BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS SECTION COUNTY TOTAL SHEET NO 133,134 RS-4, 135 RS-5 MONROE/ ST. CLAIR 762 201 STA. 195+00 POB 8308036-CONTRACT NO.: 76408 & 76A47 SET RE-BAR W/CAP NE CORNER NE 1/4 SEC 24\ DOC NO. A01999156 -POB 8308048 POB 83080357 R-98-008-03 POC 8308048
POC 83 496.11 LEGEND 200+00 149.00 QUARTER SECTION 8308047 8308035 8308036 8 8308037 S00°06′14"W 87.12 CORNER 8308288 BK.2869/PG.1712 8308048 SEE SHEET 12 SEE SHEET 10 POB 8308047 8308045B DOC. NO. A02024219 BK.2841 PG.366 BK.3446/PG.86 DOC, NO, A02024219 EXISTING CENTERLINE EXISTING CENTERLINE

EXISTING RIGHT OF WAY LINE

EXISTING EASEMENT LINE SET RE-BAR W/CAP NW CORNER NW 1/4 SEC 19 DOC NO. A01999157 (480,00 -8308045A 298.00' (298.00') PROPOSED RIGHT OF WAY LINE

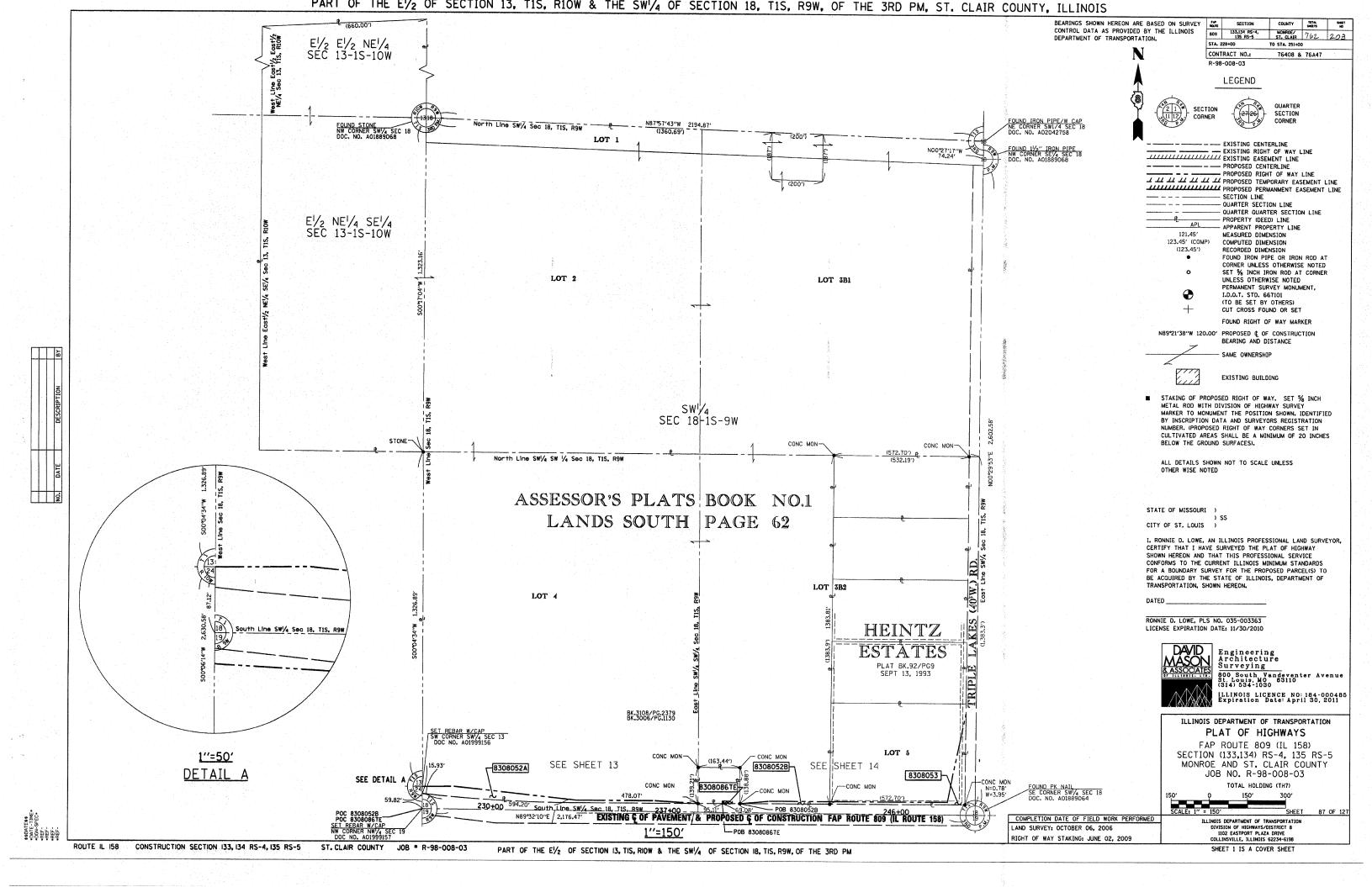
LILL LL LL LL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE -POB 8308045A BK.3508/PG.1958 BK.3508/PG.1982 - SECTION LINE - QUARTER SECTION LINE BK,2520/PG,483 - QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE TRACT 1 - APPARENT PROPERTY LINE 121.45 MEASURED DIMENSION PRIVATE ROAD 123,45' (COMP) COMPUTED DIMENSION (486,60') +/-(123.45') RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) 24, CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED © OF CONSTRUCTION BEARING AND DISTANCE TRACT 2 SAME OWNERSHIP (283.66*) EXISTING BUILDING EAST 100 AC NE¹/₄ SEC 24-1S-10W ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION (675") (694.81) NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). E1/2 E1/2 NW1/4 SEC 24-15-10W ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED Doc. No. A02053786 STATE OF MISSOURI) CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE (557.93') CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS TRACT 3 FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 DAVID Engineering Architecture Surveying (288') 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 South Line NE1/4 Sec 24, TIS, R10W MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 FOUND PIPE SW CORNER NE 1/4 SEC 24 (CENTER SEC 24) MON REC BK 1, PG 114-115 N88°49'50"W 2,577,64" TOTAL HOLDING (TH5) 150' 300' 1"=150" SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 MONROE/ST. CLAIR COUNTY JOB . R-98-008-03 EI/2 OF THE EI/2 OF THE NWI/4 AND THE NEI/4 OF SECTION 24, TIS, RIOW, OF THE 3RD PM ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 SHEET 1 IS A COVER SHEET

E/2 OF THE E/2 OF THE NW/4 AND THE NE/4 OF SECTION 24, TIS, RIOW, OF THE 3RD PM, ST.CLAIR COUNTY, ILLINOIS

SOUTE 809 BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION SET REBAR W/CAP NW CORNER NW/4 SEC 19 DOC NO. A01999157 CONTROL DATA AS PROVIDED BY THE ILLINOIS MONROE/ ST. CLAIR 762 202 133,134 RS-4. N8932/10"E 2,176.47" EXISTING & OF POAVEMENT & PROPOSED & OF CONSTRUCTION 249+00 FAP ROUTE 809 (IL ROUTE 158) TO STA. 251+00 FAP ROUTE 809 (IL ROUTE 158) CONTRACT NO.: 76408 & 76A47 R-98-008-03 SEE SHEET/13 LEGEND 8308054A SEE SHEET 14 PARCEL 2 8308080 BK.3223/PG.1936 QUARTER SECTION DOC. NO. A02016888 SECTION (722.89') - EXISTING CENTERLINE - - EXISTING RIGHT OF WAY LINE 8308054B THE EXISTING EASEMENT LINE ----PROPOSED CENTERLINE PROPOSED TEMPERATE EASEMENT LINE

LILLIAN PROPOSED PERMANMENT EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE LOT 7 (14.25 AC.) - SECTION LINE
- QUARTER SECTION LINE QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE APL 121.45" MEASURED DIMENSION BOHLEYSVILLE 123.45' (COMP) COMPUTED DIMENSION (123.45') RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
SET % INCH IRON ROD AT CORNER
UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, SEE SHEET TH9 I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
CUT CROSS FOUND OR SET (9 CH.) FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE LOT 8 (65.75 AC.) SAME OWNERSHIP EXISTING BUILDING PARCEL 1 STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES NW 1/4 BELOW THE GROUND SURFACES). SEC 19-1S-9W ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED STATE OF MISSOURI CITY OF ST. LOUIS ASSESSOR'S/PLATS BOOK NO.1 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY LANDS/SOUTH PAGE 62 SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS
FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED ___ RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 Engineering Architecture Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 SET IRON PIN SE CORNER NW1/4 SEC 19 ILLINOIS LICENCE NO: 184-000488 Expiration Date: April 30, 2011 (16.55 CH.) N89°37′53″W 2,177.00′ South Line NW1/4 Sec 19, TIS. R9W ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) 1"=150" SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH6) SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION LAND SURVEY: OCTOBER 06, 2006 DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 THE NW/4 OF SECTION 19, TIS, R9W, OF THE 3RD PM SHEET 1 IS A COVER SHEET

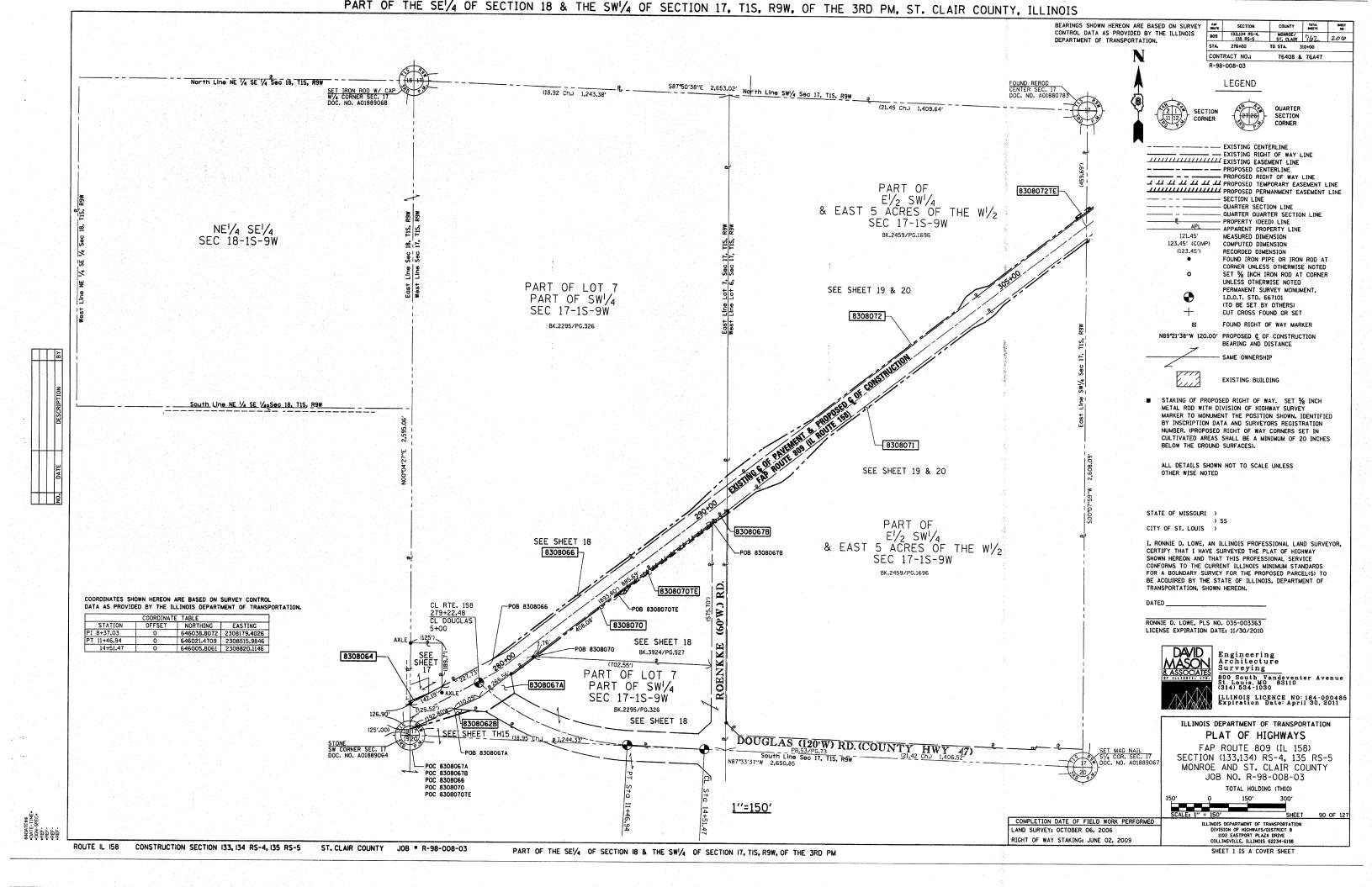
THE MAY OF SECTION 13. (12, KAM, OF THE SKO PM, 21. CLAIR COUNTY, ILLINOIS

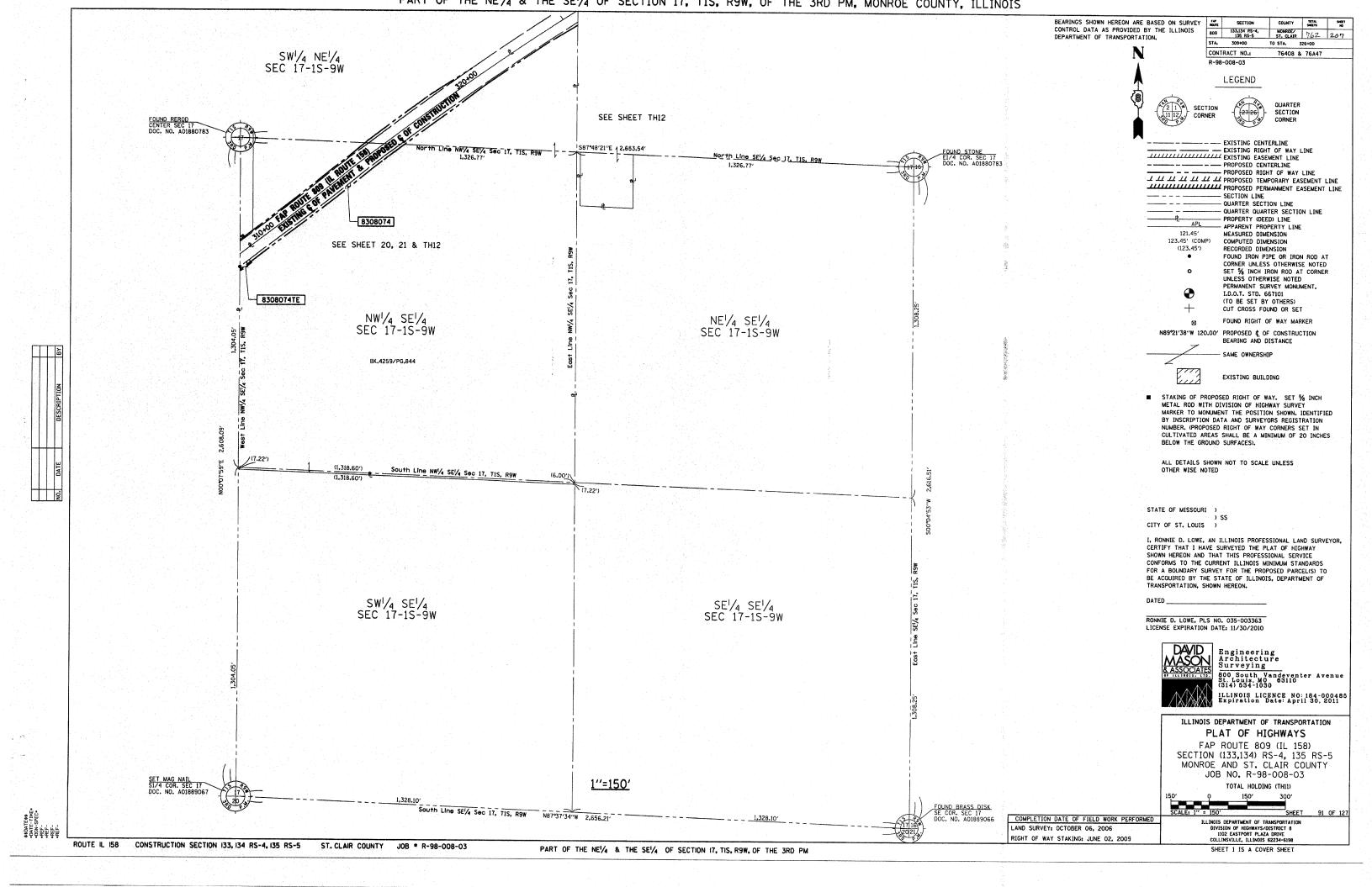


THE SEV4 OF SECTION 18, TIS, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS FAP SECTION
809 133,134 RS-4,
135 RS-5 BEARINGS SHOWN HEREON ARE BASED ON SURVEY COUNTY MONROE/ ST. CLAIR 762 264 CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. STA. 250+00 TO STA. 276+00 CONTRACT NO.: 76408 & 76A47 FOUND 11/2" IRON PIPE NW CORNER SE1/4 SEC 18 DOC. NO. A01889068 R-98-008-03 North Line SE'/4 Sec 18, T15, R9W SET IRON ROD W/CAP "ILPS 2973" NE CORNER SE'4 SEC 18 DOC. NO. A01889068 LEGEND 1.317.84 589°46'46"E 2,633.63" SECTION SECTION CORNER CORNER EXISTING CENTERLINE - EXISTING RIGHT OF WAY LINE -////// EXISTING EASEMENT LINE PROPOSED CENTERLINE
PROPOSED MENT LINE
PROPOSED MENT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE 121,451 MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION (123.45') RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET SEC 18-15-9W FOUND RIGHT OF WAY MARKER N89º21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP EXISTING BUILDING ■ STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED North Line SW/4 SE/4 Sec 18, TIS, R9W N89°50'34"W 1,321.67' North Line SE'/4 SE'/4 Sec 18, TIS, R9W p N89°50'34"W 1,321.59" (3271) BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER, (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). LOT 6 LOT 7 ALL DETAILS SHOWN NOT TO SCALE UNLESS 8 8 SW1/4 SE1/4 SEC 18-15-9W Sec SE1/4 SE1/4 STATE OF MISSOURI) LOT 5 SEC 18-1S-9W) SS CITY OF ST. LOUIS) I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY (300') PRAIRIE DU LONG SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF ESTATES LOT 4 (532') LOT TRANSPORTATION, SHOWN HEREON. PLAT BK.92/PG37 DATED ___ NOV 24, 1993 RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 LOT 3 PROBATE NO. 74P1822 BK-2960/PG-406 DOC. NO. A02058201 Engineering Architecture Surveying BK.3300/PG.879 8308087TE1 BK.3383/PG.1425 BK.2810/PG.1834 BK.3161/PG.380 DOC. NO. A01847256 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 LOT 1 SEE SHEET 15 **SEE SHEET 15 & 16** LOT 2 8308063 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 08 8308059TE 8308087TE2 -POB 8308059 8308056 8308057 -8308059 8308060 8308061 275+00 ILLINOIS DEPARTMENT OF TRANSPORTATION 269+00 99.07 South Line SE/4 Sec 18, TIS, R9W 1817 PLAT OF HIGHWAYS 251+00 260+00 p EXISTING & OF PAVEMENT, & PROPOSED & OF CONSTRUCTION FAP ROUTE 809 (IL ROUTE 158) \N89"56"29"W 2,652.89" FAP ROUTE 809 (IL 158) FOUND PK NAIL SW CORNER SE'/4 SEC 18 DOC. NO. A01889064 SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH8) 150' 300' 1"=150" SHEET COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB " R-98-008-03 THE SE'/4 OF SECTION IS, TIS, ROW, OF THE 3RD PM SHEET 1 IS A COVER SHEET

EARL OF THE MANA & THE NEW OF SECTION 13, 115, KAM, OF THE SKD PM, STECLAR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY FAP SECTION TOTAL SHEET NO COUNTY 809 133,134 RS-4, 135 RS-5 STA. 250+00 MONROE/ ST. CLAIR 762 205 CONTROL DATA AS PROVIDED BY THE ILLINOIS TO STA. 276+00 275+00 251+00 EXISTING & OF PAVEMENT, & PROPOSED & OF CONSTRUCTION FAP 262+0b North Line NE'/4 Sec 19, TIS, R9W ROUTE 809 /(IL ROUTE 158) 889*56'29"E \ 2,652.89" CONTRACT NO.: 76408 & 76A47 270+00 R-98-008-03 8308062A FOUND PK NAIL
SE CORNER SW/4 SEC 19
DOC. NO. A01889064 LEGEND POB 8308062A-8308055 8308058 QUARTER SECTION SECTION VEIT - EXISTING CENTERLINE EXISTING RIGHT OF WAY LINE HOMESITE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE PLAT BK.59/ PG.6 OCT. 6, 1964 BOHLEYSVILLE (30-W.) ROAD SEE SHEET TH15 FOR TOTAL HOLDING - SECTION LINE - QUARTER SECTION LINE BK.1865/PG.179 QUARTER QUARTER SECTION LINE SEE SHEET 15 SEE SHEET 15 & 16 LOT 1 - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE BK.3842/PG.915 BK.2984/PG.2266 (29¾AC.) 121.45' MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION LOT 2A NE 1/4 SEC 19-15-9W BEARING AND DISTANCE (31.80 AC.) SAME OWNERSHIP EXISTING BUILDING (12.25 Ch) STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN LOT 3A CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). (6.25 AC.) LOT 2 ALL DETAILS SHOWN NOT TO SCALE UNLESS (18.46 Ch) OTHER WISE NOTED STATE OF MISSOURI) ASSESSOR'S PLATS BOOK NO.1) SS CITY OF ST. LOUIS LANDS SOUTH PAGE 62 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR. CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED ___ RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 LOT 3B ASSOCIATES

Engineering
Architecture
Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 (3.492.46') ILLINOIS DEPARTMENT OF TRANSPORTATION (13.25 Ch.) South Line N1/2 Sec 19, T15, R9W PLAT OF HIGHWAYS N89°37'53"W 2,645,01" FAP ROUTE 809 (IL 158) SET IRON PIN SW CORNER NE'/4 SEC 19 SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY 1"=150 JOB NO. R-98-008-03 TOTAL HOLDING (TH9) 150' SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION LAND SURVEY: OCTOBER 06, 2006 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 SHEET 1 IS A COVER SHEET PART OF THE NW1/4 & THE NE1/4 OF SECTION 19, TIS, R9W, OF THE 3RD PM





THE NWY4, THE SEY4 & THE NEY4 OF SECTION IT, ITS, ROW, OF THE 3RD PM, MONROE COUNTY, ILLINOIS North Line NW1/4 Sec 17, TIS, R9W # BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS COUNTY TOTAL SMEETS MONROE/ ST. CLAIR 762 208 133,134 RS-4, 135 RS-5 North Line NE'/4 Sec 17, TIS, R9W FOUND STONE BROKEN
OFF BELOW GRADE NE COR. SEC 17 809 309+00 TO STA. 342+00 \$8691'30"E 2,645.68' CONTRACT NO.: 76408 & 76A47 R-98-008-03 (1,323.27') 1,322.84' LEGEND SECTION SECTION CORNER POC 8308078TE---EXISTING CENTERLINE - EXISTING RIGHT OF WAY LINE ////// EXISTING EASEMENT LINE PROPOSED CENTERLINE
PROPOSED CENTERLINE
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE (423.33') BK.3271/PG.1238 - SECTION LINE
- QUARTER SECTION LINE (308.00") QUARTER QUARTER SECTION LINE NW1/4 NE1/4 - PROPERTY (DEED) LINE NE1/4 NE1/4 APPARENT PROPERTY LINE SEC 17-1S-9W 121.451 MEASURED DIMENSION COMPUTED DIMENSION SEC 17-1S-9W 123.45' (COMP) (123.45') RECORDED DIMENSION BK.3091/ FOUND IRON PIPE OR IRON ROD AT PG.1532 CORNER UNLESS OTHERWISE NOTED (248.49') SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED \$50.00'1 (85'1) \$=0.00' \$50.00'1 (85'1) \$=0.00' \$1.18' (80'1) (85'1) \$=0.00' \$1.18' PERMANENT SURVEY MONUMENT, BK.2770/PG.2298 (TO BE SET BY OTHERS) PART OF E1/2 NE1/4 SEC 17-15-9W CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION SEE SHEET 22 & 23

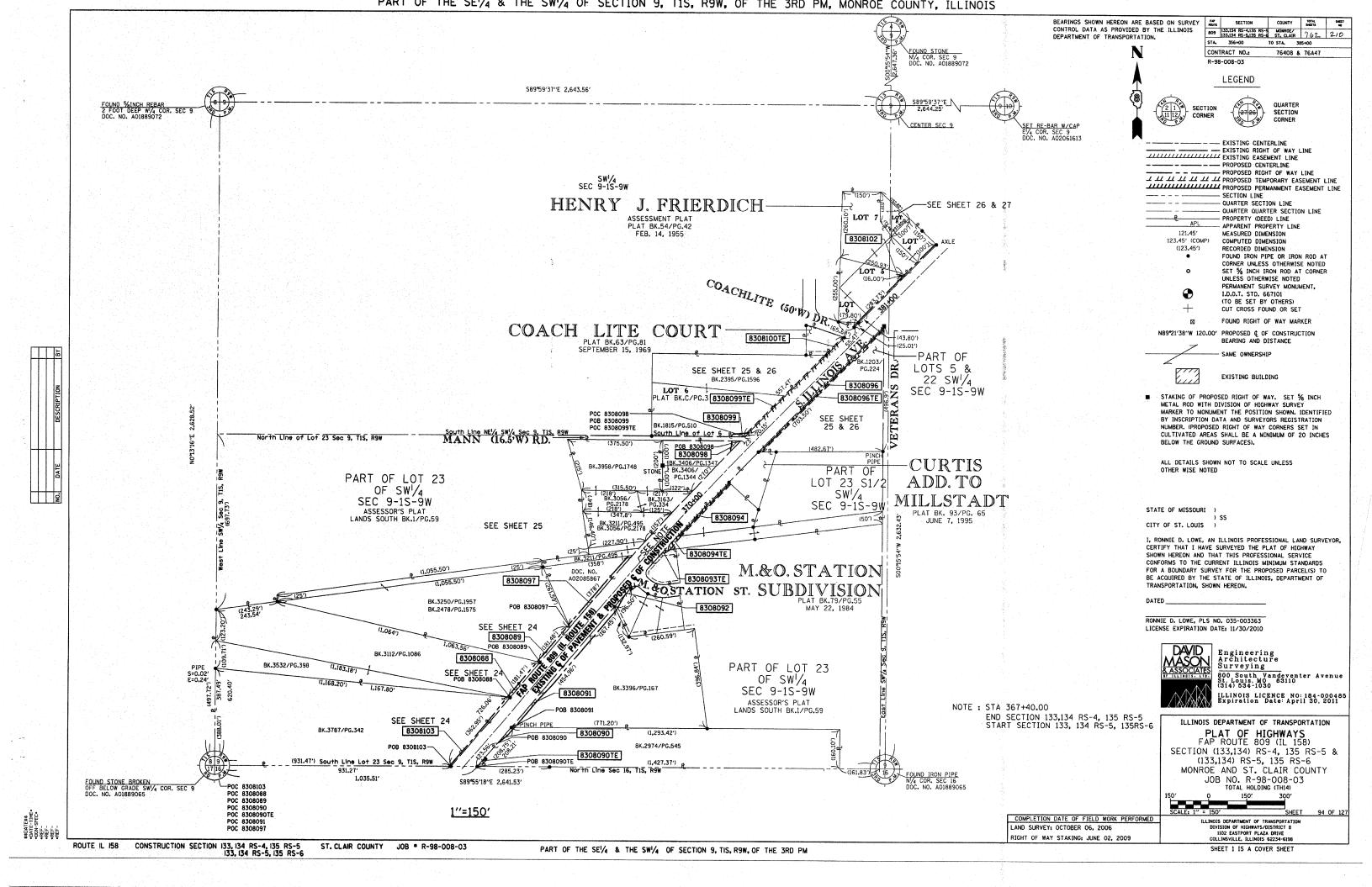
BK.2951/PCS.64&68

POB 8308078TE BEARING AND DISTANCE DOC. NO. A02045839 BK.3091/PG.1532 SAME OWNERSHIP 8308078TE SEE SHEET 23 North Line SW/4 NE/4 Sec 17, TIS, R9W ---POB 8308078TE-2 g (308.00') (246.00') EXISTING BUILDING 8308077TE-2 South Line NE'/4 NE'/4 Sec 17, TIS. R9 (647.66') (813.00') STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY BK.3091/PG.1525 E1/2 NW1/4 SEC 17-15-9W BK.3064/ SEE SHEET 22 MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED PG.2372 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION PG.1522 NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN East Line SW/A NE/A Sec 17, 715, R9W West Line SE/A NE/A Sec 17, 715, R9W CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES 8308077TE-3 POB 8308077TE-ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED William & PROPOSED FOR CONSTRUCTION NO. SW1/4 NE1/4 STATE OF MISSOURI 8308084 SEC 17-15-9W CITY OF ST. LOUIS) SE1/4 NE1/4 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR. SEC 17-1S-9W BK.4259/PG.836 CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY POB 8308077TE-1-SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE SEE SHEET 20 & 21 CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED_ DOC. NO. 401944525 BK.3445/ PG.1191 8308075TE RONNIE D. LOWE, PLS NO. 035-003363 SEE SHEET TH13 FOR TOTAL HOLDING -POB 8308075 -POB 8308075TE Engineering Architecture Surveying 8308073 BK.2733/PG.316 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 SEE SHEET 22 8308074 BK.2583/PG.468 South Line NW/4 Sec 17, TIS, R9W ILLINOIS LICENCE NO: 184-000488 Expiration Date: April 30, 2011 SEE SHEET THII 1,326.77 (626,004) ILLINOIS DEPARTMENT OF TRANSPORTATION (208.71') N87°48'21"W 2,653.54" PLAT OF HIGHWAYS 8308289TE POC 8308077TE-1-POC 8308077TE-3 8308289 FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY POC 8308075TE-POC 8308075 POC 8308076 JOB NO. R-98-008-03 TOTAL HOLDING (TH12) 1"=150" 300' SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION 8308074TE DIVISION OF HICHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF THE NW1/4, THE SE1/4 & THE NE1/4 OF SECTION IT, TIS, R9W, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF THE NEW OF SECTION IT & THE NW/4 OF SECTION 16, TIS, R9W, OF THE 3RD PM, MONROE COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY
CONTROL DATA AS PROVIDED BY THE ILLINOIS

809 133.134 RS-4.
135 RS-5 MONROE/ ST. CLAIR 762 209 STA. 331+00 CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND \$89°55′18″E_2,641.53′ (285.23′) North Line Sec 16, T15, R9W 1,035,51' FOUND STONE BROKEN
OFF BELOW GRADE NW/4 COR. SEC 17
DOC. NO. A01889065 931.27 QUARTER SECTION CORNER 8308081 DOC. NO. A02084950 PART OF LOT 16 SEC 16-1S-9W BK.3001/PG.1195 DOC. NO. A02084951 (WEST 9 AC.) (OF LOT 16) POC 8308079TE----POC 8308081 POC 8308082TE PROPOSED RIGHT OF WAY LINE

LILL LL LL LL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE DOC. NO. A02084951 8308082TE (650.871) - SECTION LINE N=0.00' E=0.15' - SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE -POB 8308079TE POB 8308082TE BK.3054/PG.1866 - APPARENT PROPERTY LINE MEASURED DIMENSION 8308079TE 121.45 123.45' (COMP) (123.45') COMPUTED DIMENSION DOC. NO. A02084950 RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER NW¹/₄ NW¹/₄ SEC 16-1S-9W UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT. I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
CUT CROSS FOUND OR SET × FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED € OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP EXISTING BUILDING ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN South Line NW1/4 NW1/4 Sec 16, T15, R9W North Line SW1/4 NW1/4 Sec 16, T15, R9W NW1/4 CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). SEC 16-15-9W ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED STATE OF MISSOURI CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, 8308084 CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE SE¹/₄ NE¹/₄ SEC 17-1S-9W CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. SW1/4 NW1/4 SEC 16-15-9W DATED_ RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 DOC. NO. A01944525 DAVID
ASON
ASSOCIATES
ASSOCIATES
BOOK South Yang 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY South Line SW1/4 NW1/4 Sec 16, T1S, R9W N89°52′53′′W 2,649.61′ JOB NO. R-98-008-03 TOTAL HOLDING (TH13) 1"=150" SHEET COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009. ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 SHEET 1 IS A COVER SHEET PART OF THE NE'/4 OF SECTION 17 & THE NW'/4 OF SECTION 16, TIS, R9W, OF THE 3RD PM



PART OF THE NEW OF SECTION 19, PART OF THE SW/4 OF SECTION 17, AND PART OF THE NW/4 OF SECTION 20, TIS, ROW, OF THE 3RD PM, ST.CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY OF SECTION COUNTY SERVE OF ST. CLAR 1/62 211 SW 1/4 SEC 17-15-9W CONTRACT NO.: OF SEC.

OF NOT HWY RD

RESOUTH Line SW/4 Sec 17, TIS, R9W

North Line NW/4 Sec 20, TIS, R9W 76408 & 76A47 R-98-008-03 EXISTING & OF PAVEMENT, & PROPOSED & OF CONSTRUCTION FAP ROUTE 809 (IL ROUTE 158) 275+00 LEGEND PART OF QUARTER SECTION SECTION CORNER -8308062B 8308062A - EXISTING CENTERLINE EXISTING RIGHT OF WAY LINE --- PROPOSED CENTERLINE PROPOSED RIGHT OF WAY LINE

LILL LL LL LL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE P APL — PROPERTY (DEED) LINE
— APPARENT PROPERTY LINE **SEE SHEET 16 & 17** BK.1865/PG.179 MEASURED DIMENSION COMPUTED DIMENSION 121.45' 123.45' (COMP) (123.45') RECORDED DIMENSION LOT 1 FOUND IRON PIPE OR IRON ROD AT PART OF LOT 2 (293/4AC.) CORNER UNLESS OTHERWISE NOTED 0 SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 $NW^{1}/_{4}$ (TO BE SET BY OTHERS) NE 1/4 SEC 19-1S-9W CUT CROSS FOUND OR SET SEC 20-1S-9W FOUND RIGHT OF WAY MARKER Ø N89°21'38"W 120,00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE 20, SAME OWNERSHIP EXISTING BUILDING STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN (12.25 Ch) CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED STATE OF MISSOURI) SS CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, CEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED ___ RONNIE D. LOWE, PLS NO. 035-003363 ASSOCIATES

Engineering
Architecture
Surveying 1"=150" 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH15) 150' 300 SHEET COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF THE NEW OF SECTION 19, PART OF THE SWY OF SECTION 17, AND PART OF THE NWW OF SECTION 20, TIS, ROW, OF THE 3RD PM SHEET 1 IS A COVER SHEET

FART OF THE NE'/4 OF SECTION 10, & NW'/4 OF SECTION 11 T1S, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY MOUTE SECTION COUNTY TOTAL SHEETS N89°48'57"E 2,650.13" CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. 809 133,134 RS-5, 135 RS-6 MONROE/ ST. CLAIR 762 212 North Line NE1/4 Sec 10, T15, R9W (9,95 CH.) (9.95 CH.) FOUND DISTURBED PIPE NE COR. SEC 10 DOC. NO. A01875047 CONTRACT NO.: 76408 & 76A47 R-98-008-03 1ST ADD. TO LEGEND BUFFWOOD SUBD. LOT 1 LOT 2 LOT 3 LAT BK.92/PG.86 JULY 20, 1994 SECTION CORNER LOT 5 PROPOSED RIGHT OF WAY LINE

LILL LILL LILL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE BK.4135/PG.1254 LOT 15 BK.4112/PG.543 - SECTION LINE - QUARTER SECTION LINE JOHN H. LACEY'S QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE LOT 4 APPARENT PROPERTY LINE SUBDIVISION BK.4142/PG.1143 121.45' MEASURED DIMENSION LOT 3 123.45' (COMP) COMPUTED DIMENSION PLAT BK.A/PG.150 (123,45') RECORDED DIMENSION BK.4137/ FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER CARRIE HILL UNLESS OTHERWISE NOTED SUBD PERMANENT SURVEY MONUMENT. LOT 6 LOT 5 LOT 4 I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
CUT CROSS FOUND OR SET LOT 1 BK.3687/PG.1570 8308119 FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP 8308114 (9.971/2 CH. 1 (9.95 CH.) (5.90 CH. (14,10 CH,) EXISTING BUILDING LOT 7 LOT 8 LOT 9 8308112 STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED 8308106 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN POB 8308109TE-CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). (365.70') POB 8308113 450+00 (45.77') \44.72' ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED 8308110 BK.3085/PG.1664 8308111 WEBER POB 8308110 TRAIL (30.85′) 30.87′ (328.08') 8308286TE-2 POB 8308108TE DOCUMENT NO. STATE OF MISSOURI 8308105 POB 8308286TE-2 8308108TE (264.231) CITY OF ST. LOUIS /liPLAT BK.94. PG.34 8308286TE-1 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE PART OF LOT POB 8308286TE-1 8308109TE 8308107 (270.52') 940+00 STONE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BRIDGE BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. -POB 8308107 PLAT BK.105/PG.6&7 BK.3459/PG.692 LOT 10 LOT 11 LOT 9 PLAT BK.C/PG.3 LOT 10 E RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 JOHN H. LACEY'S BK.3872/PG.1028 Engineering Architecture Surveying SUBDIVISION PLAT BK.A/PG.150 800 South Vendeventer Avenue St. Louis, MO 63110 (314) 534-1030 1,593.90 p (268.01') — South Line NE' Sec 10, T1S, R9W (655.45') 655.32' ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 S89°46'07"E 2,652,54" ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS - POC 8308108TE-1 FAP ROUTE 809 (IL 158) POC 8308105 POC 8308106 POC 8308107 POC 8308108TE-2 POC 8308108TE-3 SECTION (133,134) RS-5, 135 RS-6 1"=150" MONROE AND ST. CLAIR COUNTY POC 8308109TF JOB NO. R-98-008-03 POC 8308111 POC 8308113 TOTAL HOLDING (TH16) SHEET COMPLETION DATE OF FIELD WORK PERFORMEN ILLINOIS DEPARTMENT OF TRANSPORTATION LAND SURVEY: OCTOBER 06, 2006 (1,320.59') 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COMNAY - JOB - R-98-008-03 / OF PART OF THE NEI/4 OF SECTION IO, & NWI/4 OF SECTION ITTIS, ROW, OF MITHE SRD PM SHEET 1 IS A COVER SHEET

PART OF THE NEW SECTION 10, PART OF THE SW/4 SECTION 11, & PART OF THE NW/4 OF SECTION 11, TIS, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS 809 SECTION 809 133,134 RS-5, 135 RS-6 BEARINGS SHOWN HEREON ARE BASED ON SURVEY COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS MONROE/ ST. CLAIR 762 213 N89°37'55"W 2,663.59' CONTRACT NO.: 76408 & 76A47 North Line NW 4 Sec 11, T15, R9W 1.313.27 SURVEYORS RECORD R-98-008-03 SET IRON ROD AND CAP N/4 COR. SEC 11 DOC. NO. A01875047 POC 8308125 LEGEND POC 8308126 POC 8308280 POC 8308127 PART LOT 7B BK.3497/PG.2134 8308131 8308127 POC 8308128 POC 8308130 (50°W) SECTION CORNER 1ST ADD. TO POB 8308128 8308130 BUFFWOOD SUBD.

