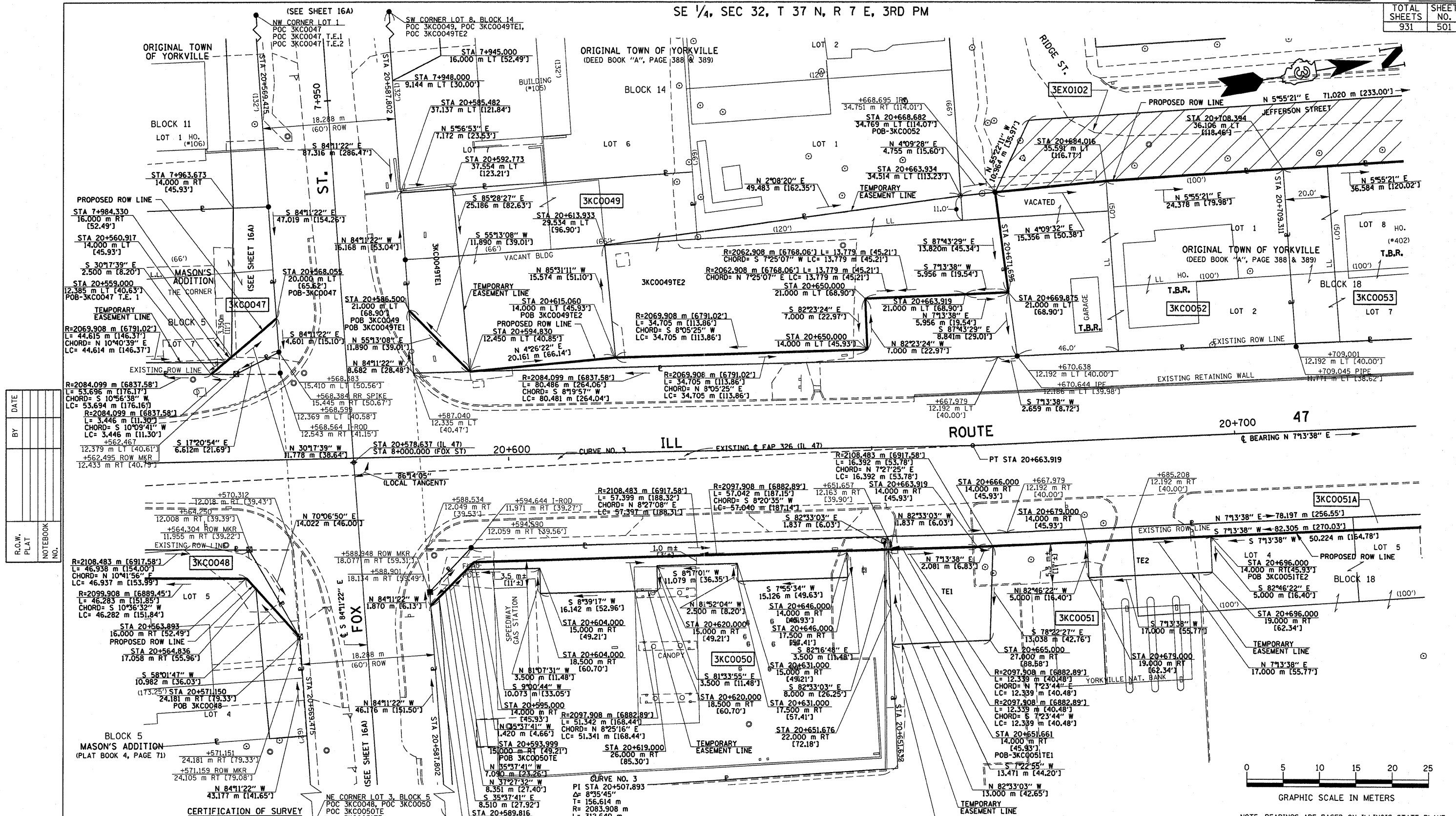
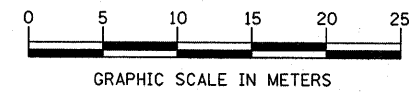


TOTAL SHEETS	SHEET NO.
931	501

SE 1/4, SEC 32, T 37 N, R 7 E, 3RD PM



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109R)  
COUNTY: KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 32 & 33 T 37 N, R 7 E OF 3RD P.M.  
STA 20+550.000 TO STA 20+725.000  
SCALE: 1:250 SHEET NO. 16 OF 36

STATE OF ILLINOIS  
COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_  
ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

THOMAS C. QUIGG  
PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
JACKSONVILLE, IL  
LICENSE EXPIRES 11/30/08

SW 1/4, SEC 33, T 37 N, R 7 E, 3RD PM

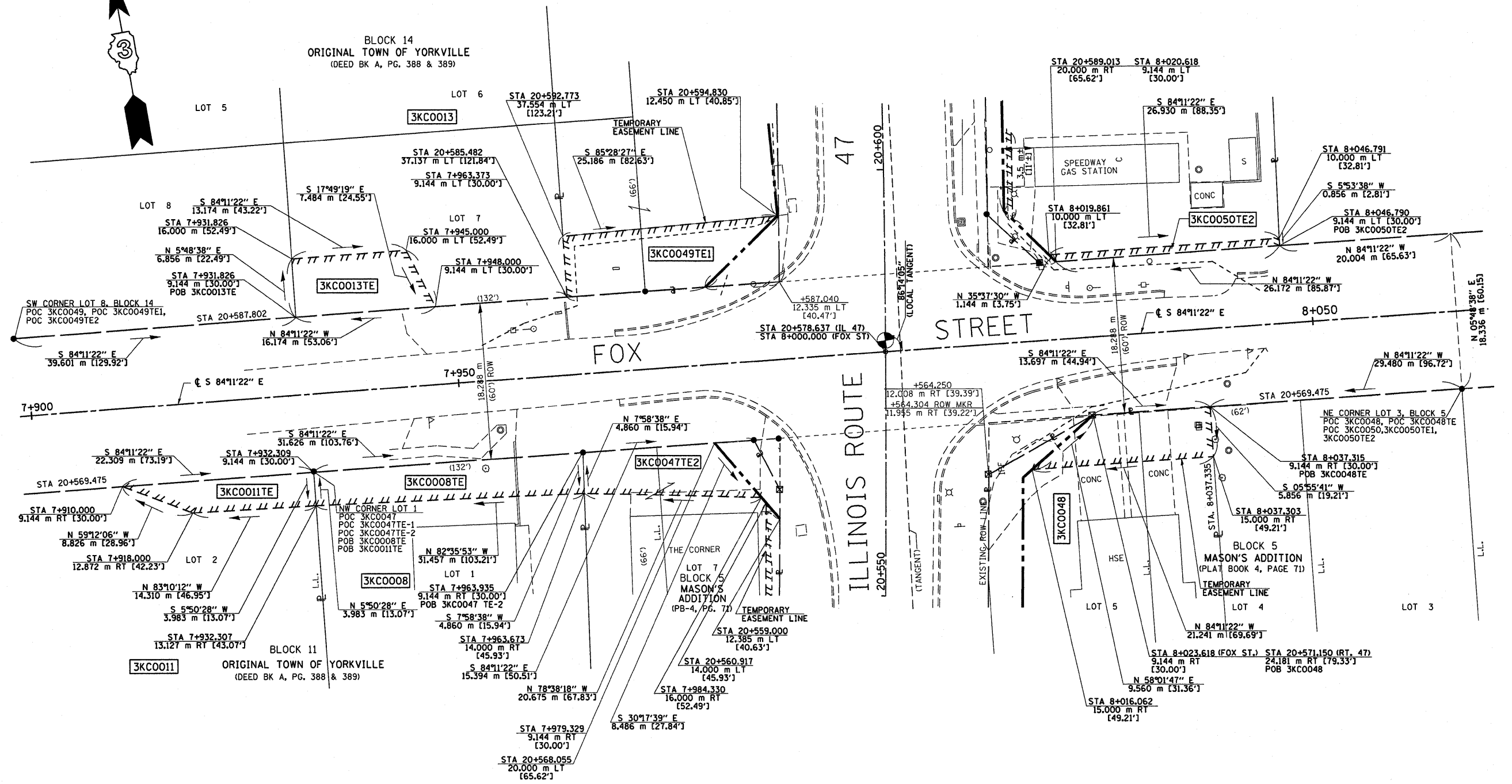
AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0049	PAUL D. BUCK, et ux	1,920 m <sup>2</sup> ± [20,667 SF]±	291 m <sup>2</sup> ± [3,132 SF]±	1,629 m <sup>2</sup> ± [17,535 SF]±	TE1 = 153 m <sup>2</sup> ± [1,647 SF]± TE2 = 864 m <sup>2</sup> ± [9,300 SF]±	TE1 = DRIVE RECONSTRUCTION TE2 = PARKING LOT RECONSTRUCTION
3KC0050	EMRO MARKETING COMPANY	2,062 m <sup>2</sup> ± [22,195 SF]±	121 m <sup>2</sup> ± [1,302 SF]±	1,941 m <sup>2</sup> ± [20,893 SF]±	TE1 = 146 m <sup>2</sup> ± [1,572 SF]± TE2 = 23 m <sup>2</sup> ± [245 SF]±	DRIVE RECONSTRUCTION AND GRADING
3KC0051	OLD SECOND NATIONAL BANK	19,405 m <sup>2</sup> ± [208,873 SF]±	TRACT A, 171 m <sup>2</sup> ± [1,841 SF]± TRACT B, 183 m <sup>2</sup> ± [1,970 SF]±	19,051 m <sup>2</sup> ± [205,062 SF]±	TE1 = 181 m <sup>2</sup> ± [1,948 SF]± TE2 = 85 m <sup>2</sup> ± [915 SF]± TE3 = 190 m <sup>2</sup> ± [2,045 SF]±	TE1 = DRIVE RECONSTRUCTION TE2 = DRIVE RECONSTRUCTION TE3 = DRIVE RECONSTRUCTION
3KC0052	PATRICK K. BEARDSLEY, et ux	914 m <sup>2</sup> ± [9,838 SF]±	914 m <sup>2</sup> ± [9,838 SF]±	0 m <sup>2</sup> ± [0 SF]		
3KC0053	JOHN C. STEINHOFF, et ux	889 m <sup>2</sup> ± [9,569 SF]±	889 m <sup>2</sup> ± [9,569 SF]±	0 m <sup>2</sup> ± [0 SF]		

TOTAL SHEETS	SHEET NO.
931	502

SE 1/4, SEC 32, T 37 N, R 7 E, 3RD PM

SW 1/4, SEC 33, T 37 N, R 7 E, 3RD PM



BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
COUNTY OF KENDALL

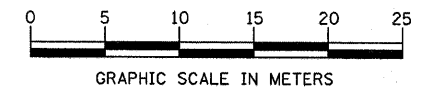
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DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
SURVEY BOOK NOS. \_\_\_\_\_



AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO008	TERRY D. COPE, et ux	629 m <sup>2</sup> ± [6,769 SF] ±			139 m <sup>2</sup> ± [1,500 SF] ±	DRIVE RECONSTRUCTION
3KCO011	THE SALISBURY FAMILY TRUST	809 m <sup>2</sup> ± [8,712 SF] ±			70 m <sup>2</sup> ± [754 SF] ±	DRIVE RECONSTRUCTION
3KCO013	THE COUNTY OF KENDALL	4,709 m <sup>2</sup> ± [50,688 SF] ±			101 m <sup>2</sup> ± [1,083 SF] ±	DRIVE RECONSTRUCTION



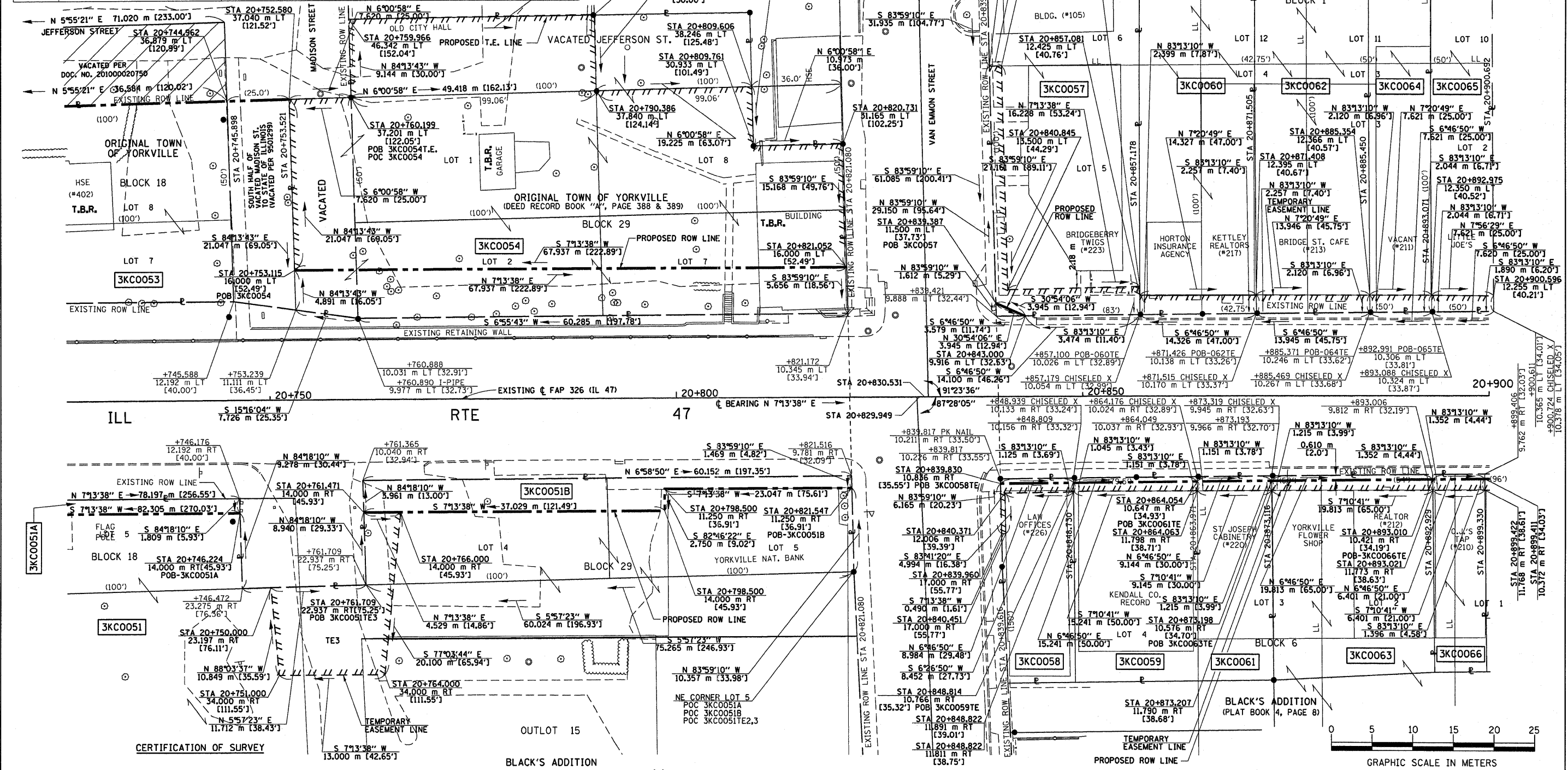
NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 10B, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 32 & 33 T 37 N, R 7 E OF 3RD P.M.  
STA 20+550.000 TO STA 20+725.000  
SCALE: 1:250 SHEET NO. 16A OF 36

NE 1/4, SEC 32, T 37 N, R 7 E, 3RD PM

PARCEL NO.	OWNER	AREA OF WHOLE	AREA TAKEN	AREA REMAIN	AREA OF EASEMENT	EASEMENT PURPOSE
3KCO054	JEFFERSON PROPERTIES, LTD	2,697 m <sup>2</sup> ± [29,031 SF]±	392 m <sup>2</sup> ± [4,220 SF]±	2,305 m <sup>2</sup> ± [24,811 SF]±	1,675 m <sup>2</sup> ± [18,030 SF]±	BUILDING REMOVAL, SLOPE EXCAVATION, GRADING & SHAPING
3KCO057	ROBERT R. DEARBORN, JR. et ux	700 m <sup>2</sup> ± [7,535 SF]±	3 m <sup>2</sup> ± [32 SF]±	697 m <sup>2</sup> ± [7,503 SF]±	101 m <sup>2</sup> ± [1,087 SF]±	SIDEWALK & GRADING
3KCO060	THE OLD SECOND NATIONAL BANK OF AURORA, TRUST NO. 6369	676 m <sup>2</sup> ± [7,276 SF]±	—	—	33 m <sup>2</sup> ± [355 SF]±	SIDEWALK CONSTRUCTION
3KCO062	ROBERT R. DEARBORN, JR., et ux, TR	699 m <sup>2</sup> ± [7,524 SF]±	—	—	31 m <sup>2</sup> ± [334 SF]±	SIDEWALK CONSTRUCTION
3KCO064	ROBERT DEARBORN, et ux	436 m <sup>2</sup> ± [4,693 SF]±	—	—	16 m <sup>2</sup> ± [172 SF]±	SIDEWALK CONSTRUCTION
3KCO065	GRW PROPERTIES, LLC	438 m <sup>2</sup> ± [4,715 SF]±	—	—	15 m <sup>2</sup> ± [161 SF]±	SIDEWALK CONSTRUCTION



BY	DATE

R.O.W. PLAT	NOTEBOOK NO.

STATE OF ILLINOIS  
 COUNTY OF KENDALL

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DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_



NW 1/4, SEC 33, T 37 N, R 7 E, 3RD PM

AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

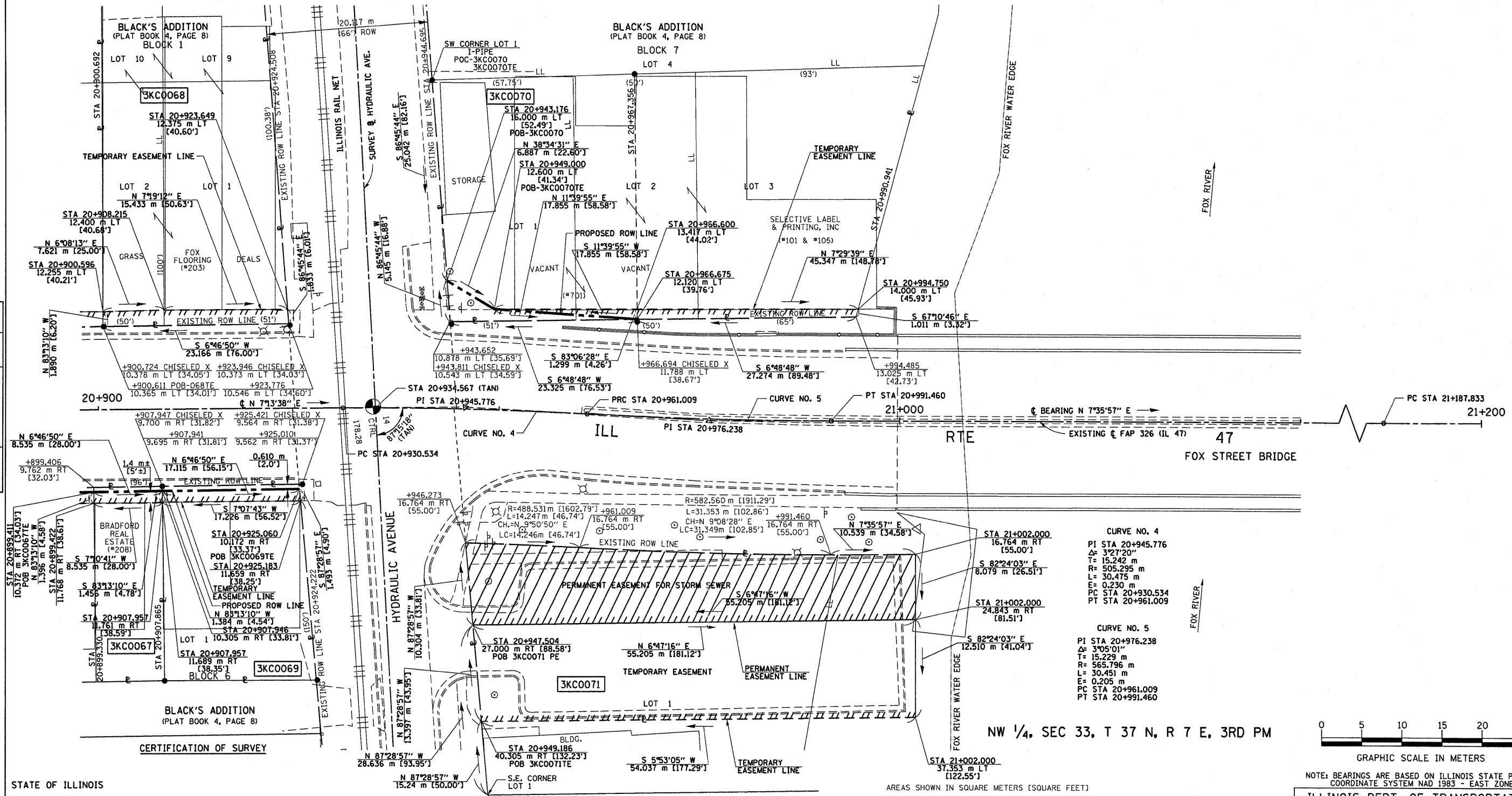
PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO058	DALLAS C. INGENUNSON, et al	231 m <sup>2</sup> ± [2,486 SF]±	6 m <sup>2</sup> ± [65 SF]±	225 m <sup>2</sup> ± [2,421 SF]±	13 m <sup>2</sup> ± [140 SF]±	SIDEWALK CONSTRUCTION
3KCO059	JEFFREY A. FARREN, et ux	383 m <sup>2</sup> ± [4,123 SF]±	9 m <sup>2</sup> ± [97 SF]±	374 m <sup>2</sup> ± [4,026 SF]±	17 m <sup>2</sup> ± [183 SF]±	SIDEWALK CONSTRUCTION
3KCO061	GREGORY A. MILLEN	230 m <sup>2</sup> ± [2,476 SF]±	6 m <sup>2</sup> ± [65 SF]±	224 m <sup>2</sup> ± [2,411 SF]±	11 m <sup>2</sup> ± [118 SF]±	SIDEWALK CONSTRUCTION
3KCO063	MASONIC BUILDING ASSOCIATION OF YORKVILLE	964 m <sup>2</sup> ± [10,376 SF]±	12 m <sup>2</sup> ± [129 SF]±	952 m <sup>2</sup> ± [10,247 SF]±	25 m <sup>2</sup> ± [269 SF]±	SIDEWALK CONSTRUCTION
3KCO066	GERALD A. JOHNSON, et ux	156 m <sup>2</sup> ± [1,679 SF]±	4 m <sup>2</sup> ± [43 SF]±	152 m <sup>2</sup> ± [1,636 SF]±	9 m <sup>2</sup> ± [97 SF]±	SIDEWALK CONSTRUCTION

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 32 & 33 T 37 N, R 7 E OF 3RD P.M.  
 STA 20+725.000 TO STA 20+900.000  
 SCALE: 1:250 SHEET NO. 17 OF 36

NE 1/4, SEC 32, T 37 N, R 7 E, 3RD PM

TOTAL SHEETS	SHEET NO.
931	504



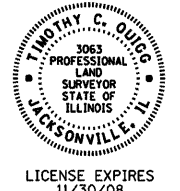
BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

STATE OF ILLINOIS  
 COUNTY OF KENDALL

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DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS. \_\_\_\_\_

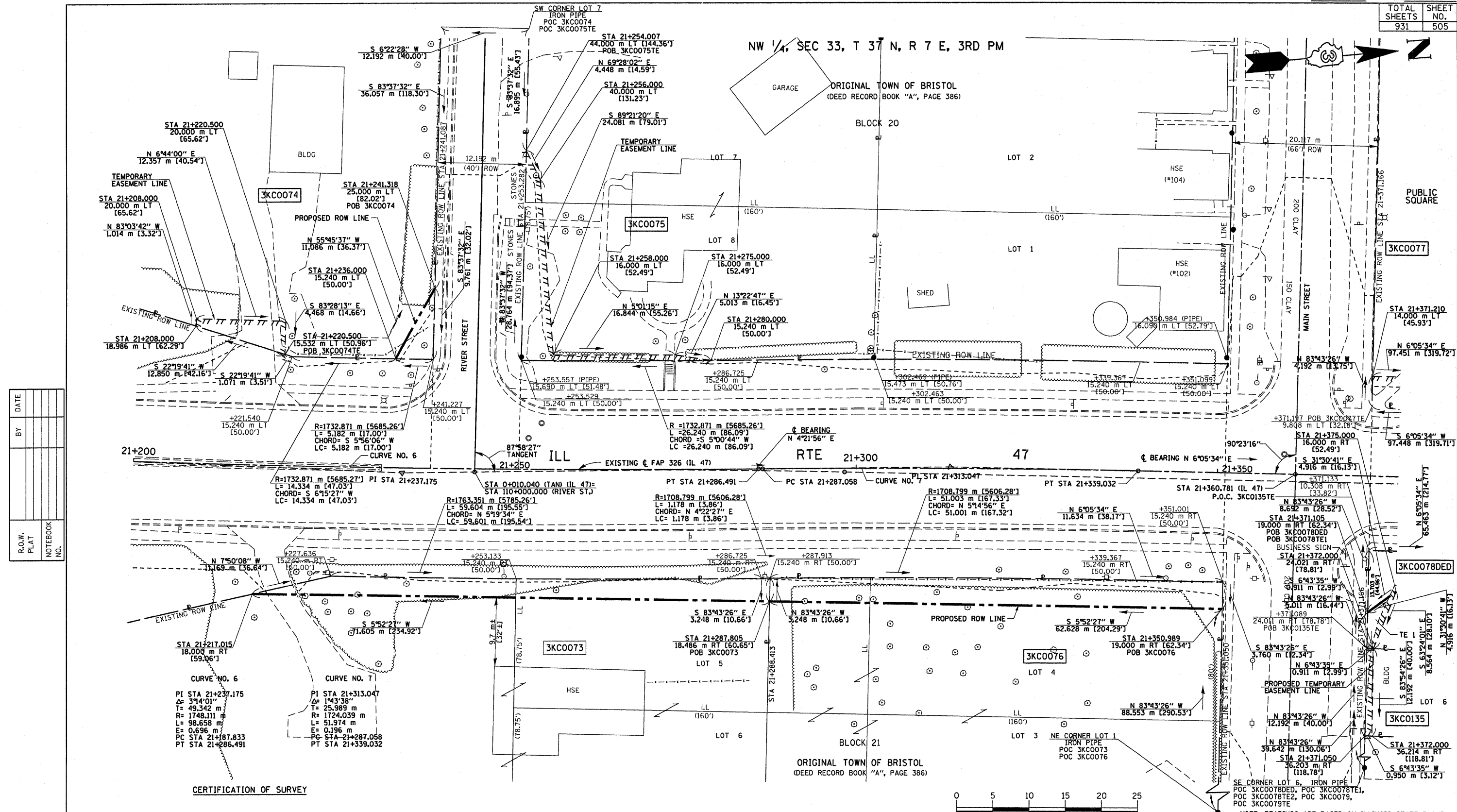


PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO067	DAN KRAMER, TRUSTEE, TRUST NO. 31	208 m <sup>2</sup> ± [2,239 SF]±	5 m <sup>2</sup> ± [54 SF]±	203 m <sup>2</sup> ± [2,185 SF]±	12 m <sup>2</sup> ± [129 SF]±	SIDEWALK CONSTRUCTION
3KCO068	UNION BANK, TRUSTEE	1,218 m <sup>2</sup> ± [13,110 SF]±	—	—	44 m <sup>2</sup> ± [474 SF]±	SIDEWALK CONSTRUCTION
3KCO069	AMENT III, LLC	435 m <sup>2</sup> ± [4,662 SF]±	10 m <sup>2</sup> ± [108 SF]±	425 m <sup>2</sup> ± [4,574 SF]±	25 m <sup>2</sup> ± [269 SF]±	SIDEWALK CONSTRUCTION
3KCO070	BRIDGE STREET PLAZA, INC	731 m <sup>2</sup> ± [7,833 SF]±	32 m <sup>2</sup> ± [344 SF]±	719 m <sup>2</sup> ± [7,749 SF]±	43 m <sup>2</sup> ± [463 SF]±	SIDEWALK & GRADING
3KCO071	THE UNITED CITY OF THE VILLAGE OF YORKVILLE	1,203 m <sup>2</sup> ± [12,948 SF]±	PERMANENT EASEMENT 496 m <sup>2</sup> ± [5,339 SF]±	—	707 m <sup>2</sup> ± [7,607 SF]±	P.E. - STORM DRAINAGE T.E. - PARKING LOT REHABILITATION

NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

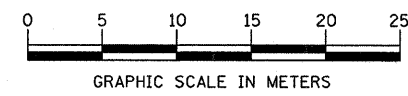
ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 32 & 33 T 37 N, R 7 E OF 3RD P.M.  
 STA 20+900.000 TO STA 21+200.000  
 SCALE: 1:250 SHEET NO. 18 OF 36



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

CERTIFICATION OF SURVEY



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

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 SURVEY BOOK NOS. \_\_\_\_\_

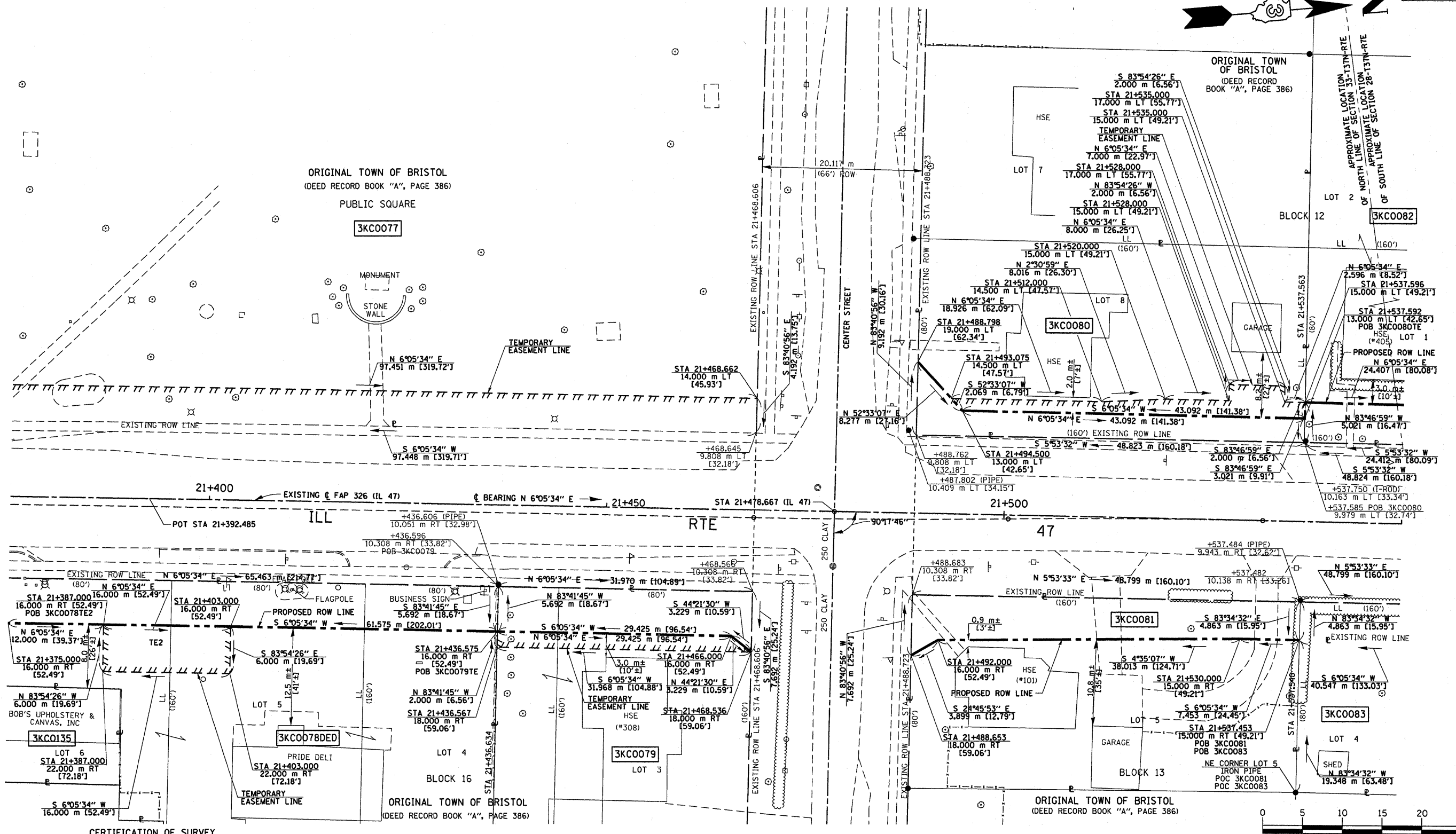


AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0073	GLENN J. SCHOMER	4,614 m <sup>2</sup> ± [49,665 SF]±	183 m <sup>2</sup> ± [1,970 SF]±	4,431 m <sup>2</sup> ± [47,695 SF]±	—	—
3KC0074	BERT W. ERICKSON, et ux	2,307 m <sup>2</sup> ± [24,832 SF]±	25 m <sup>2</sup> ± [269 SF]±	2,282 m <sup>2</sup> ± [24,563 SF]±	34 m <sup>2</sup> ± [366 SF]±	DRIVE RECONSTRUCTION
3KC0075	VICTORIA K. COVENY	2,164 m <sup>2</sup> ± [23,293 SF]±	—	—	100 m <sup>2</sup> ± [1,076 SF]±	GRADING
3KC0076	RONALD W. CLARK, et al	18,684 m <sup>2</sup> ± [201,112 SF]±	230 m <sup>2</sup> ± [2,476 SF]±	18,454 m <sup>2</sup> ± [198,636 SF]±	—	—
3KC0135	ARNOLD BITTERMAN, et al	223 m <sup>2</sup> ± [2,400 SF]±	—	—	11 m <sup>2</sup> ± [118 SF]±	GRADING

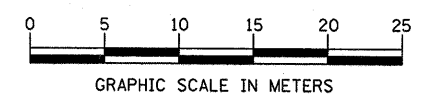
ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 33 T 37 N, R 7 E OF 3RD P.M.  
 STA 21+200.000 TO STA 21+375.000  
 SCALE: 1:250 SHEET NO. 19 OF 36



BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

CERTIFICATION OF SURVEY



STATE OF ILLINOIS  
 COUNTY OF KENDALL

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DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_

LICENSE EXPIRES 11/30/08

AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0077	THE UNITED CITY OF YORKVILLE	9,513 m² ± [102,400 SF] ±	—	—	409 m² ± [4,402 SF] ±	GRADING
3KC0078DED	N & M FOOD, INC.	2,462 m² ± [26,500 SF] ±	378 m² ± [4,069 SF] ±	—	TE#1, 13 m² ± [140 SF] ± TE#2, 96 m² ± [1,033 SF] ±	TE#1-GRADING TE#2-DRIVE RECONSTRUCTION
3KC0079	GK HOLDINGS, LLC	1,561 m² ± [16,800 SF] ±	185 m² ± [1,991 SF] ±	1,376 m² ± [14,809 SF] ±	[657 SF] ±	GRADING
3KC0080	DON C. KALANT, SR.	1,189 m² ± [12,800 SF] ±	169 m² ± [1,819 SF] ±	1,020 m² ± [10,981 SF] ±	91 m² ± [980 SF] ±	DRIVE RECONSTRUCTION AND GRADING
3KC0081	SIX HOLDINGS, LLC	1,189 m² ± [12,800 SF] ±	259 m² ± [2,788 SF] ±	930 m² ± [10,012 SF] ±	—	—

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

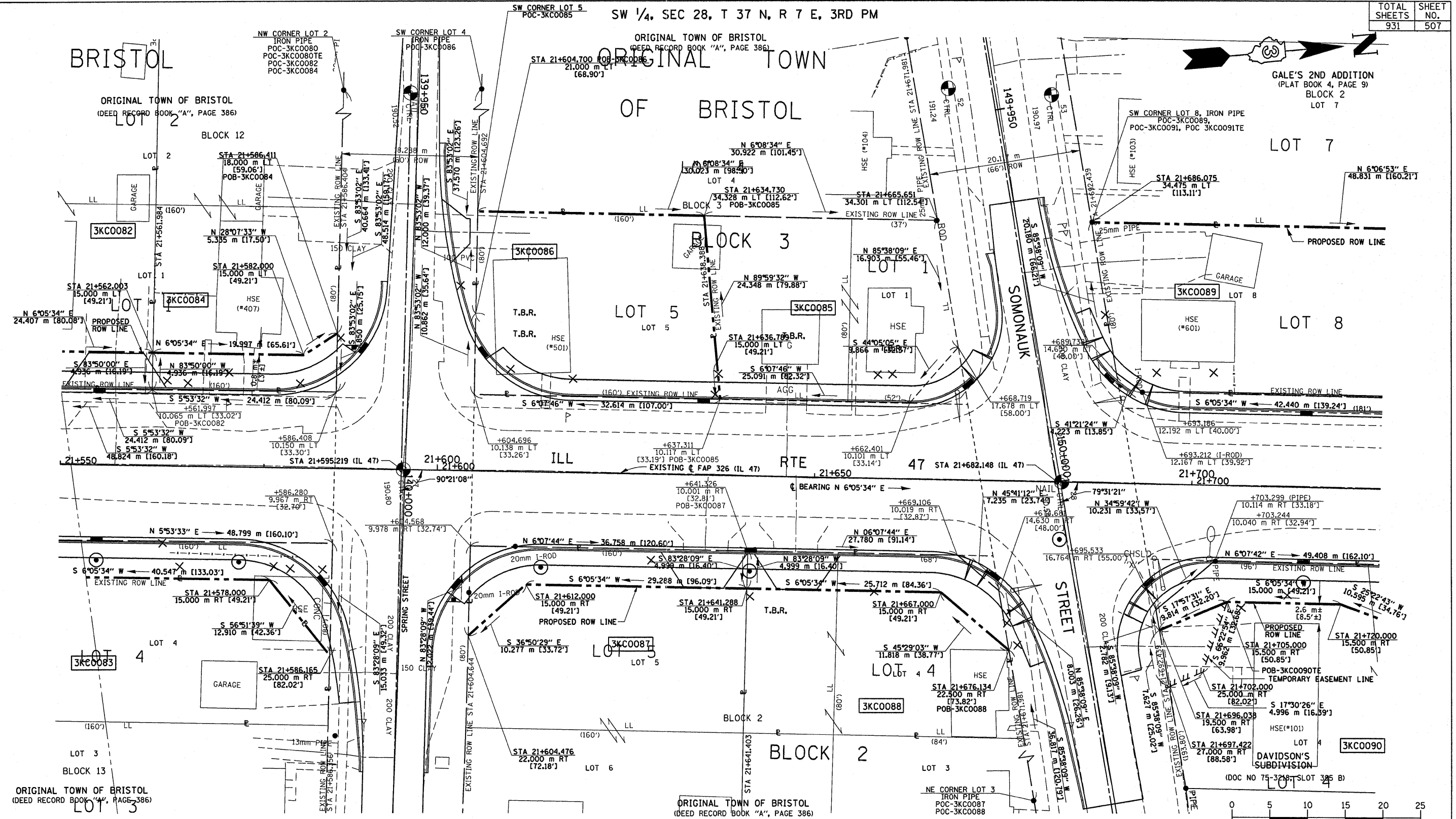
ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 10B, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 33 T 37 N, R 7 E OF 3RD P.M.  
 STA 21+375.000 TO STA 21+550.000  
 SCALE: 1:250 SHEET NO. 20 OF 36

SW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

ORIGINAL TOWN OF BRISTOL (DEED RECORD BOOK "A", PAGE 386)

ORIGINAL TOWN OF BRISTOL OF BRISTOL

GALE'S 2ND ADDITION (PLAT BOOK 4, PAGE 9) BLOCK 2 LOT 7



BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

**CERTIFICATION OF SURVEY**

STATE OF ILLINOIS  
 COUNTY OF KENDALL  
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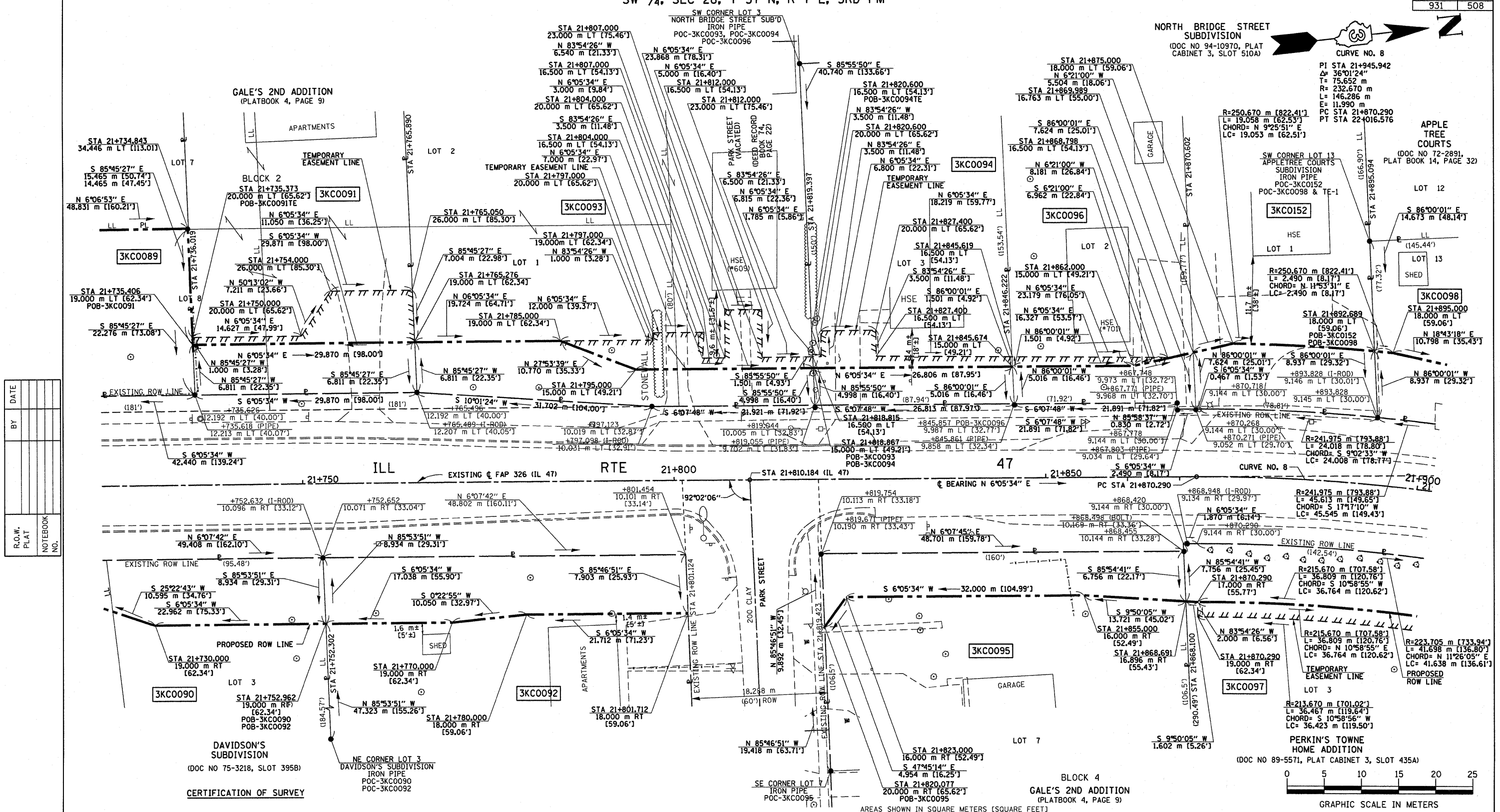
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 SURVEY BOOK NOS. \_\_\_\_\_

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO082	PHILLIP A. CULLEN, et al	1,189 m <sup>2</sup> ± [12,800 SF]±	122 m <sup>2</sup> ± [1,313 SF]±	1,067 m <sup>2</sup> ± [11,487 SF]±	—	—
3KCO083	JAMES W. WARD, et ux WD DOC. 200400036391	1,189 m <sup>2</sup> ± [12,800 SF]±	283 m <sup>2</sup> ± [3,046 SF]±	906 m <sup>2</sup> ± [9,754 SF]±	—	—
3KCO084	RONALD P. THORSON, et ux	1,189 m <sup>2</sup> ± [12,800 SF]±	126 m <sup>2</sup> ± [1,356 SF]±	1,063 m <sup>2</sup> ± [11,444 SF]±	—	—
3KCO085	LUTHER G. ROBERTS, et ux WD DOC. 200100020668	742 m <sup>2</sup> ± [7,987 SF]±	742 m <sup>2</sup> ± [7,987 SF]±	0 m <sup>2</sup> ± [0 SF]±	—	—
3KCO086	RICHARD Z. CHELMINSKI	764 m <sup>2</sup> ± [8,220 SF]±	764 m <sup>2</sup> ± [8,220 SF]±	0 m <sup>2</sup> ± [0 SF]±	—	—
3KCO087	JOHN SHICK	1,799 m <sup>2</sup> ± [19,360 SF]±	210 m <sup>2</sup> ± [2,260 SF]±	1,589 m <sup>2</sup> ± [17,100 SF]±	—	—
3KCO088	JACK L. BUCKNER	844 m <sup>2</sup> ± [9,085 SF]±	183 m <sup>2</sup> ± [1,967 SF]±	661 m <sup>2</sup> ± [7,118 SF]±	—	—
3KCO089	ARLENE REINOLDT	1,045 m <sup>2</sup> ± [11,248 SF]±	1045 m <sup>2</sup> ± [11,248 SF]±	0 m <sup>2</sup> ± [0 SF]±	—	—
3KCO090	SANDY L. JUDD, et al	1,680 m <sup>2</sup> ± [18,080 SF]±	403 m <sup>2</sup> ± [4,334 SF]±	1,277 m <sup>2</sup> ± [13,746 SF]±	55 m <sup>2</sup> ± [593 SF]±	DRIVEWAY CONSTRUCTION

GRAPHIC SCALE IN METERS  
 NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE  
**ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT**  
 ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 10B, 109R)  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 21+550.000 TO STA 21+725.000  
 SCALE: 1:250 SHEET NO. 21 OF 36

SW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

TOTAL SHEETS	SHEET NO.
931	508



BY	DATE
ROW.	PLAT
NOTEBOOK	NO.

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0091	JEFFREY L. WEAVER, et ux	1,501 m <sup>2</sup> ± [16,160 SF]±	203 m <sup>2</sup> ± [2,188 SF]±	1,298 m <sup>2</sup> ± [13,972 SF]±	109 m <sup>2</sup> ± [1173 SF]±	DRIVE RECONSTRUCTION AND GRADING
3KC0092	MEHMET OSMANI	1,232 m <sup>2</sup> ± [13,260 SF]±	408 m <sup>2</sup> ± [4,392 SF]±	824 m <sup>2</sup> ± [8,868 SF]±		
3KC0093	DONALD L. BURKS	2,658 m <sup>2</sup> ± [28,610 SF]±	331 m <sup>2</sup> ± [3,563 SF]±	2,327 m <sup>2</sup> ± [25,047 SF]±	118 m <sup>2</sup> ± [1267 SF]±	DRIVE AND SIDEWALK RECONSTRUCTION AND GRADING
3KC0094	AMY STANKIEWICZ	1,235 m <sup>2</sup> ± [13,293 SF]±	134 m <sup>2</sup> ± [1,442 SF]±	1,101 m <sup>2</sup> ± [11,851 SF]±	64 m <sup>2</sup> ± [689 SF]±	DRIVE RECONSTRUCTION AND GRADING
3KC0095	FRANK JON WALTERS, et ux	1,583 m <sup>2</sup> ± [17,040 SF]±	298 m <sup>2</sup> ± [3,208 SF]±	1,285 m <sup>2</sup> ± [13,832 SF]±		
3KC0096	JOHN J. WYETH, et ux	1,155 m <sup>2</sup> ± [12,432 SF]±	132 m <sup>2</sup> ± [1,421 SF]±	1,023 m <sup>2</sup> ± [11,011 SF]±	30 m <sup>2</sup> ± [323 SF]±	DRIVE RECONSTRUCTION AND GRADING
3KC0097	HOLMAN F. HORTON, JR., et ux	2,887 m <sup>2</sup> ± [31,075 SF]±	335 m <sup>2</sup> ± [3,606 SF]±	2,552 m <sup>2</sup> ± [27,469 SF]±	111 m <sup>2</sup> ± [1,195 SF]±	DRIVE RECONSTRUCTION AND GRADING
3KC0152	THOMAS O'BRIEN, et al	1,209 m <sup>2</sup> ± [13,014 SF]±	213 m <sup>2</sup> ± [2,293 SF]±	996 m <sup>2</sup> ± [10,721 SF]±		

NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

**ILLINOIS DEPT. OF TRANSPORTATION**  
**RIGHT OF WAY PLAT**

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 10B, 109R)  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 21+725.000 TO STA 21+900.000  
 SCALE: 1:250 SHEET NO. 22 OF 36

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. OUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACTED.

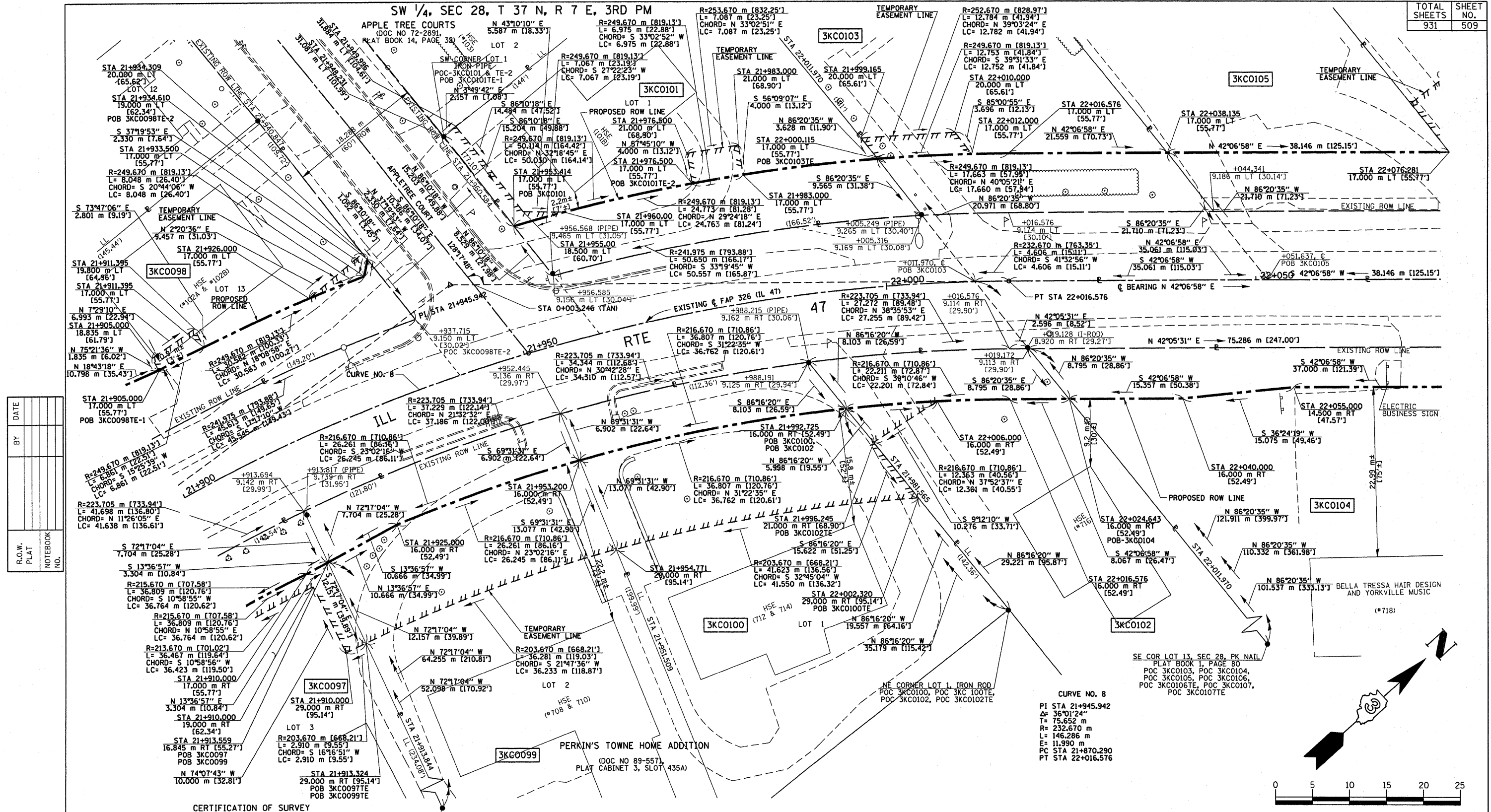
DATE: \_\_\_\_\_  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS. \_\_\_\_\_





SW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_



SE CORNER LOT 2  
 NE CORNER LOT 3, IRON PIPE  
 POC 3KCO097, POC 3KCO097TE,  
 POC 3KCO099, POC 3KCO099TE

AREAS SHOWN IN SQUARE METERS (SQUARE FEET)

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	AREA IN EXISTING ROADWAY	NET ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO098	KIM A. PETERSON	1,229 m <sup>2</sup> ± [13,229 SF] ±	367 m <sup>2</sup> ± [3,950 SF] ±	—	367 m <sup>2</sup> ± [3,950 SF] ±	862 m <sup>2</sup> ± [9,279 SF] ±	TE-1 16 m <sup>2</sup> ± [171 SF] ± TE-2 13 m <sup>2</sup> ± [137 SF] ±	DRIVE RECONSTRUCTION AND GRADING
3KCO099	JANICE L. VANRIPER	2,365 m <sup>2</sup> ± [25,457 SF] ±	259 m <sup>2</sup> ± [2,788 SF] ±	—	259 m <sup>2</sup> ± [2,788 SF] ±	2,106 m <sup>2</sup> ± [22,669 SF] ±	471 m <sup>2</sup> ± [5,070 SF] ±	DRIVE RECONSTRUCTION
3KCO100	DENNIS H. AUSTIN, TRUSTEE	2,088 m <sup>2</sup> ± [22,475 SF] ±	244 m <sup>2</sup> ± [2,626 SF] ±	—	244 m <sup>2</sup> ± [2,626 SF] ±	1,844 m <sup>2</sup> ± [19,849 SF] ±	510 m <sup>2</sup> ± [5,490 SF] ±	DRIVE RECONSTRUCTION
3KCO101	THE OLD SECOND NATIONAL BANK, TRUST NO. 8801	1,538 m <sup>2</sup> ± [16,555 SF] ±	395 m <sup>2</sup> ± [4,252 SF] ±	—	395 m <sup>2</sup> ± [4,252 SF] ±	1,143 m <sup>2</sup> ± [12,303 SF] ±	TE-1 37 m <sup>2</sup> ± [401 SF] ± TE-2 28 m <sup>2</sup> ± [303 SF] ±	DRIVE RECONSTRUCTION AND GRADING
3KCO102	HOLMAN F. HORTON, JR., et ux	2,669 m <sup>2</sup> ± [28,729 SF] ±	207 m <sup>2</sup> ± [2,228 SF] ±	—	207 m <sup>2</sup> ± [2,228 SF] ±	2,462 m <sup>2</sup> ± [26,501 SF] ±	31 m <sup>2</sup> ± [334 SF] ±	DRIVE RECONSTRUCTION
3KCO103	BRETT A. BEHRENS, et ux	2,267 m <sup>2</sup> ± [24,402 SF] ±	671 m <sup>2</sup> ± [7,223 SF] ±	363 m <sup>2</sup> ± [3,907 SF] ±	308 m <sup>2</sup> ± [3,316 SF] ±	1,596 m <sup>2</sup> ± [17,179 SF] ±	38 m <sup>2</sup> ± [412 SF] ±	DRIVE RECONSTRUCTION
3KCO104	CASTLE BANK N.A. TRUSTEE	3,650 m <sup>2</sup> ± [39,288 SF] ±	433 m <sup>2</sup> ± [4,661 SF] ±	—	433 m <sup>2</sup> ± [4,661 SF] ±	3,217 m <sup>2</sup> ± [34,627 SF] ±	—	—
3KCO105	PETER A. LODESTRO, et ux	2,879 m <sup>2</sup> ± [30,989 SF] ±	351 m <sup>2</sup> ± [3,778 SF] ±	—	351 m <sup>2</sup> ± [3,778 SF] ±	2,528 m <sup>2</sup> ± [27,211 SF] ±	—	—

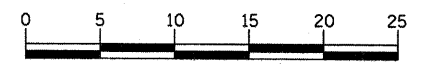
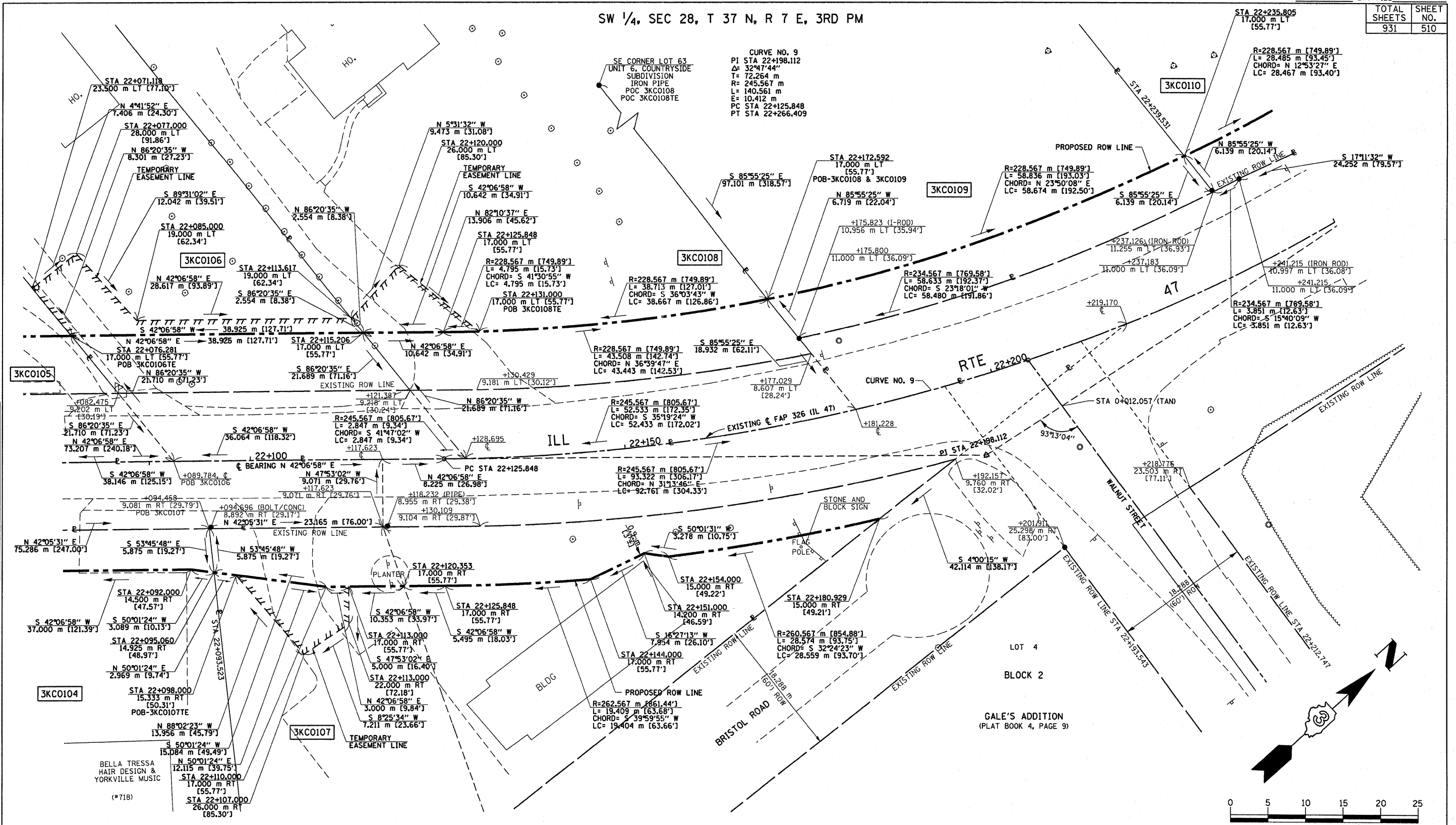
NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109R)  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 21+900.000 TO STA 22+075.000  
 SCALE: 1:250 SHEET NO. 23 OF 36

TOTAL SHEETS	SHEET NO.
931	510

DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	



GRAPHIC SCALE IN METERS  
 NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

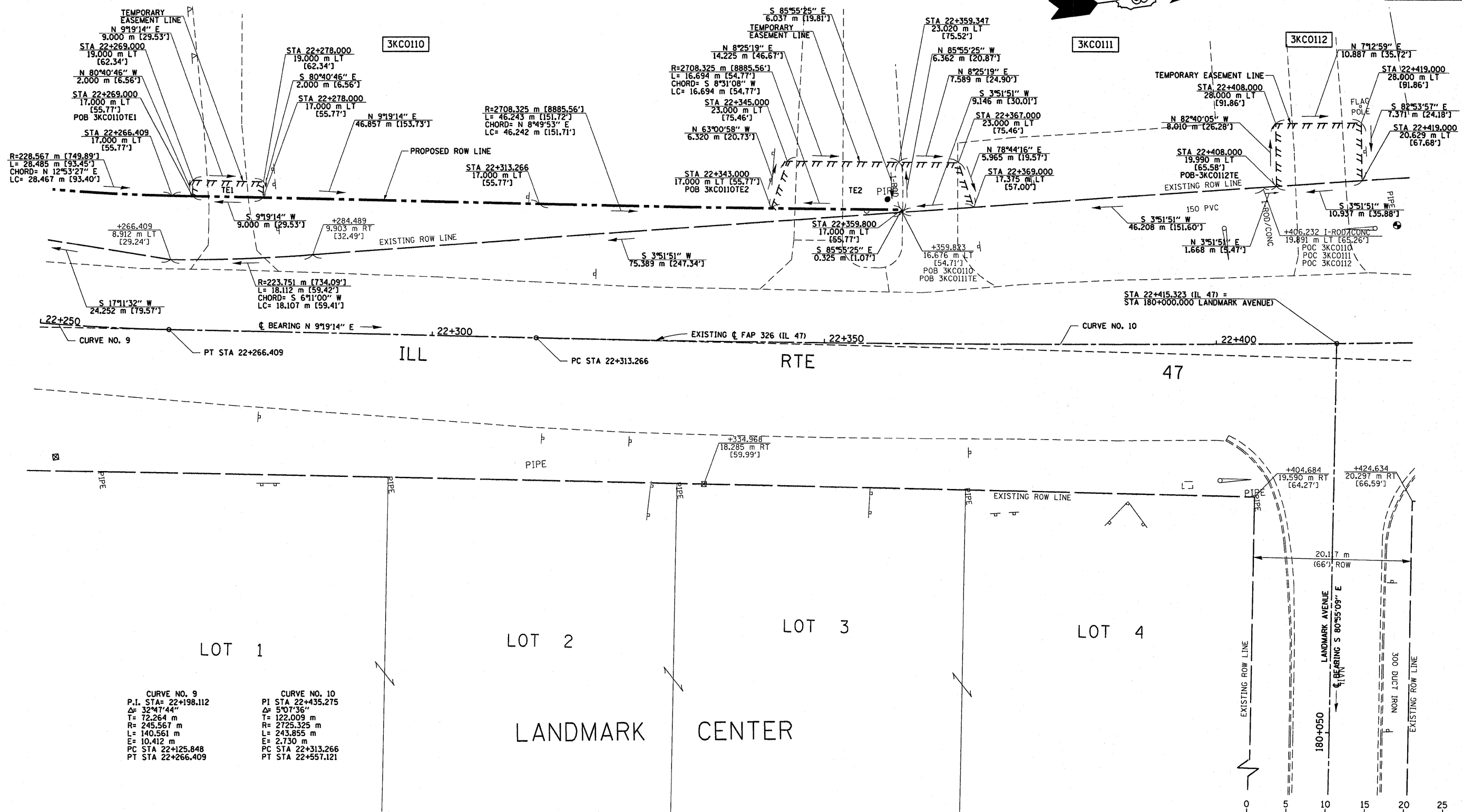
**CERTIFICATION OF SURVEY**  
 STATE OF ILLINOIS  
 COUNTY OF KENDALL  
 I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
 DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. R024



PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	AREA IN EXISTING ROADWAY	NET ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0106	LARAIN GRISWOLD	3,654 m <sup>2</sup> ± [39,331 SF] ±	662 m <sup>2</sup> ± [7,126 SF] ±	359 m <sup>2</sup> ± [3,864 SF] ±	303 m <sup>2</sup> ± [3,262 SF] ±	2,992 m <sup>2</sup> ± [32,205 SF] ±	146 m <sup>2</sup> ± [1,572 SF] ±	DRIVE RECONSTRUCTION AND GRADING
3KC0107	DENNIS W. KNAUF, et ux	3,822 m <sup>2</sup> ± [41,140 SF] ±	1,465 m <sup>2</sup> ± [15,769 SF] ±	840 m <sup>2</sup> ± [9,042 SF] ±	625 m <sup>2</sup> ± [6,727 SF] ±	2,357 m <sup>2</sup> ± [25,371 SF] ±	85 m <sup>2</sup> ± [915 SF] ±	DRIVE RECONSTRUCTION
3KC0108	OLD SECOND NATIONAL BANK	6,730 m <sup>2</sup> ± [72,445 SF] ±	907 m <sup>2</sup> ± [9,763 SF] ±	472 m <sup>2</sup> ± [5,081 SF] ±	435 m <sup>2</sup> ± [4,682 SF] ±	5,823 m <sup>2</sup> ± [62,682 SF] ±	82 m <sup>2</sup> ± [883 SF] ±	DRIVE RECONSTRUCTION
3KC0109	OLD SECOND NATIONAL BANK OF AURORA, TRUST NO. 6369	6,263 m <sup>2</sup> ± [67,410 SF] ±	352 m <sup>2</sup> ± [3,789 SF] ±	—	—	5,911 m <sup>2</sup> ± [63,621 SF] ±	—	—

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT  
 ROUTE FAP 326 (IL 47)  
 SECTION 1 (5CS, 13C, 108, 109R)  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 22+075.000 TO STA 22+250.000  
 SCALE: 1:250 SHEET NO. 24 OF 36

TOTAL SHEETS	SHEET NO.
931	511



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.



DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS. R025

LICENSE EXPIRES 11/30/08

GRAPHIC SCALE IN METERS  
NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 28 T 37 N, R 7 E OF 3RD P.M.  
STA 22+250.000 TO STA 22+425.000  
SCALE: 1:250 SHEET NO. 25 OF 36

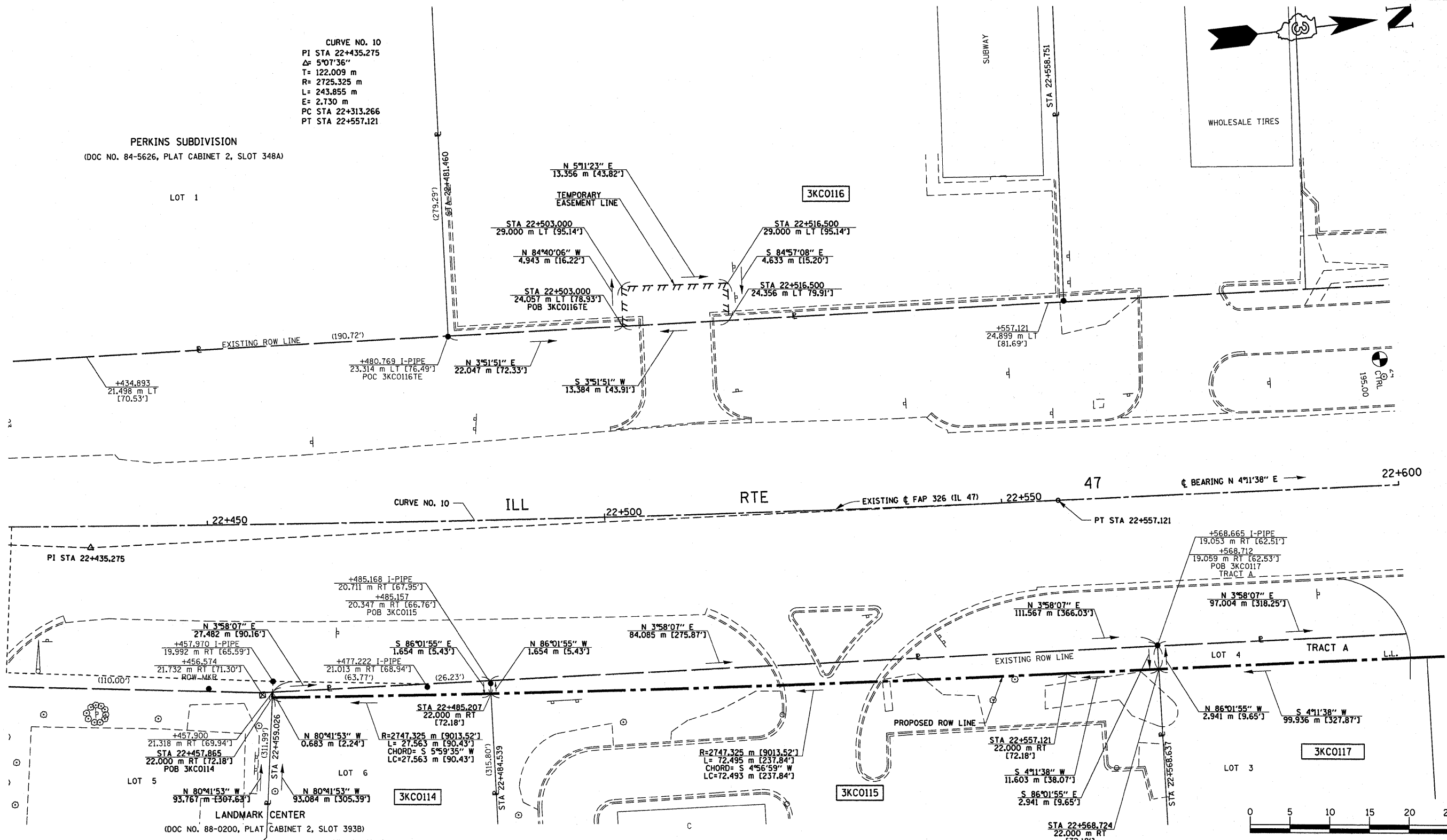
AREAS SHOWN IN SQUARE METERS [SQUARE FEET]						
PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0110	LUE N. HAIG	15,737 m <sup>2</sup> ± [169,391 SF] ±	599 m <sup>2</sup> ± [6,448 SF] ±	15,138 m <sup>2</sup> ± [162,943 SF] ±	TE#1, 18 m <sup>2</sup> ± [194 SF] ± TE#2, 93 m <sup>2</sup> ± [1,001 SF] ±	DRIVE RECONSTRUCTION
3KC0111	BRIDGE STREET COMMONS, LLC	5,921 m <sup>2</sup> ± [63,733 SF] ±	—	—	50 m <sup>2</sup> ± [538 SF] ±	DRIVE RECONSTRUCTION
3KC0112	ESMER CAPITAL MANAGEMENT ENTERPRISES, LLC	4,686 m <sup>2</sup> ± [50,440 SF] ±	—	—	84 m <sup>2</sup> ± [904 SF] ±	DRIVE RECONSTRUCTION

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

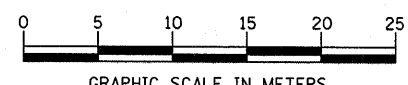
CURVE NO. 10  
 PI STA 22+435.275  
 Δ= 5°07'36"  
 T= 122.009 m  
 R= 2725.325 m  
 L= 243.855 m  
 E= 2.730 m  
 PC STA 22+313.266  
 PT STA 22+557.121

PERKINS SUBDIVISION  
 (DOC NO. 84-5626, PLAT CABINET 2, SLOT 348A)

LOT 1



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 22+425.000 TO STA 22+600.000  
 SCALE: 1:250 SHEET NO. 26 OF 36

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_



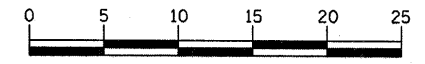
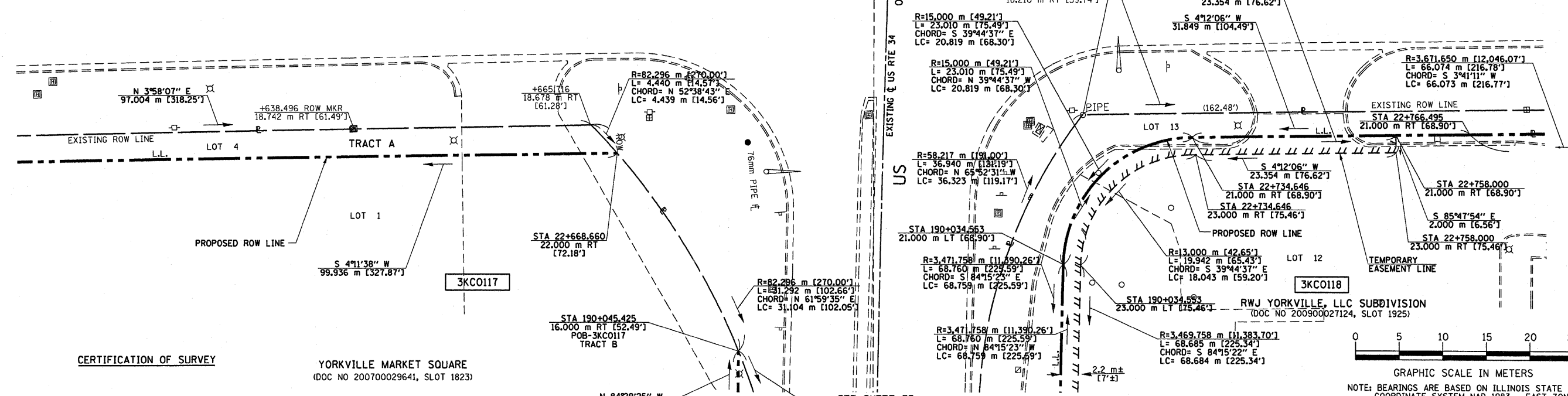
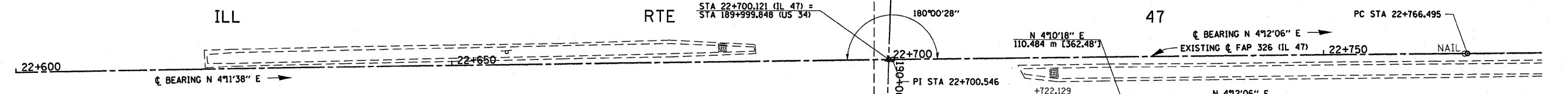
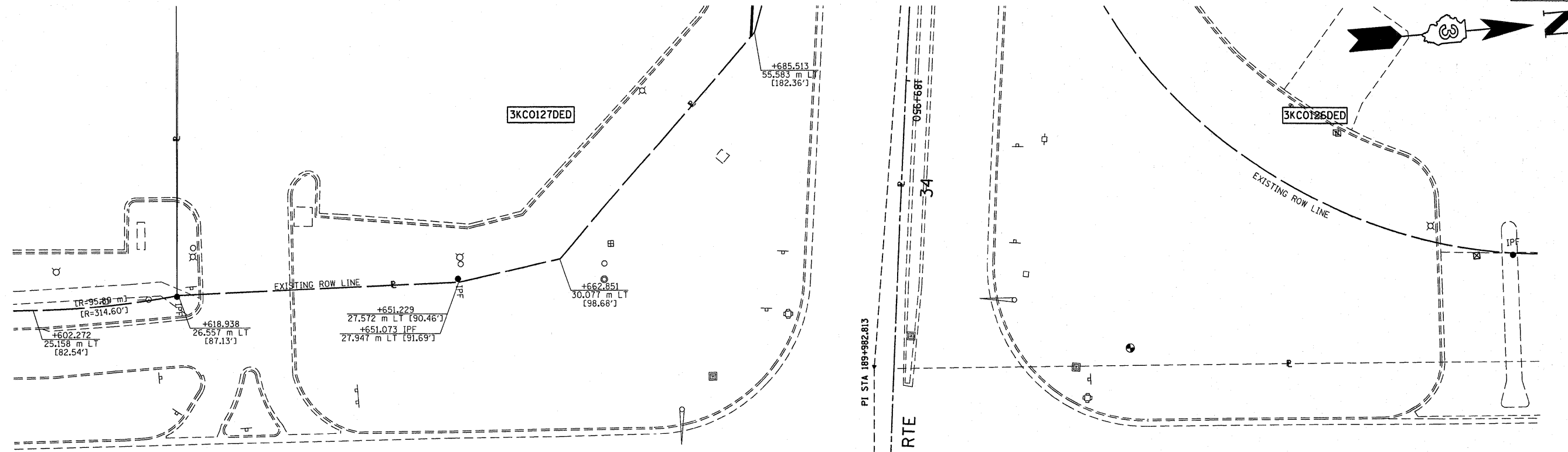
LICENSE EXPIRES 11/30/08

AREAS SHOWN IN SQUARE METERS [ SQUARE FEET ]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0114	ROBIN L. BROWNING, et al	3,027 m <sup>2</sup> ± [32,582 SF] ±	33 m <sup>2</sup> ± [355 SF] ±	2,994 m <sup>2</sup> ± [32,227 SF] ±		
3KC0115	TDC YORKVILLE SHOPPING CENTER I, LLC	8,094 m <sup>2</sup> ± [87,120 SF] ±	210 m <sup>2</sup> ± [2,260 SF] ±	7,884 m <sup>2</sup> ± [84,860 SF] ±		
3KC0116	BOWLMOORE, LLC	12,113 m <sup>2</sup> ± [130,383 SF] ±			64 m <sup>2</sup> ± [689 SF] ±	DRIVE RECONSTRUCTION
3KC0117	PROGRESS HOLDINGS, LLC	8,743 m <sup>2</sup> ± [93,033 SF] ±	TRACT A, 300 m <sup>2</sup> ± [3,231 SF] ± TRACT B, 283 m <sup>2</sup> ± [3,045 SF] ±	8,060 m <sup>2</sup> ± [86,757 SF] ±		

SEE SHEET 34

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (SCS, 13C, 108, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 28 T 37 N, R 7 E OF 3RD P.M.  
STA 22+600.000 TO STA 22+775.000  
SCALE: 1:250 SHEET NO. 27 OF 36

DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

STATE OF ILLINOIS  
COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_  
ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063



LICENSE EXPIRES 11/30/08

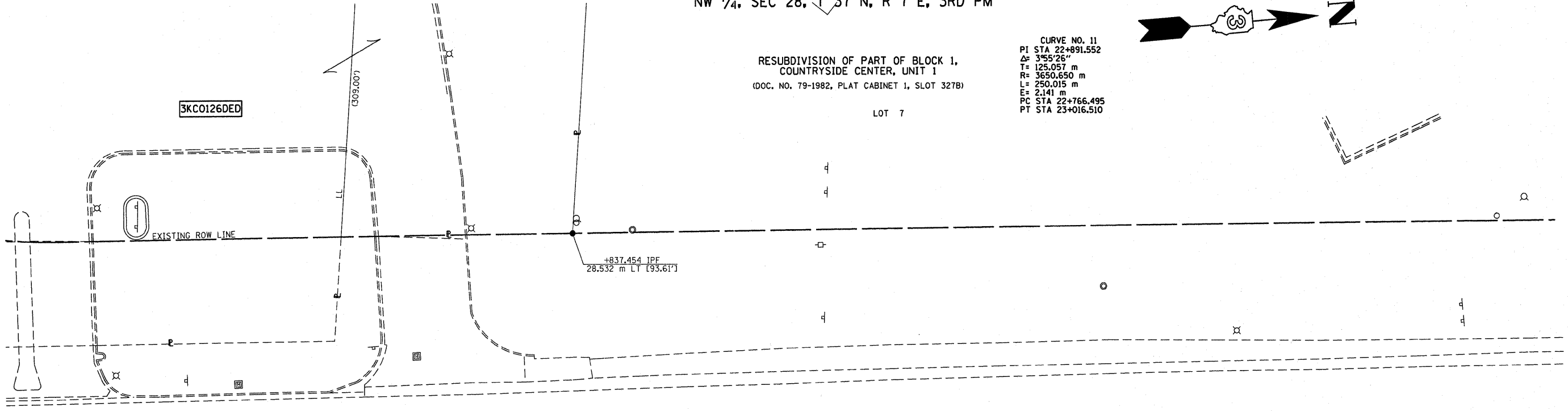
AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO118	RWJ YORKVILLE, LLC	7,060 m <sup>2</sup> ± [75,990 SF] ±	1015 m <sup>2</sup> ± [10,926 SF] ±	6,045 m <sup>2</sup> ± [65,064 SF] ±	227 m <sup>2</sup> ± [2,443 SF] ±	DRIVE RECONSTRUCTION AND GRADING

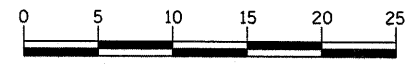
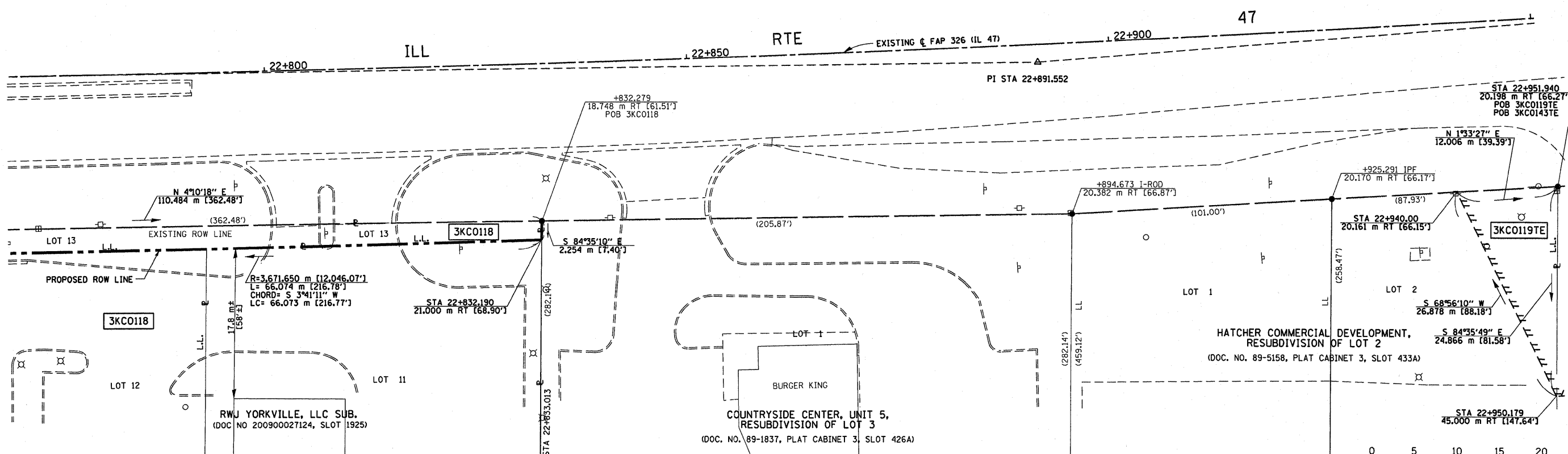
NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

RESUBDIVISION OF PART OF BLOCK 1, COUNTRYSIDE CENTER, UNIT 1 (DOC. NO. 79-1982, PLAT CABINET 1, SLOT 327B)

CURVE NO. 11  
 PI STA 22+891.552  
 Δ= 3°55'26"  
 T= 125.057 m  
 R= 3650.650 m  
 L= 250.015 m  
 E= 2.141 m  
 PC STA 22+766.495  
 PT STA 23+016.510



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 22+775.000 TO STA 22+950.000  
 SCALE: 1:250 SHEET NO. 28 OF 36

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS. R028



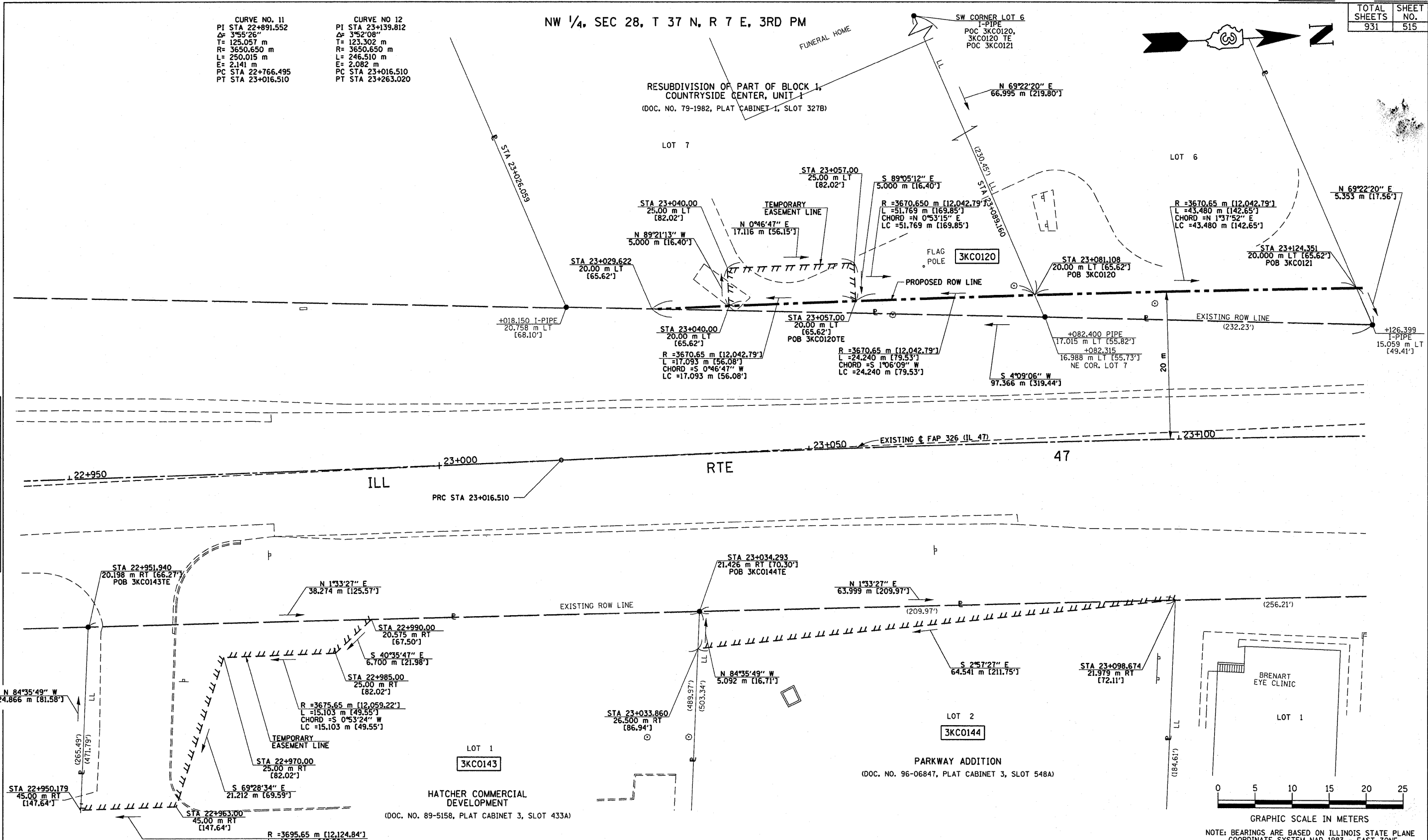
AREAS SHOWN IN SQUARE METERS (SQUARE FEET)

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0119	JAY CHEHAR, LLC	2,147 m <sup>2</sup> ± (23,113 SF) ±			149 m <sup>2</sup> ± (1,603 SF) ±	GRADING & ENTRANCE CONSTRUCTION

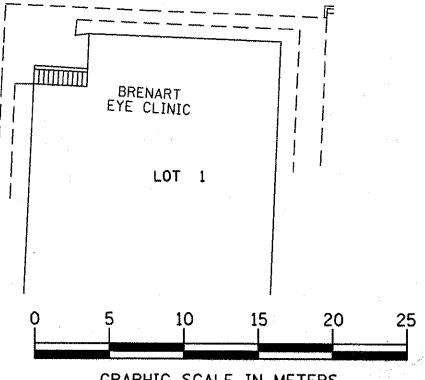
**CURVE NO. 11**  
 PI STA 22+891.552  
 Δ= 3°55'26"  
 T= 125.057 m  
 R= 3650.650 m  
 L= 250.015 m  
 E= 2.141 m  
 PC STA 22+766.495  
 PT STA 23+016.510

**CURVE NO. 12**  
 PI STA 23+139.812  
 Δ= 3°52'08"  
 T= 123.302 m  
 R= 3650.650 m  
 L= 246.510 m  
 E= 2.082 m  
 PC STA 23+016.510  
 PT STA 23+263.020

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	



ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

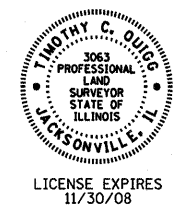
ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 22+950.000 TO STA 23+125.000  
 SCALE: 1:250 SHEET NO. 29 OF 36

**CERTIFICATION OF SURVEY**

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_

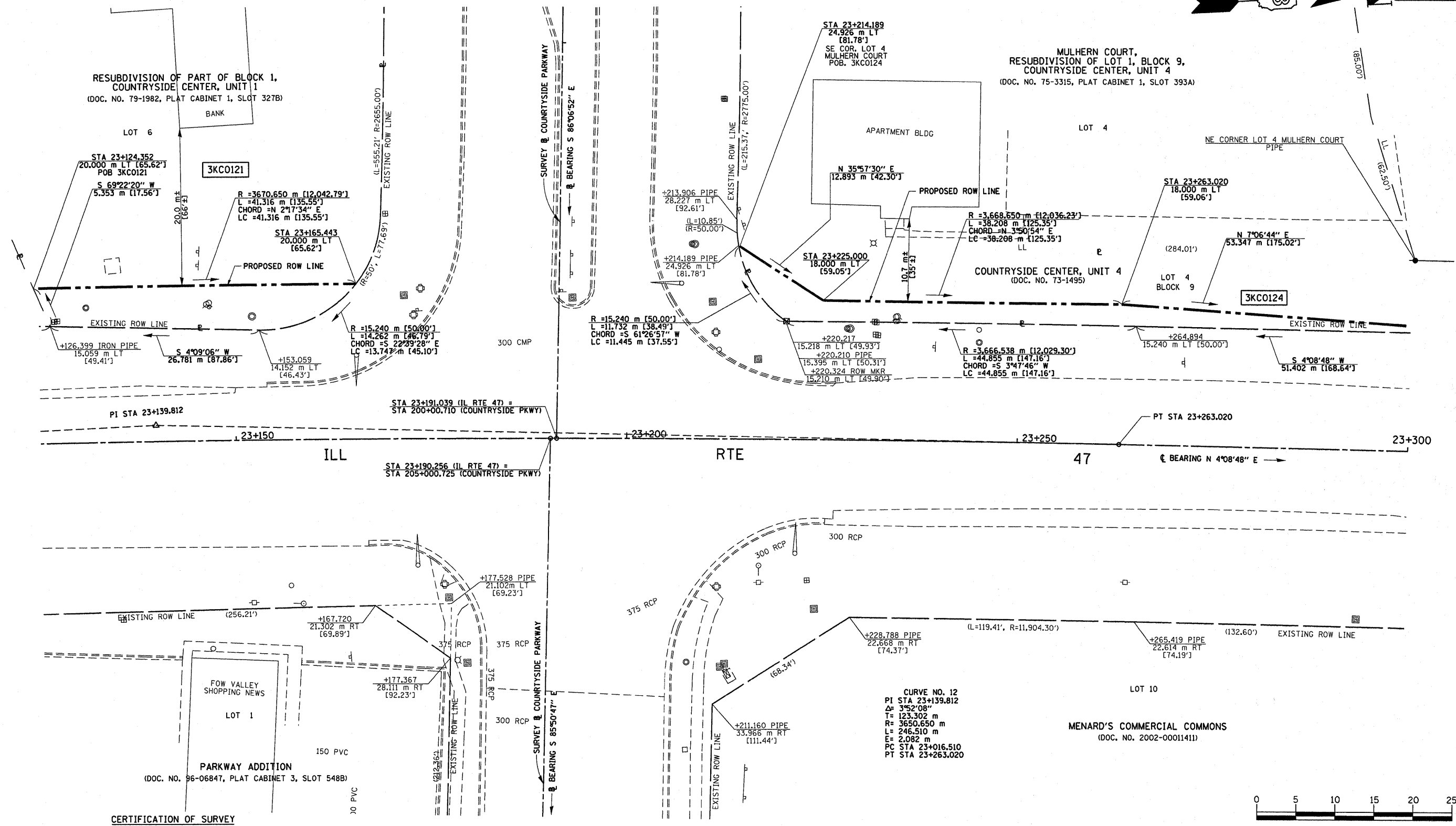


AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO120	NELSON MEMORIAL SERVICES, P.C.	6,526 m <sup>2</sup> ± [170,245 SF] ±	256 m <sup>2</sup> ± [6,756 SF] ±	6,270 m <sup>2</sup> ± [167,489 SF] ±	85 m <sup>2</sup> ± [915 SF] ±	DRIVEWAY RECONSTRUCTION, GRADING & SHAPING
3KCO143	ALDI, INC.	12,083 m <sup>2</sup> ± [130,060 SF] ±	—	—	483 m <sup>2</sup> ± [5,196 SF] ±	GRADING & ENTRANCE CONSTRUCTION
3KCO144	WALKER CUSTOM HOMES, INC.	18,384 m <sup>2</sup> ± [197,883 SF] ±	—	—	163 m <sup>2</sup> ± [1,755 SF] ±	GRADING

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

SW 1/4, SEC 21, T 37 N, R 7 E, 3RD PM



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

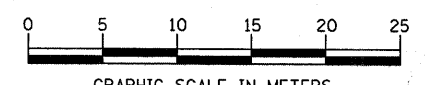
CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS. \_\_\_\_\_



GRAPHIC SCALE IN METERS  
 NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL

JOB# R-93-014-94 PROJECT#  
 SEC 21 & 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 23+125.000 TO STA 23+300.000  
 SCALE: 1:250 SHEET NO. 30 OF 36

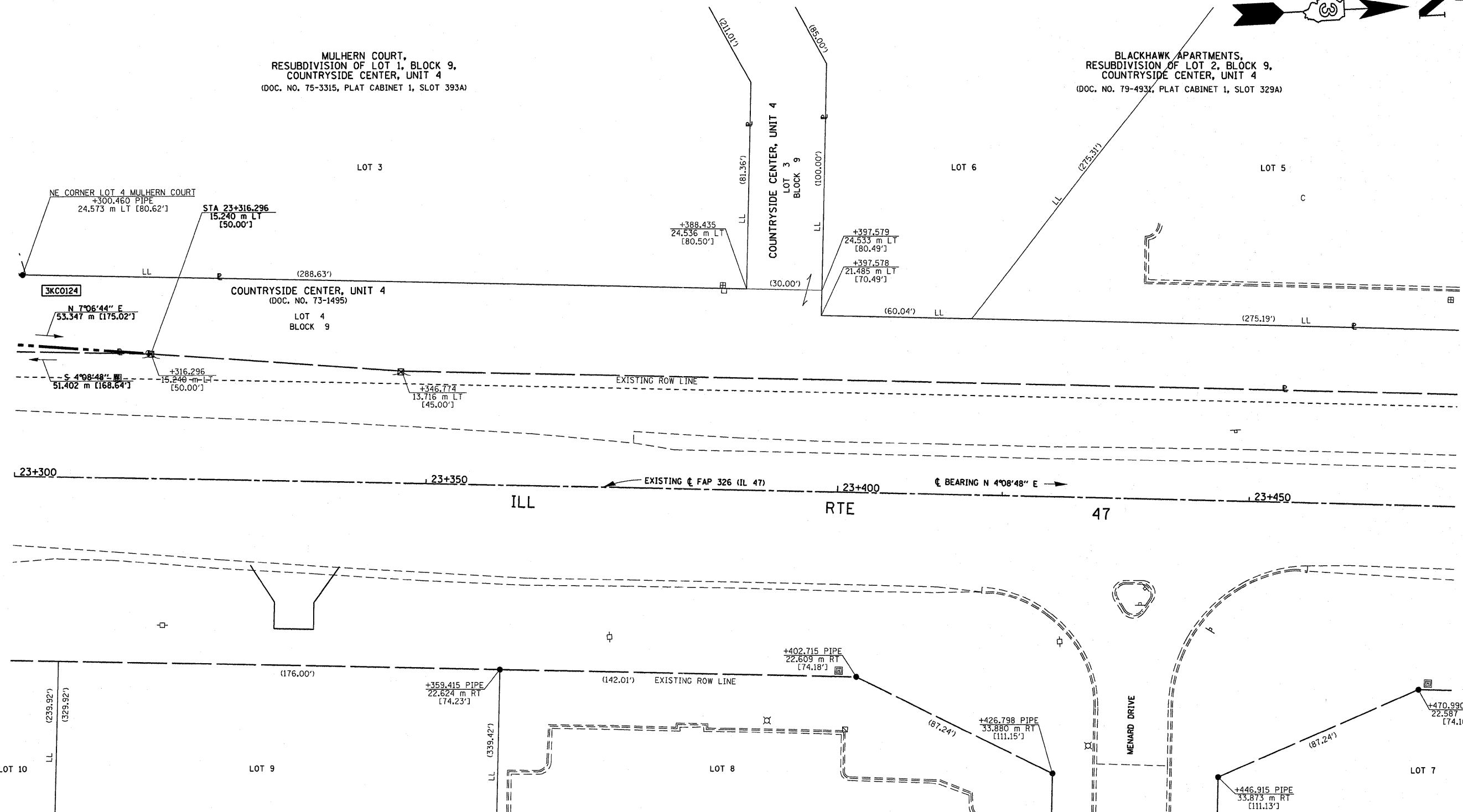
AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0121	OLD SECOND NATIONAL BANK OF AURORA	6,690 m <sup>2</sup> ± [72,010 SF]±	202 m <sup>2</sup> ± [2,174 SF]±	6,488 m <sup>2</sup> ± [69,836 SF]±	—	—
3KC0124	THE UNITED CITY OF YORKVILLE	6,400 m <sup>2</sup> ± [68,889 SF]±	226 m <sup>2</sup> ± [2,436 SF]±	6,174 m <sup>2</sup> ± [66,453 SF]±	—	—



TOTAL SHEETS	SHEET NO.
931	517

SW 1/4, SEC 21, T 37 N, R 7 E, 3RD PM



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

**CERTIFICATION OF SURVEY**

STATE OF ILLINOIS  
COUNTY OF KENDALL

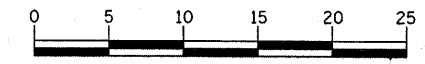
I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
SURVEY BOOK NOS. \_\_\_\_\_



LICENSE EXPIRES 11/30/08

MENARD'S COMMERCIAL COMMONS  
(DOC. NO. 2002-00011411)



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

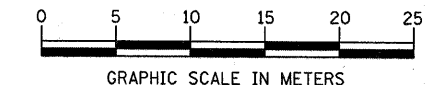
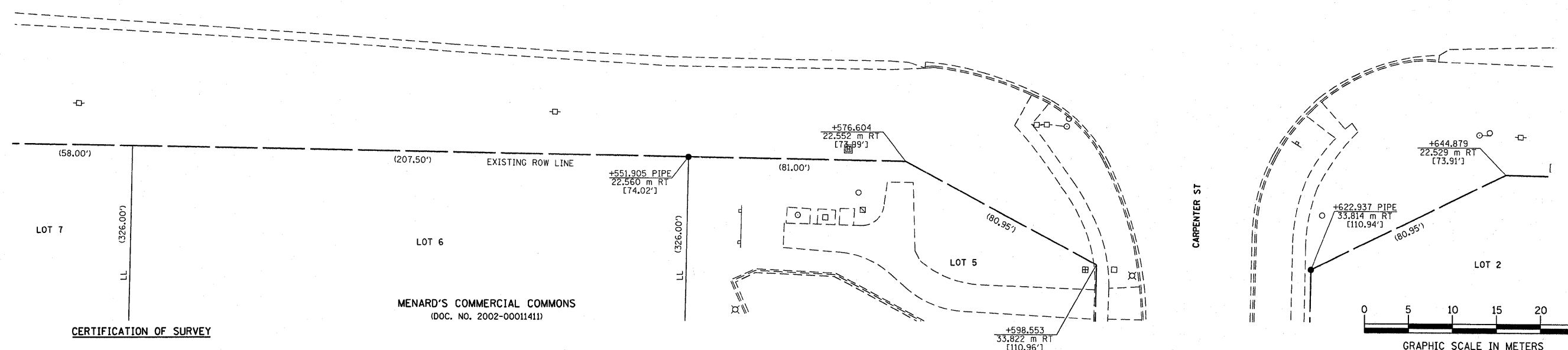
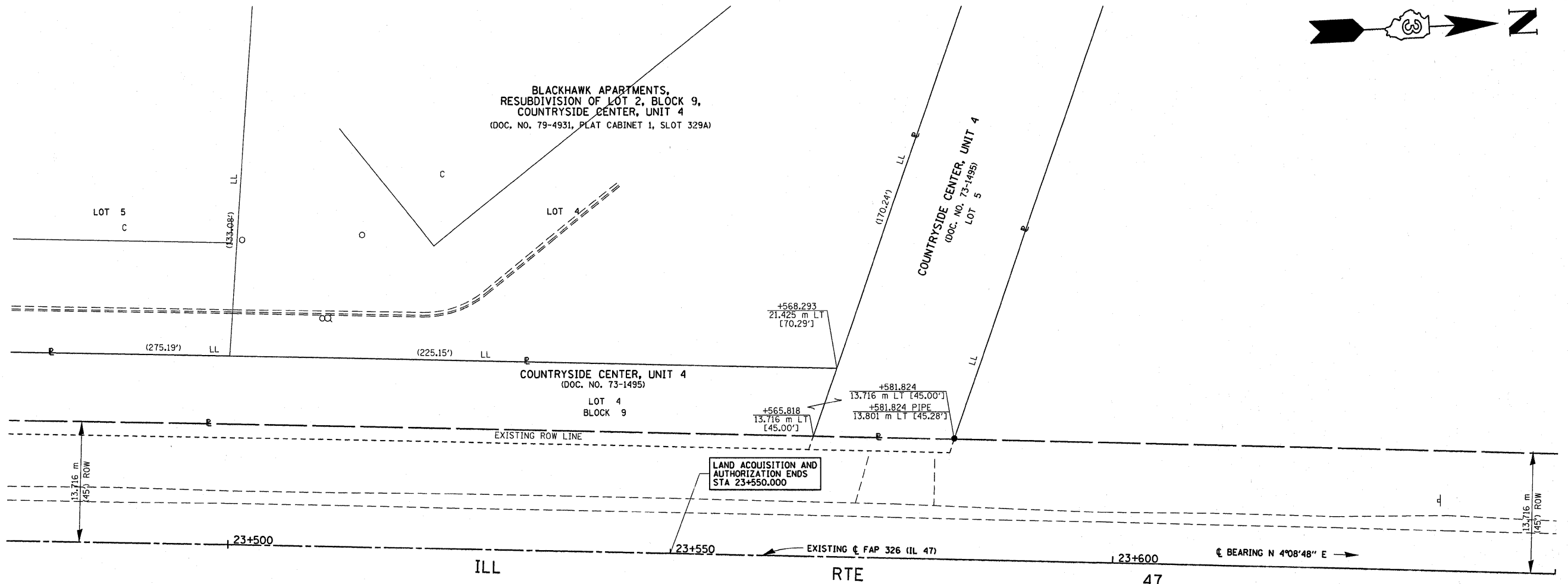
**ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT**

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 21 T 37 N, R 7 E OF 3RD P.M.  
STA 23+300.000 TO STA 23+475.000  
SCALE: 1:250 SHEET NO. 31 OF 36

SW 1/4, SEC 21, T 37 N, R 7 E, 3RD PM



BLACKHAWK APARTMENTS,  
RESUBDIVISION OF LOT 2, BLOCK 9,  
COUNTRYSIDE CENTER, UNIT 4  
(DOC. NO. 79-4931, PLAT CABINET 1, SLOT 329A)



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109R)  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 21 T 37 N, R 7 E OF 3RD P.M.  
STA 23+475.000 TO STA 23+650.000  
SCALE: 1:250 SHEET NO. 32 OF 36

BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

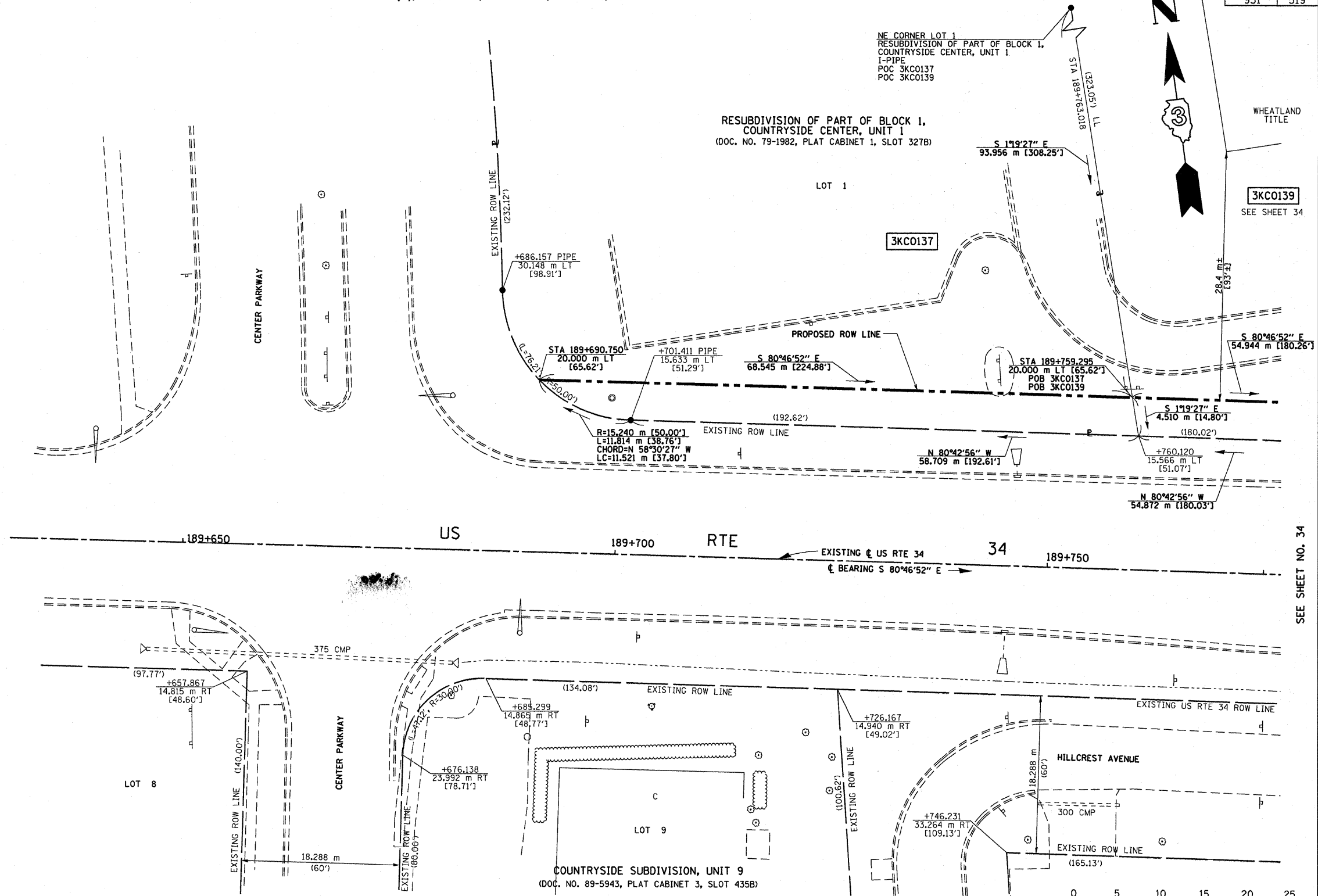


DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063

SURVEY BOOK NOS.

TOTAL SHEETS	SHEET NO.
931	519

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



DATE	BY	R.O.W. PLAT NO.	NOTEBOOK NO.

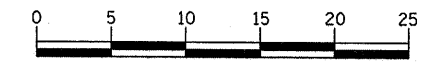
CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
 COUNTY OF KENDALL  
 I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.



DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. \_\_\_\_\_

LICENSE EXPIRES 11/30/08



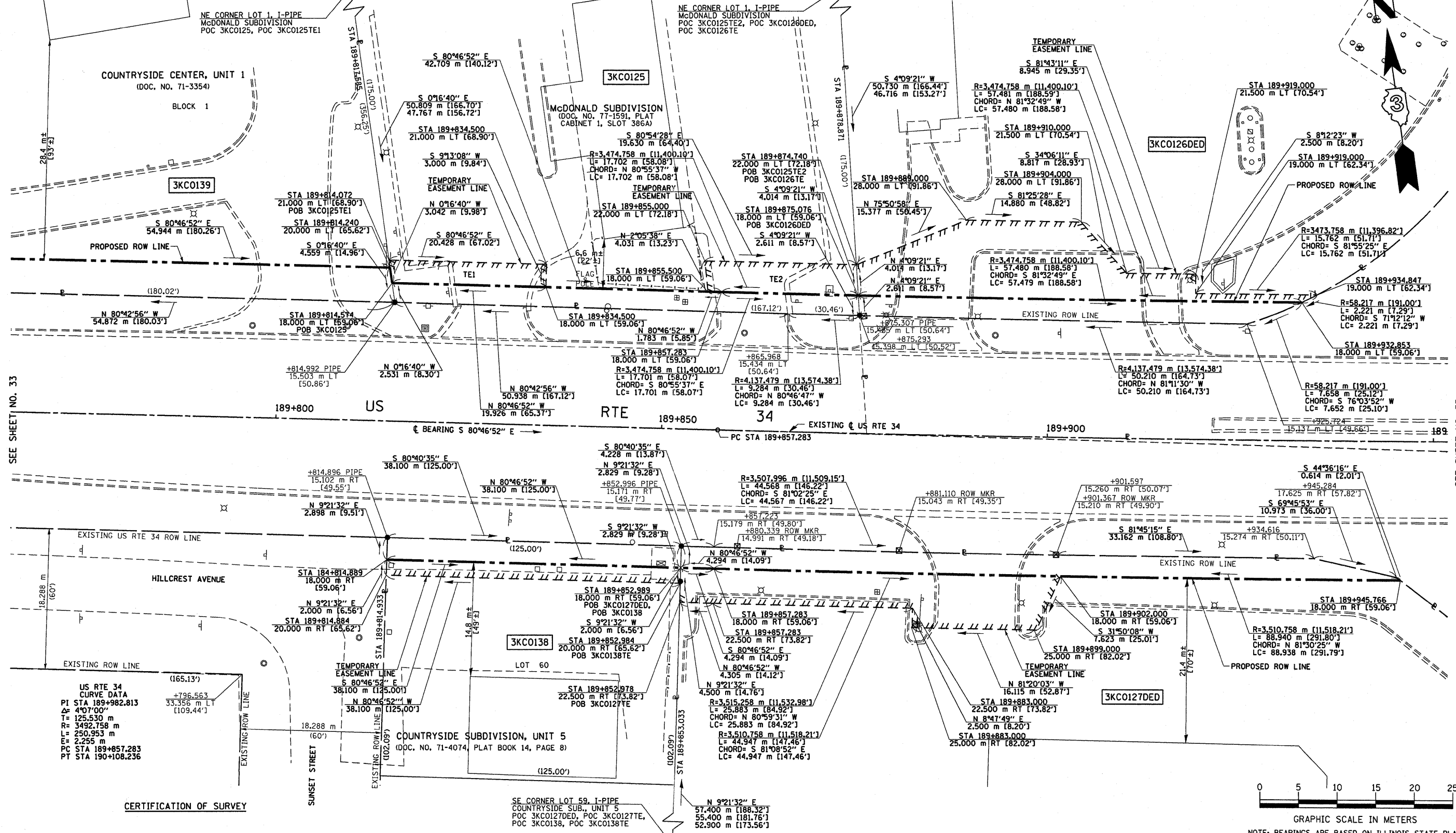
NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 108, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 189+625.000 TO STA 189+775.000  
 SCALE: 1:250 SHEET NO. 33 OF 36

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0137	CASTLE BANK, YORKVILLE	6,210 m <sup>2</sup> ± [66,841 SF] ±	289 m <sup>2</sup> ± [3,111 SF] ±	5,921 m <sup>2</sup> ± [63,730 SF] ±	—	—

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



BY	DATE
R.O.W. PLAT	NO.
NOTEBOOK	NO.

SEE SHEET NO. 33

SEE SHEET NO. 35

**US RTE 34 CURVE DATA**  
 PI STA 189+982.813  
 Δ = 4°07'00"  
 T = 125.530 m  
 R = 3492.758 m  
 L = 250.953 m  
 E = 2.255 m  
 PC STA 189+857.283  
 PT STA 190+108.236

**CERTIFICATION OF SURVEY**

STATE OF ILLINOIS  
 COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL. 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.



DATE: \_\_\_\_\_  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
 SURVEY BOOK NOS. R034

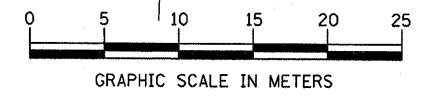
LICENSE EXPIRES 11/30/08

**AREAS SHOWN IN SQUARE METERS [SQUARE FEET]**

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0125	MCDONALD'S CORPORATION	3,293 m <sup>2</sup> ± [35,445 SF] ±	153 m <sup>2</sup> ± [1,647 SF] ±	3,140 m <sup>2</sup> ± [33,798 SF] ±	TE#1, 61 m <sup>2</sup> ± [657 SF] ± TE#2, 78 m <sup>2</sup> ± [840 SF] ±	TE#1 & TE#2-DRIVE RECONSTRUCTION & GRADING
3KC0126DED	CHARTER NATIONAL BANK AND TRUST COMPANY, AS SUCCESSOR TRUSTEE, TRUST NO. 333	13,384 m <sup>2</sup> ± [144,064 SF] ±	148 m <sup>2</sup> ± [1,593 SF] ±	—	334 m <sup>2</sup> ± [3,595 SF] ±	DRIVE RECONSTRUCTION & GRADING
3KC0127DED	CHICAGO TITLE LAND TRUST COMPANY, TRUST NO. 5876	12,089 m <sup>2</sup> ± [130,124 SF] ±	244 m <sup>2</sup> ± [2,628 SF] ±	—	259 m <sup>2</sup> ± [2,788 SF] ±	DRIVE RECONSTRUCTION & GRADING
3KC0138	EDA M. COLEMAN, TRUSTEE	1,186 m <sup>2</sup> ± [12,766 SF] ±	109 m <sup>2</sup> ± [1,173 SF] ±	1,077 m <sup>2</sup> ± [11,593 SF] ±	76 m <sup>2</sup> ± [818 SF] ±	GRADING
3KC0139	CASTLE BANK, N.A., TRUSTEE	5,690 m <sup>2</sup> ± [61,249 SF] ±	245 m <sup>2</sup> ± [2,637 SF] ±	5,445 m <sup>2</sup> ± [58,612 SF] ±	—	—

**ILLINOIS DEPT. OF TRANSPORTATION  
 RIGHT OF WAY PLAT**

ROUTE FAP 326 (IL 47)  
 SECTION (5CS, 13C, 10B, 109)R  
 COUNTY : KENDALL  
 JOB# R-93-014-94 PROJECT#  
 SEC 28 T 37 N, R 7 E OF 3RD P.M.  
 STA 189+775.000 TO STA 189+950.000  
 SCALE: 1:250 SHEET NO. 34 OF 36



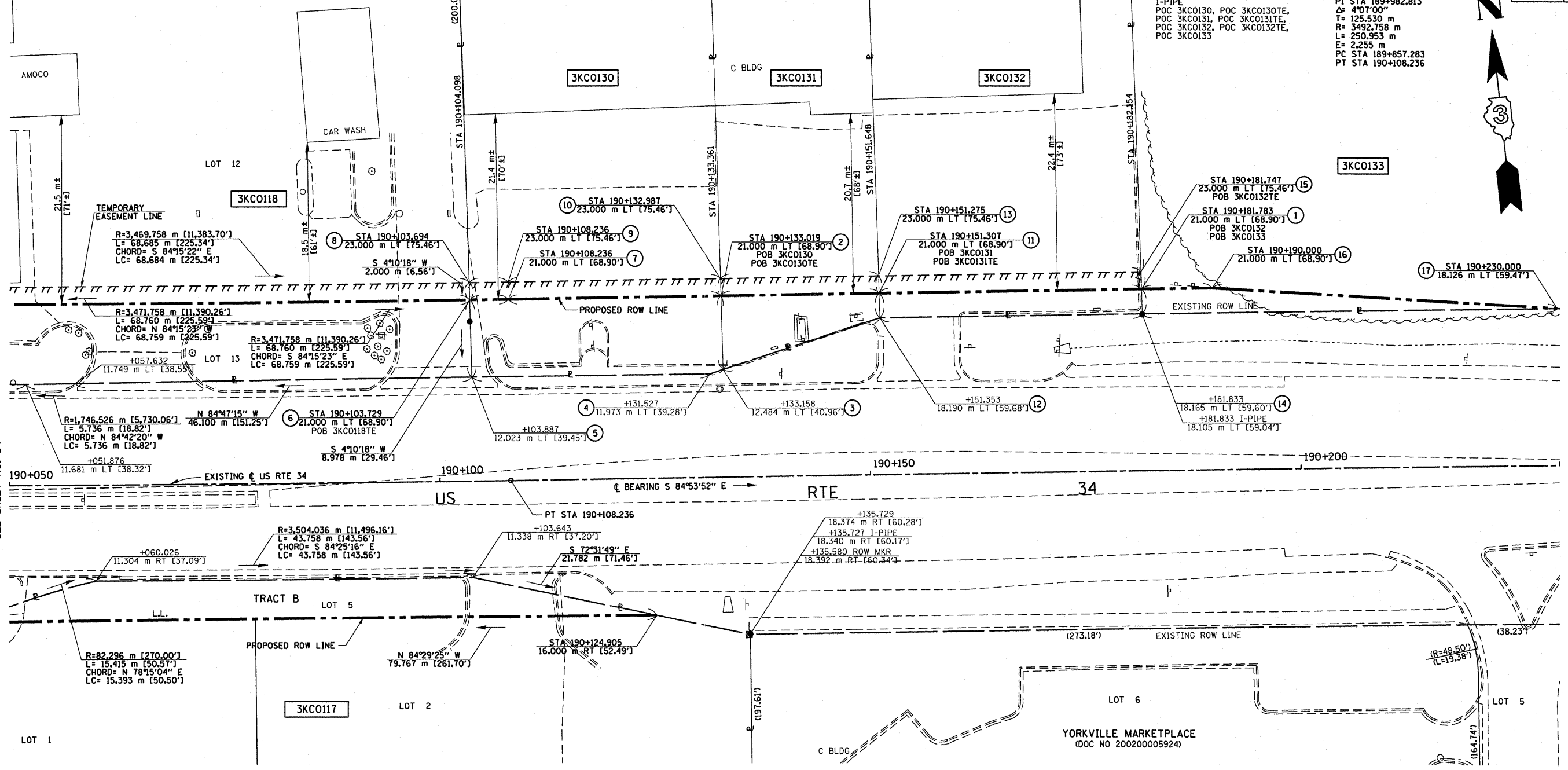
NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

TOTAL SHEETS	SHEET NO.
931	521

RWJ YORKVILLE, LLC SUB.  
(DOC NO 200900027124, SLOT 1925)

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM

CURVE US 34  
PI STA 189+982.813  
Δ= 4°07'00"  
T= 125.530 m  
R= 3492.758 m  
L= 250.953 m  
E= 2.255 m  
PC STA 189+857.283  
PT STA 190+108.236



DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

SEE SHEET NO. 34

SEE SHEET NO. 36

COURSE	BEARING	DISTANCE
POC-1	S 4°05'21" W	55.054 m 180.62'
1-2(POB)	N 84°53'52" W	48.764 m 159.99'
2(POB)-3	S 4°10'18" W	8.517 m 27.94'
3-4	S 77°41'31" W	1.709 m 5.61'
4-5	N 84°47'15" W	27.625 m 90.63'
5-6	N 4°10'18" E	8.978 m 29.46'
6-7	R=3,471.758m [11,390.26'] L=4,479m [14.69'] LC=4,479m [14.69'] CHORD BRG S 84°51'39" E	
7-2(POB)	S 84°53'52" E	24.784 m 81.31'

COURSE	BEARING	DISTANCE
POC-1	S 4°05'21" W	55.054 m 180.62'
1-2(POB)	N 84°53'52" W	48.764 m 159.99'
2(POB)-7	N 84°53'52" W	24.784 m 81.31'
7-6	R=3,471.758m [11,390.26'] L=4,479m [14.69'] LC=4,479m [14.69'] CHORD BRG N 84°51'39" W	
6-8	N 4°10'18" E	2,000 m 6.56'
8-9	R=3,469.758m [11,383.70'] L=4,512m [14.80'] LC=4,512m [14.80'] CHORD BRG S 84°51'38" E	
9-10	S 84°53'52" E	24.752 m 81.21'
10-2(POB)	S 4°10'18" W	2,000 m 6.56'

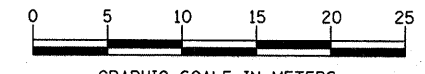
COURSE	BEARING	DISTANCE
POC-1	S 4°05'21" W	55.054 m 180.62'
1-11(POB)	N 84°53'52" W	30.476 m 99.99'
11(POB)-12	S 4°10'18" W	2,811 m 9.22'
12-3	S 77°41'31" W	19.069 m 62.56'
3-2	N 4°10'18" E	8.517 m 27.94'
2-11(POB)	S 84°53'52" E	18.288 m 60.00'

COURSE	BEARING	DISTANCE
POC-1	S 4°05'21" W	55.054 m 180.62'
1-11(POB)	N 84°53'52" W	30.476 m 99.99'
11(POB)-2	N 84°53'52" W	18.288 m 60.00'
2-10	N 4°10'18" E	2,000 m 6.56'
10-13	S 84°53'52" E	18.288 m 60.00'
13-11(POB)	S 4°10'18" W	2,000 m 6.56'

COURSE	BEARING	DISTANCE
POC-1(POB)	S 4°05'21" W	55.054 m 180.62'
1(POB)-14	S 4°05'21" W	2,835 m 9.30'
14-12	N 84°51'05" W	30.480 m 100.00'
12-11	N 4°10'18" E	2,811 m 9.22'
11-1(POB)	S 84°53'52" E	30.476 m 99.99'

COURSE	BEARING	DISTANCE
POC-15(POB)	S 4°05'21" W	53.054 m 174.06'
15(POB)-1	S 4°05'21" W	2,000 m 6.56'
1-11	N 84°53'52" W	30.476 m 99.99'
11-13	N 4°10'18" E	2,000 m 6.56'
13-15(POB)	S 84°53'52" E	30.473 m 99.98'

COURSE	BEARING	DISTANCE
POC-1(POB)	S 4°05'21" W	55.054 m 180.62'
1(POB)-16	S 84°53'52" E	8.217 m 26.96'
16-17	S 80°47'18" E	40.103 m 131.57'
17-14	N 84°51'05" W	48.167 m 158.03'
14-1(POB)	N 4°05'21" E	2,835 m 9.30'



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 28 T 37 N, R 7 E OF 3RD P.M.  
STA 190+050.000 TO STA 190+230.000  
SCALE: 1:250 SHEET NO. 35 OF 36

CERTIFICATION OF SURVEY

STATE OF ILLINOIS  
COUNTY OF KENDALL

I, TIMOTHY C. QUIGG, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 326 (IL 47) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.



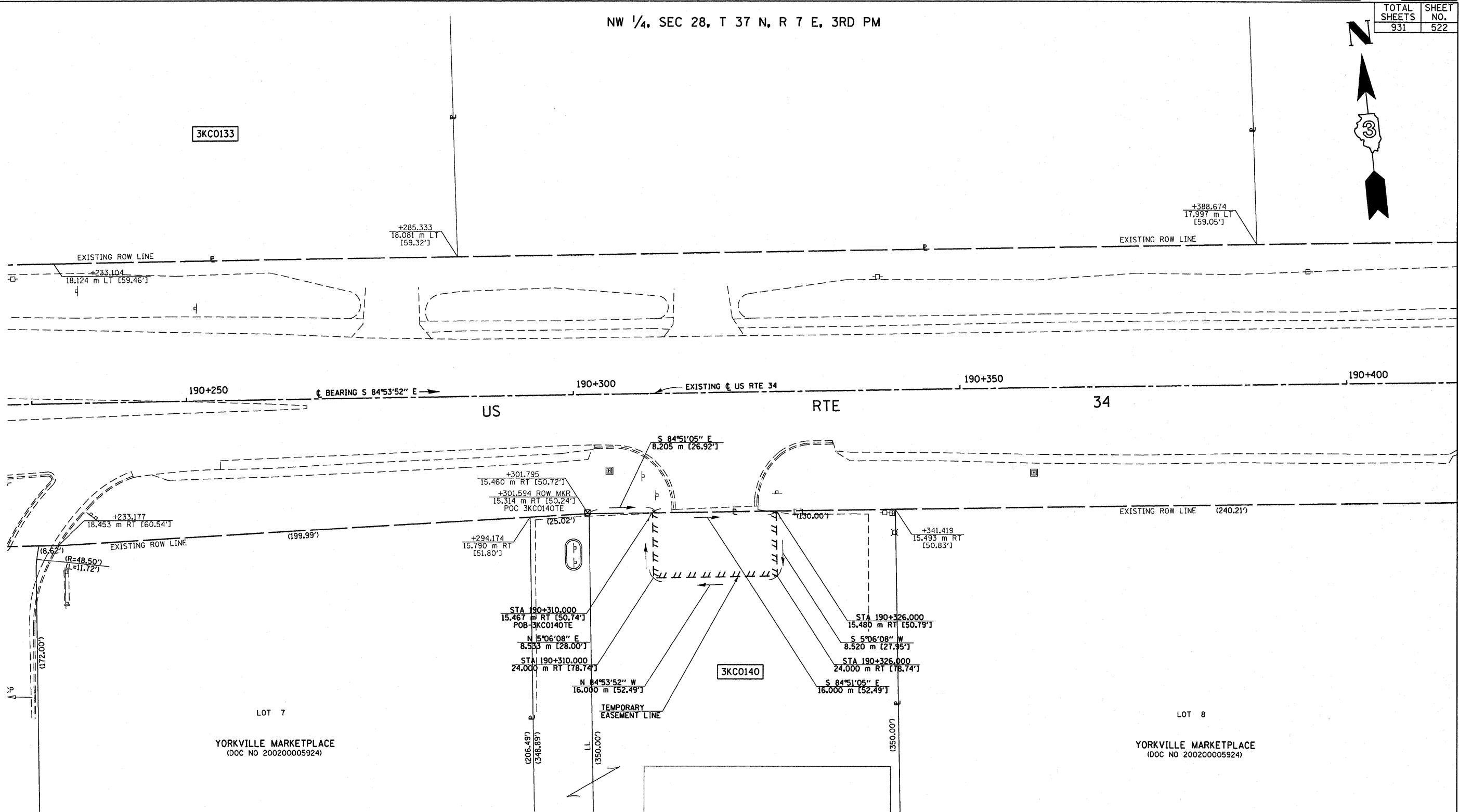
DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
SURVEY BOOK NOS. \_\_\_\_\_

AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KCO130	TOD M. DUY, et al	1,873 m² ± [20,161 SF]±	263 m² ± [2,831 SF]±	1,610 m² ± [17,330 SF]±	59 m² ± [635 SF]±	DRIVE RECONSTRUCTION, CURB CONSTRUCTION & GRADING
3KCO131	L.K. HERRON, LLC	1,110 m² ± [11,948 SF]±	104 m² ± [1,119 SF]±	1,006 m² ± [10,829 SF]±	37 m² ± [398 SF]±	DRIVE RECONSTRUCTION, CURB CONSTRUCTION & GRADING
3KCO132	ITASCA BANK & TRUST CO. TRUSTEE	1,765 m² ± [18,998 SF]±	86 m² ± [926 SF]±	1,679 m² ± [18,072 SF]±	61 m² ± [657 SF]±	DRIVE RECONSTRUCTION, CURB CONSTRUCTION & GRADING
3KCO133	CHICAGO TITLE LAND TRUST COMPANY	18,385 m² ± [197,894 SF]±	80 m² ± [861 SF]±	18,305 m² ± [197,033 SF]±	—	—

TOTAL SHEETS	SHEET NO.
931	522

NW 1/4, SEC 28, T 37 N, R 7 E, 3RD PM



DATE	
BY	
R.O.W. PLAT NO.	
NOTEBOOK NO.	

