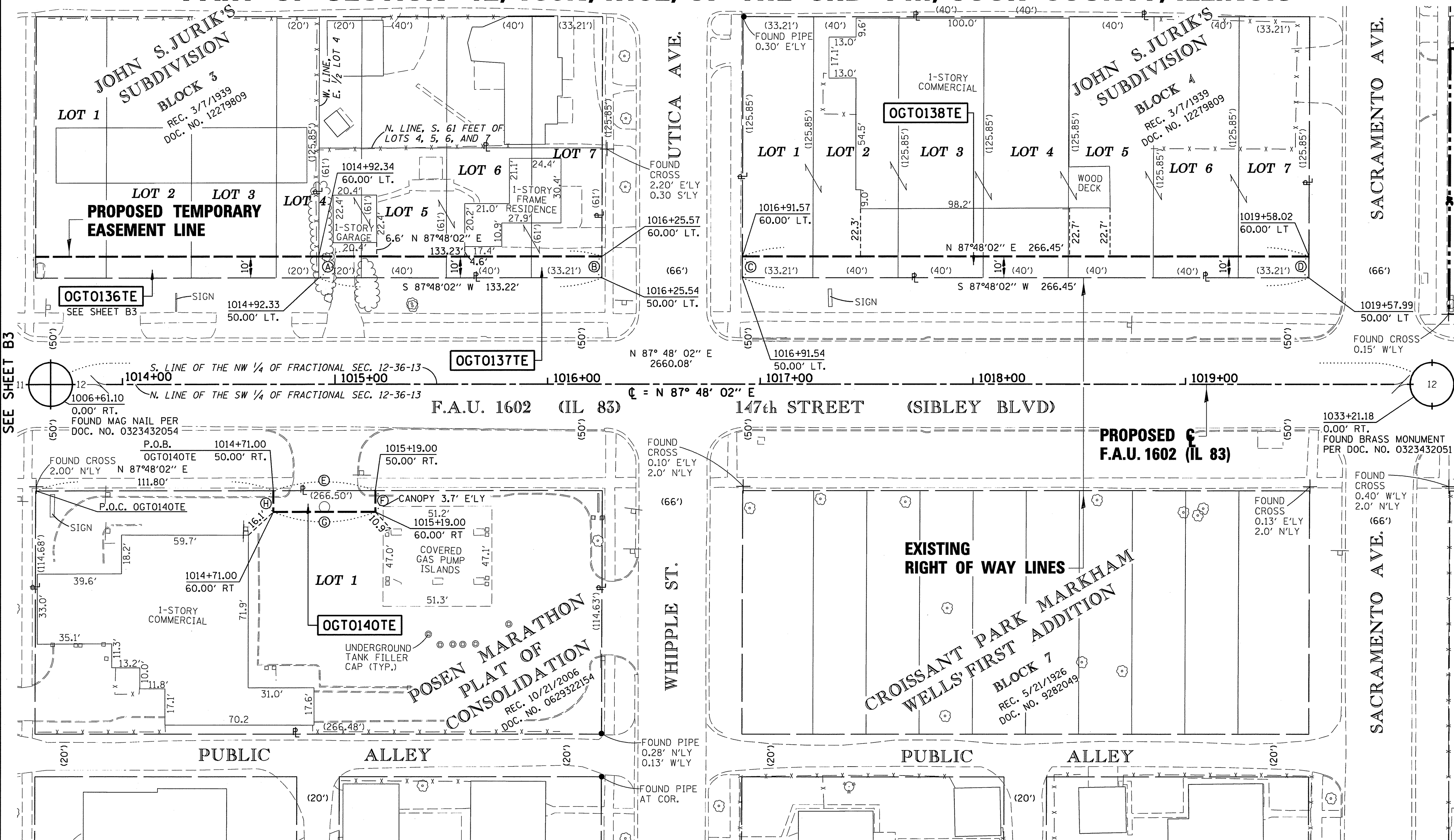
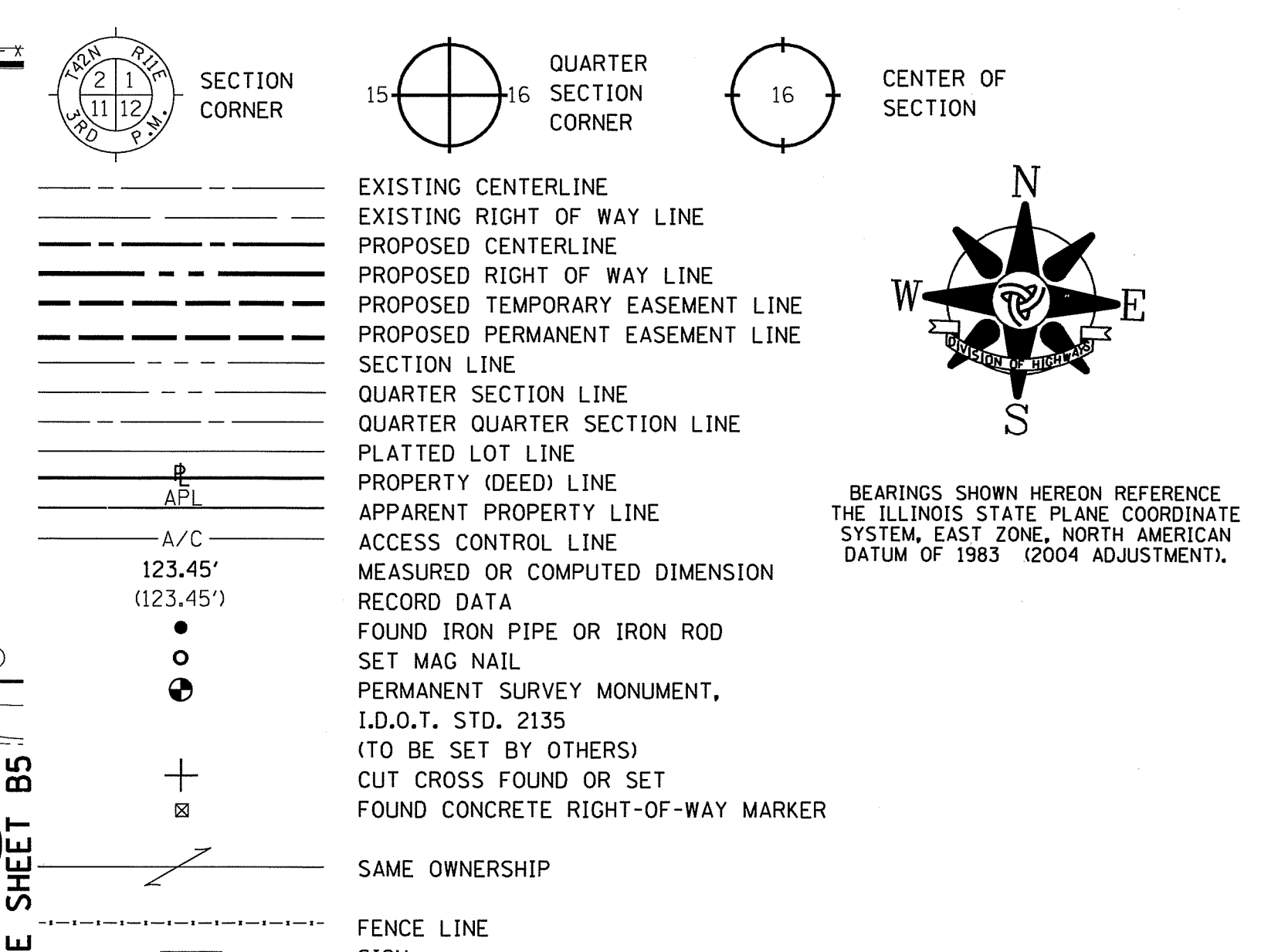


PART OF SECTION 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS

LEGEND



THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN FRACTIONAL SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

C. F. Fidis

COVENTINE FIDIS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
LICENSE EXPIRATION DATE 11/30/2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

LINE LEGEND

(A)	N 2°03'21" W	10.00'
(B)	S 2°02'48" E	10.00'
(C)	N 2°02'48" W	10.00'
(D)	S 2°02'02" E	10.00'
(E)	N 87°48'02" E	48.00'
(F)	S 2°12'35" E	10.00'
(G)	S 87°48'02" W	48.00'
(H)	N 2°12'35" W	10.00'

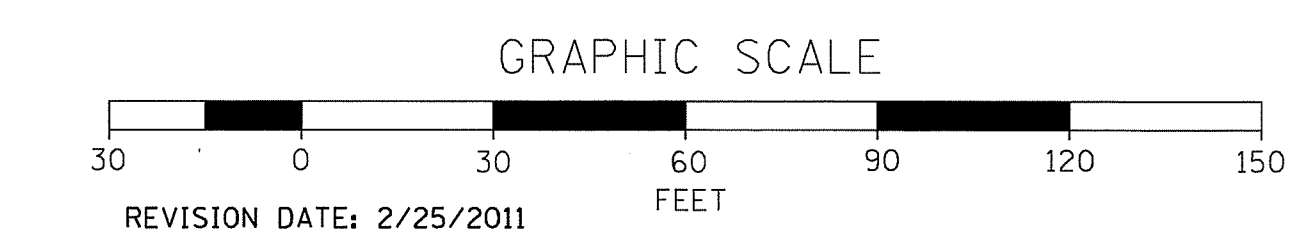
NOTE: EXISTING RIGHT OF WAY LINES BY SUBDIVISIONS OF RECORD

RECEIVED
JUN 15 2012
PLATS & LEGALS

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGTO137TE	ADELAIDA GARCIA	28-12-119-036	0.187 AC	—	—	0.187 AC	0.031 AC	—	CONSTRUCTION	
OGTO138TE	JOE G. DEYOUNG AND DARLENE M. DEYOUNG, AS TRUSTEES UNDER THE JOE G. DEYOUNG LIVING TRUST, DATED JUNE 21, 1999, AS TO AN UNDIVIDED 50% INTEREST, AND DARLENE M. DEYOUNG AND JOE G. DEYOUNG AS, AS TRUSTEES UNDER THE DARLENE M. DEYOUNG LIVING TRUST, DATED JUNE 21, 1999, AS TO AN UNDIVIDED 50% INTEREST	28-12-120-023 28-12-120-024 28-12-120-025 28-12-120-026	0.751 AC	—	—	0.751 AC	0.061 AC	—	CONSTRUCTION	
OGTO140TE	PETRO KANISA, INC.	28-12-302-063	0.702 AC	—	—	0.702 AC	0.011 AC	—	CONSTRUCTION	



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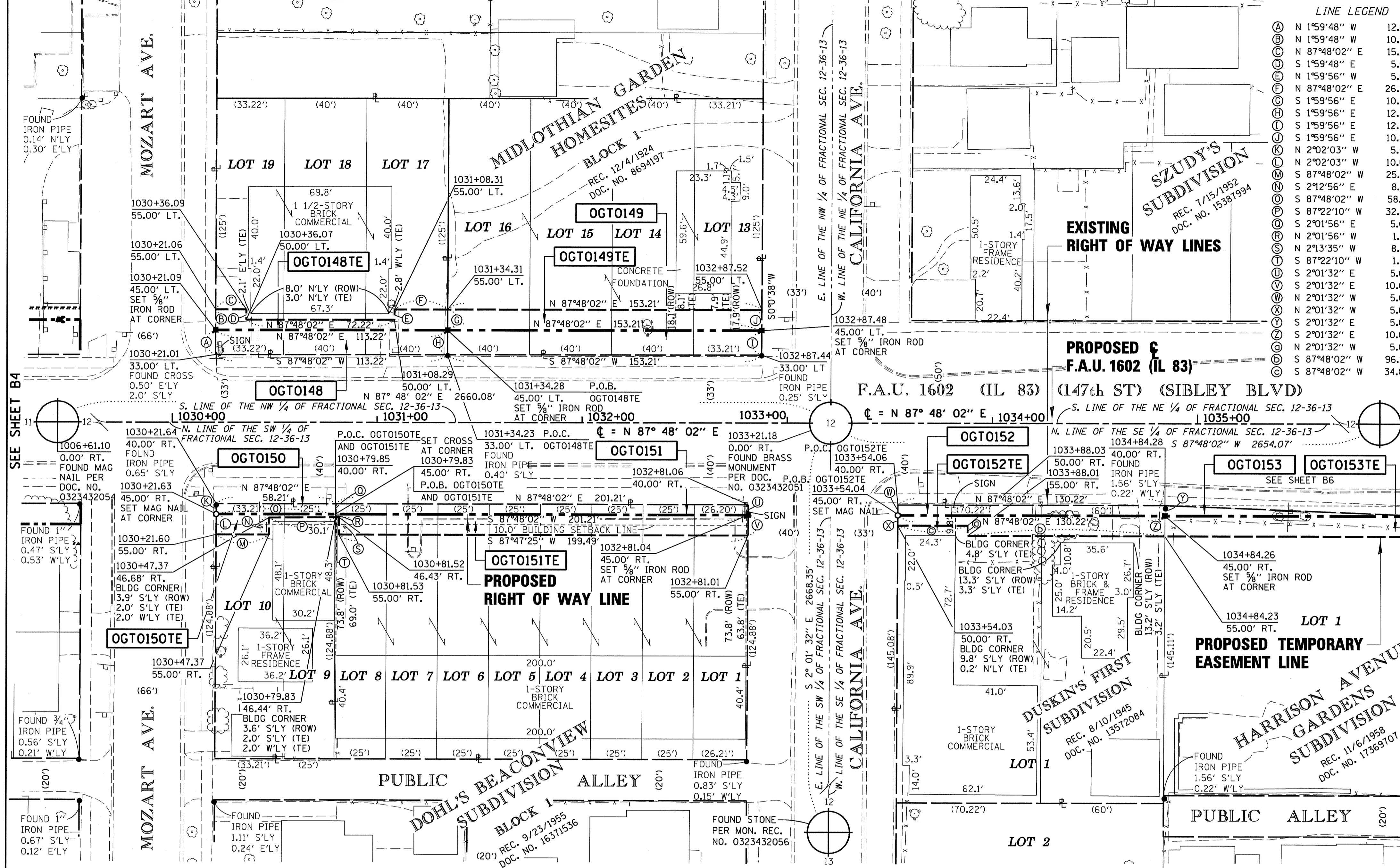
REVISION DATE: 2/25/2011
REVISION DATE: 2/17/2012
ASE JOB NO. 209021

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1602 (IL 83)
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-004-09
STATION: 1015+00 TO STATION: 1020+00
SCALE: 1" = 30' SHEET B4 OF B8

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196 301 of 577

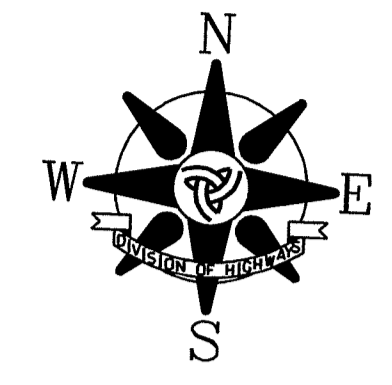
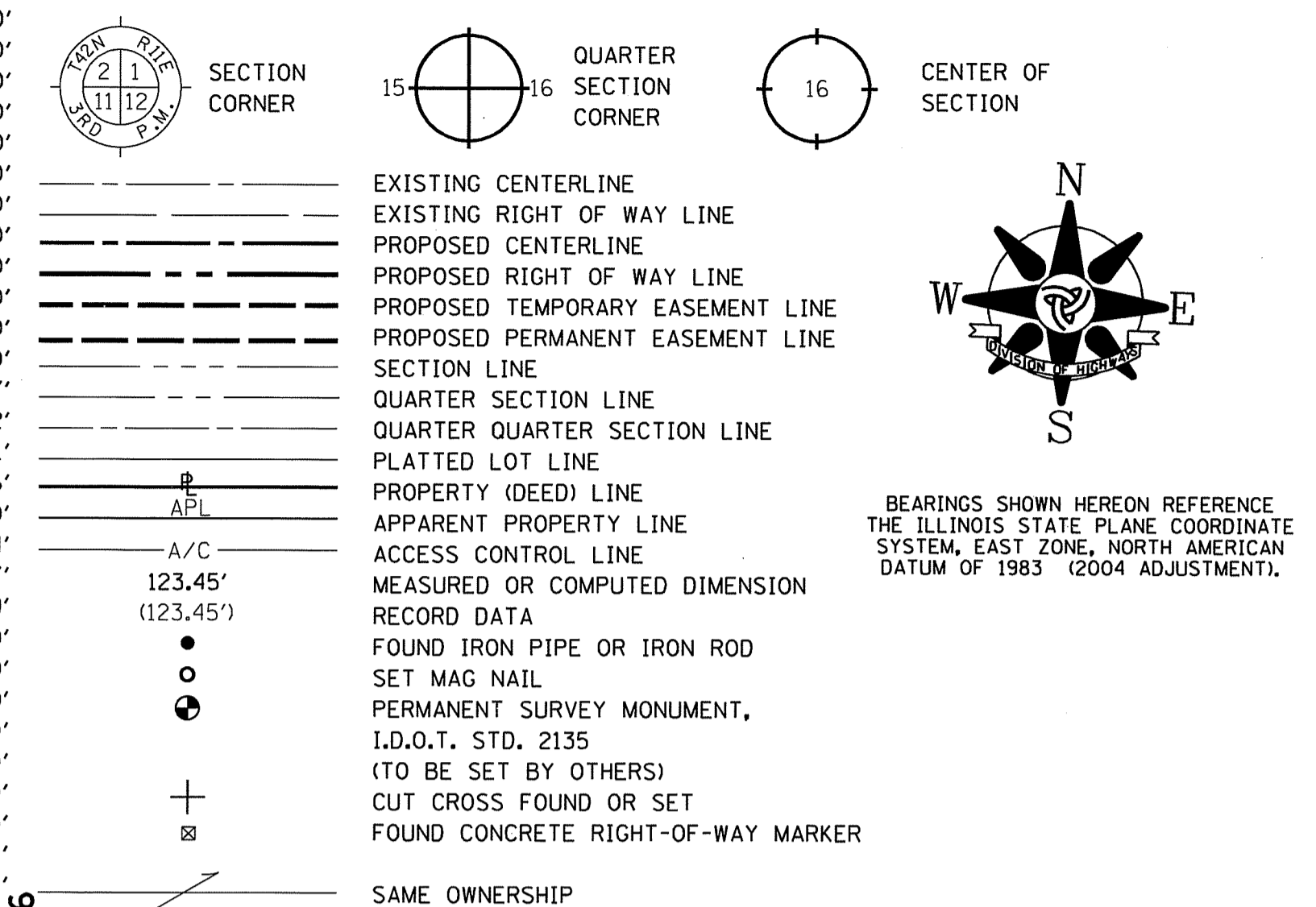
PART OF SECTION 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS



LINE LEGEND

(A)	N 1°59'48" W	12.00'
(B)	N 1°59'48" W	10.00'
(C)	N 87°48'02" E	15.00'
(D)	S 1°59'48" E	5.00'
(E)	N 1°59'56" W	5.00'
(F)	N 87°48'02" E	26.00'
(G)	S 1°59'56" E	10.00'
(H)	S 1°59'56" E	12.00'
(I)	S 1°59'56" E	12.00'
(J)	N 2°02'03" W	5.00'
(K)	N 2°02'03" W	10.00'
(L)	S 87°48'02" W	25.77'
(M)	S 2°12'56" E	8.32'
(N)	S 87°48'02" W	58.21'
(O)	S 87°22'10" W	32.46'
(P)	S 2°01'56" E	5.00'
(Q)	N 2°01'56" W	1.44'
(R)	N 2°13'35" W	8.57'
(S)	S 87°22'10" W	1.69'
(T)	S 2°01'32" E	5.00'
(U)	S 2°01'32" E	10.00'
(V)	N 2°01'32" W	5.00'
(W)	S 2°01'32" E	5.00'
(X)	S 2°01'32" E	10.00'
(Y)	N 2°01'32" W	5.00'
(Z)	S 87°48'02" W	96.22'
(AA)	S 87°48'02" W	34.00'

LEGEND



BEARINGS SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2004 ADJUSTMENT).

PROPOSED F.A.U. 1602 (IL 83) (147th ST) (SIBLEY BLVD)
 S. LINE OF THE NE 1/4 OF FRACTIONAL SEC. 12-36-13
 C = N 87° 48' 02" E, 1034+00'
 S. LINE OF THE NW 1/4 OF FRACTIONAL SEC. 12-36-13
 C = N 87° 48' 02" E, 1033+00'
 N. LINE OF THE SE 1/4 OF FRACTIONAL SEC. 12-36-13
 C = N 87° 48' 02" E, 1035+00'

SEE SHEET B6

T1
T2
T3

BT1
BT2
BT3

M

U

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN FRACTIONAL SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

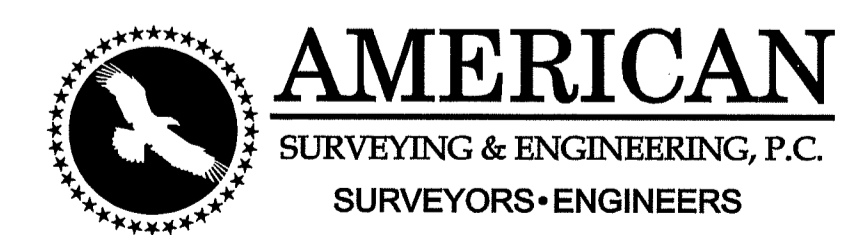
C. F. Fidis



COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

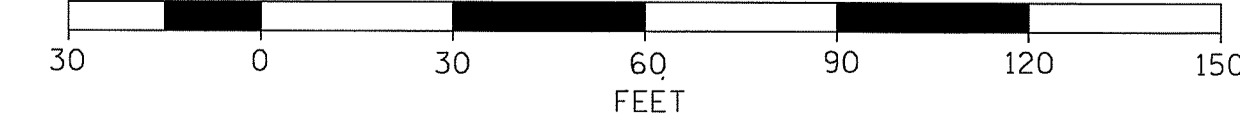
PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0148	HARRIS, N.A. AS SUCCESSOR TO HARRIS TRUST AND SAVINGS BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 5, 1983 KNOWN AS TRUST NO. 42370	28-12-124-037	0.325 AC	0.031 AC		0.294 AC		0.018 AC	CONSTRUCTION	
OGT0149	HARRIS, N.A. AS SUCCESSOR TO HARRIS TRUST AND SAVINGS BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 5, 1983 KNOWN AS TRUST NO. 42374	28-12-124-032	0.440 AC	0.042 AC		0.398 AC		0.035 AC	CONSTRUCTION	
OGT0150	RAYMOND L. FARLEY AND ROSEMARIE FARLEY, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	28-12-321-001 28-12-321-002	0.166 AC	0.007 AC (291 SF)		0.159 AC		0.007 AC (291 SF)	CONSTRUCTION	
OGT0151	FAYEZ MIZYED	28-12-321-003 THRU 28-12-321-010	0.574 AC	0.023 AC		0.551 AC		0.046 AC	CONSTRUCTION	
OGT0152	HERITAGE COUNTY BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JUNE 15, 1981 KNOWN AS TRUST NO. 2199	28-12-400-037 28-12-400-038	0.434 AC	0.015 AC		0.419 AC		0.026 AC	CONSTRUCTION	

NOTE: EXISTING RIGHT OF WAY LINES BY SUBDIVISIONS OF RECORD



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GRAPHIC SCALE



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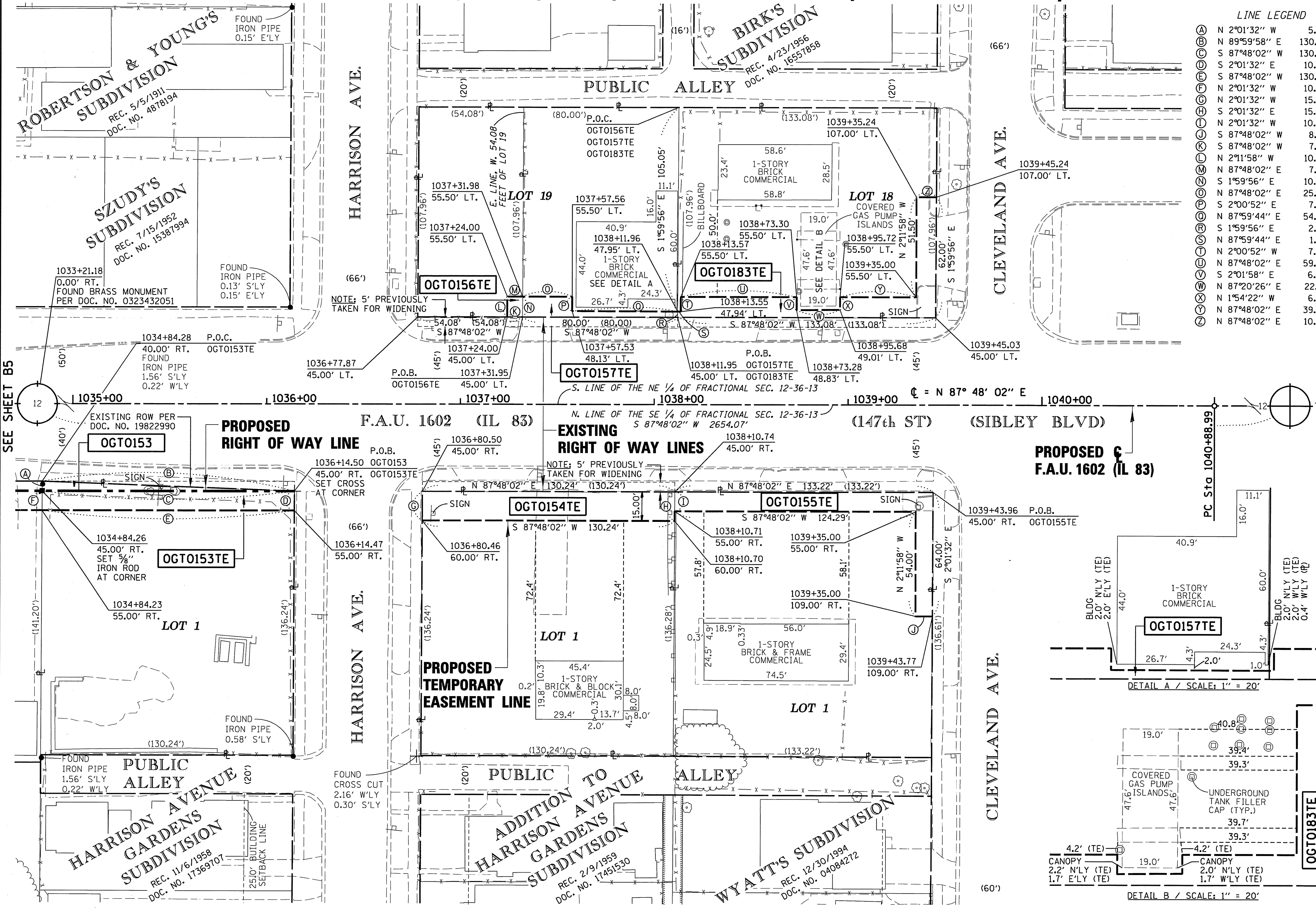
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1602 (IL 83)
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: COOK COUNTY
 PROJECT: JOB NO. R-90-004-09
 STATION: 1030+00 TO STATION: 1035+00
 SCALE: 1" = 30' SHEET B5 OF B8

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

302 of 577

PART OF SECTION 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS



LINE LEGEND

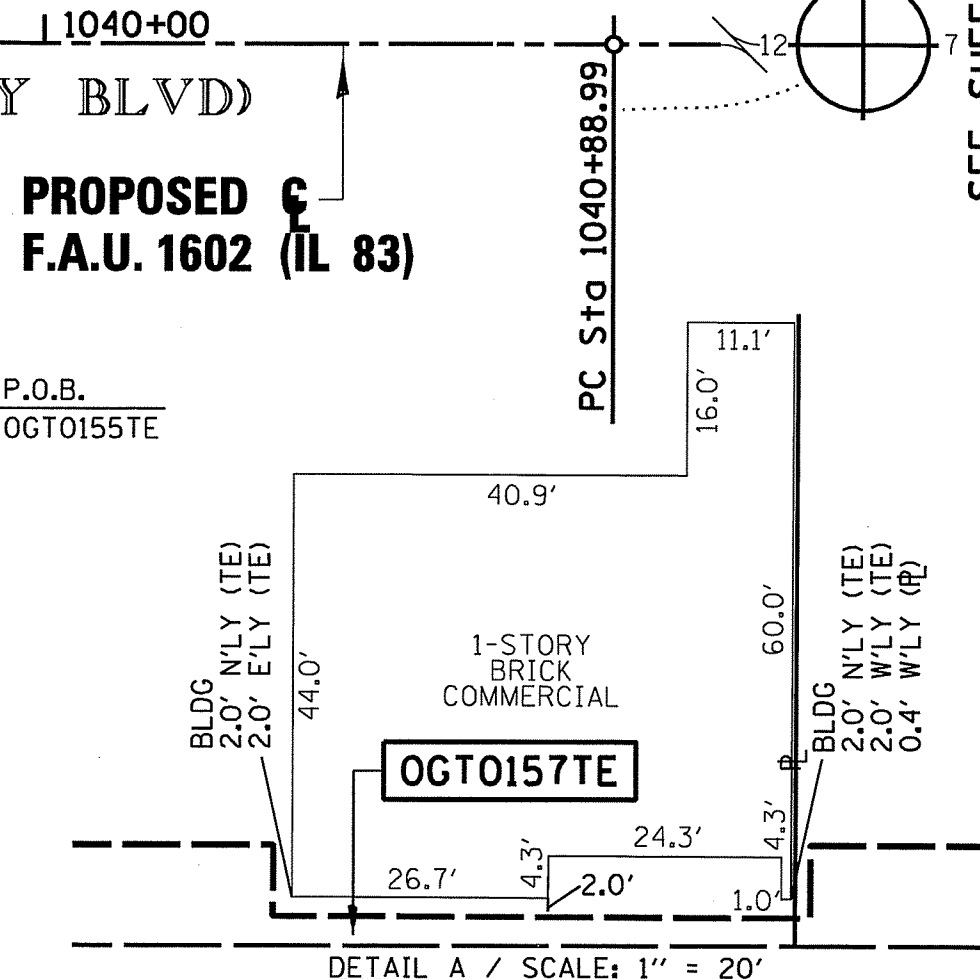
N 2°01'32" W	5.00'
N 89°59'58" E	130.32'
S 87°48'02" W	130.24'
S 2°01'32" E	10.00'
S 87°48'02" W	130.24'
N 2°01'32" W	10.00'
N 2°01'32" W	15.00'
S 2°01'32" E	15.00'
N 2°01'32" W	10.00'
S 87°48'02" W	8.77'
S 87°48'02" W	7.94'
N 2°11'58" W	10.50'
N 87°48'02" E	7.98'
S 1°59'56" E	10.50'
N 87°48'02" E	25.57'
S 2°00'52" E	7.37'
N 87°59'44" E	54.42'
S 1°59'56" E	2.95'
N 87°59'44" E	1.59'
N 2°00'52" W	7.56'
N 87°48'02" W	59.72'
S 2°01'58" E	6.67'
N 87°20'26" E	22.41'
N 1°54'22" W	6.49'
N 87°48'02" E	39.28'
N 87°48'02" E	10.24'

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- CENTER OF SECTION
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET MAG NAIL
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- SIGN

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3
 BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3
 M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
 U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.



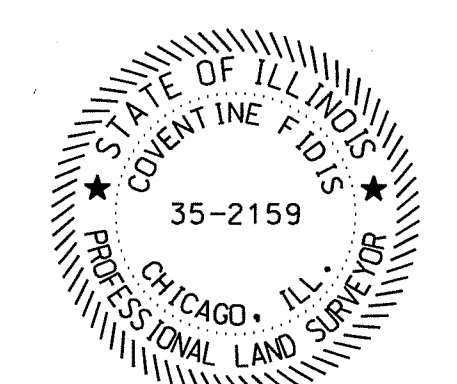
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DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

C. F. Fidis

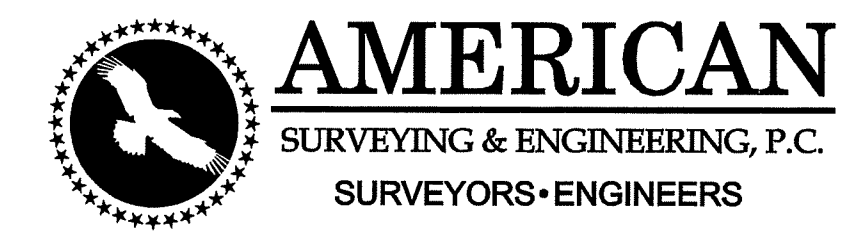
COVENTINE FIDIS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
LICENSE EXPIRATION DATE 11/30/2012

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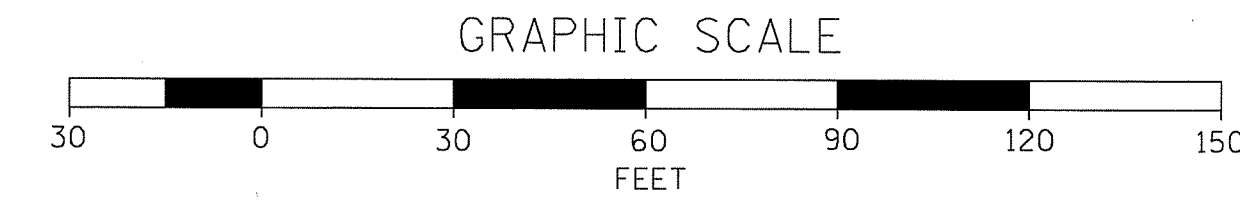


PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0153	THOMAS W. SMITH	28-12-400-045	0.415 AC	0.007 AC (326 SF)		0.408 AC				
OGT0153TE							0.030 AC		CONSTRUCTION	
OGT0154TE	NORTH STAR TRUST COMPANY AS SUCCESSOR TO MB FINANCIAL BANK AS SUCCESSOR TO SOUTH HOLLAND TRUST AND SAVINGS BANK, AS TRUSTEE UNDER TRUST AGREEMENT DATED NOVEMBER 9, 1998 KNOWN AS TRUST NO. 11751	28-12-400-068	0.407 AC			0.407 AC	0.045 AC		CONSTRUCTION	
OGT0155TE	DWAIN L. WYATT AND VIRGINIA L. WYATT, HIS WIFE, AS JOINT TENANTS	28-12-400-101	0.417 AC			0.417 AC	0.042 AC		CONSTRUCTION	
OGT0156TE	ERNEST A. WISNIEWSKI	28-12-225-181	0.134 AC			0.134 AC	0.002 AC (84 SF)		CONSTRUCTION	
OGT0157TE	CONDOR AMERICAN HOLDINGS, A NEW YORK GENERAL PARTNERSHIP	28-12-225-182	0.198 AC			0.198 AC	0.010 AC (434 SF)		CONSTRUCTION	
OGT0183TE	FIRST CHOICE GAS, IL, INC. DBA POSEN GAS & FOOD	28-12-225-073	0.330 AC			0.330 AC	0.040 AC		CONSTRUCTION	

NOTE: EXISTING RIGHT OF WAY LINES BY SUBDIVISIONS OF RECORD



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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1602 (IL 83)
KEDZIE AVENUE TO WESTERN AVENUE

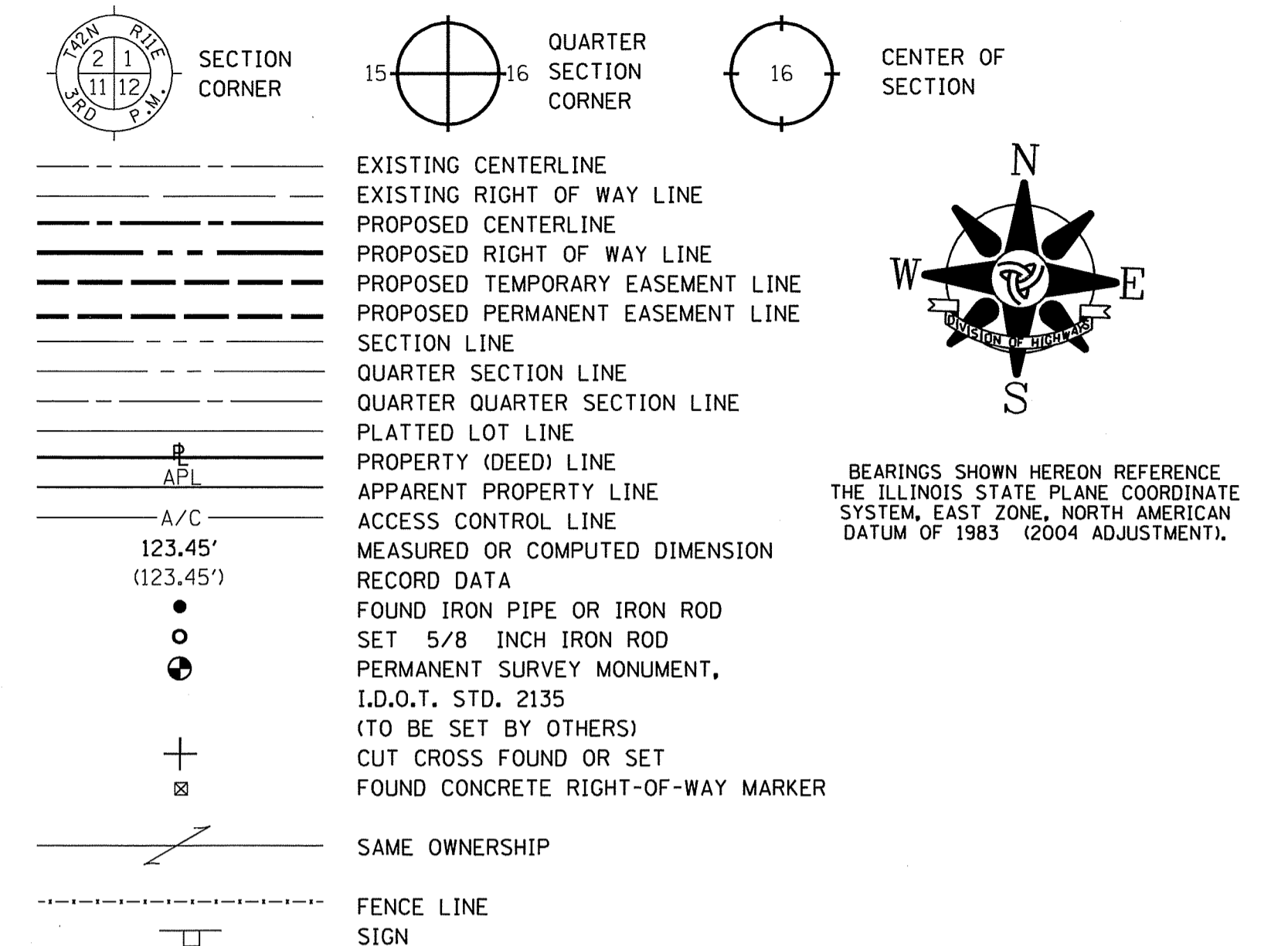
SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-004-09
STATION: 1035+00 TO STATION: 1040+00
SCALE: 1" = 30' SHEET B6 OF B8

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

303 of 577

PART OF SECTION 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS

LEGEND



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 5/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

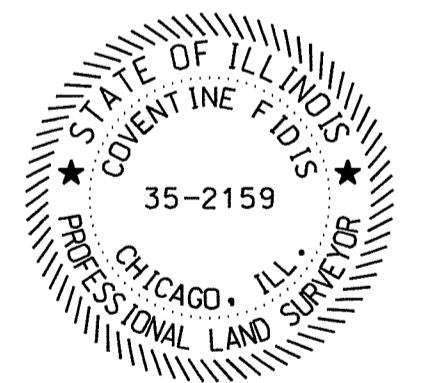
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DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

C.F.

COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2012

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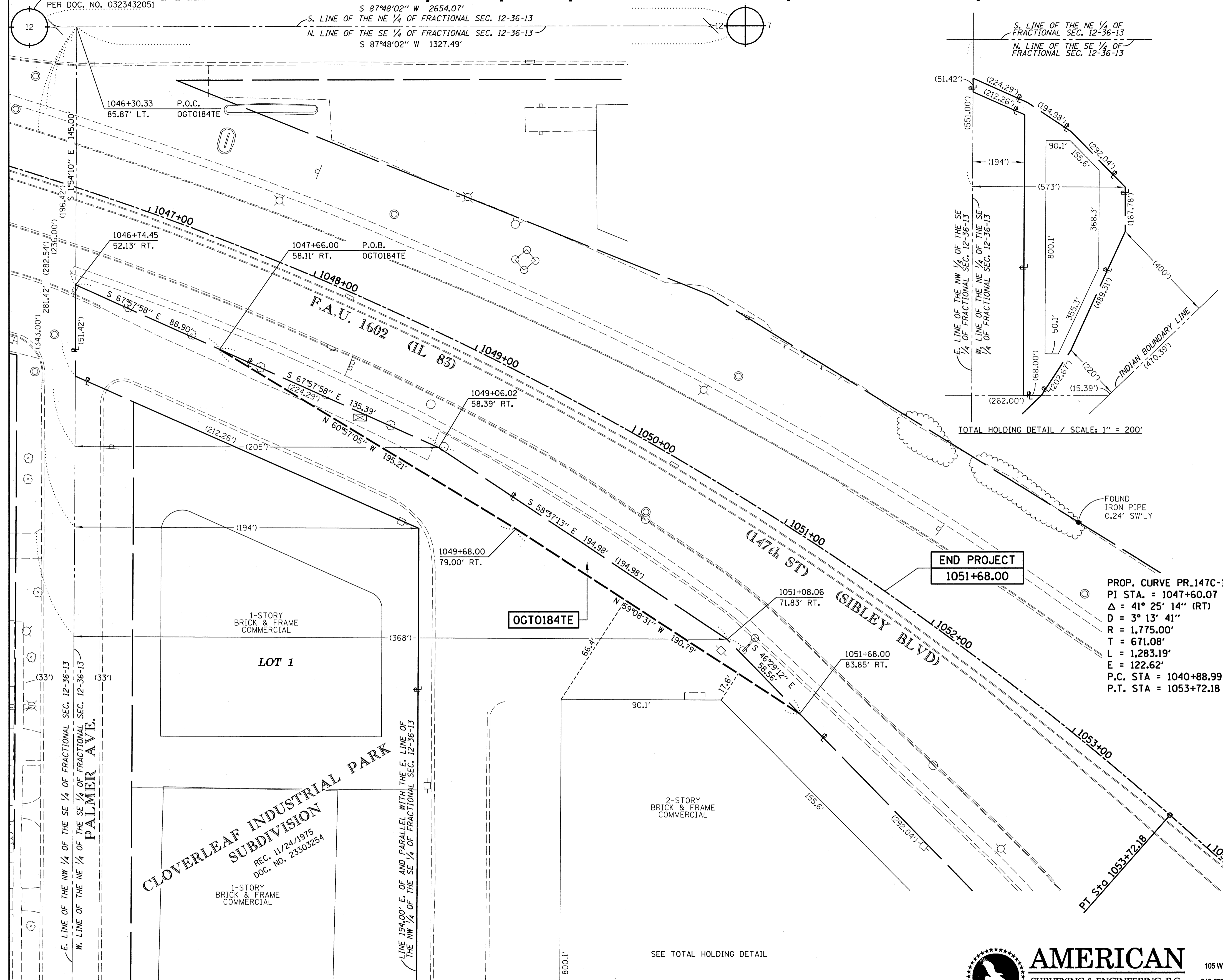


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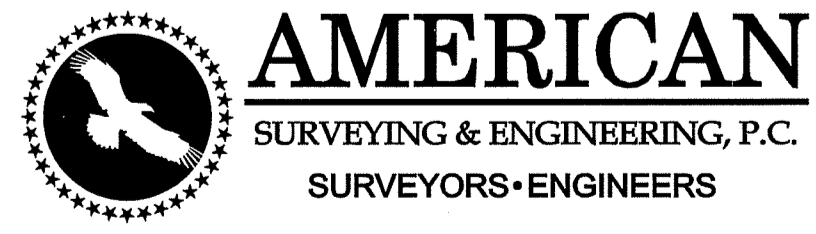
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1602 (IL 83)
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: COOK COUNTY
 PROJECT: JOB NO. R-90-004-09
 STATION: 1046+50 TO STATION: 1051+68.00
 SCALE: 1" = 30' SHEET B7 OF B9

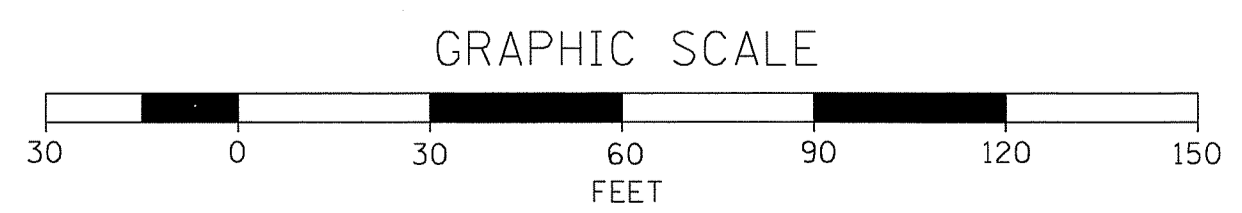
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196 304 of 577



PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0184TE	DANIEL SHEPPEL AS TO A 41% INTEREST AND ROBERT SHEPPEL AND NANCY JACOBIOUS AS TENANTS IN COMMON AS TO AN UNDIVIDED 59% INTEREST	28-12-401-055	6.562 AC	—	—	6.562 AC	0.097 AC	—	CONSTRUCTION	



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 Chicago, IL 60602
 312-277-2000 / Fax 312-277-2002



REVISION DATE: 6/14/2012

ASE JOB NO. 209021

CALCULATIONS BY: M. BARAN

DRAFTING BY: M. BARAN/L. KLEMM

CHECKED BY: C. FIDIS

PART OF SECTION 11 AND 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS

ALIGNMENT AND COORDINATE DATA

**PROPOSED F.A.U. 1602 (IL 83)
SIBLEY BOULEVARD (147th. STREET) CENTERLINE**

POINT 14707 NORTH 1,806,888.100 EAST 1,157,202.318 STA 1000+00.00
 COURSE FROM 14707 TO 24014 N 88° 11' 54" E DIST 661.095
 POINT 24014 NORTH 1,806,908.886 EAST 1,157,863.086 STA 1006+61.10
 COURSE FROM 24014 TO PC PR_147C-1R N 87° 48' 02" E DIST 3,427.890

CURVE DATA

 CURVE PR_147C-1R
 P.I. STATION 1047+60.07 NORTH 1,807,066.189 EAST 1,161,959.037
 DELTA = 41° 25' 14" (RT)
 DEGREE = 3° 13' 41"
 TANGENT = 671.080
 LENGTH = 1,283.192
 RADIUS = 1,775.000
 EXTERNAL = 122.623
 LONG CHORD = 1,255.431
 MID. ORD. = 114.699
 P.C. STATION 1040+88.99 NORTH 1,807,040.436 EAST 1,161,288.451
 P.T. STATION 1053+72.18 NORTH 1,806,641.854 EAST 1,162,478.930
 C.C. NORTH 1,805,266.743 EAST 1,161,356.569
 BACK = N 87° 48' 02" E
 AHEAD = S 50° 46' 44" E
 CHORD BEAR = S 71° 29' 21" E

COURSE FROM PT PR_147C-1R TO PC PR_147C-2 S 50° 46' 44" EAST DIST 850.592

CURVE DATA

 CURVE PR_147C-2 (CHORD DEFINITION)
 P.I. STATION 1067+43.69 NORTH 1,805,774.624 EAST 1,163,541.456
 DELTA = 39° 31' 20" (LT)
 DEGREE = 3° 57' 08"
 TANGENT = 520.921
 LENGTH = 1,000.002
 RADIUS = 1,450.000
 EXTERNAL = 90.733
 LONG CHORD = 980.488
 MID. ORD. = 85.390
 P.C. STATION 1062+22.77 NORTH 1,806,104.011 EAST 1,163,137.893
 P.T. STATION 1072+22.77 NORTH 1,805,777.361 EAST 1,164,062.369
 C.C. NORTH 1,807,227.341 EAST 1,164,054.752
 BACK = S 50° 46' 44" E
 AHEAD = N 89° 41' 56" E
 CHORD BEAR = S 70° 32' 24" E

COURSE FROM PT PR_147C-2 TO 14703 N 89° 41' 56" E DIST 1,062.551

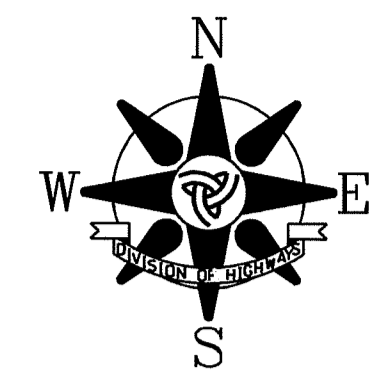
POINT 14703 NORTH 1,805,782.943 EAST 1,165,124.906 STA 1082+85.32

**RIGHT OF WAY CORNERS
F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET)
147th. STREET**

STATION	OFFSET	NORTHING	EASTING	POINT NO.
1005+90.85	50.00' LT.	1806956.653	1157791.301	46099
1005+91.35	50.00' RT.	1806856.718	1157794.944	46098
1006+10.75	70.00' LT.	1806977.268	1157810.564	46100
1006+11.45	70.00' RT.	1806837.360	1157815.664	46097
1007+10.96	70.00' RT.	1806840.851	1157915.603	46094
1007+11.24	70.00' LT.	1806980.759	1157910.503	46101
1007+31.00	50.00' RT.	1806861.606	1157934.859	46096
1007+31.20	50.00' LT.	1806961.539	1157931.216	46102
1030+21.06	45.00' LT.	1807044.419	1160219.582	46228
1030+21.63	45.00' RT.	1806954.507	1160223.604	46027
1030+79.83	45.00' RT.	1806956.741	1160281.771	46026
1031+34.28	45.00' LT.	1807048.764	1160332.718	46226
1032+81.04	45.00' RT.	1806964.463	1160482.830	46025
1032+87.49	45.00' LT.	1807054.644	1160485.815	46238
1033+54.04	45.00' RT.	1806967.264	1160555.776	46325
1034+84.26	45.00' RT.	1806972.262	1160685.900	46324
1036+14.50	45.00' RT.	1806977.260	1160816.044	46315

RIGHT OF WAY CORNER RECOVERY TIES

TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION
T1	88.62'	957	T1	106.39'	956	T1	30.69'	956	T1	52.46'	956
T2	63.96'	958	T2	72.35'	959	T2	3.45'	957	T2	20.07'	957
T3	86.22'	964	T3	86.10'	964	T3	51.73'	958	T3	71.68'	958
T1	108.42'	956	T1	85.95'	964	T1	75.23'	957	T1	125.88'	972
T2	66.85'	957	T2	83.02'	955	T2	29.84'	958	T2	13.04'	972
T3	85.82'	964	T3	105.45'	956	T3	96.41'	959	T3	14.77'	972
T1	82.27'	957	T1	116.45'	956	T1	101.66'	957	T1		
T2	64.25'	958	T2	76.10'	959	T2	77.46'	956	T2		
T3	86.22'	964	T3	86.10'	964	T3	68.77'	957	T3		
T1	105.61'	956	T1	71.78'	956	T1	72.92'	959	T1		
T2	74.74'	957	T2	18.89'	959	T2	23.40'	958	T2		
T3	85.82'	964	T3	84.84'	958	T3	45.67'	957	T3		
T1	85.95'	964	T1	58.00'	957	T1	29.84'	957	T1		
T2	105.37'	955	T2	27.98'	956	T2	10.53'	956	T2		
T3	101.71'	956	T3	58.77'	959	T3	121.79'	959	T3		



DESCRIPTION LEGEND

- 950 - MAG NAIL IN UTILITY POLE
- 951 - MAG NAIL IN TREE
- 952 - "+ " IN POLE FOUNDATION, BASE, OR BOLT
- 953 - CENTER TOP SPINDLE BOLT OF FIRE HYDRANT
- 954 - "+ " ON CURB
- 955 - "+ " ON WALK / CONCRETE PAD
- 956 - NW CORNER OF BUILDING
- 957 - NE CORNER OF BUILDING
- 958 - SE CORNER OF BUILDING
- 959 - SW CORNER OF BUILDING
- 960 - IRON ROD WITH YELLOW PLASTIC CAP
- 961 - "+ " ON METAL FENCE POST
- 962 - MAG NAIL IN FENCE POST
- 963 - "+ " ON MANHOLE, CATCH BASIN, OR VAULT RIM
- 964 - MAG NAIL IN PAVEMENT
- 965 - "+ " ON CONCRETE RETAINING WALL
- 966 - "+ " ON CONCRETE HEADWALL
- 967 - MAG NAIL IN LIGHT POLE
- 968 - MAG NAIL IN WOOD SIGN POST
- 969 - MAG NAIL IN RAILROAD TIE
- 970 - "+ " ON LEG OF ELECTRIC TRANSMISSION TOWER
- 971 - CORNER OF LARGE SIGN
- 972 - FENCE CORNER
- 973 - MAG NAIL ON WOOD GUARDRAIL POST
- 974 - "+ " ON CONC. SIGN FOUNDATION
- 975 - MAG NAIL ON STUMP
- 976 - "+ " ON BUILDING FACE
- 977 - "+ " ON RAILROAD SPIKE
- 978 - CORNER OF PLANTER
- 979 - CORNER OF COLUMN
- 980 - "+ " ON CONCRETE PIER
- 981 - "+ " ON BUILDING FOUNDATION
- 982 - NAIL AND WASHER IN PAVEMENT

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

C.F.
 COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2012

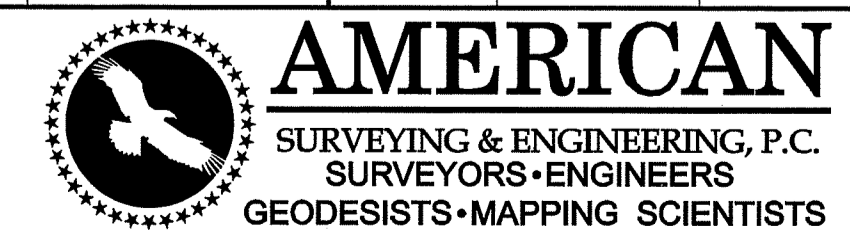


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

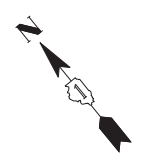
RECEIVED
 JUN 15 2012
 PLATS & LEGALS

**PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1602 (IL 83)
 KEDZIE AVENUE TO WESTERN AVENUE**

SECTION: I-294 AT I-57 COUNTY: COOK
 PROJECT: ALIGNMENT, COORDINATE AND RECOVERY DATA JOB NO. R-90-004-09
 SCALE: NONE SHEET B8 OF B8

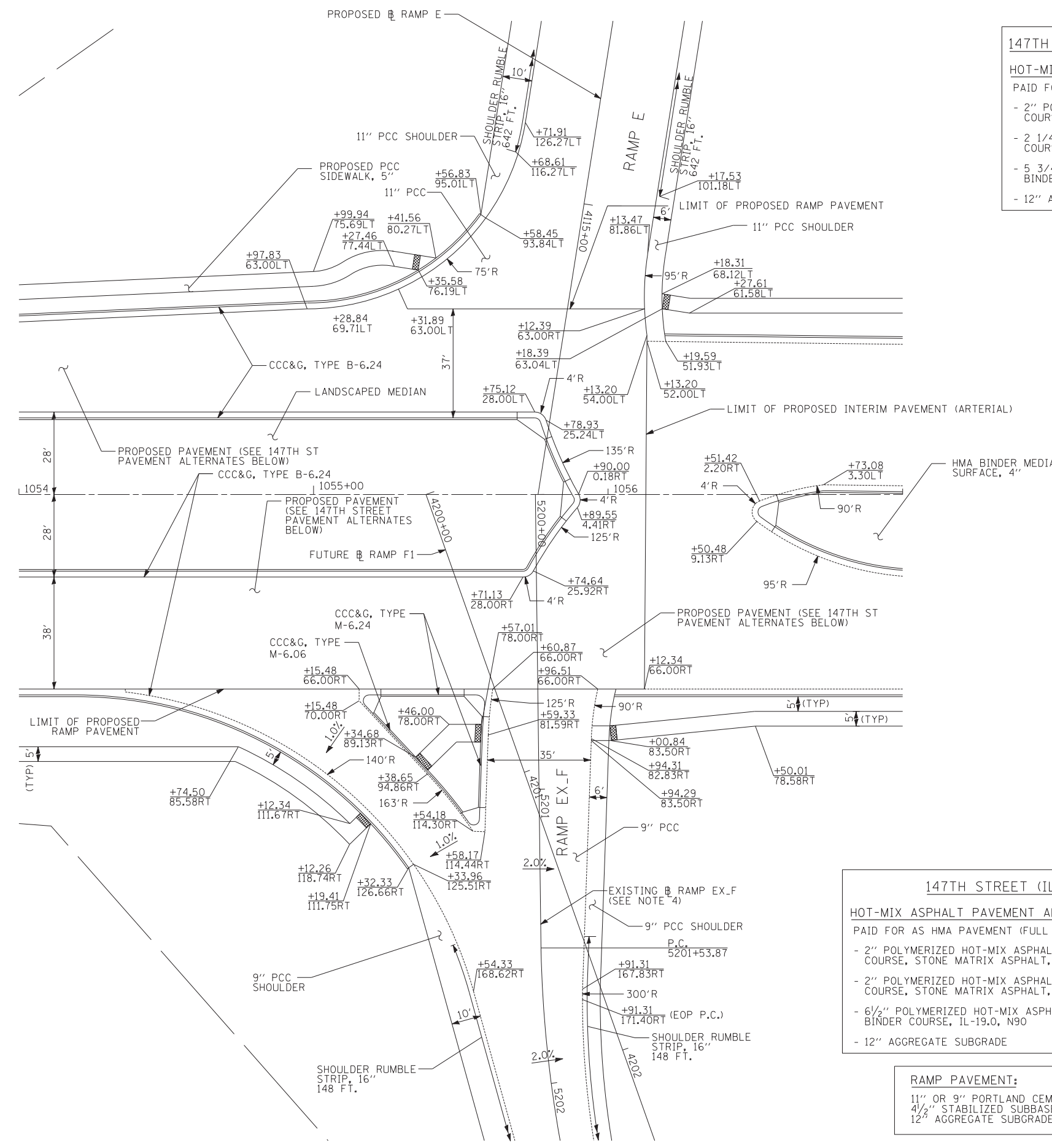


105 W. Madison St. Suite 1700
 Chicago, IL 60602
 312-277-2000 / Fax 312-277-2002



147TH STREET (IL-83) INTERIM PAVEMENT (ARTERIAL) ALTERNATES

HOT-MIX ASPHALT ALTERNATE	PCC PAVEMENT ALTERNATE
PAID FOR AS HMA PAVEMENT (FULL DEPTH) 10	- 8 3/4 " PCC (JOINTED)
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	- 4 1/2 " STABILIZED SUBBASE HOT-MIX ASPHALT
- 2 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	- 12" AGGREGATE SUBBASE
- 5 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	
- 12" AGGREGATE SUBBASE	



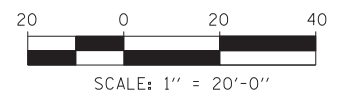
147TH STREET (IL-83) PAVEMENT ALTERNATES

HOT-MIX ASPHALT PAVEMENT ALTERNATE	PCC PAVEMENT ALTERNATE
PAID FOR AS HMA PAVEMENT (FULL DEPTH) 10 1/2"	- 9 1/4" PORTLAND CEMENT CONCRETE (JOINTED)
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	- 4 1/2" STABILIZED SUBBASE HOT-MIX ASPHALT
- 2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	- 12" AGGREGATE SUBGRADE
- 6 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	
- 12" AGGREGATE SUBGRADE	

RAMP PAVEMENT:
 11" OR 9" PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED)
 4 1/2" STABILIZED SUBBASE - HOT-MIX ASPHALT
 12" AGGREGATE SUBGRADE

NOTES

- ADA RAMP PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
- ADA RAMP PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".
- STATION, OFFSET, AND RADIUS CALLOUTS REFER TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.



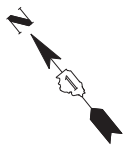
TYLIN INTERNATIONAL

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DRAWN - JDU	REVISIONS -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

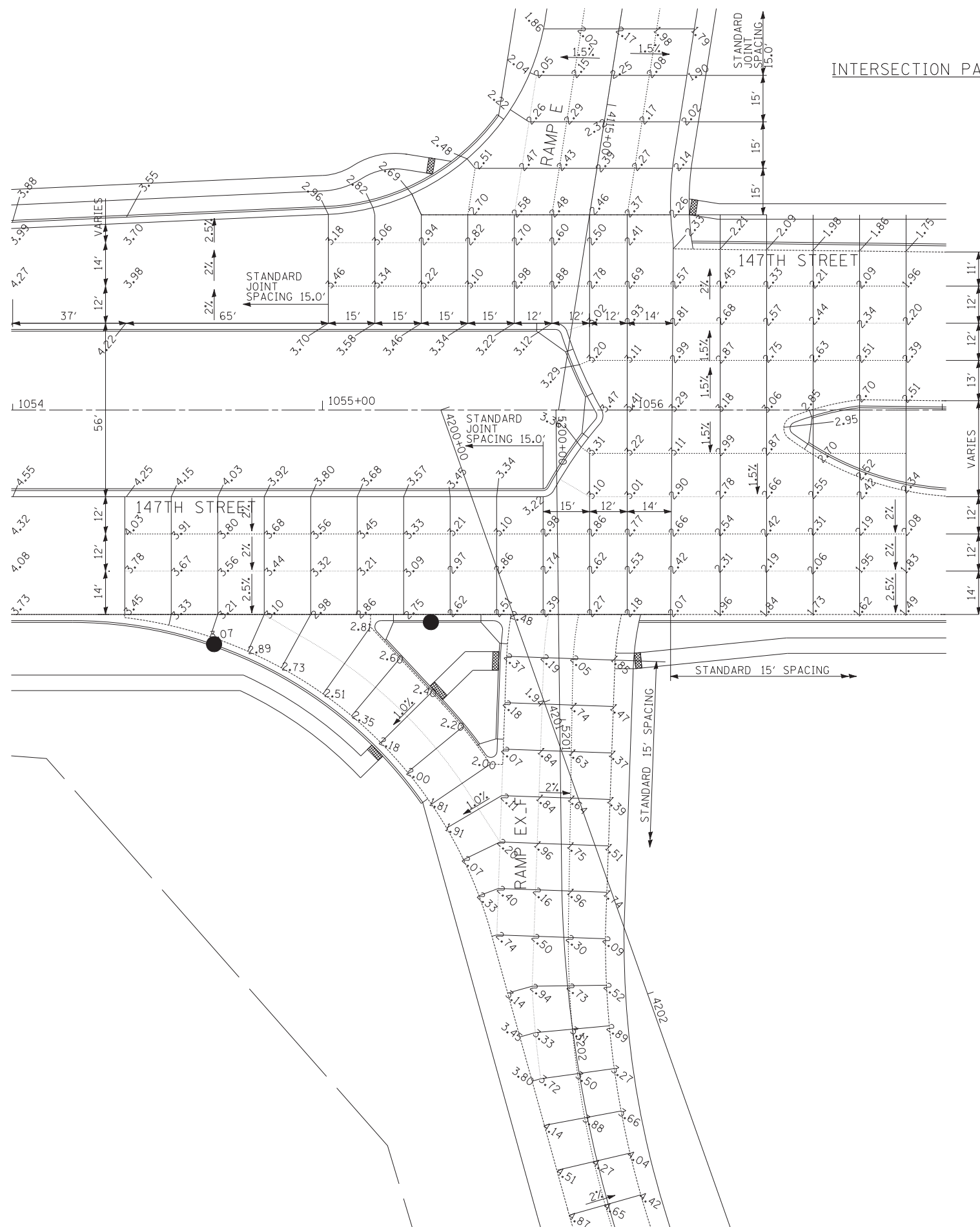
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 INTERSECTION DETAIL - 147TH STREET AND SB RAMPS E AND F**

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	306
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



INTERSECTION PAVEMENT ELEVATIONS



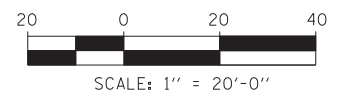
NOTES

1. ADA RAMP PER IDOT STD 424001
PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMP PER IDOT STD 424031
PAID FOR AS CONCRETE MEDIAN SURFACE 4".