PLAT BK.92/PG.86
JULY 20, 1994 - EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE THE EXISTING EASEMENT LINE POB 830812 -POB 8308130 POB 8308125-POB 8308126 SEE SHEET TH19 FOR TOTAL HOLDING PROPOSED RIGHT OF WAY LINE

LLL LL LL LL PROPOSED TEMPORARY EASEMENT LINE SEE SHEET TH16 FOR 8308124 PROPOSED PERMANMENT EASEMENT LINE TOTAL HOLDING - SECTION LINE QUARTER SECTION LINE 8308126 - QUARTER QUARTER SECTION LINE (176.62')p *** - PROPERTY (DEED) I INF SPRING APPARENT PROPERTY LINE 121.45 MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT (123,45') NEI/4 NWI/4 CORNER UNLESS OTHERWISE NOTED SEC 11-1S-9W SET % INCH IRON ROD AT CORNER 8308122 UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT. (TO BE SET BY OTHERS) (652.08) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE DOC. NO. A01936502 POB 8308120-SAME OWNERSHIP BK.4240/PG.1943 DOC. NO. A02117258 LOT 1 EXISTING BUILDING (394.92') ROGER POB 8308117 -8308120 ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH LOT 2 WEBER\ POB 8308116 METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED PART OF LOTS 7B,7D & 7F SURVEYORS RECORD BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN SUBD. PLAT BK.97/PG.100 CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). 8308116 PART OF LOT 10 SURVEYORS RECORD DOC. NO. A01513005 SEE SHEET TH19 FOR "A-1"/PG.76 TOTAL HOLDING ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED -ROGER WEBER SUBD. BK.3955/PG.228 STATE OF MISSOURI PART OF LOTS 8A & 8B 1ST ADDITION SURVEYORS RECORD CITY OF ST. LOUIS PLAT BK.101/PG.94 DOC. NO. A01693490 "A-1"/PG-76 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE BK.3459/PG.690 NW1/4 CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO SEC 11-15-9W BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. (679.58') DATED DOC. NO. A01936502 BK.4240/PG.1943 RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 (3201) Engineering Architecture Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 SET RE-BAR W/CAP VITNESS CENTER OF SECTION 11 DOC. NO. A02061612 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 **494,91**′) (802,741) STONE South Line NW1/4 Sec 11, TIS, R9W (1,277.64') ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS N89°54'21"E 2.664.55 CENTER OF SECTION 11 FAP ROUTE 809 (IL 158) FALLS IN CREEK DOC. NO. A02061612 SECTION (133,134) RS-5, 135 RS-6 MONROE AND ST. CLAIR COUNTY SW1/4 JOB NO. R-98-008-03 SEC 11-1S-9W POC 8308116-POC 8308117 POC 8308120 TOTAL HOLDING (TH17) DOC. NO. A01936502 BK.4240/PG.1943 1501 1"=150" SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION LAND SURVEY: OCTOBER 06, 2006 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB # R-98-008-03 PART OF THE NE' SECTION IO, PART OF THE SW SECTION II, & PART OF THE NW OF SECTION II, TIS, ROW, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF SECTION 2, NW/4 OF SECTION 11 & PART OF SECTION 35, TIS, R9W OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION COUNTY TOTAL CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. MONROE/ ST. CLAIR 762 THIS TO STA. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND FOUND 3/4" CRIMP TOP PIPE N/4 COR, SEC 2 DOC. NO. A01875047 QUARTER SECTION \$89°31'47"E 2,803.65" SECTION CORNER North Line NE'/4 Sec 2, TIS, R9W EXISTING CENTERLINE EXISTING RIGHT OF WAY LINE
EXISTING EASEMENT LINE --- PROPOSED CENTERLINE PROPOSED RIGHT OF WAY LINE

LILL LILL LILL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE PROPERTY (DEED) LINE - APPARENT PROPERTY LINE MEASURED DIMENSION 121.45 123.45' (COMP) (123.45') COMPUTED DIMENSION RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER (52.87/ UNLESS OTHERWISE NOTED
PERMANENT SURVEY MONUMENT. I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET DOCUMENT NO. A01977893 BK.4332/PG.1252 FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE LOT 15 PART OF LOT 4 BK.3082/PG.1495 SAME OWNERSHIP ASSESSOR'S PLAT LANDS SOUTH BK.1/PG.60 EXISTING BUILDING SEC 2-1S-9W BK.2635/PG.2057 ■ STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED FOUND IRON ROD IN 18" METAL DISK W/4 COR. SEC 1 DOC. NO. A01658100 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN PART OF LOT 2, 4, 13, 19A & 23 BK, 224/PG, 39 N89°52'02"F CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). -59.86′(59.89′) FOUND 5%" IRON ROD W74 COR. SEC 2 DOC. NO. A01875047 BOOK OF PLATS "C"/PG.15 -POC 8308137 POC 8308138TE 626.731 S89°56'31"E 2.694.13" ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED (1.88 CH.) North Line S1/2 Sec 2, TIS, R9W North Line SE/4 Sec 2, TIS, R9W \$89°50'50"E 2,661.25" PART OF LOT 5 PART OF STATE OF MISSOURI LOT 19B) SS BK.2925/PG.1544 CITY OF ST. LOUIS -POB 8308137 SE'/4 SEC 2-1S-9W (500') I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR 8308137 CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE.
CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO 8308136B BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF SW¹/₄ SEC 2-1S-9W TRANSPORTATION, SHOWN HEREON. -- POB 8308138TE DATED _ 8308134 8308138TE RONNIE D. LOWE, PLS NO. 035-003363 ECONC. MON. LICENSE EXPIRATION DATE: 11/30/2010 8308136A CENTERLINE OF Engineering Architecture Surveying 8308134TE ED BARN ARMS LN. POB 8308133-800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 8308230 8308133 ILLINOIS LICENCE NO: 184-000488 Expiration Date: April 30, 2011 -CENTERLINE BUFFWOOD SUBD. 8308135 (228.77") PLAT BK.92/PG.86&87 POB 8308230-ILLINOIS DEPARTMENT OF TRANSPORTATION PART OF JULY 20, 1994 PLAT OF HIGHWAYS LOT 19B BK.3905/PG.400 FAP ROUTE 809 (IL 158) LOT 12 SECTION (133,134) RS-5, 135 RS-6 BK.4229/PG.1682 SEE SHEET TH19 8308132 MONROE AND ST. CLAIR COUNTY FOUND DISTURBED PIPE SW COR. SEC 2 DOC. NO. A01875047 FOR TOTAL HOLDING JOB NO. R-98-008-03 LOT 13 /PG.1679 TOTAL HOLDING (TH18) 8308129 3001 6004 South Line SW/4 Sec 2, TIS, R9W (486.64') p S S89°37'54"E 2,663.59 POC 8308133-South Line SE1/4 Sec 2, TIS, R9W POC 8308134 POC 8308134TE POC 8308135 SHEET COMPLETION DATE OF FIELD WORK PERFORME S89°48'22"E 2.662.12" SET IRON ROD AND CAP S/4 COR. SEC 2 DOC. NO. A01875047 LAND SURVEY: OCTOBER 06, 2006 POB 8308129-RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF SECTION 2, NW/4 OF SECTION II & PART OF SECTION 35, TIS, R9W OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF THE EY2 OF SECTION TO, PART OF SECTION IT AND PART OF THE SE 1/4 OF SECTION 2, TIS, ROW, & PART OF THE SE1/4 OF SECTION 29 TIN, ROW, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY
CONTROL DATA AS PROVIDED BY THE ILLINOIS
809 SECTION COUNTY TOTAL SHEETS 133,134 RS-5, MONROE/ 7/62 2.15 CONTROL DATA AS PROVIDED BY THE ILLINOIS CONTRACT NO.: 76408 & 76447 R-98-008-03 LEGEND QUARTER CORNER EXISTING CENTERLINE
EXISTING RIGHT OF WAY LINE
CONTROL OF WAY LINE
PROPOSED CENTERLINE 8308116 CEDAR CREEK-POR 8308116 PROPOSED RIGHT OF WAY LINE

LILL LILL LILL LIVE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE PLAT BK.C. PG.15 PART OF LOT 23 - SECTION LINE QUARTER SECTION LINE — QUARTER QUARTER SECTION LINE — PROPERTY (DEED) LINE SE1/4 (98.821) SEC 2-15-9W 8308117 APPARENT PROPERTY LINE 121.45 MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION NW1/4 (24.031) (123.45') RECORDED DIMENSION South Line SE'/4 (Sec 2, T1S, R9W 1 SEC 11-15-9W FOUND IRON PIPE OR IRON ROD AT BK.3459/ CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER OC 8308135 LOT 12B UNLESS OTHERWISE NOTED
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 SET IRON ROD AND CAP N/4 COR. SEC 11 DOC. NO. A01875047 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET NE1/4 FOUND RIGHT OF WAY MARKER SEC 10-1S-9W LOT 12A North Line SW1/4 Sec 11, TIS, R9W N89°21'38"₩ 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE FOUND AXLE W/4 COR. SEC 11 DOC. NO. A01875046 SAME OWNERSHIP SW1/4 SEC 11-15-9W POC 8308116-POC 8308117 EXISTING BUILDING STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED (1,288.93") (331.261) STATE OF MISSOURI) SS CITY OF ST. LOUIS) F. Nor Theography Monry of Moy of The East St. Louis & Eastern Rollroad & I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS BK.3459/PG.694 FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 ASSOCIATES

Engineering Architecture Surveying 8308284 (999.27')

South Line Sec 11, Tis, R9W

N89°42'05"W 1,330.54' 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 LI FAP ROUTE MY III ROUTE ISM [83082831E) ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-5, 135 RS-6 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH19) SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HICHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF THE E1/2 OF SECTION 10, PART OF SECTION 10 PART OF THE SE 1/4 OF SECTION 29 TIN, R8W, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF SECTION 1, 115, RAW, OF THE SKD PM, ST. CLAIR COUNTY, ILLINOIS 7/P SECTION 809 133,134 RS-4, 135 RS-5 BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. MONROE/ ST. CLAIR 762 TH20 CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND SECTION CORNER 510±00 EXISTING CENTERLINE - EXISTING RIGHT OF WAY LINE //////// EXISTING EASEMENT LINE ------ PROPOSED CENTERLINE A AL AL AL AL AL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE - QUARTER SECTION LINE QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE APPARENT PROPERTY LINE STEEL 121,451 MEASURED DIMENSION RD. 123.45' (COMP) COMPUTED DIMENSION (563.49) (123,45') RECORDED DIMENSION (154.59′) FOUND IRON PIPE OR IRON ROD AT AXLE ROACHTOWN CORNER UNLESS OTHERWISE NOTED E (150') SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED ASSESSOR'S PART OF PLAT BK.C/PG.15 PERMANENT SURVEY MONUMENT, LOT 13 I.D.O.T. STD. 667101 8 PART OF DOC. NO. (TO BE SET BY OTHERS) A02010286 LOT 13 CUT CROSS FOUND OR SET 8308143TE -POB 8308145 FOUND RIGHT OF WAY MARKER EYMANN 8308145 N89°21'38"W 120.00' PROPOSED € OF CONSTRUCTION 8308147 BEARING AND DISTANCE SAME OWNERSHIP EXISTING BUILDING POB 8308147 POB 8308143TE -STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED STONE EXHIBIT "C" BY INSCRIPTION DATA AND SURVEYORS REGISTRATION POC 8308143TE-POC 8308145 PARCEL 3 NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN BK,3147/PG.339 CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES -POC 8308140 BELOW THE GROUND SURFACES). POC 8308141 POC 8308142 BK.2963/PG.2189 POC 8308144 POC 8308146 POC 8308147 ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED -ASSESSOR'S BK.3199 /PG.927 PART OF DATE PLAT BK.C/PG.15 LOT 14 BK.4049 /PG.484 8308142 CONC. <u>P</u> (1,857,45+/-) k109.10') k92.53') South Line SE1/4 Sec 1, T1S, R9W 969.38' 1,037.05' North Line SW/4 Sec 1, TIS, R9W STATE OF MISSOURI) SS FOUND IRON ROD I 18" METAL DISK W 1/4COR. SEC 1 DOC. NO. A01658100 POB CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR. CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS 8308141 FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. BK.1742 PG.296 PART OF LOT 15 ASSESSOR'S 8308140 DATED_ PART OF LOT 15 1192.0') PINCH PIPE RONNIE D. LOWE, PLS NO. 035-003363 SWI/4 LICENSE EXPIRATION DATE: 11/30/2010 ASSESSOR'S PLAT BK.C/PG.15 SEC 1-1S-9W ASSOCIATES

Engineering
Architecture
Surveying DOC. NO. A01813276 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH20) 150' SHEET 100 OF 121 COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 South Line SW1/4 Sec 1, T1S, R9W (2,034.56') p RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB # R-98-008-03 SHEET 1 IS A COVER SHEET PART OF SECTION I, TIS, R9W, OF THE 3RD PM

MARI OF THE NW/4 AND NE/4 OF SECTION 1, 115, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. MONROE/ ST. CLAIR 762 217 POC 8308161 POC 8308164 POC 8308164TE-1 POC 8308164TE-2 TO STA. FOUND NAIL IN ¢ OF ROAD NE COR. SEC 1 DOC. NO. A01658100 CONTRACT NO.: 76408 & 76A47 R-98-008-03 N89°22'20"W 2,577.60' N89°22'20"W_990,58' LEGEND (SOUTH TO CREEK) QUARTER SECTION SECTION CORNER PART OF LOT 1 PART OF LOT 11 - PROPOSED CENTERLINE PLAT BOOK "C"/PG.15 PLAT BOOK "C"/PG.15 PROPOSED RIGHT OF WAY LINE

LILL LL LL LL LL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE POB 8308164TE-2 NE1/4 BK.2556/PG.144 - SECTION LINE SEC 1-15-9W - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE 8308164TE-2 - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE BK.2895/PG.778 121.45' 123.45' (COMP) MEASURED DIMENSION POB 8308164TE-1-COMPUTED DIMENSION RECORDED DIMENSION PART OF 8308161 NE1/4 FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED LOT 12 & 13 SEC 1-15-9W SET 1/8 INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PLAT BOOK "C"/PG.15 BK.3422/PG.49 PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) NW1/4 580+00 CUT CROSS FOUND OR SET SEC 1-15-9W POB 8308161-FOUND RIGHT OF WAY MARKER East Line Rest Line Lot II N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE TOEN-RO DOC. NO. A01925978 BK.4217/PG.2241 SAME OWNERSHIP ACRES EXISTING BUILDING PLAT BK.59/PG.9 570400 ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED 8308150 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION
NUMBER, (PROPOSED RIGHT OF WAY CORNERS SET IN
CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). RD ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED (665.91) ROACHTOWN 8308148 STATE OF MISSOURI) SS CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 DAVID ASSOCIATES Engineering Architecture Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS CENTER COR. SEC 1 N89°03'50"E 2,585.88" FAP ROUTE 809 (IL 158) SECTION (133,134) RS-5, 135 RS-6 N89°03'50"E 2,578.47" MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH21) 150' SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF THE NW 4 AND NE 4 OF SECTION I, TIS, ROW, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF THE SY2 AND NEY4 OF SECTION 9, T1S, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

PART OF THE SY2 OF SECTION 31, TIN, R8W, AND PART OF THE NW1/4 OF SECTION 6 TIS, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS 809 MONROE/ ST. CLAIR 762 219 FOUND IRON ROD AND CAP W/4 COR. SEC 31 DOC. NO. A01889062 POC 8308206 POC 8308207 DEPARTMENT OF TRANSPORTATION. CONTRACT NO.: 76408 & 76A47 N89°42'39"W 1.829.42' South Line NW1/4 Sec 31 TIN, R8W North Line SW1/4 Sec 31 TIN, R8W(1,154') N89°08'08"W 2.650.29 LEGEND (594.66') (647,63') 644,50' QUARTER SECTION SECTION CORNER CORNER - EXISTING CENTERLINE PART OF LOT 6 EXISTING RIGHT OF WAY LINE PLAT BK.A/PG.204 --- PROPOSED RIGHT OF WAY LINE PROPOSED RIGHT OF WAY LINE

1 11 11 11 11 11 PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE PART OF LOT 9 PART OF LOT 8 PART OF LOT 7 PLAT BK.A/PG.204 PLAT BK.A/PG.204 PLAT BK.A/PG.204 - SECTION LINE - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE 121.45' MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, BK.2470/PG.544 I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE SEE SHEET TH24
FOR TOTAL HOLDING
PART OF LOT 6 SAME OWNERSHIP PART OF LOT 5 PLAT BK.A/PG.204 EXISTING BUILDING STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). LOT 9 ALL DETAILS SHOWN NOT TO SCALE UNLESS SW¹/₄ SEC 31-1N-8W 08 8308207 STATE OF MISSOURI) BK.3060/PG.2259 CITY OF ST. LOUIS PART OF LOTS 9 & 3 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY PLAT BK.A/PG.204 PART OF LOT 7 PLAT BK.A/PG.204 SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE
CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS ST FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BK.2258/PG.373 BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF 59TH PART OF LOT 8 PLAT BK.A/PG.204 SW1/4 SEC 31-1N-8W SOUTH RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 WATTOROSE ASSOCIATES
ASSOCIATES
Surveying
800 South Vand PART OF LOT 3 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 POC 8308173 POC 8308176 POC 8308176TE ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 NAIL IN CENTERLINE OF ROAD SW COR. SEC 31 DOC. NO. A01658100 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) N89°22'44''W 590.34' (579.96") SECTION (133,134) RS-5, 135 RS-6 MONROE AND ST. CLAIR COUNTY SEC 6-15-8W PART OF LOT 1 N89°22'16"W 2,621.12" JOB NO. R-98-008-03 SET REBAR W/CAP "PLS 2973" SE COR. SEC 31 DOC. NO. A01889062 TOTAL HOLDING (TH23) 1501 3001 SHEET 103 OF 127 COMPLETION DATE OF FIELD WORK PERFORMED 8308167A LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ST. CLAIR COUNTY JOB . R-98-008-03 PART OF THE SY2 OF SECTION 31, TIN, R8W, AND PART OF THE NW1/4 OF SECTION 6 TIS, R8W, OF THE 3RD PM CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 SHEET 1 IS A COVER SHEET

PART OF THE E1/2 OF SECTION 31, TIN, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS N89°30'06"W 2,671.14" 133,134 RS-5, 135 RS-6 MONROE/ ST. CLAIR 762 220 DEPARTMENT OF TRANSPORTATION. FOUND 5/4" IRON ROD NW COR. NE1/4 SEC 31 DOC. NO. A01889062 CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND SECTION SECTION CORNER LOT 13 PLAT BK.A/PG.204 PROPOSED RIGHT OF WAY LINE

LILL LL LL LL LL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE
SECTION LINE BK.2759/PG.630 & 635 - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE BK.2418/ PG.1840 PROPERTY (DEED) LINE - APPARENT PROPERTY LINE MEASURED DIMENSION 121.45 123.45' (COMP) (123.45') COMPUTED DIMENSION RECORDED DIMENSION (149.707) FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER (10 CH) (10 CH) UNLESS OTHERWISE NOTED
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE 8308212 SAME OWNERSHIP LOT 14 LOT 10 PLAT BK.A/PG.204 LOT 11 PLAT BK.A/PG.204 PLAT BK.A/PG.204 EXISTING BUILDING West E¹/₂ NE¹/₄ SEC 31-1N-8W ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION 9.50 CH) W1/2 NE1/4 SEC 31-1N-8W NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BK.2759/PG.630 & 635 BELOW THE GROUND SURFACES). ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED STATE OF MISSOURI) CITY OF ST. LOUIS) I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS CENTER SEC 31 DOC. NO. A01889062 FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. BK.3271/PG.1772 8308212TE-1 South Line NE¹/₄ Sec_p31, TIN, R8W S89°08'08''E 2,650.29' 644.50 (644.73') p PART OF LOT 2 POC 8308208 BK.3181/PG.1587 RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 LOT 6 DAVID Engineering Architecture Surveying W¹/₂ SE¹/₄ SEC 31-1N-8W PART OF 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 8308209 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) POB 8308209 SECTION (133,134) RS-5, 135 RS-6 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH24) 3001 8308208 SHEET POB 8308208 COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB . R-98-008-03 PART OF THE E1/2 OF SECTION 31, TIN, R8W, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF THE NW/4 OF SECTION 32, TIN, ROW, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY MOUTE SECTION COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS MONROE/ ST. CLAIR 762 27 TH25 809 DEPARTMENT OF TRANSPORTATION. TO STA. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND N89°53'49"E 2,643.64" EXISTING & OF PAVEMENT North Line NW/4 Sec 32, TiN, R8W 670+00 OHARTER SECTION CU BY H 11 11 11 268.12 SECTION CORNER 8308229 EXISTING CENTERLINE EXISTING RIGHT OF WAY LINE -POB 8308229TE /////// EXISTING EASEMENT LINE 8308215PE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
LLLLLLLLLLLLPROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE 8308229TE POB 8308215PE-- SECTION LINE
- QUARTER SECTION LINE (246') BK.2336/PG.248 QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE 121.45' 123.45' (COMP) MEASURED DIMENSION 8308215 COMPUTED DIMENSION RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED BK.2644/PG.1593 SET 1/8 INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED (268.06') p (536.12" PERMANENT SURVEY MONUMENT, LD.O.T. STD. 667101 (TO BE SET BY OTHERS) (461.941) CUT CROSS FOUND OR SET (288.16') FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE -- POB 8308215 8308214 SAME OWNERSHIP BK.2937/PG.863 EXISTING BUILDING ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION POB 8308214 NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). ALL DETAILS SHOWN NOT TO SCALE UNLESS BK.2418/PG.2023 8308213 STATE OF MISSOURI CITY OF ST. LOUIS) I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, -POB 8308213 CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE W¹/₂ NW¹/₄ SEC 32-1N-8W $E^{1/2} NW^{1/4}$ SEC 32-1N-8W CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED __ RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 ASSOCIATES

Engineering
Architecture
Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FOUND 1" PIPE E/2 COR. SEC. 31 DOC. NO. A01889062 FAP ROUTE 809 (IL 158) FOUND CRIMP TOP PIPE CENTER SEC 32 DOC. NO. A01889063 SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY (1,322.31') South Line NW1/4 Sec 32, TIN, R8W JOB NO. R-98-008-03 CONC. MON. N8999'07"W 2,644.68' TOTAL HOLDING (TH25) -POC 8308229 POC 8308229TE -POC 8308213 POC 8308214 POC 8308215 105 OF 12 SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF THE NWI/4 OF SECTION 32, TIN, R8W, OF THE 3RD PM SHEET 1 IS A COVER SHEET

PART OF THE E1/2 OF NW1/4 SECTION 32 & PART OF THE SE1/4 OF SECTION 29, TIN, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY MOORE SECTION

OATA AS PROVIDED BY THE ILLINOIS 809 133,134 RS-4, 135 RS-5 TOTAL SHEETS -CONC. MON. S=0.61' W=2.58 MONROE/ ST. CLAIR 762 THE North Line NW/4, Sec 32, TIN, R8W
EXISTING C OF PAVEMENT, & PROPOSED C OF CONSTRUCTION TO STA. POB 8308232 CONTRACT NO.: 76408 & 76A47 EXISTING R/W BK 692, PG 40 R-98-008-03 LEGEND 8308232TE 8308232 SECTION CORNER - EXISTING CENTERLINE - -- EXISTING RIGHT OF WAY LINE /////// EXISTING EASEMENT LINE PROPOSED CENTERLINE
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE (539.52') - SECTION LINE - QUARTER SECTION LINE QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE APPARENT PROPERTY LINE 121.45' MEASURED DIMENSION COMPUTED DIMENSION (123,451) RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT. (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED ¢ OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP (338.16 SE¹/₄ SEC 29-1N-8W EXISTING BUILDING STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED PLAT BK.54/PG5 APRIL 27, 1955 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN Part of E^{\prime}_{2} of NW^{\prime}_{4} SEC 32-1N-8W CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). CON ALL DETAILS SHOWN NOT TO SCALE UNLESS 8308278TE OTHER WISE NOTED 8308275TE NO. STATE OF MISSOURI POB 83082751 CITY OF ST. LOUIS 8308275 I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR. PARCEL 1 CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY DOC. NO. A01880434 SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF 8308276 TRANSPORTATION, SHOWN HEREON. DATED BK.3367/PG.1004 RONNIE D. LOWE, PLS NO. 035-003363 -POB 8308275 POB 8308275 ASSOCIATES

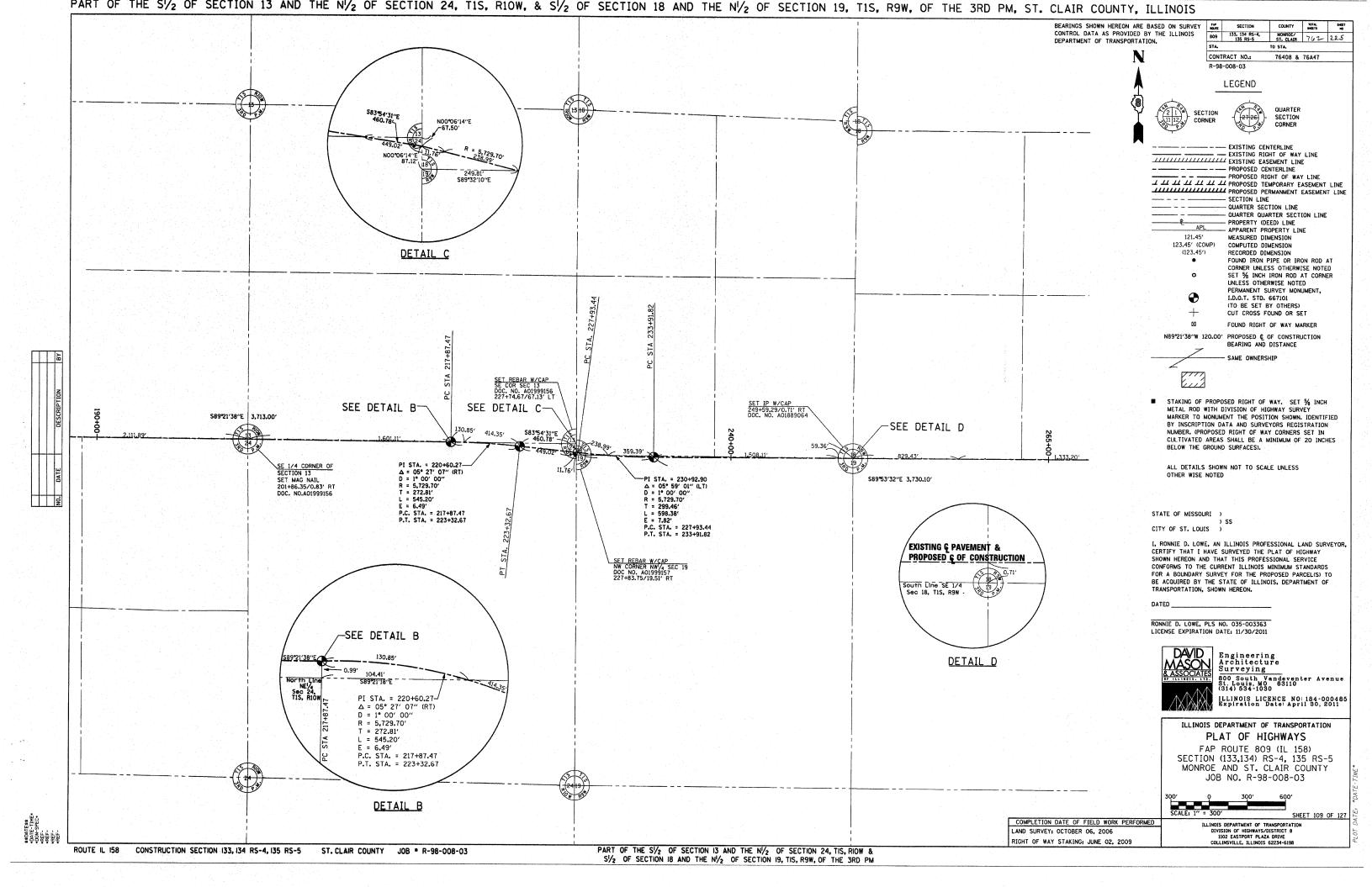
Engineering Architecture Surveying POC 8308275TE POC 8308277 POC 8308277TE SEC 29-1N-8W (37.36') SEE SHEET 77 AND 78 POC 8308278TE POC 8308279TE 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 POB 8308276 LOT 200 ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 LOT 201 MONROE AND ST. CLAIR COUNTY POC 8308232TE JOB NO. R-98-008-03 p South Line SE1/4 Sec 29, TiN, R8W TOTAL HOLDING (TH26) 100' 2001 South Line NW1/4 Sec 32, TIN, R8W --POC 8308276 (1,322.29') N8999'20"W 1,322.22 IRON ROD SET FLUSH OVER FOUND STONE N/4 COR. SEC. 32 DOC. NO. A01889063 SHEET COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ST. CLAIR COUNTY JOB " R-98-008-03 PART OF THE E1/2 OF NW1/4 SECTION 32 & PART OF THE SE1/4 OF SECTION 29, TIN, R8W, OF THE 3RD PM CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 SHEET 1 IS A COVER SHEET

PART OF SW/4 SECTION 1 AND SE/4 SECTION 2, T1S, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS FAP ROUTE 809 SECTION DEPARTMENT OF TRANSPORTATION. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND QUARTER SECTION SECTION FOUND IRON ROD I 18" METAL DISK W 14COR. SEC 1 DOC. NO. A01658100 - EXISTING CENTERLINE EXISTING RIGHT OF WAY LINE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
THE THE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE POB 8308138TE -POB 8308136B PG.296 N PART OF LOT 15 8308140 PE___APL - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE 121.45' 123.45' (COMP) MEASURED DIMENSION 1192.21') PINCH PIPE COMPUTED DIMENSION (123.45') RECORDED DIMENSION ASSESSOR'S PLAT BK.C/PG.15 8308136B FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
SET % INCH IRON ROD AT CORNER
UNLESS OTHERWISE NOTED 8308136B 8308138TE PERMANENT SURVEY MONUMENT, POB 8308138TE -POB 8308136B 8308139 I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER SEE DETAIL A N89°21'38"W 120.00' PROPOSED € OF CONSTRUCTION BEARING AND DISTANCE DOC. NO. A02084949 (TRACT A - PARCEL 1) SAME OWNERSHIP PART OF LOT 15 EXISTING BUILDING ASSESSOR'S PLAT BK.C/PG.15 STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED DETAIL A BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER, (PROPOSED RIGHT OF WAY CORNERS SET IN DOC. NO. A02084949 (TRACT C - PARCEL 1) CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). 8308136A (2539,201) ALL DETAILS SHOWN NOT TO SCALE UNLESS North Line S1/2 SW1/4 Sec 1, T1S, R9W (40.00') STATE OF MISSOURI CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR. CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS BK.3905 /PG.400 (18) FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF (83.63") DOC. NO. A02084949 (TRACT B - PARCEL 1) TRANSPORTATION, SHOWN HEREON. SEC 2-1S-9W FARMS (263.671) DATED ___ S1/2 SW1/4 SEC 1-15-9W RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 BARN DAVID ASSOCIATES Engineering Architecture Surveying 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 RED ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 ILLINOIS DEPARTMENT OF TRANSPORTATION POC 8308136A POC 8308136B POC 8308138TE POC 8308139 PLAT OF HIGHWAYS (1061.69') 1,075.68 FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 FOUND IRON ROD W/CAP SI/4COR. SEC 1 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 TOTAL HOLDING (TH27) FOUND "T" POST SW 1/4COR. SEC 1 DOC. NO. A0165810 SHEET COMPLETION DATE OF FIELD WORK PERFORMED LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 SHEET 1 IS A COVER SHEET PART OF SW1/4 SECTION I AND SE1/4 SECTION 2, TIS, R9W, OF THE 3RD PM

PART OF SECTION 23, THE SW/4 OF SECTION 13 AND THE NW/4 OF SECTION 24, T1S, R10W OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS ROUTE 809 BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS MONROE/ ST. CLAIR 762 224 DEPARTMENT OF TRANSPORTATION. TO STA. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND OHARTER SECTION -SEE DETAIL A SECTION S89°32'02"E 2,633.55" 2,111.89 - EXISTING CENTERLINE PROPOSED CENTERLINE
PROPOSED RIGHT OF WAY LINE
LILL LILL LILL PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE -PI STA. = 176+03.42 Δ = 46° 43′ 39" (RT) D = 4° 39' 55" SECTION LINE T = 530.53' PI STA. = 156+70.47 — Δ = 17° 18′ 58″ (LT) D = 1° 42′ 00″ R = 3,370.50′ T = 513.24′ L = 1,018.65′ - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE L = 1,001.58' E = 109.69' P.C. STA. = 170+72.89 P.T. STA. = 180+74.46 - PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE 121.45 MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION E = 38.85'
P.C. STA. = 151+57.24
P.T. STA. = 161+75.89 RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP 1,306.66 ■ STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). ALL DETAILS SHOWN NOT TO SCALE UNLESS 58995'59"E 1,816.70" S8995'59"E 842.05" S88°57'53"E 2,645.13" 15°50'17"E 5.81' STATE OF MISSOURI)) SS CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, DETAIL A CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 N17°59'40"E ASSOCIATES

ASSOCIATES

ASSOCIATES N80°59'47"E S89°21′38″E R=524.41 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 L=70.38' 39.17 R=447.94 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 L=415.52' South Line SW 1/4-Sec 13, T1S, R10W ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 SHEET 108 OF 127 COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF SECTION 23, THE SWI/4 OF SECTION 13 AND THE NWI/4 OF SECTION 24, TIS, RIOW OF THE 3RD PM



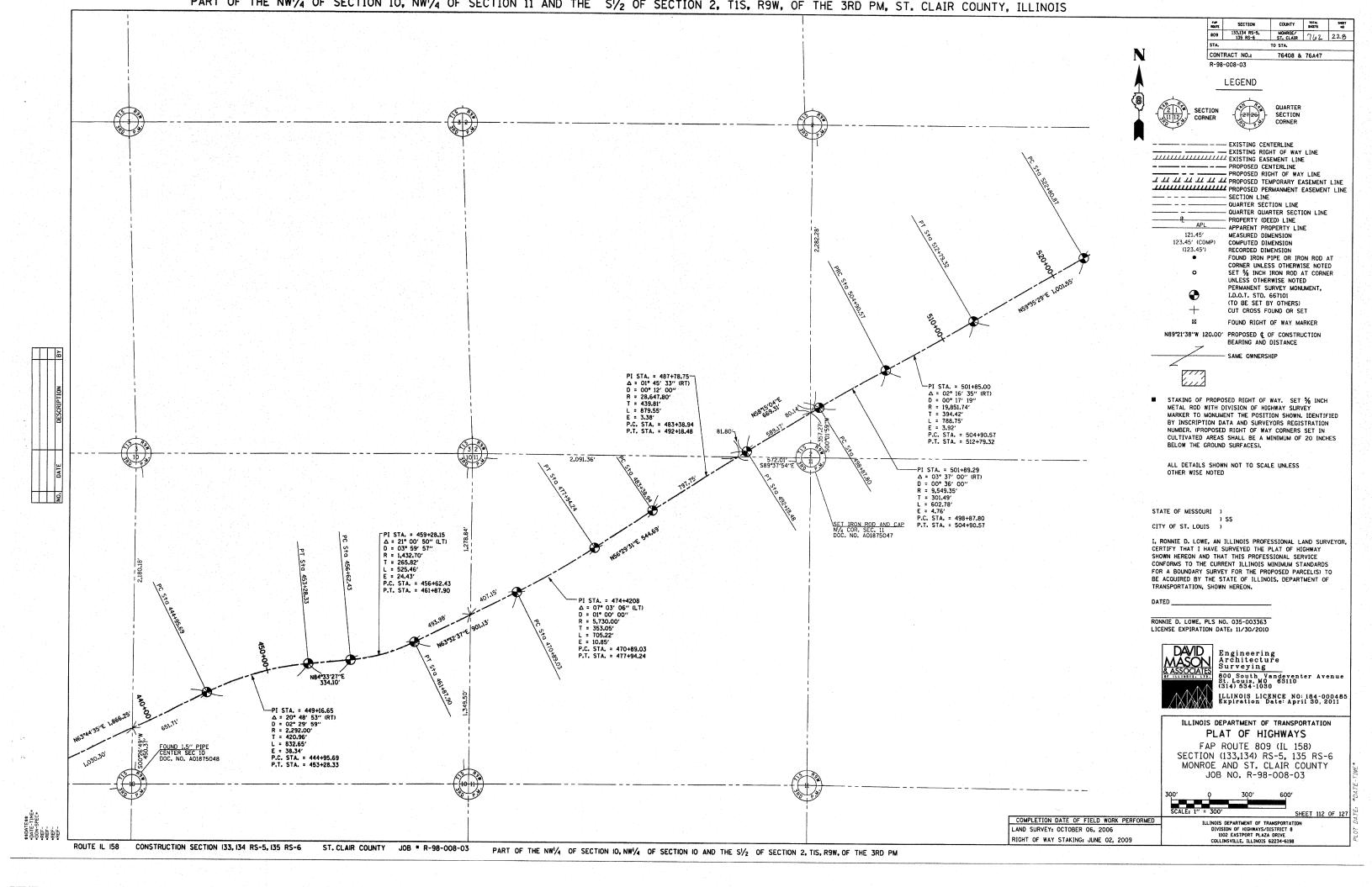
PART OF SECTION 17 AND THE NE'/4 OF SECTION 19, TIS, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS BEARINGS SHOWN HEREON ARE BASED ON SURVEY SECTION COUNTY TOTAL SHEETS CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND PI STA. = 340+46.66 - P1 S1A. = 340+46.66 Δ = 19° 51′ 56″ (RT) D = 02° 00′ 00″ R = 2,864.90′ T = 501.69′ L = 993.31′ E = 43.60′ QUARTER SECTION SECTION CORNER CORNER - EXISTING CENTERLINE P.C. STA. = 335+44.96 P.T. STA. = 345+38.28 FOUND REROD CENTER SEC 17 DOC. NO. A018B0783 PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE - QUARTER SECTION LINE - QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE APL 2,085.05 121,45" MEASURED DIMENSION 123.45' (COMP) COMPUTED DIMENSION PI STA. = 323+36.11 Δ = 07° 25′ 57″ (RT) D = 02° 30′ 00″ (123.45') RECORDED DIMENSION FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED R = 11,459.20' T = 744.29' SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED L = 1,486.48' E = 24.14' P.C. STA. = 315+91.83 P.T. STA. = 330+78.31 PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED & OF CONSTRUCTION BEARING AND DISTANCE - SAME OWNERSHIP ■ STAKING OF PROPOSED RIGHT OF WAY. SET % INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES FOUND STONE
/NE Corner Sec. 19 BELOW THE GROUND SURFACES). Doc. No. A01889064 275+95.45 ALL DETAILS SHOWN NOT TO SCALE UNLESS STATE OF MISSOURI)) SS 59.08 CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS LSEE DETAIL E FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO -SEE DETAIL F BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. -PI STA. = 276+21.79 Δ = 37° 43′ 23″ (LT)
D = 03° 54′ 57″
R = 1,463.20′
T = 499.87′
L = 963.36′
E = 83.03′ RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 ASOCIATES

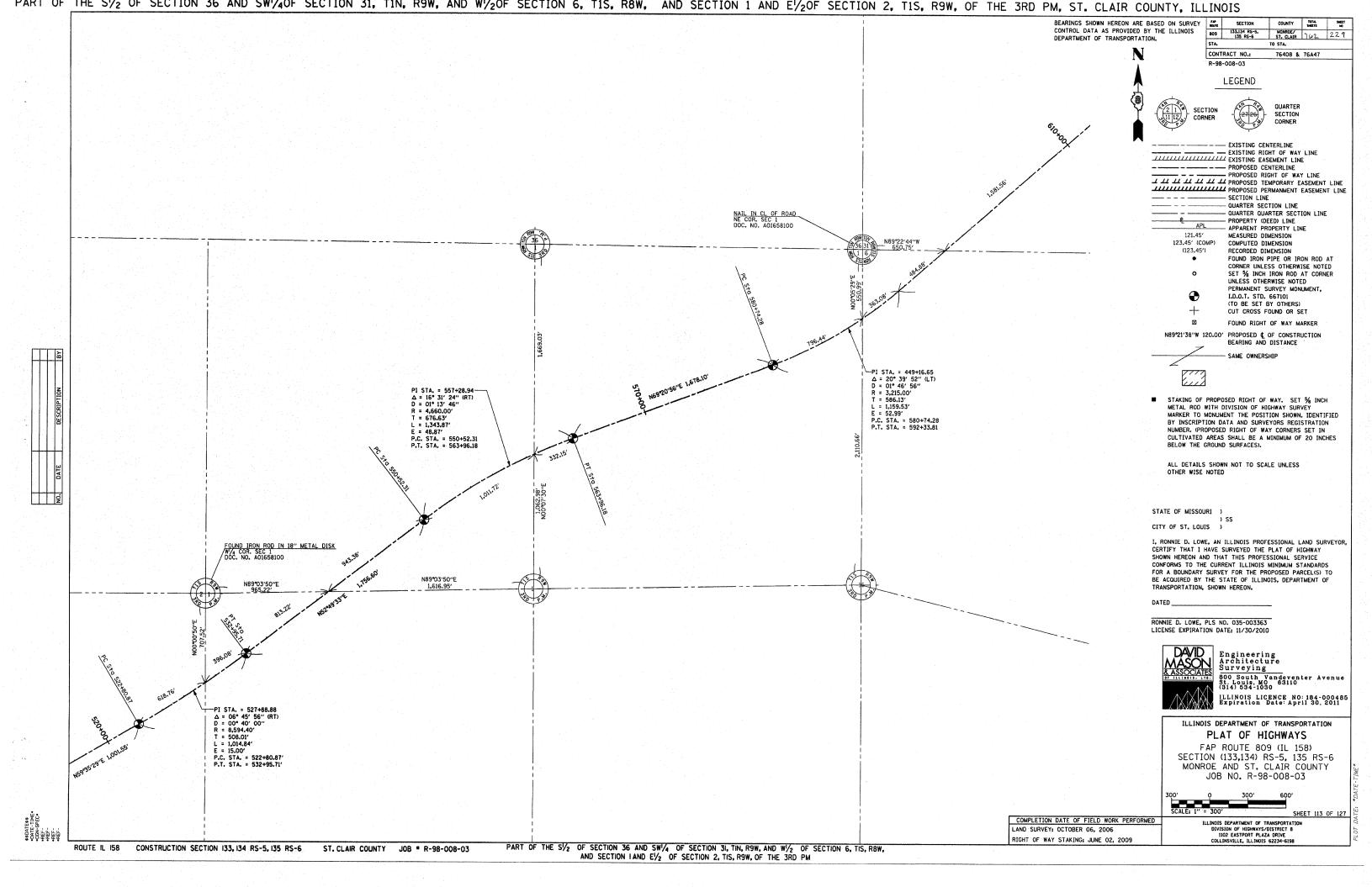
Engineering
Architecture
Surveying P.C. STA. = 271+21.92 P.T. STA. = 280+85.28 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 South Line SE 1/4 Sec 18, T1S, R9W 18 4 2 3 **GOF ROW** ILLINOIS DEPARTMENT OF TRANSPORTATION N89°56'29"W 431.20" PLAT OF HIGHWAYS EXISTING © PAVEMENT & PROPOSED © OF FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 MONROE AND ST. CLAIR COUNTY CONSTRUCTION JOB NO. R-98-008-03 SHEET 110 OF 127 COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 DETAIL E DETAIL F LAND SURVEY: OCTOBER 06, 2006 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 ST. CLAIR COUNTY JOB R-98-008-03 PART OF SECTION IT AND THE NE'/4 OF SECTION 19. TIS, R9W, OF THE 3RD PM