SEE SHEET NO. 35

**CERTIFICATION OF SURVEY**

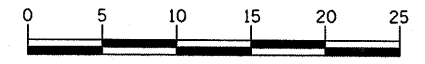
STATE OF ILLINOIS  
COUNTY OF KENDALL

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DATE: \_\_\_\_\_ ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3063  
SURVEY BOOK NOS. R036

LICENSE EXPIRES 11/30/08



NOTE: BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 1983 - EAST ZONE

**ILLINOIS DEPT. OF TRANSPORTATION  
RIGHT OF WAY PLAT**

ROUTE FAP 326 (IL 47)  
SECTION (5CS, 13C, 108, 109)R  
COUNTY : KENDALL  
JOB# R-93-014-94 PROJECT#  
SEC 28 T 37 N, R 7 E OF 3RD P.M.  
STA 190+230.000 TO STA 190+400.000  
SCALE: 1:250 SHEET NO. 36 OF 36

AREAS SHOWN IN SQUARE METERS [SQUARE FEET]

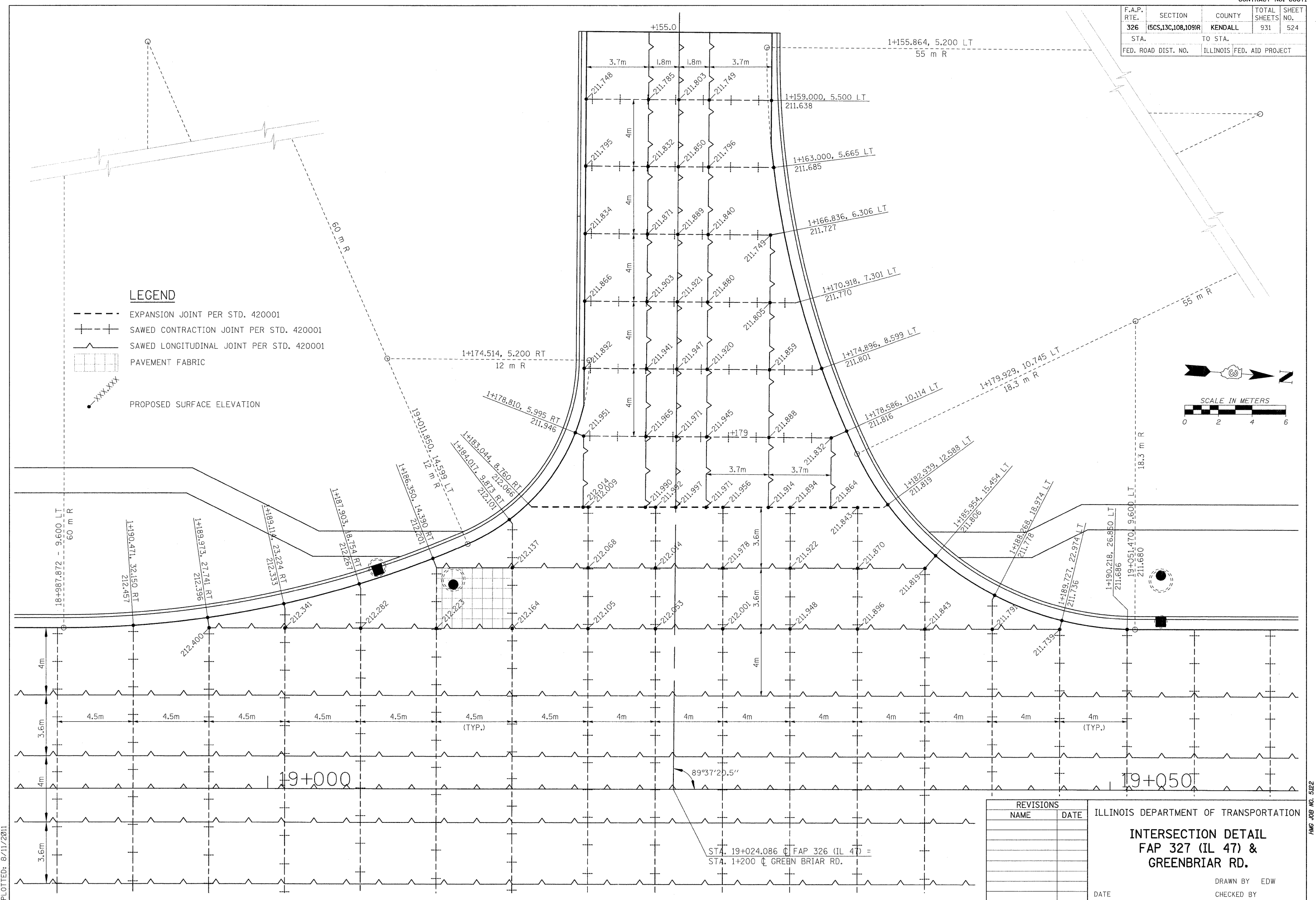
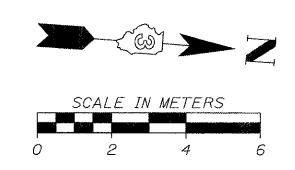
PARCEL NO.	OWNER	TOTAL HOLDING	TOTAL ROW REQUIRED	REMAINDER	TEMPORARY EASEMENT AREA	EASEMENT PURPOSE
3KC0140	TRI-R CORPORATION	5,039 m <sup>2</sup> ± [54,239 SF] ±	—	—	136 m <sup>2</sup> ± [1,464 SF] ±	DRIVE RECONSTRUCTION

\* 5m 2x5 NOT USED \*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,10B,109R)	KENDALL	931	524
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

- - - EXPANSION JOINT PER STD. 420001
- + + + SAWED CONTRACTION JOINT PER STD. 420001
- ~ ~ ~ SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**GREENBRIAR RD.**

DRAWN BY EDW  
 CHECKED BY  
 DATE

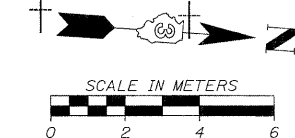
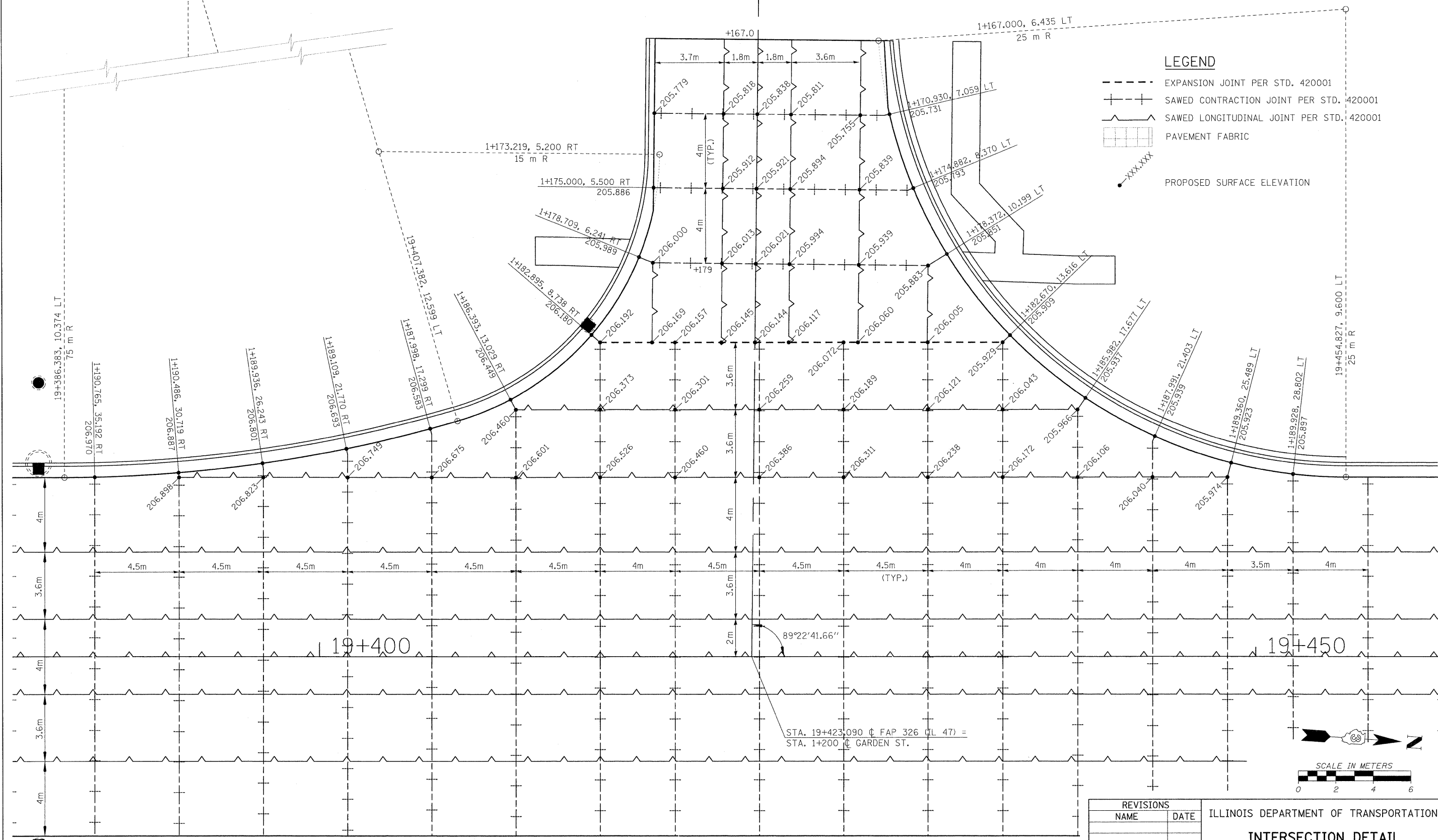
FILE: 5241D\_GB-r-d.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	525
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



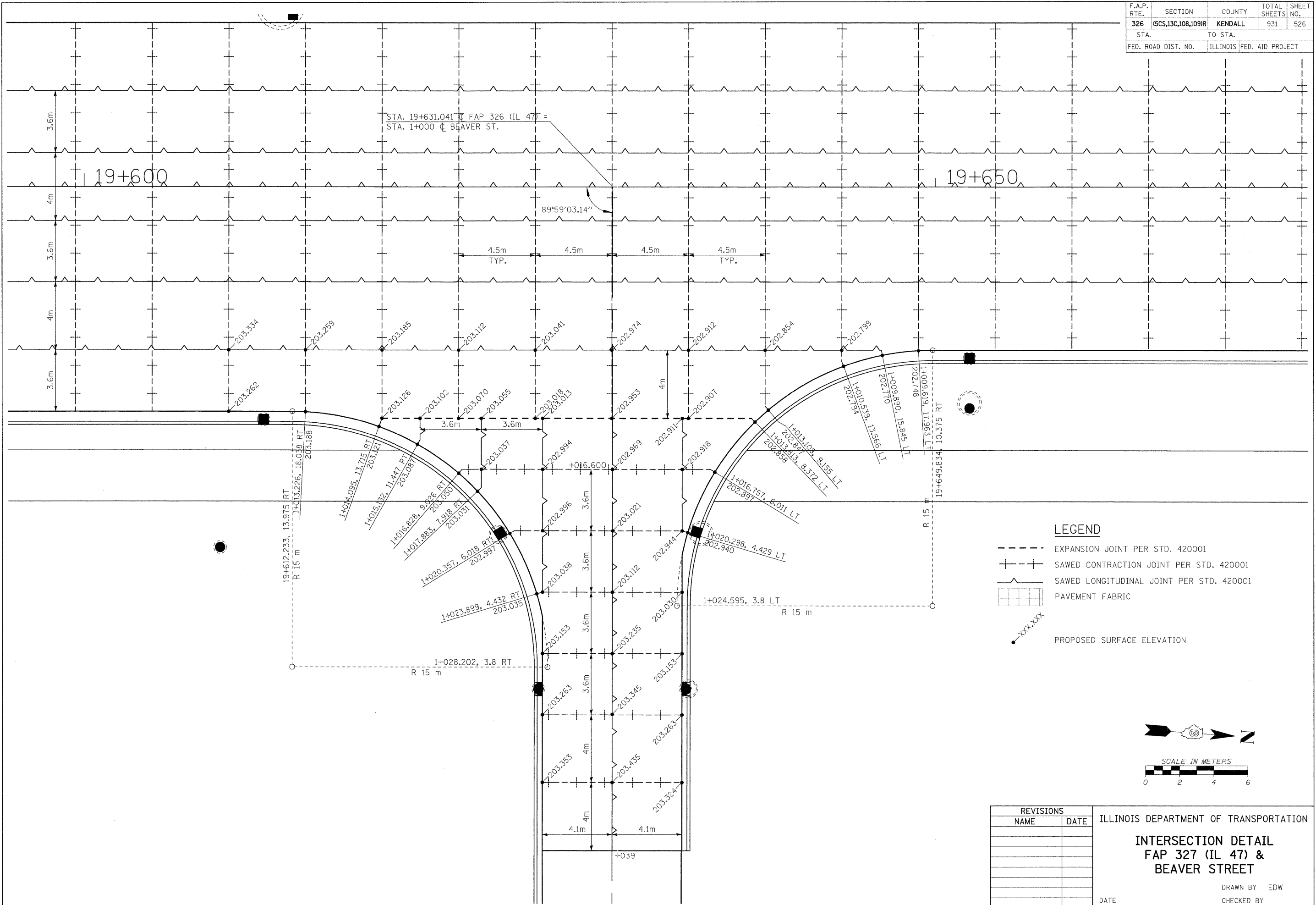
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>INTERSECTION DETAIL</b> <b>FAP 327 (IL 47) &amp;</b> <b>GARDEN STREET</b>  DRAWN BY EDW CHECKED BY  DATE

FILE: 5251D\_GenSt.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

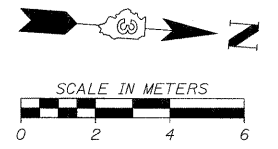


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109R)	KENDALL	931	526
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- PAVEMENT FABRIC
- PROPOSED SURFACE ELEVATION



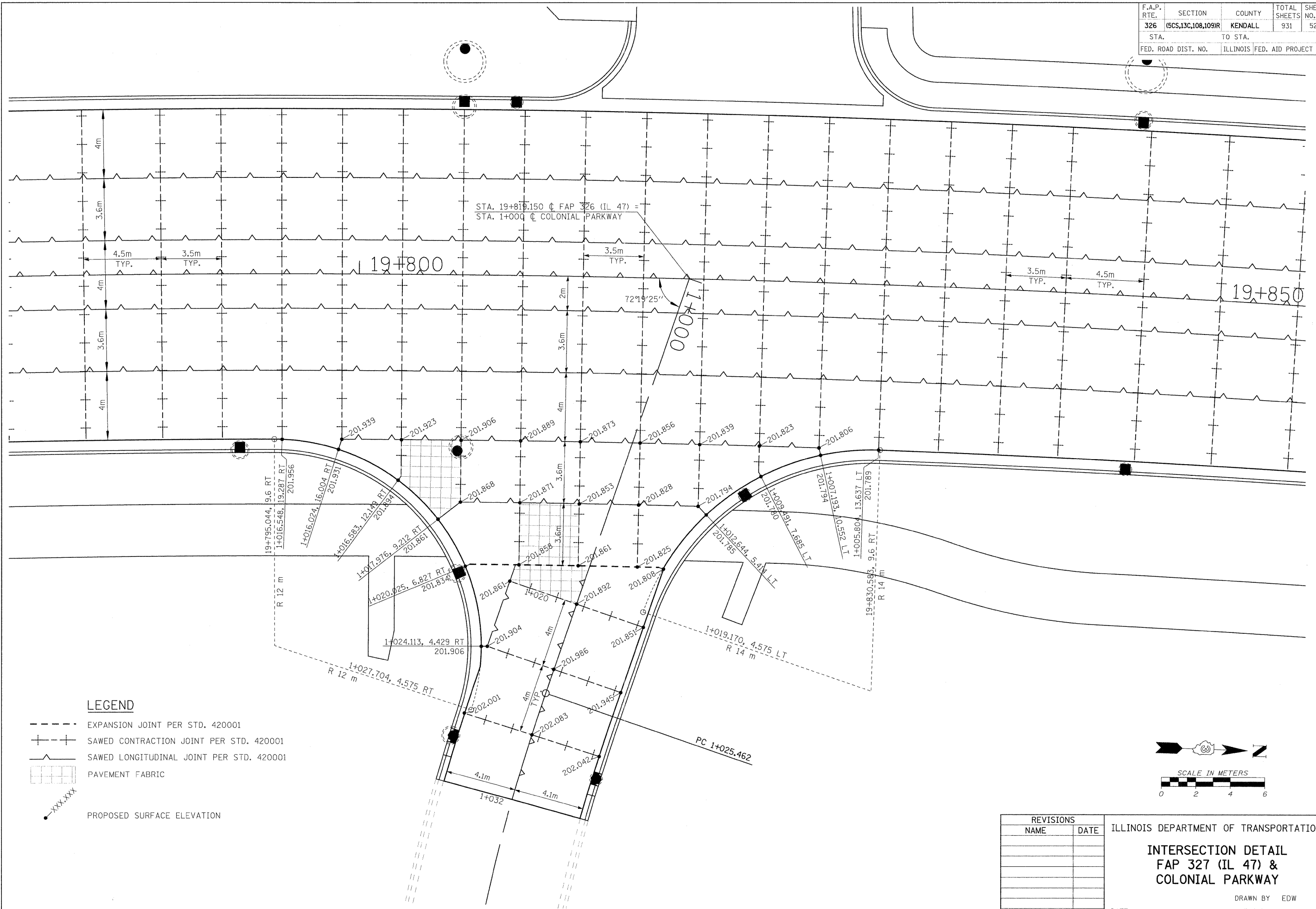
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**BEAVER STREET**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 52610\_Bvr-St.dgn  
 PLOTTED: 8/11/2011

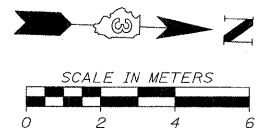
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	527
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +---+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>INTERSECTION DETAIL</b>  <b>FAP 327 (IL 47) &amp;</b>  <b>COLONIAL PARKWAY</b></p> <p align="right">DRAWN BY EDW                  CHECKED BY</p>

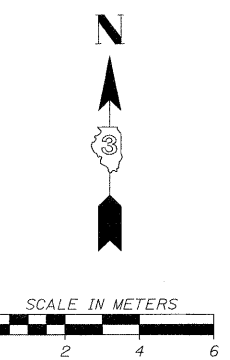
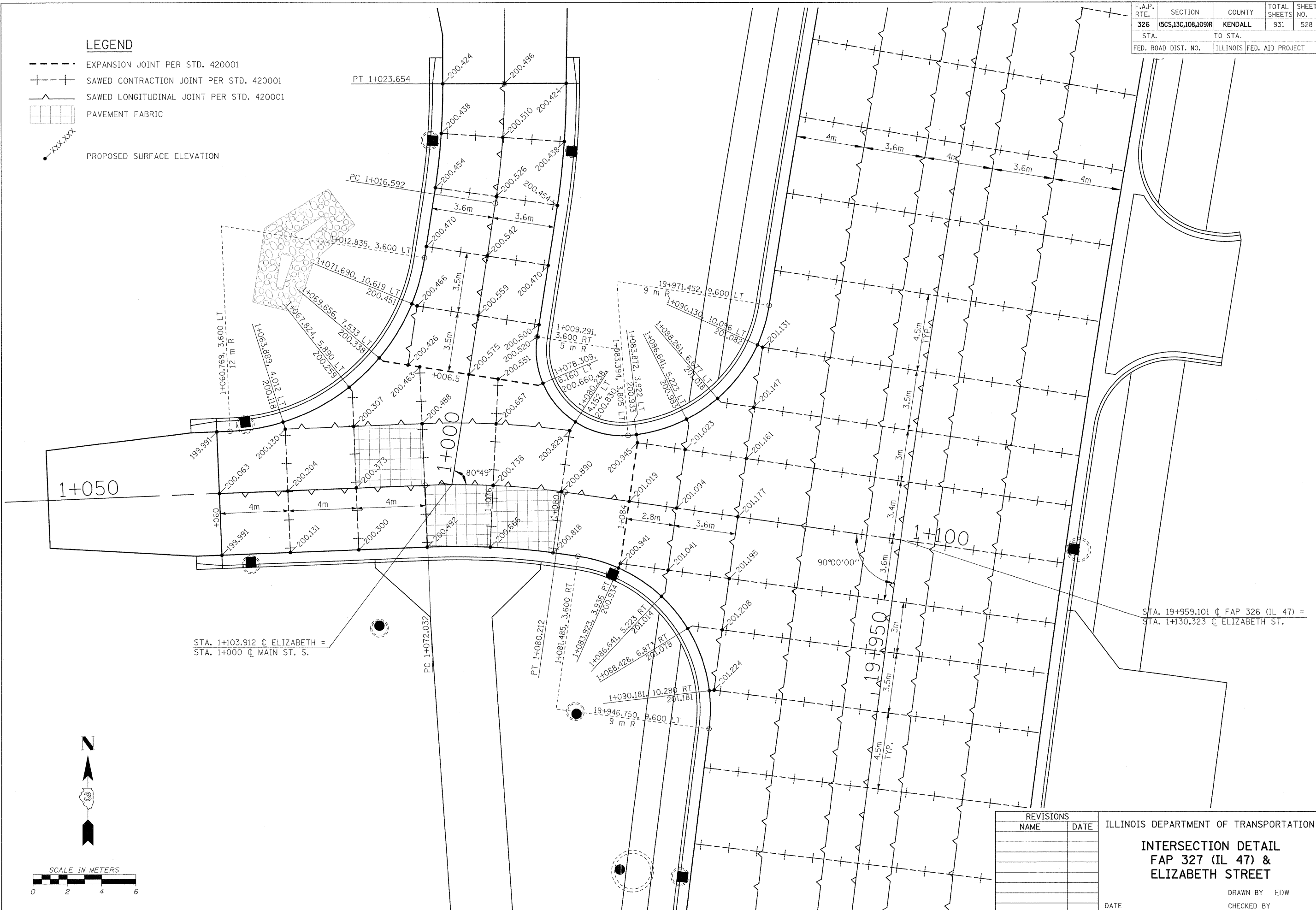
FILE: 527ID\_ColnPk.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	528
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- ▭ PAVEMENT FABRIC
- XXX-XXX PROPOSED SURFACE ELEVATION



FILE: E28ID\_ElzbSt.dgn  
PLOTTED: 8/11/2011

REVISIONS	
NAME	DATE

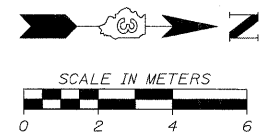
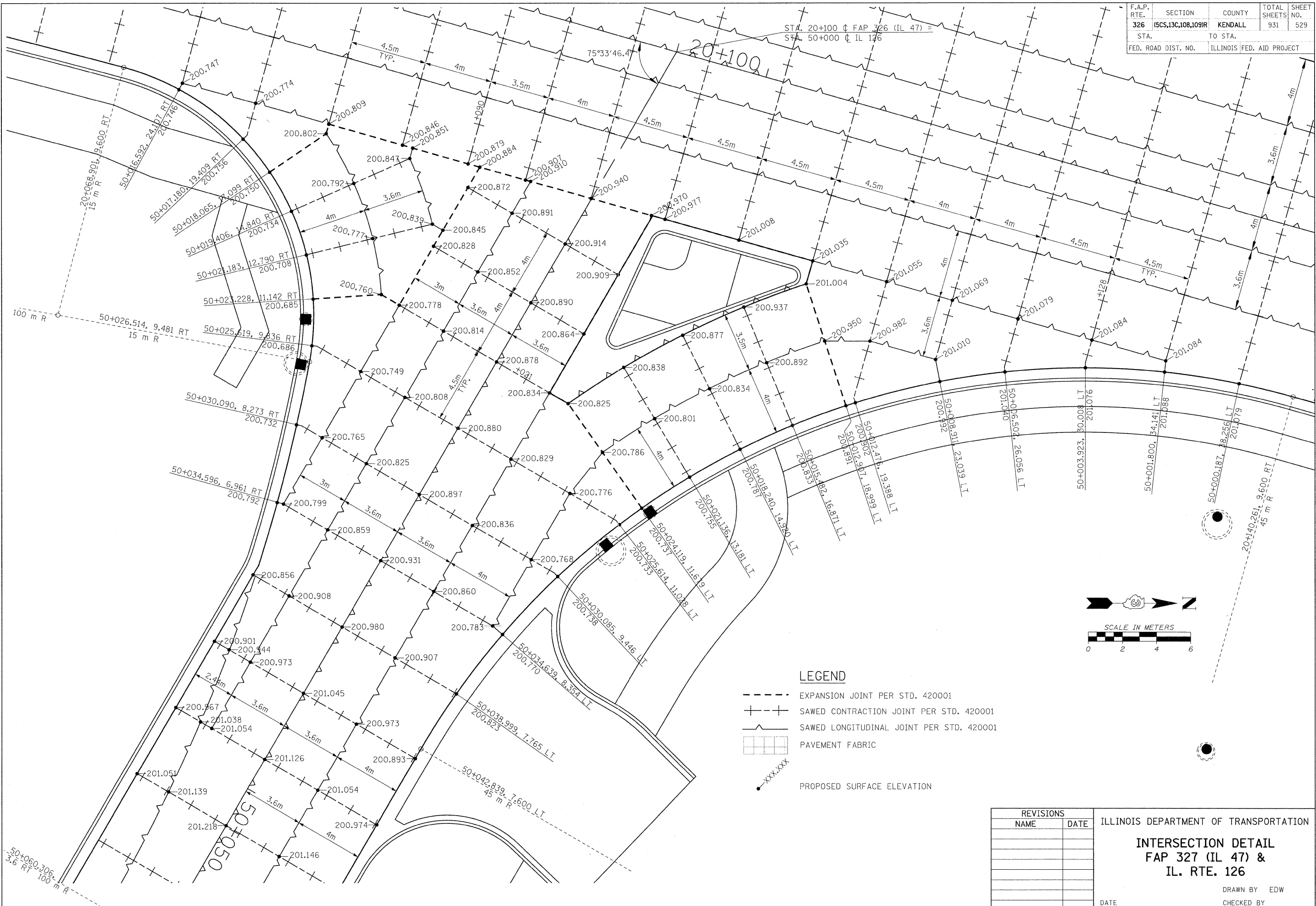
ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
FAP 327 (IL 47) &  
ELIZABETH STREET

DATE \_\_\_\_\_ DRAWN BY EDW  
CHECKED BY \_\_\_\_\_

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	529
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- + + + SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- ▭ PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**IL. RTE. 126**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 5291D\_IL126.dgn  
 PLOTTED: 8/11/2011

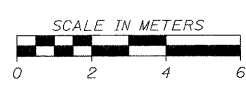
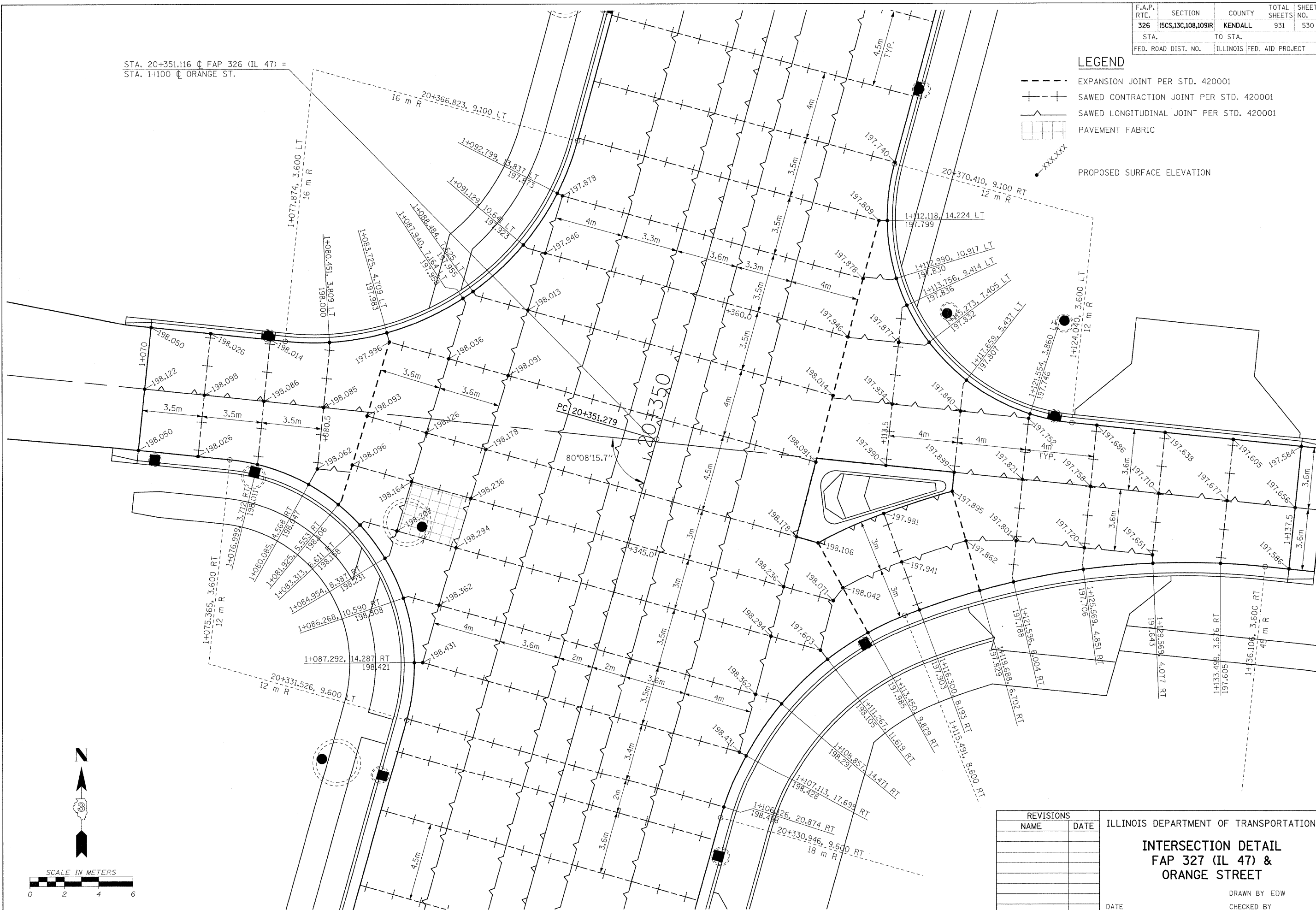
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	530
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

STA. 20+351.116 @ FAP 326 (IL 47) =  
STA. 1+100 @ ORANGE ST.

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--- SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



FILE: E301D\_OrangeSt.dgn  
PLOTTED: 8/17/2011

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**ORANGE STREET**

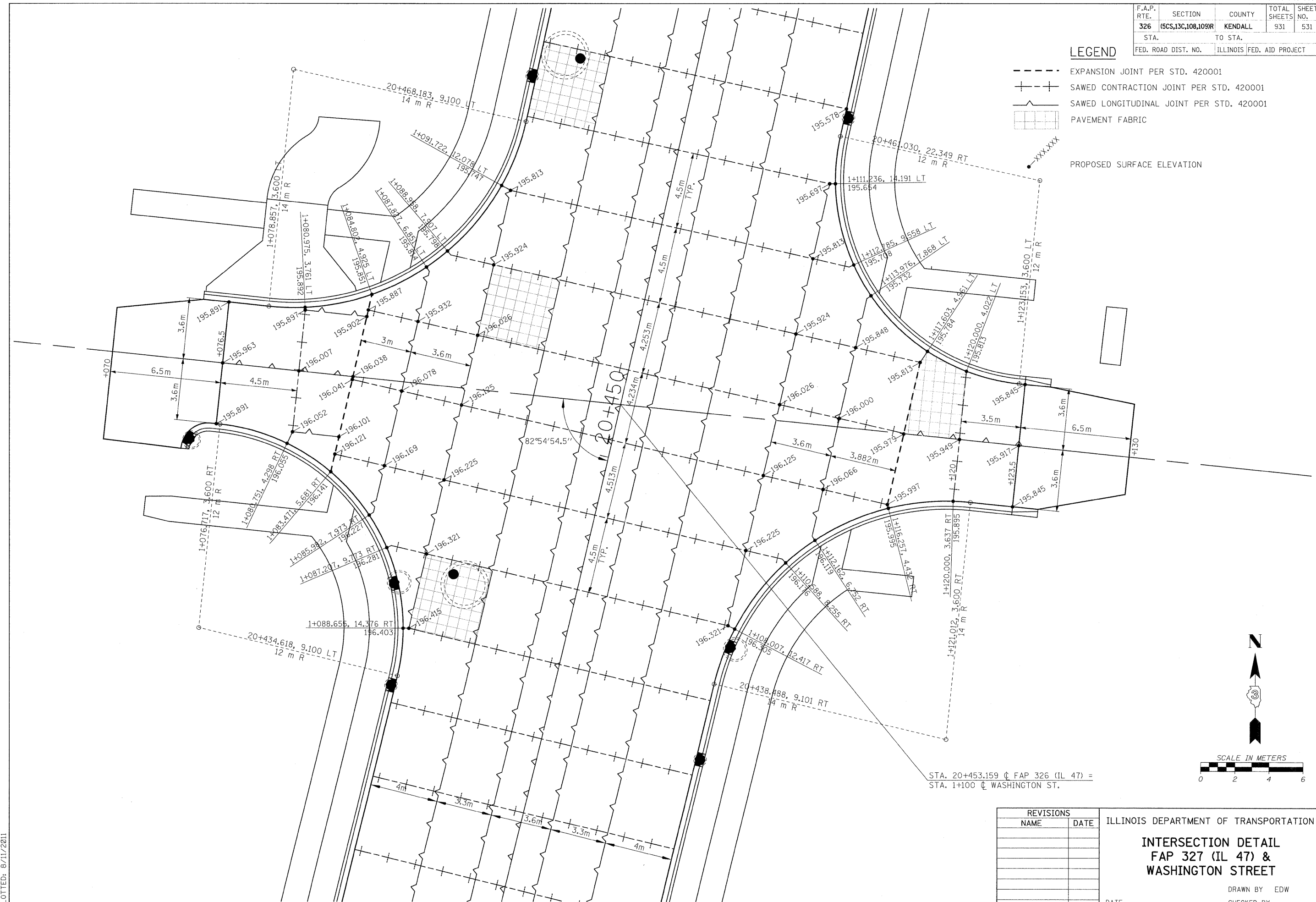
DATE \_\_\_\_\_ DRAWN BY EDW  
CHECKED BY \_\_\_\_\_

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	531
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- + + + SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

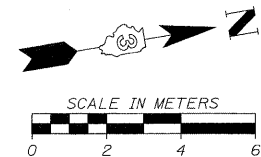
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**WASHINGTON STREET**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 531ID\_WehtrnSt.dgn  
 PLOTTED: 8/11/2011

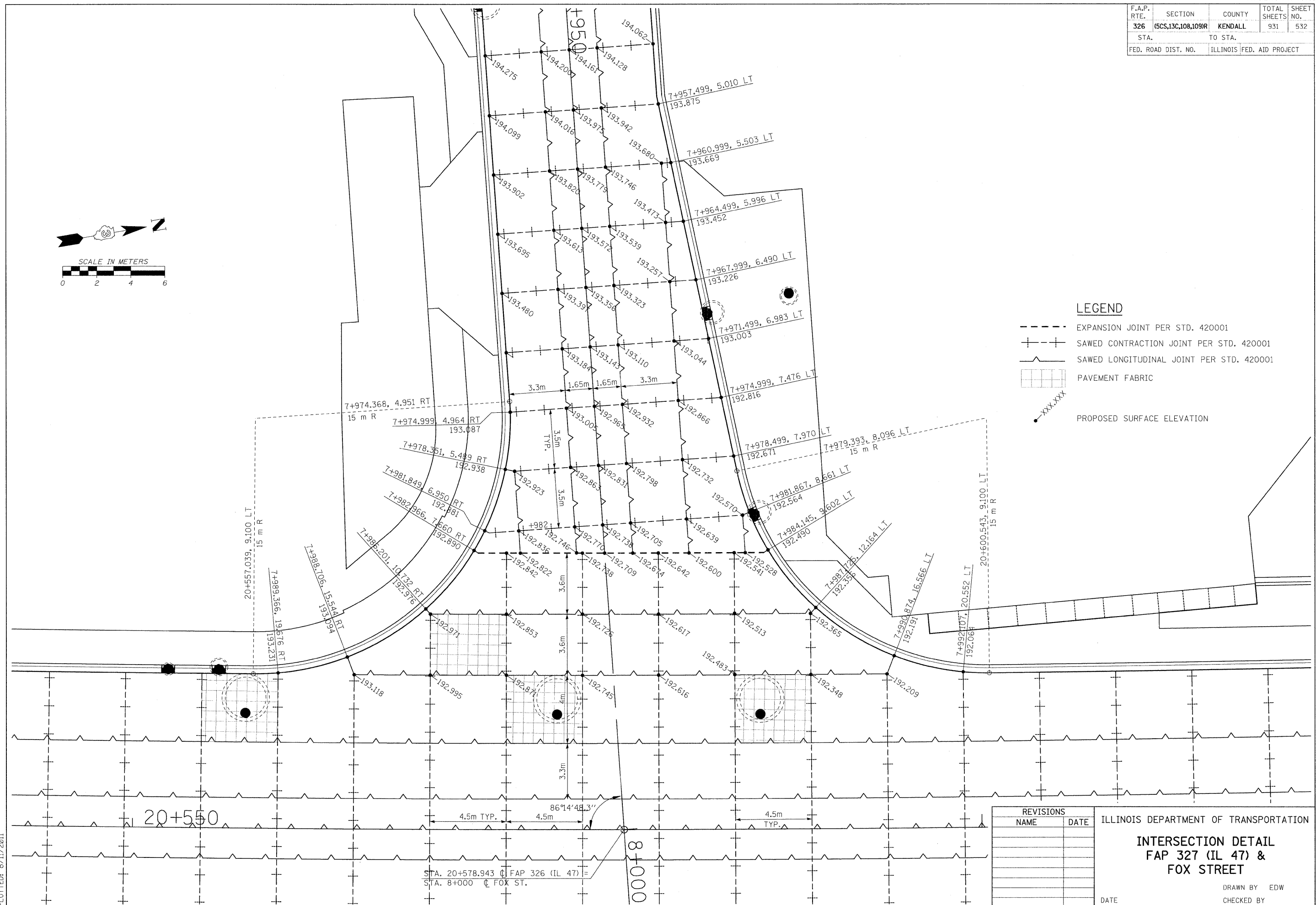
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	532
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX-XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

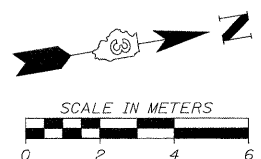
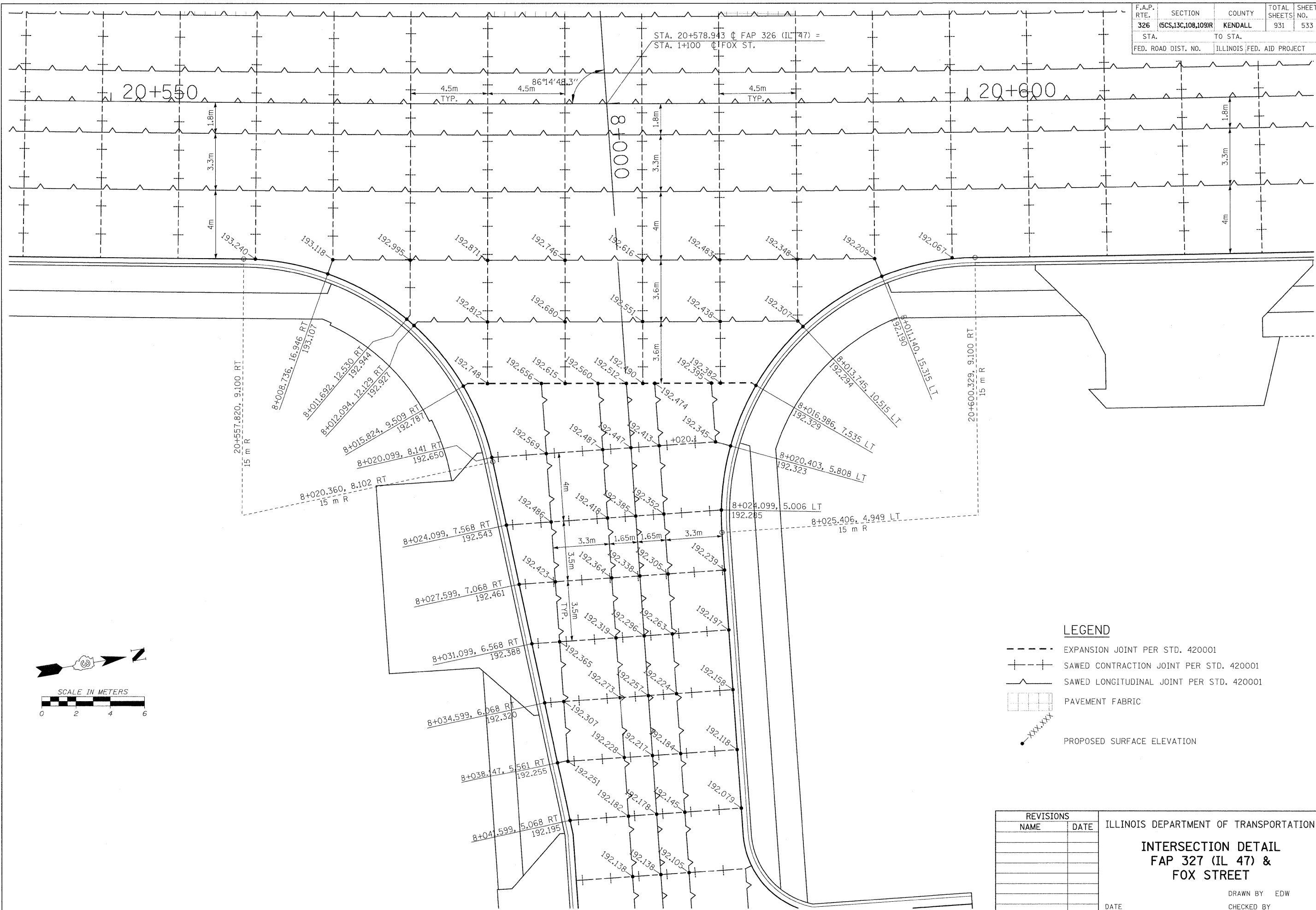
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**FOX STREET**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 532ID\_FoxSt+WB.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	533
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>INTERSECTION DETAIL</b> <b>FAP 327 (IL 47) &amp;</b> <b>FOX STREET</b>  DRAWN BY EDW CHECKED BY  DATE

FILE: E331D\_FoxStEV8.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122



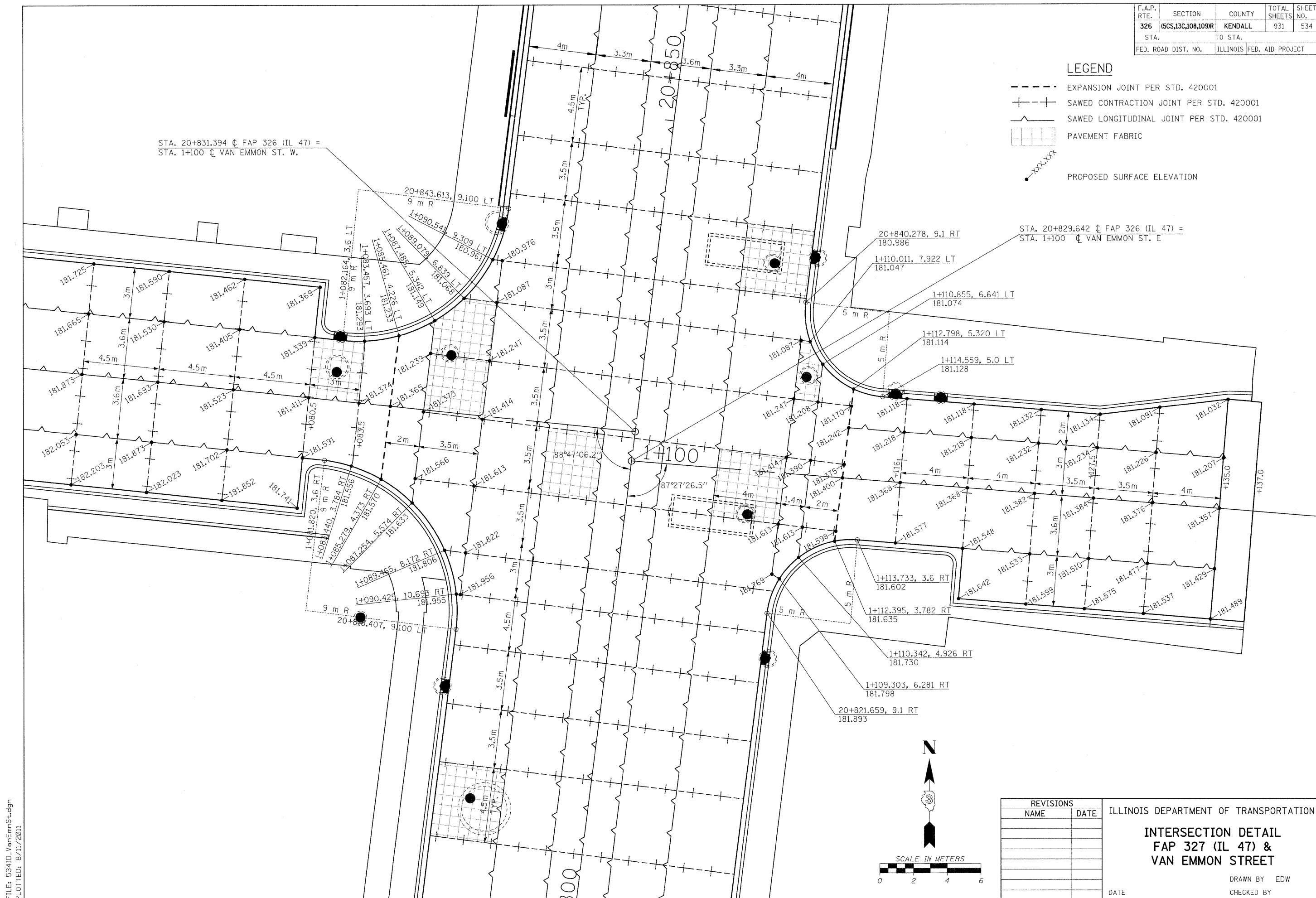
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13G,108,109R)	KENDALL	931	534
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

**LEGEND**

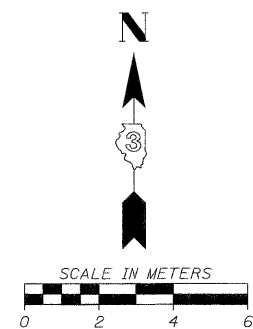
- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX-XXX- PROPOSED SURFACE ELEVATION

STA. 20+831.394 @ FAP 326 (IL 47) =  
STA. 1+100 @ VAN EMMON ST. W.

STA. 20+829.642 @ FAP 326 (IL 47) =  
STA. 1+100 @ VAN EMMON ST. E



FILE: 5341D\_VanEmmSt.dgn  
PLOTTED: 8/11/2011

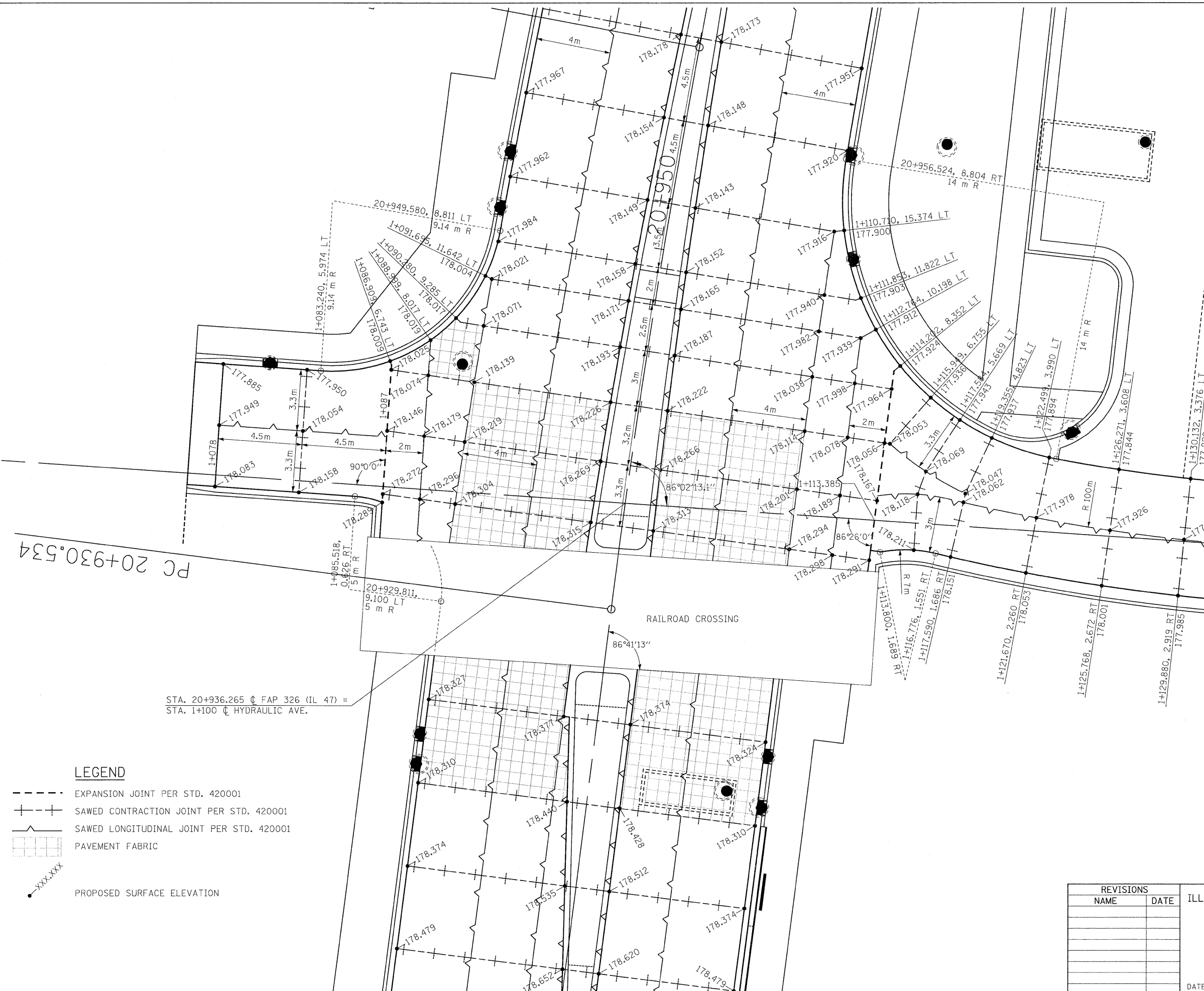


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**VAN EMMON STREET**  
DRAWN BY EDW  
CHECKED BY  
DATE

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	535
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PC 20+930.534

STA. 20+936.265  $\nabla$  FAP 326 (IL 47) =  
STA. 1+100  $\nabla$  HYDRAULIC AVE.

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- ~ SAWED LONGITUDINAL JOINT PER STD. 420001
- ▭ PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION

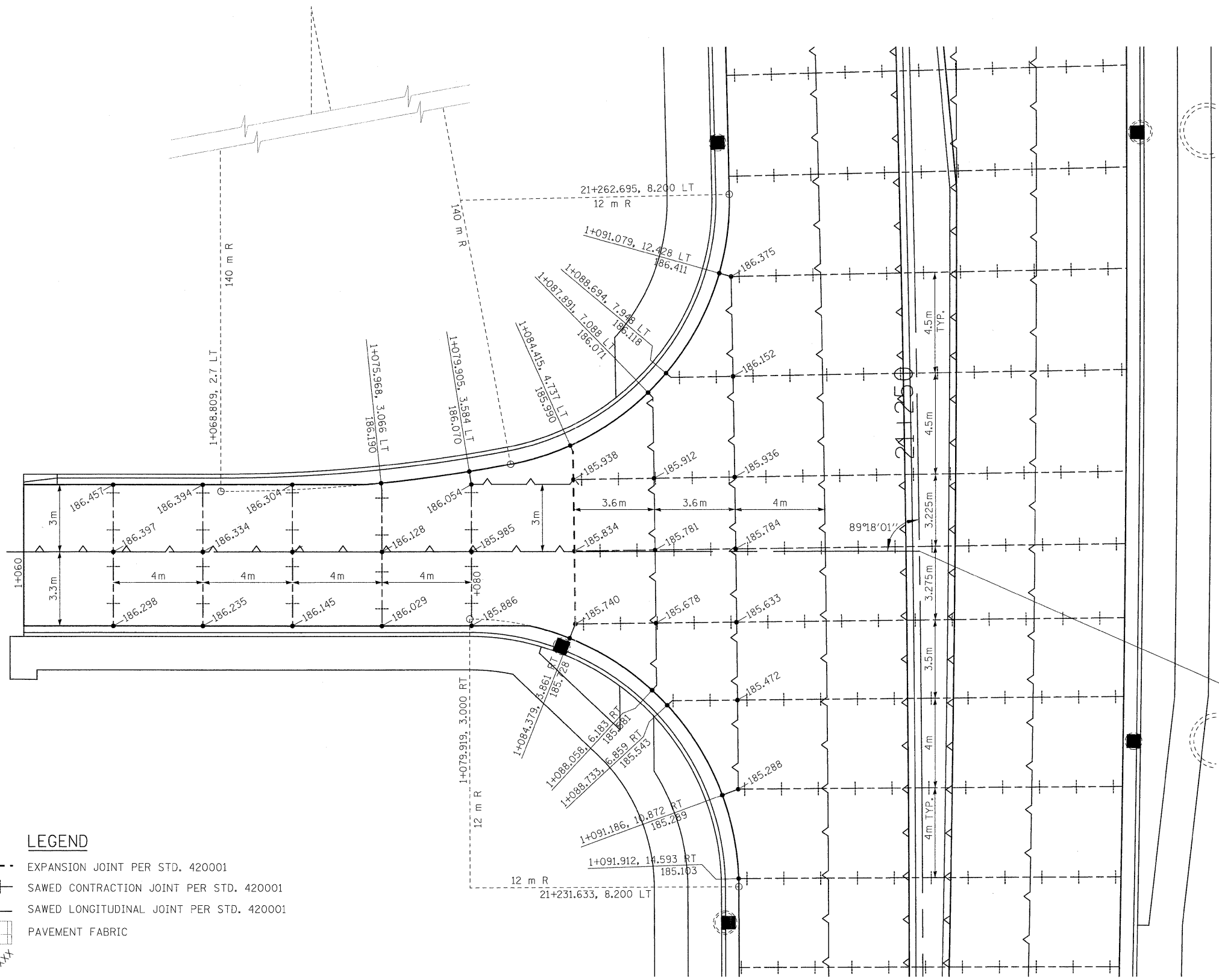
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**HYDRAULIC AVENUE**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 5351D\_HydraulicAve.dgn  
 PLOTTED: 8/11/2011

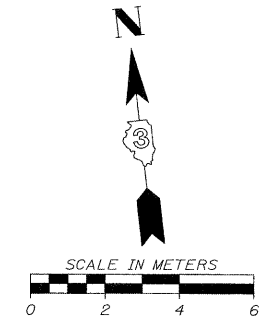
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109)R	KENDALL	931	536
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 21+246.560 @ FAP 326 (IL 47) =  
STA. 1+100 @ RIVER ST.

- LEGEND**
- - - - EXPANSION JOINT PER STD. 420001
  - + + + SAWED CONTRACTION JOINT PER STD. 420001
  - ~ SAWED LONGITUDINAL JOINT PER STD. 420001
  - [Grid Pattern] PAVEMENT FABRIC
  - XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**RIVER STREET**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE


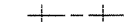



FILE: 536ID\_RvrSt.dgn  
PLOTTED: 8/11/2011

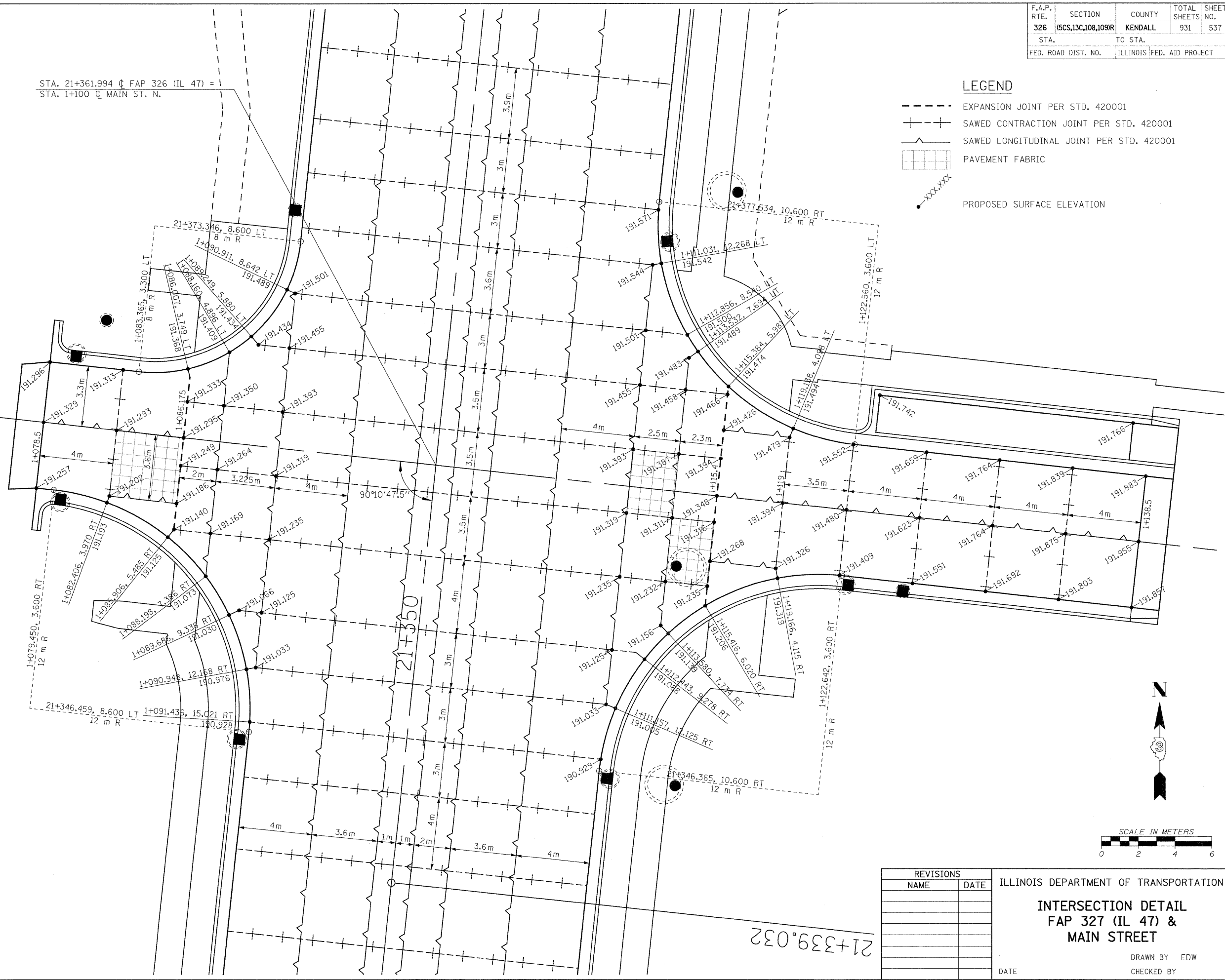
HMG JOB NO. 5122

F.A.P. RTE. <b>326</b>	SECTION <b>(5CS,13C,108,109)R</b>	COUNTY <b>KENDALL</b>	TOTAL SHEETS 931	SHEET NO. 537
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 21+361.994 @ FAP 326 (IL 47) =  
STA. 1+100 @ MAIN ST. N.

**LEGEND**

-  EXPANSION JOINT PER STD. 420001
-  SAWED CONTRACTION JOINT PER STD. 420001
-  SAWED LONGITUDINAL JOINT PER STD. 420001
-  PAVEMENT FABRIC
-  PROPOSED SURFACE ELEVATION



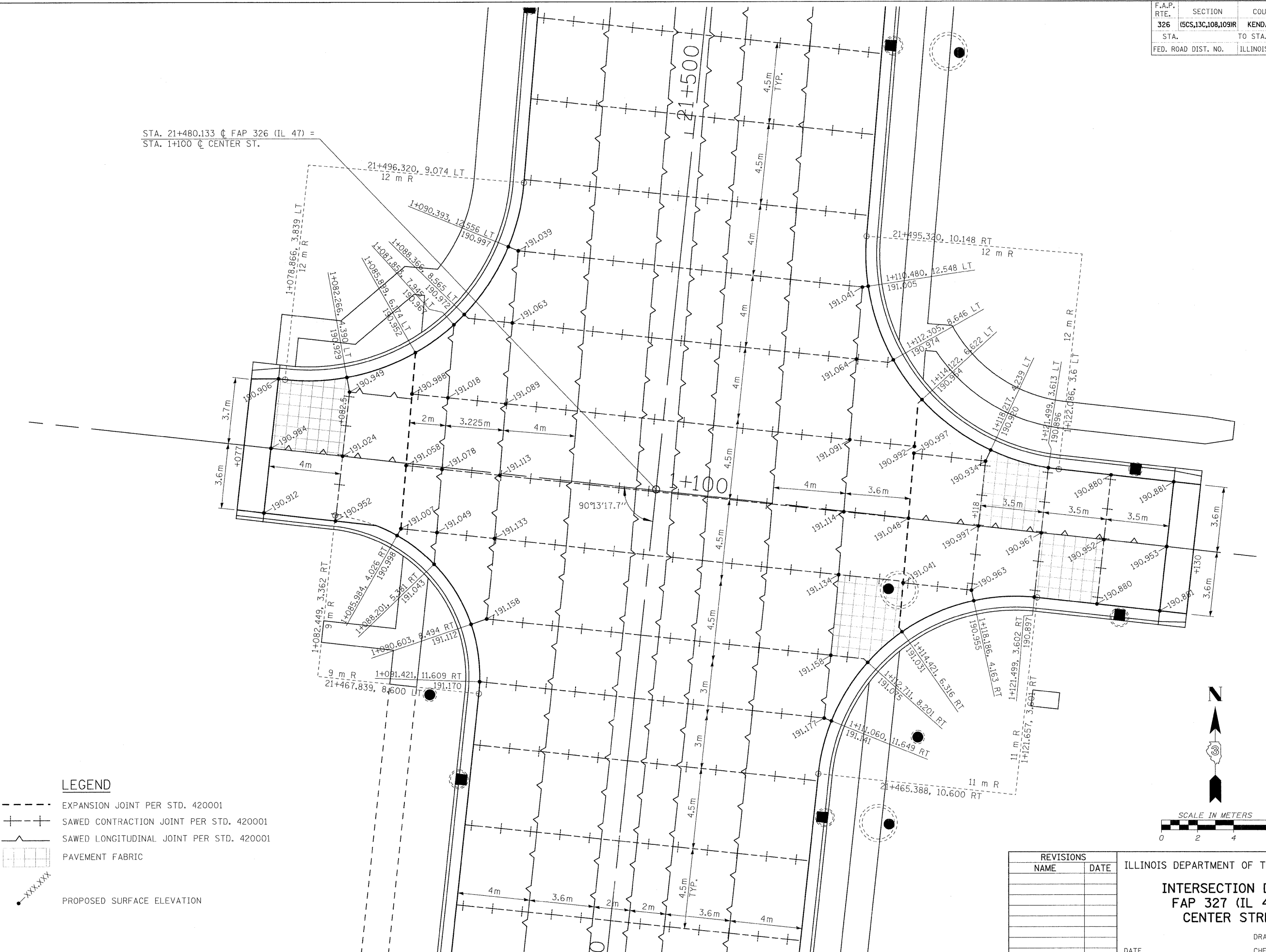
FILE: 537ID\_MainSt.dgn  
PLOTED: 8/11/2011

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <b>INTERSECTION DETAIL</b> FAP 327 (IL 47) & <b>MAIN STREET</b>
NAME	DATE	
		DRAWN BY EDW CHECKED BY DATE

HMG JOB NO. 5122

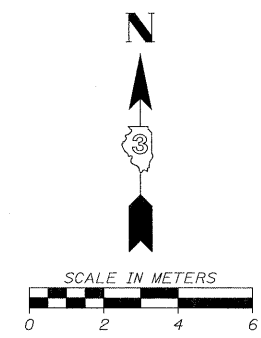
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109R)	KENDALL	931	538
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 21+480.133 @ FAP 326 (IL 47) =  
STA. 1+100 @ CENTER ST.