LEGEND

- C ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- CONSTRUCTION LINE

JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.

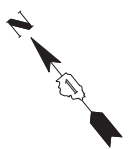


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		DRAWN - JDU	REVISED -
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	PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

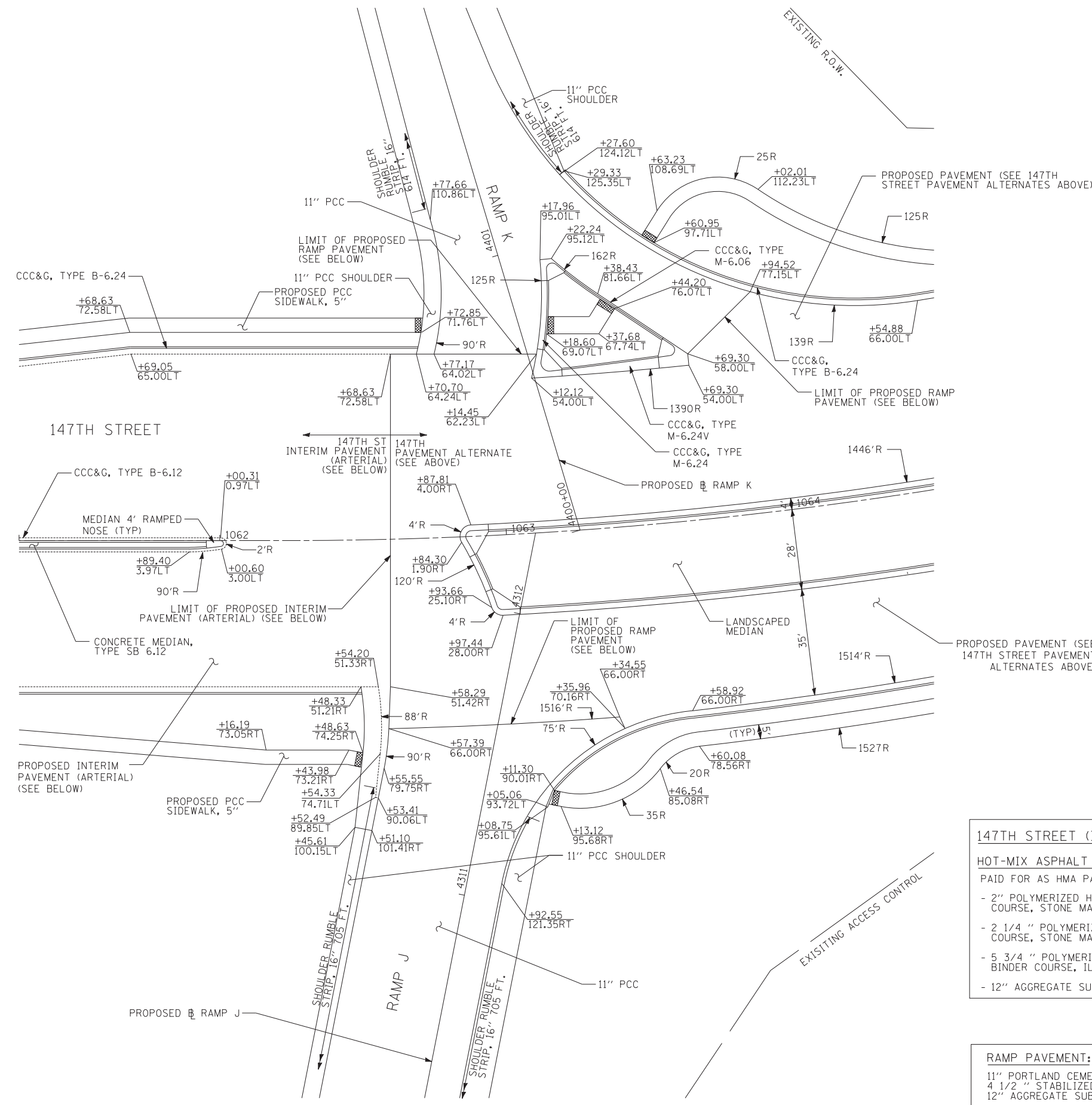
147TH STREET PROJECT			
INTERSECTION DETAIL - 147TH STREET AND SB RAMPS E AND F			
SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. 1054+00 TO STA. 1057+00	

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	307
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



147TH STREET (IL-83) PAVEMENT ALTERNATES

HOT-MIX ASPHALT PAVEMENT ALTERNATE	PCC PAVEMENT ALTERNATE
PAID FOR AS HMA PAVEMENT (FULL DEPTH) 10 1/2"	- 9 1/4" PORTLAND CEMENT CONCRETE (JOINTED)
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	- 4 1/2" STABILIZED SUBBASE - HOT-MIX ASPHALT
- 2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	- 12" AGGREGATE SUBGRADE
- 6 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	
- 12" AGGREGATE SUBGRADE	



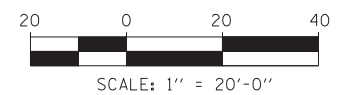
147TH STREET (IL-83) INTERIM PAVEMENT (ARTERIAL) ALTERNATES

HOT-MIX ASPHALT ALTERNATE	PCC PAVEMENT ALTERNATE
PAID FOR AS HMA PAVEMENT (FULL DEPTH) 10"	- 8 3/4 " PORTLAND CEMENT CONCRETE (JOINTED)
- 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	- 4 1/2 " STABILIZED SUBBASE - HOT-MIX ASPHALT
- 2 1/4 " POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	- 12" AGGREGATE SUBBASE
- 5 3/4 " POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	
- 12" AGGREGATE SUBBASE	

RAMP PAVEMENT:
 11" PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED)
 4 1/2 " STABILIZED SUBBASE - HOT-MIX ASPHALT
 12" AGGREGATE SUBGRADE

NOTES

- ADA RAMPS PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
- ADA RAMPS PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".



TYLIN INTERNATIONAL

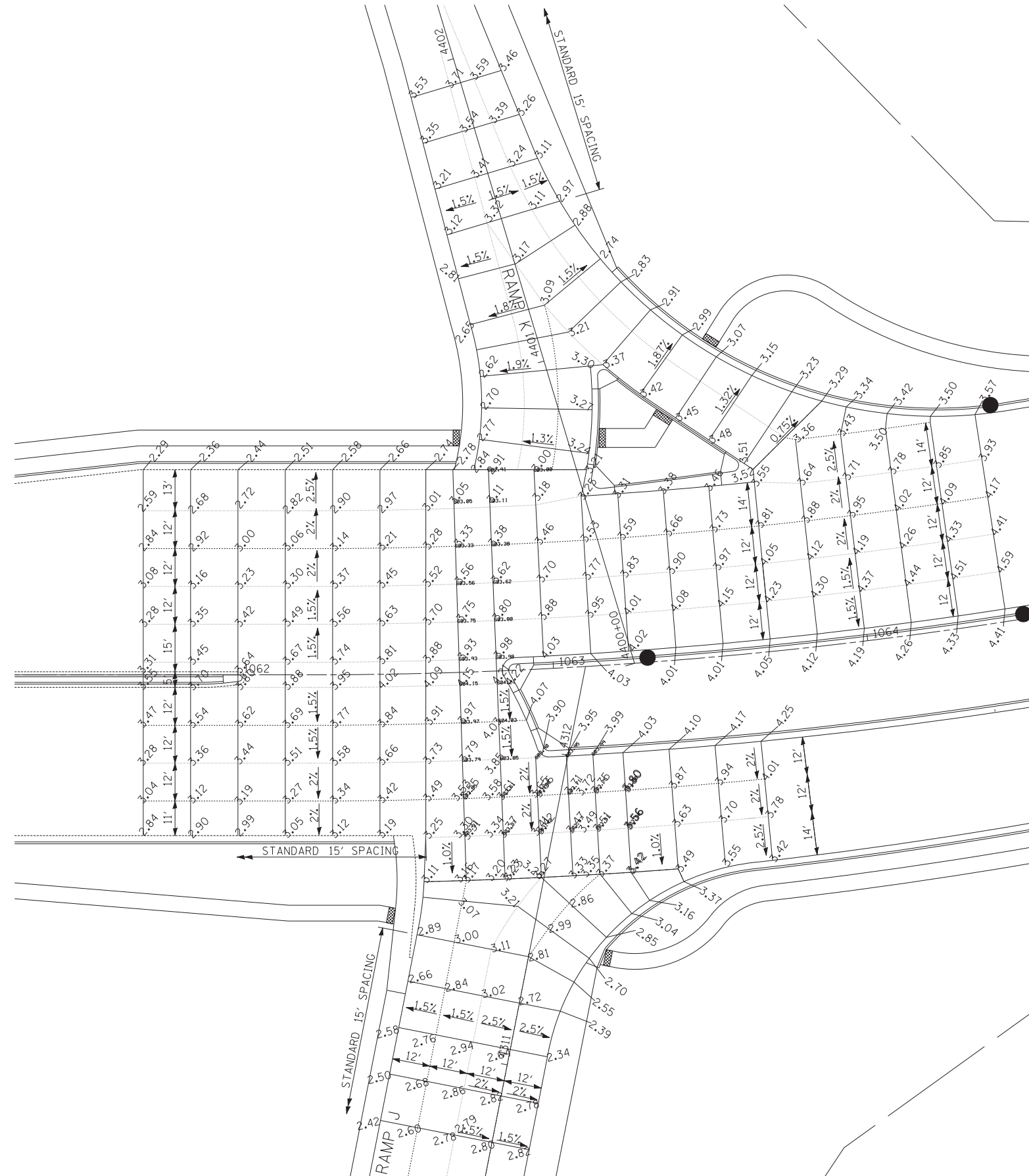
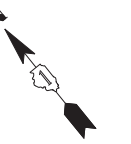
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PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT
INTERSECTION DETAIL - 147TH STREET AND NB I-57 RAMPS J AND K
 SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 1061+30 TO STA. 1064+50

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	308
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INTERSECTION LAYOUT PLAN



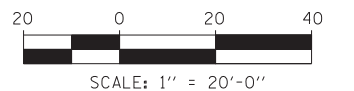
LEGEND

- C ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- CONSTRUCTION LINE

NOTES

1. ADA RAMP PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMP PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".

JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.



TYLIN INTERNATIONAL

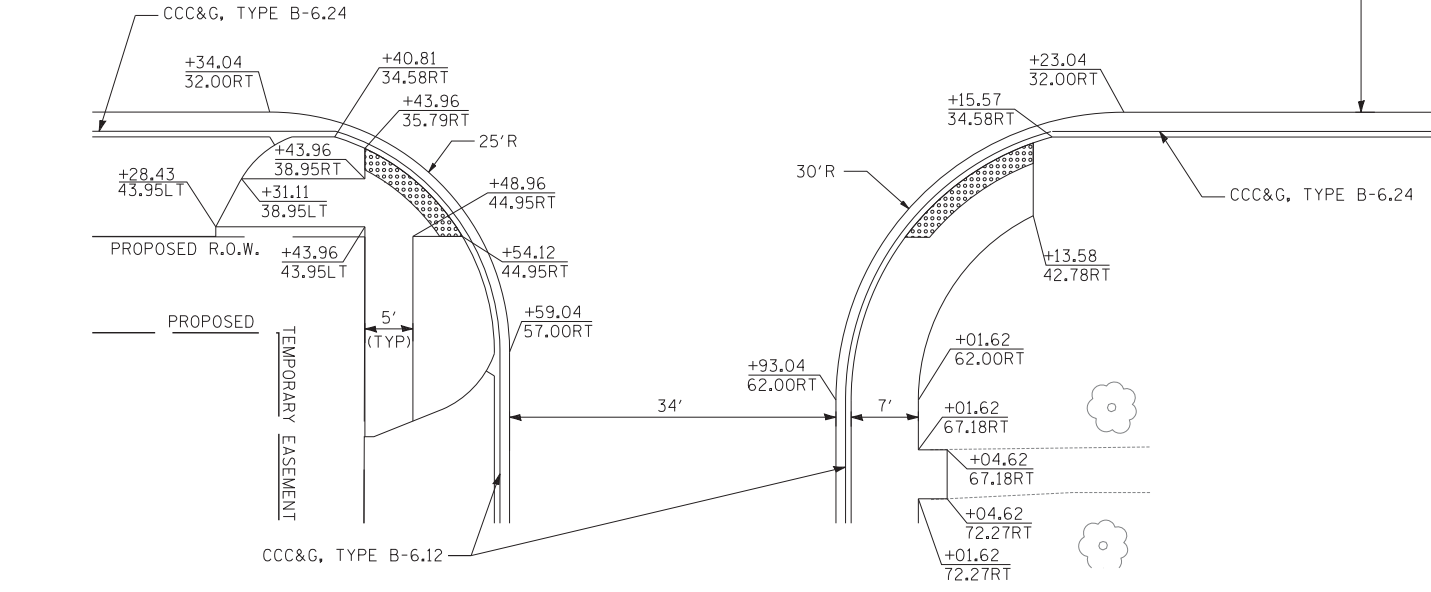
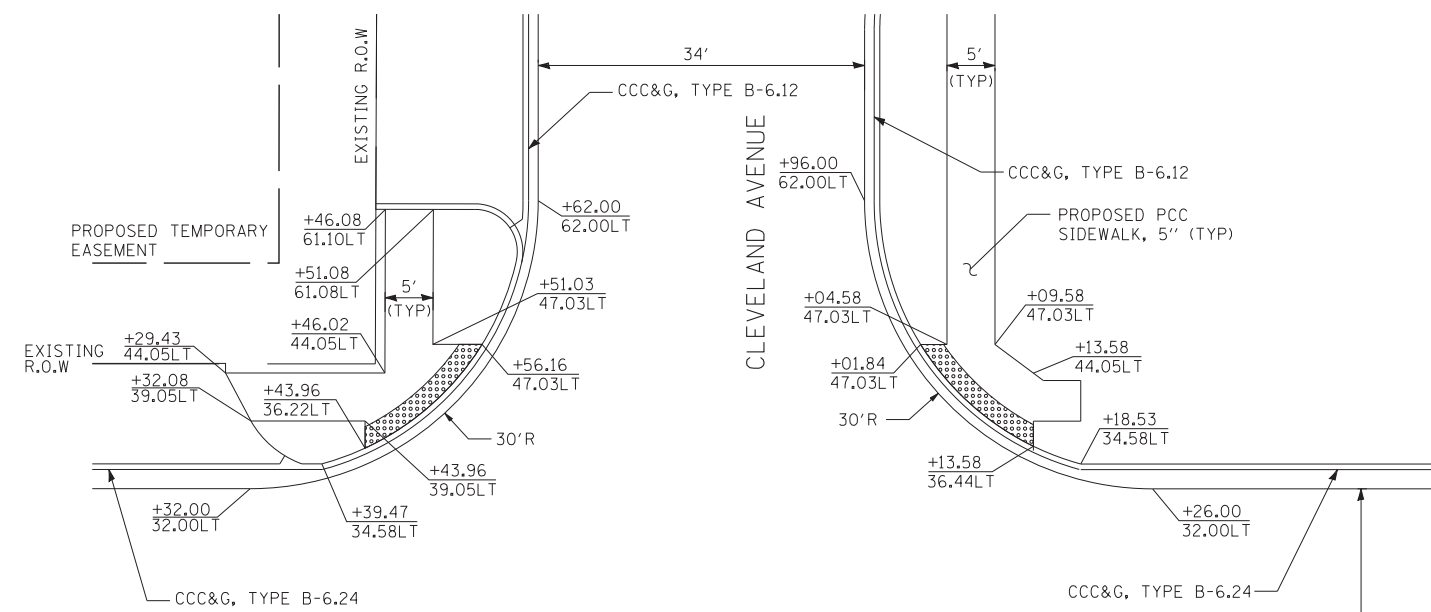
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PLOT SCALE =	DRAWN - JDU	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
 INTERSECTION DETAIL - 147TH STREET AND NB I-57 RAMP J AND K

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 1061+30 TO STA. 1064+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	309
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

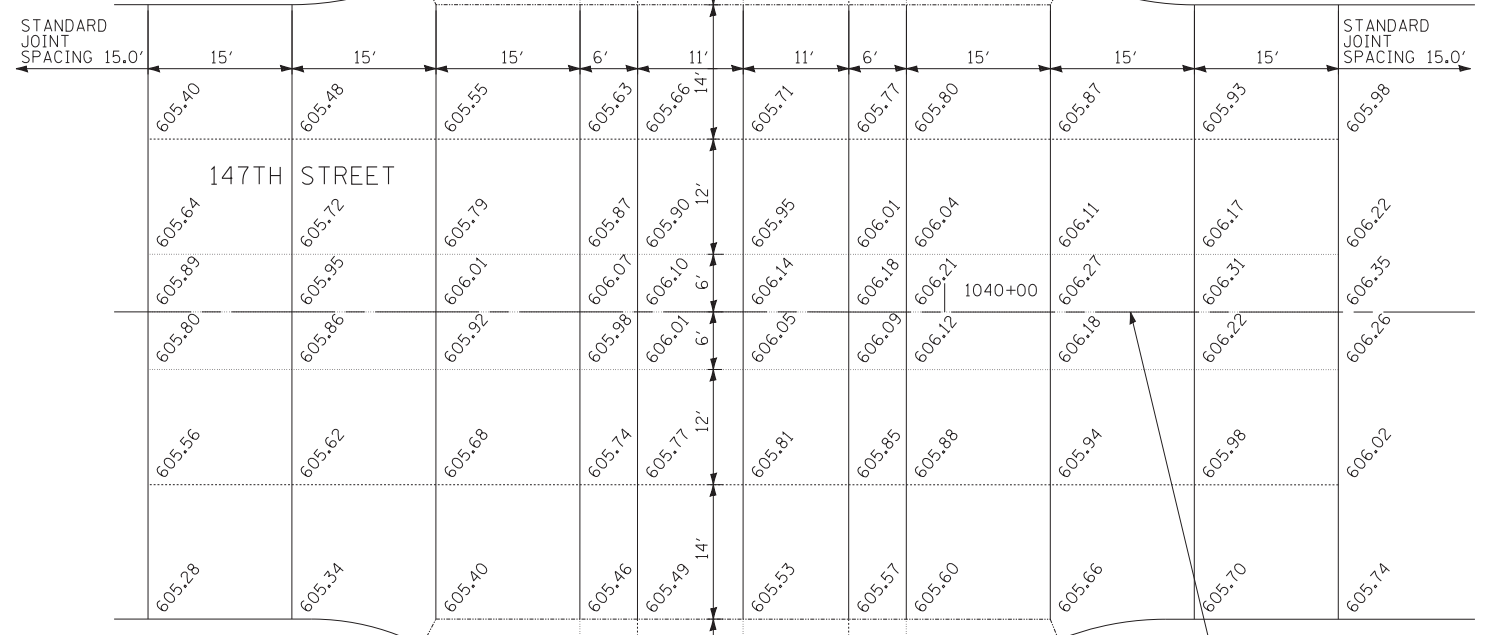
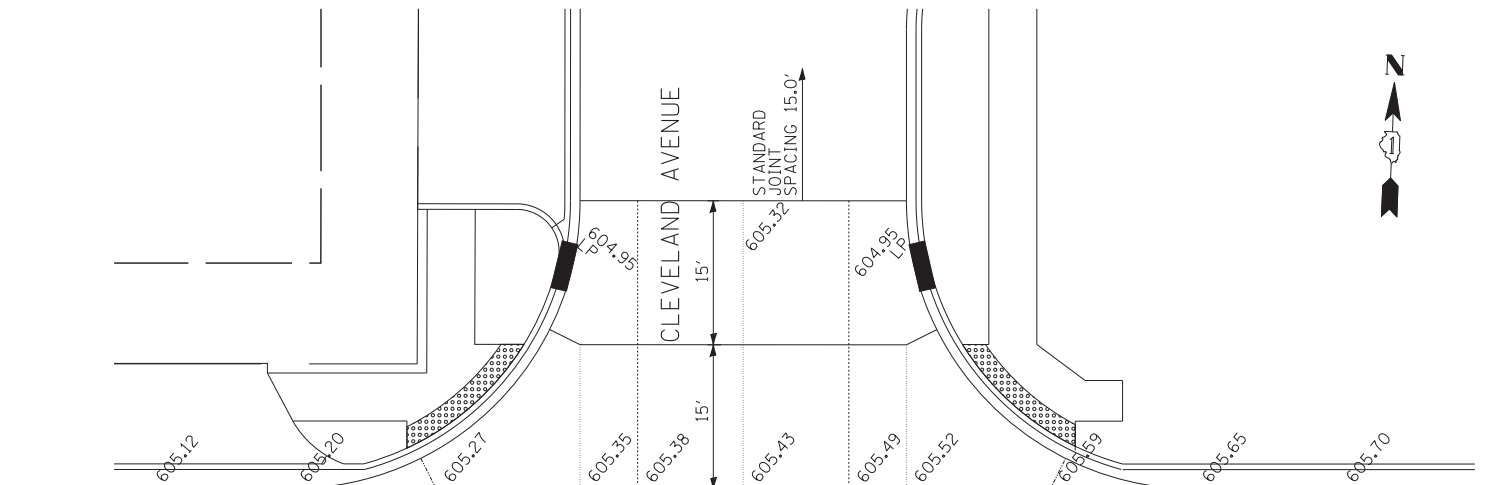


INTERSECTION LAYOUT PLAN

NOTES

1. ADA RAMPS PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMPS PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".

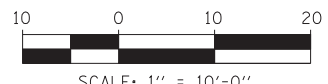
JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.



INTERSECTION PAVEMENT ELEVATIONS

LEGEND

- C ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)



TYLIN INTERNATIONAL

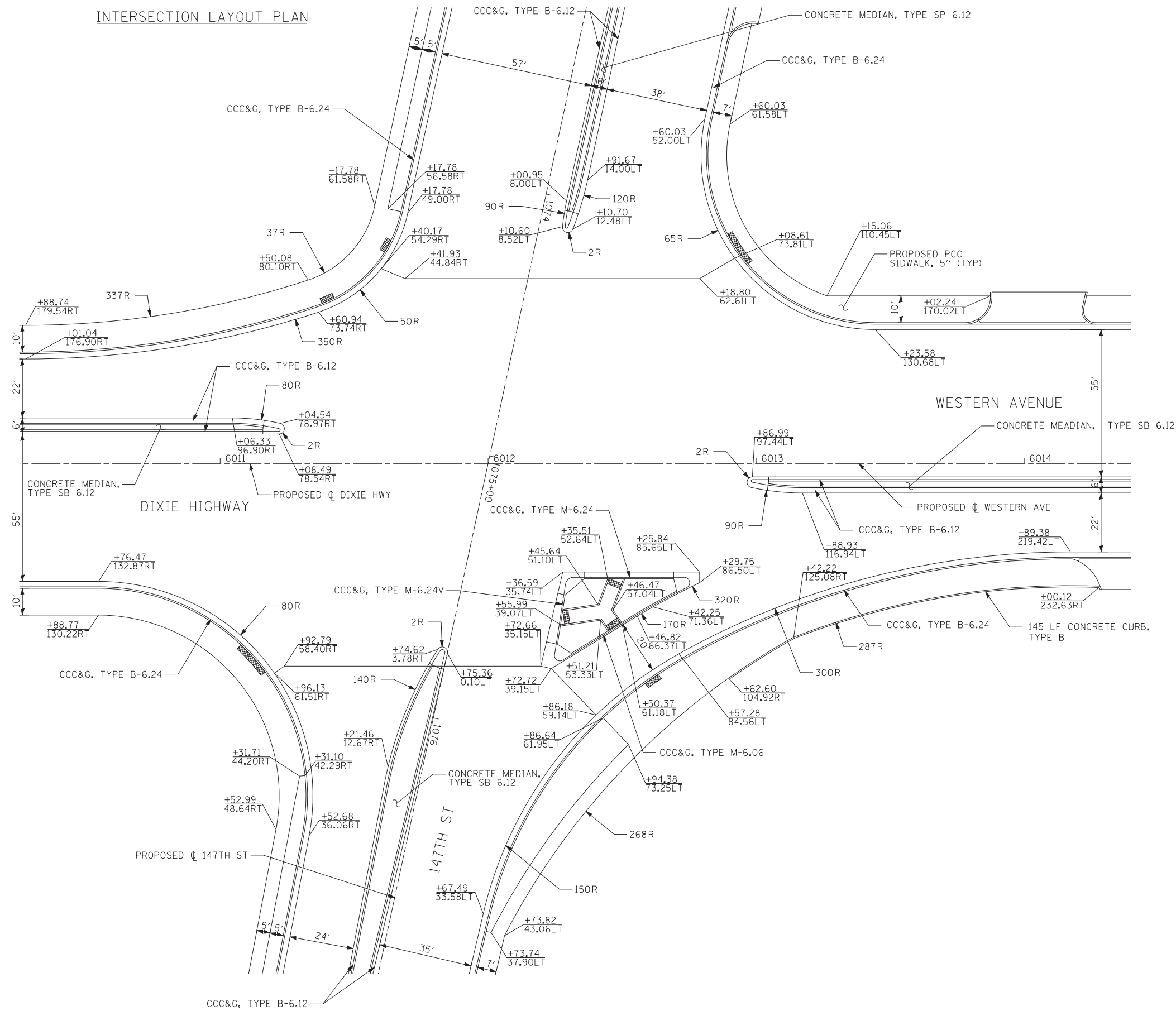
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PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

17TH STREET PROJECT			
INTERSECTION DETAILS - 147TH ST AND CLEVELAND AVE			
SCALE: 1"=10'	SHEET NO. 1 OF 1 SHEETS	STA. 1039+15 TO STA. 1040+55	

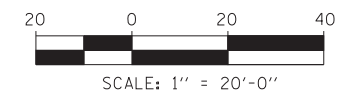
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				CONTRACT NO. 60M57
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INTERSECTION LAYOUT PLAN



NOTES

1. ADA RAMP PER IDOT STD 424001
PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMP PER IDOT STD 424031
PAID FOR AS CONCRETE MEDIAN SURFACE 4".



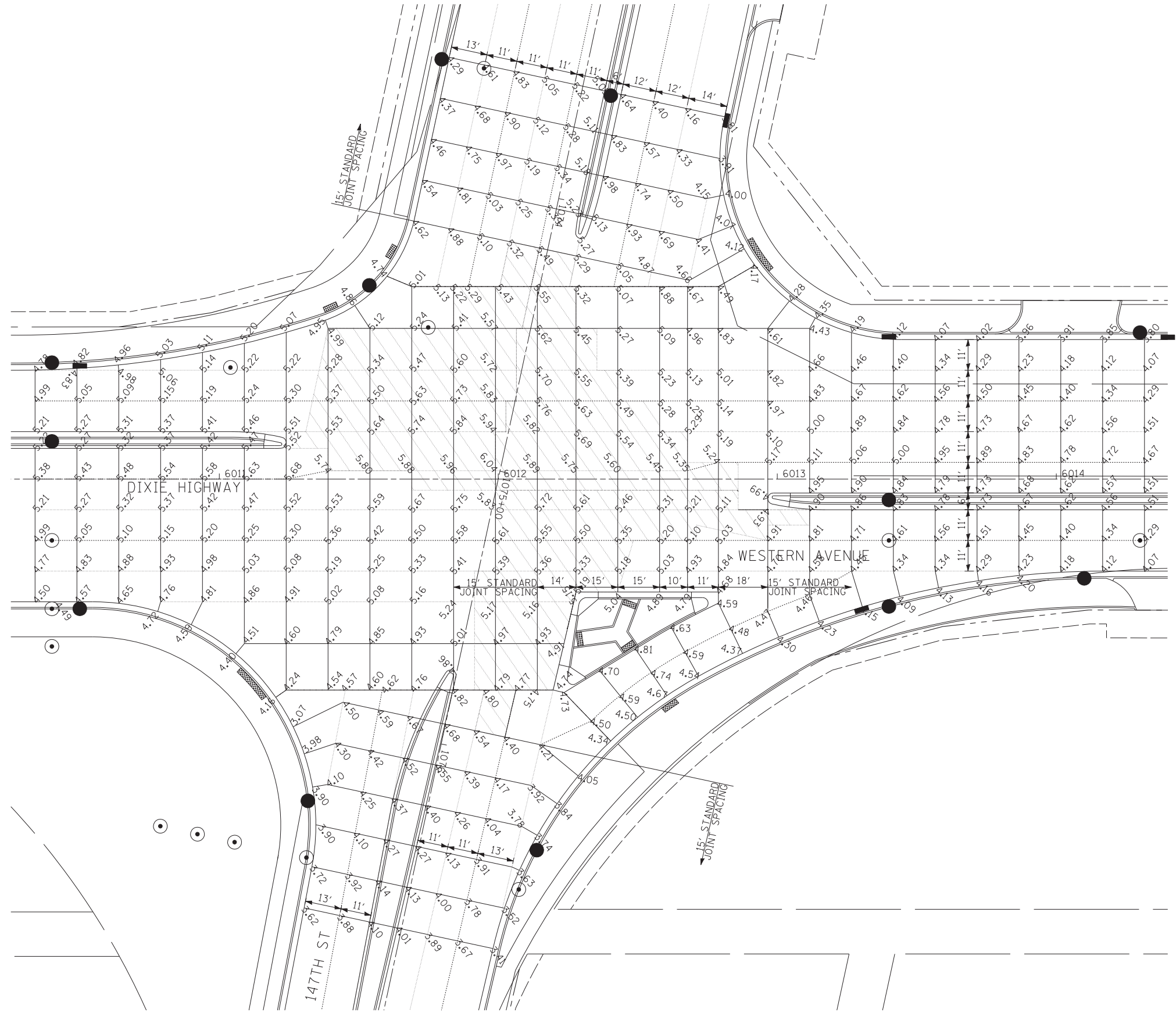
TYLIN INTERNATIONAL

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DRAWN - JDU	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT	
INTERSECTION DETAILS - 147TH ST AND DIXIE HWY/WESTERN AVE	
SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS
STA. 1073+50	TO STA. 1077+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	311
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



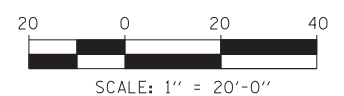
NOTES

1. ADA RAMP PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMP PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".

LEGEND

- C ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- CONSTRUCTION LINE

JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.



TYLIN INTERNATIONAL

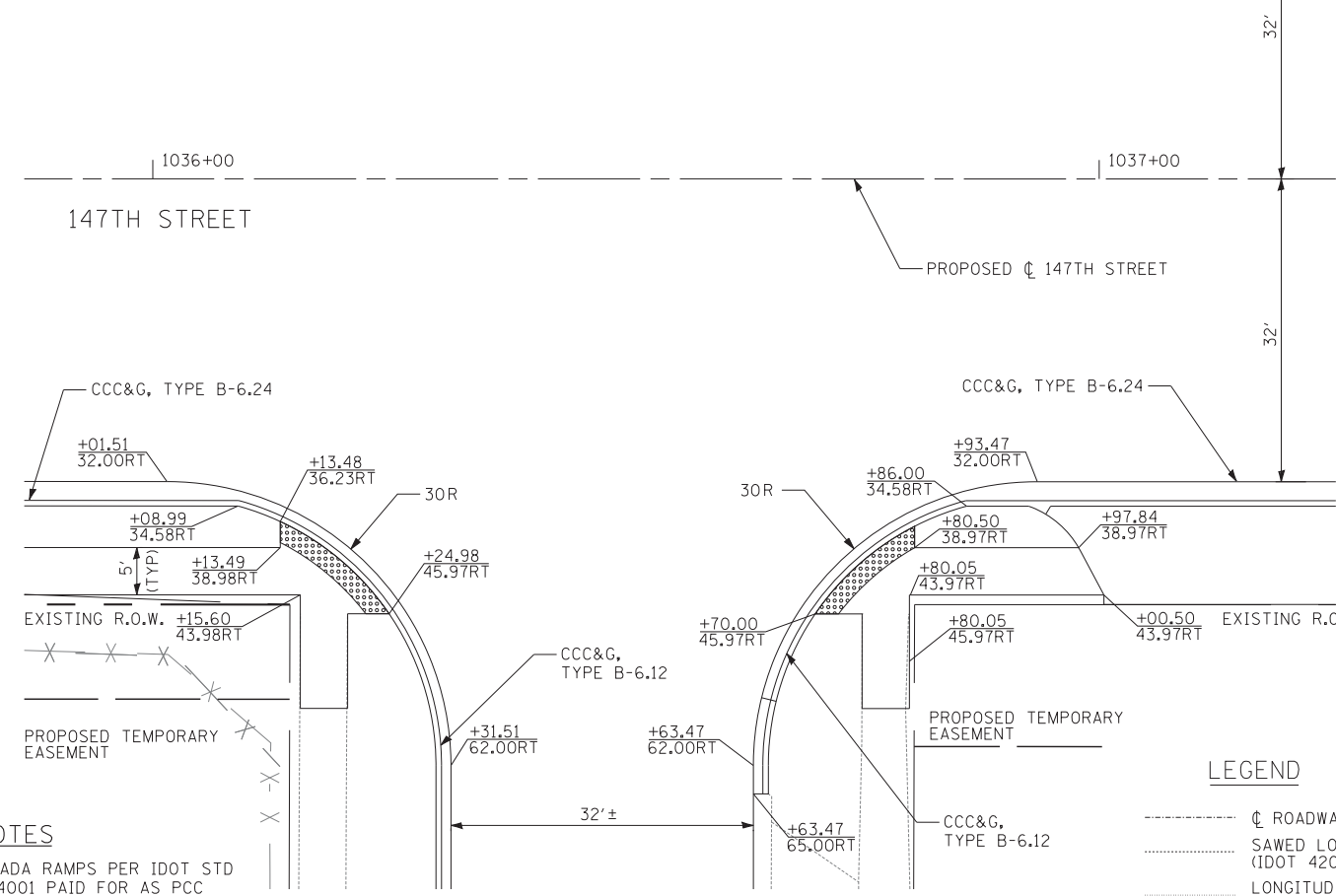
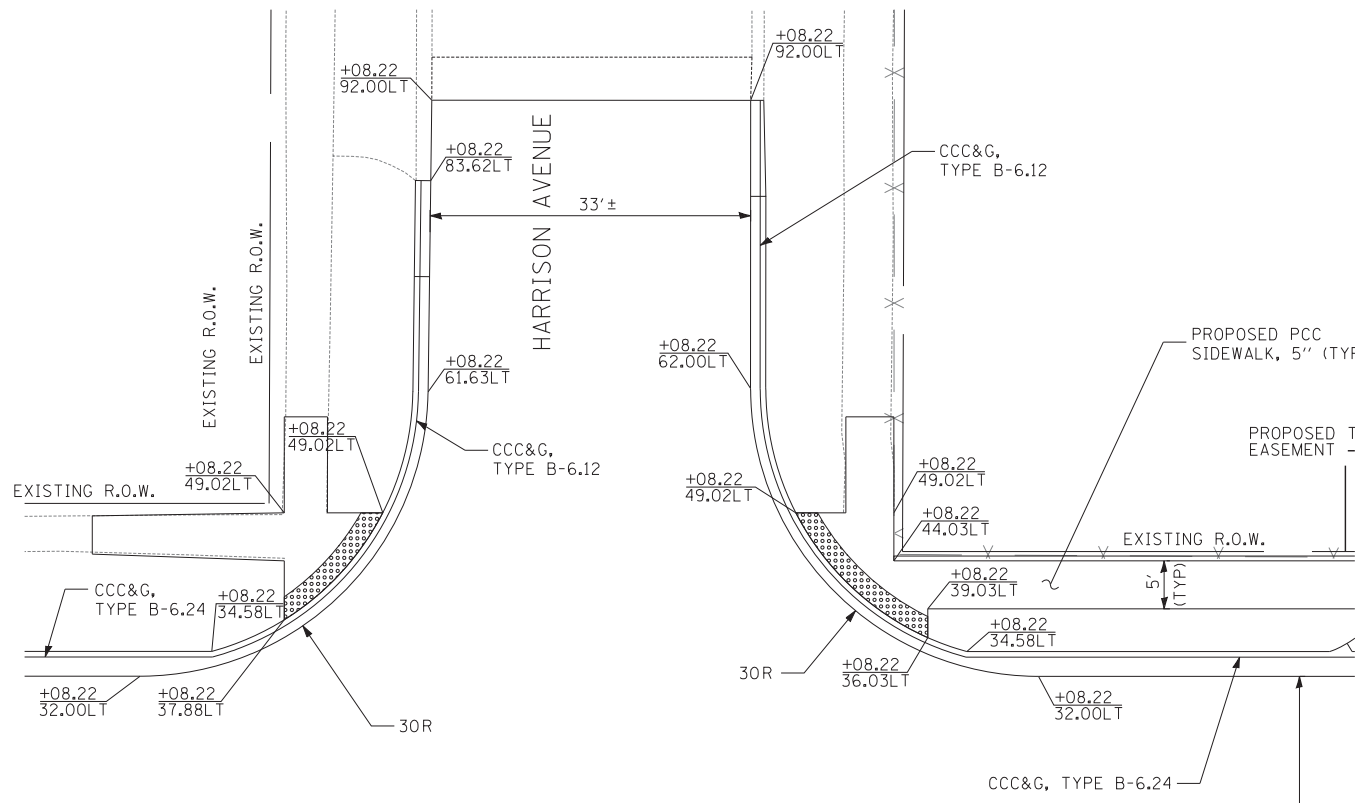
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PLOT SCALE =	DRAWN - JDU	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
INTERSECTION DETAILS - 147TH ST AND DIXIE HWY/WESTERN AVE**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 1073+50 TO STA. 1077+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	312
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



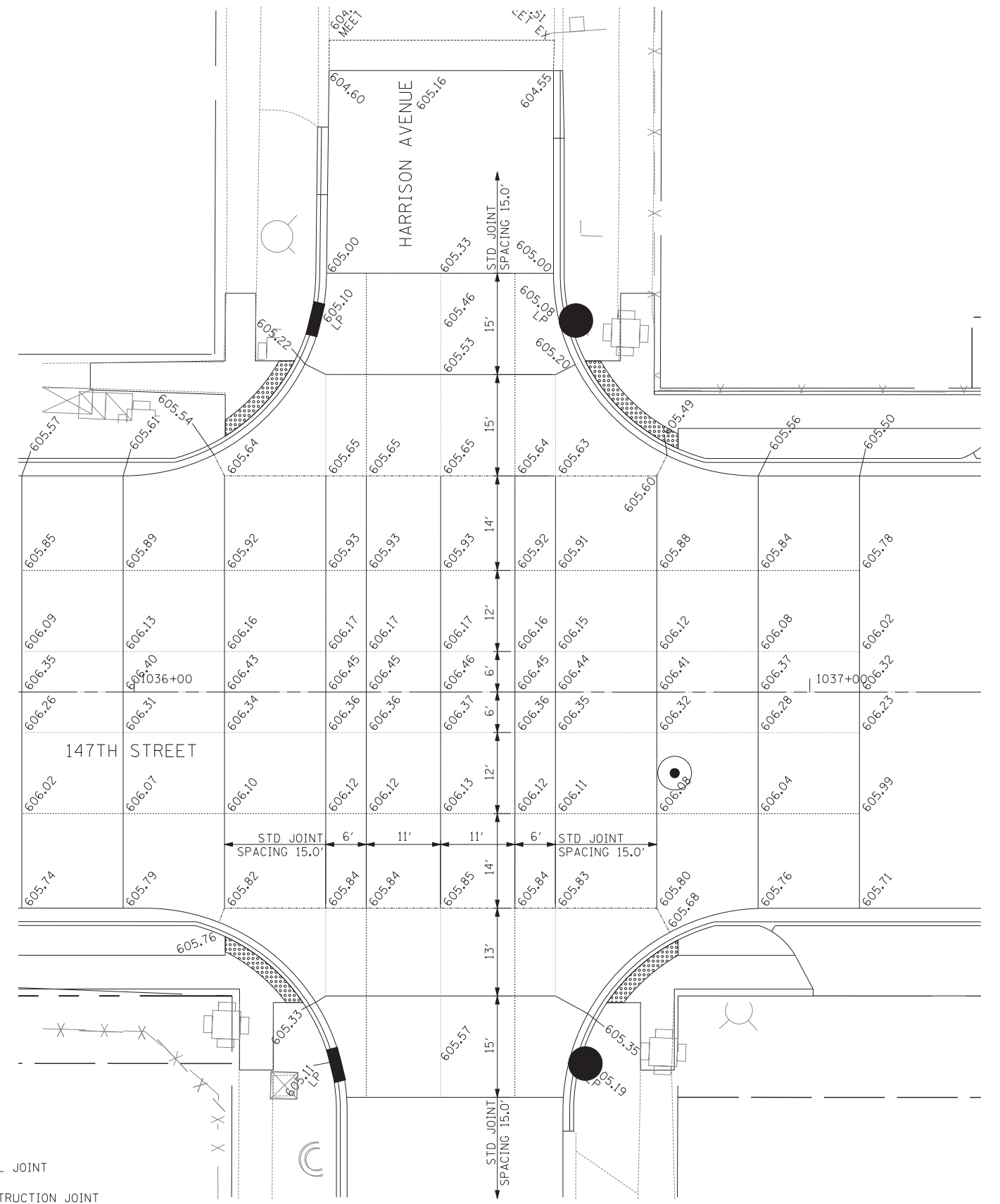
NOTES

1. ADA RAMPS PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
2. ADA RAMPS PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".

INTERSECTION LAYOUT PLAN

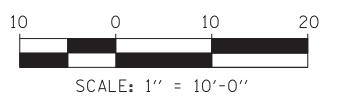
LEGEND

- > CL ROADWAY
- > SAWED LONGITUDINAL JOINT (IDOT 420001)
- > LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- > SAWED CONTRACTION JOINT (IDOT 420001)
- > 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)



INTERSECTION PAVEMENT ELEVATIONS

JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - JDU	REVISED -
DRAWN - JDU	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

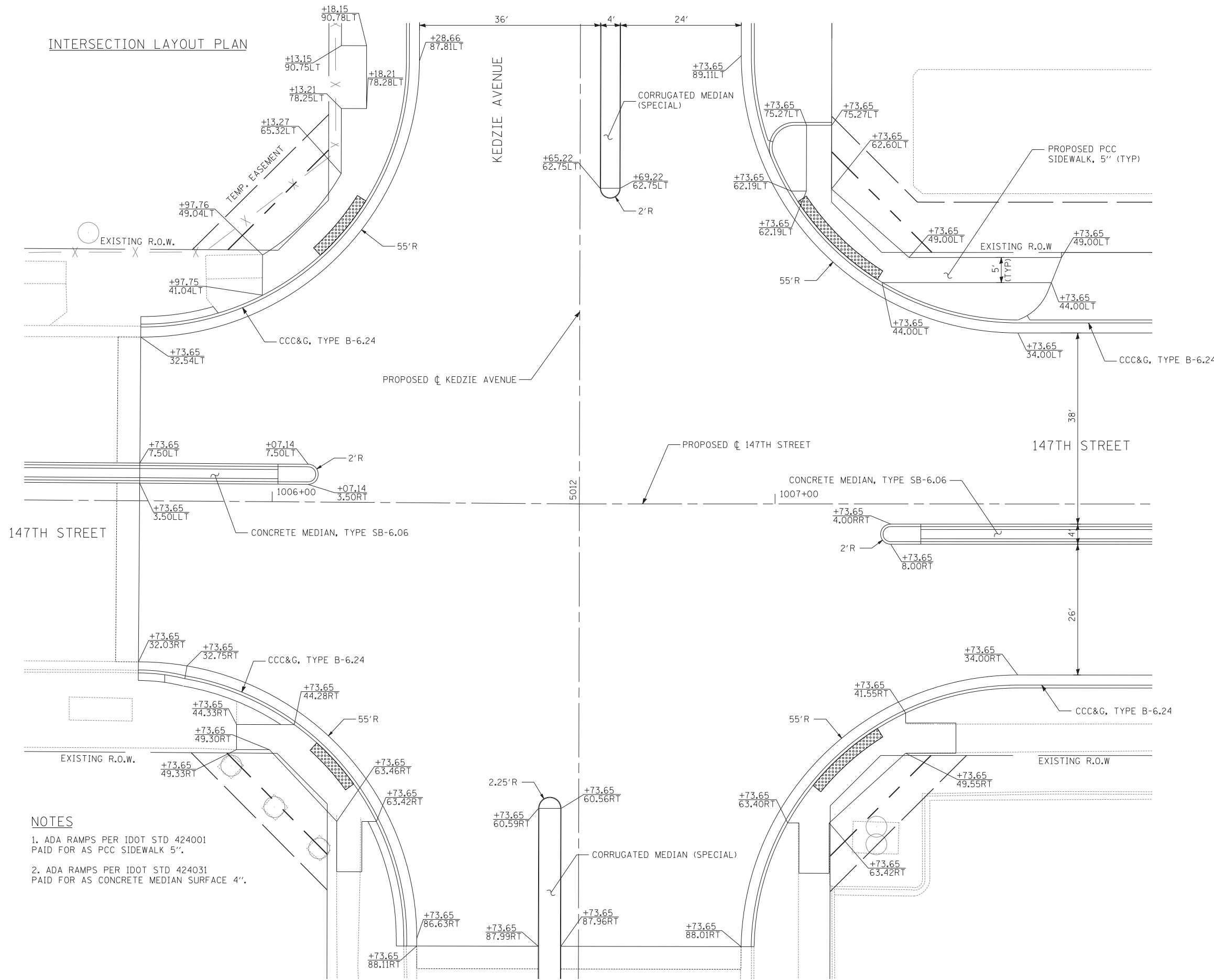
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 INTERSECTION DETAILS - 147TH ST AND HARISON AVE**

SCALE: 1"=10'	SHEET NO. 1 OF 1 SHEETS	STA. 1035+85 TO STA. 1037+25
---------------	-------------------------	------------------------------

F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	313
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INTERSECTION LAYOUT PLAN



NOTES

- 1. ADA RAMPS PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
- 2. ADA RAMPS PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - JDU	REVISED -
PLOT SCALE =	DRAWN - JDU	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

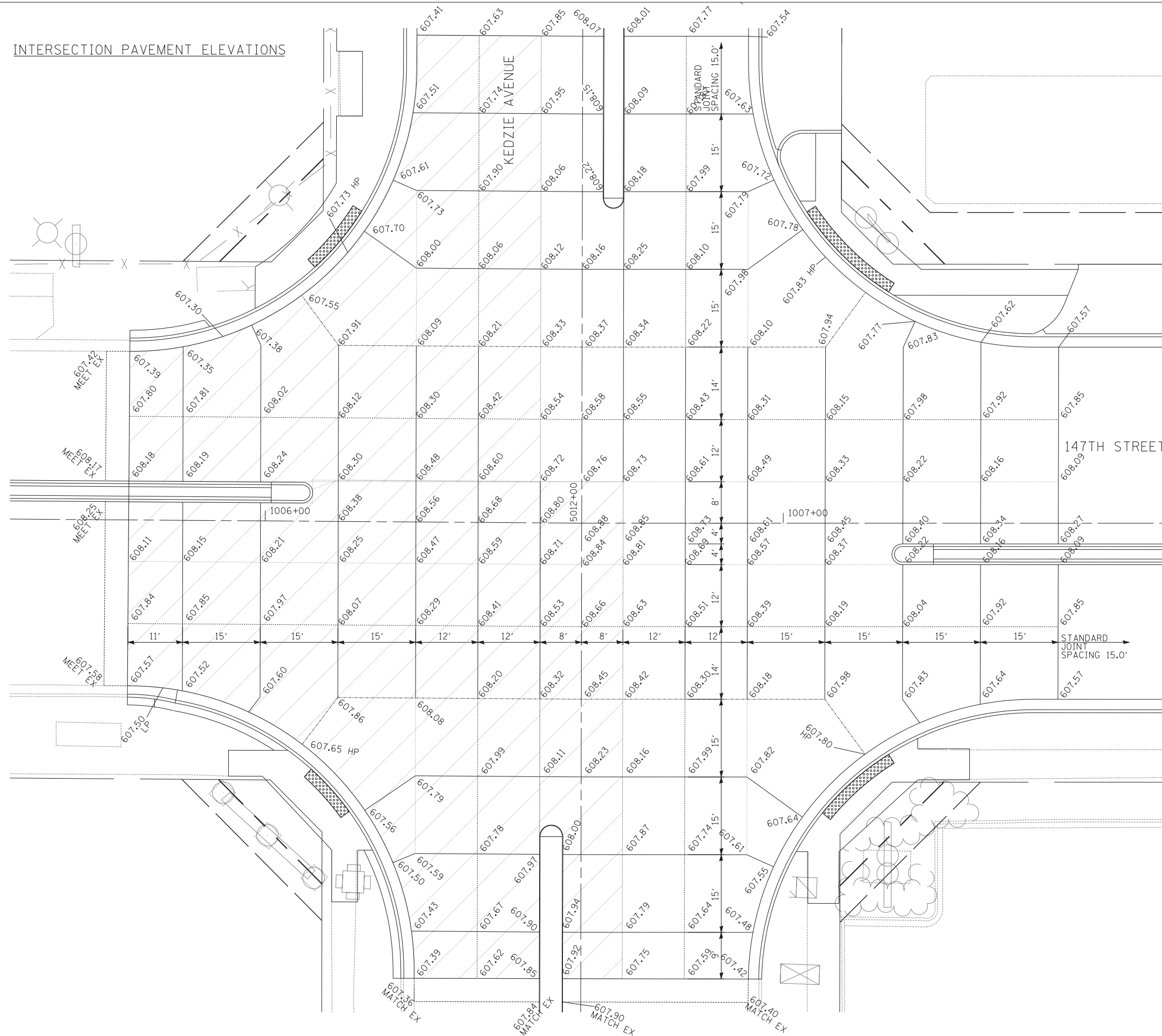
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
INTERSECTION DETAILS - 147TH ST AND KEDZIE**

SCALE: 1"=10'	SHEET NO. 1 OF 2 SHEETS	STA. 1005+50 TO STA. 1007+75
---------------	-------------------------	------------------------------

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	314
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

INTERSECTION PAVEMENT ELEVATIONS



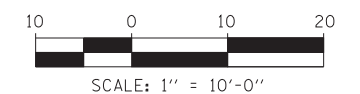
NOTES

- ADA RAMP PER IDOT STD 424001 PAID FOR AS PCC SIDEWALK 5".
- ADA RAMP PER IDOT STD 424031 PAID FOR AS CONCRETE MEDIAN SURFACE 4".

LEGEND

- Q ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR (IDOT 420001)
- SAWED CONTRACTION JOINT (IDOT 420001)
- 1 INCH EXPANSION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)

JOINTING NOTE:
 - IDOT STANDARD 420001 APPLIES TO THE PCC ALTERNATE ONLY.
 - PAVEMENT ELEVATION LOCATIONS ARE IDENTICAL IN THE PCC AND HMA PAVEMENT ALTERNATES.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - JDU	REVISED -
	DRAWN - JDU	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

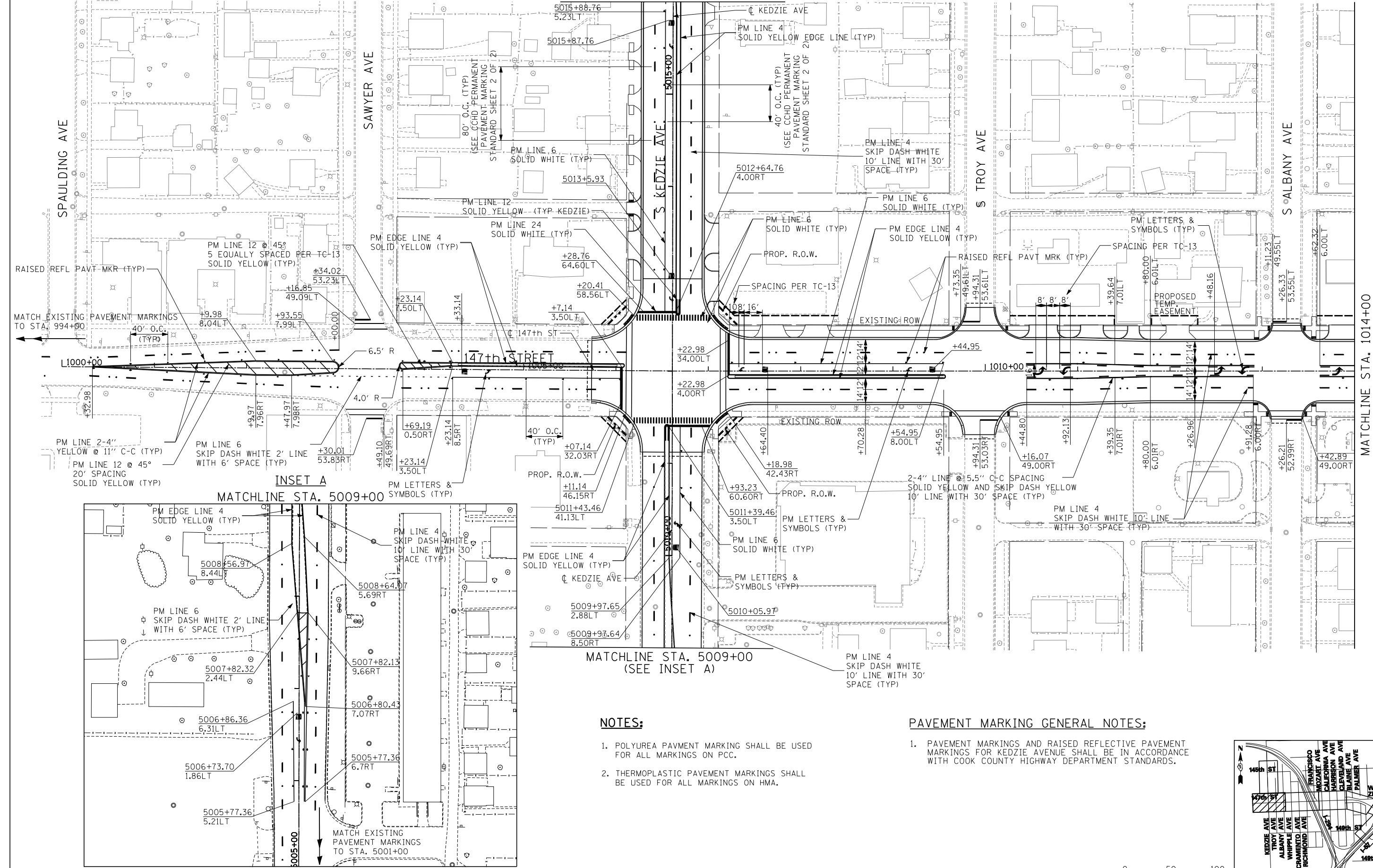
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 INTERSECTION DETAILS - 147TH ST AND KEDZIE AVE**

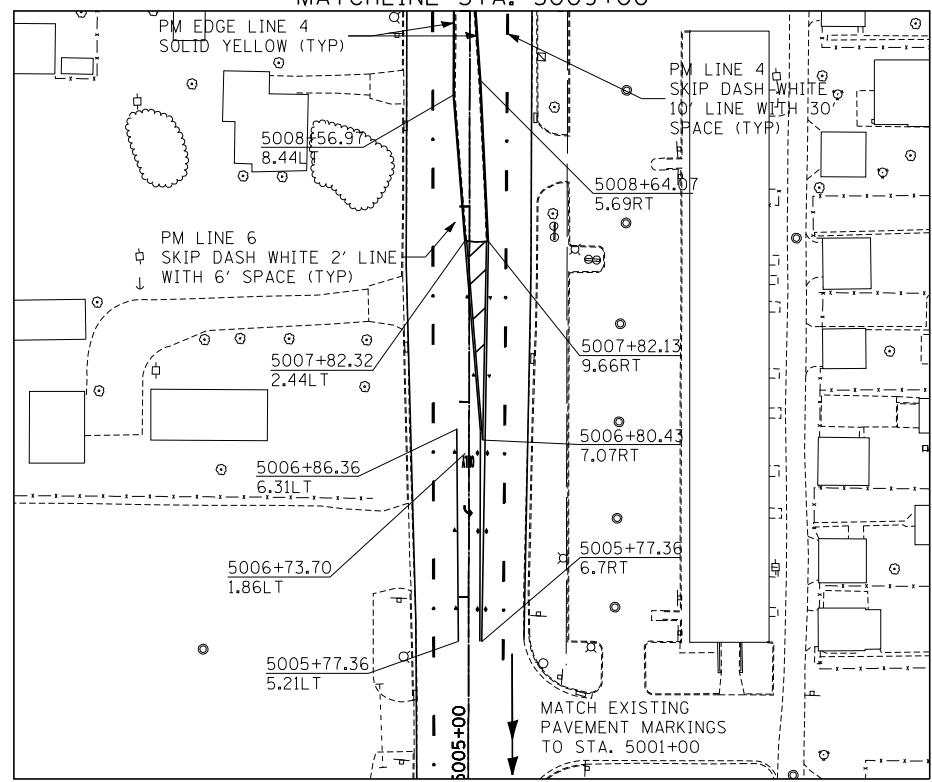
SCALE: 1"=10'	SHEET NO. 2 OF 2 SHEETS	STA. 1005+50 TO STA. 1007+75
---------------	-------------------------	------------------------------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	315
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA. 5016+00



INSET A
MATCHLINE STA. 5009+00

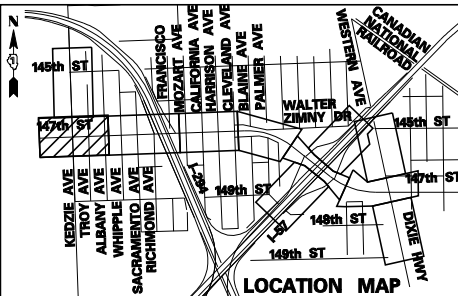
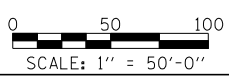


NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.

PAVEMENT MARKING GENERAL NOTES:

1. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS FOR KEDZIE AVENUE SHALL BE IN ACCORDANCE WITH COOK COUNTY HIGHWAY DEPARTMENT STANDARDS.



