE CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
5. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
6. ALL SIGNAL HEAD SHALL HAVE 12" INDICATIONS.
7. THE WOOD POLES FURNISHED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE CLASS IV OR BETTER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE POWER COMPANY TO ESTABLISH POWER TO THE TEMPORARY SIGNALS.



8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.)

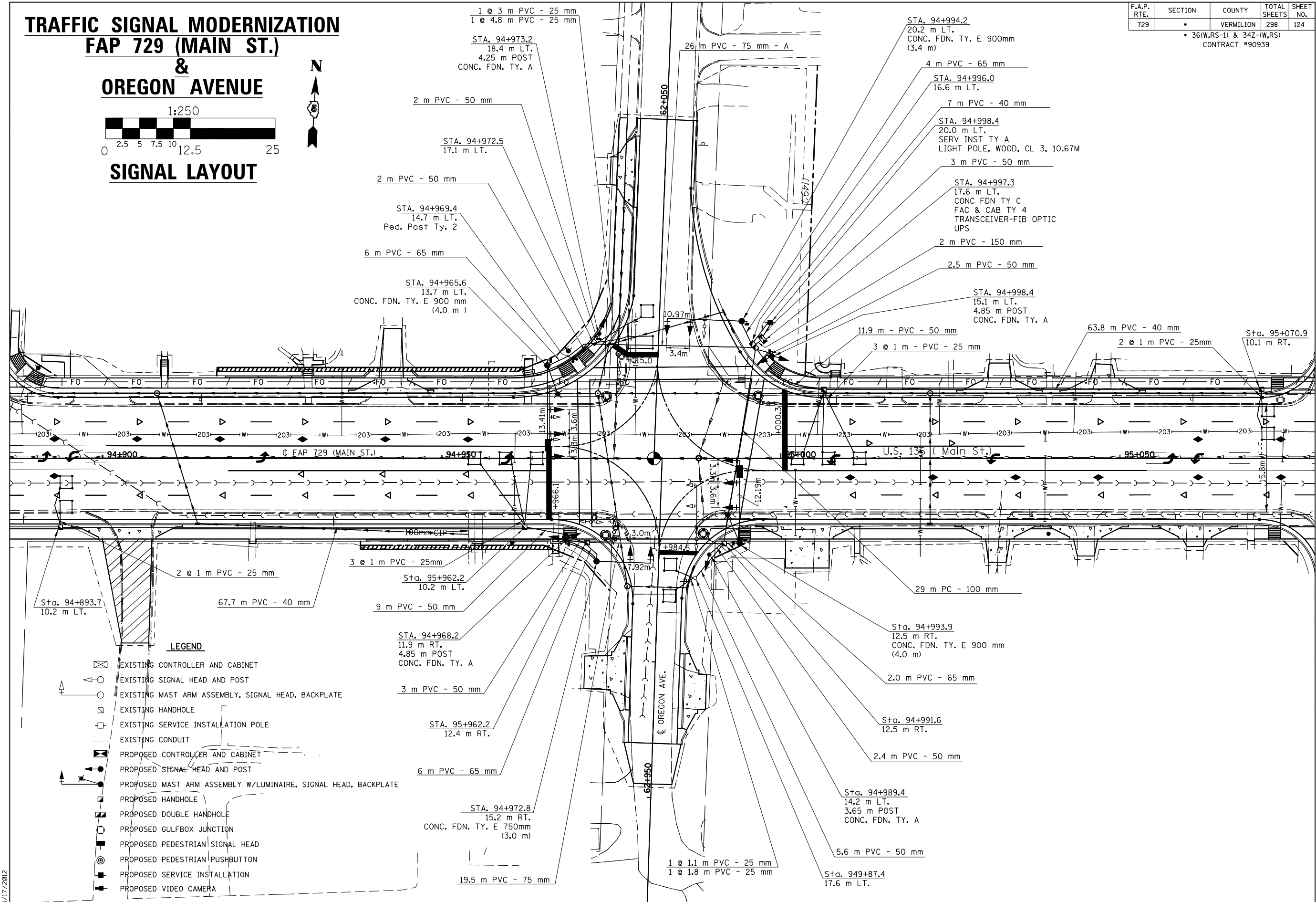
& OREGON AVENUE



SIGNAL LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	124

* 36(W,RS-1) & 34Z(W,RS)
CONTRACT #90939



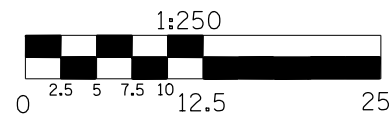
LEGEND

- EXISTING CONTROLLER AND CABINET
- EXISTING SIGNAL HEAD AND POST
- EXISTING MAST ARM ASSEMBLY, SIGNAL HEAD, BACKPLATE
- EXISTING HANDHOLE
- EXISTING SERVICE INSTALLATION POLE
- EXISTING CONDUIT
- PROPOSED CONTROLLER AND CABINET
- PROPOSED SIGNAL HEAD AND POST
- PROPOSED MAST ARM ASSEMBLY W/LUMINAIRE, SIGNAL HEAD, BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED GULFBOX JUNCTION
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSHBUTTON
- PROPOSED SERVICE INSTALLATION
- PROPOSED VIDEO CAMERA

8/17/2012

TRAFFIC SIGNAL MODERNIZATION FAP 729 (MAIN ST.)

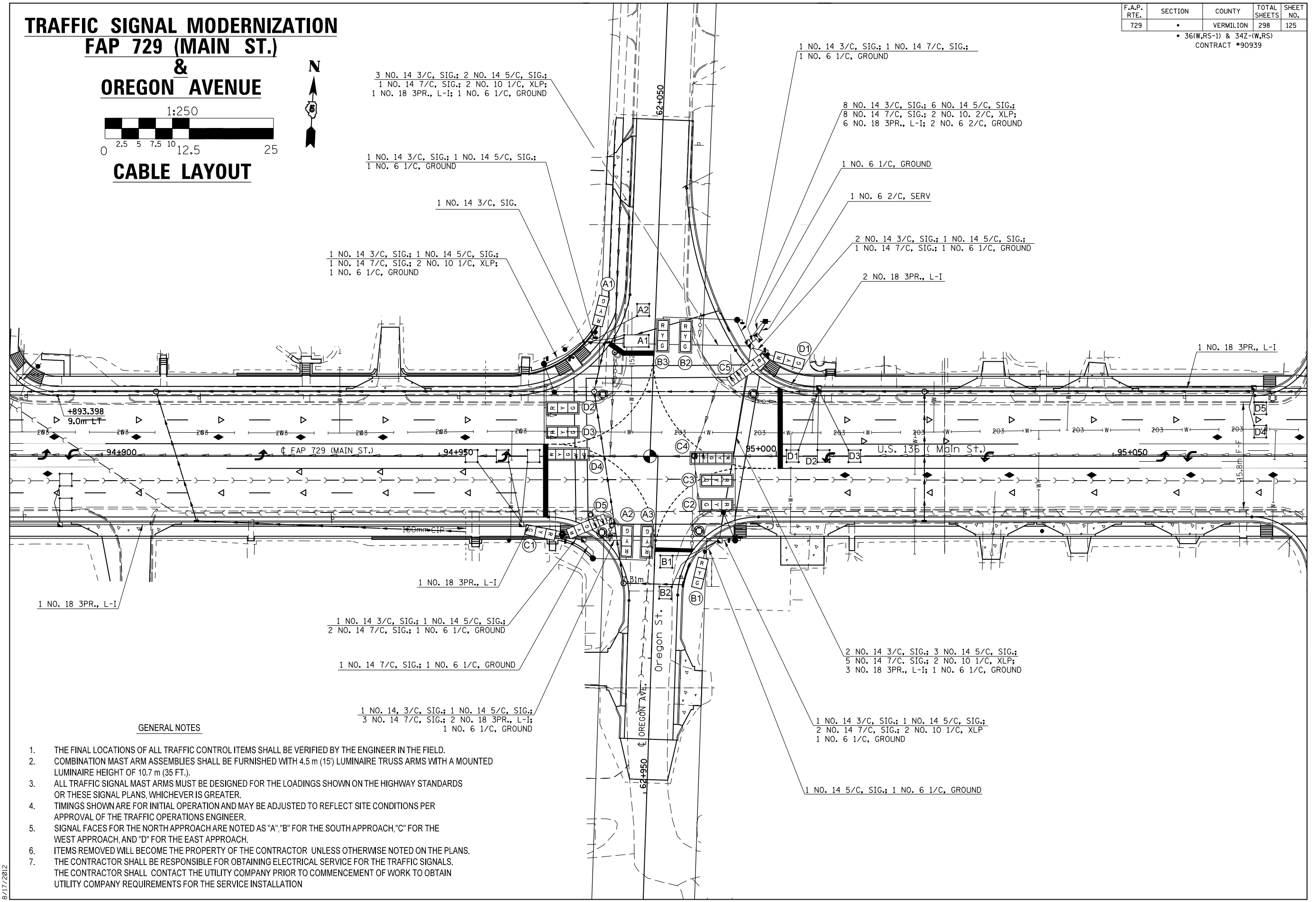
& OREGON AVENUE



CABLE LAYOUT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	125

* 36(W,RS-1) & 34Z-(W,RS)
CONTRACT #90939



GENERAL NOTES

1. THE FINAL LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. COMBINATION MAST ARM ASSEMBLIES SHALL BE FURNISHED WITH 4.5 m (15') LUMINAIRE TRUSS ARMS WITH A MOUNTED LUMINAIRE HEIGHT OF 10.7 m (35 FT.).
3. ALL TRAFFIC SIGNAL MAST ARMS MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.
4. TIMINGS SHOWN ARE FOR INITIAL OPERATION AND MAY BE ADJUSTED TO REFLECT SITE CONDITIONS PER APPROVAL OF THE TRAFFIC OPERATIONS ENGINEER.
5. SIGNAL FACES FOR THE NORTH APPROACH ARE NOTED AS "A", "B" FOR THE SOUTH APPROACH, "C" FOR THE WEST APPROACH, AND "D" FOR THE EAST APPROACH.
6. ITEMS REMOVED WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	126
* 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				

BILL OF MATERIALS

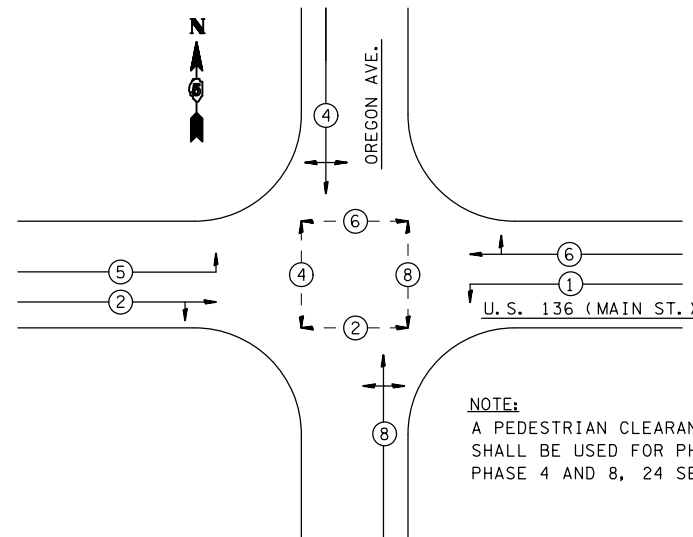
U.S. 136 (MAIN ST.) & OREGON ST.

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE A	EACH	1.0
HANDHOLE	EACH	3.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION REMOVAL	EACH	2.0
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1.0
TRANSCIVER - FIBER OPTIC	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, BRACKET MOUNTED	EACH	2.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8.0
TRAFFIC SIGNAL BACKPLATE	EACH	8.0
INDUCTIVE LOOP DETECTOR	EACH	6.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	6.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7.0
UNDERGROUND CONDUIT, PVC, 25MM DIA.	METER	21.0
UNDERGROUND CONDUIT, PVC, 40MM DIA.	METER	7.0
UNDERGROUND CONDUIT, PVC, 50MM DIA.	METER	169.0
UNDERGROUND CONDUIT, PVC, 65MM DIA.	METER	16.0
UNDERGROUND CONDUIT, PVC, 75MM DIA.	METER	43.0
UNDERGROUND CONDUIT, PVC, 100MM DIA.	METER	29.0
UNDERGROUND CONDUIT, PVC, 150MM DIA.	METER	2.0
CONDUIT ATTACHED TO STRUCTURE, 40MM DIA., GALVANIZED STEEL	METER	2.0
CONDUIT ATTACHED TO STRUCTURE, 50MM DIA., GALVANIZED STEEL	METER	2.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	237.0
LIGHT POLE, WOOD, 10.67 METER, CLASS 3	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	425.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	352.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	456.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	METER	415.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	8.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR NO. 6 1 C	METER	157.0
TRAFFIC SIGNAL POST, ALUMINUM 4.25 METER	EACH	2.0
TRAFFIC SIGNAL POST, ALUMINUM 4.85 METER	EACH	2.0
STEEL MAST ARM ASSEMBLY AND POLE, 7.92 METER	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 10.97 METER	EACH	1.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 13.41 METER	EACH	1.0
CONCRETE FOUNDATION, TYPE A	METER	3.7
CONCRETE FOUNDATION, TYPE C	METER	1.1
CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	3.0
CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	11.4
DETECTOR LOOP, TYPE I	METER	174.0



NOTE: PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE MOUNTED ABOVE THE PEDESTRIAN PUSH-BUTTONS. THE SIGNS SHALL BE BOLTED TO THE POSTS. THE SIGNS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTONS IN ACCORDANCE WITH SECTION 888 OF THE STANDARD SPECIFICATIONS.

PEDESTRIAN PUSH-BUTTON SIGN DETAIL



NOTE:
A PEDESTRIAN CLEARANCE INTERVAL OF 19 SECONDS SHALL BE USED FOR PHASE 2, 22 SECONDS FOR PHASE 4 AND 8, 24 SECONDS FOR PHASE 6.

PHASE DESIGNATION DIAGRAM

LOOP INDUCTANCE DATA				
U.S. 136 & Oregon				
Loop	Length	Width		Delay (sec.)
A1	6	12	3	10
A2	6	6	3	10
B1-2	6	6	3	10
C1-3	6	6	4	
C4-5	6	6	6	
D1-3	6	6	3	
D4-5	6	6	5	

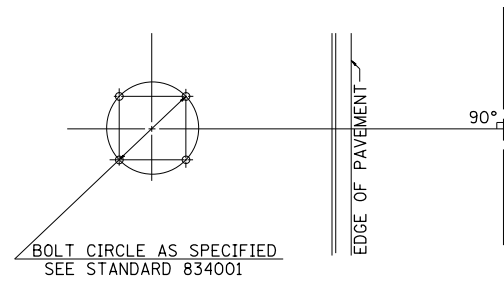
THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1-2), (B1-2), (C1-3), (C4-5), (D1-3), (D4-5)

THE CONTROLLER SHALL BE SET TO MINIMUM RECALL U.S. 136 (MAIN ST.)

GENERAL NOTES

1. THE FOLLOWING SIGNAL HEADS SHALL BE WIRED IN PARALLEL AT THE MAST POLE HANDHOLE: (A2, A3), (B2, B3), (C2, C3), (D2, D3) - EACH MAST ARM MOUNTED SIGNAL HEAD SHALL HAVE ITS OWN INDIVIDUAL OWN INDIVIDUAL CABLE FROM THE ACCESS HOLE AT BASE OF MAST POLE TO THE SIGNAL HEAD.
2. THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 600 mm OF THE FACE OF CURB.
4. ALL MAST ARM POLES SHALL BE A MINIMUM OF 1.8 m FROM THE CENTER OF THE POLE TO THE FACE OF CURB (ON THE MAST ARM SIDE) OR AS SHOWN ON THE PLANS.
5. ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
6. THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
7. PEDESTRIAN PUSHBUTTON SIGNAL SIGNS SHALL BE MOUNTED ABOVE THE APPROPRIATE PEDESTRIAN PUSHBUTTON.
8. THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.

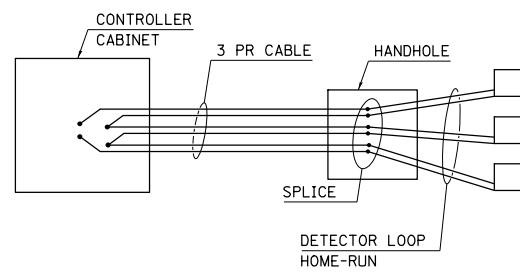
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	•	VERMILION	298	127
• 36(W,RS-1) & 34Z-(W,RS) CONTRACT #90939				



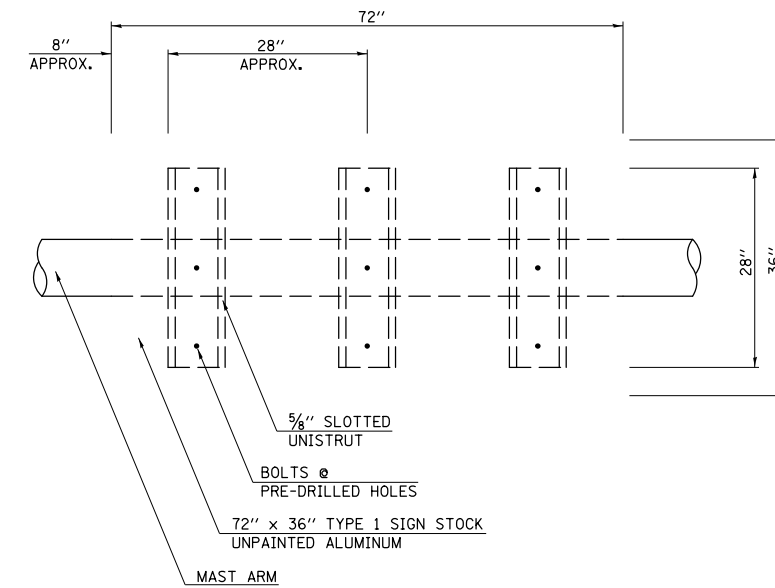
**DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN**

DETAIL OF DETECTOR LOOP WIRING

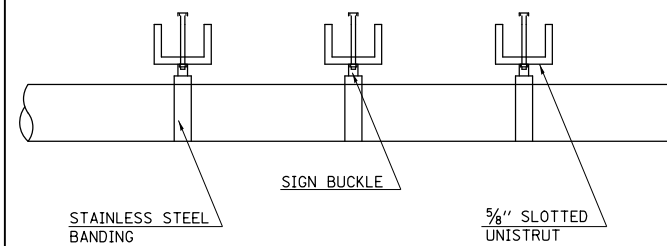
WIRED IN SERIES WITH MULTI-PAIR CABLE



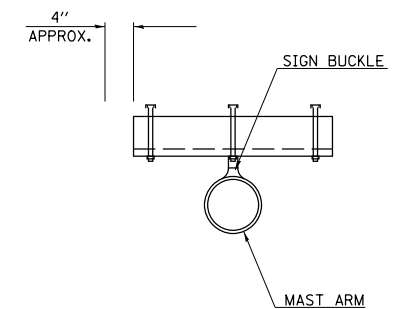
MAST ARM DAMPENING DEVICE MOUNTING DETAIL



PLAN VIEW



ELEVATION



CROSS SECTION

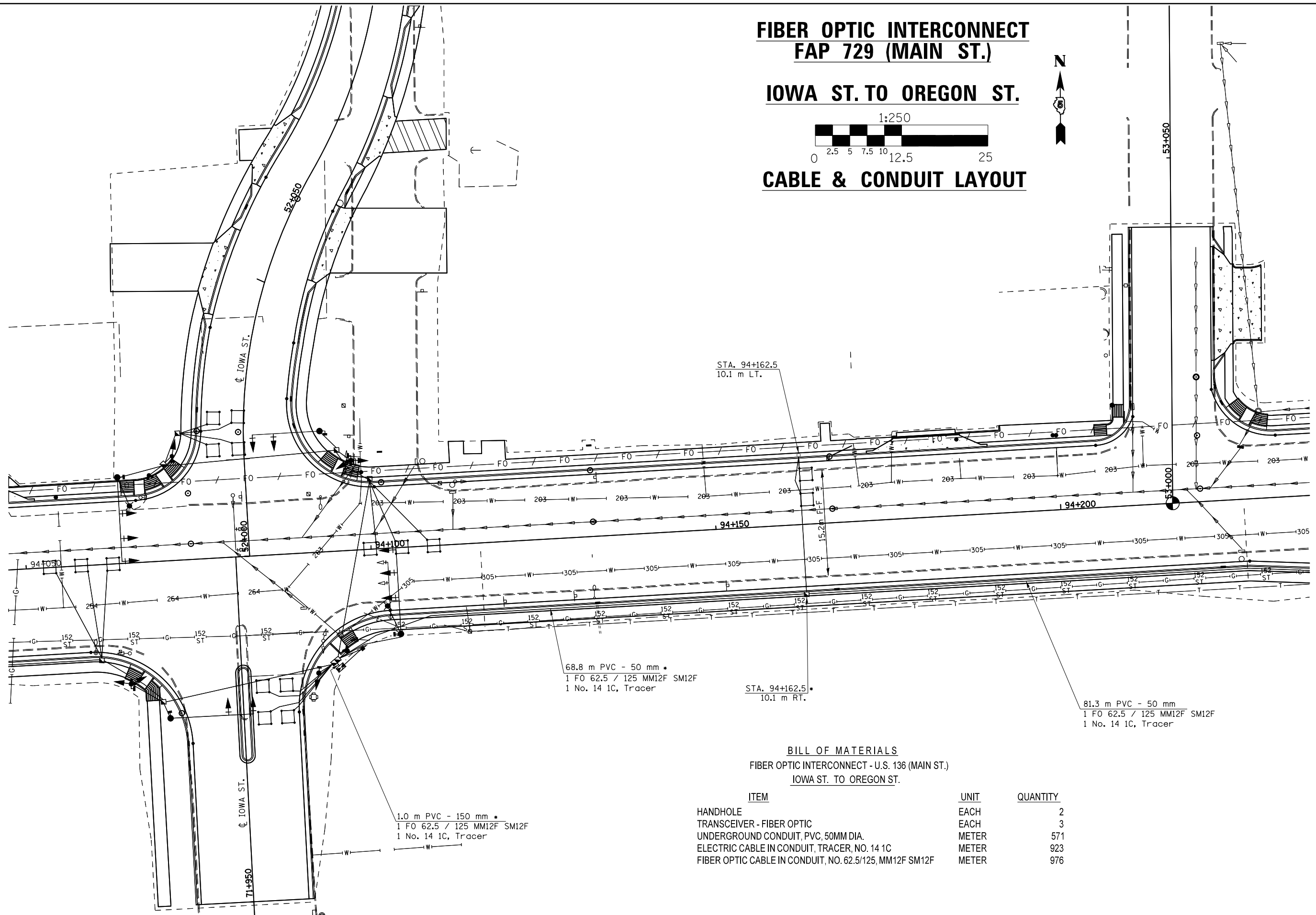
NOTE: PAINT ENDS OF UNISTRUT WITH SPRAY ON GALVANIZED PAINT

FIBER OPTIC INTERCONNECT FAP 729 (MAIN ST.)

IOWA ST. TO OREGON ST.



CABLE & CONDUIT LAYOUT



68.8 m PVC - 50 mm *
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

STA. 94+162.5
10.1 m RT.

81.3 m PVC - 50 mm
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

1.0 m PVC - 150 mm *
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

BILL OF MATERIALS FIBER OPTIC INTERCONNECT - U.S. 136 (MAIN ST.) IOWA ST. TO OREGON ST.

ITEM	UNIT	QUANTITY
HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	3
UNDERGROUND CONDUIT, PVC, 50MM DIA.	METER	571
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	METER	923
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	METER	976

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

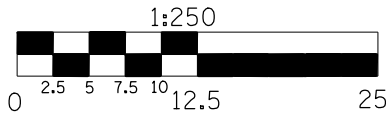
FIBER OPTIC INTERCONNECT DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

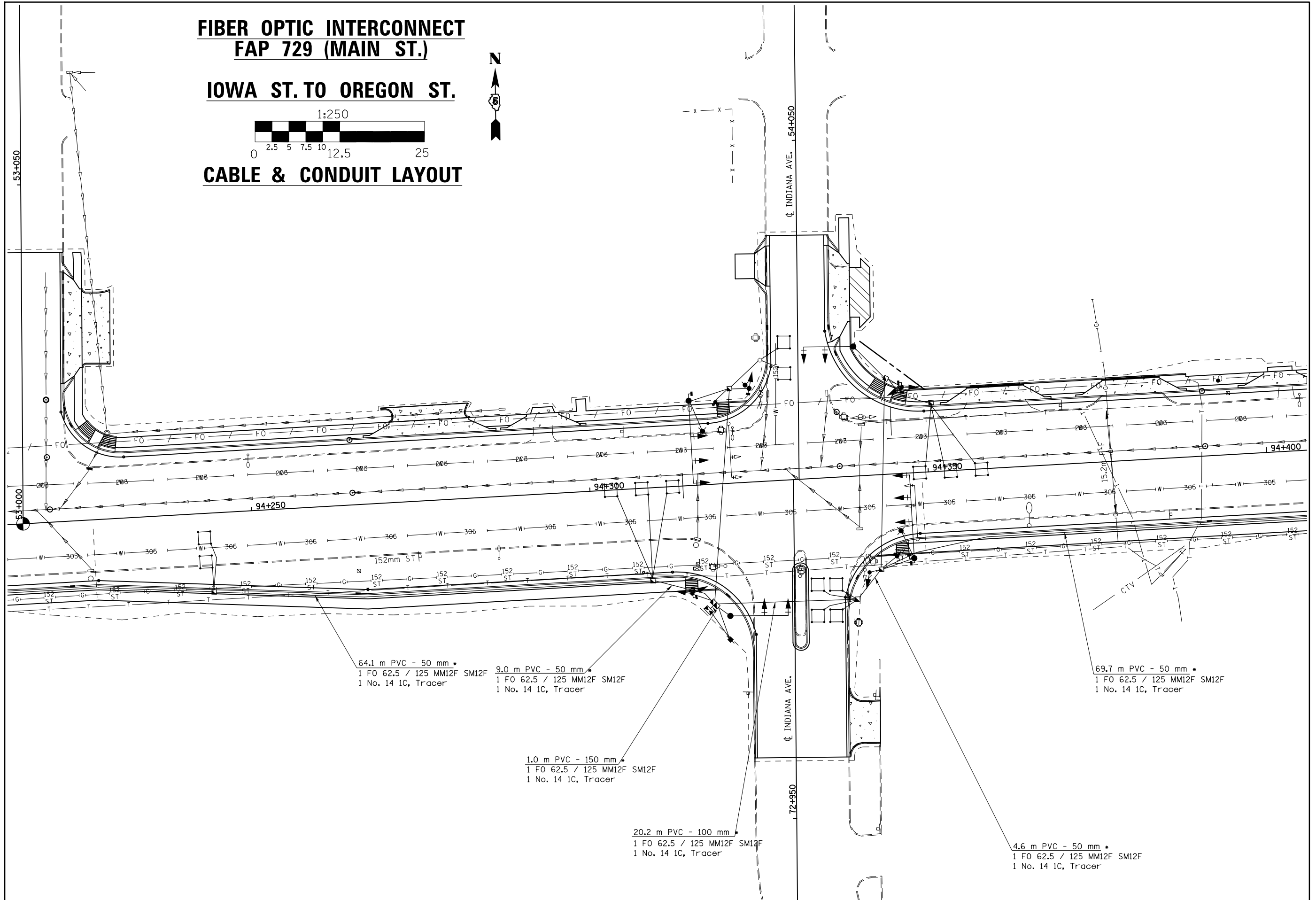
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	128
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				

FIBER OPTIC INTERCONNECT FAP 729 (MAIN ST.)

IOWA ST. TO OREGON ST.



CABLE & CONDUIT LAYOUT



64.1 m PVC - 50 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

9.0 m PVC - 50 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

1.0 m PVC - 150 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

20.2 m PVC - 100 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

69.7 m PVC - 50 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

4.6 m PVC - 50 mm •
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

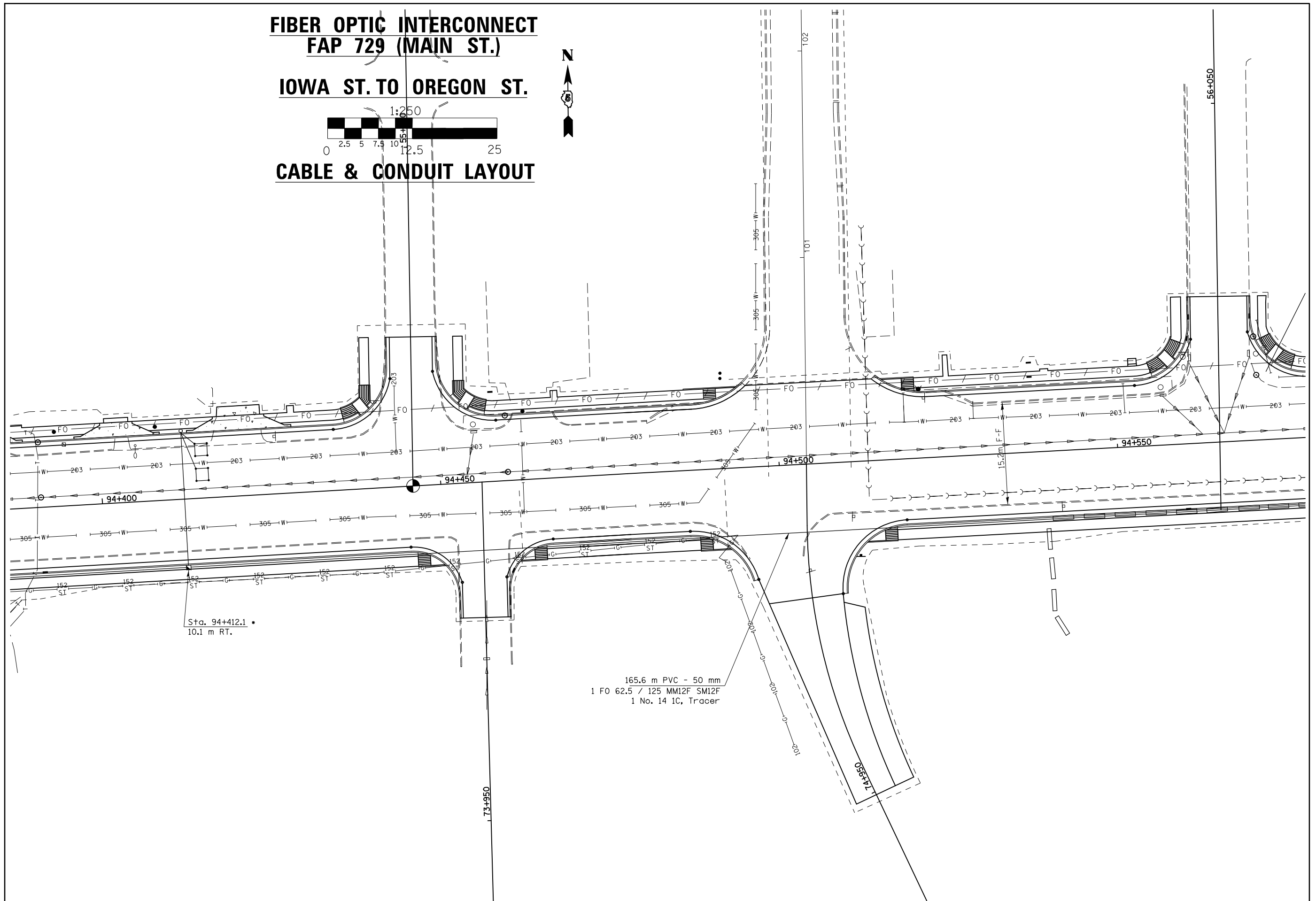
FIBER OPTIC INTERCONNECT DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 342-2(W,RS)	VERMILION	298	129
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				

**FIBER OPTIC INTERCONNECT
FAP 729 (MAIN ST.)**

IOWA ST. TO OREGON ST.

CABLE & CONDUIT LAYOUT



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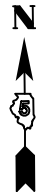
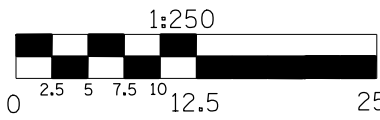
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC INTERCONNECT DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

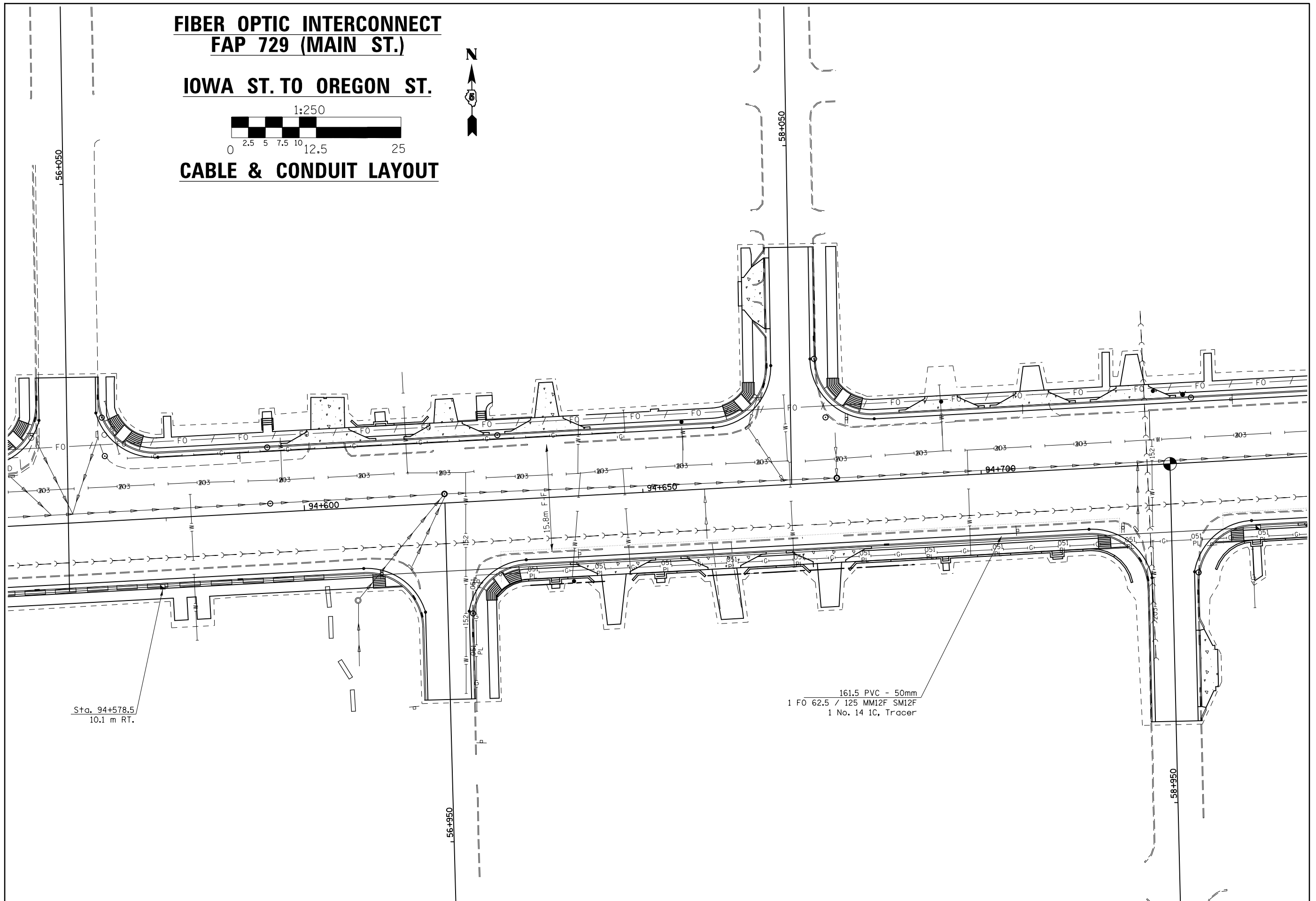
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 342-2(W,RS)	VERMILION	298	130
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				

**FIBER OPTIC INTERCONNECT
FAP 729 (MAIN ST.)**

IOWA ST. TO OREGON ST.



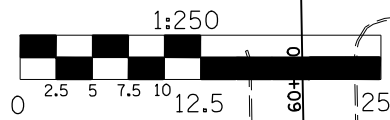
CABLE & CONDUIT LAYOUT



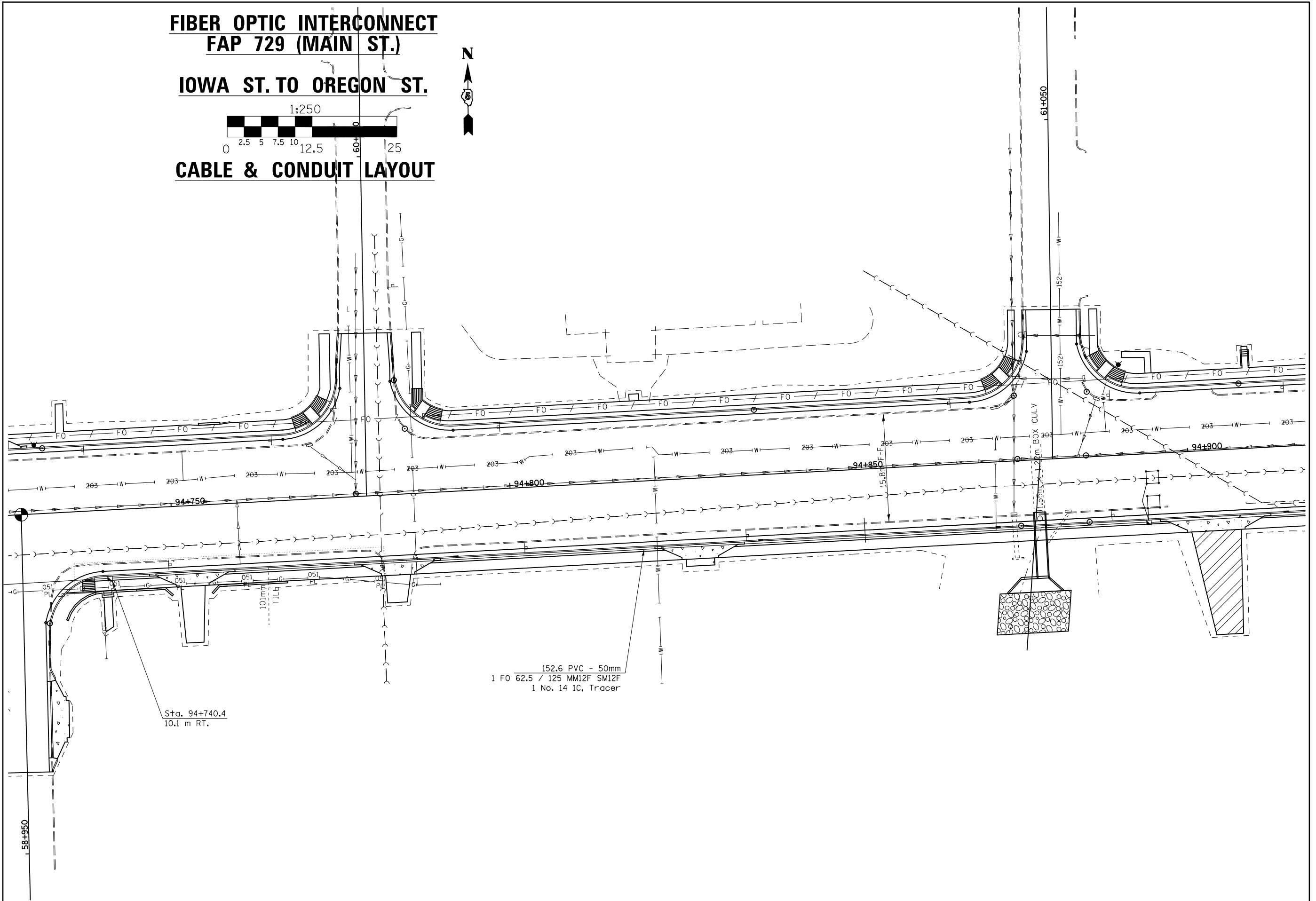
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#MODELNAME#	PLOT SCALE = 13.3000 m / in.	DRAWN -	REVISED -					729	36(W,RS-1) & 342-2(W,RS)	VERMILION	298	131
	PLOT DATE = 8/17/2012	CHECKED -	REVISED -		CONTRACT NO. 90939							
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

FIBER OPTIC INTERCONNECT FAP 729 (MAIN ST.)

IOWA ST. TO OREGON ST.



CABLE & CONDUIT LAYOUT



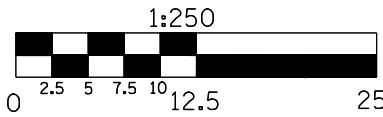
152.6 PVC - 50mm
1 FO 62.5 / 125 MM12F SM12F
1 No. 14 1C, Tracer

Sta. 94+740.4
10.1 m RT.

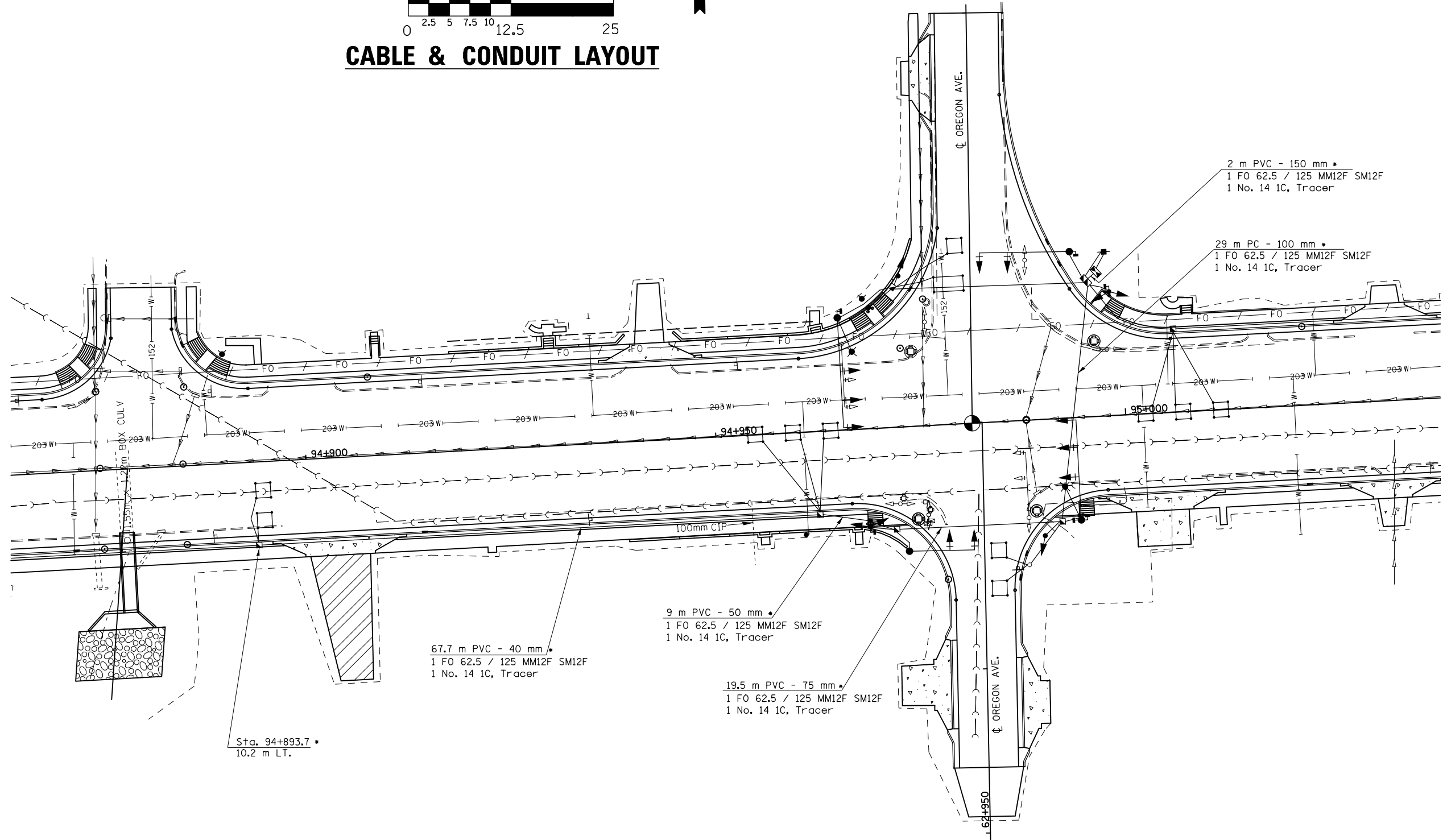
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#MODELNAME#	PLOT SCALE = 13.3000 m / in.	CHECKED -	REVISED -					729	36(W,RS-1) & 342-2(W,RS)	VERMILION	298	132
	PLOT DATE = 8/17/2012	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 90939				
							ILLINOIS FED. AID PROJECT					

**FIBER OPTIC INTERCONNECT
FAP 729 (MAIN ST.)**

IOWA ST. TO OREGON ST.