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- /— SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



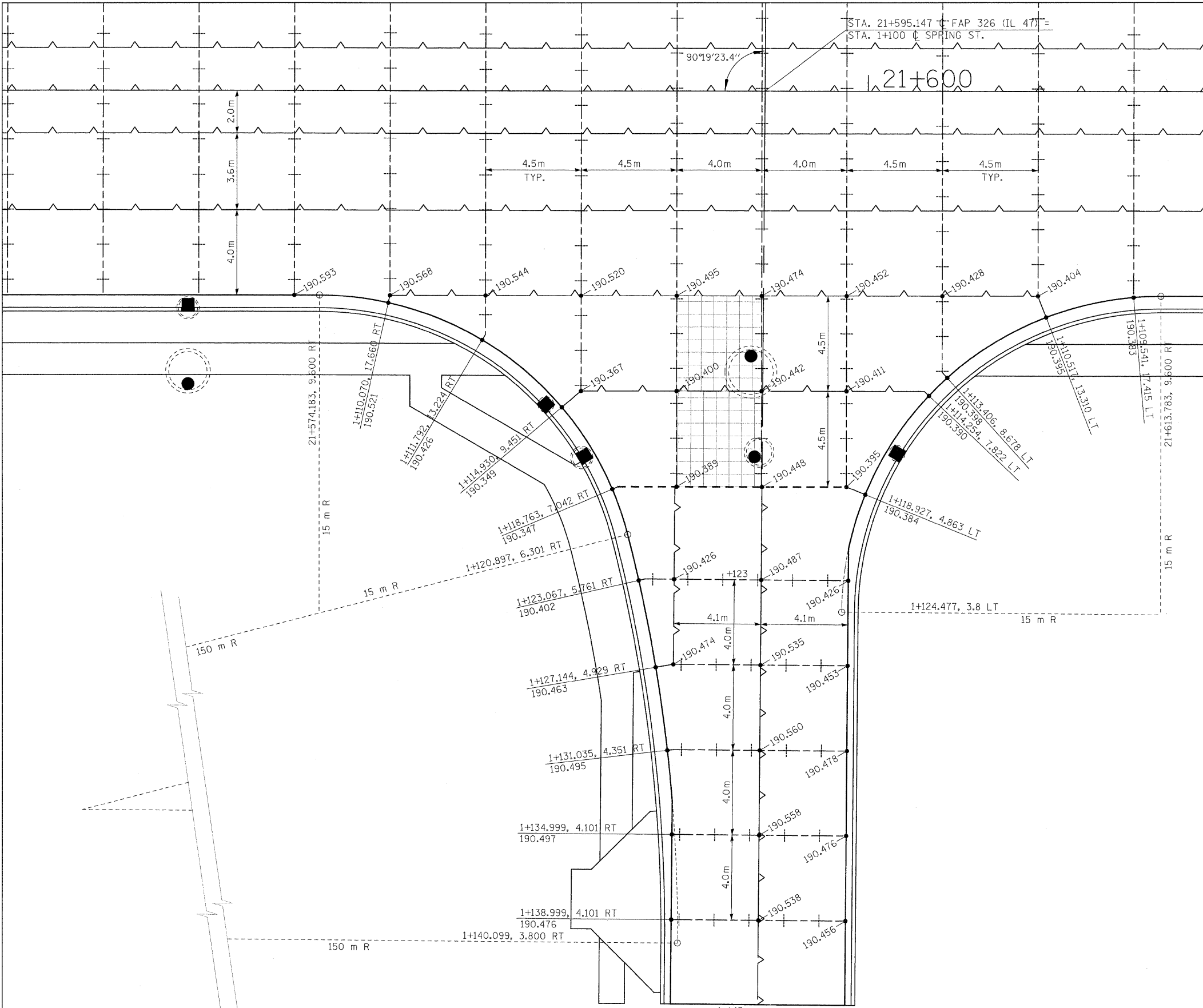
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**CENTER STREET**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 53810\_Cnt+Std.dgn  
PLOTED: 8/11/2011

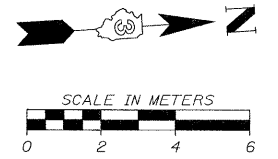
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	539
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid] PAVEMENT FABRIC
- XXX-XXX PROPOSED SURFACE ELEVATION

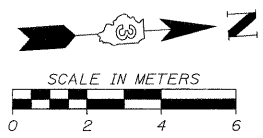


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p><b>INTERSECTION DETAIL</b>  <b>FAP 327 (IL 47) &amp;</b>  <b>SPRING STREET (EAST)</b></p> <p>DRAWN BY EDW                  CHECKED BY                  DATE</p>

FILE: 539ID\_SpringStE.dgn  
 PLOTTED: 8/11/2011

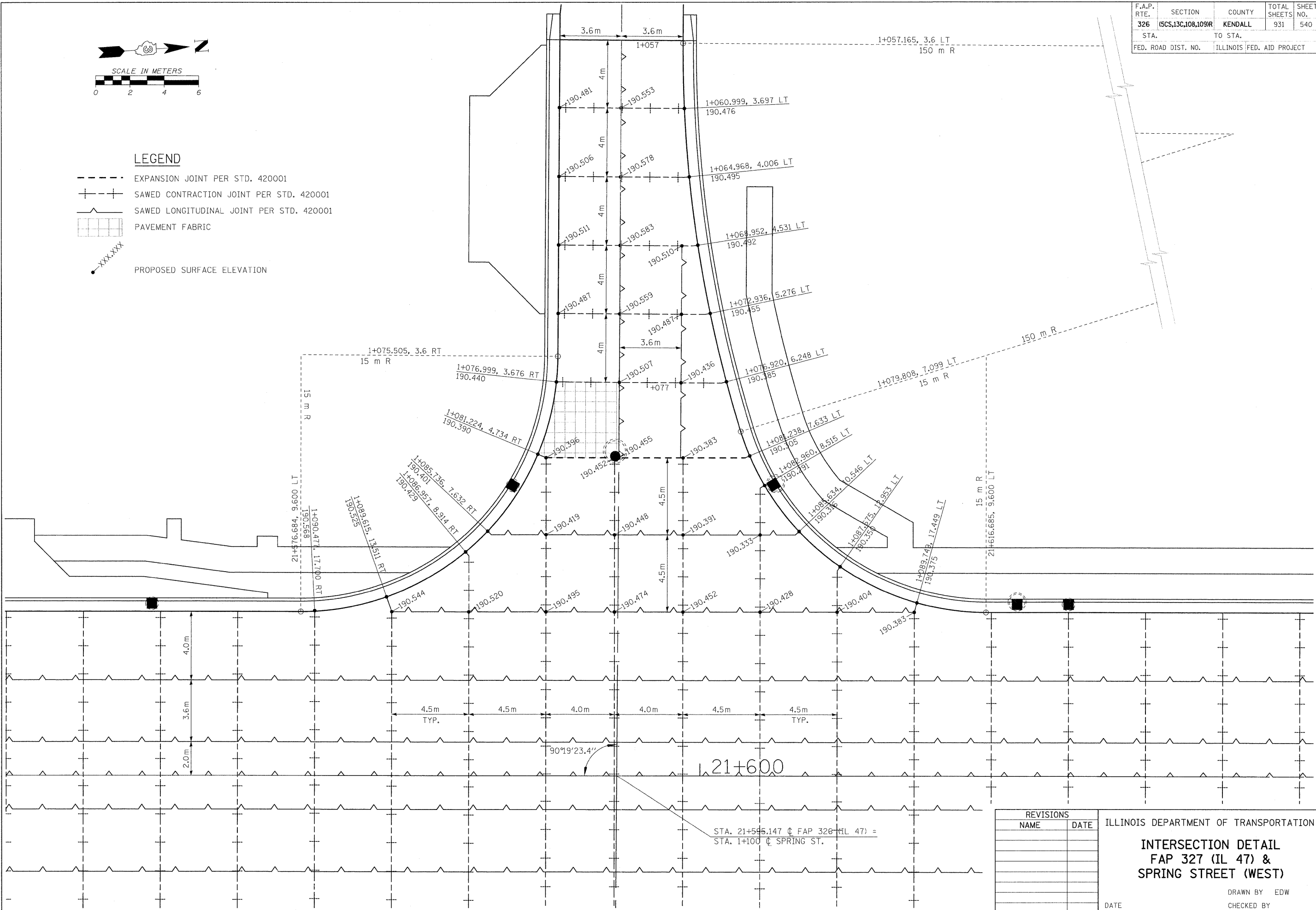
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	540
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**LEGEND**

- - - EXPANSION JOINT PER STD. 420001
- + - + SAWED CONTRACTION JOINT PER STD. 420001
- / - SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**SPRING STREET (WEST)**

DATE \_\_\_\_\_

DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

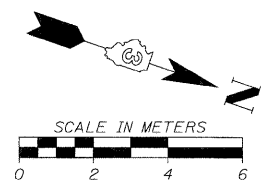
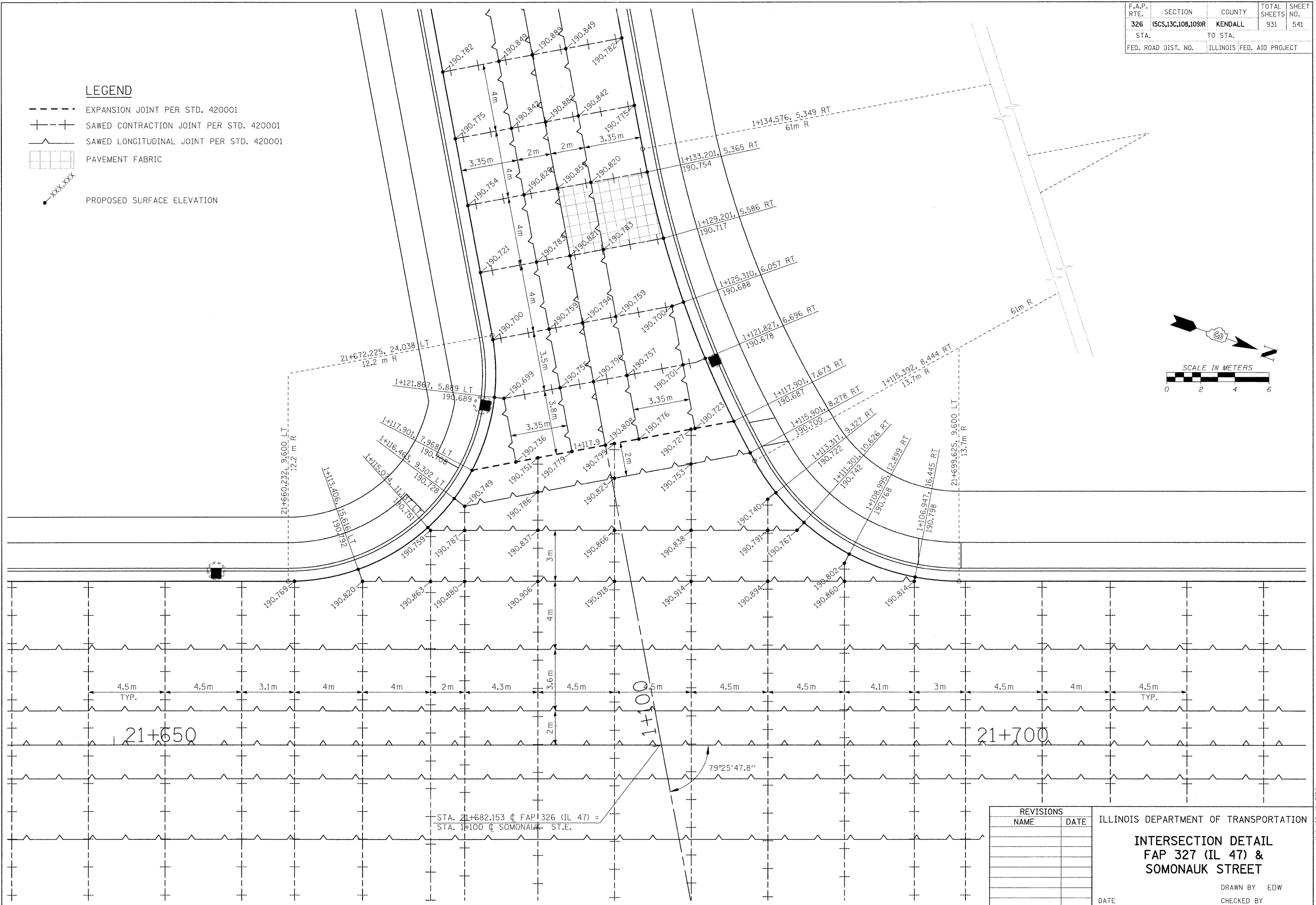
FILE: 540ID\_Spr.mgStw.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109)R	KENDALL	931	541
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXXXXXX PROPOSED SURFACE ELEVATION



21+50

21+700

STA. 21+682.153 @ FAP 326 (IL 47) =  
STA. 1+100 @ SOMONAUK ST.E.

REVISIONS	
NAME	DATE

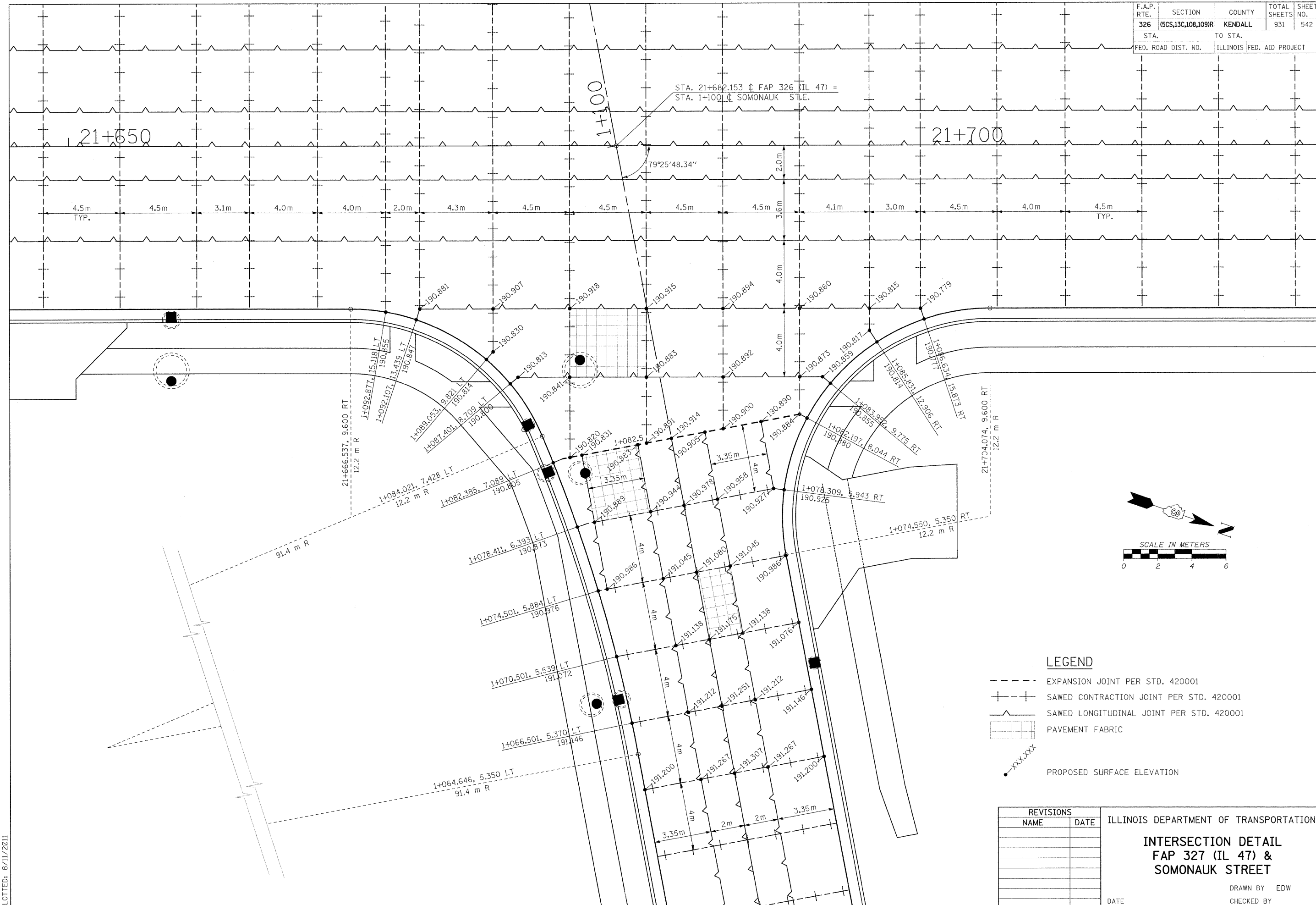
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**SOMONAUK STREET**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 5411D\_SomnkSt.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	542
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**SOMONAUK STREET**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 542ID\_SomnkStE.dgn  
 PLOTTED: 8/11/2011

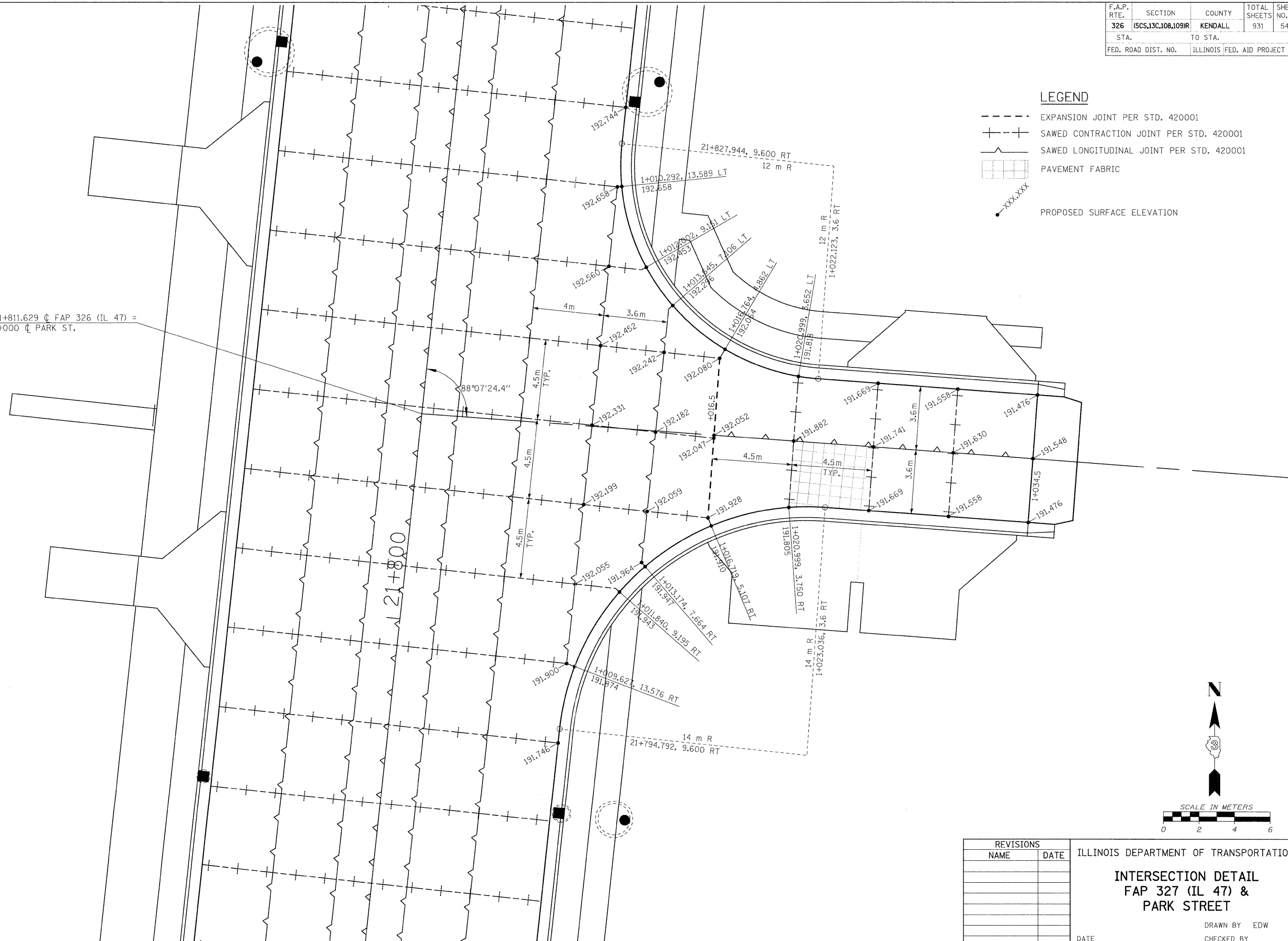
HMG JOB NO. 5182

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	543
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- - - - - EXPANSION JOINT PER STD. 420001
- + + + + + SAWED CONTRACTION JOINT PER STD. 420001
- / — SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- - - - - - PROPOSED SURFACE ELEVATION

STA. 21+811.629 C FAP 326 (IL 47) =  
STA. 1+000 C PARK ST.



FILE: 543ID\_ParkSt.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5182

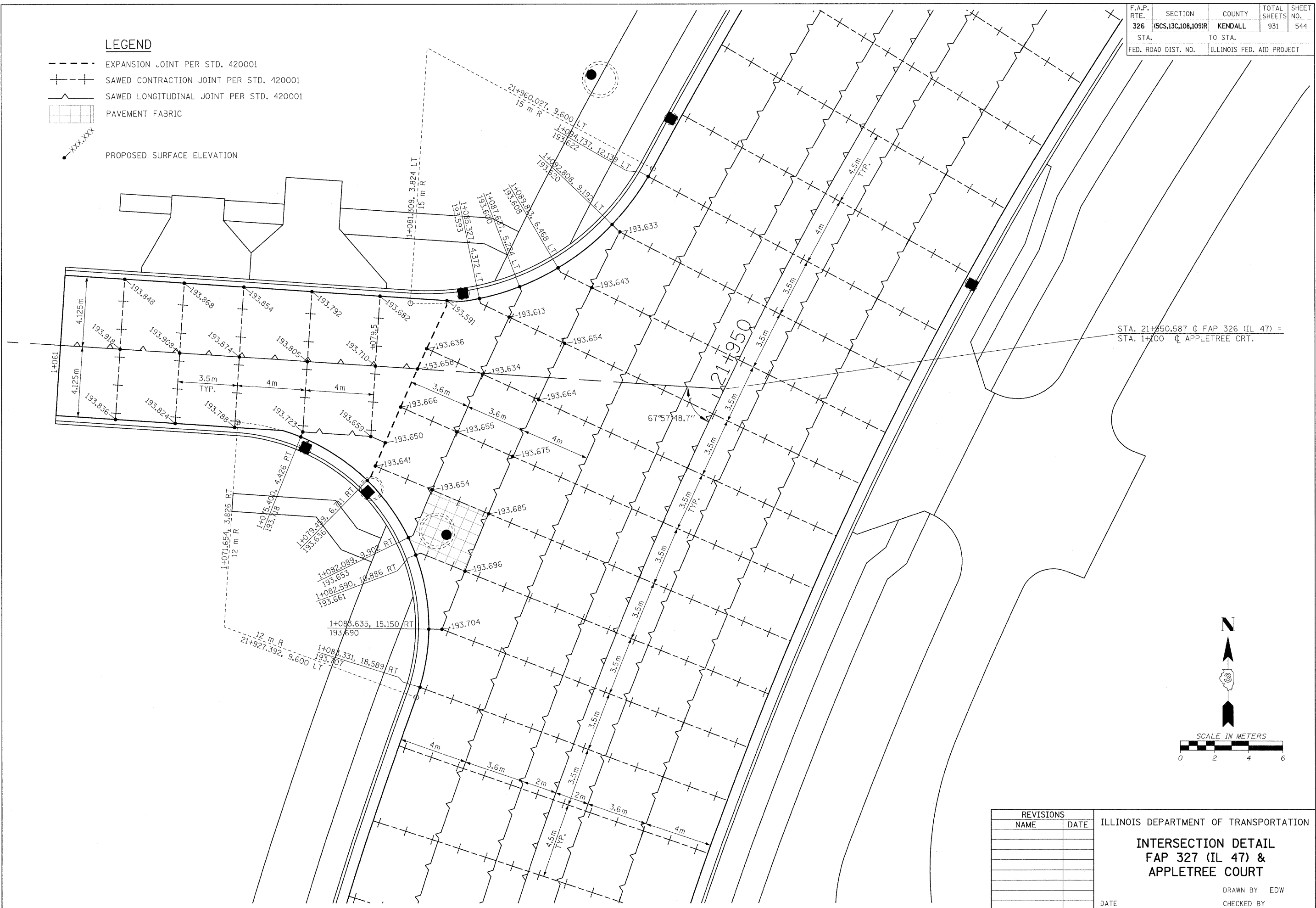
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**PARK STREET**  
DRAWN BY EDW  
CHECKED BY  
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	544
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- PAVEMENT FABRIC
- PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**APPLETREE COURT**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 544ID\_AppleC.dgn  
 PLOTTED: 8/11/2011

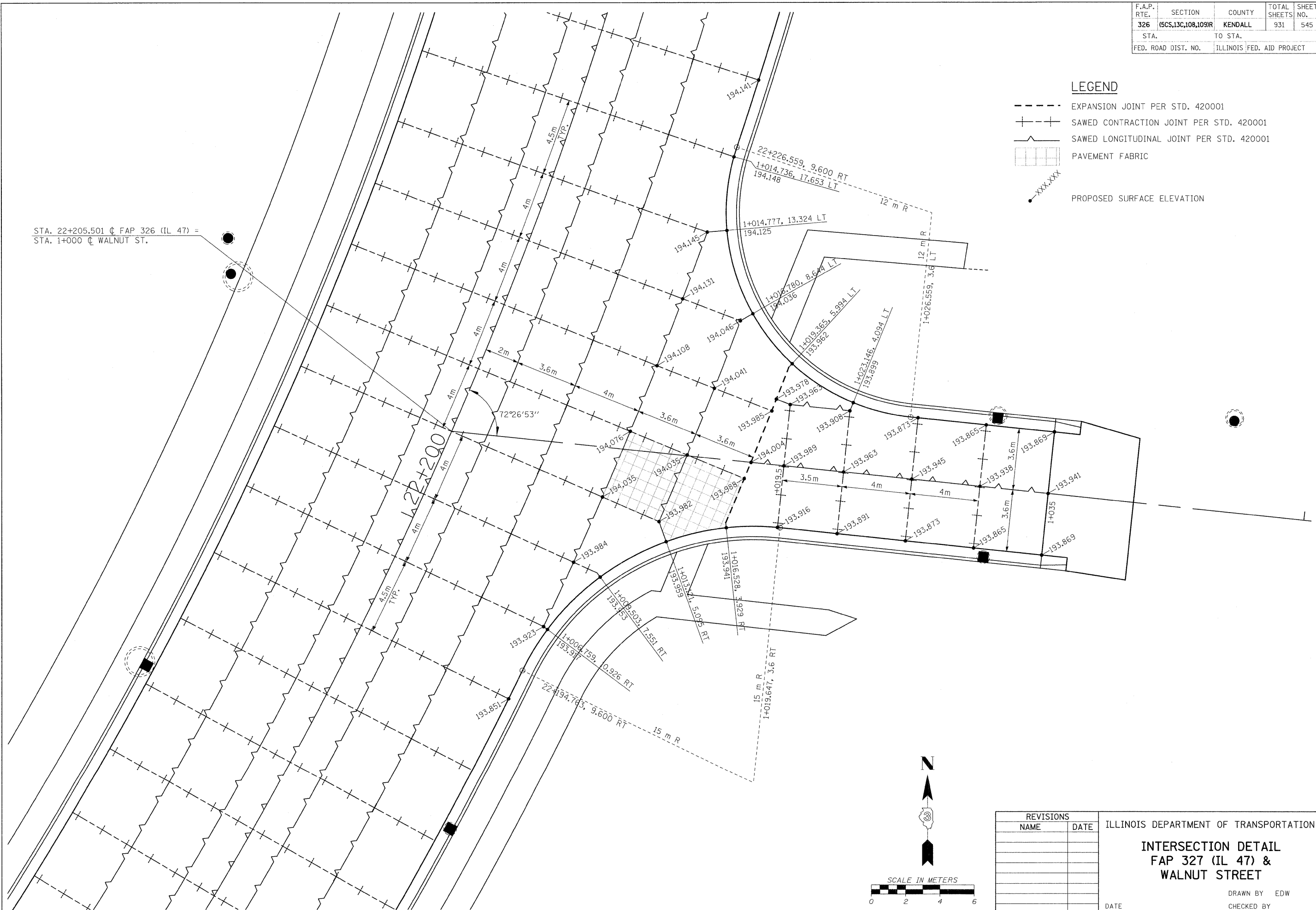
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	545
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +---+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- ▭ PAVEMENT FABRIC
- XXX-XXX PROPOSED SURFACE ELEVATION

STA. 22+205.501 @ FAP 326 (IL 47) =  
STA. 1+000 @ WALNUT ST.



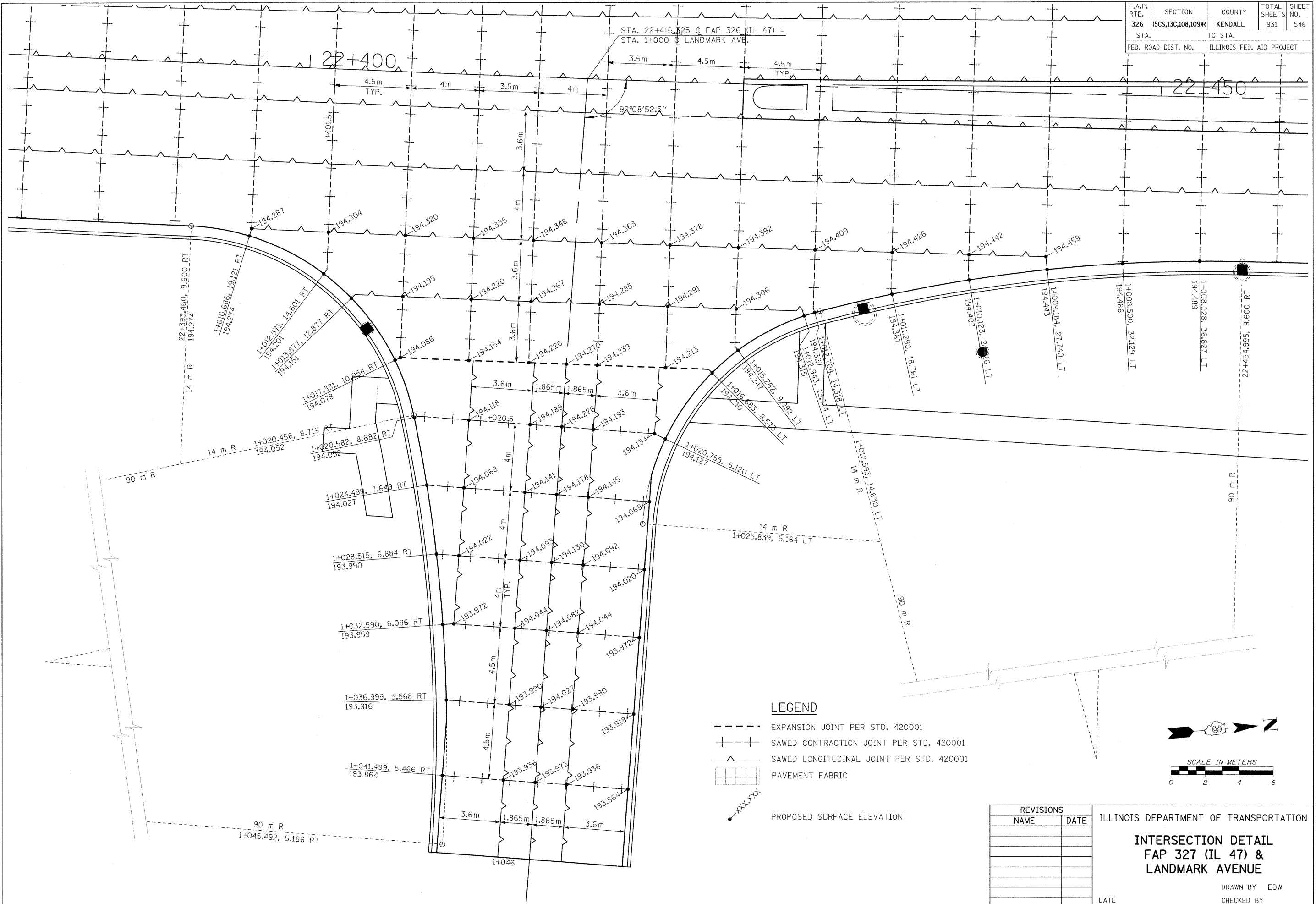
FILE: 5451D\_WalnutStd.dgn  
PLOTTED: 8/11/2011

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**WALNUT STREET**  
DRAWN BY EDW  
CHECKED BY  
DATE

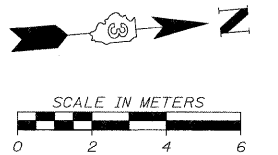
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	546
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- + + SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

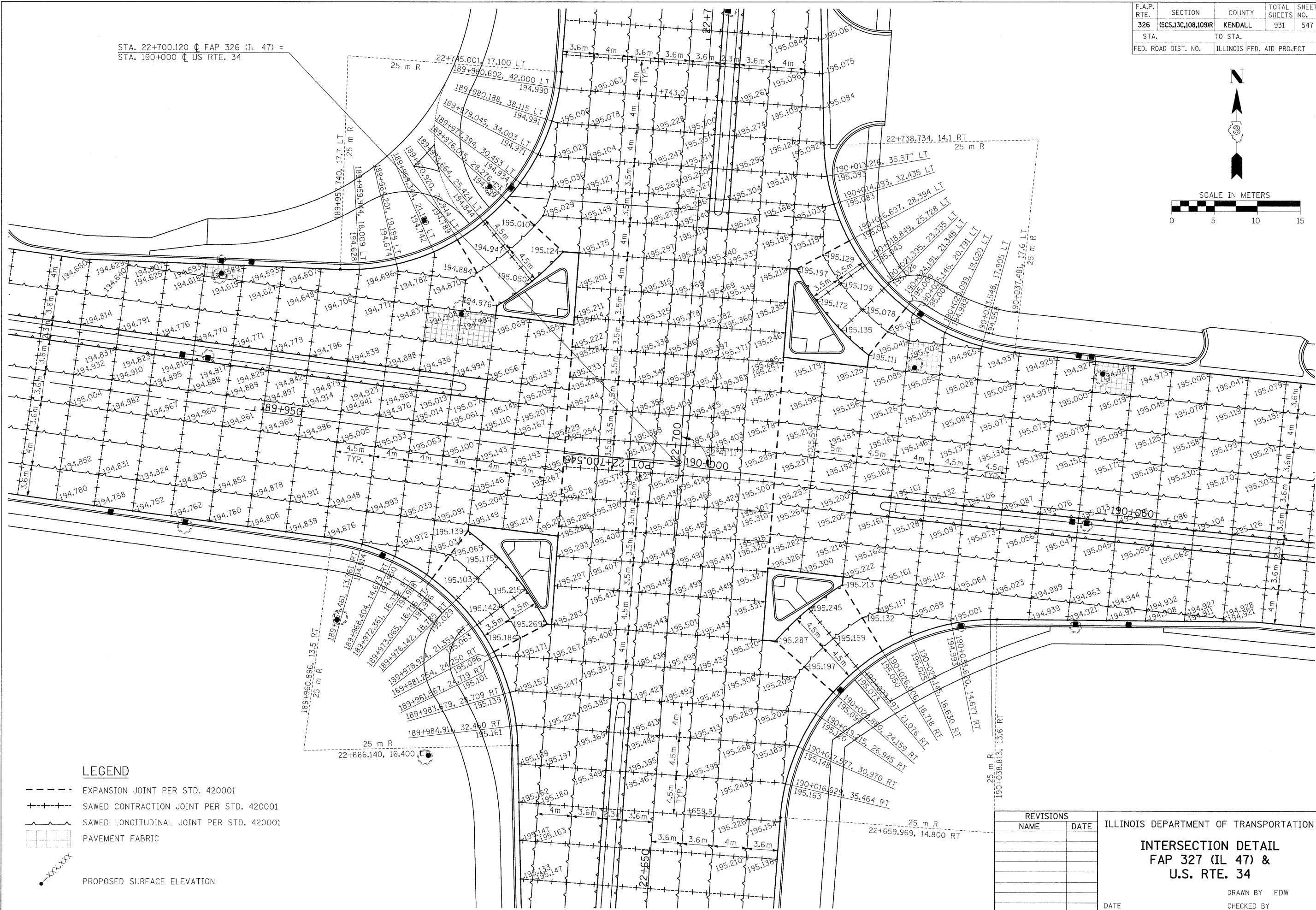
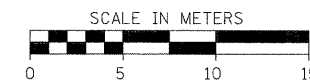
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**LANDMARK AVENUE**  
 DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 5461D.Lndmk.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	547
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 22+700.120  $\phi$  FAP 326 (IL 47) =  
 STA. 190+000  $\phi$  US RTE. 34



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +++ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**U.S. RTE. 34**  
 DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

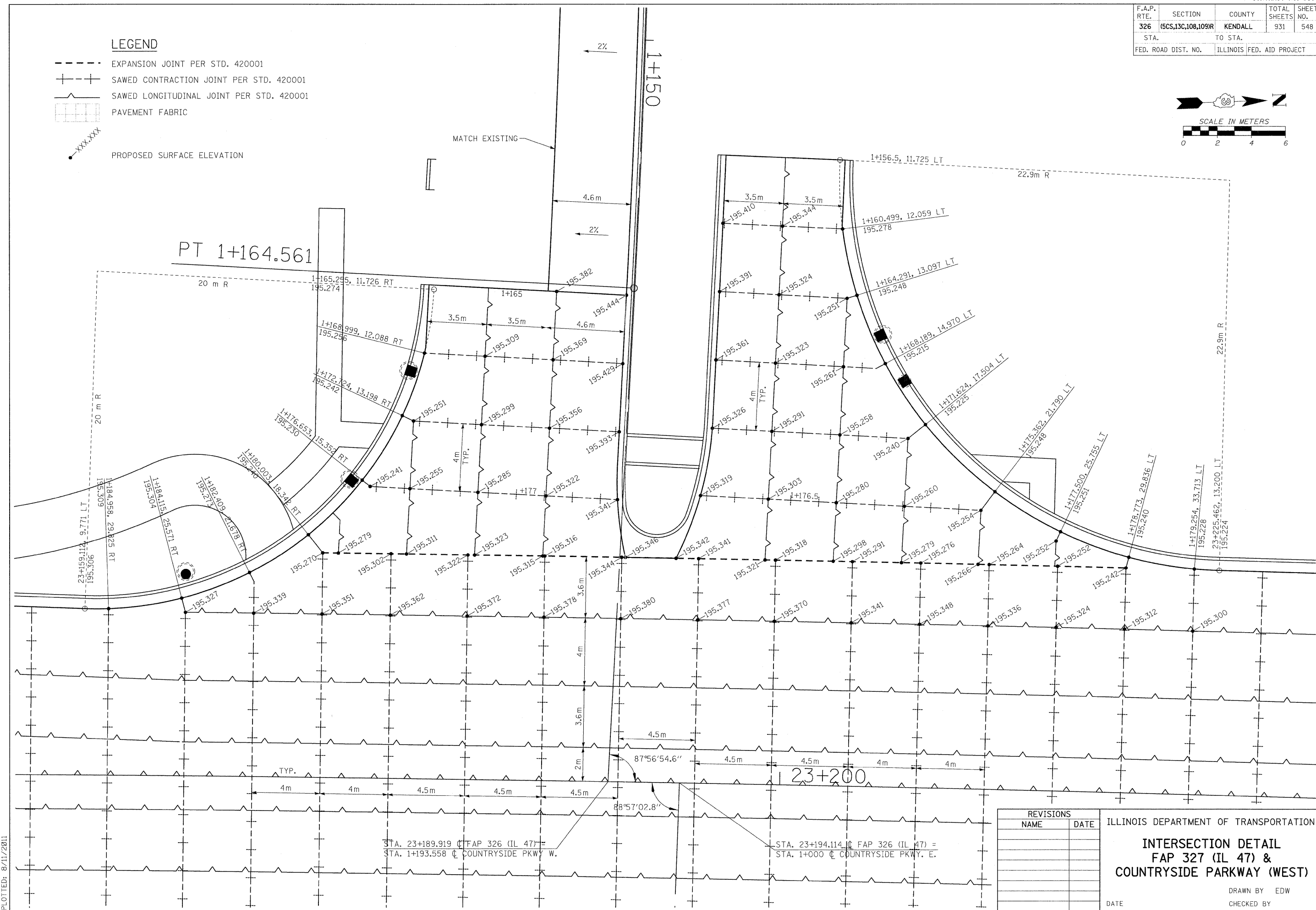
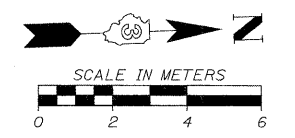
FILE: 5471D\_US34.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	548
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid] PAVEMENT FABRIC
- XXX--- PROPOSED SURFACE ELEVATION



REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION

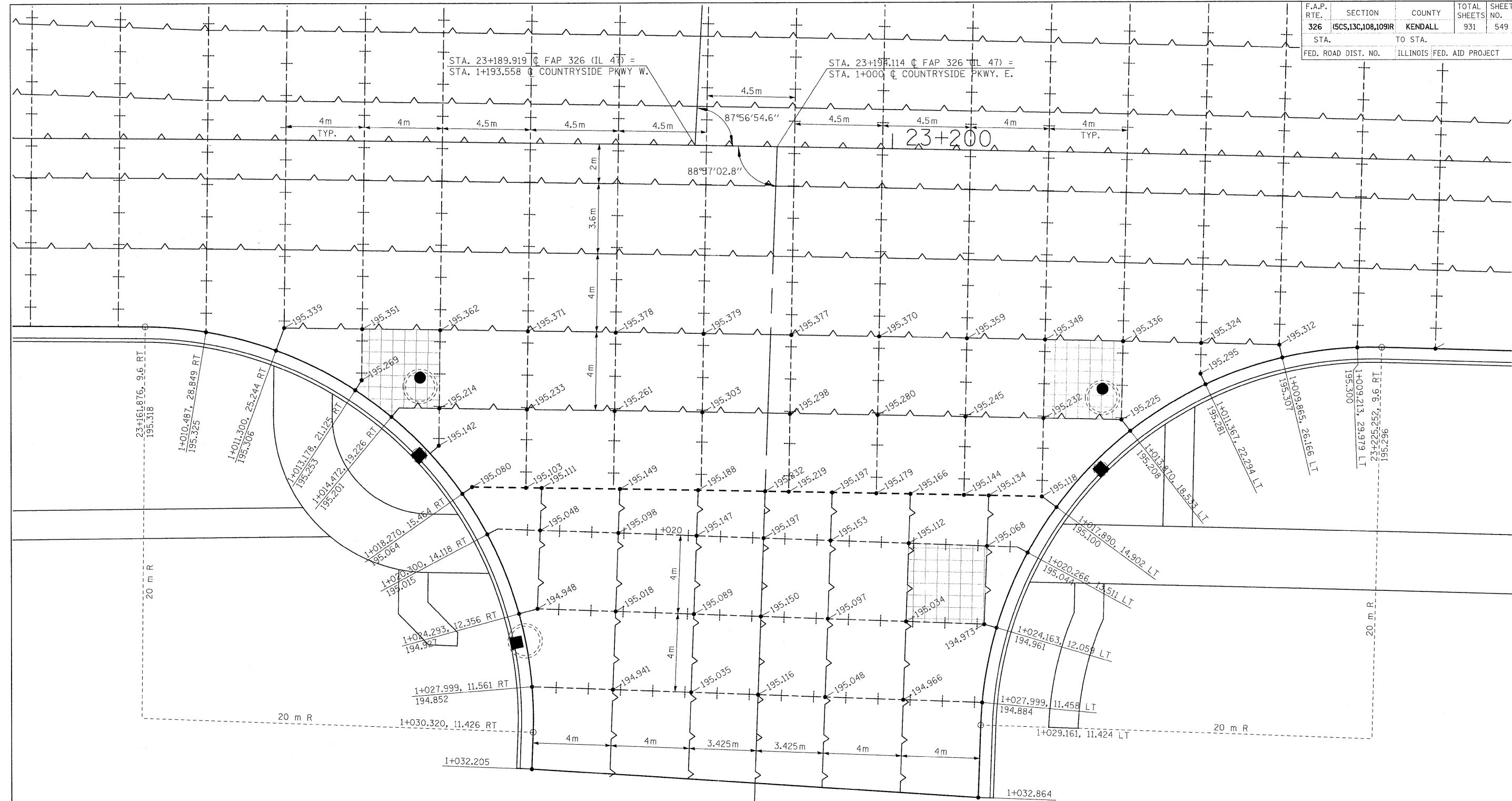
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**COUNTRYSIDE PARKWAY (WEST)**

DRAWN BY EDW  
 CHECKED BY  
 DATE

FILE: 5481D\_CntyPkwy.dgn  
 PLOTTED: 8/11/2011

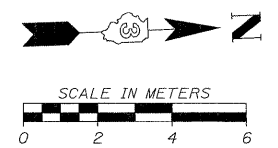
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109)R	KENDALL	931	549
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- +--+ SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- [Grid Pattern] PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**COUNTRYSIDE PARKWAY (EAST)**

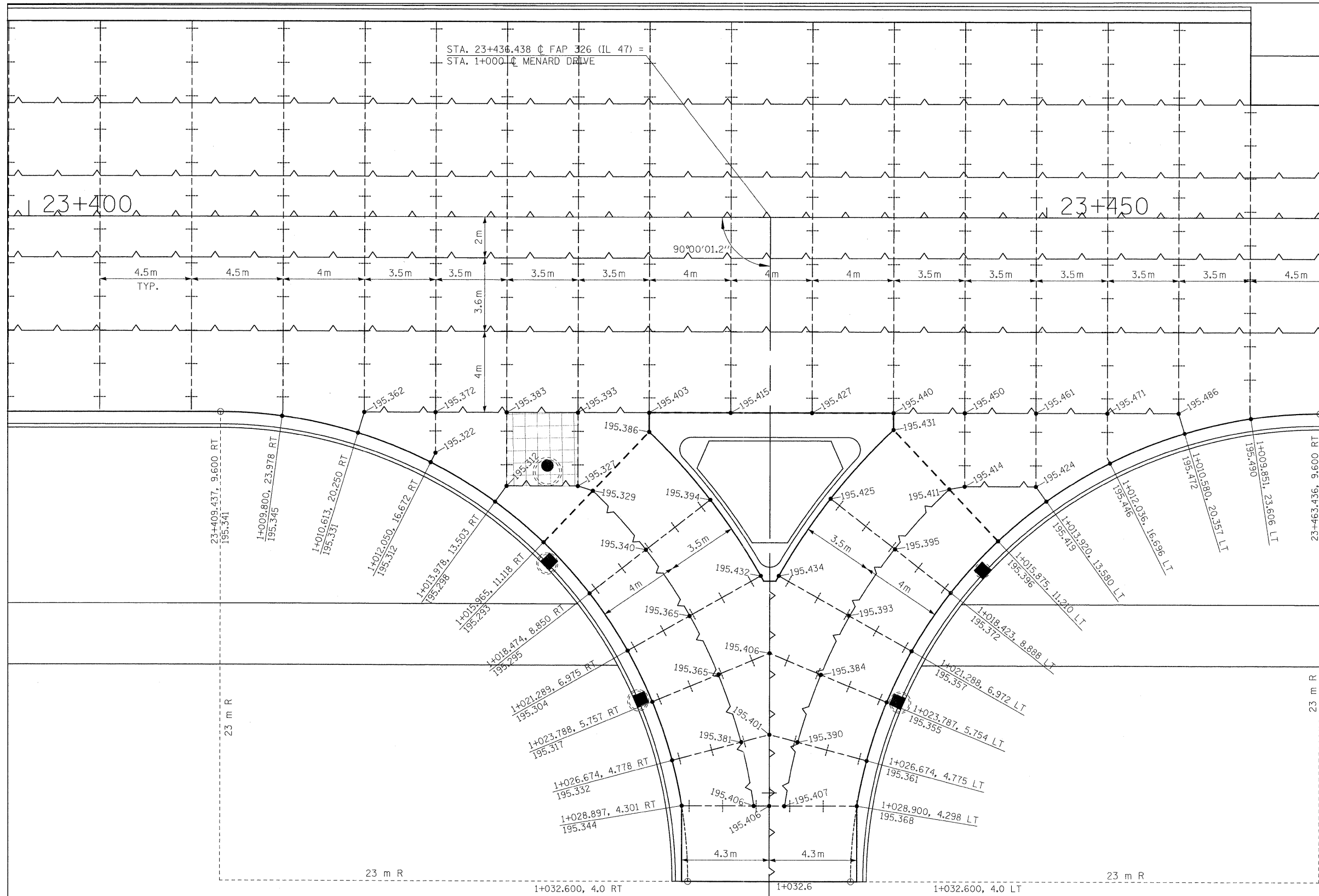
DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 649ID\_CntyPkwy.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

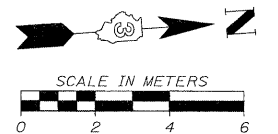


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	550
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- + + + SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- ▣ PAVEMENT FABRIC
- XXX.XXX PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

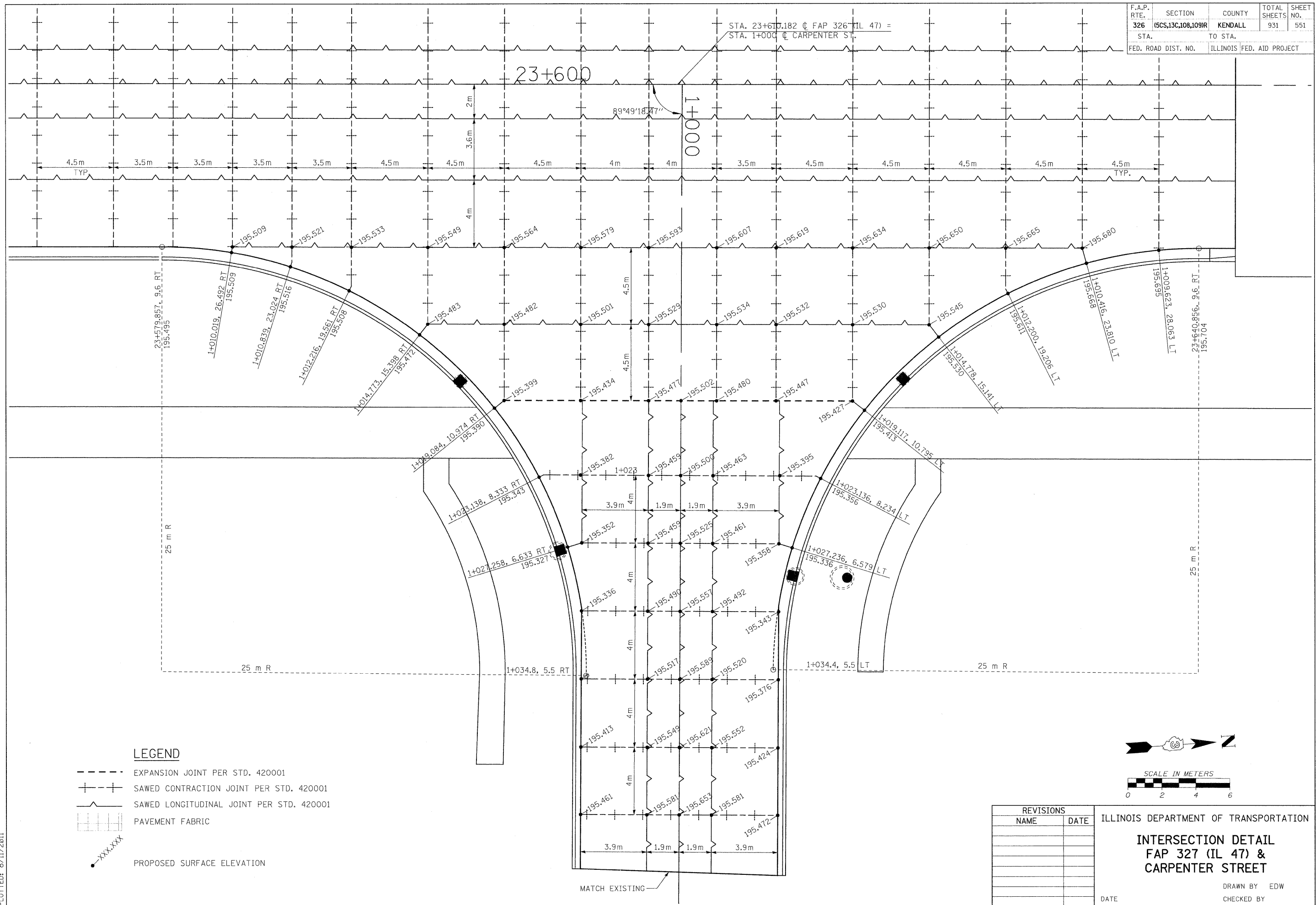
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**FAP 327 (IL 47) &**  
**MENARD DRIVE**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 5501D.MncDr.dgn  
 PLOTTED: 8/11/2011

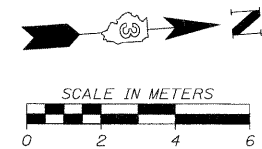
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,10B,109R)	KENDALL	931	551
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- EXPANSION JOINT PER STD. 420001
- SAWED CONTRACTION JOINT PER STD. 420001
- SAWED LONGITUDINAL JOINT PER STD. 420001
- PAVEMENT FABRIC
- PROPOSED SURFACE ELEVATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

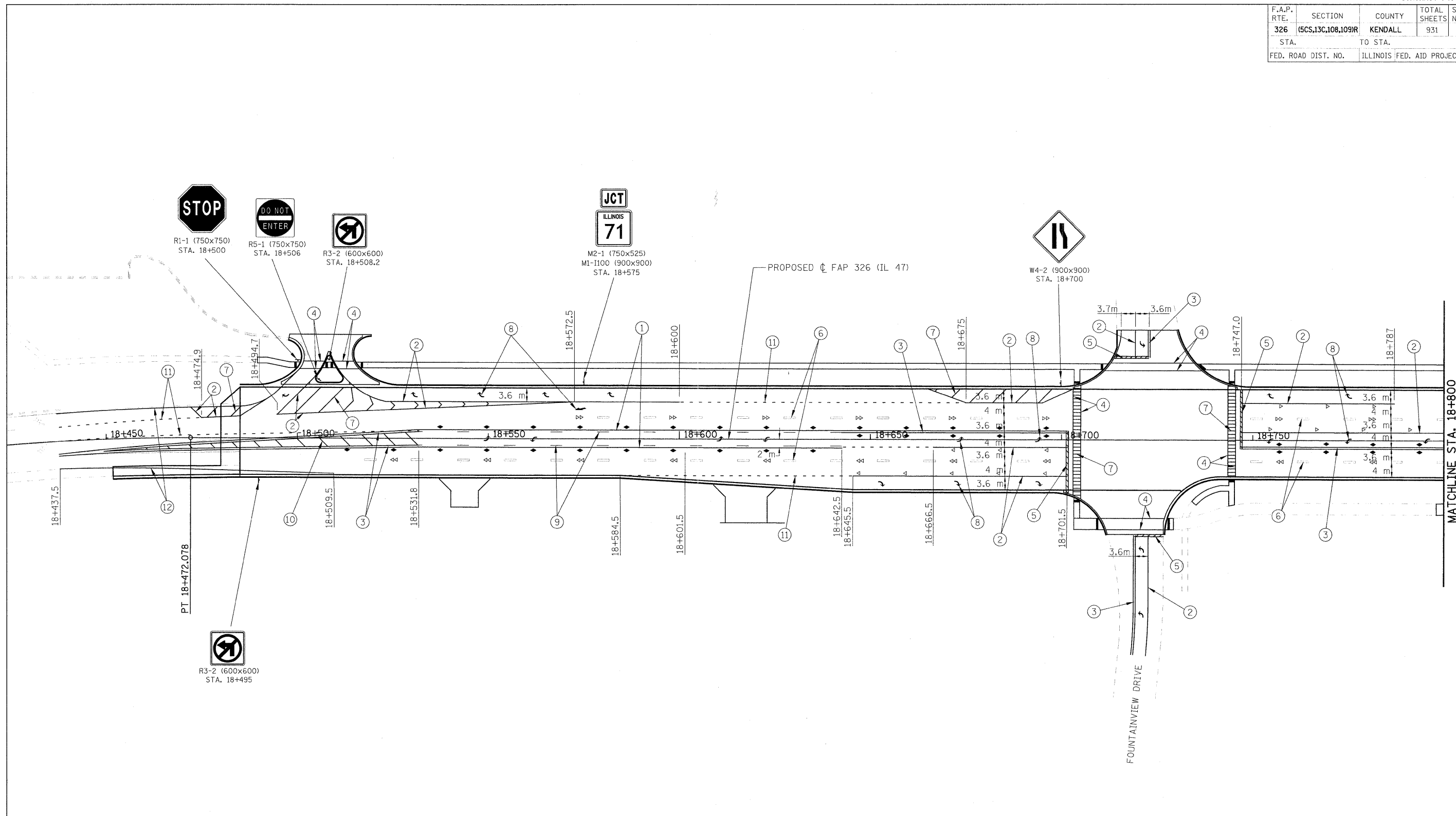
**INTERSECTION DETAIL**  
**FAP 327 (IL 47) &**  
**CARPENTER STREET**

DATE \_\_\_\_\_ DRAWN BY EDW  
 CHECKED BY \_\_\_\_\_

FILE: 5511D\_Crpt-St.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,10B,109)R	KENDALL	931	552
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

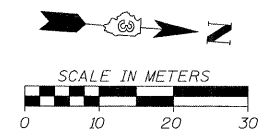


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

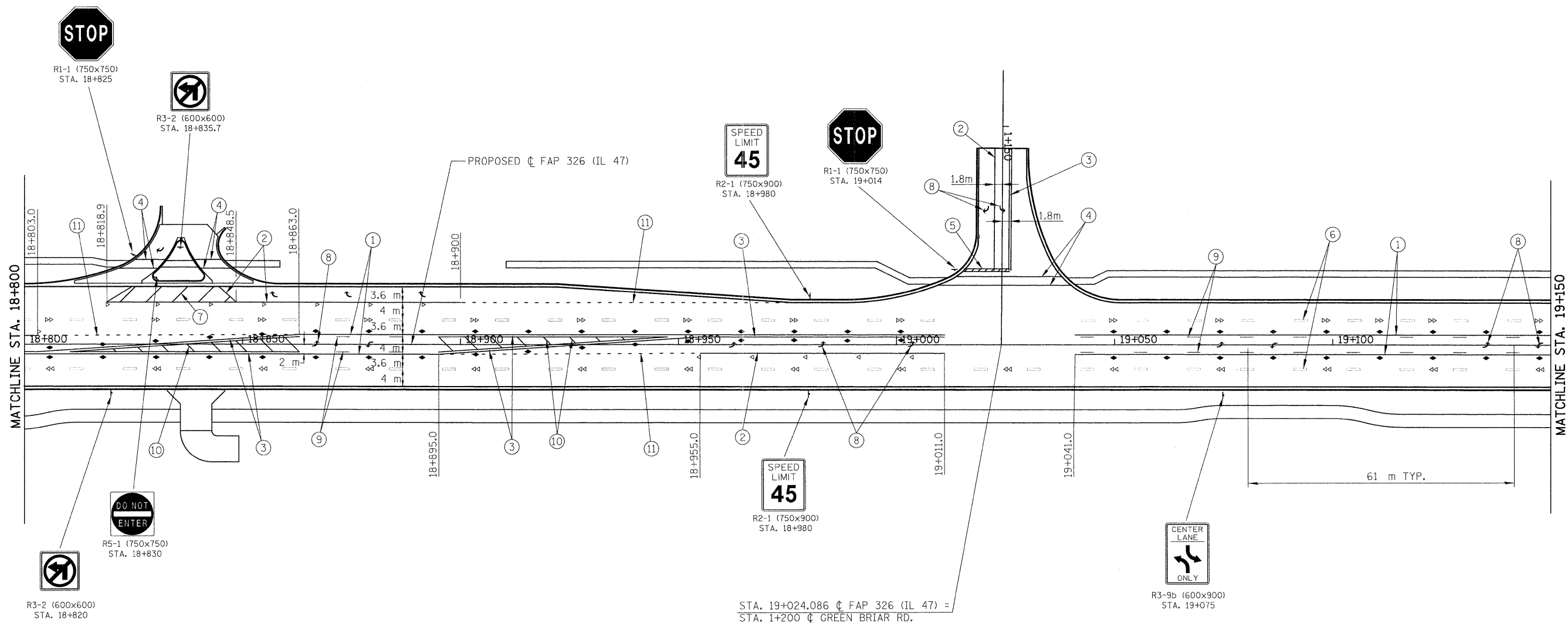
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 552pm\_&.signs\_47\_03.dgn  
PLOTTED: 8/11/2011

HMC JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109R)	KENDALL	931	553
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

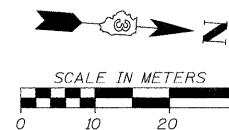


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

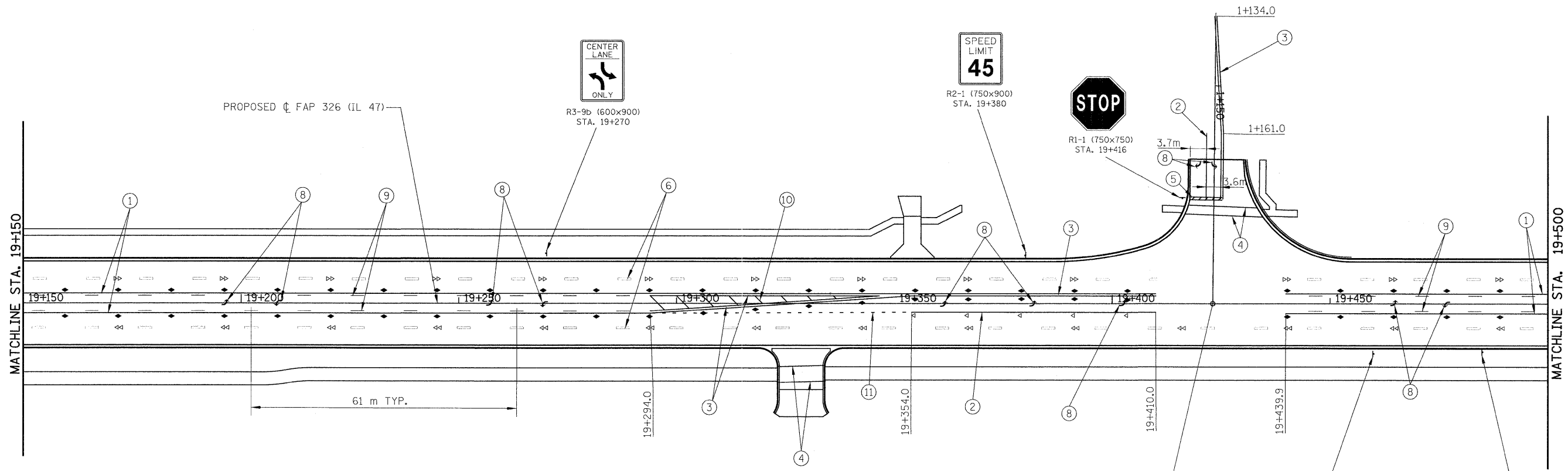
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◄ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 553pm\_&\_signs\_47\_04.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	554
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



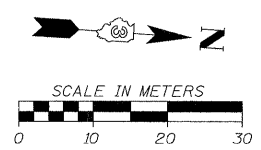
STA. 19+423.090 CL FAP 326 (IL 47) = STA. 1+200 CL GARDEN ST.