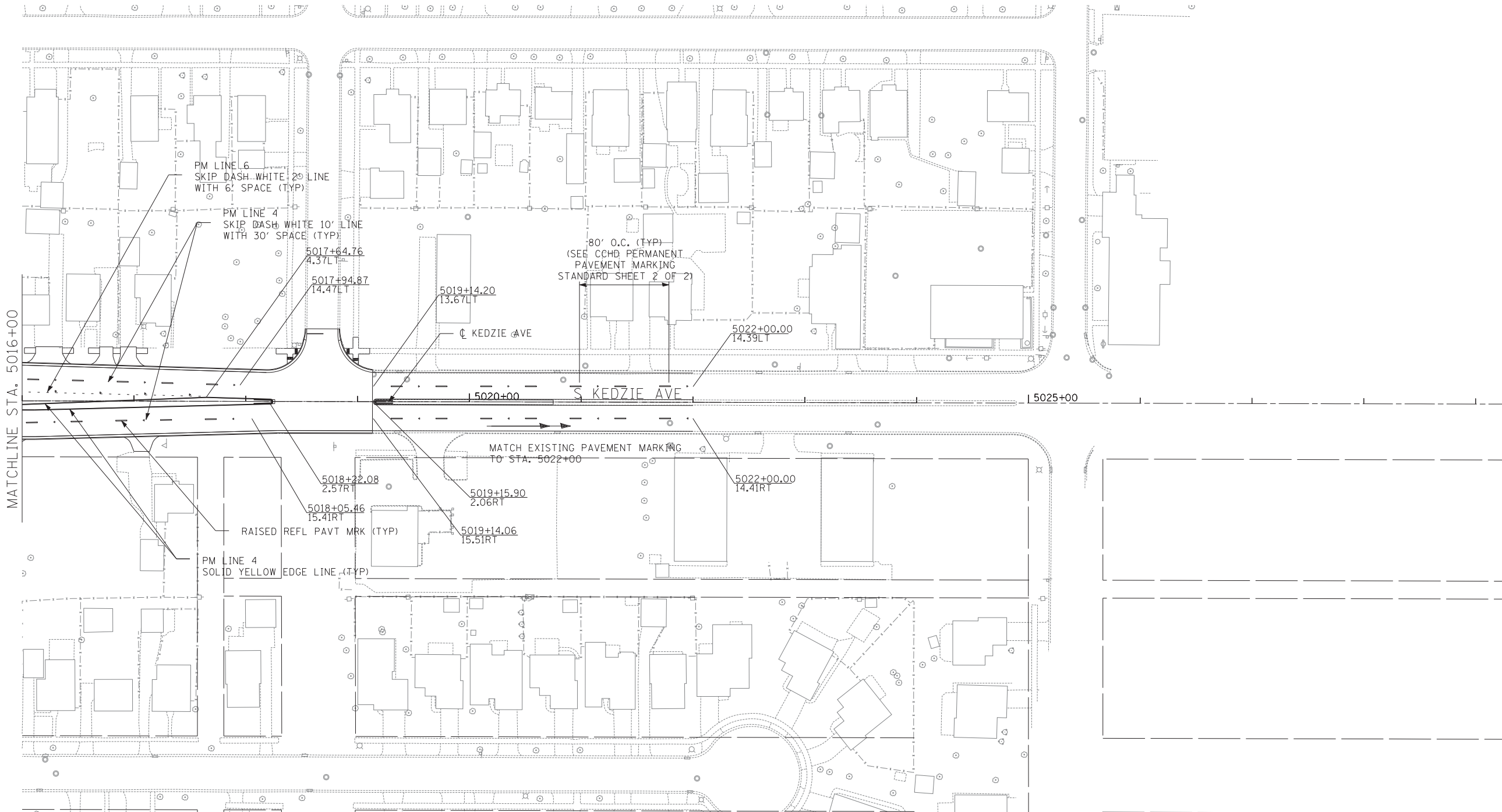
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		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

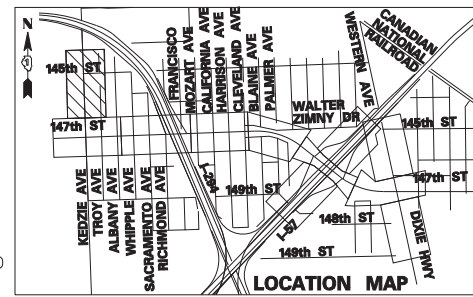
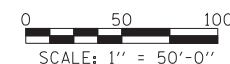
**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: 1" = 50' SHEET NO. 1 OF 9 SHEETS STA. 1000+00 TO STA. 1014+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	316
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	



1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



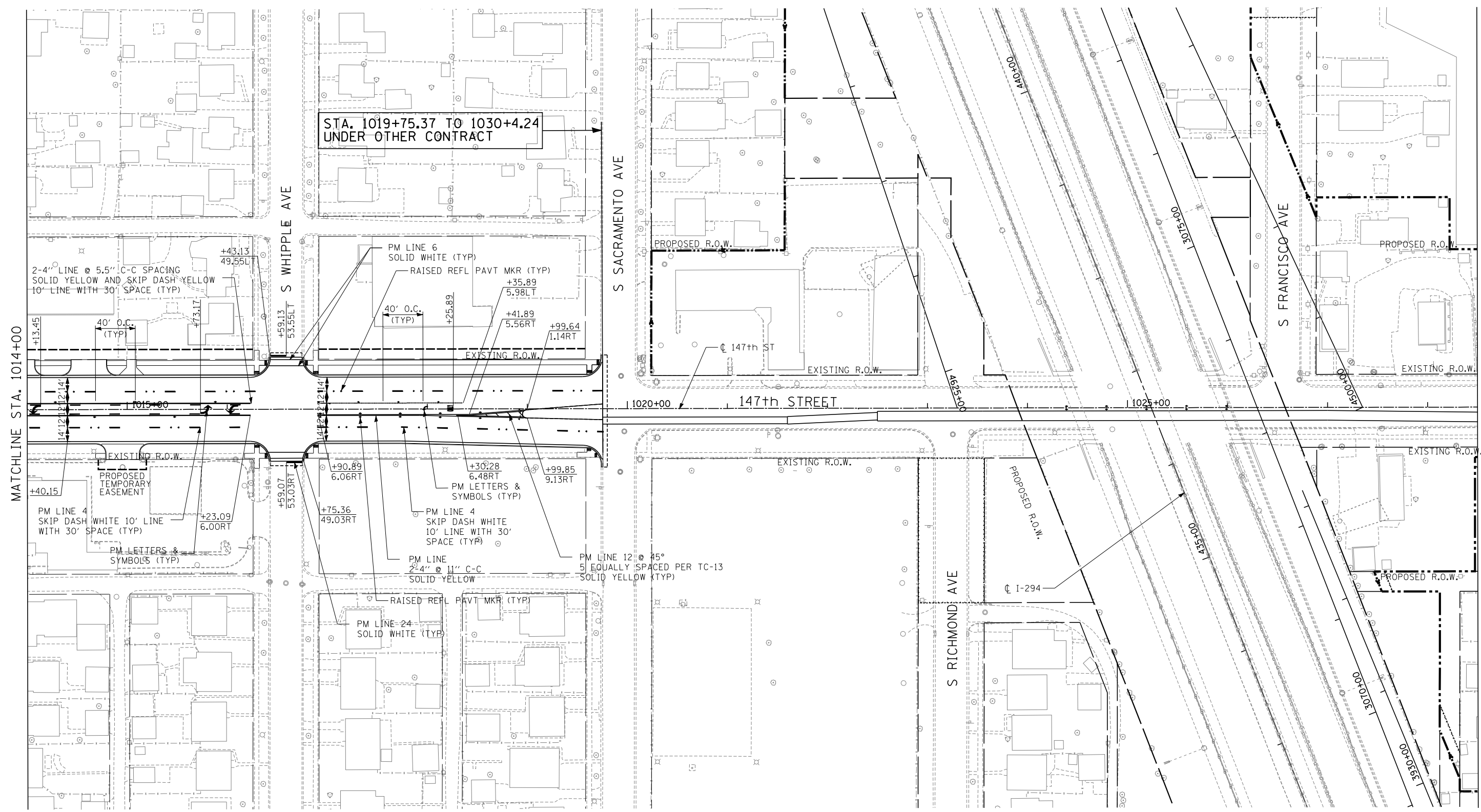
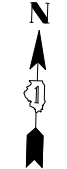
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	PLOT SCALE =	CHECKED - JPM	REVISED -
	PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: 1" = 50' SHEET NO. 1a OF 9 SHEETS STA. 5016+00 TO STA. 5029+50

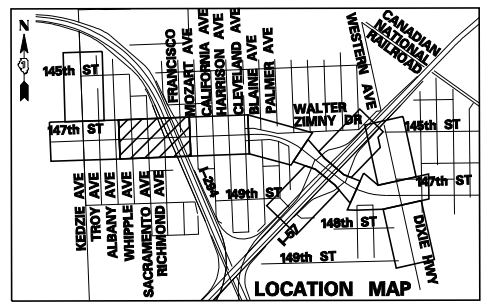
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	317
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



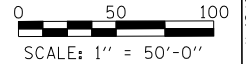
STA. 1019+75.37 TO 1030+4.24
UNDER OTHER CONTRACT

MATCHLINE STA. 1014+00

MATCHLINE STA. 1028+50



- NOTES:**
1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
 2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



TYLIN INTERNATIONAL

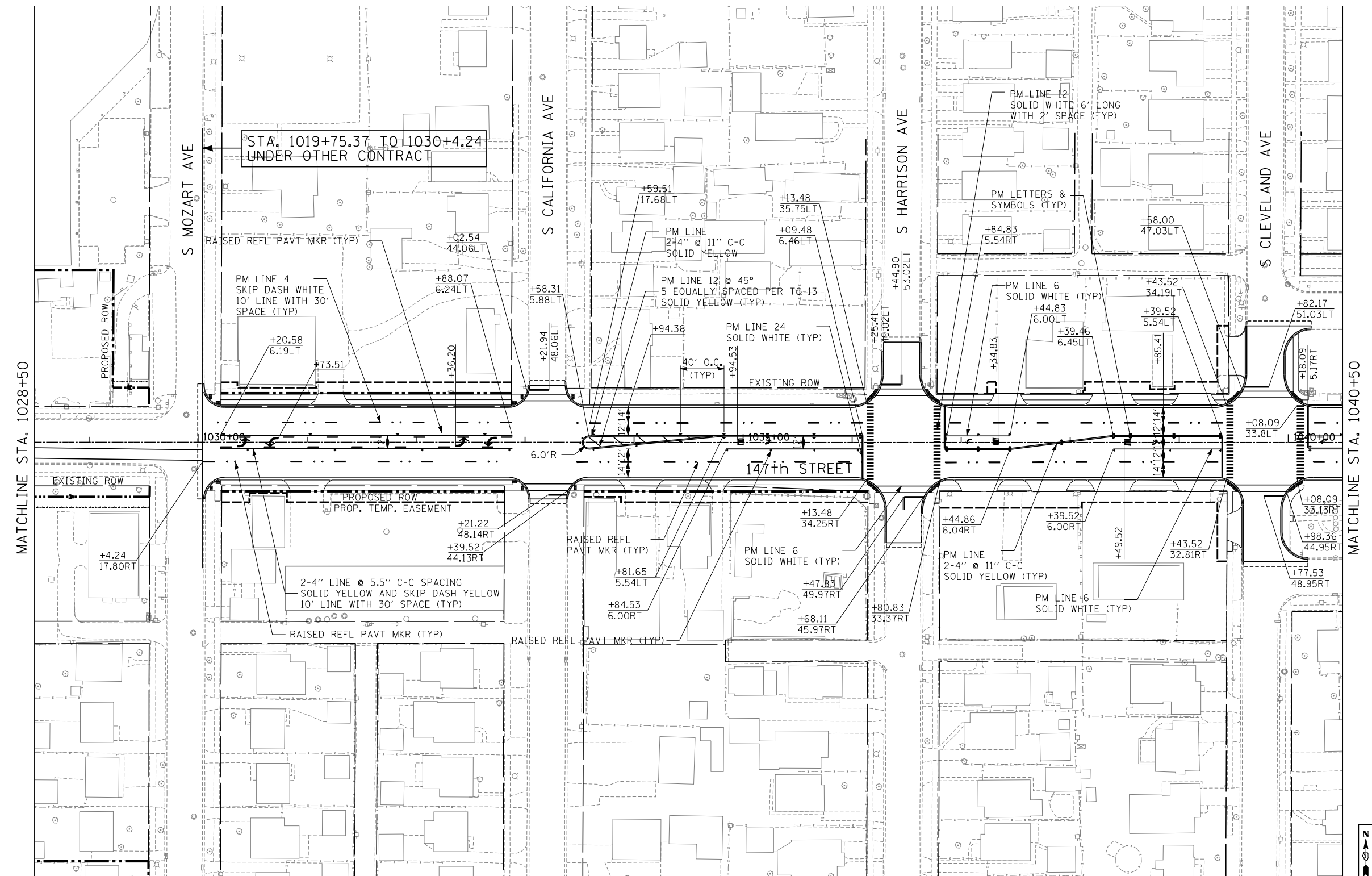
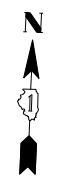
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PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
PAVEMENT MARKING PLANS

SCALE: 1" = 50' SHEET NO. 2 OF 9 SHEETS STA. 1014+00 TO STA. 1028+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	318
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

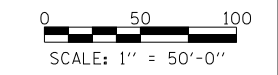
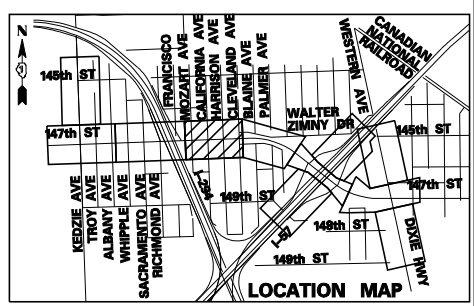


MATCHLINE STA. 1028+50

MATCHLINE STA. 1040+50

NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



TYLIN INTERNATIONAL

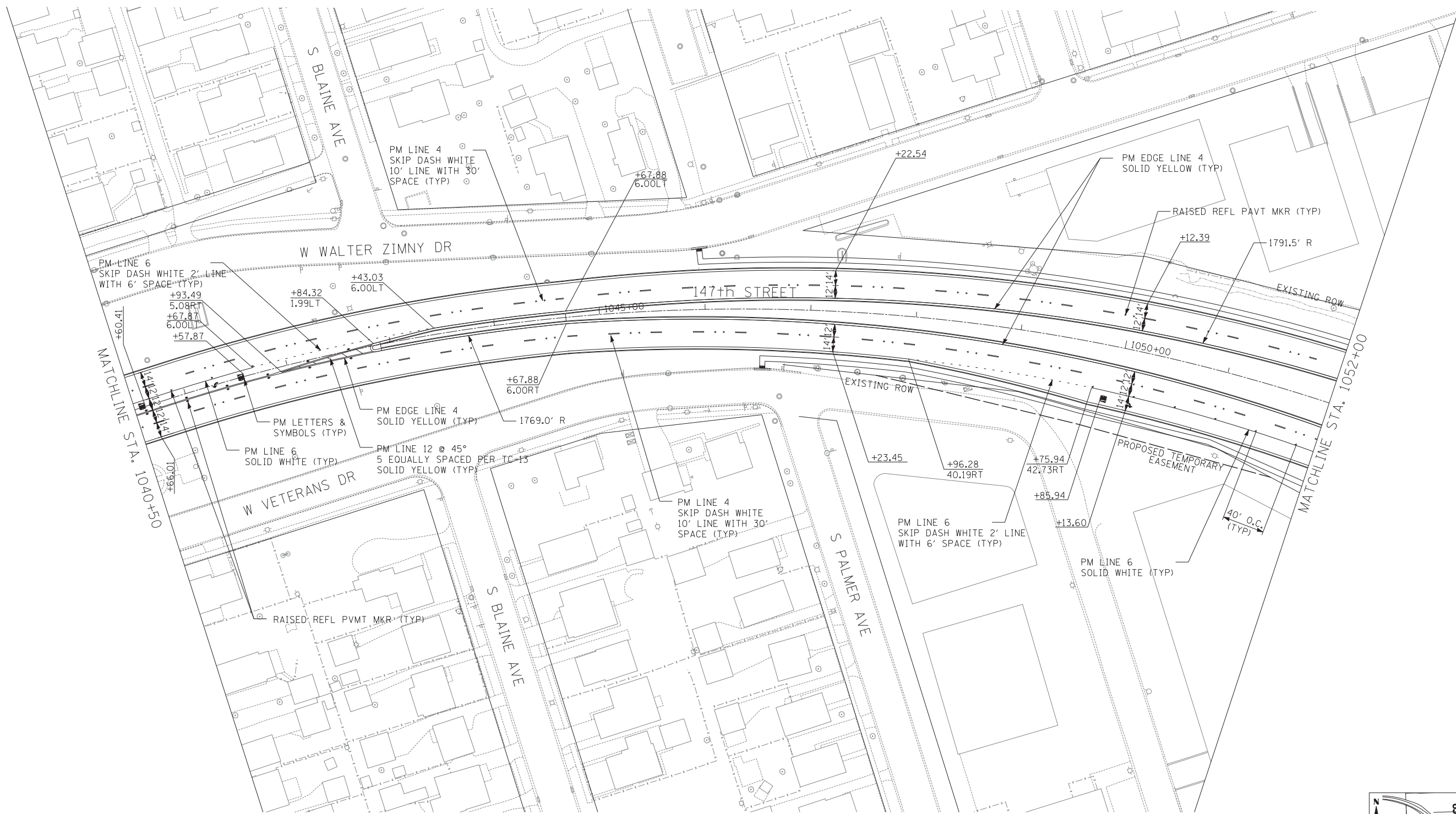
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DRAWN - BES	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

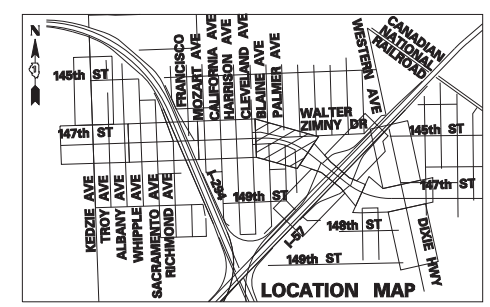
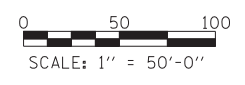
SCALE: 1" = 50' SHEET NO. 3 OF 9 SHEETS STA. 1028+50 TO STA. 1040+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	319
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



TYLIN INTERNATIONAL

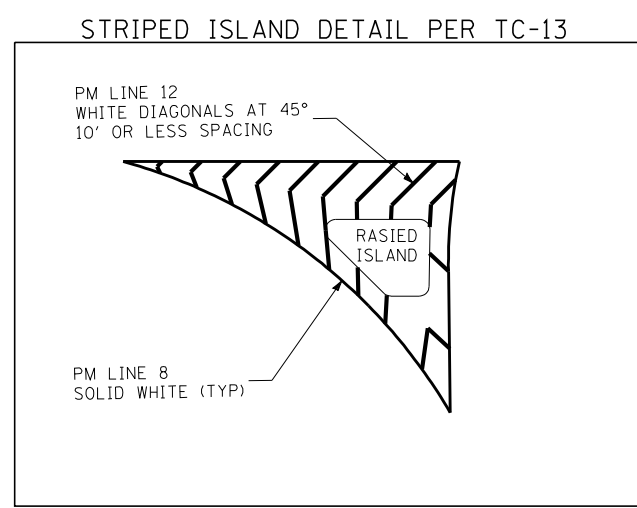
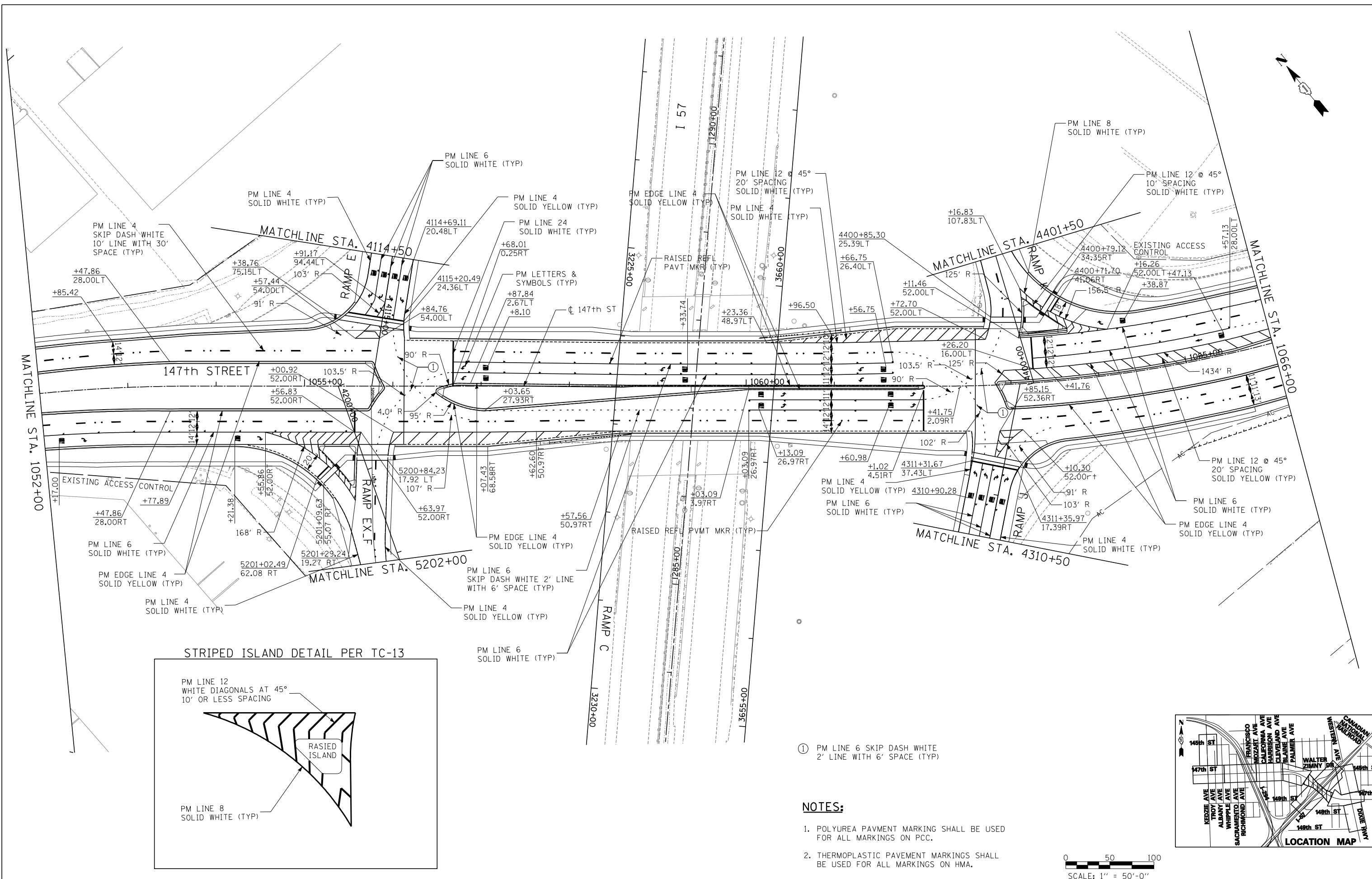
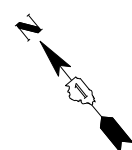
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	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. 1040+50 TO STA. 1052+00

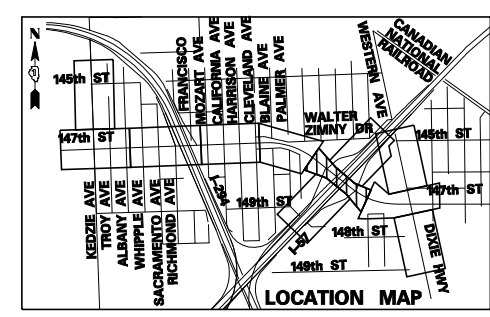
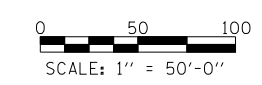
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	320
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



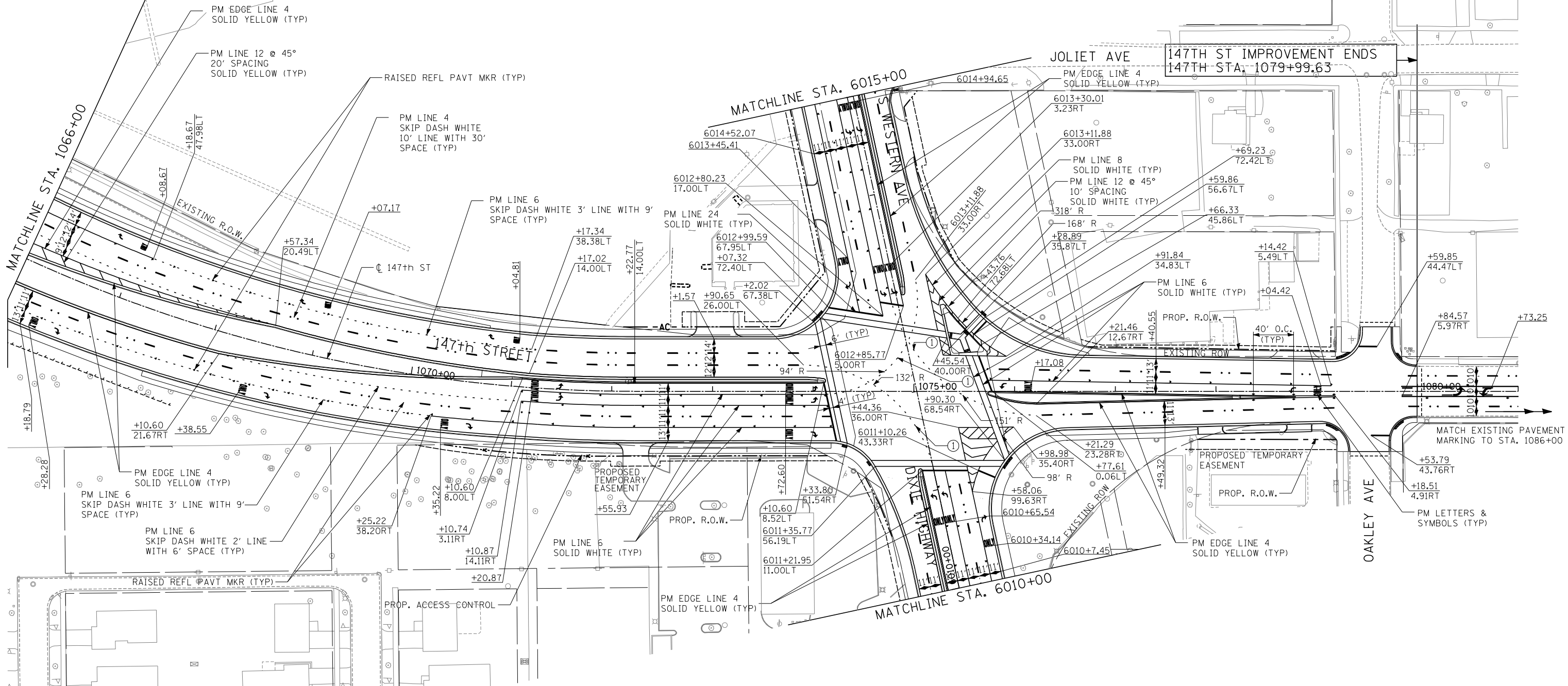
① PM LINE 6 SKIP DASH WHITE
2' LINE WITH 6' SPACE (TYP)

NOTES:

- POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
- THERMOPLASTIC PAVMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.

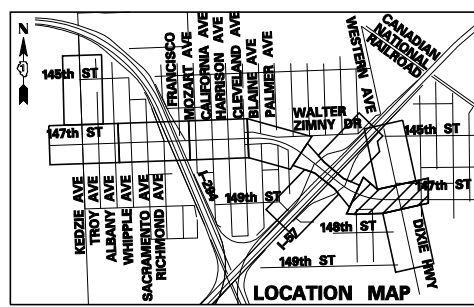
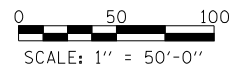


TYLIN INTERNATIONAL USER NAME = PLOT SCALE = PLOT DATE =	DESIGNED - BES DRAWN - BES CHECKED - JPM DATE - 5/23/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	147TH STREET PROJECT PAVEMENT MARKING PLANS		F.A.I. RTE. XX SECTION (0405-1 & 0506-2) R-1 COUNTY COOK FEDERAL ROAD DIST. NO. ILLINOIS	TOTAL SHEETS 577 SHEET NO. 321 CONTRACT NO. 60M57	SHEET NO. 321 FEDERAL AID PROJECT
	SCALE: 1"=50' SHEET NO. 5 OF 9 SHEETS STA. 1052+00 TO STA. 1066+00			SCALE: 1" = 50'-0"		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	PROJECT FILE: P:\602540(57-294)\road\p10_147th\p10_PMK_SHT05.dgn							

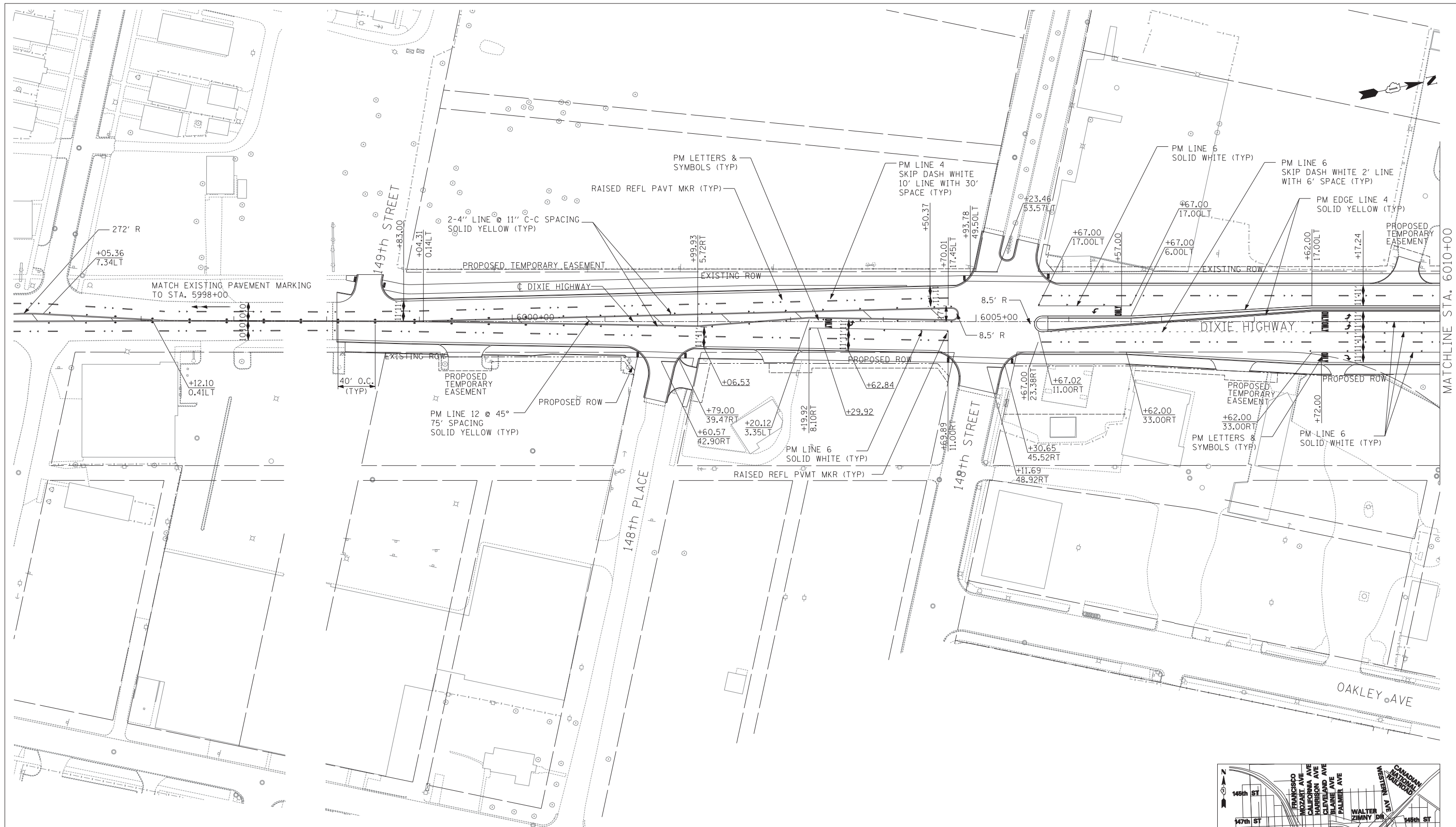


NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
 2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.
- ① PM LINE 6 SKIP DASH WHITE 2' LINE WITH 6' SPACE (TYP)

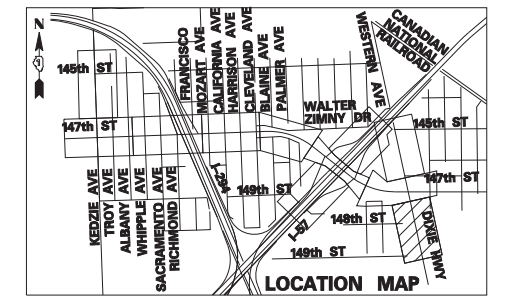
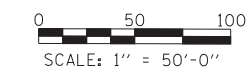


TYLIN INTERNATIONAL USER NAME = PLOT SCALE = PLOT DATE =	DESIGNED - BES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	147TH STREET PROJECT PAVEMENT MARKING PLANS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - BES	REVISED -		SCALE: 1" = 50'	SHEET NO. 6 OF 9 SHEETS	STA. 1066+00 TO STA. 1081+00	XX	(0405-1 & 0506-2) R-1	COOK	577	322
	CHECKED - JPM	REVISED -					CONTRACT NO. 60M57				
DATE - 5/23/2012	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



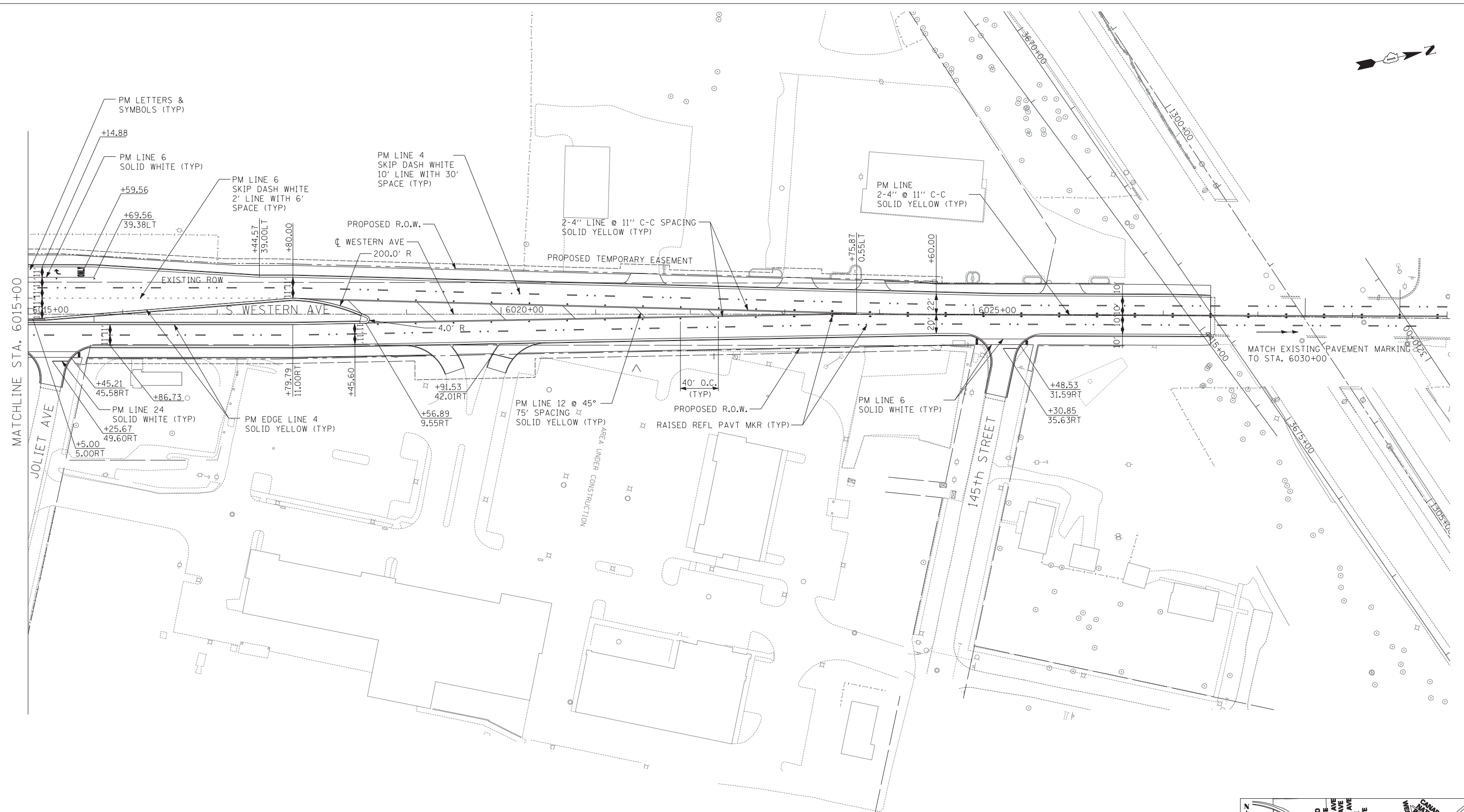
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		DRAWN - BES	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

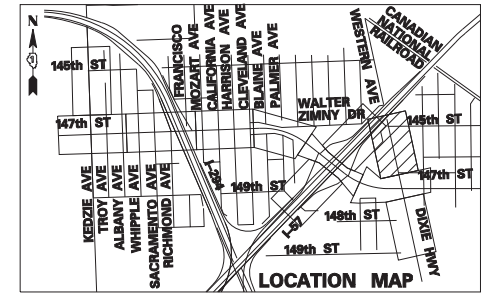
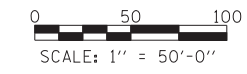
**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: SHEET NO. 7 OF 9 SHEETS STA. 5998+00 TO STA. 6010+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	323
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- NOTES:**
1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
 2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



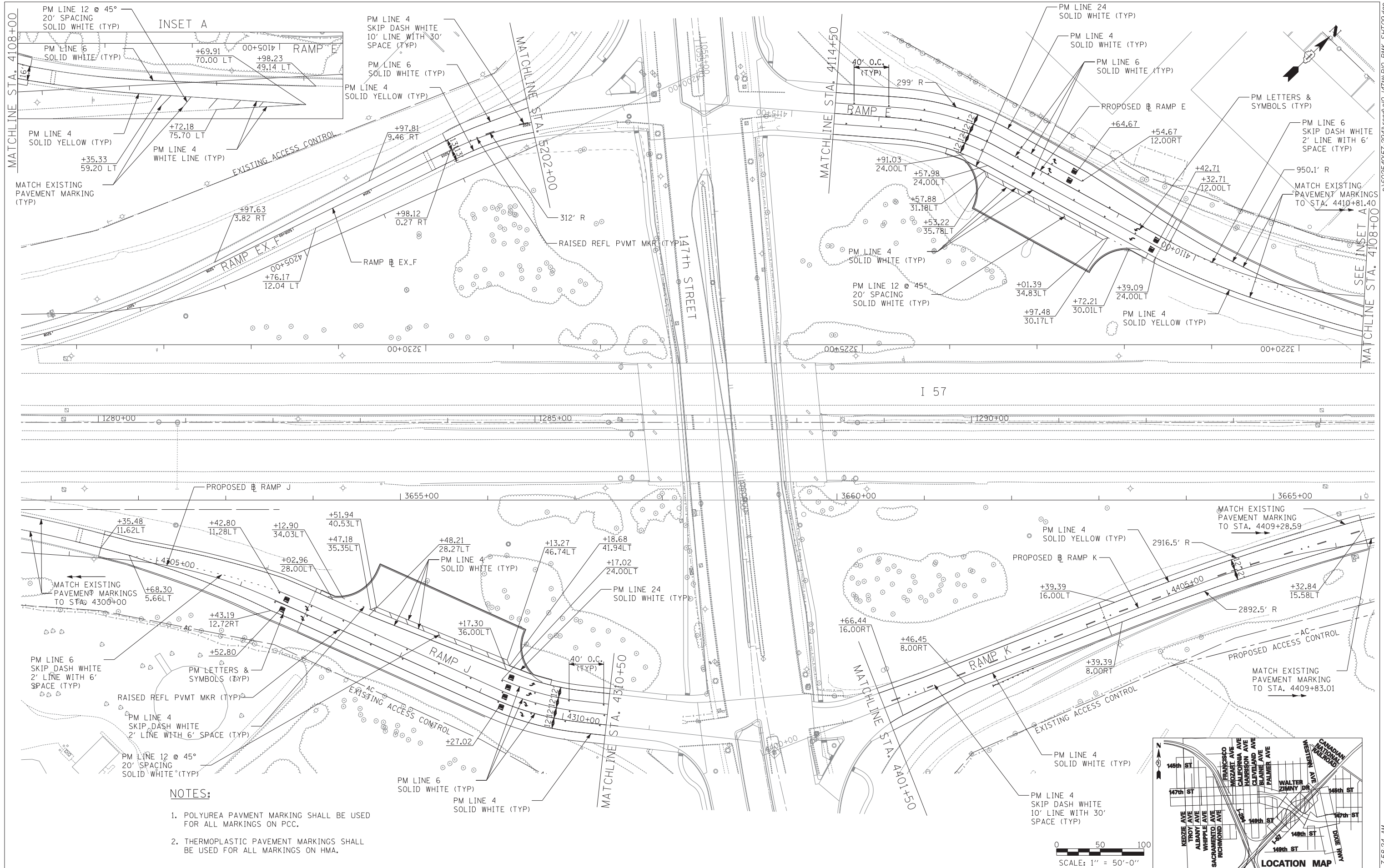
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	PLOT DATE =	CHECKED - JPM	REVISED -
		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: SHEET NO. 8 OF 9 SHEETS STA. 6015+00 TO STA. 6028+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	324
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 4108+00

MATCHLINE STA. 4108+00

MATCH EXISTING PAVEMENT MARKING (TYP)

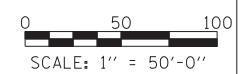
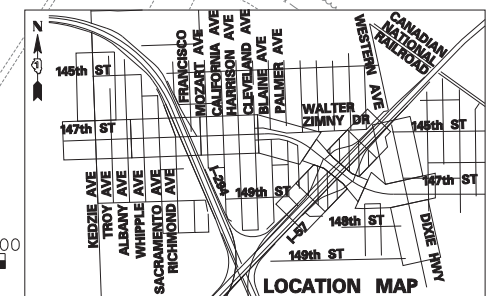
MATCH EXISTING PAVEMENT MARKING TO STA. 4410+81.40

MATCHLINE STA. 4108+00

I 57

NOTES:

1. POLYUREA PAVMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.
2. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED FOR ALL MARKINGS ON HMA.



TYLIN INTERNATIONAL

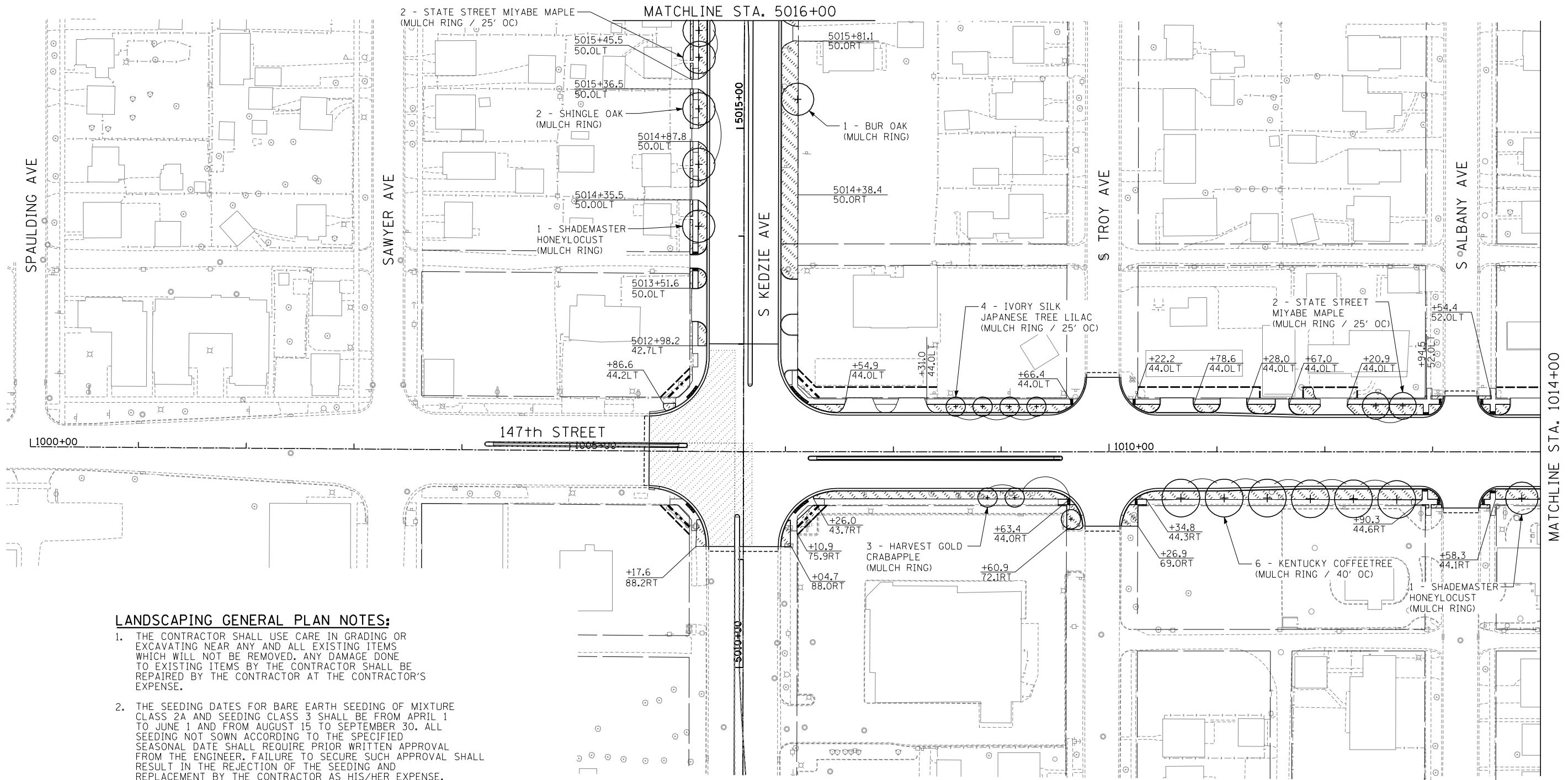
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	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

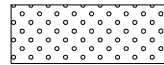

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	325
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

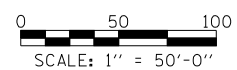
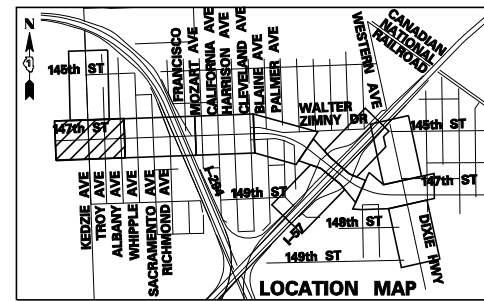


LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A AND SEEDING CLASS 3 SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
3. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A AND SEEDING CLASS 3.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
5. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING AND PLANTING.
6. QUANTITIES INCLUDE SOD BETWEEN BACK OF PROPOSED SIDEWALK AND EXISTING ROW LINE WHERE APPROPRIATE.

LANDSCAPING LEGEND:

-  EROSION CONTROL BLANKET
SEEDING, CLASS 2A
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS
-  TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS

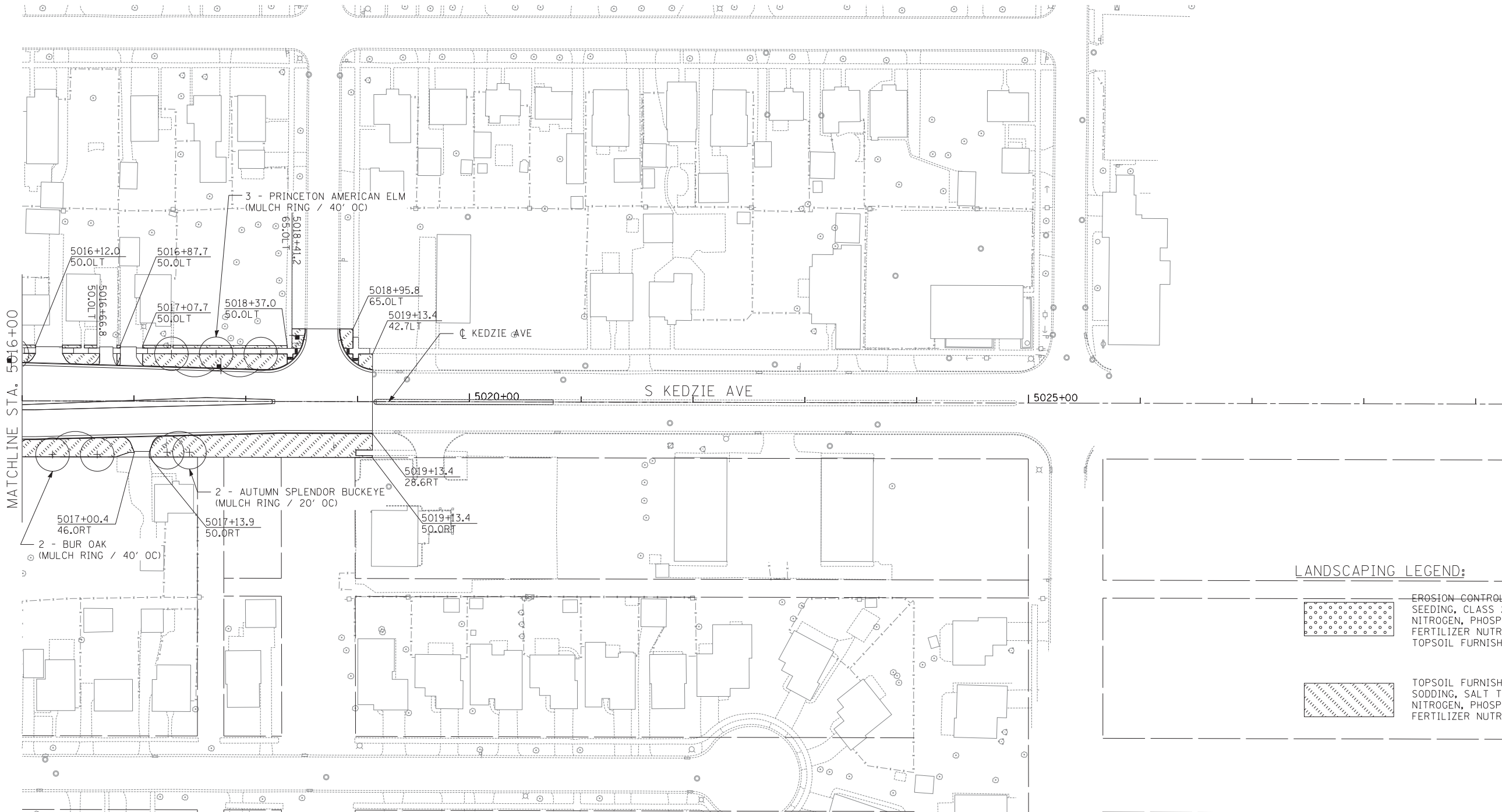


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		DATE - 5/23/2012	REVISED -

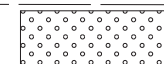

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

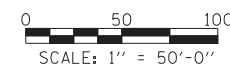
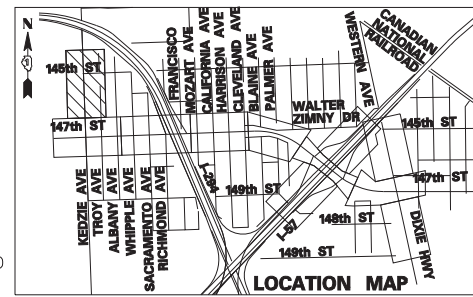
147TH STREET PROJECT LANDSCAPING PLAN			
SCALE: 1" = 50'	SHEET NO. 1 OF 9 SHEETS	STA. 1000+00 TO STA. 1014+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	326
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND:

- 
 EROSION CONTROL-BLANKET
 SEEDING, CLASS 2A
 NITROGEN, PHOSPHORUS, AND POTASSIUM
 FERTILIZER NUTRIENTS
 TOPSOIL FURNISH AND PLACE, 4"
- 
 TOPSOIL FURNISH AND PLACE, 4"
 SODDING, SALT TOLERANT
 NITROGEN, PHOSPHORUS, AND POTASSIUM
 FERTILIZER NUTRIENTS



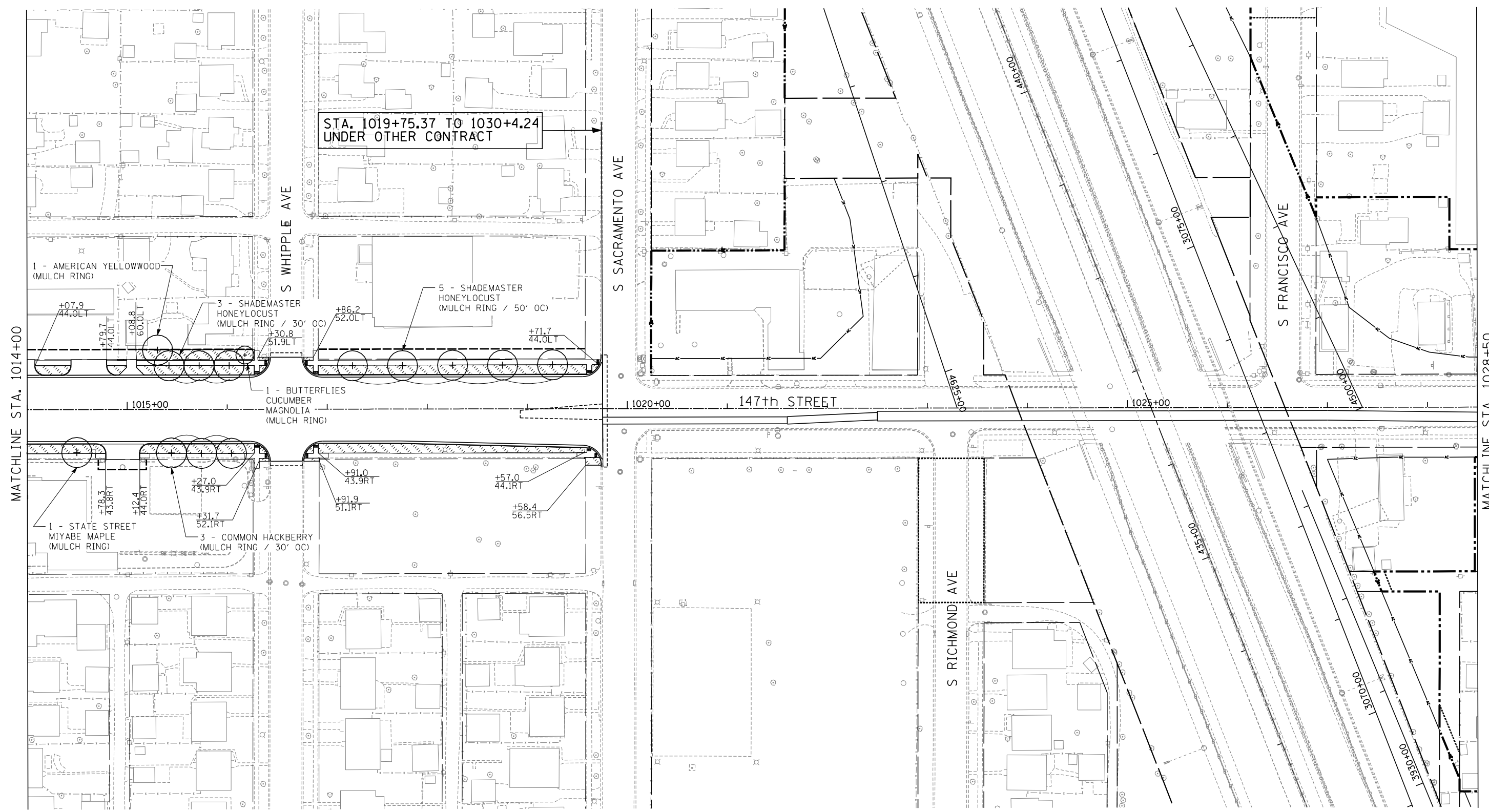
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	PLOT SCALE =	DRAWN - BES	REVISED -
	PLOT DATE =	CHECKED - JPM	REVISED -
		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
LANDSCAPING PLAN**

SCALE: 1" = 50' SHEET NO. 1a OF 9 SHEETS STA. 5016+00 TO STA. 5029+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	327
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

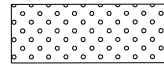



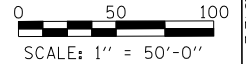
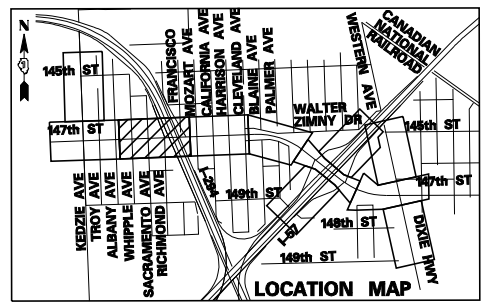
MATCHLINE STA. 1014+00

MATCHLINE STA. 1028+50

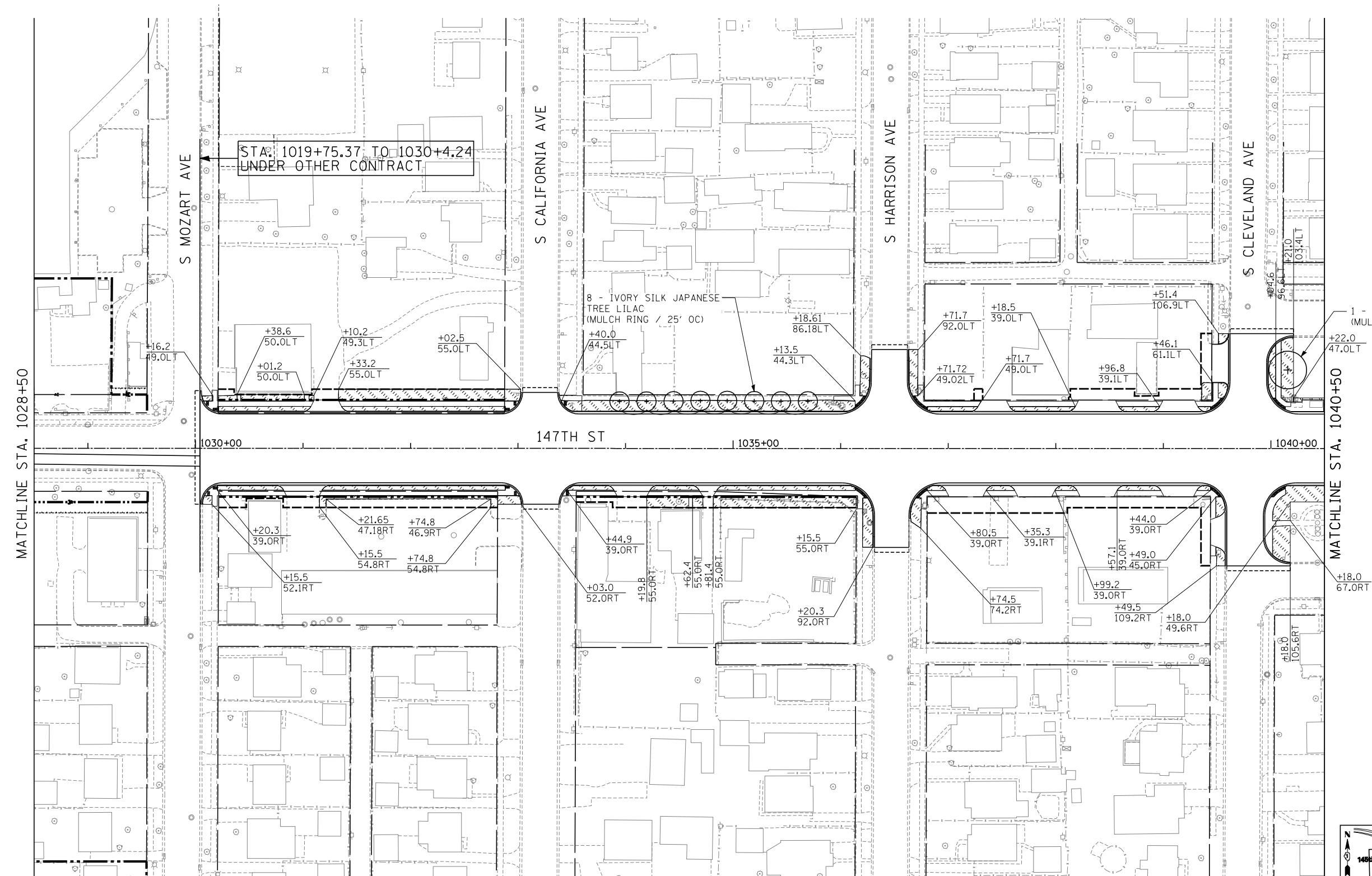
STA. 1019+75.37 TO 1030+4.24
UNDER OTHER CONTRACT

LANDSCAPING LEGEND:

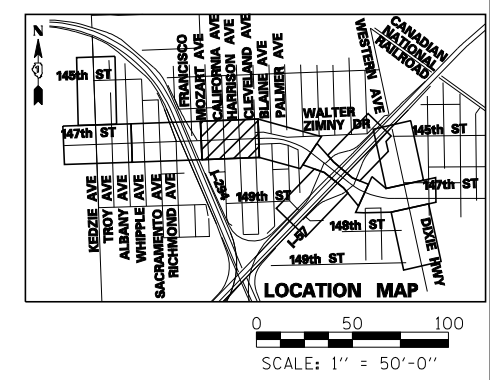
-  EROSION CONTROL BLANKET
SEEDING, CLASS 2A
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS
TOPSOIL FURNISH AND PLACE, 4"
-  TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS



TYLIN INTERNATIONAL USER NAME = PLOT SCALE = PLOT DATE =	DESIGNED - BES DRAWN - BES CHECKED - JPM DATE - 5/23/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		147TH STREET PROJECT LANDSCAPING PLAN		F.A.I. RTE. XX SECTION (0405-1 & 0506-2) R-1 COUNTY COOK TOTAL SHEETS 577 SHEET NO. 328 CONTRACT NO. 60M57
	SCALE: 1" = 50' SHEET NO. 2 OF 9 SHEETS STA. 1014+00 TO STA. 1028+50			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		6/20/2012 3:31:27 PM	



- LANDSCAPING LEGEND:**
- EROSION CONTROL BLANKET
SEEDING, CLASS 2A
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS
TOPSOIL FURNISH AND PLACE, 4"
 - TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS



TYLIN INTERNATIONAL

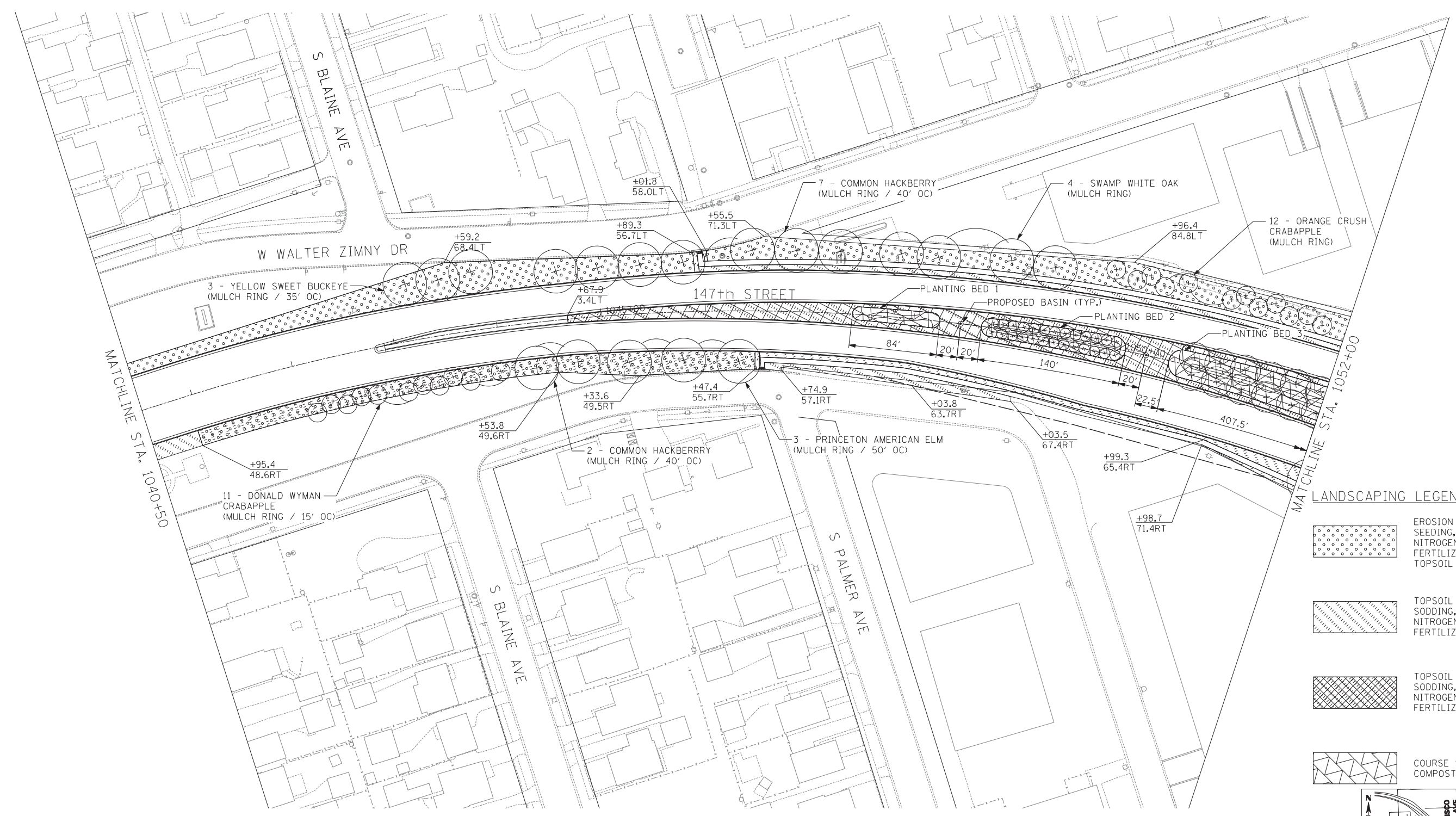
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DRAWN - BES	REVISIONS -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
LANDSCAPING PLAN**

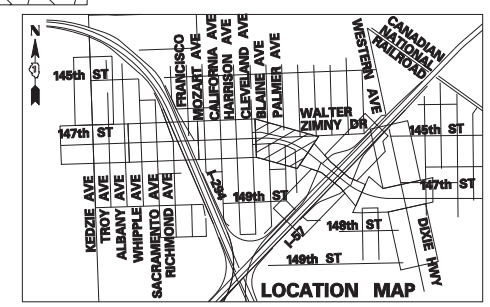
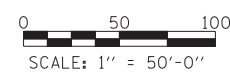
SCALE: 1" = 50' SHEET NO. 3 OF 9 SHEETS STA. 1028+50 TO STA. 1040+50

F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	329
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LANDSCAPING LEGEND:

	EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 4"
	TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
	TOPSOIL FURNISH AND PLACE, 30" SODDING, SALT TOLERANT NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
	COURSE SAND FURNISH AND PLACE, 2" COMPOST FURNISH AND PLACE, 4"