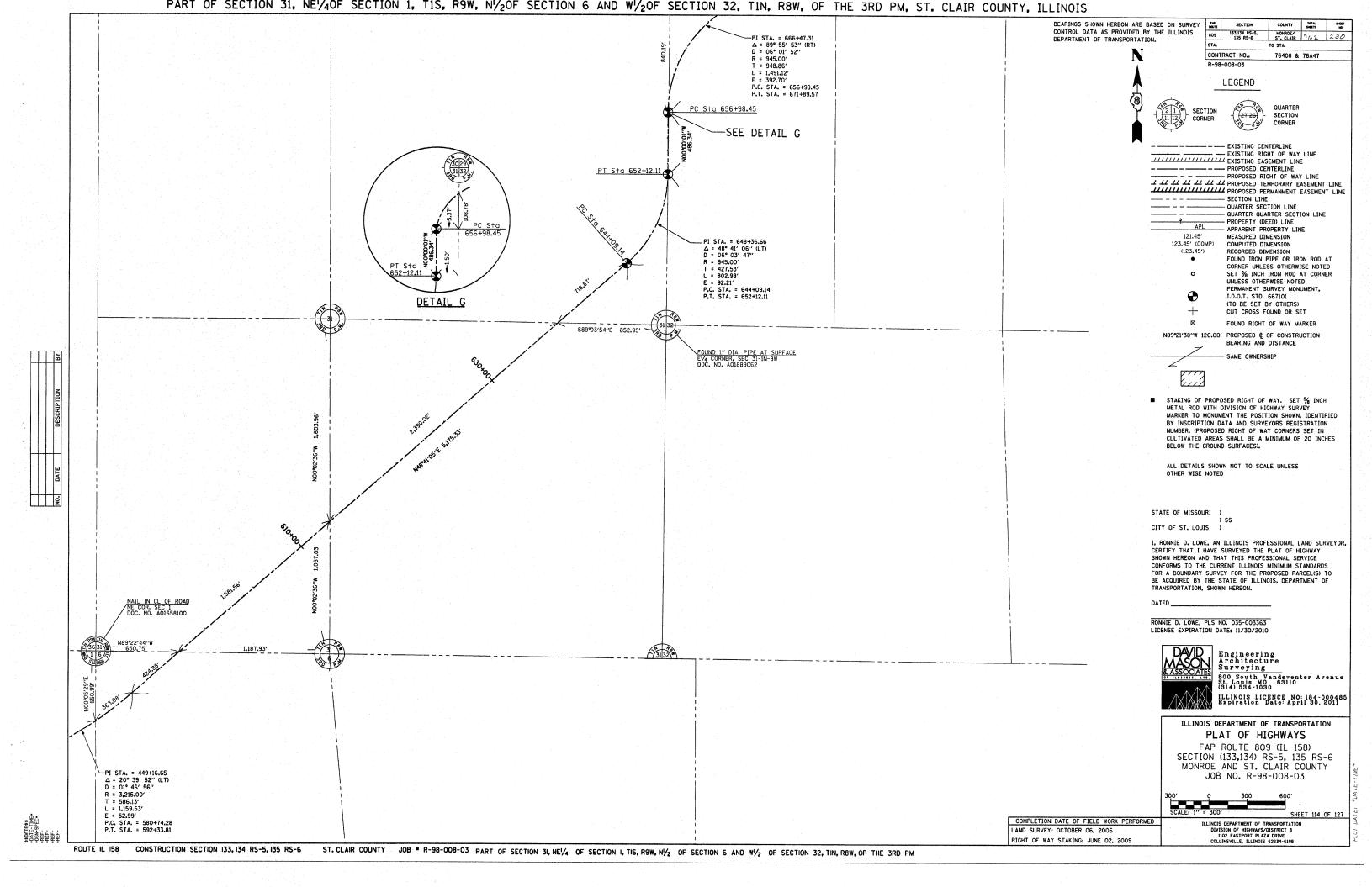
PART OF SECTION 9 AND THE W1/2 OF SECTION 10, TIS, R9W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS | 1/4" | SECTION | COUNTY | SHETTS | SHETTS | | SHETTS | | SHETTS | | SHETTS BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. CONTRACT NO.: 76408 & 76A47 R-98-008-03 LEGEND SECTION SECTION CORNER EXISTING CENTERLINE - EXISTING RIGHT OF WAY LINE TITLE EXISTING EASEMENT LINE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
THE LITTLE CONTROL OF THE PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANMENT EASEMENT LINE - SECTION LINE — QUARTER SECTION LINE
— QUARTER QUARTER SECTION LINE - PROPERTY (DEED) LINE - APPARENT PROPERTY LINE 121.45' 123.45' (COMP) MEASURED DIMENSION COMPUTED DIMENSION (123.45') FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED SET % INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET FOUND RIGHT OF WAY MARKER N89°21'38"W 120.00' PROPOSED € OF CONSTRUCTION BEARING AND DISTANCE SAME OWNERSHIP STAKING OF PROPOSED RIGHT OF WAY. SET 5% INCH N89°41'40"E 920,49" 142.93 METAL ROD WITH DIVISION OF HIGHWAY SURVEY
MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED 1,834.20 1,265.38 BY INSCRIPTION DATA AND SURVEYORS REGISTRATION \$89°59'22"E 3,099.57' NUMBER, (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACES). PI STA. = 424+75.79 \[\D = 26° 16' 03'' (LT) \]
\[D = 08° 23' 42'' \]
\[R = 682.50' \] -PI STA. = 390+64.29 Δ = 45° 32′ 55″ (RT) D = 14° 04′ 39″ ALL DETAILS SHOWN NOT TO SCALE UNLESS OTHER WISE NOTED R = 407-00' T = 170.87' L = 323.55' T = 159.25' L = 312.90' E = 18.33' Š E = 34.41'
P.C. STA. = 388+93.42
P.T. STA. = 392+16.97 P.C. STA. = 423+16.54 P.T. STA. = 426+29.44 STATE OF MISSOURI)) SS CITY OF ST. LOUIS I, RONNIE D. LOWE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON. DATED RONNIE D. LOWE, PLS NO. 035-003363 LICENSE EXPIRATION DATE: 11/30/2010 -PI STA. = 368+69.79 Δ = 04° 30′ 37″ (RT) D = 00° 28′ 00″ R = 12,277.70′ DAVID
ASSOCIATES

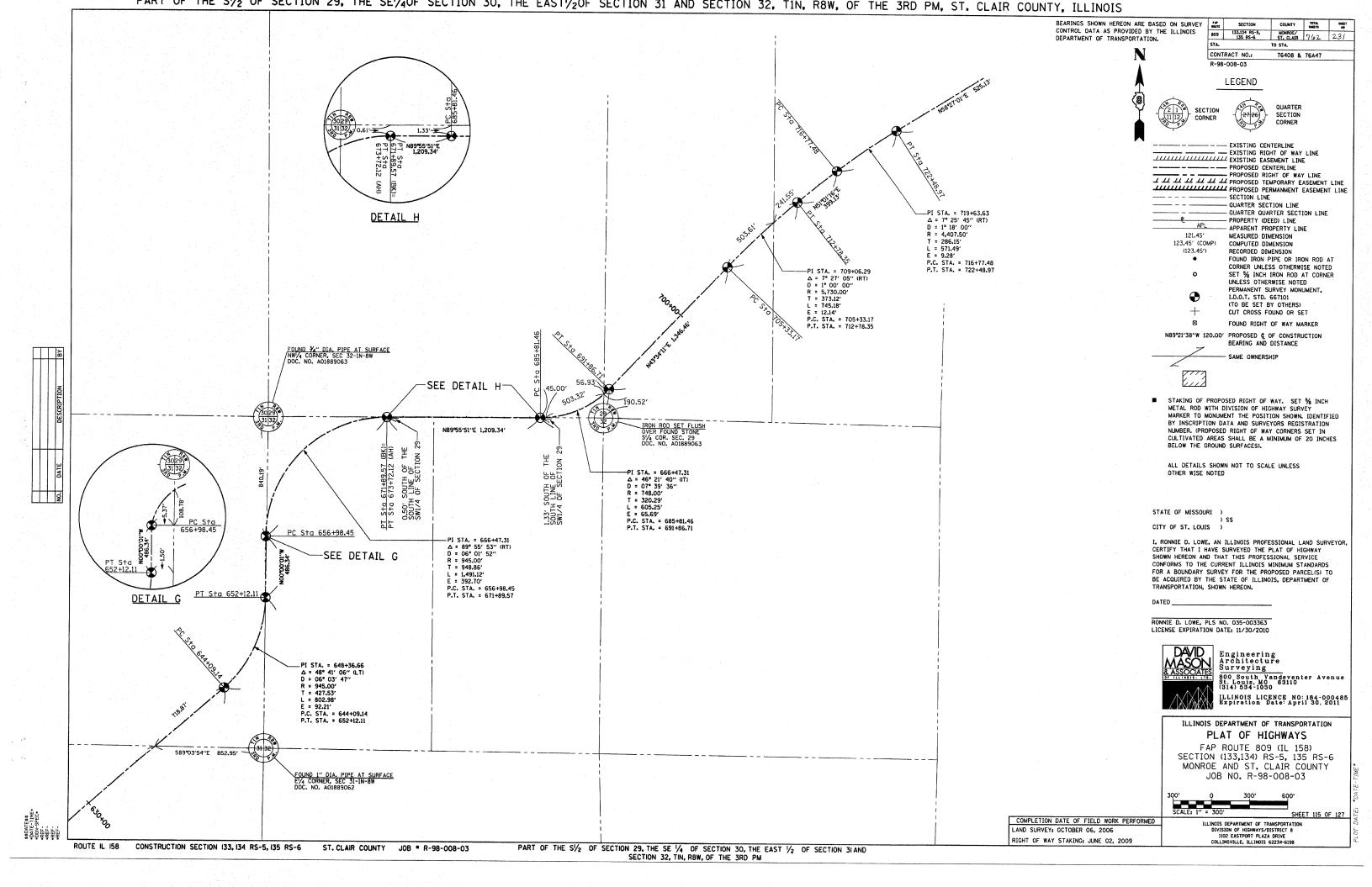
ASSOCIATES

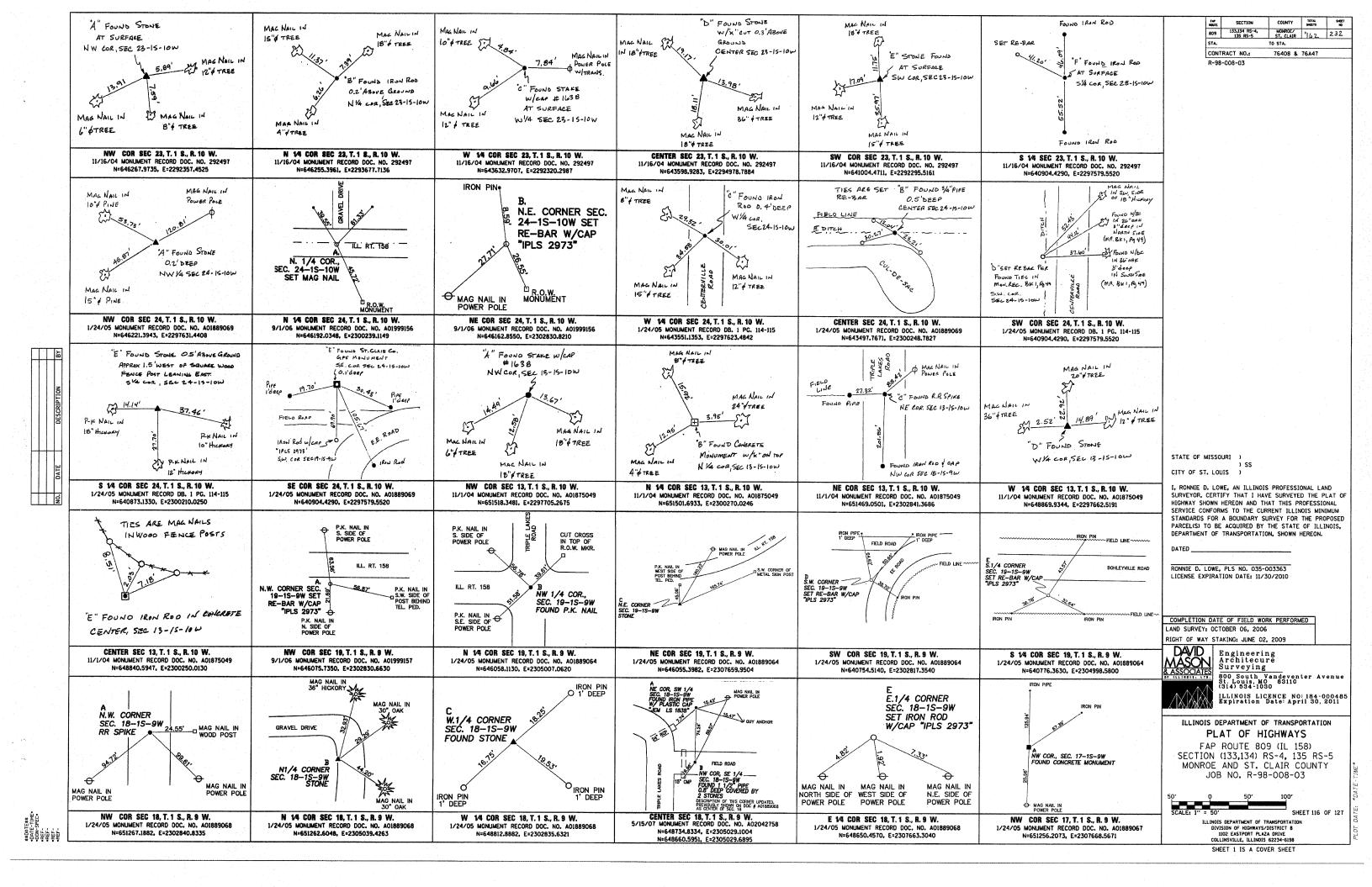
ASSOCIATES R = 12,277,70' T = 483,49' L = 966,47' E = 9,52' P.C. STA. = 363+86,31 P.T. STA. = 373+52,78 800 South Vandeventer Avenue St. Louis, MO 63110 (314) 534-1030 ILLINOIS LICENCE NO: 184-000485 Expiration Date: April 30, 2011 S89°55'18"E ILLINOIS DEPARTMENT OF TRANSPORTATION S89°55'18"E 1,658.14" PLAT OF HIGHWAYS FAP ROUTE 809 (IL 158) SECTION (133,134) RS-4, 135 RS-5 SECTION (133,134) RS-5, 135 RS-6 MONROE AND ST. CLAIR COUNTY JOB NO. R-98-008-03 SHEET 111 OF 127 COMPLETION DATE OF FIELD WORK PERFORMED ILLINOIS DEPARTMENT OF TRANSPORTATION LAND SURVEY: OCTOBER 06, 2006 DIVISION OF HIGHWAYS/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198 RIGHT OF WAY STAKING: JUNE 02, 2009 ROUTE IL 158 CONSTRUCTION SECTION 133, 134 RS-4, 135 RS-5 CONSTRUCTION SECTION 133, 134 RS-5, 135 RS-6 ST. CLAIR COUNTY JOB * R-98-008-03 PART OF SECTION 9 AND THE WI/2 OF SECTION 10, TIS, R9W, OF THE 3RD PM