**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

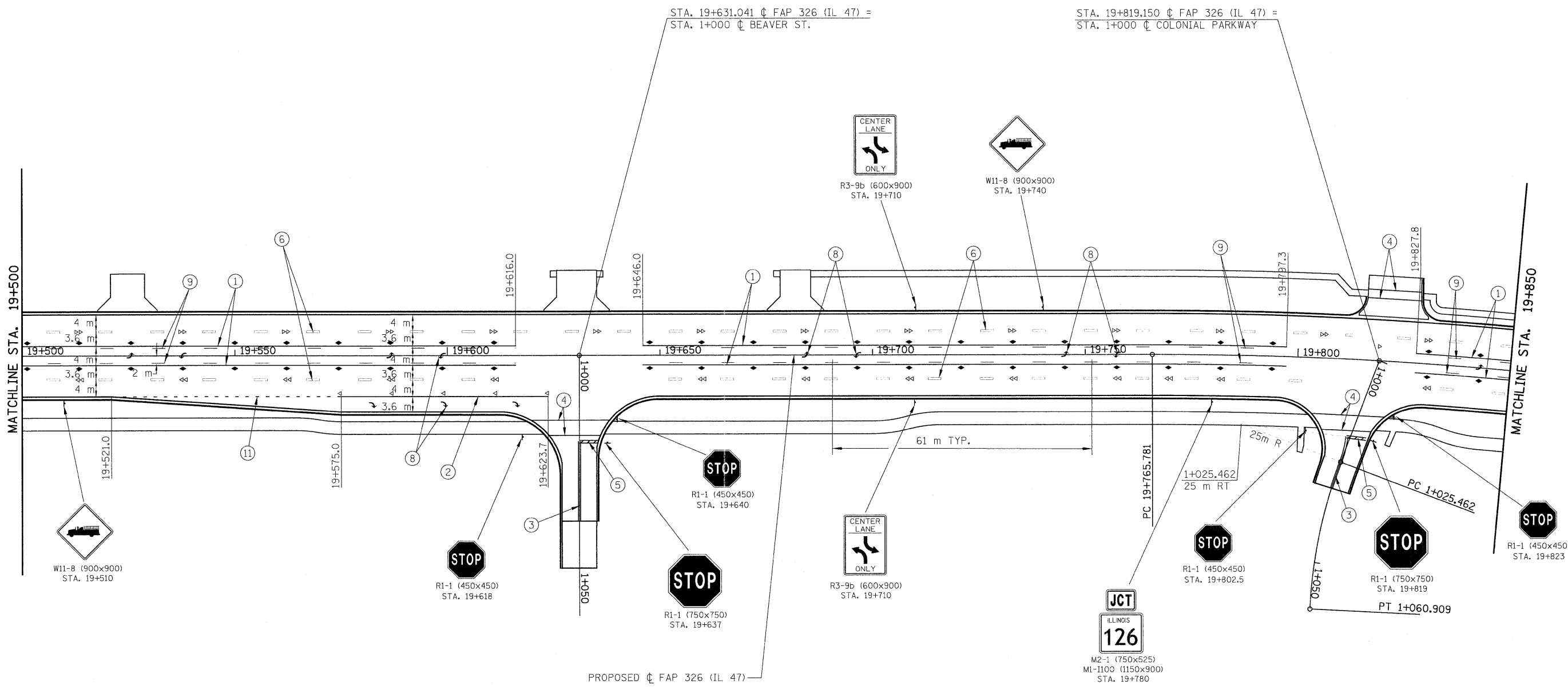
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 554pm\_&\_signs\_47.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

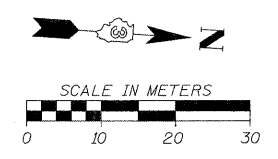
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109R)	KENDALL	931	555
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

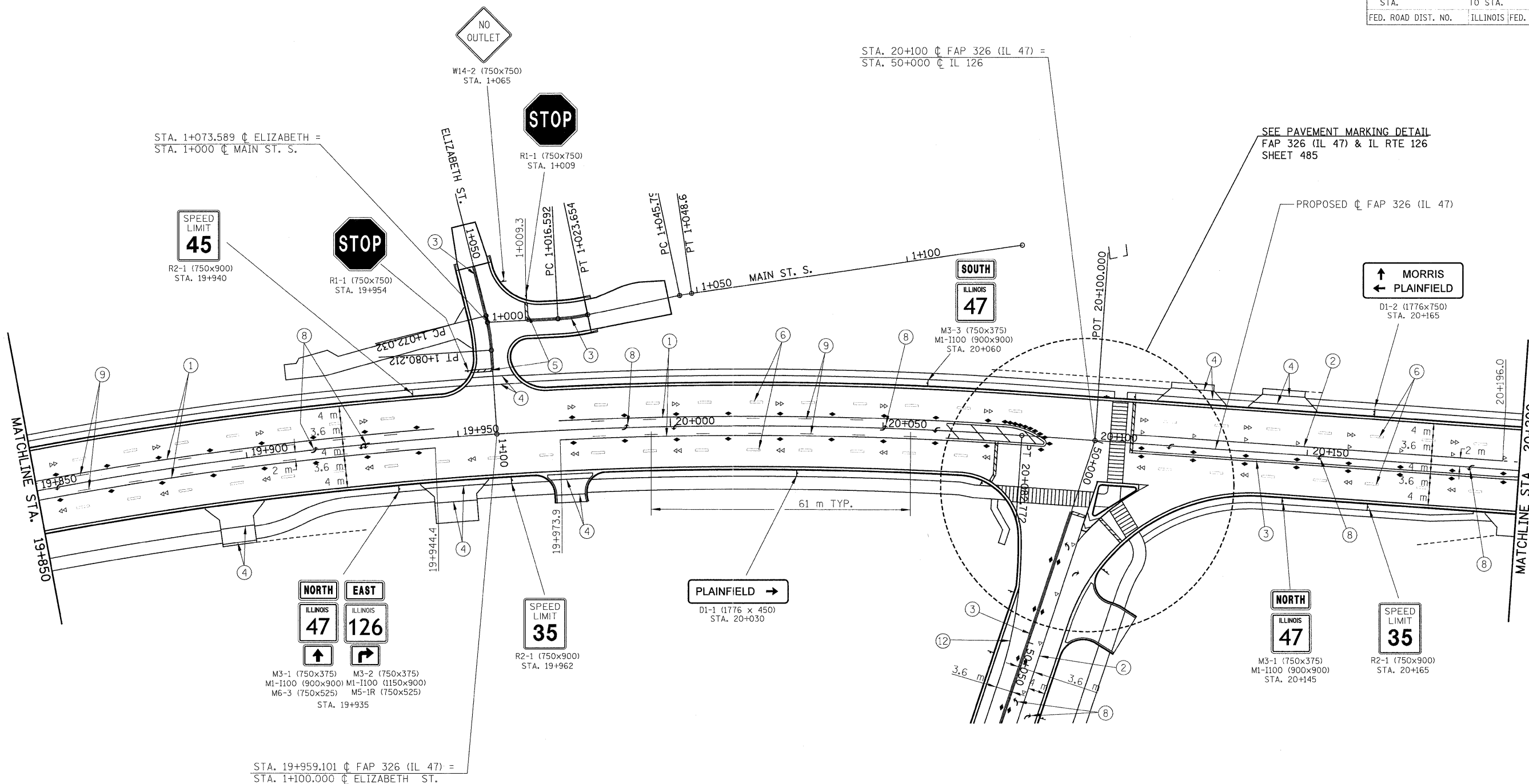
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 555pm & signs-47\_06.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	556
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

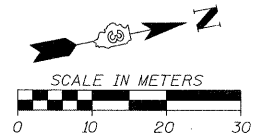


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

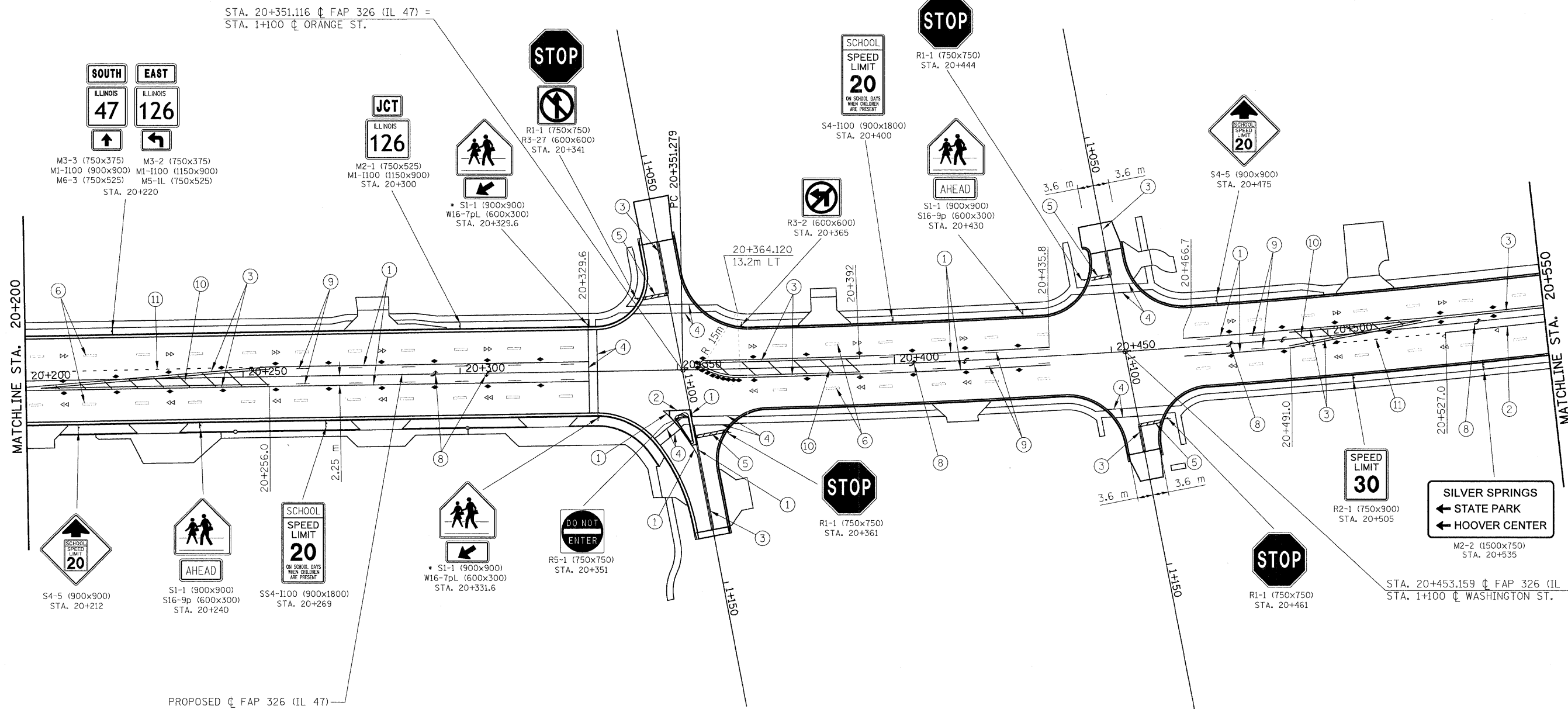
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 556pm\_&\_signs\_47\_07.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	557
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

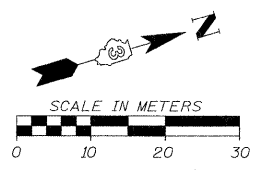


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



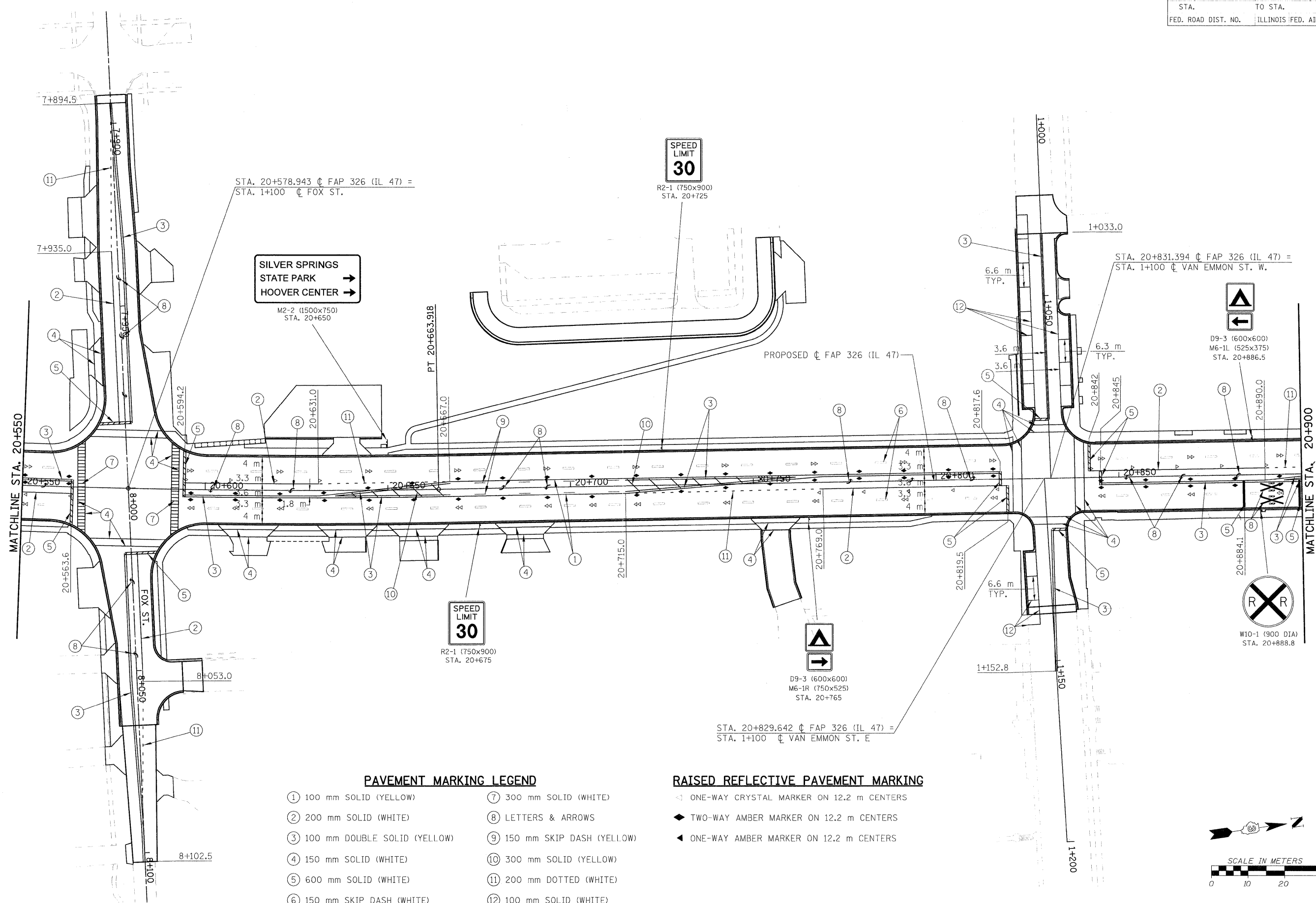
FILE: 557pm\_&\_signs\_47\_08.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

\* PEDESTRIAN CROSSING SIGN SHALL BE A WIRELESS, PUSH BUTTON ACTIVATED, SOLAR POWERED BLINKING SIGN. SEE SPECIAL PROVISIONS FOR DETAILS.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	558
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



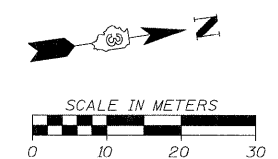
SILVER SPRINGS STATE PARK  
 HOOVER CENTER

**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

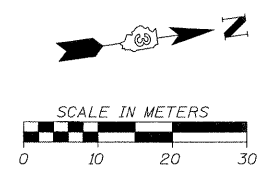
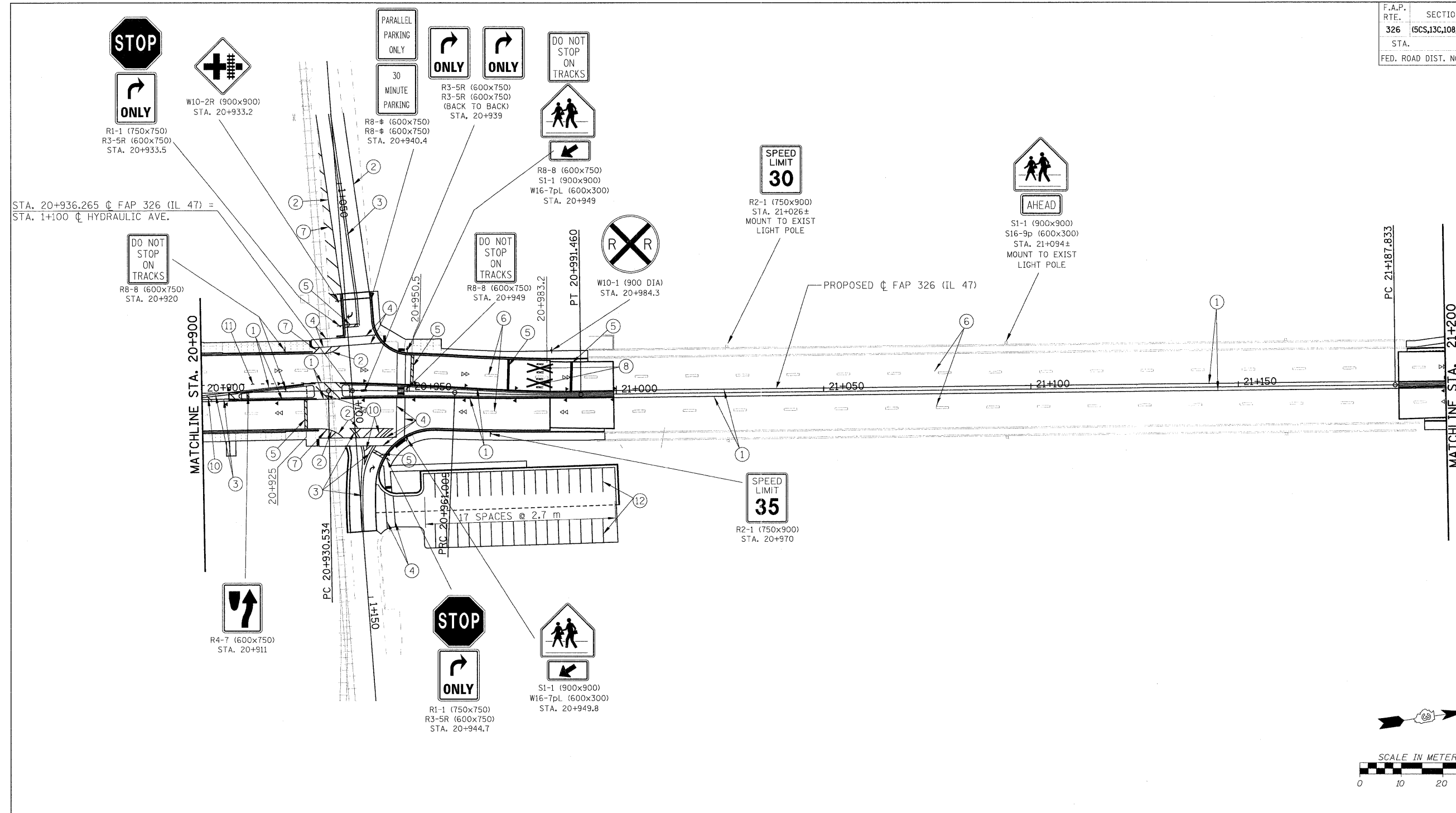
- ◀ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 5566pm\_&\_signs\_47\_09.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	559
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

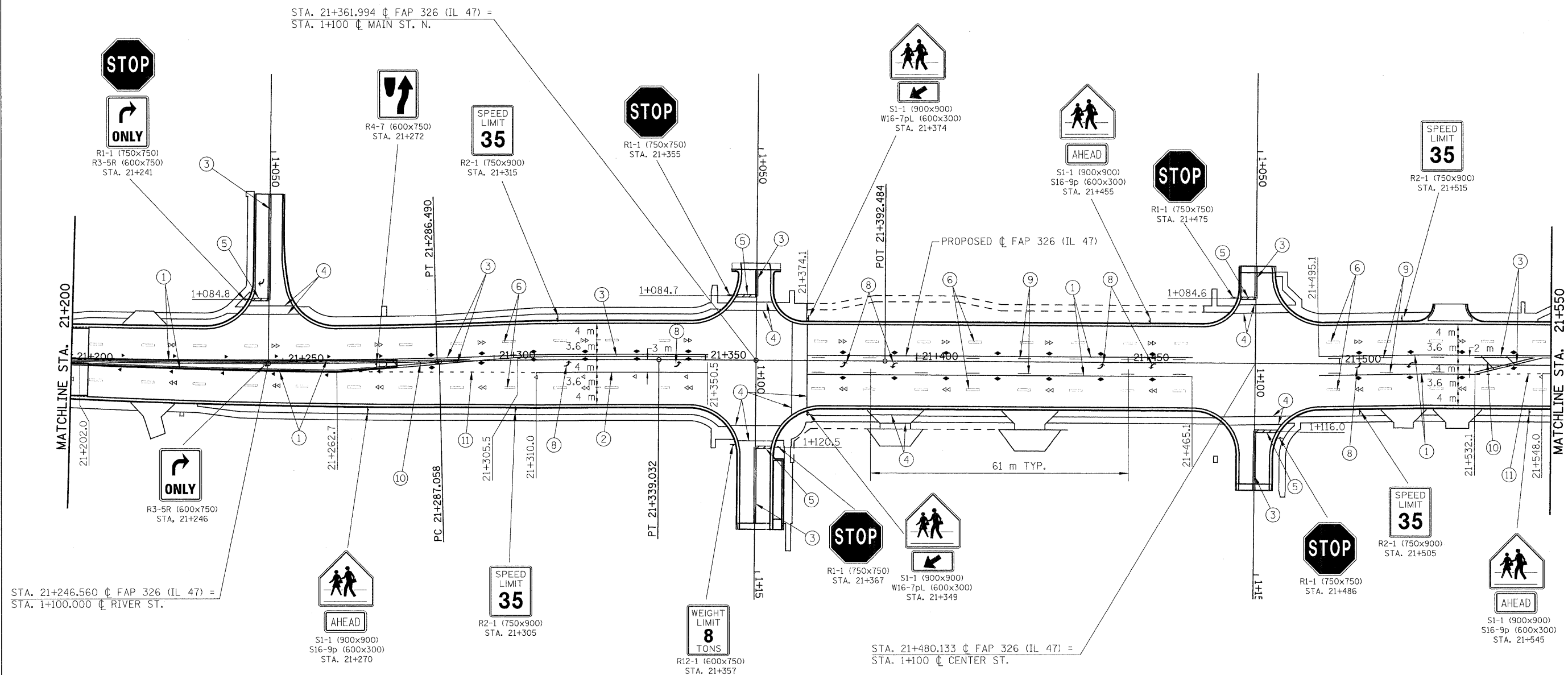
**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

FILE: 559pm\_&\_signs\_47\_10.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

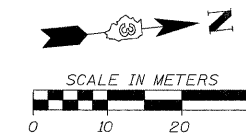
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109R)	KENDALL	931	560
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

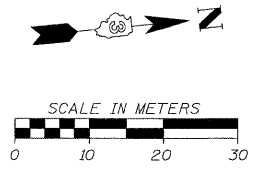
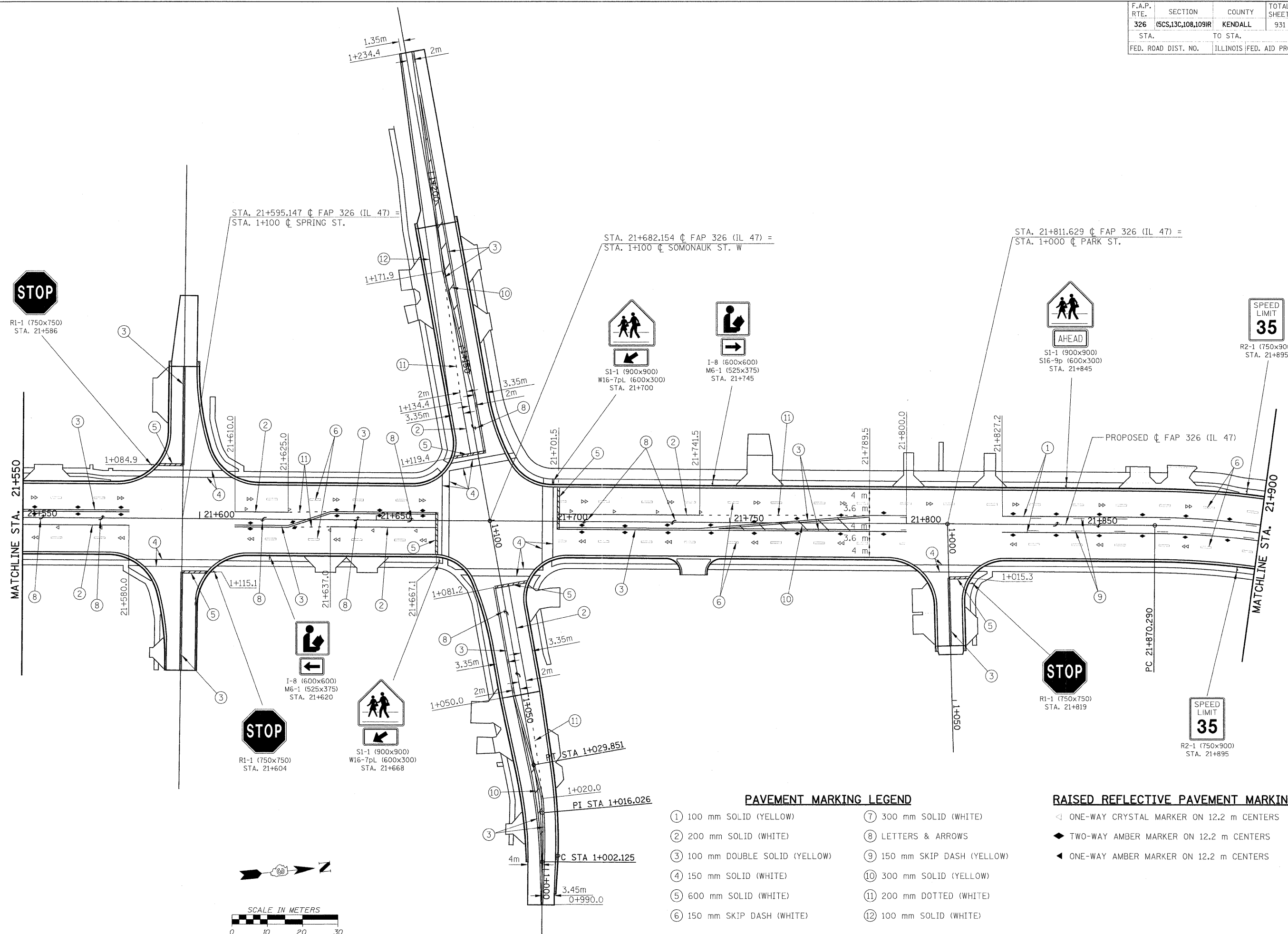
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 560pm\_&\_signs\_47\_11.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

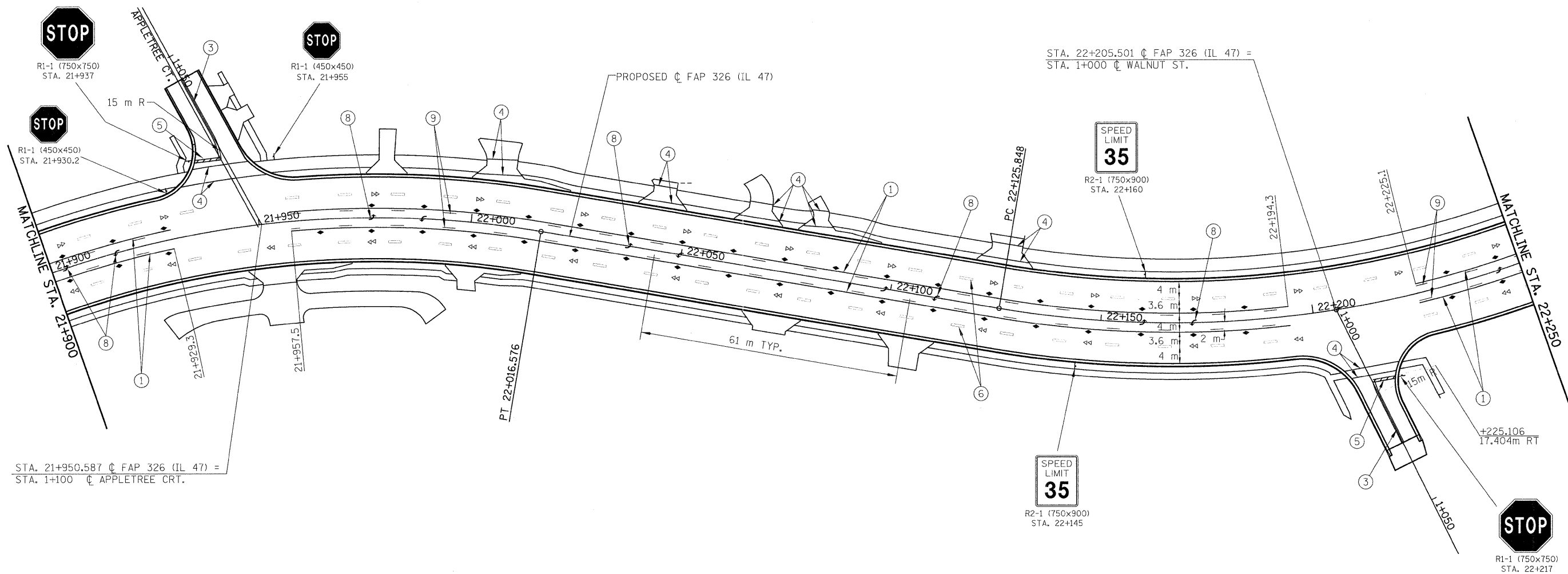
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	561
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FILE: 561pm\_&\_signs\_47\_112.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	562
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



STA. 21+950.587 C FAP 326 (IL 47) =  
STA. 1+100 C APPLETREE CRT.

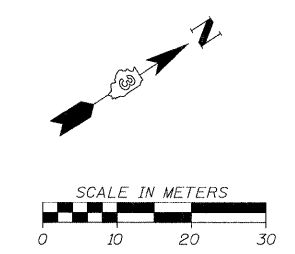
STA. 22+205.501 C FAP 326 (IL 47) =  
STA. 1+000 C WALNUT ST.

**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

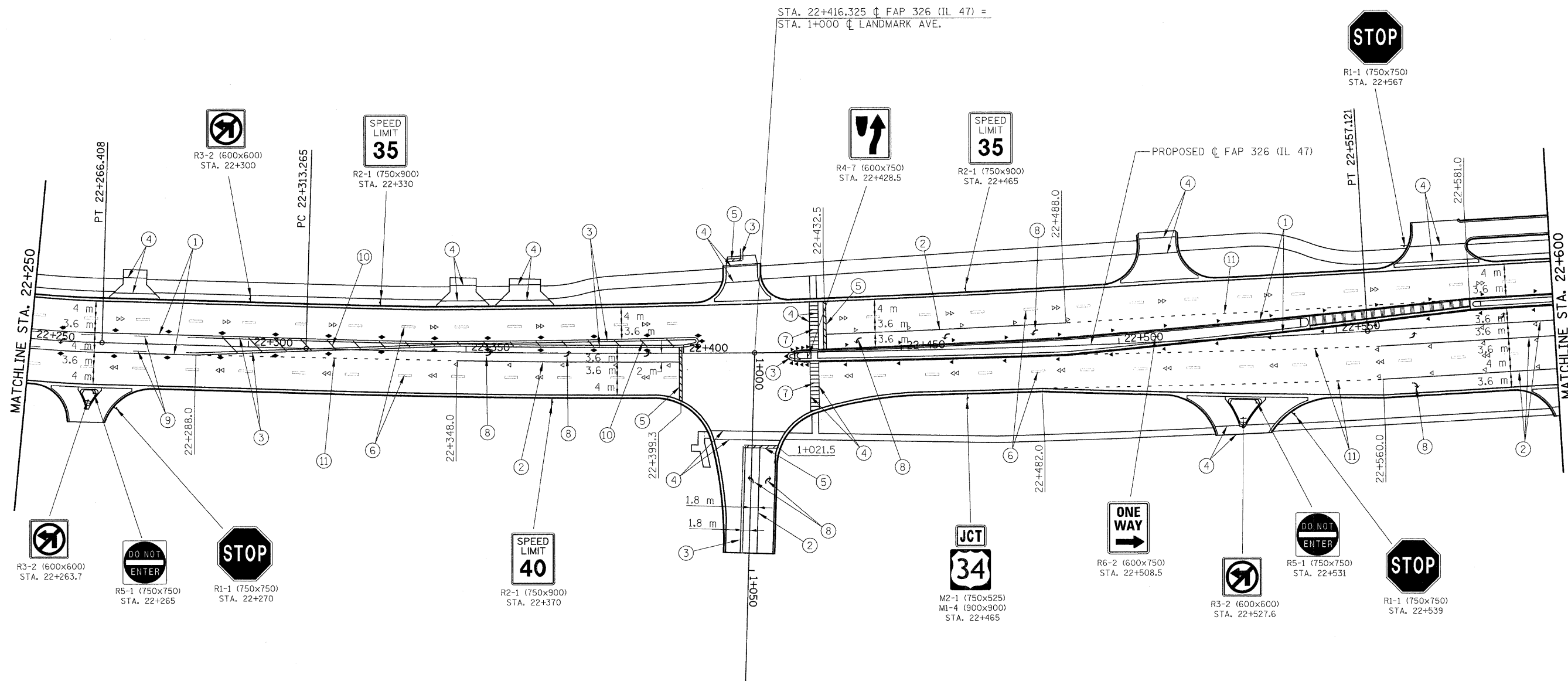
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◄ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 562pm-&-signs-47-13.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,10B,109R)	KENDALL	931	563
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

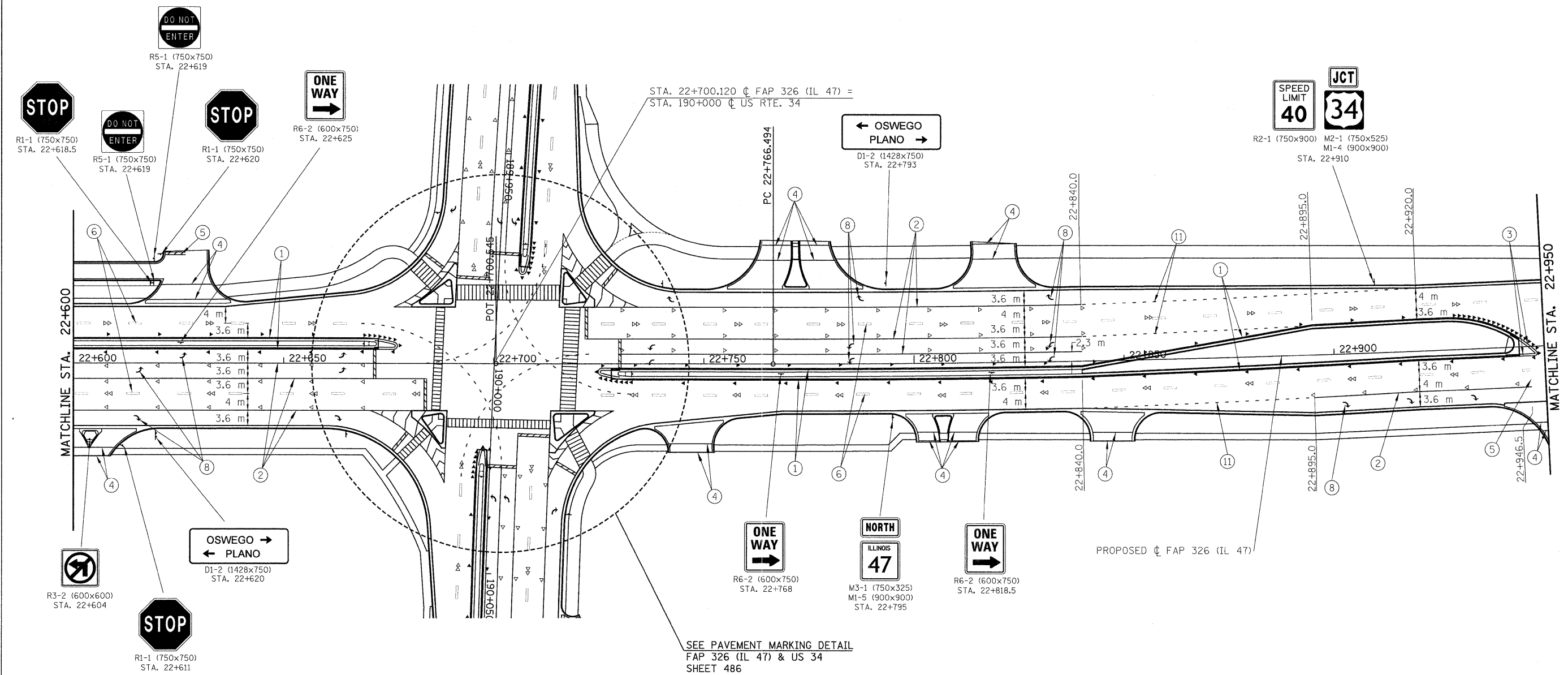
**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

FILE: 563pm\_&\_signs\_47\_14.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	564
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

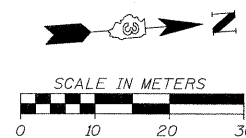


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

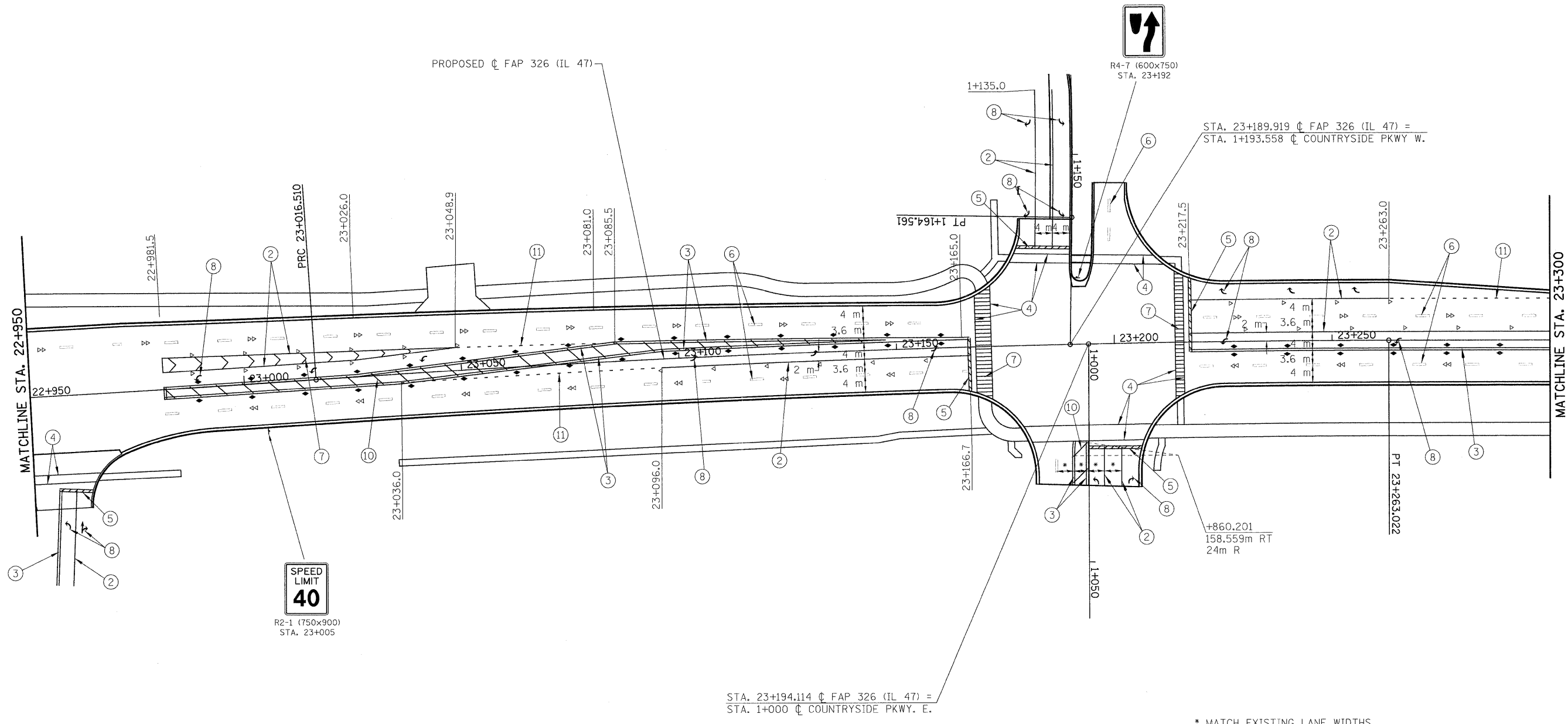
- ◀ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 564pm\_&\_signs\_47\_15.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	565
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

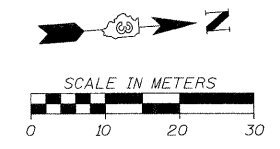


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

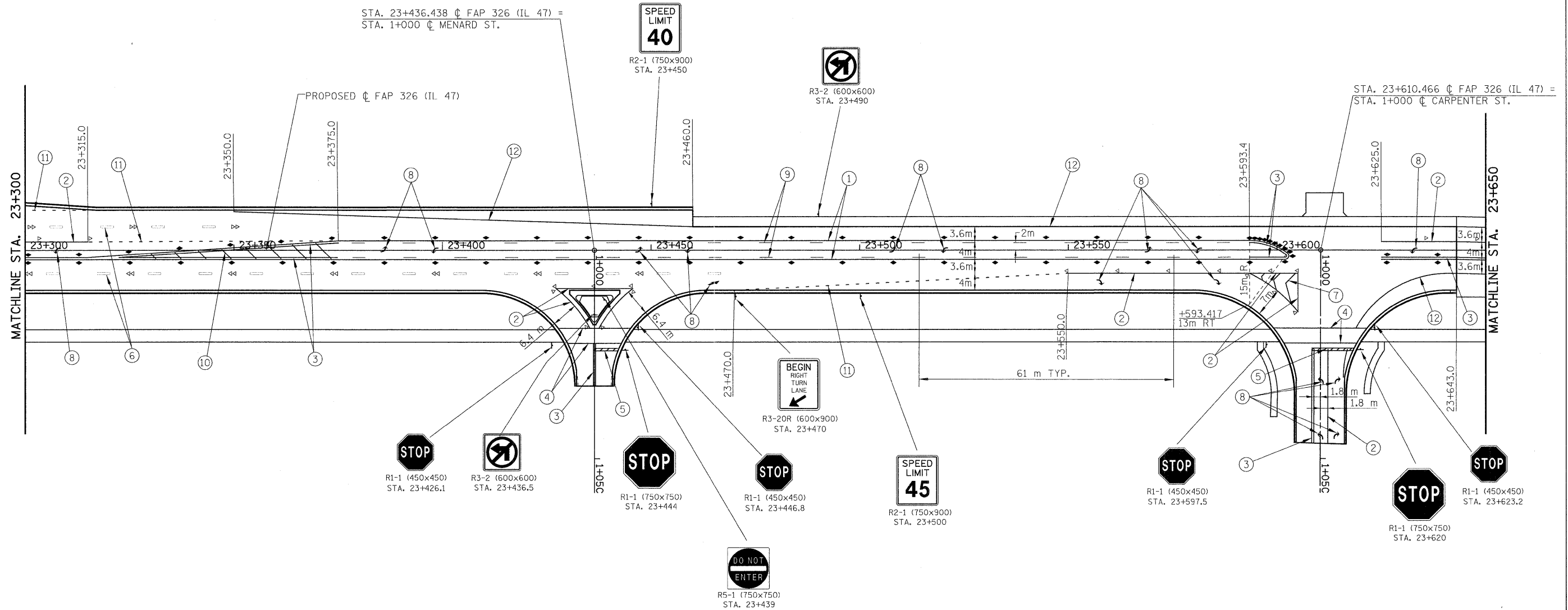


FILE: 565pm- & signs-47\_16.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	566
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

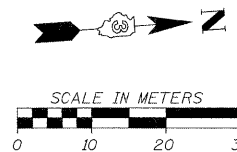


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

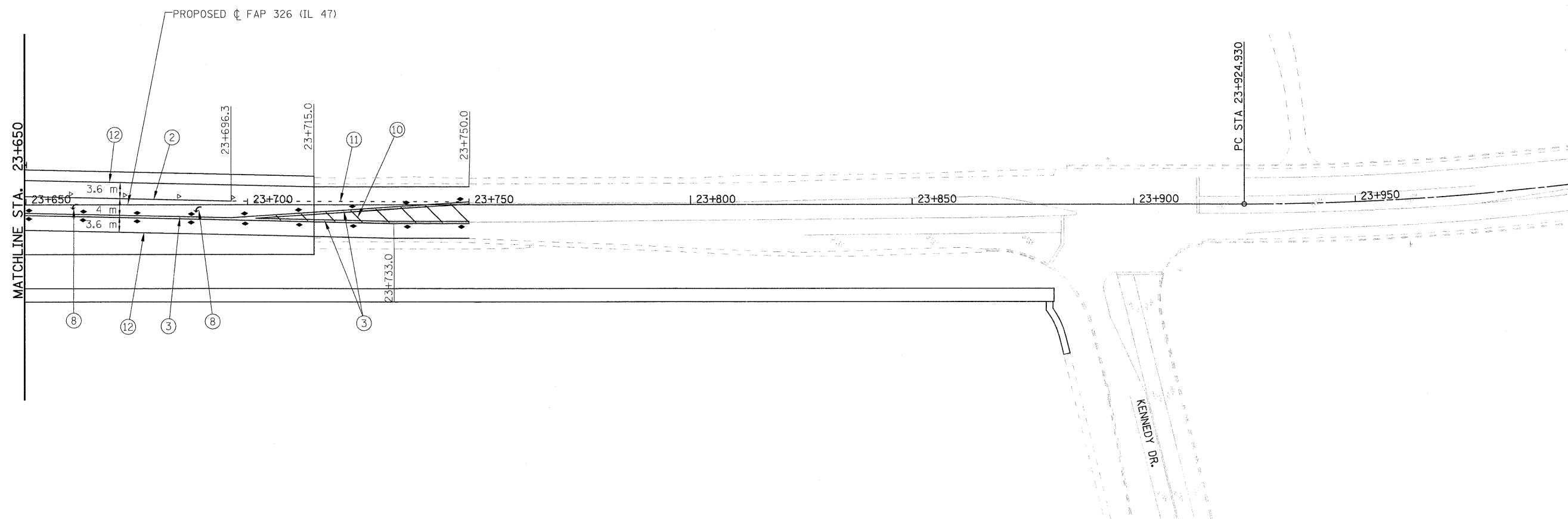
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 5666m- & signs-47.17.dgn  
PLOTTED: 8/11/2011

HMC JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	567
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

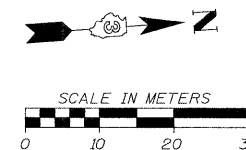


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

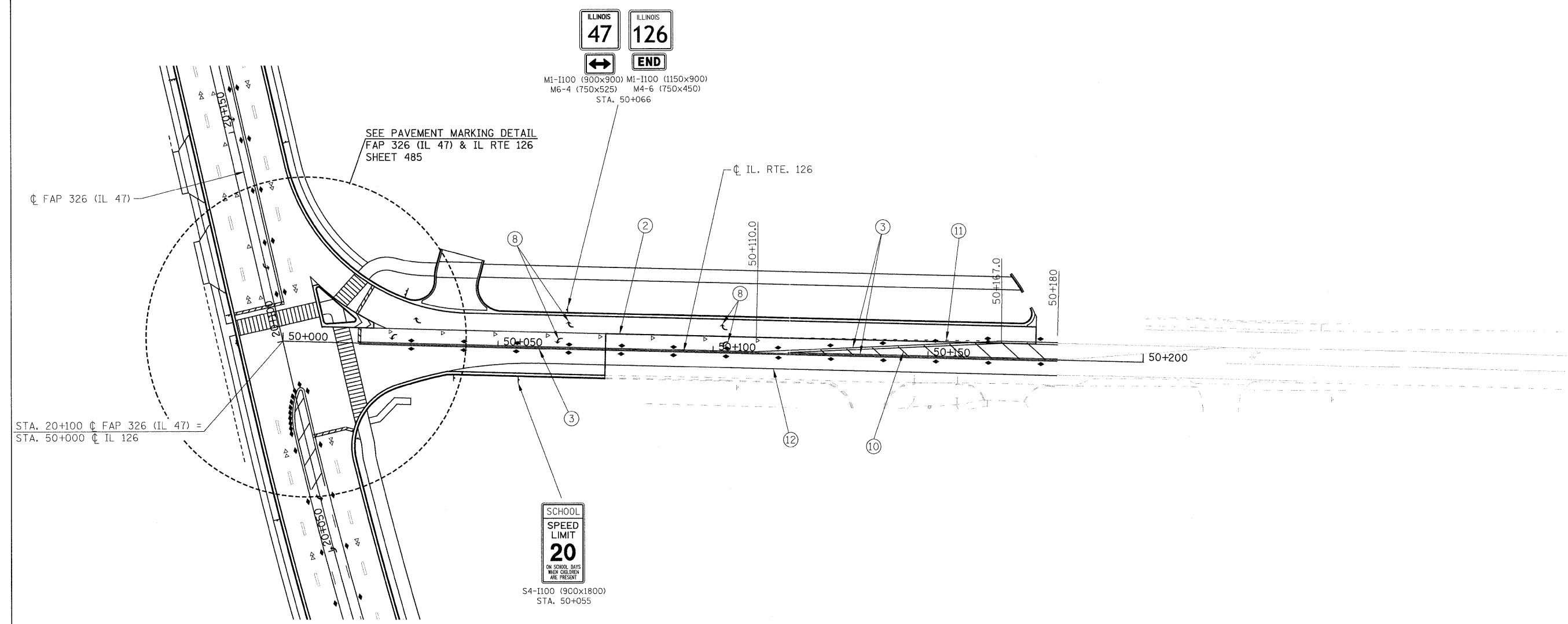
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 567pm\_&\_signs\_47\_18.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	568
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

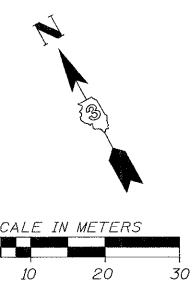


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

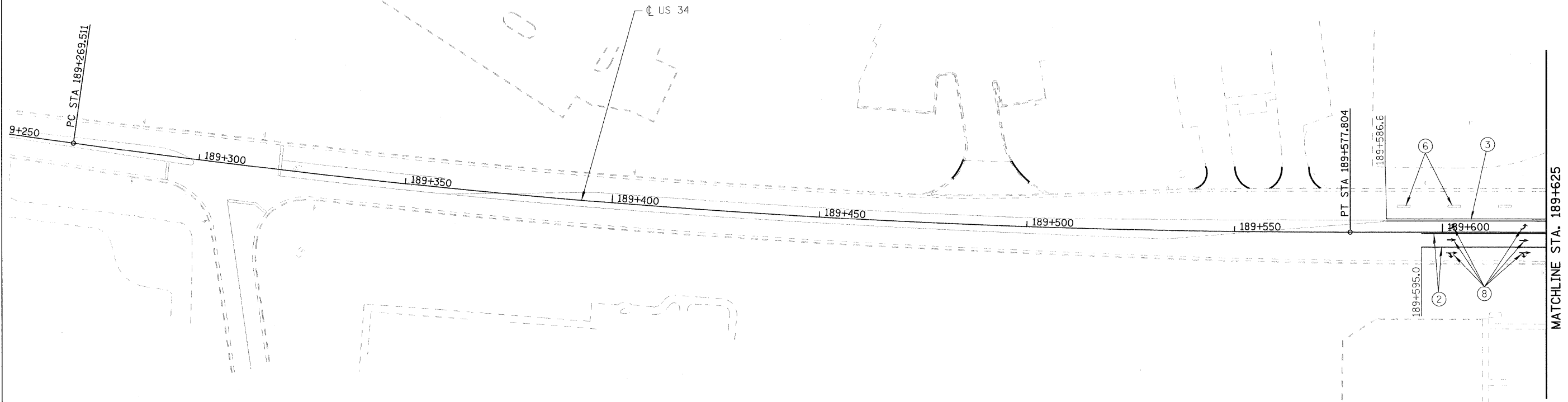
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 568pm\_&\_signs\_126.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	569
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

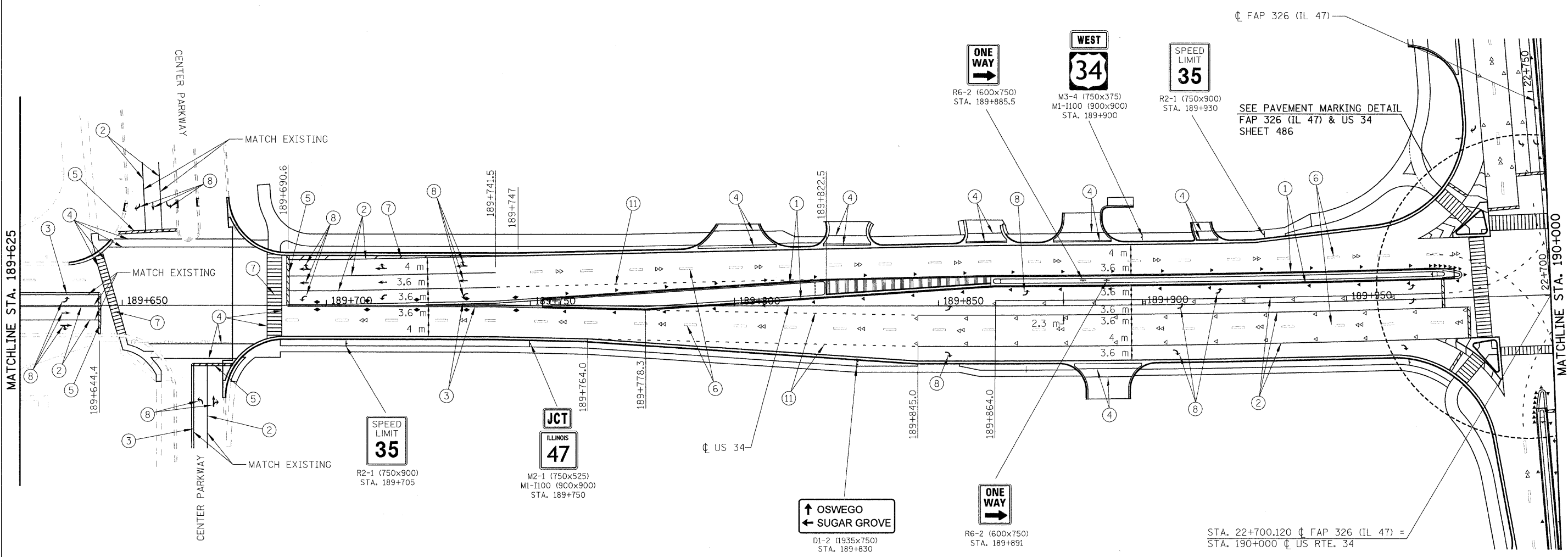
**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

FILE: 569pm\_&\_signs\_34\_01.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	570
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

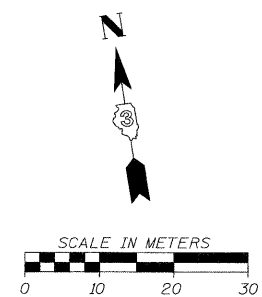


**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

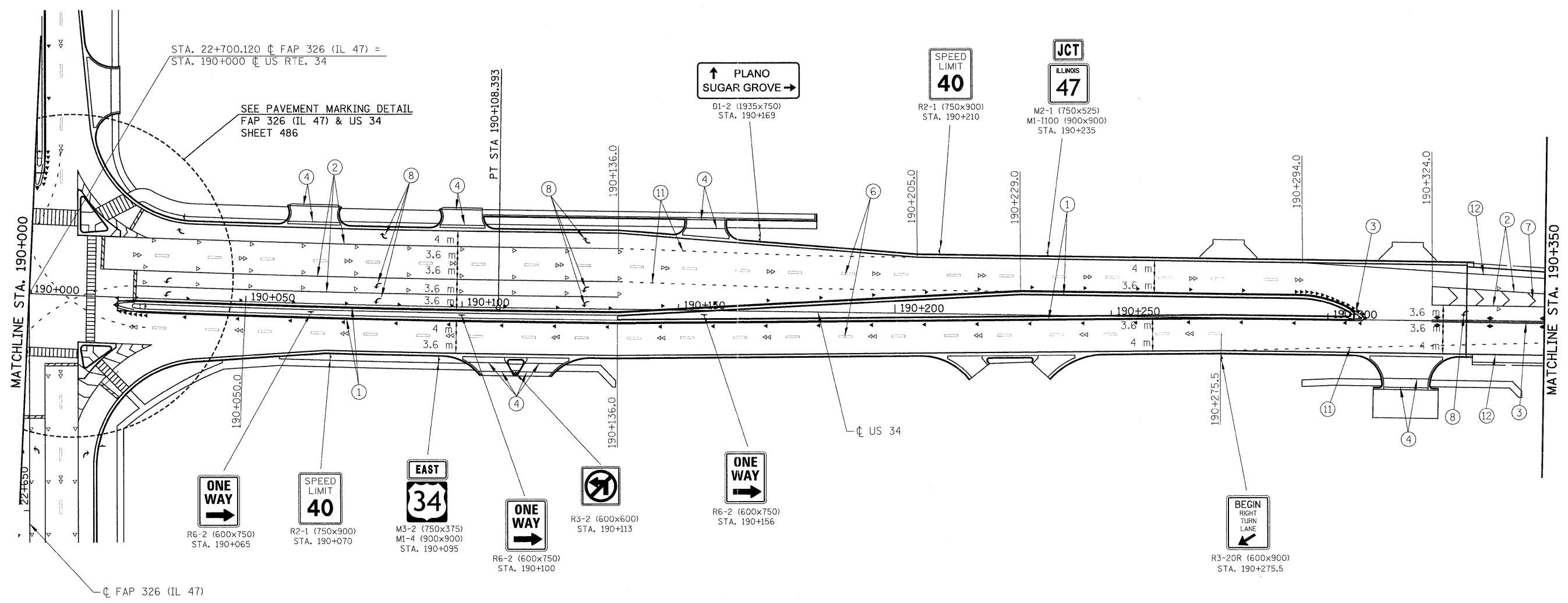
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 570pm\_&\_signs\_34\_02.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109)R	KENDALL	931	571
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



STA. 22+700.120  $\bar{C}$  FAP 326 (IL 47) =  
STA. 190+000  $\bar{C}$  US RTE. 34

SEE PAVEMENT MARKING DETAIL  
FAP 326 (IL 47) & US 34  
SHEET 486

↑ PLANO  
SUGAR GROVE →

SPEED  
LIMIT  
40

JCT  
ILLINOIS  
47

ONE WAY  
→  
R6-2 (600x750)  
STA. 190+065

SPEED  
LIMIT  
40  
R2-1 (750x900)  
STA. 190+070

EAST  
34  
M3-2 (750x375)  
MI-4 (900x900)  
STA. 190+095

ONE WAY  
→  
R6-2 (600x750)  
STA. 190+100

R3-2 (600x600)  
STA. 190+113

ONE WAY  
→  
R6-2 (600x750)  
STA. 190+156

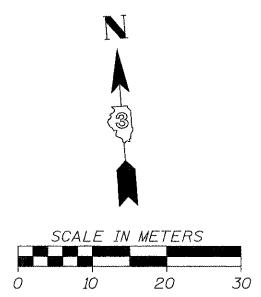
BEGIN  
RIGHT  
TURN  
LANE  
←  
R3-20R (600x900)  
STA. 190+275.5

**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

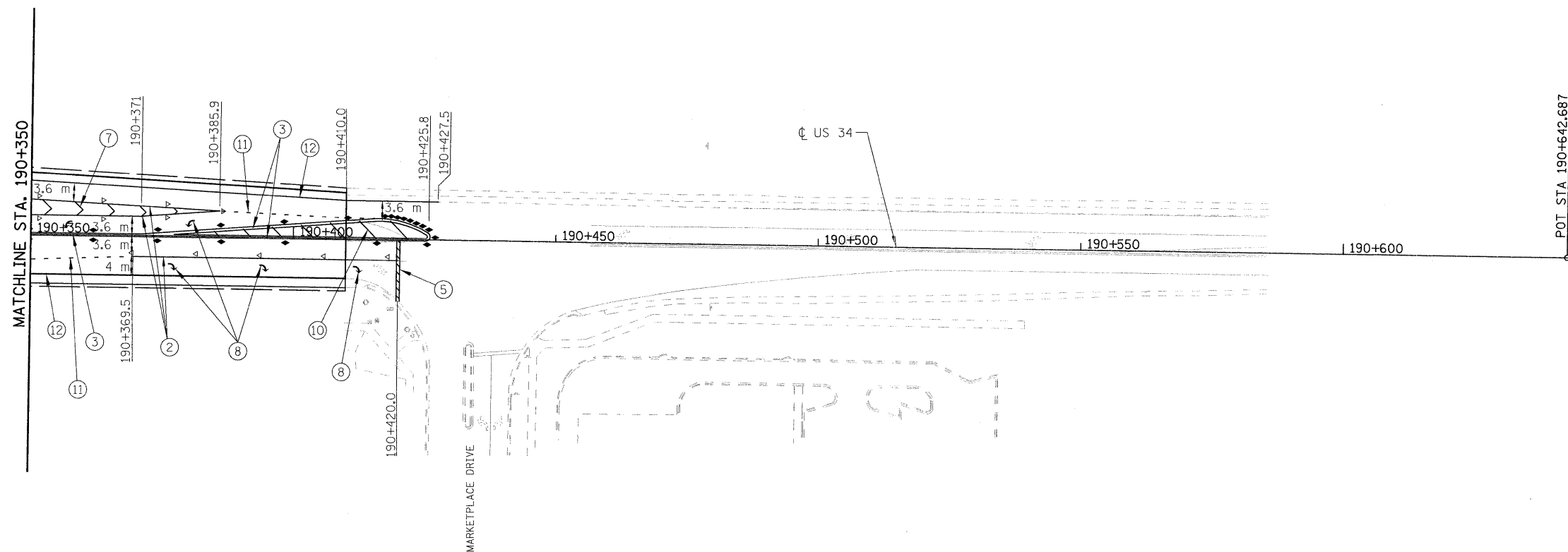
- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◄ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 571em-&-signs\_34\_03.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	572
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

- |                                |                             |
|--------------------------------|-----------------------------|
| ① 100 mm SOLID (YELLOW)        | ⑦ 300 mm SOLID (WHITE)      |
| ② 200 mm SOLID (WHITE)         | ⑧ LETTERS & ARROWS          |
| ③ 100 mm DOUBLE SOLID (YELLOW) | ⑨ 150 mm SKIP DASH (YELLOW) |
| ④ 150 mm SOLID (WHITE)         | ⑩ 300 mm SOLID (YELLOW)     |
| ⑤ 600 mm SOLID (WHITE)         | ⑪ 200 mm DOTTED (WHITE)     |
| ⑥ 150 mm SKIP DASH (WHITE)     | ⑫ 100 mm SOLID (WHITE)      |

**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS



FILE: 572pm- & signs-34\_04.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	573
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**PAVEMENT MARKING LEGEND**

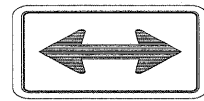
- ① 100 mm SOLID (YELLOW)
- ② 200 mm SOLID (WHITE)
- ③ 100 mm DOUBLE SOLID (YELLOW)
- ④ 150 mm SOLID (WHITE)
- ⑤ 600 mm SOLID (WHITE)
- ⑥ 150 mm SKIP DASH (WHITE)
- ⑦ 300 mm SOLID (WHITE)
- ⑧ LETTERS & ARROWS
- ⑨ 150 mm SKIP DASH (YELLOW)
- ⑩ 300 mm SOLID (YELLOW)
- ⑪ 200 mm DOTTED (WHITE)
- ⑫ 100 mm SOLID (WHITE)

**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

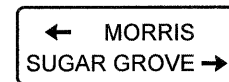


M3-3 (750x375) M3-2 (750x375)  
 M1-1100 (900x900) M1-1100 (1150x900)  
 M6-3 (750x525) M6-1L (750x525)  
 STA. 20+109



W1-7 (1200x600)  
 STA. 20+102

STA. 20+100 & FAP 326 (IL 47) =  
 STA. 50+000 & IL. RTE. 126



D1-2 (1935x750)  
 STA. 50+028



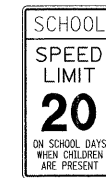
M1-1100 (900x900) M1-1100 (1150x900)  
 M6-4 (750x525) M4-6 (900x450)  
 STA. 50+066



M3-3 (750x375)  
 M1-1100 (900x900)  
 STA. 20+060



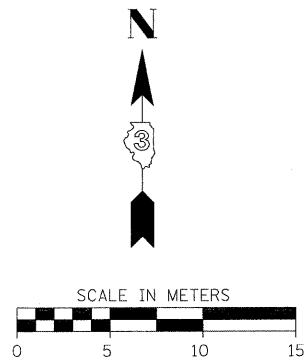
M3-2 (750x375)  
 M1-1100 (1150x900)  
 STA. 50+040



S4-1100 (900x1800)  
 STA. 50+055



M3-1 (750x375) M3-2 (750x375)  
 M1-1100 (900x900) M1-1100 (1150x900)  
 M6-3 (750x525) M6-1R (750x525)  
 STA. 20+074



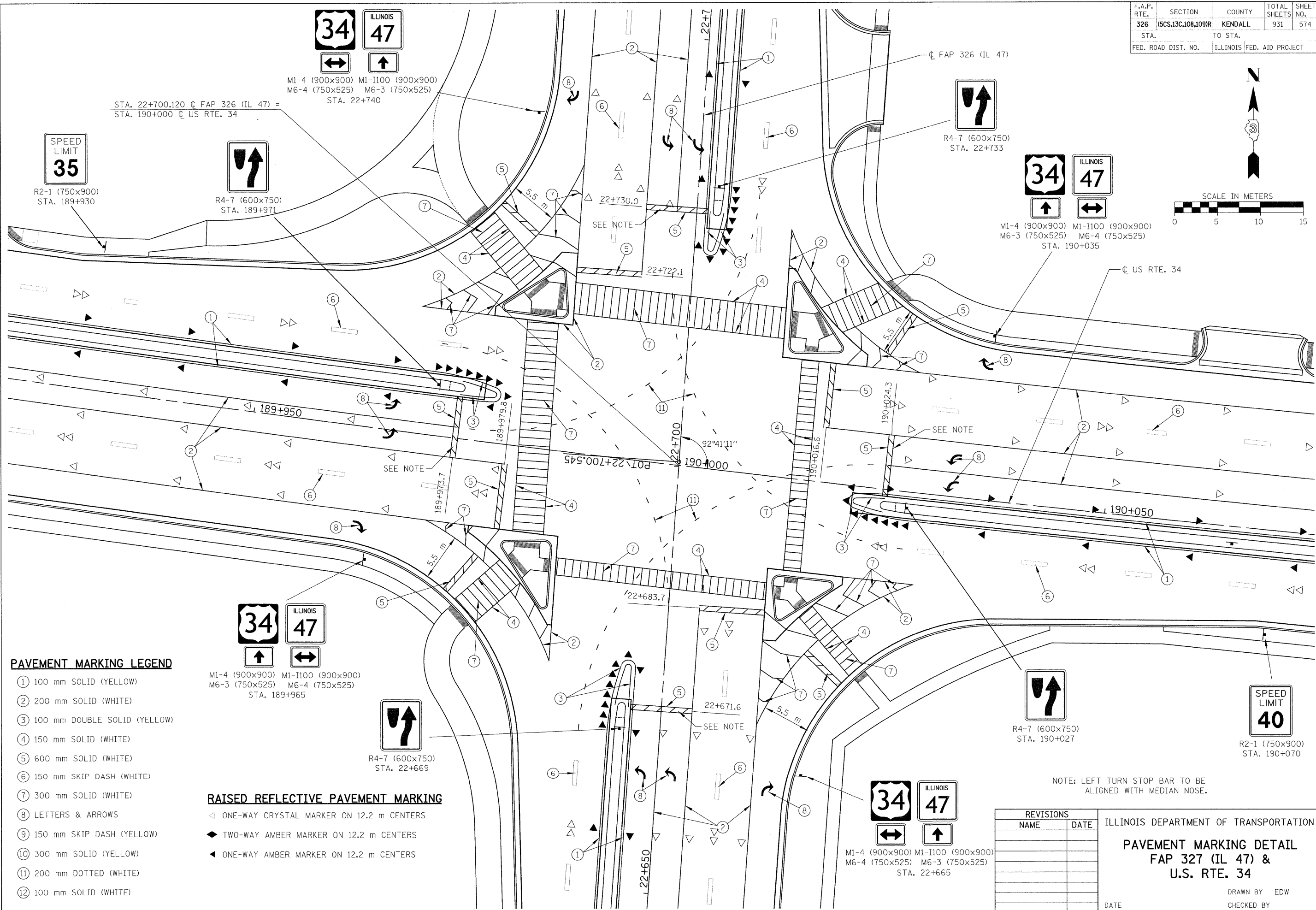
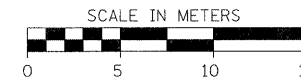
FILE: 573pm\_&-signs\_126.rvt.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 582

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING DETAIL FAP 327 (IL 47) & IL. RTE 126
NAME	DATE	
		DRAWN BY EDW CHECKED BY DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	574
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 22+700.120  $\phi$  FAP 326 (IL 47) =  
STA. 190+000  $\phi$  US RTE. 34

M1-4 (900x900) M1-1100 (900x900)  
M6-4 (750x525) M6-3 (750x525)  
STA. 22+740

SPEED LIMIT  
**35**

R2-1 (750x900)  
STA. 189+930

R4-7 (600x750)  
STA. 189+971

R4-7 (600x750)  
STA. 22+733

34 47  
↑ ↓

M1-4 (900x900) M1-1100 (900x900)  
M6-3 (750x525) M6-4 (750x525)  
STA. 190+035

$\phi$  US RTE. 34

34 47  
↑ ↓

M1-4 (900x900) M1-1100 (900x900)  
M6-3 (750x525) M6-4 (750x525)  
STA. 189+965

R4-7 (600x750)  
STA. 22+669

R4-7 (600x750)  
STA. 190+027

SPEED LIMIT  
**40**

R2-1 (750x900)  
STA. 190+070

NOTE: LEFT TURN STOP BAR TO BE  
ALIGNED WITH MEDIAN NOSE.