CABLE & CONDUIT LAYOUT



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MODELNAME	PLOT DATE = 8/17/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC INTERCONNECT DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	133
			CONTRACT NO. 90939	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR60 AND SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER CU. M. OF CONCRETE STRUCTURES.
- CONCRETE FOR WALLS AND STEPS SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF WALLS SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALLS AND STEPS IN PLACE, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER CU. M. OF CONCRETE STRUCTURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALLS TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.
- RAILING SHALL BE IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED. RAILING SHALL BE PAINTED IN ACCORDANCE WITH SECTION 506 OF THE STANDARD SPECIFICATIONS. THE FINISH SHALL BE SEMI-GLOSS BLACK. THE COST OF CONSTRUCTING AND INSTALLING RAILING IN PLACE, INCLUDING PAINTING AND GROUTING SHALL BE INCLUDED IN THE COST PER METER OF PIPE HANDRAIL.
- PIPE UNDERDRAINS 150 mm AND PIPE UNDERDRAINS 150 mm (SPECIAL) SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS. COMPLETELY FILL WITH GROUT ALL JOINTS WHEN CONNECTING THE UNDERDRAINS TO INLETS OR MANHOLES. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER IN PLACE FOR PIPE UNDERDRAINS 150 mm OR PIPE UNDERDRAINS 150 mm (SPECIAL).
- WATER SERVICE LINES REQUIRING ADJUSTMENTS SHALL BE PLACED 300 MM (MIN.) BELOW THE BOTTOM OF THE WALL. THE CITY OF DANVILLE REQUIRES A LICENSED PLUMBER TO DO THIS WORK.
- DRAINS OR TILES DISCOVERED WHILE EXCAVATING SHALL NOT BE CONNECTED TO THE PIPE UNDERDRAINS.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
CONCRETE STRUCTURES	CU. M.	114.0
POROUS GRANULAR BACKFILL	CU. M.	103.3
GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ. M.	1016.8
PIPE UNDERDRAINS 150 mm	METER	336.6
PIPE UNDERDRAINS 150 mm (SPECIAL)	METER	268.6
PIPE HANDRAIL	METER	7.2

INDEX OF SHEETS

- 1 WALL KEY PLAN AND GENERAL NOTES
- 2 WALL AND RAILING DETAILS
- 3-19 WALL 1 THRU 16 PLAN AND ELEVATIONS

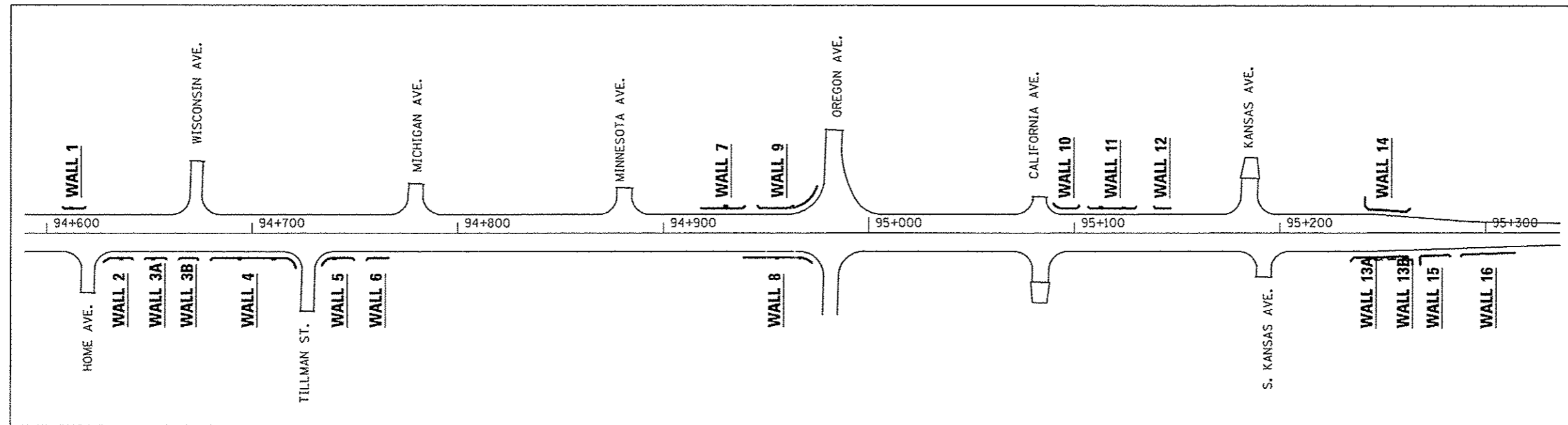
WALL SCHEDULE

WALL NUMBER	STATION TO STATION	CONCRETE STRUCTURES		POROUS GRANULAR BACKFILL		GEOTECHNICAL FABRIC FOR FRENCH DRAINS		PIPE UNDERDRAINS 150 mm		PIPE UNDERDRAINS 150 mm (SPECIAL)		PIPE HANDRAIL	
		CU M	CU M	SQ M	METER	METER	METER	METER	METER				
1	94+607.52 TO 94+619.00	3.5	1.9	25.9	9.6	11.2							
2	94+627.62 TO 94+642.18	5.6	11.3	87.3	13.9	4.4							
3A	94+647.73 TO 94+658.60	3.7	2.2	27.4	9.2	2.8							
3B	94+664.21 TO 94+674.08	2.5	1.3	21.8	7.9	2.5							
4	94+679.73 TO 94+721.46	12.9	8.3	105.3	39.0	4.5							
5	94+733.74 TO 94+749.62	5.1	3.0	40.5	16.1	42.8							
6	94+755.35 TO 94+766.54	3.1	2.3	28.6	10.1	2.5							
7	94+918.06 TO 94+939.57	7.7	6.2	63.6	20.6	2.5							
8	94+938.85 TO 94+972.59	9.5	5.8	77.3	34.1	24.6							
9	94+945.38 TO 94+975.08	9.8	6.6	83.7	32.9	38.3							
10	95+089.55 TO 95+102.31	3.6	2.1	32.0	9.9	5.4							
11	95+106.50 TO 95+130.18	7.1	3.5	49.9	21.8	2.4							
12	95+138.36 TO 95+146.85	2.2	1.4	19.7	7.8	27.4							
13A	95+234.17 TO 95+262.11	13.7	24.1	122.1	26.5	32.8	7.2						
13B	95+260.03 TO 95+264.50	3.0	2.4	25.9	6.0								
14	95+241.11 TO 95+263.24	8.3	8.0	79.1	27.0	2.0							
15	95+268.10 TO 95+282.96	6.1	6.7	59.9	18.0	2.5							
16	95+287.77 TO 95+314.39	7.8	7.1	73.6	26.2	35.0							

BLANK, WESSELINK, COOK & ASSOCIATES
ENGINEERS - CONSULTANTS
DECATUR, ILLINOIS

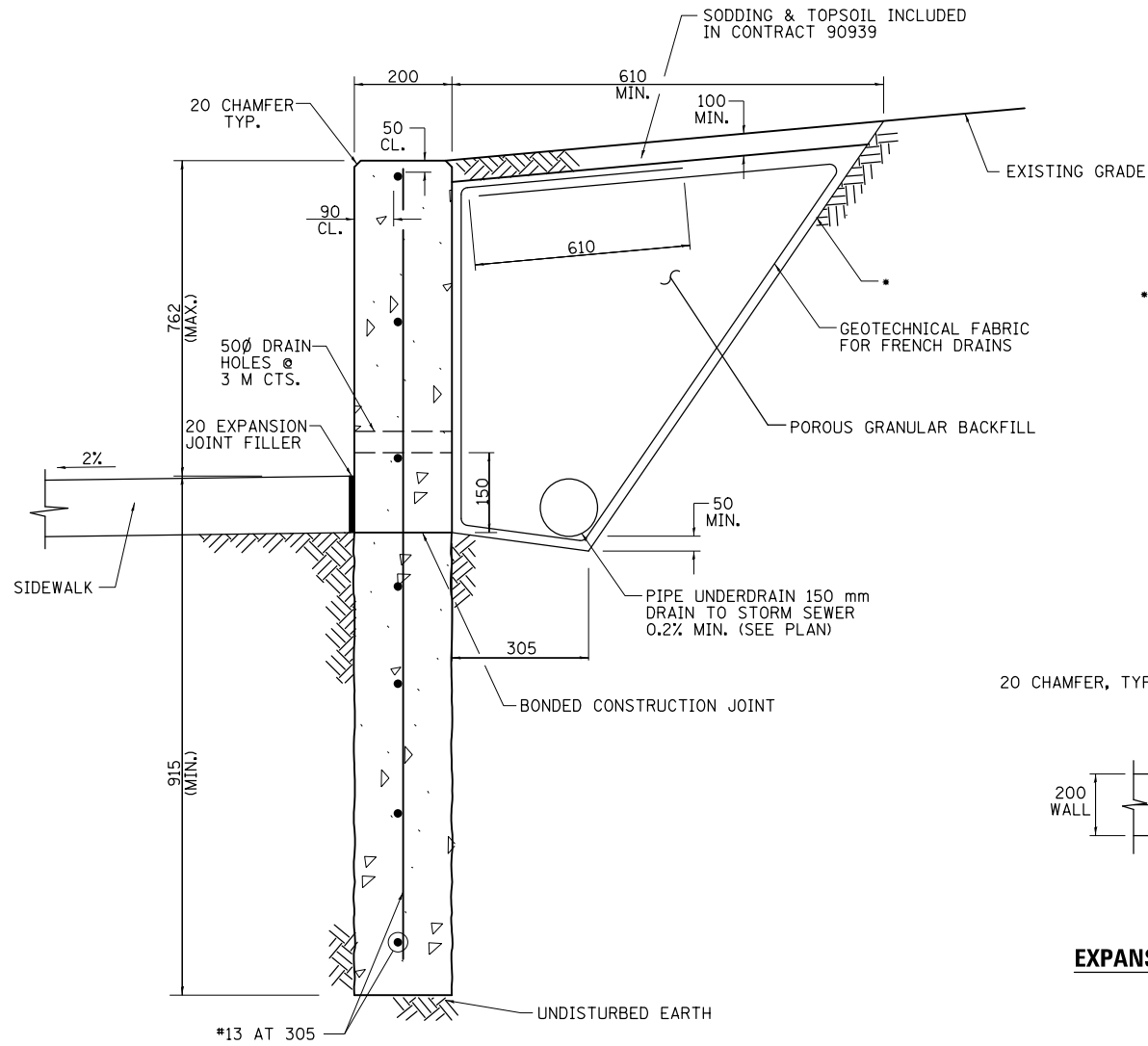


Peter B. Boyles
Peter B. Boyles, P.E., S.E.
Structural Engineer License No. 081-006042
Expiration Date: 11/30/2010



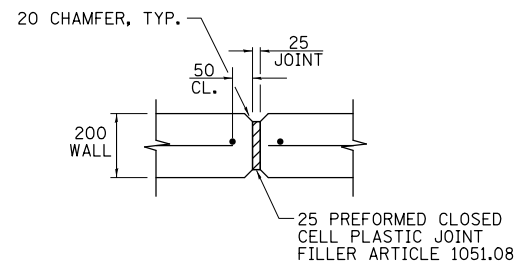
WALL KEY PLAN





CURB WALL DETAIL

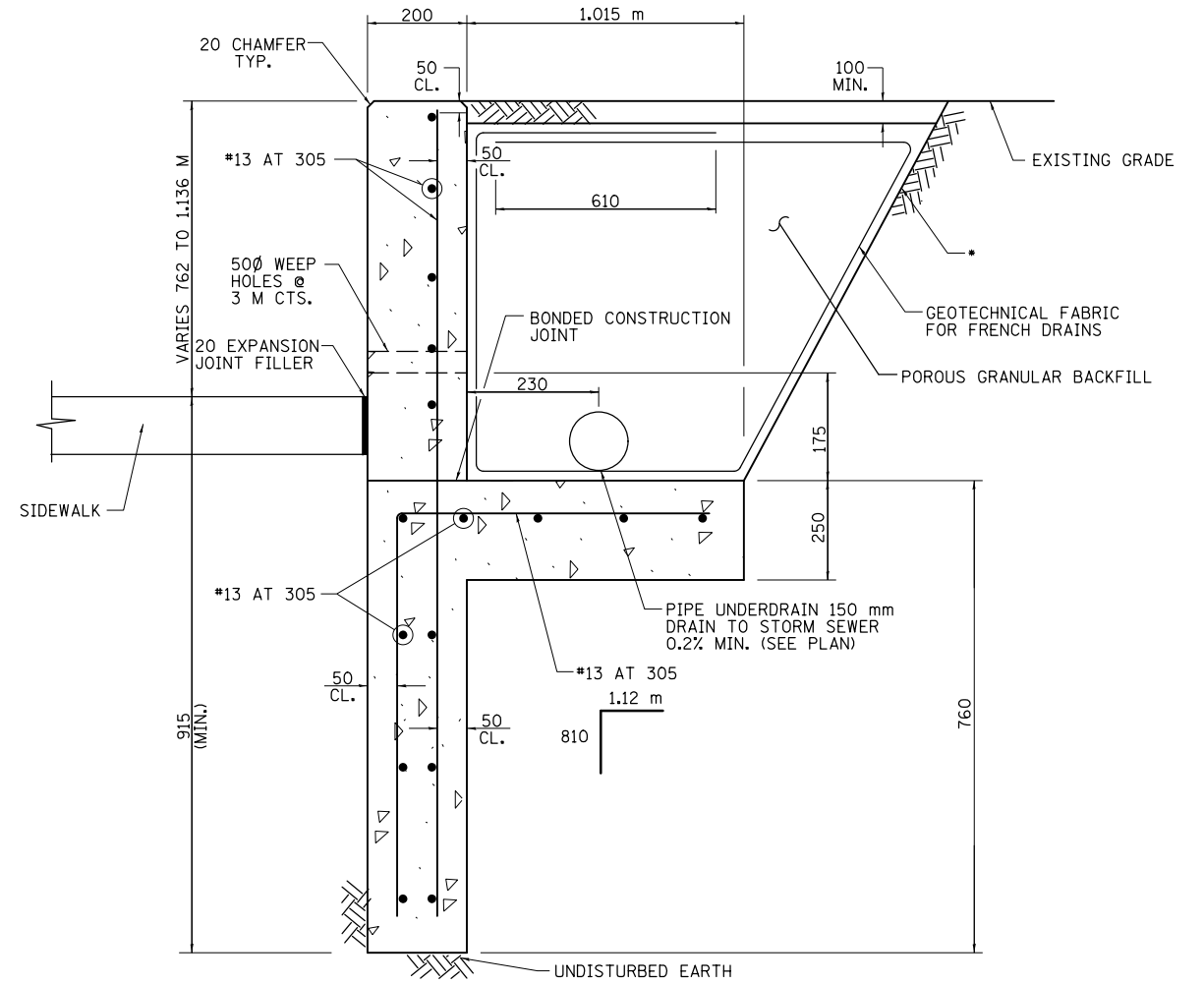
• Slope 2:1 (V:H) or as approved by Engineer



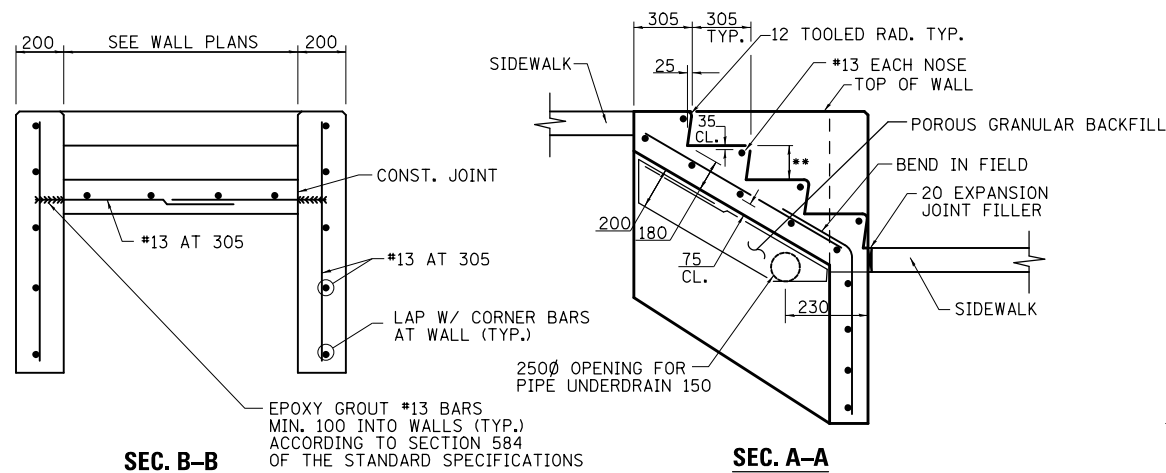
EXPANSION JOINT DETAIL

MIN. BAR LAP

#13 BAR = 1'-9"



RETAINING WALL DETAIL

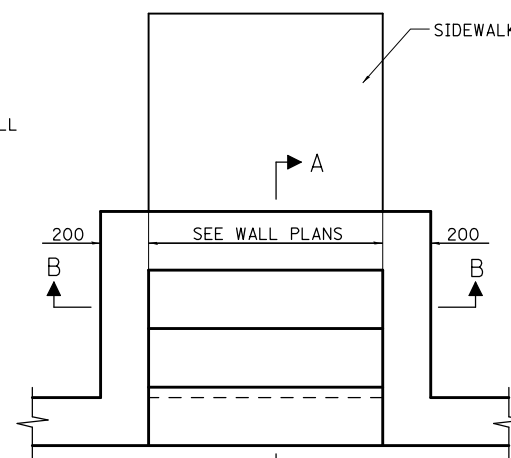


SEC. B-B

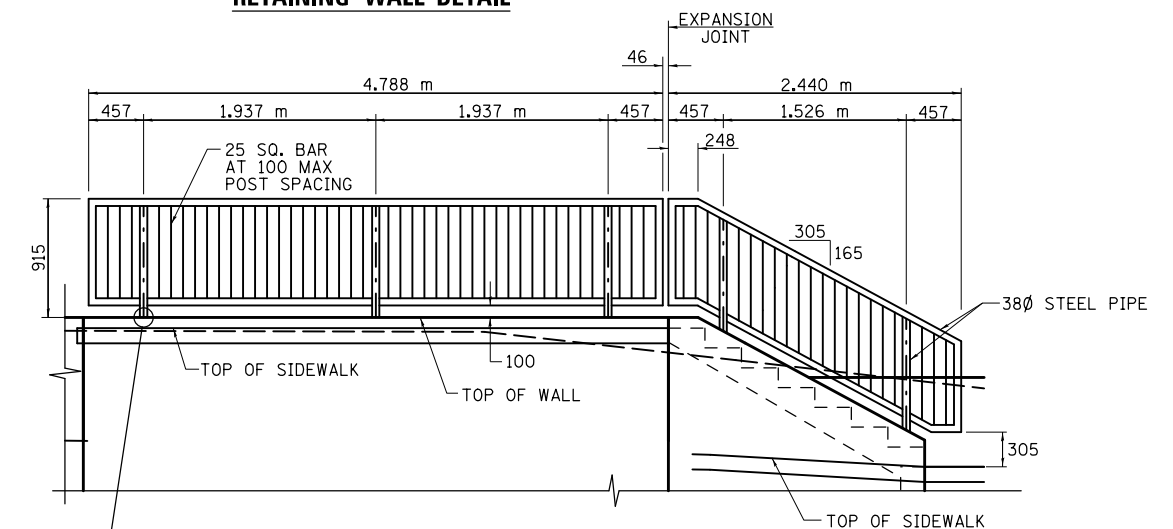
SEC. A-A

** SEE WALL ELEVATIONS

STEP DETAILS



TYPICAL PLAN



PIPE HANDRAIL DETAIL

NOTE:
ALL DIMENSIONS ARE IN MILLIMETERS (MM)
EXCEPT AS NOTED.

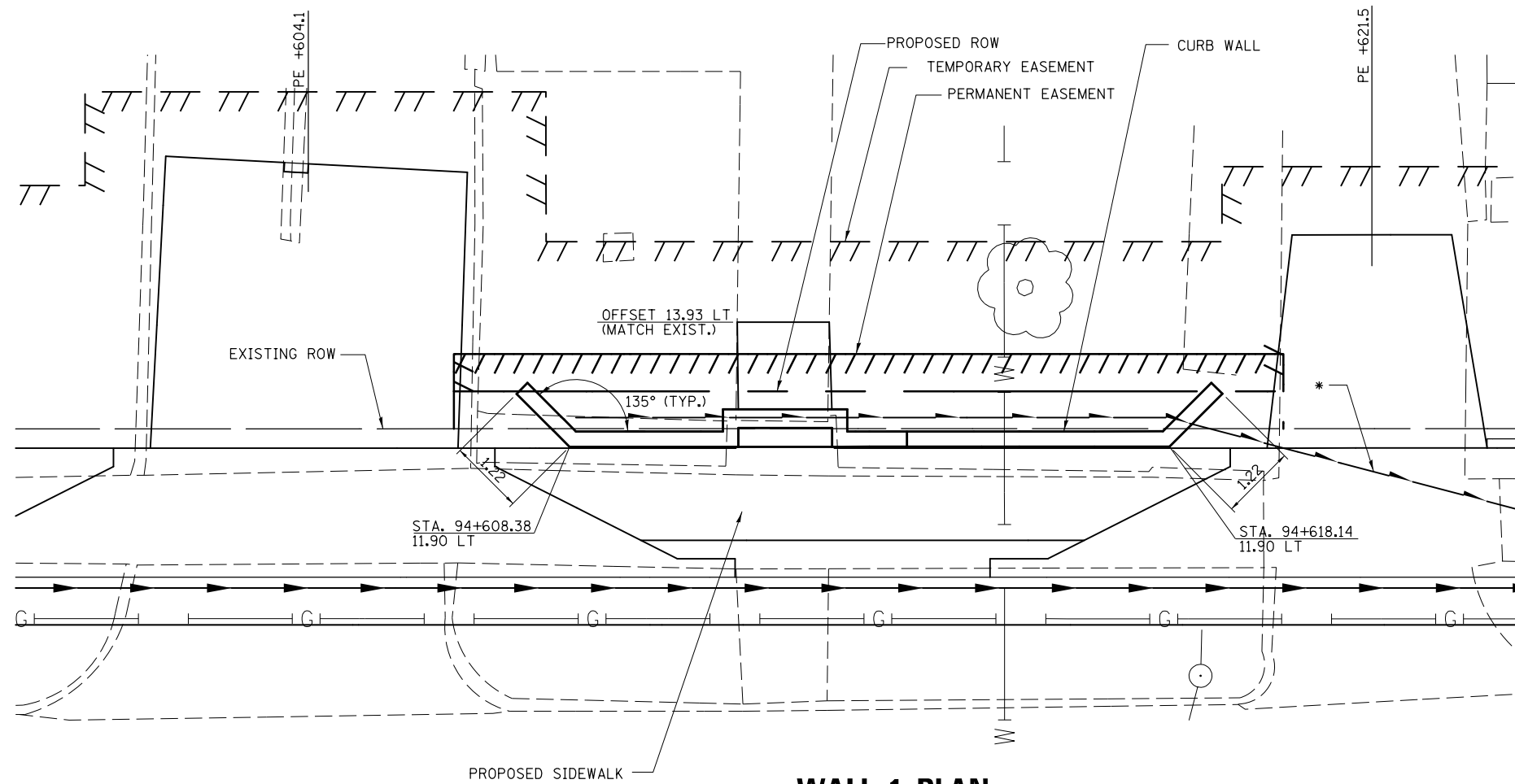
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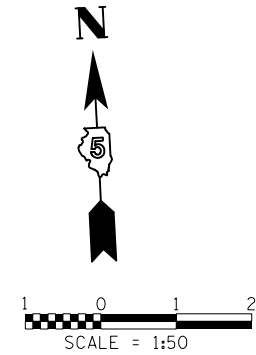
WALL AND RAILING DETAILS

SCALE: SHEET NO. 2 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,R	VERMILION	298	135
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				



WALL 1 PLAN

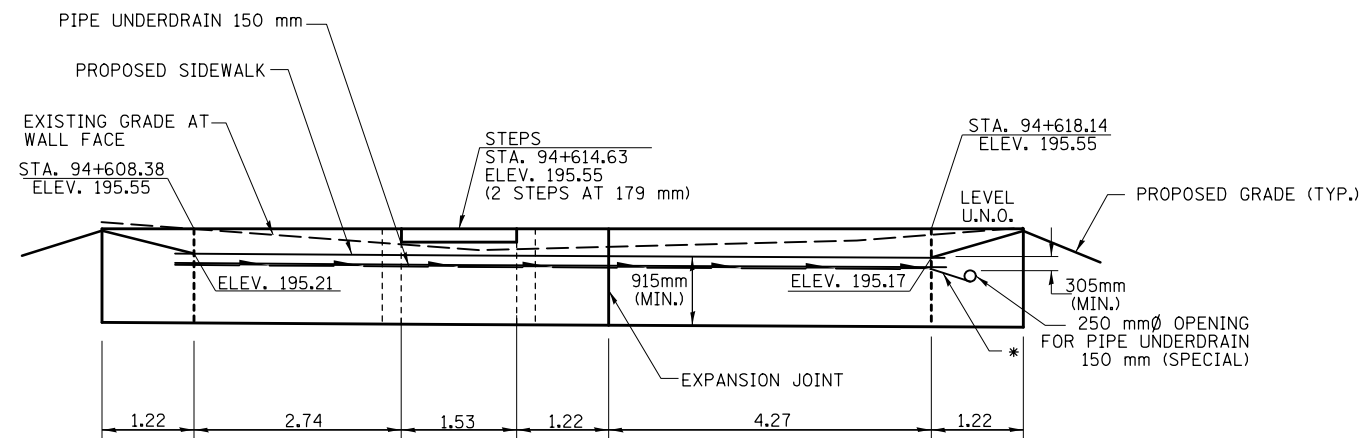


* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #76 AT STA. 94+629.00, 9.6 m LT

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+605	195.22
94+610	195.20
94+615	195.18
94+620	195.16

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 1 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

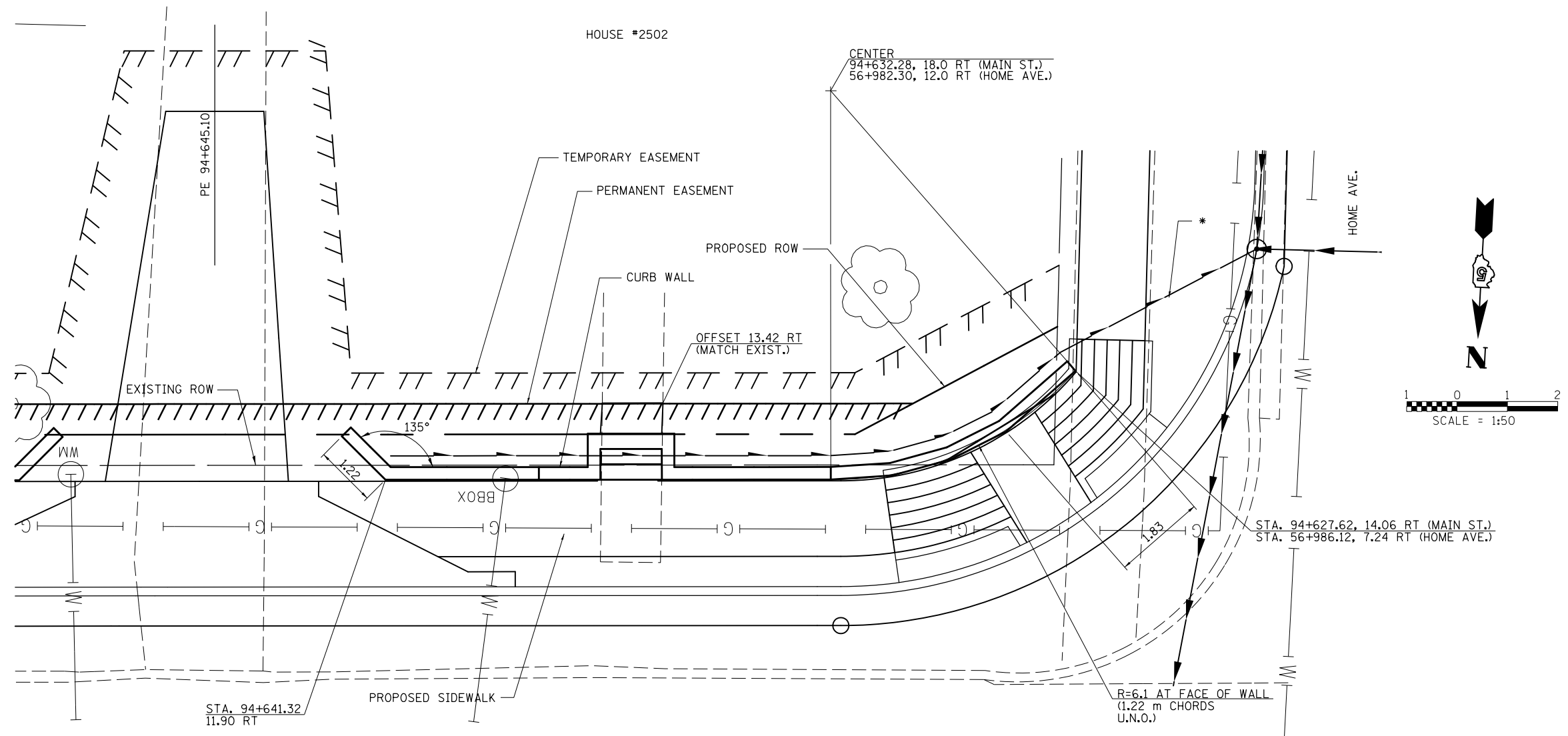
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PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -
PLOT DATE = 8/17/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 1 PLAN AND ELEVATION

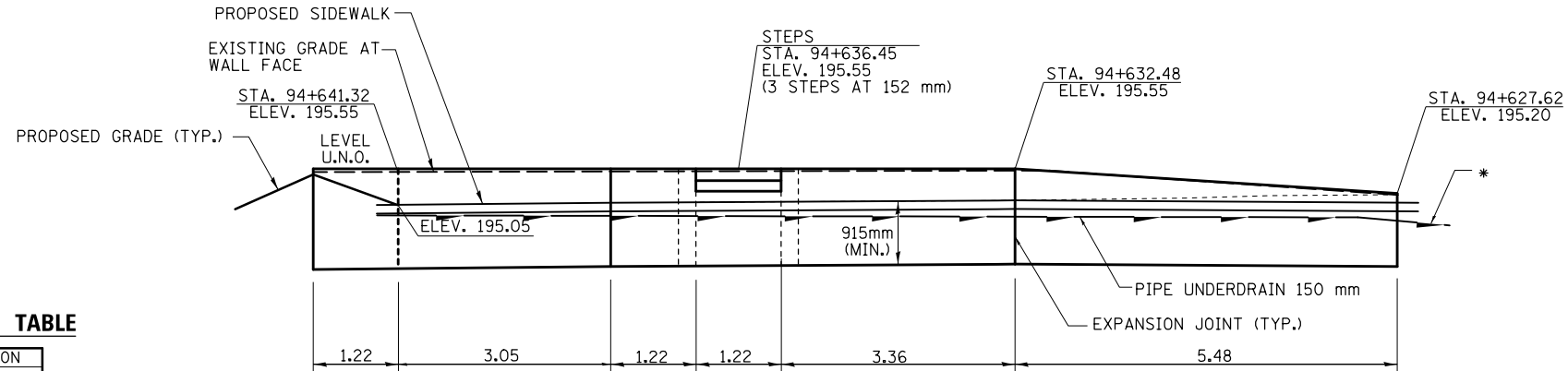
SCALE: 1:50 SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	136
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				



WALL 2 PLAN

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #77 AT STA. 94+624.00, 16.5 m RT (MAIN ST.) & STA. 56+983.61, 3.7 m RT (HOME AVE.)



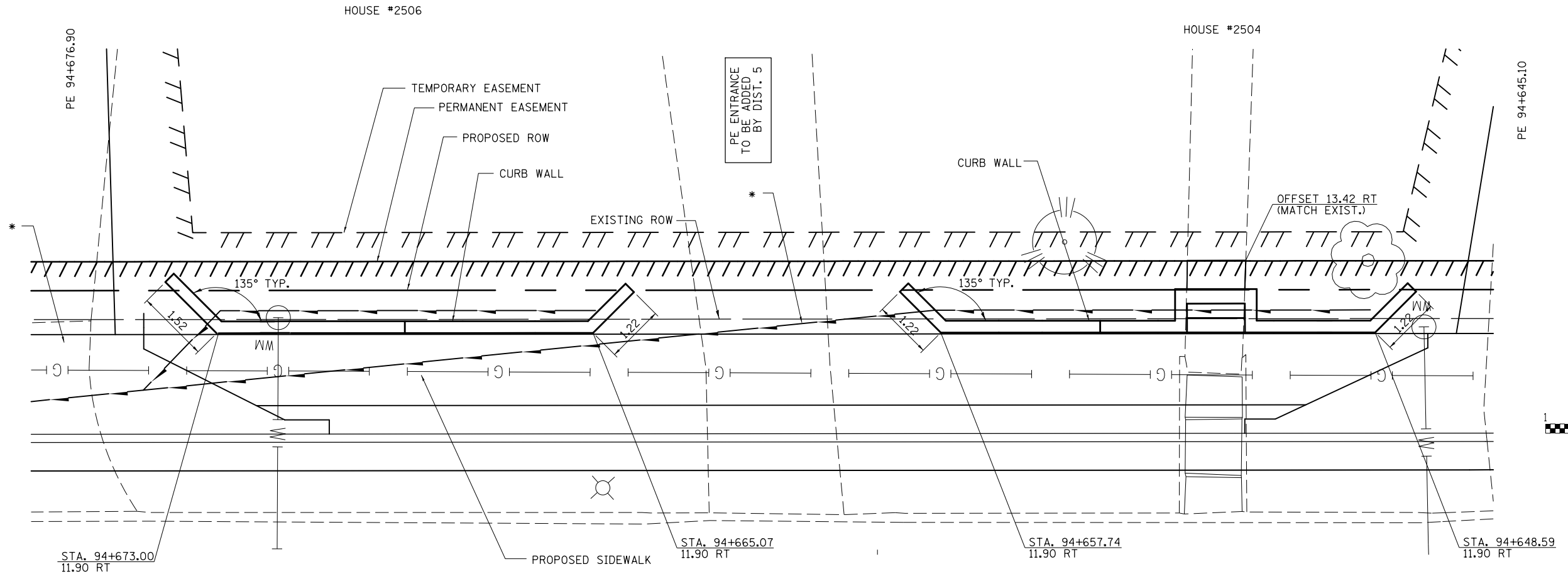
WALL 2 ELEVATION

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+630	195.11
94+635	195.08
94+640	195.05
94+645	195.02

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

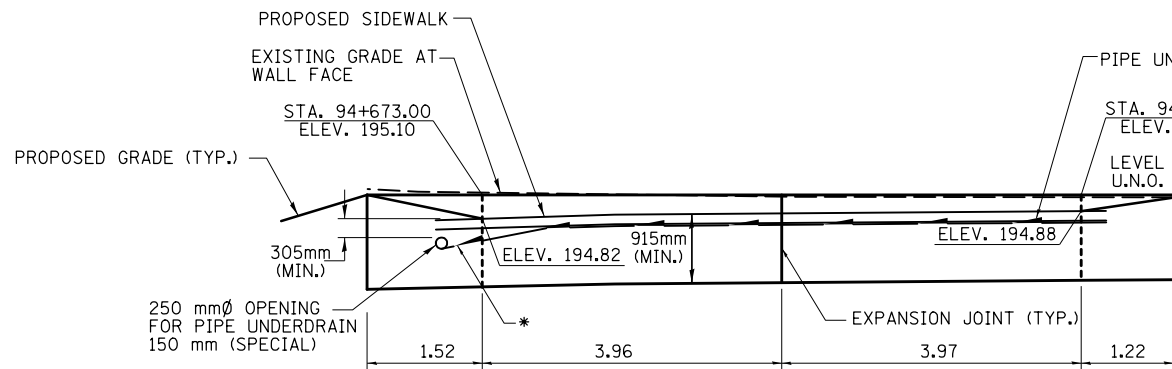


WALL 3B PLAN

WALL 3A PLAN

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET #88 AT STA. 94+685.49, 6 m RT

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET #88 AT STA. 94+685.49, 9.6 m RT

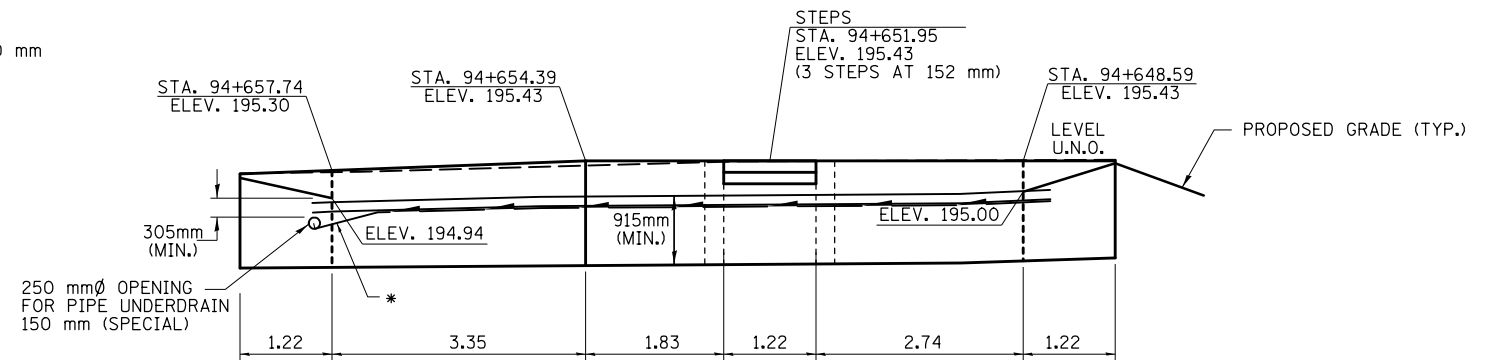


WALL 3B ELEVATION

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+645	195.02
94+650	194.99
94+655	194.96
94+660	194.92
94+665	194.88
94+670	194.85
94+675	194.80

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 3A ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT DATE = 8/17/2012	DATE -	REVISED -

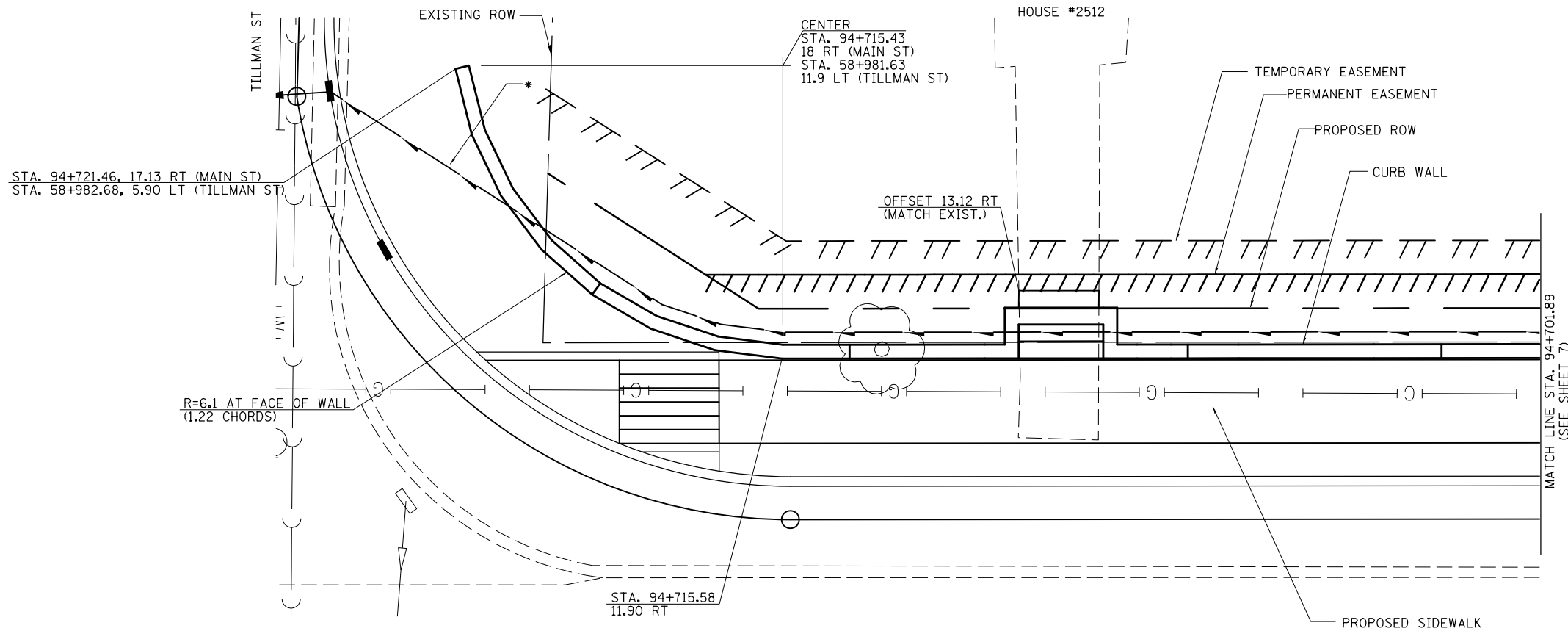
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 3 PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 5 OF 19 SHEETS STA. TO STA.

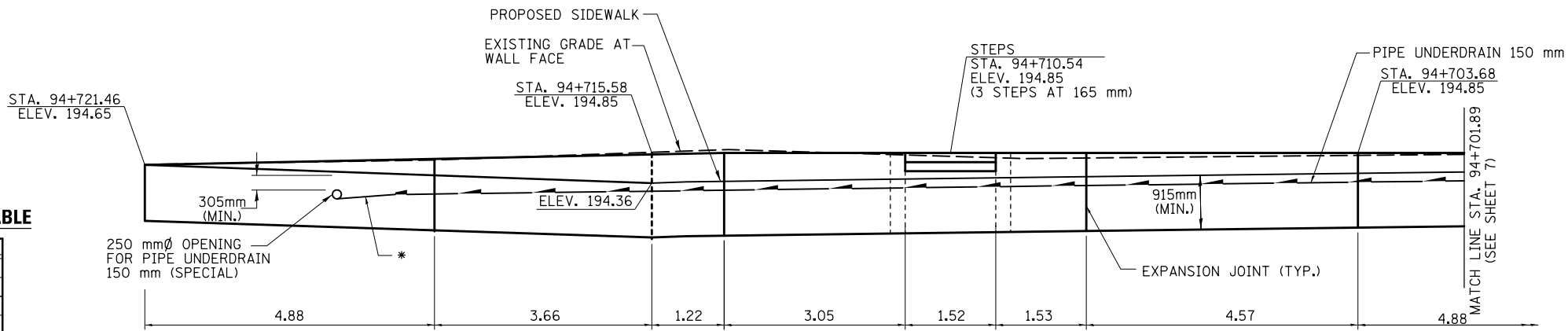
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	138
CONTRACT NO. 90939				

ILLINOIS FED. AID PROJECT



WALL 4 PLAN

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET #92 AT STA. 94+723.74, 16.7 m RT (MAIN ST.) STA. 58+983.16, 3.64 m LT (TILLMAN ST.)



WALL 4 ELEVATION

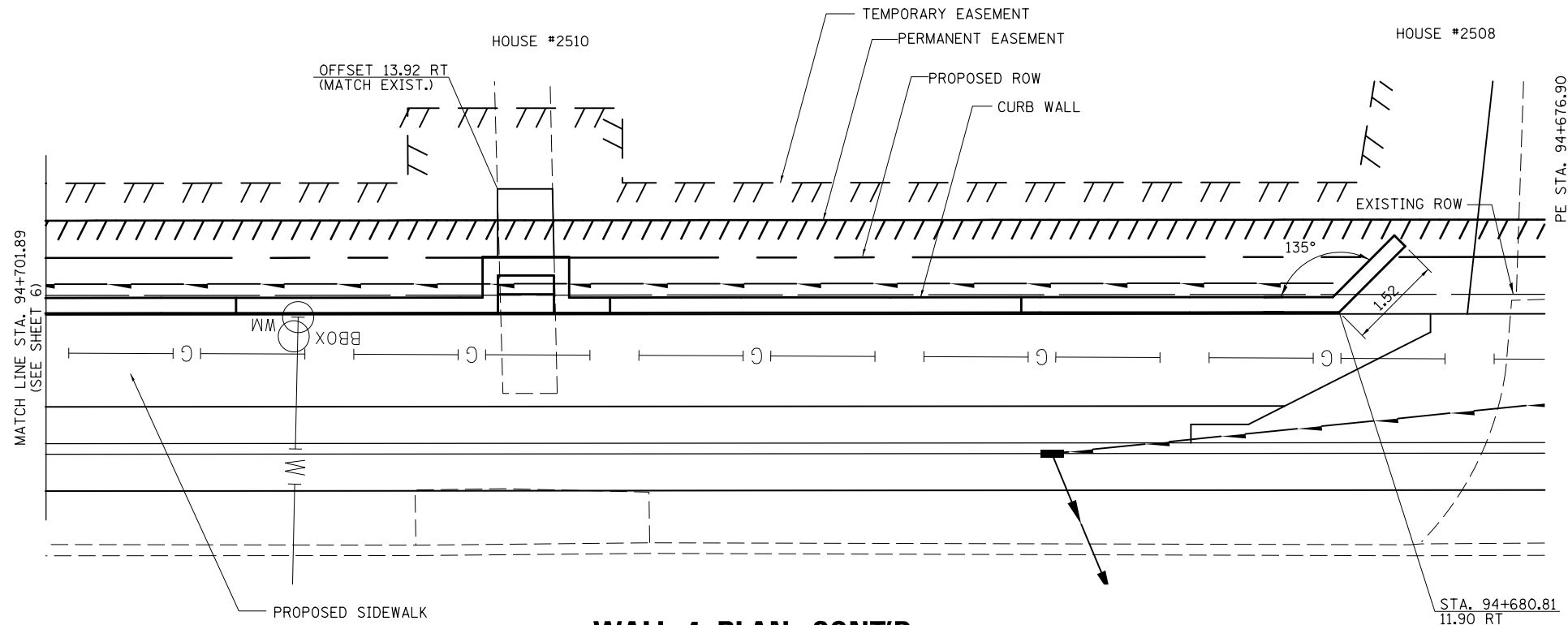
SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+700	194.55
94+705	194.49
94+710	194.43
94+715	194.37

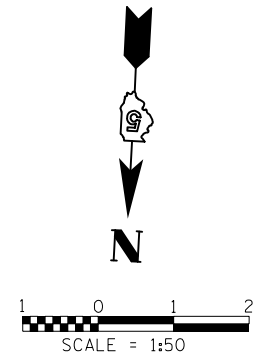
(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 4 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\090939\RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	139			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 909396							
PLOT DATE = 8/17/2012		DATE -	REVISED -		SCALE: 1:50	SHEET NO. 6 OF 19 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



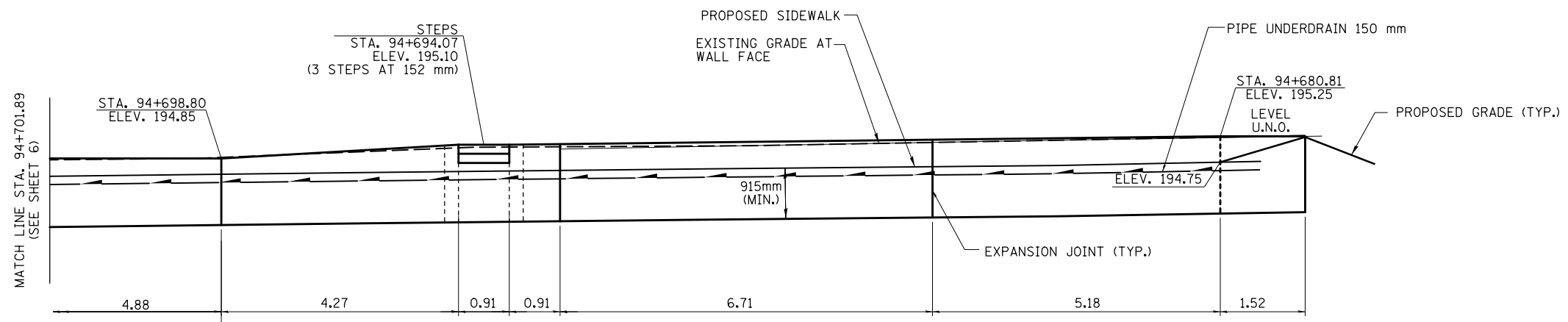
WALL 4 PLAN CONT'D



SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+680	194.76
94+685	194.71
94+690	194.66
94+695	194.61
94+700	194.55

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 4 ELEVATION CONT'D

- NOTES:
1. SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 2. ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 3. U.N.O. = UNLESS NOTED OTHERWISE

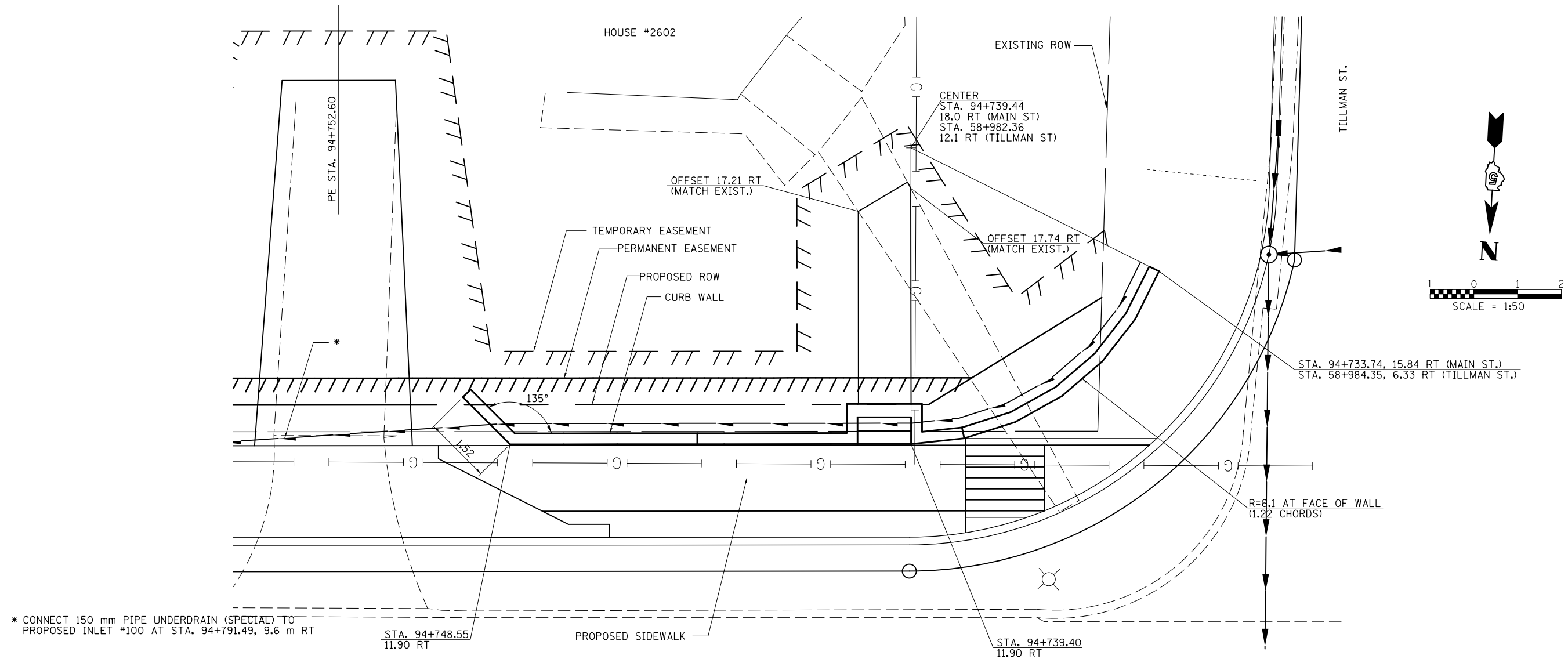
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	PLOT DATE = 8/17/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 4 CONT'D PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 7 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	140
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				

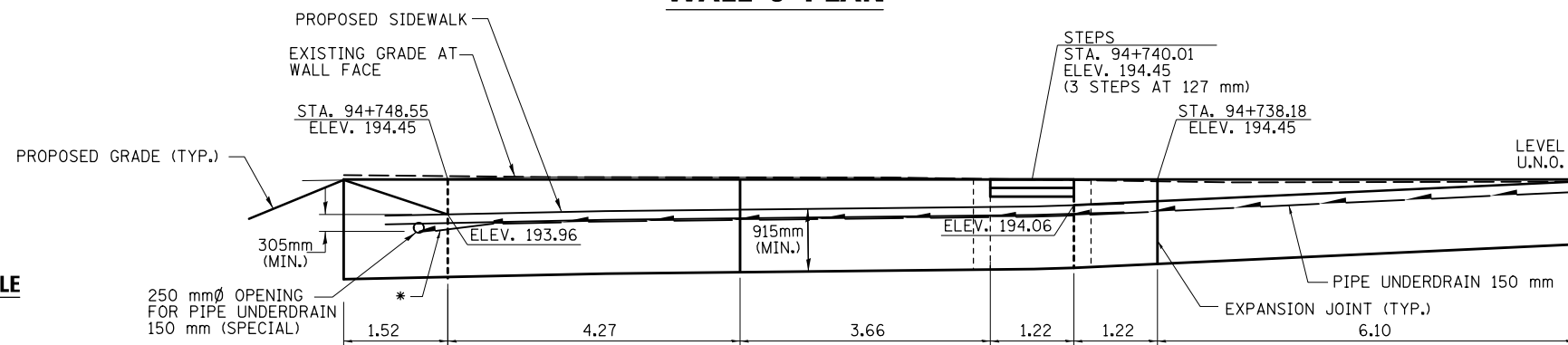


WALL 5 PLAN

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+735	194.11
94+740	194.05
94+745	194.00
94+750	193.94