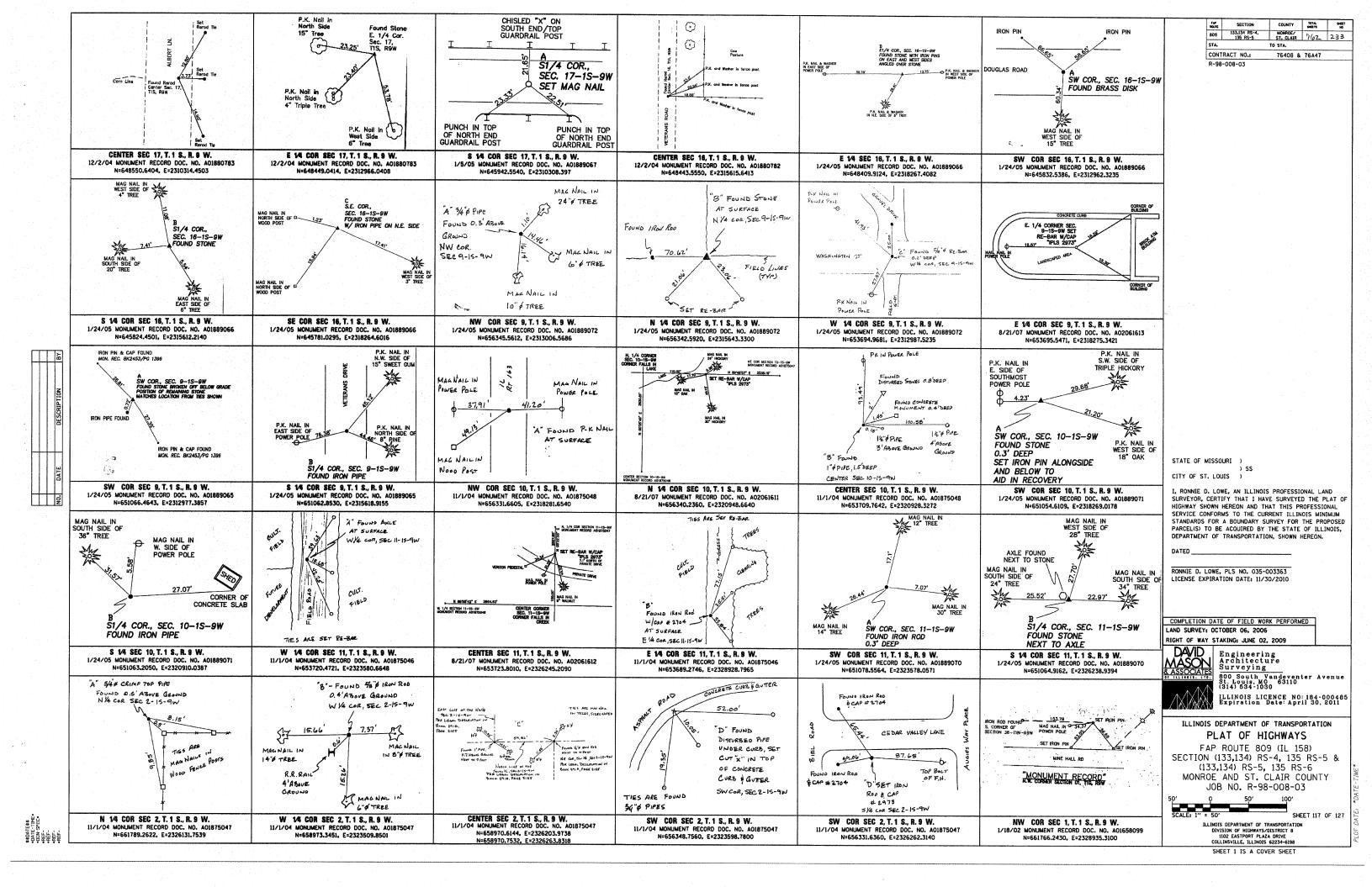


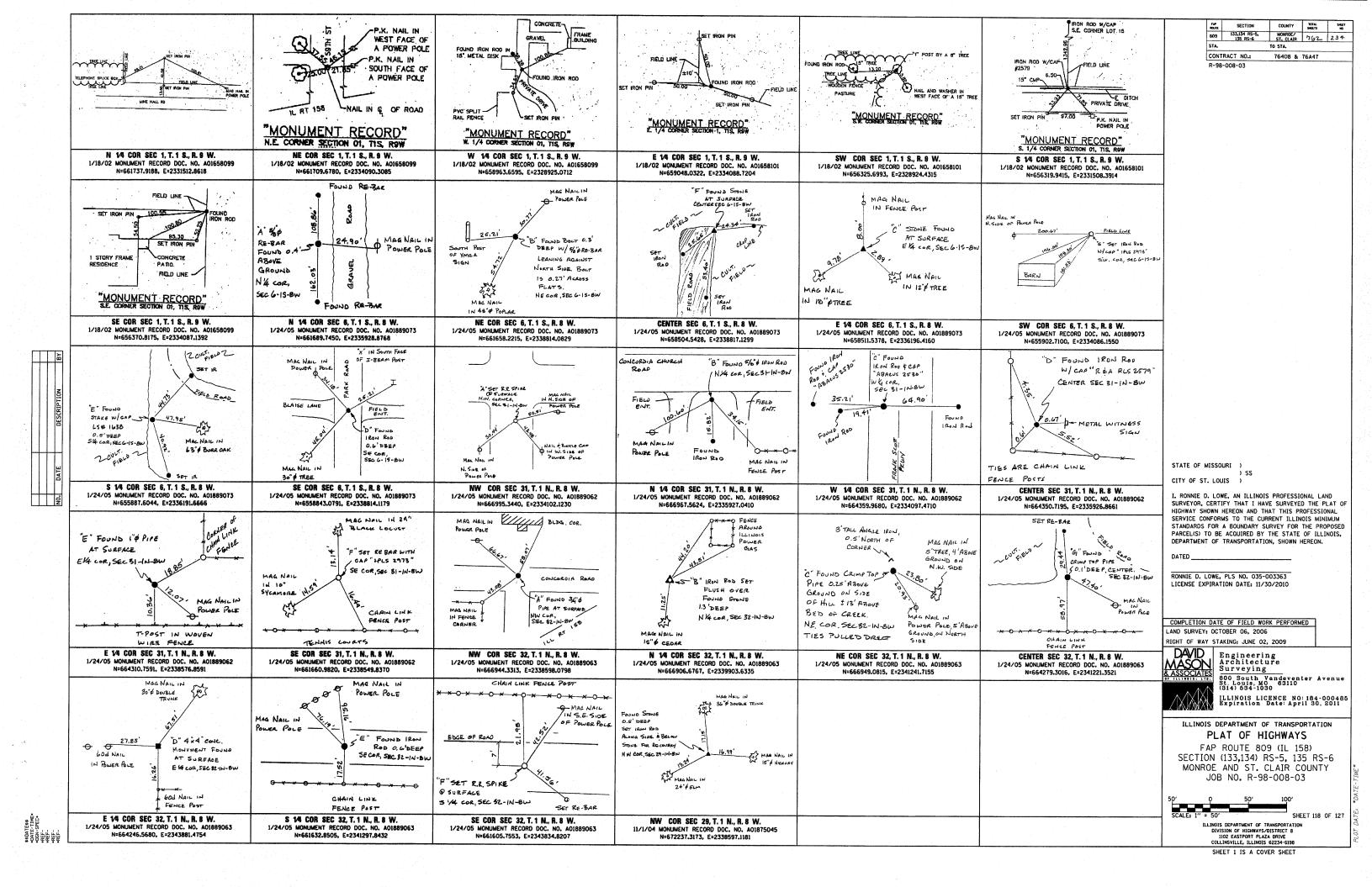


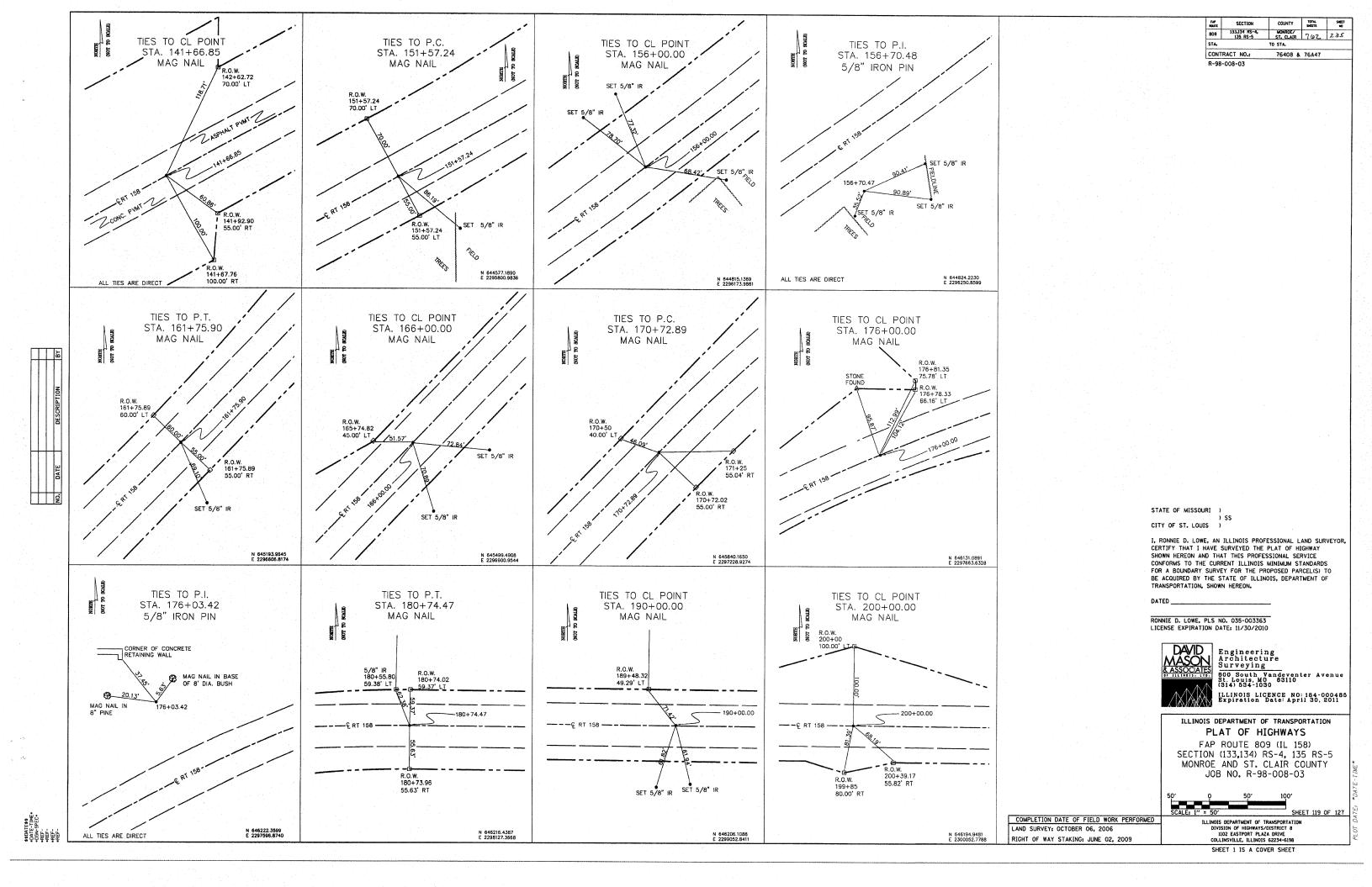


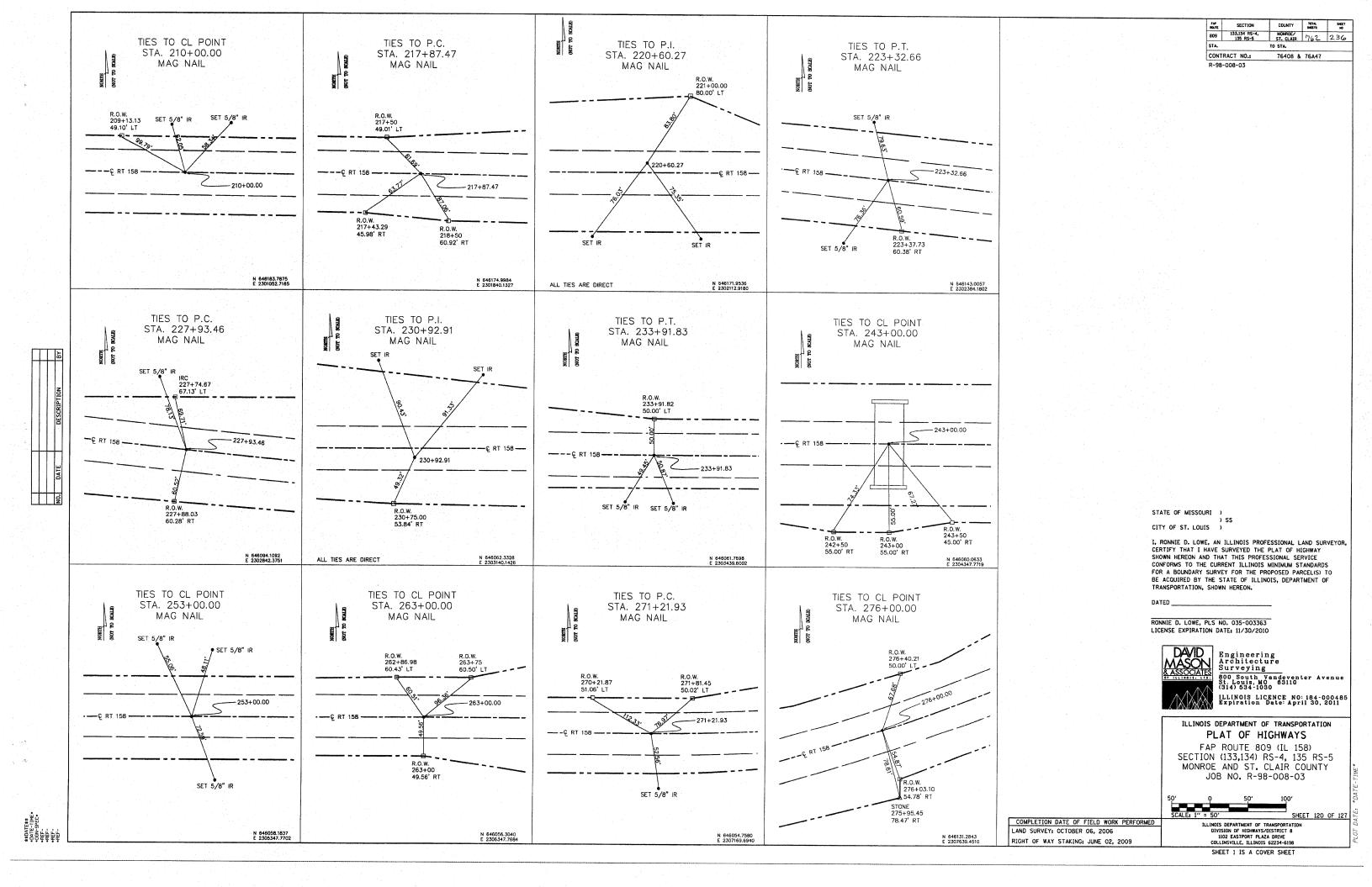


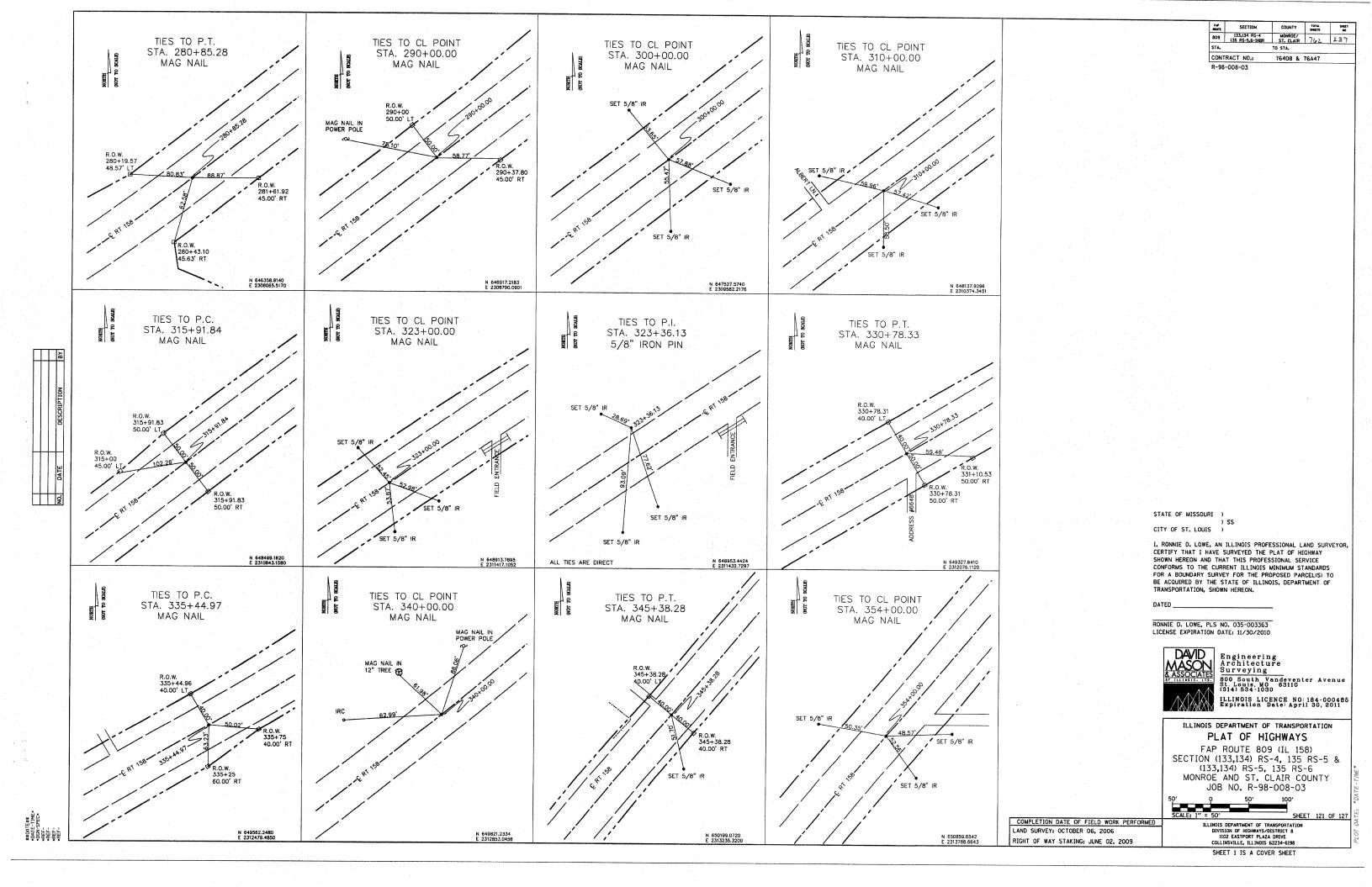


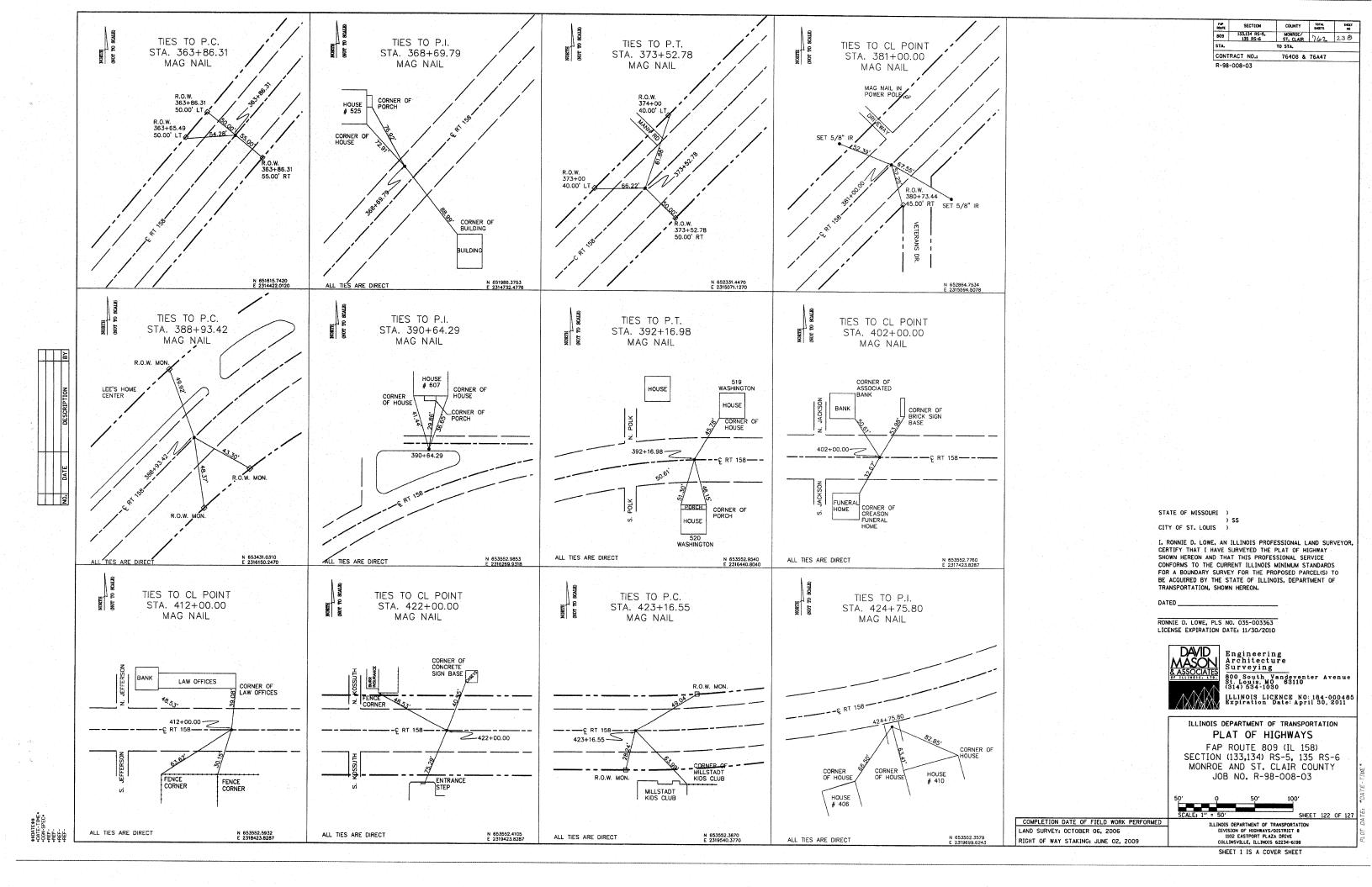


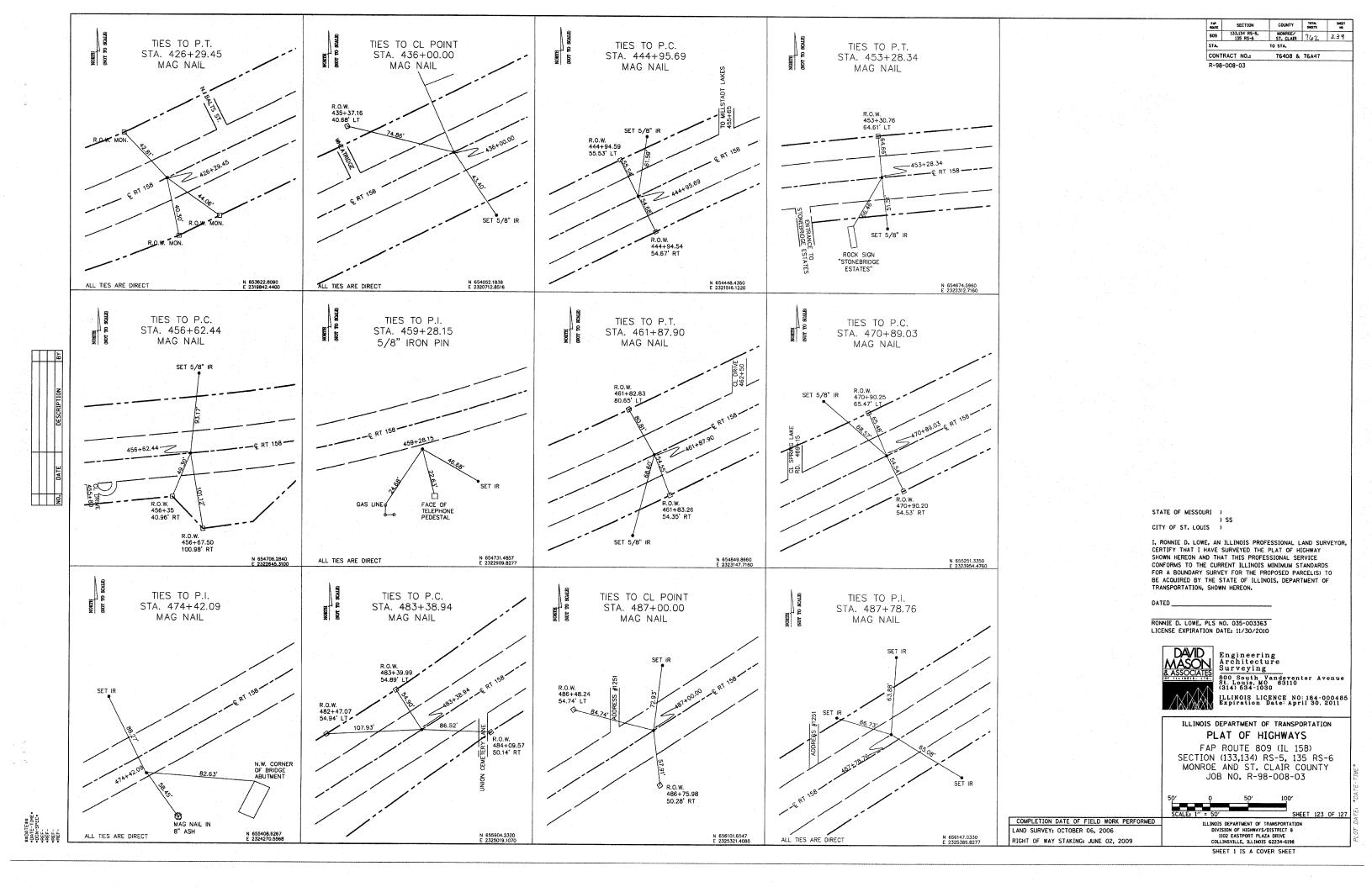


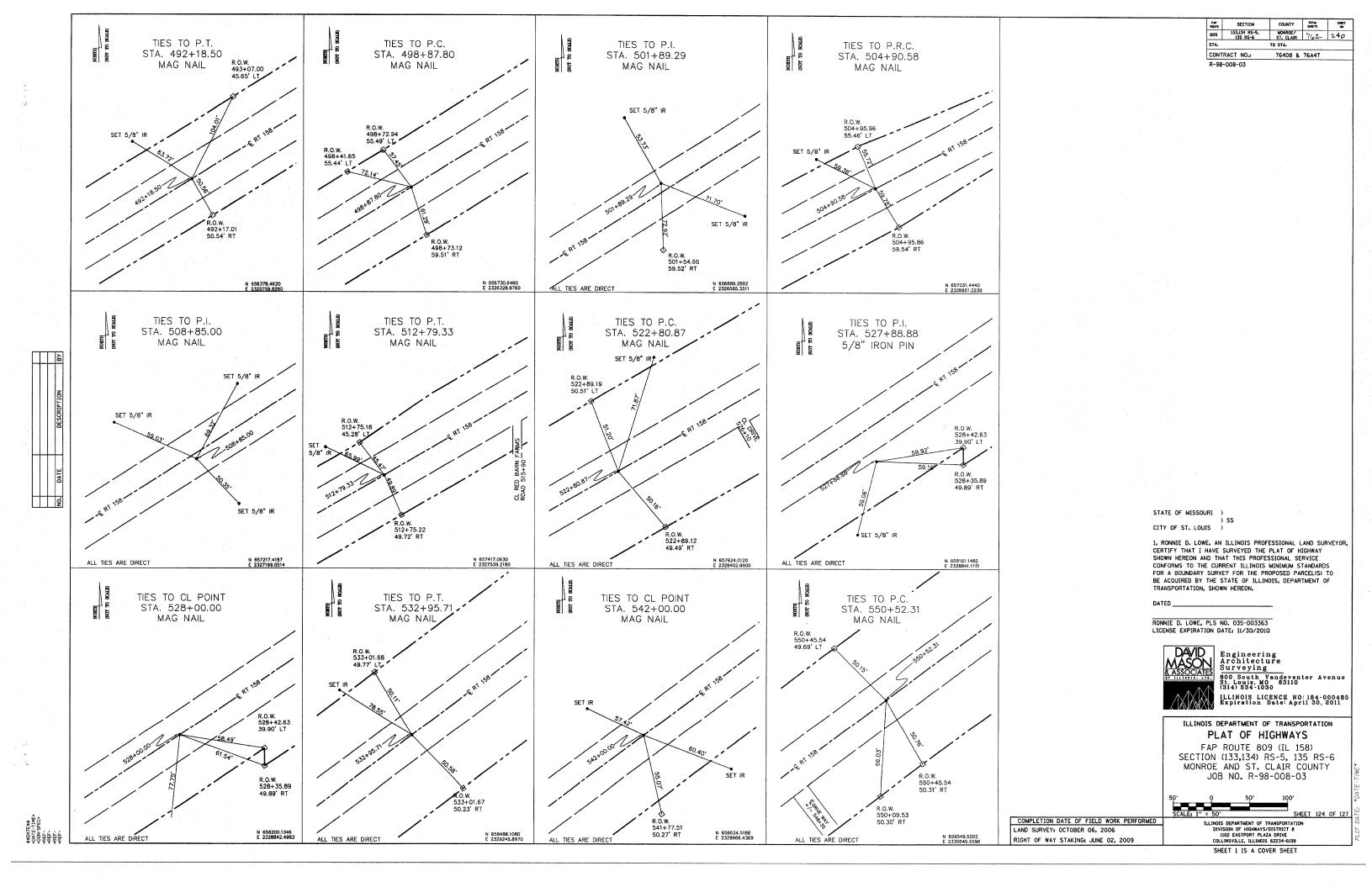


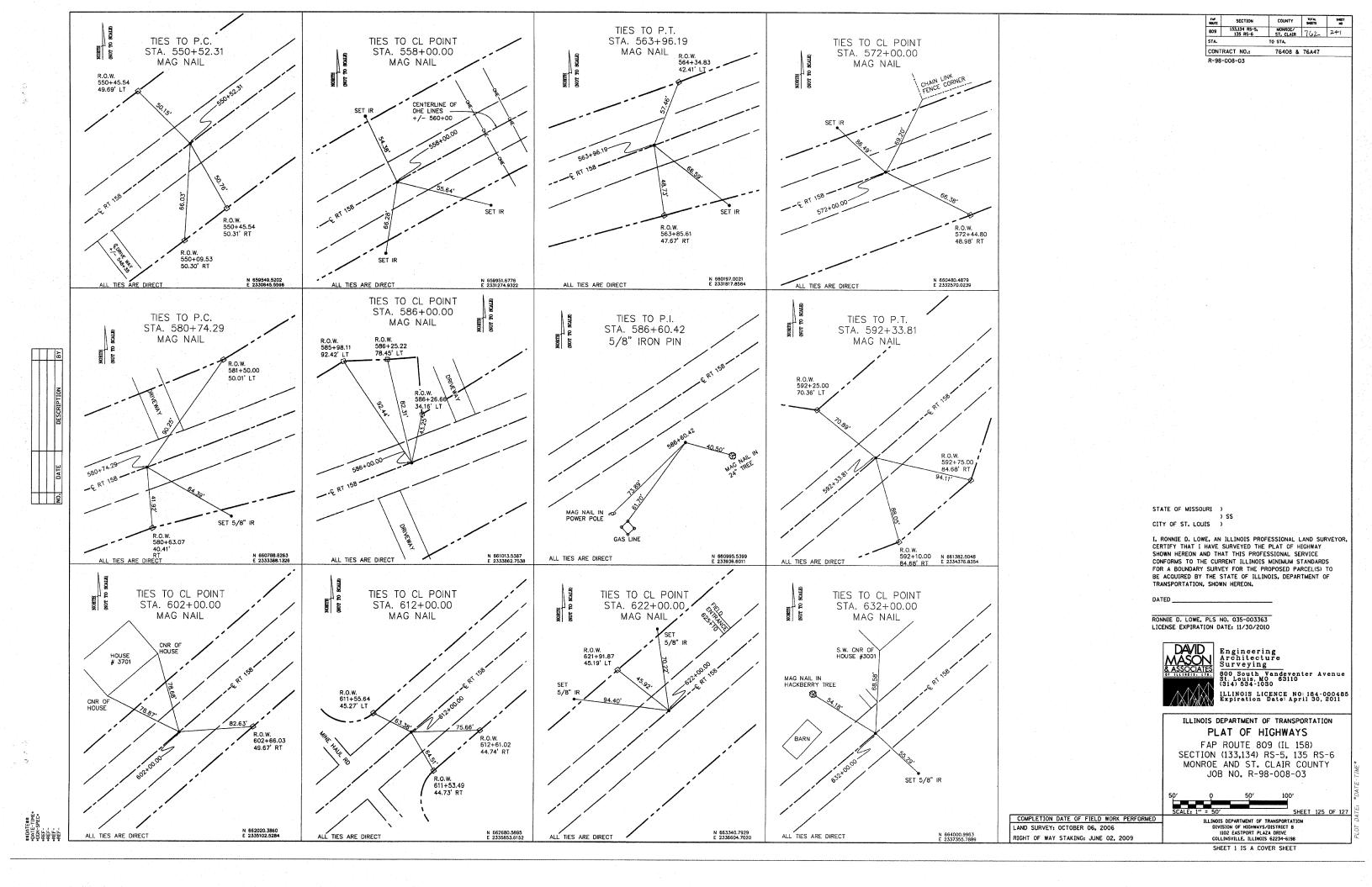


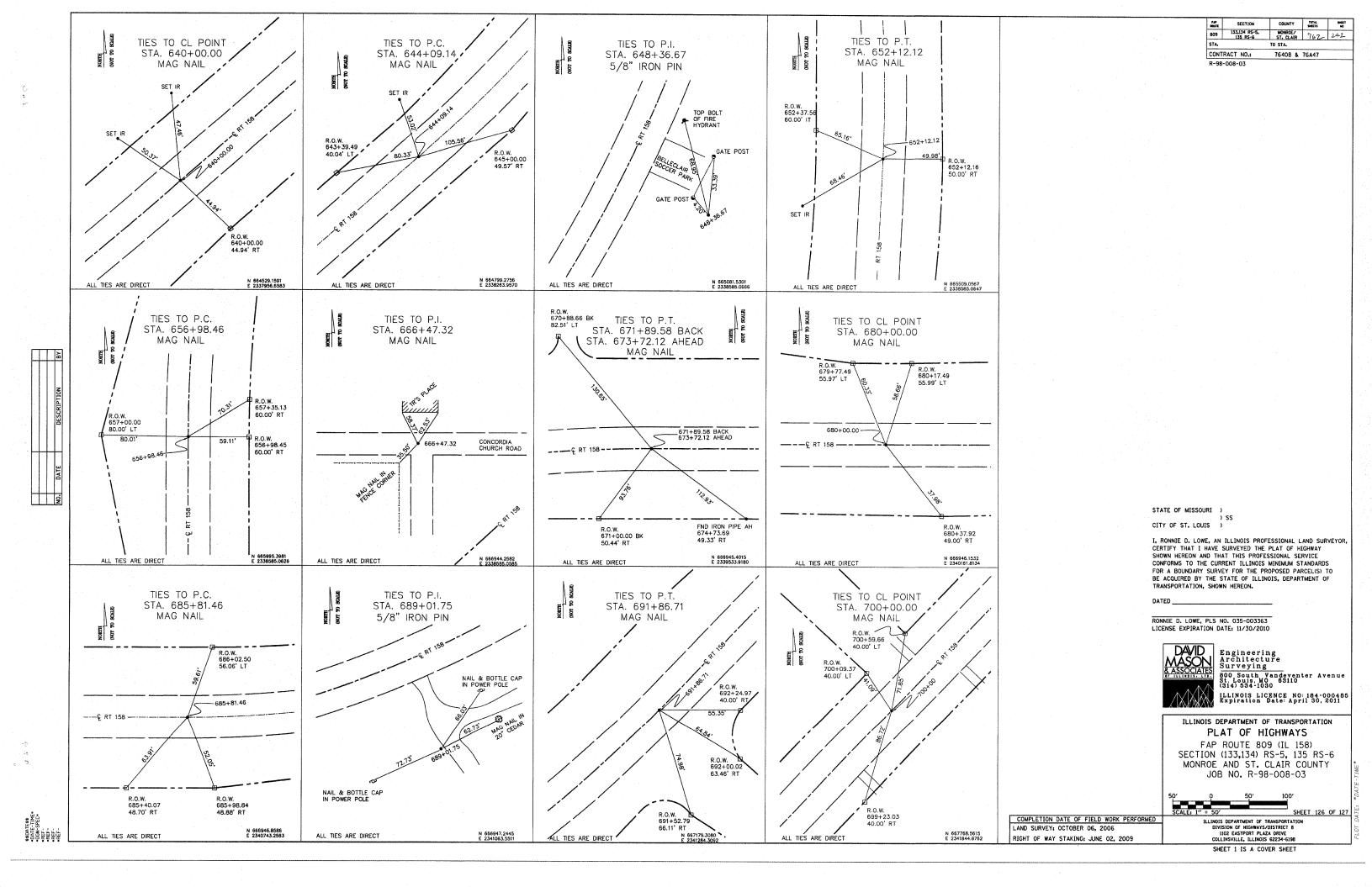


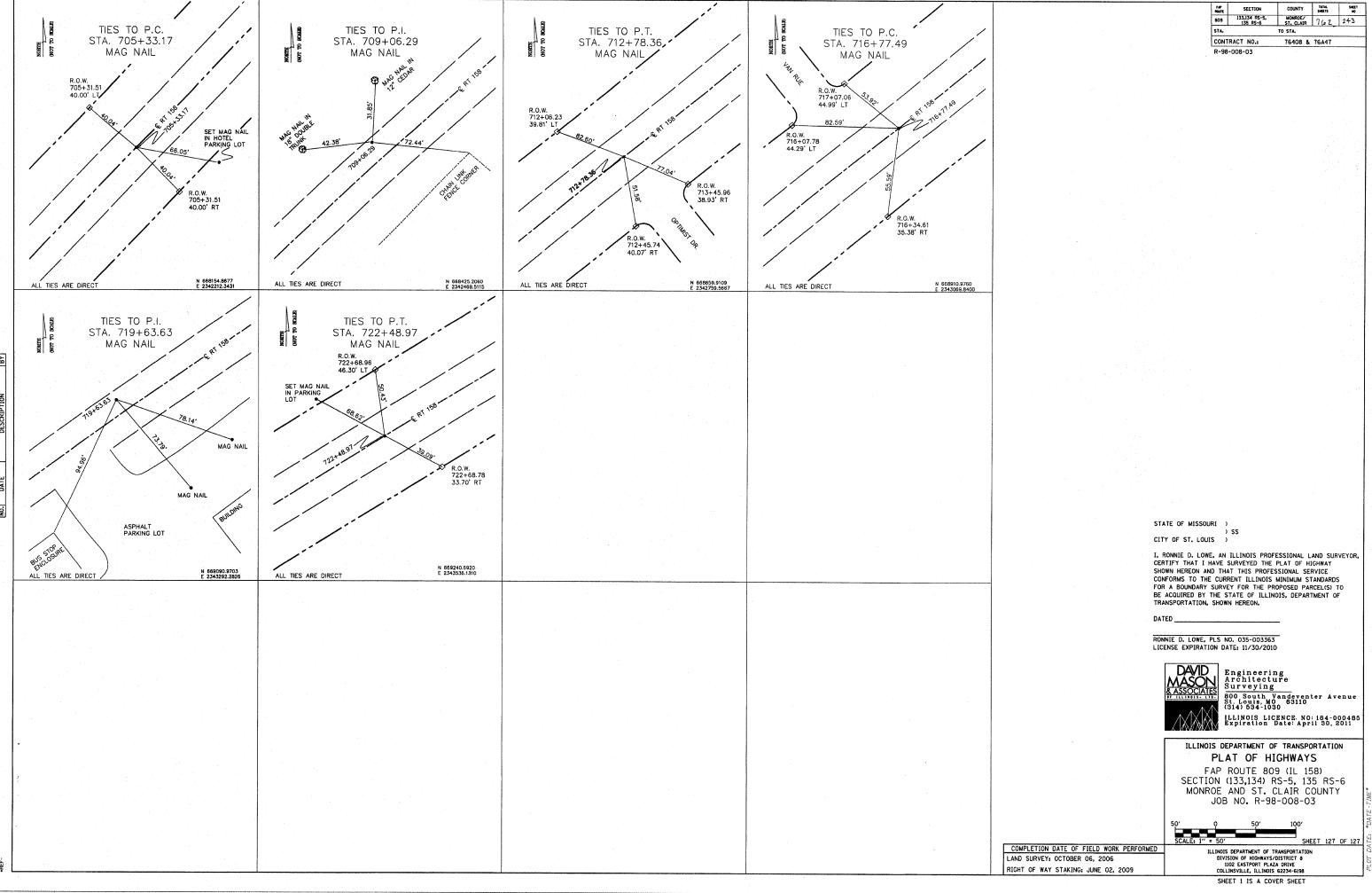


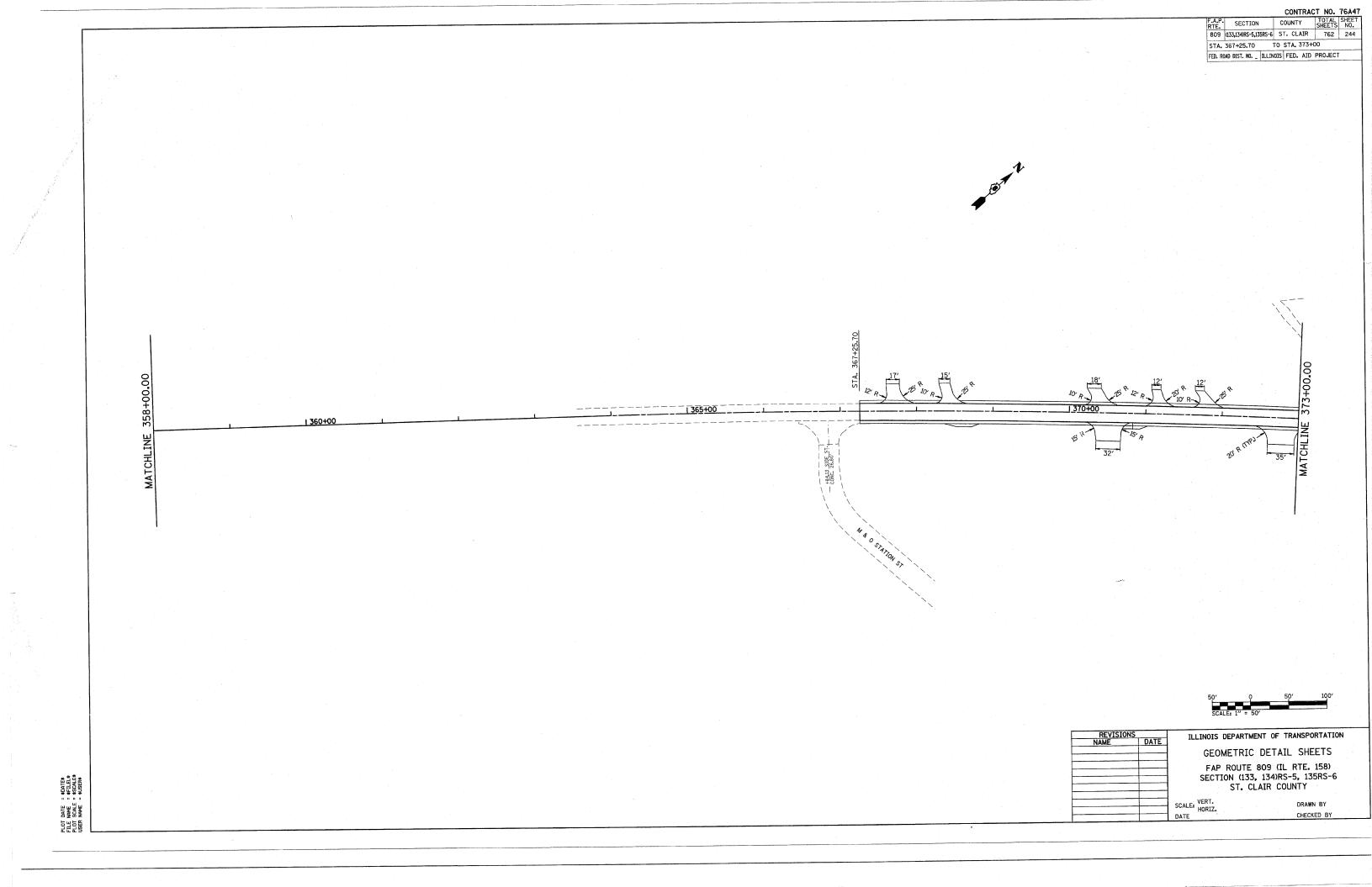


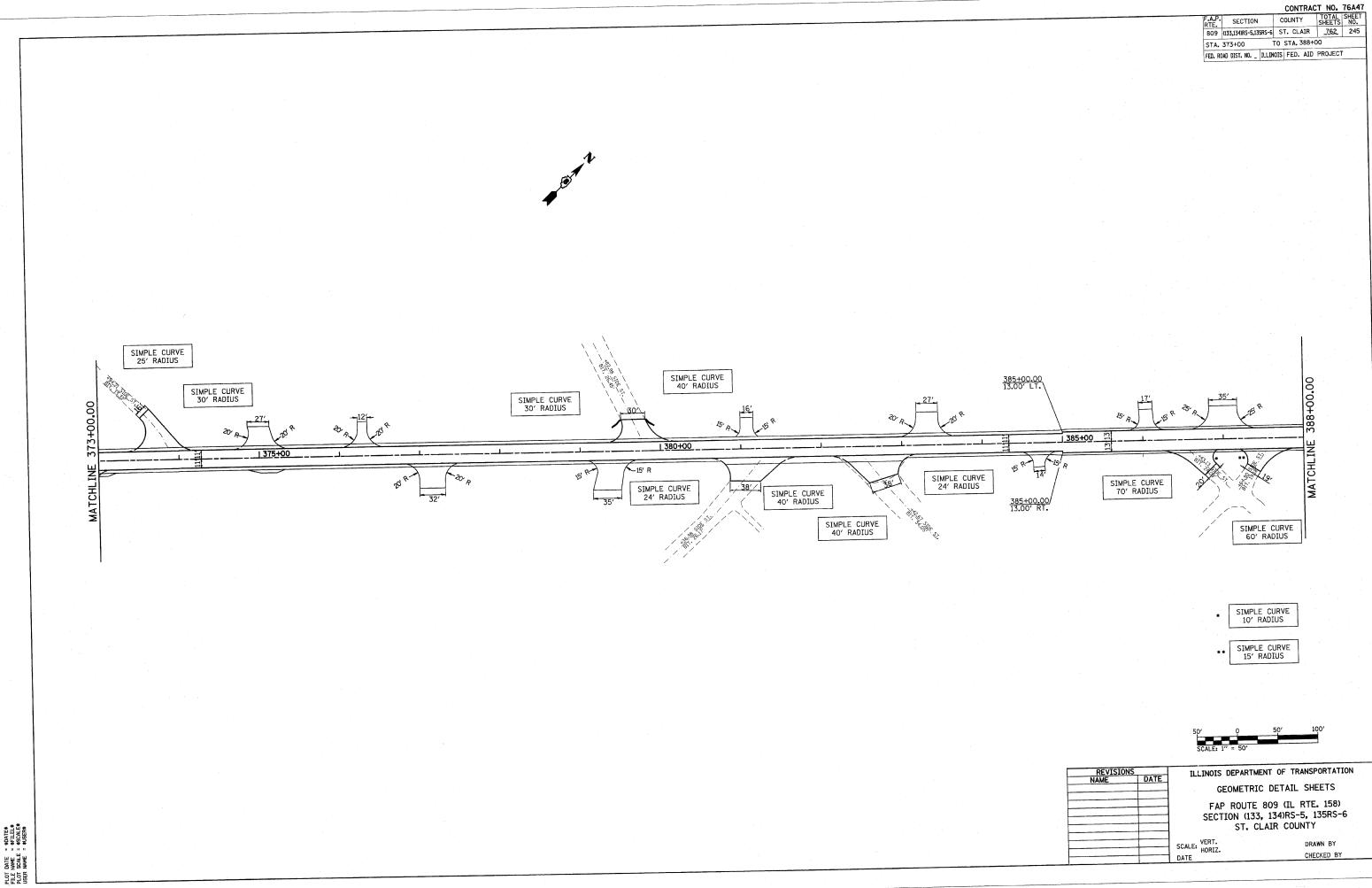




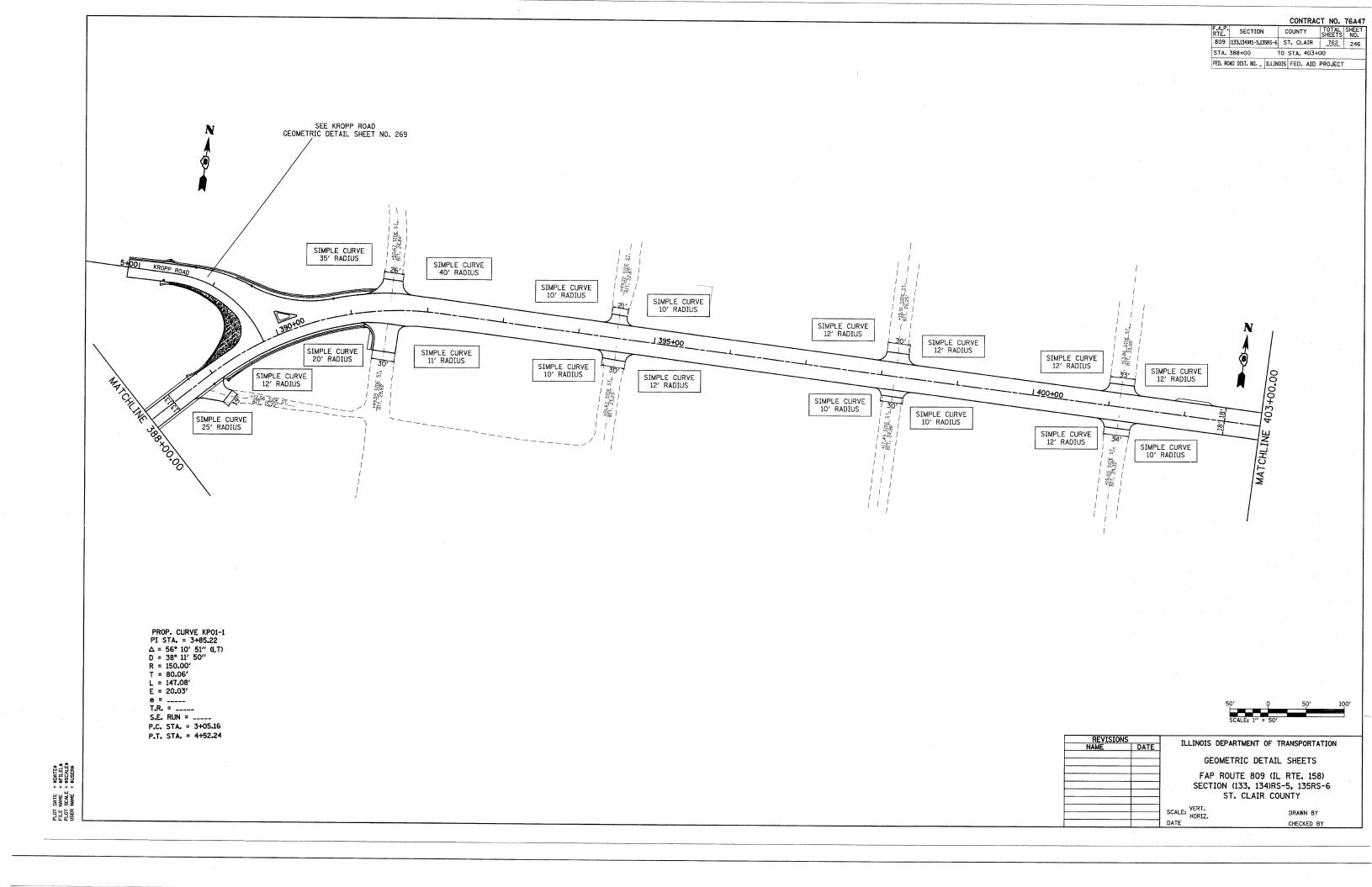


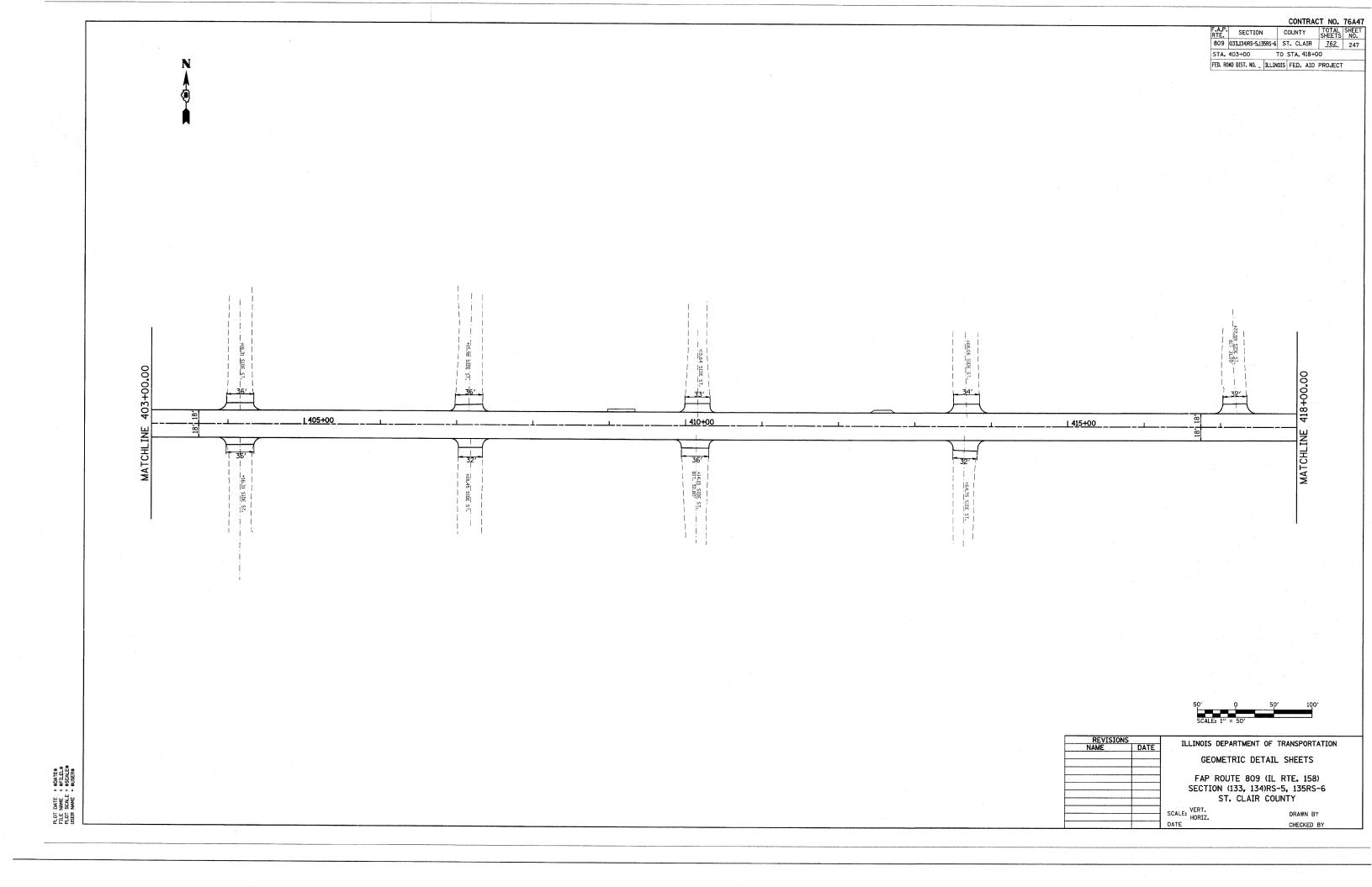




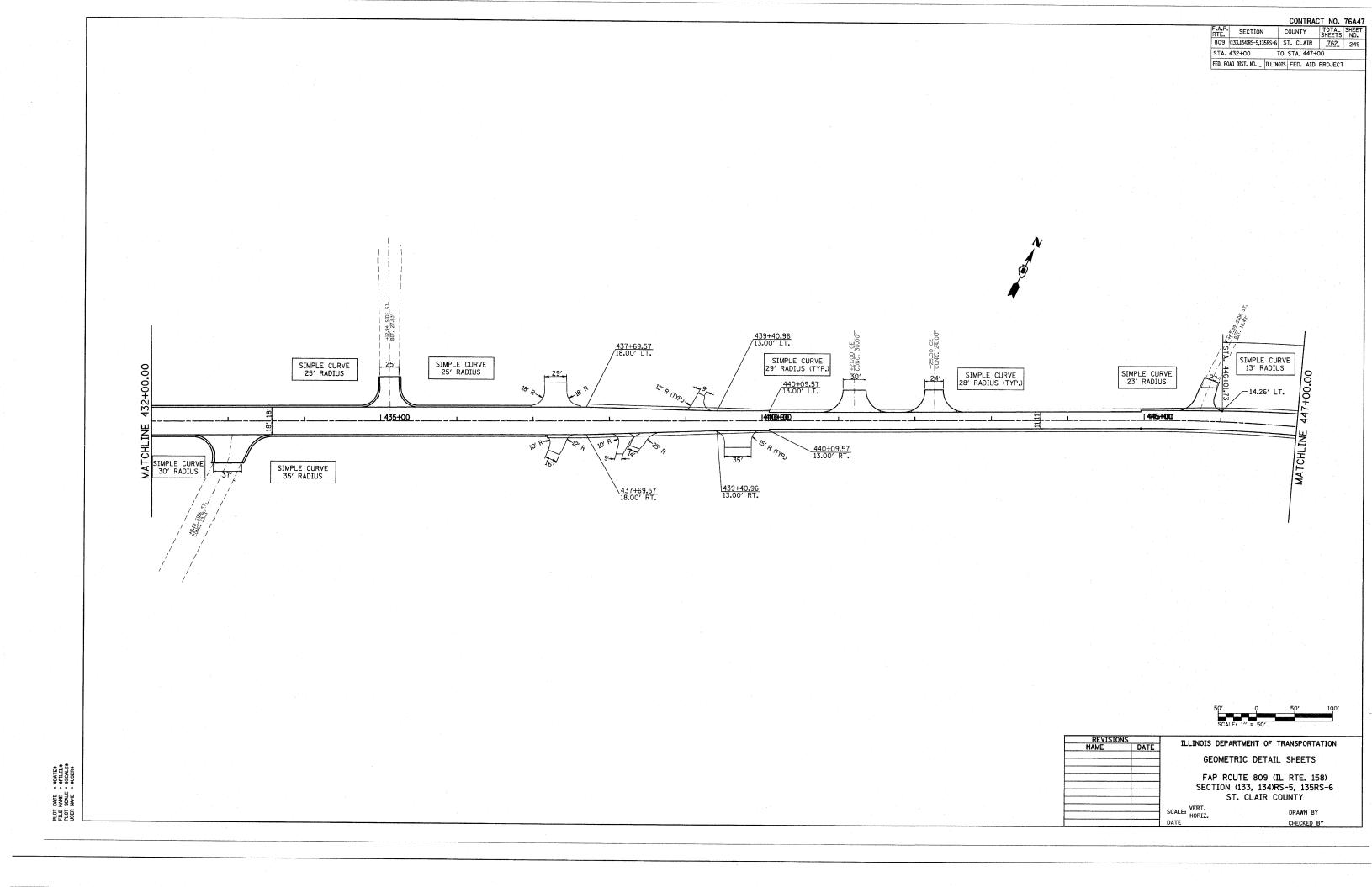


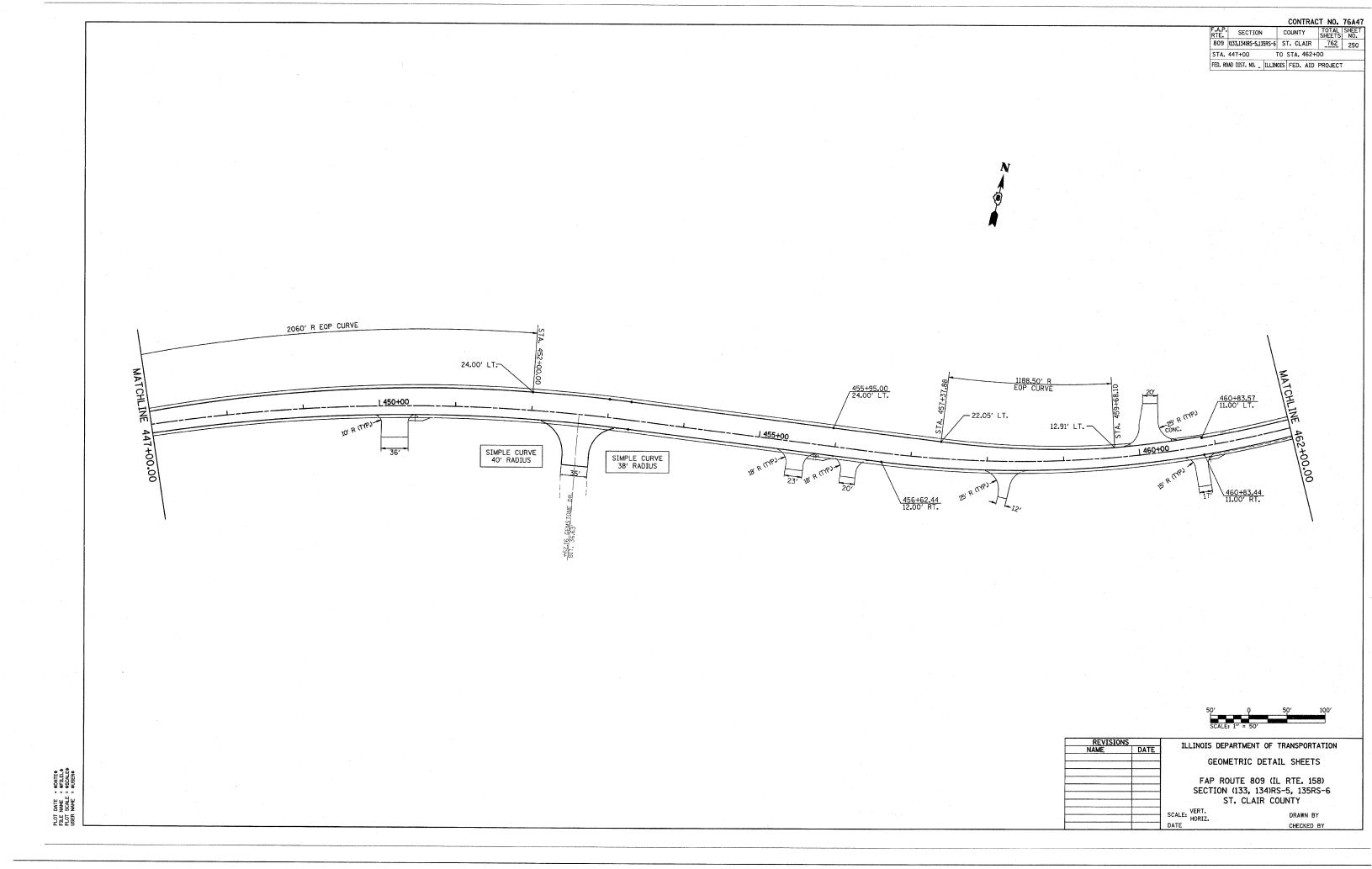
GEOMETRIC DETAIL SHEETS

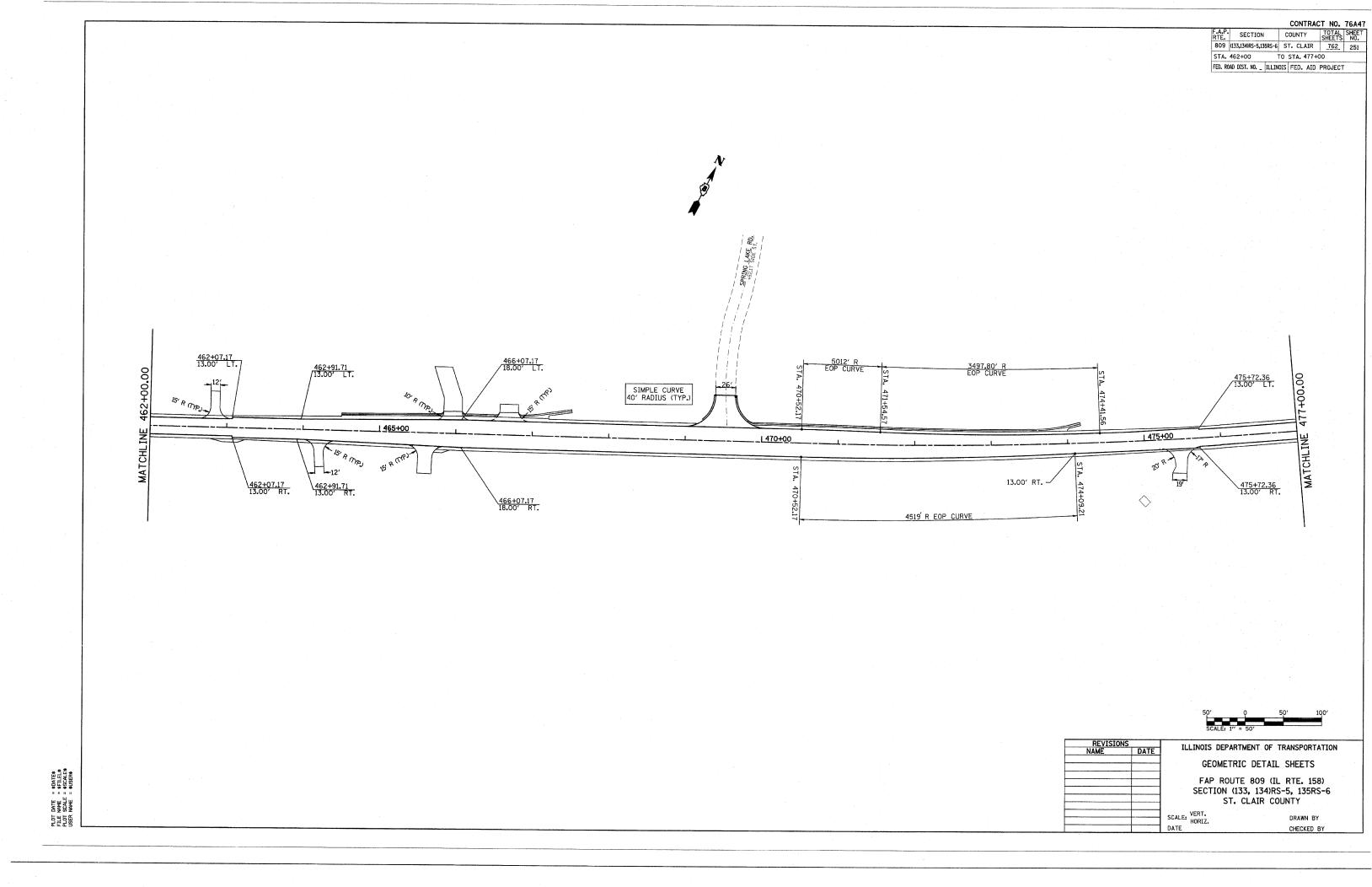


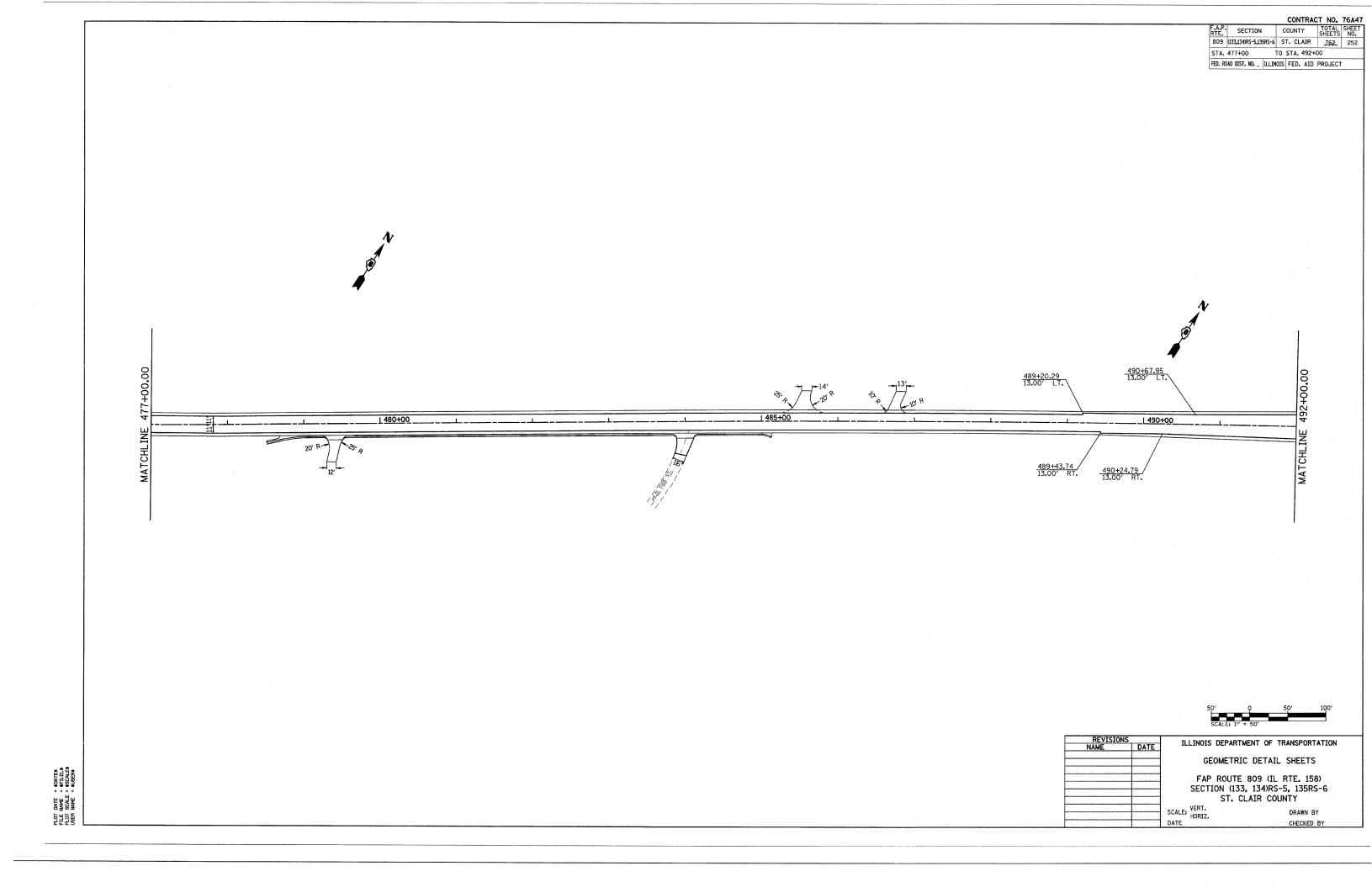


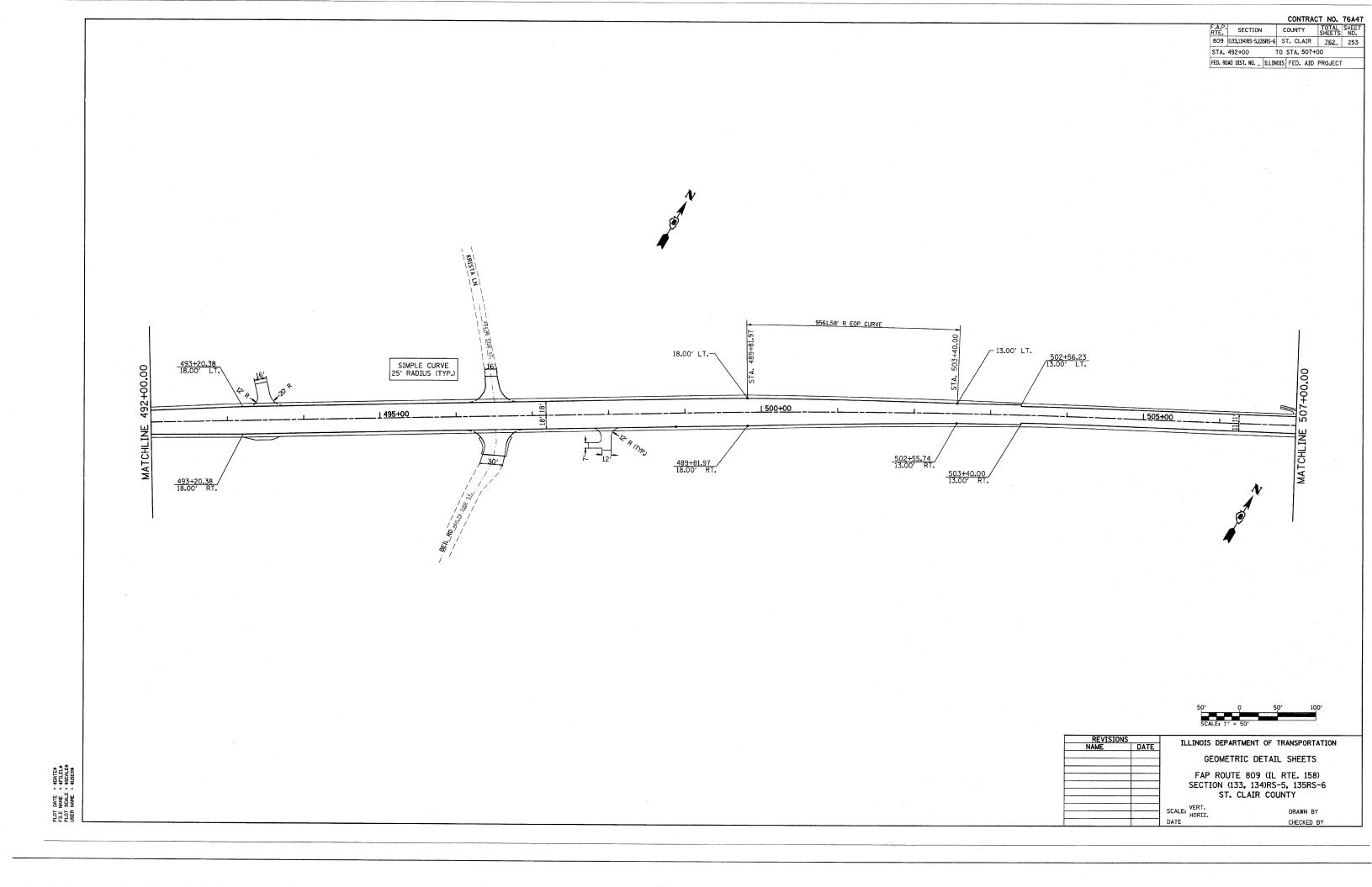
| CONTRACT NO. 76A47 | F.A.P. | SECTION | COUNTY | SHEET | SHEET | SHOOL | SHEET | SHOOL | SHO STA. 418+00 TO STA. 432+00 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT SIMPLE CURVE 35' RADIUS (TYP.) SIMPLE CURVE 20' RADIUS SIMPLE CURVE 30' RADIUS ILLINOIS DEPARTMENT OF TRANSPORTATION GEOMETRIC DETAIL SHEETS PLOT DATE = \$DATE\$ FILE NAME = \$FILEL\$ PLOT SCALE = \$SCALE\$ USER NAME = \$USER\$ FAP ROUTE 809 (IL RTE. 158) SECTION (133, 134)RS-5, 135RS-6 ST. CLAIR COUNTY SCALE: VERT. DATE CHECKED BY