TYLIN INTERNATIONAL

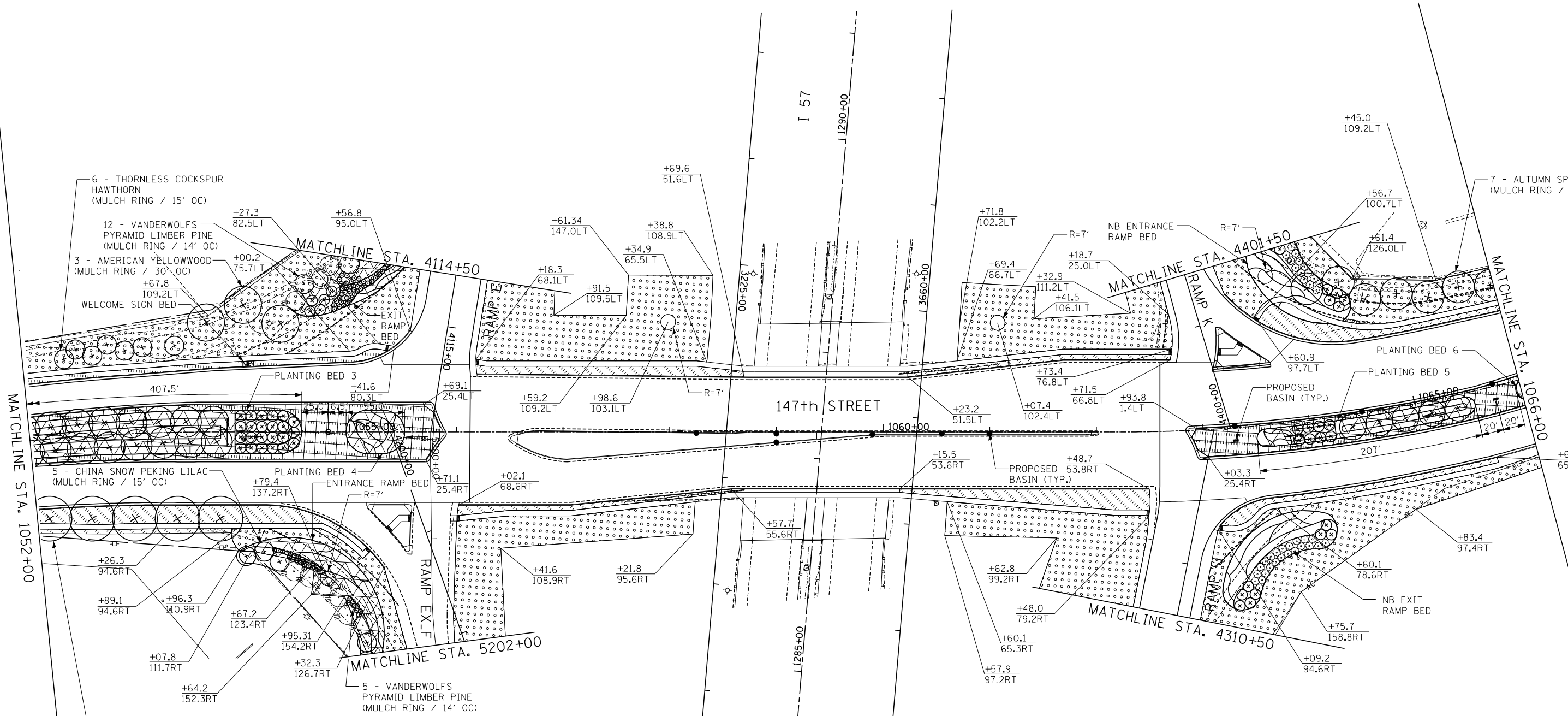
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PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
LANDSCAPING PLAN**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. 1040+50 TO STA. 1052+00

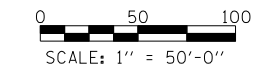
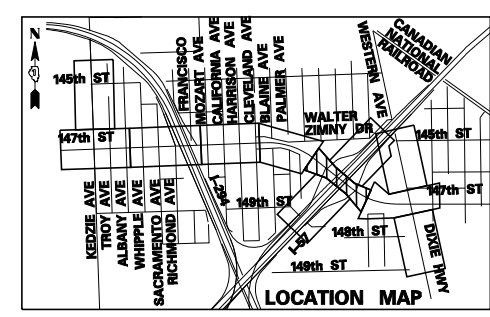
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	330
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



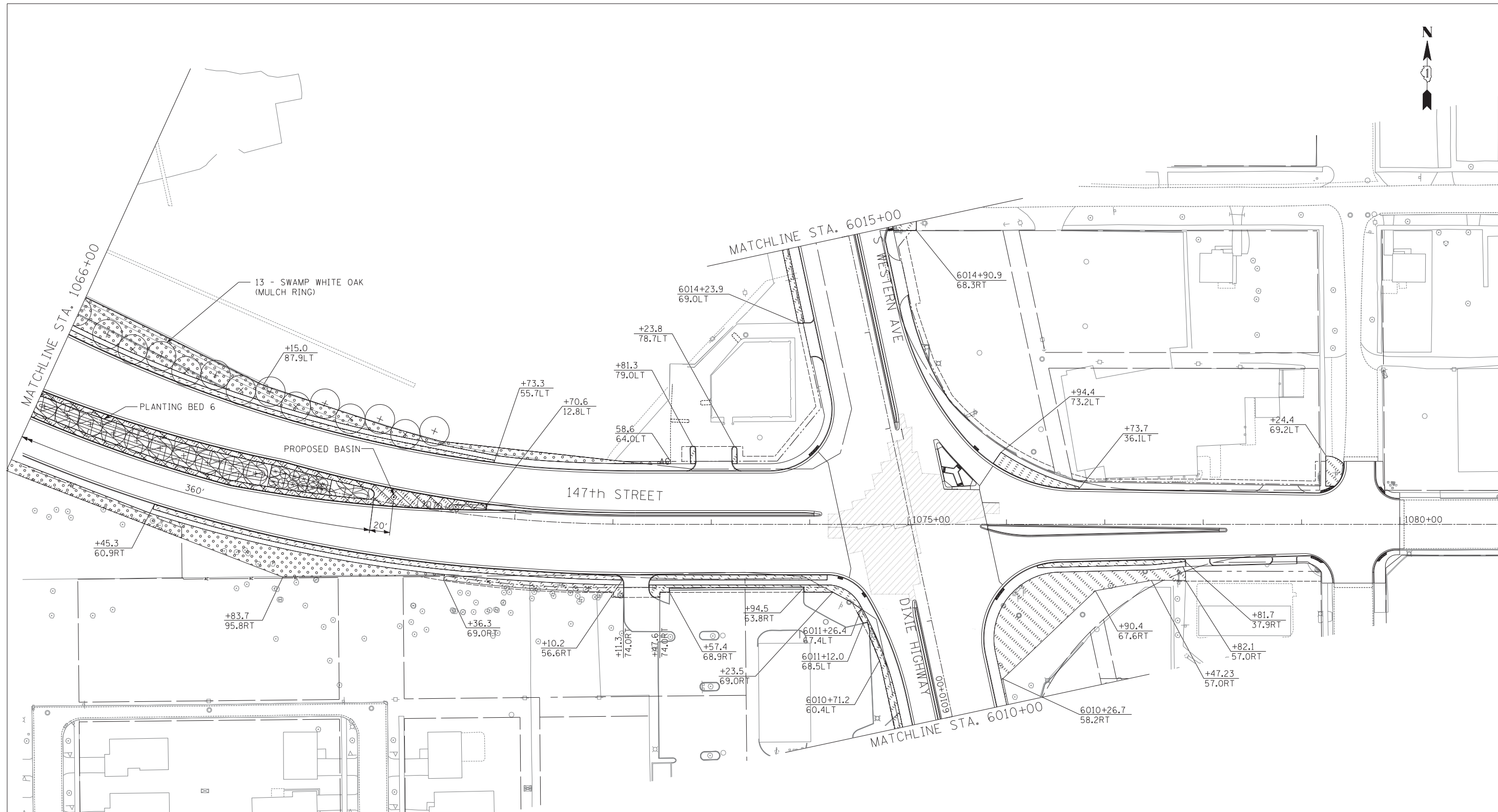
LANDSCAPING LEGEND:

	EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 4"
	TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
	TOPSOIL FURNISH AND PLACE, 10" SODDING, SALT TOLERANT NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
	COURSE SAND FURNISH AND PLACE, 2" COMPOST FURNISH AND PLACE, 4"

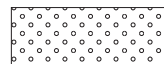


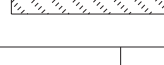
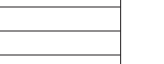


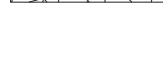


NOTE:
ALL STATIONS AND OFFSETS
ON THIS SHEET USE 147TH ST CL

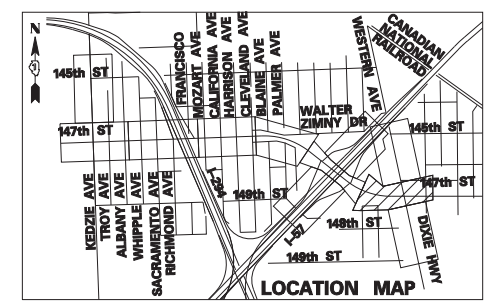
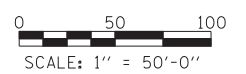


TYLIN INTERNATIONAL	USER NAME =	DESIGNED - BES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	147TH STREET PROJECT LANDSCAPING PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BES	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 9 SHEETS	STA. 1052+00 TO STA. 1066+00	XX	(0405-1 & 0506-2) R-1	COOK	577	331
	PLOT DATE =	CHECKED - JPM	REVISED -					CONTRACT NO. 60M57				
		DATE - 5/23/2012	REVISED - 8/1/2012					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND:

-  EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A
-  NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
-  TOPSOIL FURNISH AND PLACE, 4"
-  TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
-  NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
-  COURSE SAND FURNISH AND PLACE, 2"
-  COMPOST FURNISH AND PLACE, 4"
-  TOPSOIL FURNISH AND PLACE, 10" SODDING, SALT TOLERANT
-  NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS



TYLIN INTERNATIONAL

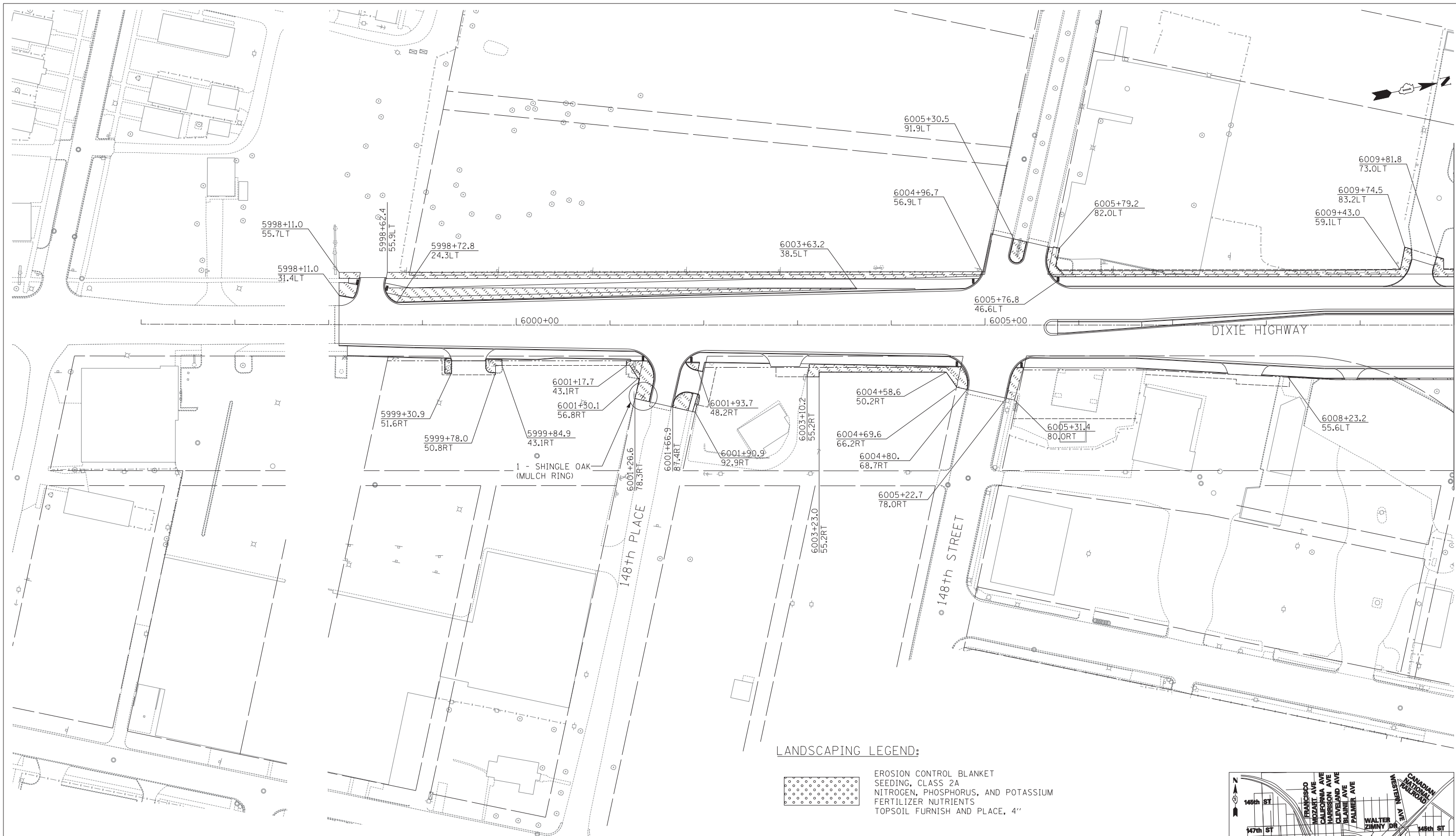
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

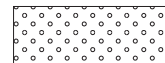
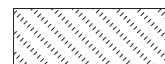
**147TH STREET PROJECT
LANDSCAPING PLAN**

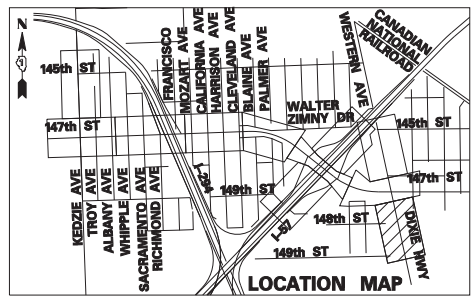
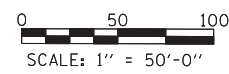
SCALE: 1" = 50' SHEET NO. 6 OF 9 SHEETS STA. 1066+00 TO STA. 1081+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	332
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND:

-  EROSION CONTROL BLANKET
SEEDING, CLASS 2A
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS
TOPSOIL FURNISH AND PLACE, 4"
-  TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
NITROGEN, PHOSPHORUS, AND POTASSIUM
FERTILIZER NUTRIENTS



TYLIN INTERNATIONAL

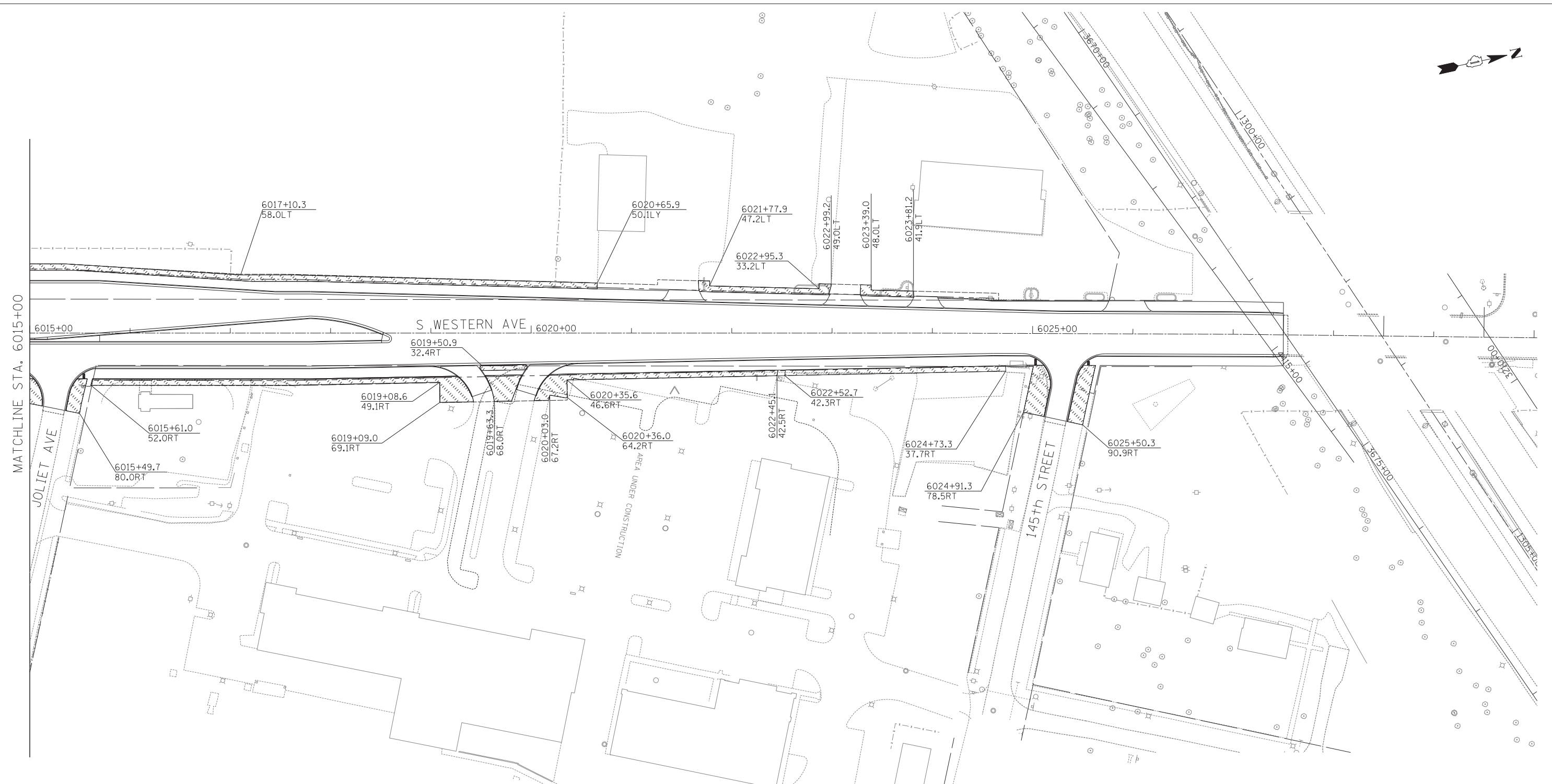
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PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

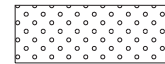

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

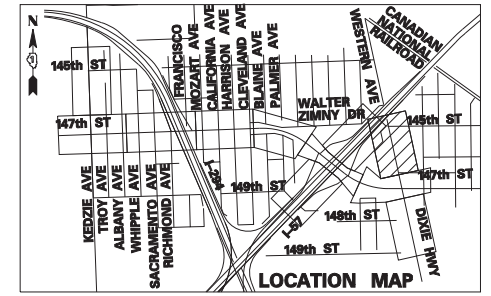
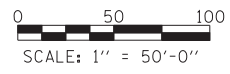
**147TH STREET PROJECT
LANDSCAPING PLAN**

SCALE: SHEET NO. 7 OF 9 SHEETS STA. 5998+00 TO STA. 6010+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	333
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



- LANDSCAPING LEGEND:**
- 
 EROSION CONTROL BLANKET
 SEEDING, CLASS 2A
 NITROGEN, PHOSPHORUS, AND POTASSIUM
 FERTILIZER NUTRIENTS
 TOPSOIL FURNISH AND PLACE, 4"
 - 
 TOPSOIL FURNISH AND PLACE, 4"
 SODDING, SALT TOLERANT
 NITROGEN, PHOSPHORUS, AND POTASSIUM
 FERTILIZER NUTRIENTS



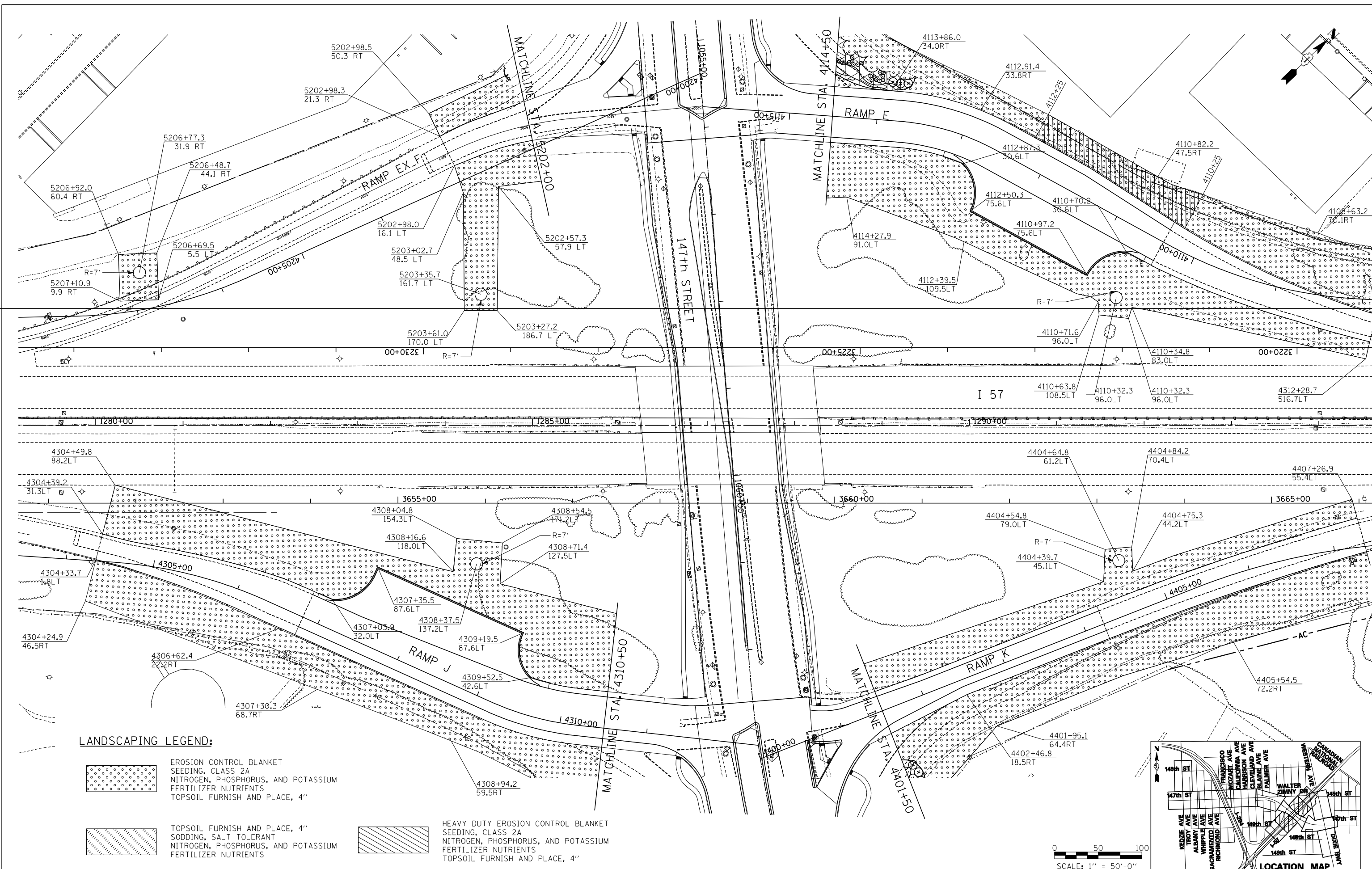
TYLIN INTERNATIONAL	USER NAME =	DESIGNED - BES	REVISED -
	PLOT SCALE =	DRAWN - BES	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


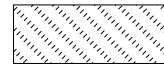

**147TH STREET PROJECT
LANDSCAPING PLAN**

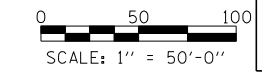
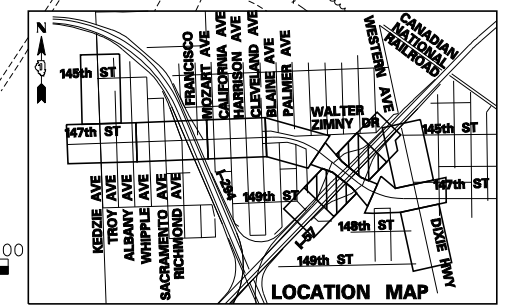
SCALE: SHEET NO. 8 OF 9 SHEETS STA. 6015+00 TO STA. 6028+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	334
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND:

-  EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 4"
-  TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
-  HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS TOPSOIL FURNISH AND PLACE, 4"



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

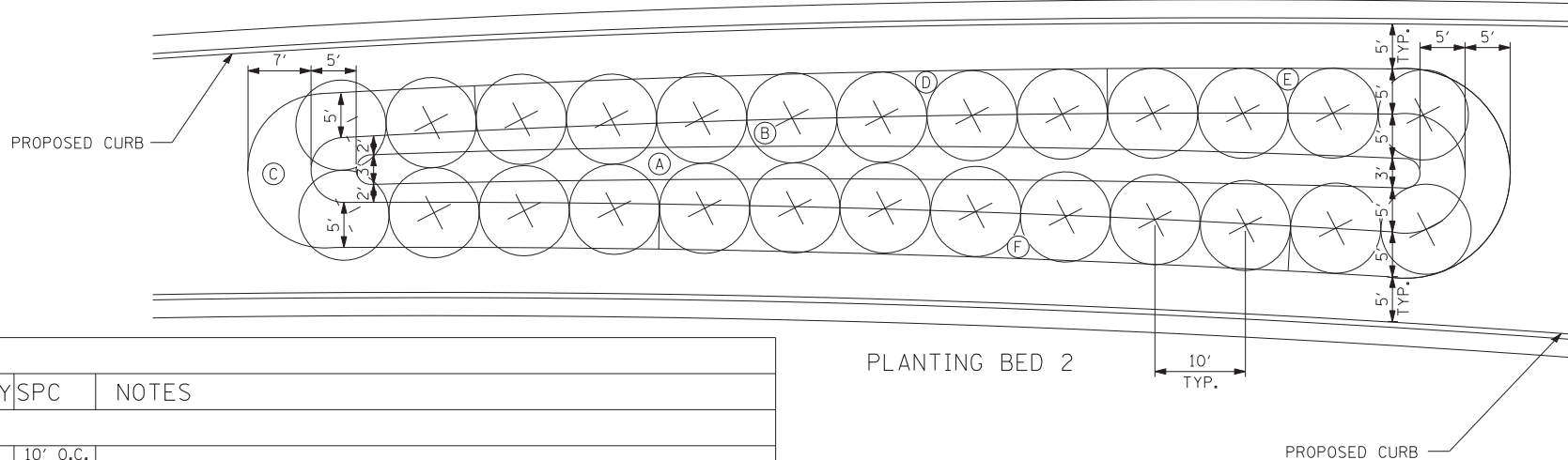
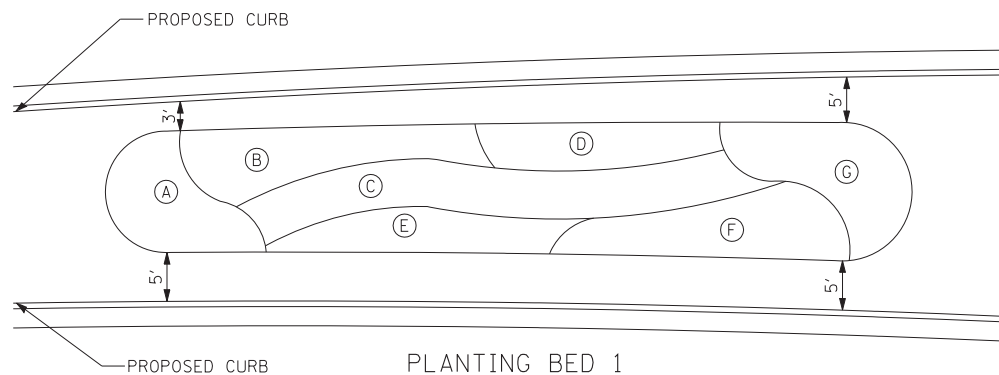
**147TH STREET PROJECT
LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	335
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LANDSCAPE SCHEDULE - 147TH BED 1

BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY	SPC	NOTES
SHRUBS							
A		ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	30	36" O.C.	
ORNAMENTAL GRASSES							
C		CALAMAGROSTIS X ACUTIFOLIA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL	50	24" O.C.	
PERENNIALS							
B		HEMEROCALLIS 'CHICAGO APACHE'	CHICAGO APACHE DAYLILY	1 GAL	20	18" O.C.	
B		HEMEROCALLIS 'CHICAGO HEIRLOOM'	CHICAGO HEIRLOOM DAYLILY	1 GAL	20	18" O.C.	
B		HEMEROCALLIS 'FAIRY TALE PINK'	FAIRY TALE PINK DAYLILY	1 GAL	20	18" O.C.	
B		HEMEROCALLIS 'FRAGRANT TREASURE'	FRAGRANT TREASURE DAYLILY	1 GAL	20	18" O.C.	
B		HEMEROCALLIS 'WOODSIDE FIRE DANCE'	WOODSIDE FIRE DANCE DAYLILY	1 GAL	20	18" O.C.	
D		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	35	18" O.C.	
D		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	35	18" O.C.	
D		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	35	18" O.C.	
E		ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	40	18" O.C.	
E		HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	40	18" O.C.	
F		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	20	15" O.C.	
F		HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	20	15" O.C.	
F		HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	20	15" O.C.	
F		HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	20	15" O.C.	
F		HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	20	15" O.C.	
F		HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	20	15" O.C.	
G		RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	130	15" O.C.	
BULBS							
B		NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE 500	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
C		ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE 550	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
D		NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE 550	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
E		NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE 400	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTERS AND APRICOT SPARKLES DAYLILIES	
F		NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE 350	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
G		NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE 400	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	



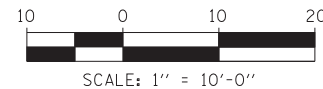
PLANTING BED 1

PLANTING BED 2

LANDSCAPE SCHEDULE - 147TH BED 2

BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY	SPC	NOTES
ORNAMENTAL TREES							
		SYRINGA RETICULATA 'SUMMER SNOW'	SUMMER SNOW JAPANESE TREE LILAC	2.5" CAL	26	10' O.C.	
SHRUBS							
B		RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	18" WIDTH/ CONTAINER	145	36" O.C.	
ORNAMENTAL GRASSES							
A		SCHIZACHYRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	150	24" O.C.	
PERENNIALS							
C		NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	140	18" O.C.	
D		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	28	15" O.C.	
D		HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	28	15" O.C.	
D		HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	28	15" O.C.	
D		HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	28	15" O.C.	
D		HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	28	15" O.C.	
D		HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	28	15" O.C.	
E		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	45	18" O.C.	
E		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	45	18" O.C.	
E		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	45	18" O.C.	
F		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	28	15" O.C.	
F		HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	28	15" O.C.	
F		HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	28	15" O.C.	
F		HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	28	15" O.C.	
F		HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	28	15" O.C.	
F		HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	28	15" O.C.	
BULBS							
A		ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE 1000	8" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
C		NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE 900	6" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT	
D		NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE 200	15" O.C.		
D		NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE 200	15" O.C.	1 OF EACH BULB PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
D		NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE 200	15" O.C.		
E		NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE 500	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
F		NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE 200	15" O.C.		
F		NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE 200	15" O.C.	1 OF EACH BULB PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
F		NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE 200	15" O.C.		

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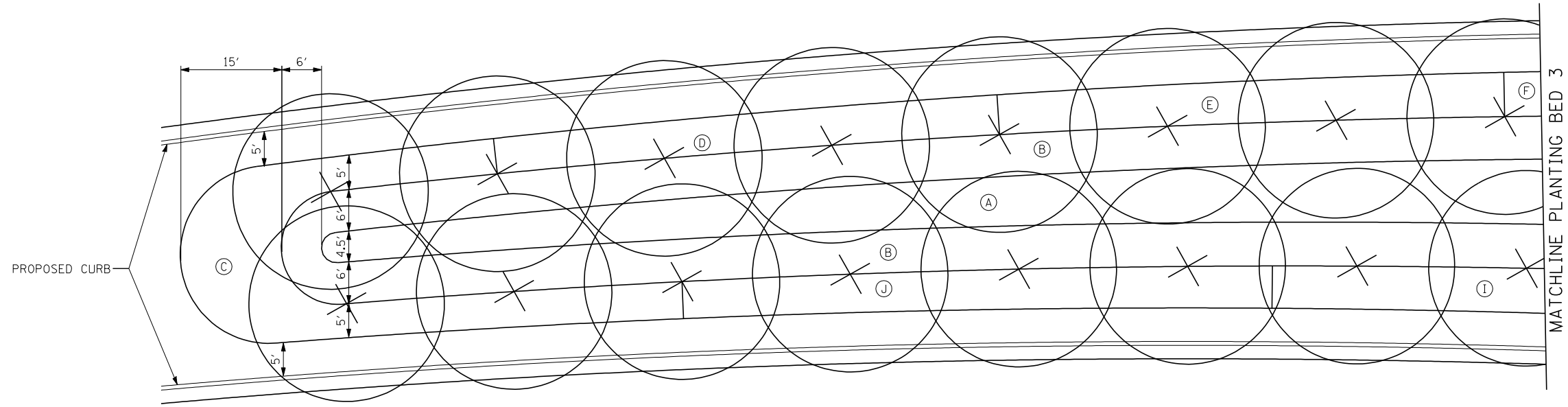
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	DRAWN -	REVISED -
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PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

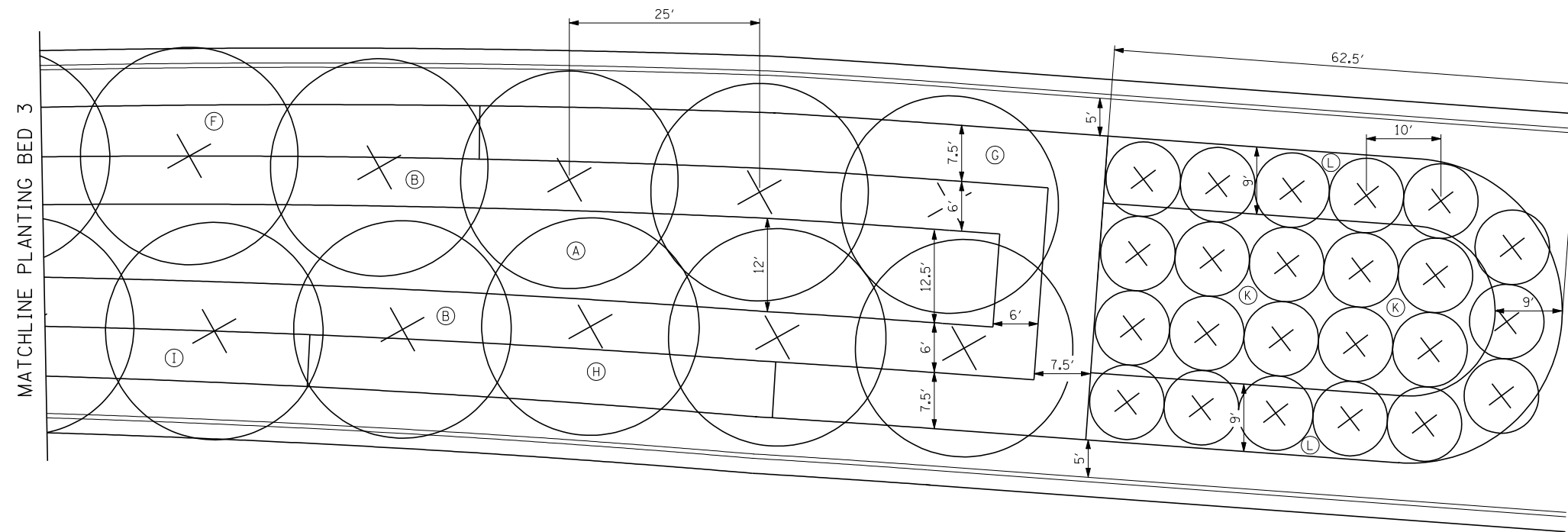
147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 1

SCALE: SHEET NO. 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	336
CONTRACT NO. 60M57			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLANTING BED 3



PLANTING BED 3



SCALE: 1" = 10'-0"

TYLIN INTERNATIONAL	USER NAME =	DESIGNED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -
		DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 2

SCALE: SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LANDSCAPE SCHEDULE - 147TH BED 3

BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES	
SHADE TREES/ SHRUBS/ ORNAMENTAL GRASSES	SHADE TREES							
		GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	8' HT	26	25' O.C.		
	SHRUBS							
	B		ARONIA MELANOCARPA 'MORTON'	IROQUOIS BEAUTY BLACK CHOKEBERRY	18" WIDTH	430	3' O.C.	
	ORNAMENTAL GRASSES							
	A		PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCH GRASS	1 GAL	675	24" O.C.	
	PERENNIALS							
	C		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	135	18" O.C.	
	C		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	135	18" O.C.	
	C		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	135	18" O.C.	
	D		NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	205	18" O.C.	
	E		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	65	15" O.C.	
	E		HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	65	15" O.C.	
	E		HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	65	15" O.C.	
	E		HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	65	15" O.C.	
	E		HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	65	15" O.C.	
	E		HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	65	15" O.C.	
	F		ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	120	18" O.C.	
	F		HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	120	18" O.C.	
	G		HEMEROCALLIS 'CHICAGO APACHE'	CHICAGO APACHE DAYLILY	1 GAL	100	18" O.C.	
	G		HEMEROCALLIS 'CHICAGO HEIRLOOM'	CHICAGO HEIRLOOM DAYLILY	1 GAL	100	18" O.C.	
	G		HEMEROCALLIS 'FAIRY TALE PINK'	FAIRY TALE PINK DAYLILY	1 GAL	100	18" O.C.	
	G		HEMEROCALLIS 'FRAGRANT TREASURE'	FRAGRANT TREASURE DAYLILY	1 GAL	100	18" O.C.	
	G		HEMEROCALLIS 'WOODSIDE FIRE DANCE'	WOODSIDE FIRE DANCE DAYLILY	1 GAL	100	18" O.C.	
	H		RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	310	15" O.C.	
	I		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	95	18" O.C.	
	I		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	95	18" O.C.	
	I		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	95	18" O.C.	
	J		ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	125	18" O.C.	
J		HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	125	18" O.C.		
BULBS								
A		ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1500	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
C		NARCISSUS 'BARRETT BROWNING'	BARRETT BROWNING DAFFODIL	TOP SIZE	2000	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
D		NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	1050	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT	
E		NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE	1200	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
F		NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	1200	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER AND DAYLILY	
G		NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE	2500	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
H		NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	1900	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	
I		NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	1500	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
J		NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE	1300	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER AND DAYLILY	
ORNAMENTAL TREE BED	ORNAMENTAL TREES							
		MALUS ZUMI 'CALOCARPA'	REDBUD ZUMI CRABAPPLE	6' HT	23	10' O.C.		
	SHRUBS							
	L		ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	137	36" O.C.	
	PERENNIALS							
K		SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL	245	24" O.C.		
K		MERTENSIA VIRGINICA	VIRGINIA BLUEBELLS	1 GAL	850	12" O.C.		

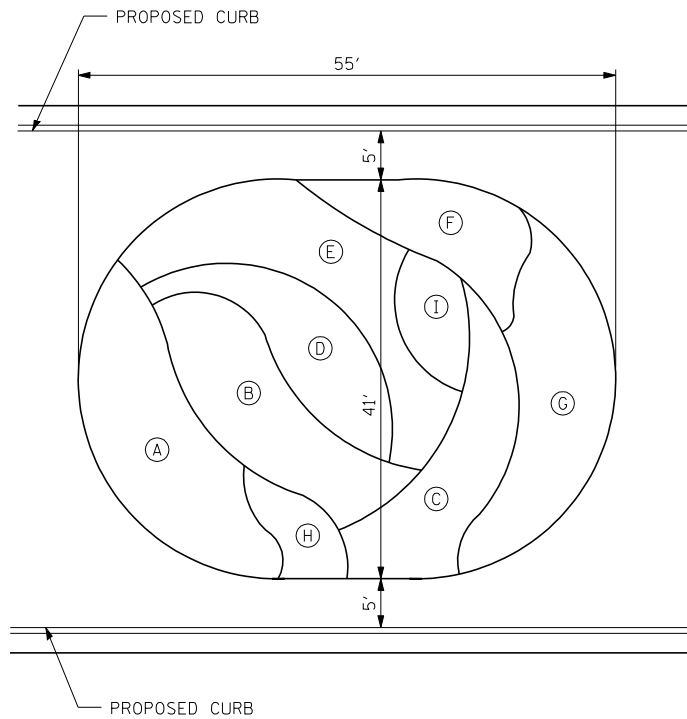
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	PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 3

SCALE: SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337a
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

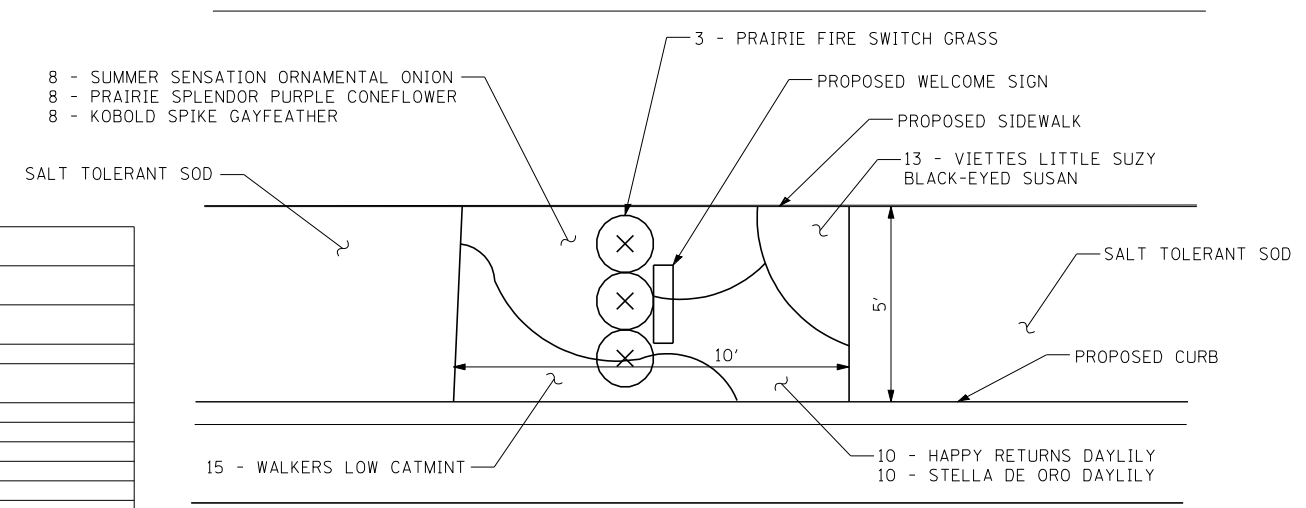


PLANTING BED 4

LANDSCAPE SCHEDULE - 147TH BED 4							
BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
ORNAMENTAL GRASSES							
B		SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	83	24" O.C.	
D		PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	ROTSTRAHLBUSCH SWITCH GRASS	1 GAL	57	30" O.C.	
PERENNIALS							
A		RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	170	15" O.C.	
C		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	60	18" O.C.	
C		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	60	18" O.C.	
C		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	60	18" O.C.	
E		HEMEROCALLIS 'BAJA'	BAJA DAYLILY	1 GAL	28	18" O.C.	
E		HEMEROCALLIS 'BROCADE GOWN'	BROCADE GOWN DAYLILY	1 GAL	28	18" O.C.	
E		HEMEROCALLIS 'CATHERINE WOODBERRY'	CATHERINE WOODBERRY DAYLILY	1 GAL	28	18" O.C.	
E		HEMEROCALLIS 'CHICAGO FIRE'	CHICAGO FIRE DAYLILY	1 GAL	28	18" O.C.	
E		HEMEROCALLIS 'ROCKET CITY'	ROCKET CITY DAYLILY	1 GAL	28	18" O.C.	
E		HEMEROCALLIS 'STRUTTER'S BALL'	STRUTTER'S BALL DAYLILY	1 GAL	28	18" O.C.	
F		NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	155	18" O.C.	
G		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	33	15" O.C.	
G		HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	33	15" O.C.	
G		HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	33	15" O.C.	
G		HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	33	15" O.C.	
G		HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	33	15" O.C.	
G		HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	33	15" O.C.	
H		ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	55	18" O.C.	
H		HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	55	18" O.C.	
I		ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	25	18" O.C.	
I		HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	25	18" O.C.	
BULBS							
A		NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	500	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN
B		ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	400	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES
C		NARCISSUS 'BARRETT BROWNING'	BARRETT BROWNING DAFFODIL	TOP SIZE	900	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS
D		ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	500	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES
E		NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	850	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
F		NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE	800	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN CATMINT
G		NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	500	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
H		NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	550	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER & DAYLILY
I		NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE	250	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTERS AND APRICOT SPARKLES DAYLILIES

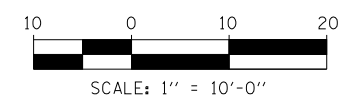
LANDSCAPE SCHEDULE - 147TH WELCOME SIGN BED							
BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY	SPC	NOTES
ORNAMENTAL GRASSES							
		PANICUM VIRGATUM 'PRAIRIE FIRE'	PRAIRIE FIRE SWITCH GRASS	1 GAL	3	24" O.C.	
PERENNIALS							
		ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	8	15" O.C.	
		ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	8	15" O.C.	
		LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	8	15" O.C.	
		HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	10	12" O.C.	
		HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	10	12" O.C.	
		NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	15	15" O.C.	
		RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	13	12" O.C.	
BULBS							
		NARCISSUS 'BARRETT BROWNING'	BARRETT BROWNING DAFFODIL	TOP SIZE	100	12" O.C.	
		NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	50	12" O.C.	
		NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	100	12" O.C.	
		NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE	50	12" O.C.	
		NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE	100	12" O.C.	
		NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	50	12" O.C.	

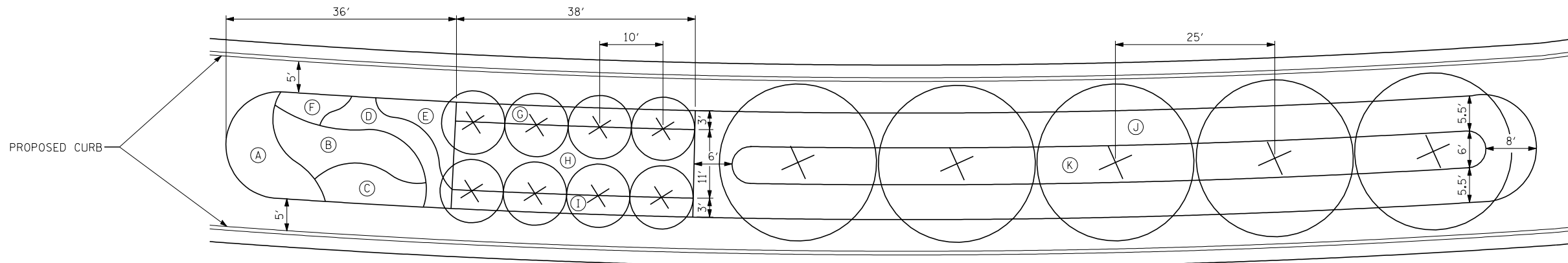
MIX BULBS TOGETHER AND PLANT EVERY 6" O.C. BETWEEN ALL PLANTS



WELCOME SIGN PLANTING BED
NO SCALE

NOTE:
LOCATION TO BE COORDINATED WITH THE VILLAGE OF POSEN.

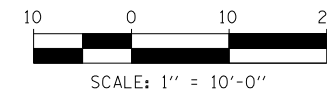




PLANTING BED 5

LANDSCAPE SCHEDULE - 147TH BED 5

BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
PERENNIAL BED	ORNAMENTAL GRASSES						
	B	PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	ROTSTRAHLBUSCH SWITCH GRASS	1 GAL	27	30" O.C.	
	PERENNIALS						
	A	RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	110	15" O.C.	
	C	ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	20	18" O.C.	
	C	HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	20	18" O.C.	
	D	HEMEROCALLIS 'CHICAGO APACHE'	CHICAGO APACHE DAYLILY	1 GAL	15	18" O.C.	
	D	HEMEROCALLIS 'CHICAGO HEIRLOOM'	CHICAGO HEIRLOOM DAYLILY	1 GAL	15	18" O.C.	
	D	HEMEROCALLIS 'FAIRY TALE PINK'	FAIRY TALE PINK DAYLILY	1 GAL	15	18" O.C.	
	D	HEMEROCALLIS 'FRAGRANT TREASURE'	FRAGRANT TREASURE DAYLILY	1 GAL	15	18" O.C.	
	D	HEMEROCALLIS 'WOODSIDE FIRE DANCE'	WOODSIDE FIRE DANCE DAYLILY	1 GAL	15	18" O.C.	
	E	ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	20	18" O.C.	
	E	ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	20	18" O.C.	
	E	LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	20	18" O.C.	
	F	NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	28	18" O.C.	
	BULBS						
A	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	300	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	
B	ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	200	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
C	NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	150	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER AND DAYLILY	
D	NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	300	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
E	NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE	200	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
F	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	100	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT	
ORNAMENTAL TREE BED	ORNAMENTAL TREES						
		MALUS ZUMI 'CALOCARPA'	REDBUD ZUMI CRABAPPLE	6' HT	8	10' O.C.	
	SHRUBS						
	G	ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	17	36" O.C.	
	I	ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	17	36" O.C.	
SHADE TREE BED	ORNAMENTAL GRASSES						
	H	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	95	24" O.C.	
	PERENNIALS						
	H	MERTENSIA VIRGINICA	VIRGINIA BLUEBELLS	1 GAL	300	12" O.C.	INTERPLANTED BETWEEN PRAIRIE DROPSEED
	SHADE TREES						
	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	9' HT	5	25' O.C.		
SHRUBS							
J	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	18" WIDTH	180	3' O.C.		
ORNAMENTAL GRASSES							
K	PANICUM VIRGATUM 'PRAIRIE FIRE'	PRAIRIE FIRE SWITCH GRASS	1 GAL	185	24" O.C.		
BULBS							
K	ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1200	6" O.C.	INTERPLANTED BETWEEN PRAIRIE FIRE SWITCH GRASS	



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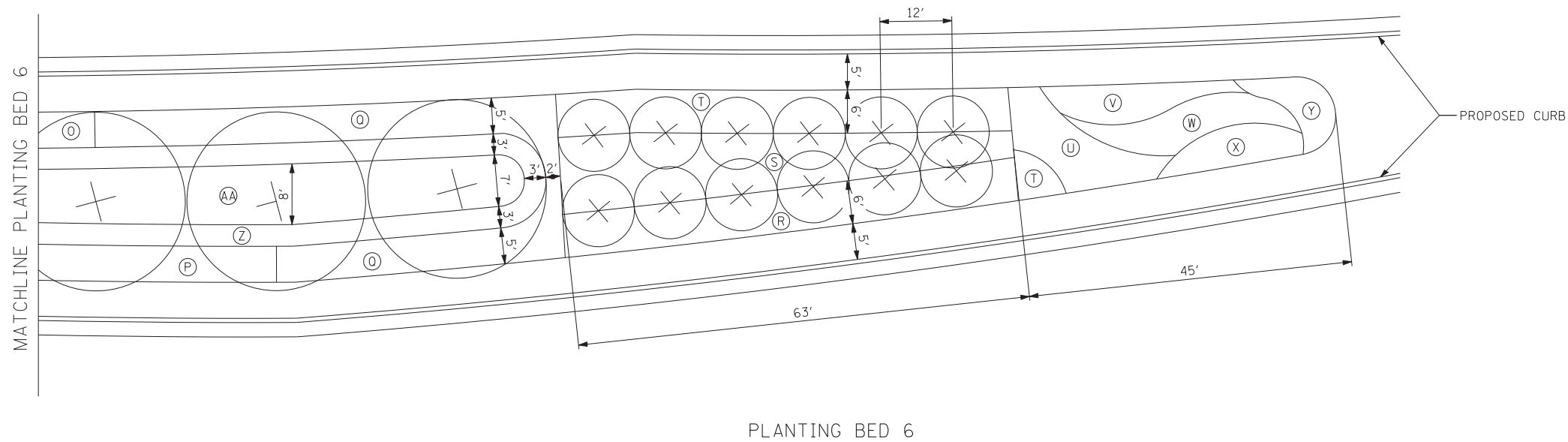
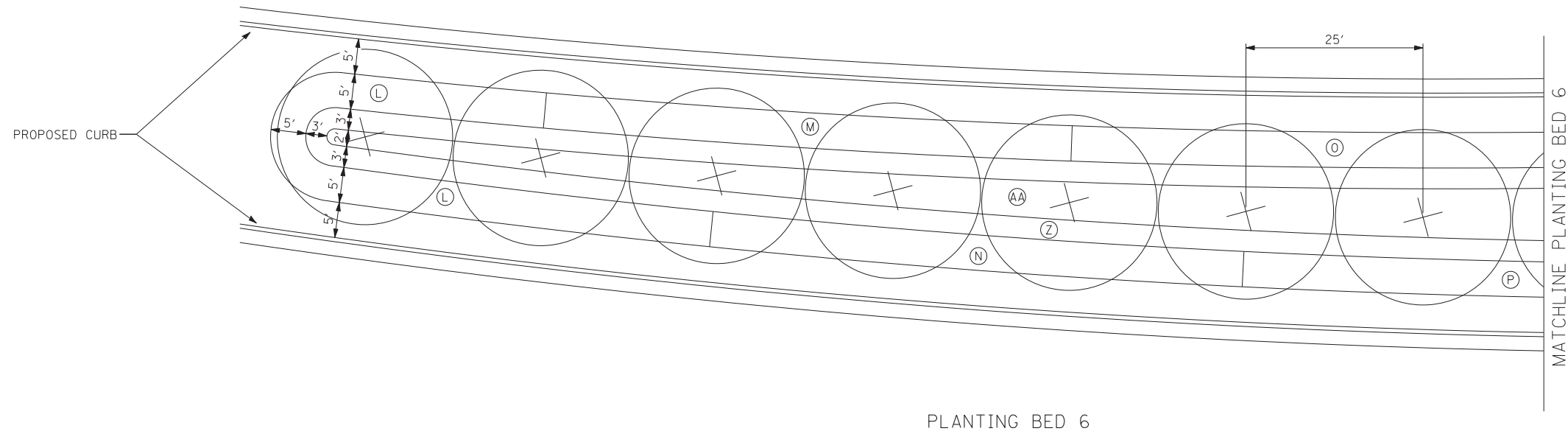
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 5

SCALE: SHEET NO. 5 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337C
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	



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PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 6**

SCALE: SHEET NO. 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337d
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LANDSCAPE SCHEDULE - 147TH BED 6

BED	KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
SHADE TREES / SHRUBS / ORNAMENTAL GRASSES		SHADE TREES					
		GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	9' HT	10	25' O.C.	
		SHRUBS					
	Z	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	18" WIDTH / CONTAINER	463	3' O.C.	
		ORNAMENTAL GRASSES					
	AA	PANICUM VIRGATUM 'PRAIRIE FIRE'	PRAIRIE FIRE SWITCH GRASS	1 GAL	280	24" O.C.	
		PERENNIALS					
	L	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	35	15" O.C.	
	L	HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	35	15" O.C.	
	L	HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	35	15" O.C.	
L	HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	35	15" O.C.		
L	HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	35	15" O.C.		
L	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	35	15" O.C.		
M	RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	125	15" O.C.		
N	NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	115	18" O.C.		
O	ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	100	18" O.C.		
O	HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	100	18" O.C.		
P	ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	60	18" O.C.		
P	ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	60	18" O.C.		
P	LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	60	18" O.C.		
O	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	60	15" O.C.		
O	HEMEROCALLIS 'JOLYENE NICOLE'	JOLYENE NICOLE DAYLILY	1 GAL	60	15" O.C.		
O	HEMEROCALLIS 'PARDON ME'	DAYLILY 'PARDON ME'	1 GAL	60	15" O.C.		
O	HEMEROCALLIS 'RUBY STELLA'	DAYLILY 'RUBY STELLA'	1 GAL	60	15" O.C.		
O	HEMEROCALLIS 'SILOAM DOUBLE CLASSIC'	DAYLILY SILOAM DOUBLE CLASSIC	1 GAL	60	15" O.C.		
O	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY STELLA DE ORO	1 GAL	60	15" O.C.		
	BULBS						
AA	ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1600	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
L	NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE	1200	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
M	NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	400	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	
N	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	600	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT	
O	NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	1000	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER AND DAYLILY	
P	NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	900	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
O	NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	1800	15" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
ORNAMENTAL TREE BED		ORNAMENTAL TREES					
		SYRINGA RETICULATA 'BAILANCE'	FIRST EDITION SNOWDANCE JAPANESE TREE LILAC	2" CAL	12	12' O.C.	
		SHRUBS					
	R	ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	45	36" O.C.	DOUBLE ROW - STAGGERED
	T	ROSA VAR. 'NOALA'	ROSA FLOWER CARPET CORAL	3 GAL	45	36" O.C.	DOUBLE ROW - STAGGERED
		ORNAMENTAL GRASSES					
	S	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	135	24" O.C.	
		PERENNIALS					
	S	MERTENSIA VIRGINICA	VIRGINIA BLUEBELLS	1 GAL	400	12" O.C.	INTERPLANTED BETWEEN PRAIRIE DROPSEED
		ORNAMENTAL GRASSES					
W	PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	ROTSTRAHLBUSCH SWITCH GRASS	1 GAL	35	30" O.C.		
	PERENNIALS						
T	ASTER NOVAE-ANGELIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	1 GAL	25	18" O.C.		
T	HEMEROCALLIS 'APRICOT SPARKLES'	APRICOT SPARKLES DAYLILY	1 GAL	25	18" O.C.		
U	HEMEROCALLIS 'CHICAGO APACHE'	CHICAGO APACHE DAYLILY	1 GAL	15	18" O.C.		
U	HEMEROCALLIS 'CHICAGO HEIRLOOM'	CHICAGO HEIRLOOM DAYLILY	1 GAL	15	18" O.C.		
U	HEMEROCALLIS 'FAIRY TALE PINK'	FAIRY TALE PINK DAYLILY	1 GAL	15	18" O.C.		
U	HEMEROCALLIS 'FRAGRANT TREASURE'	FRAGRANT TREASURE DAYLILY	1 GAL	15	18" O.C.		
U	HEMEROCALLIS 'WOODSIDE FIRE DANCE'	WOODSIDE FIRE DANCE DAYLILY	1 GAL	15	18" O.C.		
V	ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	20	18" O.C.		
V	ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	20	18" O.C.		
V	LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	20	18" O.C.		
X	NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	50	18" O.C.		
Y	RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	125	15" O.C.		
	BULBS						
T	NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	250	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ASTER AND DAYLILY	
U	NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	400	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES	
V	NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	300	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS	
W	ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	250	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES	
X	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	300	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT	
Y	NARCISSUS 'FEBRUARY GOLD'	FEBRUARY GOLD DAFFODIL	TOP SIZE	400	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	

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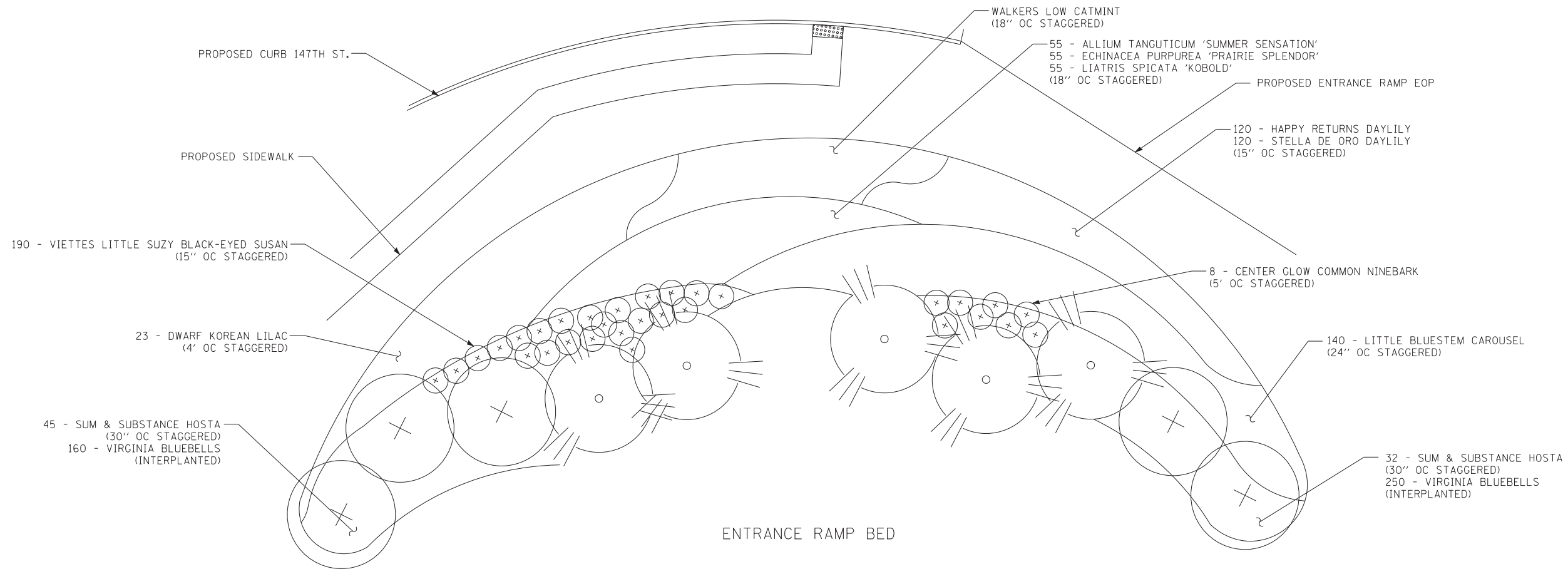
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 7

SCALE: SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337e
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57



LANDSCAPE SCHEDULE - 147TH ENTRANCE RAMP

BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
EVERGREEN TREES					
PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	VANDERWOLF'S PYRAMID LIMBER PINE	7' HT	9	8' O.C.	
ORNAMENTAL TREES					
SYRINGA CHINENSIS 'CHINA SNOW'	CHINA SNOW PEKING LILAC	2" CAL	7	12' O.C.	
SHRUBS					
PHYSOCARPUS OPULIFOLIUS 'CENTER GLOW'	CENTER GLOW COMMON NINEBARK	36" HT	8	5' O.C.	
SYRINGA MEYERI PALIBIN	DWARF KOREAN LILAC	30" HT	23	4' O.C.	
ORNAMENTAL GRASSES					
SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	140	24" O.C.	
PERENNIALS					
ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	55	18" O.C.	
ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	55	18" O.C.	
HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	120	15" O.C.	
HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	120	15" O.C.	
HOSTA SUM AND SUBSTANCE	SUM AND SUBSTANCE HOSTA	1 GAL	77	30" O.C.	
LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	55	18" O.C.	
MERTENSIA VIRINICA	VIRGINIA BLUEBELLS	1 GAL	410	15" O.C.	INTERPLANTED BETWEEN HOSTAS
NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	160	18" O.C.	
RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	200	15" O.C.	
BULBS					
ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	900	6" O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES
NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	600	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN
NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	750	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	1000	6" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT
NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	850	18" O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS



SCALE: 1" = 10'-0"