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 5 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ce:\pw\work\p\id\ceerlockjd\0313241\090939\RetainWallDetails.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

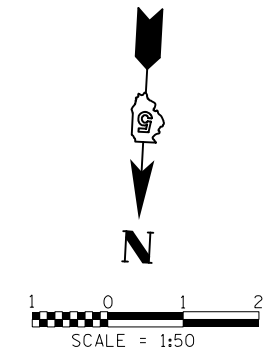
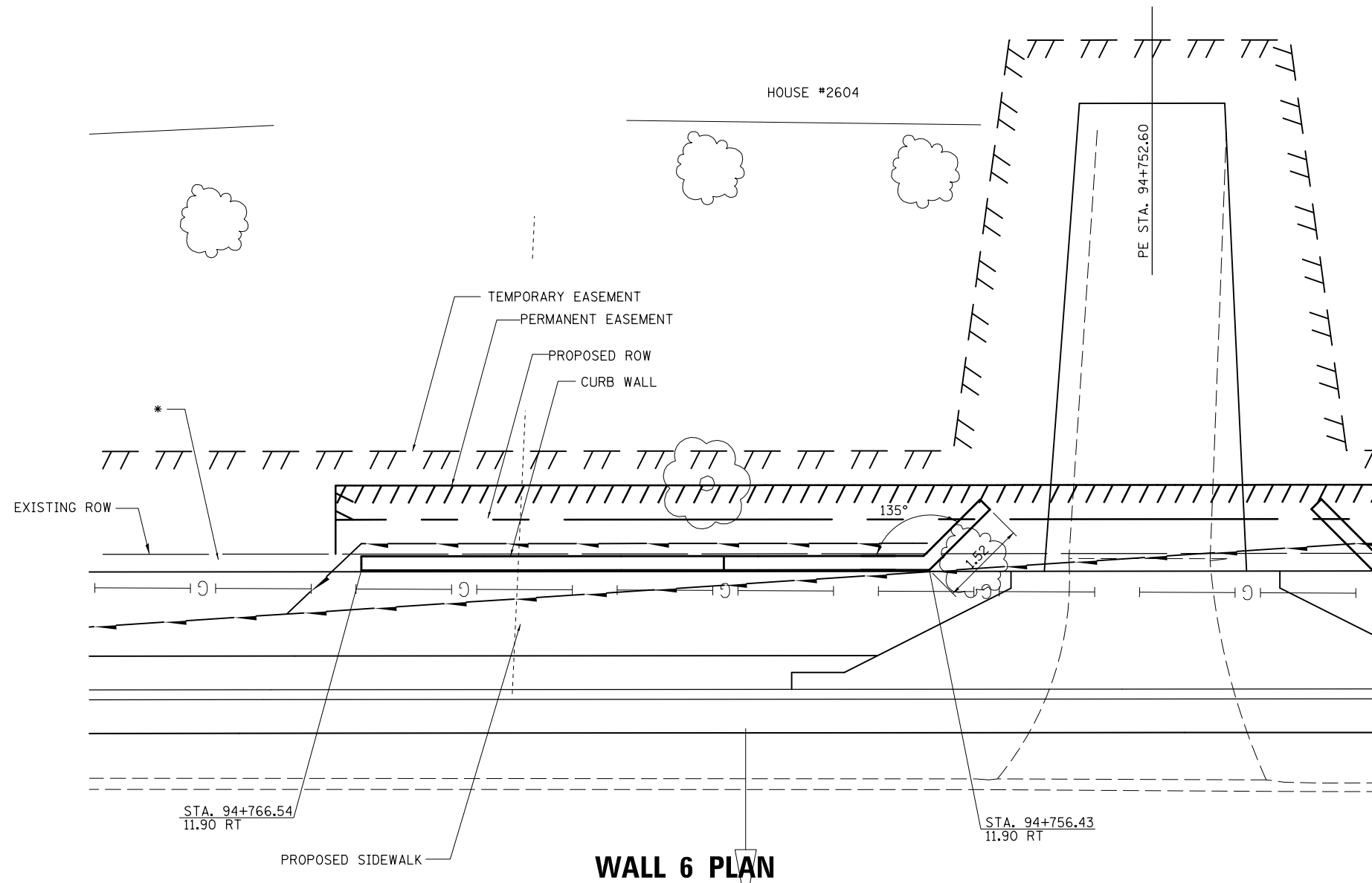
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 5 PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 8 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	141
CONTRACT NO. 90939				

ILLINOIS FED. AID PROJECT

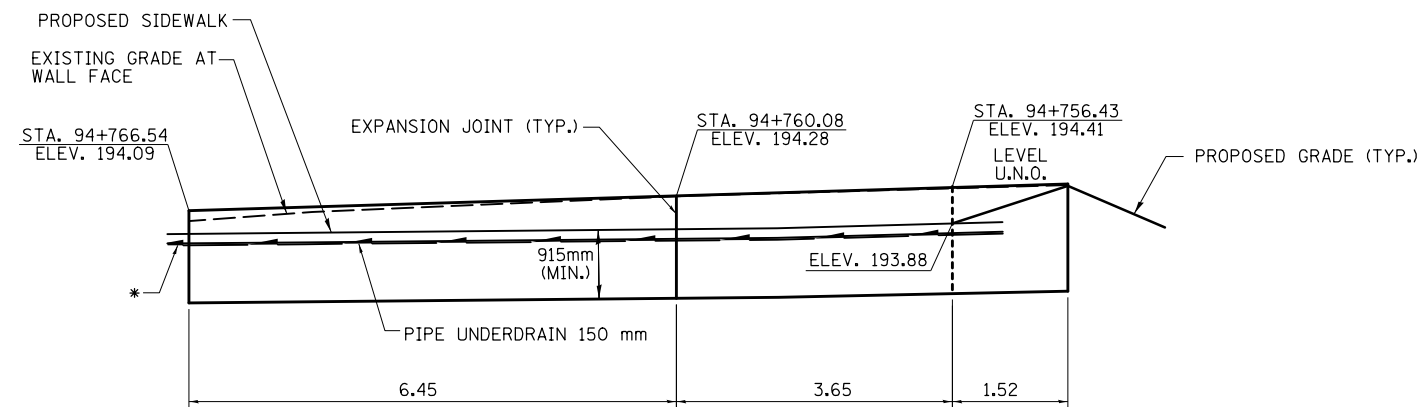


* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET *100 AT STA. 94+791.49, 9.6 m RT

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+755	193.89
94+760	193.84
94+765	193.80
94+770	193.75

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 6 ELEVATION

- NOTES:
1. SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 2. ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 3. U.N.O. = UNLESS NOTED OTHERWISE

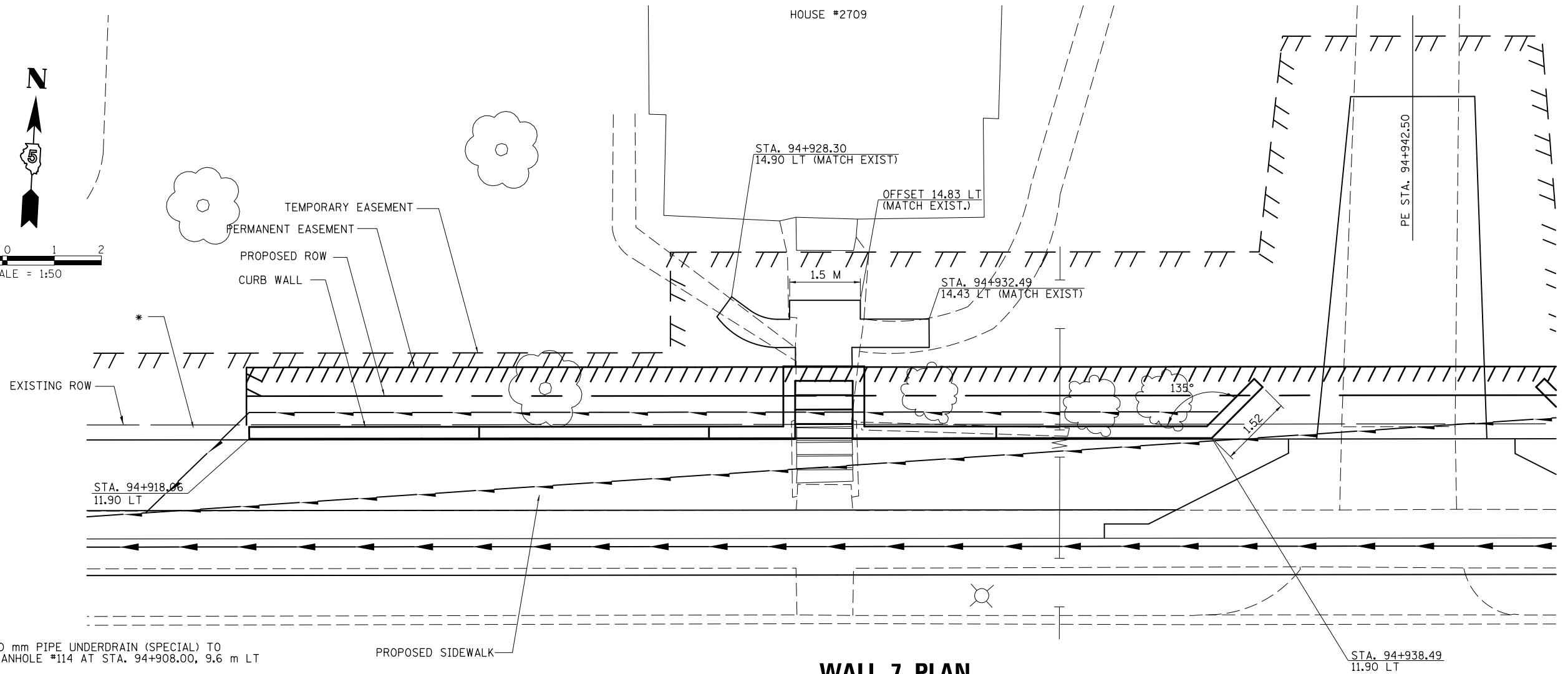
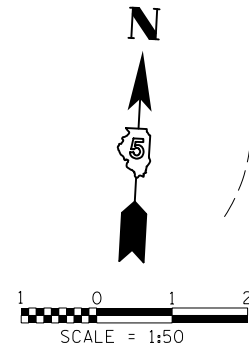
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PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -
PLOT DATE = 8/17/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 6 PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 9 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	142
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				

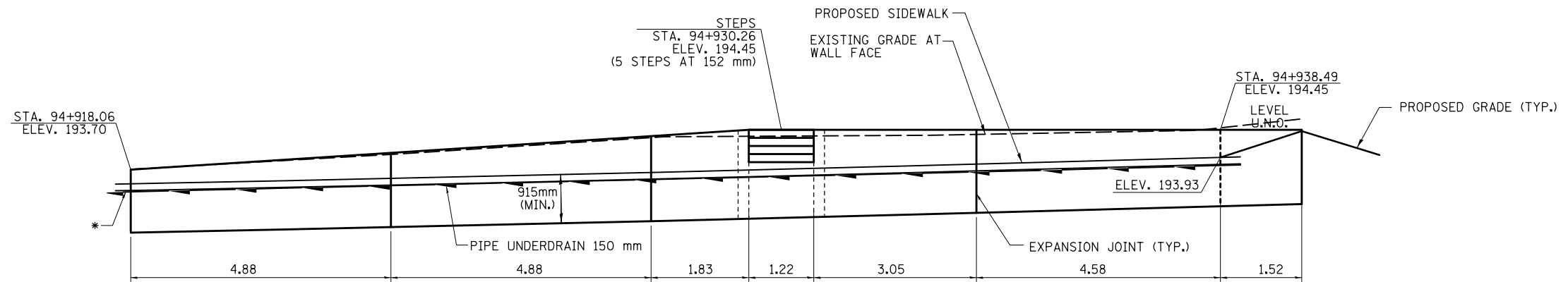


WALL 7 PLAN

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+915	193.38
94+920	193.47
94+925	193.58
94+930	193.70
94+935	193.83
94+940	193.97

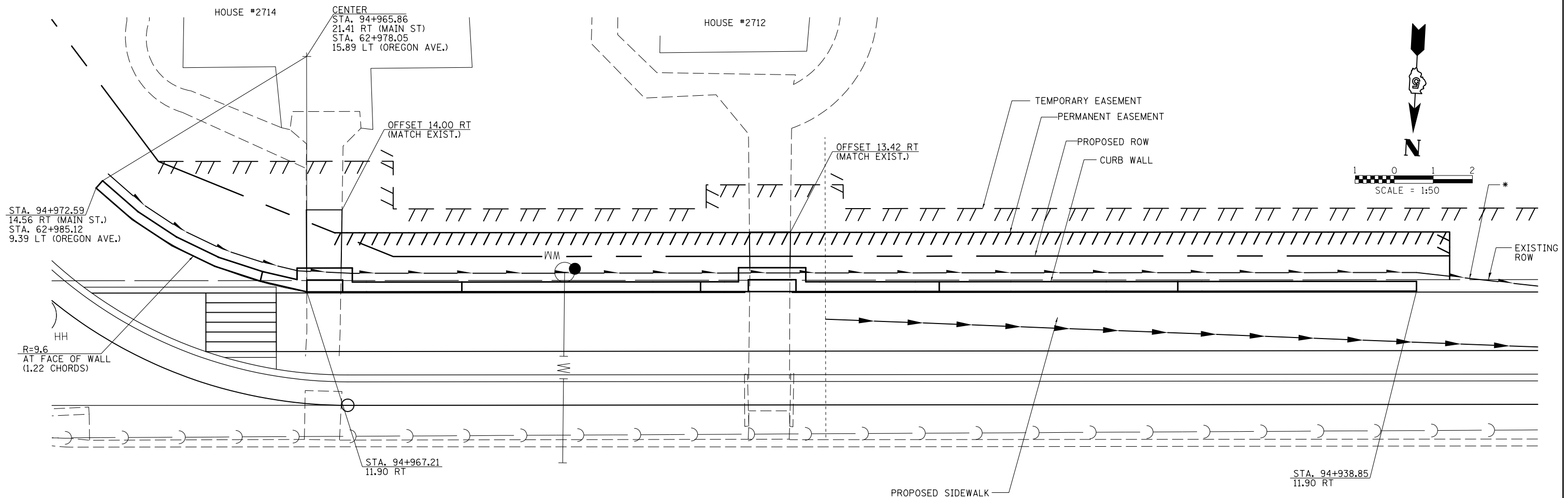
(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



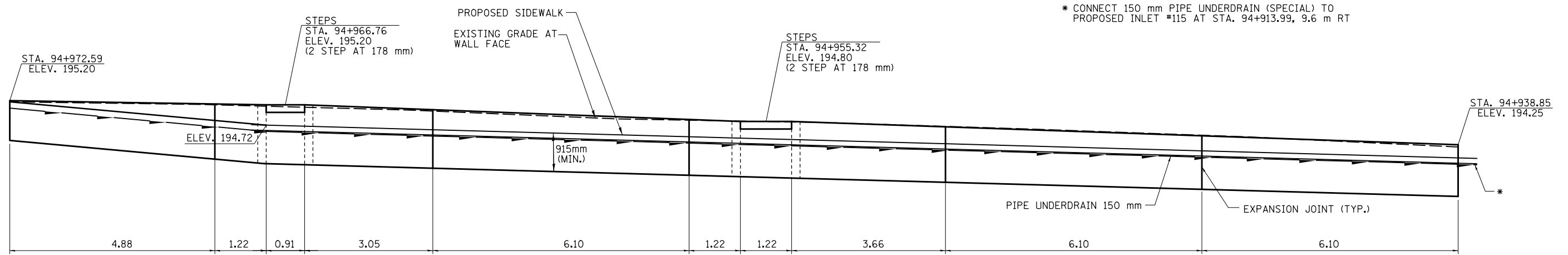
WALL 7 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 7 PLAN AND ELEVATION			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\090939\RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	143			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		SCALE: 1:50	SHEET NO. 10 OF 19 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



WALL 8 PLAN



* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET #115 AT STA. 94+913.99, 9.6 m RT

SIDEWALK ELEVATION TABLE

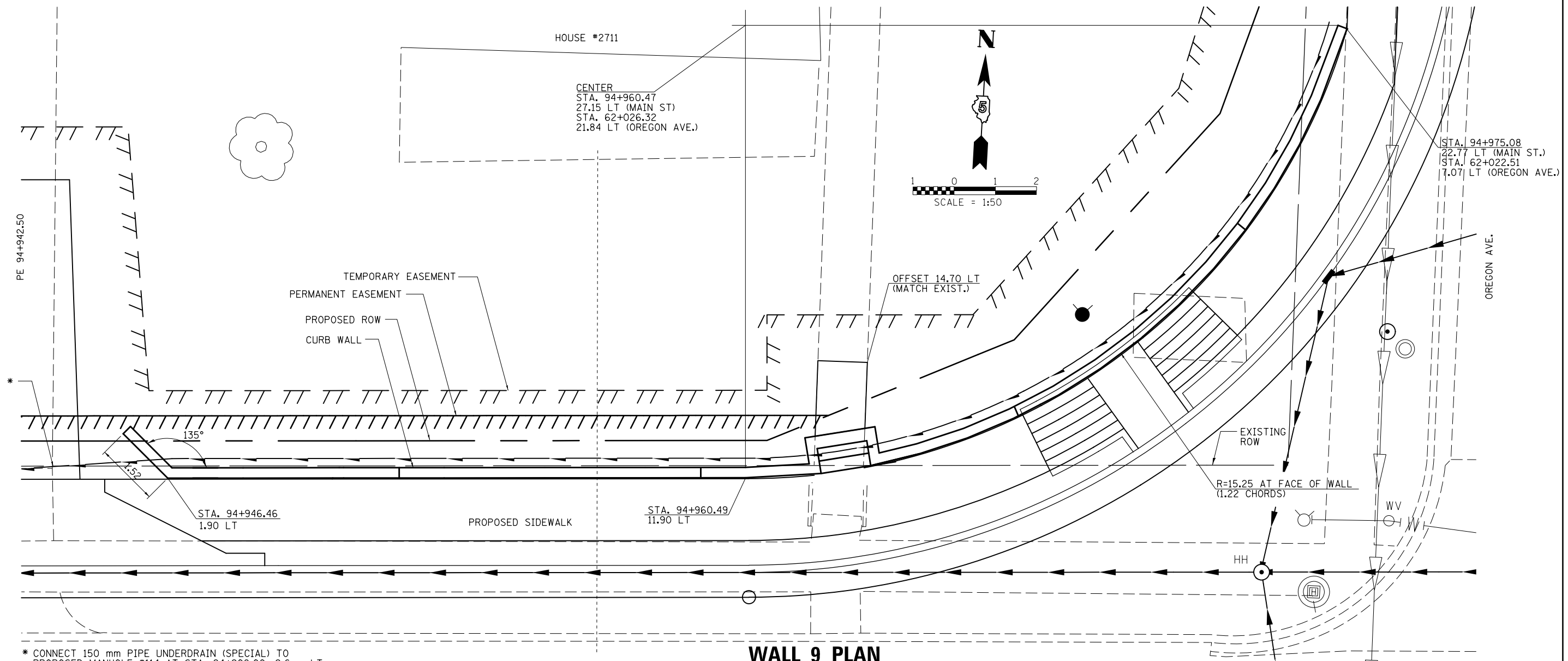
STATION	ELEVATION
94+935	193.83
94+940	193.97
94+945	194.11
94+950	194.25
94+955	194.38
94+960	194.52
94+965	194.66
94+970	194.79

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

WALL 8 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 8 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\090939RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	144			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

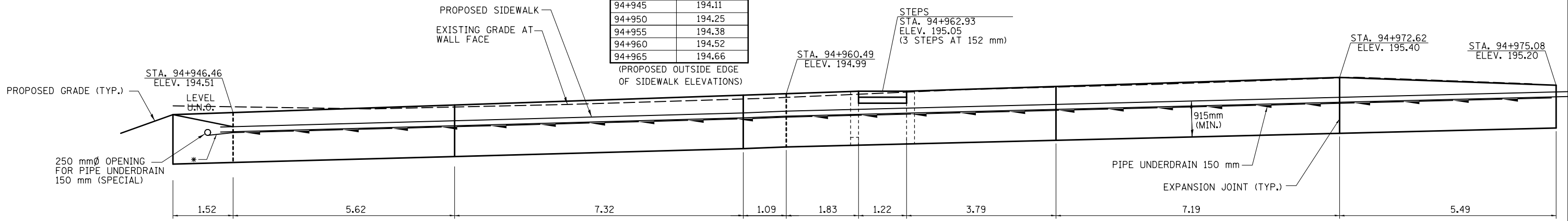


WALL 9 PLAN

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
94+945	194.11
94+950	194.25
94+955	194.38
94+960	194.52
94+965	194.66

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 9 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

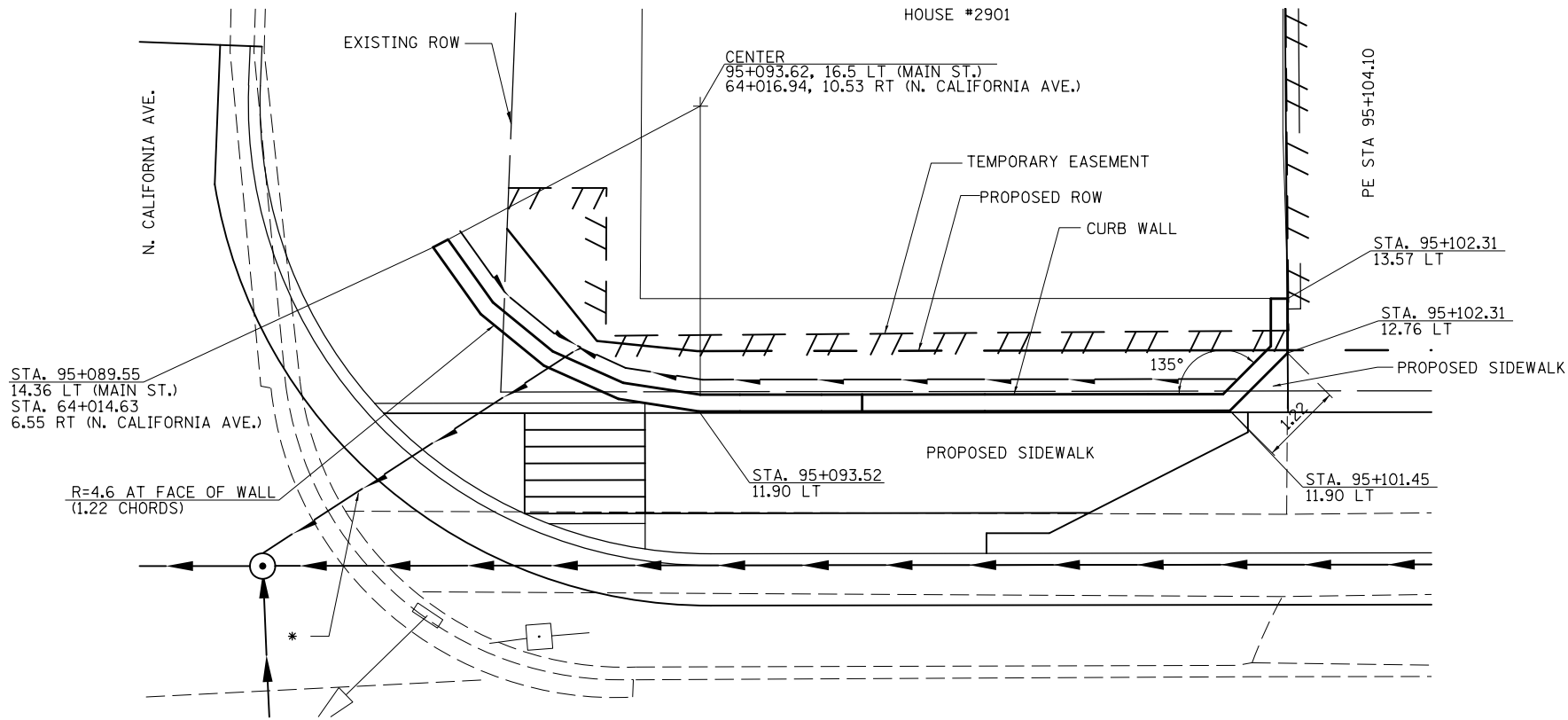
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PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -
PLOT DATE = 8/17/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 9 PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 12 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	145
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				



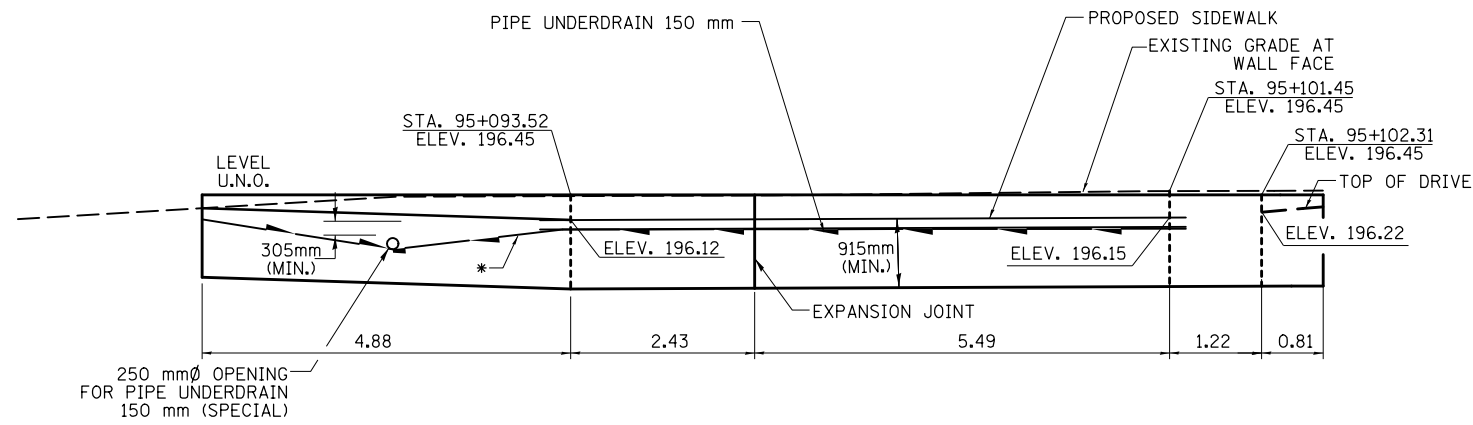
WALL 10 PLAN

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #128 AT STA. 95+087.00, 9.6 m LT

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+090	196.10
95+095	196.12
95+100	196.14
95+105	196.16

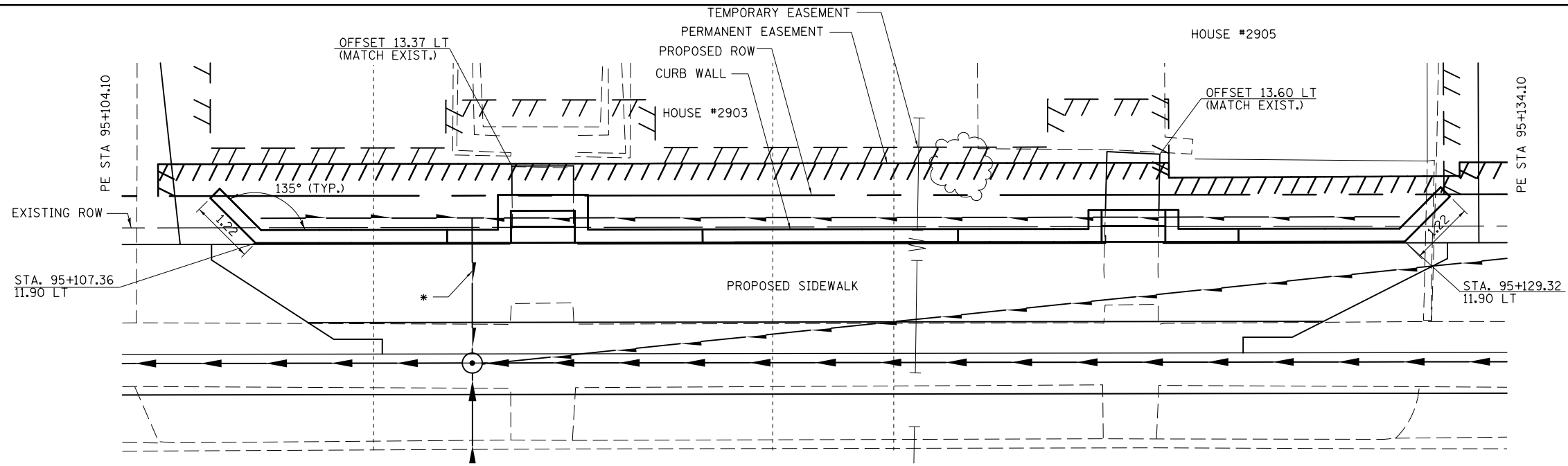
(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 10 ELEVATION

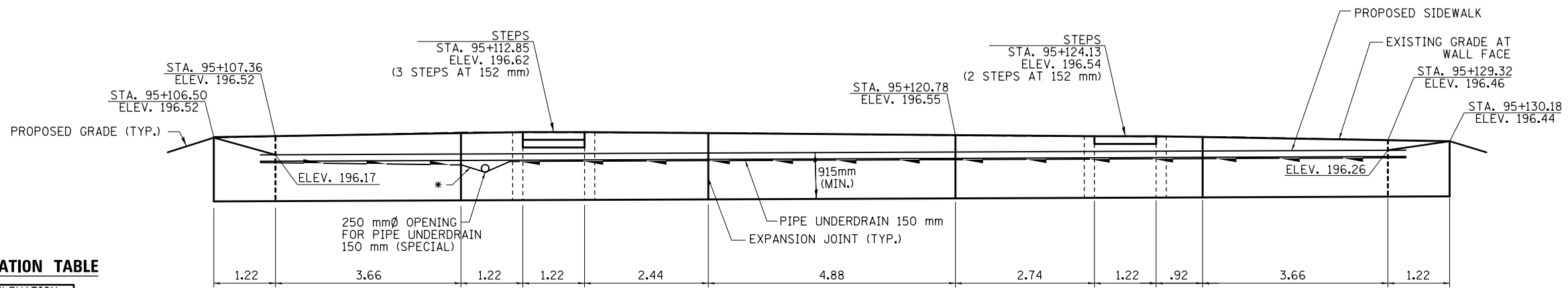
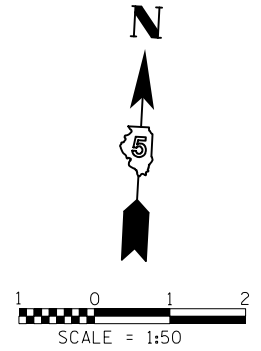
- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 10 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceorlockjd\0313241\0909339RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	146			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		SCALE: 1:50	SHEET NO. 13 OF 19 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #133 AT STA. 95+111.50, 9.6 m LT

WALL 11 PLAN



SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+105	196.16
95+110	196.18
95+115	196.20
95+120	196.22
95+125	196.25
95+130	196.27

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

WALL 11 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

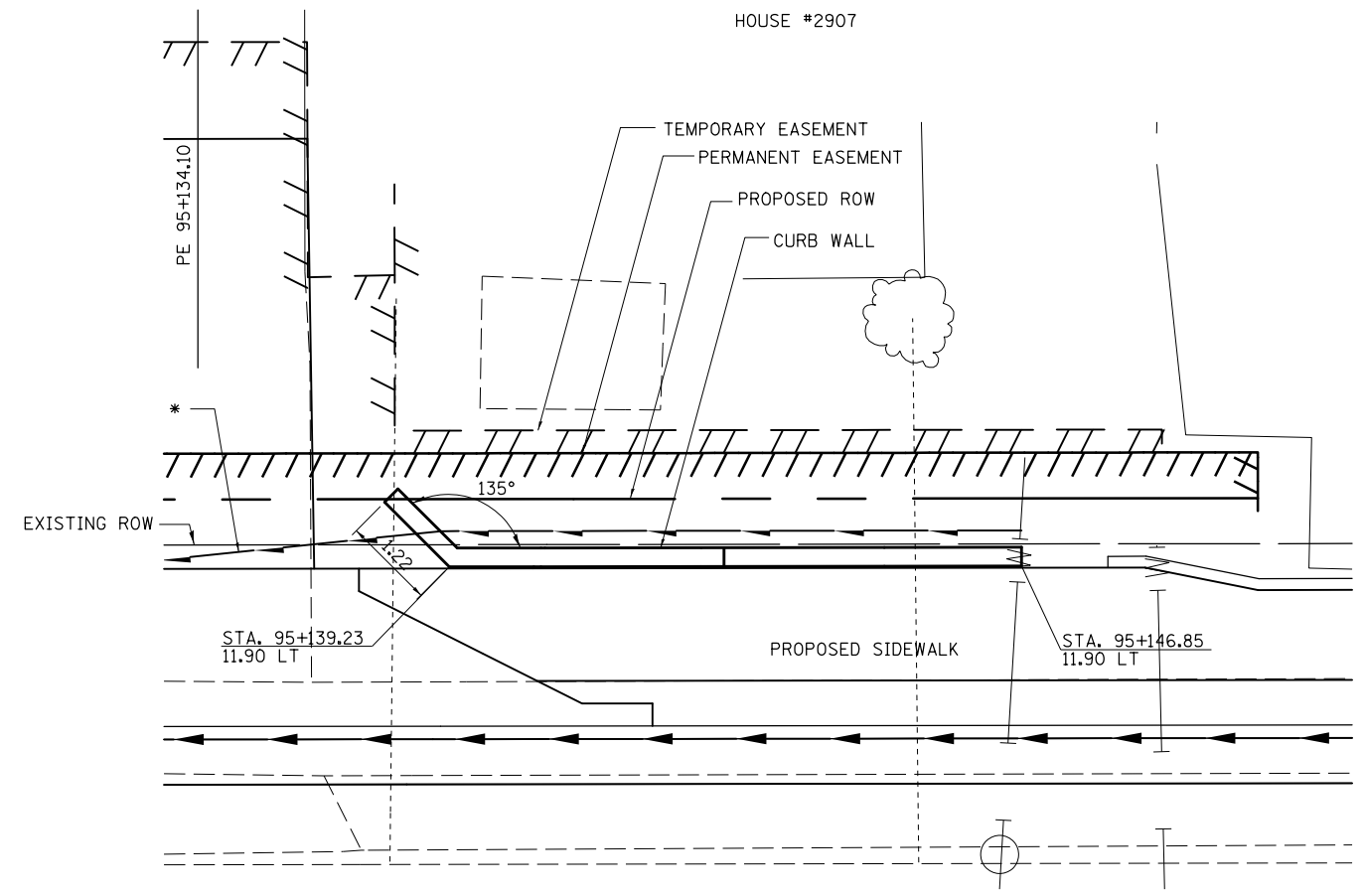
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL 11 PLAN AND ELEVATION

SCALE: 1:50 SHEET NO. 14 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	147
CONTRACT NO. 90939				
ILLINOIS FED. AID PROJECT				



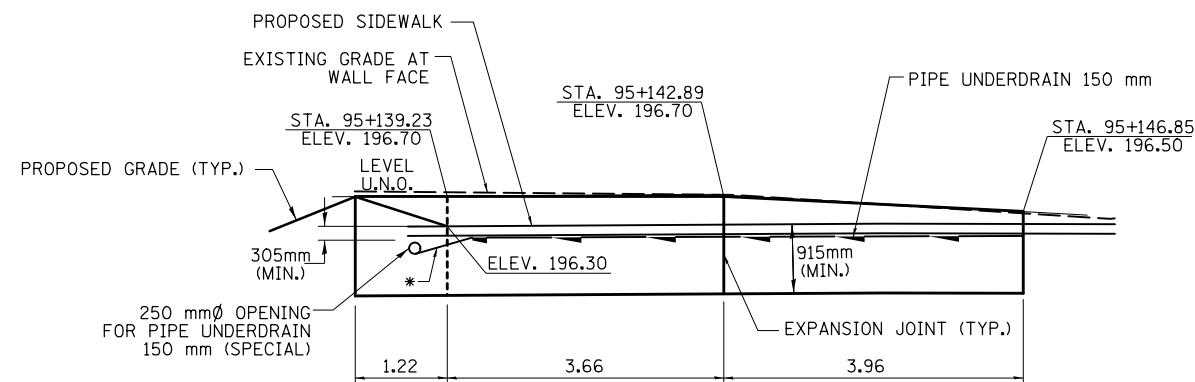
* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #133 AT STA. 95+111.50, 9.6 m LT

WALL 12 PLAN

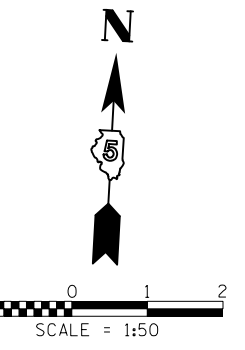
SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+135	196.29
95+140	196.31
95+145	196.33
95+150	196.34

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

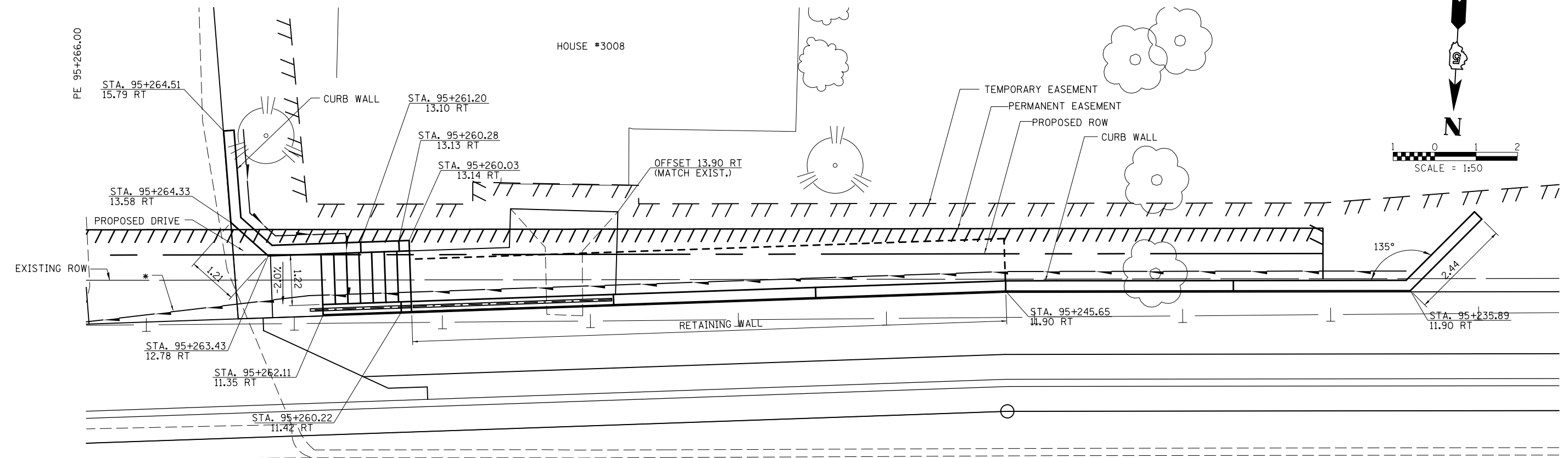


WALL 12 ELEVATION



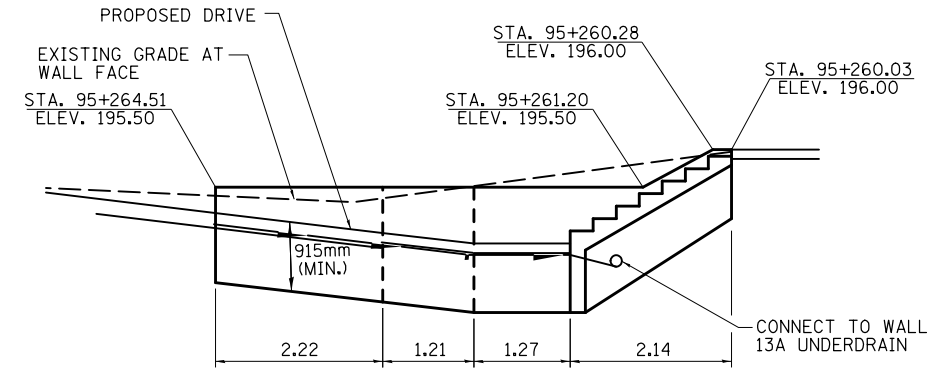
- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 12 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\090939\RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	148			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1:50	SHEET NO. 15 OF 19 SHEETS	STA.	TO STA.					



* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED Inlet #144 AT STA. 95+294.99, 7.95 m RT

WALL 13 PLAN

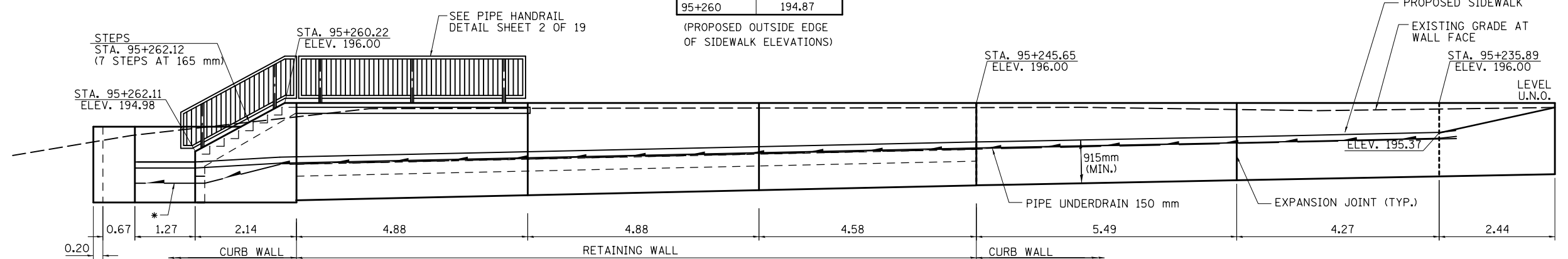


WALL 13B ELEVATION

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+235	195.38
95+240	195.29
95+245	195.19
95+250	195.09
95+255	194.99
95+260	194.87

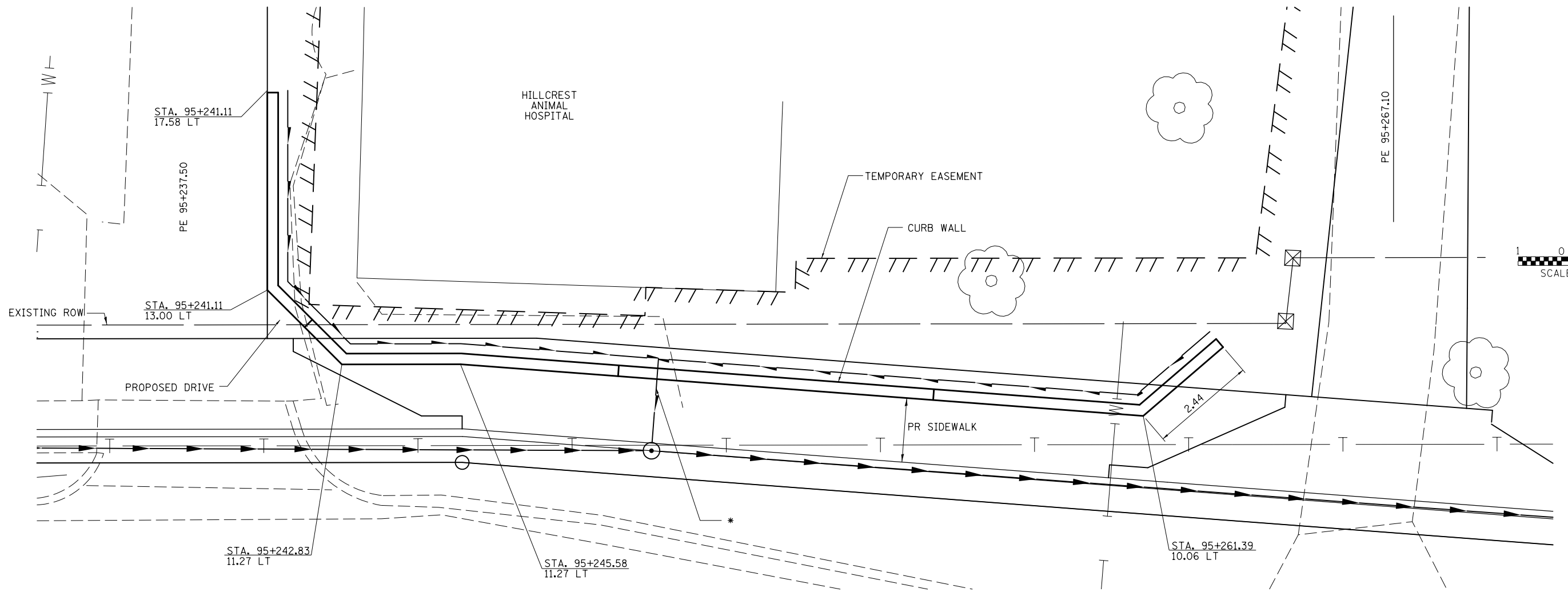
(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 13A ELEVATION

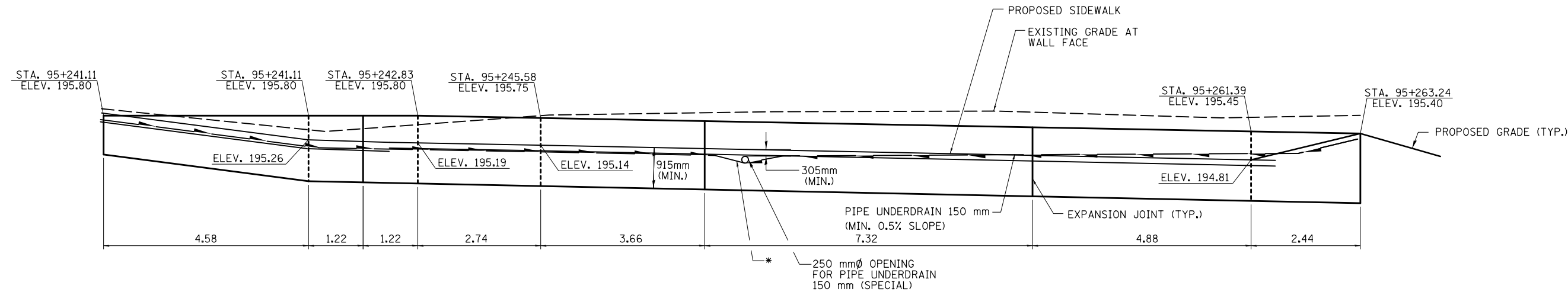
- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 13 PLAN AND ELEVATION			F.A.P. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\pwork\ceerlockjd\0313241\090939RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	149			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		SCALE: 1:50			SHEET NO. 16 OF 19 SHEETS		CONTRACT NO. 90939		
PLOT DATE = 8/17/2012		DATE -	REVISED -		SCALE: 1:50			SHEET NO. 16 OF 19 SHEETS		ILLINOIS FED. AID PROJECT		



WALL 14 PLAN

* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED MANHOLE #142 AT STA. 95+250.00, 9.3 m LT



WALL 14 ELEVATION

SIDEWALK ELEVATION TABLE

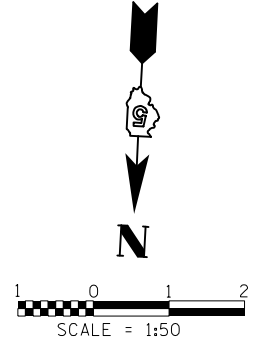
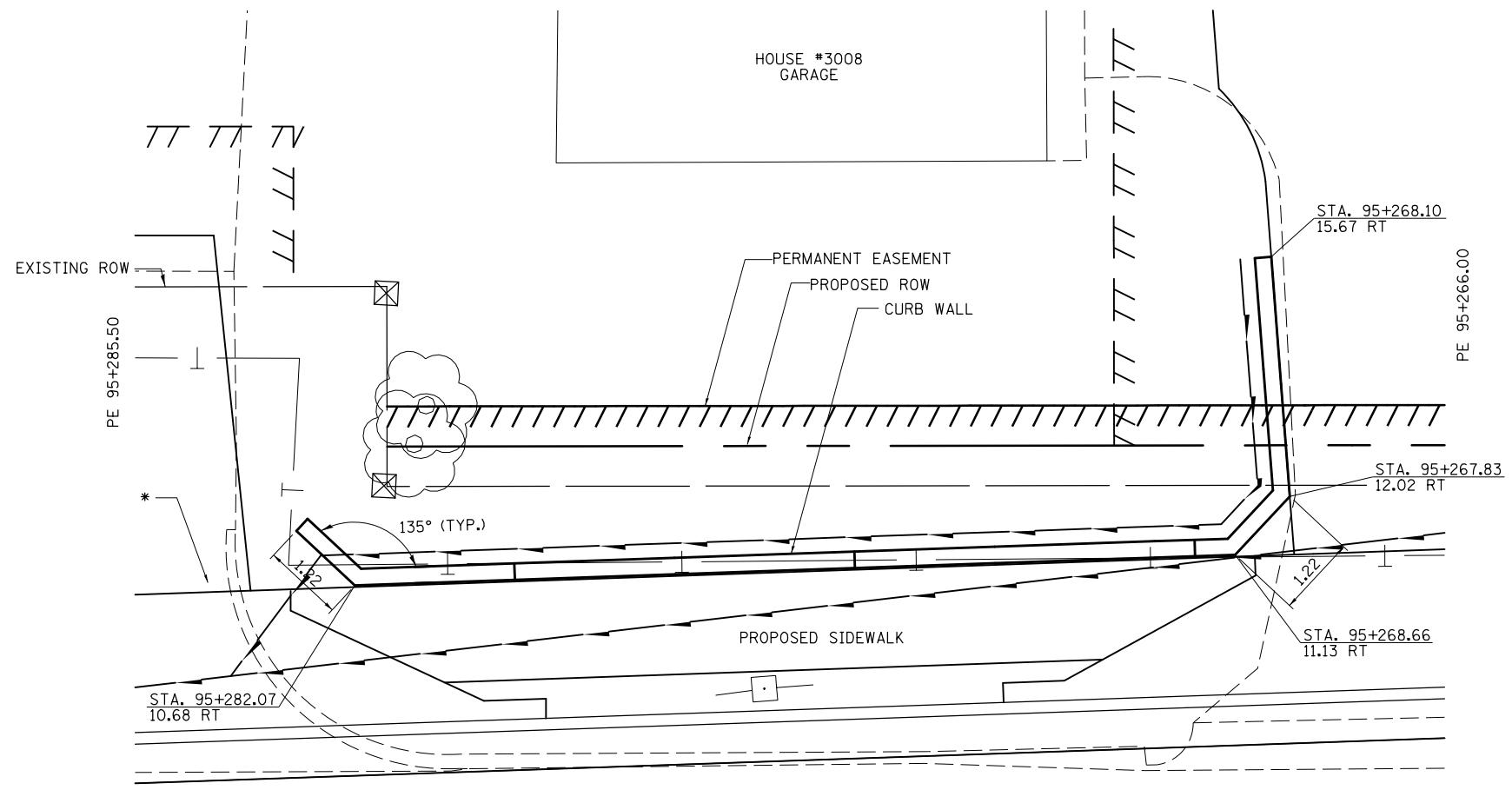
STATION	ELEVATION
95+240	195.25
95+245	195.16
95+250	195.06
95+255	194.95
95+260	194.84
95+265	194.74

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 14 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\p\midot\ceerlockjd\0313241\090939RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	150			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SCALE: 1:50 SHEET NO. 17 OF 19 SHEETS STA. TO STA.