**PAVEMENT MARKING LEGEND**

- ① 100 mm SOLID (YELLOW)
- ② 200 mm SOLID (WHITE)
- ③ 100 mm DOUBLE SOLID (YELLOW)
- ④ 150 mm SOLID (WHITE)
- ⑤ 600 mm SOLID (WHITE)
- ⑥ 150 mm SKIP DASH (WHITE)
- ⑦ 300 mm SOLID (WHITE)
- ⑧ LETTERS & ARROWS
- ⑨ 150 mm SKIP DASH (YELLOW)
- ⑩ 300 mm SOLID (YELLOW)
- ⑪ 200 mm DOTTED (WHITE)
- ⑫ 100 mm SOLID (WHITE)

**RAISED REFLECTIVE PAVEMENT MARKING**

- ◁ ONE-WAY CRYSTAL MARKER ON 12.2 m CENTERS
- ◆ TWO-WAY AMBER MARKER ON 12.2 m CENTERS
- ◀ ONE-WAY AMBER MARKER ON 12.2 m CENTERS

REVISIONS	
NAME	DATE

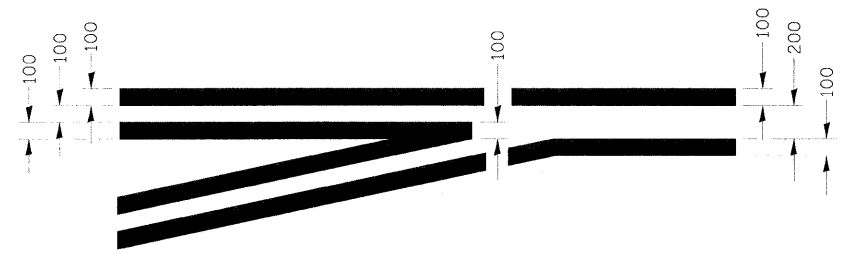
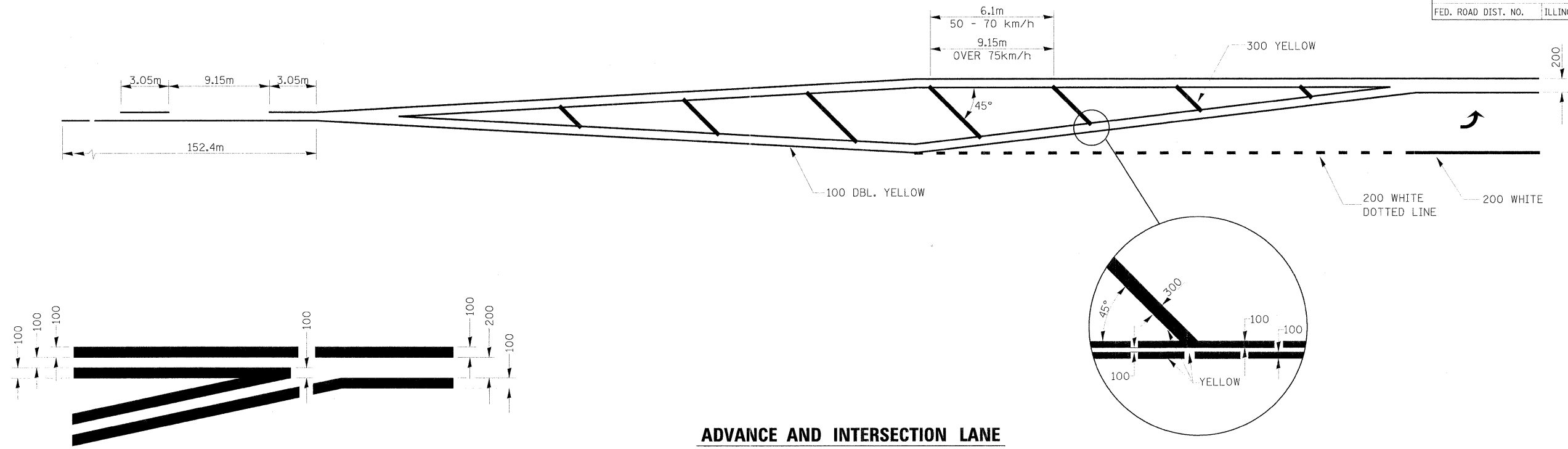
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAIL**  
FAP 327 (IL 47) &  
U.S. RTE. 34

DATE \_\_\_\_\_  
DRAWN BY EDW  
CHECKED BY \_\_\_\_\_

FILE: 574pm\_&\_signs\_34.mtd.dgn  
PLOTTED: 8/11/2011

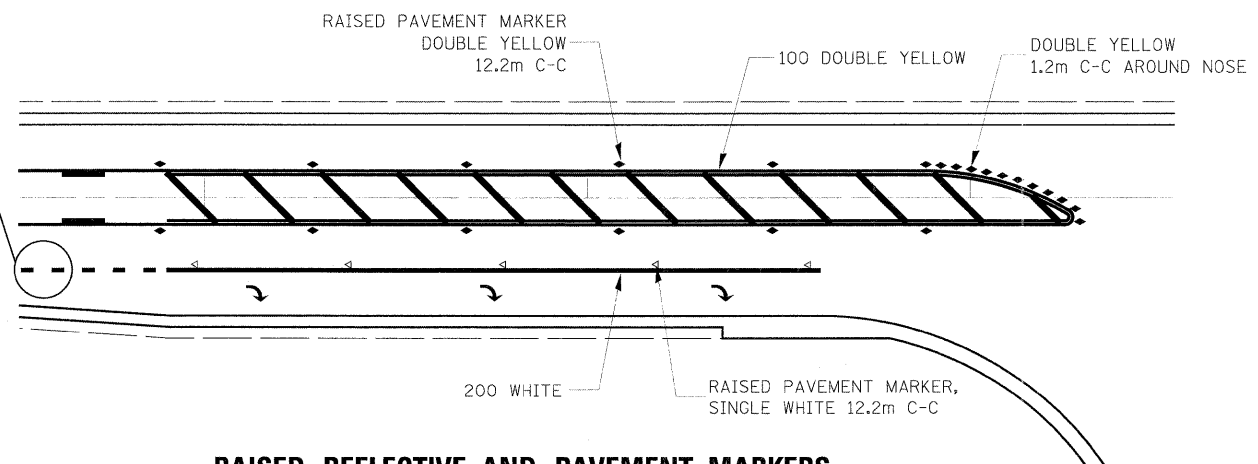
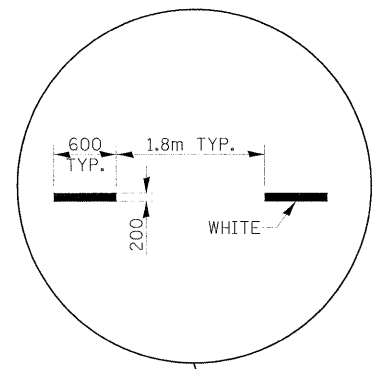
HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	575
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**TYPICAL APPLICATION @ LEFT TURN LANES**

**ADVANCE AND INTERSECTION LANE DIVIDER LINES**



**RAISED REFLECTIVE AND PAVEMENT MARKERS @ RIGHT TURN LANE**

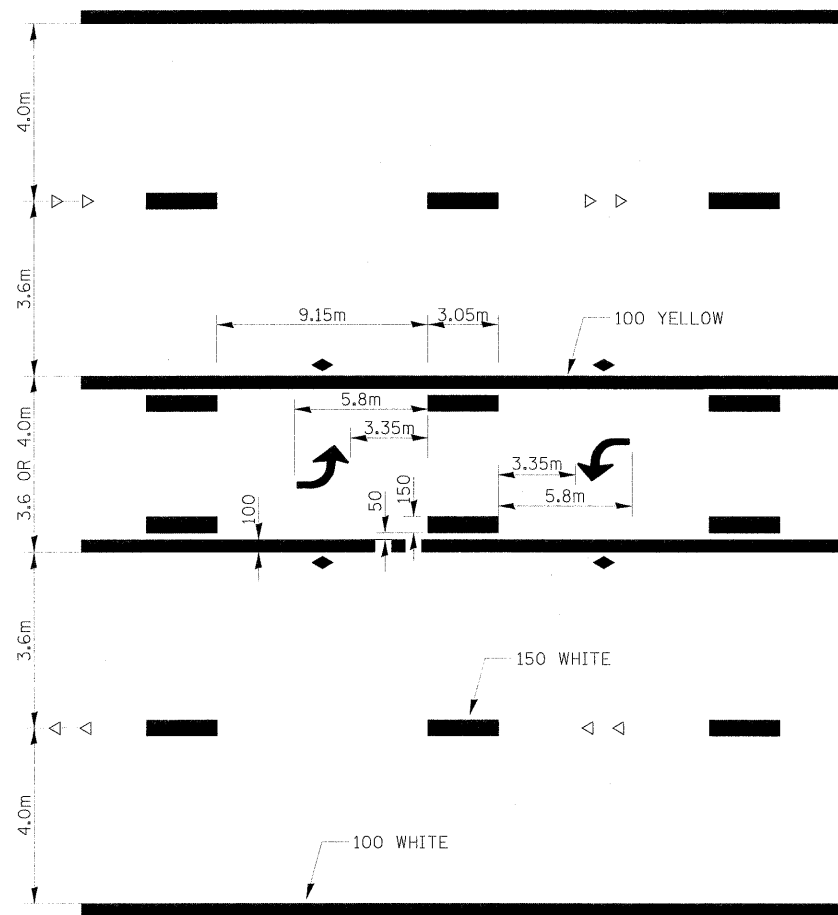
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING DETAILS  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

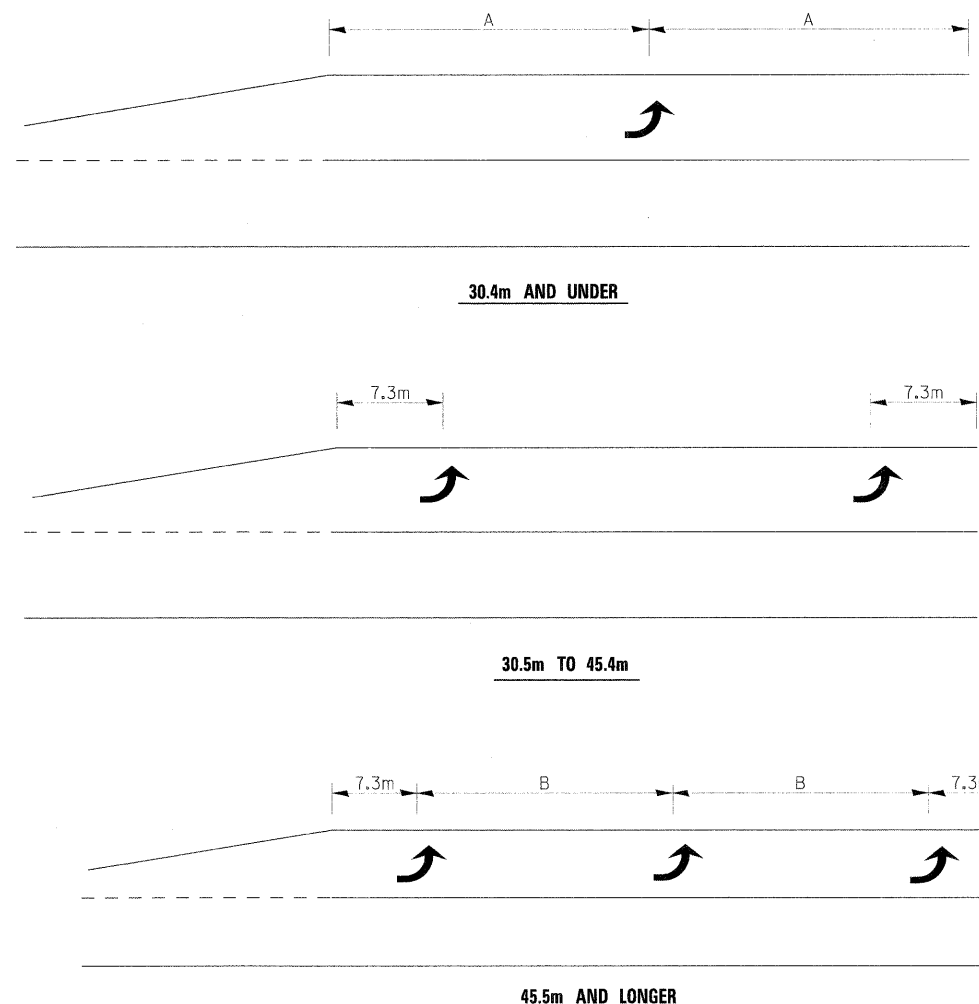
FILE: 575-578pm\_details.dgn  
 PLOTTED: 8/11/2011

HMG JOB NO. 5122

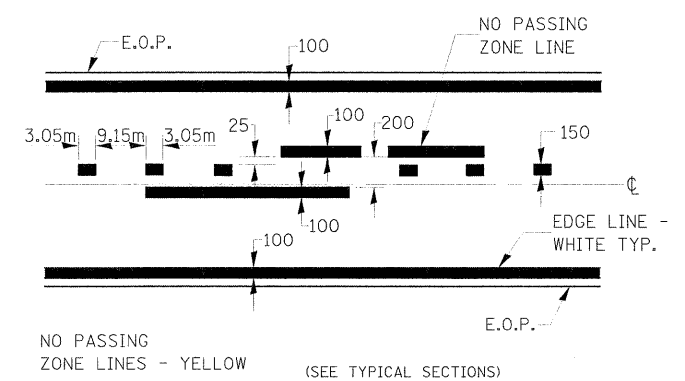
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	576
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



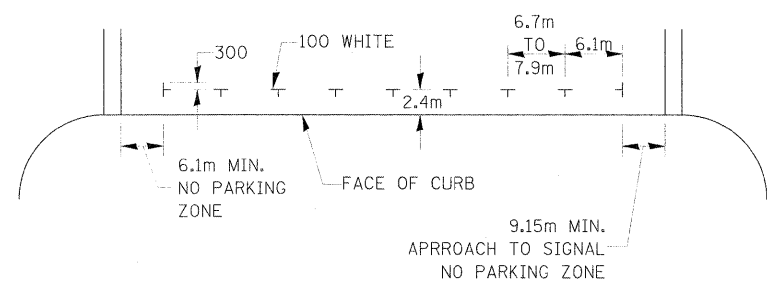
**TYPICAL APPLICATION @ TWO WAY LEFT TURN LANE (TWLTL)**



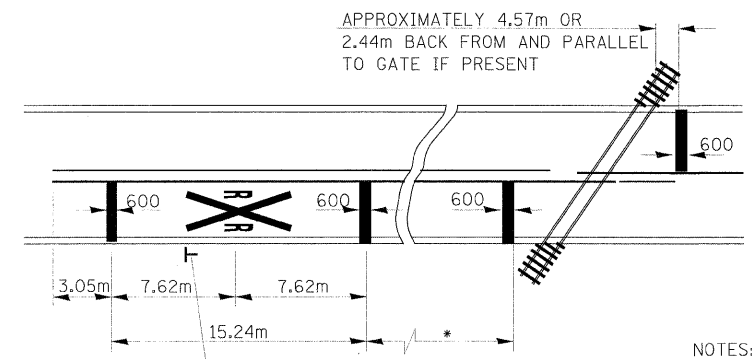
**TYPICAL PLACEMENT OF ARROWS IN TURN LANES**



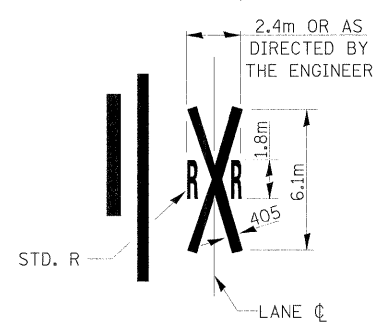
**PAVEMENT MARKING**



**TYPICAL PARKING SPACING**



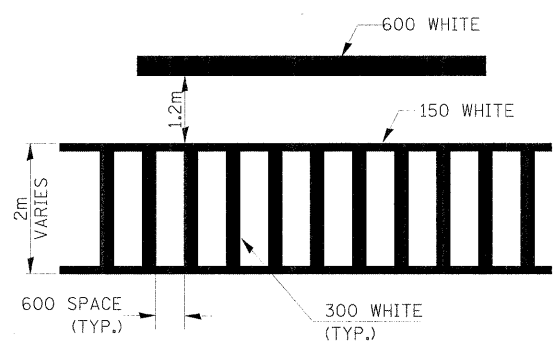
**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



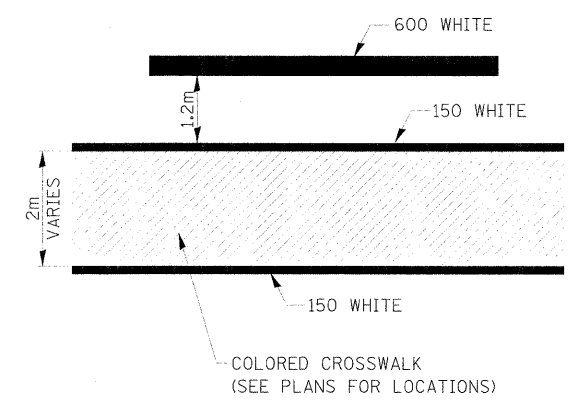
NOTES:  
THE TRANSVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1).



**TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS**



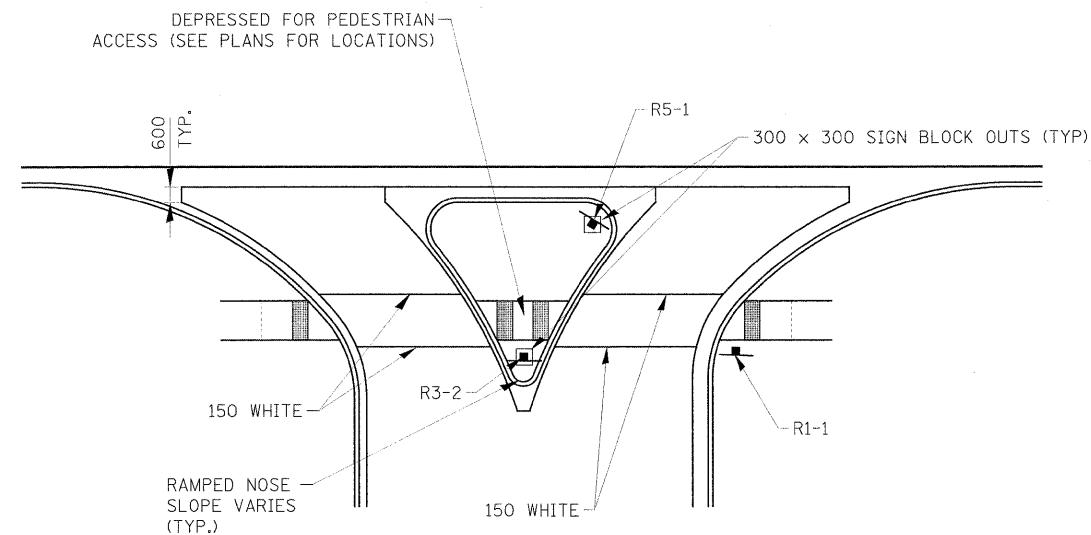
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_

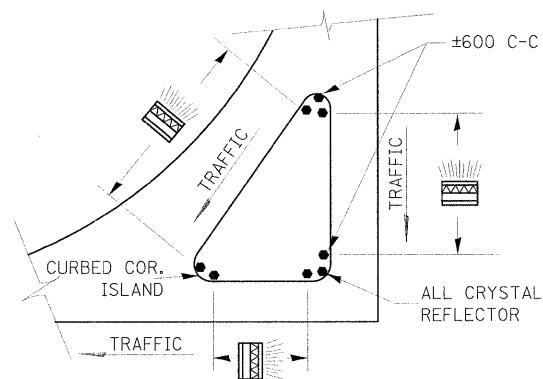
FILE: 575-578pm\_details.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

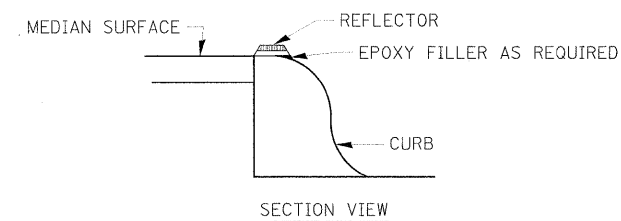
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(5CS,13C,108,109)R	KENDALL	931	577
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**RIGHT IN RIGHT OUT ACCESS SIGN BLOCKOUT DETAIL**



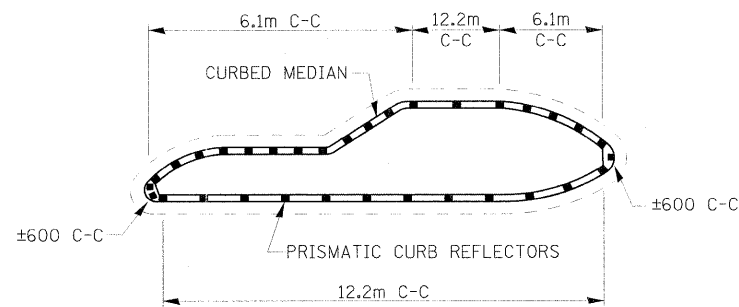
**PRISMATIC REFLECTORS**



SECTION VIEW

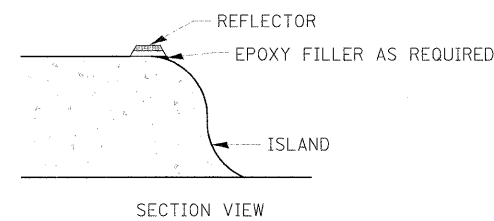
**NOTES**

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



1. PRISMATIC REFLECTORS SHALL BE BI-DIRECTIONAL.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE AMBER IN COLOR.

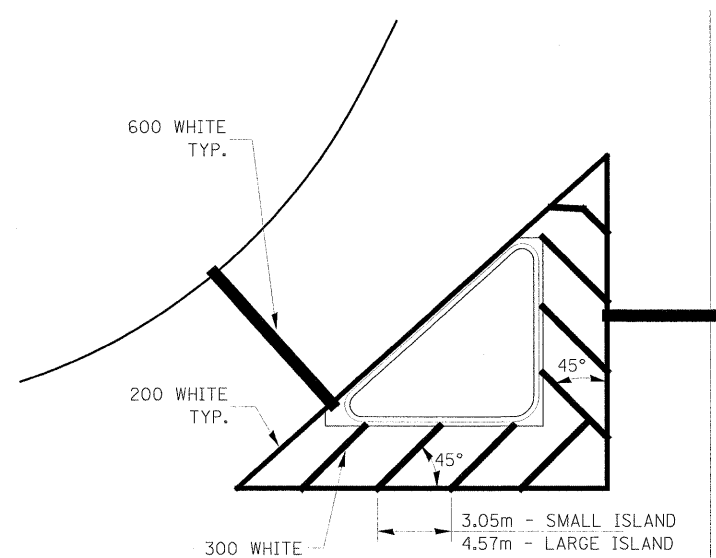
**PRISMATIC CURB REFLECTORS AT CURB MEDIANS**



SECTION VIEW

**NOTES**

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



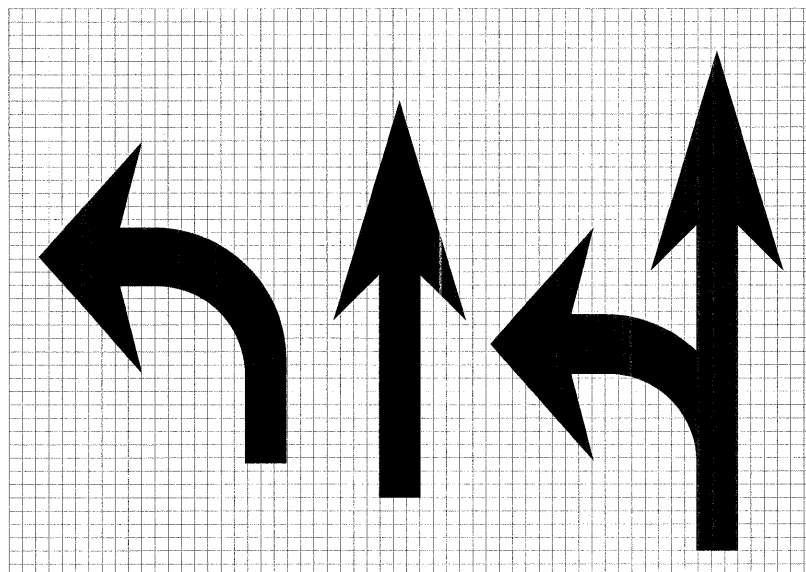
**TYPICAL ISLAND**

FILE: 575-578pm\_details.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>PAVEMENT MARKING DETAILS</p> <p>DRAWN BY _____</p> <p>CHECKED BY _____</p> <p>DATE _____</p>

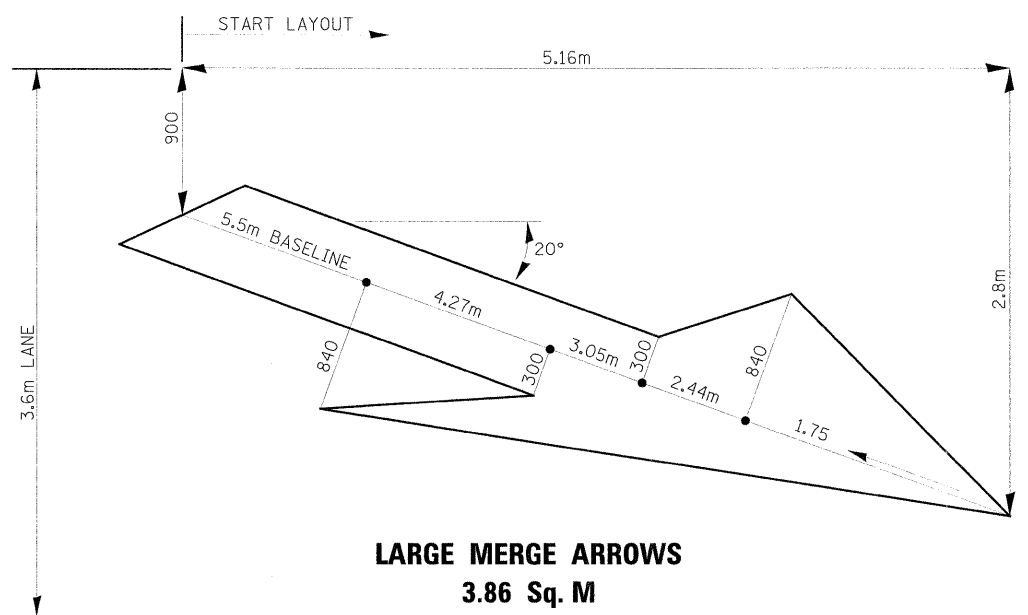
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(6CS,13C,108,109)R	KENDALL	931	578
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND HEIGHT	ARROW SIZE	a
1.8m	SMALL	74
2.4m	LARGE	96

THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 75 FOR 1.8m LEGEND AND 100 FOR 2.4m LEGEND.

**LETTER AND ARROW GRID SCALE**



**LARGE MERGE ARROWS**  
3.86 Sq. M

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING DETAILS  DRAWN BY _____ CHECKED BY _____  DATE _____

FILE: 575-578pm\_details.dgn  
PLOTTED: 8/11/2011

HMG JOB NO. 5122

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	KENDALL	931	579
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

•(5CS, 13C, 10B, 109R)

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL CONTACT THE CITY OF YORKVILLE (630) 553-4350 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
3. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (J.U.L.I.E. 800-892-0123).
4. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE POSSIBLE PRESENCE OF CITY OF YORKVILLE-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL REQUEST THE CITY OF YORKVILLE TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE CITY IS A MEMBER OF J.U.L.I.E.
5. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE POSSIBLE PRESENCE OF YORKVILLE-BRISTOL SANITARY DISTRICT-OWNED UNDERGROUND SANITARY SEWER WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL REQUEST THE DISTRICT TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DISTRICT IS NOT A MEMBER OF J.U.L.I.E.
6. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF J.U.L.I.E.
7. ALL DAMAGE TO CITY OF YORKVILLE, YORKVILLE-BRISTOL SANITARY DISTRICT, OR DEPARTMENT OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE J.U.L.I.E. NUMBER IS 800-892-0123.
10. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
12. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
13. THE MAST ARMS SHALL BE LOCATED A MINIMUM 1.8 m FROM THE FACE OF CURB OR A MINIMUM 5.5 m FROM THE EDGE OF PAVEMENT TO THE FACE OF FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, GET MORE THAN 1.8 m IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN CENTER OF LANE. SIGNAL LOCATIONS SHALL NOT INTERFERE WITH SIDEWALK OR BIKE TRAIL.
14. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INSPECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
15. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL CONDUIT PUSHED MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
16. A 6 mm DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEM.
17. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
18. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
19. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 600mm MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
20. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER AND MAINTAIN A 5 m MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
21. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
22. DOUBLE FUSED FUSE HOLDERS AND SURGE ARRESTORS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR IN THE BASE OF THE COMBINATION MAST ARM AS INCIDENTAL TO THE LIGHT FIXTURE PAY ITEM. THE LIGHT FIXTURE ON THE COMBINATION MAST ARM SHALL BE ATTACHED TO A 4.57 m ARM UNLESS SPECIFICALLY STATED OTHERWISE ELSEWHERE IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
23. BACKPLATES SHALL BE LOUVERED, FORMED PLASTIC.
24. THE DOUBLE HANDHOLE SHALL BE FURNISHED WITH RECESSED, INTEGRAL, HINGED LIDS.

**GENERAL NOTES (CONT.):**

25. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
26. ALL MAST ARM POLE BASES SHALL BE PROTECTED BY A STAINLESS STEEL MESH SCREENING AROUND THE BASEBOLTS TO PREVENT RODENT ENTRY. THE MESH SHALL BE SECURED TO THE BASE BY STAINLESS STEEL BANDING AS INCIDENTAL TO THE INDIVIDUAL MAST ARM ASSEMBLY PAY ITEM.
27. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET. THE BOTTOM OF THE CONTROLLER CABINET SHALL BE A MINIMUM OF 0.3 METERS ABOVE THE NEAREST HANDHOLE GRADE.
28. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.
29. SIGN PANELS, SIGN PANEL ASSEMBLIES, AND LIGHTING UNITS, REMOVED BY THE CONTRACTOR SHALL BE DELIVERED TO THE YORKVILLE PUBLIC WORKS YARD AT 610 TOWER LANE.
30. ALL TRAFFIC SIGNALS SHALL HAVE 300 mm SINGLE LED LENSES.
31. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
32. THE CONTRACTOR SHALL PROVIDE 1 m OF SLACK CABLE IN EACH TRAFFIC SIGNAL STRUCTURE: MAST ARM, POST, CONTROLLER, AND HANDHOLES. THE SLACK, WHICH IS IN ADDITION TO THE VERTICAL LENGTH OF CABLE DEFINED IN THE SPECIFICATIONS, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EACH CABLE. THESE REQUIREMENTS SHALL BE IN ADDITION TO THE EXTRA CABLE REQUIREMENTS AS SPECIFIED IN SECTIONS 871 AND 873 OF THE STANDARD SPECIFICATIONS.
33. THE DOUBLE HANDHOLE SHALL HAVE 4 m OF SLACK IN EACH CABLE NEATLY WOUND ON THE HOOKS. THE CABLE SHALL BE PAID FOR AT ITS INDIVIDUAL UNIT PRICE.
34. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
35. IF THERE IS A PAY ITEM, CHANGEABLE MESSAGE SIGNS ARE REQUIRED FOR BOTH DIRECTIONS. ONE WEEK PRIOR TO SIGNAL TURN-ON, THE MESSAGE SHOULD READ "NEW SIGNAL AHEAD/TURN ON DATE." FOR THREE WEEKS AFTER, THE MESSAGE SHOULD READ "NEW SIGNAL AHEAD/BE PREPARED TO STOP."
36. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
37. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
38. ALL TRAFFIC SIGNAL HEADS SHALL BE 300 mm POLYCARBONATE.
39. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
40. ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND BLACK BRACKETS.
41. ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
42. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
43. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
44. THE FIBER OPTIC CABLE SHALL BE LABELED WITH DIRECTION AND ASSIGNMENT NUMBER.



*Fred Lin*

FRED M. LIN, P.E.  
ILLINOIS REGISTERED ENGINEER NO. 062-056704  
REGISTRATION EXPIRES NOV. 30, 2011  
SHEET NOS.: 579 - 647



PREPARED BY:  
LIN ENGINEERING, LTD.  
WESTMONT, ILLINOIS  
(630) 323-5168

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
SCALE: NONE	DRAWN BY: JH
DATE: SEPTEMBER, 2005	CHECKED BY: KC



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	581
STA. N/A		TO STA. N/A		
ILLINOIS FED. AID PROJECT				
*(5CS, 13C, 108, 109R)				

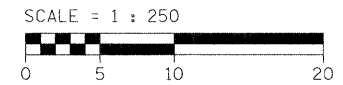
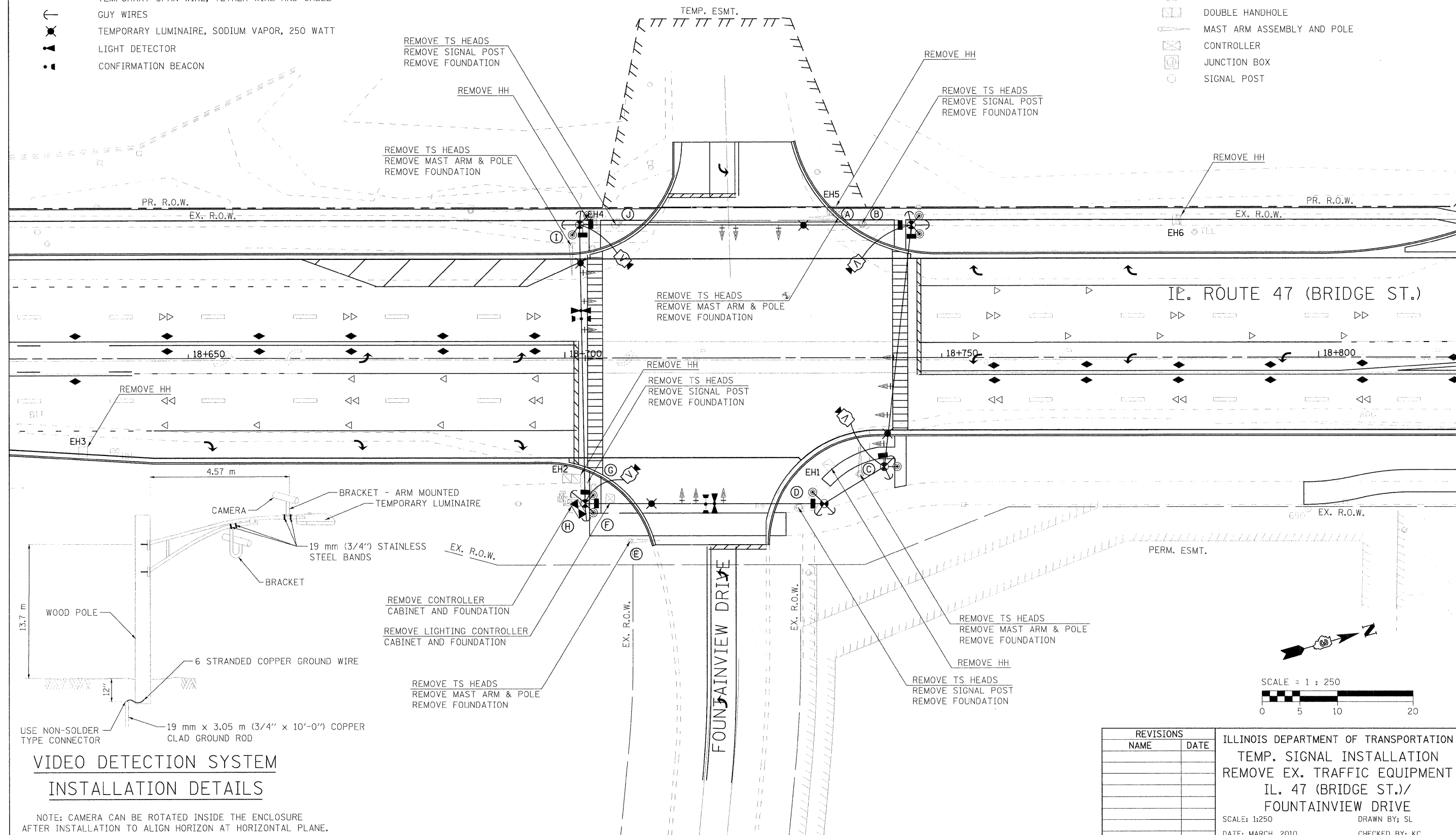
### TEMPORARY TRAFFIC SIGNAL LEGEND

- ☒ TEMPORARY CONTROLLER AND CABINET
- ⚡ TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- ⊙ TEMPORARY PEDESTRIAN PUSH-BUTTON
- ⊠ TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
- 📷 VIDEO DETECTION SYSTEM
- ⊙ TEMPORARY WOOD POLE (CLASS 5) 14 m MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- ↑ GUY WIRES
- ⚡ TEMPORARY LUMINAIRE, SODIUM VAPOR, 250 WATT
- ⚡ LIGHT DETECTOR
- CONFIRMATION BEACON

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.

### EXISTING SIGNAL LEGEND

- ☐ HANDHOLE
- ☐ DOUBLE HANDHOLE
- ⚡ MAST ARM ASSEMBLY AND POLE
- ☒ CONTROLLER
- ☐ JUNCTION BOX
- ⊙ SIGNAL POST



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMP. SIGNAL INSTALLATION  
 REMOVE EX. TRAFFIC EQUIPMENT  
 IL. 47 (BRIDGE ST.)/  
 FOUNTAINVIEW DRIVE  
 SCALE: 1:250 DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = I:\VIZZ\design\581-962fountainview\_.rem.dgn  
 PLOT SCALE = 635980 mm IN.  
 USER NAME = JUBENDESOR

### VIDEO DETECTION SYSTEM INSTALLATION DETAILS

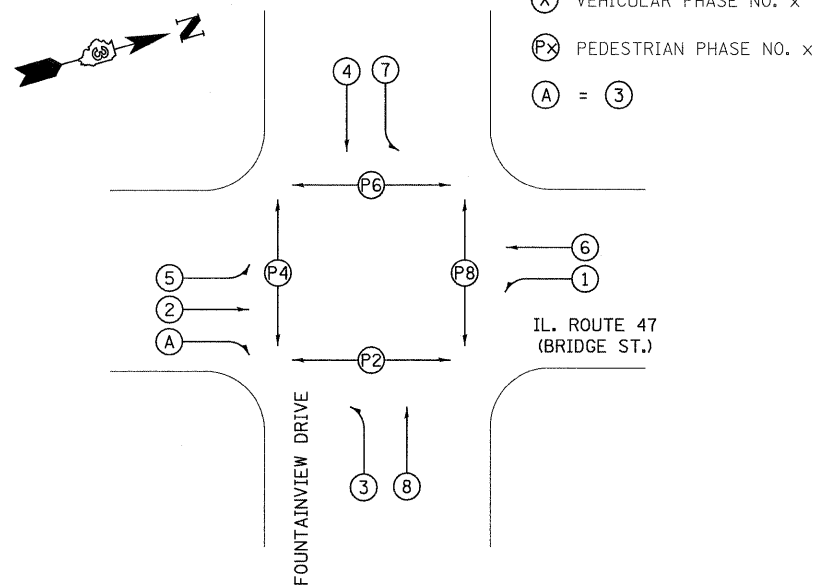
NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	582
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

\*15CS, 13C, 108, 109R

**LEGEND**



**PHASE DESIGNATION DIAGRAM**

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH**

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND REMAIN THE PROPERTY OF THE CONTRACTOR, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

4 EACH MAST ARM ASSEMBLY AND POLE

ALL REMAINING REMOVAL ITEMS EXCEPT AS SPECIFIED BELOW SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF YORKVILLE, 610 TOWER LANE, YORKVILLE, IL.

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

1 EACH SERVICE INSTALLATION  
ALL WIRES

**SCHEDULE OF REMOVAL ITEMS**

ITEM	LOCATION	UNIT	QUANTITIES
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D, E, F, G, H, I, J	EACH	10
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3, EH4, EH5, EH6	EACH	6

**TEMPORARY CABLE DIAGRAM LEGEND**

- TEMPORARY CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 250 WATT
- LIGHT DETECTOR
- CONFIRMATION BEACON

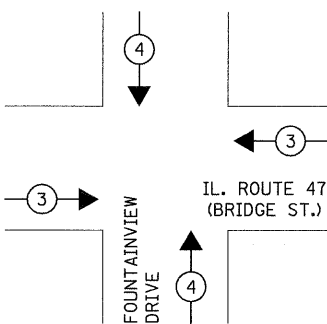
- (V) VIDEO CAMERA CABLE**  
6 PAIRS, TWISTED REQUIRED  
3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)  
1 PAIR DATA  
1 PAIR COMPOSITE VIDEO  
1 PAIR DETECTOR DATA

OVERALL SHIELD  
MINIMUM 16AWG (PAIRS)  
(TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

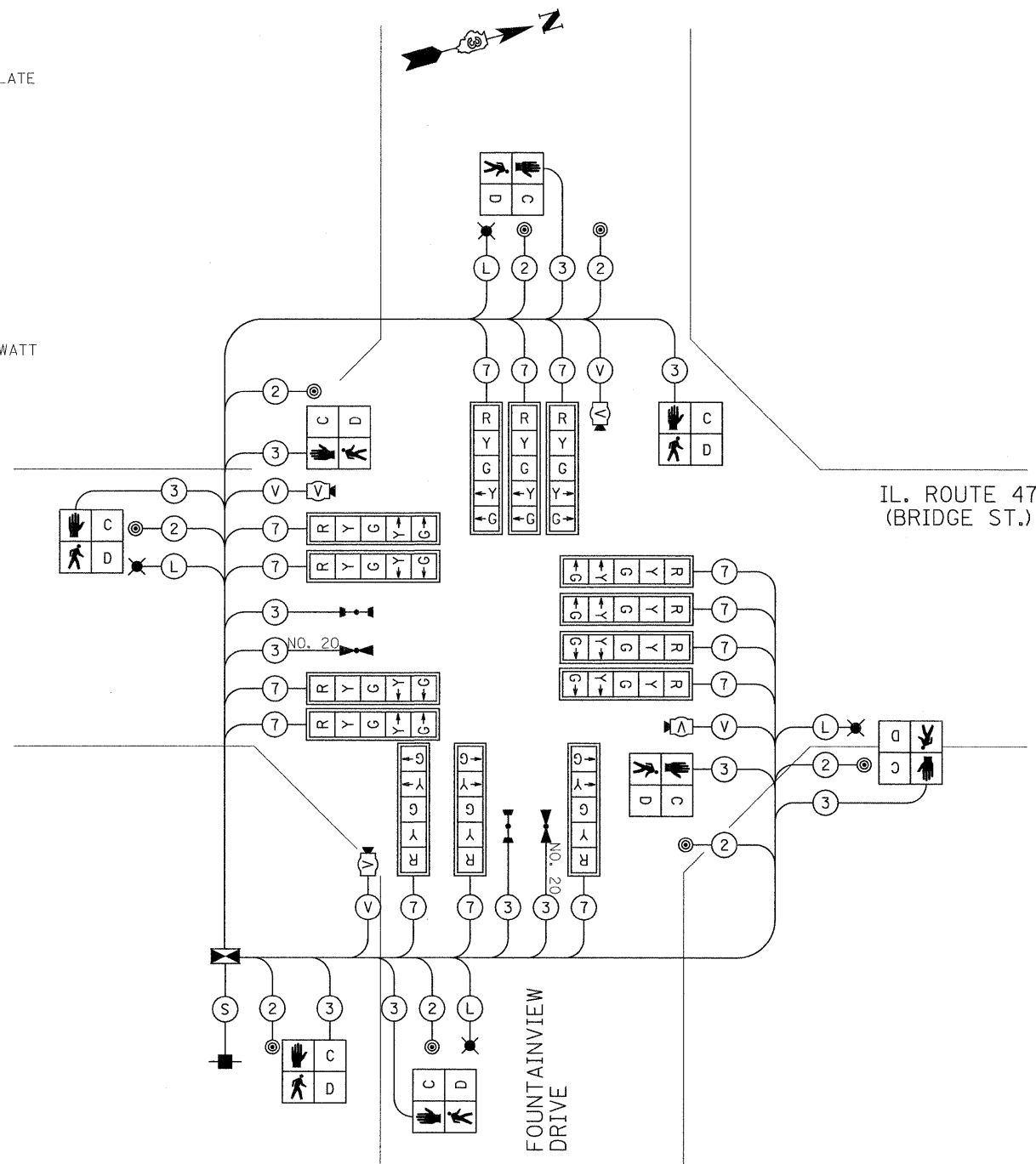
- (S) SERVICE CABLE**  
ELECTRIC CABLE IN CONDUIT,  
SERVICE, NO.6 2C

- (L) LIGHTING CABLE**  
600V (XLP-TYPE USE) 3 - 1/C NO.10

TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TEMPORARY CABLE DIAGRAM**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED TEMPORARY CABLE DIAGRAM**  
 IL. 47 (BRIDGE ST.)//  
 FOUNTAINVIEW DRIVE  
 SCALE: NONE DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC

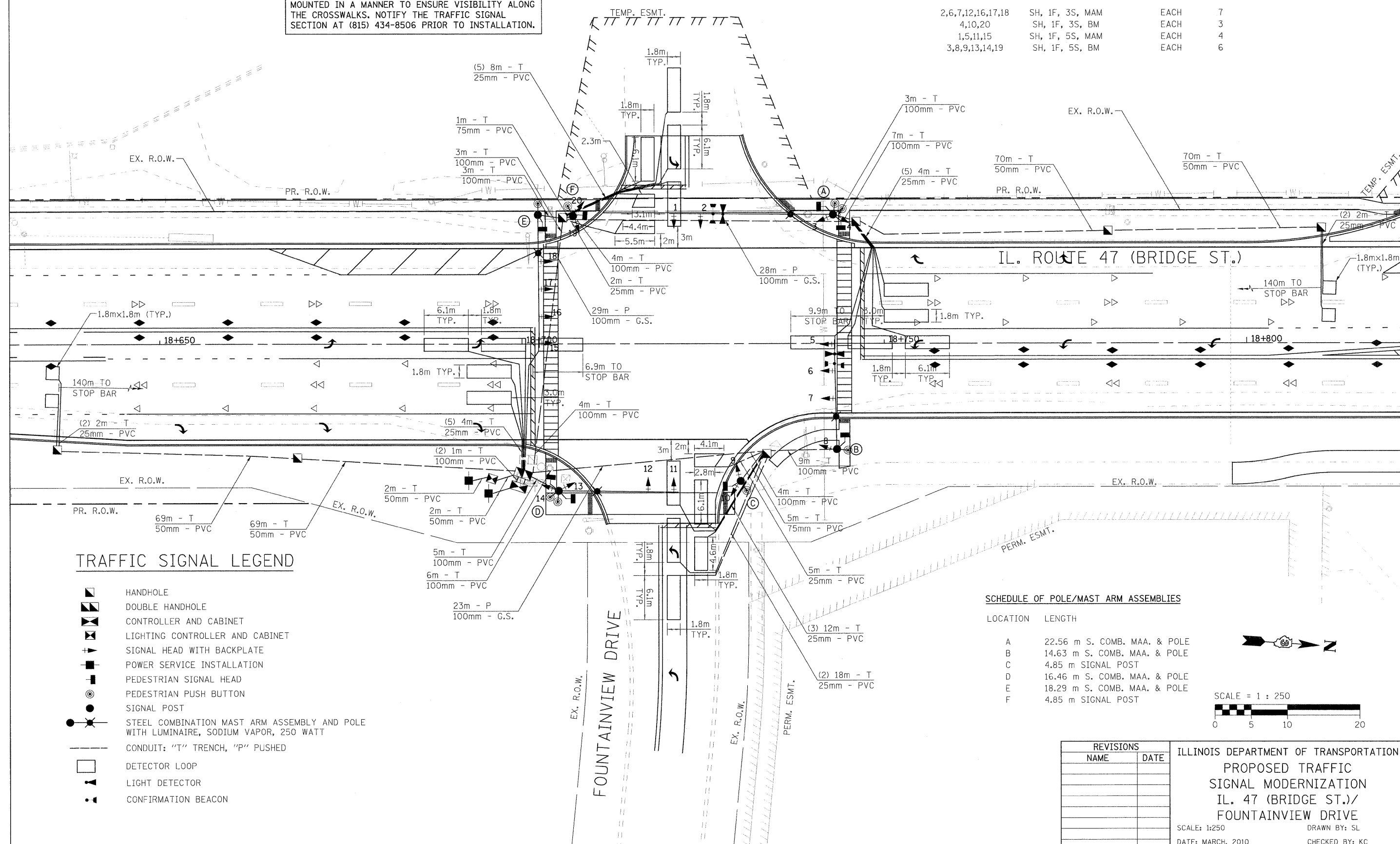
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	583
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*15CS, 13C, 108, 1091R				

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

ALL PEDESTRIAN SIGNAL HEADS SHALL BE BRACKET MOUNTED IN A MANNER TO ENSURE VISIBILITY ALONG THE CROSSWALKS. NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 PRIOR TO INSTALLATION.

SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITY
2,6,7,12,16,17,18	SH, 1F, 3S, MAM	EACH	7
4,10,20	SH, 1F, 3S, BM	EACH	3
1,5,11,15	SH, 1F, 5S, MAM	EACH	4
3,8,9,13,14,19	SH, 1F, 5S, BM	EACH	6

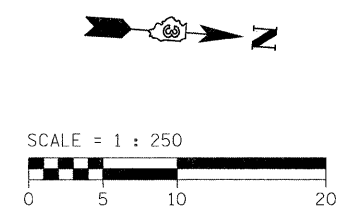


TRAFFIC SIGNAL LEGEND

- HANDHOLE
- DOUBLE HANDHOLE
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SIGNAL HEAD WITH BACKPLATE
- POWER SERVICE INSTALLATION
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- SIGNAL POST
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, 250 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- LIGHT DETECTOR
- CONFIRMATION BEACON

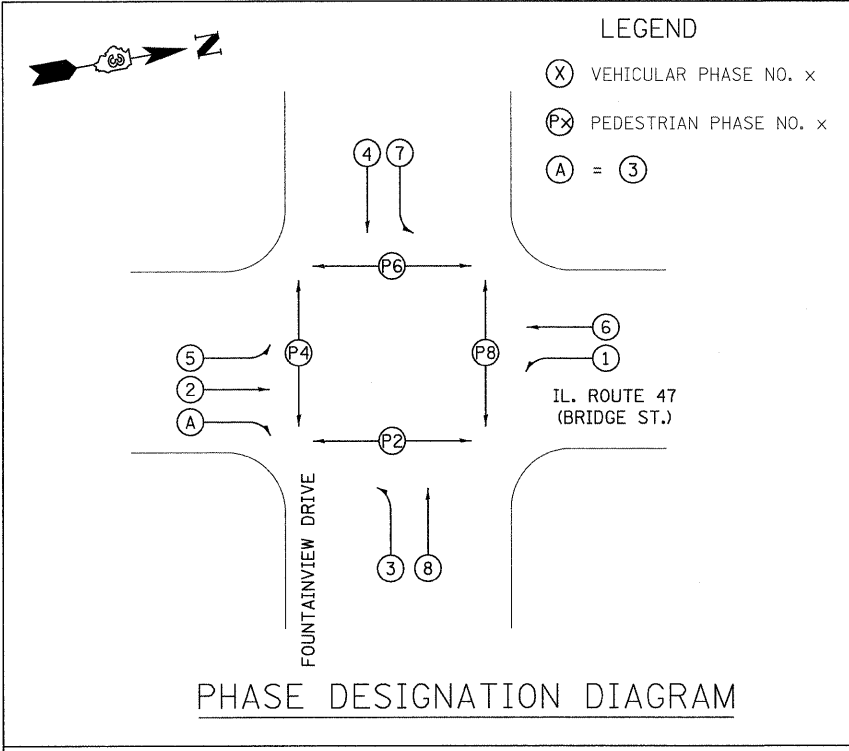
SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH
A	22.56 m S. COMB. MAA. & POLE
B	14.63 m S. COMB. MAA. & POLE
C	4.85 m SIGNAL POST
D	16.46 m S. COMB. MAA. & POLE
E	18.29 m S. COMB. MAA. & POLE
F	4.85 m SIGNAL POST



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TRAFFIC SIGNAL MODERNIZATION IL. 47 (BRIDGE ST.)/ FOUNTAINVIEW DRIVE
NAME	DATE	
		SCALE: 1:250 DATE: MARCH, 2010 DRAWN BY: SL CHECKED BY: KC

PLOT DATE = 8/11/2011  
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USER NAME = JOSEPHDESCH.