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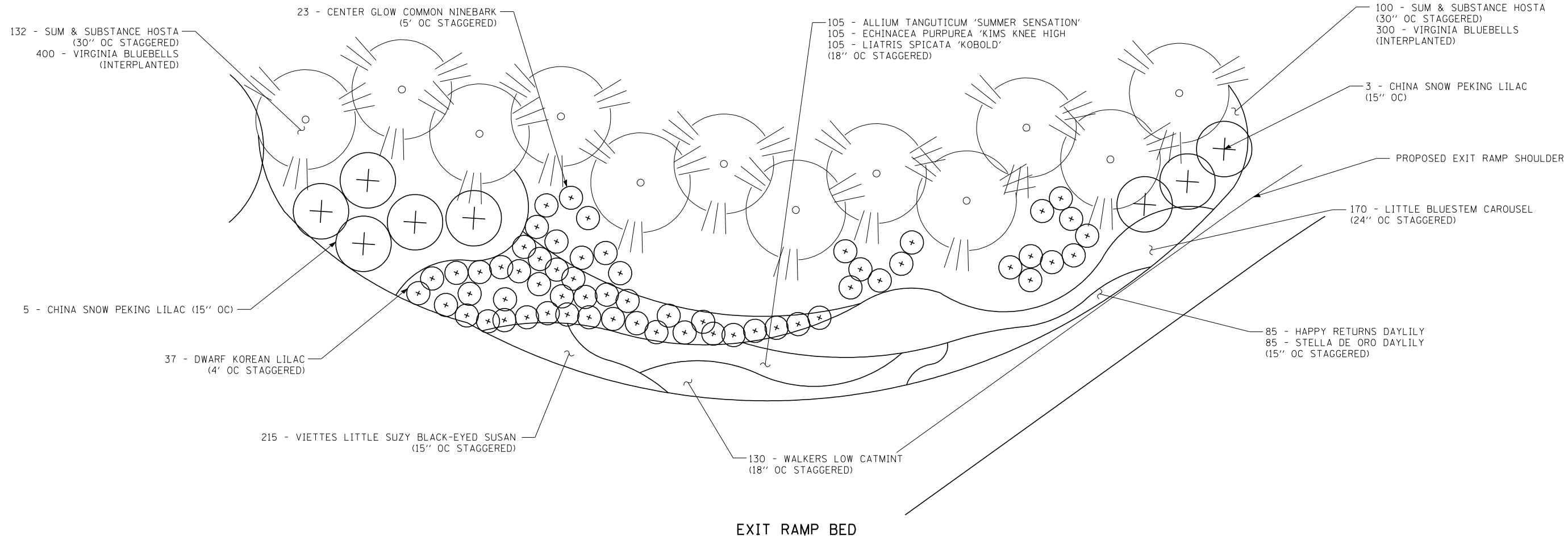
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 8

SCALE: SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337 f
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



LANDSCAPE SCHEDULE - 147TH EXIT RAMP

BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
EVERGREEN TREES					
PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	VANDERWOLF'S PYRAMID LIMBER PINE	7' HT	23	8' O.C.	
ORNAMENTAL TREES					
SYRINGA CHINENSIS 'CHINA SNOW'	CHINA SNOW PEKING LILAC	2" CAL	10	12' O.C.	
SHRUBS					
PHYSOCARPUS OPULIFOLIUS 'CENTER GLOW'	CENTER GLOW COMMON NINEBARK	36" HT	23	6' O.C.	
SYRINGA MEYERI PALIBIN	DWARF KOREAN LILAC	30" HT	37	4' O.C.	
ORNAMENTAL GRASSES					
SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	170	24" O.C.	
PERENNIALS					
ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	105	18" O.C.	
ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	105	18" O.C.	
HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	85	15" O.C.	
HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	85	15" O.C.	
HOSTA 'SUM AND SUBSTANCE'	SUM AND SUBSTANCE HOSTA	1 GAL	232	30" O.C.	
LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	105	18" O.C.	
MERTENSIA VIRGINICA	VIRGINIA BLUEBELLS	1 GAL	700	15" O.C.	INTERPLANTED BETWEEN HOSTAS
NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	130	18" O.C.	
RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	215	15" O.C.	
BULBS					
ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1000	6" O.C.	INTERPLANTED BETWEEN GRASSES
NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	600	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN
NARCISSUS 'TAHITI'	TAHITI DAFFODIL	TOP SIZE	500	15" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	800	6" O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT
NARCISSUS 'YELLOW CHEERFULNESS'	YELLOW CHEERFULNESS DAFFODIL	TOP SIZE	1300	18" O.C.	4 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS



SCALE: 1" = 10'-0"

TYLIN INTERNATIONAL

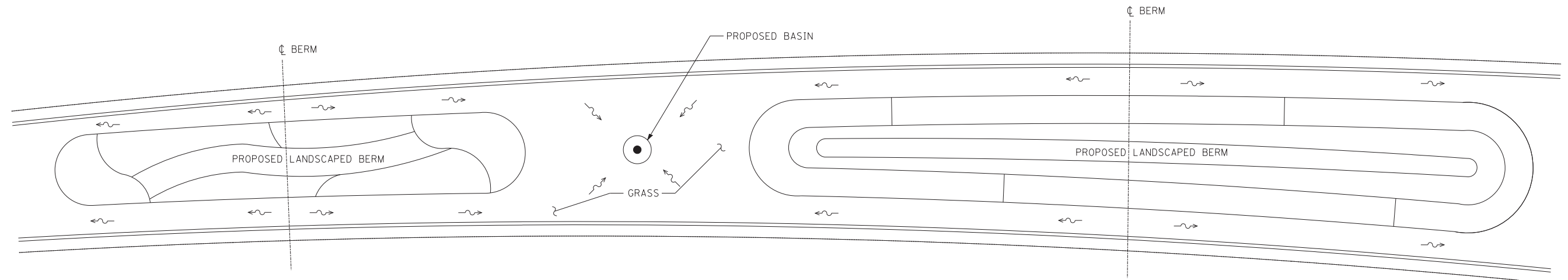
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PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

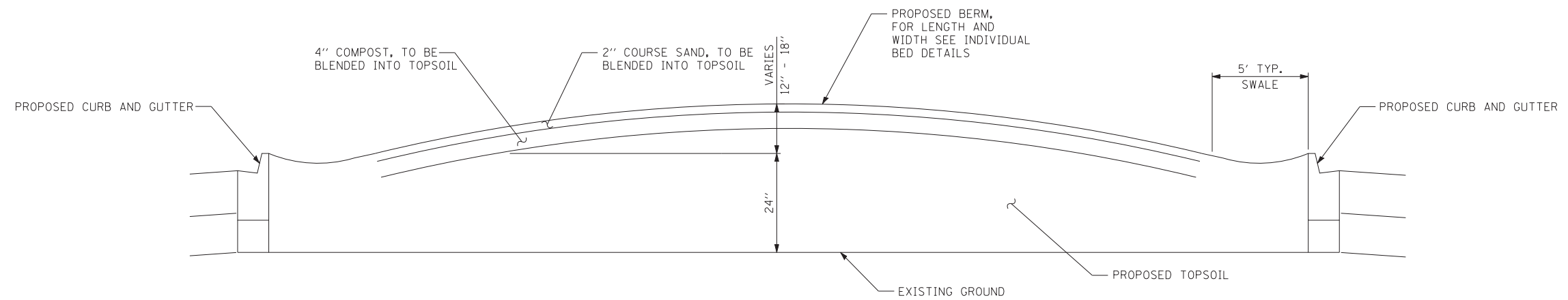
147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 9

SCALE: SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337G
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	



TYPICAL MEDIAN GRADING PLAN



MEDIAN TYPICAL SECTION
NO SCALE



SCALE: 1" = 10'-0"

TYLIN INTERNATIONAL

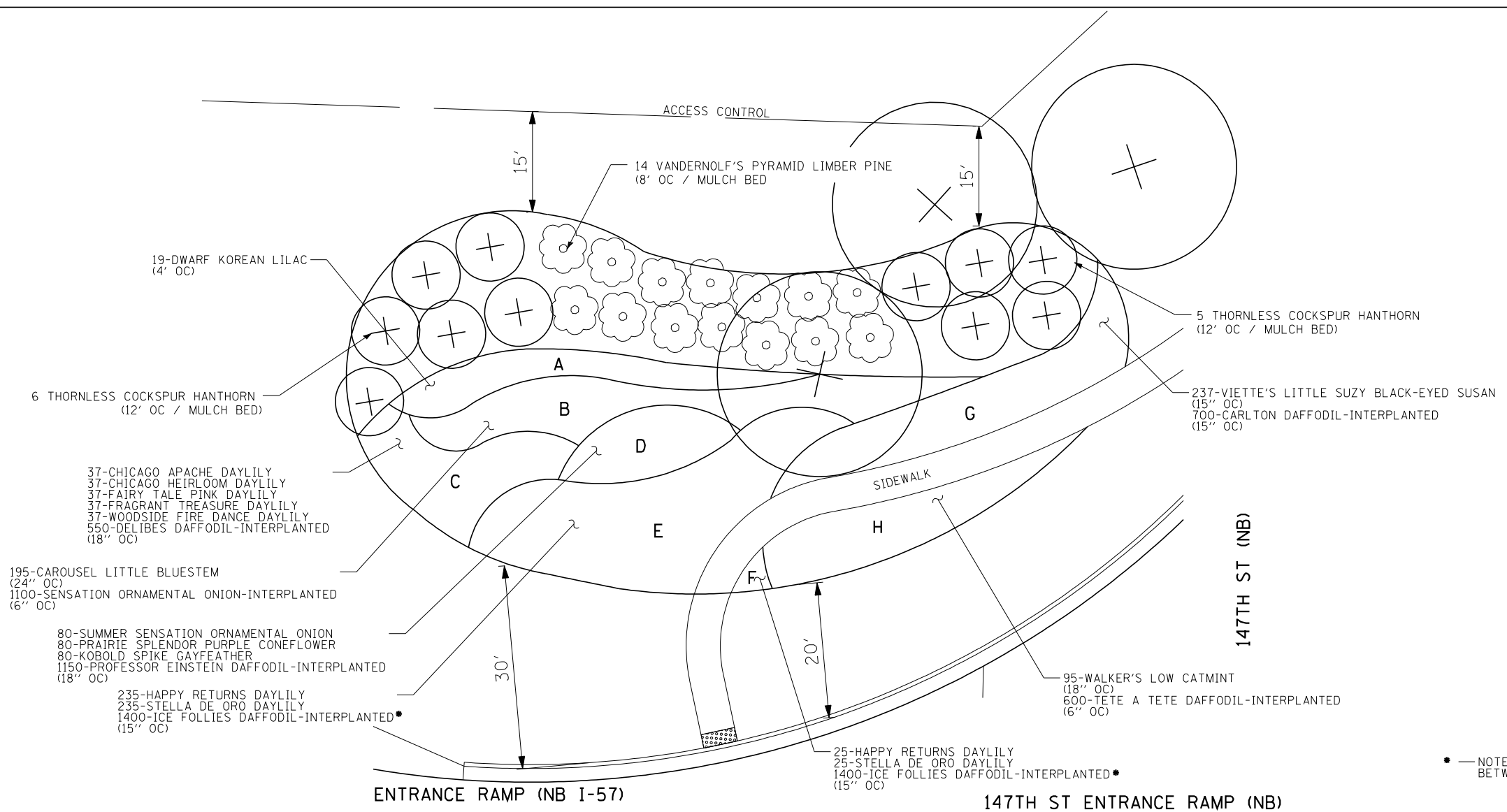
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	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS DETAIL 10

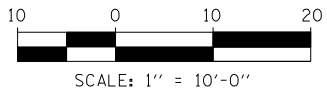
SCALE: SHEET NO. 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337h
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



LANDSCAPE SCHEDULE - 147TH ENTRANCE RAMP (NB)

BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
EVERGREEN TREES					
PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	VANDERWOLF'S PYRAMID LIMBER PINE	7' HT	14	8' O.C.	
ORNAMENTAL TREES					
CRATAEGUS CRUSGALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	6' HT	11	12' O.C.	
SHRUBS					
SYRINGA MEYERI PALIBIN	DWARF KOREAN LILAC	30'' HT	19	4' O.C.	
ORNAMENTAL GRASSES					
SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	195	24'' O.C.	
PERENNIALS					
HEMEROCALLIS 'CHICAGO APACHE'	CHICAGO APACHE DAYLILY	1 GAL	37	18'' O.C.	
HEMEROCALLIS 'CHICAGO HEIRLOOM'	CHICAGO HEIRLOOM DAYLILY	1 GAL	37	18'' O.C.	
HEMEROCALLIS 'FAIRY TALE PINK'	FAIRY TALE PINK DAYLILY	1 GAL	37	18'' O.C.	
HEMEROCALLIS 'FRAGRANT TREASURE'	FRAGRANT TREASURE DAYLILY	1 GAL	37	18'' O.C.	
HEMEROCALLIS 'WOODSIDE FIRE DANCE'	WOODSIDE FIRE DANCE DAYLILY	1 GAL	37	18'' O.C.	
ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	80	18'' O.C.	
ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	80	18'' O.C.	
LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	80	18'' O.C.	
HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	235	15'' O.C.	
HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	235	15'' O.C.	
HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	25	15'' O.C.	
HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	25	15'' O.C.	
RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	237	15'' O.C.	
NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	95	18'' O.C.	
BULBS					
ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1100	6'' O.C.	1 BULB PER HOLE - INTERPLANTED BETWEEN GRASSES
NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	550	18'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE	1150	18'' O.C.	5 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS
NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE	1400	15'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
NARCISSUS 'CARLTON'	CARLTON DAFFODIL	TOP SIZE	700	15'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN
NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	600	6'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT



TYLIN INTERNATIONAL

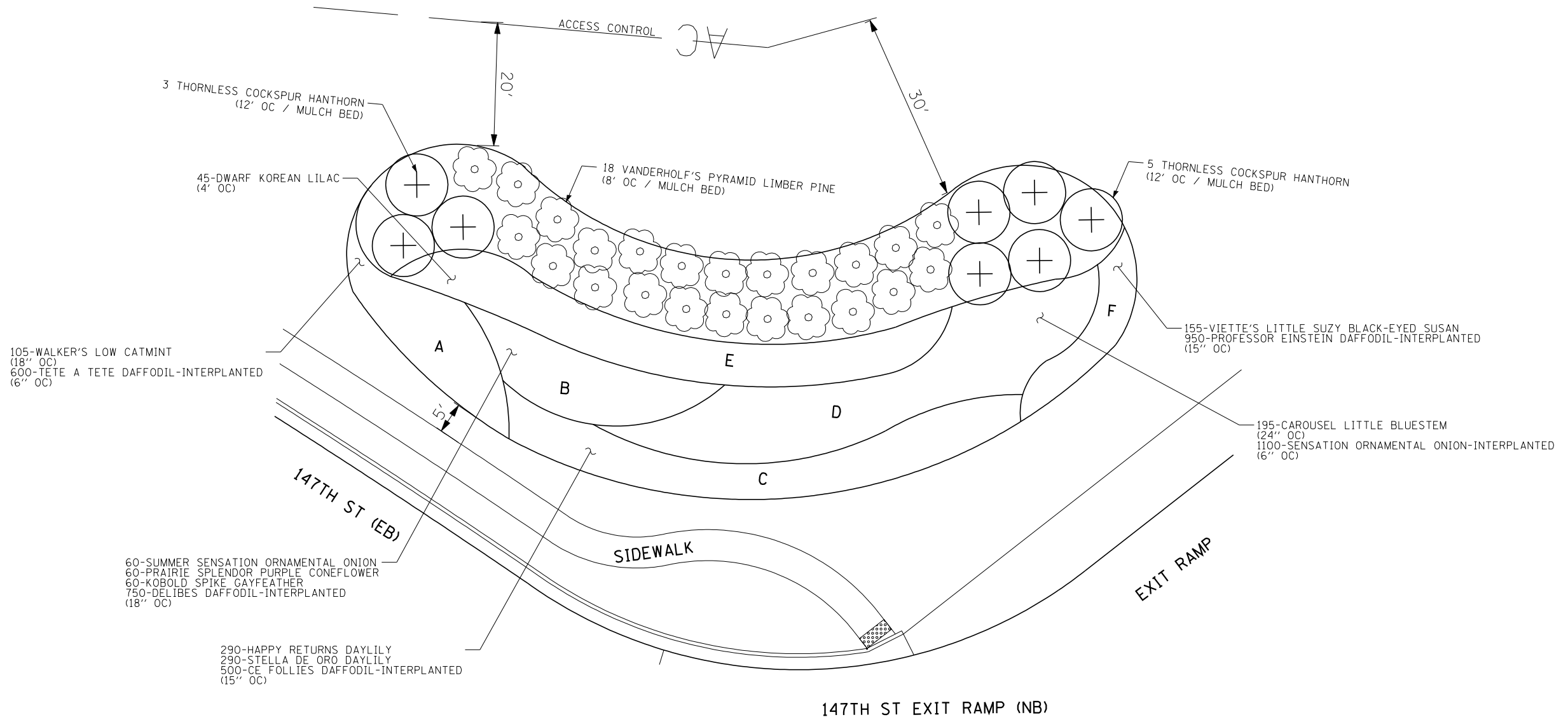
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE - 5/23/2012	REVISED - 8/1/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
LANDSCAPE PLANS
PLANTING BEDS NB ENTRANCE RAMP

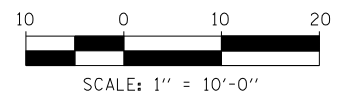
SCALE: SHEET NO. 10A OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	3371
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



LANDSCAPE SCHEDULE - 147TH EXIT RAMP (NB)

BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
EVERGREEN TREES					
PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	VANDERWOLF'S PYRAMID LIMBER PINE	7' HT	18	8' O.C.	
ORNAMENTAL TREES					
CRATAEGUS CRUSGALLI INERMIS	THORNLESS COCKSPUR HAWTHORN	6' HT	8	12' O.C.	
SHRUBS					
SYRINGA MEYERI PALIBIN	DWARF KOREAN LILAC	30'' HT	45	4' O.C.	
ORNAMENTAL GRASSES					
SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL	195	24'' O.C.	
PERENNIALS					
NEPETA FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	105	18'' O.C.	
ALLIUM TANGUTICUM 'SUMMER SENSATION'	SUMMER SENSATION ORNAMENTAL ONION	1 GAL	60	18'' O.C.	
ECHINACEA PURPUREA 'PRAIRIE SPLENDOR'	PRAIRIE SPLENDOR PURPLE CONEFLOWER	1 GAL	60	18'' O.C.	
LIATRIS SPICATA KOBOLD	KOBOLD SPIKE GAYFEATHER	1 GAL	60	18'' O.C.	
HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	290	15'' O.C.	
HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	290	15'' O.C.	
RUDBECKIA FULGIDA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	155	15'' O.C.	
BULBS					
NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	600	6'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN WALKER'S LOW CATMINT
NARCISSUS 'DELIBES'	DELIBES DAFFODIL	TOP SIZE	750	18'' O.C.	4 BULBS PER HOLE - INTERPLANTED BETWEEN ALLIUM, ECHINACEA, & LIATRIS
NARCISSUS 'ICE FOLLIES'	ICE FOLLIES DAFFODIL	TOP SIZE	500	15'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN DAYLILIES
ALLIUM HOLLANDICUM 'SENSATION'	SENSATION ORNAMENTAL ONION	TOP SIZE	1100	6'' O.C.	INTERPLANTED BETWEEN GRASSES
NARCISSUS 'PROFESSOR EINSTEIN'	PROFESSOR EINSTEIN DAFFODIL	TOP SIZE	950	15'' O.C.	3 BULBS PER HOLE - INTERPLANTED BETWEEN VIETTE'S LITTLE SUZY BLACK-EYED SUSAN



TYLIN INTERNATIONAL	USER NAME =	DESIGNED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -
		DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT LANDSCAPE PLANS PLANTING BEDS NB EXIT RAMP			
SCALE:	SHEET NO. 10B OF 10 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	337J
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

SIGN NO.	ALIGNMENT											SUPPORT INFORMATION						SIGN DESCRIPTION
		EX. STATION	OFFSET	SIGN PANEL REMOVAL	REMOVE AND RELOCATE	PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)	WOOD POSTS (EACH)	
1	147TH STREET	1005+99.4	42.7 RT		1	1005+58.67	37.64 RT	1	1.5	1.5	2.3	LIGHT POLE	1		1			"PACE BUS 354 STOP"
2	147TH STREET	1007+29.8	39.3 LT		1	5013+00.59	36.00 LT	1	1.5	1.5	2.3	METAL POST	1	8.5	1	1		"PACE BUS 354 STOP"
3	147TH STREET	1007+73.9	38.9 RT	1				1	2.0	1.0	2.0	METAL POST	1	15.0	1			M3-3
4	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1100 ("ILLINOIS 83")
5	147TH STREET	1004+83.5	6.06 LT	1				1	2.5	3.0	7.5	METAL POST	1	12.8				R3-5L
6	147TH STREET	1008+11.8	6.0 RT	1				1	1.0	1.5	7.5	METAL POST	1	11.3	1			R2-3 (MODIFIED)
7	147TH STREET	1008+46.3	6.0 RT	1				1	2.5	3.0	7.5	METAL POST	1	12.8	1			R3-5L
8	147TH STREET	1009+0.76	37.3 RT	1				1	2.5	3.0	7.5	METAL POST	1	15.0	1			R2-1
9	147TH STREET	1009+69.0	58.1 LT	1				1	2.5	2.5	6.3	METAL POST	1	12.3	1			R1-1
10	147TH STREET	1010+15.9	66.1 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
11	147TH STREET	1013+04.8	57.3 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
12	147TH STREET	1013+46.4	59.7 LT	1				1	2.0	2.5	5.0	METAL POST	1	17.0	1			R2-1
13	147TH STREET	SAME AS ABOVE		1				1	2.0	2.5	5.0							R12-1
14	147TH STREET	1013+51.5	54.9 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
15	147TH STREET	1015+12.6	42.7 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
16	147TH STREET	1018+74.7	27.9 LT	1				1	2.5	3.0	7.5	METAL POST	1	15.0	1			R2-1
17	147TH STREET	1032+99.5	51.4 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
18	147TH STREET	1033+45.4	44.4 RT	1				1	2.5	2.5	6.3	METAL POST	1	12.3	1			R1-1
19	147TH STREET	1033+64.2	30.3 RT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1			S1-1
20	147TH STREET	1036+06.0	40.1 LT	1				1	2.0	1.0	2.0	TRAFFIC SIGNAL						M3-1
21	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1100 ("ILLINOIS 83")
22	147TH STREET	1036+08.7	43.6 LT	1				1	3.0	3.0	9.0	METAL POST	1	16.3	1			R10-11b
23	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
24	147TH STREET	1036+09.8	38.6 RT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						S1-1
25	147TH STREET	1036+13.3	41.0 RT	1				1	3.0	3.0	9.0	METAL POST	1	14.1	1			R10-11b
26	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
27	147TH STREET	1036+87.3	39.0 LT	1				1	3.0	3.0	9.0	METAL POST	1	12.8	1			S1-1
28	147TH STREET	1036+87.7	37.5 LT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R10-11b
29	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
30	147TH STREET	1036+94.0	37.9 RT	1				1	3.0	3.0	9.0	LIGHT POLE						S1-1
31	147TH STREET	1037+39.8	36.5 RT	1				1	2.0	1.0	2.0	METAL POST	1	15.0	1			M3-3
32	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1100 ("ILLINOIS 83")
33	147TH STREET	1037+55.9	44.3 LT	1				1	2.0	2.5	5.0	METAL POST	1	14.5	1			R6-2L
34	147TH STREET	1038+06.6	37.8 LT	1				1	2.0	2.5	5.0	METAL POST	1	14.5	1			"NO STOPPING, STANDING OR PARKING"
35	147TH STREET	1038+51.8	6.1 LT	1				1	2.5	3.0	7.5	METAL POST	1	12.8	1			R3-5L
36	147TH STREET	1038+66.0	38.7 RT	1				1	3.0	3.0	9.0	LIGHT POLE						S1-1
37	147TH STREET	SAME AS ABOVE		1				1	2.0	1.0	2.0							W16-7P
38	147TH STREET	1038+86.4	37.0 LT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1			S1-1
39	147TH STREET	1039+37.49	44.1 LT	1				1	3.0	3.0	9.0	METAL POST	1	14.1	1			R10-11b
40	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
41	147TH STREET	1039+53.9	53.6 LT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R10-11b
42	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
43	147TH STREET	1039+37.8	38.3 RT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R10-11b
44	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
45	147TH STREET	1039+48.40	45.9 RT	1				1	3.0	3.0	9.0	METAL POST	1	14.1	1			R10-11b
46	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
47	147TH STREET	1040+17.2	38.2 LT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R10-11b
48	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
49	147TH STREET	SAME AS ABOVE			1	1040+10.36	47.95 LT	1	1.5	1.5	2.3							"PACE BUS 354 STOP"
50	147TH STREET	1040+26.5	38.0 LT	1				1	3.0	3.0	9.0	LIGHT POLE						S1-1
51	147TH STREET	1040+16.7	40.4 RT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R10-11b
52	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8							S4-1103
53	147TH STREET	1040+13.07	102.11 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1			R1-1
54	147TH STREET	1042+01.1	4.8 RT	1				1	2.5	3.0	7.5	METAL POST	1	12.8	1			R3-5L
55	147TH STREET	1042+62.8	39.5 RT	1				1	2.5	3.0	7.5	WOOD POST	1			1		R2-1
56	147TH STREET	1043+52.0	32.5 RT	1				1	1.8	1.3	2.2	METAL POST	1	15.3	1			M2-1
57	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
58	147TH STREET	1042+68.90	38.6 LT	1				1	3.0	3.0	9.0	LIGHT POLE						W6-2
59	147TH STREET	1045+20.8	32.0 LT	1				1	3.0	3.0	9.0	LIGHT POLE						S1-1
60	147TH STREET	1046+75.7	55.3 RT		1	1010+83.62	38.23 RT	2	3.5	3.5	12.3	2 METAL POSTS	2	15.5	2			"VILLAGE OF POSEN PUBLIC WORKS DEPT (ARROW)"

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
EXISTING SIGNAGE SCHEDULE**

SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	338
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	

SIGN NO.	ALIGNMENT											SUPPORT INFORMATION					SIGN DESCRIPTION	
		EX. STATION	OFFSET	SIGN PANEL REMOVAL	REMOVE AND RELOCATE	PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		WOOD POSTS (EACH)
61	147TH STREET	1048+38.8	35.8 RT	1				1	2.0	1.0	2.0	METAL POST	1	16.3	1			M3-1
62	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
63	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-3
64	147TH STREET	1048+38.8	39.2 RT	1				1	2.0	1.0	2.0	METAL POST	1	16.3	1			M3-3
65	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
66	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M5-2
67	147TH STREET	1050+22.7	40.9 LT	1				1	2.0	1.0	2.0	LIGHT POLE						M3-1
68	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1100 ("ILLINOIS 83")
69	147TH STREET	1052+17.9	48.6 LT	1				1	3.0	3.0	9.0	LIGHT POLE						W4-2R
70	147TH STREET	1053+10.6	76.2 RT	1				1	2.0	1.0	2.0	LIGHT POLE						M3-3
71	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
72	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-2
73	147TH STREET	1053+86.6	43.7 LT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1			R5-1
74	147TH STREET	1053+89.5	41.7 LT	1				1	3.0	3.0	9.0	LIGHT POLE						W4-1R
75	147TH STREET	SAME AS ABOVE		1				1	3.0	3.0	9.0							R5-1
76	147TH STREET	1054+13.0	57.5 RT	1				1	2.0	1.0	2.0	METAL POST	1	16.3	1			M3-3
77	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
78	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M5-2
79	147TH STREET	SAME AS ABOVE		1				1	2.0	1.0	2.0							M3-1
80	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
81	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-3
82	147TH STREET	1054+71.1	127.7 RT	1				1	2.0	2.5	5.0	METAL POST	1	14.5	1			W13-3
83	147TH STREET	1055+58.3	6.0 RT	1				1	2.0	2.5	5.0	TRAFFIC SIGNAL						R4-7
84	147TH STREET	SAME AS ABOVE		1				1	2.5	3.0	7.5							R10-5
85	147TH STREET	1055+54.7	47.9 LT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL						R5-1
86	147TH STREET	SAME AS ABOVE		1				1	2.5	3.0	7.5							R6-2L
87	147TH STREET	SAME AS ABOVE		1				1	2.0	1.0	2.0							M3-3
88	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1100 ("ILLINOIS 83")
89	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-1
90	147TH STREET	1055+55.2	57.9 RT	1				1	2.5	3.0	7.5	TRAFFIC SIGNAL						R6-2L
91	147TH STREET	1056+09.0	62.2 LT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1			R5-1
92	RAMP E	4113+08.9	28.5 LT	1				1	3.5	2.5	8.8	METAL POST	1	14.5	1			R5-1A
93	RAMP E	4112+30.2	79.0 LT		1	4111+74.37	80.63 LT	1	3.0	3.0	9.0	LIGHT POLE						"*999 EXPRESS LINE"
94	147TH STREET	1058+54.2	4.0 RT	1				1	2.0	1.0	2.0	METAL POST	1	14.1	1			M3-3
95	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
96	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M5-1
97	147TH STREET	SAME AS ABOVE		1				1	2.0	1.0	2.0							M3-1
98	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
99	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-1
100	147TH STREET	1060+74.96	9.2 LT	1				1	2.0	1.0	2.0	METAL POST	1	14.1	1			M3-3
101	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
102	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M5-1
103	147TH STREET	SAME AS ABOVE		1				1	2.0	1.0	2.0							M3-1
104	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
105	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-1
106	147TH STREET	1061+98.5	12.7 LT	1				1	2.5	3.0	7.5	TRAFFIC SIGNAL						R10-5
107	147TH STREET	SAME AS ABOVE		1				1	2.5	3.0	7.5							R3-5L
108	147TH STREET	SAME AS ABOVE		1				1	2.0	2.5	5.0							R4-7
109	147TH STREET	SAME AS ABOVE		1				1	2.0	2.5	5.0							R4-7
110	147TH STREET	1062+69.4	38.0 RT	1				1	2.0	2.5	5.0	METAL POST	1	15.0	1			R6-2R
111	147TH STREET	SAME AS ABOVE		1				1	3.0	3.0	9.0							R5-1
112	147TH STREET	1063+16.3	65.7 LT	1				1	2.0	2.5	5.0	TRAFFIC SIGNAL						R6-2R
113	147TH STREET	SAME AS ABOVE		1				1	3.0	3.0	9.0							R3-3
114	RAMP K	4401+34.6	98.3 RT	1				1	2.0	2.5	5.0	LIGHT POLE	1					W13-3
115	RAMP K	4404+27.54	31.73 RT	1				2	3.0	4.0	12.0	LIGHT POLE						R5-1100
116	147TH STREET	1063+14.5	16.7 LT	1				1	2.0	1.0	2.0	METAL POST	1	11.3	1		1	M3-1
117	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0							M1-1 ("INTERSTATE 57")
118	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2							M6-2
119	147TH STREET	1063+15.7	13.0 LT	1				1	2.5	3.0	7.5	TRAFFIC SIGNAL						R10-5
120	147TH STREET	SAME AS ABOVE		1				1	2.0	2.5	5.0							R4-7

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT EXISTING SIGNAGE SCHEDULE			
SCALE: 1" = 50'	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	339
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 60M57	
		FED. AID PROJECT		

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SIGN NO.	ALIGNMENT										SUPPORT INFORMATION					SIGN DESCRIPTION	
		EX. STATION	OFFSET	SIGN PANEL REMOVAL	REMOVE AND RELOCATE	PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)		BASE FOR TELES. STEEL (EACH)
121	147TH STREET	1063+18.0	38.7 RT	1				1	3.0	3.0	9.0	TRAFFIC SIGNAL					R5-1
122	147TH STREET	SAME AS ABOVE		1				1	3.0	1.0	3.0						R6-1L
123	147TH STREET	1063+49.9	38.0 RT	1				1	3.0	3.0	9.0	LIGHT POLE					W4-1R
124	RAMP J	4306+21.3	29.6 LT	1				2	3.5	3.0	10.5	METAL POST	1	15.0	1		"ACCIDENT INVESTIGATION SITE"
125	RAMP J	4307+30.2	16.8 RT	1				1	2.0	1.0	2.0	LIGHT POLE					M3-3
126	RAMP J	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1100 ("ILLINOIS 83")
127	RAMP J	SAME AS ABOVE		1				1	1.8	1.3	2.2						M5-2
128	RAMP J	SAME AS ABOVE		1				1	2.0	2.0	4.0						M3-1
129	RAMP J	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1100 ("ILLINOIS 83")
130	RAMP J	SAME AS ABOVE		1				1	1.8	1.3	2.2						M5-2
131	RAMP J	4308+36.8	73.2 LT		1	4308+33.71	93.04 LT	1	3.0	3.0	9.0	LIGHT POLE					"+999 EXPRESS LINE"
132	RAMP J	4309+47.9	17.3 RT	1				1	3.5	2.5	8.8	METAL POST	1	14.5	1		HARVEY (ARROW), POSEN (ARROW), MIDLOTHIAN (ARROW)
133	RAMP J	SAME AS ABOVE		1				1	3.5	2.5	8.8						R5-1a
134	RAMP J	4309+51.2	30.0 LT	1				1	2.5	2.0	5.0	LIGHT POLE					"STANDARD BANK STADIUM" (ARROW)
135	RAMP J	SAME AS ABOVE		1				1	3.5	2.5	8.8						R5-1A
136	147TH STREET	1064+34.0	72.5 LT	1				1	2.0	1.0	2.0	LIGHT POLE					M3-1
137	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1 ("INTERSTATE 57")
138	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-2
139	147TH STREET	1063+49.9	38.0 RT	1				1	3.0	3.0	9.0	LIGHT POLE					W4-1R
140	147TH STREET	1065+21.0	44.6 RT	1				1	3.0	3.0	9.0	LIGHT POLE					W4-2R
141	147TH STREET	1065+38.1	41.0 RT		1	1067+42.86	62.38 RT	1	2.5	3.0	7.5	METAL POST	1	19.5	1		I1-1107a
142	147TH STREET	SAME AS ABOVE			1	SAME AS ABOVE		1	2.5	1.5	3.8						I1-1107b ("TOP LADIES/TTA, SOUTH SUB CHPTR")
143	147TH STREET	SAME AS ABOVE			1	SAME AS ABOVE		1	3.0	3.0	9.0						W21-1111 "CLEANUP CREW WORKING" FOLDING SIGN
144	147TH STREET	1066+90.9	37.0 RT	1				1	3.0	3.0	9.0	LIGHT POLE					W3-3
145	147TH STREET	SAME AS ABOVE		1				1	2.0	0.7	1.3						W16-8P
146	147TH STREET	1070+80.9	32.0 RT	1				1	2.0	1.0	2.0	LIGHT POLE					M3-3
147	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1100 ("ILLINOIS 83")
148	147TH STREET	1071+29.0	44.7 RT		1	1071+56.12	53.00 RT	1	2.5	2.0	5.0	METAL POST	1	14.0	1		"WELCOME TO WILDCATS COUNTRY"
149	147TH STREET	1072+31.3	11.7 LT	1				1	2.5	3.0	7.5	METAL POST	1	11.8	1		R3-5L
150	147TH STREET	1072+60.4	42.7 LT	1				1	1.8	1.3	2.2	METAL POST	1	16.3	1		M2-1
151	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1 ("INTERSTATE 57")
152	147TH STREET	1072+88.9	50.9 RT	1				1	2.5	3.0	7.5	LIGHT POLE					R3-5R
153	147TH STREET	1073+73.4	43.5 LT	1				1	2.0	1.0	2.0	LIGHT POLE					M3-1
154	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1100 ("ILLINOIS 83")
155	147TH STREET	1076+59.2	3.5 RT	1				1	2.5	3.0	7.5	METAL POST	1	12.8	1		R3-5L
156	147TH STREET	1077+06.8	35.6 LT	1				1	2.0	1.0	2.0	LIGHT POLE					D9-13bP
157	147TH STREET	SAME AS ABOVE		1				1	2.0	2.0	4.0						D9-2
158	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-1
159	147TH STREET	1078+42.8	35.47 RT	1				1	2.5	3.0	7.5	LIGHT POLE					R2-1
160	DIXIE/WESTERN	5998+91.2	39.8 LT	1				1	1.0	1.5	1.5	LIGHT POLE					R7-1
161	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.0	0.5	0.5						R7-201aP
162	DIXIE/WESTERN	6002+91.8	39.7 LT	1				1	1.0	1.5	1.5	LIGHT POLE					R7-1
163	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.0	0.5	0.5						R7-201aP
164	DIXIE/WESTERN	6003+90.2	32.0 RT	1				1	2.5	3.0	7.5	LIGHT POLE					R2-1
165	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.0	1.5	1.5						R7-1
166	DIXIE/WESTERN	6009+23.0	40.3 LT	1				1	2.5	3.0	7.5	LIGHT POLE					R2-1
167	DIXIE/WESTERN	6009+50.0	59.5 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
168	DIXIE/WESTERN	6009+88.5	45.7 RT	1				1	2.0	1.0	2.0	LIGHT POLE					M4-5
169	DIXIE/WESTERN	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1 ("INTERSTATE 57")
170	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-1
171	DIXIE/WESTERN	6010+79.7	50.0 RT	1				1	2.0	2.0	4.0	LIGHT POLE					M1-1100 ("ILLINOIS 83")
172	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-4
173	DIXIE/WESTERN	6012+79.6	45.2 LT	1				1	2.0	2.0	4.0	LIGHT POLE					M1-1100 ("ILLINOIS 83")
174	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-4
175	DIXIE/WESTERN	6012+65.5	80.7 RT		1	6012+48.23	100.53 RT	1	1.5	1.5	2.3	BUS SHELTER					"PACE BUS 349 STOP"
176	DIXIE/WESTERN	6014+15.96	31.9 LT	1				1	2.0	1.0	2.0	LIGHT POLE					M4-5
177	DIXIE/WESTERN	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1 ("INTERSTATE 57")
178	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-1
179	DIXIE/WESTERN	6015+48.7	46.4 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
180	DIXIE/WESTERN	6019+69.4	43.0 RT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1		R5-1

TYLIN INTERNATIONAL

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	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT EXISTING SIGNAGE SCHEDULE			
SCALE: 1" = 50'	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	340
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 60M57	
		FED. AID PROJECT		

SIGN NO.	ALIGNMENT										SUPPORT INFORMATION					SIGN DESCRIPTION	
		EX. STATION	OFFSET	SIGN PANEL REMOVAL	REMOVE AND RELOCATE	PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)		BASE FOR TELES. STEEL (EACH)
181	DIXIE/WESTERN	SAME AS ABOVE		1				1	3.0	3.0	9.0						R3-2
182	DIXIE/WESTERN	6020+14.2	51.2 RT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1		R5-1
183	DIXIE/WESTERN	6023+75.9	45.2 LT		1	6023+71.69	29.64 LT	1	1.5	1.5	2.3	METAL POST	1	8.5	1	1	"PACE BUS 349 STOP"
184	DIXIE/WESTERN	6024+95.0	32.4 RT		1	6024+89.29	25.42 RT	1	1.5	1.5	2.3	LIGHT POLE					"PACE BUS 349 STOP"
185	DIXIE/WESTERN	6026+26.2	35.5 LT		1	6026+30.58	24.54 LT	1	2.0	1.5	3.0	METAL POST	1	13.5	1		R14-1 (MODIFIED) "TRUCKS" (ARROW)
186	DIXIE/WESTERN	6026+84.0	25.3 LT	1				1	1.0	1.5	1.5	METAL POST	1	13.5	1		R7-1
187	DIXIE/WESTERN	6026+91.0	32.4 RT	1				1	1.0	1.5	1.5	LIGHT POLE	1		1		R7-1
188	147TH STREET	1010+83.5	35.5 RT		1	1010+83.62	38.23 RT	2	3.5	3.0	10.5	2 METAL POSTS	2	15.0	2		"THE VILLAGE OF POSEN, BUCKLE UP"
189	RAMP K	4404+27.5	31.7 RT		1	4404+27.54	31.73 RT	2	3.0	4.0	12.0	LIGHT POLE					R5-1100
190	RAMP E	4107+14.49	66.0 LT		1	4107+17.27	63.41 LT	2	3.5	3.0	10.5	WOOD POST	1			1	E5-1
191	147TH STREET	1009+64.69	31.71 LT	1				1	1.3	0.7	0.8	METAL POST	1	11.1	1		D3-1 ("147TH ST")
192	147TH STREET	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("TROY AVE")
193	147TH STREET	1013+04.10	36.0 LT	1				1	1.3	0.7	0.8	METAL POST	1	13.3	1		D3-1 ("147TH ST")
194	147TH STREET	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("ALBANY AVE")
195	147TH STREET	1016+79.25	53.7 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
196	147TH STREET	1016+37.07	35.4 LT	1				1	1.3	0.7	0.8	METAL POST	1	13.3	1		D3-1 ("147TH ST")
197	147TH STREET	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("WHIPPLE AVE")
198	147TH STREET	1016+36.09	38.1 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
199	147TH STREET	1030+11.98	35.0 RT	1				1	2.5	2.5	6.3	METAL POST	1	12.3	1		R1-1
200	147TH STREET	1032+96.26	35.1 LT	1				1	1.3	0.7	0.8	METAL POST	1	11.1	1		D3-1 ("147TH ST")
201	147TH STREET	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("MOZART AVE")
202	147TH STREET	1079+37.46	49.5 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
203	147TH STREET	1079+76.64	43.4 RT	1				1	1.3	0.7	0.8	METAL POST	1	12.7	1		D3-1 ("OAKLEY AVE")
204	147TH STREET	1079+75.31	48.6 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
205	DIXIE/WESTERN	6005+65.01	45.5 LT	1				1	1.3	0.7	0.8	UTILITY POLE					D3-1 ("148TH ST")
206	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("DIXIE HWY")
207	DIXIE/WESTERN	6004+92.34	58.8 LT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
208	DIXIE/WESTERN	6005+23.20	80.5 RT	1				1	2.5	2.5	6.3	LIGHT POLE					R1-1
209	DIXIE/WESTERN	6001+96.64	37.1 RT	1				1	2.5	2.5	6.3	LIGHT POLE					R1-1
210	DIXIE/WESTERN	6015+54.34	43.9 RT	1				1	1.0	1.5	1.5	LIGHT POLE					R7-1
211	DIXIE/WESTERN	6014+94.24	46.2 RT	1				1	1.3	0.7	0.8	METAL POST	1	11.1	1		D3-1 ("JOLIET ST")
212	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("WESTERN AVE")
213	DIXIE/WESTERN	6020+36.48	36.2 LT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1		R3-2
214	DIXIE/WESTERN	6023+57.60	29.1 RT	1				1	2.5	3.0	7.5	LIGHT POLE					R2-1
215	DIXIE/WESTERN	6025+50.83	54.8 RT	1				1	2.5	2.5	6.3	METAL POST	1	14.5	1		R1-1
216	DIXIE/WESTERN	6025+00.34	35.9 RT	1				1	1.3	0.7	0.8	METAL POST	1	11.1	1		D3-1 ("WESTERN AVE")
217	DIXIE/WESTERN	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1 ("145TH ST")
218	147TH STREET	1006+19.00	65.9 LT	1				1	2.0	2.0	4.0	SIGNAL POLE					M1-1100 ("ILLINOIS 83")
219	147TH STREET	SAME AS ABOVE		1				1	1.8	1.3	2.2						M6-4
220	147TH STREET	1006+19.22	67.8 LT		1	1007+29.8	39.3 LT	1	1.5	1.5	2.3	METAL POST	1	11.3	1		"PACE BUS 354 STOP"
221	KEDZIE	5014+64.66	37.9 RT	1				1	2.5	3.0	7.5	METAL POST	1	16.5	1		R2-1
222	KEDZIE	SAME AS ABOVE		1				1	1.0	1.5	1.5						R8-3a
223	KEDZIE	5017+75.80	31.4 LT	1				1	1.8	1.3	2.2	METAL POST	1	15.3	1		M2-1
224	KEDZIE	SAME AS ABOVE		1				1	2.0	2.0	4.0						M1-1100 ("ILLINOIS 83")
225	KEDZIE	5015+88.51	38.4 LT	1				1	3.0	1.3	3.8	2 METAL POSTS	2	13.3	2		D3-2 ("147TH ST")
226	147TH STREET	1040+06.32	46.3 LT	1				1	3.0	3.0	9.0	METAL POST	1	14.1	1		R10-11b
227	147TH STREET	SAME AS ABOVE		1				1	3.0	1.3	3.8						S4-1103
228	147TH STREET	1064+54.91	28.3 RT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1		R5-1
229	147TH STREET	1064+39.32	59.6 RT	1				1	3.0	3.0	9.0	METAL POST	1	15.0	1		R5-1
230	DIXIE/WESTERN	6022+96.08	42.2 LT		1	6022+96.08	42.16 LT	1	1.0	1.5	1.5	METAL POST	1	14.1	1		R5-2 (SIMILAR)
231	147TH STREET	1080+09.57	29.7 RT	1				1	2.0	3.0	6.0	LIGHT POLE					R3-9b
232	KEDZIE	5018+17.4	50.7 LT	1				1	2.5	2.5	6.3	METAL POST	1	19.5	1		R1-1
233	KEDZIE	5018+43.2	49.7 LT	1				1	1.3	0.7	0.8	LIGHT POLE					D3-1
234	KEDZIE	SAME AS ABOVE		1				1	1.3	0.7	0.8						D3-1
TOTALS:												88	1128.1	84.0	3.0	2.0	

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT EXISTING SIGNAGE SCHEDULE		
SCALE: 1" = 50'	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	341
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT
			CONTRACT NO.	60M57

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SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT
1	147TH ST	1004+30.27	5.21 LT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5L
2	147TH ST	1006+03.58	5.40 LT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R3-5L
3	147TH ST	SAME AS ABOVE		1	2	2.5	5.0							R4-7
4	KEDZIE	5014+64.28	38.58 RT	1	2.5	3.0	7.5	METAL	1	16.5	1		GROUND	R2-1
5	KEDZIE	SAME AS ABOVE		1	1	1.5	1.5							R8-3a
6	KEDZIE	5015+88.53	36.00 LT	1	3	1.3	3.8	METAL	2	26.5	2		GROUND	D3-2
7	KEDZIE	5017+75.97	31.07 LT	1	2.5	1.3	3.1	METAL	1	16.3	1		GROUND	M2-1
8	KEDZIE	SAME AS ABOVE		1	3	3.0	9.0							MI-1100
9	KEDZIE	5018+45.96	57.35 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
10	KEDZIE	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
11	KEDZIE	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
12	147TH ST	1007+27.12	5.91 RT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R3-5L
13	147th ST	SAME AS ABOVE		1	2	2.5	5.0							R4-7
14	147th ST	1007+81.87	41.41 RT	1	2	1.0	2.0	LIGHT POLE						M3-3
15	147th ST	SAME AS ABOVE		1	2	2.0	4.0							MI-1100
16	147th ST	1009+00.85	38.00 RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R2-1
17	147th ST	1009+38.57	5.85 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5L
18	147th ST	1009+70.52	54.91 LT	1	2.5	2.5	6.3	METAL	1	10.8	1	1	PAVEMENT	R1-1
19	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
20	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
21	147th ST	1010+16.27	61.41 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
22	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
23	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
24	147th ST	1010+38.06	42.99 RT	1	2	3.0	6.0	LIGHT POLE						R3-9b
25	147th ST	1013+07.52	53.00 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
26	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
27	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
28	147th ST	1013+46.73	54.84 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
29	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
30	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
31	147th ST	1013+47.89	53.53 LT	1	2.5	3.0	7.5	LIGHT POLE						R2-1
32	147th ST	SAME AS ABOVE		1	2	2.5	5.0							R12-1
33	147th ST	1015+16.52	42.76 RT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R1-1
34	147th ST	1016+21.62	35.97 LT	1	2	3.0	6.0	METAL	1	15.0	1		GROUND	R3-9b
35	147th ST	1016+35.70	53.00 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
36	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
37	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
38	147th ST	1016+80.54	53.00 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
39	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
40	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
41	147th ST	1018+73.42	38.58 LT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R2-1
42	147th ST	1019+07.34	5.01 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5L
43	147th ST	1030+08.76	50.33 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
44	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
45	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
46	147th ST	1032+96.44	52.00 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
47	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
48	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
49	147th ST	1033+41.06	53.25 RT	1	2.5	2.5	6.3	LIGHT POLE						R1-1
50	147th ST	1033+43.19	48.00 RT	1	1.25	0.7	0.8	METAL	1	8.3	1	1	PAVEMENT	D3-1
51	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
52	147th ST	1033+55.33	36.00 RT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
53	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-9p

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
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PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	342
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT
54	147th ST	1035+69.49	36.30 LT	1	2	1.0	2.0	METAL	1	15.0	1		GROUND	M3-1
55	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
56	147th ST	1036+00.93	39.70 LT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
57	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
58	147th ST	1036+10.01	43.00 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
59	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
60	147th ST	1036+15.85	46.57 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
61	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
62	147th ST	1035+86.78	36.00 RT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
63	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
64	147th ST	1036+15.85	46.57 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
65	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
66	147th ST	1036+19.14	52.44 LT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
67	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
68	147th ST	1036+76.52	48.62 LT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
69	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
70	147th ST	1036+78.95	47.30 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
71	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
72	147th ST	1036+87.43	37.85 RT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
73	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
74	147th ST	1037+03.89	37.23 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
75	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
76	147th ST	1037+43.14	36.65 RT	1	2	1.0	2.0	METAL	1	15.0	1		GROUND	M3-3
77	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
78	147th ST	1037+56.55	45.41 LT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R6-2L
79	147th ST	1038+06.57	36.78 LT	1	2	2.5	5.0	METAL	1	14.5	1		GROUND	R8-6
80	147th ST	1038+67.74	36.85 RT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
81	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-9p
82	147th ST	1038+82.65	38.08 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
83	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-9p
84	147th ST	1039+41.53	43.65 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
85	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
86	147th ST	1039+35.84	36.50 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
87	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
88	147th ST	1039+41.53	43.65 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
89	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
90	147th ST	1040+15.11	45.38 RT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
91	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
92	147th ST	1039+35.27	36.02 LT	1	3	3.0	9.0	METAL	1	11.0	1		PAVEMENT	S1-1
93	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
94	147th ST	1039+46.40	47.99 LT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
95	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
96	147th ST	1040+10.36	47.95 LT	1	2	2.0	4.0	SIGNAL POLE						R10-11b
97	147th ST	SAME AS ABOVE		1	2	0.8	1.7							S4-IP
98	147th ST	1040+14.70	99.38 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
99	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
100	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
101	147th ST	1040+20.86	36.29 RT	1	3	3.0	9.0	METAL		16.0			GROUND	S1-1
102	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
103	147th ST	1040+26.52	38.05 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
104	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-7p
105	147th ST	1042+66.06	38.97 RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R2-1
106	147th ST	1042+85.54	46.56 LT	1	3	3.0	9.0	METAL	1	15.0	1		GROUND	W6-2

TYLIN INTERNATIONAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	343
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT
107	147th ST	1042+97.86	1.44 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5L
108	147th ST	1043+54.15	38.58 RT	1	2.5	1.3	3.1	METAL	1	15.3	1		GROUND	M2-1
109	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
110	147th ST	1045+20.26	38.43 LT	1	3	3.0	9.0	METAL	1	16.0	1		GROUND	S1-1
111	147th ST	SAME AS ABOVE		1	2	1.0	2.0							W16-9p
112	147th ST	1045+89.32	44.19 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1
113	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
114	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-3
115	147th ST	1045+89.32	44.19 RT	1	2	1.0	2.0	METAL	1		1			M3-3
116	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
117	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-2R
118	147th ST	1049+78.28	60.90 RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R3-5R
119	147th ST	1049+55.39	62.37 LT	1	2	1.0	2.0	METAL	1	15.0	1		GROUND	M3-1
120	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
121	147th ST	1051+48.98	65.24 RT	1	2	1.0	2.0	METAL	1	11.3	1		PAVEMENT	M3-3
122	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
123	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-2R
124	147th ST	1052+58.48	56.50 LT	1	2.5	3.0	7.5	METAL	1	15.0	1		PAVEMENT	R2-1
125	147th ST	1053+70.66	71.58 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1
126	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
127	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-3
128	147th ST	1053+70.66	71.58 RT	1	2	1.0	2.0							M3-3
129	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
130	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-2R
131	147th ST	1055+26.37	84.00 LT	1	2	1.0	2.0	SIGNAL POLE						M3-1
132	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
133	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1R
134	147th ST	SAME AS ABOVE	84.00 LT	1	3	3.0	9.0							R5-1
135	147th ST	SAME AS ABOVE	84.00 LT	1	2.5	3.0	7.5							R6-2L
136	147th ST	1055+52.83	73.33 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R6-2L
137	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R6-2R
138	147th ST	5201+49.92	36.38 RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	W13-3
139	147th ST	1055+72.46	2.72 LT	1	2	1.0	2.0	METAL	1	11.3	1	1	PAVEMENT	M3-3
140	RAMP EX.F	SAME AS ABOVE		1	2	2.0	4.0							M1-1
141	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
142	147th ST	1055+72.09	12.61 LT	1	2	2.5	5.0	METAL	1	12.5	1	1	PAVEMENT	R4-7
143	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R10-5
144	147th ST	1056+24.12	69.01 LT	1	2	1.0	2.0	SIGNAL POLE						M3-3
145	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
146	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
147	147th ST	1056+24.12	69.01 LT	1	3	3.0	9.0	SIGNAL POLE						R5-1
148	147th ST	1056+41.32	56.83 LT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R6-2L
149	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R6-2R
150	147th ST	1056+61.88	6.89 RT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R4-7
151	147th ST	SAME AS ABOVE		1	2.5	2.5	6.3							R3-8
152	147th ST	1058+56.75	6.53 RT	1	2	1.0	2.0	METAL	1	11.3	1	1	PAVEMENT	M3-1
153	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
154	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1L
155	147th ST	1058+56.75	6.53 RT	1	2	1.0	2.0			11.3			PAVEMENT	M3-3
156	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
157	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1R
158	147th ST	1061+91.76	1.54 RT	1	2.5	2.5	6.3	METAL	1	12.5	1	1	GROUND	R3-8
159	147th ST	SAME AS ABOVE		1	3	3.0	9.0							R3-2

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - BES	REVISED -
PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	344
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT
160	147th ST	SAME AS ABOVE		1	2	2.5	5.0							R4-7
161	147th ST	1061+17.66	63.87 LT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-3
162	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
163	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1L
164	147th ST	1062+42.43	79.97 RT	1	3	3.0	9.0	SIGNAL POLE						R5-1
165	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R6-2L
166	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R6-2R
167	147th ST	4311+09.83	48.58 LT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1
168	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
169	RAMP J	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
170	147th ST	1062+95.32	12.16 RT	1	2	2.5	5.0	METAL	1	12.5	1	1	PAVEMENT	R4-7
171	147TH ST	SAME AS ABOVE		1	2.5	3.0	7.5							R10-5
172	147th ST	1062+94.61	3.38 RT	1	2	1.0	2.0	METAL	1	11.3	1	1	PAVEMENT	M3-1
173	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
174	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
175	147th ST	1063+15.87	98.30 RT	1	3	3.0	9.0	SIGNAL POLE						R5-1
176	147th ST	1063+26.63	66.78LT	1	2.5	3.0	7.5	SIGNAL POLE						R6-2L
177	147th ST	SAME AS ABOVE		1	2.5	3.0	7.5							R6-2R
178	147th ST	4311+11.78	27.78 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-3
179	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
180	RAMP J	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1R
181	RAMP J	1064+43.31	73.41 LT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-3
182	RAMP J	SAME AS ABOVE		1	2	2.0	4.0							M1-1
183	147TH ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-3
184	147th ST	1064+43.31	73.41 LT	1	2	1.0	2.0							M3-1
185	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
186	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-2R
187	147th ST	1065+65.03	66.82RT	1	3	3.0	9.0	METAL	1	15.7	1		GROUND	W3-3
188	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							W16-8p
189	147th ST	1066+28.13	74.01RT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-7
190	147th ST	1066+51.27	68.35 LT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R3-5R
191	147th ST	1067+72.43	64.64 LT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1
192	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
193	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M5-2R
194	147th ST	1067+72.43	64.64 LT	1	2	1.0	2.0			8.0			PAVEMENT	M3-3
195	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
196	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-3
197	147th ST	1070+22.66	55.27 RT	1	2	1.0	2.0	METAL	1	15.0	1		GROUND	M3-3
198	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
199	147th ST	1071+06.87	64.90LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-7
200	147th ST	1070+81.43	10.28 LT	1	2.5	2.5	6.3	METAL	1	9.5	1	1	PAVEMENT	R3-8
201	147th ST	1072+95.60	53.00 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	D9-13bP
202	147th ST	SAME AS ABOVE		1	2	2.0	4.0							D9-2
203	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1R
204	147th ST	1072+68.45	64.45 LT	1	2.5	1.3	3.1	LIGHT POLE						M2-1
205	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1
206	147th ST	1074+02.13	10.79 LT	1	2.5	2.5	6.3	METAL	1	9.5	1	1	PAVEMENT	R3-8
207	147th ST	SAME AS ABOVE		1	2	2.5	5.0							R4-7
208	147th ST	1073+96.07	78.07 LT	1	2	1.0	2.0	SIGNAL POLE						M3-1
209	147th ST	SAME AS ABOVE		1	2	2.0	4.0							M1-1100
210	147th ST	1075+83.42	2.93 RT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R4-7
211	147th ST	SAME AS ABOVE		1	2	2.5	5.0							R3-5L
212	147th ST	1076+47.26	44.51 LT	1	2	1.0	2.0	LIGHT POLE						D9-13bP

TYLIN INTERNATIONAL

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PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	344A
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT
CONTRACT NO.				60M57

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SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION	
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT
213	147th ST	SAME AS ABOVE		1	2	2.0	4.0							D9-2
214	147th ST	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
215	147th ST	1077+99.91	5.96 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5L
216	147th ST	1078+58.32	39.24 RT	1	2.5	3.0	7.5	LIGHT POLE						R2-1
217	147th ST	1079+87.81	48.19 RT	1	2.5	2.5	6.3	METAL	1	10.8	1	1	PAVEMENT	R1-1
218	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
219	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
220	147th ST	1079+35.47	50.44 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
221	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
222	147th ST	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
223	147th ST	5998+47.34	55.88LT	2	4	2.5	10.0	METAL	1	14.5	1		GROUND	R11-2
224	147th ST	6013+08.74	7.72 RT	1	2.5	2.5	6.3	METAL	1	9.5	1	1	PAVEMENT	R3-8
225	DIXIE/WESTERN	SAME AS ABOVE		1	2	2.5	5.0							R4-7
226	DIXIE/WESTERN	6013+52.71	60.90 LT	1	2	2.0	4.0	LIGHT POLE						M1-1100
227	DIXIE/WESTERN	SAME AS ABOVE		1	1.75	1.3	2.2							M6-4
228	DIXIE/WESTERN	6014+73.46	60.84 LT	1	2	1.0	2.0	LIGHT POLE						M4-5
229	DIXIE/WESTERN	SAME AS ABOVE		1	2	2.0	4.0							M1-1
230	DIXIE/WESTERN	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1R
231	DIXIE/WESTERN	6010+61.84	48.95 RT	1	2	2.0	4.0	METAL	1	10.3	1	1	PAVEMENT	M1-1100
232	DIXIE/WESTERN	SAME AS ABOVE		1	1.75	1.3	2.2							M6-4
233	DIXIE/WESTERN	6011+13.67	13.77 LT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R4-7
234	DIXIE/WESTERN	SAME AS ABOVE		1	2.5	2.5	6.3							R3-8
235	DIXIE/WESTERN	5998+91.03	33.23 LT	1	1	1.5	1.5	METAL	1	14.0	1		GROUND	R7-1
236	DIXIE/WESTERN	SAME AS ABOVE		1	1	0.5	0.5							R7-201aP
237	DIXIE/WESTERN	6001+85.95	43.61 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
238	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
239	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
240	DIXIE/WESTERN	6002+91.83	38.40 LT	1	1	1.5	1.5	METAL	1	14.0	1		GROUND	R7-1
241	DIXIE/WESTERN	SAME AS ABOVE		1	1	0.5	0.5							R7-201aP
242	DIXIE/WESTERN	6003+86.57	36.45 RT	1	2.5	3.0	7.5	METAL	1	11.5	1	1	PAVEMENT	R2-1
243	DIXIE/WESTERN	SAME AS ABOVE		1	1	1.5	1.5							R7-1
244	DIXIE/WESTERN	6004+91.70	62.09 LT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
245	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
246	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
247	DIXIE/WESTERN	6005+32.95	70.22 LT	1	2	2.5	5.0	METAL	1	14.5	1		GROUND	R4-7
248	DIXIE/WESTERN	6005+30.61	54.90 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
249	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
250	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
251	DIXIE/WESTERN	6005+67.00	1.83 RT	1	2	2.5	5.0	METAL	1	9.5	1	1	PAVEMENT	R4-7
252	DIXIE/WESTERN	SAME AS ABOVE		1	2	2.5	5.0							R3-5L
253	DIXIE/WESTERN	6008+24.28	46.30 RT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5R
254	DIXIE/WESTERN	6008+64.58	14.04 LT	1	2.5	2.5	6.3	METAL	1	9.5	1	1	PAVEMENT	R3-8
255	DIXIE/WESTERN	6007+38.51	41.50 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M4-5
256	DIXIE/WESTERN	SAME AS ABOVE		1	2	2.0	4.0							M1-1
257	DIXIE/WESTERN	SAME AS ABOVE		1	1.75	1.3	2.2							M6-1L
258	DIXIE/WESTERN	6009+48.47	70.08 LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R1-1
259	DIXIE/WESTERN	6015+44.96	52.60 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1
260	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
261	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1
262	DIXIE/WESTERN	6015+73.69	54.59 LT	1	2.5	3.0	7.5	METAL	1	10.0	1	1	PAVEMENT	R3-5R
263	DIXIE/WESTERN	6019+60.44	43.66 RT	1	3	3.0	9.0	METAL	1	18.0	1		GROUND	R5-1
264	DIXIE/WESTERN	SAME AS ABOVE		1	3	3.0	9.0							R3-2
265	DIXIE/WESTERN	6020+32.56	37.50 LT	1	3	3.0	9.0	METAL	1	13.0	1	1	PAVEMENT	R3-2

TYLIN INTERNATIONAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	344B
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	