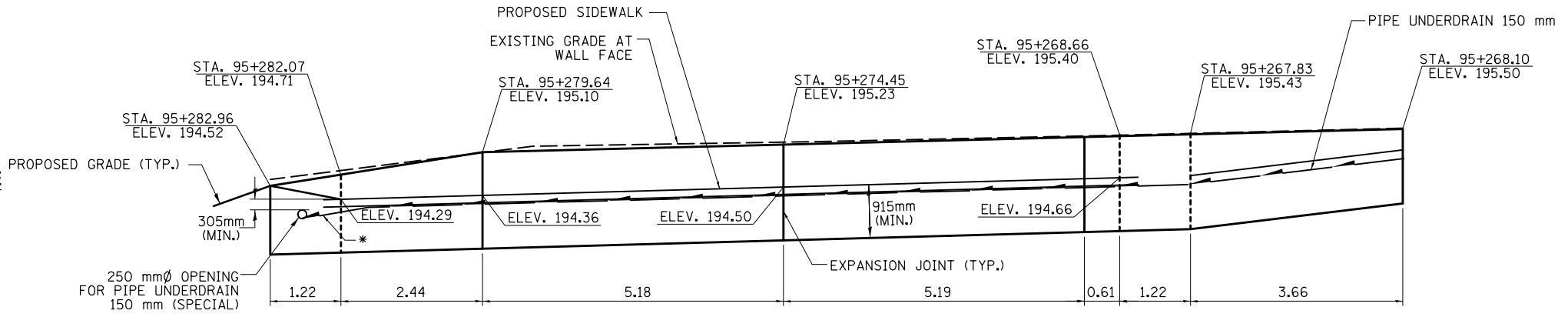
* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET 144 AT STA. 95+294.99, 7.95 m RT

WALL 15 PLAN

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+265	194.75
95+270	194.62
95+275	194.49
95+280	194.35
95+285	194.21

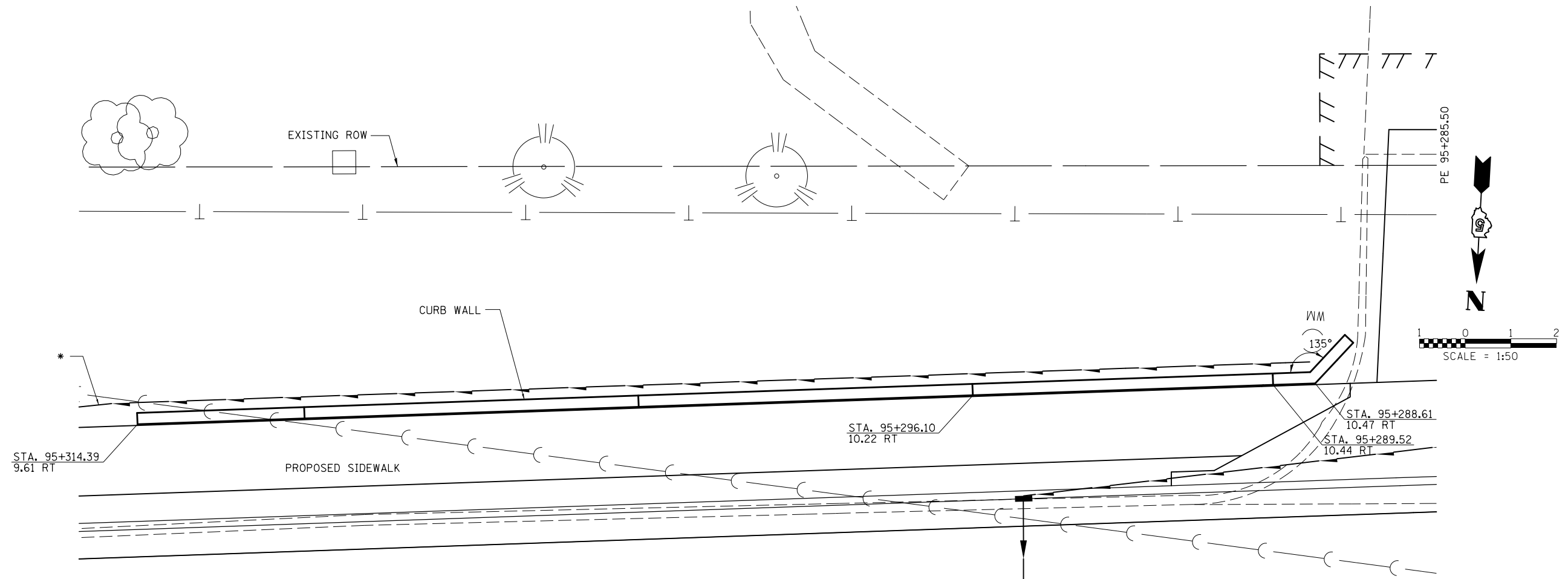
(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)



WALL 15 ELEVATION

- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 15 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\090939\RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	298	151			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		SCALE: 1:50	SHEET NO. 18 OF 19 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



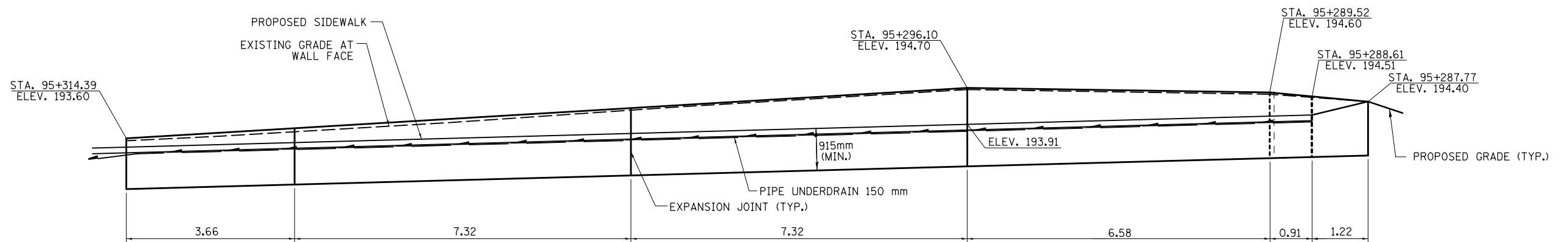
* CONNECT 150 mm PIPE UNDERDRAIN (SPECIAL) TO PROPOSED INLET AT STA. 95+350.09, 6.3 m RT

WALL 16 PLAN

SIDEWALK ELEVATION TABLE

STATION	ELEVATION
95+285	194.21
95+290	194.08
95+295	193.94
95+300	193.80
95+305	193.67
95+310	193.53
95+315	193.39

(PROPOSED OUTSIDE EDGE OF SIDEWALK ELEVATIONS)

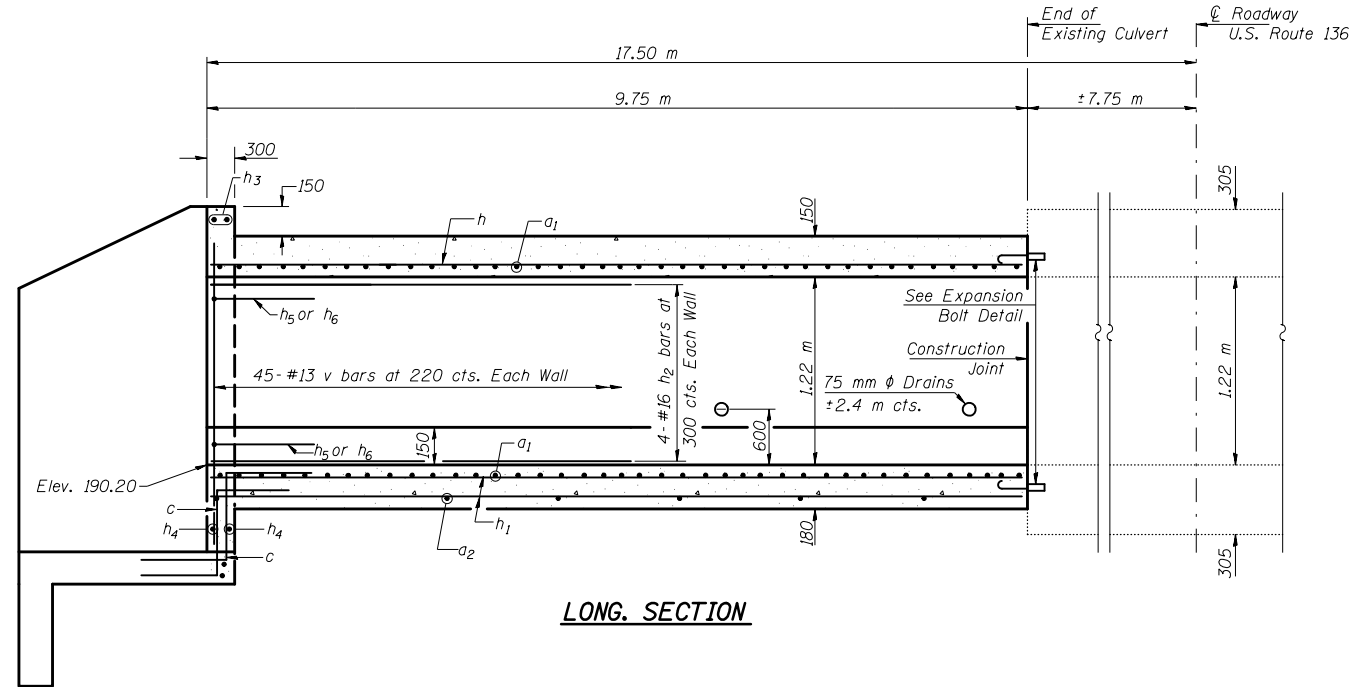


WALL 16 ELEVATION

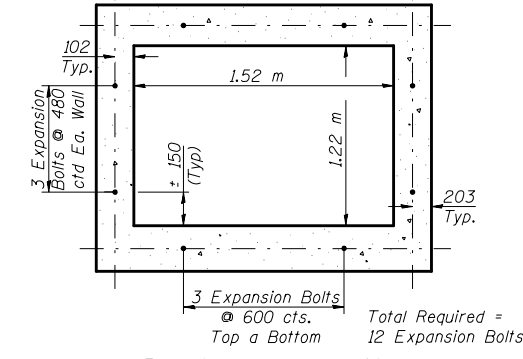
- NOTES:
- SEE SHEET 2 FOR WALL, STEP, AND EXPANSION JOINT DETAILS
 - ALL DIMENSIONS ARE IN METERS (m) EXCEPT AS NOTED.
 - U.N.O. = UNLESS NOTED OTHERWISE

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL 16 PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0313241\0909339\RetainWallDetails.dgn		DRAWN -	REVISED -		729	36(W,RS-1) & 34Z-2(W,RS)	VERMILION	271	152			
PLOT SCALE = 2.54 m / in.		CHECKED -	REVISED -		CONTRACT NO. 90939							
PLOT DATE = 8/17/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1:50	SHEET NO. 19 OF 19 SHEETS	STA.	TO STA.					

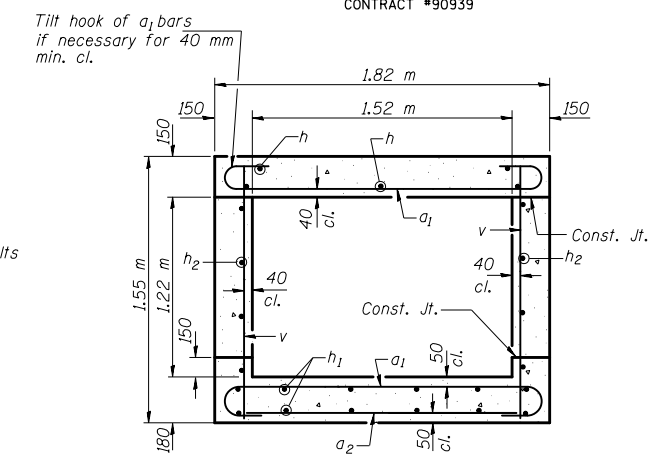
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	153
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



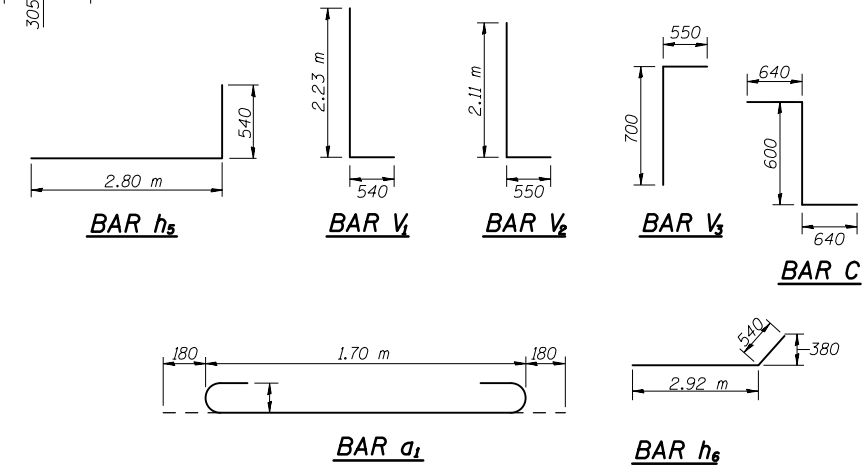
LONG SECTION



**EXPANSION BOLT DETAILS
END VIEW OF EXISTING BAREL**

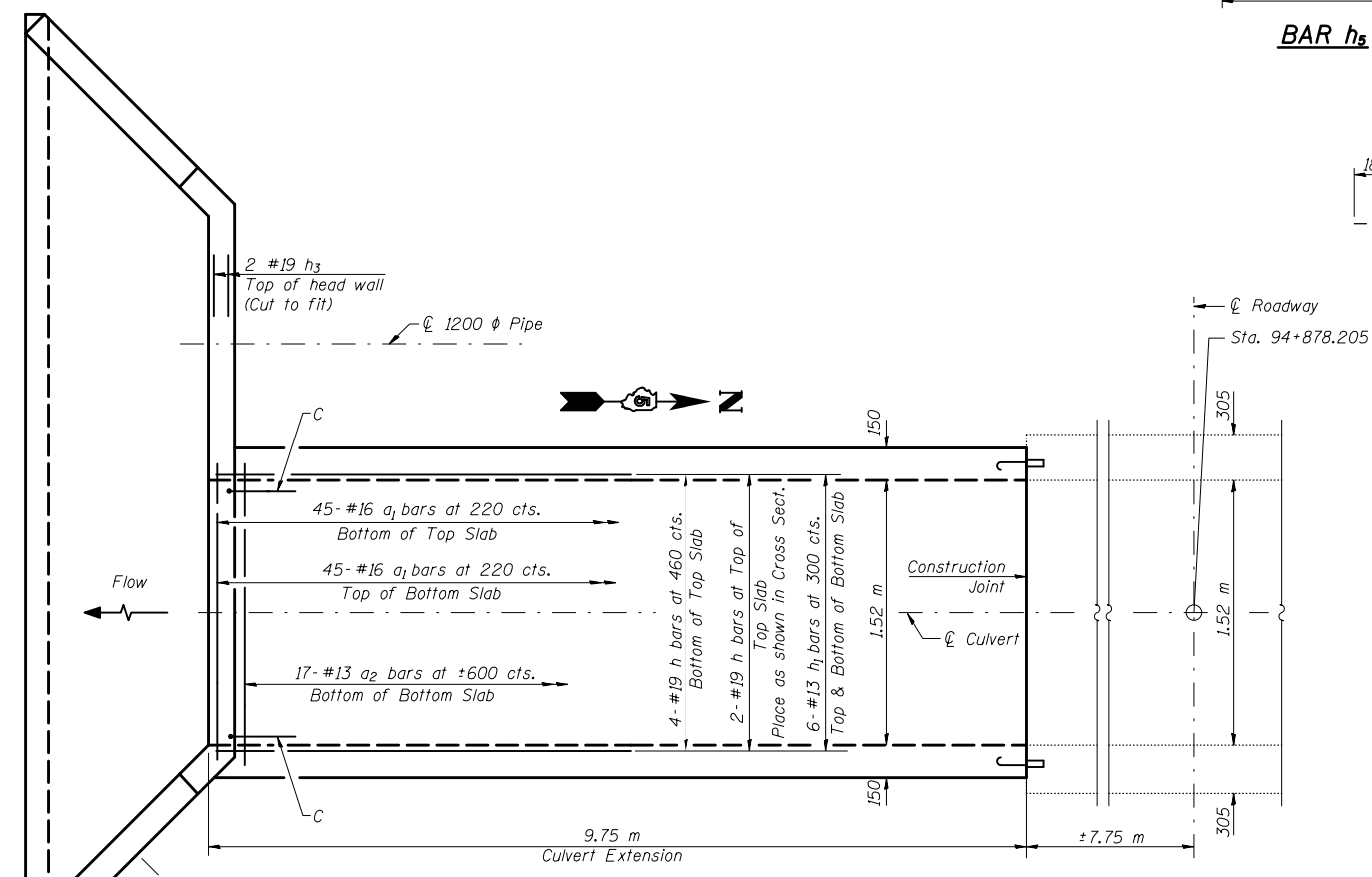


SECTION THRU BARREL



BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
a ₁	90	#16	2.06	U
a ₂	17	#13	1.70	—
b	6	#13	8.30	—
C	10	#13	1.88	L
h	6	#19	9.70	—
h ₁	12	#13	9.70	—
h ₂	8	#16	9.70	—
h ₃	2	#19	4.80	—
h ₄	6	#13	4.80	—
h ₅	10	#13	3.34	—
h ₆	16	#16	3.46	—
h ₇	14	#13	1.88	—
v	90	#13	1.48	—
v ₁	18	#13	2.77	L
v ₂	20	#16	2.66	L
v ₃	19	#13	1.25	L
Concrete Box Culverts			m ³	16.64
Reinforcement Bars			kg	1235
Expansion Bolts (M20)			Ea.	12
Chain Link Fence, 1.2m			m	10.00



PLAN

DESIGN STRESSES

$f_y = 420 \text{ MPa}$
 $f'_c = 24 \text{ MPa}$

LOADING MS18 & ALT.

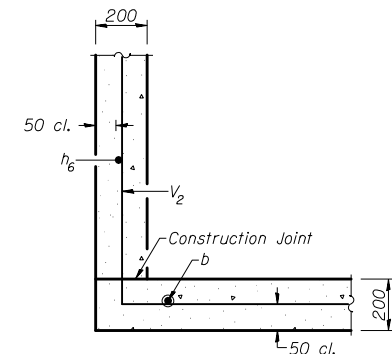
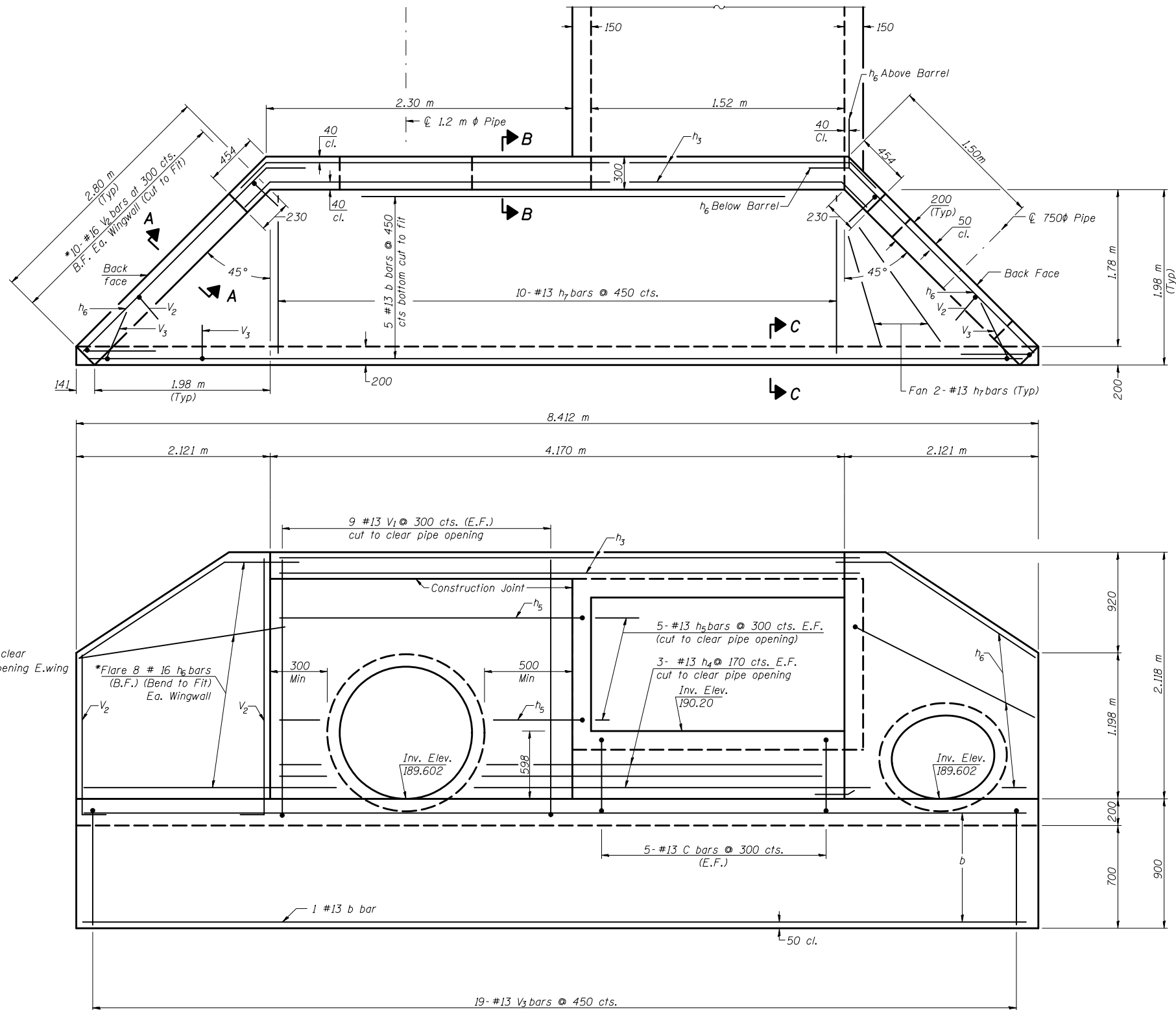
NOTES

Reinforcement Bars shall conform to the requirements of AASHTO M-31M, M-42M or M-53M, Grade 420.
All dimensions are in millimeters (mm) except as noted.
All construction joints shall be bonded.
See Sheet # 2 of 2 for Wingwall and Apron Details.
The Chain Link Fence, 1.2 meter, shall be erected behind the headwall and wingwalls. All work regarding the fence shall conform to Section 664 of the Standard Specifications.

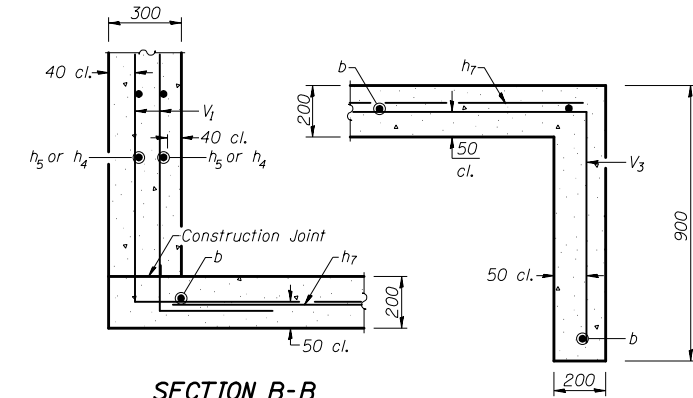
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BOX CULVERT EXTENSION STA. 94+878.205 F.A. RTE. 729 (US 136) SECTION 36(W,RS-1) & 34Z-2(W,RS) VERMILION COUNTY
NAME	DATE	
		SCALE N.T.S. DATE 8/03 DRAWN BY JMD CHECKED BY STD

c:\pw_work\pwork\ceer\lock\j\d0313241\culvert.dgn
8/17/2012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	154
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				



SECTION A-A



SECTION B-B

SECTION C-C

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 8/17/2012

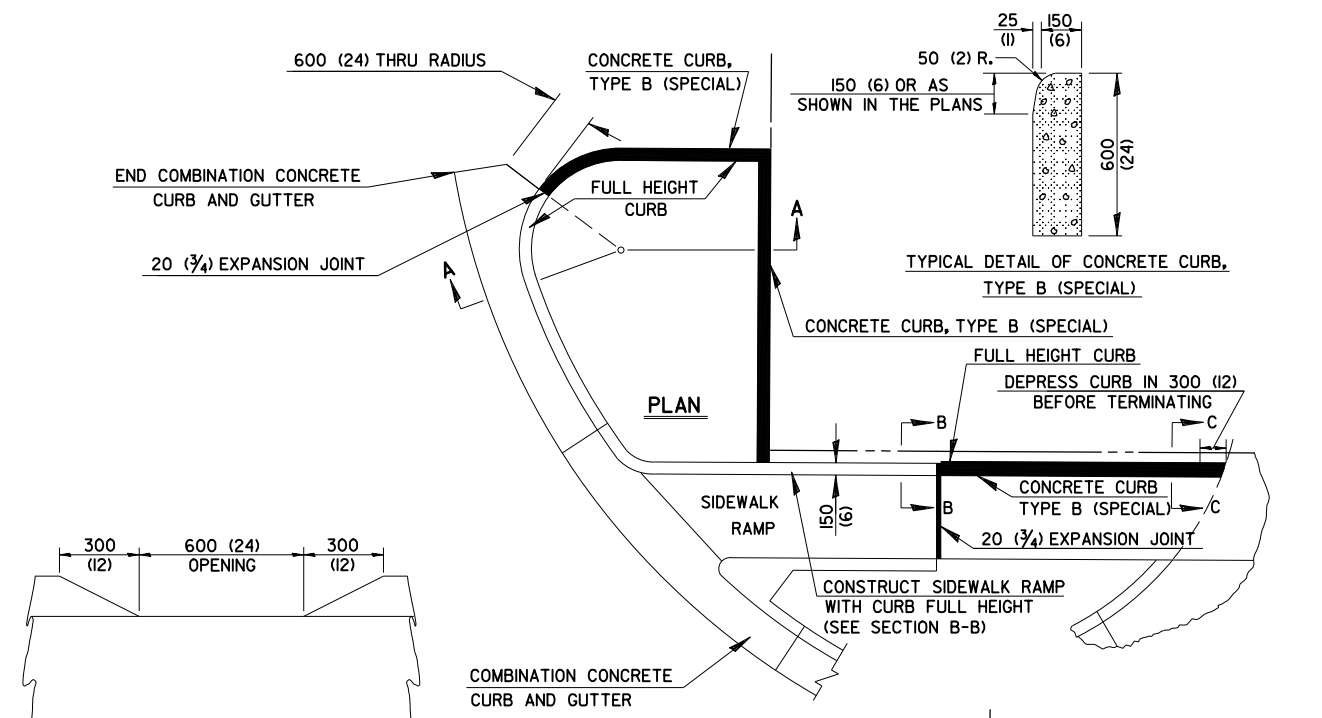
SSB-H-0 (M)

LIN ENGINEERING, LTD.

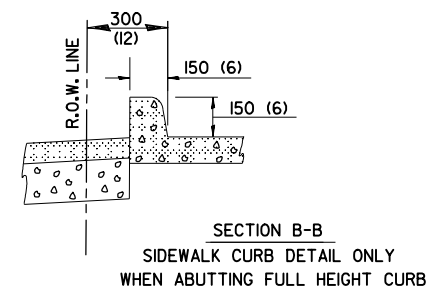
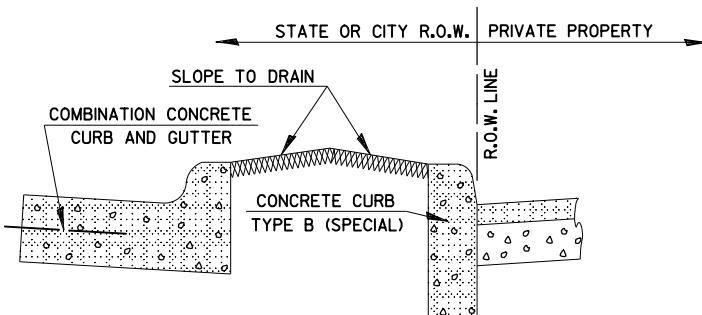
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BOX CULVERT EXTENSION STA. 94+878.205 F.A. RTE. 729 (US 136) SECTION 36(W,RS-1) & 34Z-2(W,RS) VERMILION COUNTY
NAME	DATE	
		SCALE N.T.S. DATE 8/03 DRAWN BY JMD CHECKED BY STD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	155
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

TYPICAL APPLICATIONS OF CONCRETE CURB, TYPE B (SPECIAL)



SECTION SHOWING DRAINAGE OPENINGS @ 4.5 m (15'-0") CENTERS WHEN REQUIRED

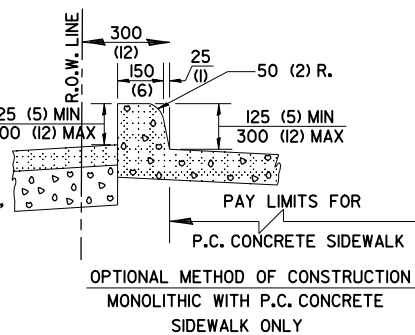
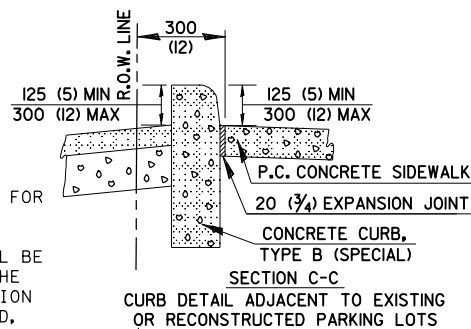
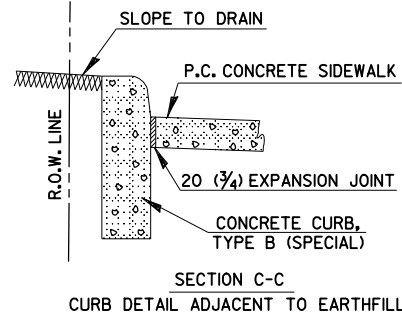


All dimensions are in millimeters (inches) unless otherwise shown.

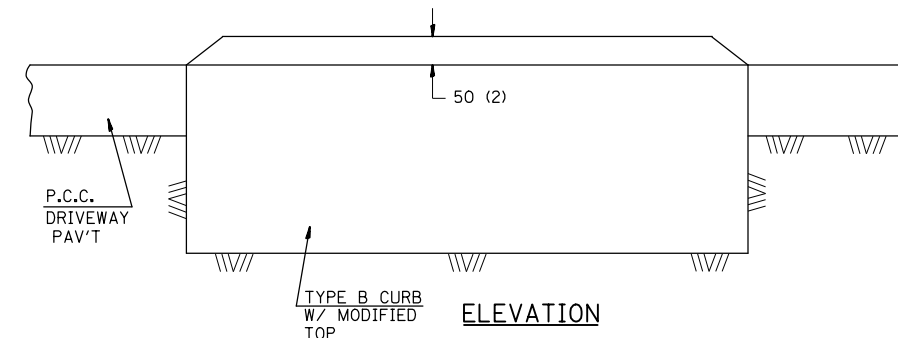
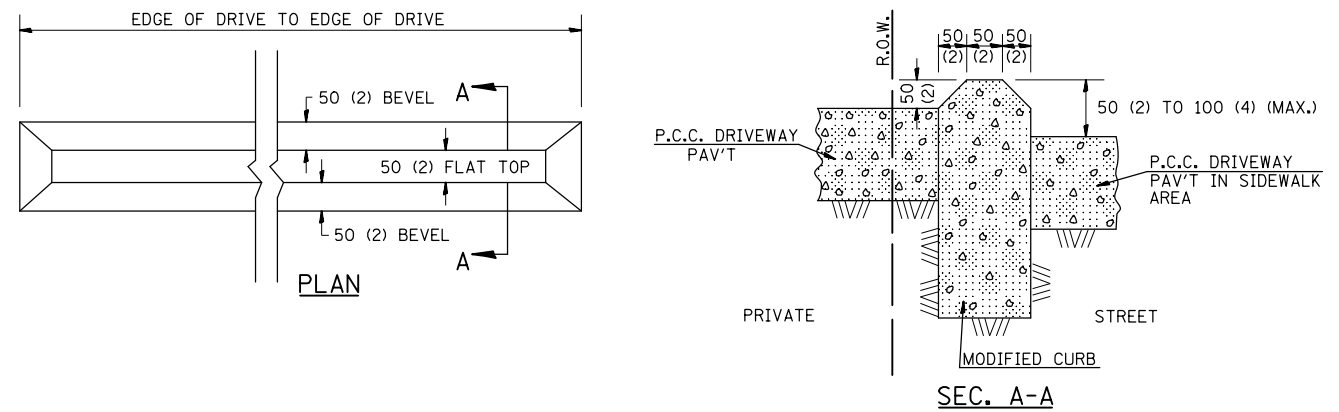
DESIGNED	NAME	DATE	REVISIONS	
J.H.M.	J.H.M.	3-85	NAME	DATE
F.M.S.	F.M.S.	7-85	G.A.M.	11-95
A-106	D.L.P.	10-96		

GENERAL NOTES

1. THE APPLICABLE GENERAL NOTES FOR STANDARD 606001 (2130) SHALL APPLY.
2. THE ENGINEER'S APPROVAL SHALL BE OBTAINED IN WRITING BEFORE THE OPTIONAL METHOD OF CONSTRUCTION WILL BE ALLOWED. IF APPROVED, THE MONOLITHIC CURB WILL ALSO BE PAID FOR PER METER (LIN. FT.).
3. ACTUAL APPLICATIONS WILL ALSO BE SHOWN ON THE STATION CROSS-SECTIONS.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER (LIN. FT.) (EITHER METHOD) FOR CONCRETE CURB, TYPE B (SPECIAL) WHICH PRICE SHALL BE PAYMENT IN FULL FOR ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING EXCAVATION, THE 20 mm (3/4") EXPANSION JOINTS, SAW CUTTING EXISTING PARKING LOTS WHEN REQUIRED, THE DRAINAGE OPENINGS WHEN REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



MODIFIED CURB FOR NARROW RIGHT OF WAY DRIVEWAY SEPARATION



NOTES:

1. THIS MODIFIED CURB WILL BE MEASURED AND PAID FOR AS "CONCRETE CURB, TYPE B (SPECIAL)".
2. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

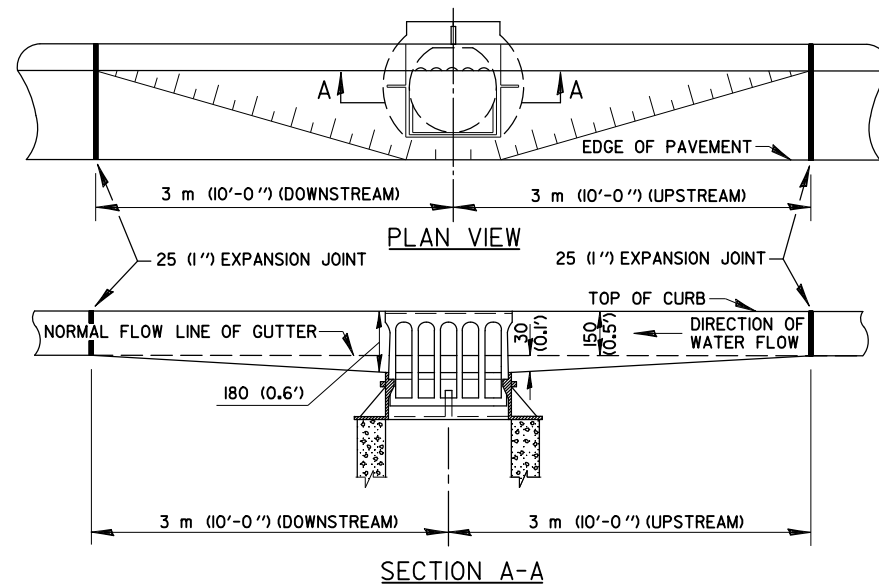
* NOT TO SCALE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SPECIAL DETAILS

DATE AUGUST 2003
DRAWN BY TD
CHECKED BY AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	156
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

DETAIL OF DEPRESSING GUTTER GRADE AT INLETS, CATCH BASINS AND MANHOLES



SECTION A-A

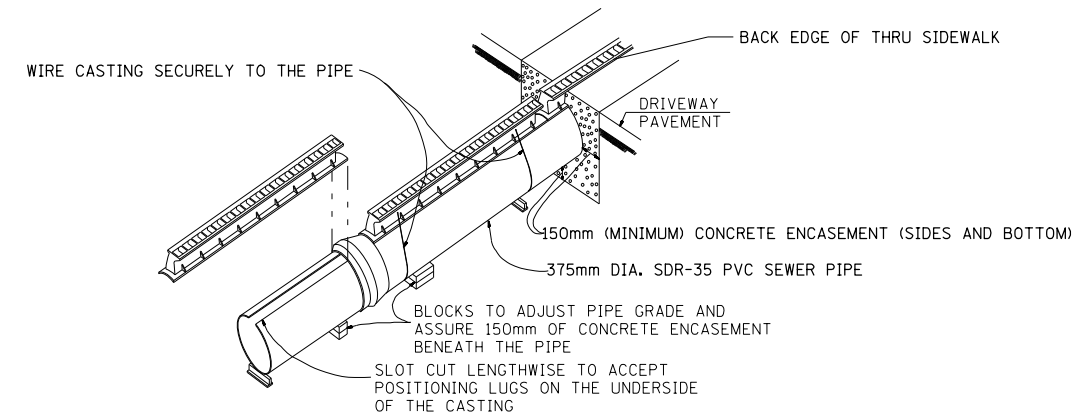
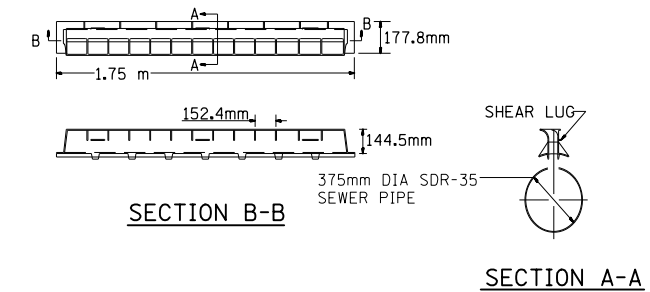
GENERAL NOTES

1. THE TWO EXPANSION JOINTS AS MENTIONED IN THE DRAINAGE OPENING PARAGRAPH ON STD. 606001 (2130) SHALL BE PLACED AS SHOWN ABOVE.
2. THE GUTTER GRADE SHALL BE DEPRESSING AT ALL INLETS, CATCH BASINS AND MANHOLES UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS PAY ITEMS OF WORK INVOLVED.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

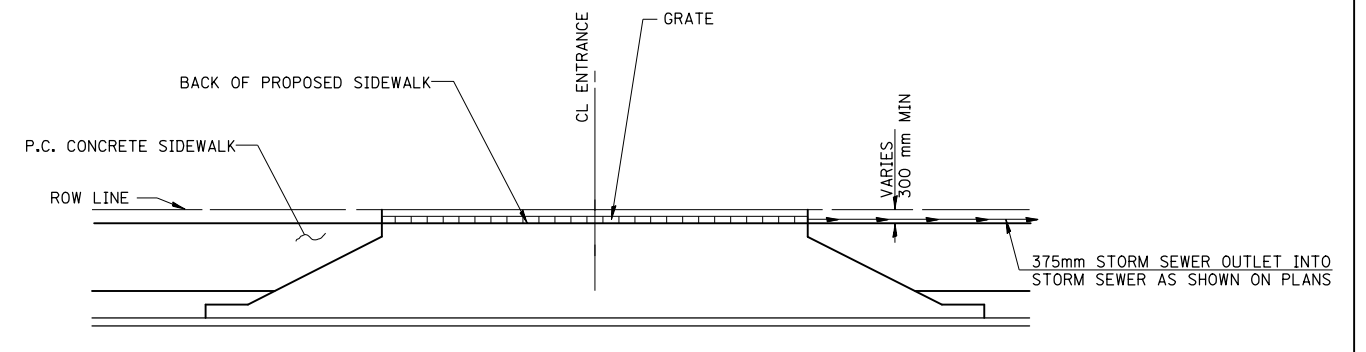
	NAME	DATE
DESIGNED	J.M.H.	11/87
CHECKED	F.M.S.	11/87
CADD NO.	A-1.31	

REVISIONS	
NAME	DATE
J.M.H.	7/88
D.L.P.	5/96
D.L.P.	10/96

DETAIL OF VANE DRAIN



ELEVATION



PLAN

NOTES: THE GRATES SHALL BE NEENAH R-3599 OR EQUIVALENT THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER FOR VANE DRAIN, WHICH PRICE SHALL BE PAYMENT IN FULL FOR ALL LABOR AND MATERIAL NECESSARY FOR THE INSTALLATION OF THE VANE DRAIN. THE STORM SEWER SHALL BE PAID FOR SEPARATELY.

THE PROPOSED STORM SEWER SHALL BE PLUGGED ON THE UPSTREAM END WHERE APPLICABLE.

THE 375MM DIAMETER SDR-35 PVC STORM SEWER PIPE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER AS STORM SEWER, CLASS B, TYPE 1, 375MM

REVISIONS	
NAME	DATE

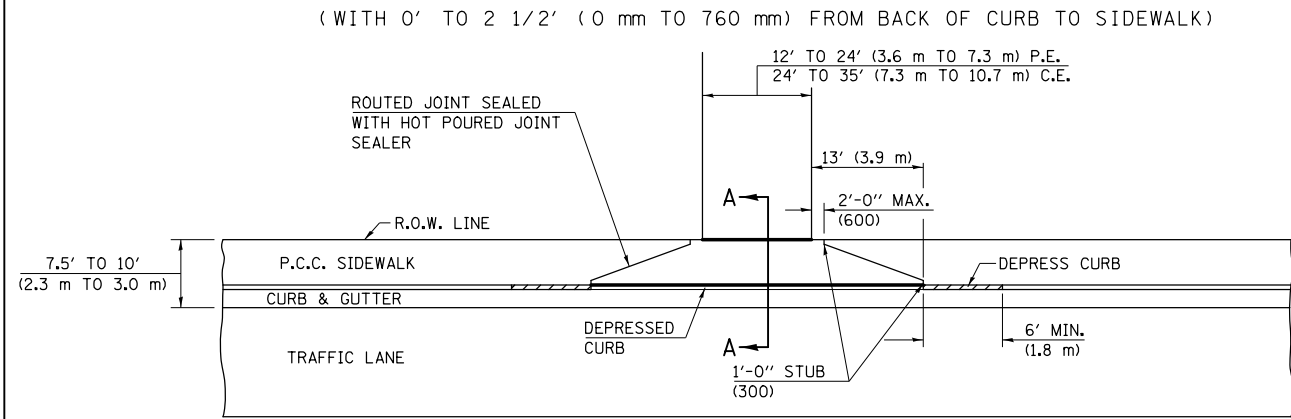
ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

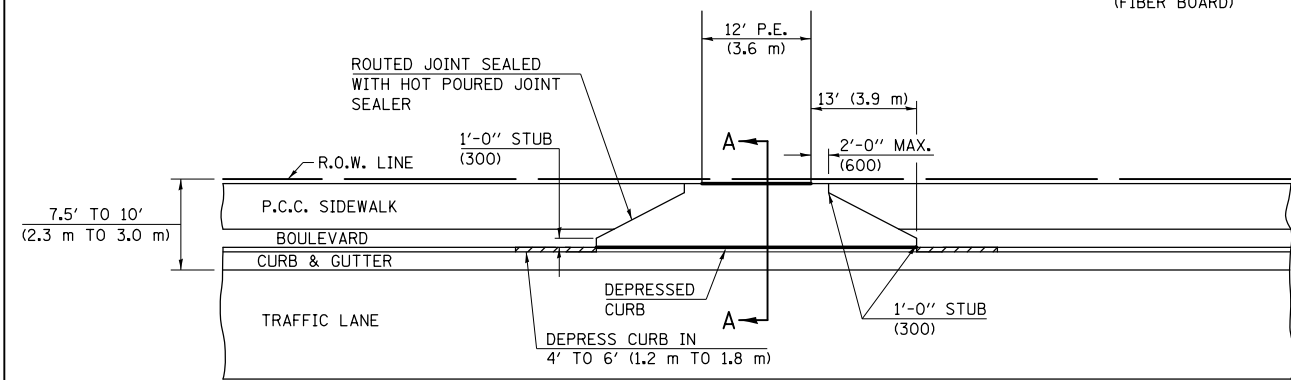
DATE AUGUST 2003
DRAWN BY TD
CHECKED BY AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	157
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

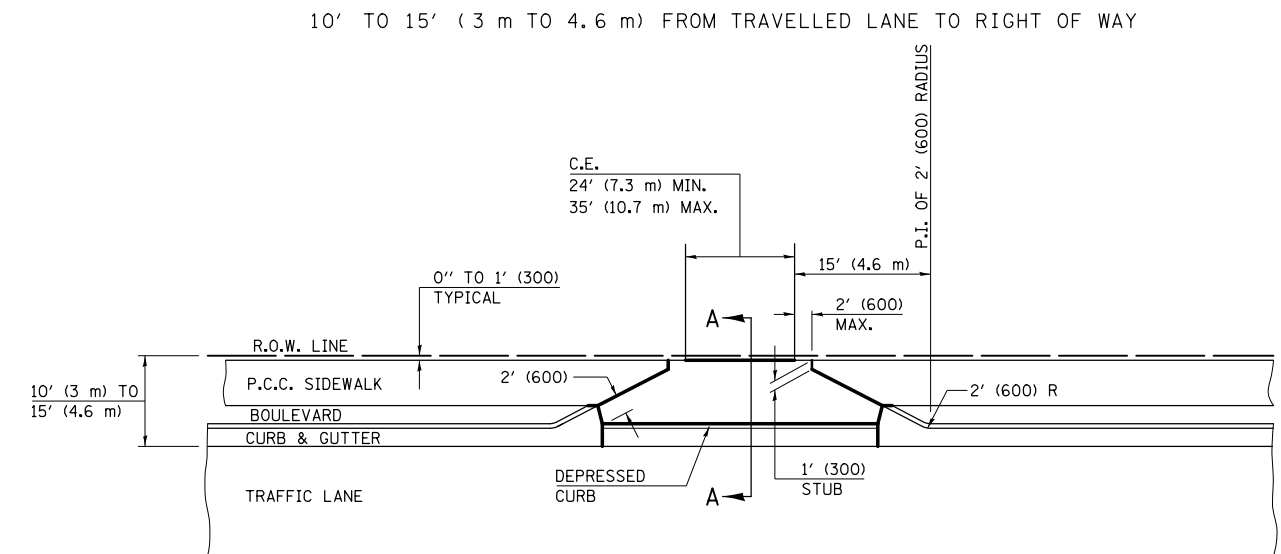
NON-COMMERCIAL AND COMMERCIAL URBAN



PLAN WITHOUT BOULEVARD

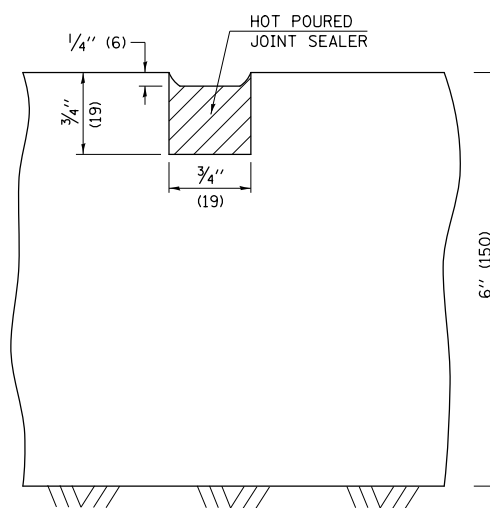


PLAN WITH BOULEVARD

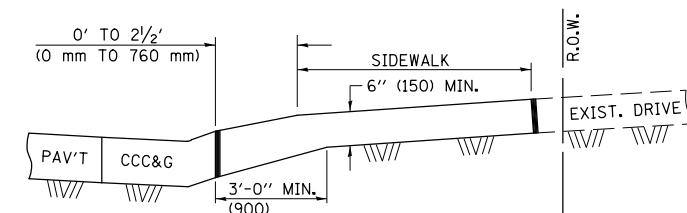


10' (3 m) TO 15' (4.6 m)

PREFORMED EXPANSION JOINT (FIBER BOARD)



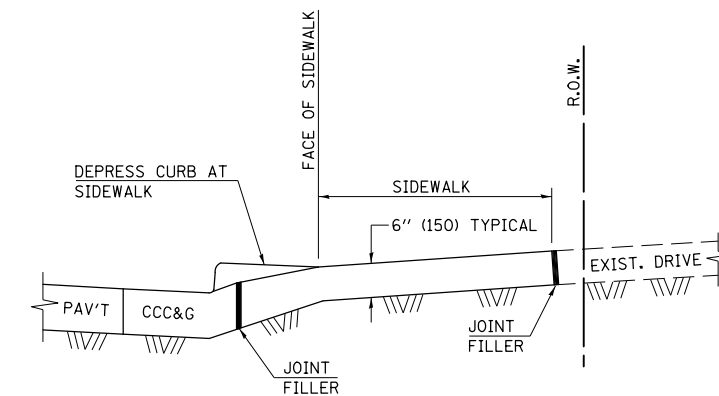
DETAIL OF SAWED OR ROUTED JOINT



SECTION A-A

GENERAL NOTES

1. THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED P. C. CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE.
2. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
3. THICKEN SIDEWALK FROM 5" TO 6" (127 mm TO 150 mm) WITHIN DRIVEWAY LIMITS OF DRIVEWAY.