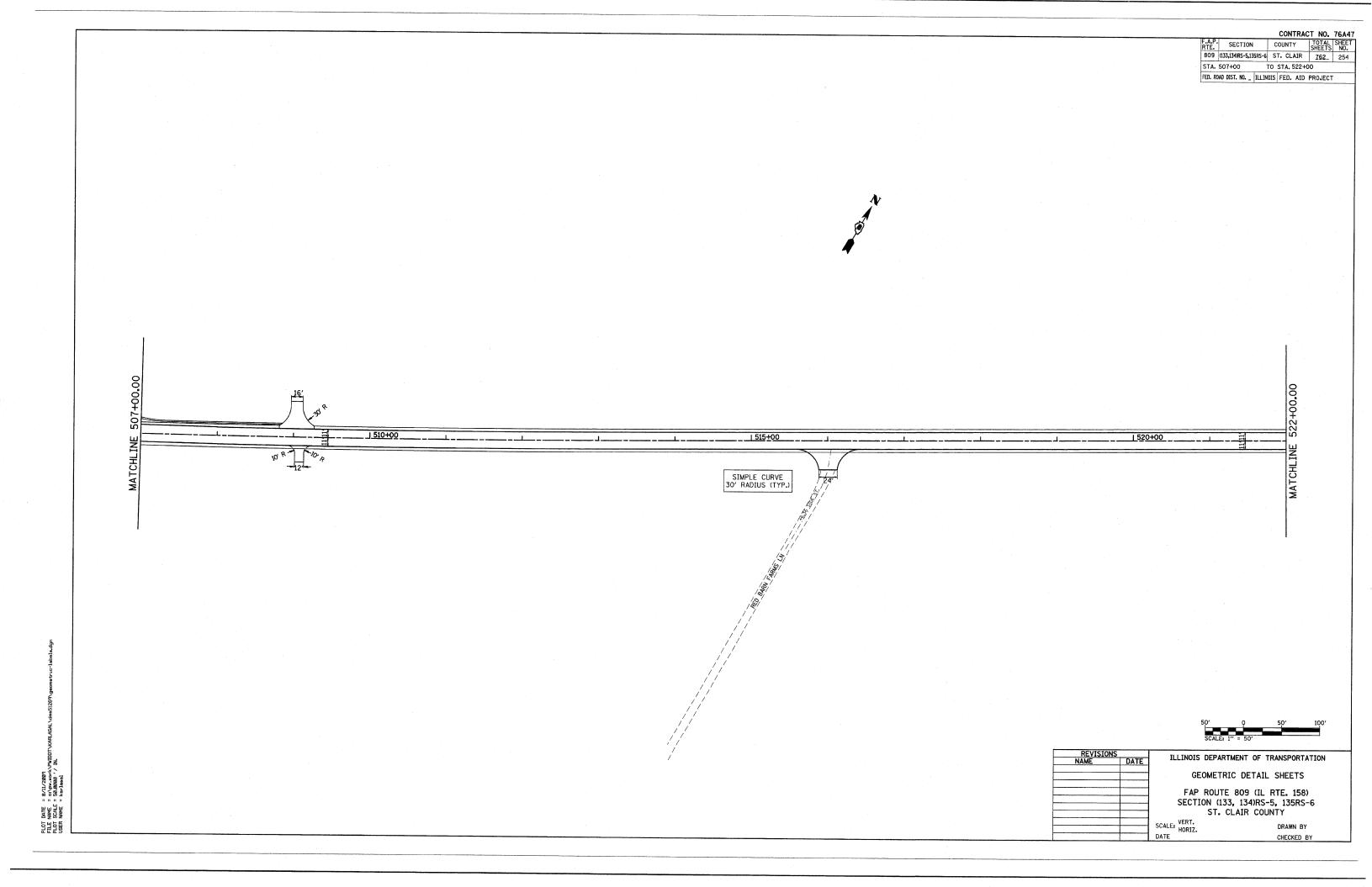


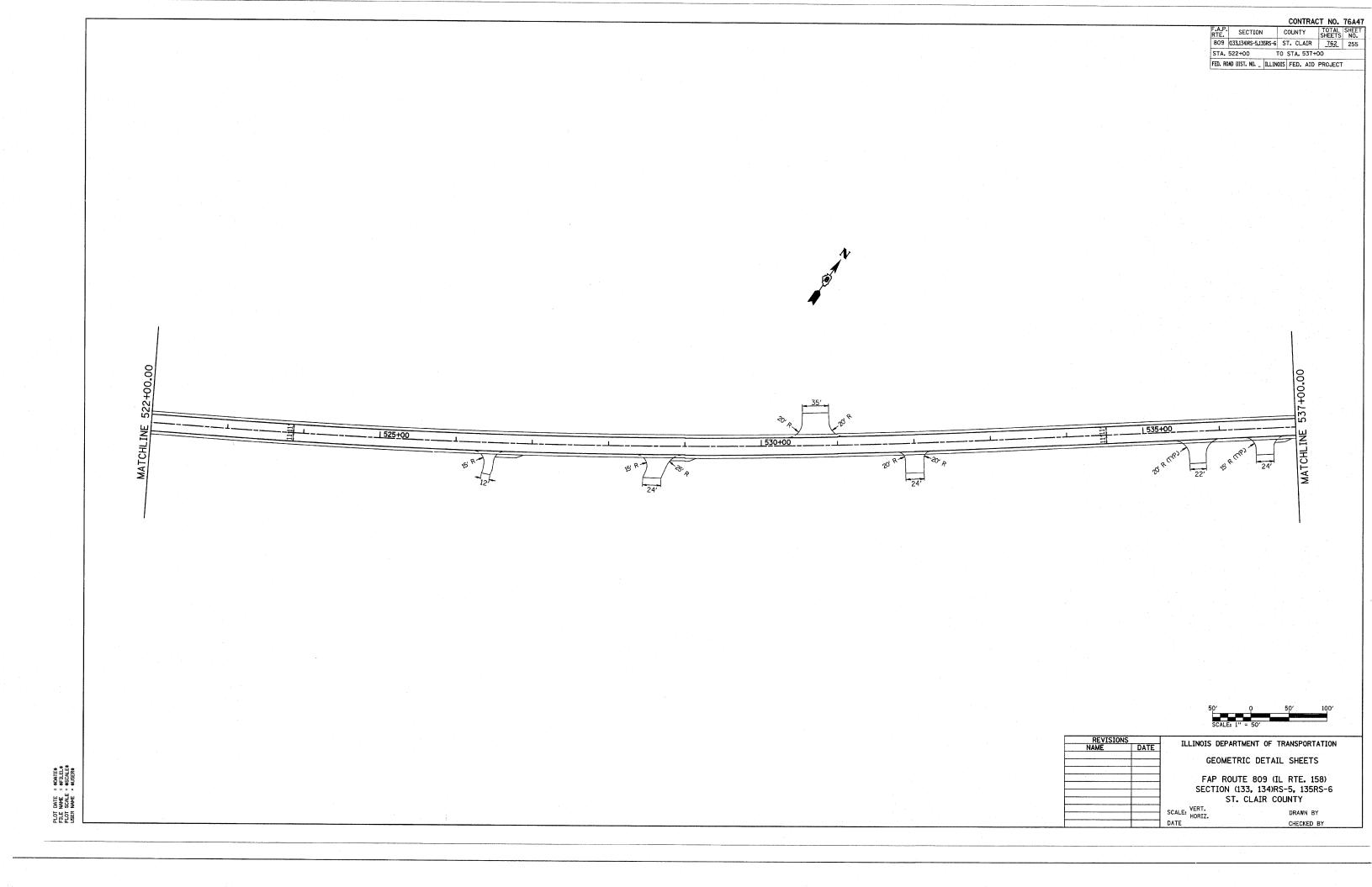


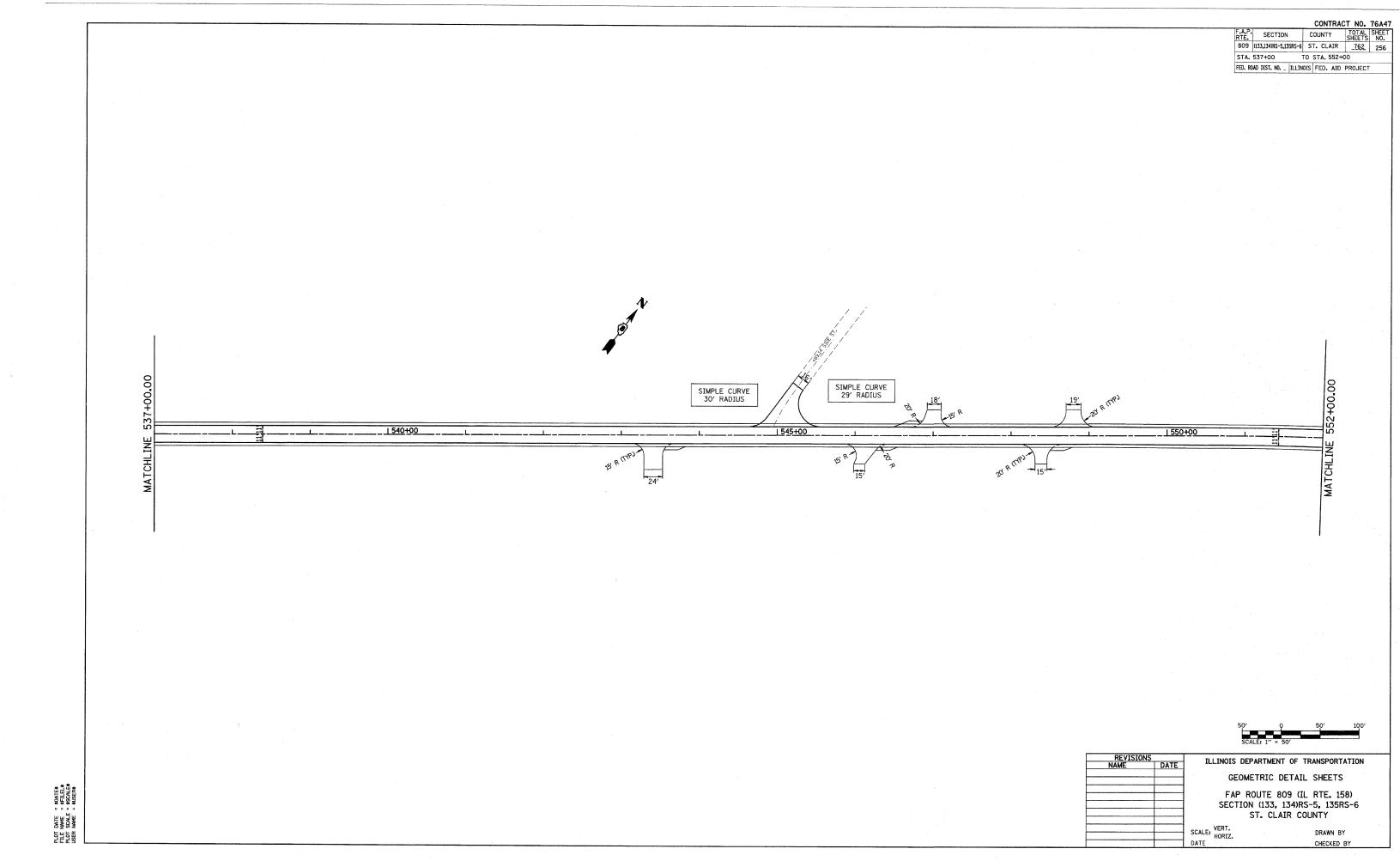


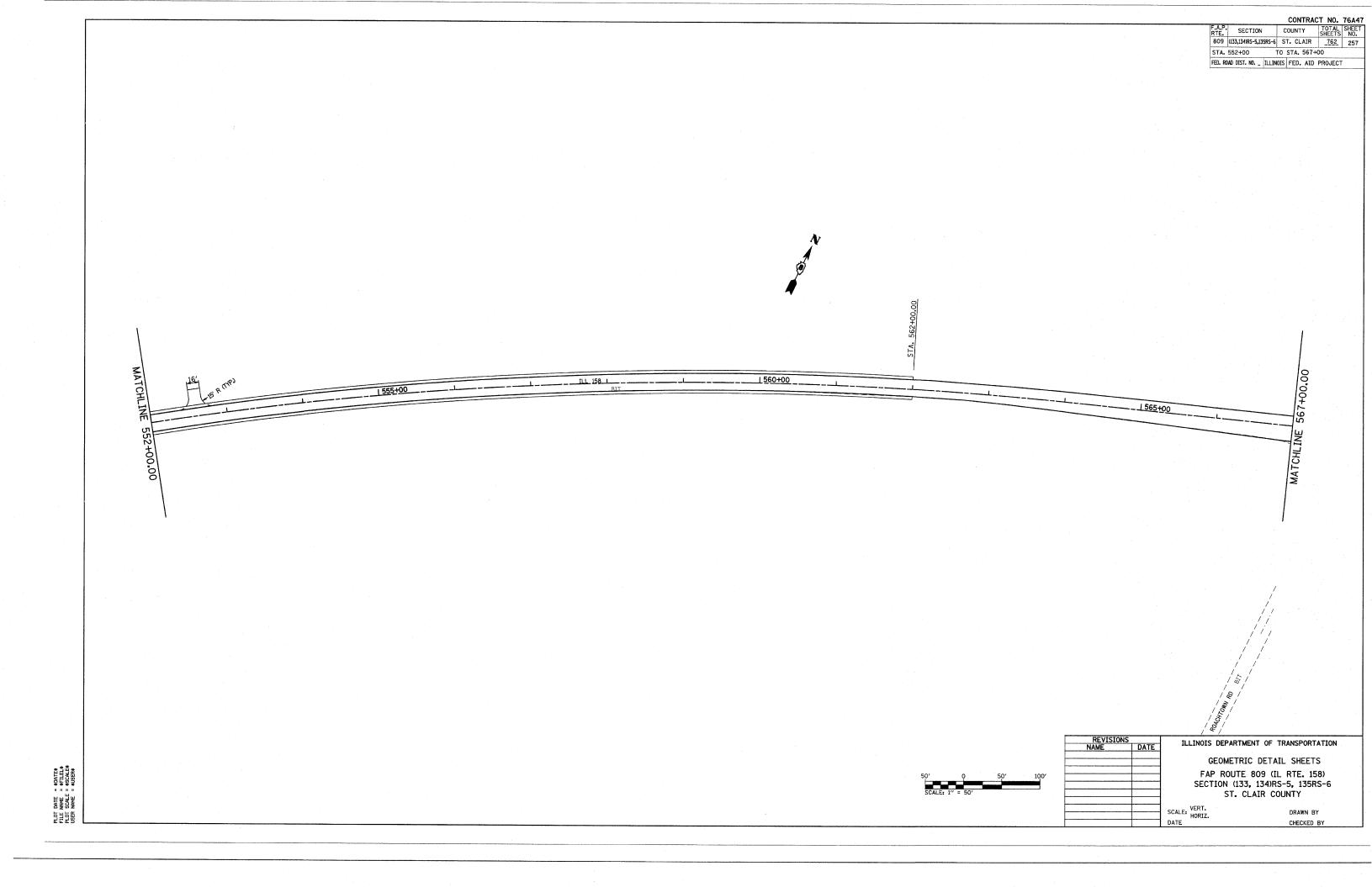


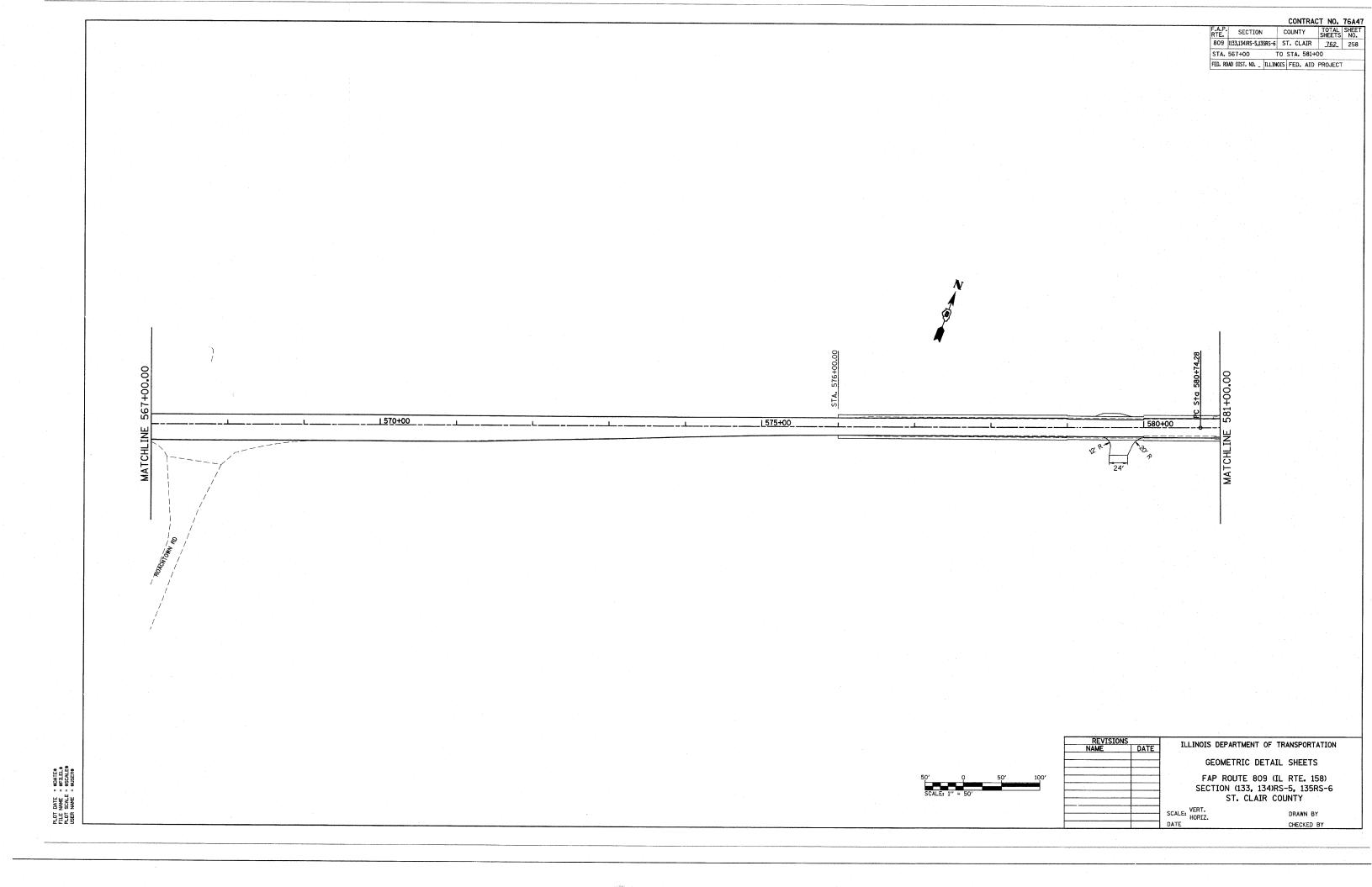


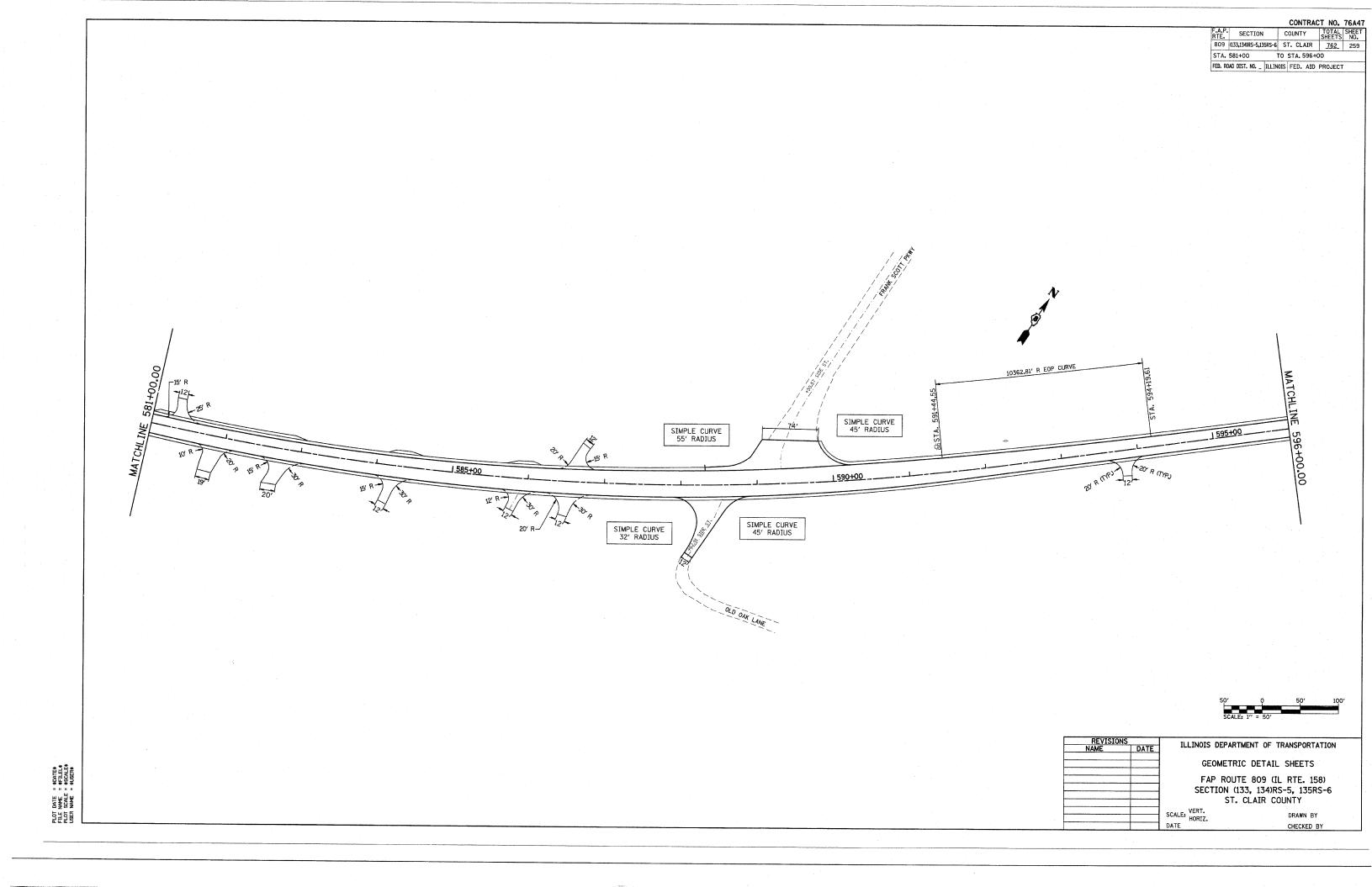


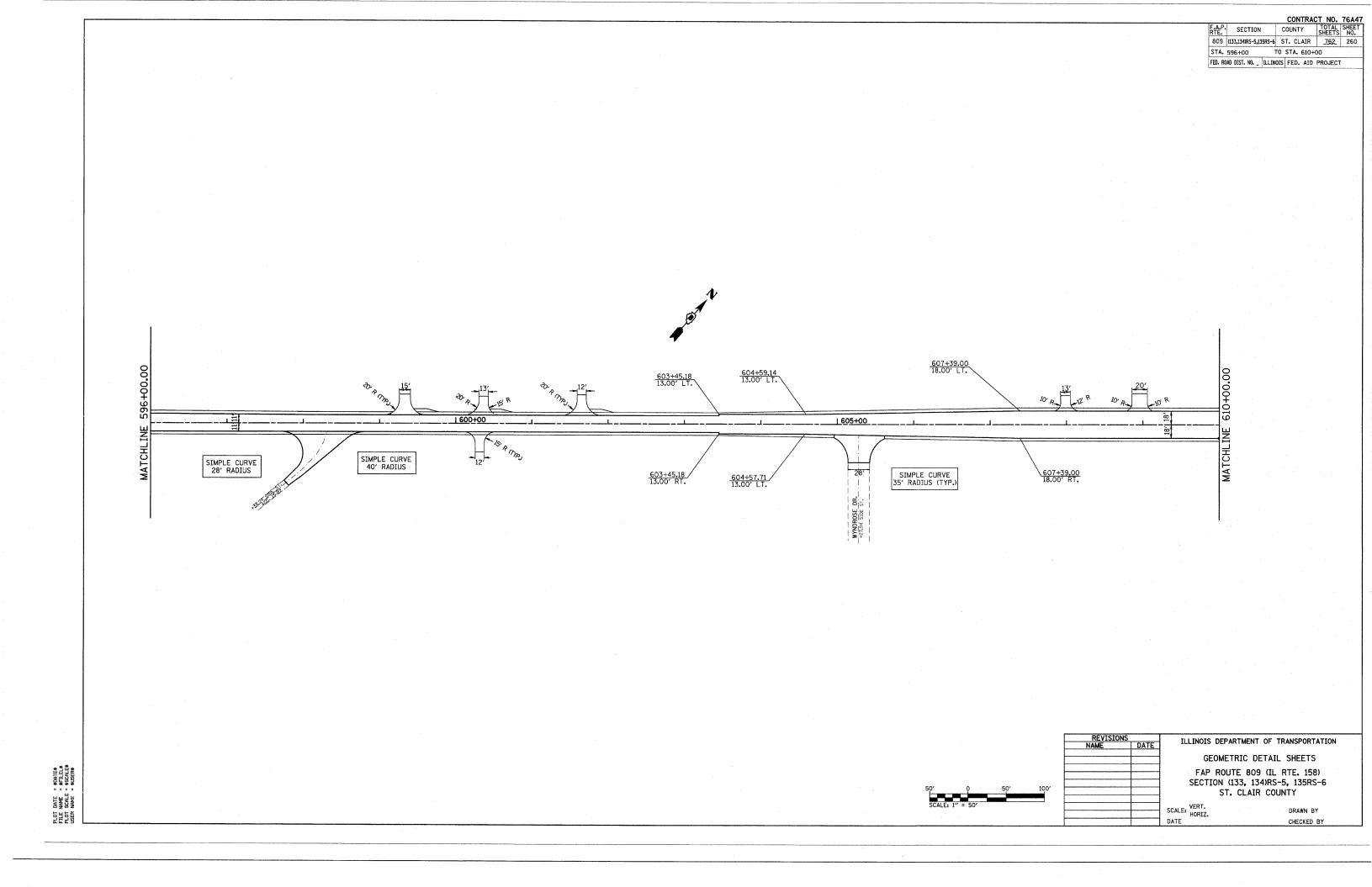


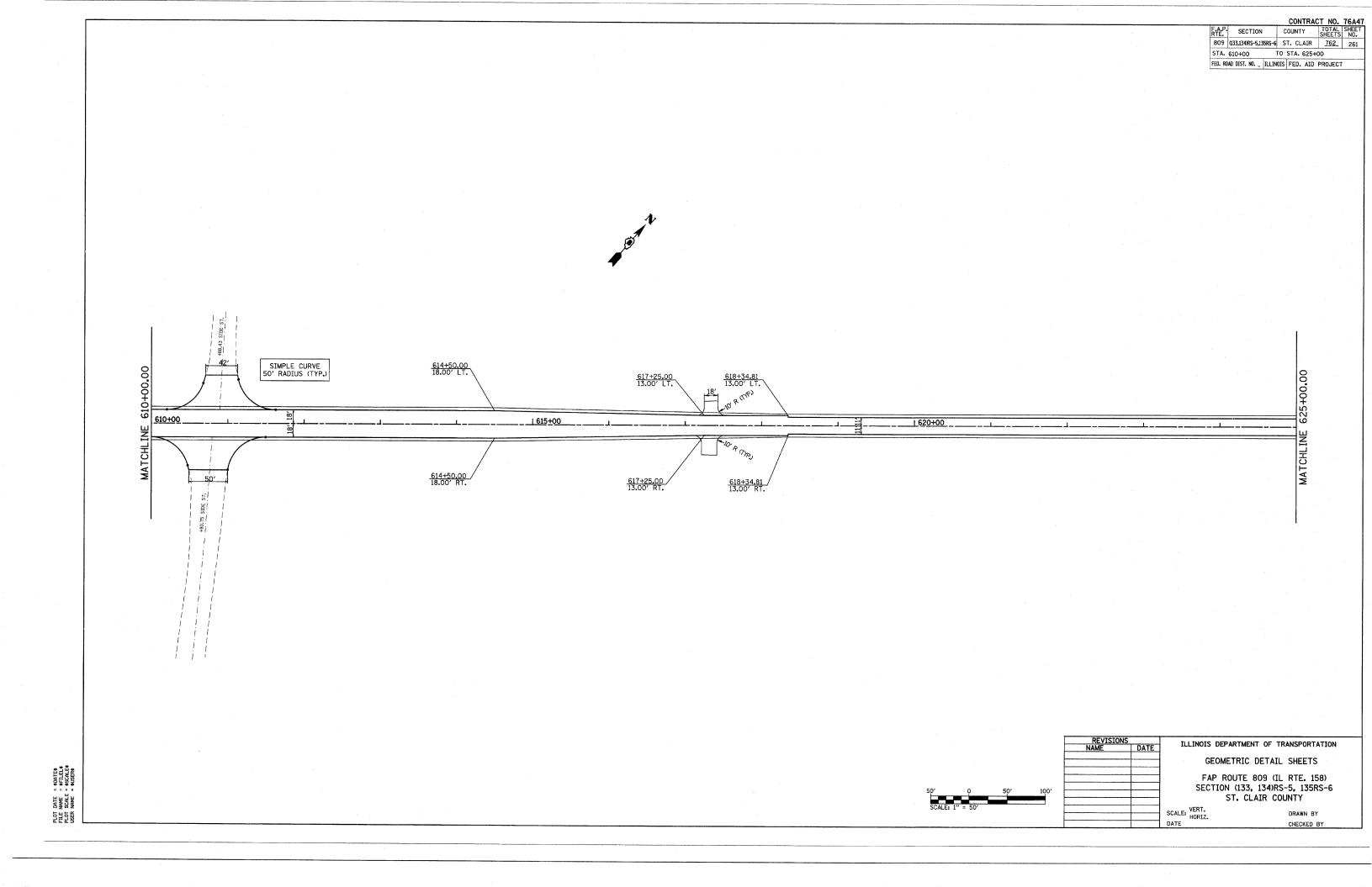


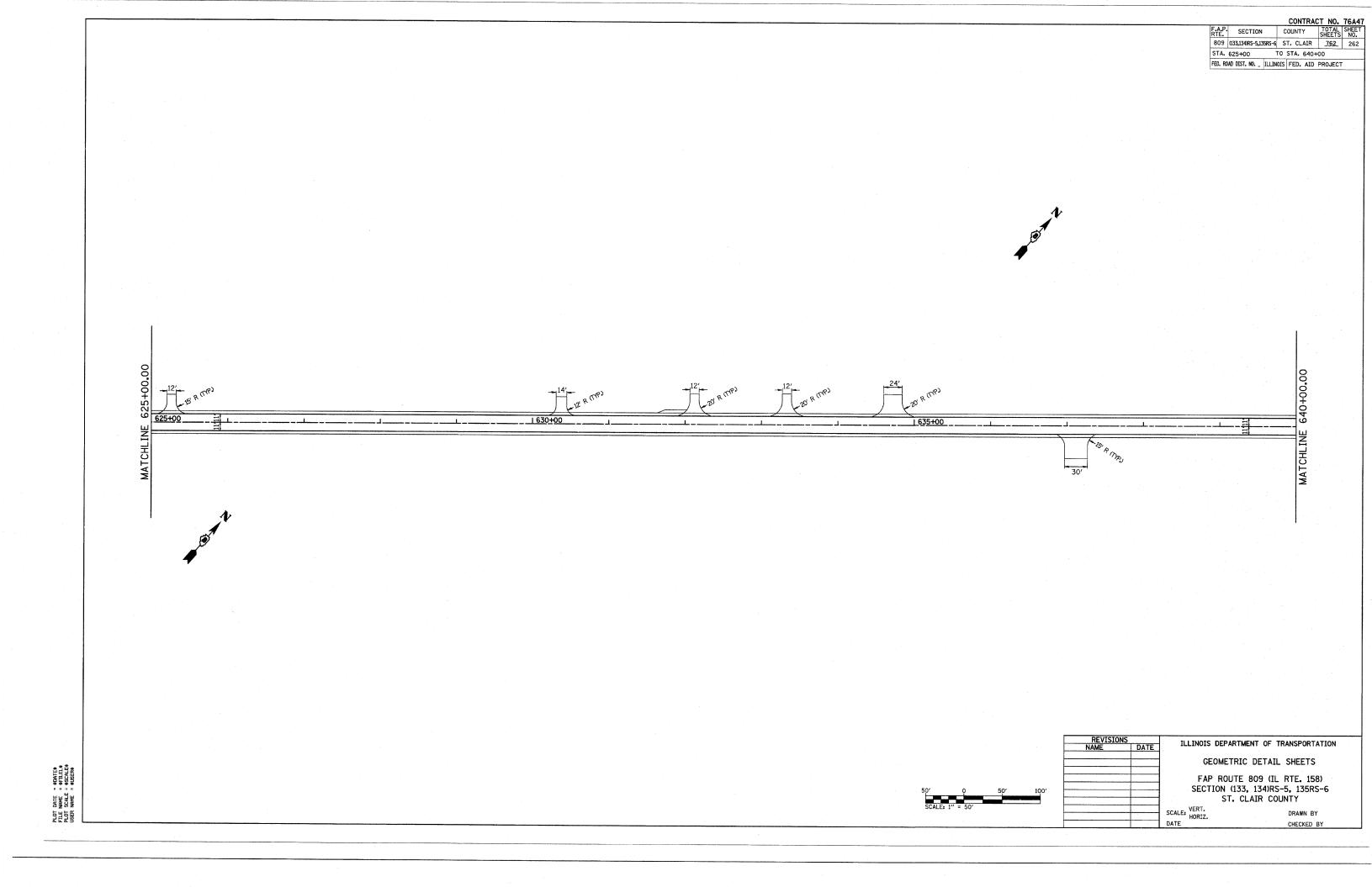


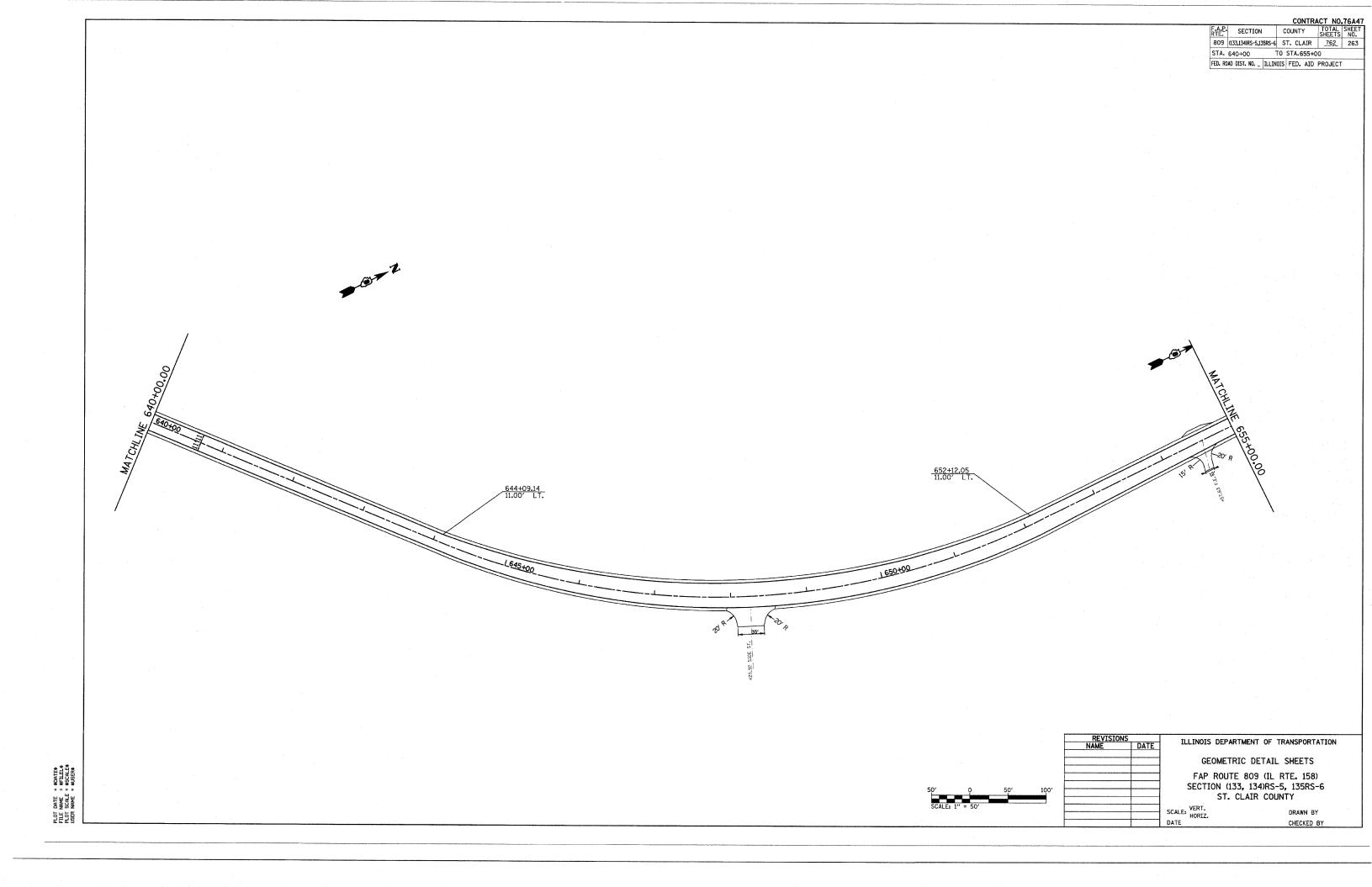


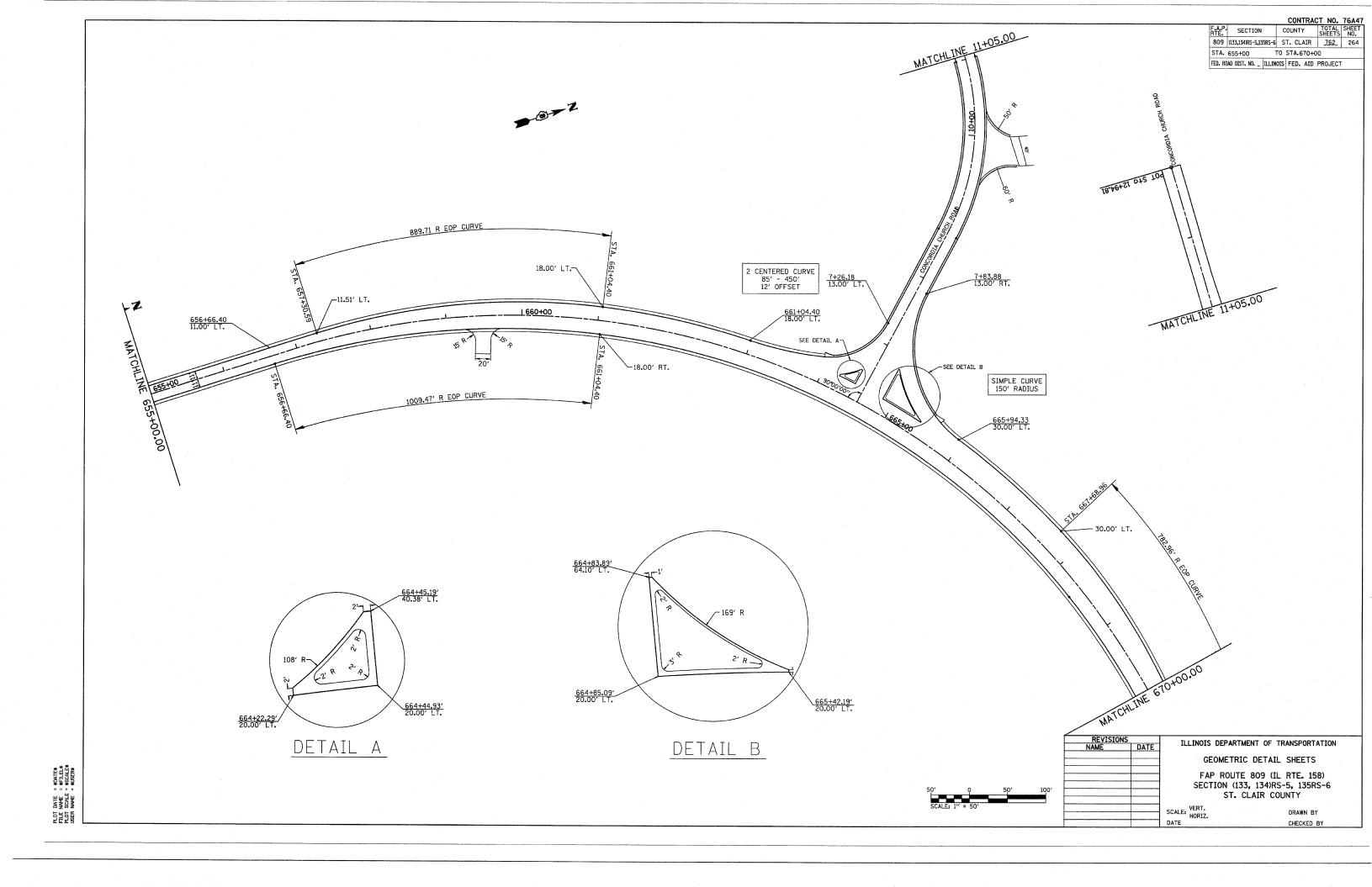


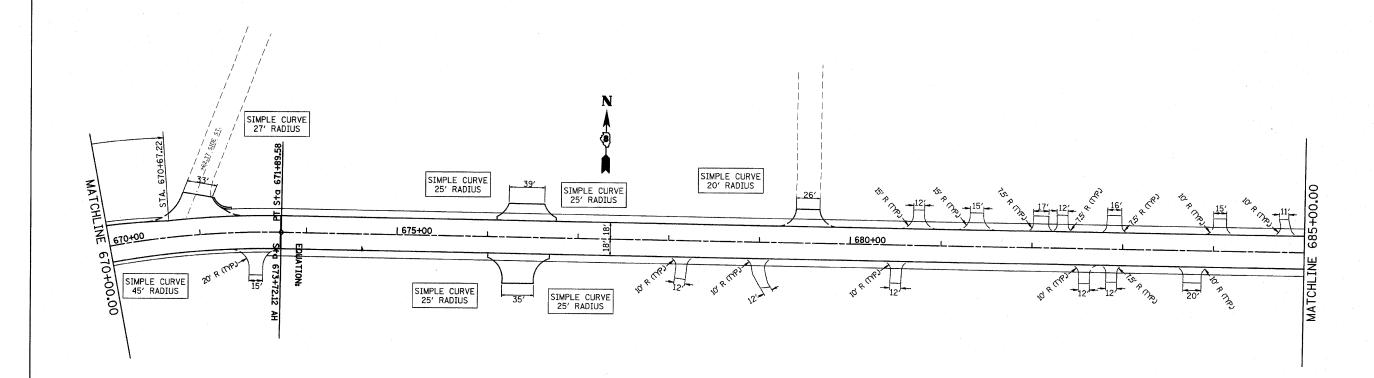












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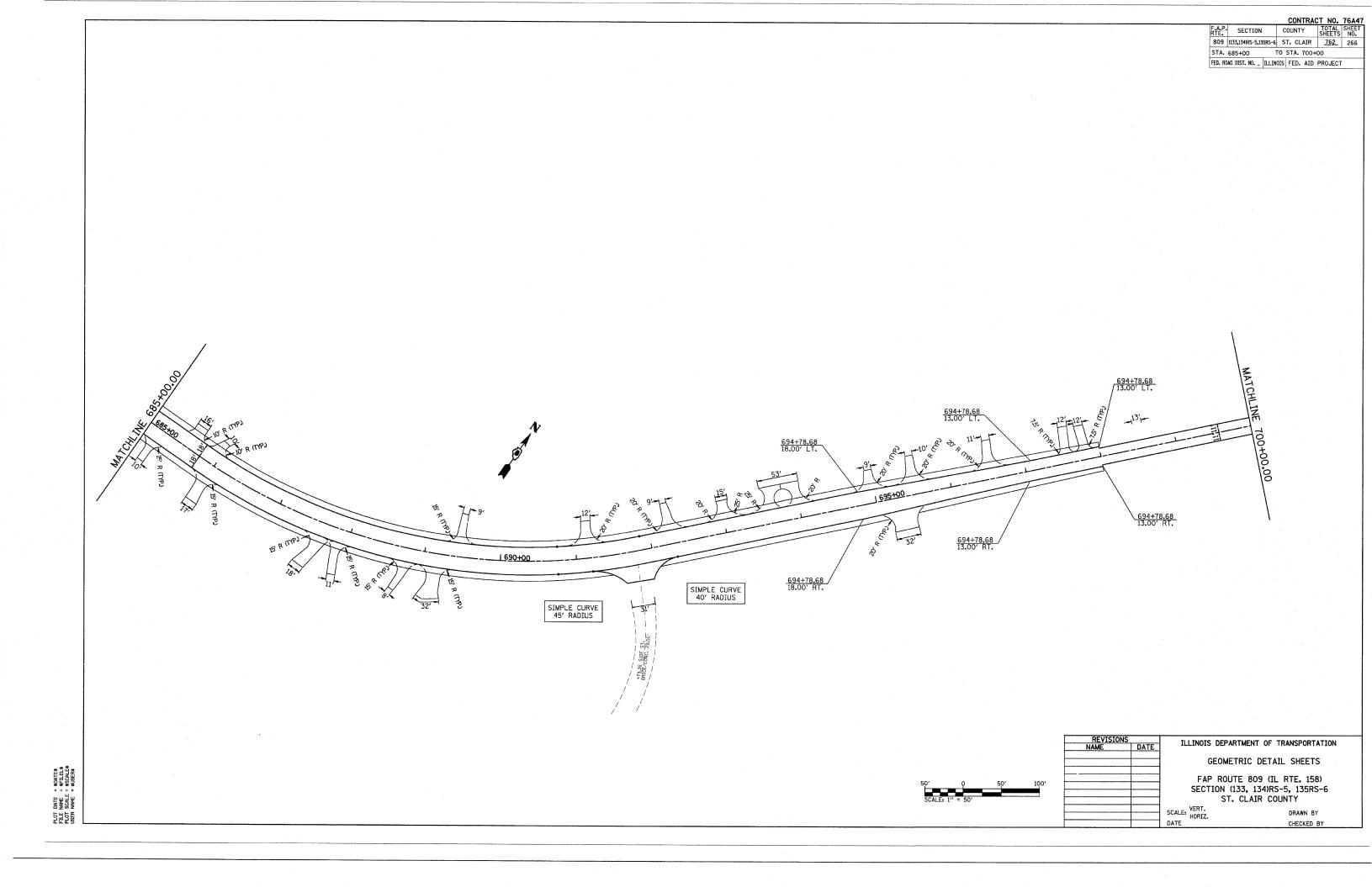
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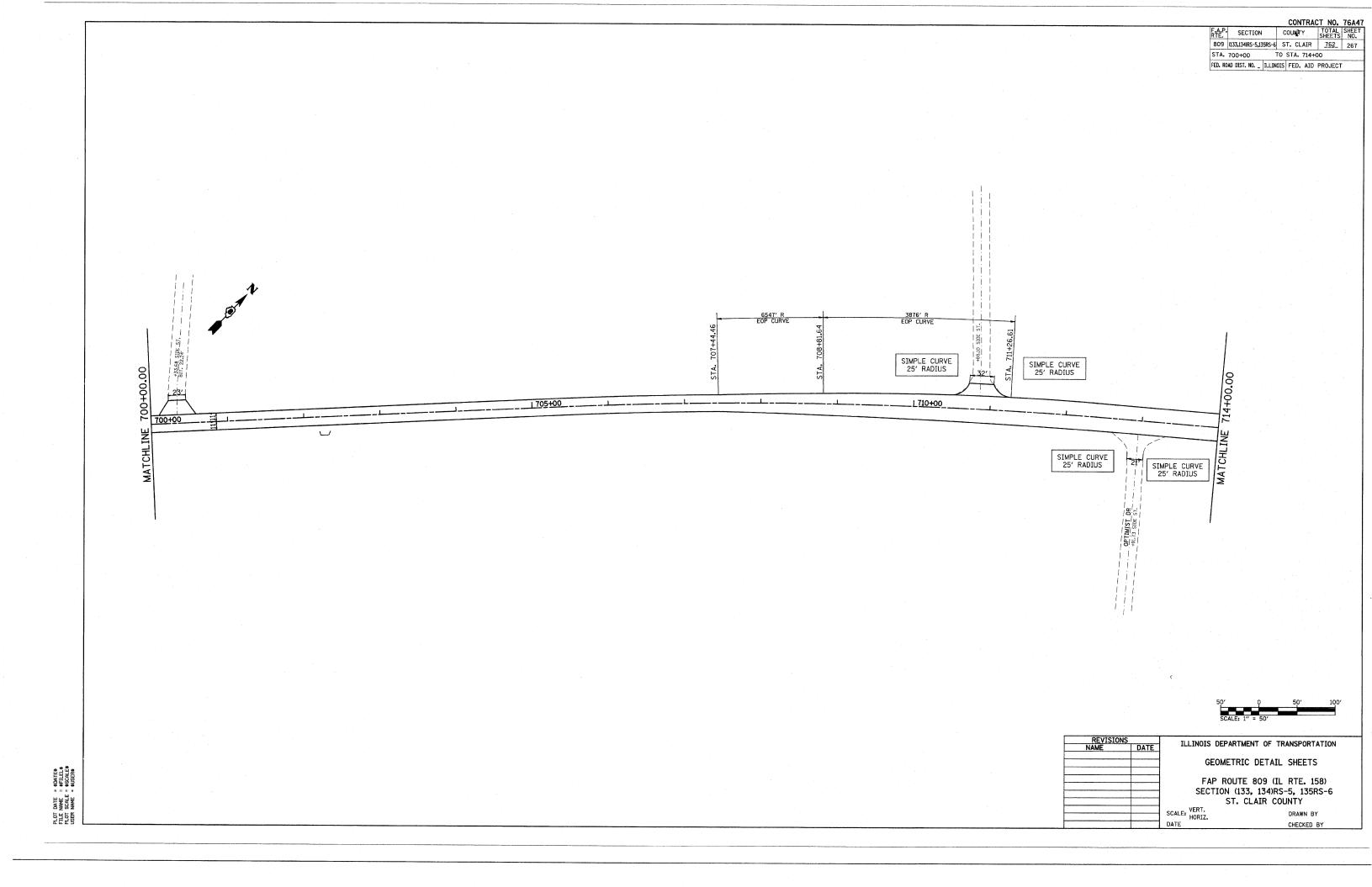