SIGN NO.	ALIGNMENT							SUPPORT INFORMATION					SIGN DESCRIPTION		
		PROP. STATION	OFFSET	TYPE	WIDTH (FT)	HEIGHT (FT)	AREA (FT)	TYPE	POST QUANTITY	POST LENGTH (FT)	TELES. STEEL POSTS (EACH)	BASE FOR TELES. STEEL (EACH)		GROUND OR PAVEMENT MOUNT	
266	DIXIE/WESTERN	6020+14.18	51.21 RT	1	3	3.0	9.0	METAL	1	15.0	1		GROUND	R5-1	
267	DIXIE/WESTERN	6023+62.83	26.94RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	R2-1	
268	DIXIE/WESTERN	6025+52.01	39.92 RT	1	2.5	2.5	6.3	METAL	1	15.8	1		GROUND	R1-1	
269	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1	
270	DIXIE/WESTERN	SAME AS ABOVE		1	1.25	0.7	0.8							D3-1	
271	DIXIE/WESTERN	6026+91.14	24.15 RT	1	1	1.5	1.5	METAL	1	8.5	1	1	PAVEMENT	R7-1	
272	DIXIE/WESTERN	6026+83.86	24.28 LT	1	1	1.5	1.5	METAL	1	13.5	1		GROUND	R7-1	
273	DIXIE/WESTERN	6017+23.02	7.18 LT	1	2.5	2.5	6.3	METAL	1	9.5	1	1	PAVEMENT	R3-8	
274	DIXIE/WESTERN	4304+38.75	4.48 RT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-8	
275	DIXIE/WESTERN	4304+52.73	32.75LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-8	
276	RAMP J	SAME AS ABOVE		1	3.5	2.5	8.8							R5-1a	
277	RAMP J	4306+24.04	28.19 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1	
278	RAMP J	SAME AS ABOVE		1	2	2.0	4.0							M1-1100	
279	RAMP J	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1L	
280	RAMP J	4306+24.04	28.19 RT	1	2	1.0	2.0						PAVEMENT	M3-3	
281	RAMP J	SAME AS ABOVE		1	2	2.0	4.0							M1-1100	
282	RAMP J	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1R	
283	RAMP J	4306+35.52	37.24 LT	2	3.5	3.0	10.5	METAL	1	15.0	1		GROUND	ACCIDENT INVESTIGATION SITE (ARROW)	
284	RAMP J	4307+05.19	36.98 LT	1	3	3.0	9.0	METAL	1	15.0	1		GROUND	R5-1	
285	RAMP J	4308+20.95	92.97 LT	2	3.5	3.5	12.3	METAL	1	15.5	1		GROUND	ACCIDENT INVESTIGATION SITE	
286	RAMP J	4309+52.27	47.55 LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R1-1	
287	RAMP J	4308+36.01	29.93 RT	1	3	1.0	3.0	METAL	1	13.0	1		GROUND	R6-1L	
288	RAMP J	4309+49.67	27.82 RT	1	3.5	2.5	8.8	METAL	1	14.5	1		GROUND	R5-1a	
289	RAMP J	SAME AS ABOVE		1	3.5	2.5	8.8							D1-3	
290	RAMP J	4309+77.36	48.00 LT	1	3.5	2.5	8.8	METAL	1	14.5	1		GROUND	R5-1a	
291	RAMP J	SAME AS ABOVE		1	2.5	2.0	5.0							STANDARD BANK STADIUM (ARROW)	
292	RAMP J	4401+93.58	29.35 RT	1	2.5	3.0	7.5	METAL	1	15.0	1		GROUND	W13-3	
293	RAMP J	4108+52.13	5.37 RT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-8	
294	RAMP K	4108+67.05	38.03LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R3-8	
295	RAMP E	SAME AS ABOVE		1	3.5	2.5	8.8							R5-1a	
296	RAMP E	4110+07.43	31.46 RT	1	2	1.0	2.0	METAL	1	16.3	1		GROUND	M3-1	
297	RAMP E	SAME AS ABOVE		1	2	2.0	4.0							M1-1100	
298	RAMP E	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1L	
299	RAMP E	4110+07.43	31.46 RT	1	2	1.0	2.0						PAVEMENT	M3-3	
300	RAMP E	SAME AS ABOVE		1	2	2.0	4.0							M1-1100	
301	RAMP E	SAME AS ABOVE		1	1.75	1.3	2.2							M5-1R	
302	RAMP E	4110+35.33	35.98 LT	2	3.5	3.0	10.5	METAL	1	10.0	1		PAVEMENT	ACCIDENT INVESTIGATION SITE (ARROW)	
303	RAMP E	4110+72.27	34.63 LT	1	3	3.0	9.0	METAL	1	15.0	1		GROUND	R5-1	
304	RAMP E	4111+62.40	39.68 RT	1	3	1.0	3.0	METAL	1	13.0	1		GROUND	R6-1L	
305	RAMP E	4113+33.71	42.66 RT	1	3.5	2.5	8.8	METAL	1	14.5	1		GROUND	R5-1a	
306	RAMP E	4113+28.30	38.16 LT	1	3.5	2.5	8.8	METAL	1	14.5	1		GROUND	R5-1a	
307	RAMP E	4112+86.84	33.35 LT	1	2.5	2.5	6.3	METAL	1	14.5	1		GROUND	R1-1	
308	RAMP E	4111+83.26	80.60LT	2	3.5	3.5	12.3	METAL	1	15.5	1		GROUND	ACCIDENT INVESTIGATION SITE	
							TOTALS:	1338.3		124.0	1735.9	124.0	33.0		

TYLIN INTERNATIONAL

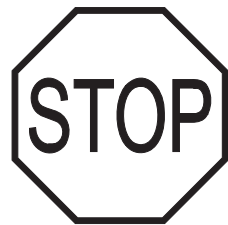
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PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED SIGN SCHEDULE**

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	344C
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



R1-1
30" x 30"
A



R2-1 (20)
30" x 36"
B



R2-1 (35)
30" x 36"
C



NOT USED
R2-1 (40)
30" x 36"
D



R3-2
36" x 36"
OR 24" x 24" AT DRIVEWAY
E



R3-3
36" x 36"
F



R3-5L
30" x 36" OR
24" x 30"
(WHEN USED ON BACK OF R4-7)
G



R3-5R
30" x 36" OR
24" x 30"
(WHEN USED ON BACK OF R4-7)
H



R3-8 (MODIFIED)
30" x 30"
I



R3-9b
24" x 36"
J



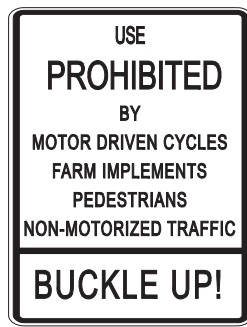
R4-7
24" x 30"
K



R5-1
36" x 36"
L



R5-1a
42" x 30"
M



R5-1100
36" x 48"
N
* REUSE EXISTING
SIGN PANEL



R6-1L
36" x 12"
O



NOT USED
R6-1R
36" x 12"
P



R6-2R
30" x 36"
Q



R2-6L
30" x 36"
R



R7-1
12" x 18"
S



R7-201aP
12" x 6"
T



R8-6 (MODIFIED)
24" x 30"
U



R8-3a
12" x 18"
V



R10-5
30" x 36"
W



R10-11b
24" x 24"
X



R12-1
24" x 30"
Y



D3-1
(LEGEND VARIES)
(VARIES) x 8"
Z



D3-2
"147TH ST"
36" x 15"
AA



D9-2
24" x 24"
AB



D9-13bP (MODIFIED)
24" x 12"
AC



M1-1 (I-57)
24" x 24"
AD



NOT USED
M1-1 (I-294)
30" x 24"
AE



M1-1100
24" x 24" OR
36" x 36"
(WHEN USED WITH M2-1)
AF



M2-1
30" x 15"
AG



M3-1
24" x 12"
AH



M3-3
24" x 12"
AI



M4-5
24" x 12"
AJ



M5-1L/R
21" x 15"
AK



M5-2L/R
21" x 15"

(AL)



M6-1L/R
21" x 15"

(AM)



M6-2L/R
21" x 15"

(AN)



M6-3
21" x 15"

(AO)



M6-4
21" x 15"

(AP)



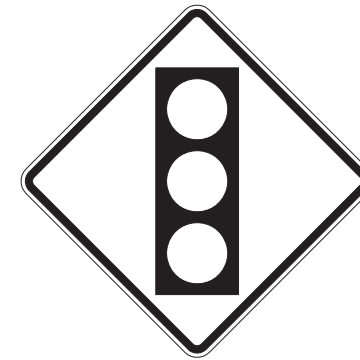
S1-1
36" x 36"

(AQ)

8:00 AM
TO 3:30 PM

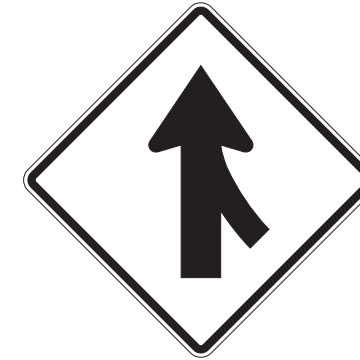
S4-1P
24" x 10"

(AR)



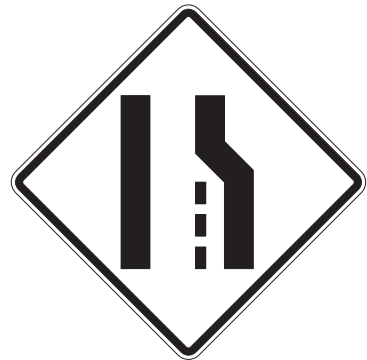
W3-3
36" x 36"

(AS)



W4-1
36" x 36"

(AT)



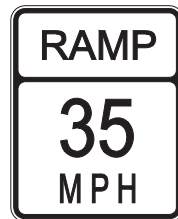
W4-2
36" x 36"

(AU)



W6-2
36" x 36"

(AV)



W13-3 (35)
30" x 36"

(AW)



W16-7p
24" x 12"

(AX)

Dixie Hwy

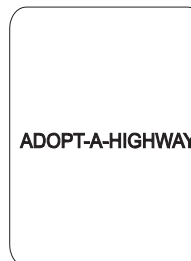
W16-8p
"DIXIE HWY"
15" x 8"

(AY)

AHEAD

W16-9p
24" x 12"

(AZ)



ADOPT-A-HIGHWAY I1-I107a
30" x 36"

(BA)

• REUSE EXISTING
SIGN PANEL



ADOPT-A-HIGHWAY I1-I107b
30" x 18"

(BB)

• REUSE EXISTING
SIGN PANEL



W21-1111
36" x 36"

(BB) a

• REUSE EXISTING
SIGN PANEL

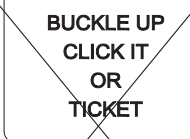


*999 EXPRESS LINE
36" x 36"

(BC)

• REUSE EXISTING
SIGN PANEL

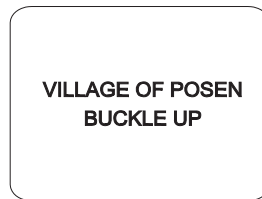
NOT USED



BUCKLE UP, CLICK IT OR TICKET
30" x 24"

(BD)

• REUSE EXISTING
SIGN PANEL



VILLAGE OF POSEN BUCKLE UP
42" x 36"

(BE)

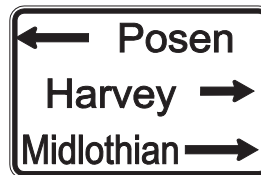
• REUSE EXISTING
SIGN PANEL



VILLAGE OF POSEN PUBLIC WORKS
42" x 42"

(BF)

• REUSE EXISTING
SIGN PANEL



D1-3 (MODIFIED)
42" x 30"

(BG)

6" TALL CAPITAL LETTERS
4.5" TALL LOWER CASE LETTERS
WHITE LETTERS ON GREEN SIGN



30" x 24"

(BH)

• REUSE EXISTING
SIGN PANEL



42" x 36"

(BI)



42" x 42"

(BJ)



42" x 42"

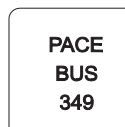
(BJ) a



30" x 24"

(BK)

6" TALL CAPITAL LETTERS
4.5" TALL LOWER CASE LETTERS
WHITE LETTERS ON BROWN SIGN



PACE BUS STOP 349
18" x 18"

(BL)

• REUSE EXISTING
SIGN PANEL



PACE BUS STOP 354
18" x 18"

(BM)

• REUSE EXISTING
SIGN PANEL



12" x 18"

(BN)

• REUSE EXISTING
SIGN PANEL



18" x 12"

(BO)

• REUSE EXISTING
SIGN PANEL



R3-8 (MODIFIED)
30" x 30"

(BP)



E5-1a
90" x 60"

(BQ)



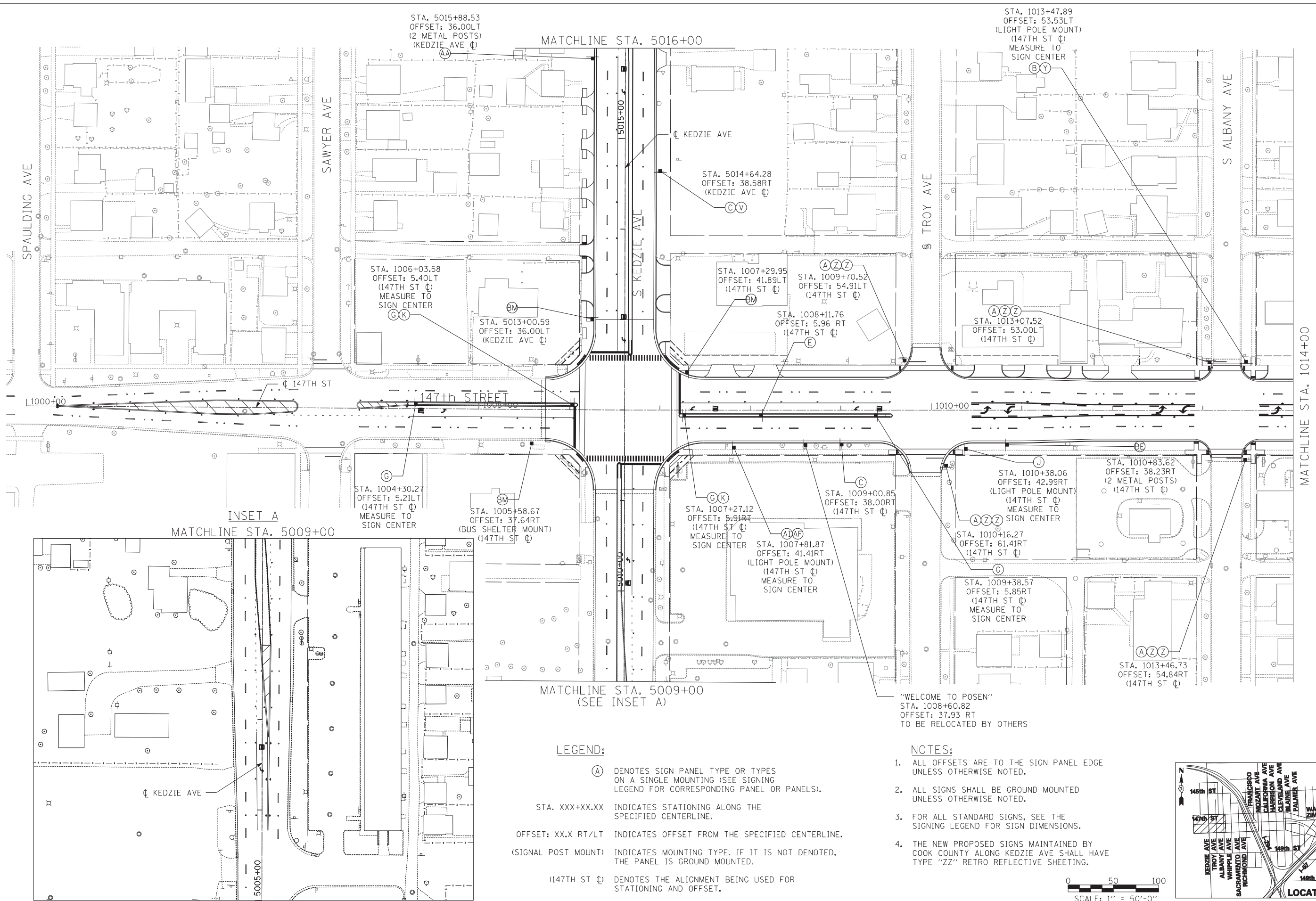
R3-7
30" x 30"

(BR)



R11-2
48" x 30"

(BS)



MATCHLINE STA. 1014+00

MATCHLINE STA. 5016+00

INSET A
MATCHLINE STA. 5009+00

MATCHLINE STA. 5009+00
(SEE INSET A)

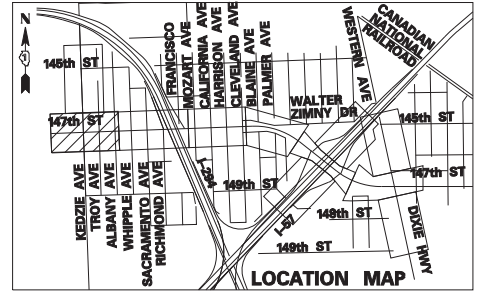
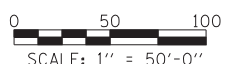
LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- OFFSET: XX.X RT/LT INDICATES OFFSET FROM THE SPECIFIED CENTERLINE. (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST ☐) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.
4. THE NEW PROPOSED SIGNS MAINTAINED BY COOK COUNTY ALONG KEDZIE AVE SHALL HAVE TYPE "ZZ" RETRO REFLECTIVE SHEETING.

"WELCOME TO POSEN"
STA. 1008+60.82
OFFSET: 37.93 RT
TO BE RELOCATED BY OTHERS



TYLIN INTERNATIONAL

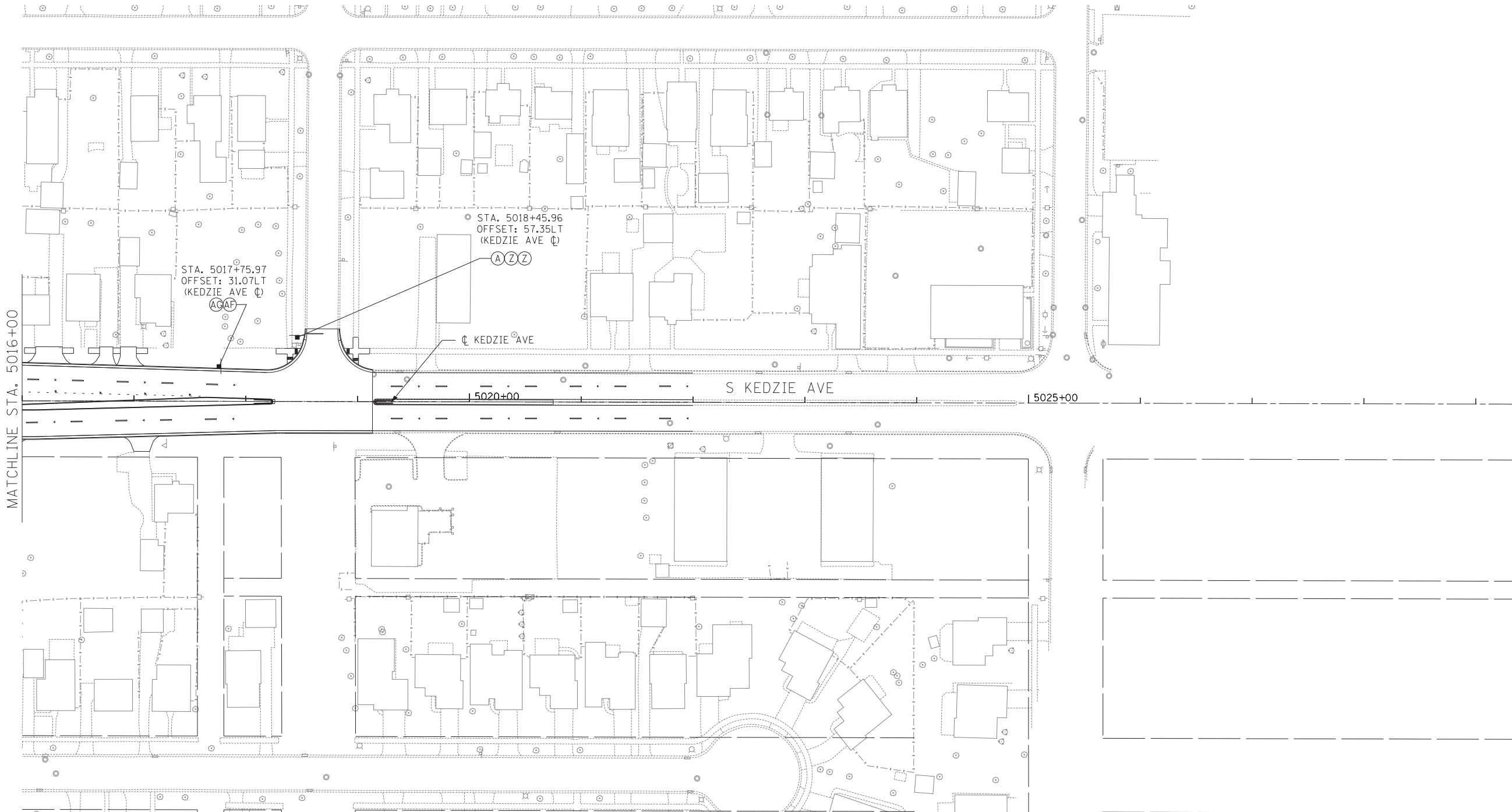
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PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 9 SHEETS STA. 1000+00 TO STA. 1014+00

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	347
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



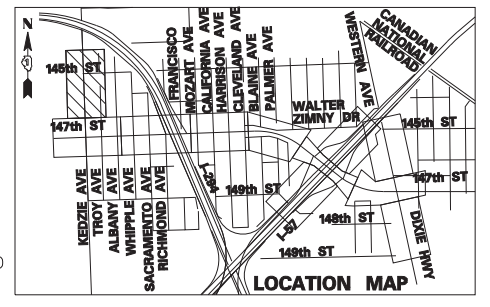
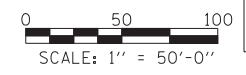
MATCHLINE STA. 5016+00

LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- OFFSET: XX.X RT/LT INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



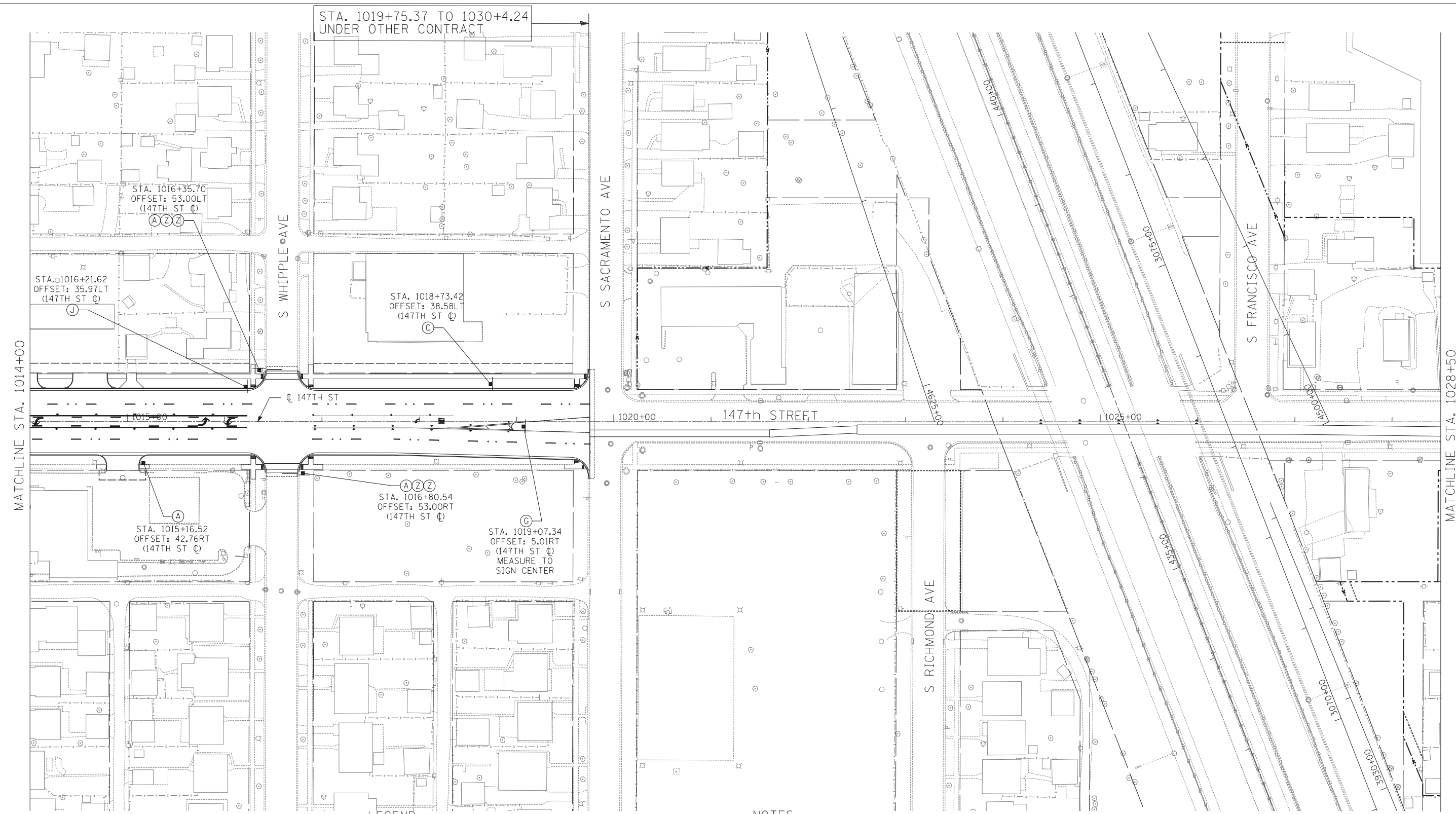
TYLIN INTERNATIONAL	USER NAME =	DESIGNED - BES	REVISED -
	PLOT SCALE =	DRAWN - BES	REVISED -
	PLOT DATE =	CHECKED - JPM	REVISED -
		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 1a OF 9 SHEETS STA. 5016+00 TO STA. 5029+50

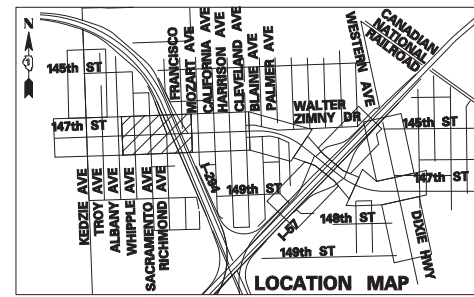
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	348
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



STA. 1019+75.37 TO 1030+4.24
UNDER OTHER CONTRACT

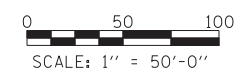
MATCHLINE STA. 1014+00

MATCHLINE STA. 1028+50



- LEGEND:**
- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
 - STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
 - INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
 - (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
 - (147TH ST C) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

- NOTES:**
1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
 2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
 3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



TYLIN INTERNATIONAL

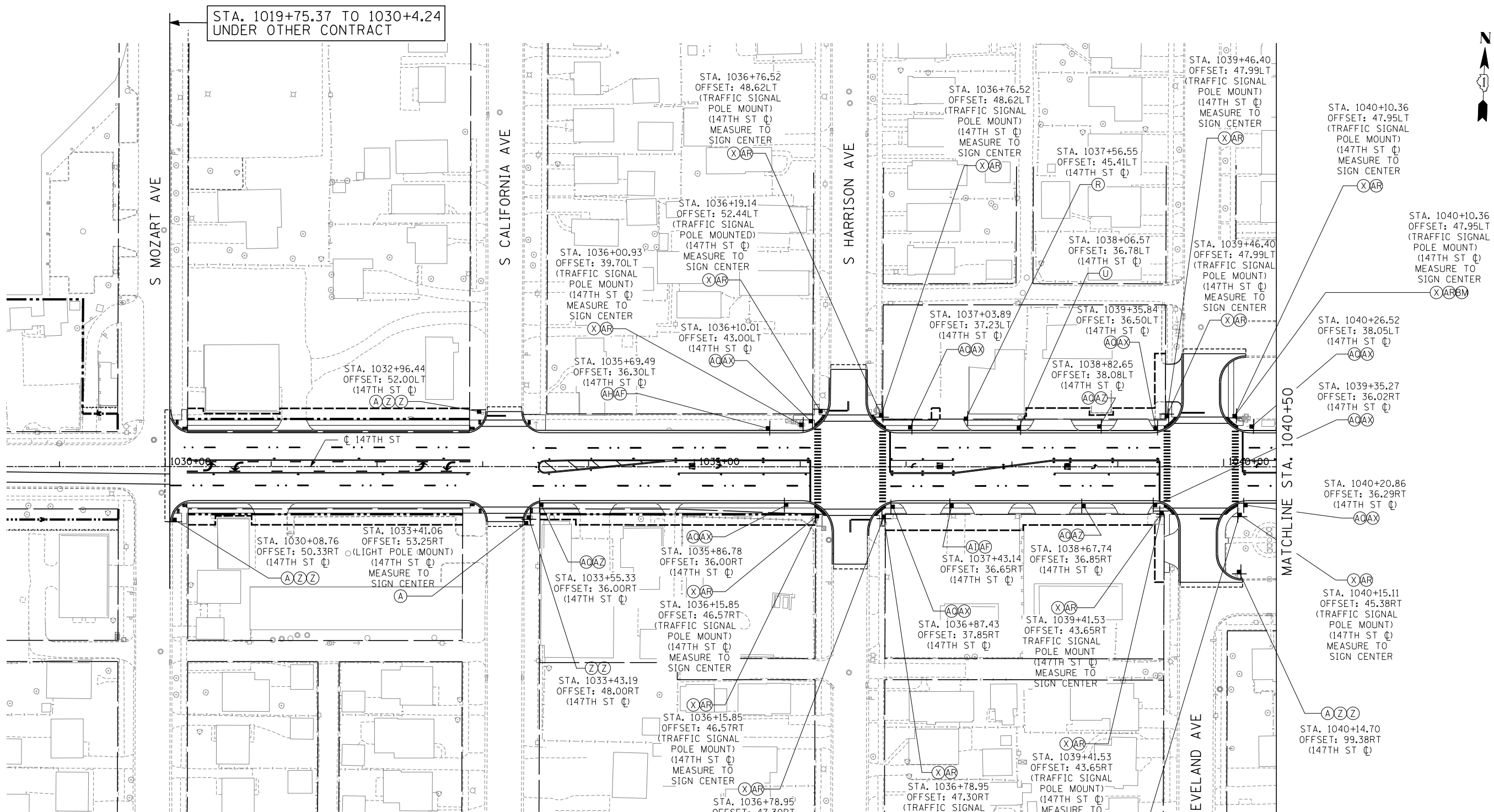
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PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 9 SHEETS STA. 1014+00 TO STA. 1028+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	349
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

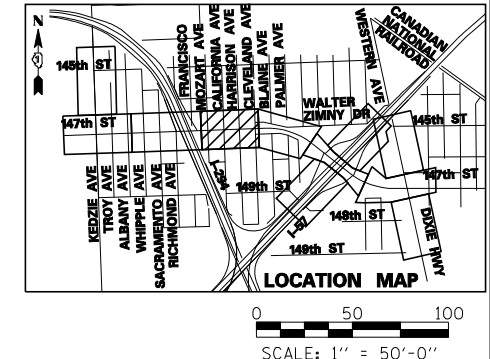


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



TYLIN INTERNATIONAL

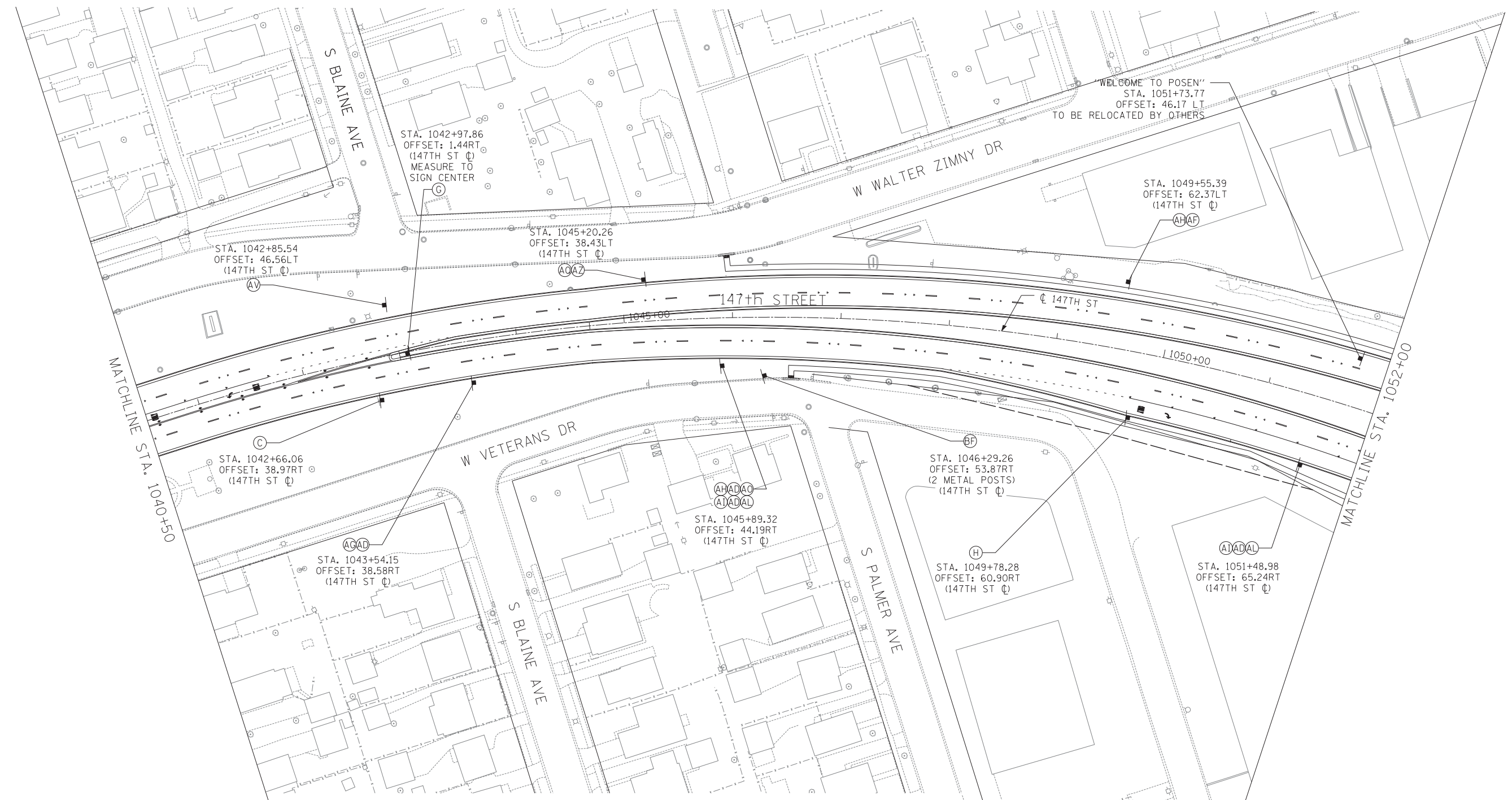
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DRAWN - BES	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**177TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 3 OF 9 SHEETS STA. 1028+50 TO STA. 1040+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	350
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

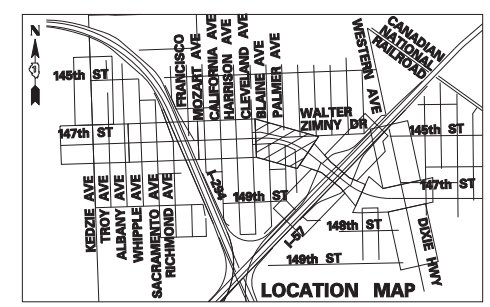
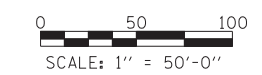


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



TYLIN INTERNATIONAL

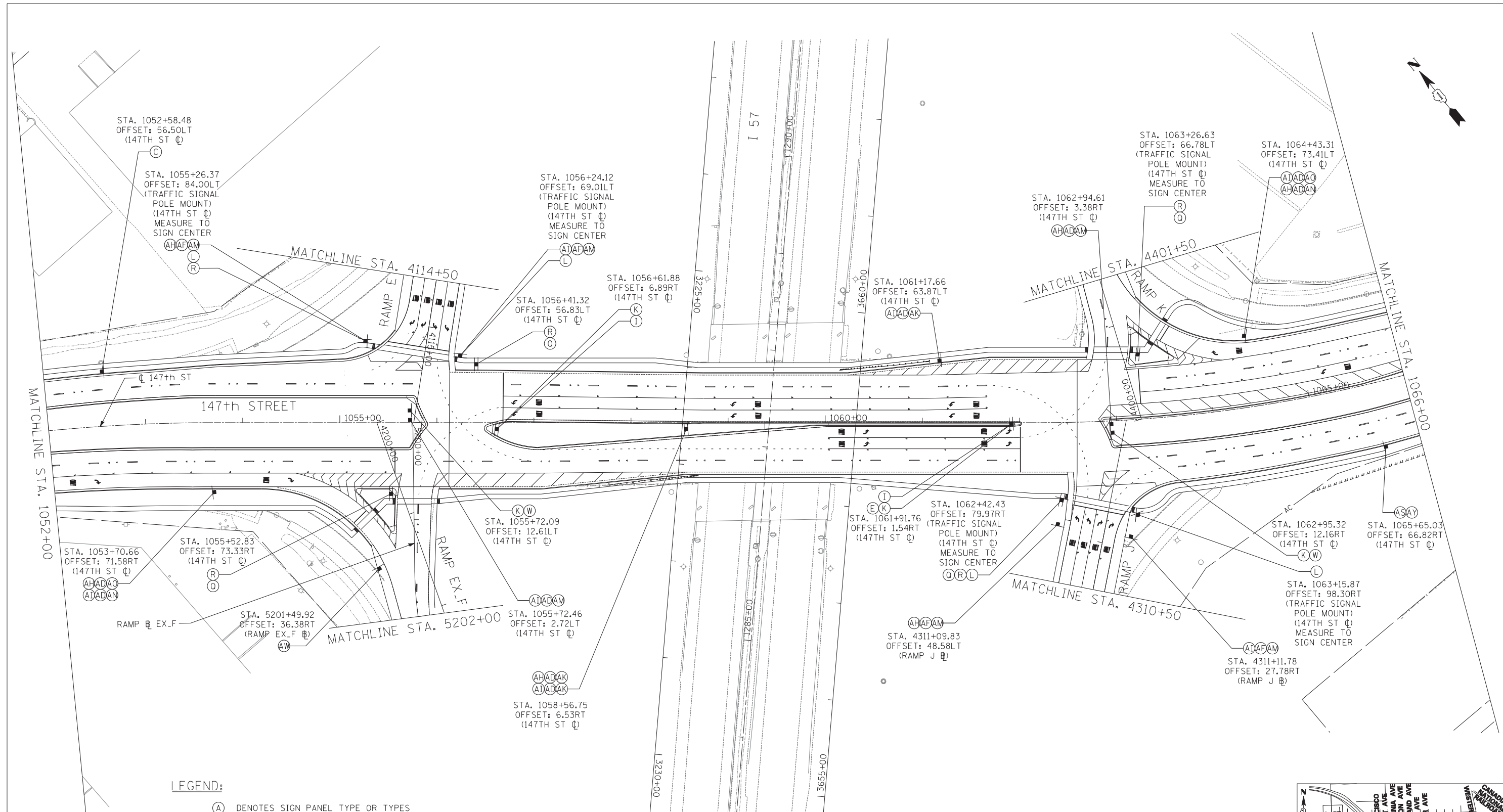
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	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. 1040+50 TO STA. 1052+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	351
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

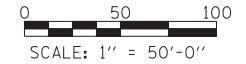
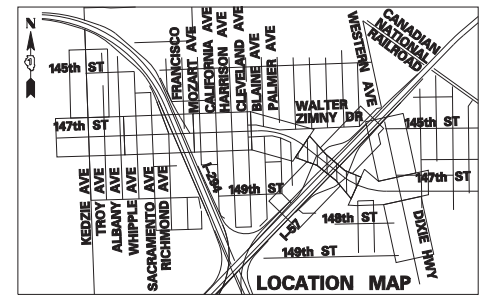


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST ☐) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



TYLIN INTERNATIONAL

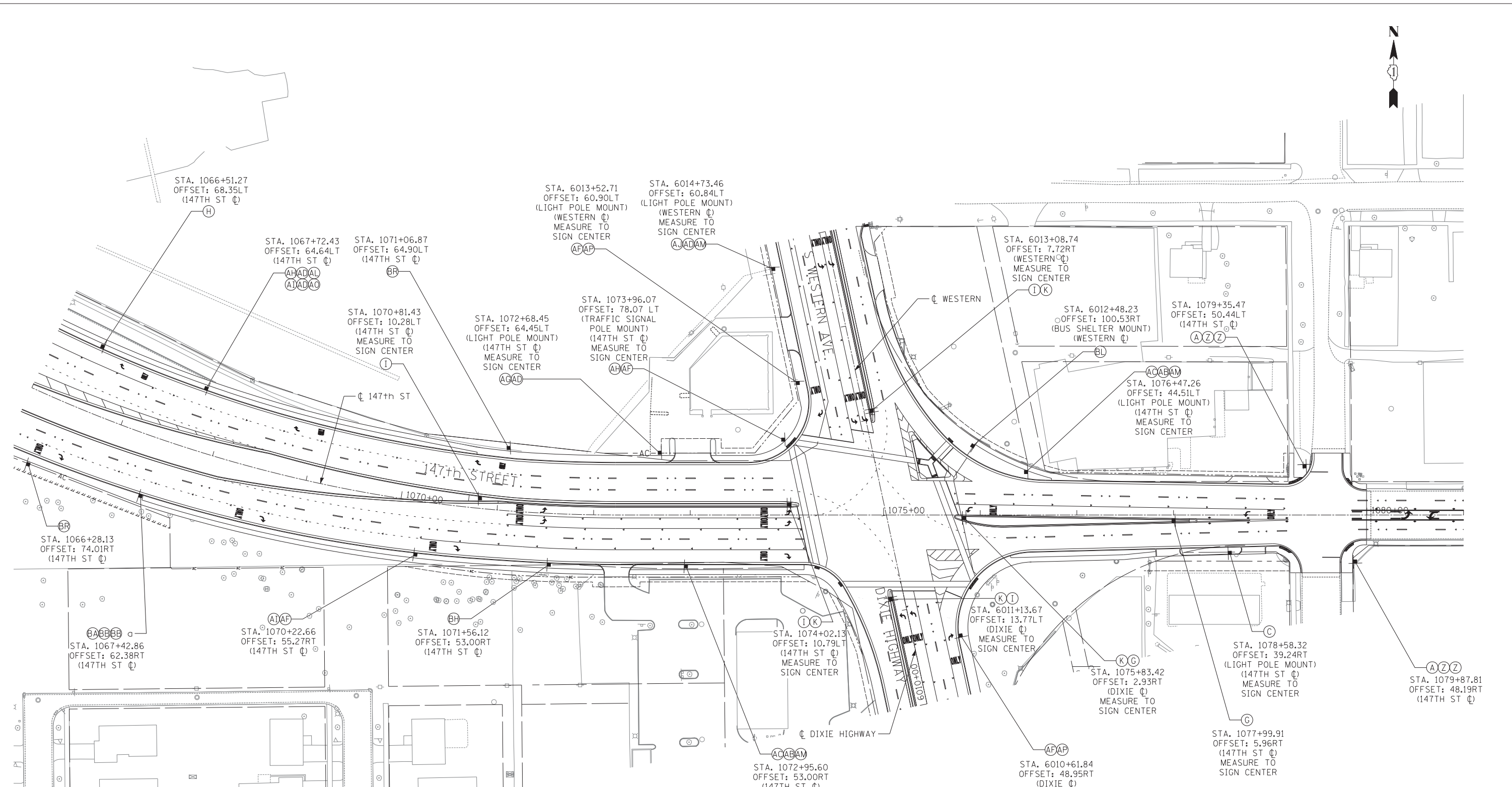
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	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1"=50' SHEET NO. 5 OF 9 SHEETS STA. 1052+00 TO STA. 1066+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	352
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

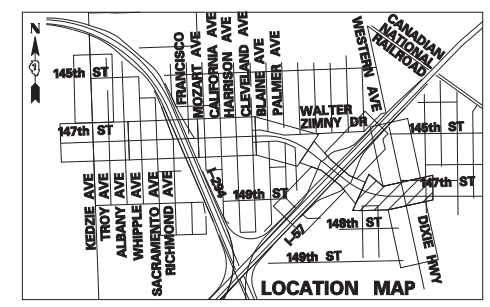
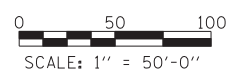


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- OFFSET: XX.X RT/LT INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE, IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



TYLIN INTERNATIONAL

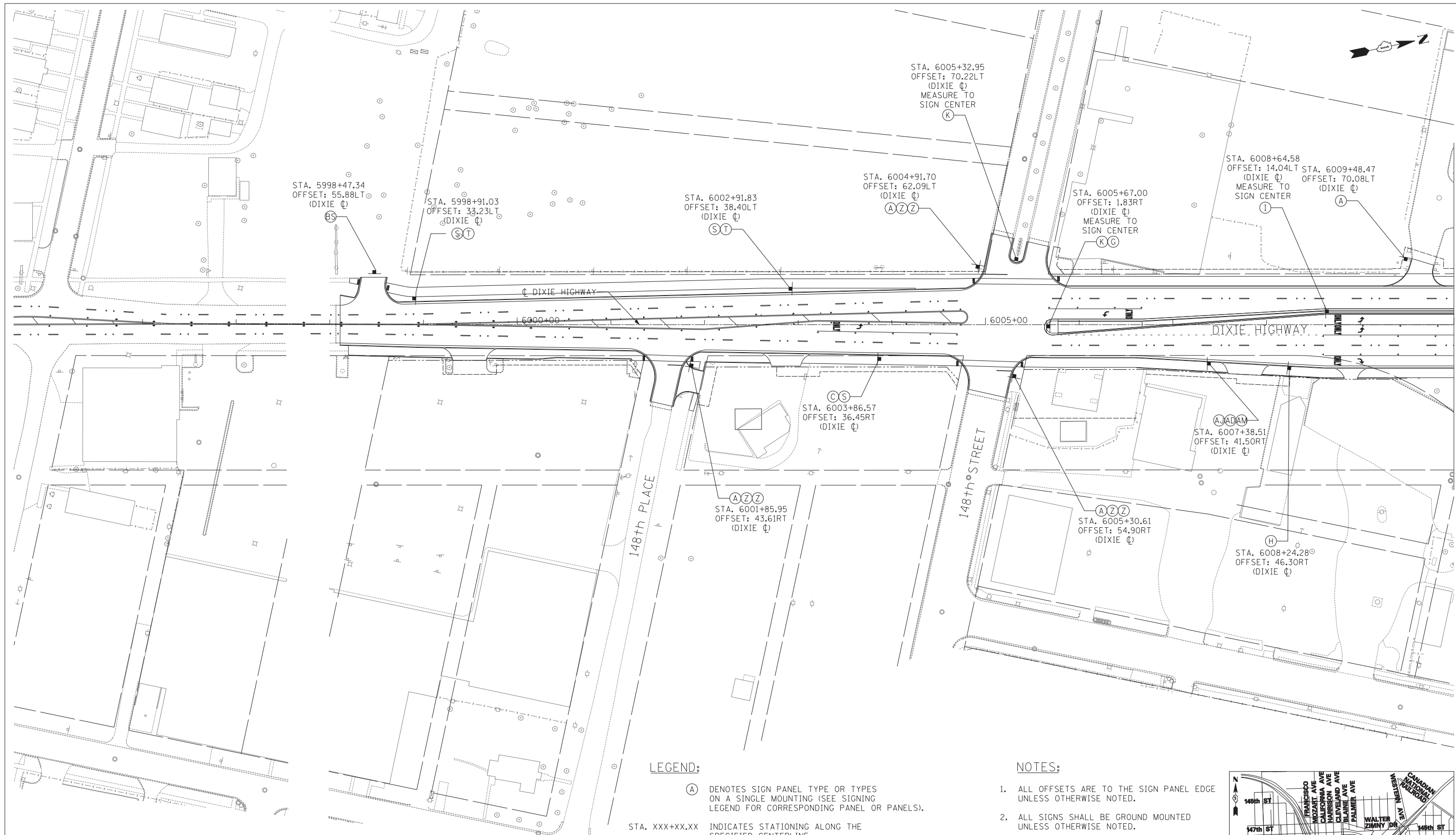
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PLOT SCALE =	DRAWN - BES	REVISED -
PLOT DATE =	CHECKED - JPM	REVISED -
	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: 1" = 50' SHEET NO. 6 OF 9 SHEETS STA. 1066+00 TO STA. 1081+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	353
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

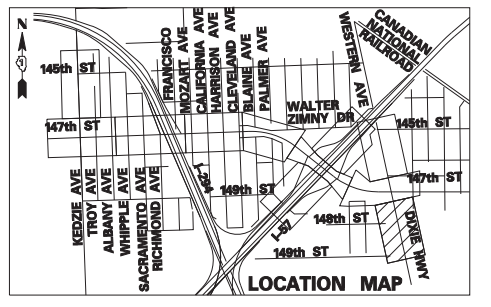
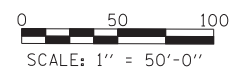


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- OFFSET: XX.X RT/LT INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE. IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST ☐) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



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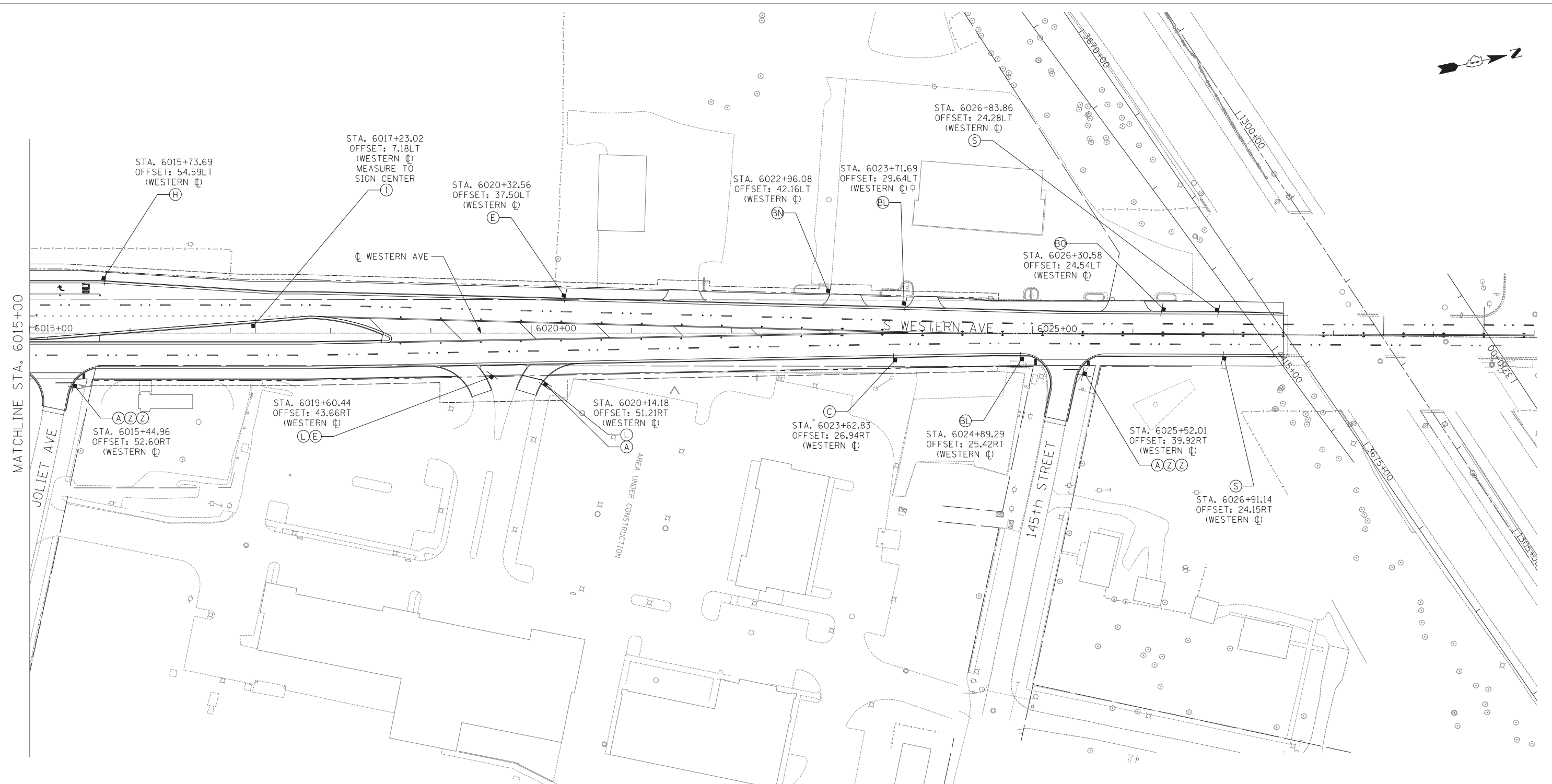
USER NAME =	DESIGNED - BES	REVISED -
	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: SHEET NO. 7 OF 9 SHEETS STA. 5998+00 TO STA. 6010+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	354
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

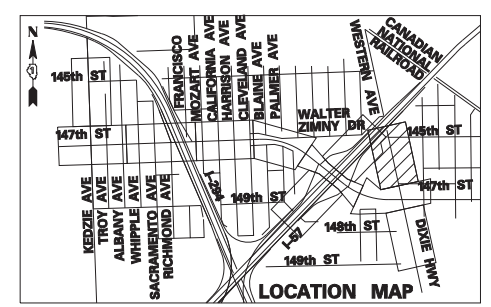
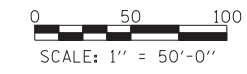


LEGEND:

- (A) DENOTES SIGN PANEL TYPE OR TYPES ON A SINGLE MOUNTING (SEE SIGNING LEGEND FOR CORRESPONDING PANEL OR PANELS).
- STA. XXX+XX.XX INDICATES STATIONING ALONG THE SPECIFIED CENTERLINE.
- OFFSET: XX.X RT/LT INDICATES OFFSET FROM THE SPECIFIED CENTERLINE.
- (SIGNAL POST MOUNT) INDICATES MOUNTING TYPE, IF IT IS NOT DENOTED, THE PANEL IS GROUND MOUNTED.
- (147TH ST Φ) DENOTES THE ALIGNMENT BEING USED FOR STATIONING AND OFFSET.

NOTES:

1. ALL OFFSETS ARE TO THE SIGN PANEL EDGE UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE GROUND MOUNTED UNLESS OTHERWISE NOTED.
3. FOR ALL STANDARD SIGNS, SEE THE SIGNING LEGEND FOR SIGN DIMENSIONS.



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USER NAME =	DESIGNED - BES	REVISED -
	DRAWN - BES	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
SIGNING PLAN**

SCALE: SHEET NO. 8 OF 9 SHEETS STA. 6015+00 TO STA. 6028+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	355
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC (S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLANS OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

GENERAL CONSTRUCTION NOTES:

INTERSECTION OF 147TH ST AND KEDZIE AVE:

1. TEMPORARY SPLICED INTERCONNECT FROM HOMAN AVE AND TEMPORARY RADIO INTERCONNECT TO SACRAMENTO AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND SACRAMENTO AVE:

1. TEMPORARY RADIO INTERCONNECT FROM KEDZIE AVE AND TO HARRISON AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND HARRISON AVE:

1. TEMPORARY RADIO INTERCONNECT FROM SACRAMENTO AVE AND TEMPORARY INTERCONNECT TO CLEVELAND AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND CLEVELAND AVE:

1. TEMPORARY INTERCONNECT FROM HARRISON AVE TO SB I-57 RAMPS E AND F SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND SB I-57 RAMPS E AND F:

1. TEMPORARY INTERCONNECT FROM CLEVELAND AVE TO NB I-57 RAMPS J AND K SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND NB I-57 RAMPS J AND K:

1. TEMPORARY INTERCONNECT FROM SB I-57 RAMPS E AND F TO DIXIE HWY/WESTERN AVE SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

INTERSECTION OF 147TH ST AND DIXIE HWY/WESTERN AVE:

1. TEMPORARY INTERCONNECT FROM NB I-57 RAMPS J AND K AND TEMPORARY SPLICED INTERCONNECT TO ROBEY ST SHALL NOT BE REMOVED UNTIL THE PROPOSED INTERCONNECT SYSTEM HAS BEEN INSTALLED.

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	DRAWN -	REVISED -
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PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT			
TEMPORARY TRAFFIC SIGNAL GENERAL NOTES AND GENERAL CONSTRUCTION NOTES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	357
CONTRACT NO.			60M57	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

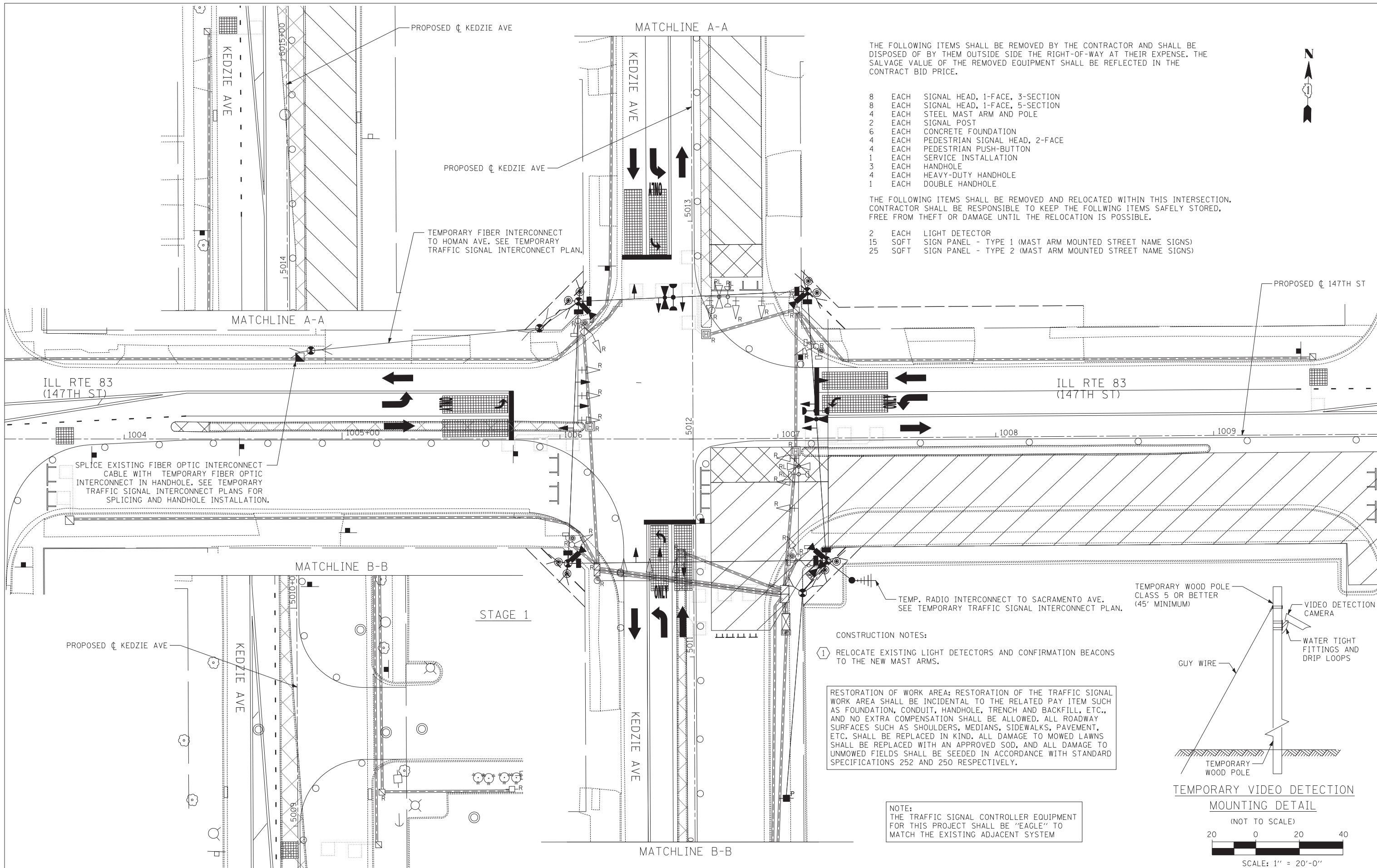
ITEM DESCRIPTION	UNIT	147TH ST/ KEDZIE AVE		147TH ST/ SACRAMENTO ST		147TH ST/ HARRISON ST		147TH ST/ CLEVELAND ST		147TH ST/ I-57 SB RAMP		147TH ST/ I-57 NB RAMP		147TH ST/ DIXIE HWY/ WESTERN AVE		INTERCONNECT	TOTAL				
		IDOT	MIDL.	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	HARVEY		IDOT	MIDL.	POSEN	HARVEY	
SIGN PANEL - TYPE 1	SOFT									23		23		60				106			
REMOVE SIGN PANEL - TYPE 1	SOFT	15				16	2											31		2	
REMOVE SIGN PANEL - TYPE 2	SOFT	25		53		22	3	40	5	13		13		58				224		8	
RELOCATE SIGN PANEL - TYPE 1	SOFT	15				16	2											31		2	
RELOCATE SIGN PANEL - TYPE 2	SOFT	25		53		22	3	40	5	13		13		58				224		8	
SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1						1		1						4			
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	771				276	31	310	34	798		1177		1828		4129		5160		65	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	46				21	2			307		146		25				545		2	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	71				40	4	27	3	209		208		75				630		7	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	433				148	16	198	22	665		588		644				2676		38	
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT															152					
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 8"	EACH															2					
HANDHOLE	EACH	3				1.8	0.2	2.7	0.3	7		5		8		10		27.5		0.5	
HEAVY-DUTY HANDHOLE	EACH	4				1.8	0.2	1.8	0.2	1		3		4				15.6		0.4	
DOUBLE HANDHOLE	EACH	1				0.9	0.1	0.9	0.1	2		2		3				9.8		0.2	
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH			1														1			
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT															9188					
SPAN WIRE	FOOT			406														406			
TETHER WIRE	FOOT			288														288			
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT															9032					
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1308				1022	114	929	103	1038		1358		1931				7586		217	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1364	355			1192	263	1088	261	1080	824	1400	757	2001	474			8125	355	2105	474
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1666				1504	167	1456	162	4150		3807		4892				17475		329	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1695				599	67	574	64	97		595		1739				5299		131	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5088				2408	268	2450	272	6949		4726		9251				30872		540	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	84				187	21	119	13	140		429		319				1278		34	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1106				651	72	521	58	2214		2091		1170				7753		130	
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT			854														854			
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT			826	127													826		127	
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT			1254														1254			
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2 C	FOOT			146														146			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH									2		2						4			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH									3		3						6			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2								1		1		1				4			
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH											1						1			
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH					0.9	0.1											0.9		0.1	
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH							0.9	0.1			1						1.9		0.1	
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH							0.9	0.1									0.9		0.1	
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1												1				2			
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH							0.9	0.1	1								1.9		0.1	
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1																1			
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH												1					1			
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH									1								1			
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH									1								1			
STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH												1					1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 62 FT.	EACH													1				1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 30 FT.	EACH	1																1			
CONCRETE FOUNDATION, TYPE A	FOOT	8				3.6	0.4			24		20		4				59.6		0.4	
CONCRETE FOUNDATION, TYPE C	FOOT									4		4		4				12			
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT					24	3	24	3			10						58		6	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54				12	1	23	3	13		26		13				141		4	
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT									42		25		74				141			
DRILL EXISTING HANDHOLE	EACH	11				10	1	6	1							2		27		2	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8								10		10		14				42			
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH									6		7		3				16			
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2								1		1		2				6			
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6										1						7			
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH									4		4						8			
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4						1		1						10			
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	14		12						10		11		20				67			
INDUCTIVE LOOP DETECTOR	EACH	16				7.2	0.8	7.2	0.8	15		14		24				83.4		1.6	
LIGHT DETECTOR	EACH				2						3		3							8	
LIGHT DETECTOR AMPLIFIER	EACH				1						1		1							3	
PEDESTRIAN PUSH-BUTTON	EACH	8		8		7.2	0.8	7.2	0.8	6		6		10				52.4		1.6	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				0.9	0.1	0.9	0.1	1		1		1				5.8		0.2	
RELOCATE EXISTING SIGNAL HEAD	EACH					9	1	12.6	1.4					6				27.6		2.4	

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

ITEM DESCRIPTION	UNIT	147TH ST/ KEDZIE AVE		147TH ST/ SACRAMENTO ST		147TH ST/ HARRISON ST		147TH ST/ CLEVELAND ST		147TH ST/ I-57 SB RAMP		147TH ST/ I-57 NB RAMP		147TH ST/ DIXIE HWY/ WESTERN AVE		INTERCONNECT	TOTAL				
		IDOT	MIDL.	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	POSEN	IDOT	HARVEY		IDOT	MIDL.	POSEN	HARVEY	
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH					7.2	0.8	7.2	0.8					5				19.4		1.6	
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH									1		1		1				3			
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH					0.9	0.1											0.9		0.1	
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH									1		1		1				3			
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH					1.8	0.2	0.9	0.1									2.7		0.3	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		0.9	0.1	0.9	0.1	1		1		1				6.8		0.2	
REMOVE EXISTING HANDHOLE	EACH	7		5		4.5	0.5	5.4	0.6	7		7		12				47.9		1.1	
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1						1		1		3				7			
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6		9		3.6	0.4	3.6	0.4	6		6		8				42.2		0.8	
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH															7					
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1		0.9	0.1	0.9	0.1	1		1		1				6.8		0.2	
RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL	EACH			1														1			
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT		355				263		261		824		757		474				355	2105	474
TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH			4														4			
VIDEO DETECTION SYSTEM	EACH			1														1			
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH			1														1			
ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED	FOOT				127															127	
SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH			12														12			
TEMPORARY TRAFFIC SIGNAL INTERCONNECTION SYSTEM	L SUM																1				
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH		2				1		2					2					2	3	2
RELOCATE EXISTING RADIO INTERCONNECT SYSTEM	EACH																2				
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 34 FT.	EACH	1																1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 65 FT. AND 40 FT.	EACH													1				1			
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 66 FT. AND 42 FT.	EACH													1				1			

TRAFFIC SIGNAL SUMMARY OF QUANTITIES FOR ALTERNATE PAVEMENT

ITEM DESCRIPTION	UNIT	147TH ST/ KEDZIE AVE		147TH ST/ SACRAMENTO ST		147TH ST/ HARRISON ST		147TH ST/ CLEVELAND ST		147TH ST/ I-57 SB RAMP		147TH ST/ I-57 NB RAMP		147TH ST/ DIXIE HWY/ WESTERN AVE		TOTAL	
		ALT A	ALT B	ALT A	ALT B	ALT A	ALT B	ALT A	ALT B	ALT A	ALT B	ALT A	ALT B	ALT A	ALT B	ALT A	ALT B
DETECTOR LOOP, TYPE I	FOOT		661				585		585		476		311		1163		3781
PREFORMED DETECTOR LOOP	FOOT	727	66				585		585	785	309	722	411	1163		4567	786



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE SIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 8 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 4 EACH STEEL MAST ARM AND POLE
- 2 EACH SIGNAL POST
- 6 EACH CONCRETE FOUNDATION
- 4 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 3 EACH HANDHOLE
- 4 EACH HEAVY-DUTY HANDHOLE
- 1 EACH DOUBLE HANDHOLE

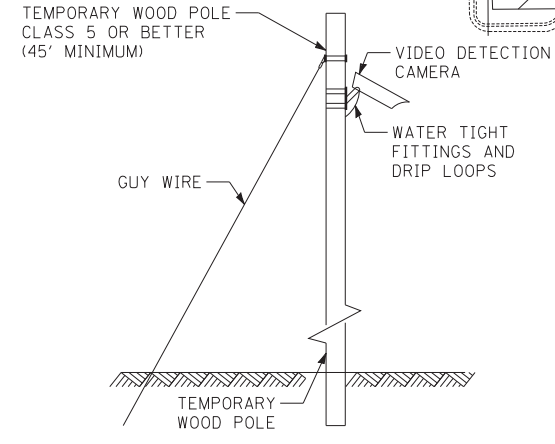
THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE UNTIL THE RELOCATION IS POSSIBLE.