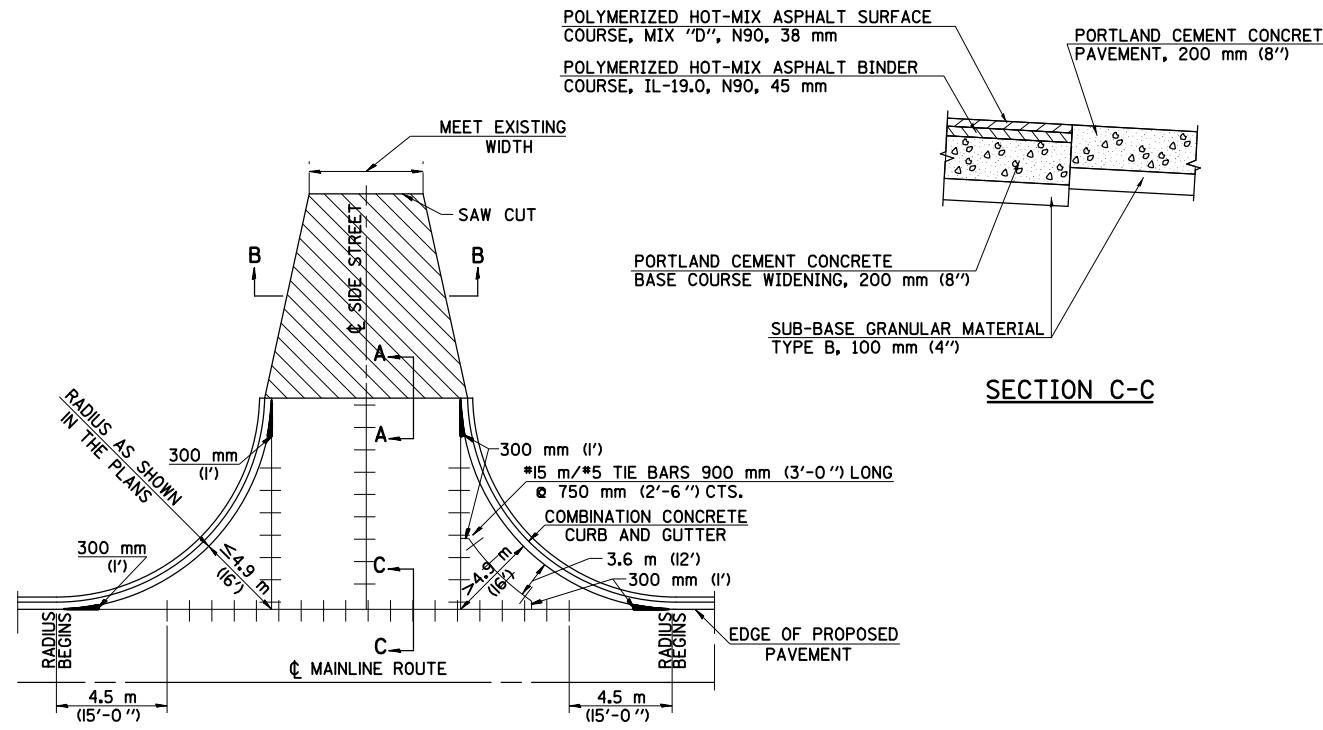
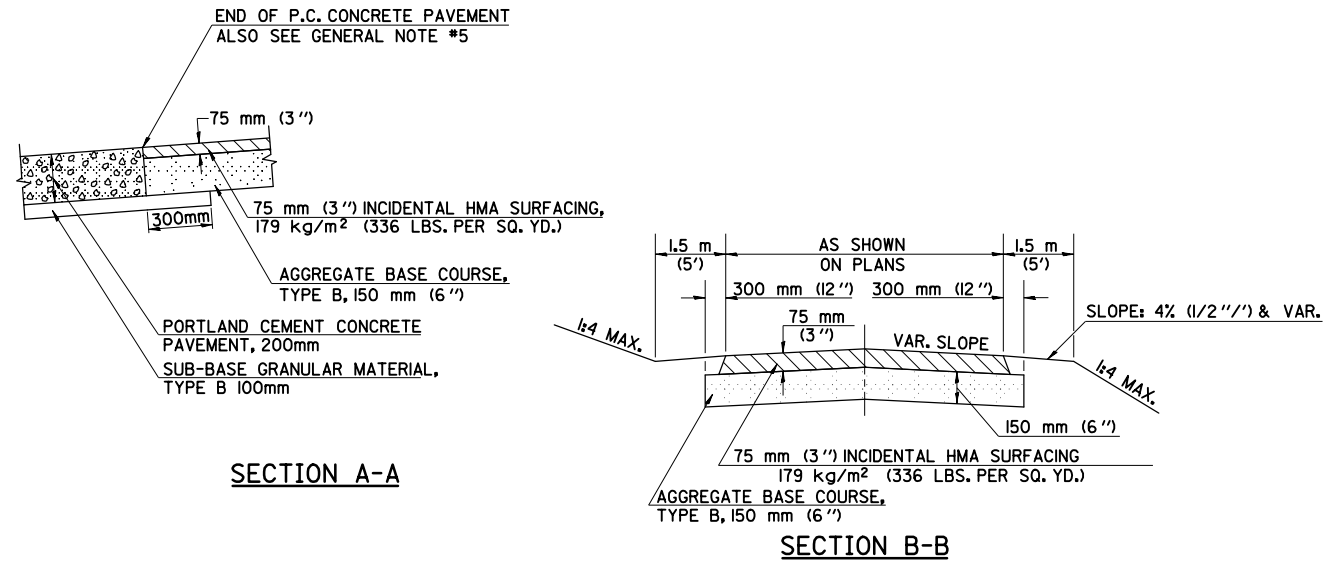
SECTION A-A WITH SIDEWALK

- NOTE: WHEN EXISTING SIDEWALK IS TO REMAIN IN PLACE, THE JOINT FILLER IS TO BE PLACED AT THE FACE OF SIDEWALK.
- NOTE: THICKEN SIDEWALK FROM 5" (125) TO 6" (150) WITHIN LIMITS OF DRIVEWAY FLARE [15' (4.6 m) EITHER SIDE OF DRIVEWAY].

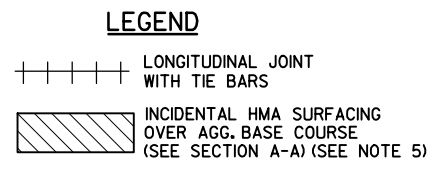
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
TJB	11/06	<h1 style="margin: 0;">SPECIAL DETAILS</h1> <p style="margin: 0;">DRAWN BY TD DATE AUGUST 2003 CHECKED BY AWM</p>
NJF	6/10	

8/17/2012

DETAIL OF INTERSECTING SIDE STREETS

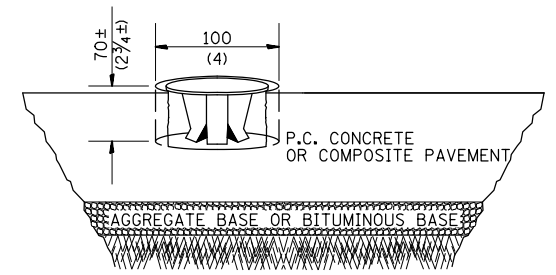


1. ALL INTERSECTING SIDE STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS DETAIL EXCEPT THOSE NOTED IN THE PLANS.
2. SAWED LONGITUDINAL JOINTS WITH TIE BARS WILL BE ALLOWED ALONG THE CENTERLINE ONLY WHEN THE STREET RETURN IS POURED FULL WIDTH.
3. #4 TIE BARS MAY BE USED WHEN THE P.C. CONCRETE PAVEMENT THICKNESS IS LESS THAN 225 mm (9 INCHES).
4. THE MATERIAL WITHIN THE WIDTH TRANSITION AREA MAY BE DIFFERENT THAN SHOWN ABOVE. THE WIDTH TRANSITION MAY NOT BE REQUIRED AT ALL LOCATIONS.
5. SHADED AREAS SHALL BE POURED MONOLITHIC WITH ADJACENT COMBINATION CONCRETE CURB AND GUTTER. THIS WORK WILL BE MEASURED AND INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER (YARD) FOR PORTLAND CEMENT CONCRETE PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS.
6. SAWED CONTRACTION JOINTS, AS SHOWN IN STANDARD 420001, SHALL BE REQUIRED AT 12.2 m (MIN, SPACING 6.1 m) WHEN THE LENGTH OF THE RETURN EXCEEDS 12.2 m



PERMANENT SURVEY MARKER (SPECIAL)

TO BE USED IN "NEW" RIGID OR COMPOSITE PAVEMENT FOR SETTING EXISTING CENTERLINE CONTROL POINTS.

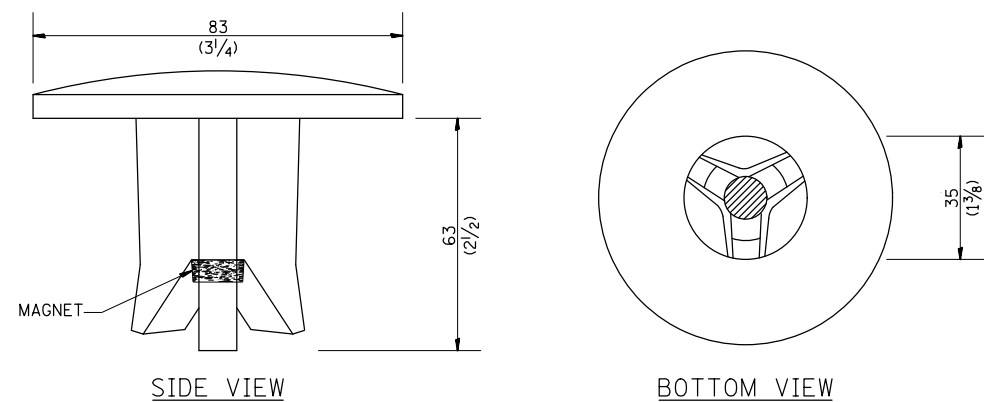


- GENERAL NOTES**
1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
 2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 100 mm (4 inch) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
 3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 100 mm (4 inch) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 (725.01) OF THE STANDARD SPECIFICATIONS.
 4. THE 100 mm (4 inch) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
 5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND ALL LABOR AND MATERIAL TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
 6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 6 mm (1/4 inch) BELOW THE FINAL SURFACE.

SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 83 mm (3 1/4 inch) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 0.8 mm (1/32 inch) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 63 mm (2 1/2 inch) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

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



DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.
 All dimensions are in millimeters (Inches) unless otherwise shown.

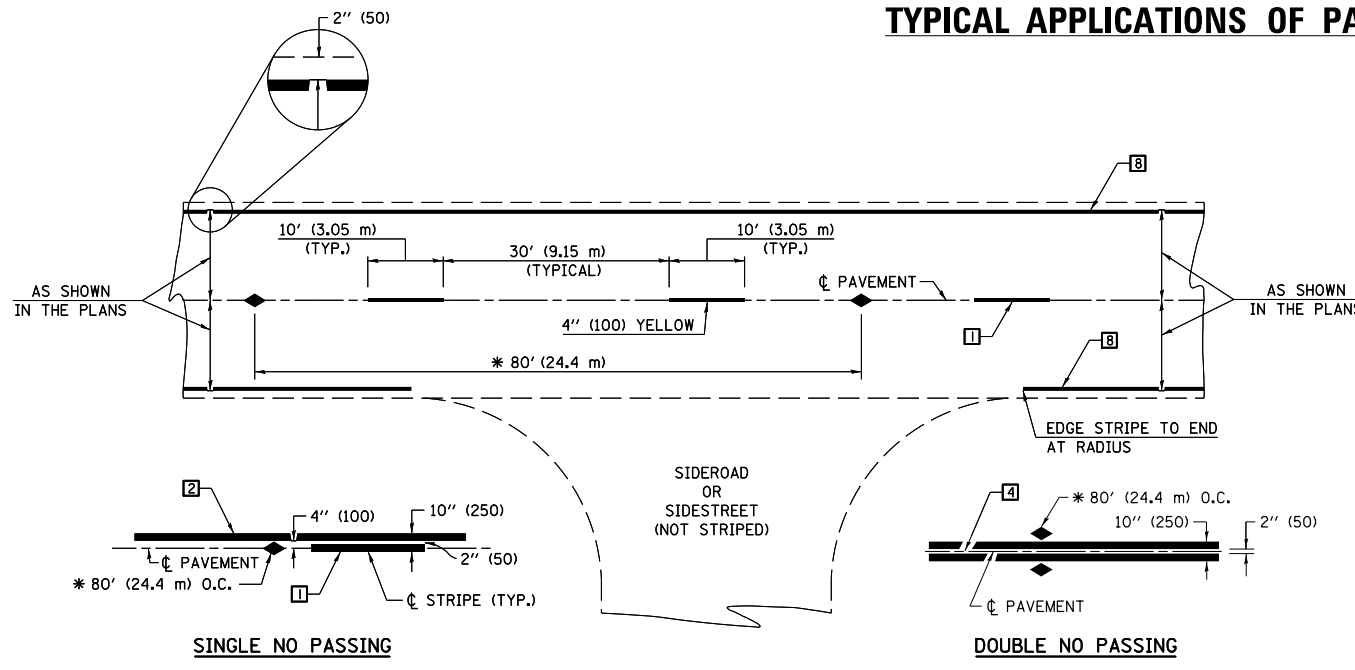
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	158
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<h2 style="margin: 0;">SPECIAL DETAILS</h2> <p style="margin: 0;">DRAWN BY CT CHECKED BY AWM DATE AUGUST 2003</p>

DESIGNED	CHECKED	CADD NO.	NAME	DATE
AWH	PEK	D-1.05	AWH	8/17/91
			G.A.M.	11-95
			D.L.P.	10-96

8/17/2012

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



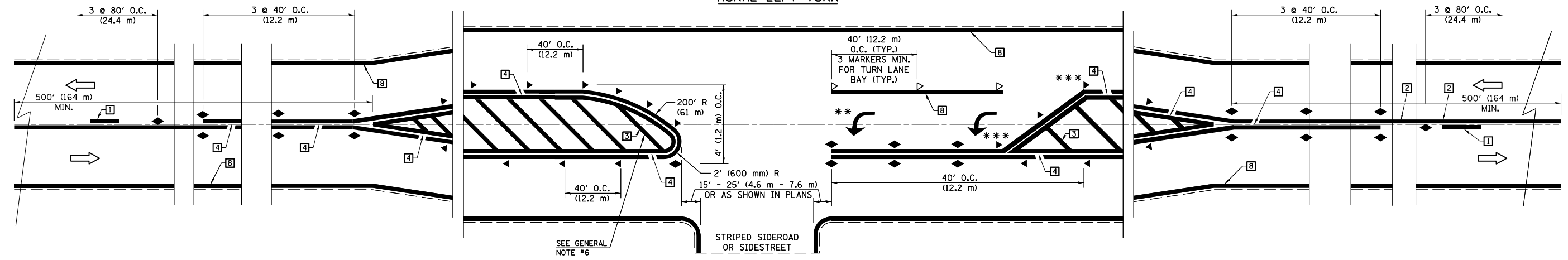
TYPICAL PAVEMENT MARKING LEGEND

- 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



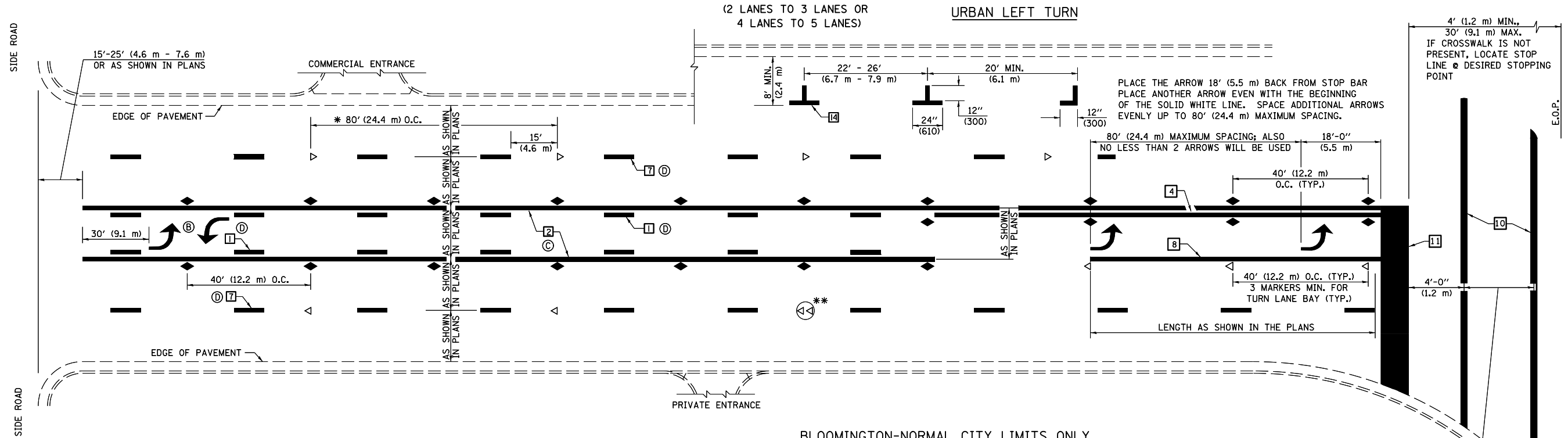
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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TJB	11/06
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SPECIAL DETAILS
 DRAWN BY TD
 CHECKED BY AWM
 DATE AUGUST 2003

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

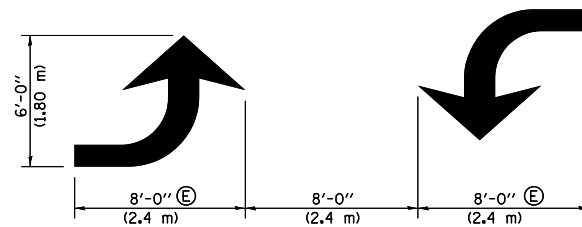
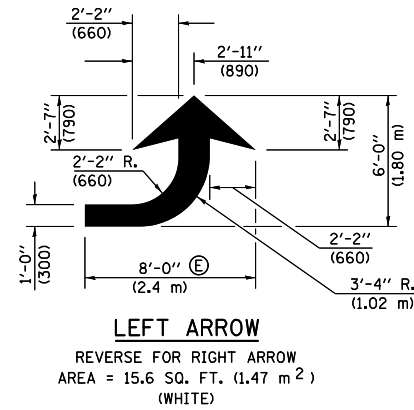


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

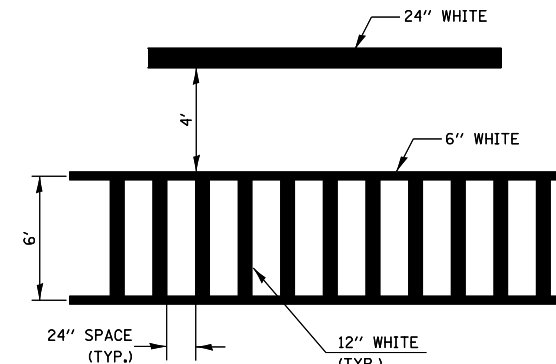
GENERAL NOTES:

- (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)

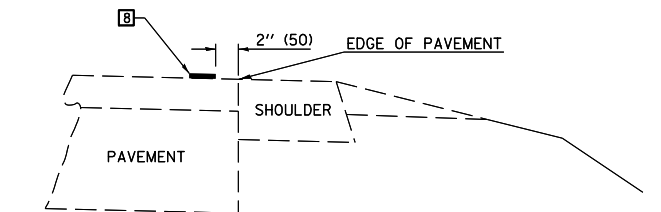


TYPICAL DOUBLE TURN ARROWS (WHITE)

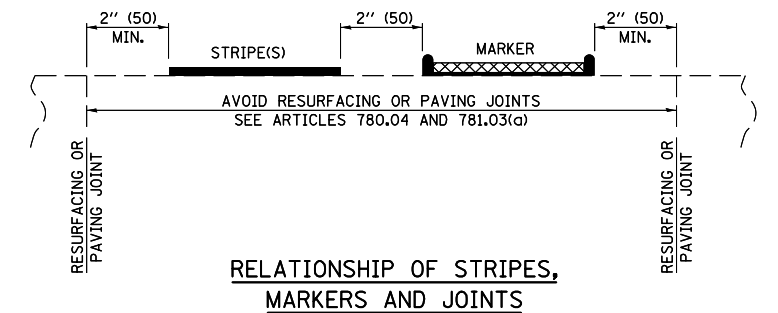
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



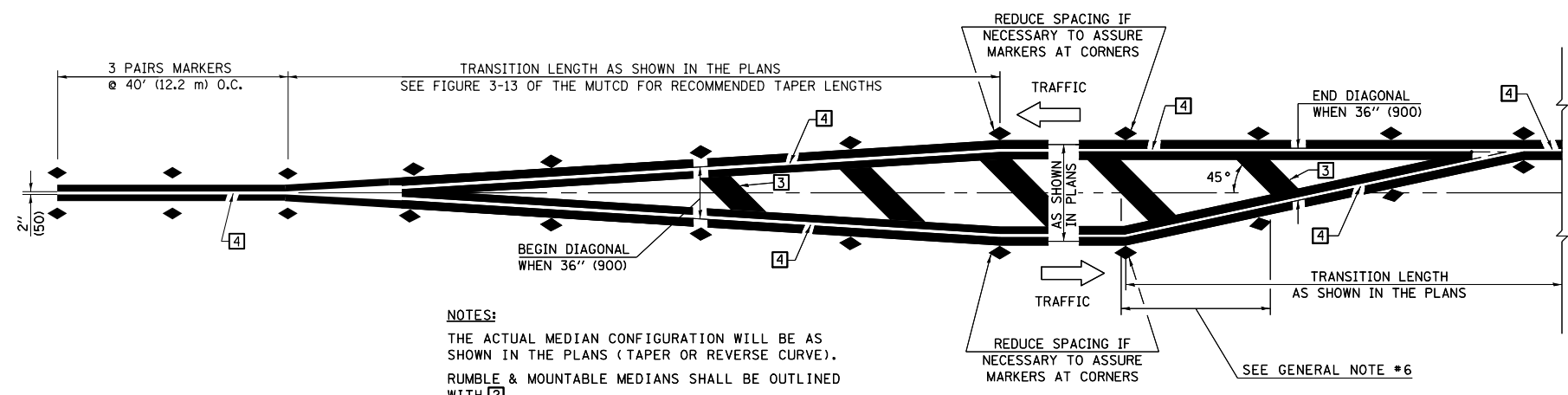
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

REVISIONS			ILLINOIS DEPARTMENT OF TRANSPORTATION SPECIAL DETAILS DRAWN BY TD CHECKED BY AWM DATE AUGUST 2003
NAME	DATE		
TJB	11/06		
KJT	9/09		

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

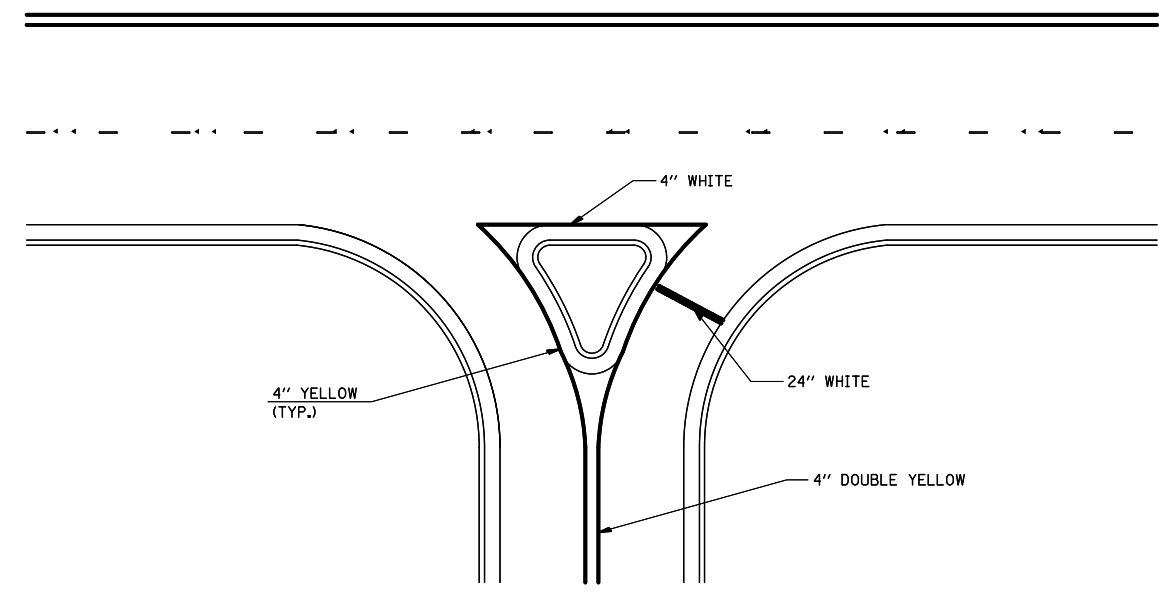


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

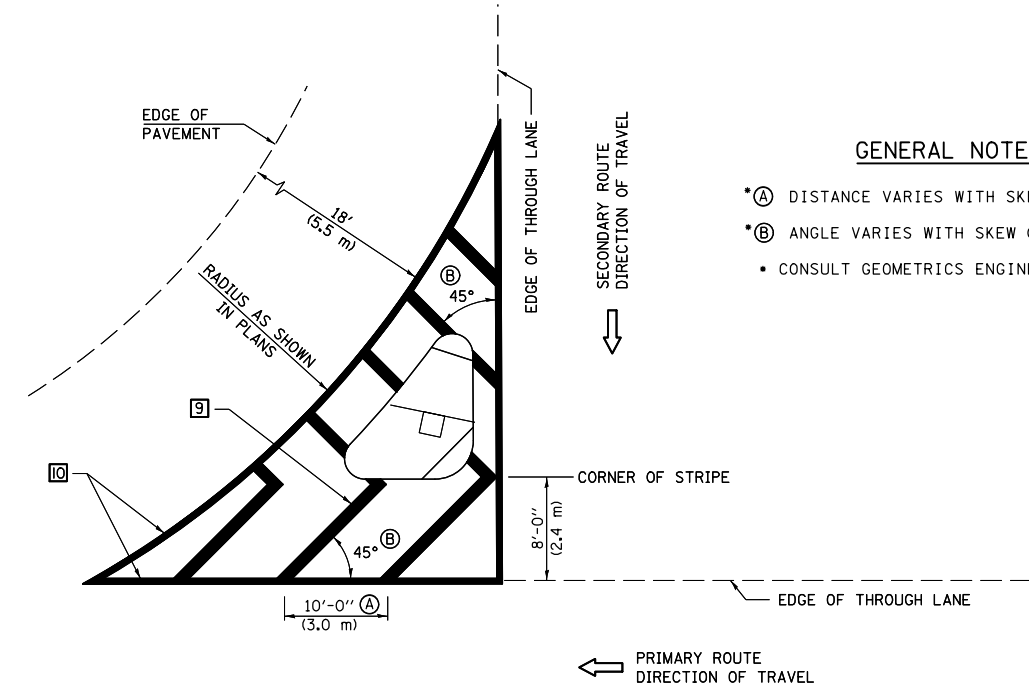
TYPICAL MEDIAN TRANSITIONS

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



ISLAND

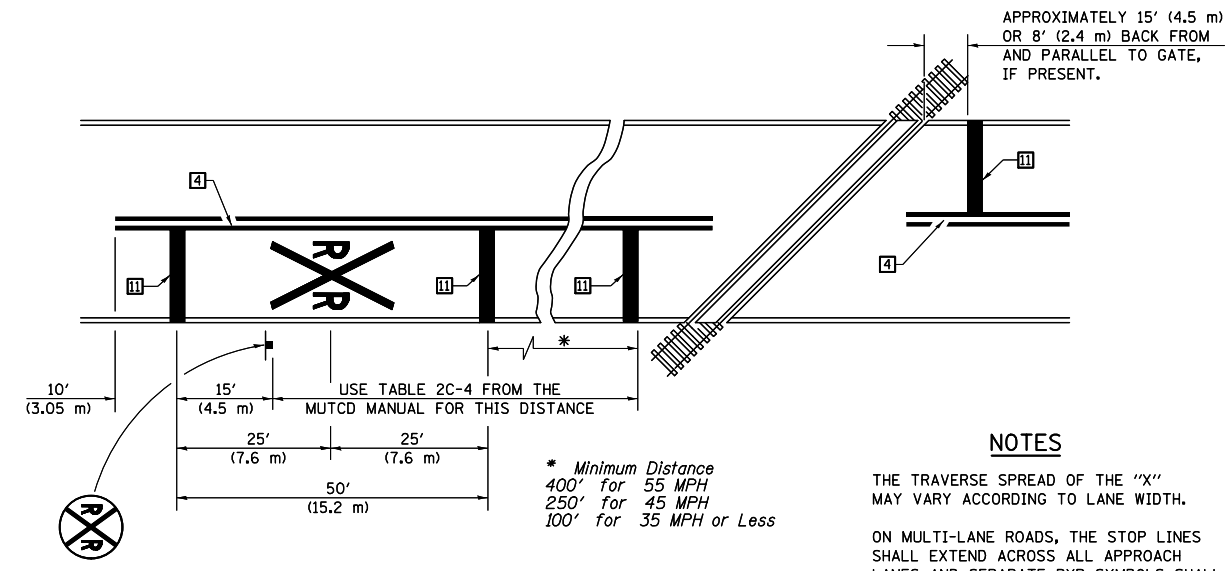
GENERAL NOTES

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

REVISIONS	
NAME	DATE
TJB	11/06
KJT	9/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
SPECIAL DETAILS
DRAWN BY TD
CHECKED BY AWM
DATE AUGUST 2003

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



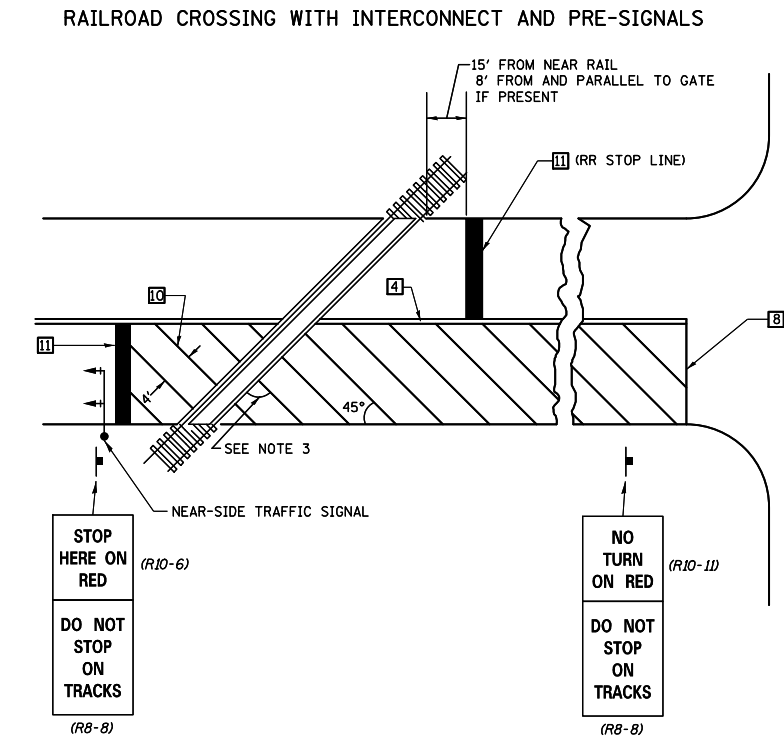
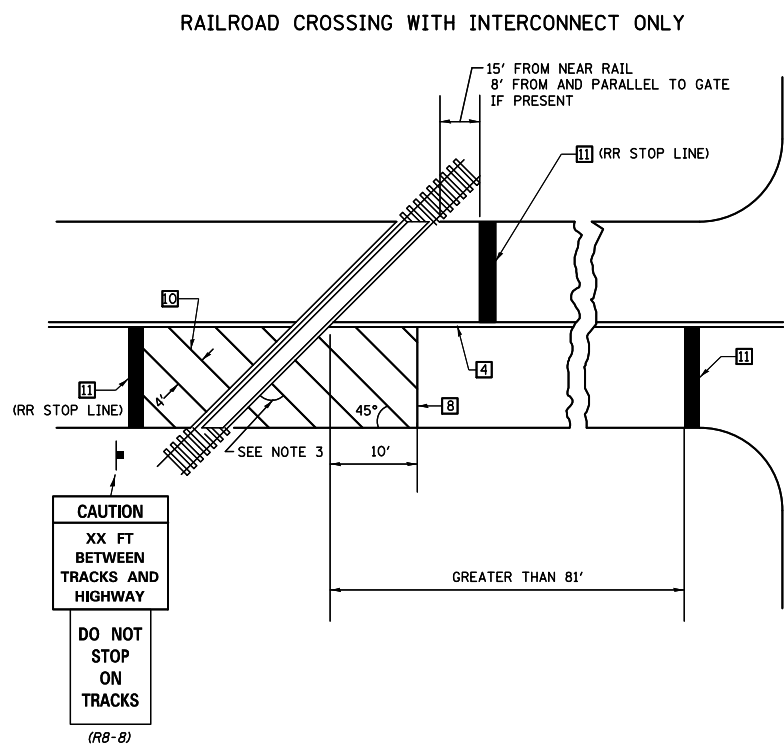
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

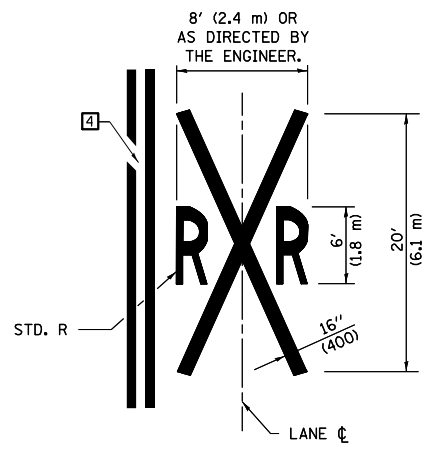
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

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



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 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.

REVISIONS	
NAME	DATE
TJB	11/06
KJT	9/09

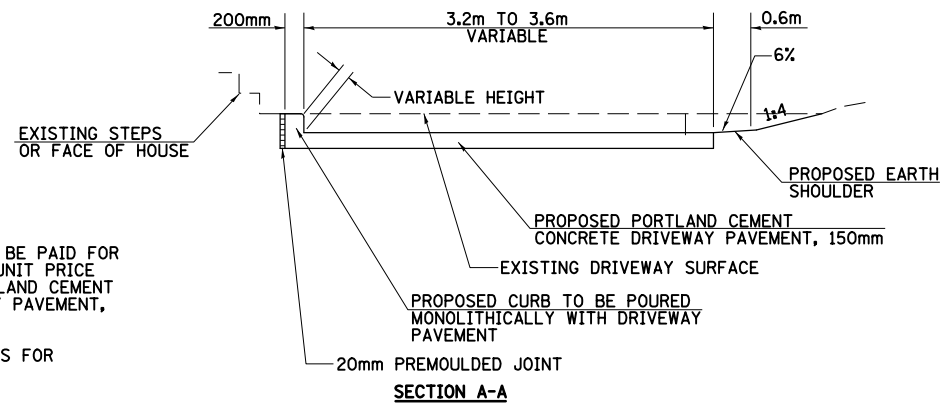
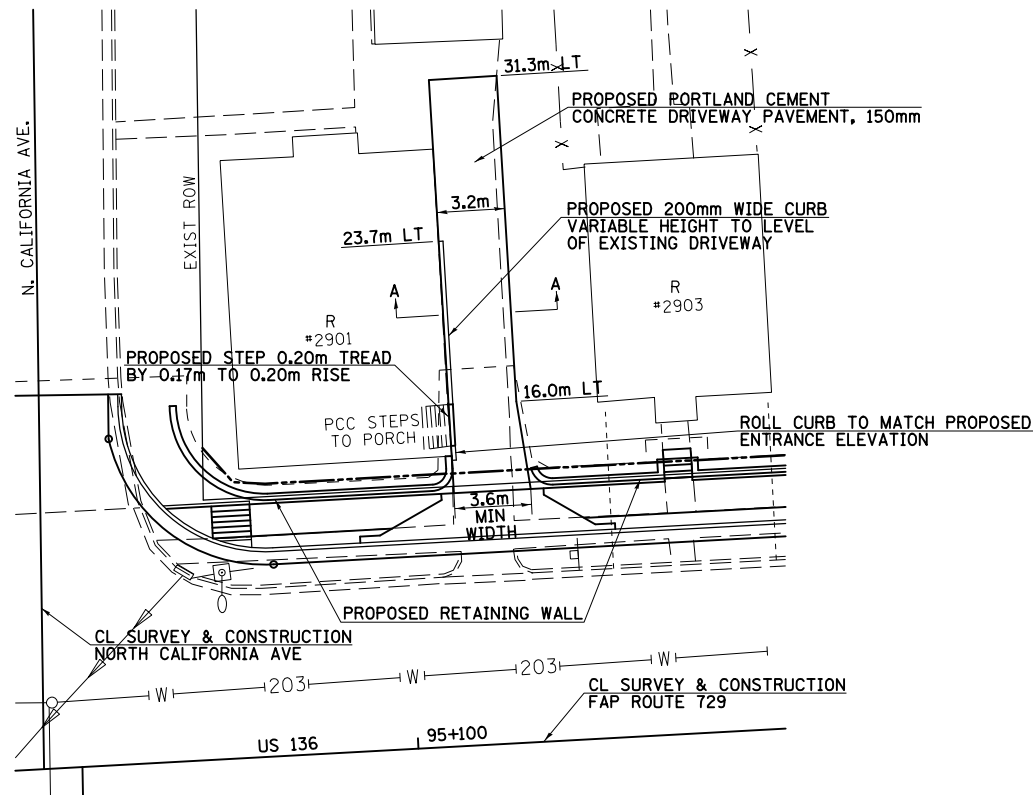
ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

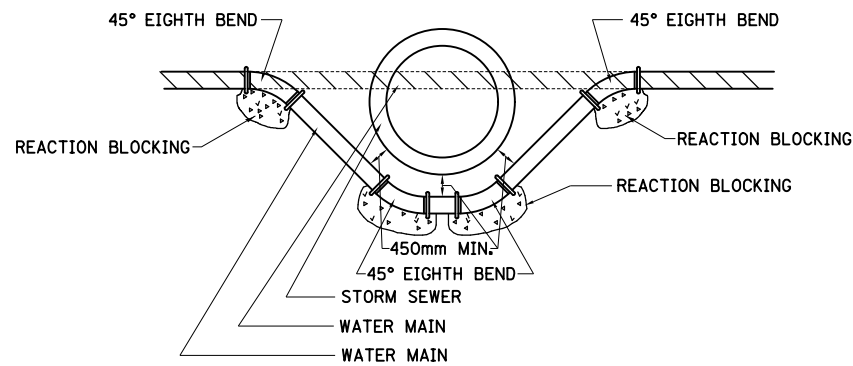
DRAWN BY TD
CHECKED BY AWM

DATE AUGUST 2003

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	163
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 36(W,RS-1) & 342-2(W,RS)		CONTRACT #90939		



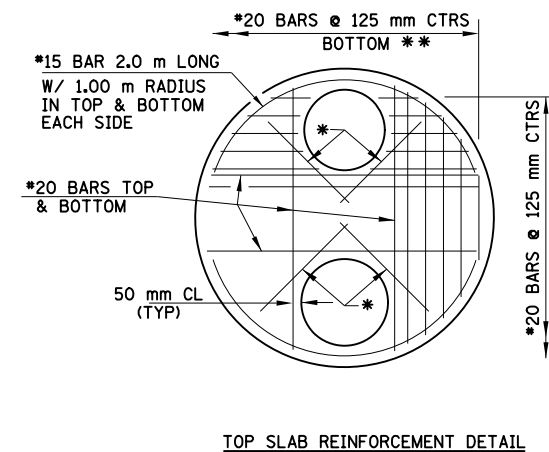
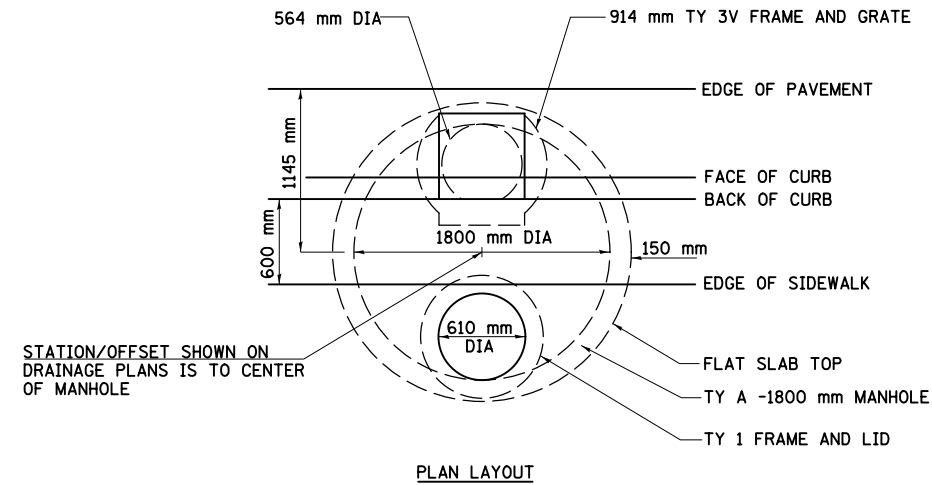
DETAIL OF ENTRANCE STA 95+104.1 LT



DETAIL OF LOWERING WATERMAIN

NOTES:
 PROPOSED CURB TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ M AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 150mm.
 SEE CROSS SECTIONS FOR DRIVEWAY GRADES.

SPECIAL MANHOLE DETAILS



MANHOLES, TYPE A, SPECIAL, 1.8m DIA, TYPE 1 FRAME CLOSED LID AND TYPE 3 OR 11 FRAME AND GRATE

- * *15 BARS TOP & BOTTOM (800 mm LONG)
- ** BEND OR CUT BARS FOR 50 mm CLEARANCE AROUND OPENINGS

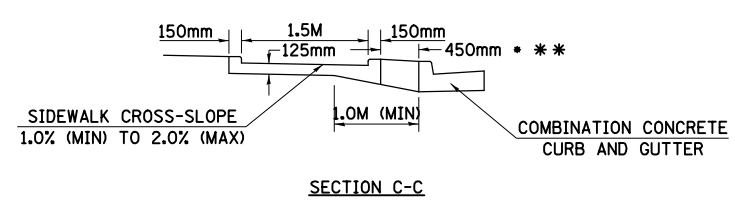
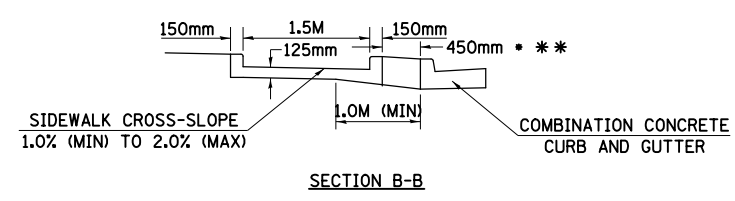
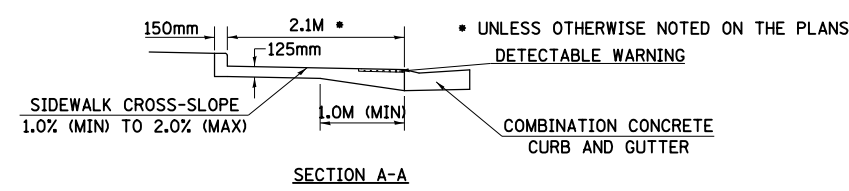
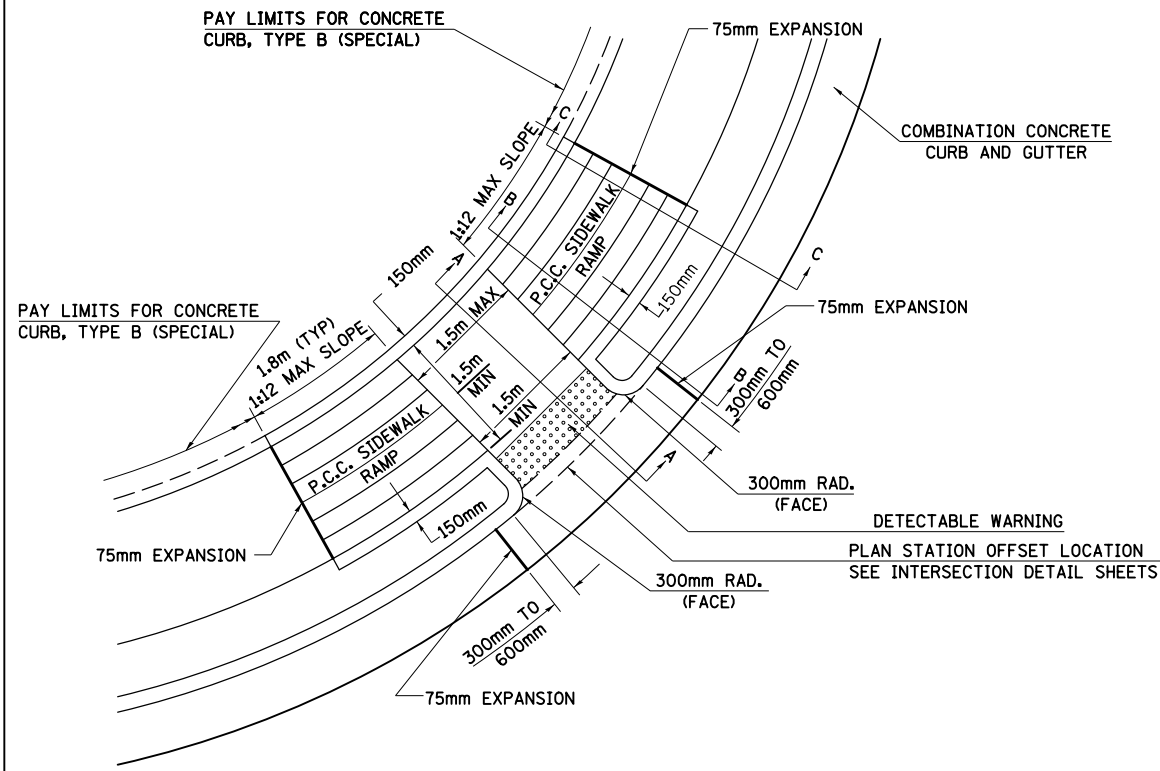
GENERAL NOTES

1. SLAB TOP REINFORCEMENT SHALL BE REBARS AS SHOWN ABOVE OR WELDED WIRE FABRIC IN ACCORDANCE WITH FABRIC REINFORCEMENT SHOWN ON STD 602406
2. ALL OTHER REQUIREMENTS FOR STEPS, MATERIALS, LIFTING DEVICES, JOINT CONFIGURATIONS, ETC SHALL COMPLY WITH THE DETAILS AND NOTES SHOWN ON STD 602406
3. THE BAR SIZES AND REINFORCEMENT AREAS SHOWN ARE MINIMUM ACCEPTABLE VALUES.
4. ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED

REVISIONS	
NAME	DATE

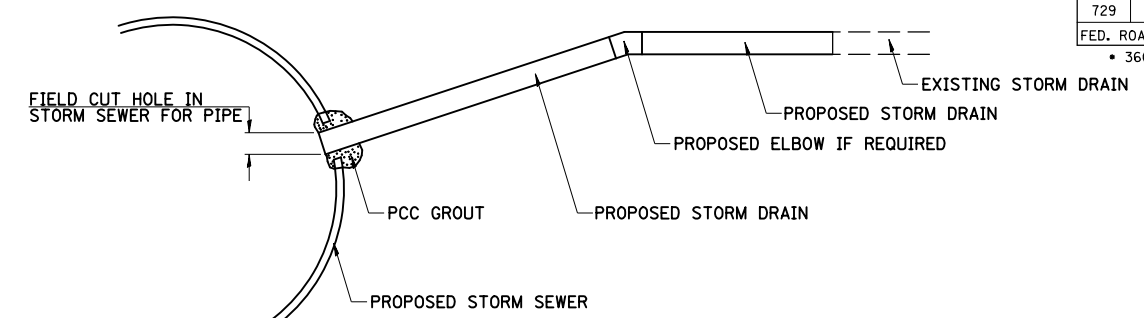
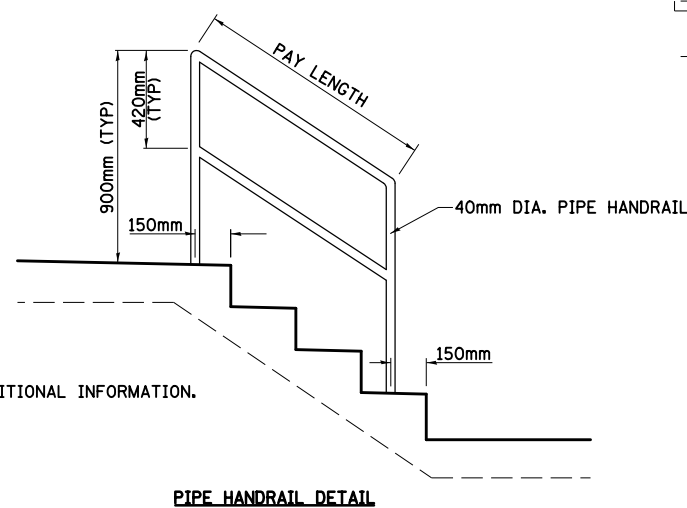
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS
 DETAILS
 DRAWN BY CT
 CHECKED BY AWM
 DATE AUGUST 2003

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729		VERMILION	298	164
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• 36(W,RS-1) & 34Z-2(W,RS)		
		CONTRACT #90939		



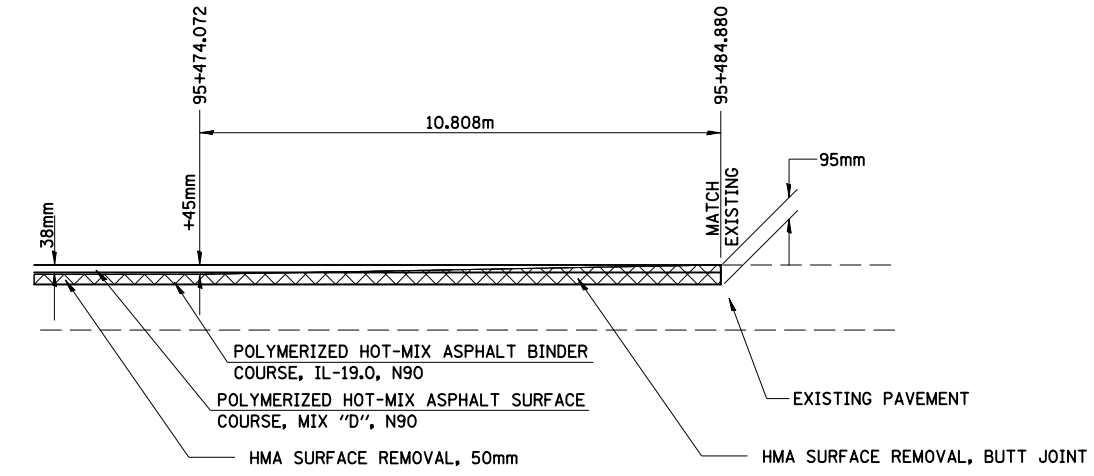
TYPICAL HANDICAP ACCESSIBLE SIDEWALK RAMP - SEE STANDARDS FOR ADDITIONAL INFORMATION.