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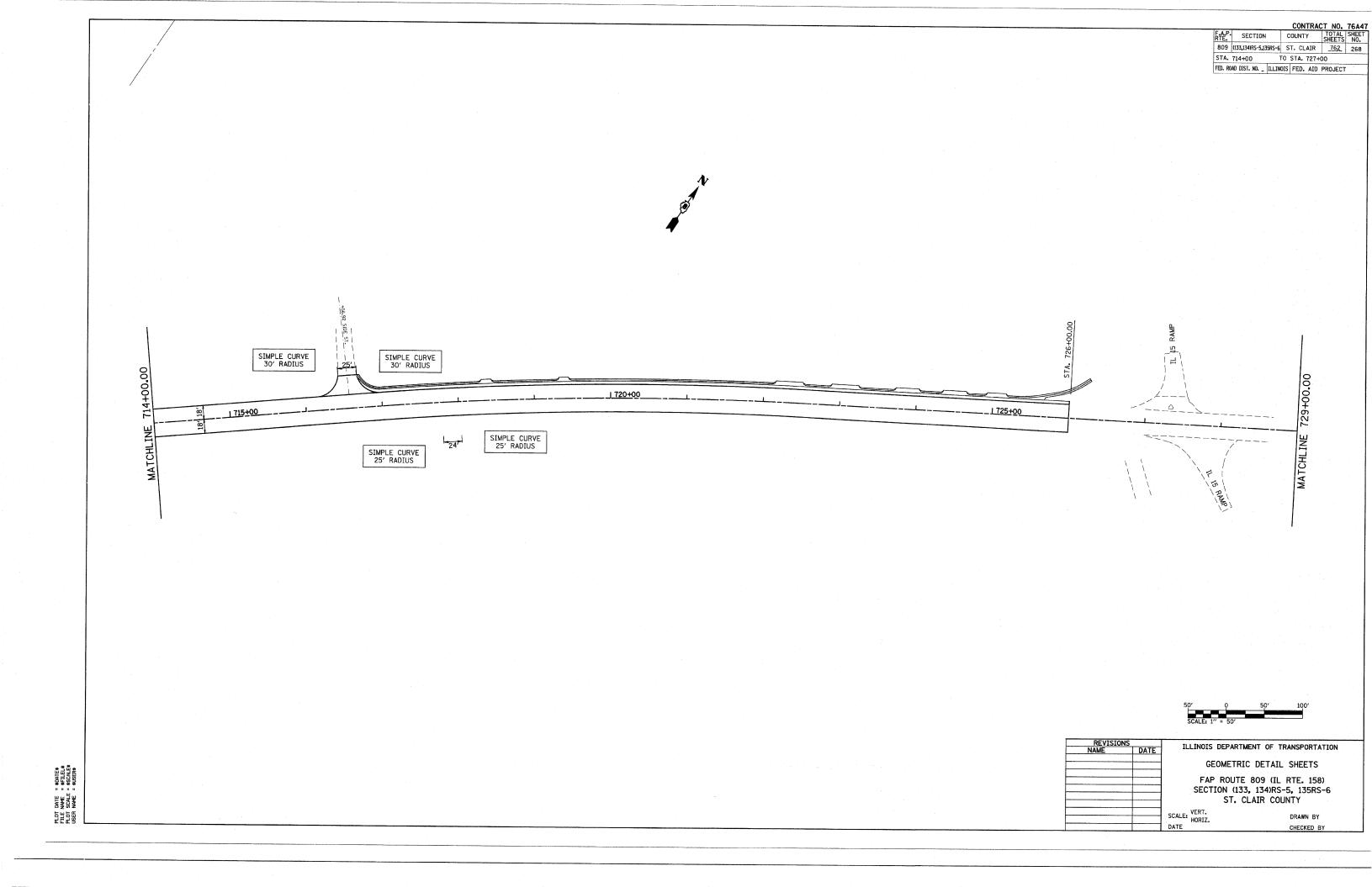
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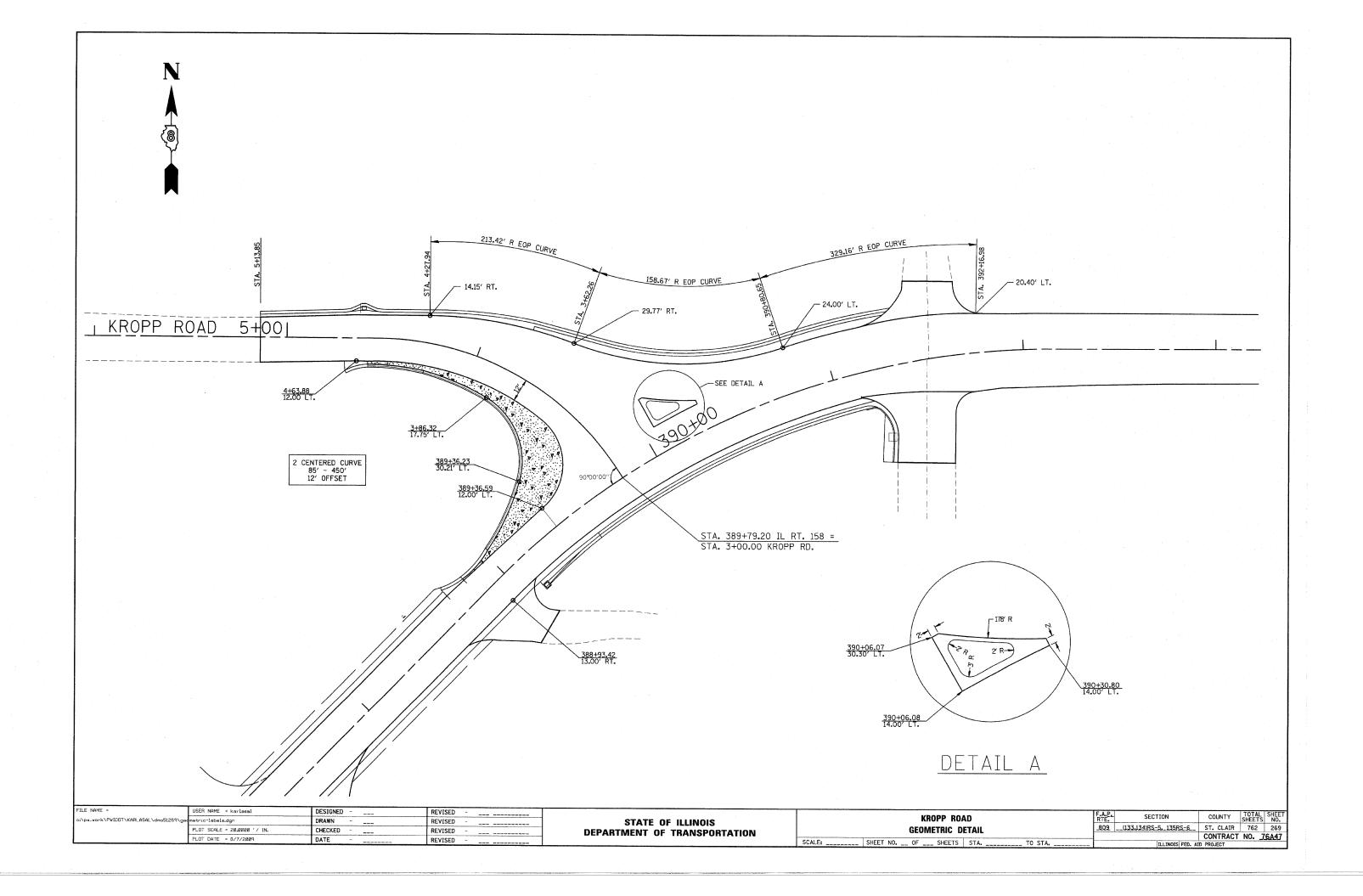
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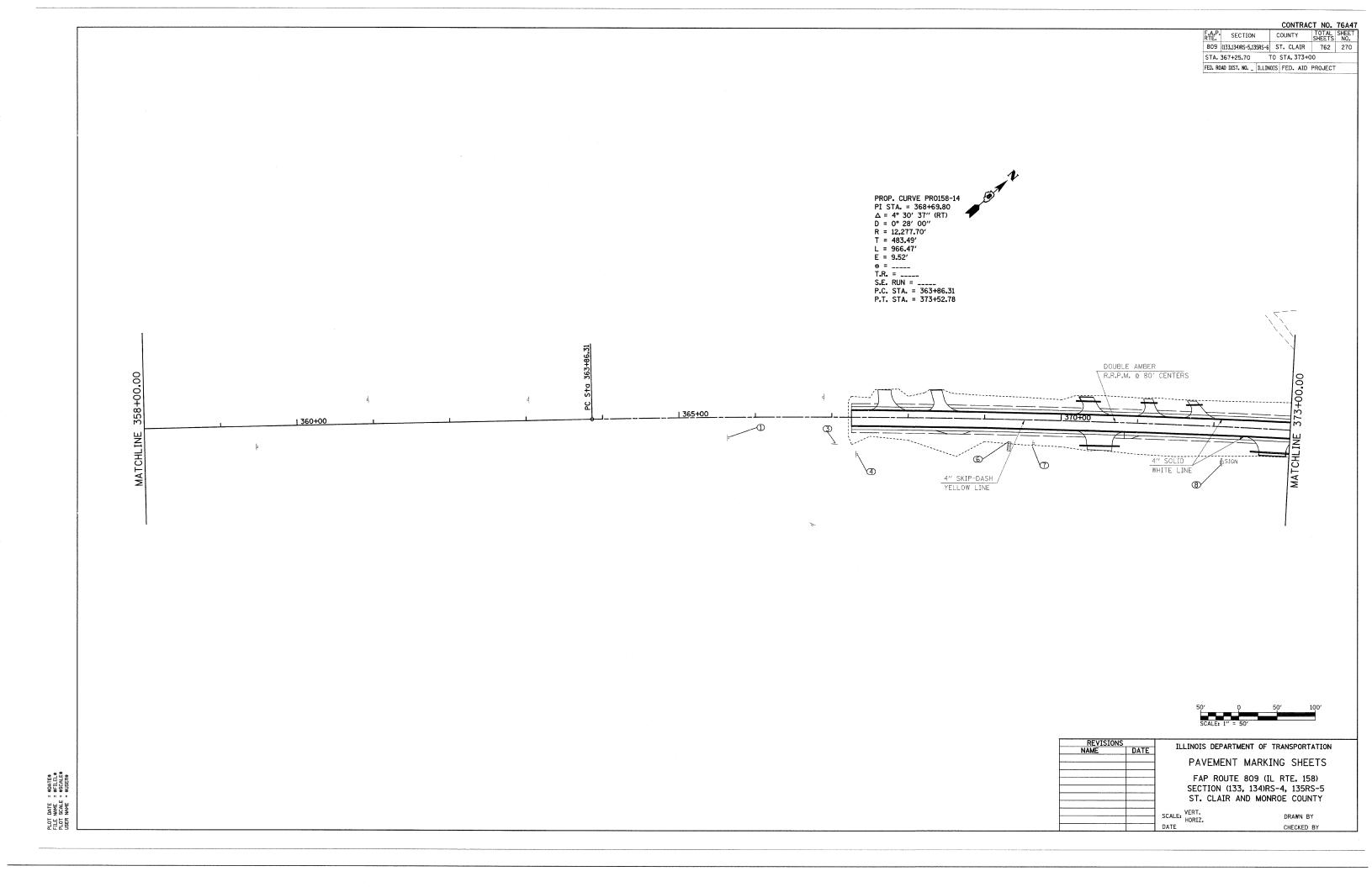
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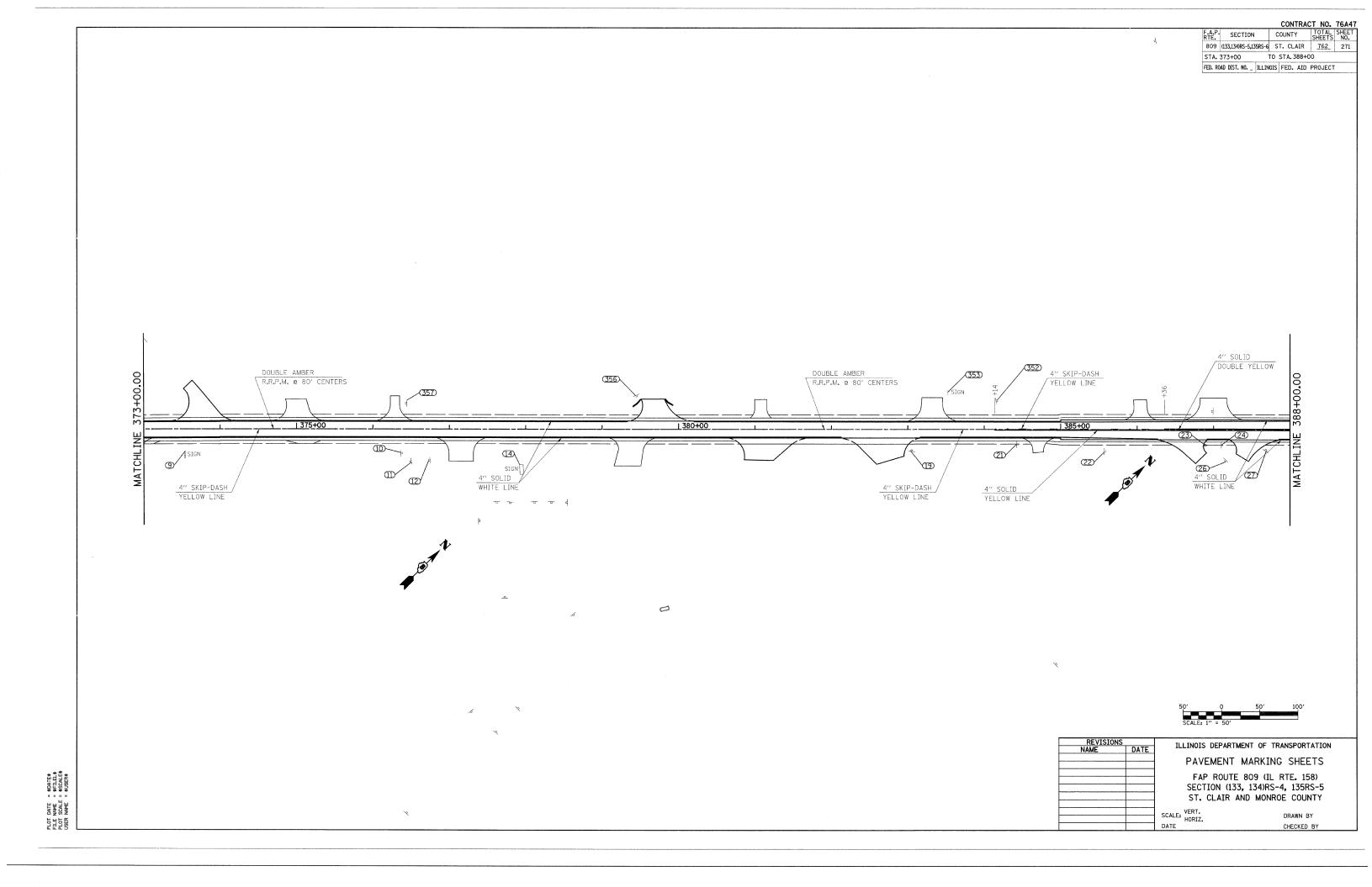


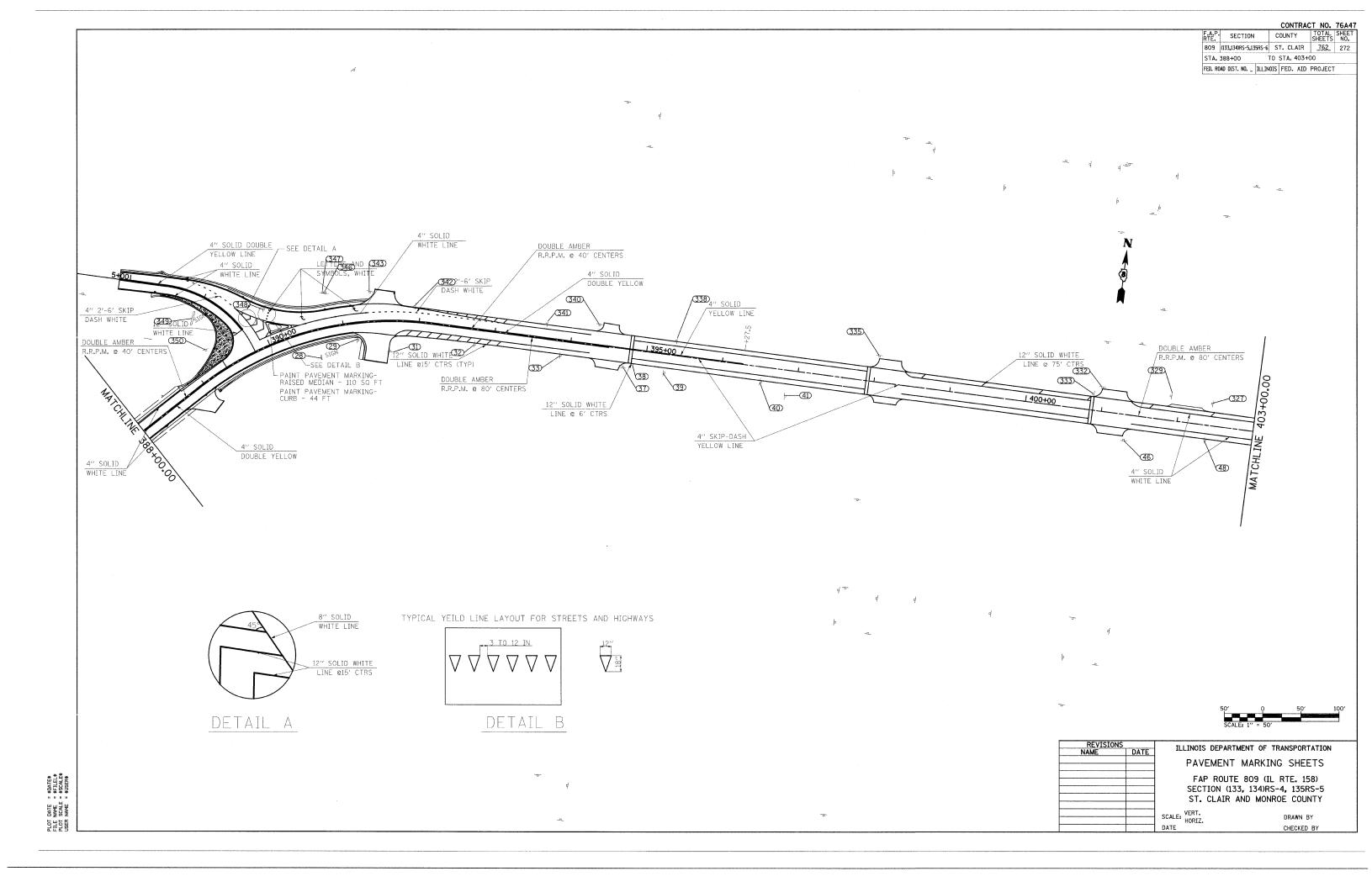


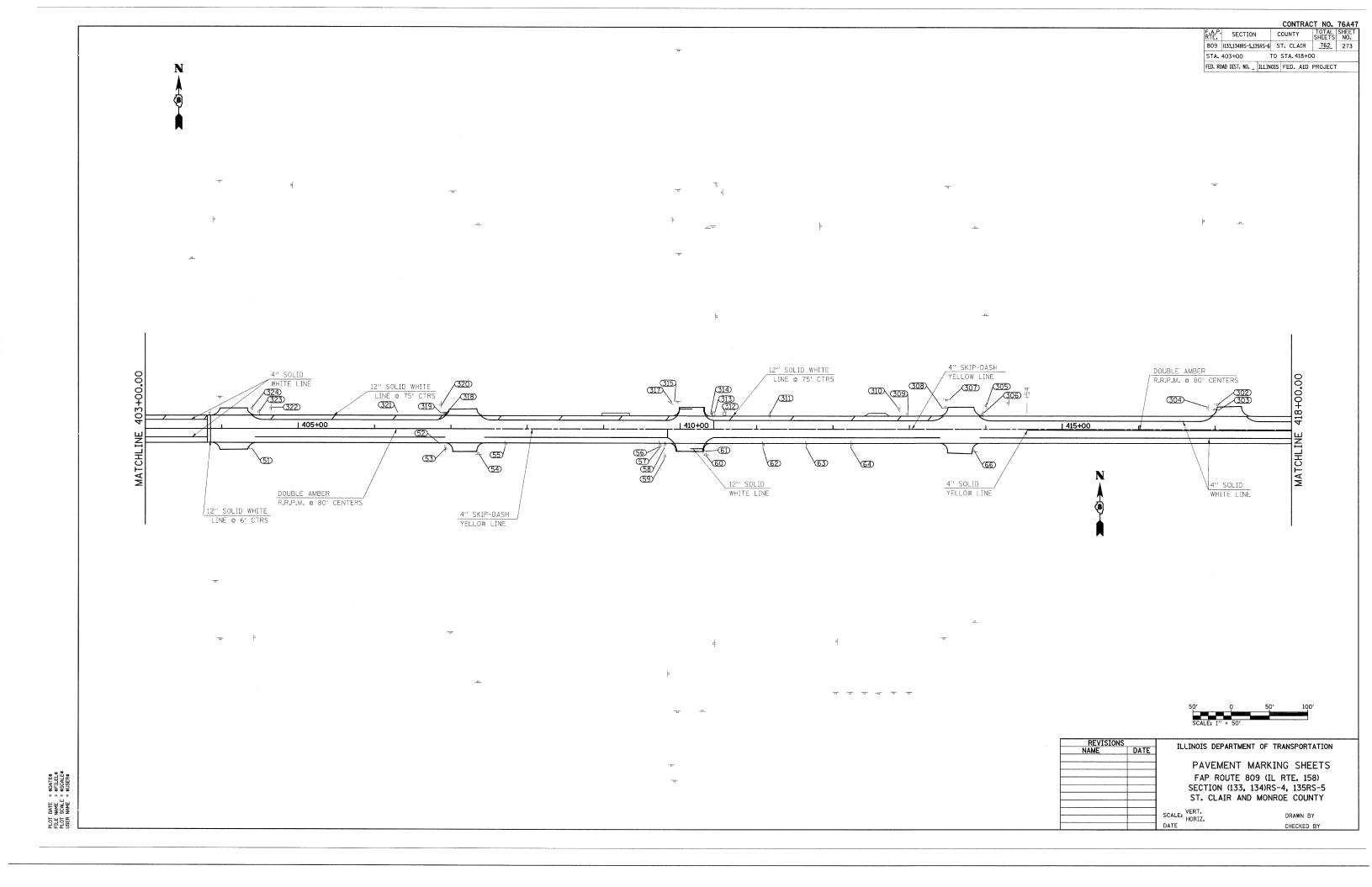


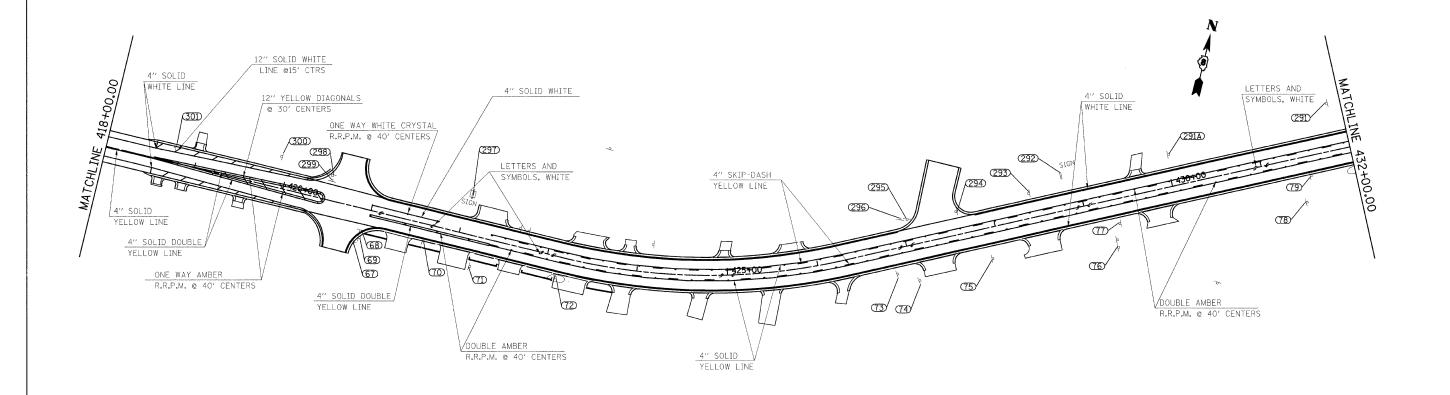












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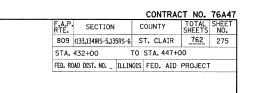
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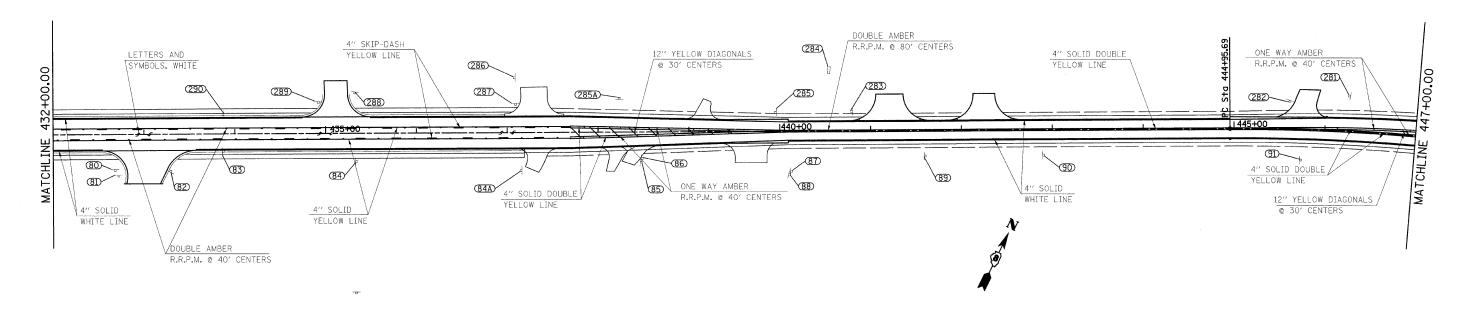
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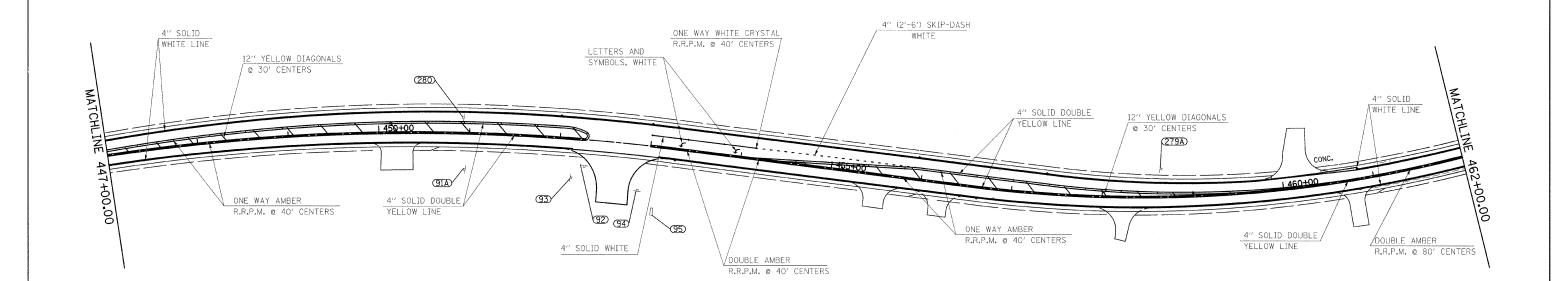