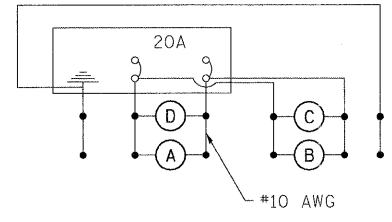
**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 250 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	20
INDUCTIVE LOOP DETECTOR	EACH	10
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
SIGN PANEL - TYPE 1	SQ M	1.8
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	167
CONDUIT IN TRENCH 50mm DIA., PVC	METER	282
CONDUIT IN TRENCH 75mm DIA., PVC	METER	6
CONDUIT IN TRENCH 100mm DIA., PVC	METER	50
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	80
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	600
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	1091
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	505
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	410
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	426
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	778
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	575
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1886
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	10
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.63 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.46 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18.29 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22.56 METER	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	2.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	15.0
CONCRETE FOUNDATION, TYPE E 1060mm DIAMETER	METER	7.6
DETECTOR LOOP, TYPE 1	METER	559
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	720
LIGHTING CONTROLLER, SPECIAL	EACH	1

**PROPOSED CABLE DIAGRAM LEGEND**

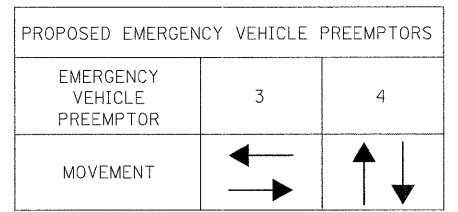
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- RYG
- Denotes NUMBER OF CONDUCTORS
- LUMINAIRE, SODIUM VAPOR, 250 WATT
- PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- DETECTOR LOOP SYSTEM
- GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- GROUND ROD AT CONTROLLER
- LIGHT DETECTOR
- CONFIRMATION BEACON

- (S) SERVICE CABLE
- ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE
- 600V (XLP-TYPE USE) 3 - 1/C NO.10

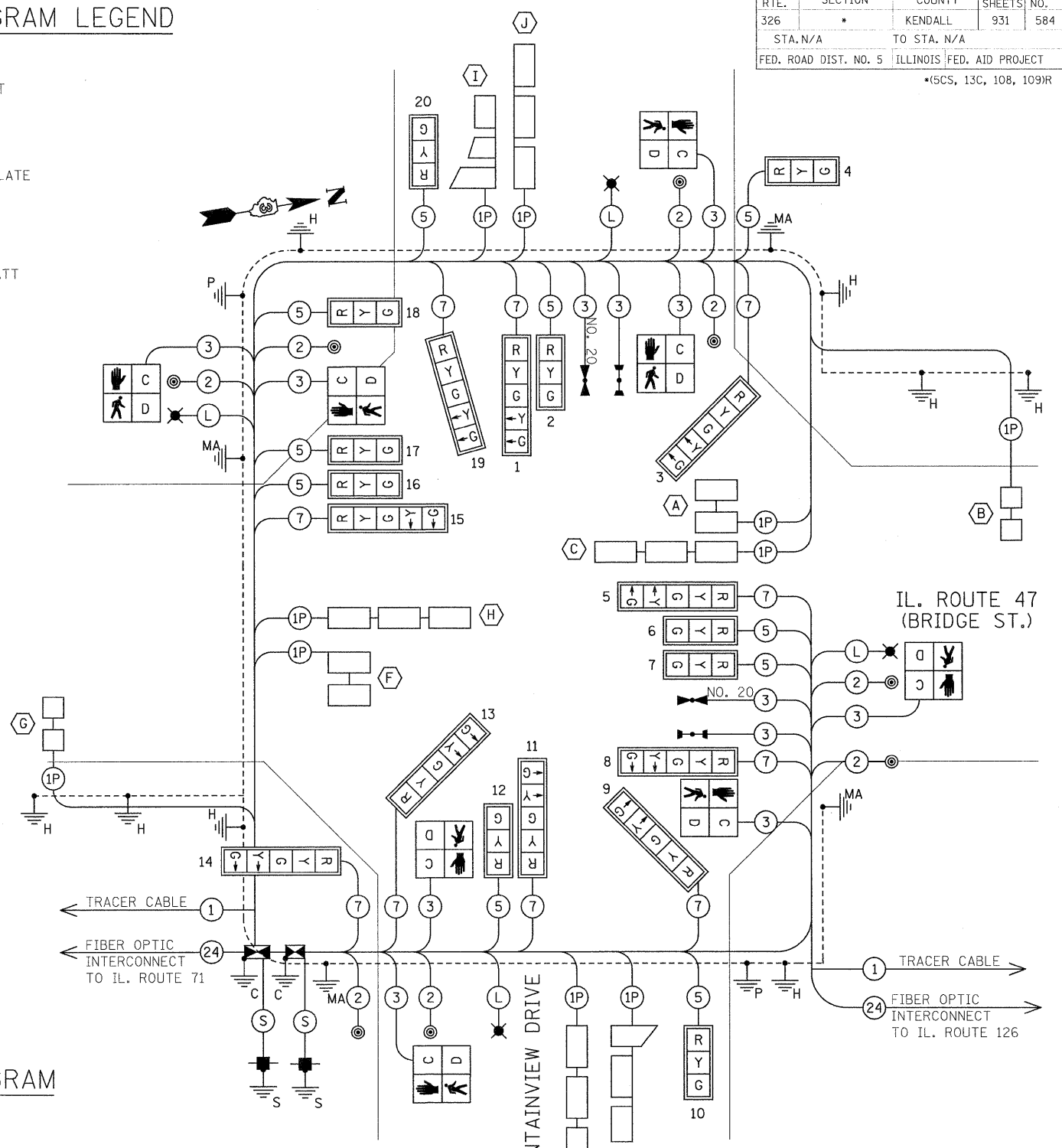


**LIGHTING CIRCUIT DIAGRAM**

AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
 CITY OF YORKVILLE  
 CONTRACTOR PAYS ALL ENERGY CHARGES  
 UNTIL PROJECT IS ACCEPTED



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2  
 PEDESTRIAN PUSH BUTTONS: 4 EVR ROUND MODEL

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506  
 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR  
 LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

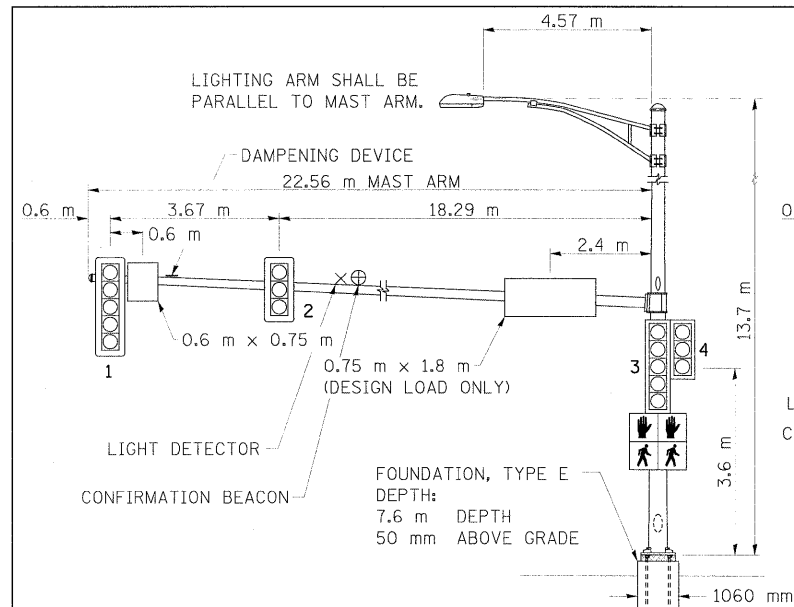
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PHASE DIAGRAM, CABLE DIAGRAM  
 SCHEDULE OF QUANTITIES  
 IL. 47 (BRIDGE ST.)/  
 FOUNTAINVIEW DRIVE  
 SCALE: NONE DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC

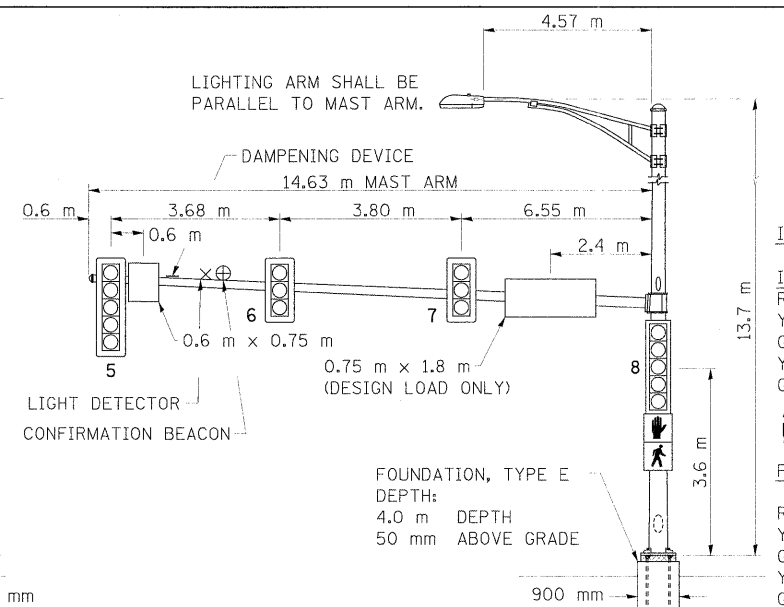
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 USER NAME = \_USERDESCR.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	585
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

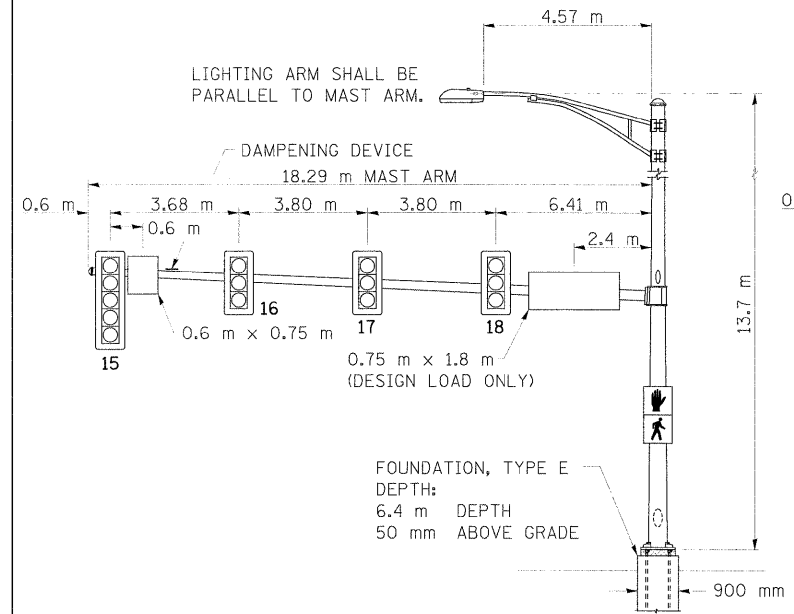
\*5CS, 13C, 108, 109IR



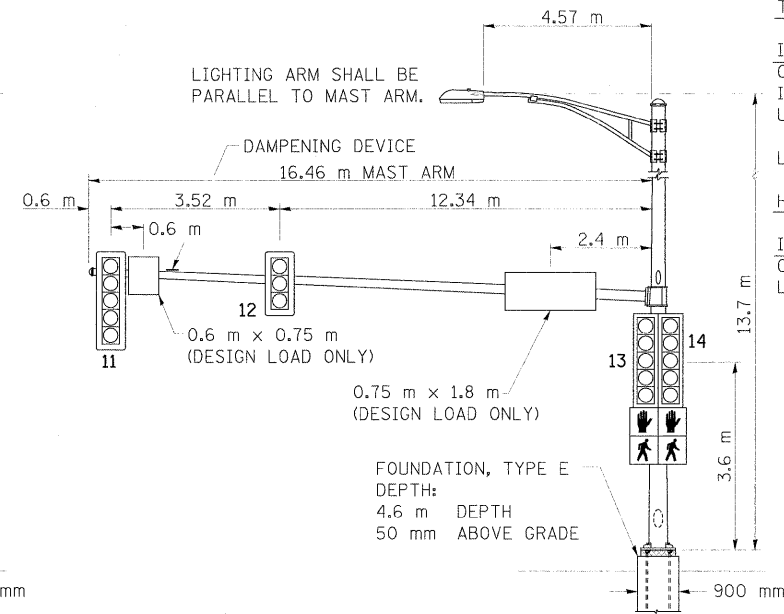
MAST ARM NORTHWEST QUADRANT (A)



MAST ARM NORTHEAST QUADRANT (B)



MAST ARM SOUTHWEST QUADRANT (C)



MAST ARM SOUTHEAST QUADRANT (D)

ELECTRICAL LOAD CHART

IL ROUTE 47

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	12	12	60
YELLOW	12	32	5
GREEN	12	12	35
YELLOW ARROW	6	12	5
GREEN ARROW	6	11	10
GREEN ARROW	4	7	5
GREEN ARROW	4	7	95

FOUNTAINVIEW DRIVE

RED	8	12	70
YELLOW	8	32	5
GREEN	8	12	25
YELLOW ARROW	4	12	5
GREEN ARROW	4	11	10
GREEN ARROW	4	7	5
GREEN ARROW	4	7	95

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR UNINTERRUPTABLE POWER SUPPLY	10	1.5	100
LIGHT DETECTOR AMPLIFIER	1	50	100
LIGHT DETECTOR AMPLIFIER	1	1.5	100

HIGHWAY LIGHTING

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	4	250	45

NOTES:

- WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 100 mm ABOVE THE SURROUNDING GROUND.
- ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
- FOUNDATION SHOULD BE 50mm ABOVE GRADE OR 0.35mm ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.

DETECTOR LOOP INDUCTANCE CHART

DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	577.60	25,378	OFF
B	6	661.00	23,738	ON
C	4	837.60	21,074	ON
D	4	598.57	24,946	ON
E	4	817.40	21,333	ON
F	4	522.90	26,672	OFF
G	6	605.5	24,803	ON
H	4	782.9	21,798	ON
I	4	683.35	23,347	ON
J	4	812.40	21,399	ON

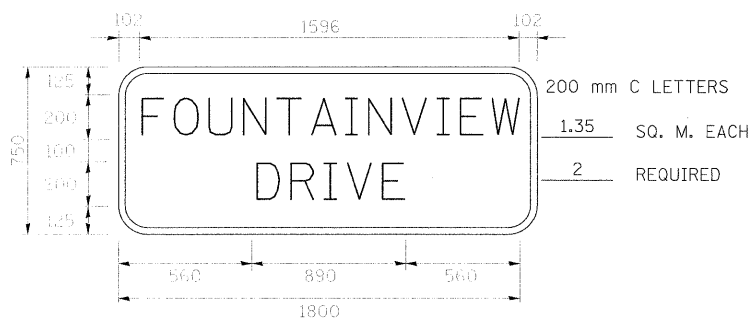
NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

STREET SIGN DETAIL

THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

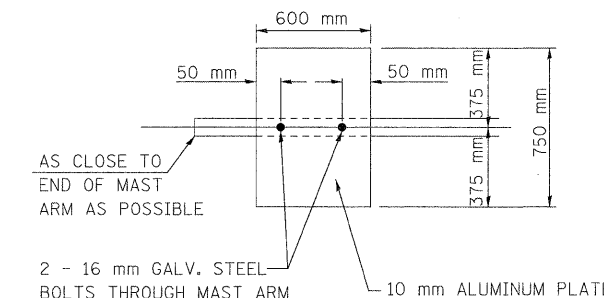
STREET NAME SIGNS:

- TYPE ZZ SHEETING REQUIRED
- WHITE/GREEN BACKGROUND
- STYLE (d)-15 mm BORDER
- 200 mm SERIES D LETTERS UNLESS OTHERWISE SHOWN
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



NOTE:

DAMPENING DEVICE SHALL CONSIST OF A 600mm X 750mm TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 750mm LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



DAMPENING PLATE DETAIL

(TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY

PEDESTRIAN CROSSING SIGN DETAIL

COUNT-DOWN PEDESTRIAN SIGN R10-3e TO BE USED.

8 REQUIRED.

DIMENSIONS: 230mm x 380mm (TYP.)  
LEGEND AND BORDER: NON-REFLECTORIZED BLACK  
BACKGROUND: RETROREFLECTIVE WHITE  
NUMBERS AND SYMBOLS: RETROREFLECTIVE ORANGE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.










MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MAST ARM LOADING DIAGRAM ELECTRICAL LOAD CHART SIGN DETAILS IL. 47 (BRIDGE ST.)/ FOUNTAINVIEW DRIVE
NAME	DATE	







SCALE: NONE DRAWN BY: SL  
DATE: MARCH, 2010 CHECKED BY: KC

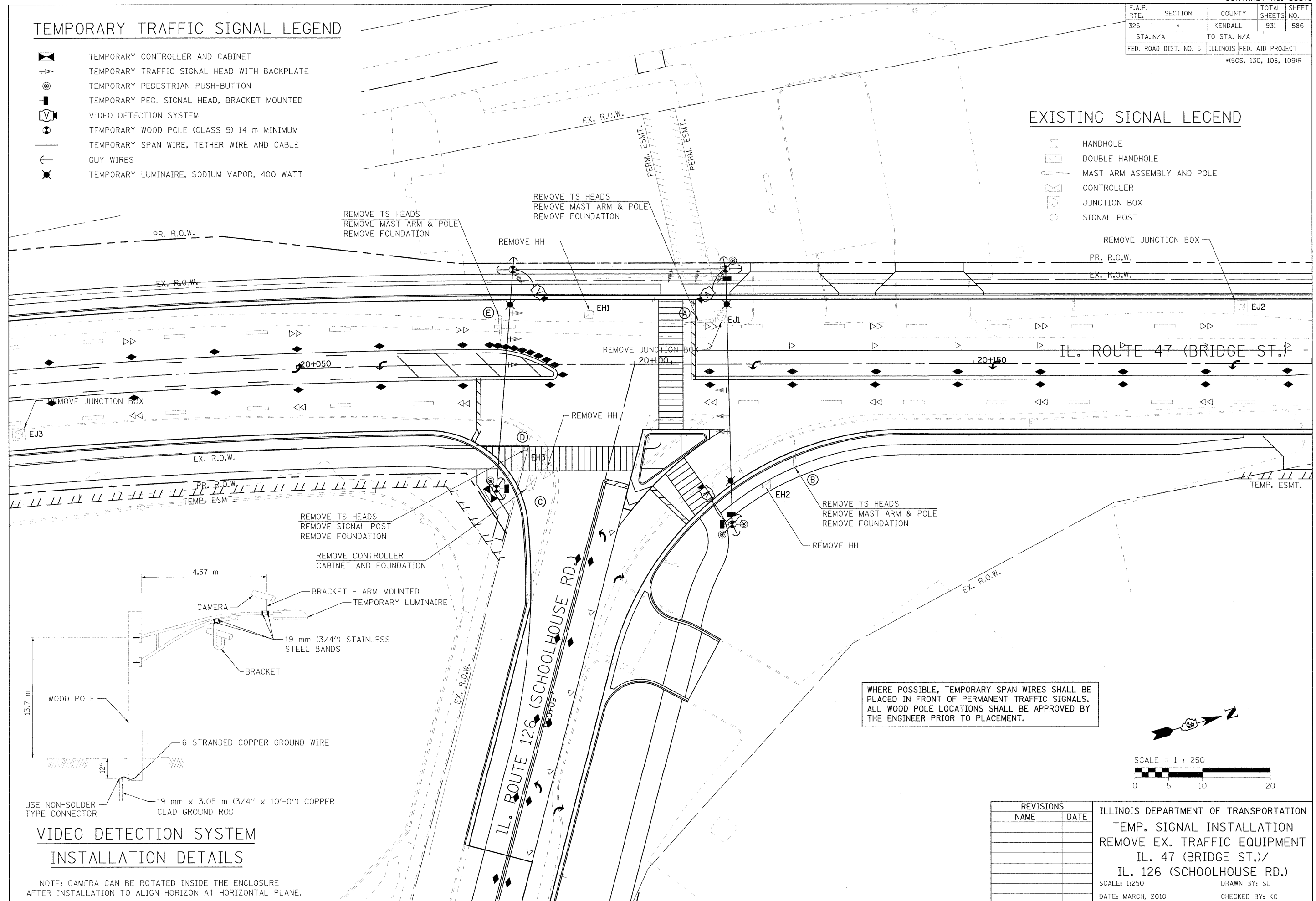
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		KENDALL	931	586
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*5CS, 13C, 10B, 109R				

### TEMPORARY TRAFFIC SIGNAL LEGEND

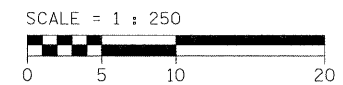
-  TEMPORARY CONTROLLER AND CABINET
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  TEMPORARY PEDESTRIAN PUSH-BUTTON
-  TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
-  VIDEO DETECTION SYSTEM
-  TEMPORARY WOOD POLE (CLASS 5) 14 m MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  GUY WIRES
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT

### EXISTING SIGNAL LEGEND

-  HANDHOLE
-  DOUBLE HANDHOLE
-  MAST ARM ASSEMBLY AND POLE
-  CONTROLLER
-  JUNCTION BOX
-  SIGNAL POST



WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMP. SIGNAL INSTALLATION  
 REMOVE EX. TRAFFIC EQUIPMENT  
 IL. 47 (BRIDGE ST.)/  
 IL. 126 (SCHOOLHOUSE RD.)  
 SCALE: 1:250  
 DATE: MARCH, 2010  
 DRAWN BY: SL  
 CHECKED BY: KC

PLOT DATE = 6/11/2011  
 FILE NAME = h:\5122\design\666-6671126\_rcmdgr  
 PLOT SCALE = 6:3000 m / IN.  
 USER NAME = JBERNDESCR.

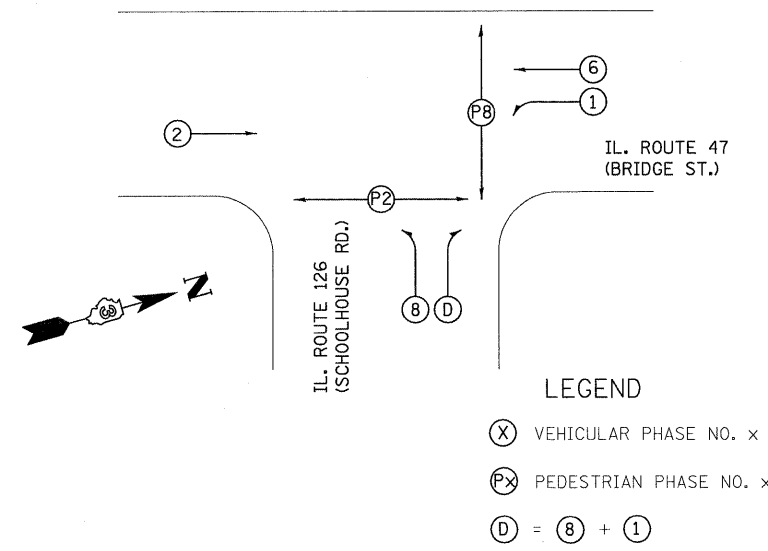
### VIDEO DETECTION SYSTEM INSTALLATION DETAILS

NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	587
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*15CS, 13C, 108, 109IR				

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT



PHASE DESIGNATION DIAGRAM

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND REMAIN THE PROPERTY OF THE CONTRACTOR, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

- 3 EACH MAST ARM ASSEMBLY AND POLE
- 1 EACH SIGNAL POST
- 8 EACH SIGNAL HEAD
- ALL PEDESTRIAN SIGNAL HEADS AND NON-CONFORMING PUSH-BUTTONS

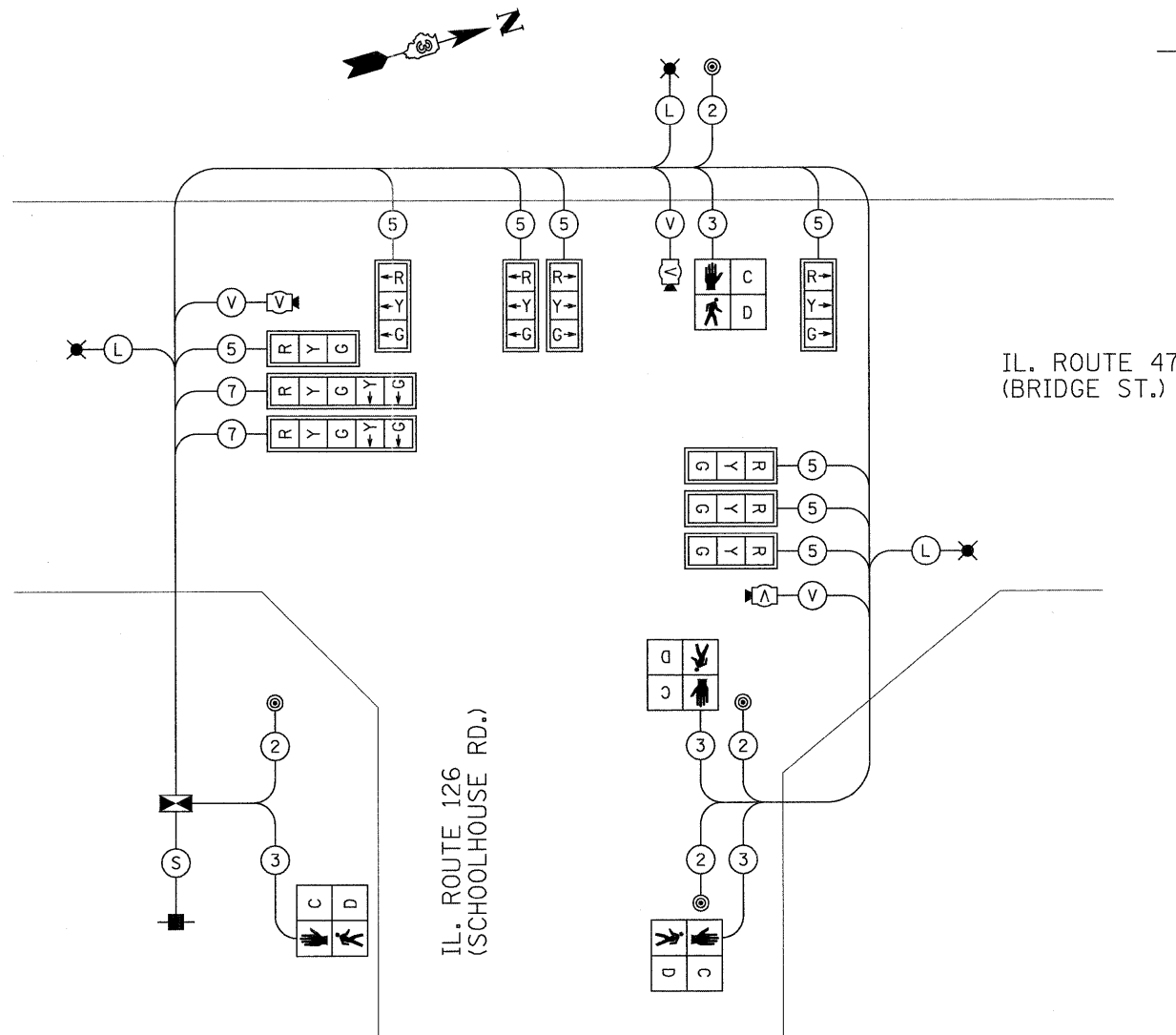
ALL REMAINING REMOVAL ITEMS EXCEPT AS SPECIFIED BELOW SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF YORKVILLE, 610 TOWER LANE, YORKVILLE, IL.

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH SERVICE INSTALLATION
- ALL WIRES

SCHEDULE OF REMOVAL ITEMS

ITEM	LOCATION	UNIT	QUANTITIES
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D, E	EACH	5
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3	EACH	3
REMOVE EXISTING JUNCTION BOX	EJ1, EJ2, EJ3	EACH	3



TEMPORARY CABLE DIAGRAM

- (V) VIDEO CAMERA CABLE**  
6 PAIRS, TWISTED REQUIRED  
3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)  
1 PAIR DATA  
1 PAIR COMPOSITE VIDEO  
1 PAIR DETECTOR DATA  
OVERALL SHIELD MINIMUM 16AWG (PAIRS) (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)
- (S) SERVICE CABLE**  
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE**  
600V (XLP-TYPE USE) 3 - 1/C NO.10

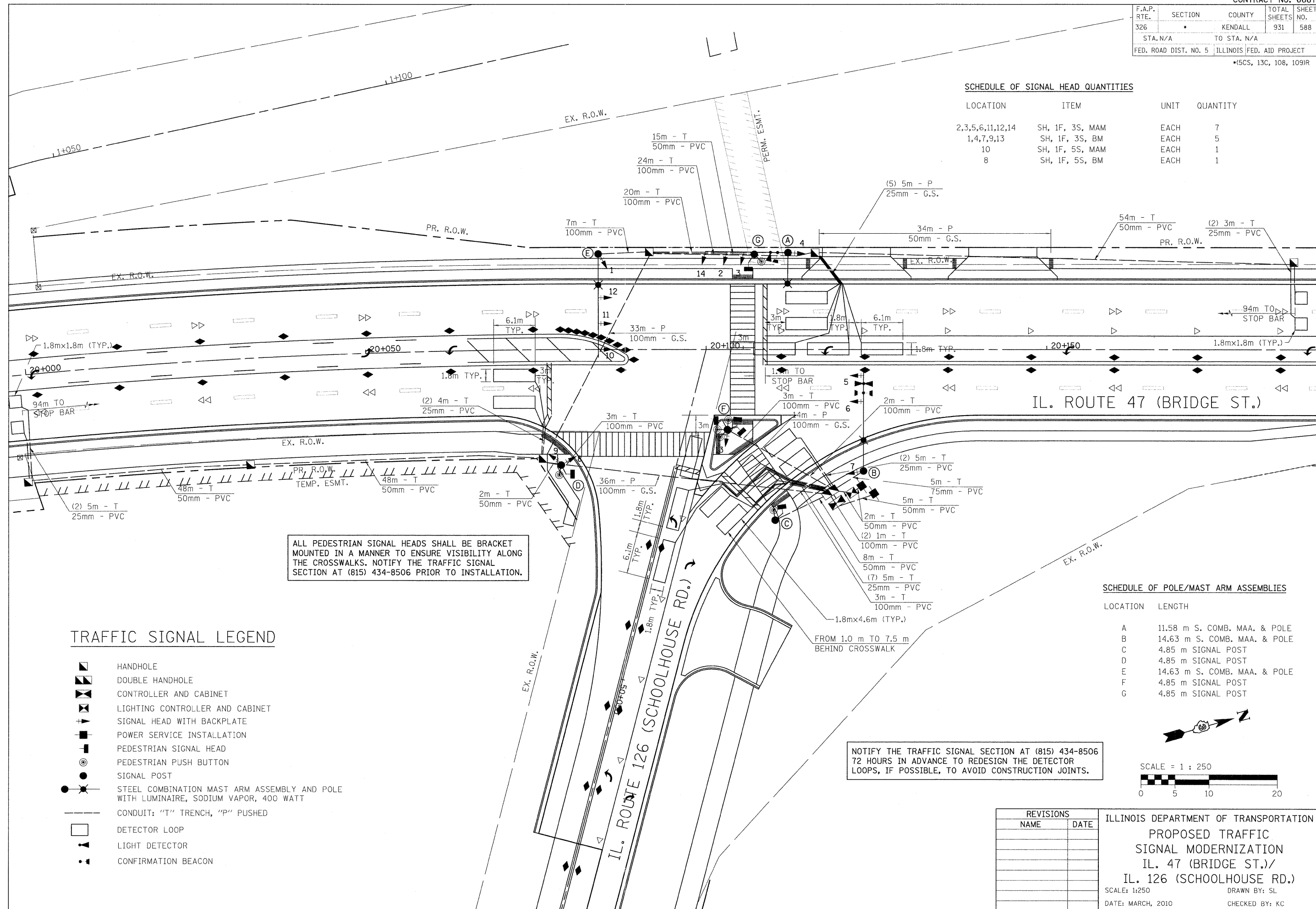
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TEMPORARY CABLE DIAGRAM  
 IL. 47 (BRIDGE ST.)/  
 IL. 126 (SCHOOLHOUSE RD.)  
 SCALE: NONE DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	588
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
*15CS, 13C, 108, 1091R				

SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITY
2,3,5,6,11,12,14	SH, 1F, 3S, MAM	EACH	7
1,4,7,9,13	SH, 1F, 3S, BM	EACH	5
10	SH, 1F, 5S, MAM	EACH	1
8	SH, 1F, 5S, BM	EACH	1



ALL PEDESTRIAN SIGNAL HEADS SHALL BE BRACKET MOUNTED IN A MANNER TO ENSURE VISIBILITY ALONG THE CROSSWALKS. NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 PRIOR TO INSTALLATION.

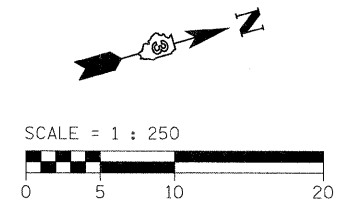
NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

TRAFFIC SIGNAL LEGEND

- HANDHOLE
- DOUBLE HANDHOLE
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SIGNAL HEAD WITH BACKPLATE
- POWER SERVICE INSTALLATION
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- SIGNAL POST
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, 400 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- LIGHT DETECTOR
- CONFIRMATION BEACON

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH
A	11.58 m S. COMB. MAA. & POLE
B	14.63 m S. COMB. MAA. & POLE
C	4.85 m SIGNAL POST
D	4.85 m SIGNAL POST
E	14.63 m S. COMB. MAA. & POLE
F	4.85 m SIGNAL POST
G	4.85 m SIGNAL POST



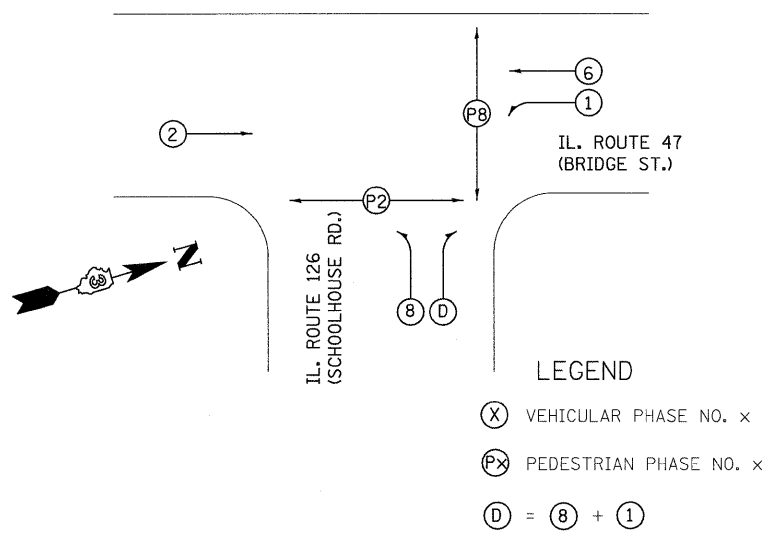
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC  
 SIGNAL MODERNIZATION  
 IL. 47 (BRIDGE ST.)/  
 IL. 126 (SCHOOLHOUSE RD.)  
 SCALE: 1:250 DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = I:\X122\design\5881126.prdp.dgn  
 SCALE = 6:3000 IN.  
 USER NAME = JUSEPESOR.

### PROPOSED CABLE DIAGRAM LEGEND

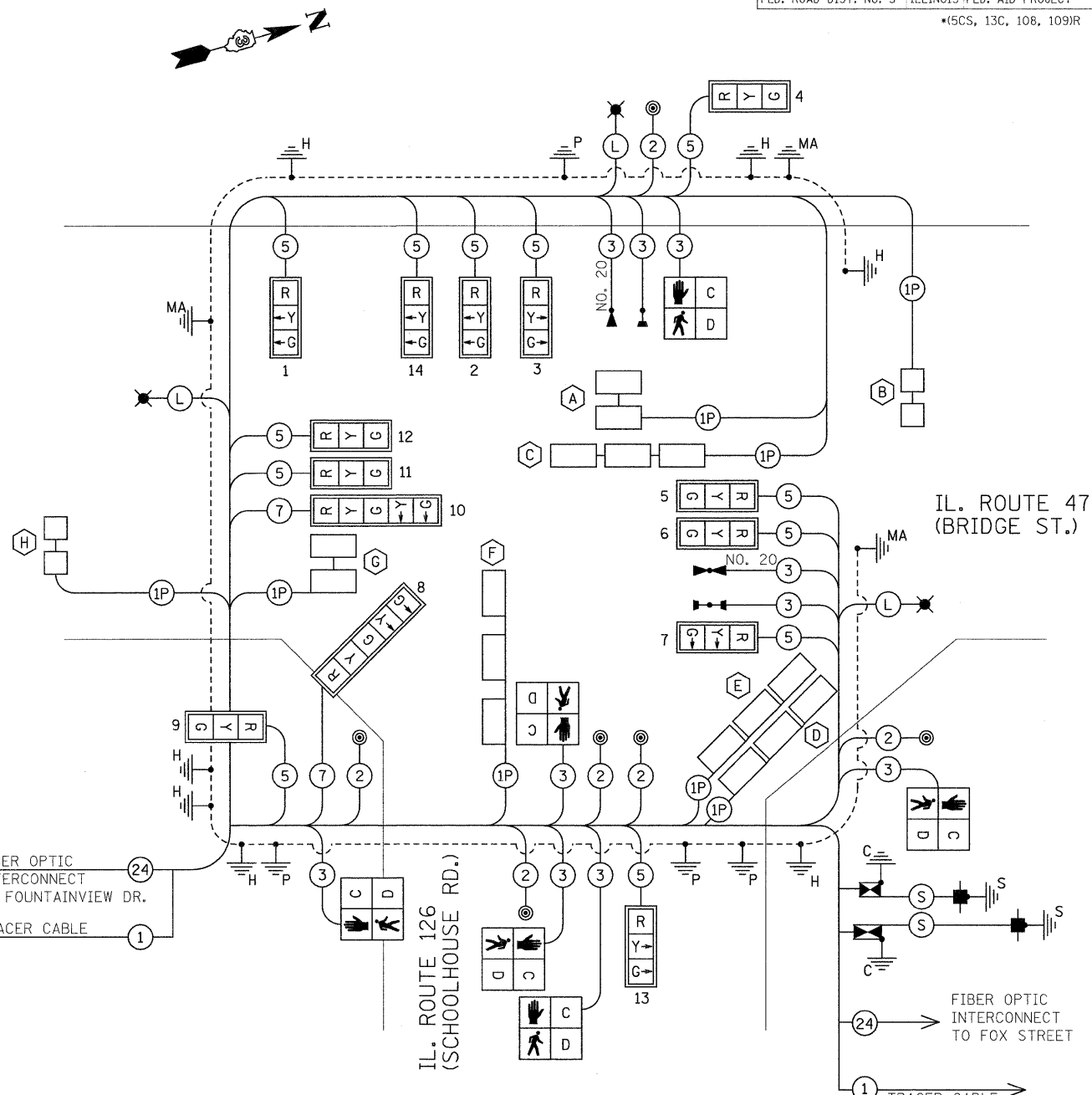
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, SODIUM VAPOR, 400 WATT
- PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- DETECTOR LOOP SYSTEM
- GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- GROUND ROD AT CONTROLLER
- LIGHT DETECTOR
- CONFIRMATION BEACON
- S** SERVICE CABLE
- ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- L** LIGHTING CABLE
- 600V (XLP-TYPE USE) 3 - 1/C NO.10



PHASE DESIGNATION DIAGRAM

### SCHEDULE OF QUANTITIES

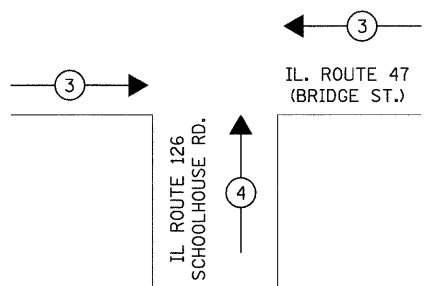
DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 400 WATT	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCIEVER - FIBER OPTIC	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14
INDUCTIVE LOOP DETECTOR	EACH	8
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
SIGN PANEL - TYPE 1	SQ M	0.45
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	59
CONDUIT IN TRENCH 50mm DIA., PVC	METER	277
CONDUIT IN TRENCH 75mm DIA., PVC	METER	5
CONDUIT IN TRENCH 100mm DIA., PVC	METER	62
CONDUIT PUSHED, 25mm DIA., GALVANIZED STEEL	METER	25
CONDUIT PUSHED, 50mm DIA., GALVANIZED STEEL	METER	34
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	85
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	634
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	1120
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	403
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	255
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	267
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	916
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	167
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1505
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	11
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 11.58 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 14.63 METER	EACH	2
CONCRETE FOUNDATION, TYPE A	METER	4.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	12.0
DETECTOR LOOP, TYPE 1	METER	414
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	584
REMOVE EXISTING JUNCTION BOX	EACH	3
LIGHTING CONTROLLER, SPECIAL	EACH	1



CABLE DIAGRAM

### LIGHTING CIRCUIT DIAGRAM

AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
CITY OF YORKVILLE  
CONTRACTOR PAYS ALL ENERGY CHARGES  
UNTIL PROJECT IS ACCEPTED



EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2  
PEDESTRIAN PUSH-BUTTONS: 4 EVR ROUND MODEL  
LUMINAIRES: 400 WATT HPS STERNBERG 1914A/CHS LUMINAIRES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PHASE DIAGRAM, CABLE DIAGRAM  
SCHEDULE OF QUANTITIES  
IL. 47 (BRIDGE ST.)/  
IL. 126 (SCHOOLHOUSE RD.)  
SCALE: NONE  
DATE: MARCH, 2010  
DRAWN BY: SL  
CHECKED BY: KC

PLOT DATE = 6/11/2011  
FILE NAME = h:\5122\design\569\1126\_aab\ledgn  
PLOT SCALE = 6:3000 in / in.  
USER NAME = JOSEPHESCPL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	590
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

\*5CS, 13C, 108, 109IR

### ELECTRICAL LOAD CHART

**IL ROUTE 47**

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	8	12	60
YELLOW	8	32	5
GREEN	8	12	35
YELLOW ARROW	2	12	5
GREEN ARROW	2	11	10
Hand icon	2	7	5
Hand icon	2	7	95

**IL ROUTE 126**

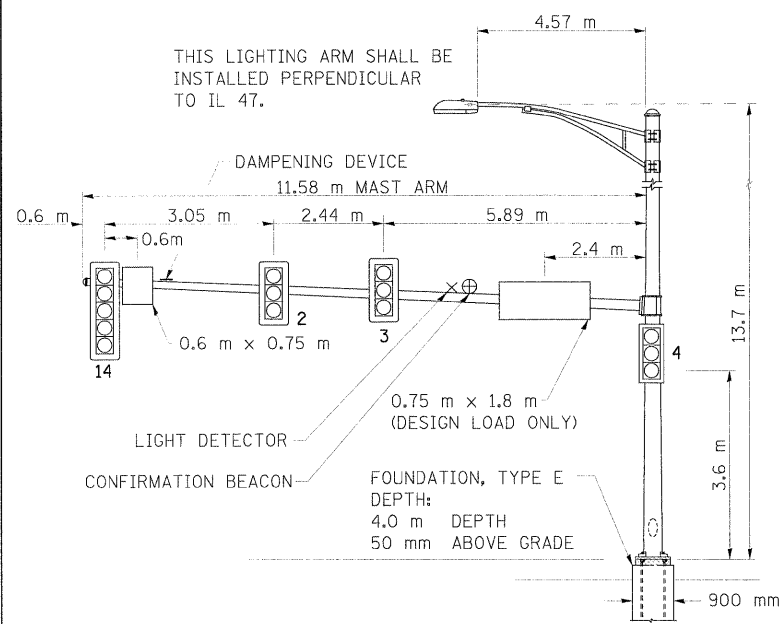
RED	6	12	70
YELLOW ARROW	6	12	10
GREEN ARROW	6	11	5
Hand icon	4	7	5
Hand icon	4	7	95

**TRAFFIC SIGNAL CABINET**

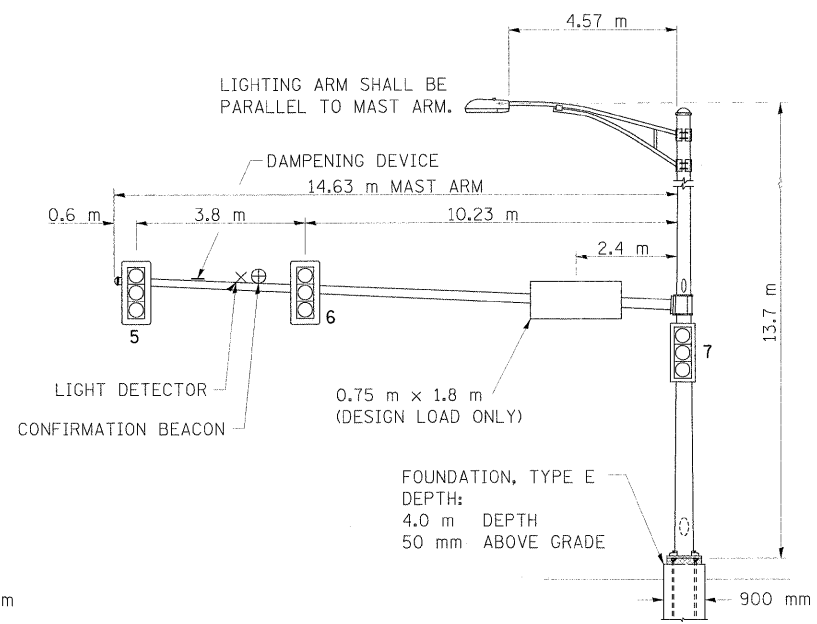
ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR	8	1.5	100
UNINTERRUPTIBLE POWER SUPPLY	1	50	100
LIGHT DETECTOR AMPLIFIER	1	1.5	100

**HIGHWAY LIGHTING**

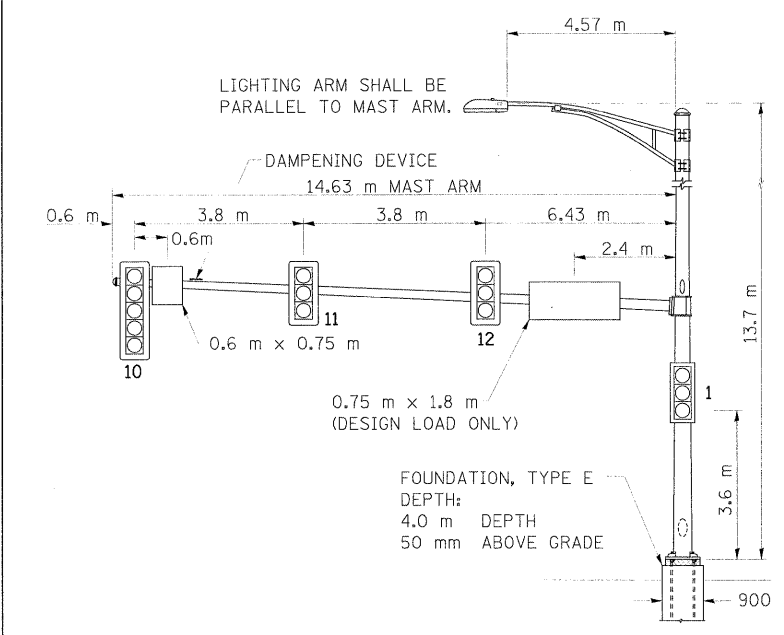
ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	3	400	45



MAST ARM NORTHWEST QUADRANT (A)



MAST ARM NORTHEAST QUADRANT (B)



MAST ARM SOUTHWEST QUADRANT (E)

- NOTES:
- WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 100 mm ABOVE THE SURROUNDING GROUND.
  - THREE ROUTE SIGNS WILL BE FURNISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
  - ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
  - FOUNDATION SHOULD BE 50mm ABOVE GRADE OR 0.35m ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

### DETECTOR LOOP INDUCTANCE CHART

DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	596	24,992	OFF
B	6	642	24,087	ON
C	4	886	20,491	ON
D	4	634	24,217	OFF
E	4	634	24,217	OFF
F	4	784	21,778	ON
G	4	553	25,917	OFF
H	6	608	24,759	ON

### PEDESTRIAN CROSSING SIGN DETAIL

COUNT-DOWN PEDESTRIAN SIGN R10-3e TO BE USED.

4 REQUIRED.

DIMENSIONS: 230mm x 380mm (TYP.)  
 LEGEND AND BORDER: NON-REFLECTORIZED BLACK  
 BACKGROUND: RETROREFLECTIVE WHITE  
 NUMBERS AND SYMBOLS: RETROREFLECTIVE ORANGE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

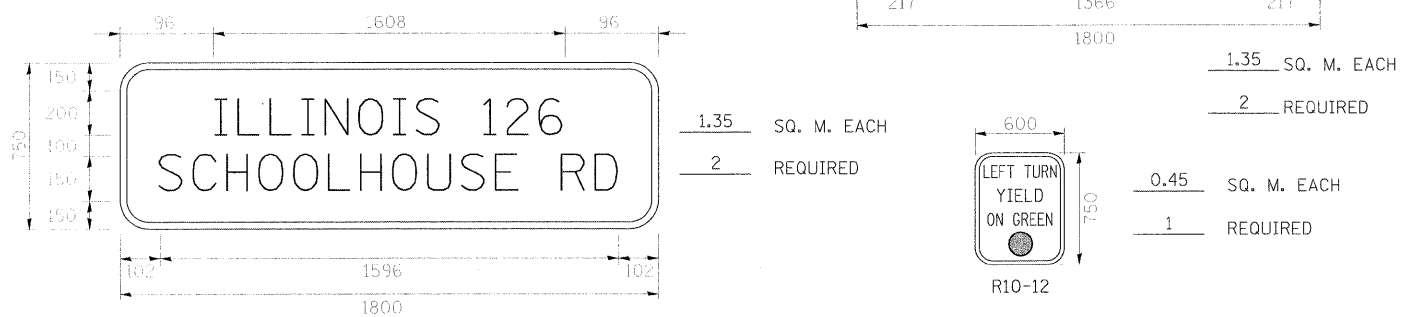
MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

### STREET SIGN DETAIL

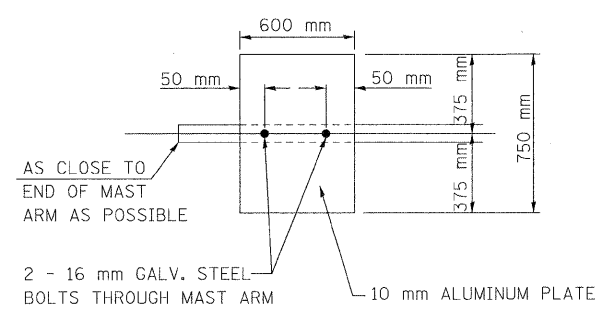
THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

STREET NAME SIGNS:

- TYPE ZZ SHEETING REQUIRED
- WHITE/GREEN BACKGROUND
- STYLE (d)-15 mm BORDER
- 200 mm SERIES D LETTERS (TOP ROW)
- 150 mm SERIES C LETTERS (BOTTOM ROW)
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



NOTE: DAMPENING DEVICE SHALL CONSIST OF A 600mm X 750mm TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 750mm LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



DAMPENING PLATE DETAIL (TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY










REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MAST ARM LOADING DIAGRAM  
 ELECTRICAL LOAD CHART  
 SIGN DETAILS  
 IL. 47 (BRIDGE ST.)/  
 IL. 126 (SCHOOLHOUSE RD.)  
 SCALE: NONE DRAWN BY: SL  
 DATE: MARCH, 2010 CHECKED BY: KC






PLOT DATE = 8/11/2011  
 FILE NAME = h:\5122\design\590.1126\_mast.dgn  
 PLOT SCALE = 6:3000 m / IN.  
 USER NAME = JOSEPHESOL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		KENDALL	931	591
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*15CS, 13C, 108, 109R				

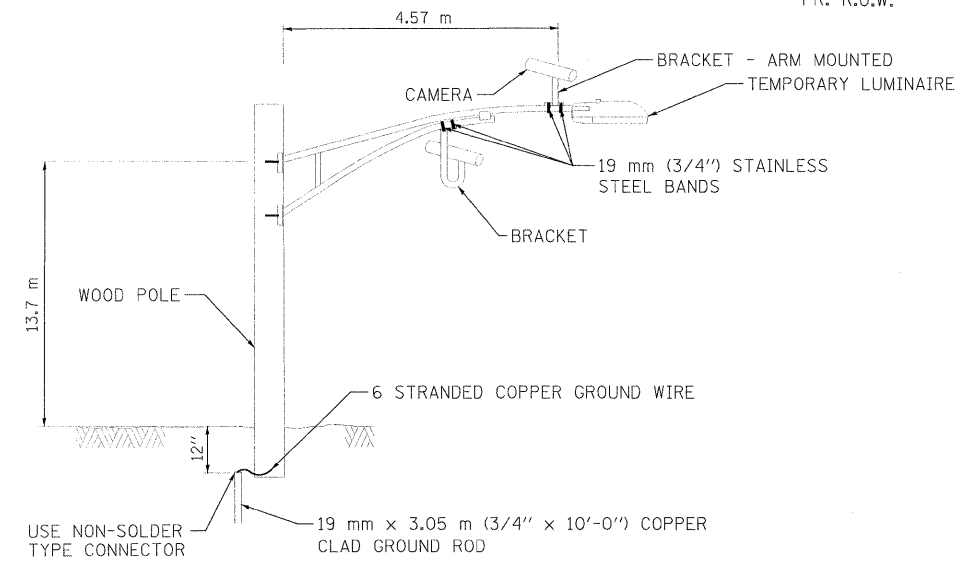
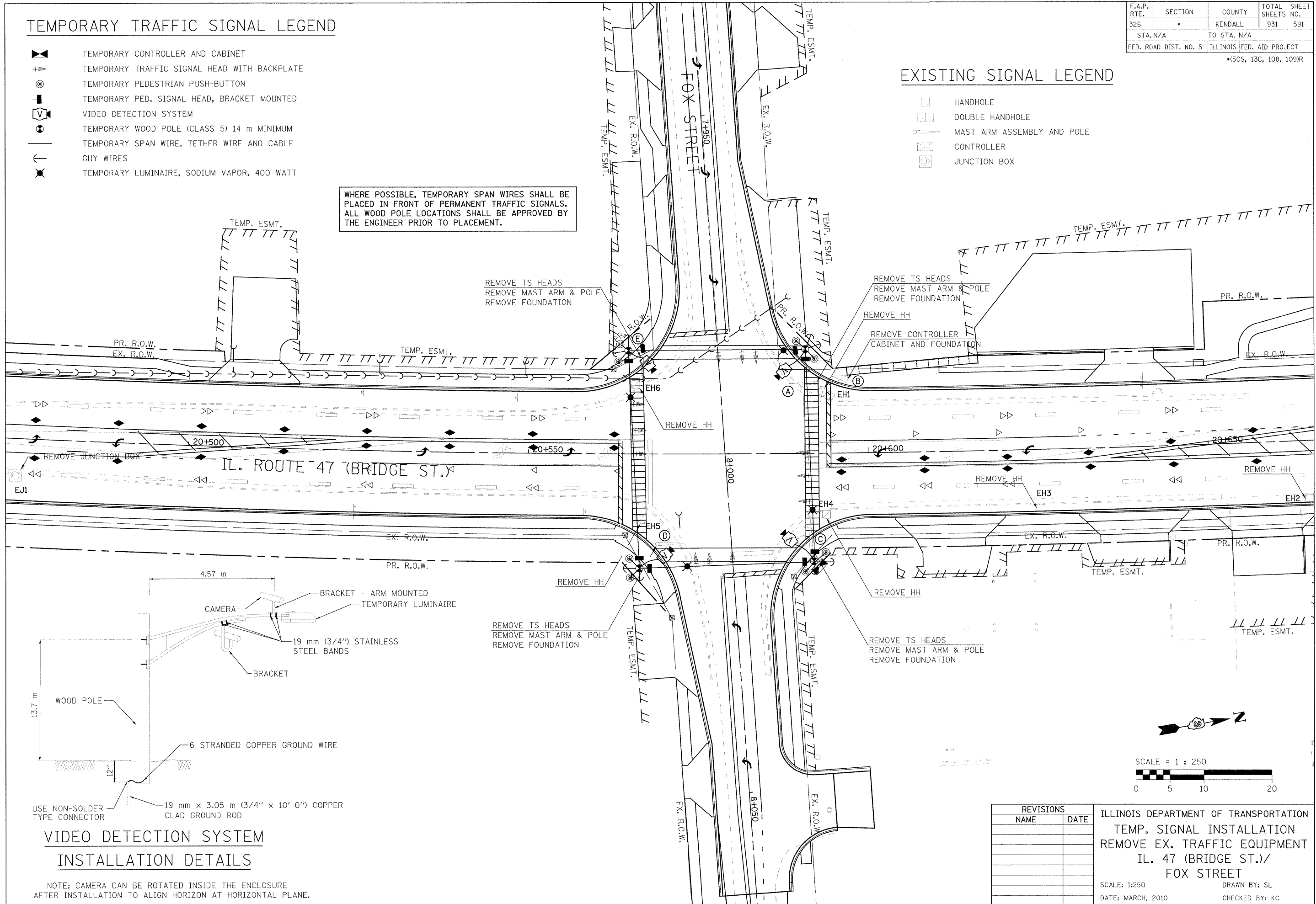
### TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY CONTROLLER AND CABINET
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  TEMPORARY PEDESTRIAN PUSH-BUTTON
-  TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
-  VIDEO DETECTION SYSTEM
-  TEMPORARY WOOD POLE (CLASS 5) 14 m MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  GUY WIRES
-  TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT

### EXISTING SIGNAL LEGEND

-  HANDHOLE
-  DOUBLE HANDHOLE
-  MAST ARM ASSEMBLY AND POLE
-  CONTROLLER
-  JUNCTION BOX

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.



### VIDEO DETECTION SYSTEM INSTALLATION DETAILS

NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMP. SIGNAL INSTALLATION  
 REMOVE EX. TRAFFIC EQUIPMENT  
 IL. 47 (BRIDGE ST.)//  
 FOX STREET

SCALE: 1:250  
 DATE: MARCH, 2010

DRAWN BY: SL  
 CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = H:\5122\design\591-992\fox\_rem.dgn  
 PLOT SCALE = 6:3000 m / in.  
 USER NAME = JOSEPHDESOL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	592
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

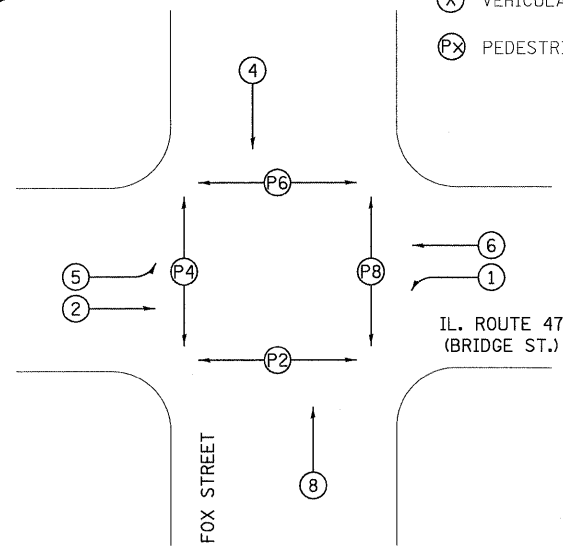
\*5CS, 13C, 10B, 109IR

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT
- VIDEO CAMERA CABLE  
6 PAIRS, TWISTED REQUIRED  
3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)  
1 PAIR DATA  
1 PAIR COMPOSITE VIDEO  
1 PAIR DETECTOR DATA
- SERVICE CABLE  
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- LIGHTING CABLE  
600V (XLP-TYPE USE) 3 - 1/C NO.10

LEGEND

- VEHICULAR PHASE NO. x
- PEDESTRIAN PHASE NO. x



PHASE DESIGNATION DIAGRAM

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND REMAIN THE PROPERTY OF THE CONTRACTOR, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

- 4 EACH MAST ARM ASSEMBLY AND POLE
- 10 EACH SIGNAL HEAD
- ALL PEDESTRIAN SIGNAL HEADS AND NON-CONFORMING PUSH-BUTTONS

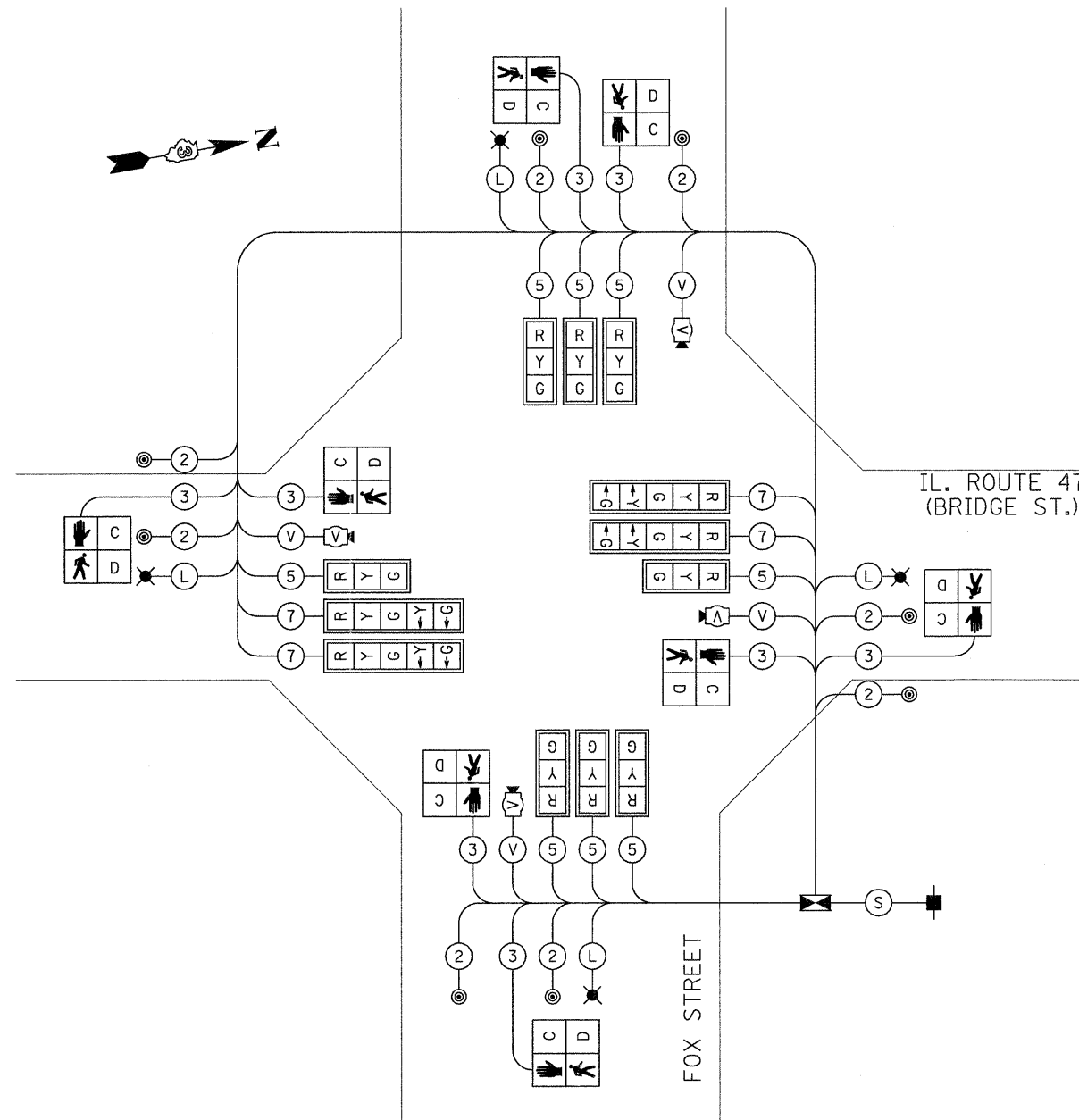
ALL REMAINING REMOVAL ITEMS EXCEPT AS SPECIFIED BELOW SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF YORKVILLE, 610 TOWER LANE, YORKVILLE, IL.

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH SERVICE INSTALLATION
- ALL WIRES

SCHEDULE OF REMOVAL ITEMS

ITEM	LOCATION	UNIT	QUANTITIES
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D, E	EACH	5
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3, EH4, EH5, EH6	EACH	6
REMOVE EXISTING JUNCTION BOX	EJ1	EACH	1



TEMPORARY CABLE DIAGRAM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TEMPORARY CABLE DIAGRAM IL. 47 (BRIDGE ST.)/ FOX STREET
NAME	DATE	

SCALE: NONE  
DATE: MARCH, 2010

DRAWN BY: SL  
CHECKED BY: KC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		KENDALL	931	593
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

\*1CS, 13C, 108, 109R

**TRAFFIC SIGNAL LEGEND**

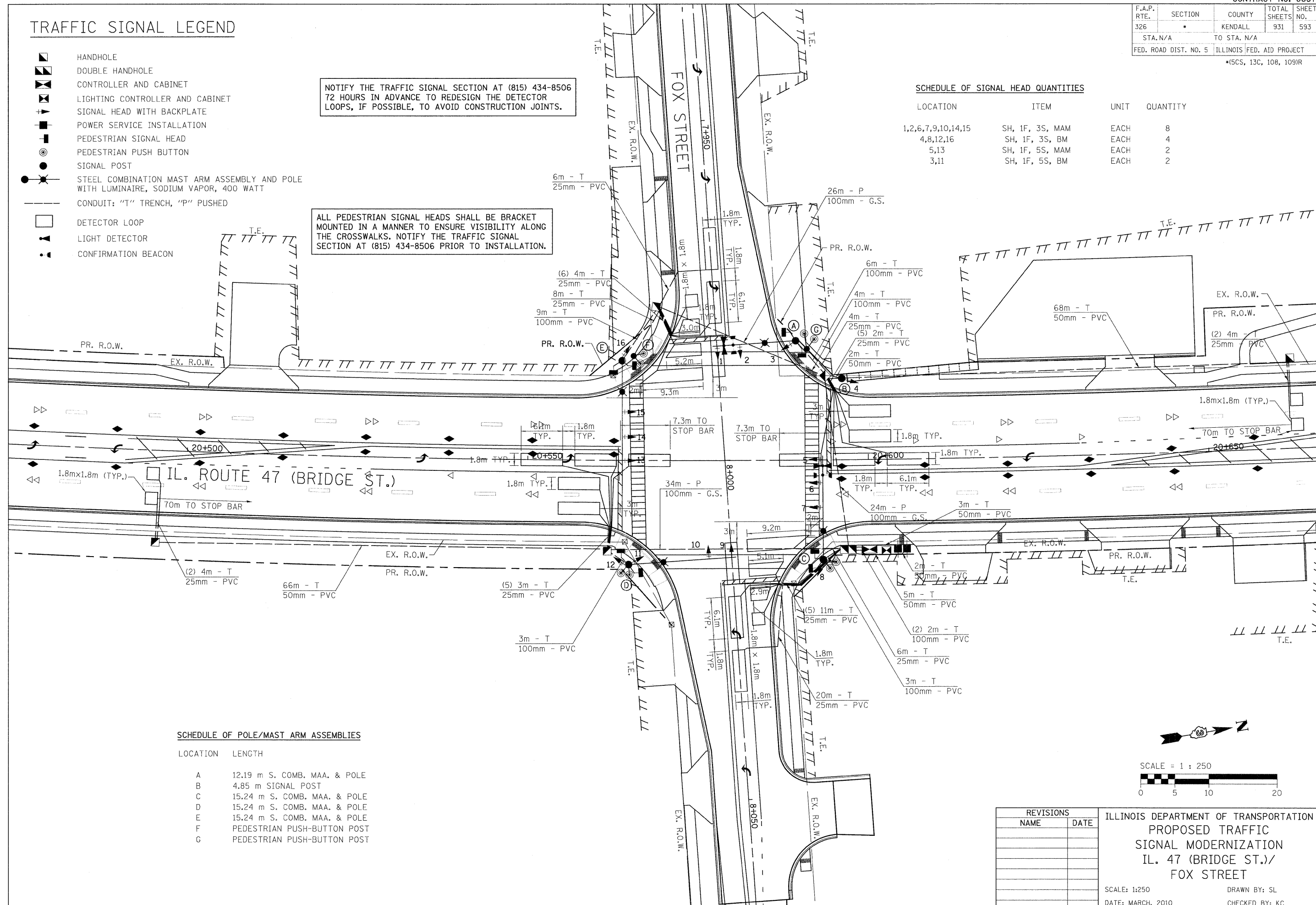
- HANDHOLE
- DOUBLE HANDHOLE
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SIGNAL HEAD WITH BACKPLATE
- POWER SERVICE INSTALLATION
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- SIGNAL POST
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, 400 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- LIGHT DETECTOR
- CONFIRMATION BEACON

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

ALL PEDESTRIAN SIGNAL HEADS SHALL BE BRACKET MOUNTED IN A MANNER TO ENSURE VISIBILITY ALONG THE CROSSWALKS. NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 PRIOR TO INSTALLATION.