** IF BOULEVARD IS LESS THAN 450mm WITH ANY PORTION OF THE SIDEWALK RAMP, FILL BOULEVARD WITH PC CONCRETE SIDEWALK, 125mm.

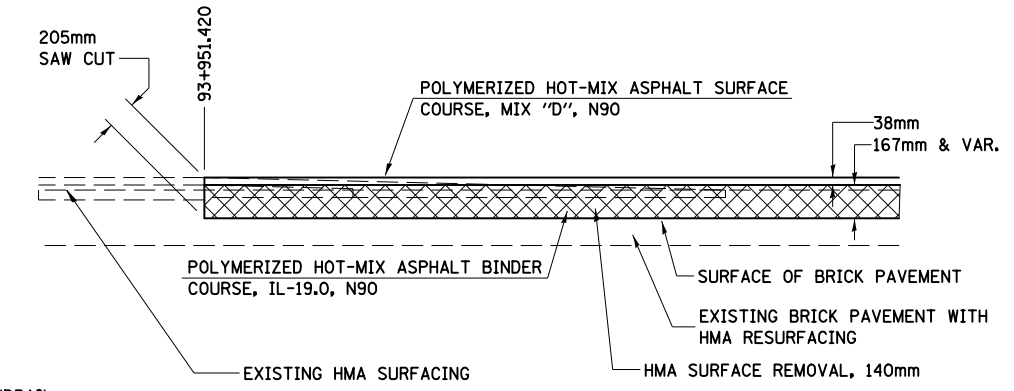


NOTE: ALL ITEMS REQUIRED FOR CONNECTING EXISTING STORM DRAINS TO PROPOSED STORM SEWER SHALL BE CONSIDERED INCLUDED IN THE COST OF CONSTRUCTING THE STORM SEWER.

DETAIL OF CONNECTING STORM DRAINS TO PROPOSED STORM SEWER



US 136 BUTT JOINT DETAIL @ END OF SECTION



US 136 BUTT JOINT DETAIL @ BEGINNING OF SECTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

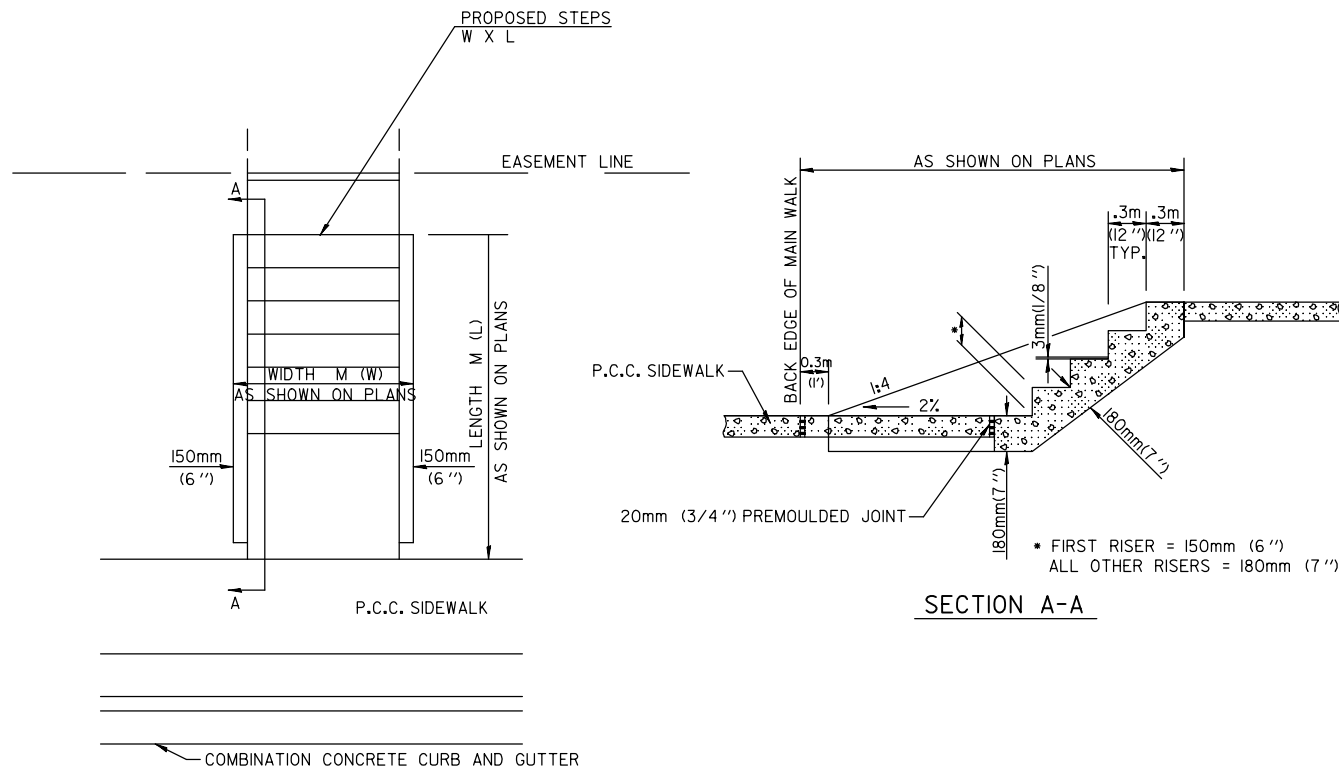
DATE AUGUST 2003
DRAWN BY TD
CHECKED BY AWM

8/17/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	•	VERMILION	298	165
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 36(W,RS-1) & 34Z-2(W,RS) CONTRACT #90939				

DETAIL OF CONCRETE SIDEWALK STEPS

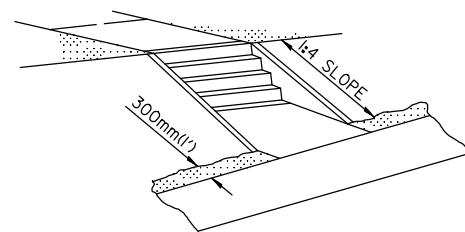
STA 94+595.2 LT
STA 94+909.1 LT



PLAN

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. M. FOR MISCELLANEOUS CONCRETE WHICH PRICE SHALL BE PAYMENT IN FULL FOR ALL MATERIAL AND LABOR, INCLUDING EXCAVATION AND PREMOULDED JOINT TO COMPLETE THE WORK. NO WELDED WIRE FABRIC IS REQUIRED.



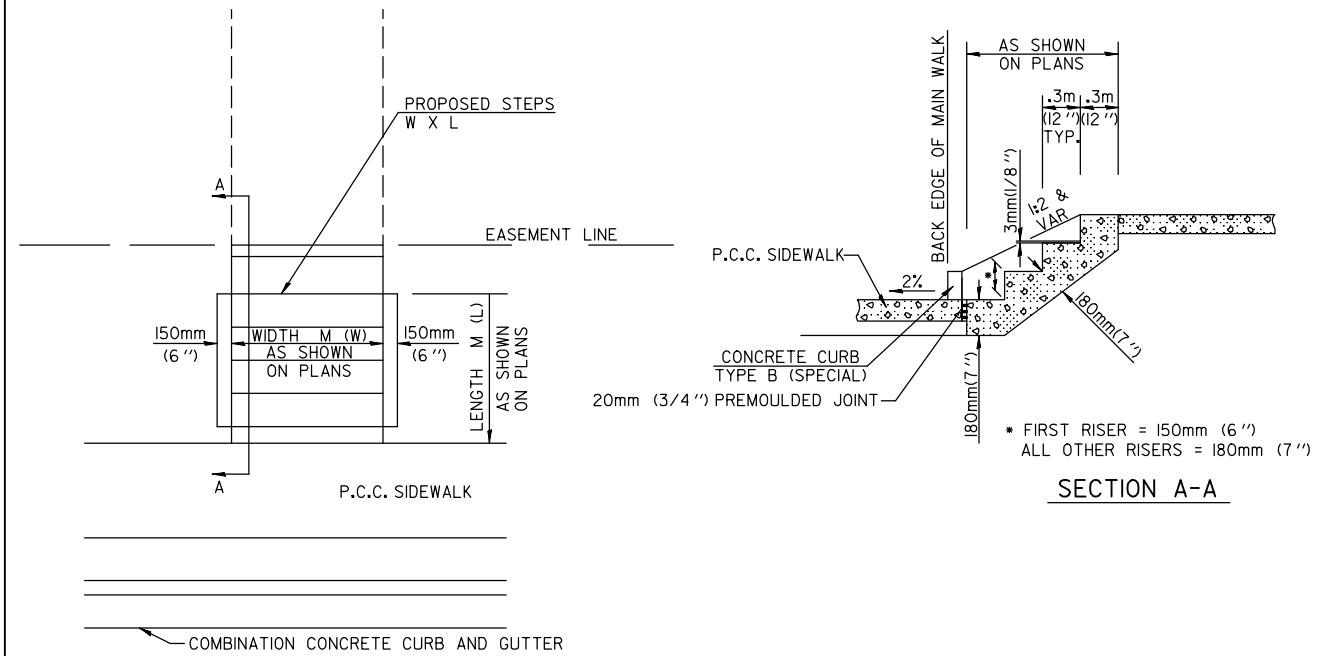
ISOMETRIC

ESTIMATED QUANTITY:

SEE SCHEDULE OF QUANTITIES FOR MISCELLANEOUS CONCRETE

DETAIL OF CONCRETE SIDEWALK STEPS

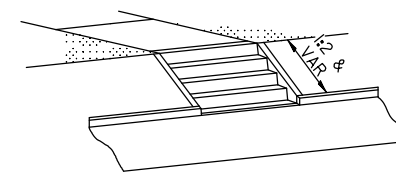
STA 94+626.8 LT
STA 95+008.1 LT



PLAN

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. M. FOR MISCELLANEOUS CONCRETE WHICH PRICE SHALL BE PAYMENT IN FULL FOR ALL MATERIAL AND LABOR, INCLUDING EXCAVATION AND PREMOULDED JOINT TO COMPLETE THE WORK. NO WELDED WIRE FABRIC IS REQUIRED.



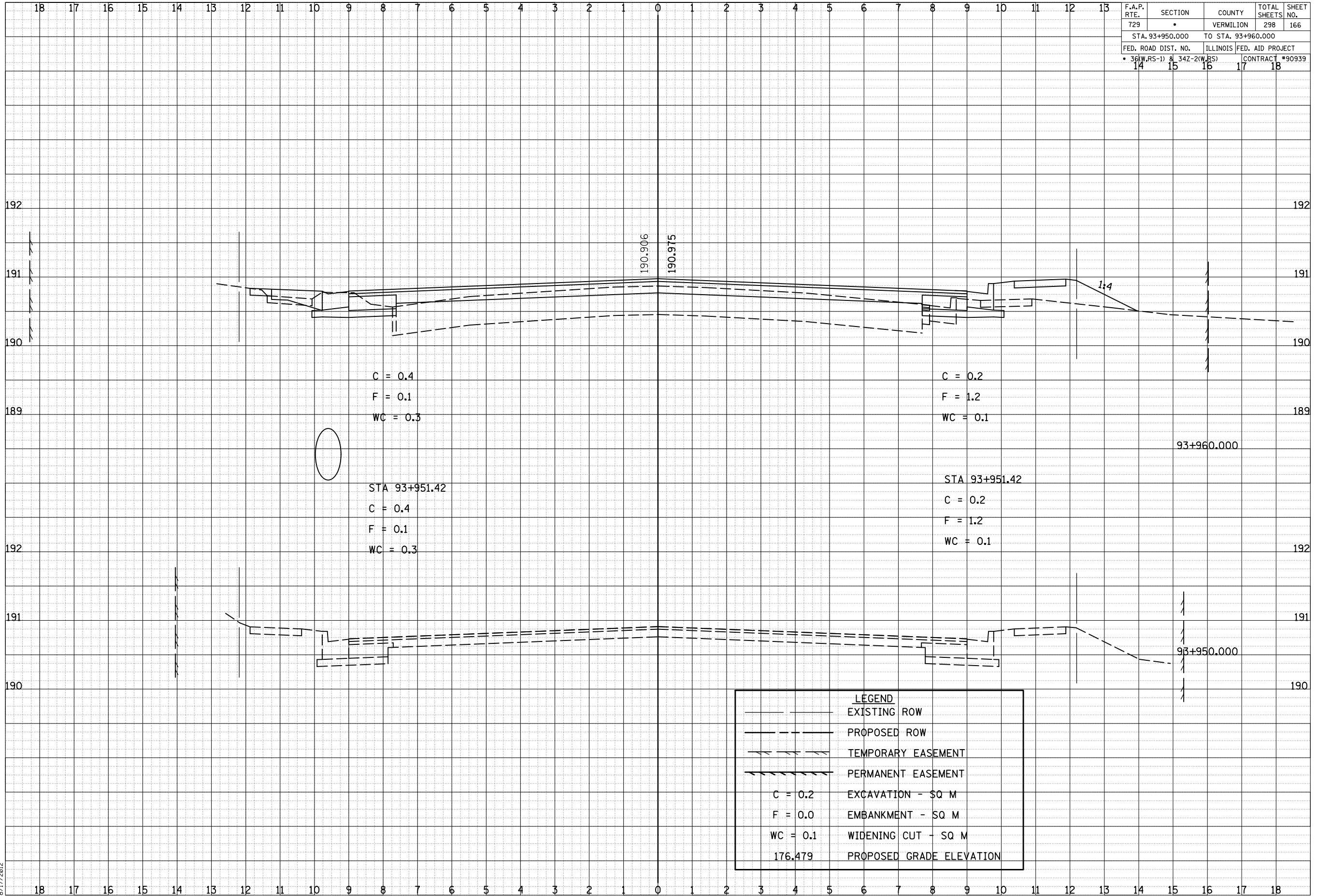
ISOMETRIC

ESTIMATED QUANTITY:

SEE SCHEDULE OF QUANTITIES FOR MISCELLANEOUS CONCRETE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MISCELLANEOUS DETAILS
DATE AUGUST 2003		DRAWN BY CT CHECKED BY AWM

8/17/2012



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	166
STA. 93+950.000		TO STA. 93+960.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE

BY	DATE

C = 0.4
F = 0.1
WC = 0.3

C = 0.2
F = 1.2
WC = 0.1

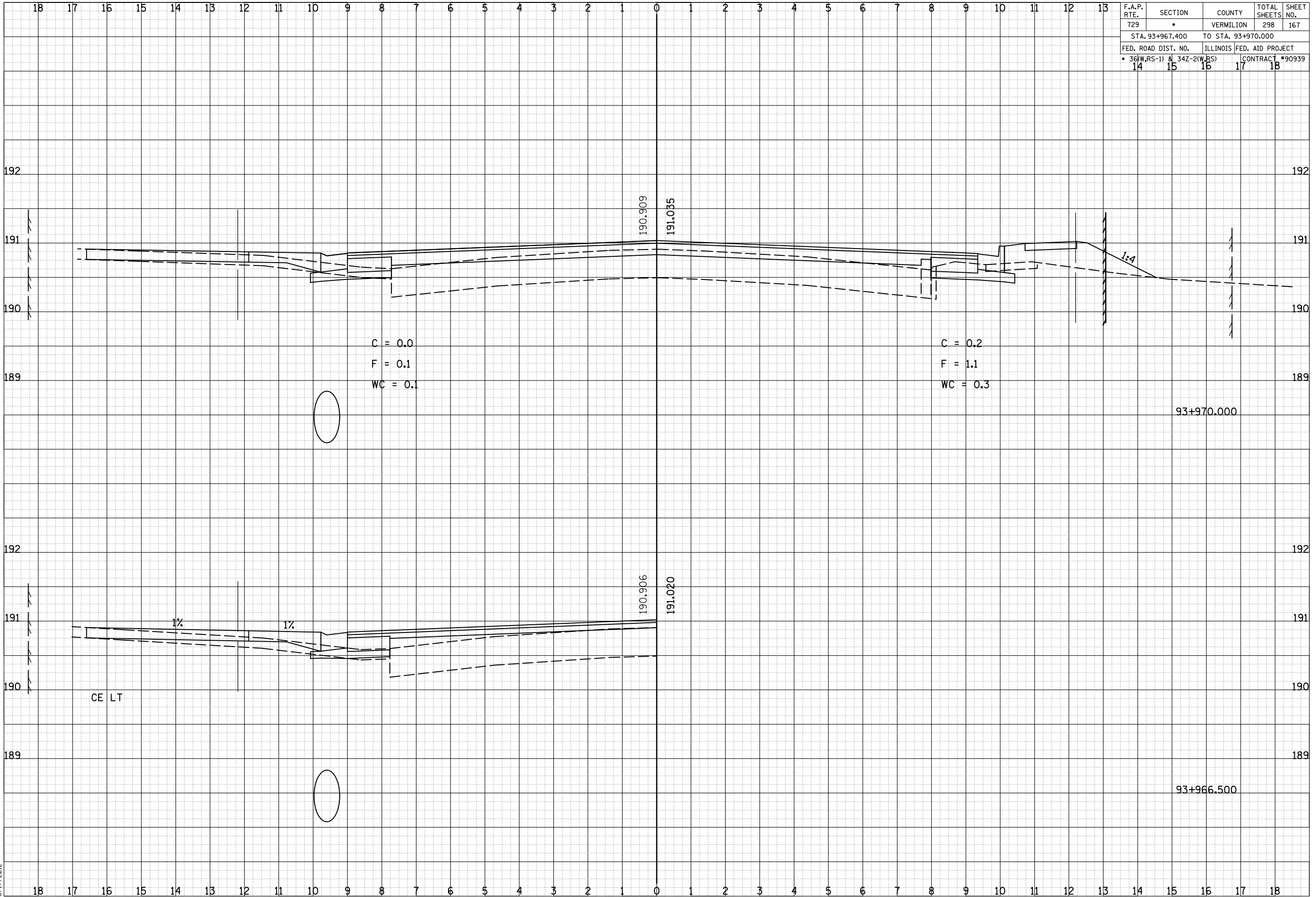
STA 93+951.42
C = 0.4
F = 0.1
WC = 0.3

STA 93+951.42
C = 0.2
F = 1.2
WC = 0.1

LEGEND	
	EXISTING ROW
	PROPOSED ROW
	TEMPORARY EASEMENT
	PERMANENT EASEMENT
C = 0.2	EXCAVATION - SQ M
F = 0.0	EMBANKMENT - SQ M
WC = 0.1	WIDENING CUT - SQ M
176.479	PROPOSED GRADE ELEVATION

8/17/2012

c:\pw_work\pwidot\cearlock\j\d0313241\20003xshs.dgn



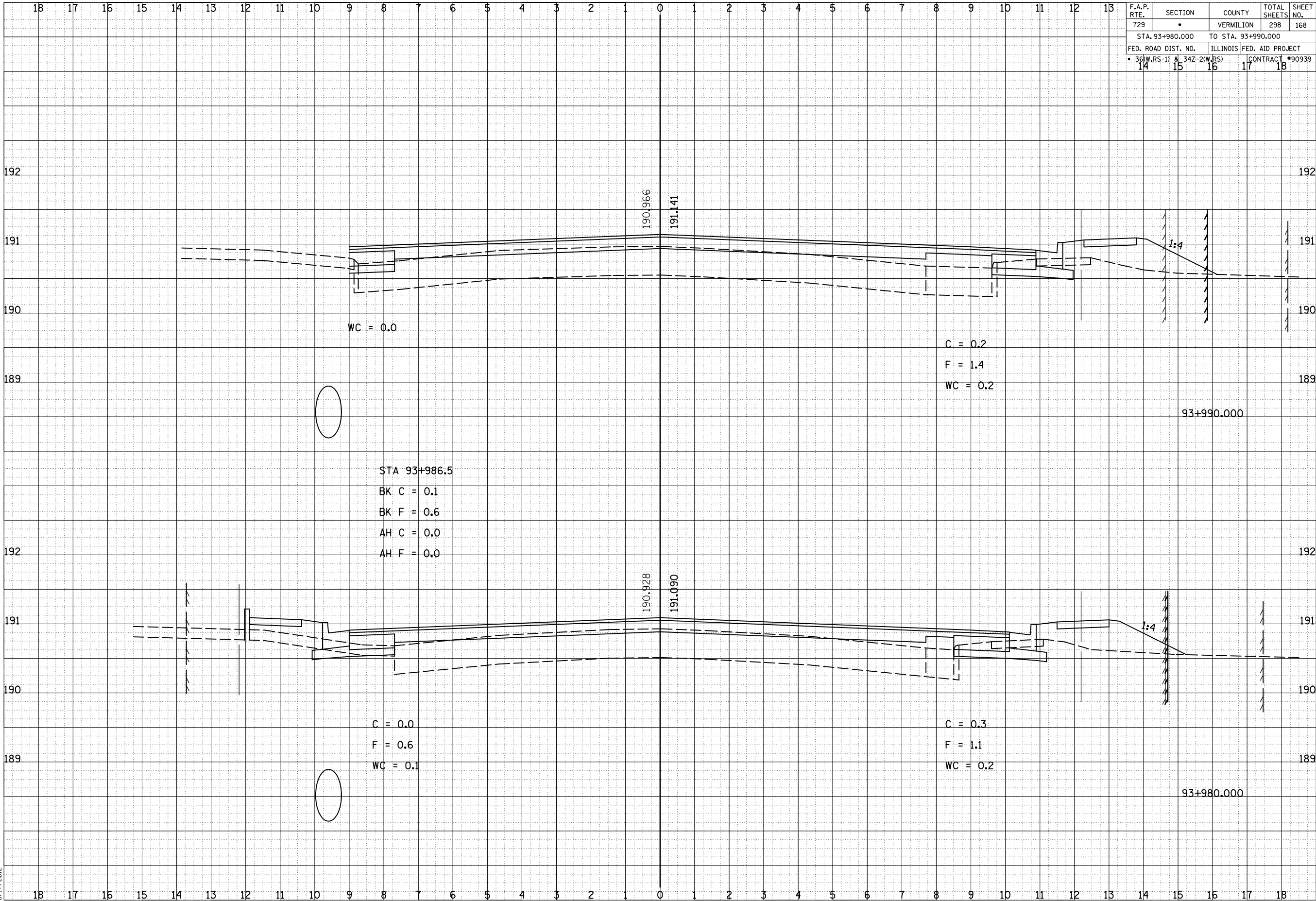
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	167
STA. 93+967.400 TO STA. 93+970.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W.RS-1) & 34Z-2(W.RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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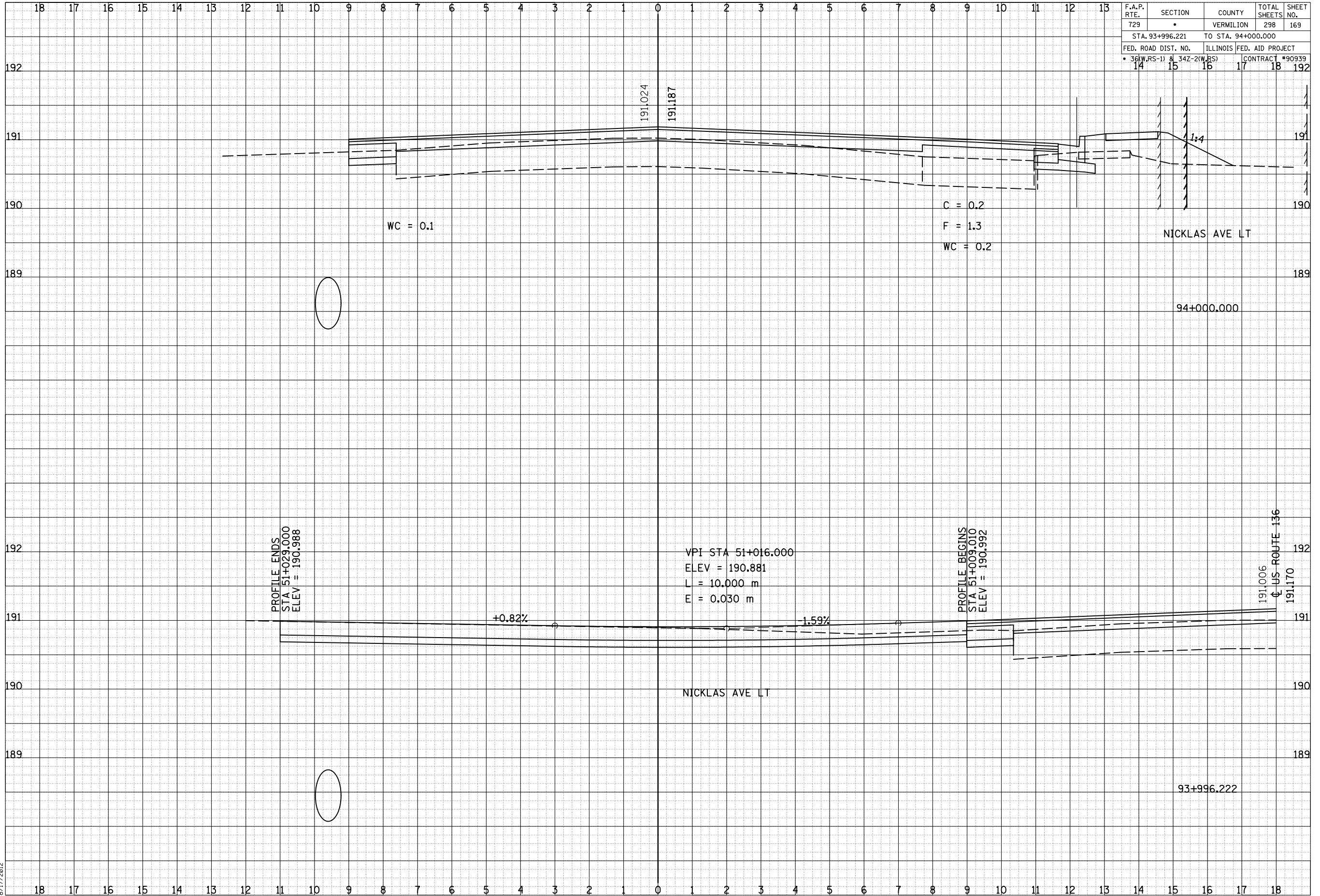
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	168
STA. 93+980.000 TO STA. 93+990.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	169
STA. 93+996.221 TO STA. 94+000.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18 192	CONTRACT #90939		

BY	DATE

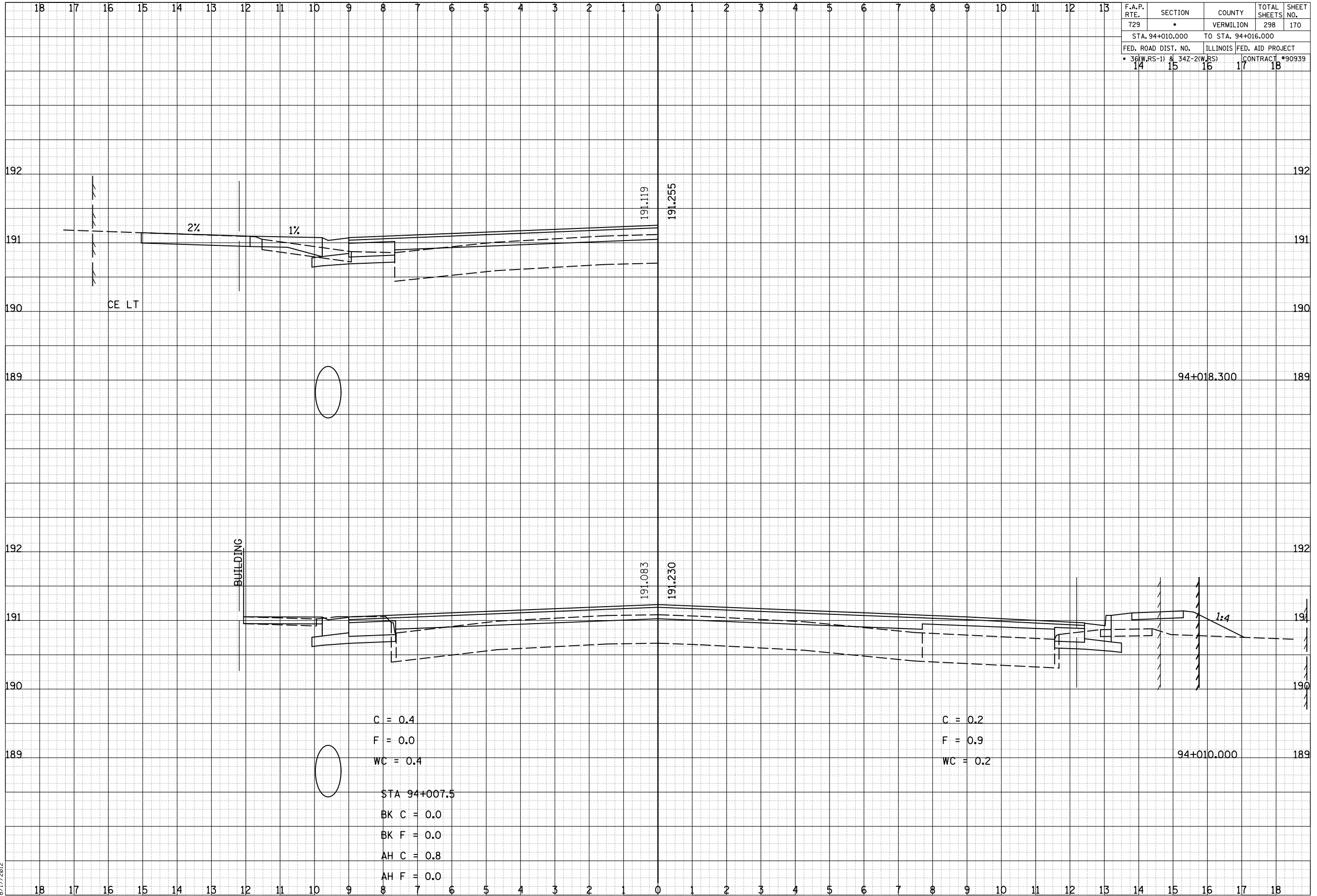
FINAL SURVEY	SURVEYED

BY	DATE

ORIGINAL SURVEY	SURVEYED

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	170
STA. 94+010.000 TO STA. 94+016.000				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
36(W.RS-1) & 34Z-2(W.RS)		CONTRACT #90939		
14	15	16	17	18

BY	DATE

BY	DATE

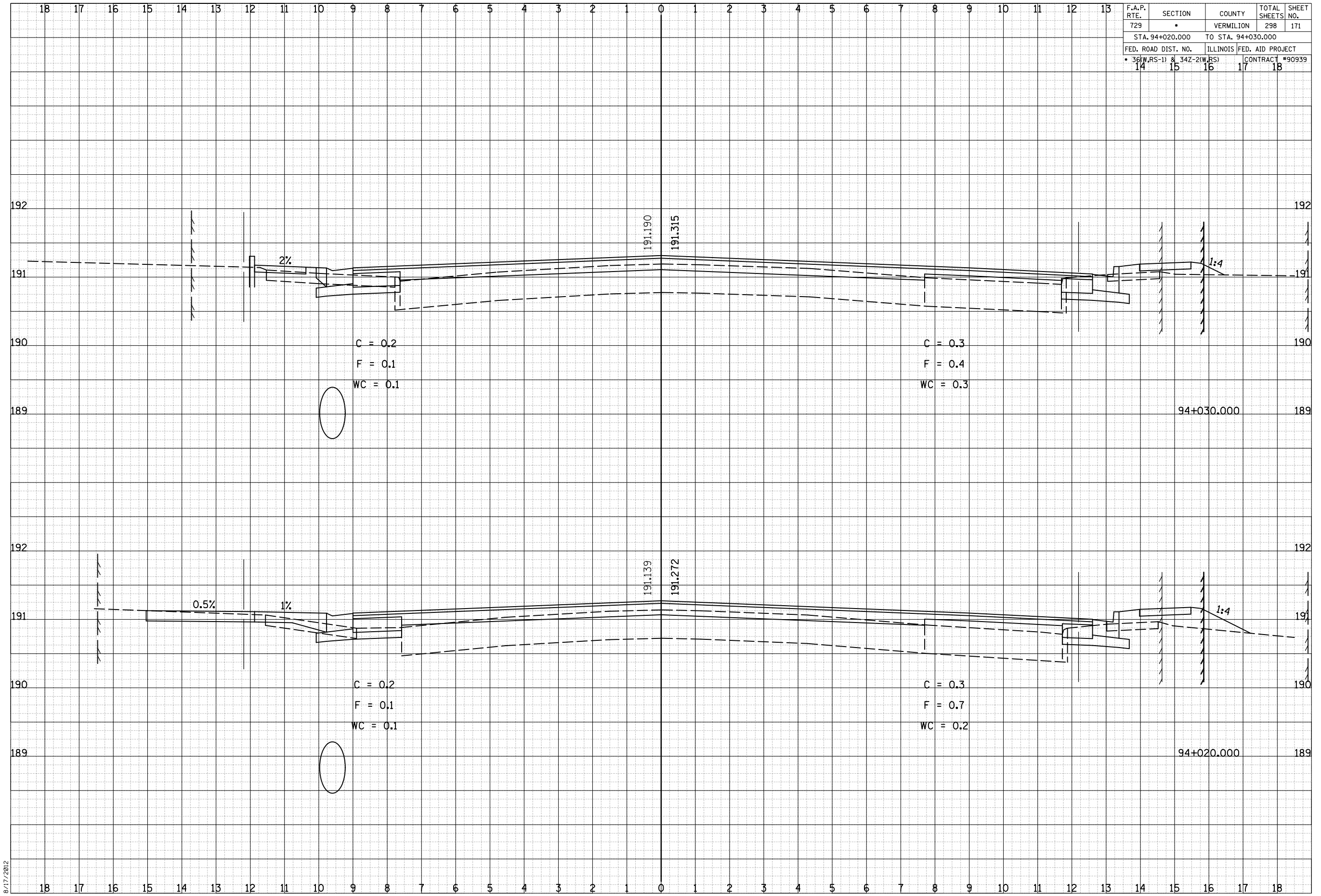
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C = 0.2
 F = 0.9
 WC = 0.2

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 BK C = 0.0
 BK F = 0.0
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 AH F = 0.0

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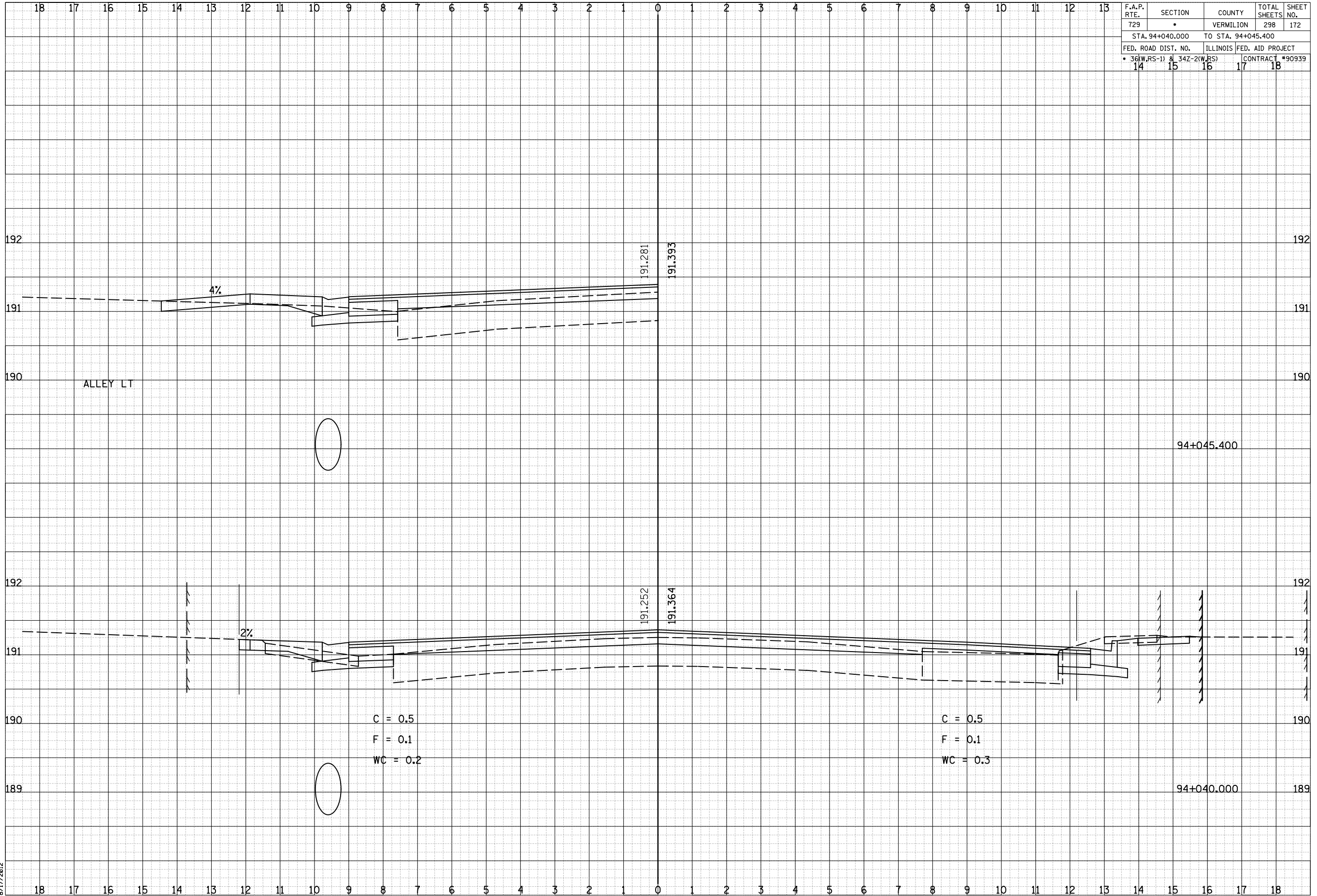
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	171
STA. 94+020.000 TO STA. 94+030.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEYED	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEYED	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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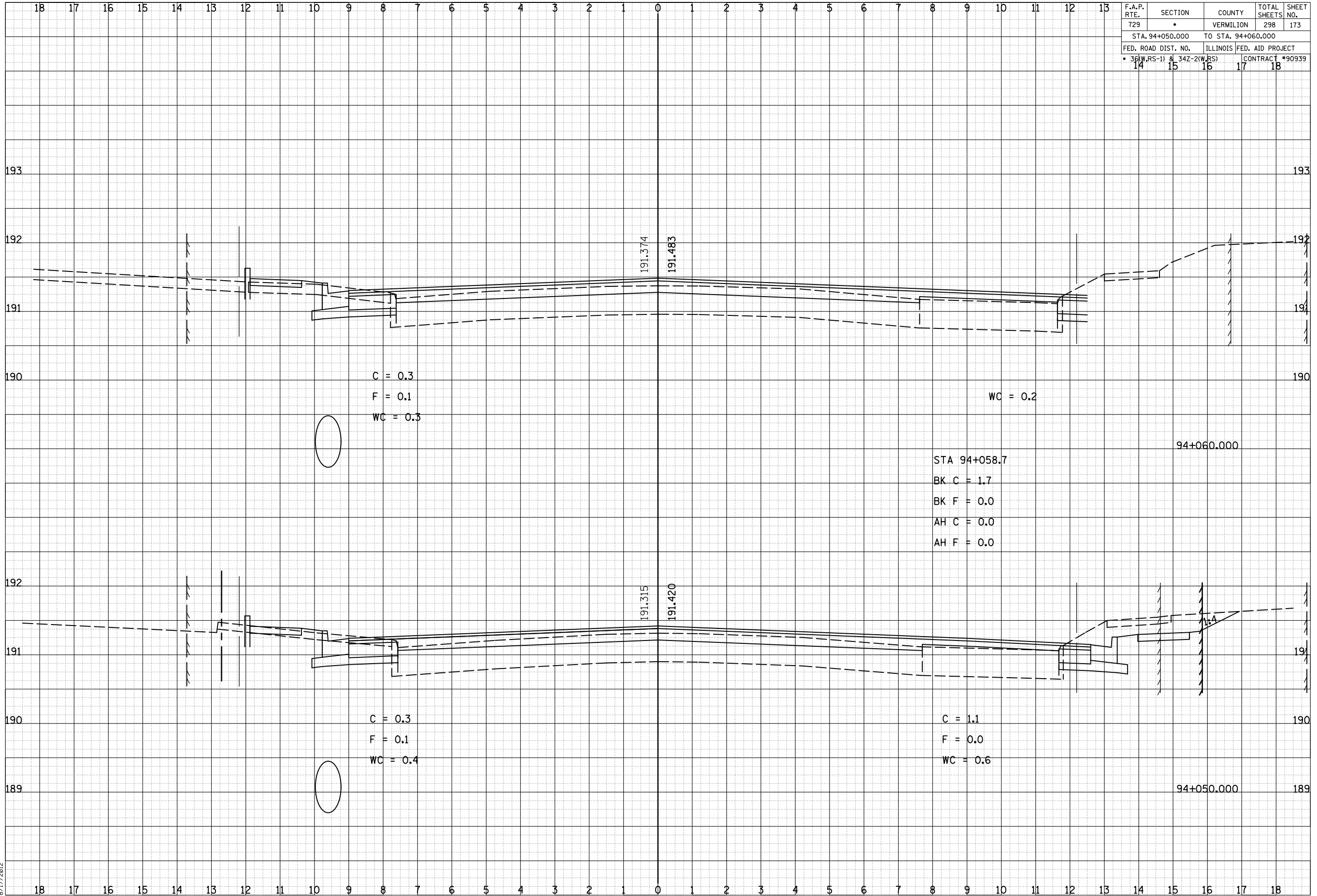
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	172
STA. 94+040.000 TO STA. 94+045.400				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* 36(W,RS-1) & 34Z-2(W,RS)			CONTRACT #90939	
14	15	16	17	18

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	173
STA. 94+050.000 TO STA. 94+060.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE

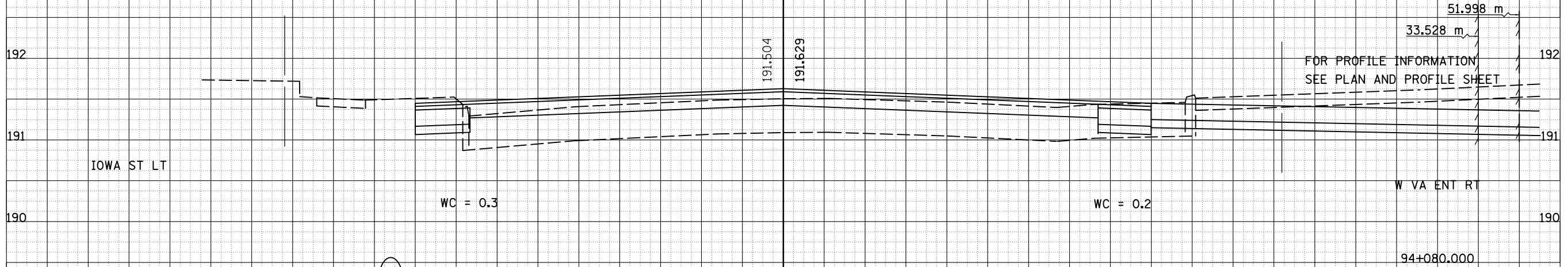
BY	DATE

8/17/2012

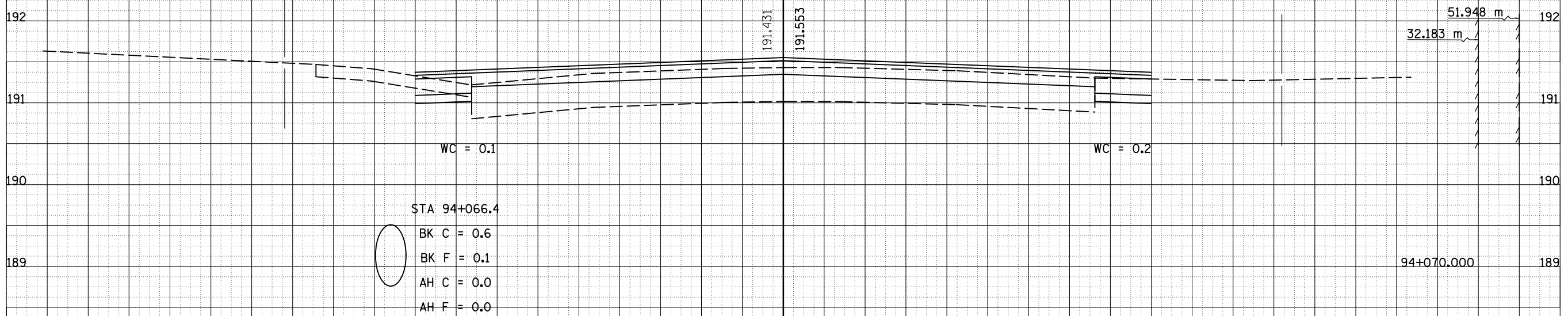
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																		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.									
																		729	*	VERMILION	298	174									
																		STA. 94+070.000 TO STA. 94+080.000													
																		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT												
																		14	36(W,RS-1) & 34Z-2(W,RS)	15	16	17	18	CONTRACT #90939							