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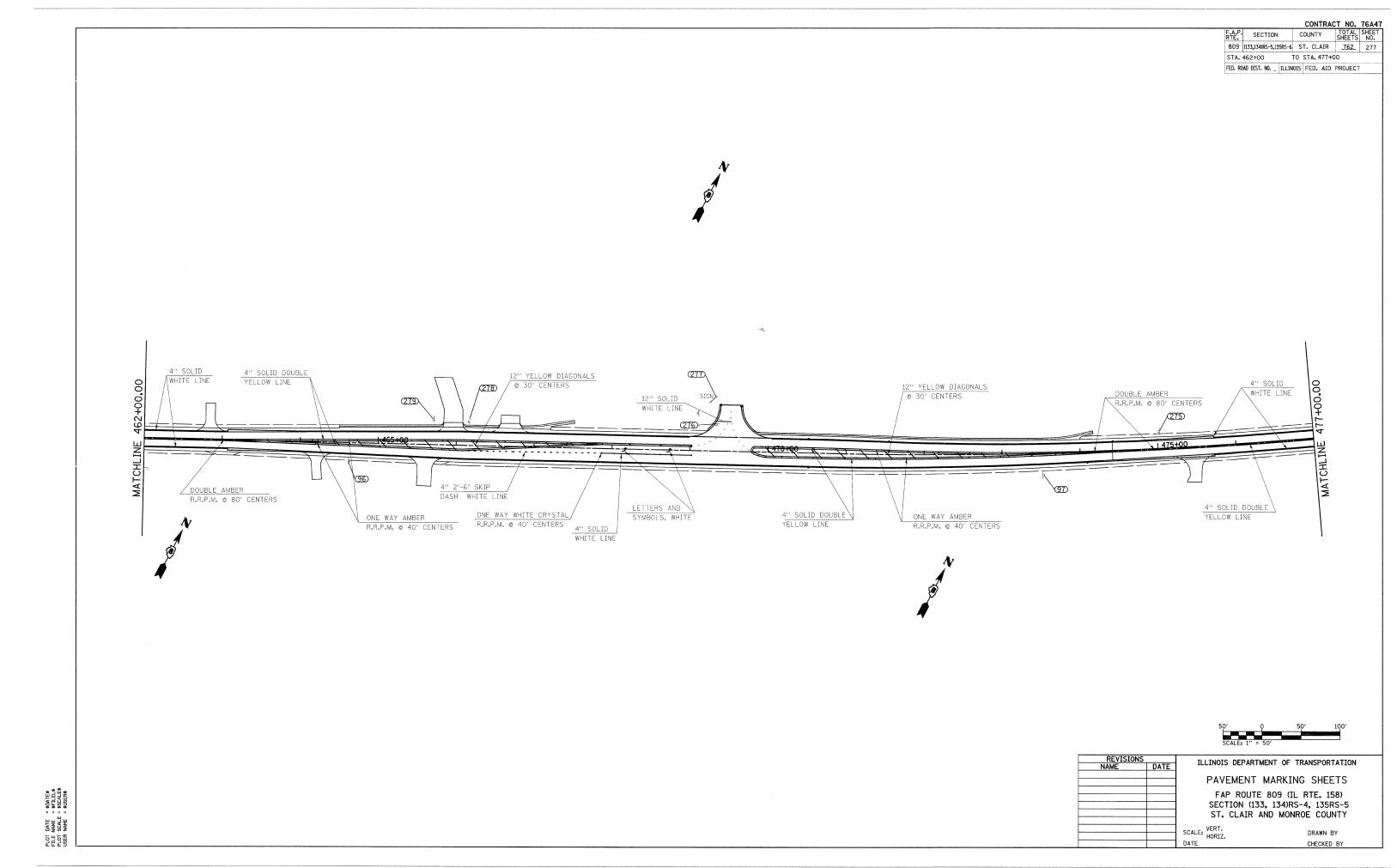


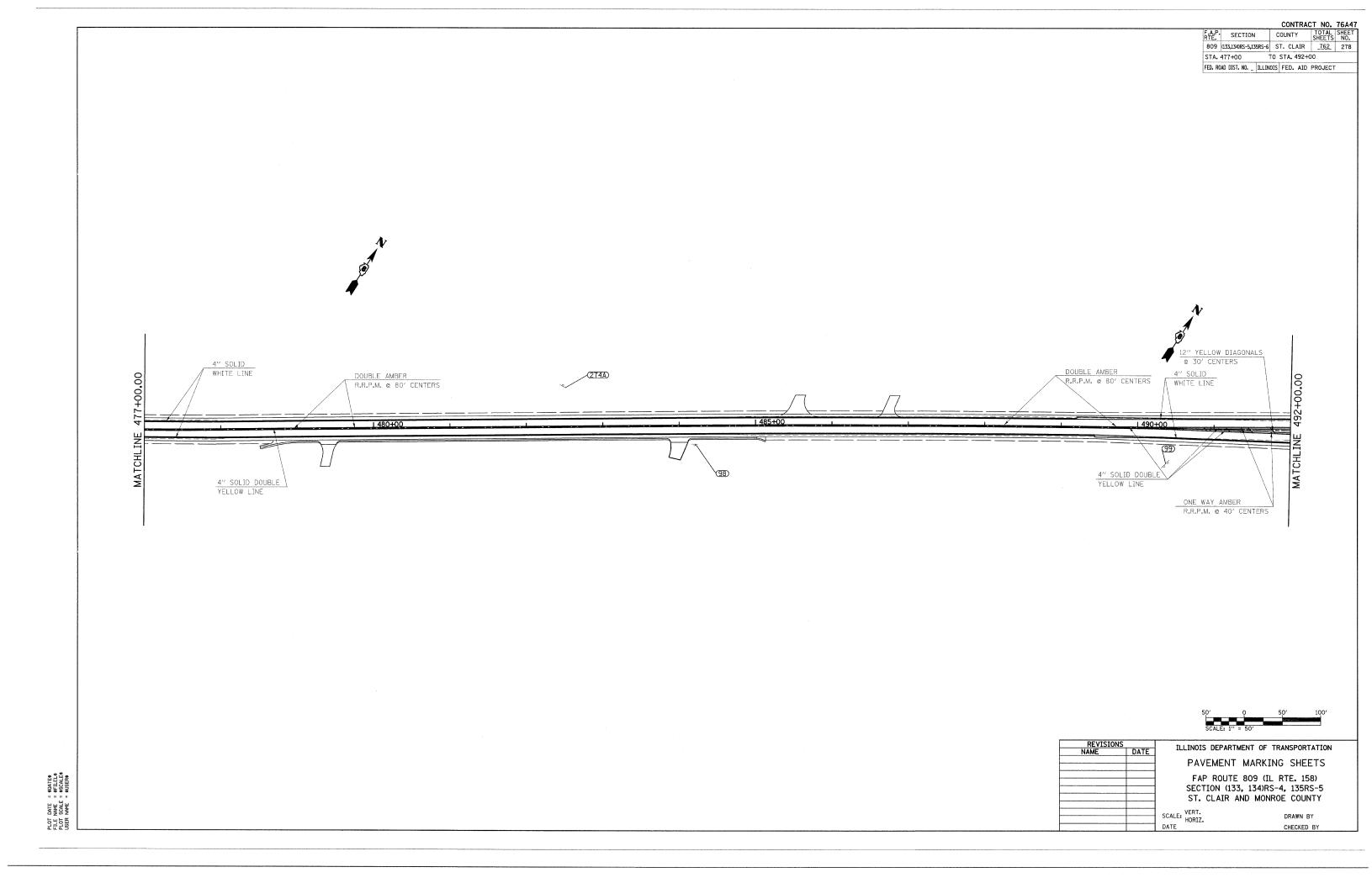


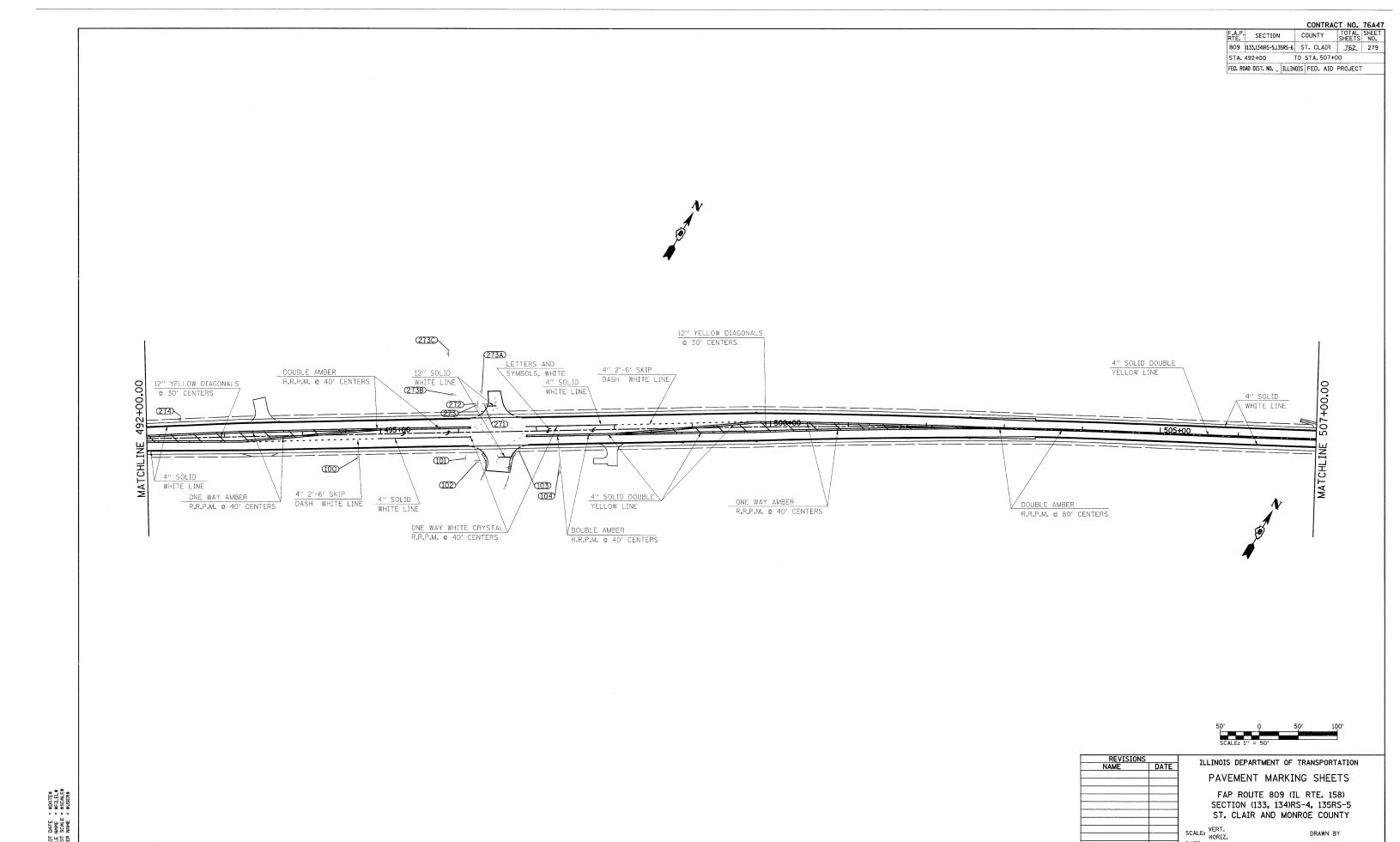


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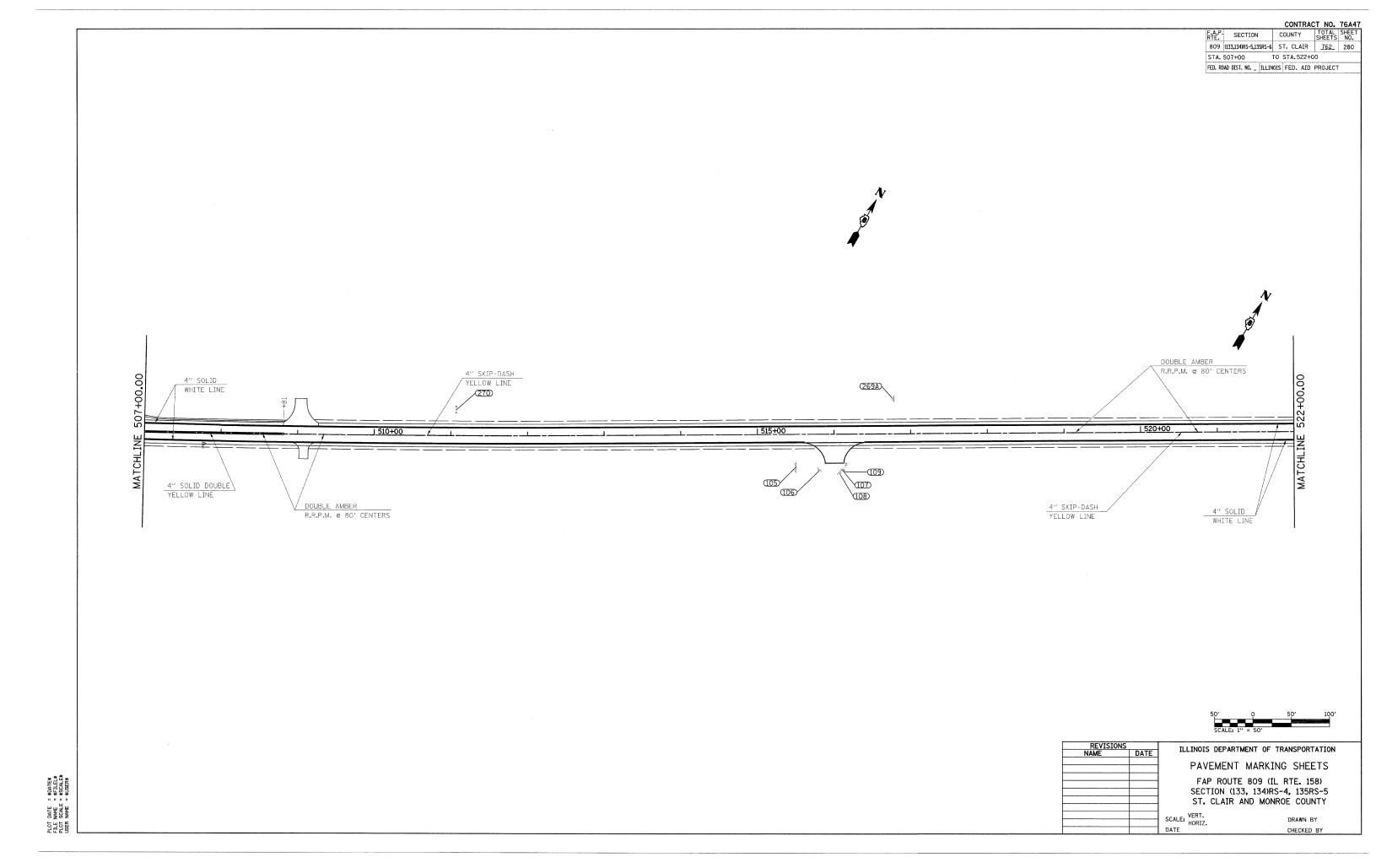


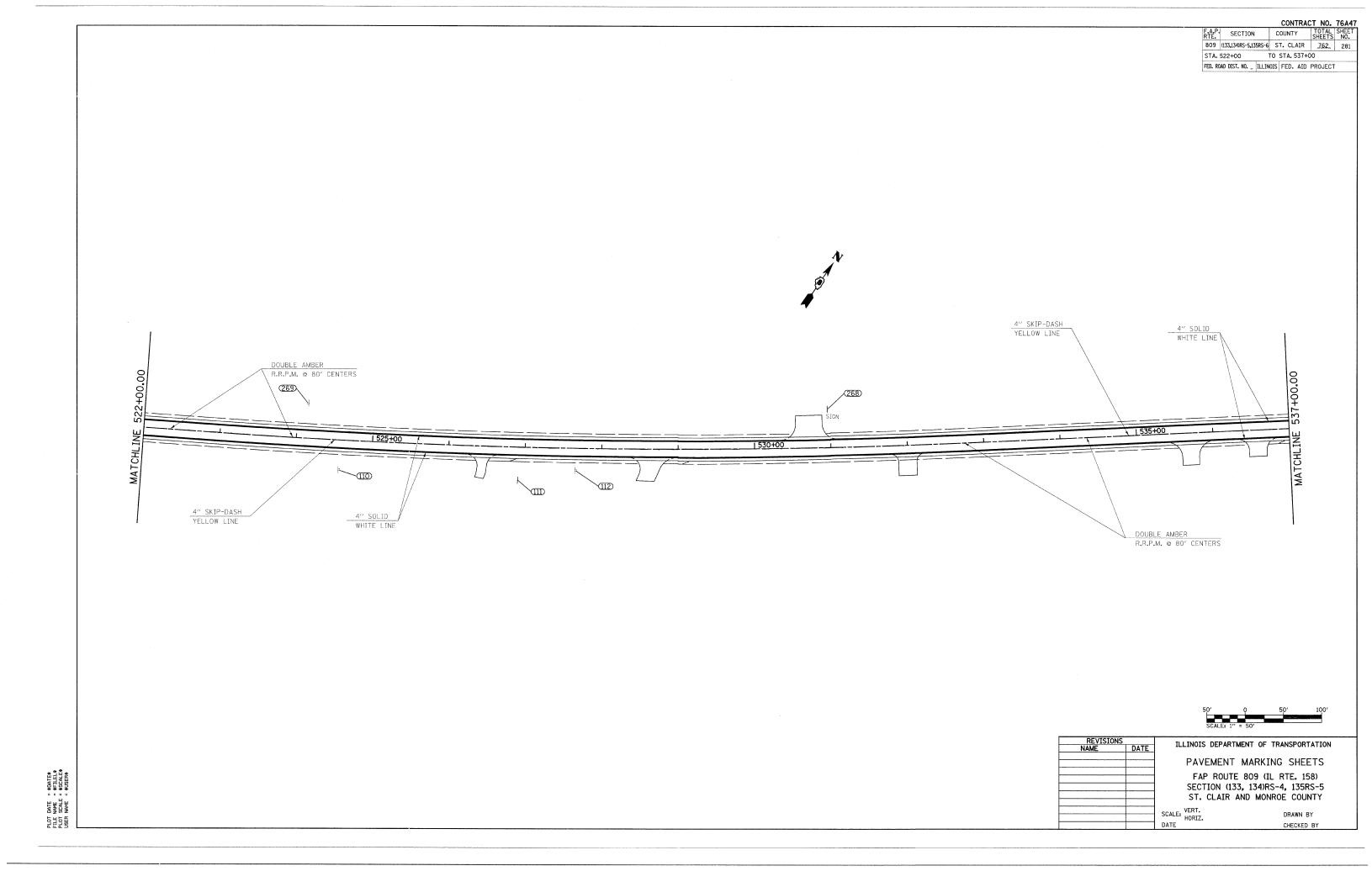


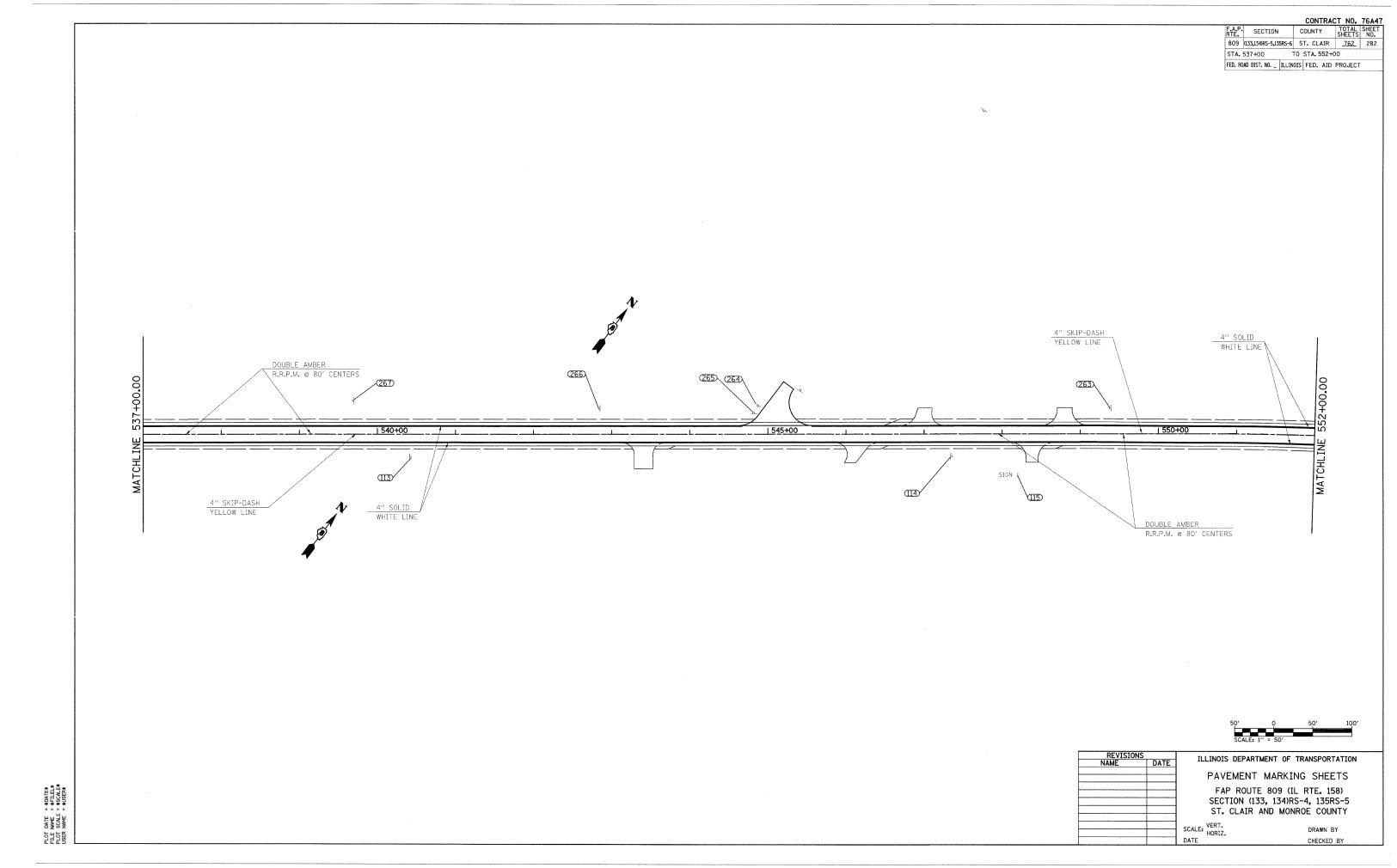


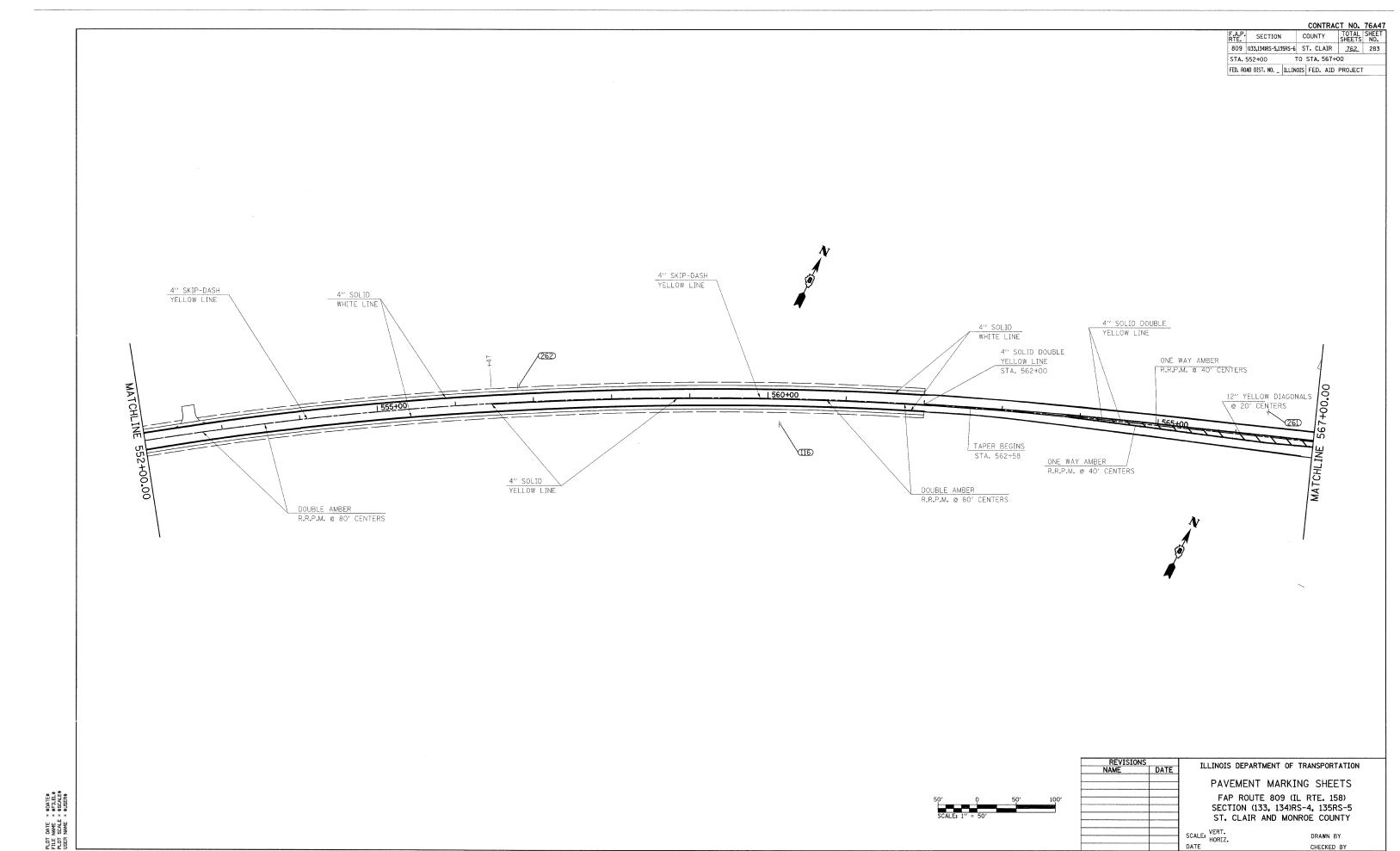
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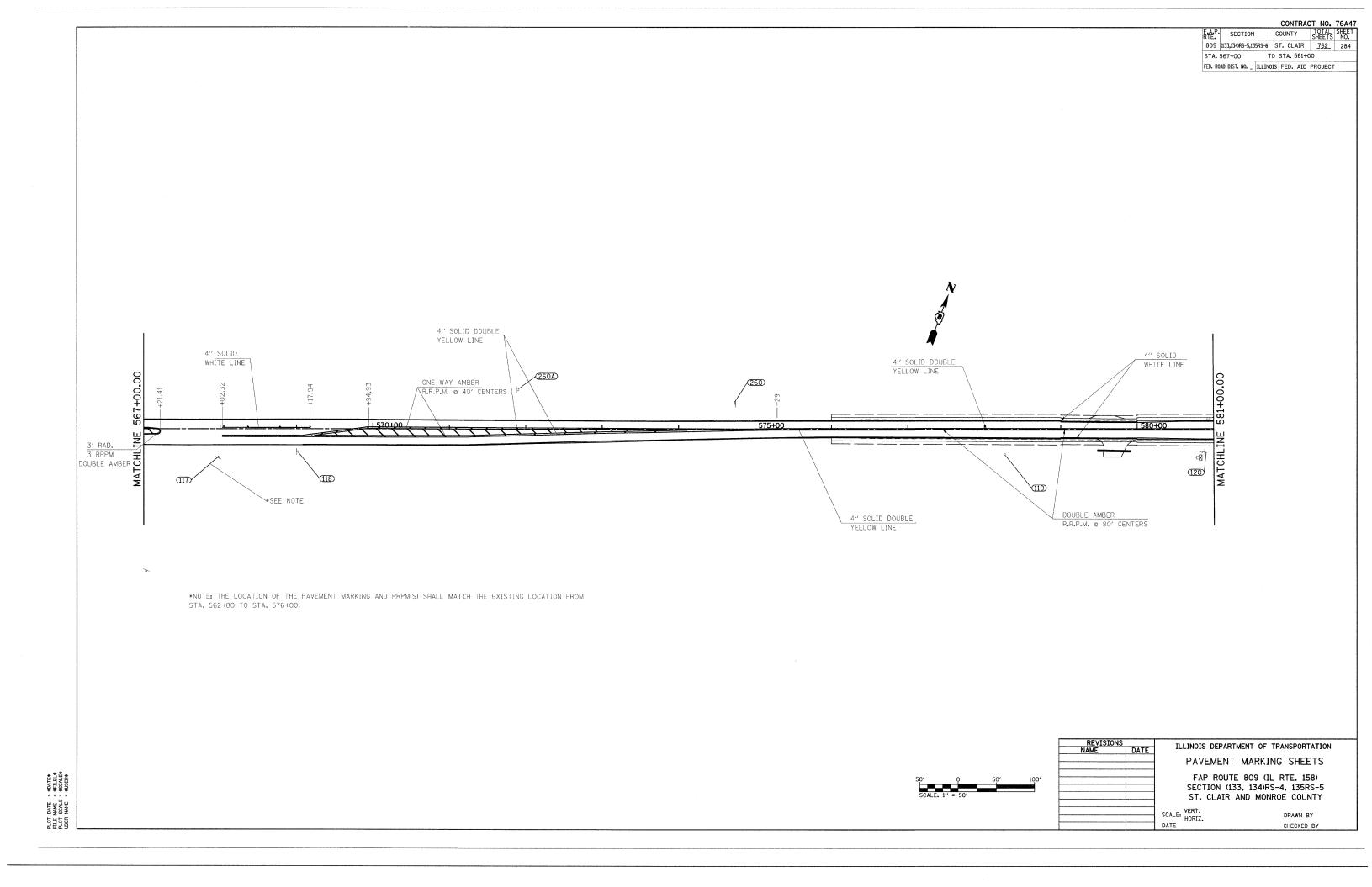
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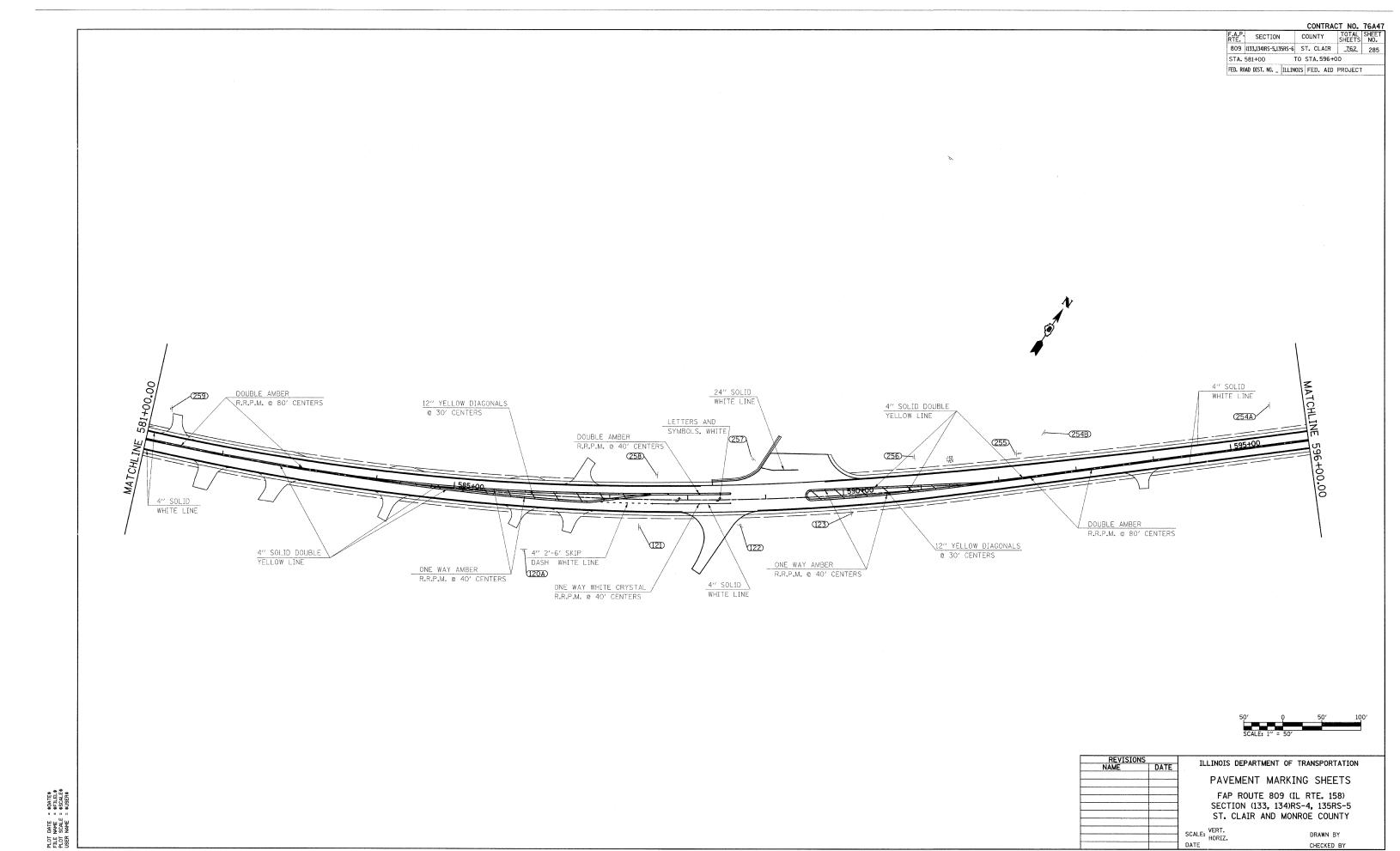