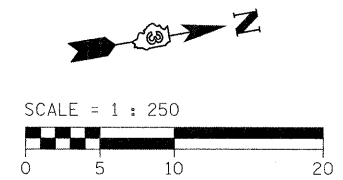
**SCHEDULE OF SIGNAL HEAD QUANTITIES**

LOCATION	ITEM	UNIT	QUANTITY
1,2,6,7,9,10,14,15	SH, 1F, 3S, MAM	EACH	8
4,8,12,16	SH, 1F, 3S, BM	EACH	4
5,13	SH, 1F, 5S, MAM	EACH	2
3,11	SH, 1F, 5S, BM	EACH	2



**SCHEDULE OF POLE/MAST ARM ASSEMBLIES**

LOCATION	LENGTH
A	12.19 m S. COMB. MAA. & POLE
B	4.85 m SIGNAL POST
C	15.24 m S. COMB. MAA. & POLE
D	15.24 m S. COMB. MAA. & POLE
E	15.24 m S. COMB. MAA. & POLE
F	PEDESTRIAN PUSH-BUTTON POST
G	PEDESTRIAN PUSH-BUTTON POST

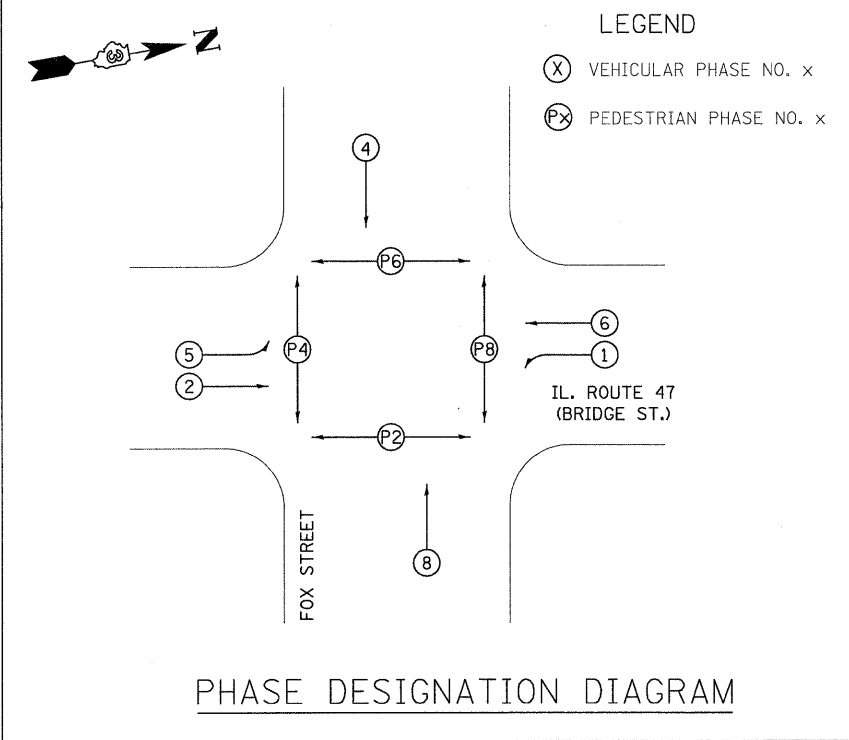


REVISIONS	
NAME	DATE

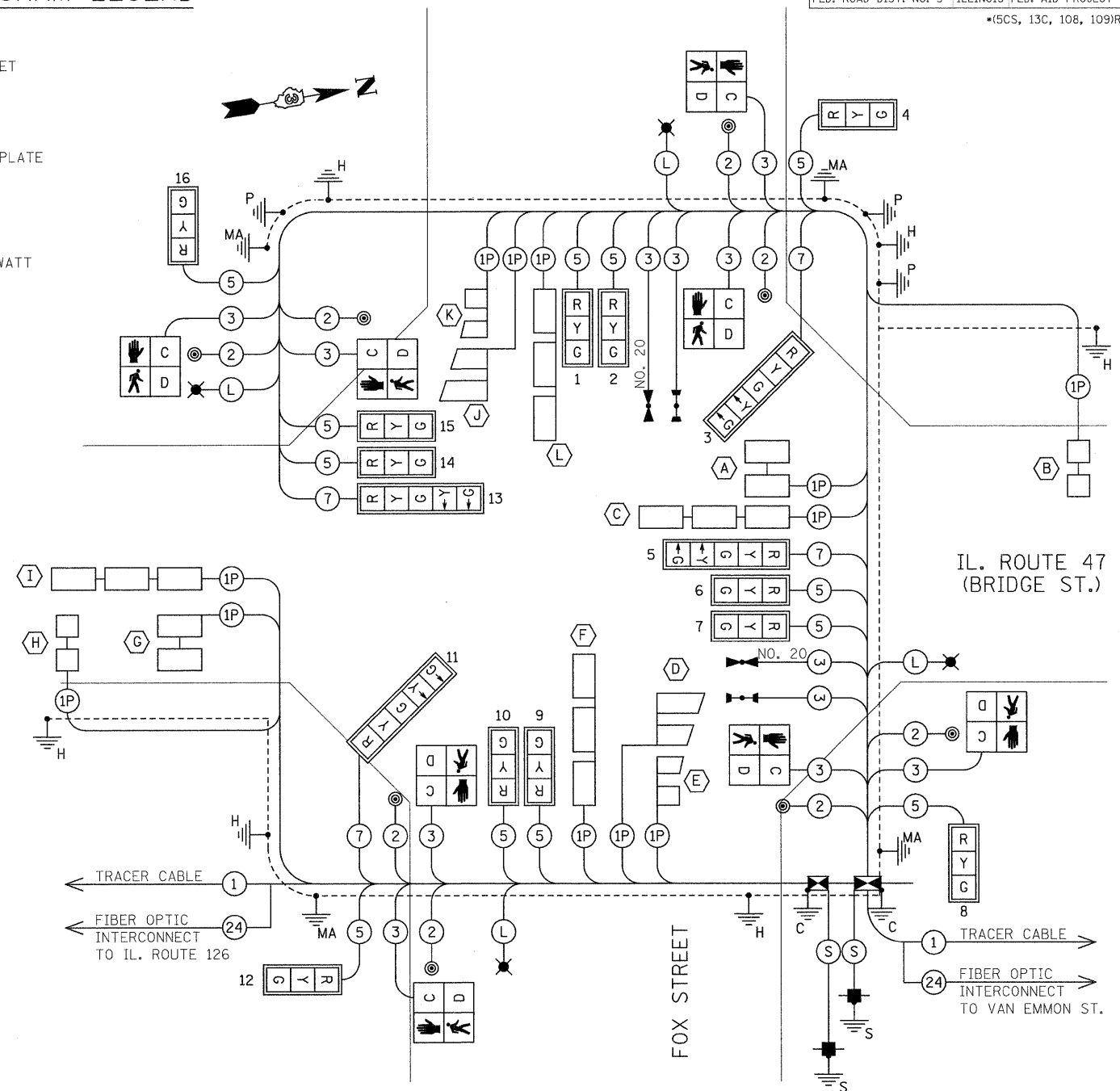
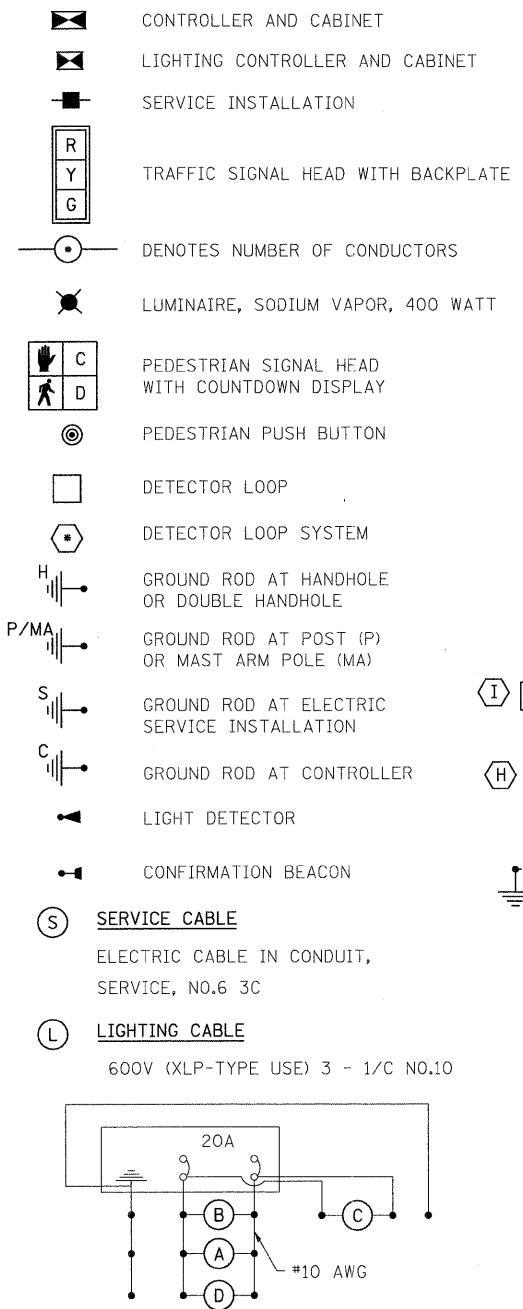
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC  
 SIGNAL MODERNIZATION  
 IL. 47 (BRIDGE ST.)/  
 FOX STREET

SCALE: 1:250  
 DATE: MARCH, 2010  
 DRAWN BY: SL  
 CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = R:\S122\design\593fox.pr.op.dgn  
 USER NAME = JUSERESOR



**PROPOSED CABLE DIAGRAM LEGEND**

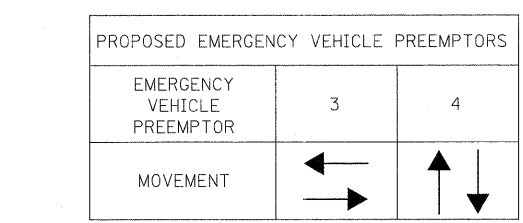


**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 400 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	12
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
SIGN PANEL - TYPE 1	SQ M	0.9
SIGN PANEL - TYPE 2	SQ M	4.5
CONDUIT IN TRENCH 25mm DIA., PVC	METER	164
CONDUIT IN TRENCH 50mm DIA., PVC	METER	143
CONDUIT IN TRENCH 100mm DIA., PVC	METER	29
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	84
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	519
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	691
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	331
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	356
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	378
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	663
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	223
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1464
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	12
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	1
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.24 METER	EACH	3
CONCRETE FOUNDATION, TYPE A	METER	3.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	17.8
DETECTOR LOOP, TYPE 1	METER	530
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	352
REMOVE EXISTING JUNCTION BOX	EACH	1
LIGHTING CONTROLLER, SPECIAL	EACH	1

**LIGHTING CIRCUIT DIAGRAM**

AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
 CITY OF YORKVILLE  
 CONTRACTOR PAYS ALL ENERGY CHARGES  
 UNTIL PROJECT IS ACCEPTED



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2  
 PEDESTRIAN PUSH-BUTTONS: 4 EVR ROUND MODEL  
 LUMINAIRES: 400 WATT HPS STERNBERG 1914A/CHS LUMINAIRES

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506  
 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR  
 LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

REVISIONS

NAME	DATE

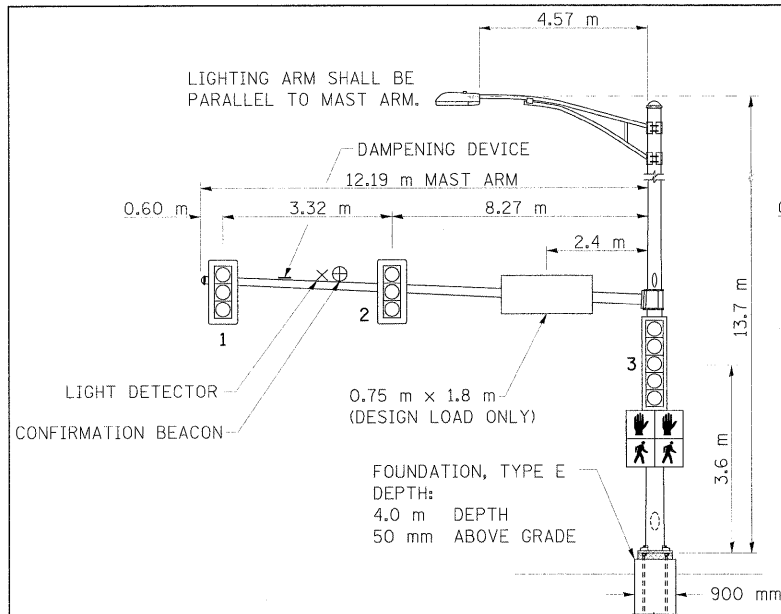
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PHASE DIAGRAM, CABLE DIAGRAM  
 SCHEDULE OF QUANTITIES  
 IL. 47 (BRIDGE ST.)//  
 FOX STREET

SCALE: NONE  
 DATE: MARCH, 2010  
 DRAWN BY: SL  
 CHECKED BY: KC

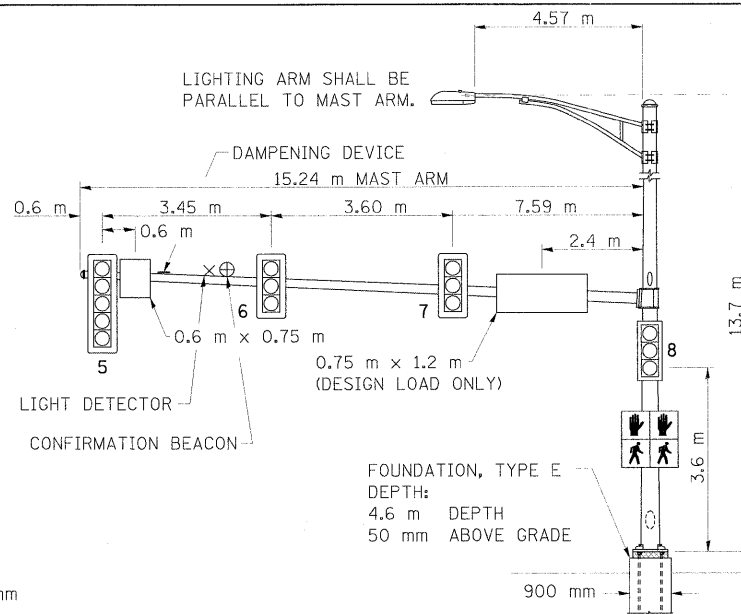
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 USER NAME = JUSERDESCR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	595
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				

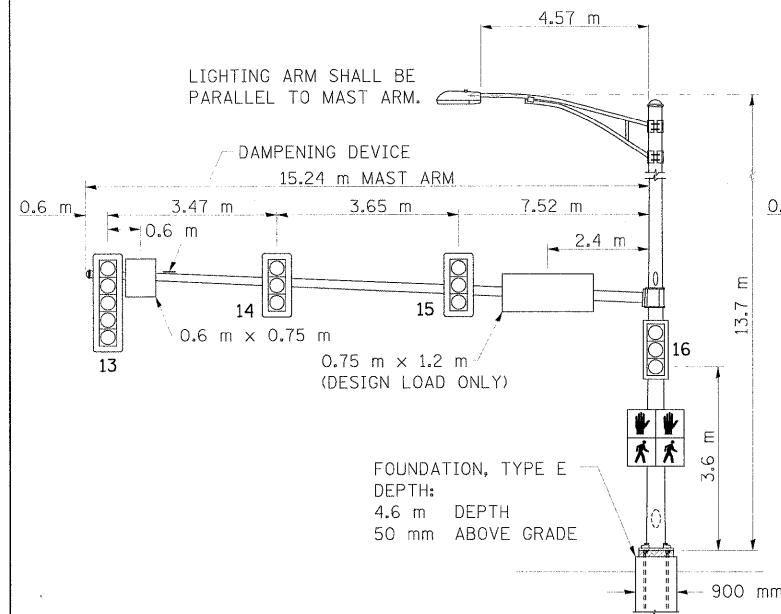
\*15CS, 13C, 10B, 1091R



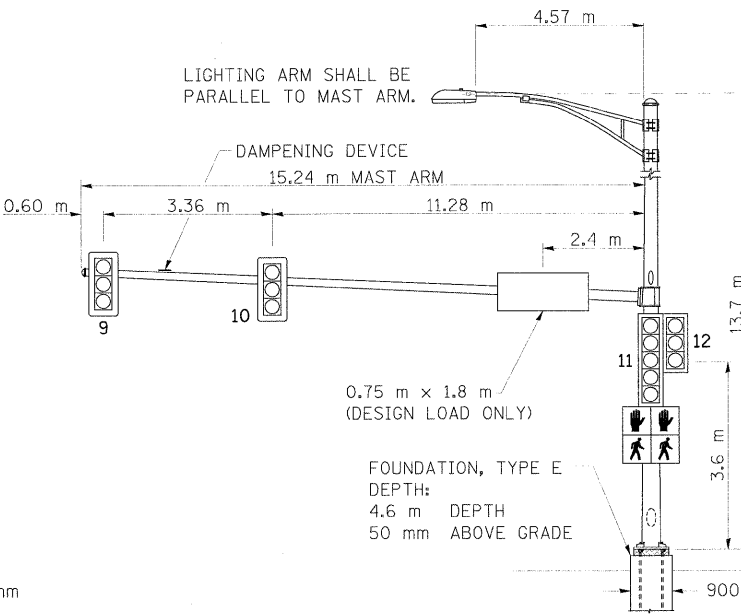
MAST ARM NORTHWEST QUADRANT (A)



MAST ARM NORTHEAST QUADRANT (C)



MAST ARM SOUTHWEST QUADRANT (E)



MAST ARM SOUTHEAST QUADRANT (D)

ELECTRICAL LOAD CHART

IL ROUTE 47

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	10	12	60
YELLOW	10	32	5
GREEN	10	12	35
YELLOW ARROW	4	12	5
GREEN ARROW	4	11	10
UP	4	7	5
DOWN	4	7	95

FOX STREET			
INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	6	12	70
YELLOW	6	32	5
GREEN	6	12	25
UP	4	7	5
DOWN	4	7	95

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR UNINTERRUPTABLE	12	1.5	100
POWER SUPPLY	1	50	100
LIGHT DETECTOR AMPLIFIER	1	1.5	100

HIGHWAY LIGHTING

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	4	400	45

NOTES:

- WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 100 mm ABOVE THE SURROUNDING GROUND.
- ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
- FOUNDATION SHOULD BE 50mm ABOVE GRADE OR 0.35m ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.

DETECTOR LOOP INDUCTANCE CHART

DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	540	26,243	OFF
B	5	430	29,433	ON
C	4	800	21,564	ON
D	4	592	25,084	ON
E	5	432	29,364	ON
F	4	790	21,700	ON
G	4	548	26,054	OFF
H	5	436	29,229	ON
I	4	808	21,457	ON
J	4	592	25,084	ON
K	5	432	29,364	ON
L	4	820	21,299	ON

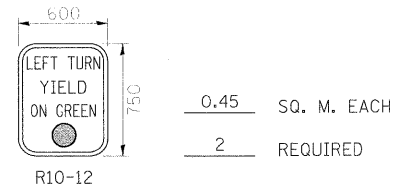
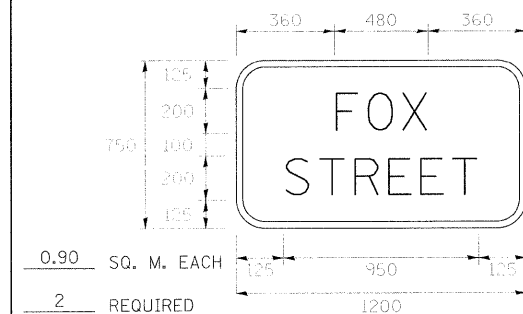
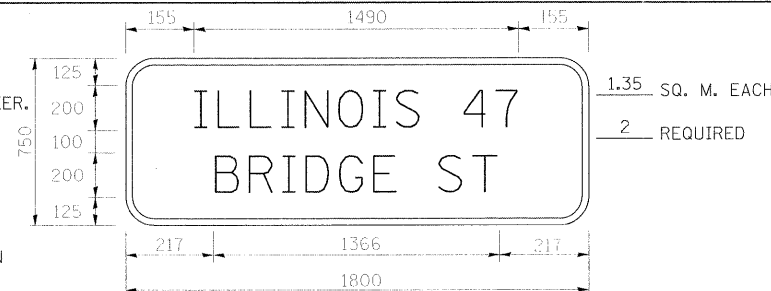
NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

STREET SIGN DETAIL

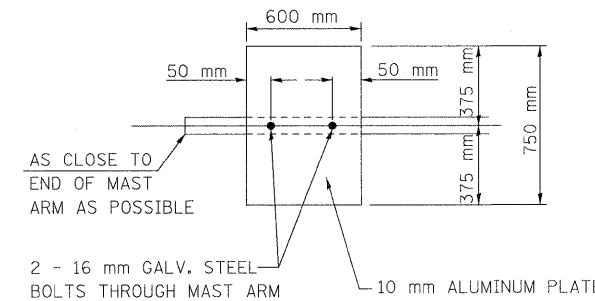
THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

STREET NAME SIGNS:

- TYPE ZZ SHEETING REQUIRED
- WHITE/GREEN BACKGROUND
- STYLE (d)-15 mm BORDER
- 200 mm SERIES D LETTERS
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



NOTE: DAMPENING DEVICE SHALL CONSIST OF A 600mm X 750mm TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 750mm LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



DAMPENING PLATE DETAIL (TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY

PEDESTRIAN CROSSING SIGN DETAIL

COUNT-DOWN PEDESTRIAN SIGN R10-3e TO BE USED.

8 REQUIRED.

DIMENSIONS: 230mm x 380mm (TYP.)  
LEGEND AND BORDER: NON-REFLECTORIZED BLACK  
BACKGROUND: RETROREFLECTIVE WHITE  
NUMBERS AND SYMBOLS: RETROREFLECTIVE ORANGE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

ILLINOIS DEPARTMENT OF TRANSPORTATION	
MAST ARM LOADING DIAGRAM	
ELECTRICAL LOAD CHART	
SIGN DETAILS	
IL. 47 (BRIDGE ST.)//	
FOX STREET	
SCALE: NONE	DRAWN BY: SL
DATE: MARCH, 2010	CHECKED BY: KC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	596
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
*15CS, 13C, 108, 109R				

### TEMPORARY TRAFFIC SIGNAL LEGEND

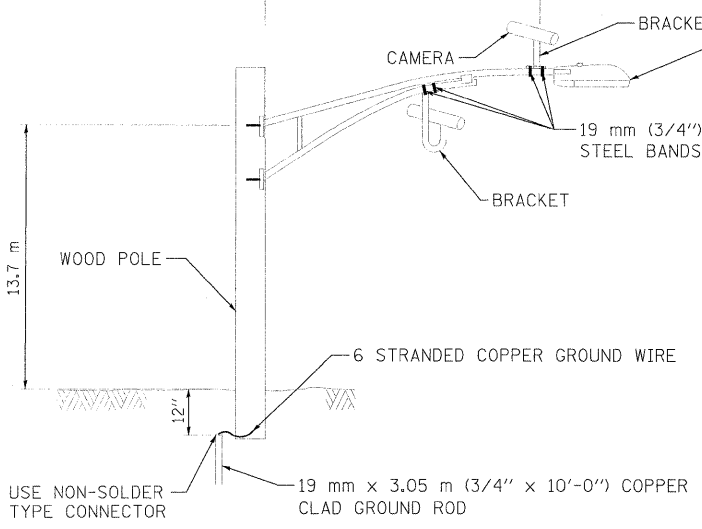
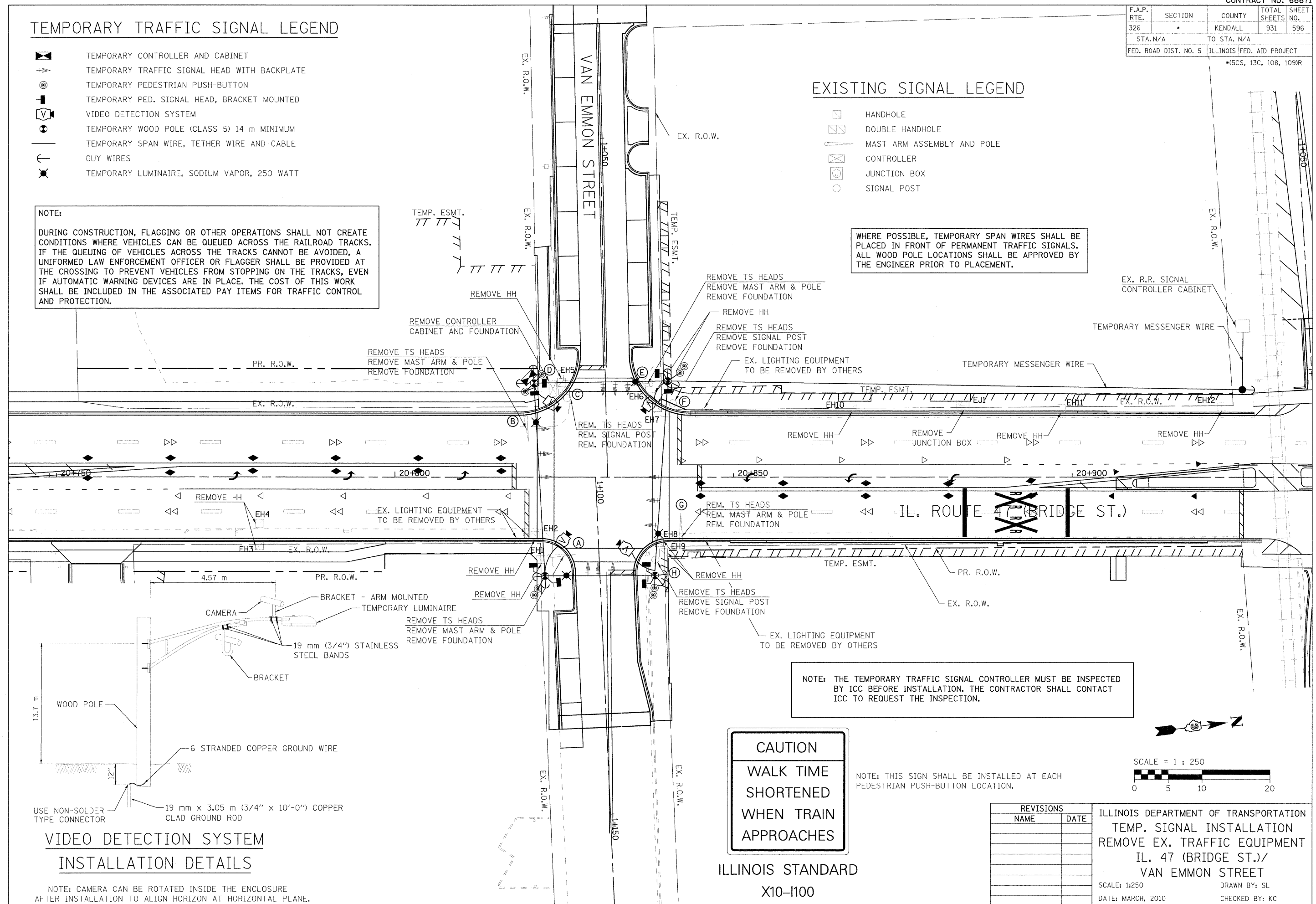
- TEMPORARY CONTROLLER AND CABINET
- TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- TEMPORARY PEDESTRIAN PUSH-BUTTON
- TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
- VIDEO DETECTION SYSTEM
- TEMPORARY WOOD POLE (CLASS 5) 14 m MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- GUY WIRES
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 250 WATT

### EXISTING SIGNAL LEGEND

- HANDHOLE
- DOUBLE HANDHOLE
- MAST ARM ASSEMBLY AND POLE
- CONTROLLER
- JUNCTION BOX
- SIGNAL POST

**NOTE:**  
 DURING CONSTRUCTION, FLAGGING OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEMS FOR TRAFFIC CONTROL AND PROTECTION.

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.



### VIDEO DETECTION SYSTEM INSTALLATION DETAILS

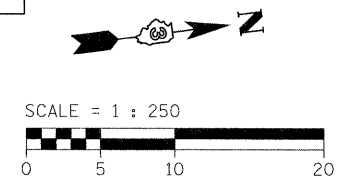
NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.

NOTE: THE TEMPORARY TRAFFIC SIGNAL CONTROLLER MUST BE INSPECTED BY ICC BEFORE INSTALLATION. THE CONTRACTOR SHALL CONTACT ICC TO REQUEST THE INSPECTION.

**CAUTION**  
 WALK TIME  
 SHORTENED  
 WHEN TRAIN  
 APPROACHES

ILLINOIS STANDARD  
 X10-1100

NOTE: THIS SIGN SHALL BE INSTALLED AT EACH PEDESTRIAN PUSH-BUTTON LOCATION.



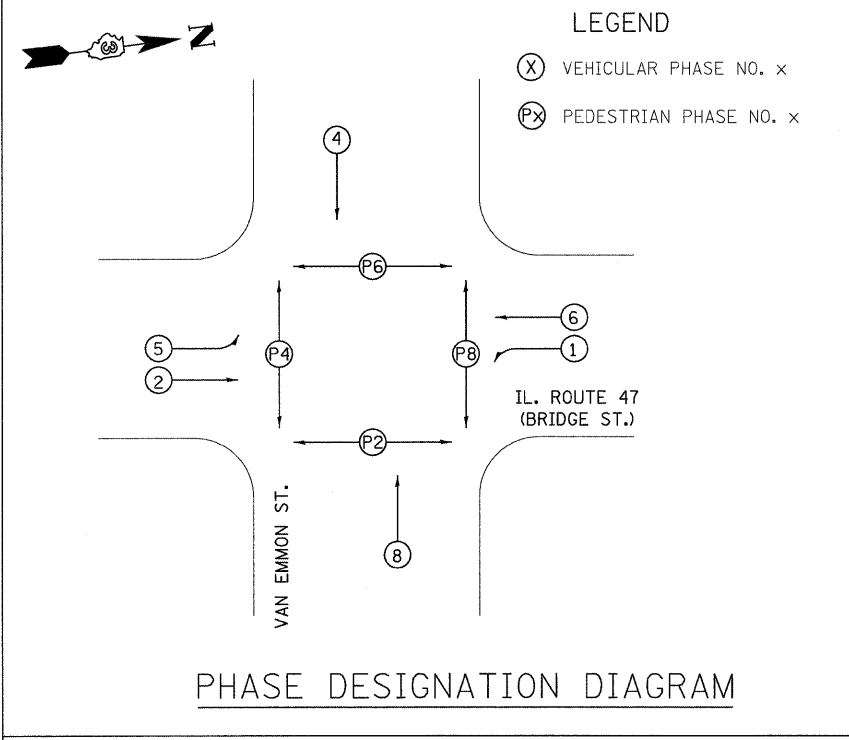
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMP. SIGNAL INSTALLATION  
 REMOVE EX. TRAFFIC EQUIPMENT  
 IL. 47 (BRIDGE ST.)/  
 VAN EMMON STREET  
 SCALE: 1:250  
 DATE: MARCH, 2010  
 DRAWN BY: SL  
 CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = h:\5122\design\596-597\van\_emmon\_rem.dgn  
 USER = jusepedesol  
 SCALE = 6:2500  
 USER NAME = jusepedesol

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	597
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

\*15CS, 13C, 108, 109IR



**RAILROAD PREEMPTION SEQUENCE**

PHASE	R.R. PREEMPTOR 2					
	TRACK CLEAR	R.R. PREEMPT	HOLD	RETURN TO NORMAL	RR1	RR2
INTERVAL	RR1	RR2	RR3	RR4	RR5	RR6
IL. RTE. 47 SOUTHBOUND	G	Y	R	R	FL.R	G
IL. RTE. 47 NORTHBOUND	R	R	R	R	FL.R	G
VAN EMMON ST.	R	R	G	Y	FL.R	R
PEDESTRIAN SIG. ACROSS VAN EMMON ST.	Hand	Hand	Hand	Hand	DARK	Hand
PEDESTRIAN SIG. ACROSS IL. RTE. 47	Hand	Hand	Hand	Hand	DARK	Hand

- NOTES:**
- WHEN THE RAILROAD PREEMPTION IS CALLED, THE TRACK CLEAR SIGNAL DISPLAY WILL BEGIN ONLY AFTER PROPER VEHICULAR CLEARANCE INTERVALS HAVE BEEN PROVIDED.
  - INDICATIONS WILL BE PRESENT ONLY IF THEY HAVE BEEN ACTUATED.
  - PEDESTRIAN INTERVALS WILL BE SHORTENED WITH RAILROAD PREEMPTION.
  - THE "TRACK CLEAR" PHASE SHALL INCLUDE THE SOUTHBOUND GREEN BALLS AND SOUTHBOUND GREEN LEFT ARROWS.

**TEMPORARY CABLE DIAGRAM LEGEND**

- TEMPORARY CONTROLLER AND CABINET
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 250 WATT

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH**

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND REMAIN THE PROPERTY OF THE CONTRACTOR, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

- 4 EACH MAST ARM ASSEMBLY AND POLE
  - 3 EACH SIGNAL POST
  - 11 EACH SIGNAL HEAD
- ALL PEDESTRIAN SIGNAL HEADS AND NON-CONFORMING PUSH-BUTTONS

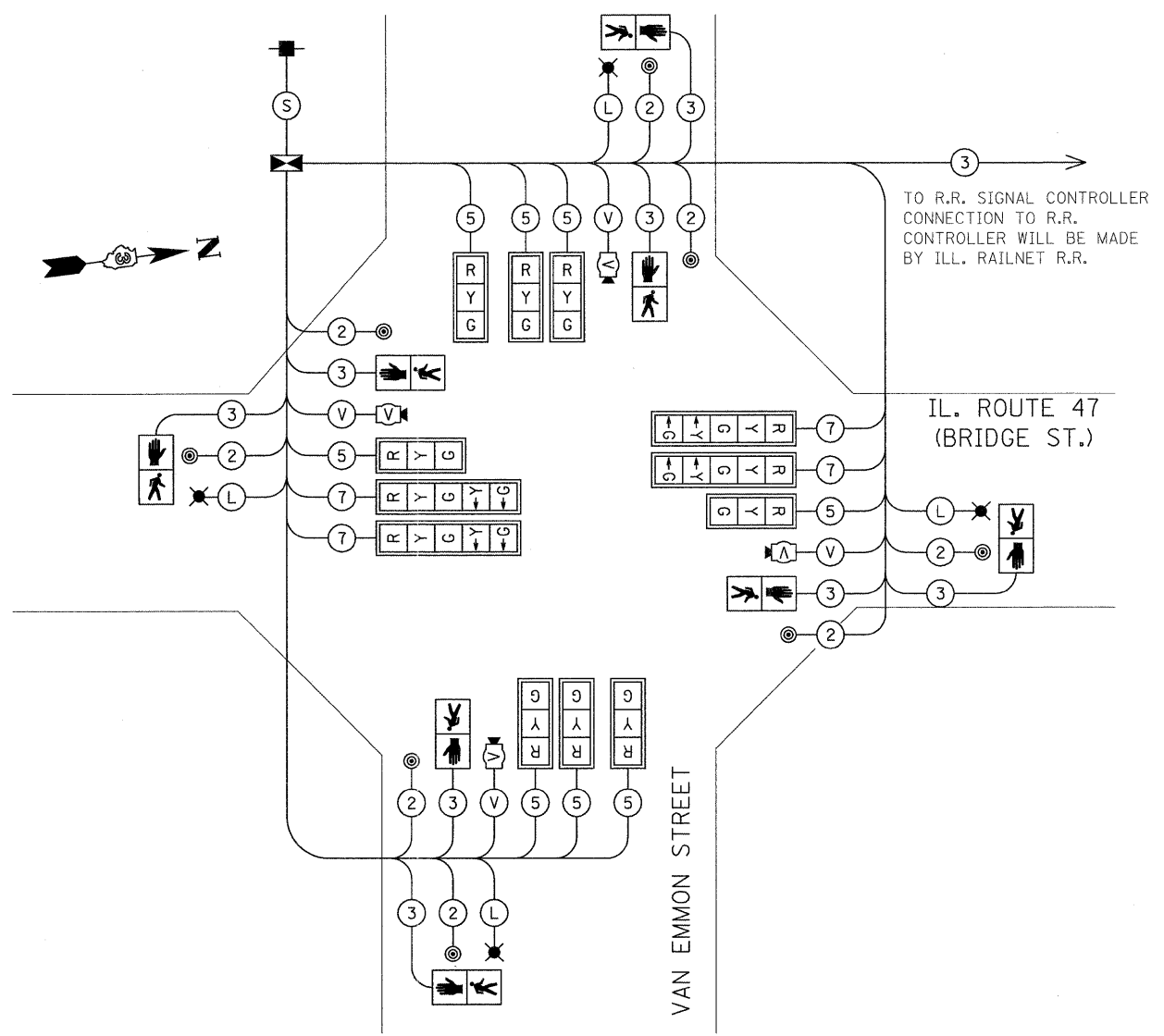
ALL REMAINING REMOVAL ITEMS EXCEPT AS SPECIFIED BELOW SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF YORKVILLE, 610 TOWER LANE, YORKVILLE, IL.

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH SERVICE INSTALLATION
- ALL WIRES

**SCHEDULE OF REMOVAL ITEMS**

ITEM	LOCATION	UNIT	QUANTITIES
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D E, F, G, H	EACH	8
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3, EH4, EH5, EH6 EH7, EH8, EH9, EH10, EH11, EH12	EACH	12
REMOVE EXISTING JUNCTION BOX	EJ1	EACH	1



- (V) VIDEO CAMERA CABLE**  
6 PAIRS, TWISTED REQUIRED  
3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)  
1 PAIR DATA  
1 PAIR COMPOSITE VIDEO  
1 PAIR DETECTOR DATA  
OVERALL SHIELD MINIMUM 16AWG (PAIRS) (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)
- (S) SERVICE CABLE**  
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE**  
600V (XLP-TYPE USE) 3 - 1/C NO.10

**TEMPORARY CABLE DIAGRAM**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TEMPORARY CABLE DIAGRAM IL. 47 (BRIDGE ST.)/ VAN EMMON STREET
NAME	DATE	

SCALE: NONE      DRAWN BY: SL  
DATE: MARCH, 2010      CHECKED BY: KC

PLOT DATE = 8/11/2011  
 FILE NAME = I:\15122\design\596-597\an\_emmon\_rem.dgn  
 PLOT SCALE = 6:3000 in / in.  
 USER NAME = JOSEPHESOL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		KENDALL	931	598
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*5CS, 13C, 108, 109R				

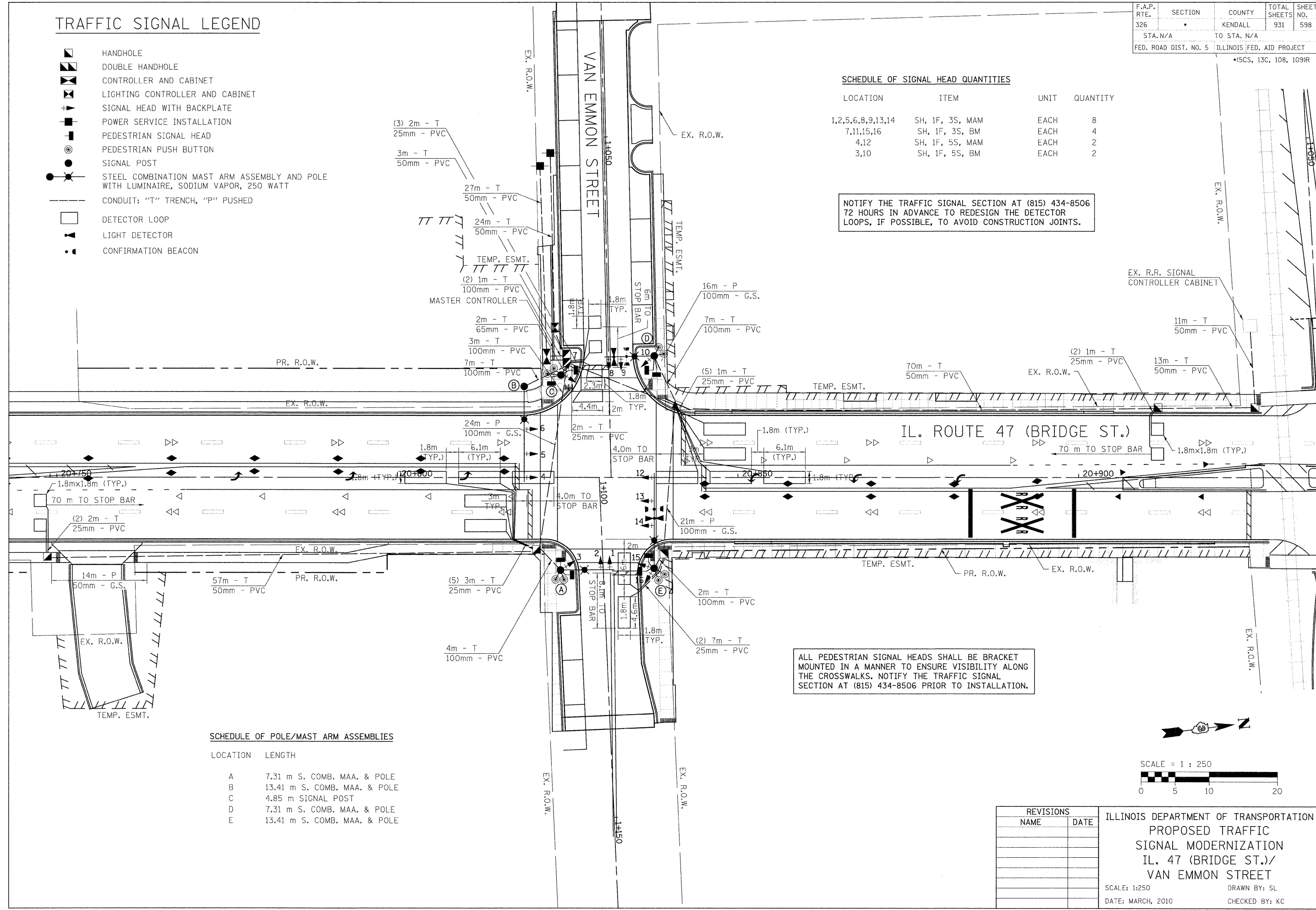
**TRAFFIC SIGNAL LEGEND**

- HANDHOLE
- ▣ DOUBLE HANDHOLE
- ▣ CONTROLLER AND CABINET
- ▣ LIGHTING CONTROLLER AND CABINET
- + SIGNAL HEAD WITH BACKPLATE
- POWER SERVICE INSTALLATION
- PEDESTRIAN SIGNAL HEAD
- ⊙ PEDESTRIAN PUSH BUTTON
- SIGNAL POST
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, 250 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- ▲ LIGHT DETECTOR
- CONFIRMATION BEACON

**SCHEDULE OF SIGNAL HEAD QUANTITIES**

LOCATION	ITEM	UNIT	QUANTITY
1,2,5,6,8,9,13,14	SH, 1F, 3S, MAM	EACH	8
7,11,15,16	SH, 1F, 3S, BM	EACH	4
4,12	SH, 1F, 5S, MAM	EACH	2
3,10	SH, 1F, 5S, BM	EACH	2

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.



**SCHEDULE OF POLE/MAST ARM ASSEMBLIES**

LOCATION	LENGTH
A	7.31 m S. COMB. MAA. & POLE
B	13.41 m S. COMB. MAA. & POLE
C	4.85 m SIGNAL POST
D	7.31 m S. COMB. MAA. & POLE
E	13.41 m S. COMB. MAA. & POLE

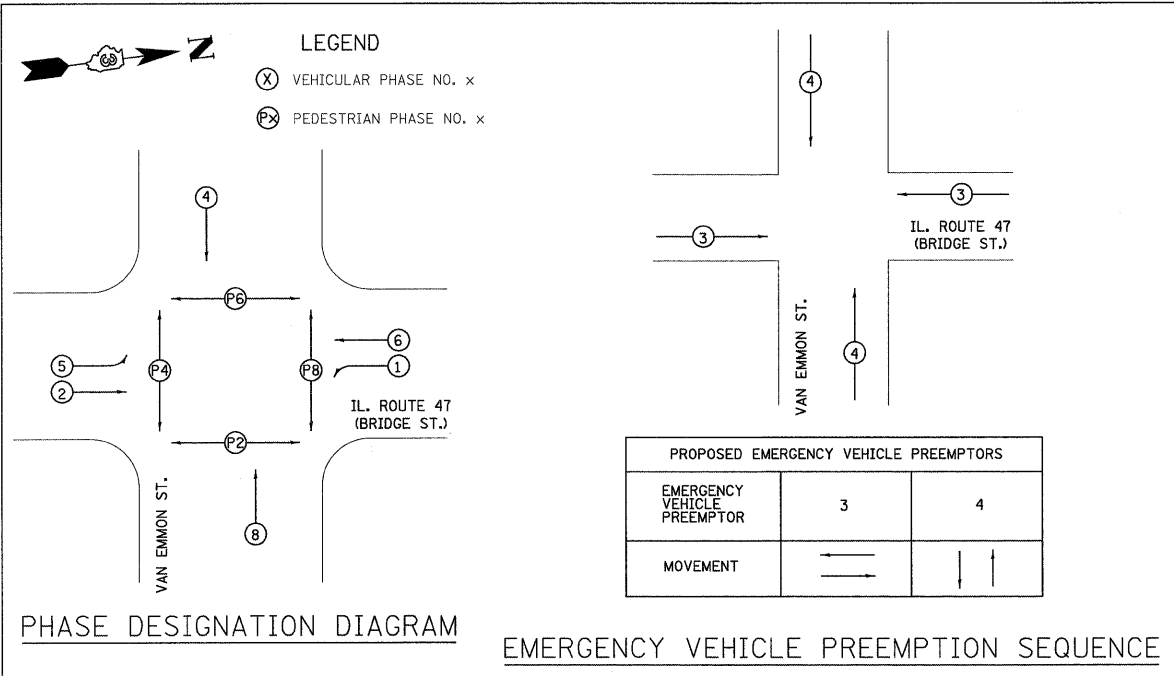
ALL PEDESTRIAN SIGNAL HEADS SHALL BE BRACKET MOUNTED IN A MANNER TO ENSURE VISIBILITY ALONG THE CROSSWALKS. NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 PRIOR TO INSTALLATION.

PLOT DATE = 8/11/2011  
 FILE NAME = H:\122\design\588\van\_emmon\_prop.dgn  
 PLOT SCALE = 63500 IN. / IN.  
 USER NAME = JOSEPH.SCH.

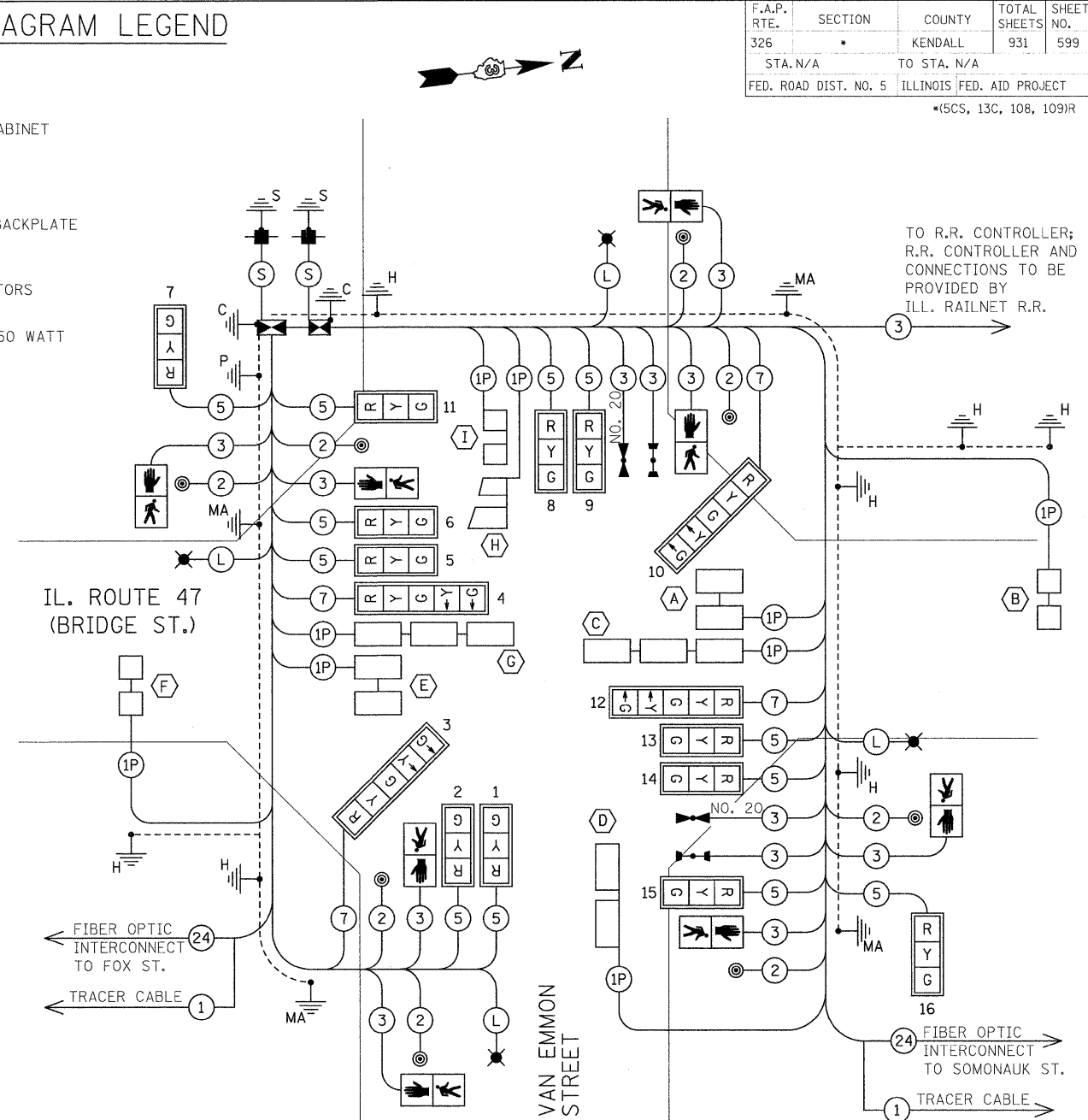
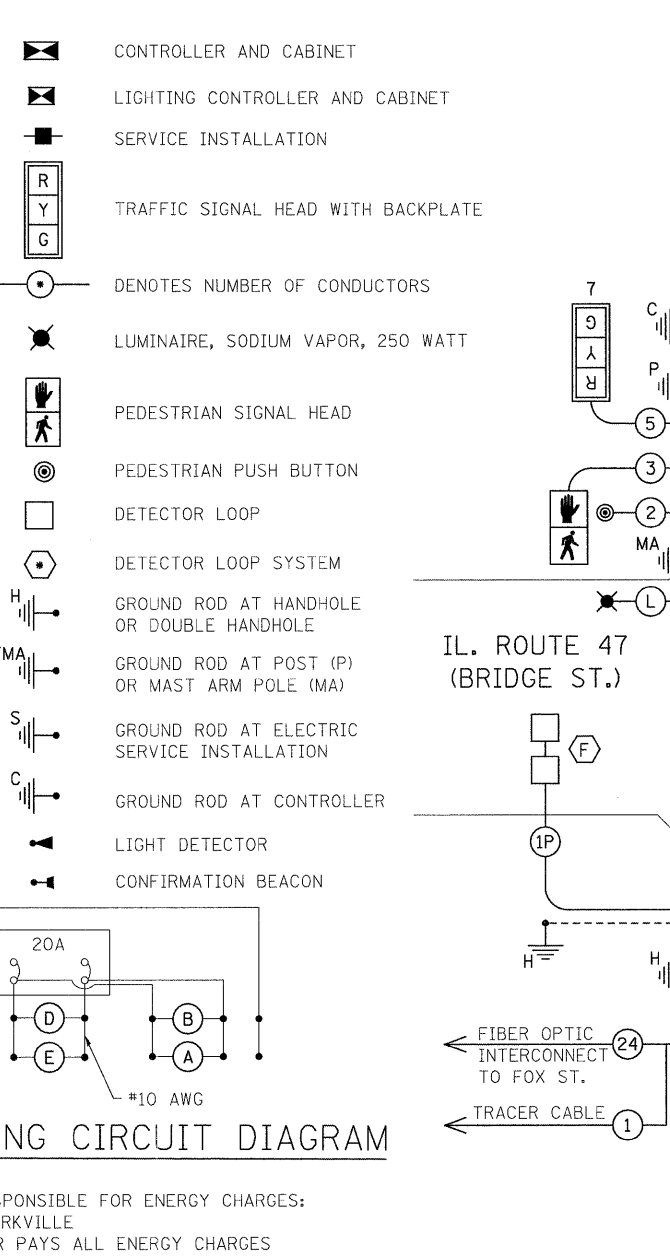
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC  
 SIGNAL MODERNIZATION  
 IL. 47 (BRIDGE ST.)//  
 VAN EMMON STREET  
 SCALE: 1:250  
 DATE: MARCH, 2010  
 DRAWN BY: SL  
 CHECKED BY: KC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	599
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
*15CS, 13C, 10B, 1091R				



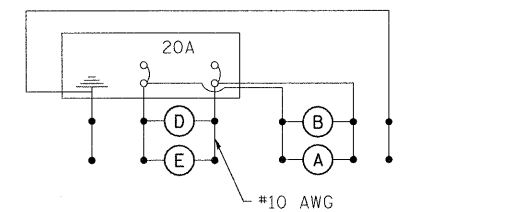
PROPOSED CABLE DIAGRAM LEGEND



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 250 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	9
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	12
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
ROCK EXCAVATION	CU M	4
SIGN PANEL - TYPE 1	SQ M	2.7
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	48
CONDUIT IN TRENCH 50mm DIA., PVC	METER	181
CONDUIT IN TRENCH 65mm DIA., PVC	METER	2
CONDUIT IN TRENCH 100mm DIA., PVC	METER	25
CONDUIT PUSHED, 50mm DIA., GALVANIZED STEEL	METER	14
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	61
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	408
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	606
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	252
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	278
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	294
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	508
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	182
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1 PAIR	METER	869
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	METER	123
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	57
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 7.31 METER	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 13.41 METER	EACH	2
CONCRETE FOUNDATION, TYPE A	METER	1.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 750mm DIAMETER	METER	6.0
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	8.0
DETECTOR LOOP, TYPE 1	METER	359
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	436
REMOVE EXISTING JUNCTION BOX	EACH	1
LIGHTING CONTROLLER, SPECIAL	EACH	1

LIGHTING CIRCUIT DIAGRAM



AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
CITY OF YORKVILLE  
CONTRACTOR PAYS ALL ENERGY CHARGES  
UNTIL PROJECT IS ACCEPTED

RAILROAD PREEMPTION SEQUENCE

PHASE	R.R. PREEMPTOR 2				
	TRACK CLEAR	R.R. PREEMPT	HOLD	RETURN TO NORMAL	
INTERVAL	RR1 RR2	RR3 RR4	RR5	RR6	
IL. RTE. 47 SOUTHBOUND	G Y R R	FL.R	G		
IL. RTE. 47 NORTHBOUND	R R R R	FL.R	G		
VAN EMMON ST.	R R G Y	FL.R	R		
PEDESTRIAN SIG. ACROSS VAN EMMON ST.	⬇	⬇	⬇	DARK	⬆
PEDESTRIAN SIG. ACROSS IL. RTE. 47	⬇	⬇	⬇	DARK	⬆

- NOTES:
- WHEN THE RAILROAD PREEMPTION IS CALLED, THE TRACK CLEAR SIGNAL DISPLAY WILL BEGIN ONLY AFTER PROPER VEHICULAR CLEARANCE INTERVALS HAVE BEEN PROVIDED.
  - INDICATIONS WILL BE PRESENT ONLY IF THEY HAVE BEEN ACTUATED.
  - PEDESTRIAN INTERVALS WILL BE SHORTENED WITH RAILROAD PREEMPTION.
  - THE "TRACK CLEAR" PHASE SHALL INCLUDE THE SOUTHBOUND GREEN BALLS AND SOUTHBOUND GREEN LEFT ARROWS.
  - THE RAILROAD PREEMPTOR 2 SHALL HAVE PRIORITY OVER THE EMERGENCY VEHICLE PREEMPTORS.

CABLE DIAGRAM

CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2  
MASTER CONTROLLER SPECIFIED: ECONOLITE ASC 2M-1000  
PEDESTRIAN PUSH-BUTTONS: 4 EVR ROUND MODEL  
LUMINAIRES: 250 WATT HPS STERNBERG 1914A/CHS LUMINAIRES

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

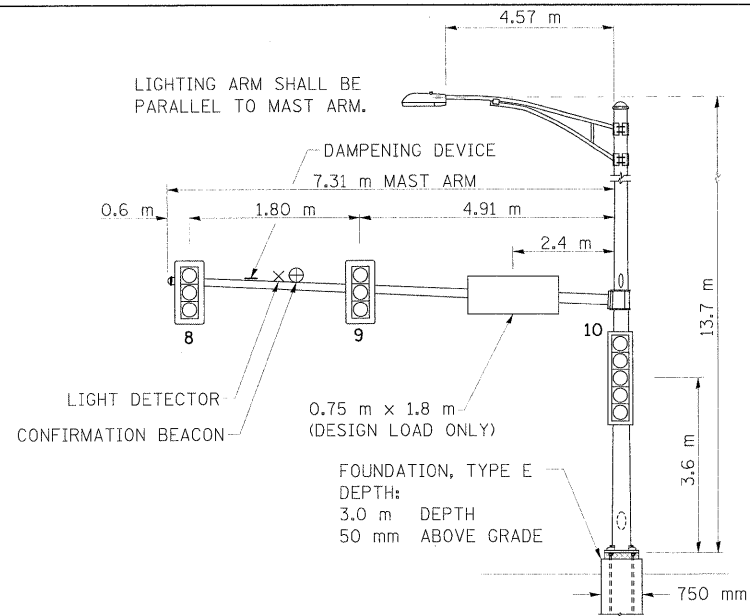
- (S) SERVICE CABLE  
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE  
600V (XLP-TYPE USE) 3 - 1/C NO.10

REVISIONS	
NAME	DATE

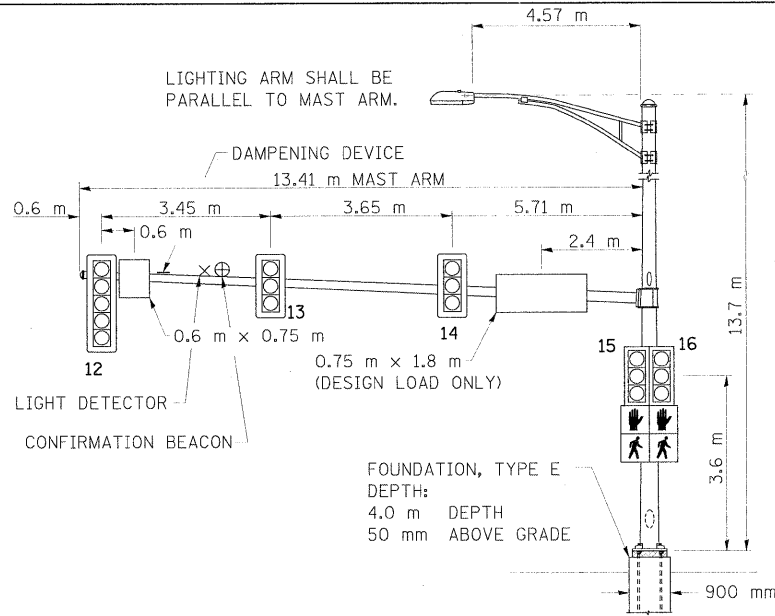
ILLINOIS DEPARTMENT OF TRANSPORTATION  
PHASE DIAGRAM, CABLE DIAGRAM  
SCHEDULE OF QUANTITIES  
IL. 47 (BRIDGE ST.)/  
VAN EMMON STREET  
SCALE: NONE  
DATE: MARCH, 2010  
DRAWN BY: SL  
CHECKED BY: KC

PLOT DATE = 8/11/2011  
FILE NAME = H:\S12\design\599\ven\_emmon\_cable.dgn  
PLOT SCALE = 6:3000 m / 1in.  
USER NAME = JOSEPHSCH

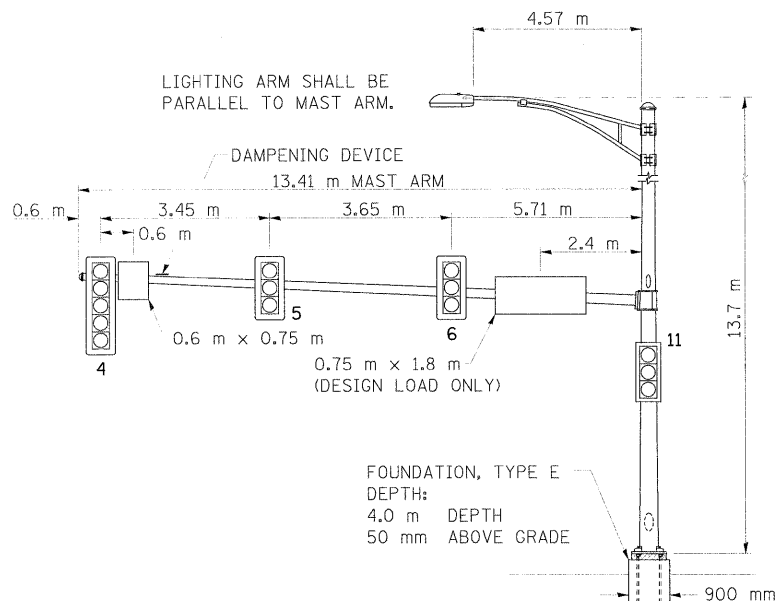
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	600
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		



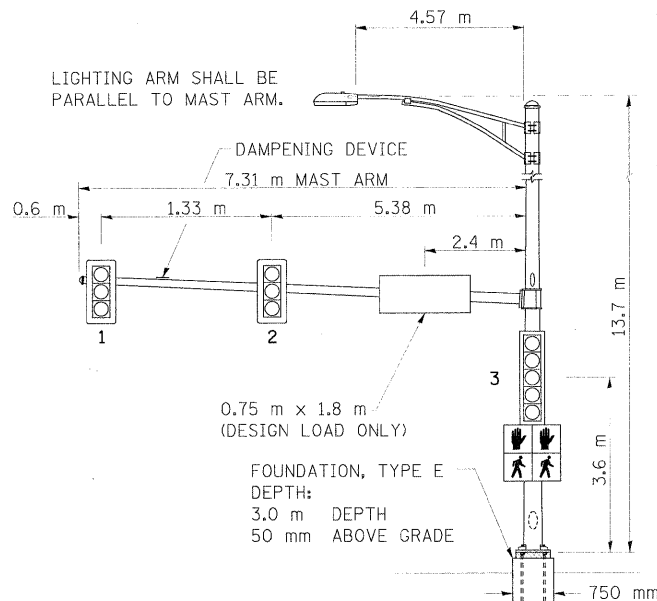
MAST ARM NORTHWEST QUADRANT (D)



MAST ARM NORTHEAST QUADRANT (E)



MAST ARM SOUTHWEST QUADRANT (B)



MAST ARM SOUTHEAST QUADRANT (A)

ELECTRICAL LOAD CHART

IL ROUTE 47

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	10	12	60
YELLOW	10	32	5
GREEN	10	12	35
YELLOW ARROW	4	12	5
GREEN ARROW	4	11	10
↑	4	7	5
↓	4	7	95

VAN EMMON STREET

RED	6	12	70
YELLOW	6	32	5
GREEN	6	12	25
↑	4	7	5
↓	4	7	95

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
MASTER CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR	9	1.5	100
UNINTERRUPTIBLE POWER SUPPLY	1	50	100
LIGHT DETECTOR AMPLIFIER	1	1.5	100

HIGHWAY LIGHTING

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	4	250	45

NOTES:

- WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 100 mm ABOVE THE SURROUNDING GROUND.
- ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
- FOUNDATION SHOULD BE 50mm ABOVE GROUND OR 0.35m ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.

DETECTOR LOOP INDUCTANCE CHART

DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	533	26,419	OFF
B	5	423	29,675	ON
C	4	793	21,659	ON
D	4	452	28,688	ON
E	4	542	26,198	OFF
F	5	433	29,330	ON
G	4	802	21,537	ON
H	4	492	27,516	ON
I	5	362	32,078	ON

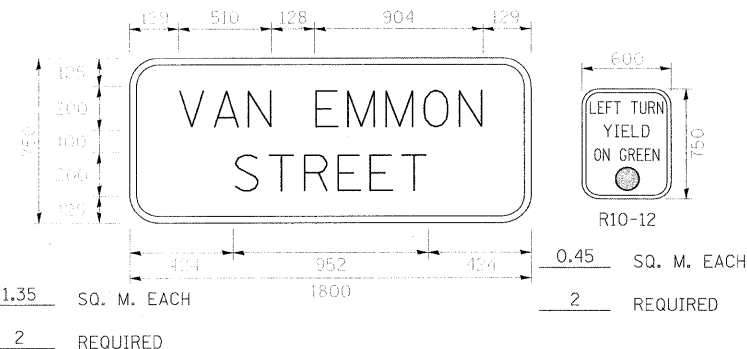
NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

STREET SIGN DETAIL

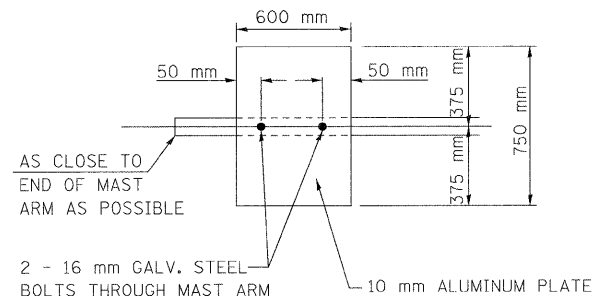
THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

STREET NAME SIGNS:

- TYPE ZZ SHEETING REQUIRED
- WHITE/GREEN BACKGROUND
- STYLE (d)-15 mm BORDER
- 200 mm SERIES D LETTERS
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

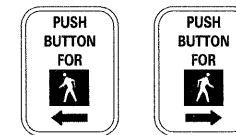


NOTE: DAMPENING DEVICE SHALL CONSIST OF A 600mm X 750mm TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 750mm LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



DAMPENING PLATE DETAIL (TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY

PEDESTRIAN CROSSING SIGN DETAIL



8 REQUIRED

DIMENSIONS: 230mm x 305mm (TYP.)  
LEGEND AND BORDER: NON-REFLECTORIZED BLACK  
BACKGROUND: NON-REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
MAST ARM LOADING DIAGRAM  
ELECTRICAL LOAD CHART  
SIGN DETAILS  
IL. 47 (BRIDGE ST.)/  
VAN EMMON STREET

SCALE: NONE  
DATE: MARCH, 2010

DRAWN BY: SL  
CHECKED BY: KC