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

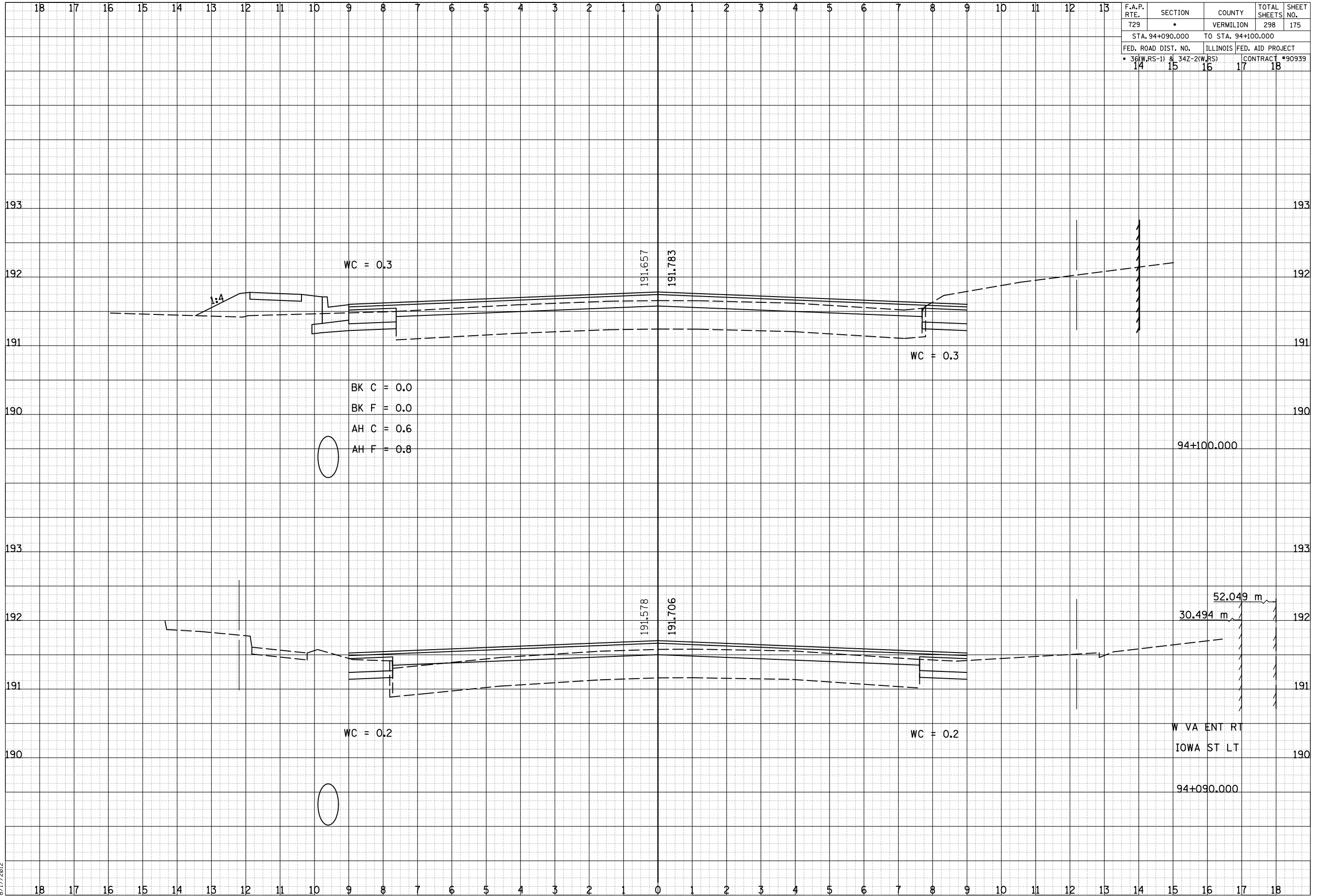


BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



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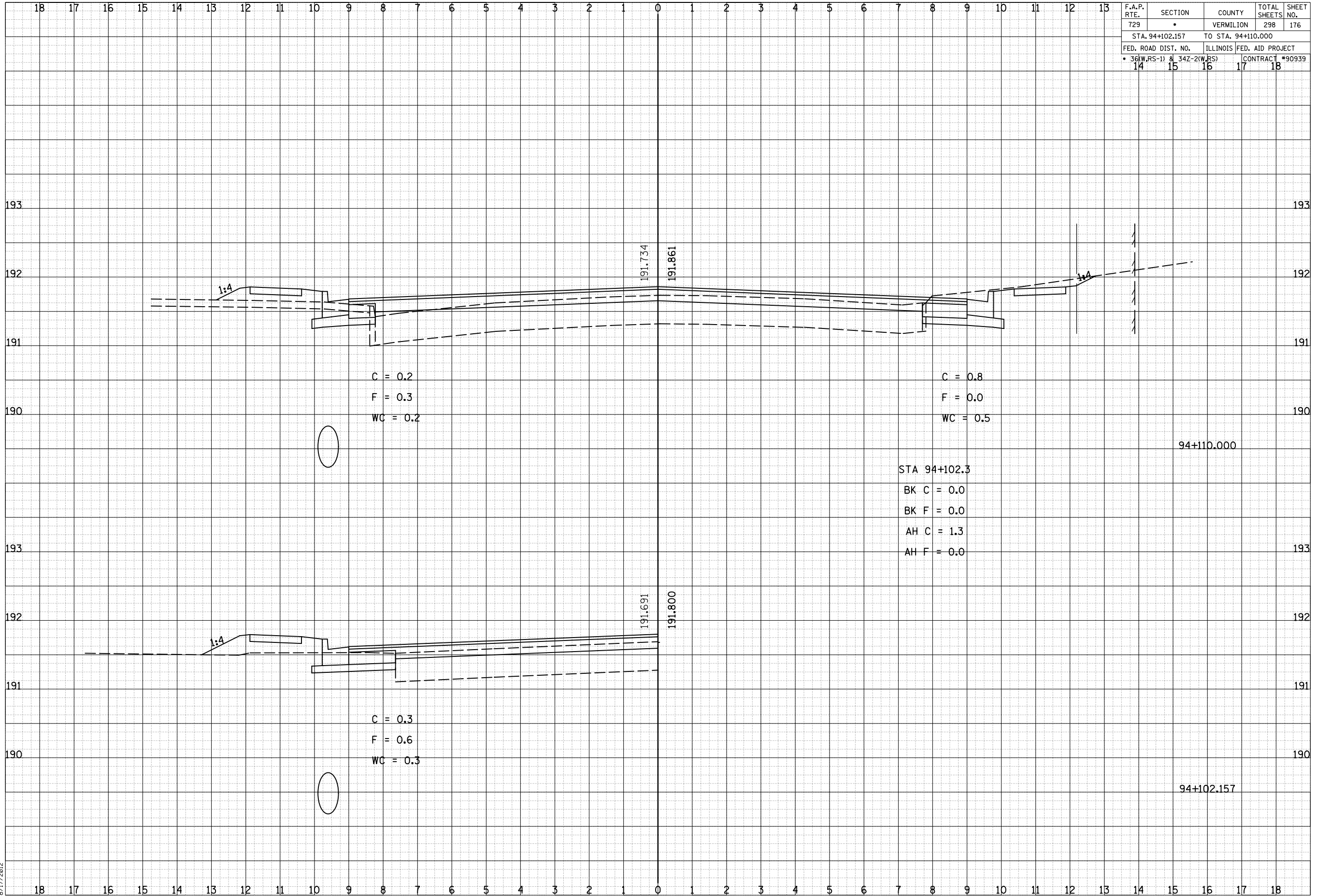
F.A.P. RTE. 729	SECTION *	COUNTY VERMILION	TOTAL SHEETS 298	SHEET NO. 175
STA. 94+090.000 TO STA. 94+100.000				
FED. ROAD DIST. NO. 36(W,RS-1) & 34Z-2(W,RS)		ILLINOIS FED. AID PROJECT CONTRACT #90939		
14	15	16	17	18

BY	DATE
FINISH SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

BY	DATE
ORIGINAL SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

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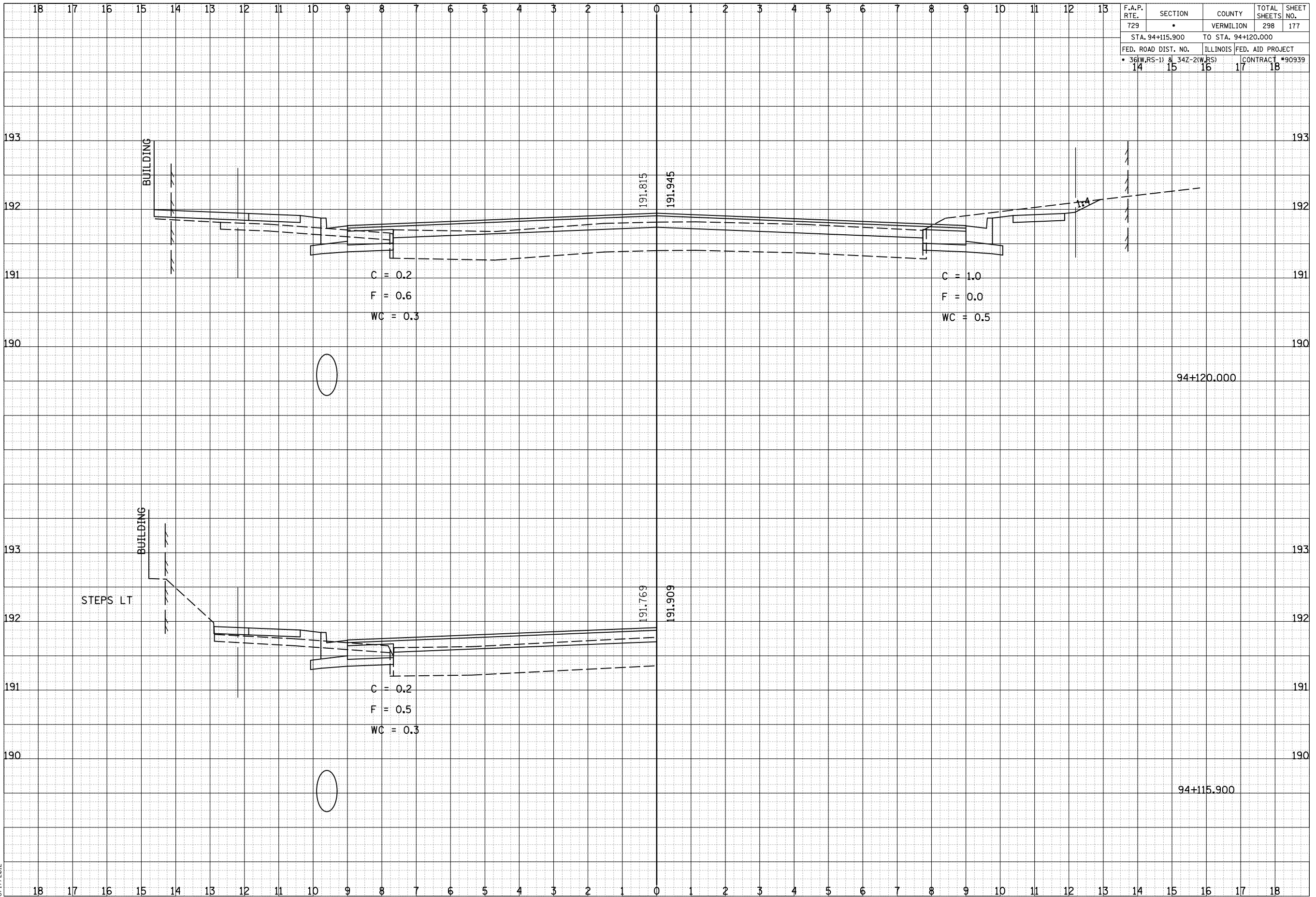
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	176
STA. 94+102.157 TO STA. 94+110.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE

BY	DATE

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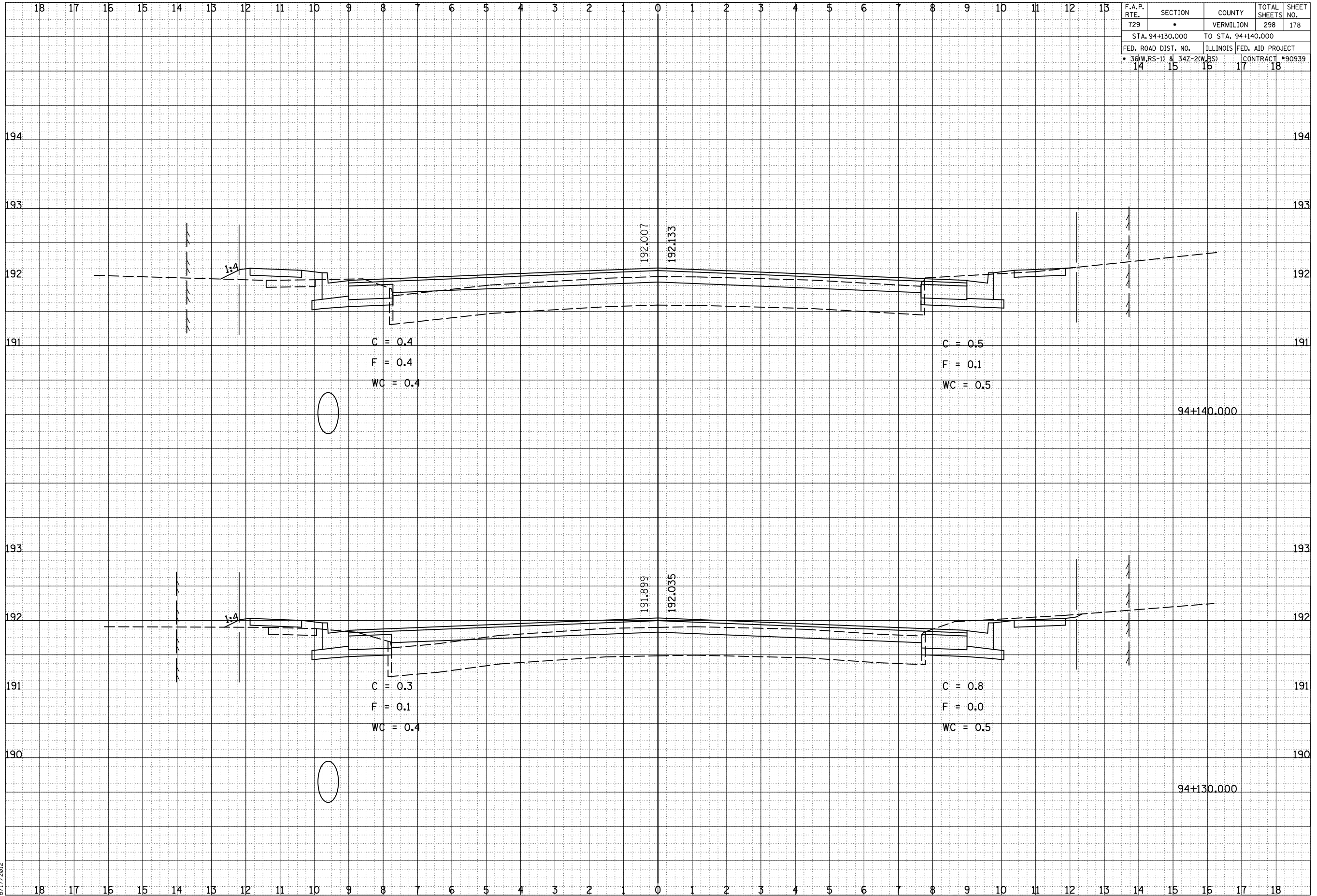
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	177
STA. 94+115.900 TO STA. 94+120.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE

BY	DATE

8/17/2012

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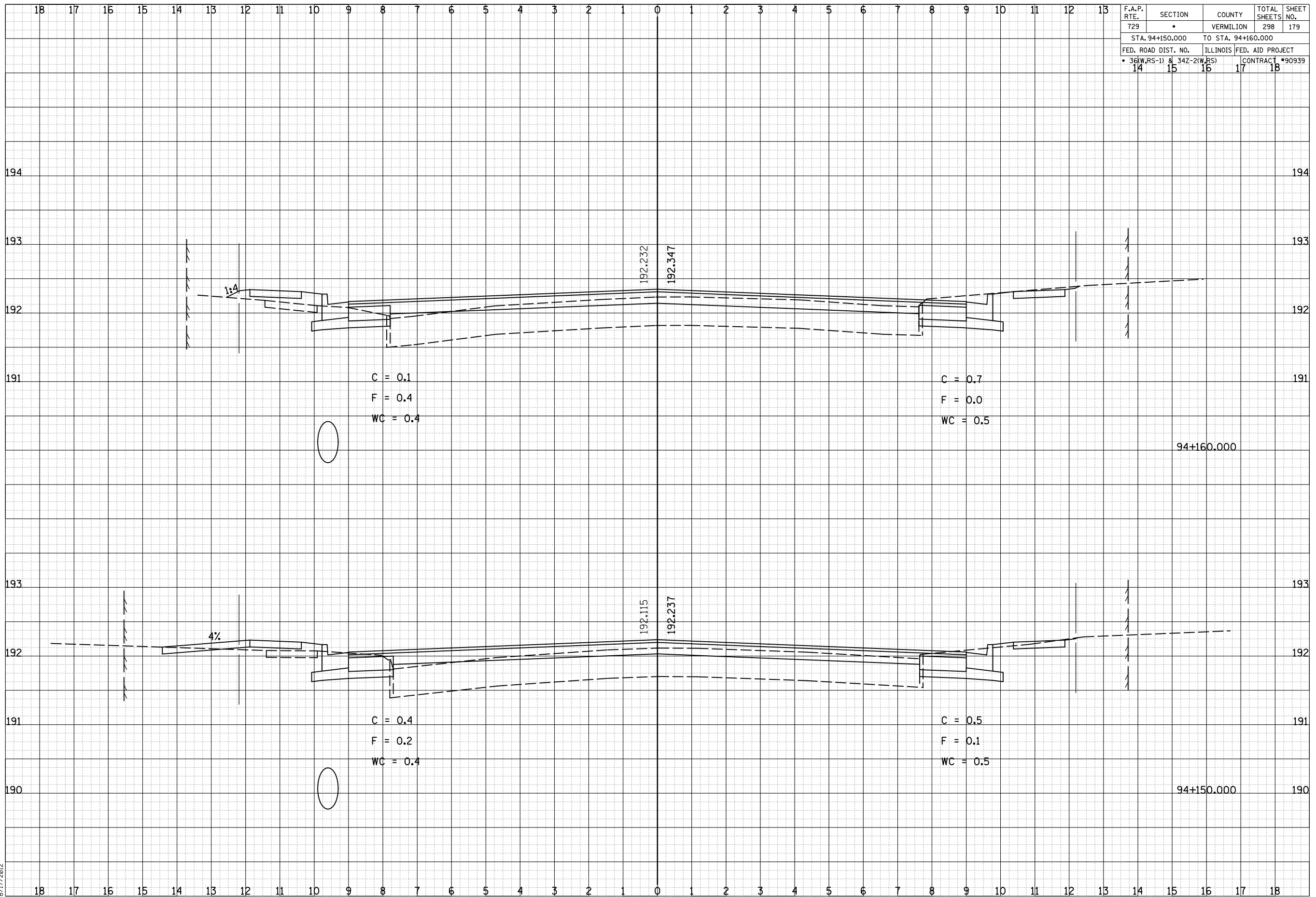
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	178
STA. 94+130.000 TO STA. 94+140.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEYED	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEYED	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	179
STA. 94+150.000 TO STA. 94+160.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

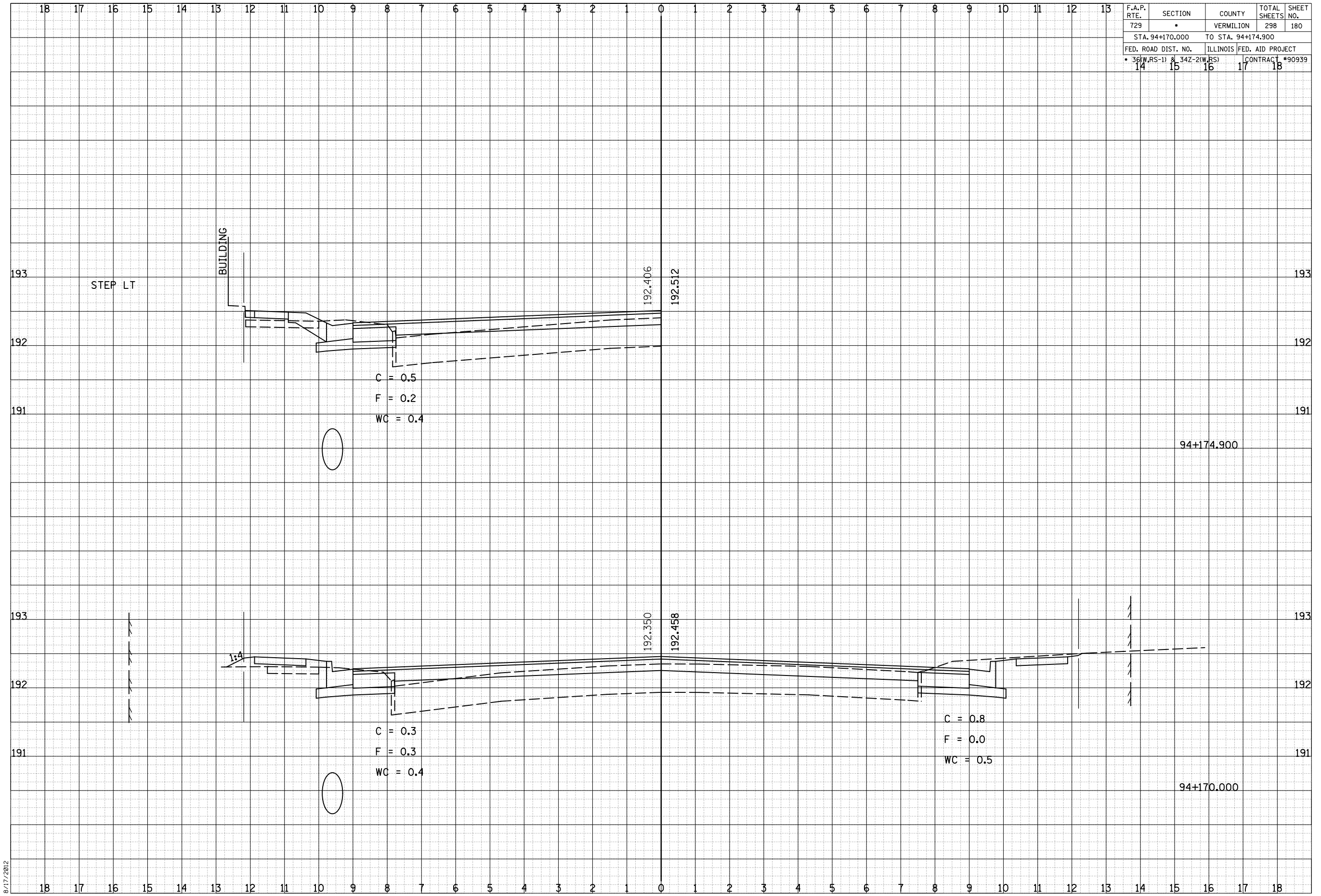
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F.A.P. RTE. 729	SECTION *	COUNTY VERMILION	TOTAL SHEETS 298	SHEET NO. 180
STA. 94+170.000		TO STA. 94+174.900		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)		CONTRACT #90939		

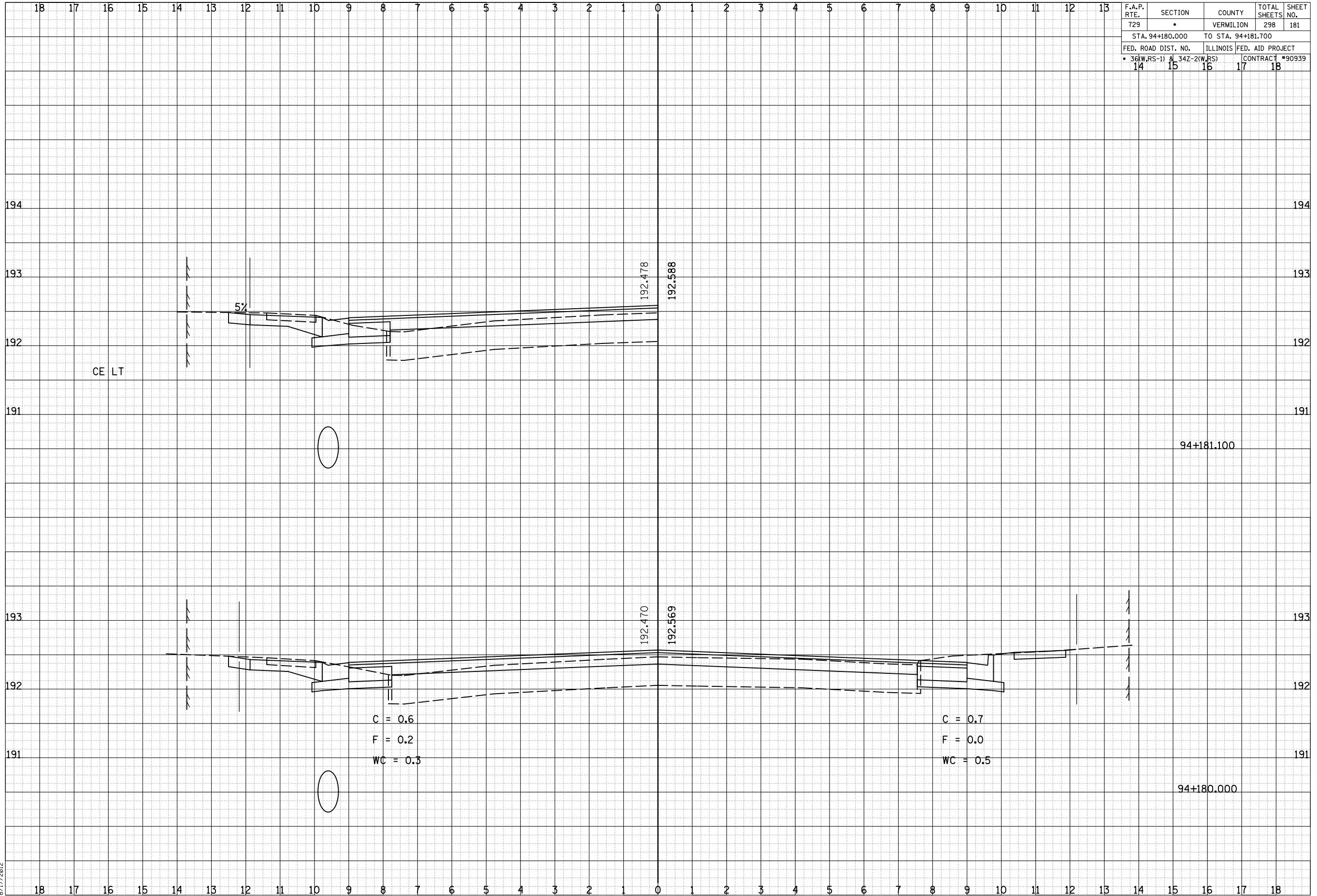
BY _____	DATE _____
FINISH SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	

BY _____	DATE _____
ORIGINAL SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	



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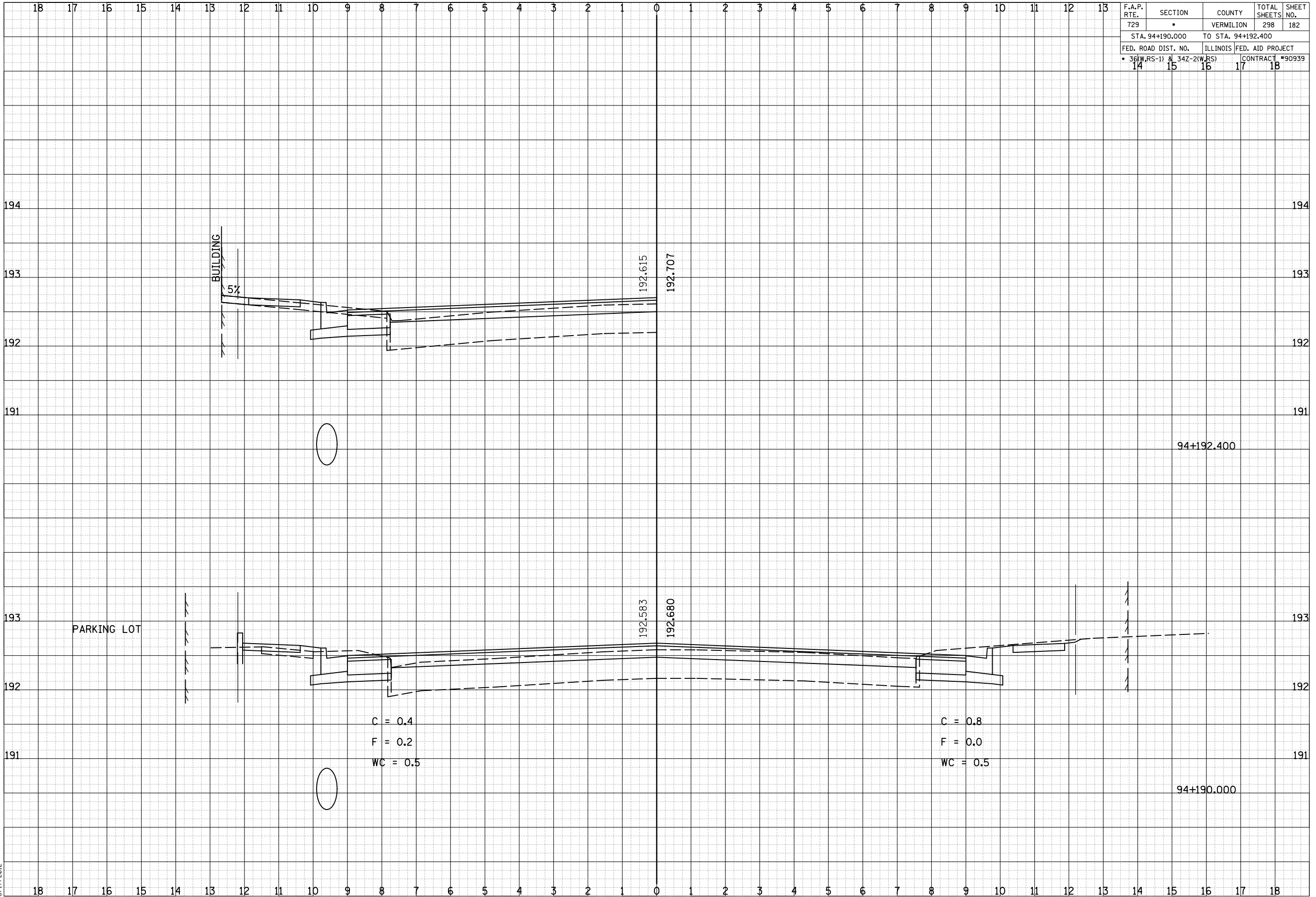
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	181
STA. 94+180.000		TO STA. 94+181.700		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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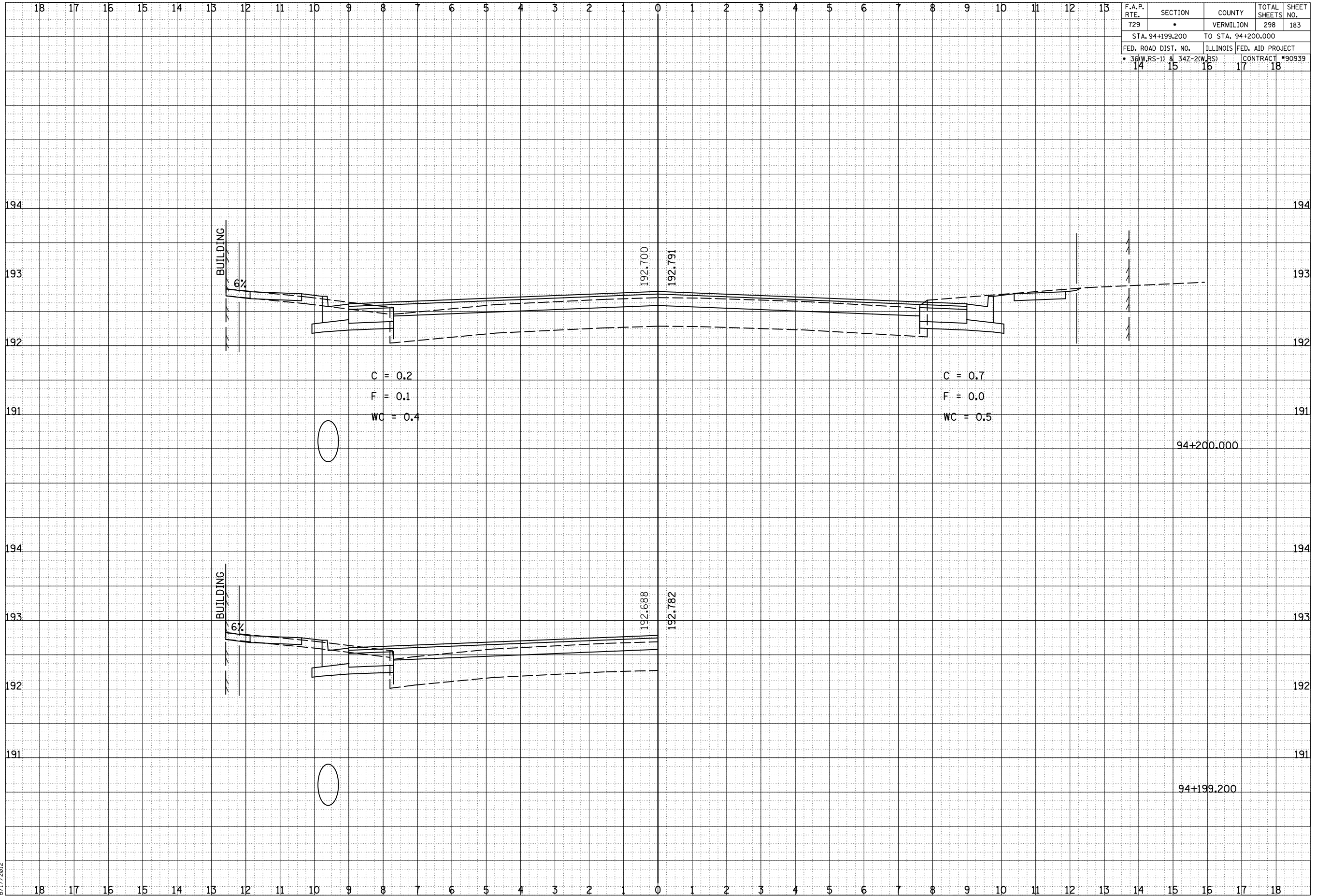
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	182
STA. 94+190.000 TO STA. 94+192.400				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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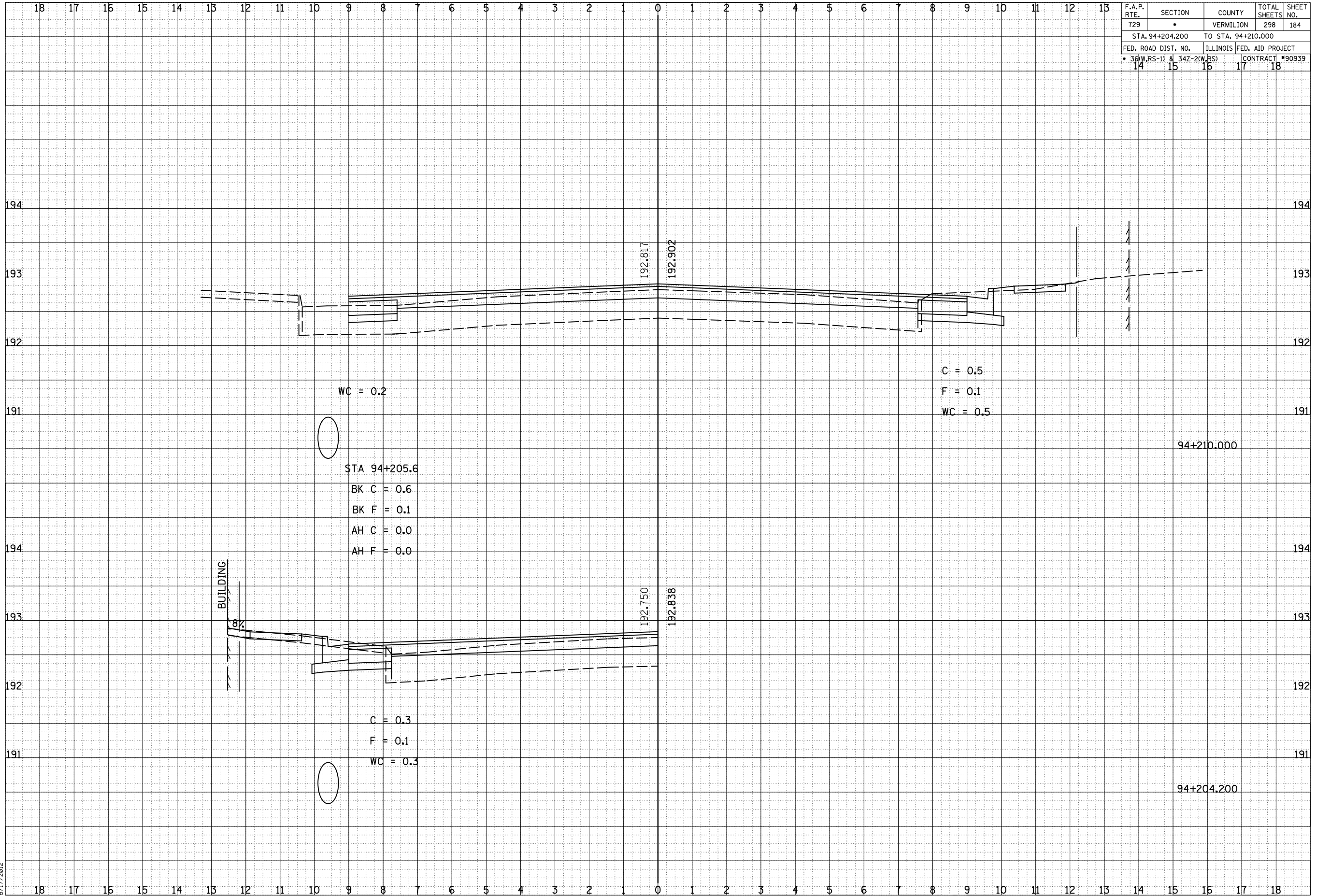
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	183
STA. 94+199.200 TO STA. 94+200.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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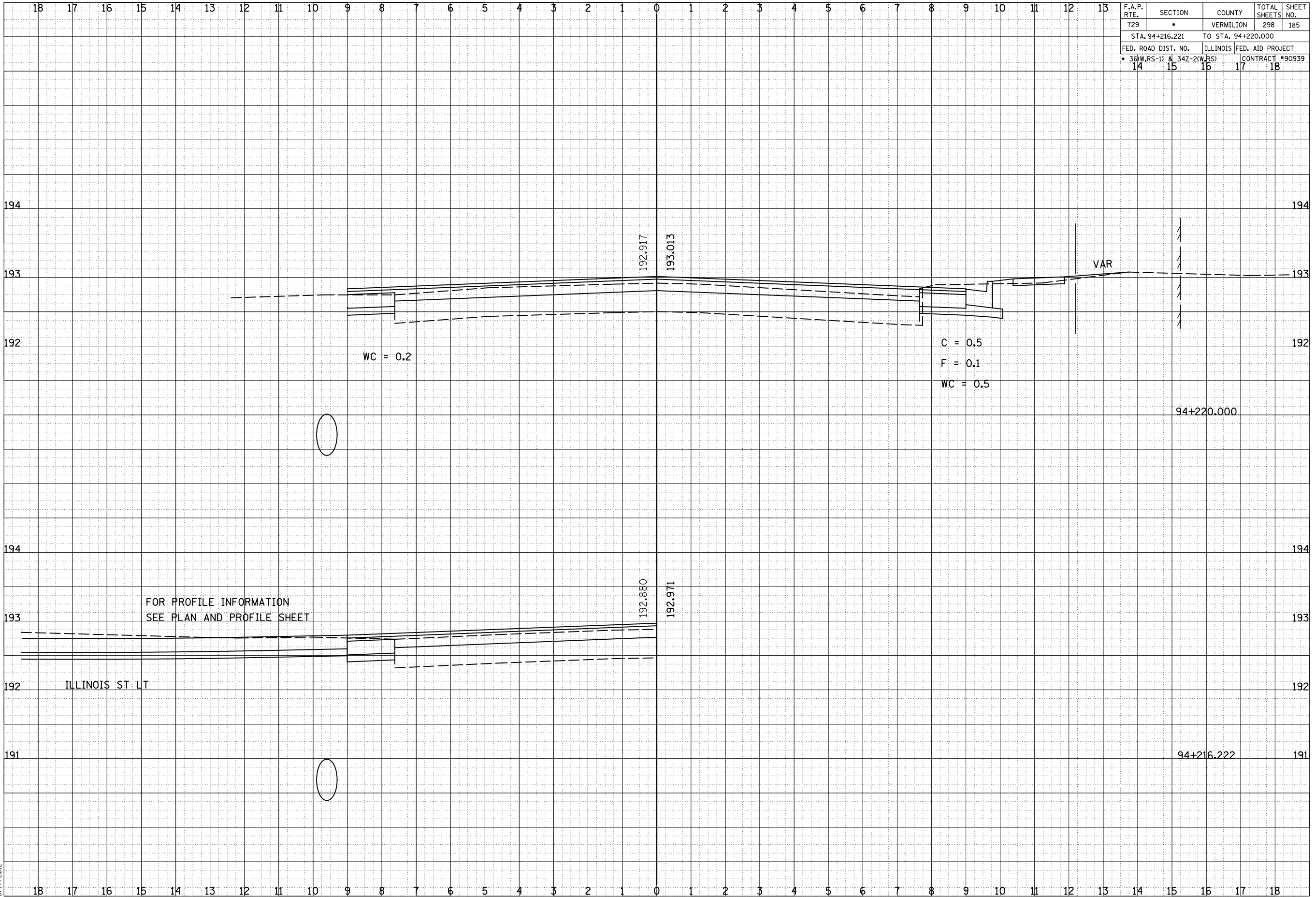
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	184
STA. 94+204.200 TO STA. 94+210.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS
	CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS
	CHECKED

8/17/2012

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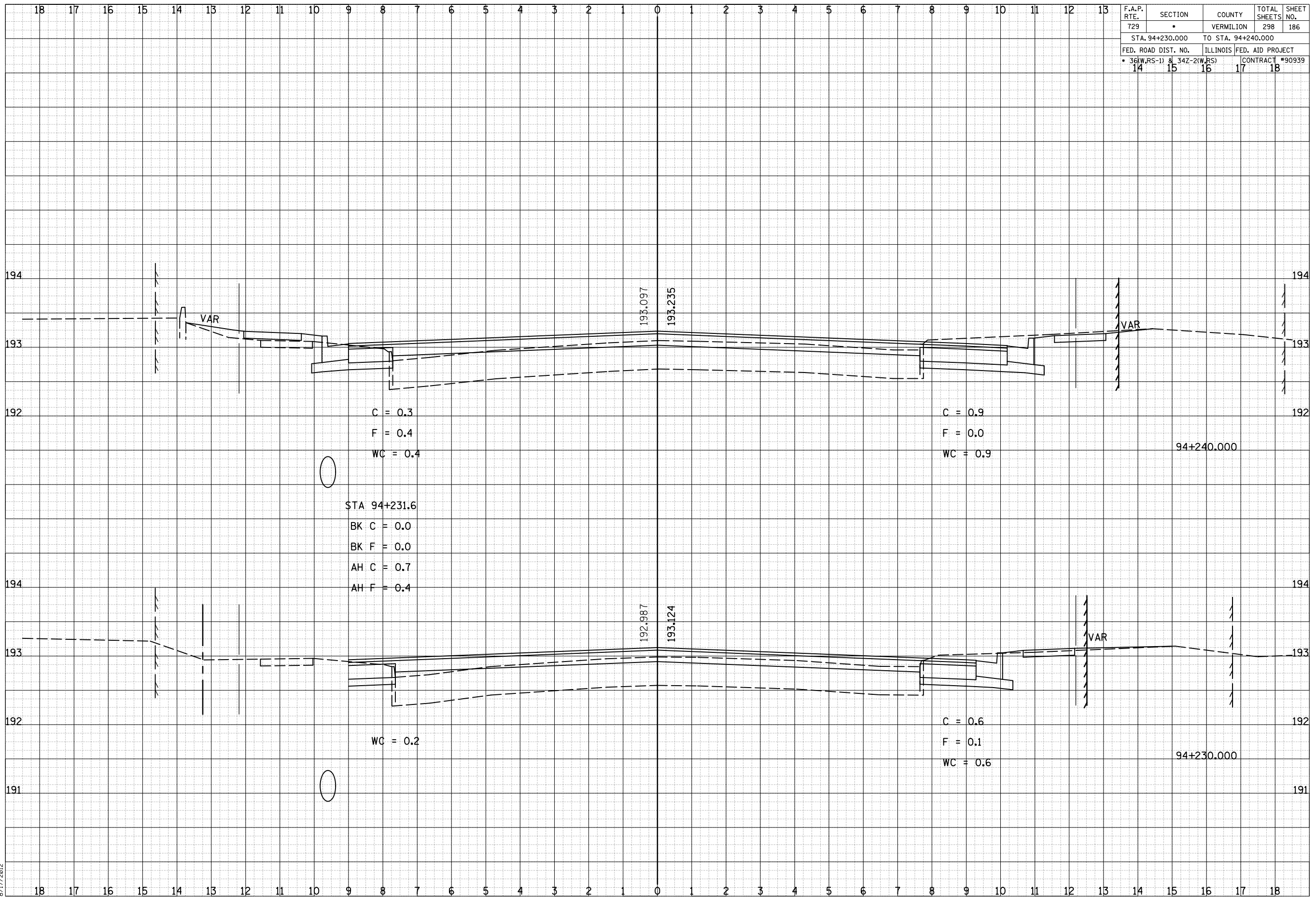
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	185
STA. 94+216.221 TO STA. 94+220.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINISH SURVEYED	PLOTTED
NOTE BOOK	AREAS
NO.	CHECKED