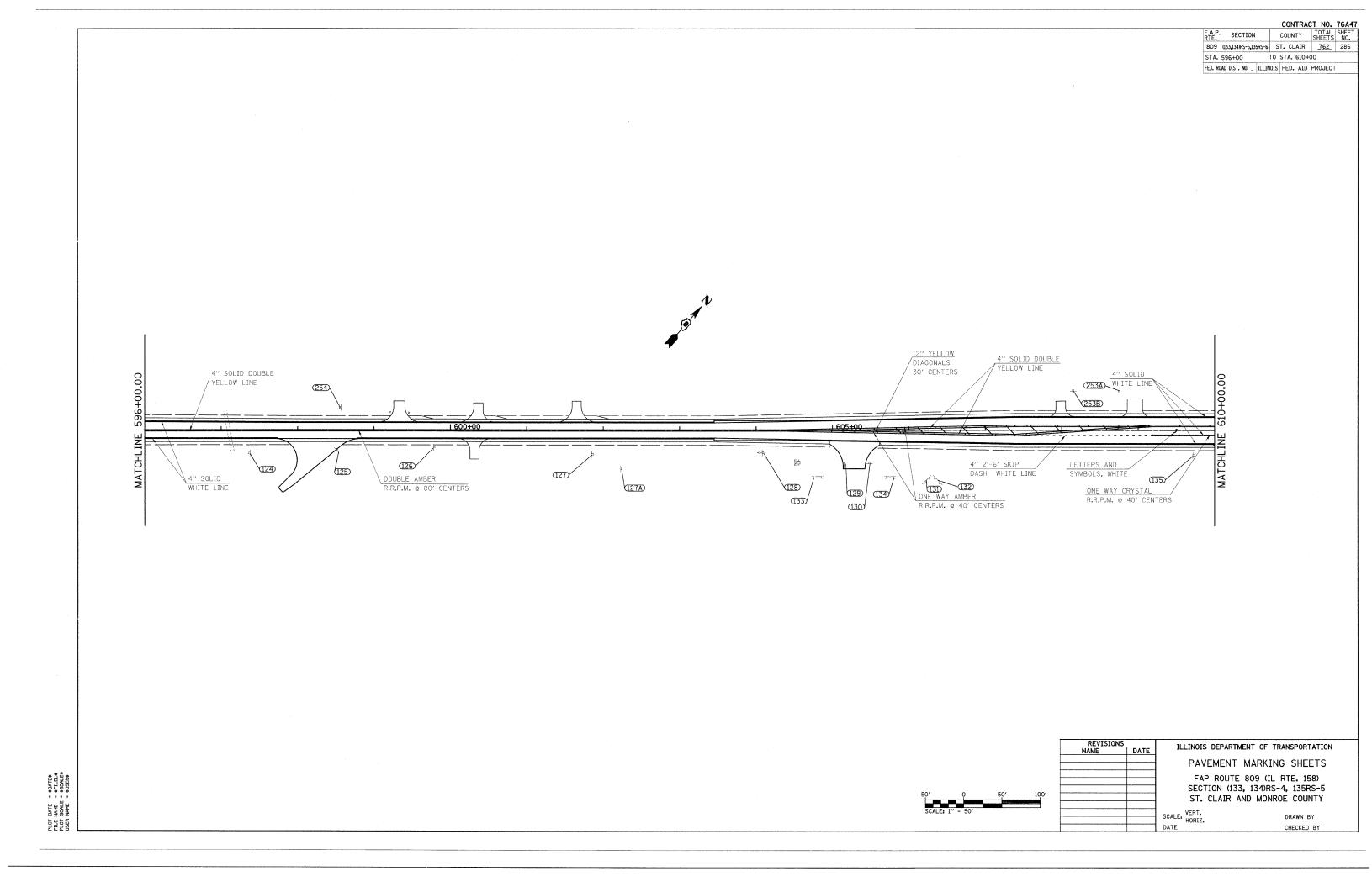


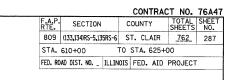




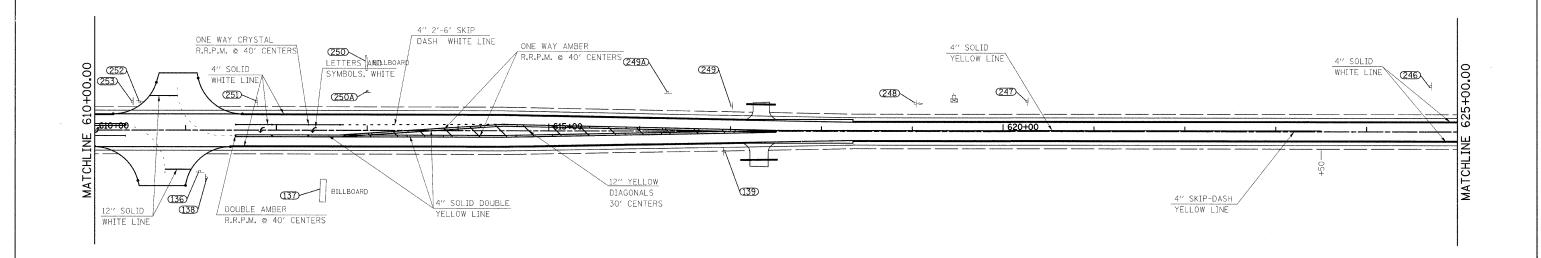












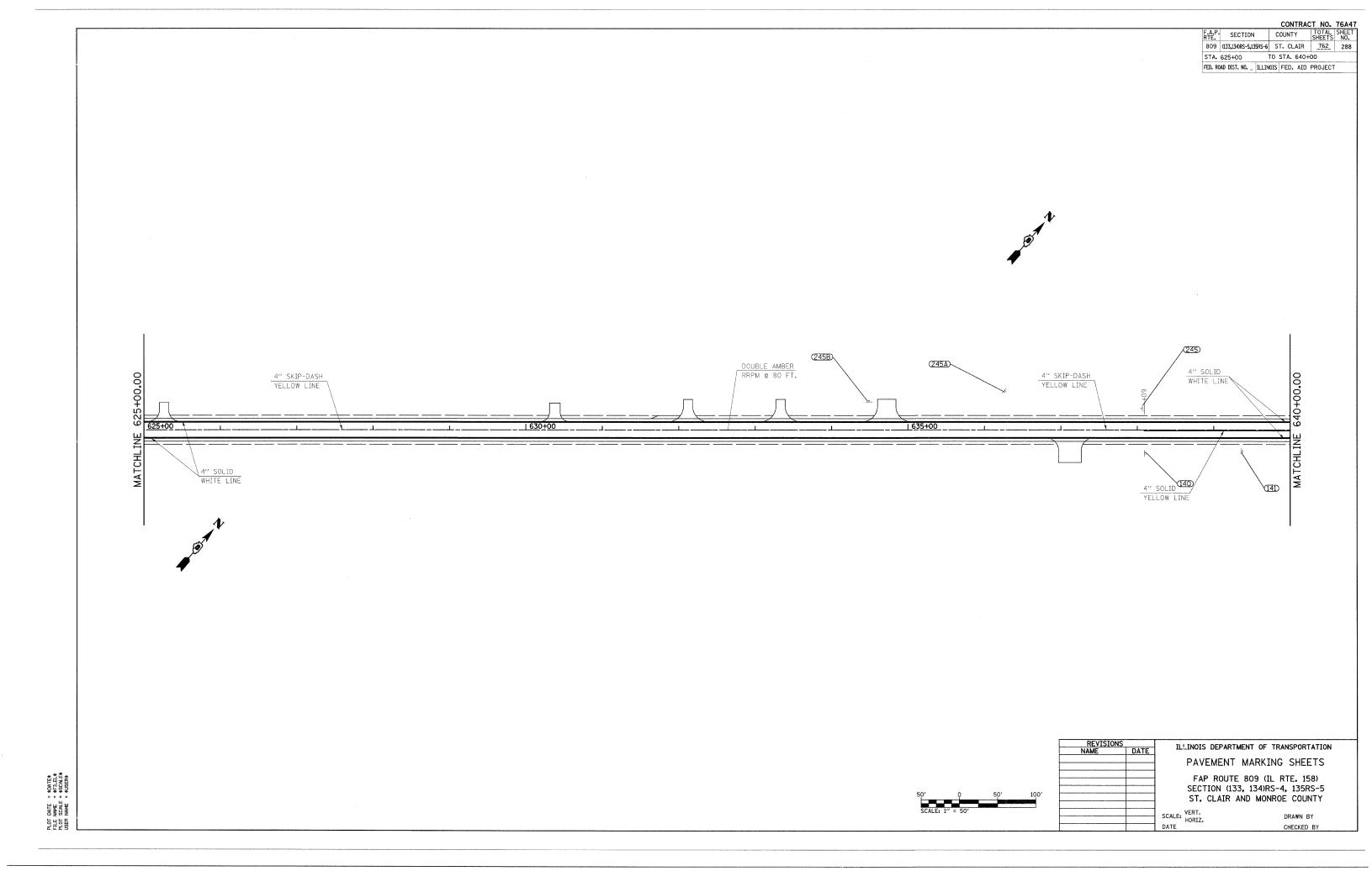
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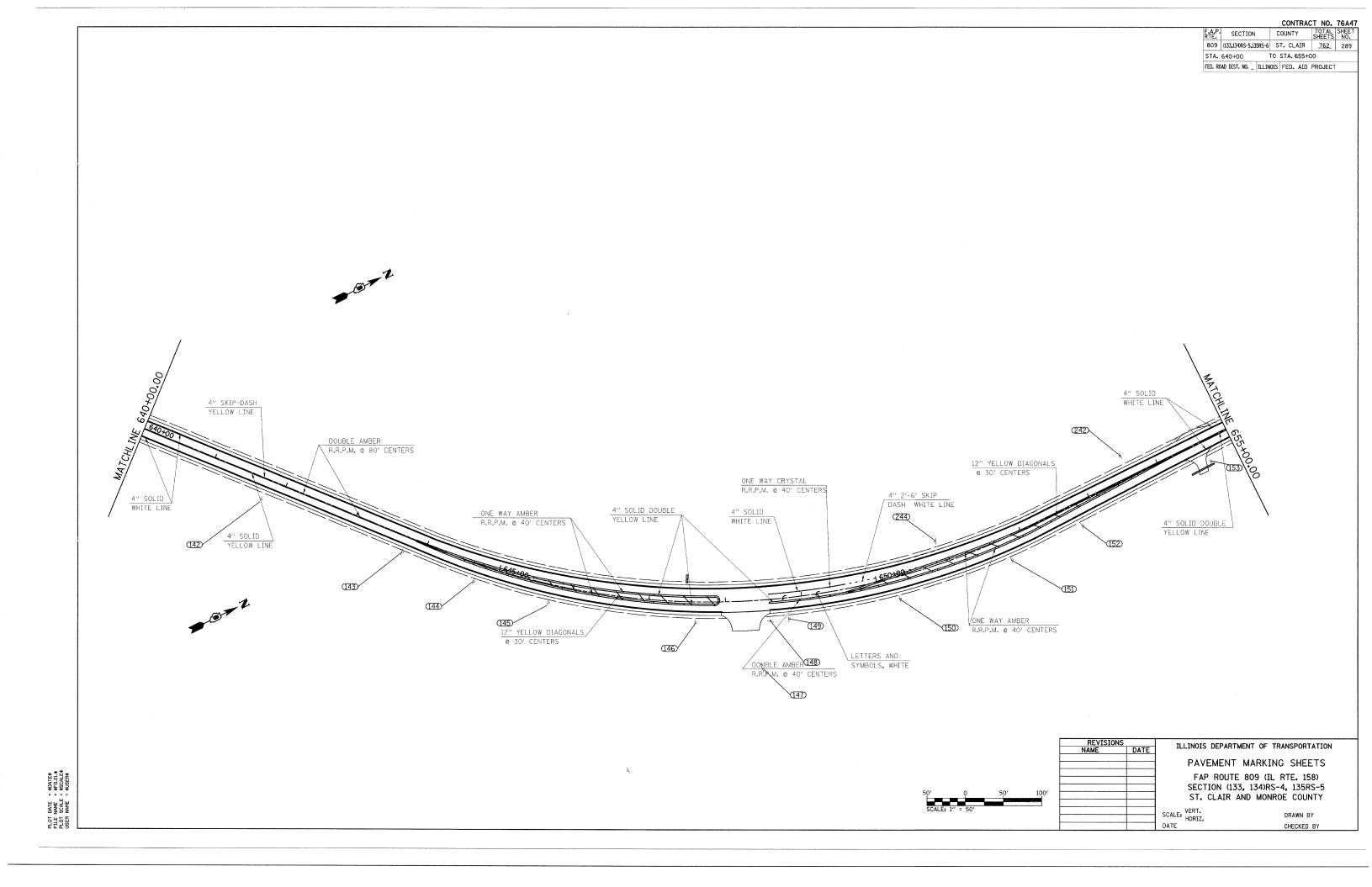
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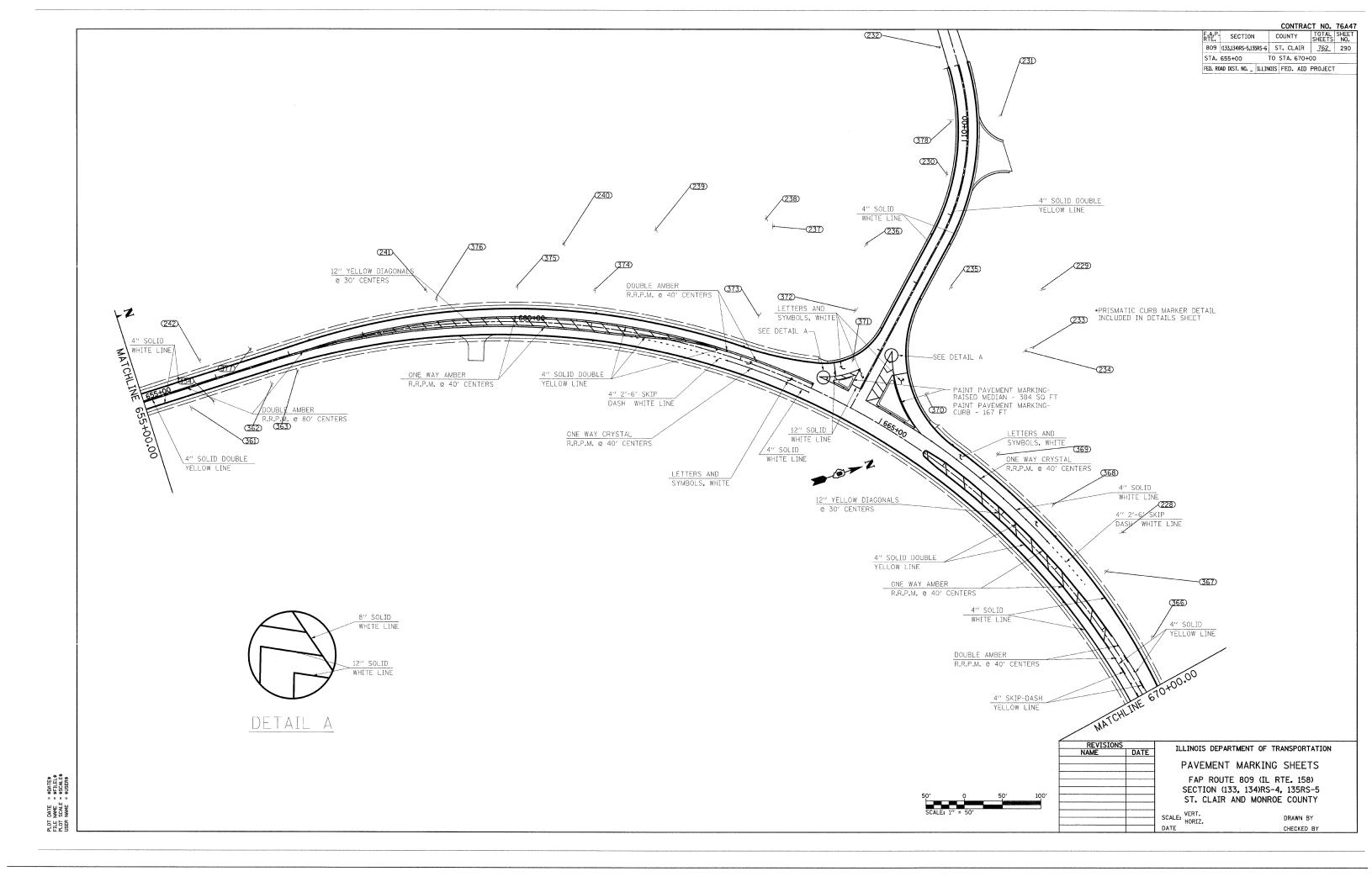
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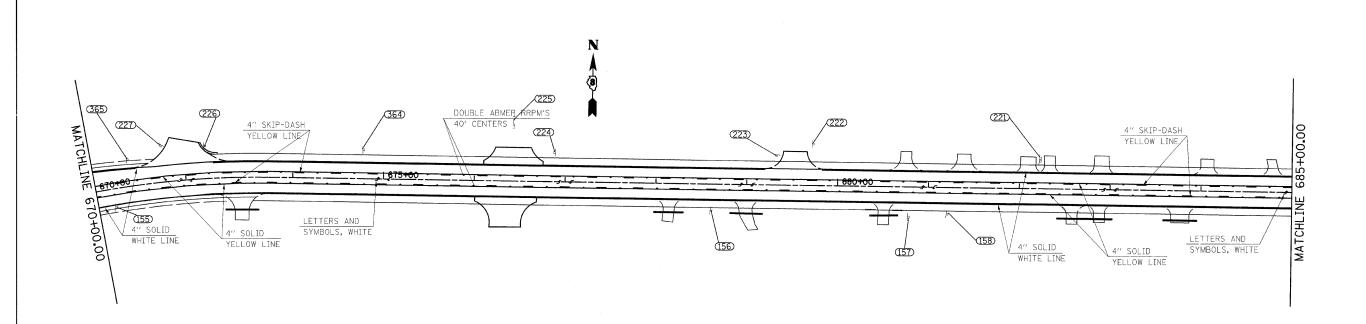
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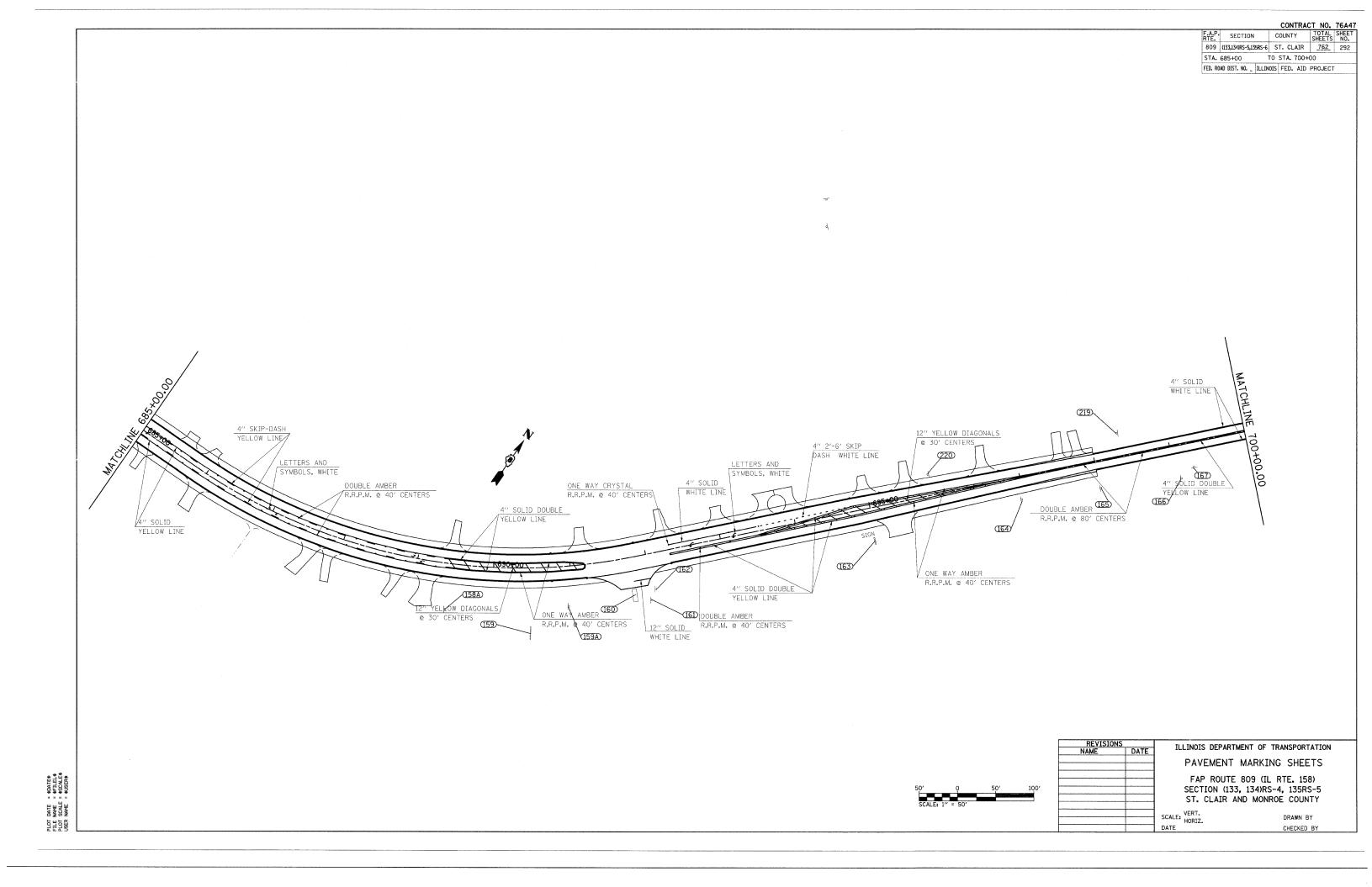
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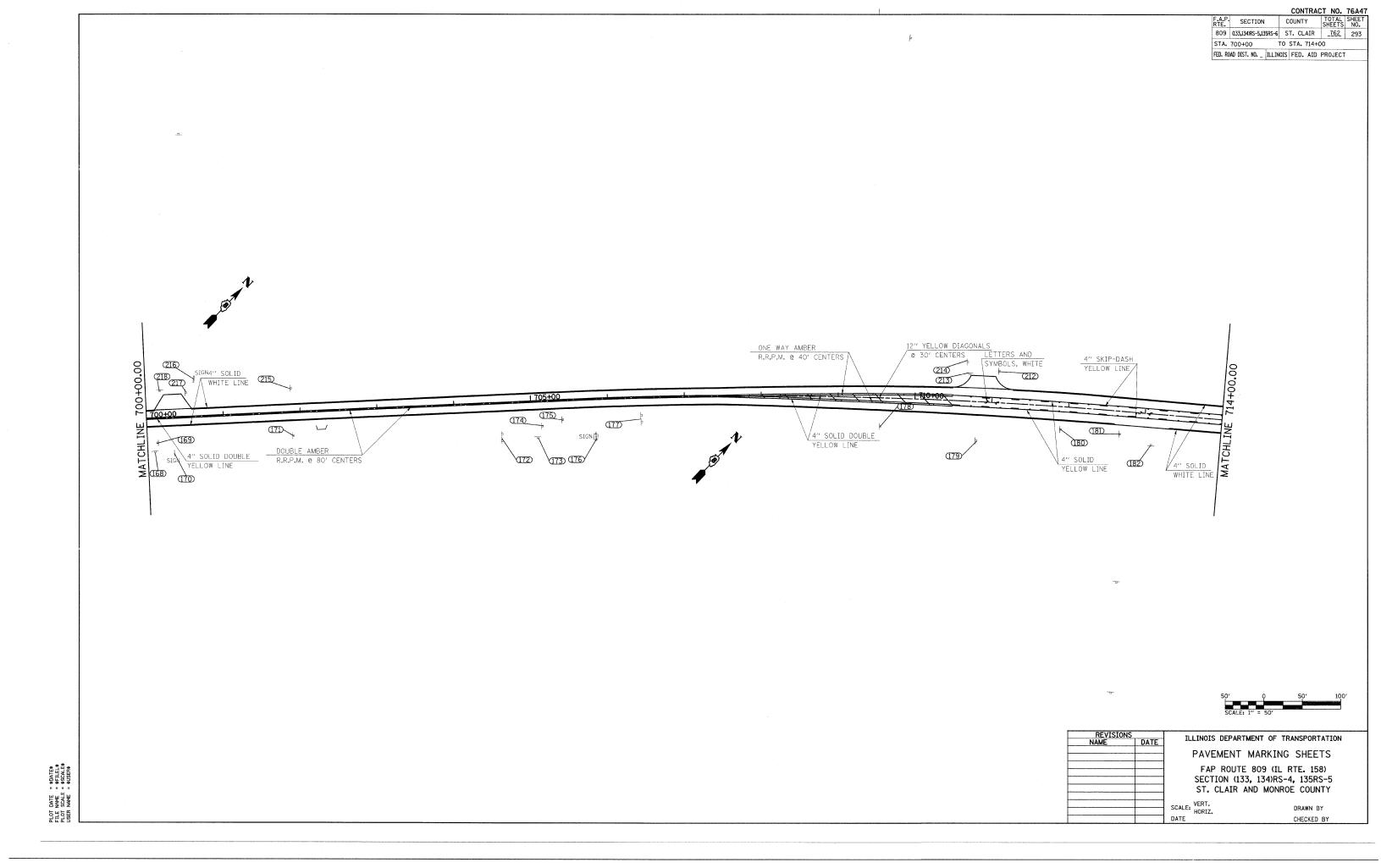


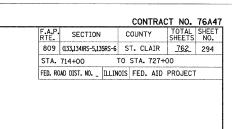
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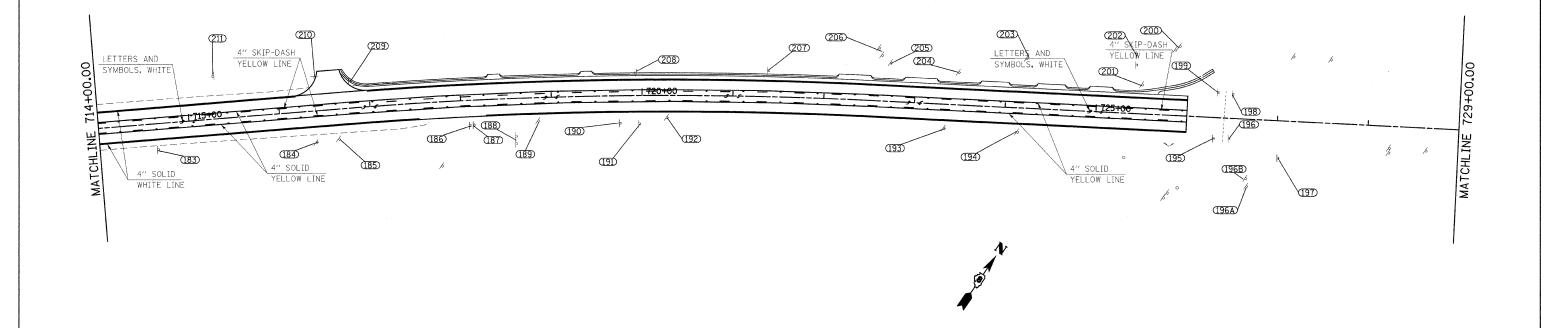
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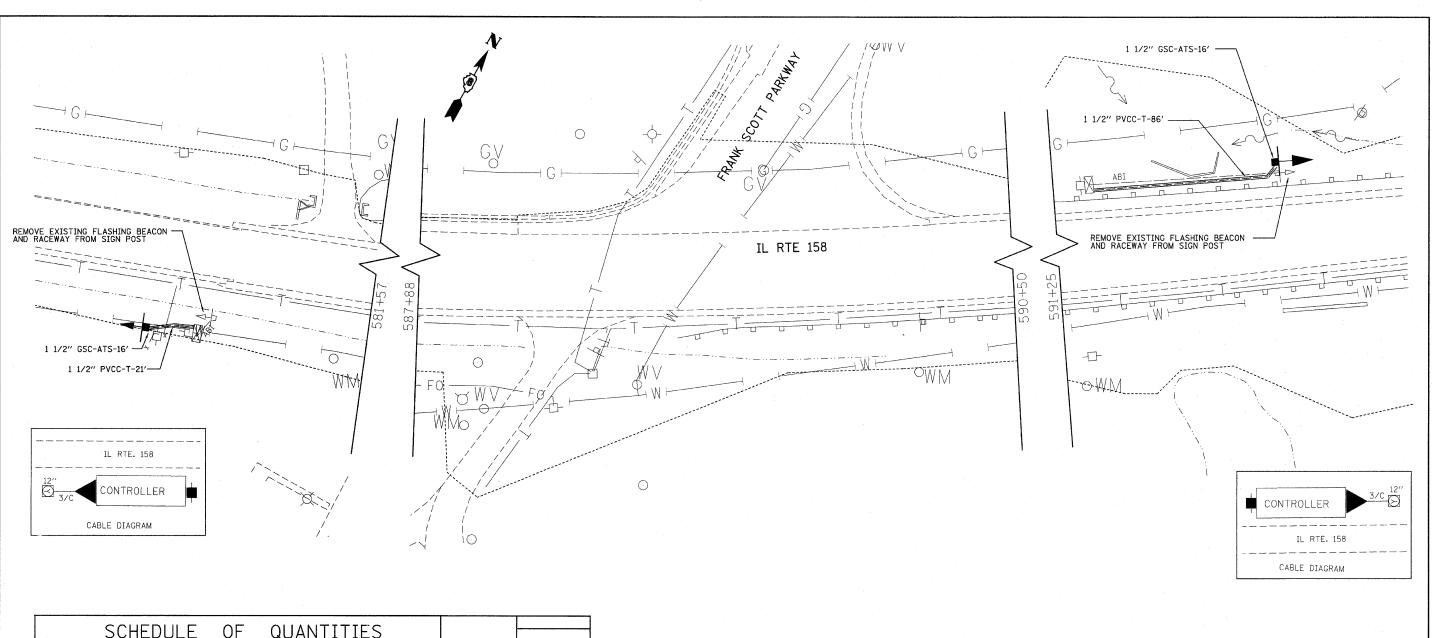






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	SCHEDULE OF QUANTITIES		TOTAL	
CODE NO	ITEM	UNIT	QUANTITIES	
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	F00T	200	200
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" . DIA., GALVANIZED STEEL	FOOT	65	65
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	200	200
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	330	330
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	4	4
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	4	4
x0324397 \	RELOCATE ELECTRIC SERVICE	EACH	1	1

ELECTRICAL GENERAL NOTES

- 1. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS.
 MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM.
 ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL.
 ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING
 HARDWARE FIELD CONNECTIONS.
- 2. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- 3. ABANDONED UNDERGROUND CONDUIT (ABI) ENDS SHALL BE REMOVED DOWN MINIIMUM 12" BELOW THE PROPOSED GRADE.



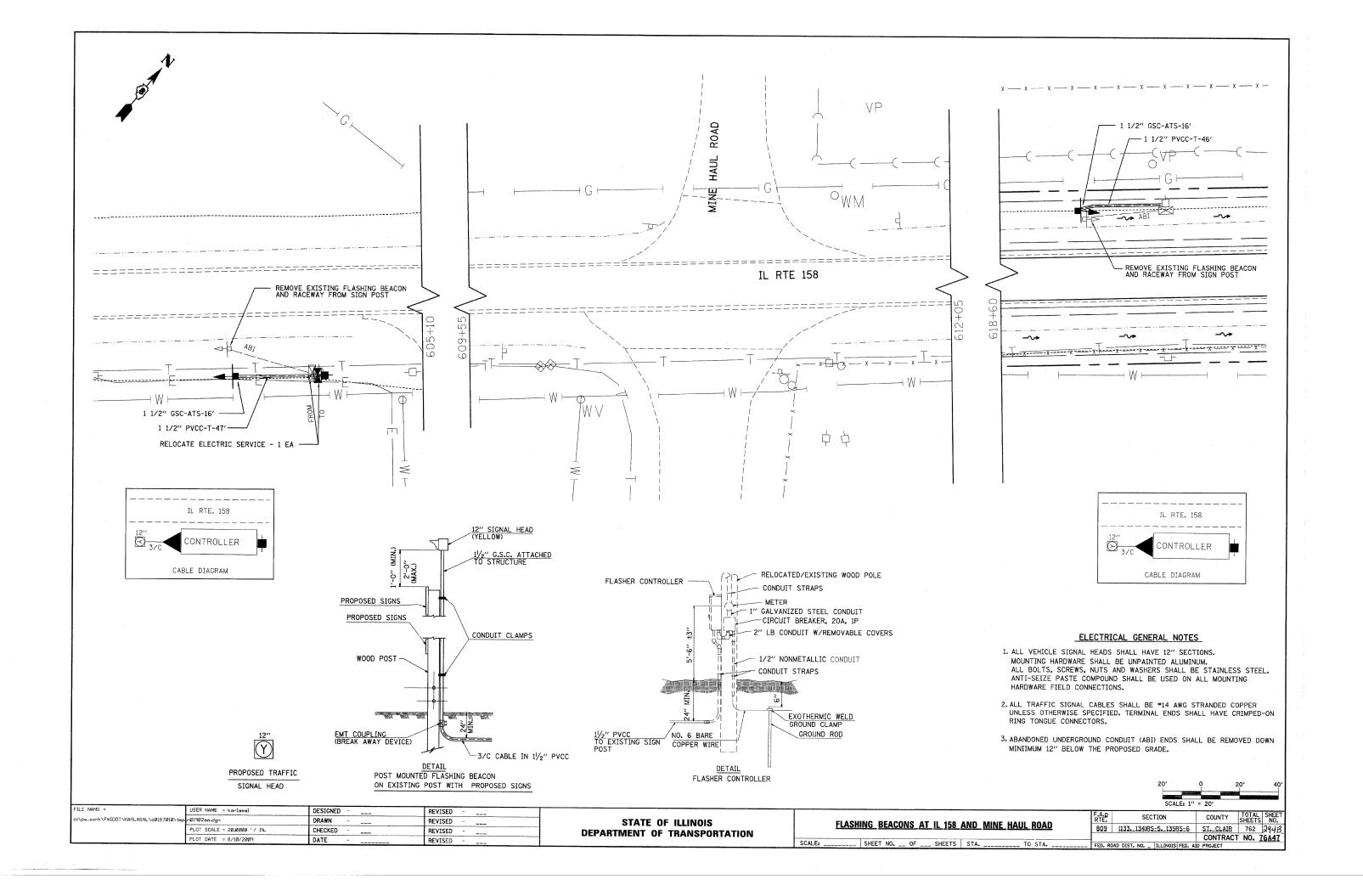
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER 11R10. ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

☐ ILR10 ☑ ILR40 PERMIT NO. 0493

I CERTIFY LINDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED LINDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE PRINT NAME DEPUTY DIRECTOR OF HIGHWAYS

IL DEPT. OF TRANSPORTATION AGENCY

REGION FIVE ENGINEER

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF 6.51 MILES OF IL ROUTE 158, SPECIFICALLY IL ROUTE 158 FROM M&O STATION ROAD IN MILLSTADT TO IL 15 RAMP(S) IN BELLEVILLE.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLANS

CONSTRUCTION WILL INCLUDE PAVEMENT REMOVAL, HMA WIDENING, SHOULDER WIDENING (HMA & AGGREGATE). DRAINAGE IMPROVEMENTS, EROSION CONTROL FACILITIES, TRAFFIC CONTROL AND PROTECTION, PAVEMENT MARKING, AND ALL OTHER COLLATERAL WORK NECESSARY TO COMPLETE THE WORK CONSISTENT WITH THE PLANS AND SPECIFICATIONS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

STAGE 1: PAVEMENT REMOVAL, EXCAVATION, AND EMBANKMENT.

STAGE 2: BOX AND PIPE CULVERT EXTENSIONS.

STAGE 3: HMA WIDENING, HMA SHOULDER AND AGGREGATE WIDENING.

STAGE 4: PLACEMENT OF EROSION CONTROL FACILITIES.

STAGE 5: FINAL GRADING, AND OTHER MISCELLANEOUS.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE _35_ ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS _20_ ACRES.

- E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: ..70.
- F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

SEVERAL SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA OF IL ROUTE 158 FROM M&O STATION ROAD IN

WAKELAND SILT LOAM - NEARLY LEVEL SOIL ON RELATIVELY NARROW BOTTOM LANDS. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES BETWEEN ZERO TO ONE PERCENT.

IVA SILT LOAM - GENTLY SLOPING SOIL MAINLY ASSOCIATED WITH THE UPPER PART OF WATERCOURSES AND ARE RELATIVELY SMALL. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES BETWEEN TWO TO FOUR PERCENT.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIVE AREAS ASSOCIATED WITH THIS PROJECT:

A FEW 3:1 SLOPE AREAS ARE PRESENT, HOWEVER THE HEIGHT OF THESE SLOPES ARE RELATIVELY SHORT.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSIVE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO REMOVE EXISTING SHOULDERS AND EXCAVATE NEW DITCHES TO ACCOMMODATE SHOULDER AND PAVEMENT WIDENING, THERE ARE NO OFF-SITE LAND

- T. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN. THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR. SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.
- J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AFRIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

DOUGLAS CREEK WEST FORK OF RICHLAND CREEK UNNAMED TRIBUTARIES

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

☑ SOIL SEDIMENT ☑ PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS) ☑ CONCRETE □ ANTIFREEZE / COOLANTS
 □ WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT ☑ CONCRETE TRUCK WASTE ☑ CONCRETE CURING COMPOUNDS OTHER (SPECIFY)_____ SOLID WASTE DEBRIS ☐ OTHER (SPECIFY)
____ ☐ PAINTS OTHER (SPECIFY)_____ ☐ SOLVENTS □ OTHER (SPECIEY) FERTILIZERS / PESTICIDES ☐ OTHER (SPECIFY)___

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN:

- A. FROSION AND SEDIMENT CONTROL
- 1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES. INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED.
 STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(d) AND II(AX3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.
- g. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

☐ PRESERVATION OF MATURE VEGETATION ☐ VEGETATED BUFFER STRIPS

☑ PROTECTION OF TREES ☑ TEMPORARY EROSION CONTROL SEEDING

☐ TEMPORARY TURF (SEEDING, CLASS 7) ☑ TEMPORARY MULCHING

☑ PERMANENT SEEDING

☑ EROSION CONTROL BLANKET / MULCHING ☐ SODDING

☐ GEOTEXTILES □ OTHER (SPECIFY)__

OTHER (SPECIFY)_ CONTINUE (SPECIFY)___ OTHER (SPECIFY)__

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY 809 133,134RS-5,135RS-6 ST. CLAIR 762 295 SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

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EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FED. ROAD DIST. NO. . | ILLINOIS | FED. AID PROJECT

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT HINNECESSARY SOIL FROSTON.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

- 2. PERMANENT SEEDING SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.
- EROSION CONTROL BLANKETS/MULCHING EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES AND IN HIGH VELOCITY AREAS (I.E. DITCHES) THAT HAVE BEEN BROUGHT TO FINAL GRADE AND SEEDED TO PROTECT SLOPES FROM EROSION AND ALLOW SEEDS TO GERMINATE. MULCH, METHOD 2 WILL BE APPLIED IN RELATIVELY FLAT AREAS TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION.

MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

 STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

☑ PERIMETER EROSION BARRIER ☐ ROCK OUTLET PROTECTION ⊠ RIPRAP □ TEMPORARY DITCH CHECK
 □ STORM DRAIN INLET PROTECTION ☐ GABIONS ☐ SEDIMENT TRAP
☐ TEMPORARY PIPE SLOPE DRAIN ☐ SLOPE MATTRESS ☐ RETAINING WALLS TEMPORARY SEDIMENT BASIN ☐ SLOPE WALLS CONCRETE REVETMENT MATS [] TEMPORARY STREAM CROSSING ☐ STABILIZED CONSTRUCTION EXITS ☐ LEVEL SPREADERS THE REINFORCEMENT MATS CLOTHER (SPECIEY) ☐ PERMANENT CHECK DAMS ☐ OTHER (SPECIFY)____ TI PERMANENT SEDIMENT BASIN CLOTHER (SPECIEY) ☐ AGGREGATE DITCH ☐ OTHER (SPECIFY)_____ OTHER (SPECIFY) C PAVED DITCH

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG TOE OF VARIOUS STEEP SLOPES AND AT SOME BOX CULVERTS IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION

- 2. STORM DRAIN INLET PROTECTION INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.
- 3. TEMPORARY DITCH CHECKS DITCH CHECKS WILL BE PLACED IN SWALES WHERE RUNOFF VELOCITY IS HIGH. ALL STRUCTURAL PRACTICES ARE SHOWN IN DETAIL ON THE EROSION CONTROL

TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY _2_ FT. FALL/RISE IN DITCH GRADE.

TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCE WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS, DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), ENVIROBERM, TRIANGULAR SILT DIKES, GEORIDGE AND ROLLED EXCELSIOR.

4. RIPRAP - STONE RIPRAP WITH FILTER FABRIC WILL BE USED AS PROTECTION AT THE DISCHARGE END OF ALL CULVERT END SECTIONS AND AS INLET/OUTLET PROTECTION TO PREVENT SCOURING AT THE END OF PIPES AND PREVENT DOWNSTREAM EROSION.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

> ILLINOIS DEPARTMENT OF TRANSPORTATION STORM WATER POLLUTION REVISIONS PREVENTION PLAN DATE FAP ROUTE 809 (IL 158) SECTION (133,134)RS-5, 135RS-6 ST. CLAIR COUNTY

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- 3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.
 - a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.
- b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

RIPRAP WILL BE PLACED AT VARIOUS CULVERT OUTLETS TO MINIMIZE EROSION.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (S)HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

- b. MATERIAL DELIVERY, STORAGE, AND USE THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:
 - ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
 - WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND. SUCH AS PAINT CANS. SOLVENTS.
 - A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED. OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
 - LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
 - SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.
- c. STOCKPILE MANAGEMENT BMPS SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPS MAY BE CONSIDERED:
 - PERIMETER EROSION BARRIERTEMPORARY SEEDING

 - TEMPORARY MULCH
 - PLASTIC COVERS
 - SOIL BINDERS . STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (S)HE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

- d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL
- f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILRIO INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE

- 1. SEEDING ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.
- 2. PERIMETER EROSION BARRIER SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
- 3. EROSION CONTROL BLANKET/MULCHING ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.
- 4. PROTECTION OF TREES/TEMPORARY TREE PROTECTION ANY PROTECTIVE MEASURES WHICH ARE KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.

5. DITCH CHECKS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAIL WILL BE REPAIRED OR REPLACED IMMEDIATELY.

THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWHALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

- A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.) BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE. SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (JON) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF WATER POLLUTION CONTROL ATTN: COMPLIANCE ASSURANCE SECTION 1021 NORTH GRAND EAST POST OFFICE BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

- A. SPILL PREVENTION AND CONTROL BMPS SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY,
- B. CONCRETE RESIDUALS AND WASHOUT WASTES THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:
 - 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES
 - 2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
 - 3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
 - 4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.
- C. LITTER MANAGEMENT A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.
- D. VEHICLE AND EQUIPMENT CLEANING VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.
- E. VEHICLE AND EQUIPMENT FUELING A VARIETY OF BMPS CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPS WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPS (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPS:
 - 1. CONTAINMENT
 - 2. SPILL PREVENTION AND CONTROL
 - . USE OF DRIP PANS AND ABSORBENTS
 - 4. AUTOMATIC SHUT-OFF NOZZLES
 5. TOPPING OFF RESTRICTIONS
 - 6. LEAK INSPECTION AND REPAIR
- F. VEHICLE AND EQUIPMENT MAINTENANCE ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS

3056

TEMPORARY DITCH CHECK- AGGREGATE

PERIMETER EROSION BARRIER- SILT FILTER
FENCE OR OTHER AS APPROVED BY THE ENGINEER (PEB)



INLET AND PIPE PROTECTION

EROSION CONTROL BLANKET

STONE RIPRAP, CLASS A4 WITH FILTER FABRIC

ILLINOIS DEPARTMENT OF TRANSPORTATION STORM WATER POLLUTION PREVENTION PLAN FAP ROUTE 809 (TL 158)

SECTION (133,134)RS-5, 135RS-6 ST. CLAIR COUNTY

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