- 2 EACH LIGHT DETECTOR
- 15 SOFT SIGN PANEL - TYPE 1 (MAST ARM MOUNTED STREET NAME SIGNS)
- 25 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)

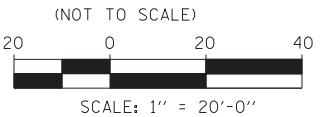
CONSTRUCTION NOTES:
 1 RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACONS TO THE NEW MAST ARMS.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM



TEMPORARY VIDEO DETECTION MOUNTING DETAIL



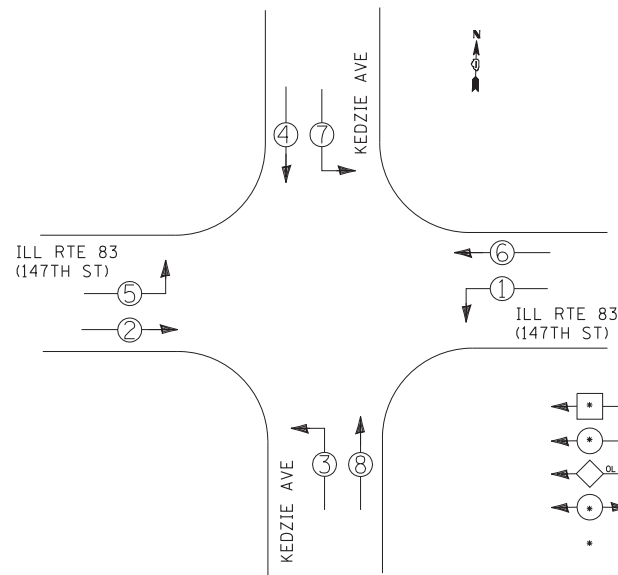
TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
	PLOT SCALE =	DRAWN - MBR	REVISED -
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN ILL RTE 83 (147TH STREET) AND KEDZIE AVE			
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	360
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57

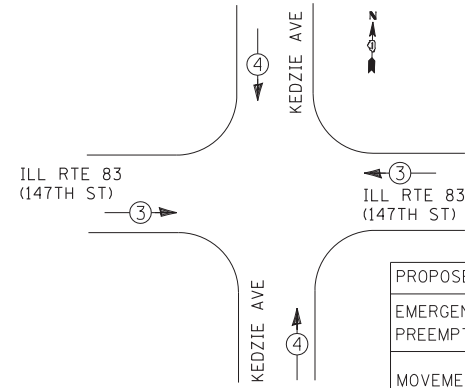
TEMPORARY CONTROLLER SEQUENCE



- LEGEND**
- ◻ SINGLE ENTRY PHASE
 - ◐ DUAL ENTRY PHASE
 - ◊ OVERLAP
 - ◑ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	16		12	0.10	19.2
PED. SIGNAL	0		25	1.00	0.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 491.2

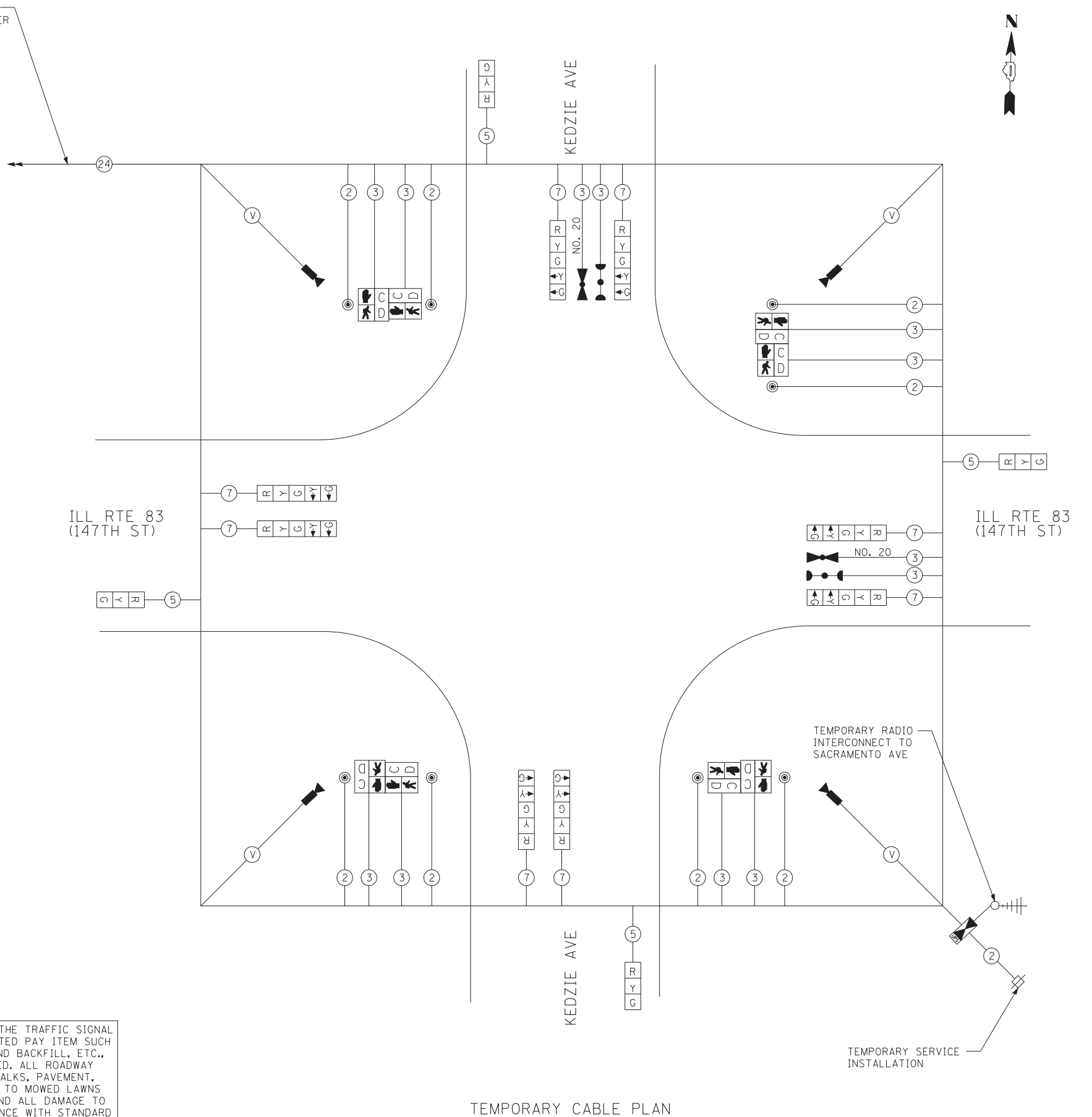
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NO. 62.5/125 MM12F & SM12F TEMPORARY FIBER OPTIC INTERCONNECT CABLE TO HOMAN AVE



TEMPORARY CABLE PLAN

TYLIN INTERNATIONAL

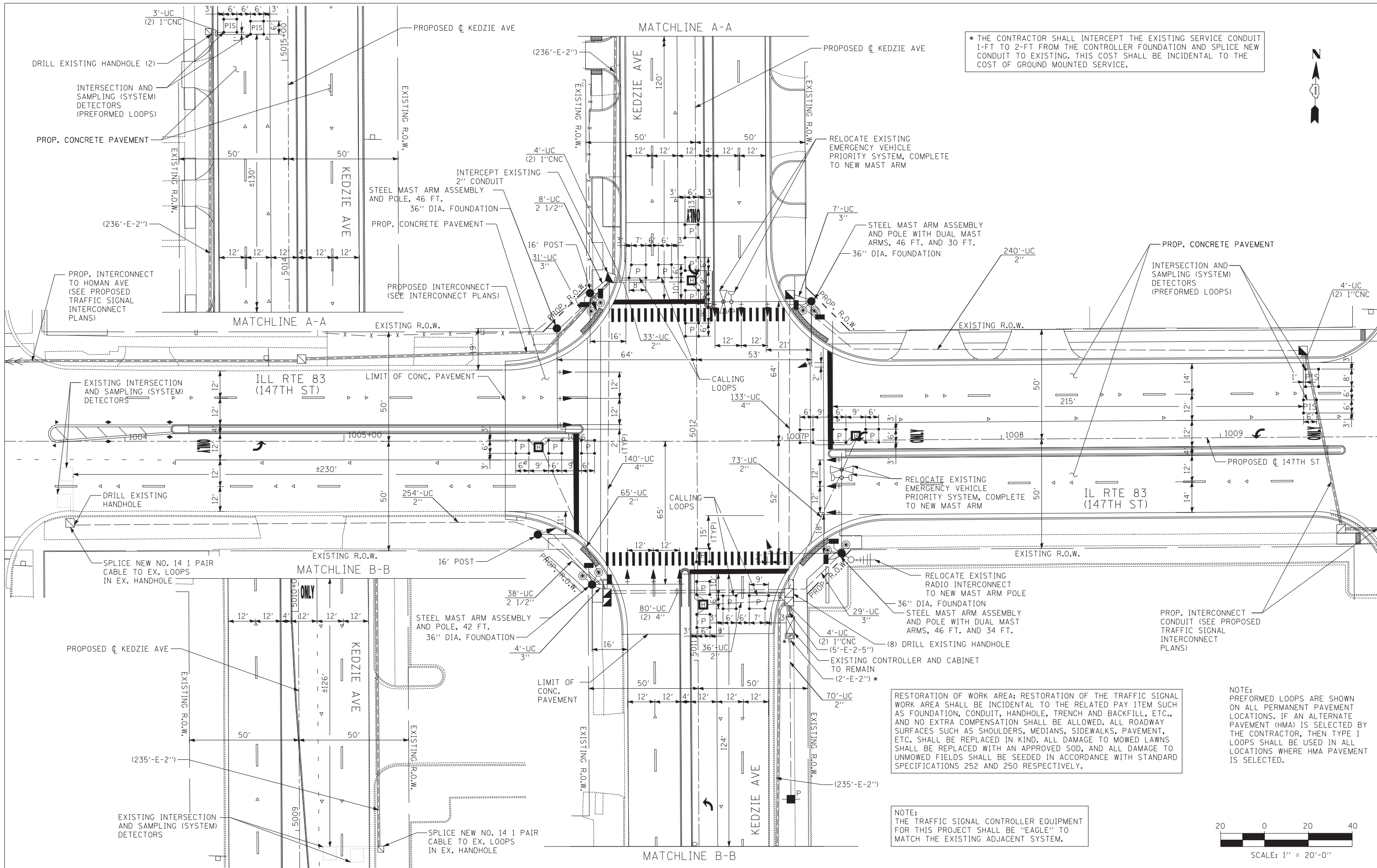
USER NAME =	DESIGNED - MBR	REVISED -
PLOT SCALE =	DRAWN - MBR	REVISED -
PLOT DATE =	CHECKED - DAJ	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET) AND KEDZIE AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	361
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

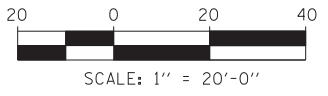
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.



* THE CONTRACTOR SHALL INTERCEPT THE EXISTING SERVICE CONDUIT 1-FT TO 2-FT FROM THE CONTROLLER FOUNDATION AND SPLICE NEW CONDUIT TO EXISTING. THIS COST SHALL BE INCIDENTAL TO THE COST OF GROUND MOUNTED SERVICE.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDD IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISIONS -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

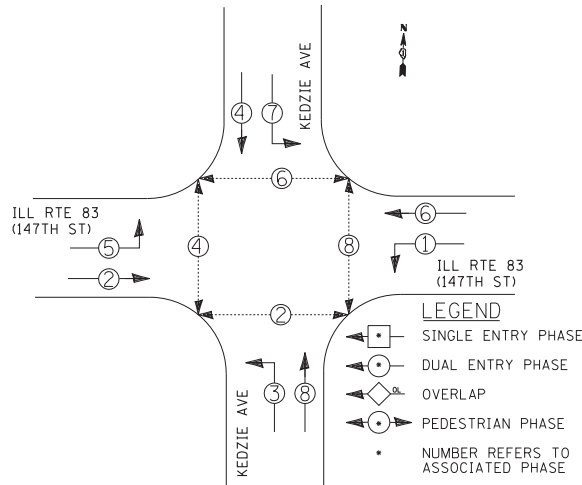
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TRAFFIC SIGNAL MODERNIZATION PLAN
ILL RTE 83 (147TH STREET) AND KEDZIE AVE**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEET STA. TO STA.

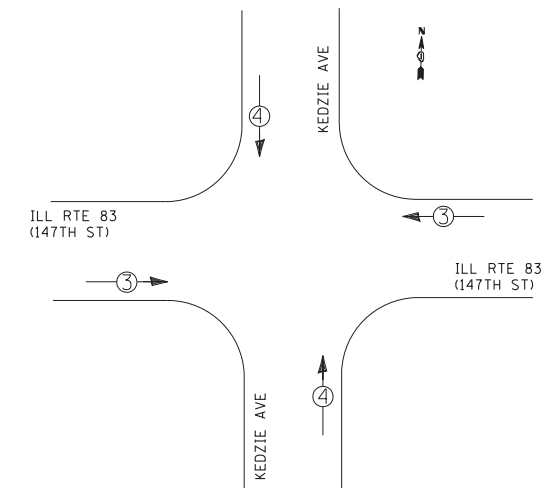
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	362
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	16		15	0.25	60.0
ARROW	16		12	0.10	19.2
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 615.2

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS SERVICES AT (866) 639-3532
COMPANY: COMED

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T. MIDLOTHIAN
REMOVE SIGN PANEL - TYPE 1	SOFT	15
REMOVE SIGN PANEL - TYPE 2	SOFT	25
RELOCATE SIGN PANEL - TYPE 1	SOFT	15
RELOCATE SIGN PANEL - TYPE 2	SOFT	25
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	771
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	46
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	71
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	433
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1364
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1666
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1695
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5088
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	84
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	1106
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1106
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 30 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE E	FOOT	54
36-INCH DIAMETER DRILL EXISTING HANDHOLE	EACH	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	0
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	14
INDUCTIVE LOOP DETECTOR	EACH	16
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	7
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM	FOOT	--
LINE SENSOR CABLE, NO. 20 3/C	EACH	--
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 34 FT.	EACH	1

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT	--	661
PERFORMED DETECTOR LOOP	FOOT	727	66

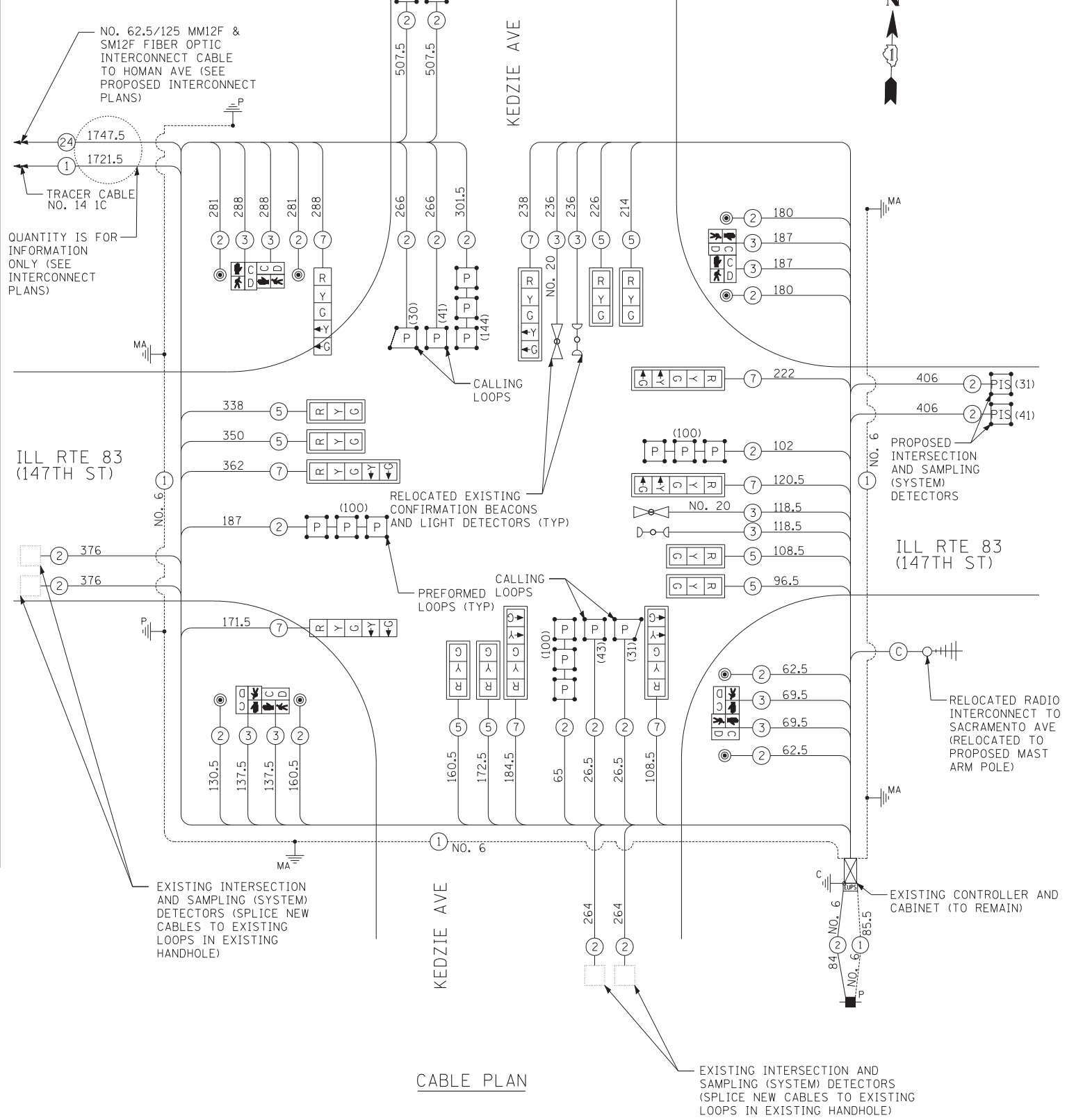
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: PERFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS (SPlice NEW CABLES TO EXISTING LOOPS IN EXISTING HANDHOLE)



CABLE PLAN

USER NAME	DESIGNED	REVISION
JDF	JDF	-
JDF	JDF	-
JPM	JPM	-
5/23/2012	5/23/2012	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL. RTE 83 (147TH STREET) AND KEDZIE AVE

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	363
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE SIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH TRAFFIC SIGNAL CONTROLLER
- 12 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 2 EACH ALUMINUM MAST ARM AND POLE
- 6 EACH SIGNAL POST
- 4 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 5 EACH HANDHOLE
- 1 EACH DOUBLE HANDHOLE

THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE UNTIL THE RELOCATION TO SPAN WIRE IS POSSIBLE.

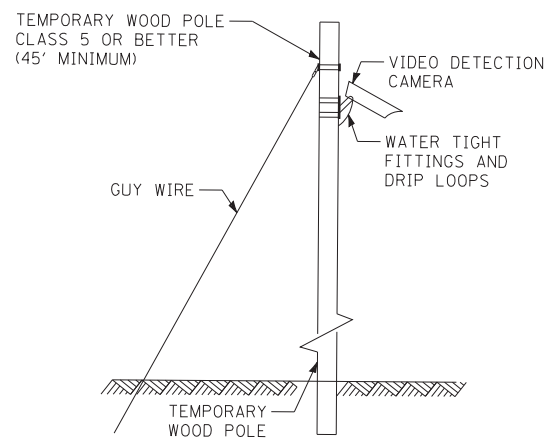
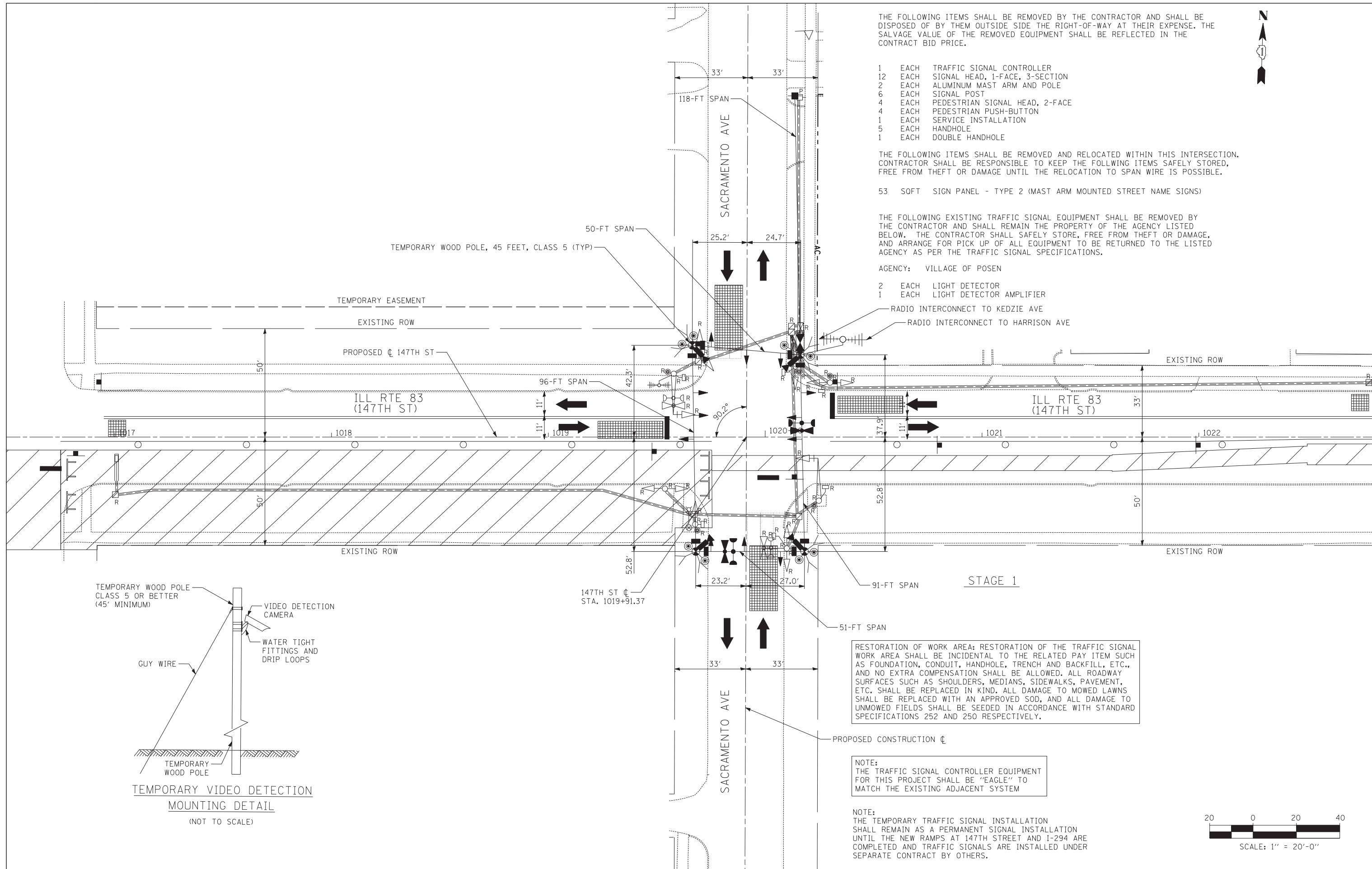
- 53 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE, FREE FROM THEFT OR DAMAGE, AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF POSEN

- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

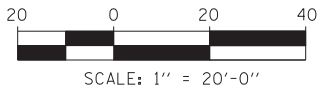
RADIO INTERCONNECT TO KEDZIE AVE
RADIO INTERCONNECT TO HARRISON AVE



RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

NOTE:
THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL REMAIN AS A PERMANENT SIGNAL INSTALLATION UNTIL THE NEW RAMPS AT 147TH STREET AND I-294 ARE COMPLETED AND TRAFFIC SIGNALS ARE INSTALLED UNDER SEPARATE CONTRACT BY OTHERS.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

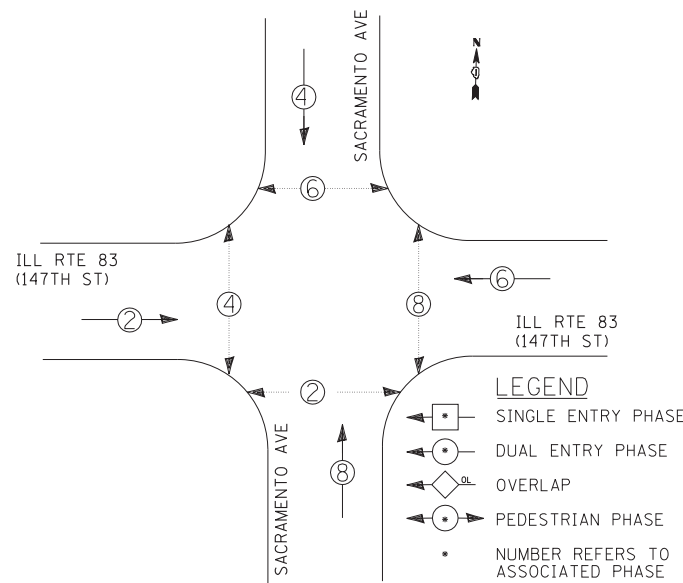
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PERMANENT TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
ILL RTE 83 (147TH STREET) AND SACRAMENTO AVE**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEET STA. TO STA.

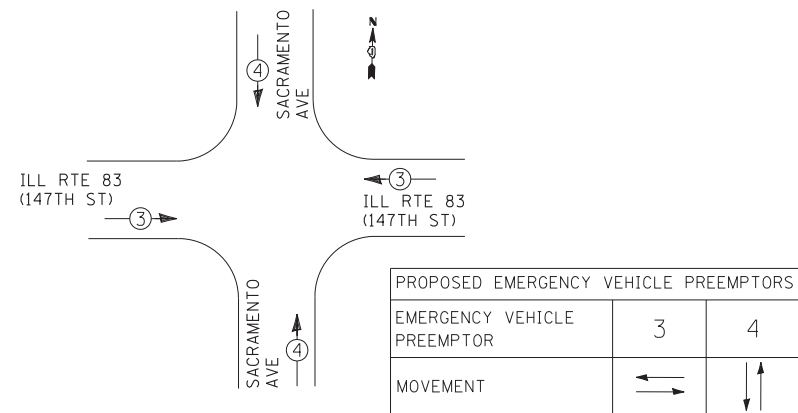
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	364
CONTRACT NO.			60M57	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE



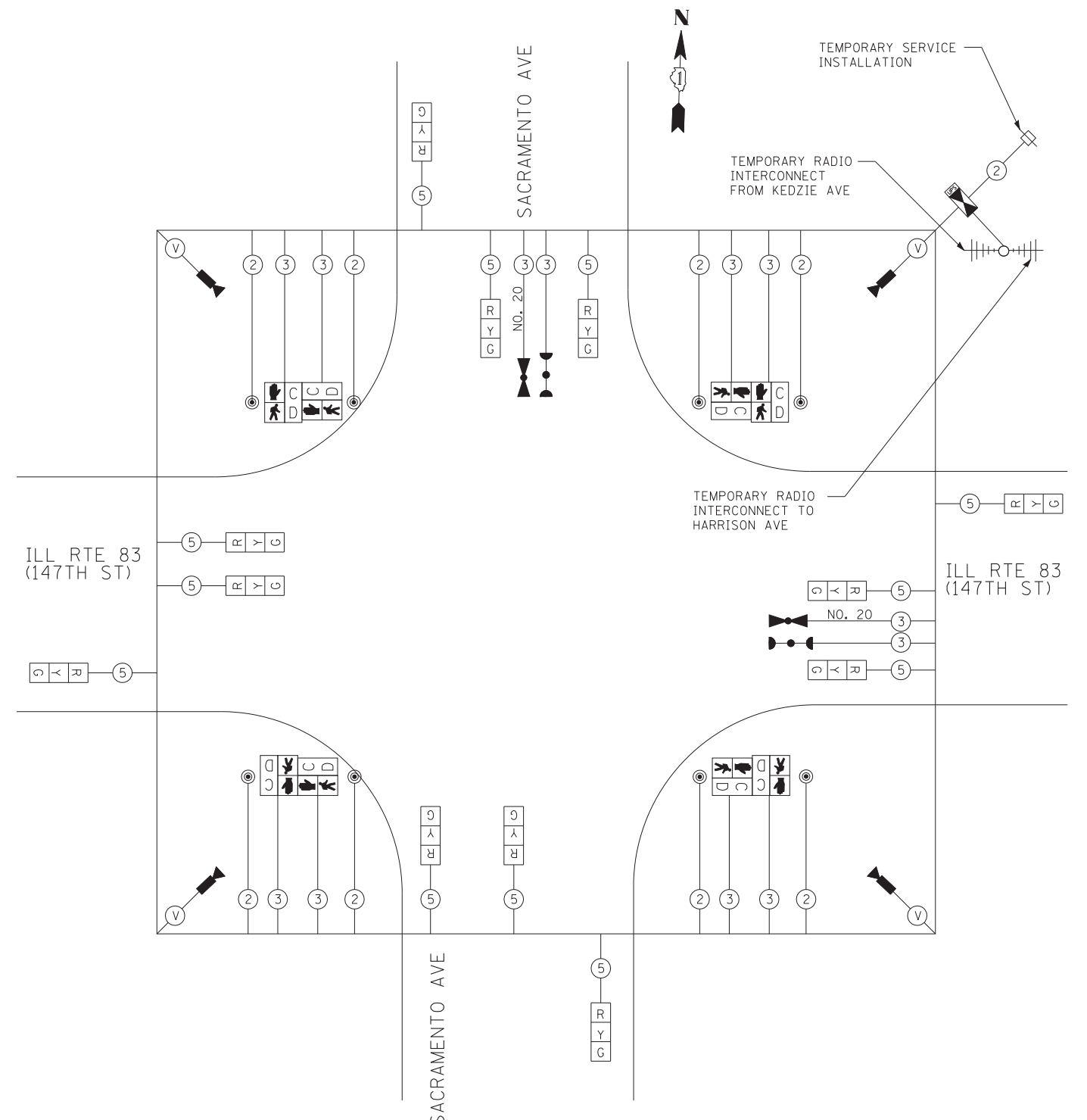
TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T.	POSEN
REMOVE SIGN PANEL - TYPE 2	SOFT	53	
RELOCATE SIGN PANEL - TYPE 2	SOFT	53	
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1	
SPAN WIRE	FOOT	406	
TETHER WIRE	FOOT	288	
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	854	
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	826	127
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	1254	
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2 C	FOOT	146	
PEDESTRIAN SIGNAL HEAD, LED, 2*FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	12	
LIGHT DETECTOR	EACH	2	
LIGHT DETECTOR AMPLIFIER	EACH	1	
PEDESTRIAN PUSH-BUTTON	EACH	8	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
REMOVE EXISTING HANDHOLE	EACH	5	
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	
RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL	EACH	1	
TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH	4	
VIDEO DETECTION SYSTEM	EACH	1	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	
ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED	FOOT	--	127
SIGNAL HEAD ,LED, 1*FACE, 3*SECTION, SPAN WIRE MOUNTED	EACH	12	



PERMANENT TEMPORARY CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	0		12	0.10	0.0
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 672.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
	PLOT SCALE =	DRAWN - MBR	REVISED -
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
PERMANENT TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL. RTE 83 (147TH STREET) AND SACRAMENTO AVE

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

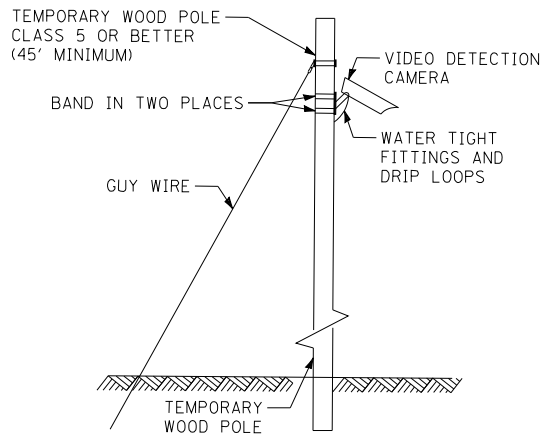
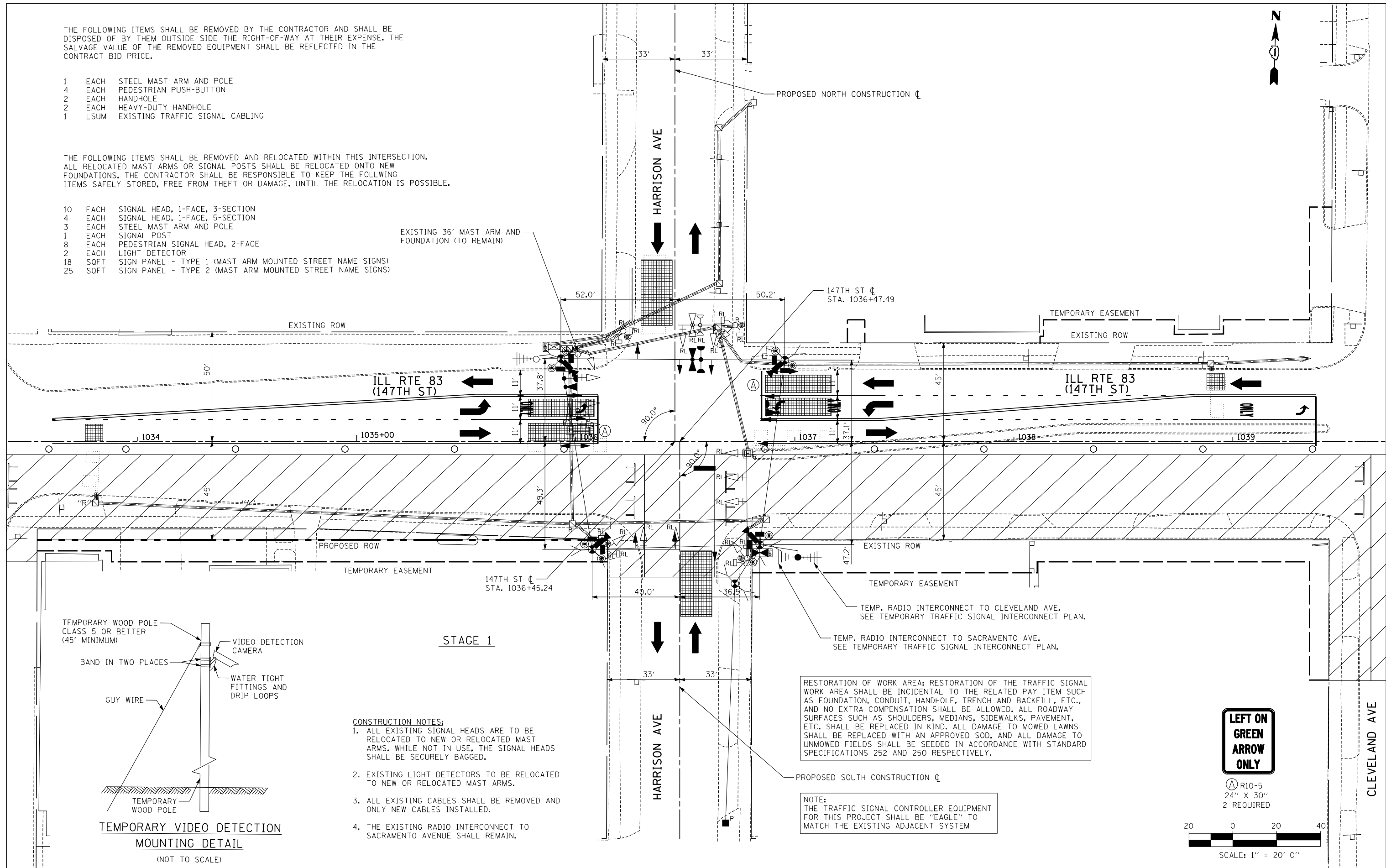
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	365
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE SIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH STEEL MAST ARM AND POLE
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH HANDHOLE
- 2 EACH HEAVY-DUTY HANDHOLE
- 1 LSUM EXISTING TRAFFIC SIGNAL CABLING

THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. ALL RELOCATED MAST ARMS OR SIGNAL POSTS SHALL BE RELOCATED ONTO NEW FOUNDATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE, UNTIL THE RELOCATION IS POSSIBLE.

- 10 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 3 EACH STEEL MAST ARM AND POLE
- 1 EACH SIGNAL POST
- 8 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 2 EACH LIGHT DETECTOR
- 18 SOFT SIGN PANEL - TYPE 1 (MAST ARM MOUNTED STREET NAME SIGNS)
- 25 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)



STAGE 1

CONSTRUCTION NOTES:

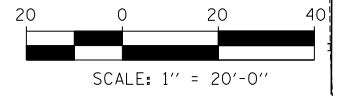
1. ALL EXISTING SIGNAL HEADS ARE TO BE RELOCATED TO NEW OR RELOCATED MAST ARMS. WHILE NOT IN USE, THE SIGNAL HEADS SHALL BE SECURELY BAGGED.
2. EXISTING LIGHT DETECTORS TO BE RELOCATED TO NEW OR RELOCATED MAST ARMS.
3. ALL EXISTING CABLES SHALL BE REMOVED AND ONLY NEW CABLES INSTALLED.
4. THE EXISTING RADIO INTERCONNECT TO SACRAMENTO AVENUE SHALL REMAIN.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

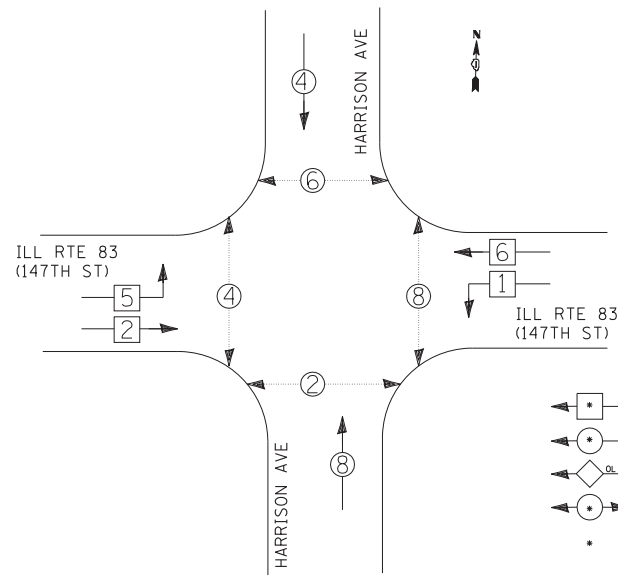


(A) R10-5
24" X 30"
2 REQUIRED



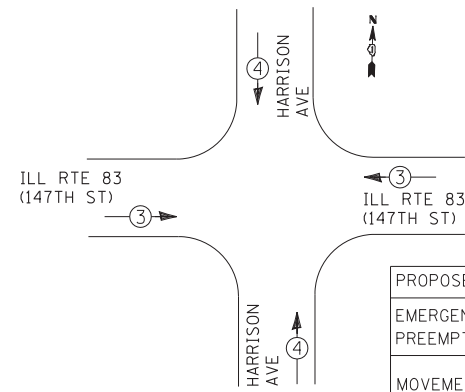
TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	147TH STREET PROJECT TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN ILL RTE 83 (147TH STREET) AND HARRISON AVE			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - MBR	REVISED -		XX	(0405-1 & 0506-2) R-1	COOK	577	366			
	PLOT DATE =	CHECKED - DAJ	REVISED -		CONTRACT NO. 60M57				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		DATE - 5/23/2012	REVISED - 8/1/2012		SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.				

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↕	←

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	12		12	0.10	14.4
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 686.4

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
 PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
 COMPANY: COMED SERVICES AT (866) 639-3532

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

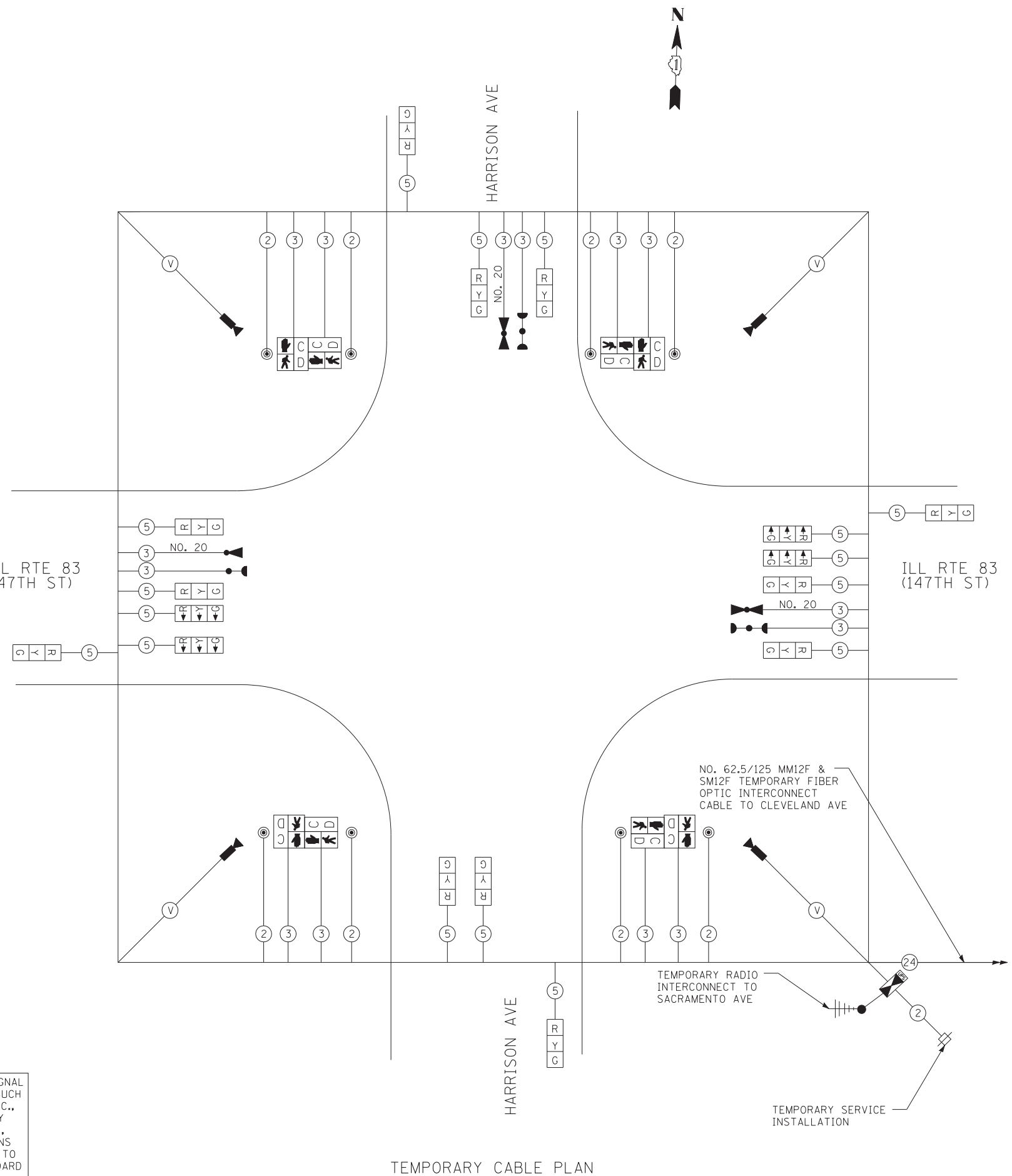
TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
PLOT SCALE =	DRAWN - MBR	REVISED -
PLOT DATE =	CHECKED - MBR	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

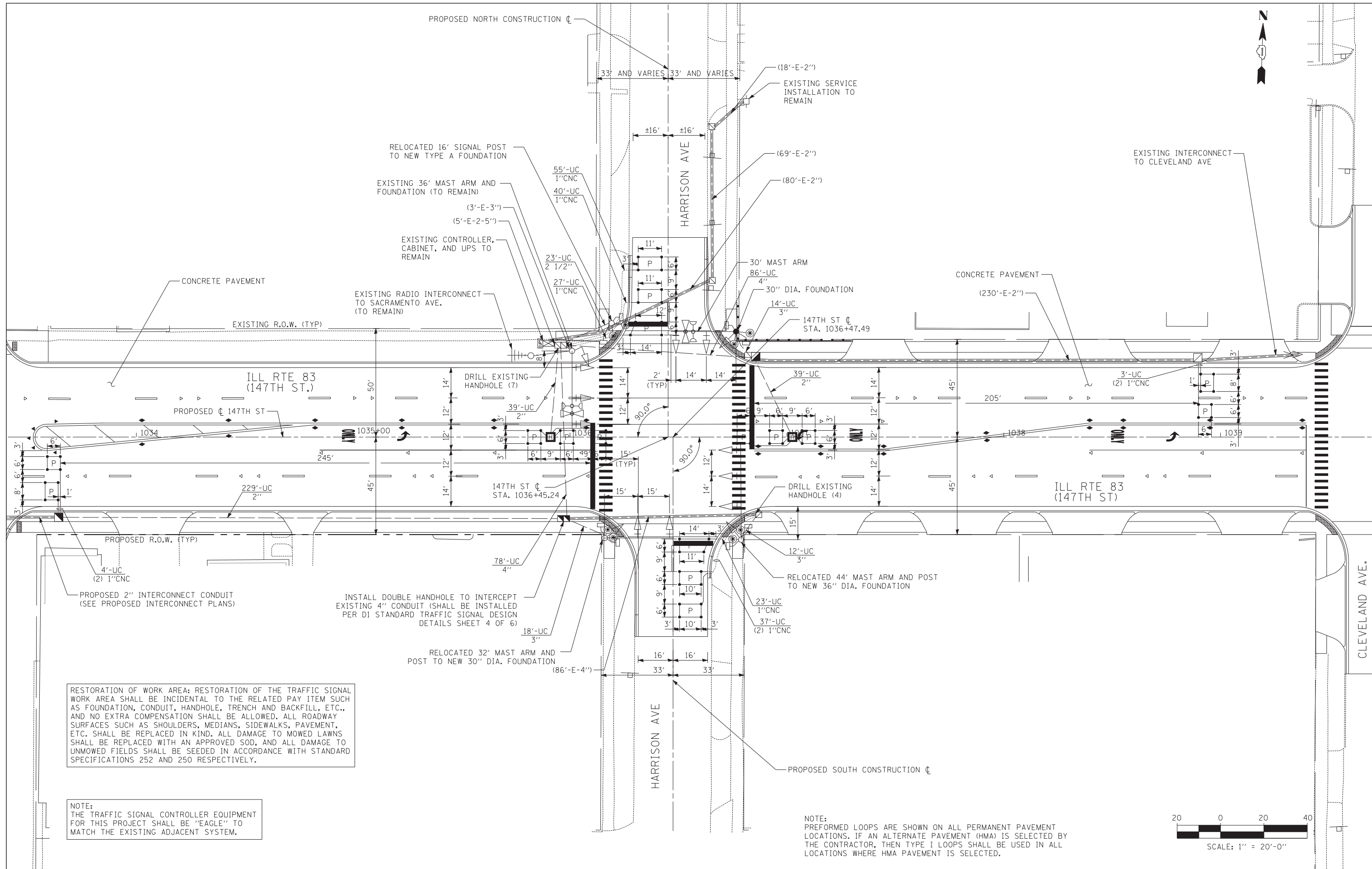
147TH STREET PROJECT
 TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
 TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 ILL RTE 83 (147TH STREET) AND HARRISON AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	367
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



TEMPORARY CABLE PLAN

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.



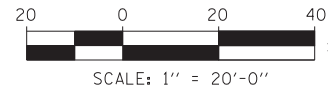
P:\602540(57-294)\road\p10_147th\PI0_TS_HAR_SHT03.dgn

8/29/12 AM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE:
PERFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



TYLIN INTERNATIONAL

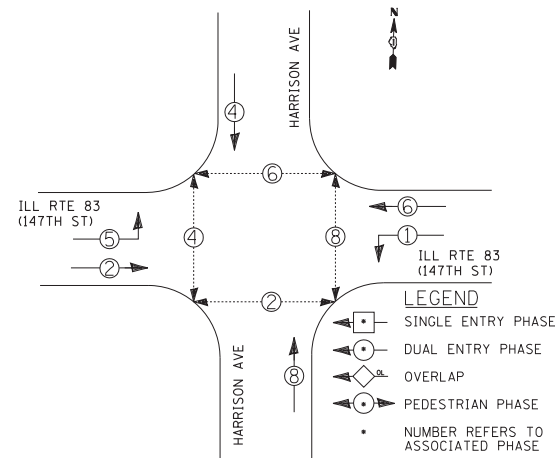
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	DRAWN - JDF	REVISED -
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT TRAFFIC SIGNAL MODERNIZATION PLAN ILL RTE 83 (147TH STREET) AND HARRISON AVE			
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEET	STA. TO STA.	

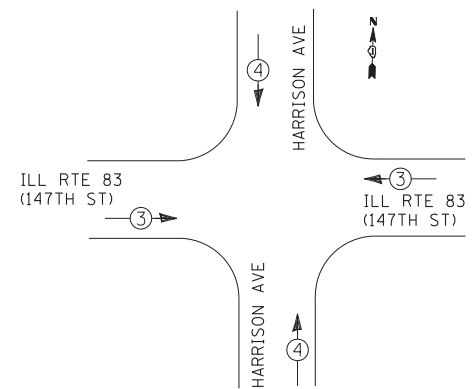
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	368
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T.	POSEN
REMOVE SIGN PANEL - TYPE 1	SOFT	18	
REMOVE SIGN PANEL - TYPE 2	SOFT	25	
RELOCATE SIGN PANEL - TYPE 1	SOFT	18	
RELOCATE SIGN PANEL - TYPE 2	SOFT	25	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	307	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	23	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	44	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	164	
HANDHOLE	EACH	3	
HEAVY-DUTY HANDHOLE	EACH	2	
DOUBLE HANDHOLE	EACH	1	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1136	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1192	263
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1671	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	666	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2676	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	208	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	723	
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1	
CONCRETE FOUNDATION, TYPE A	FOOT	4	
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13	
DRILL EXISTING HANDHOLE	EACH	11	
INDUCTIVE LOOP DETECTOR	EACH	8	
PEDESTRIAN PUSH-BUTTON	EACH	8	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
RELOCATE EXISTING SIGNAL HEAD	EACH	10	
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	8	
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	2	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
REMOVE EXISTING HANDHOLE	EACH	5	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	
EMERGENCY VEHICLE PRIORITY SYSTEM	FOOT	--	263
LINE SENSOR CABLE, NO. 20 3/C	FOOT	--	
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	--	1

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT		585
PREFORMED DETECTOR LOOP	FOOT		585

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119.0
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	8		12	0.10	9.6
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	-		25	0.05	-
FLASHER				0.05	0.0

ENERGY COSTS TO: TOTAL = 568.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

NOTE:
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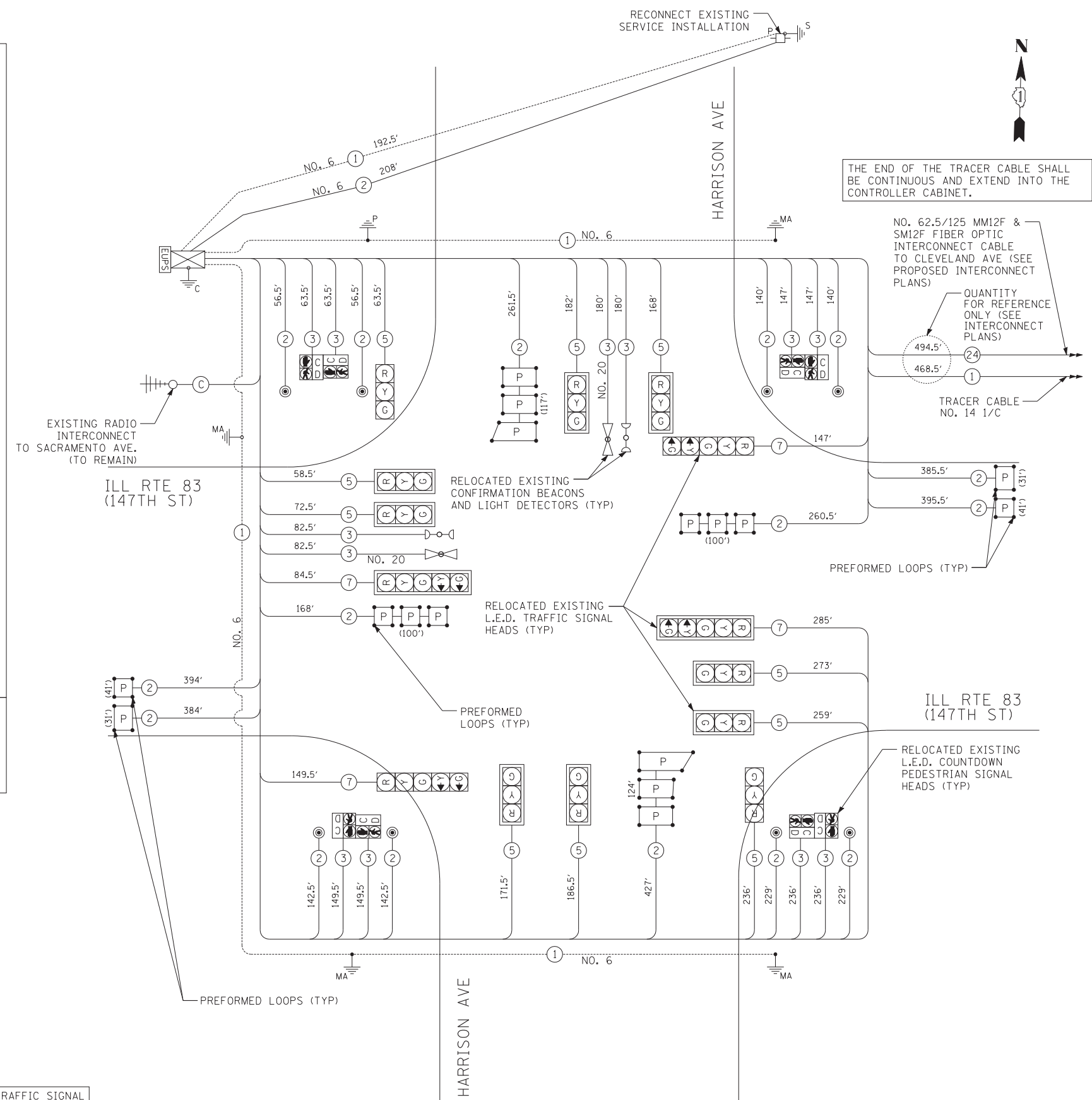
RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

147TH STREET PROJECT
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET) AND HARRISON AVE
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	369
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



CABLE PLAN

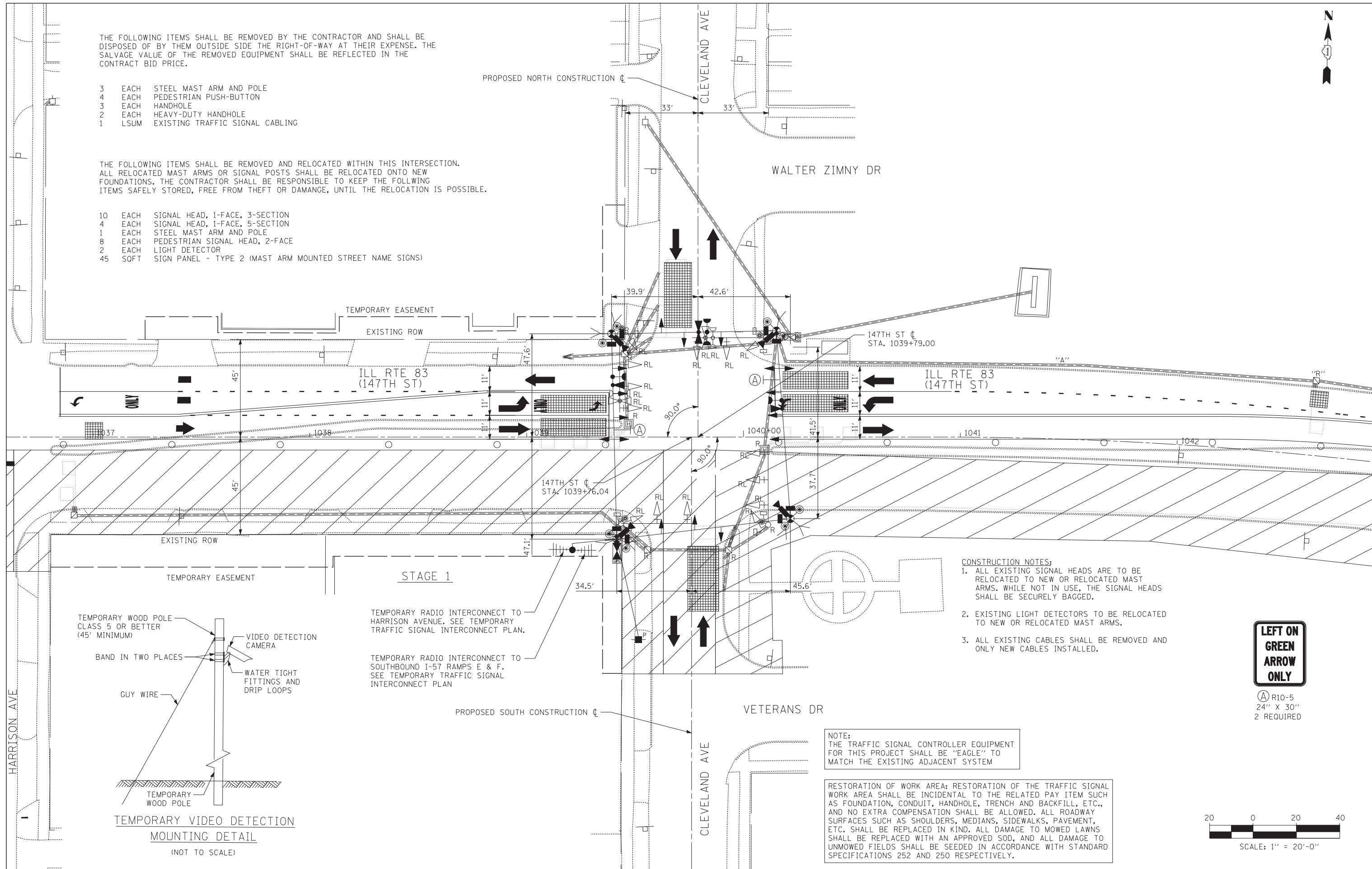
NOTE:
PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 3 EACH STEEL MAST ARM AND POLE
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 3 EACH HANDHOLE
- 2 EACH HEAVY-DUTY HANDHOLE
- 1 LSUM EXISTING TRAFFIC SIGNAL CABLING

THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. ALL RELOCATED MAST ARMS OR SIGNAL POSTS SHALL BE RELOCATED ONTO NEW FOUNDATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE, UNTIL THE RELOCATION IS POSSIBLE.

- 10 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH STEEL MAST ARM AND POLE
- 8 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 2 EACH LIGHT DETECTOR
- 45 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)



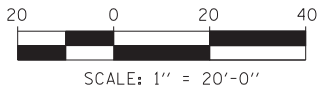
- CONSTRUCTION NOTES:**
1. ALL EXISTING SIGNAL HEADS ARE TO BE RELOCATED TO NEW OR RELOCATED MAST ARMS. WHILE NOT IN USE, THE SIGNAL HEADS SHALL BE SECURELY BAGGED.
 2. EXISTING LIGHT DETECTORS TO BE RELOCATED TO NEW OR RELOCATED MAST ARMS.
 3. ALL EXISTING CABLES SHALL BE REMOVED AND ONLY NEW CABLES INSTALLED.