BY	DATE
ORIGINAL SURVEYED	PLOTTED
NOTE BOOK	AREAS
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8/17/2012

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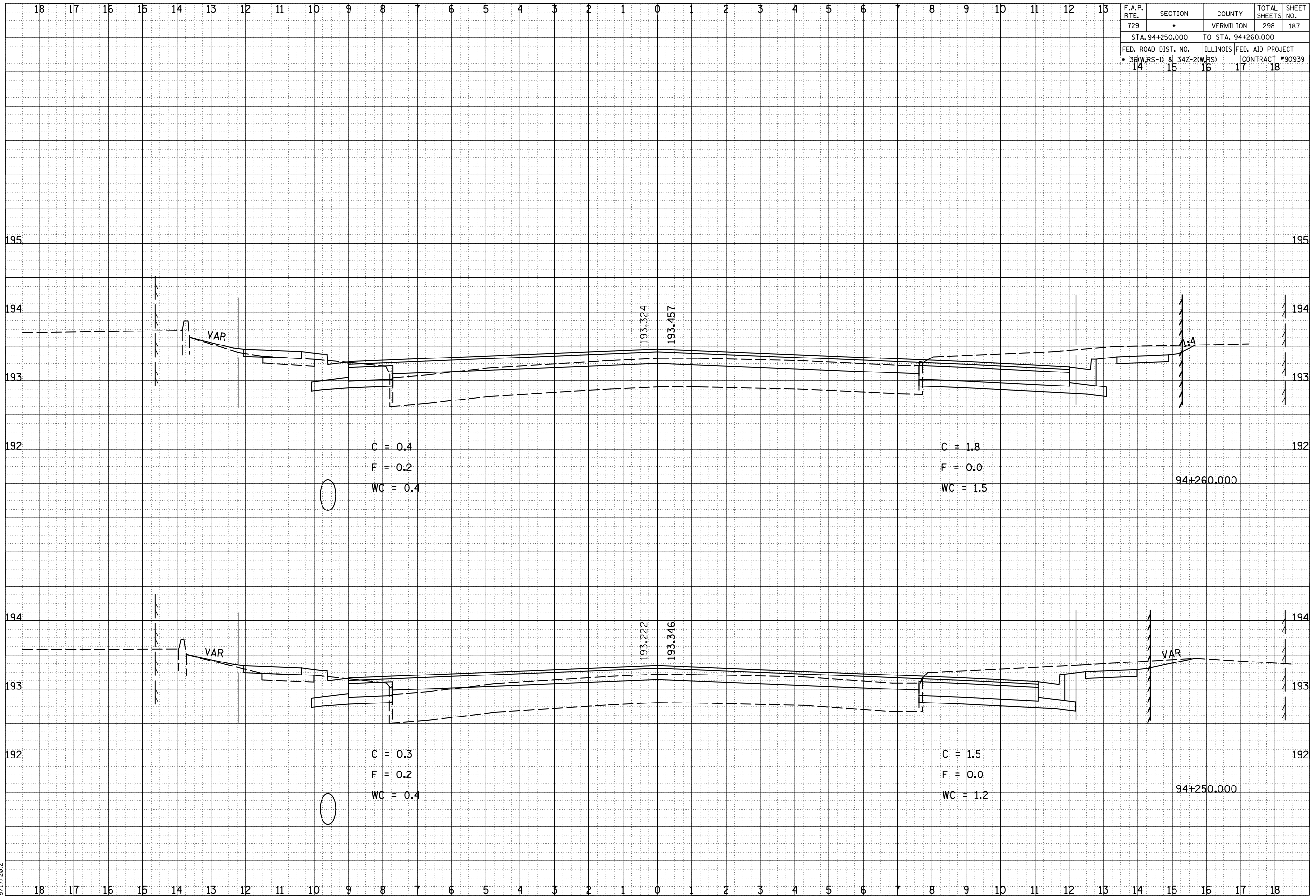
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	186
STA. 94+230.000 TO STA. 94+240.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* 36(W,RS-1) & 34Z-2(W,RS)			CONTRACT #90939	
14	15	16	17	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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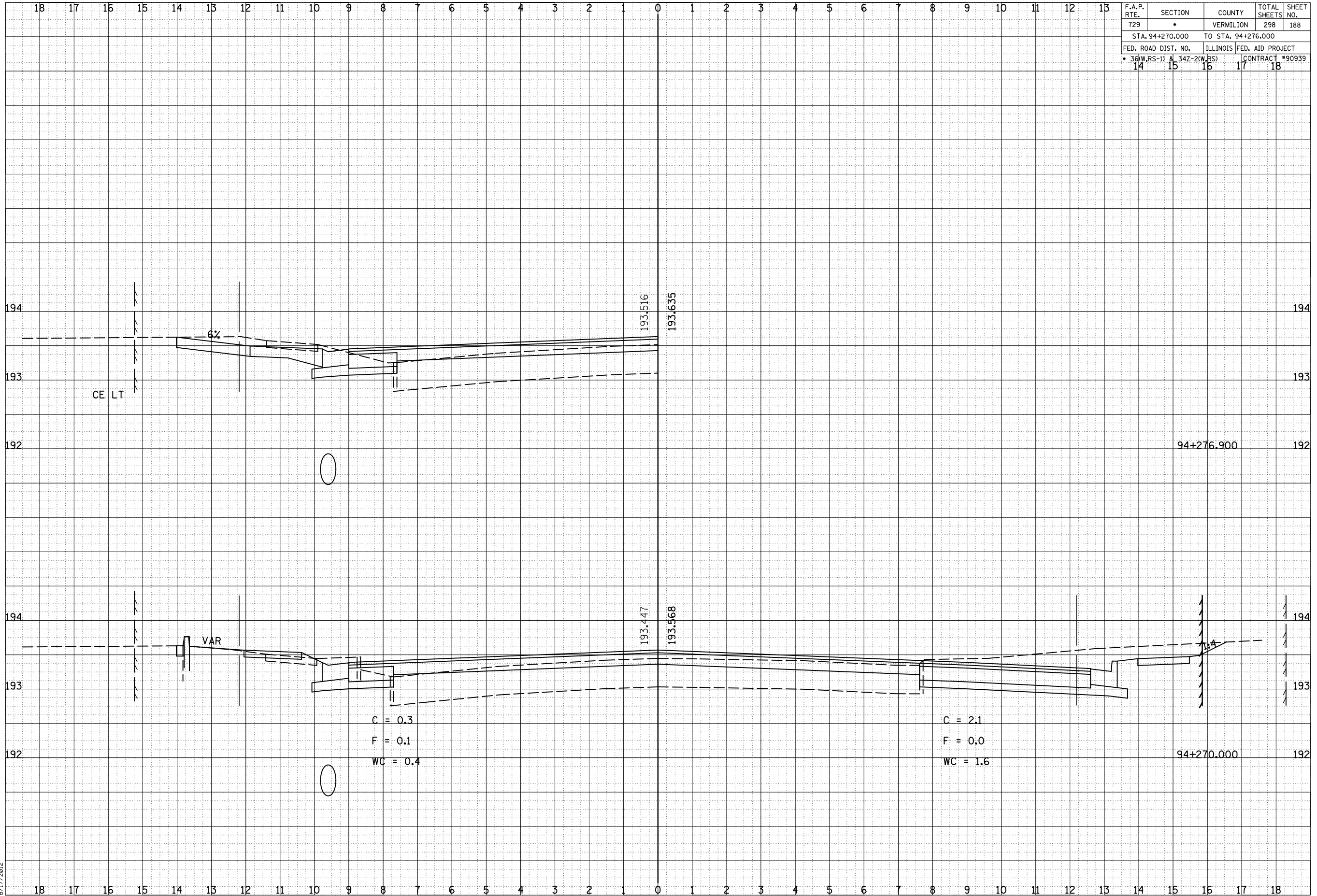
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	187
STA. 94+250.000 TO STA. 94+260.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
			CONTRACT #90939	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	188
STA. 94+270.000 TO STA. 94+276.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W.RS-1) & 34Z-2(W.RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE

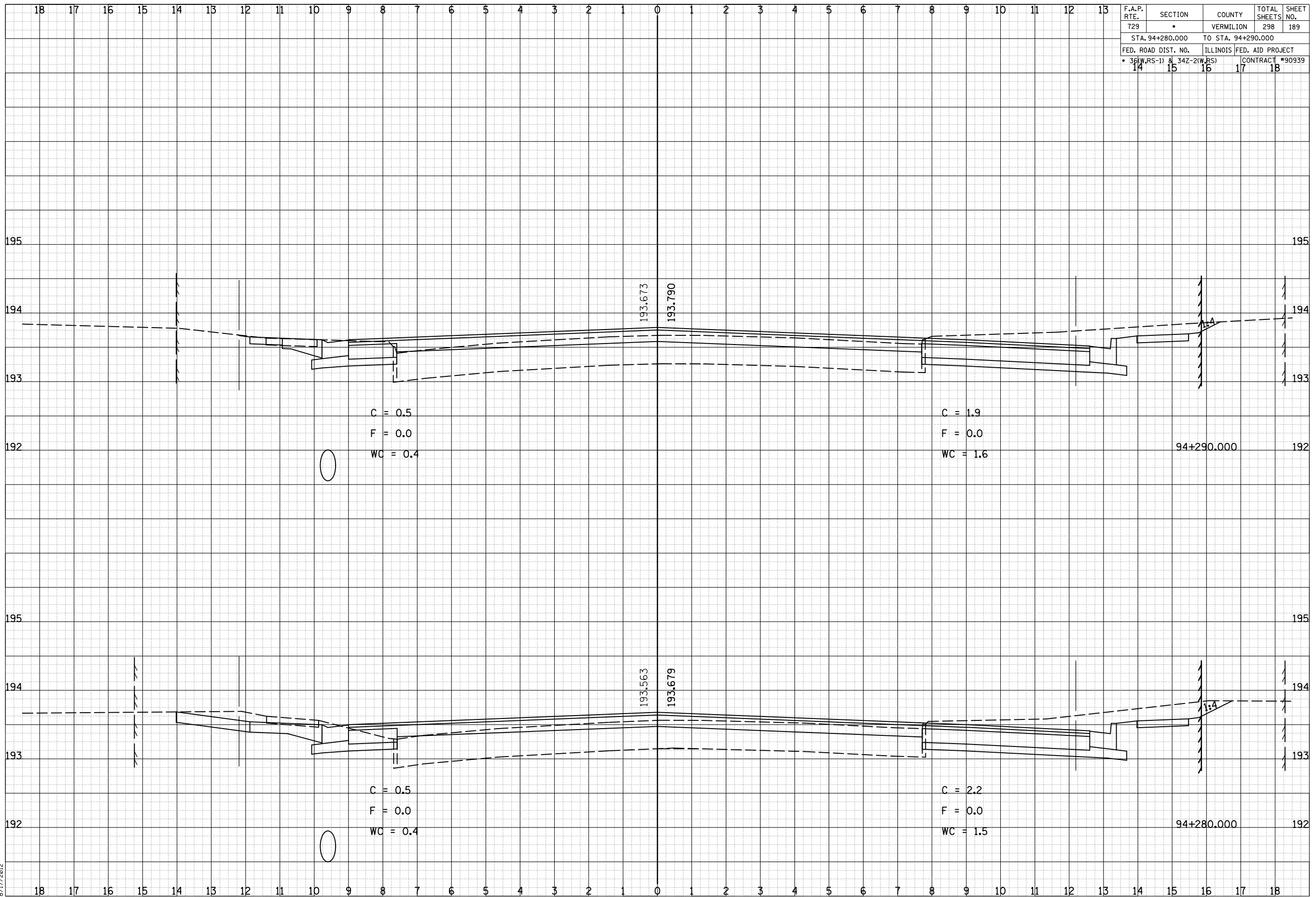
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BY	DATE

ORIG SURVEY	SURVEYED	PLOTTED	DATE

8/17/2012

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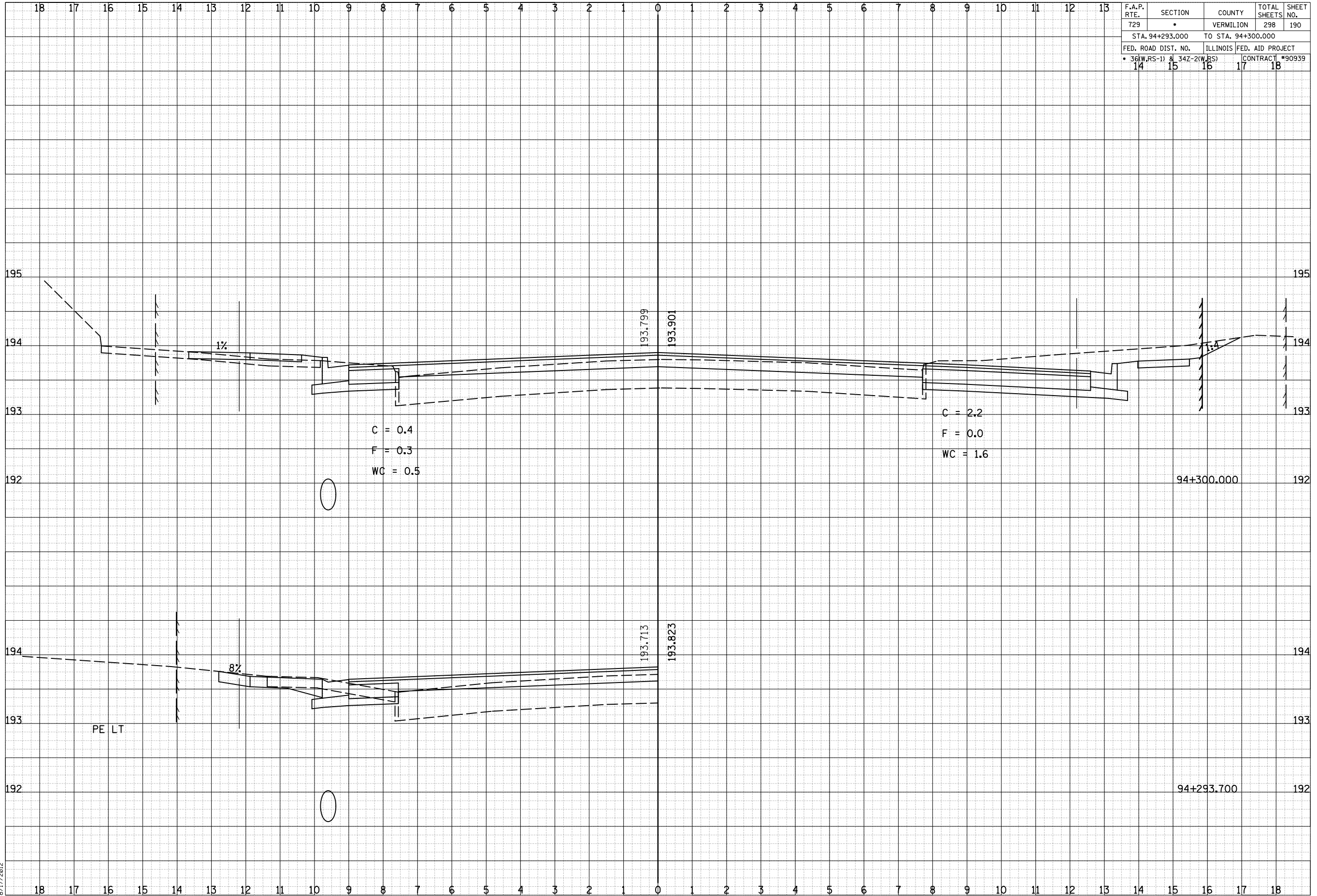
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	189
STA. 94+280.000 TO STA. 94+290.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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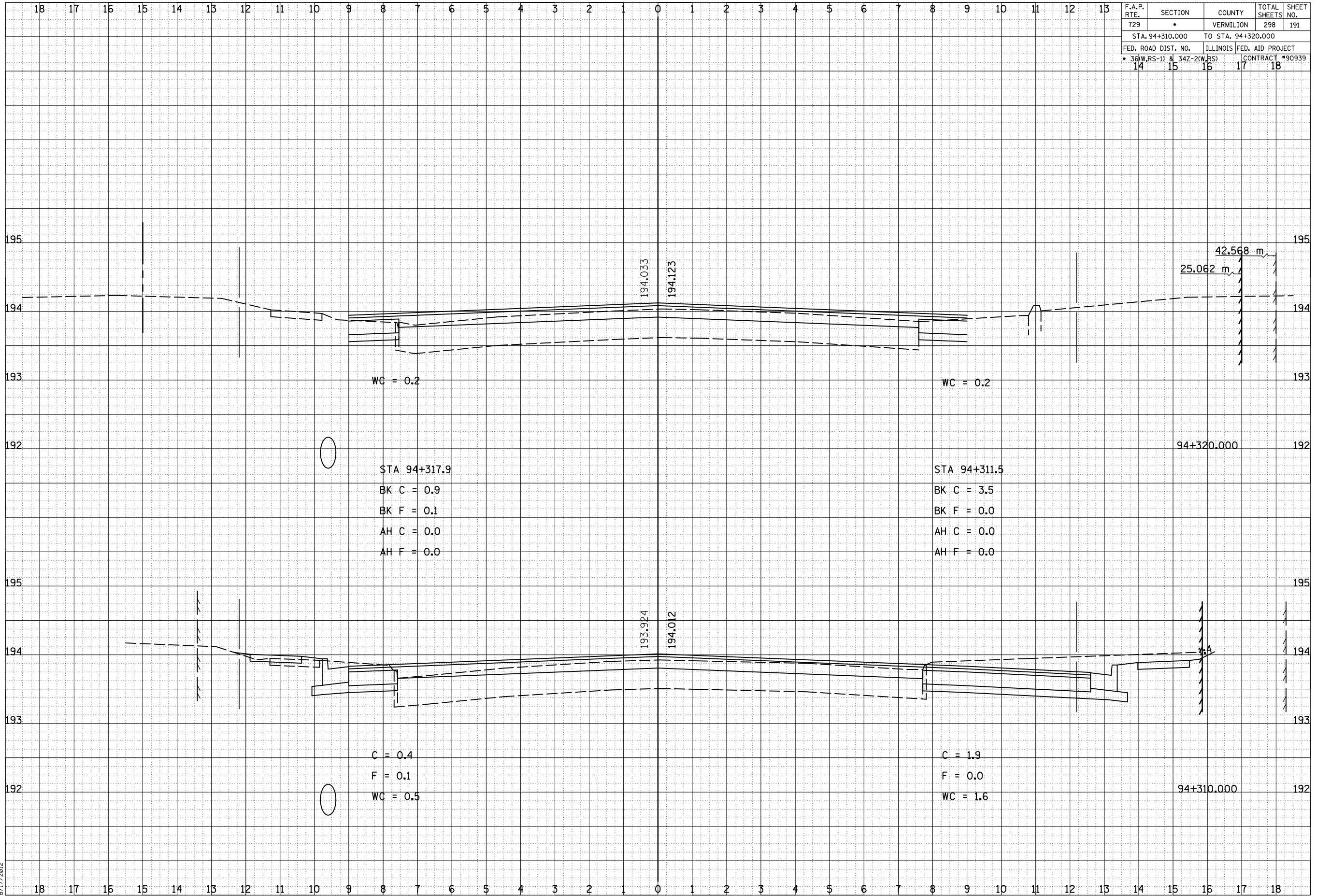
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	190
STA. 94+293.000 TO STA. 94+300.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

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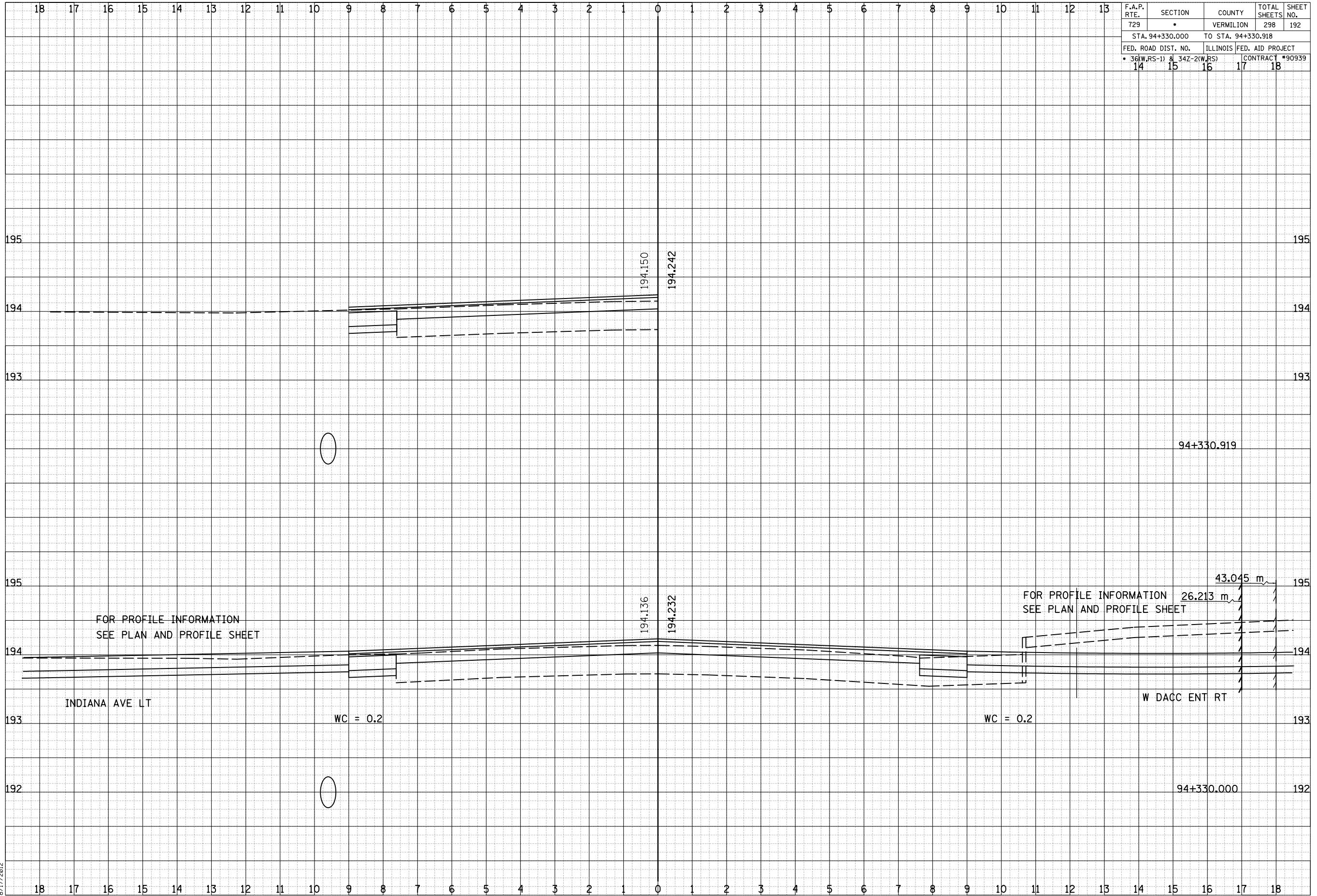
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	191
STA. 94+310.000 TO STA. 94+320.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* 36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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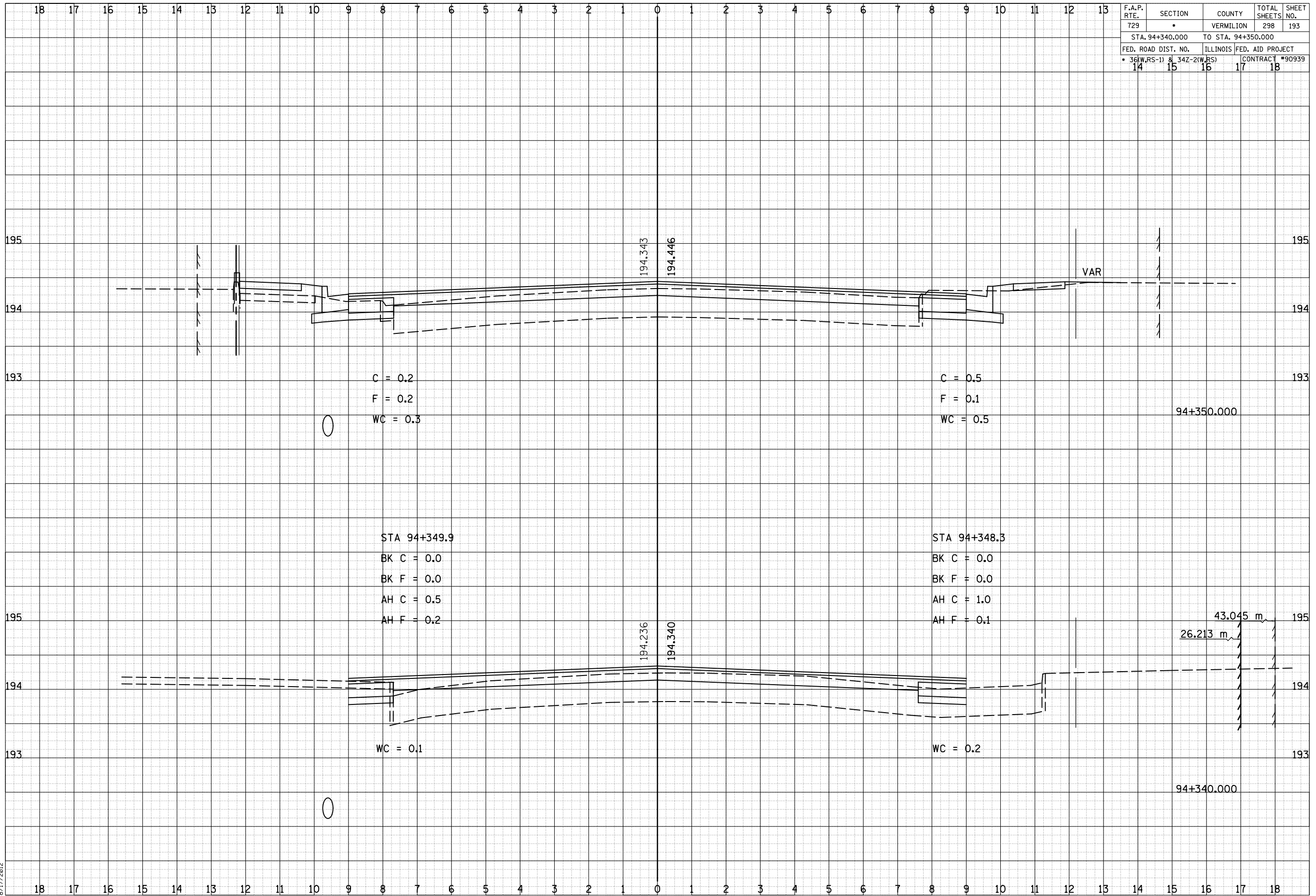
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	192
STA. 94+330.000 TO STA. 94+330.918				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY _____	DATE _____
FINAL SURVEY _____	SURVEYED _____
NOTE BOOK _____	PLOTTED _____
NO. _____	AREAS CHECKED _____

BY _____	DATE _____
ORIGINAL SURVEY _____	SURVEYED _____
NOTE BOOK _____	PLOTTED _____
NO. _____	AREAS CHECKED _____

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	193
STA. 94+340.000 TO STA. 94+350.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

BY	DATE

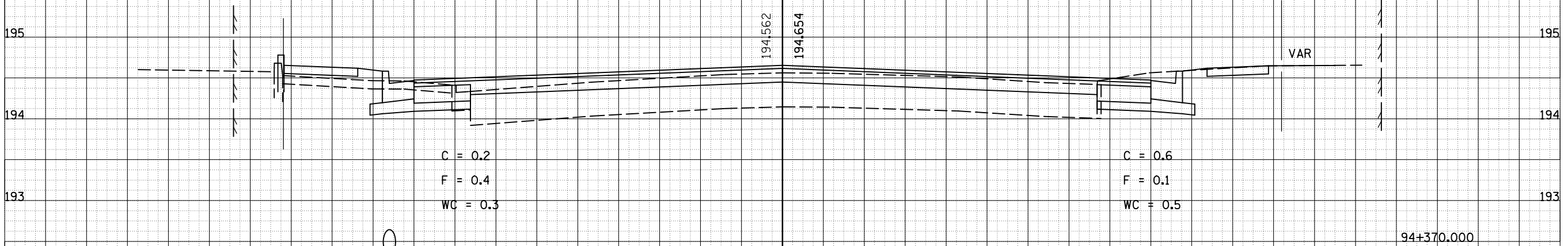
BY	DATE

8/17/2012

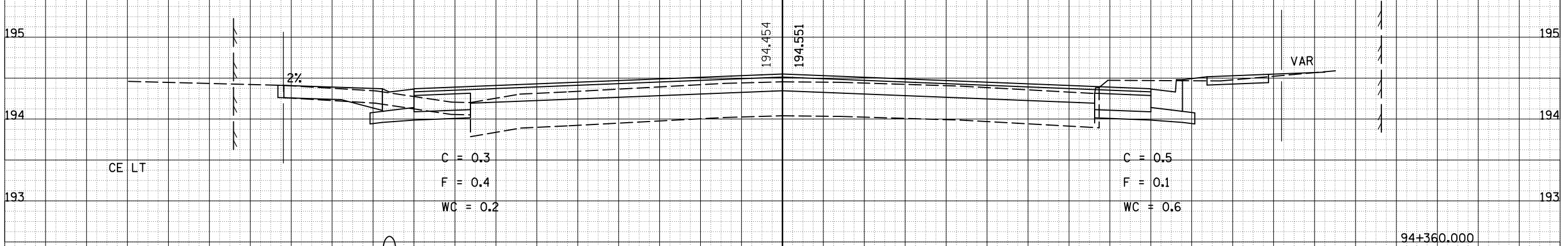
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18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13
																		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.									
																		729	*	VERMILION	298	194									
																		STA. 94+360.000 TO STA. 94+370.000													
																		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT												
																		14	15	16	17	18									

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS
	CHECKED



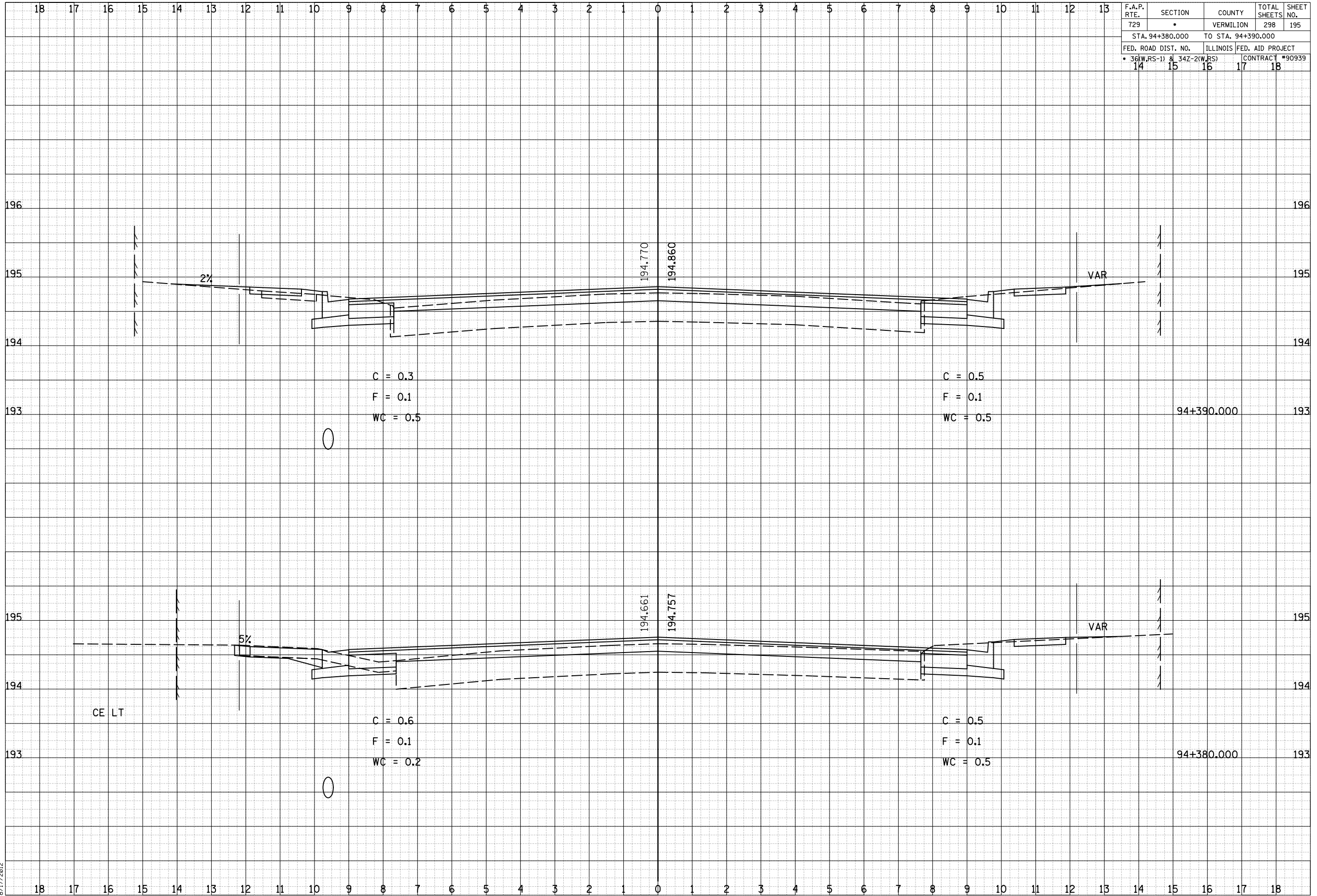
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS
	CHECKED



8/17/2012

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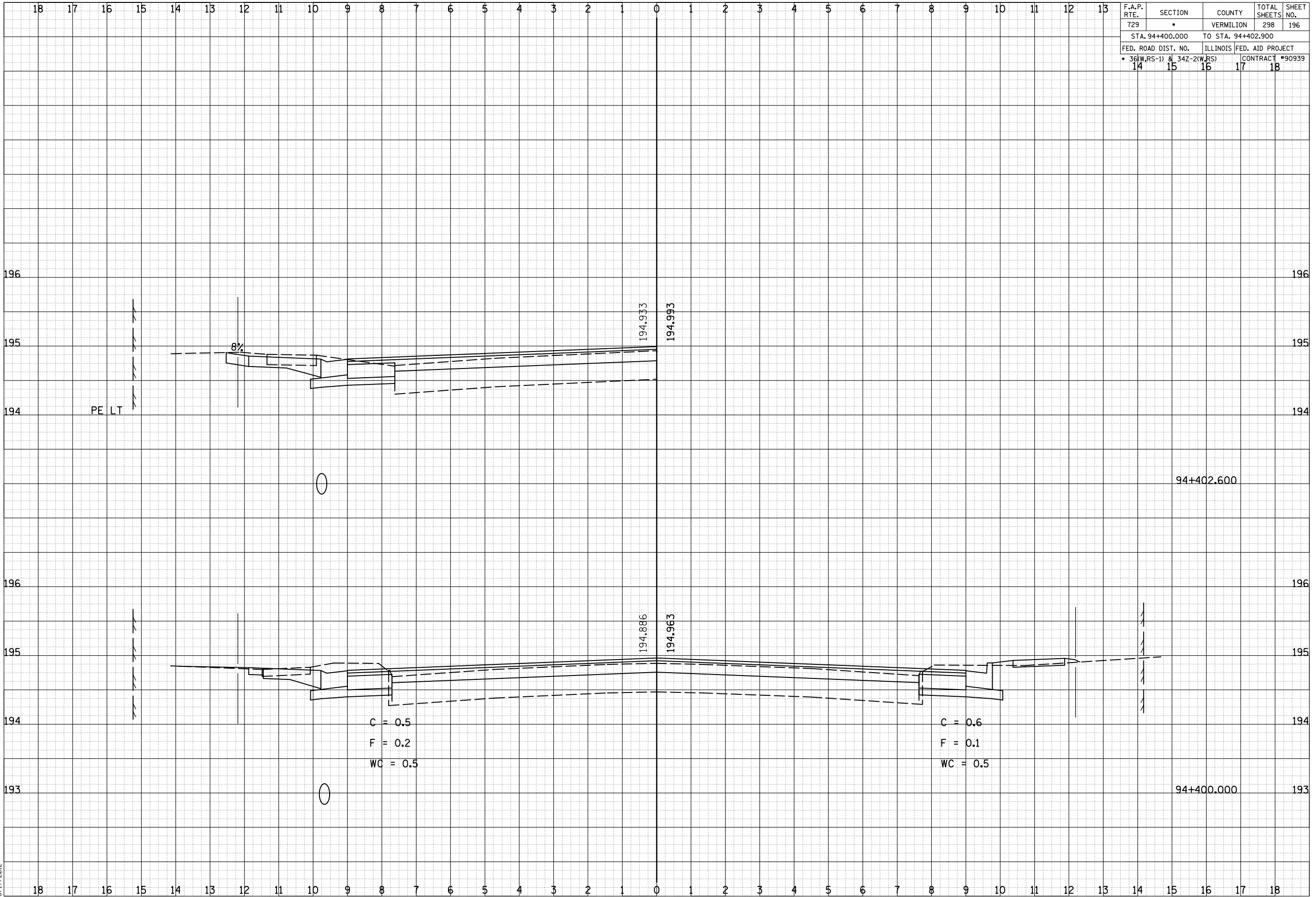
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	195
STA. 94+380.000 TO STA. 94+390.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

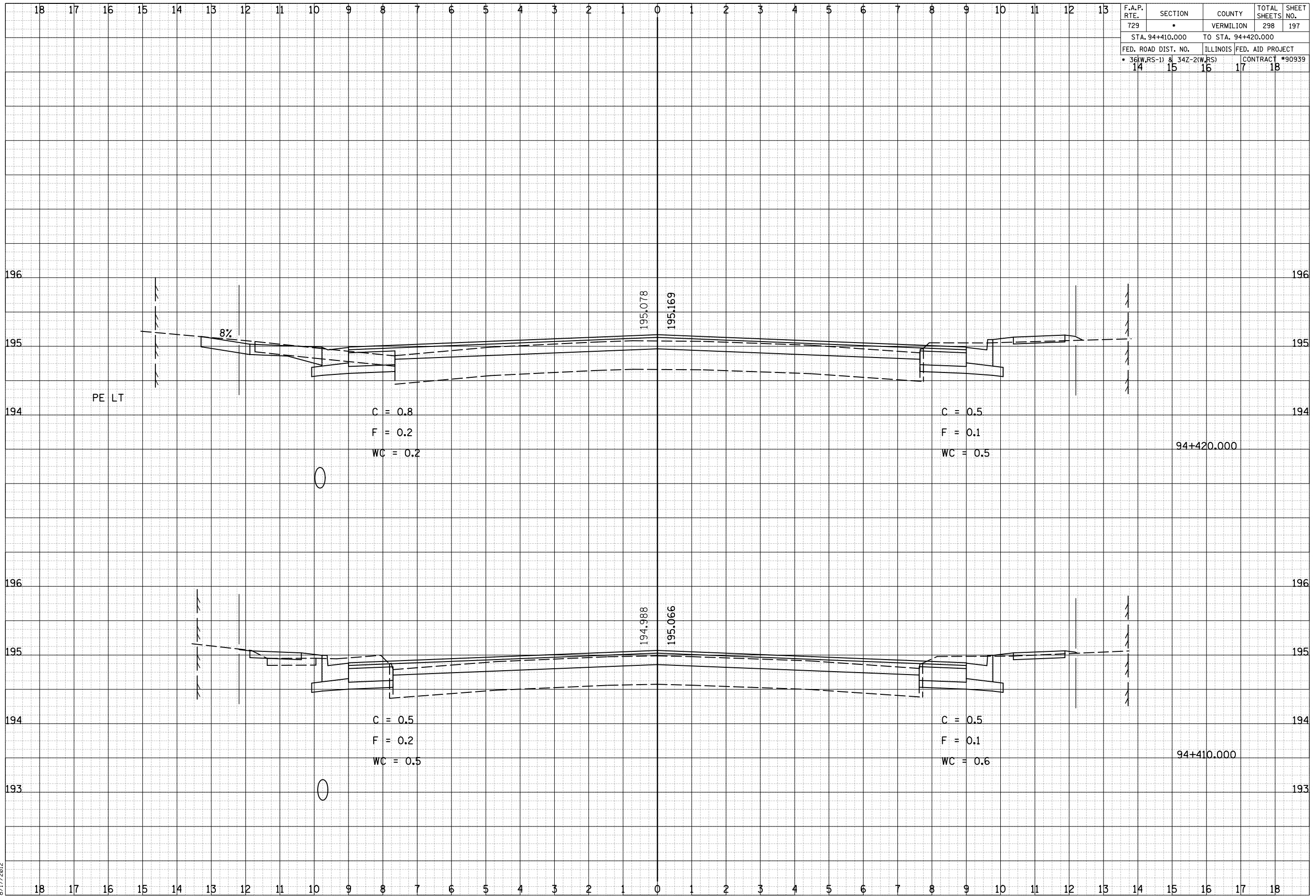
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	196
STA. 94+400.000 TO STA. 94+402.900				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



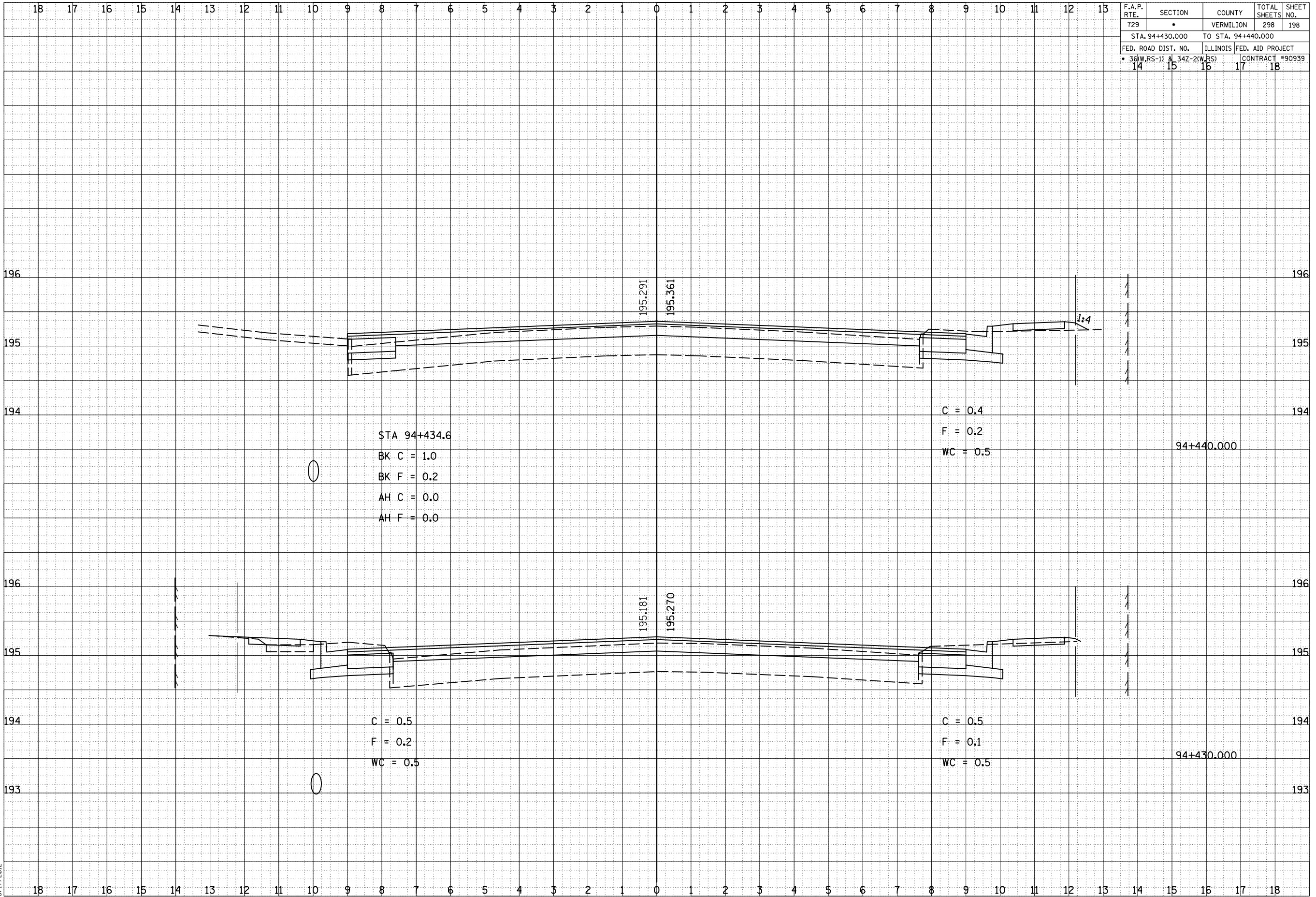
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	197
STA. 94+410.000 TO STA. 94+420.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT #	
36(W,RS-1) & 34Z-2(W,RS)	14	15	16	17
				18

BY	DATE
FINIAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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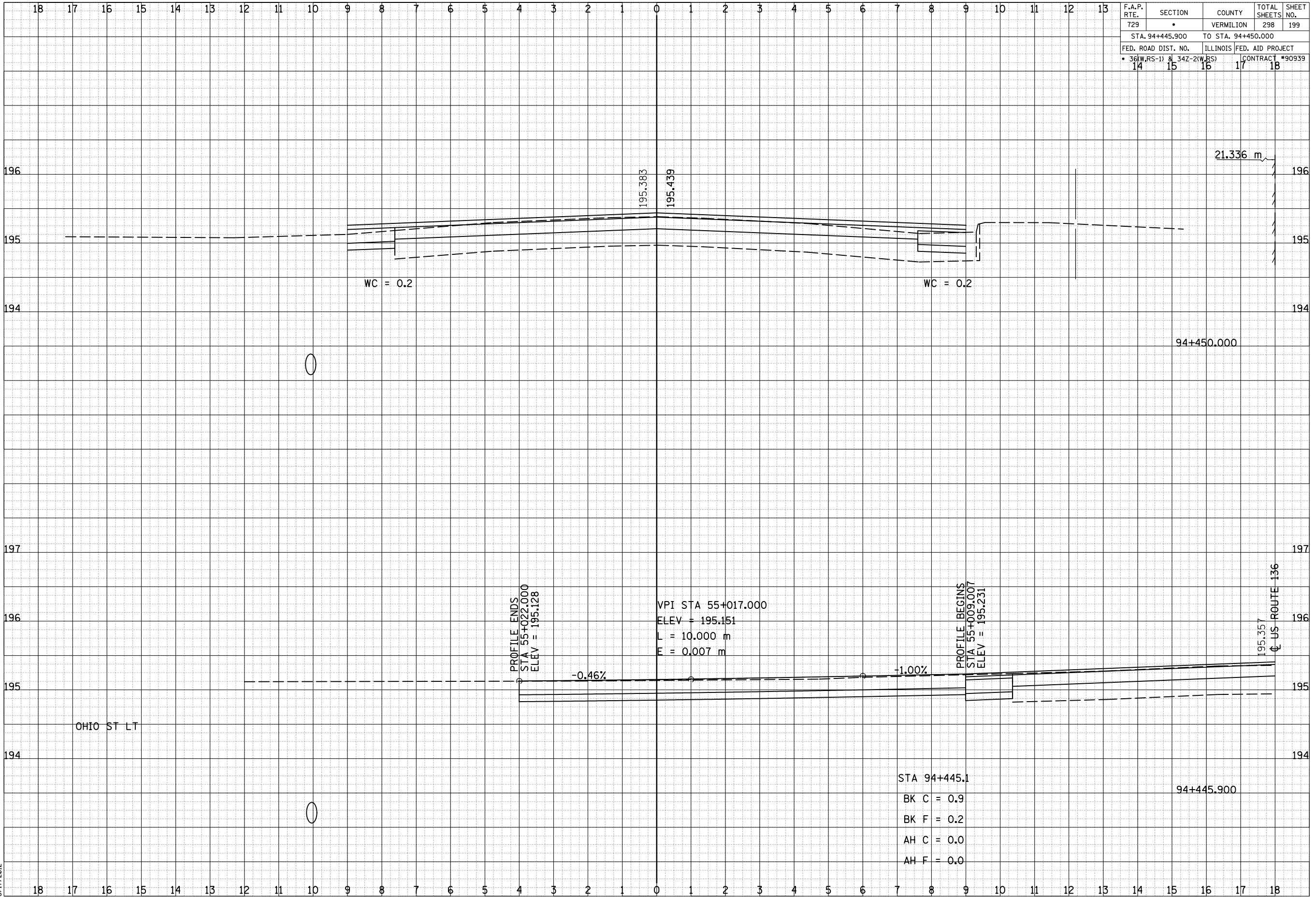
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	198
STA. 94+430.000		TO STA. 94+440.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

BY	DATE
ORIGINAL SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

8/17/2012

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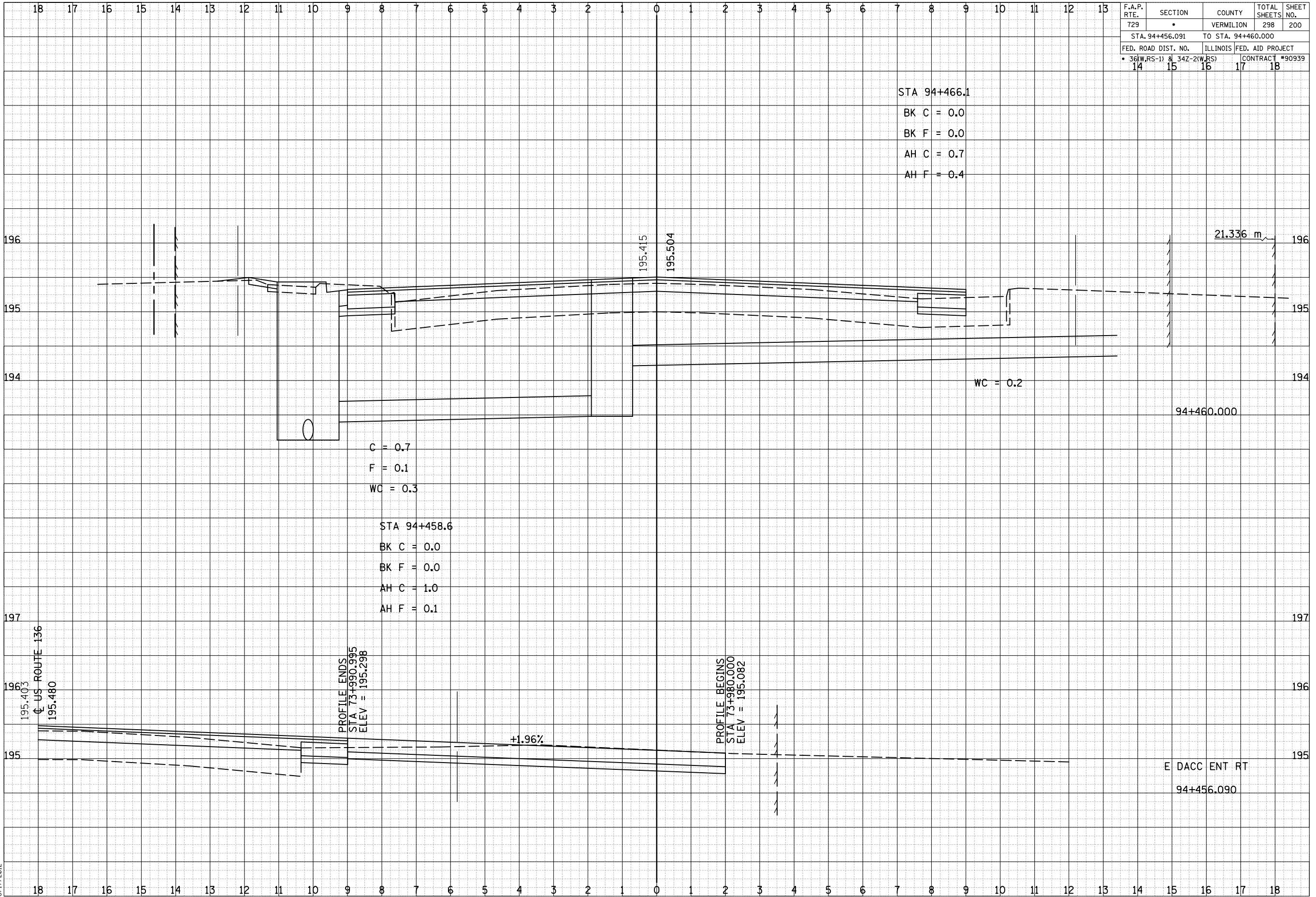
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	199
STA. 94+445.900		TO STA. 94+450.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* 36(W,RS-1) & 34Z-2(W,RS)	CONTRACT #90939			
14	15	16	17	18

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

8/17/2012

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	*	VERMILION	298	200
STA. 94+456.091 TO STA. 94+460.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
36(W,RS-1) & 34Z-2(W,RS)	14 15 16 17 18	CONTRACT #90939		

STA 94+466.1
BK C = 0.0
BK F = 0.0
AH C = 0.7
AH F = 0.4

C = 0.7
F = 0.1
WC = 0.3

STA 94+458.6
BK C = 0.0
BK F = 0.0
AH C = 1.0
AH F = 0.1

PROFILE ENDS
STA 73+990.995
ELEV = 195.298

PROFILE BEGINS
STA 73+980.000
ELEV = 195.082

BY	DATE

BY	DATE

8/17/2012

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