NOTE:
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RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

LEFT ON GREEN ARROW ONLY

Ⓐ R10-5
24" X 30"
2 REQUIRED



TYLIN INTERNATIONAL	USER NAME =	DESIGNED - JDF	REVISED -
	PLOT SCALE =	DRAWN - JDF	REVISED -
	PLOT DATE =	CHECKED - JPM	REVISED -
		DATE - 5/23/2012	REVISED -

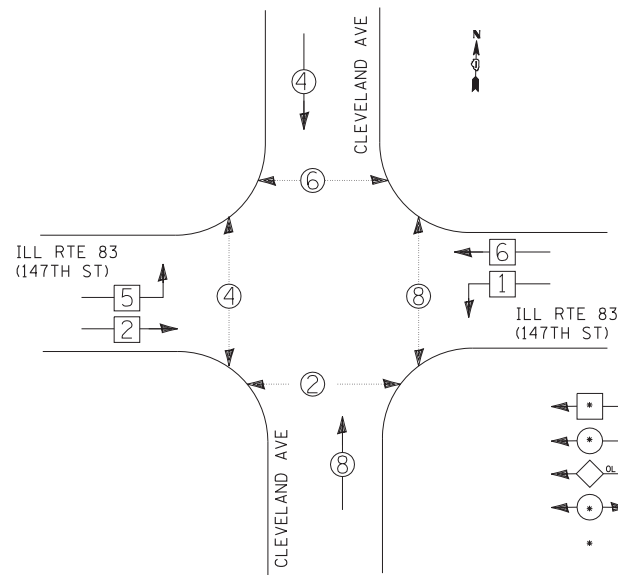
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
ILL RTE 83 (147TH STREET) AND CLEVELAND AVE**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	370
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57

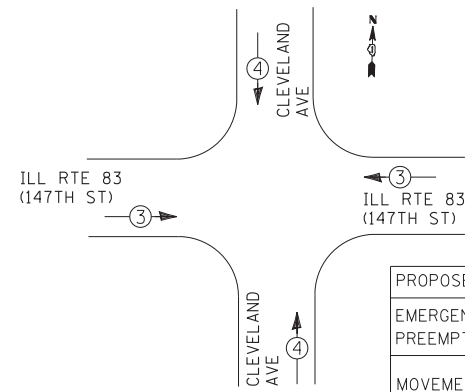
TEMPORARY CONTROLLER SEQUENCE



- LEGEND**
- ◻ SINGLE ENTRY PHASE
 - ◐ DUAL ENTRY PHASE
 - ◊ OVERLAP
 - ◑ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↕	←

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	12		12	0.10	14.4
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0

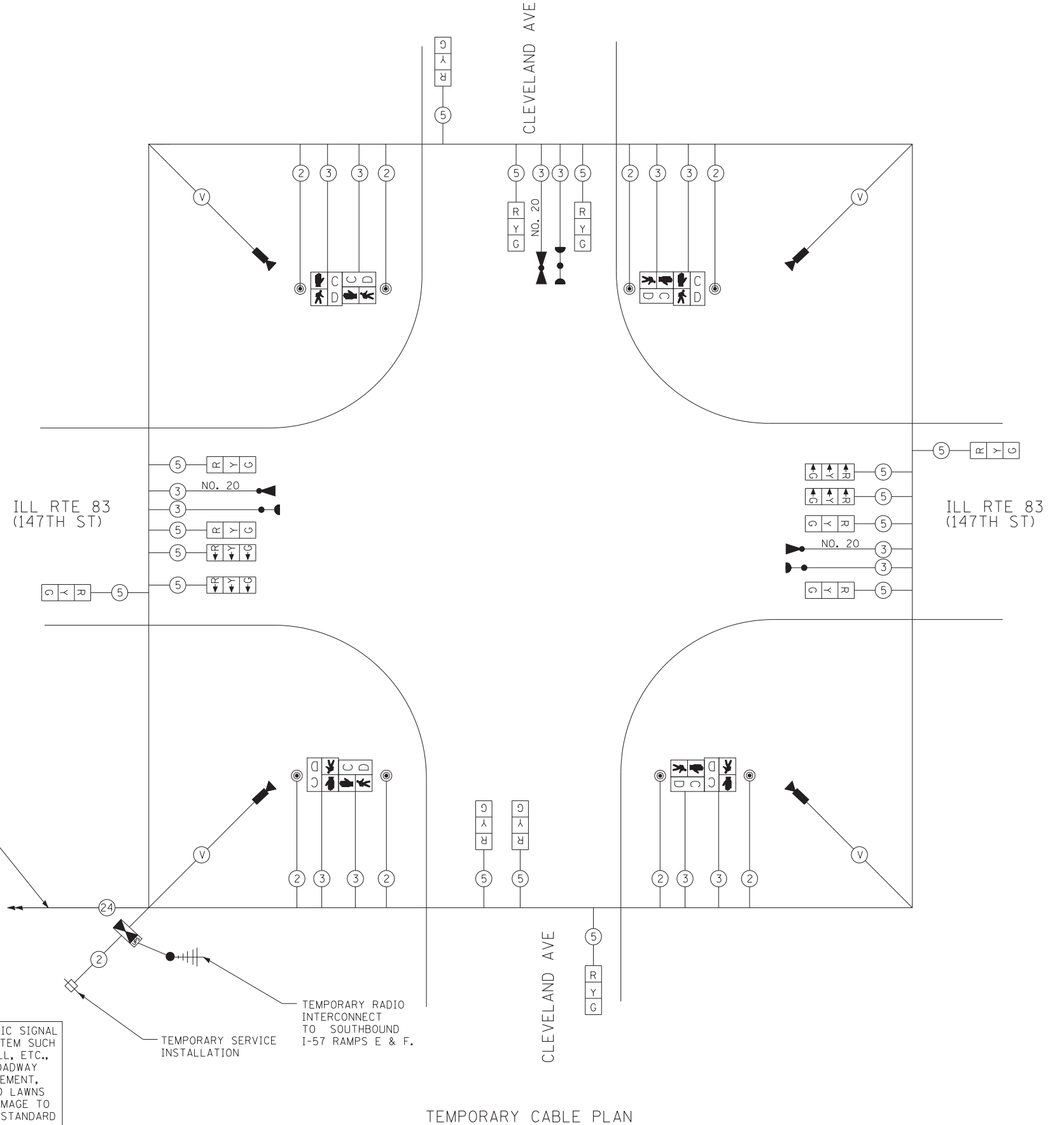
ENERGY COSTS TO: TOTAL = 686.4

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

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TEMPORARY CABLE PLAN

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
	PLOT SCALE =	DRAWN - MBR	REVISED -
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 5/23/2012	REVISED -

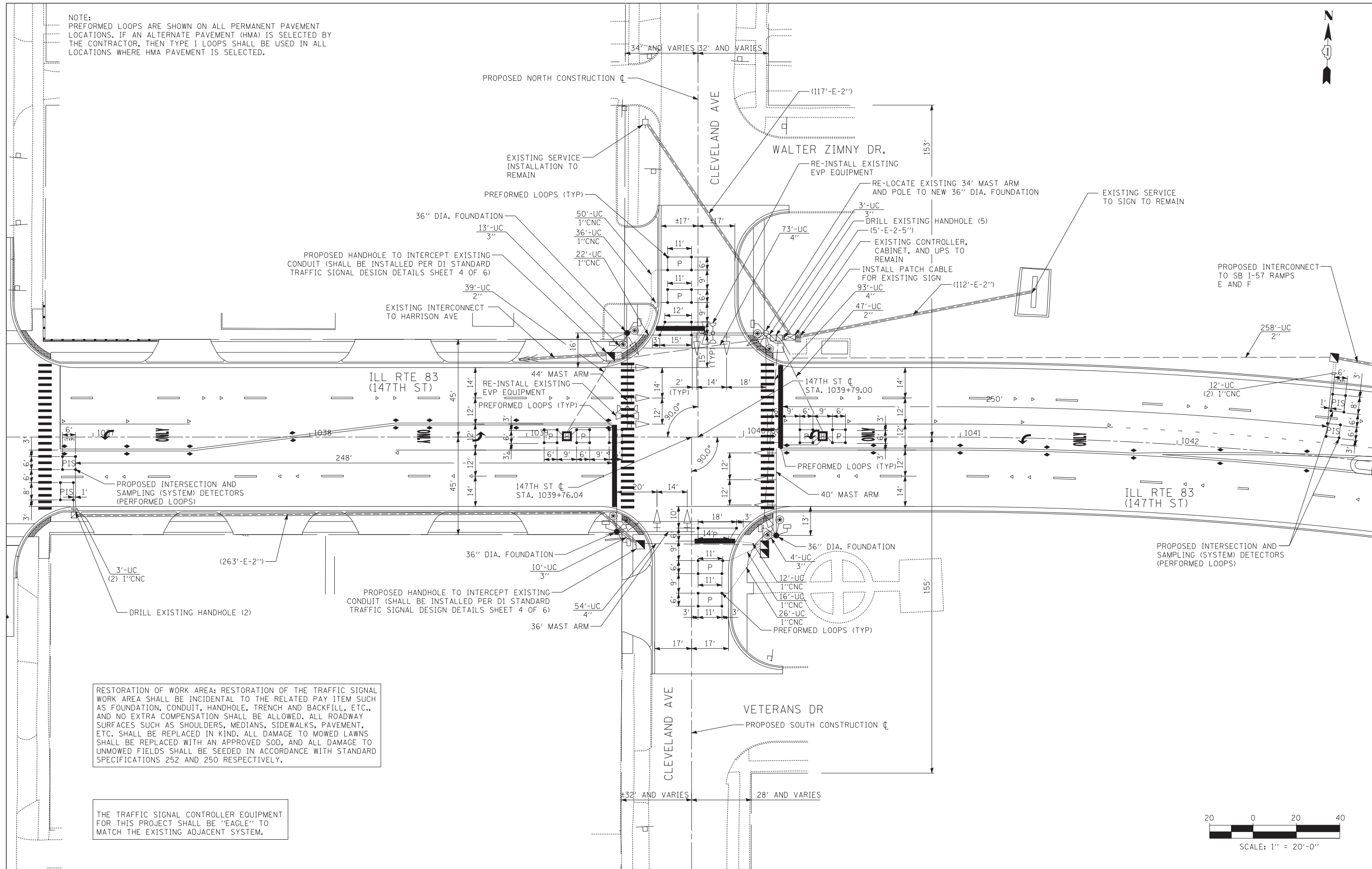
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET) AND CLEVELAND AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	371
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

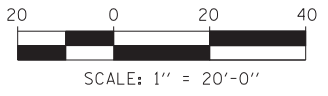
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

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THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

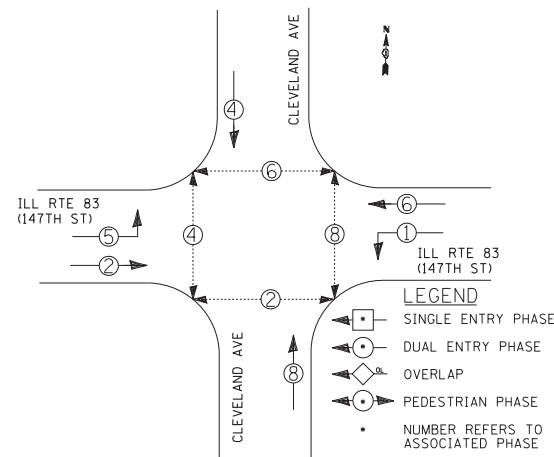
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 TRAFFIC SIGNAL MODERNIZATION PLAN
 ILL RTE 83 (147TH STREET) AND CLEVELAND AVE**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEET STA. TO STA.

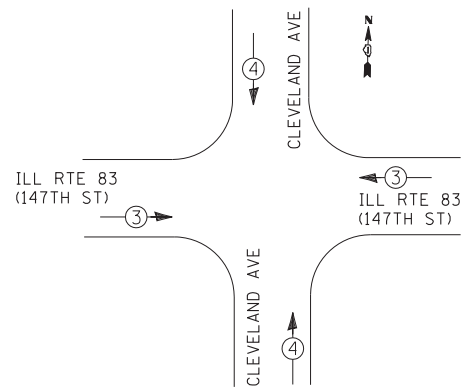
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	372
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T.	POSEN
REMOVE SIGN PANEL - TYPE 2	SOFT	45	
RELOCATE SIGN PANEL - TYPE 2	SOFT	45	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	344	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	30	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	220	
HANDHOLE	EACH	3	
HEAVY-DUTY HANDHOLE	EACH	2	
DOUBLE HANDHOLE	EACH	1	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1032	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1088	260.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1617.5	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	638	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2722	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	132	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	578.5	
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26	
DRILL EXISTING HANDHOLE	EACH	7	
INDUCTIVE LOOP DETECTOR	EACH	8	
PEDESTRIAN PUSH-BUTTON	EACH	8	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
RELOCATE EXISTING SIGNAL HEAD	EACH	14	
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	8	
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
REMOVE EXISTING HANDHOLE	EACH	6	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	
EMERGENCY VEHICLE PRIORITY SYSTEM	FOOT	--	260.5
LINE SENSOR CABLE, NO. 20 3/C	FOOT	--	
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	--	2

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT	585	585
PERFORMED DETECTOR LOOP	FOOT	585	585

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119.0
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	8		12	0.10	9.6
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	1	200		0.05	10.0
FLASHER				0.05	0.0

ENERGY COSTS TO: TOTAL = 578.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

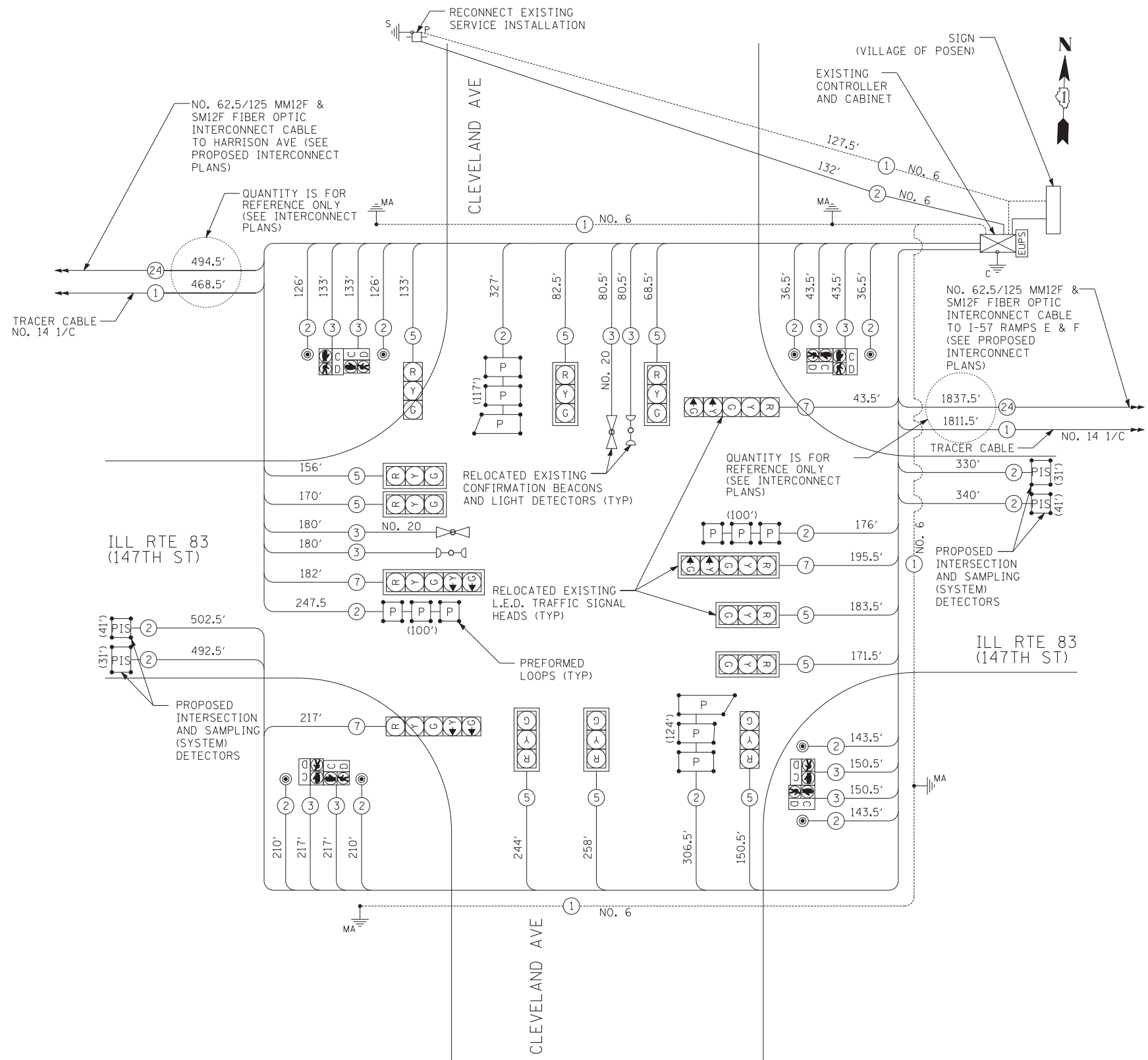
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN

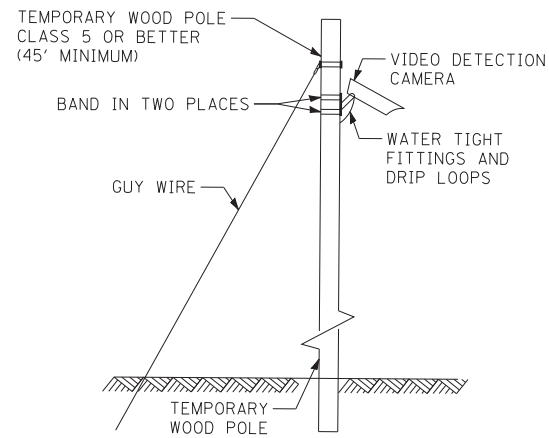


NOTE:
PERFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
	PLOT SCALE =	DRAWN - MBR	REVISED -
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 5/23/2012	REVISED -

147TH STREET PROJECT SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL RTE 83 (147TH STREET) AND CLEVELAND AVE			
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	373
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

CONSTRUCTION NOTES:

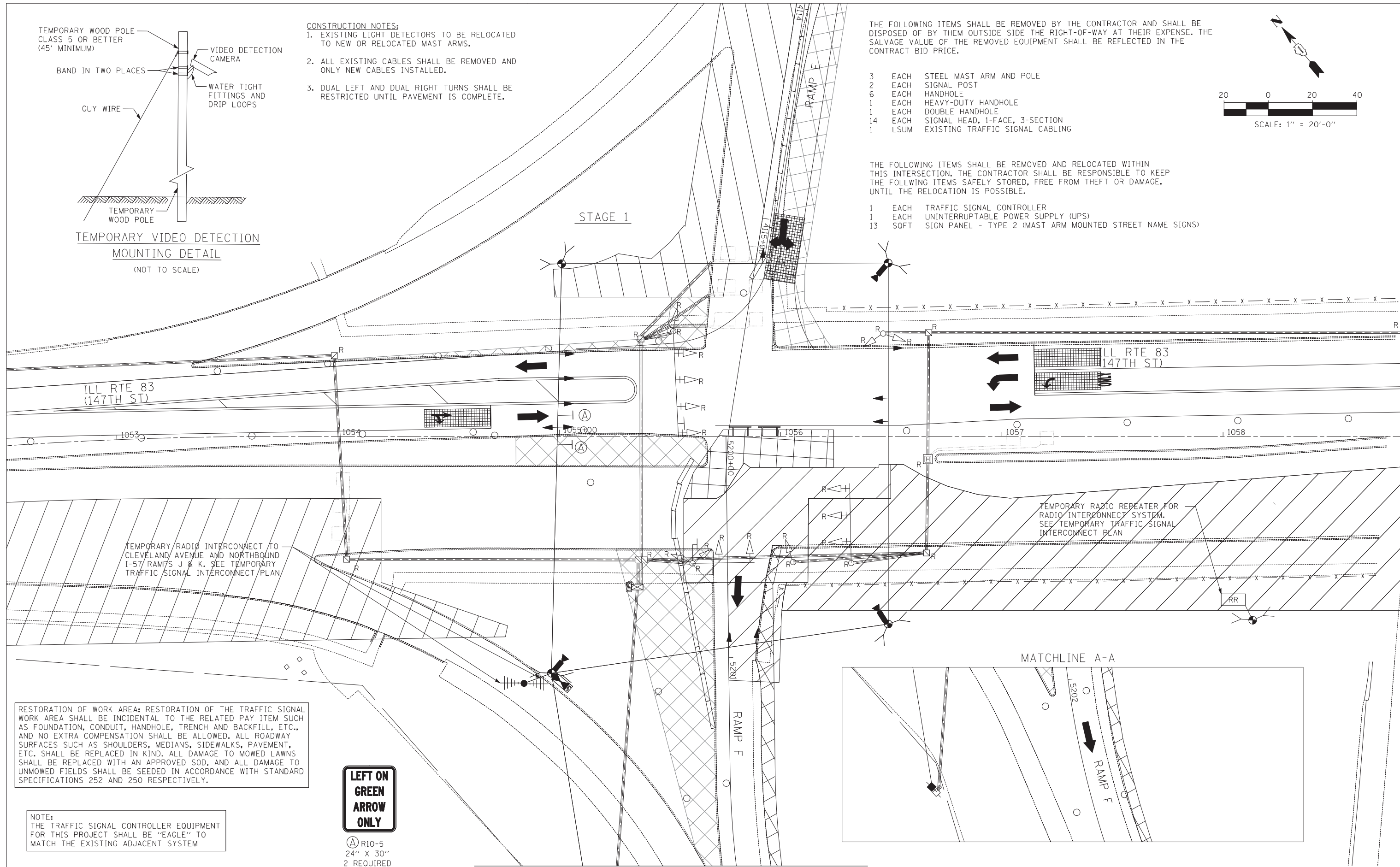
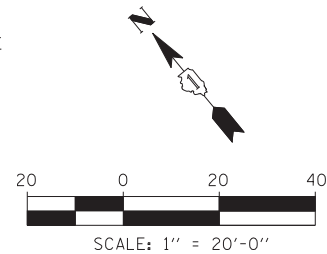
1. EXISTING LIGHT DETECTORS TO BE RELOCATED TO NEW OR RELOCATED MAST ARMS.
2. ALL EXISTING CABLES SHALL BE REMOVED AND ONLY NEW CABLES INSTALLED.
3. DUAL LEFT AND DUAL RIGHT TURNS SHALL BE RESTRICTED UNTIL PAVEMENT IS COMPLETE.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 3 EACH STEEL MAST ARM AND POLE
- 2 EACH SIGNAL POST
- 6 EACH HANDHOLE
- 1 EACH HEAVY-DUTY HANDHOLE
- 1 EACH DOUBLE HANDHOLE
- 14 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 1 LSUM EXISTING TRAFFIC SIGNAL CABLING

THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE, UNTIL THE RELOCATION IS POSSIBLE.

- 1 EACH TRAFFIC SIGNAL CONTROLLER
- 1 EACH UNINTERRUPTABLE POWER SUPPLY (UPS)
- 13 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)



RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM



A R10-5
24" X 30"
2 REQUIRED

TYLIN INTERNATIONAL

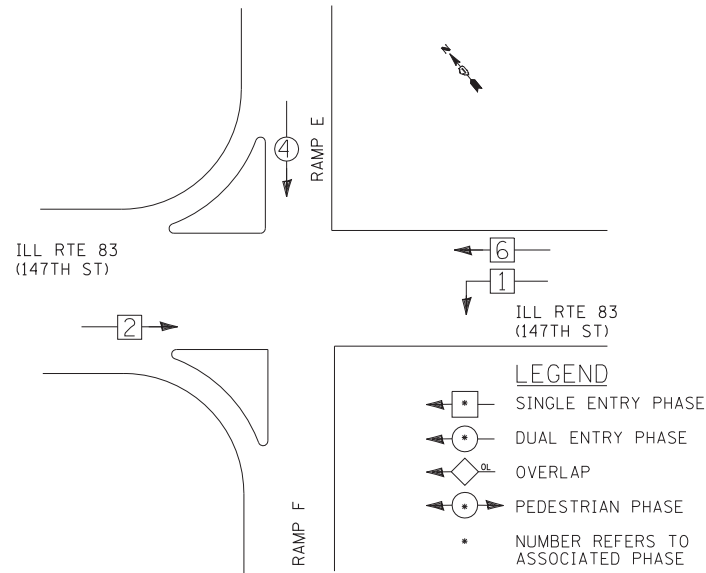
USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

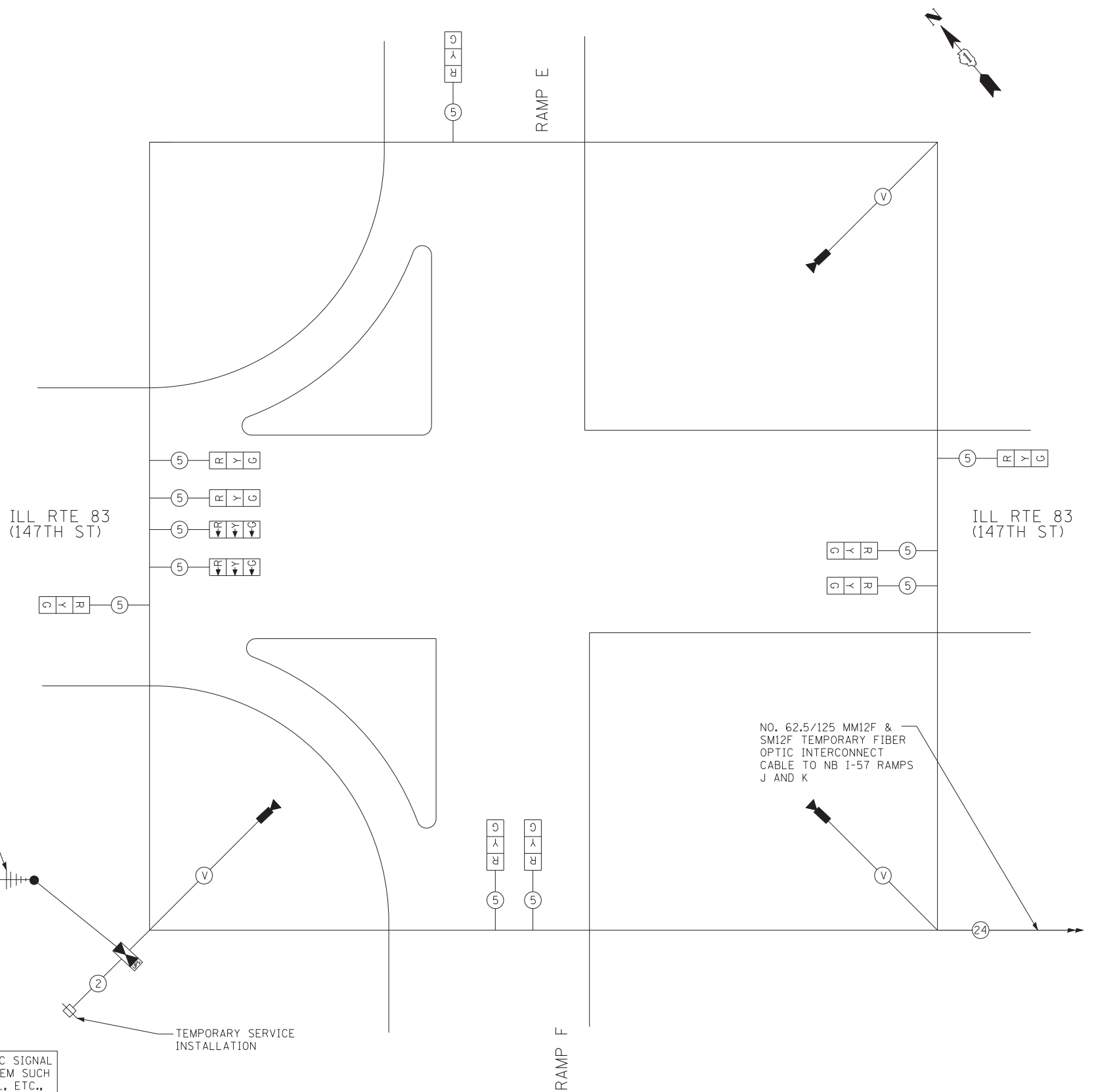
147TH STREET PROJECT TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN ILL RTE 83 (147TH STREET) AND I-57 RAMPS E AND F			
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	374
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	9		17	0.50	76.5
(YELLOW)	9		25	0.25	56.3
(GREEN)	9		15	0.25	33.8
ARROW	6		12	0.10	7.2
PED. SIGNAL	0		25	1.00	0.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0
ENERGY COSTS TO: TOTAL = 423.8					
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT PHONE: (708) 235-2337 WITH COMED NEW BUSINESS COMPANY: COMED SERVICES AT (866) 639-3532					

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL RTE 83 (147TH STREET) AND SB I-57 RAMPS E & F			
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.

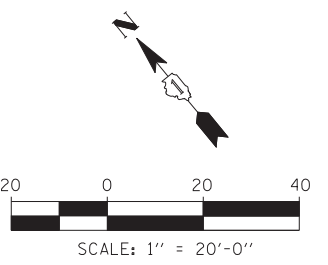
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	375
CONTRACT NO.			60M57	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEFT ON GREEN ARROW ONLY

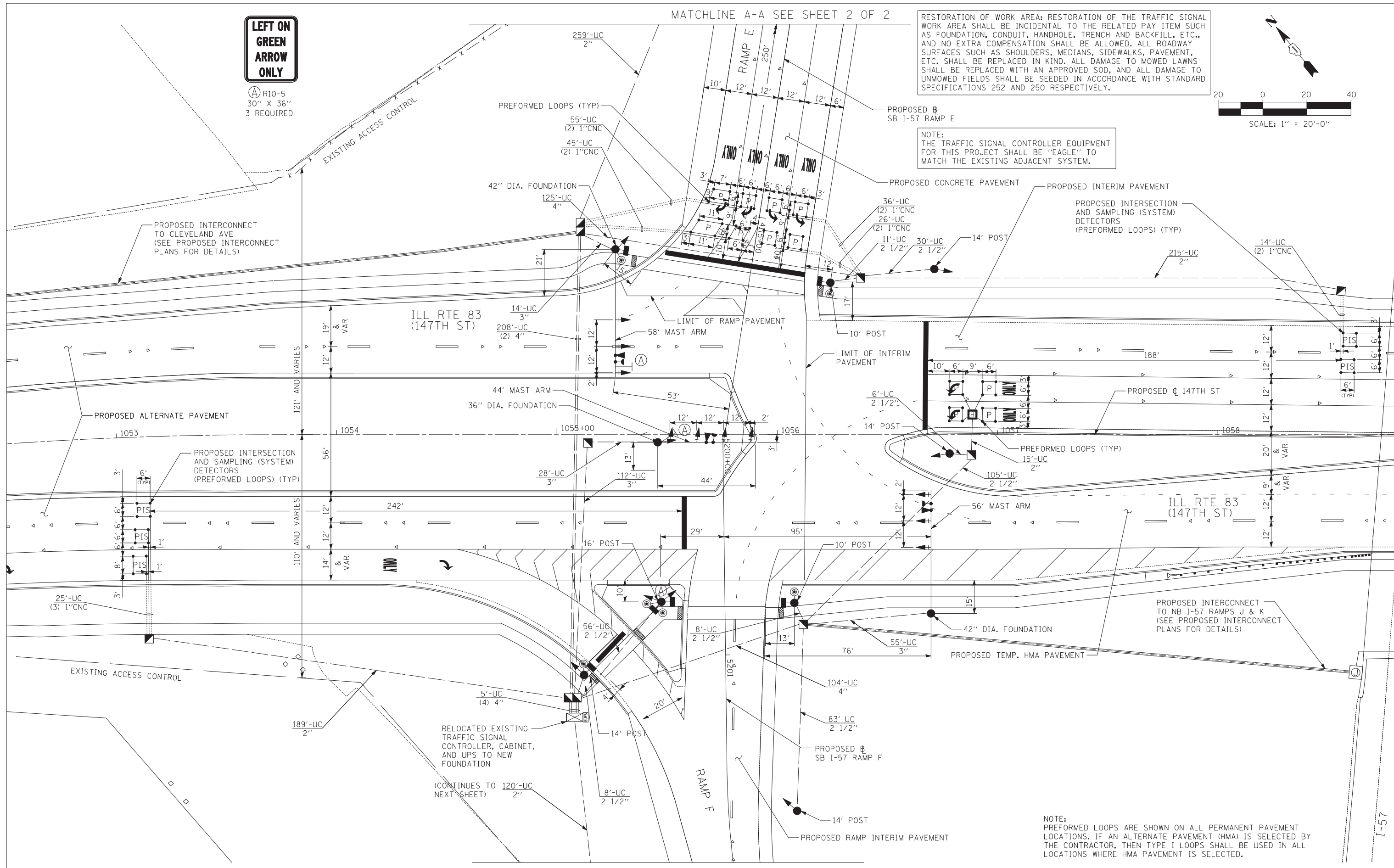
Ⓐ R10-5
30" X 36"
3 REQUIRED

MATCHLINE A-A SEE SHEET 2 OF 2

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



MATCHLINE B-B (SEE SHEET 2 OF 2)

NOTE:
PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

TYLIN INTERNATIONAL

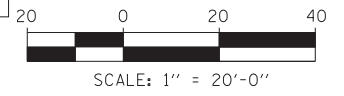
USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TRAFFIC SIGNAL MODERNIZATION PLAN
ILL RTE 83 (147TH STREET) AND I-57 RAMP E AND F**

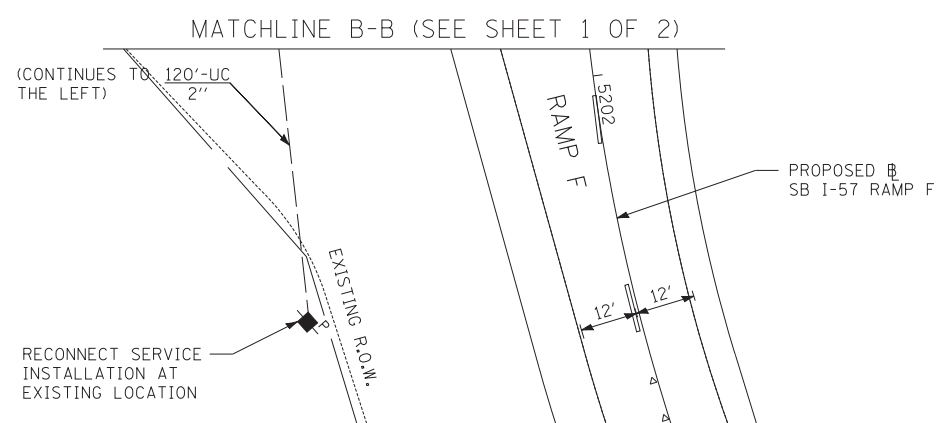
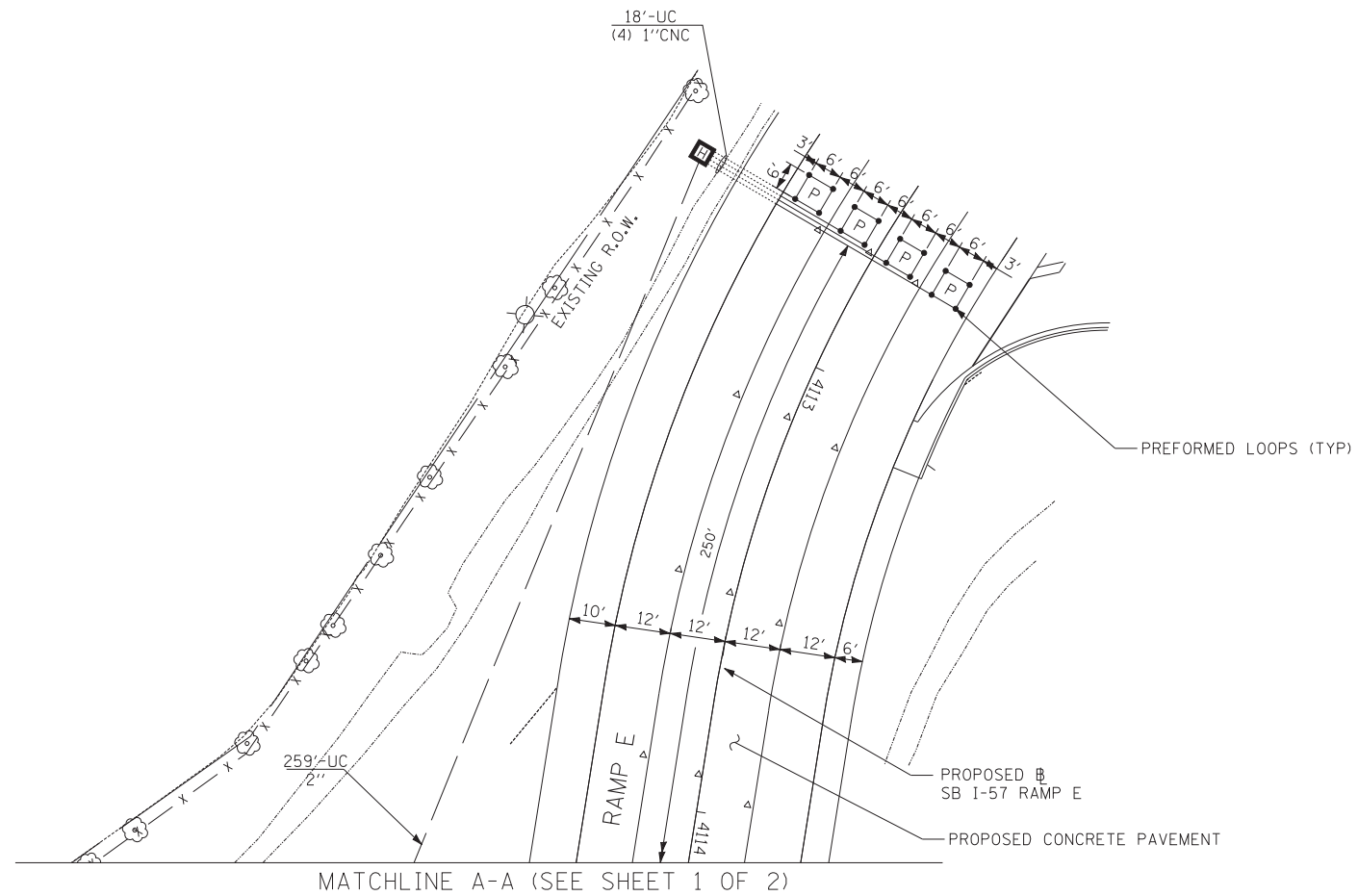
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	376
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO.			60M57	

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE:
 PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



TYLIN INTERNATIONAL

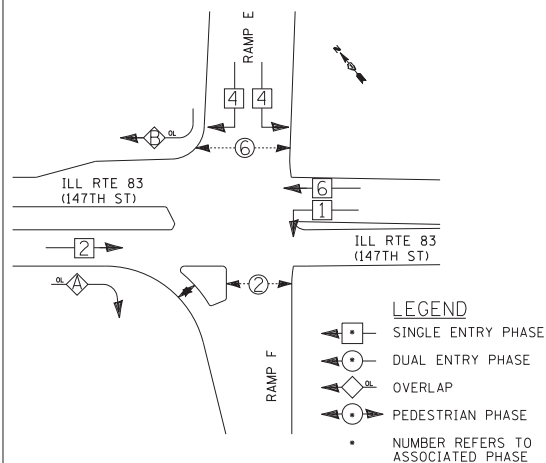
USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 TRAFFIC SIGNAL MODERNIZATION PLAN
 ILL RTE 83 (147TH STREET) AND I-57 RAMPS E AND F**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	377
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

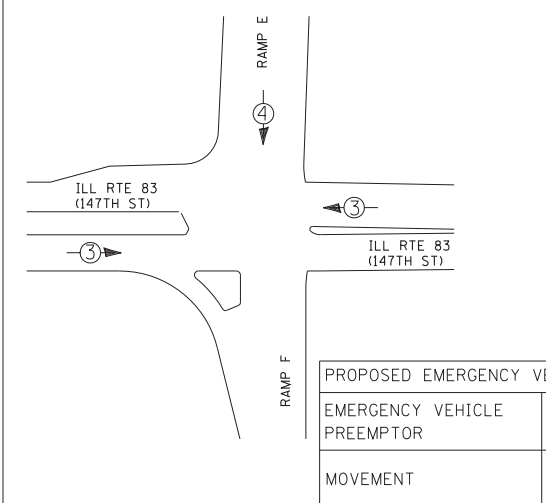
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 4
B	= 4	+ 1



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119.0
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	13		12	0.10	15.6
PED. SIGNAL	6		25	1.00	150.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 524.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

TYLIN INTERNATIONAL

USER NAME =	DESIGNED -	REVISED -
MBR	MBR	MBR
DAJ	DAJ	DAJ
DATE =	5/23/2012	

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

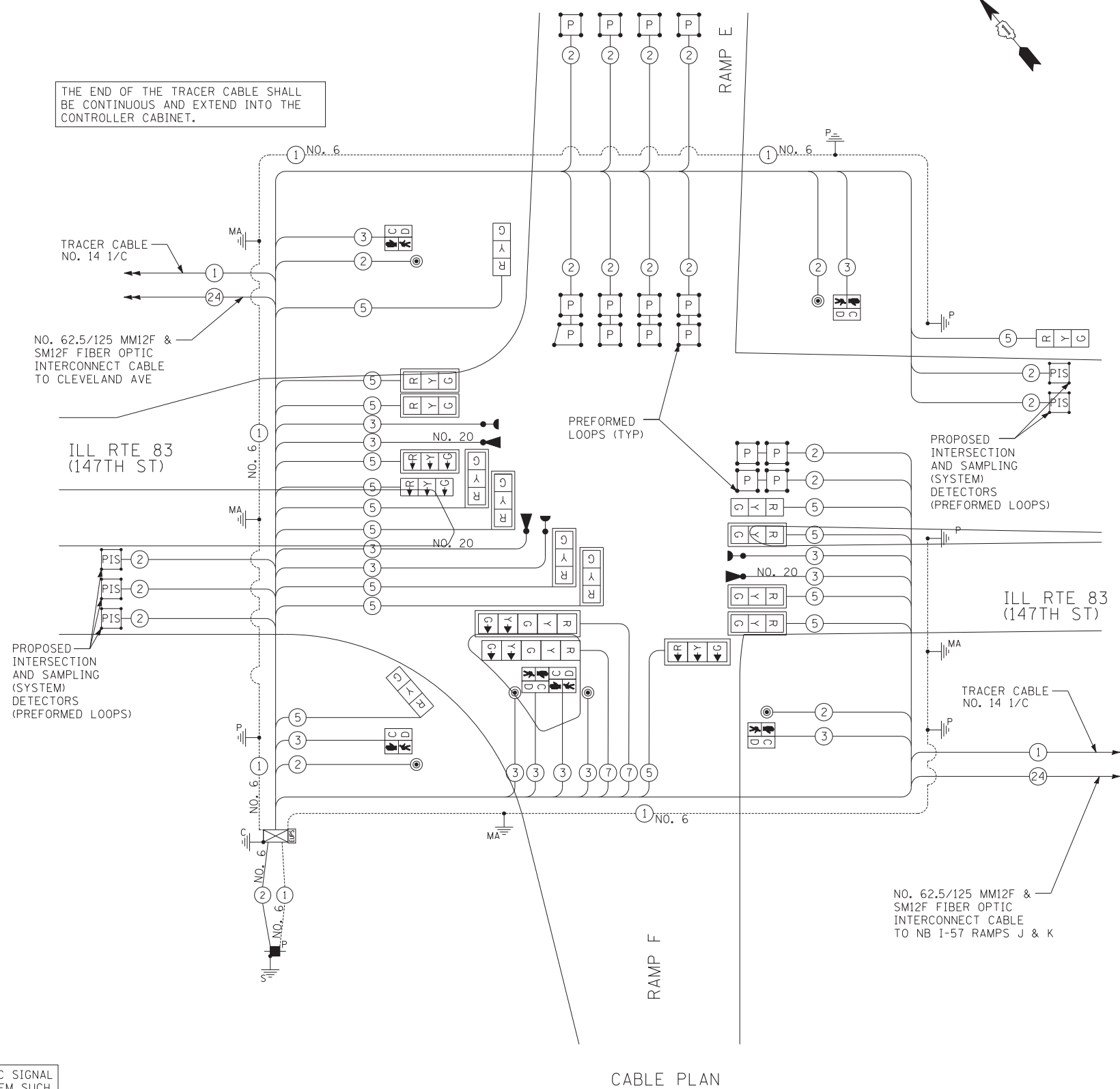
SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T.	POSEN
SIGN PANEL - TYPE 1	SQ FT	23	
REMOVE SIGN PANEL - TYPE 2	SOFT	13	
RELOCATE SIGN PANEL - TYPE 2	SOFT	13	
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	798	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	307	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	209	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	665	
HANDHOLE	EACH	7	
HEAVY-DUTY HANDHOLE	EACH	1	
DOUBLE HANDHOLE	EACH	2	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1038	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1080	824
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4150	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	97	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6949	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	140	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	2214	
GROUNDING CONDUCTOR, NO. 6 1C	FOOT	42	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	1	
CONCRETE FOUNDATION, TYPE A	FOOT	24	
CONCRETE FOUNDATION, TYPE C	FOOT	4	
CONCRETE FOUNDATION, TYPE E	FOOT	13	
36-INCH DIAMETER CONCRETE FOUNDATION, TYPE E	FOOT	42	
42-INCH DIAMETER CONCRETE FOUNDATION, TYPE E	FOOT	42	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	10	
INDUCTIVE LOOP DETECTOR	EACH	15	
LIGHT DETECTOR	EACH	--	3
LIGHT DETECTOR AMPLIFIER	EACH	--	1
PEDESTRIAN PUSH-BUTTON	EACH	6	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1	
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	
REMOVE EXISTING HANDHOLE	EACH	7	
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	
EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	--	824
SENSOR CABLE, NO. 20 3/C	FOOT	--	

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT	--	476
PREFORMED DETECTOR LOOP	FOOT	785	309

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



CABLE PLAN

NOTE: PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET) AND SB I-57 RAMPS J & K

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	378
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 3 EACH STEEL MAST ARM AND POLE
- 2 EACH SIGNAL POST
- 5 EACH HANDHOLE
- 1 EACH HEAVY-DUTY HANDHOLE
- 1 EACH DOUBLE HANDHOLE
- 15 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 1 LSUM EXISTING TRAFFIC SIGNAL CABLING

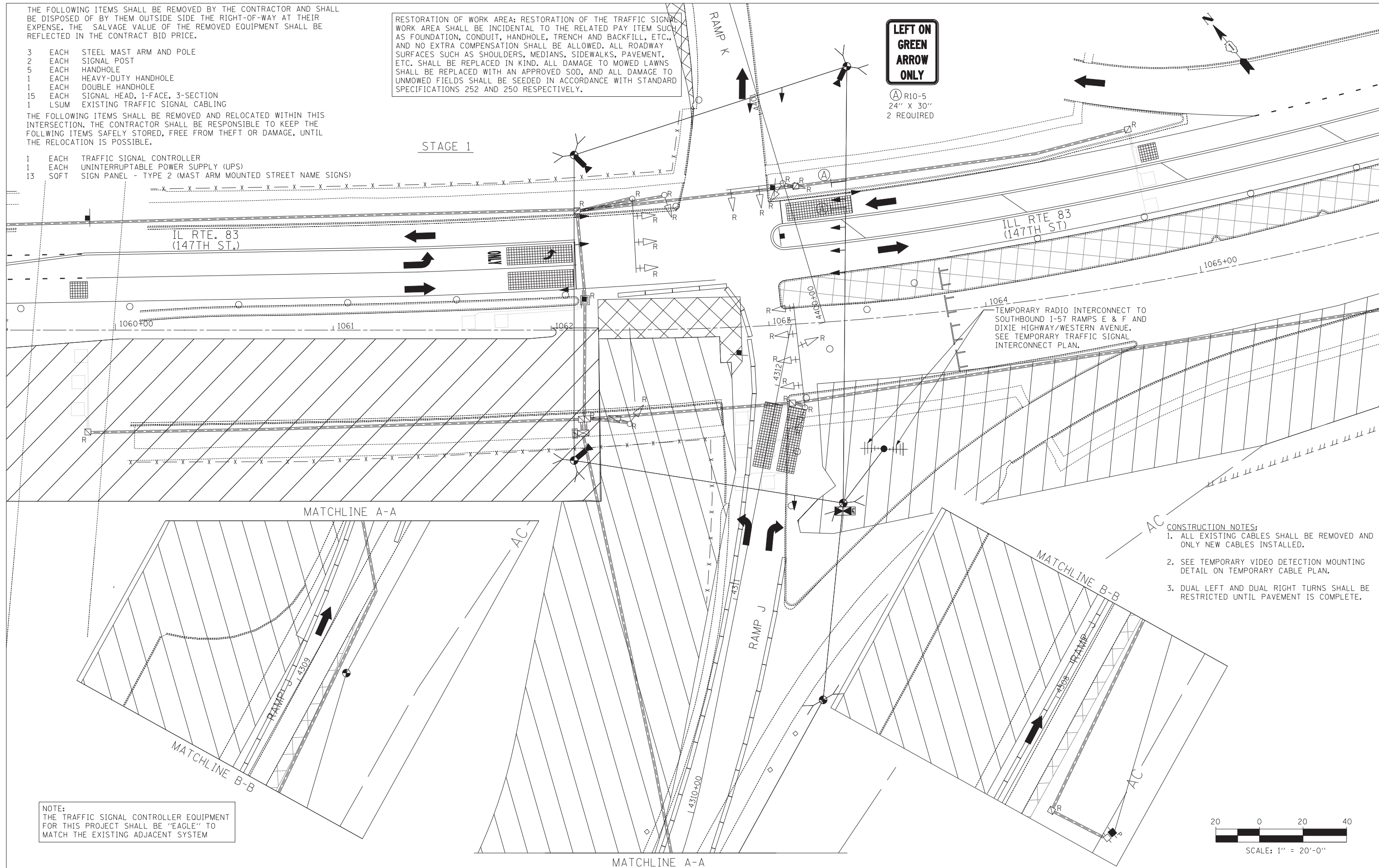
THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE, UNTIL THE RELOCATION IS POSSIBLE.

- 1 EACH TRAFFIC SIGNAL CONTROLLER
- 1 EACH UNINTERRUPTABLE POWER SUPPLY (UPS)
- 13 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

LEFT ON GREEN ARROW ONLY

Ⓐ R10-5
24" X 30"
2 REQUIRED



ILL RTE 83
(147TH ST.)

TEMPORARY RADIO INTERCONNECT TO SOUTHBOUND I-57 RAMP E & F AND DIXIE HIGHWAY/WESTERN AVENUE. SEE TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN.

- CONSTRUCTION NOTES:**
1. ALL EXISTING CABLES SHALL BE REMOVED AND ONLY NEW CABLES INSTALLED.
 2. SEE TEMPORARY VIDEO DETECTION MOUNTING DETAIL ON TEMPORARY CABLE PLAN.
 3. DUAL LEFT AND DUAL RIGHT TURNS SHALL BE RESTRICTED UNTIL PAVEMENT IS COMPLETE.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

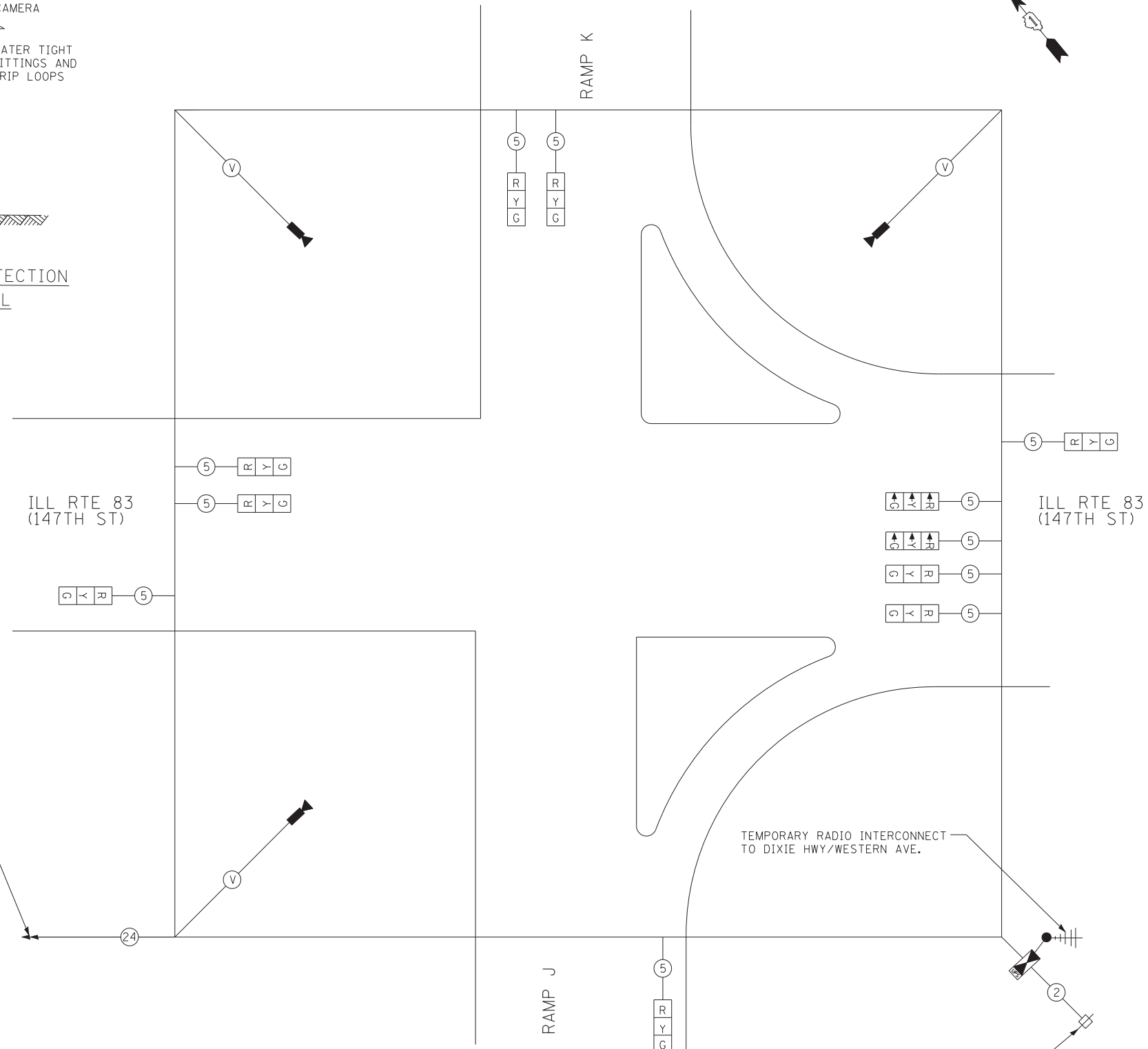
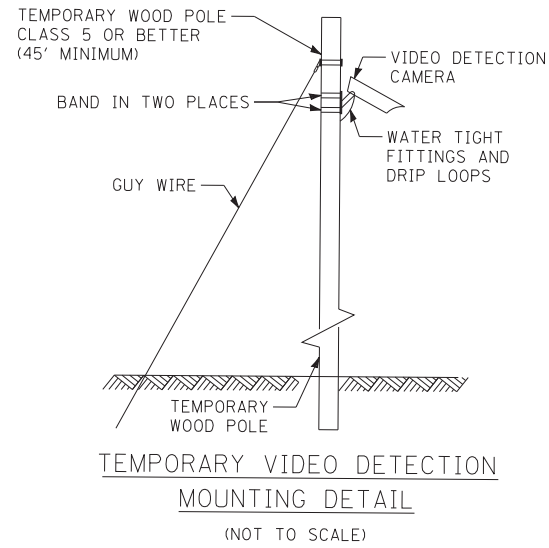
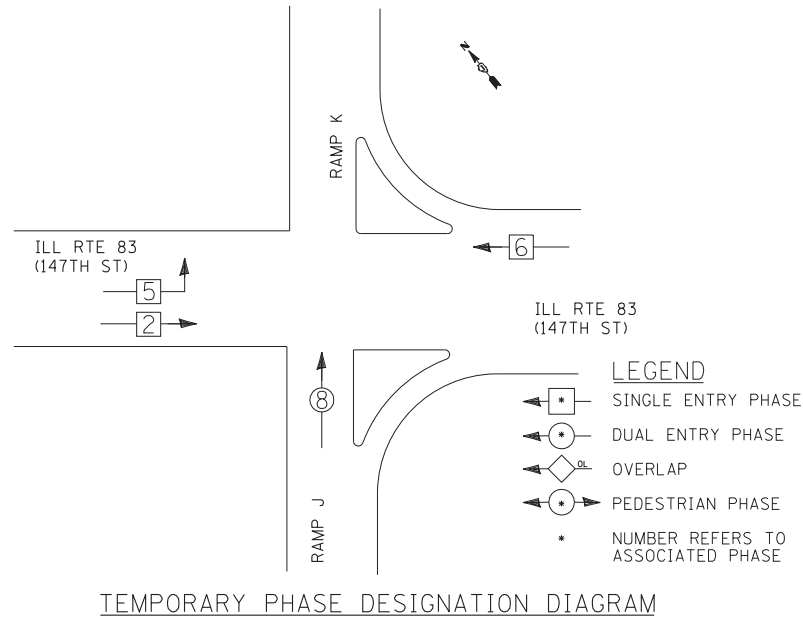
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
ILL RTE 83 (147TH STREET) AND I-57 RAMP J AND K**

SCALE: 1"=20'
SHEET NO. 1 OF 1 SHEET
STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	379
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

TEMPORARY CONTROLLER SEQUENCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	9		17	0.50	76.5
(YELLOW)	9		25	0.25	56.3
(GREEN)	9		15	0.25	33.8
ARROW	6		12	0.10	7.2
PED. SIGNAL	0		25	1.00	0.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 423.8

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

NO. 62.5/125 MM12F & SM12F TEMPORARY FIBER OPTIC INTERCONNECT CABLE TO SB I-57 RAMPS E AND F1 TEMP

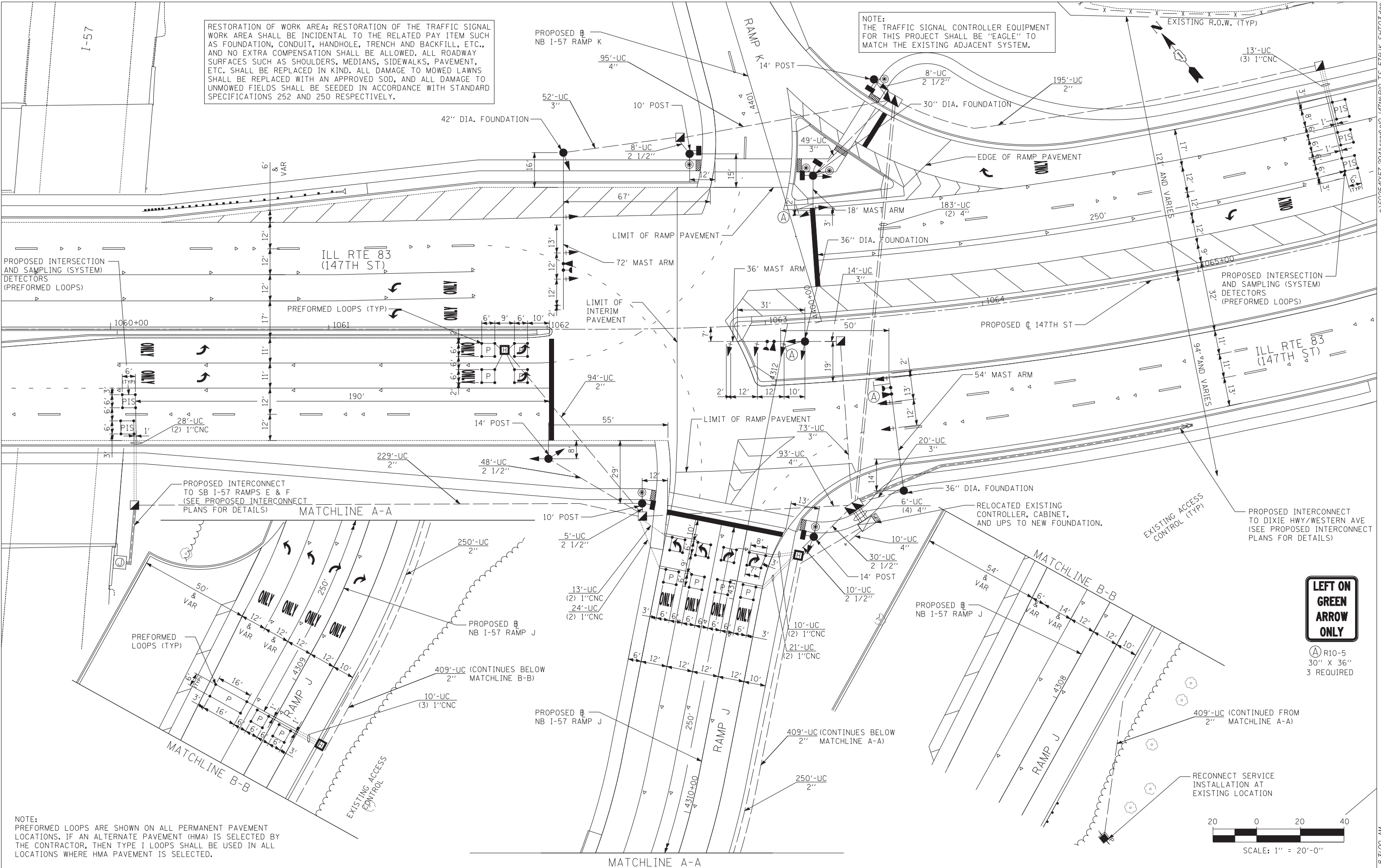
NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TEMPORARY CABLE PLAN

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



NOTE: PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE 1 LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
PLOT SCALE =	DRAWN - MBR	REVISED -
PLOT DATE =	CHECKED - DAJ	REVISED -
	DATE - 5/23/2012	REVISED -

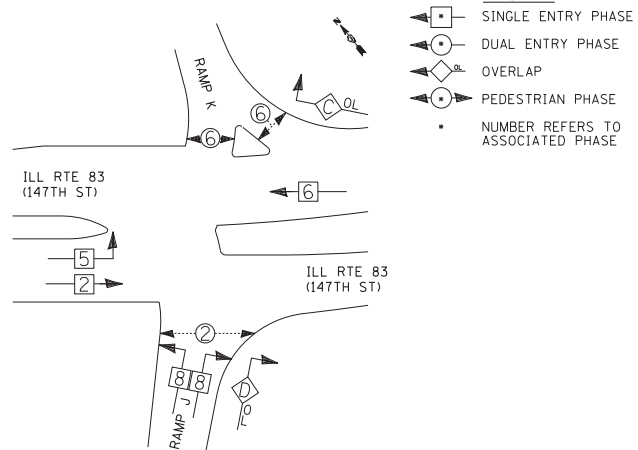
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TRAFFIC SIGNAL MODERNIZATION PLAN
ILL RTE 83 (147TH STREET) AND I-57 RAMPS J AND K**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	381
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO.	60M57

CONTROLLER SEQUENCE

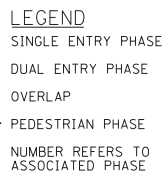
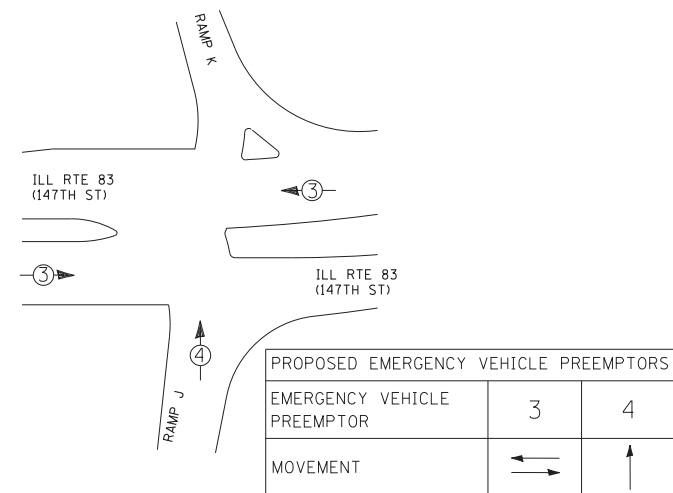


PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 8
D	= 8	+ 5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T. POSEN
SIGN PANEL - TYPE 1	SQ FT	23
REMOVE SIGN PANEL - TYPE 2	SOFT	13
RELOCATE SIGN PANEL - TYPE 2	SOFT	13
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1177
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	146
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	208
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	588
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1358
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1400
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3807
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	595
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4726
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	429
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2091
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	11
INDUCTIVE LOOP DETECTOR	EACH	14
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	7
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	757

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT	--	311
PREFORMED DETECTOR LOOP	FOOT	722	411

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	16		15	0.25	60.0
ARROW	13		12	0.10	15.6
PED. SIGNAL	6		25	1.00	150.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 561.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

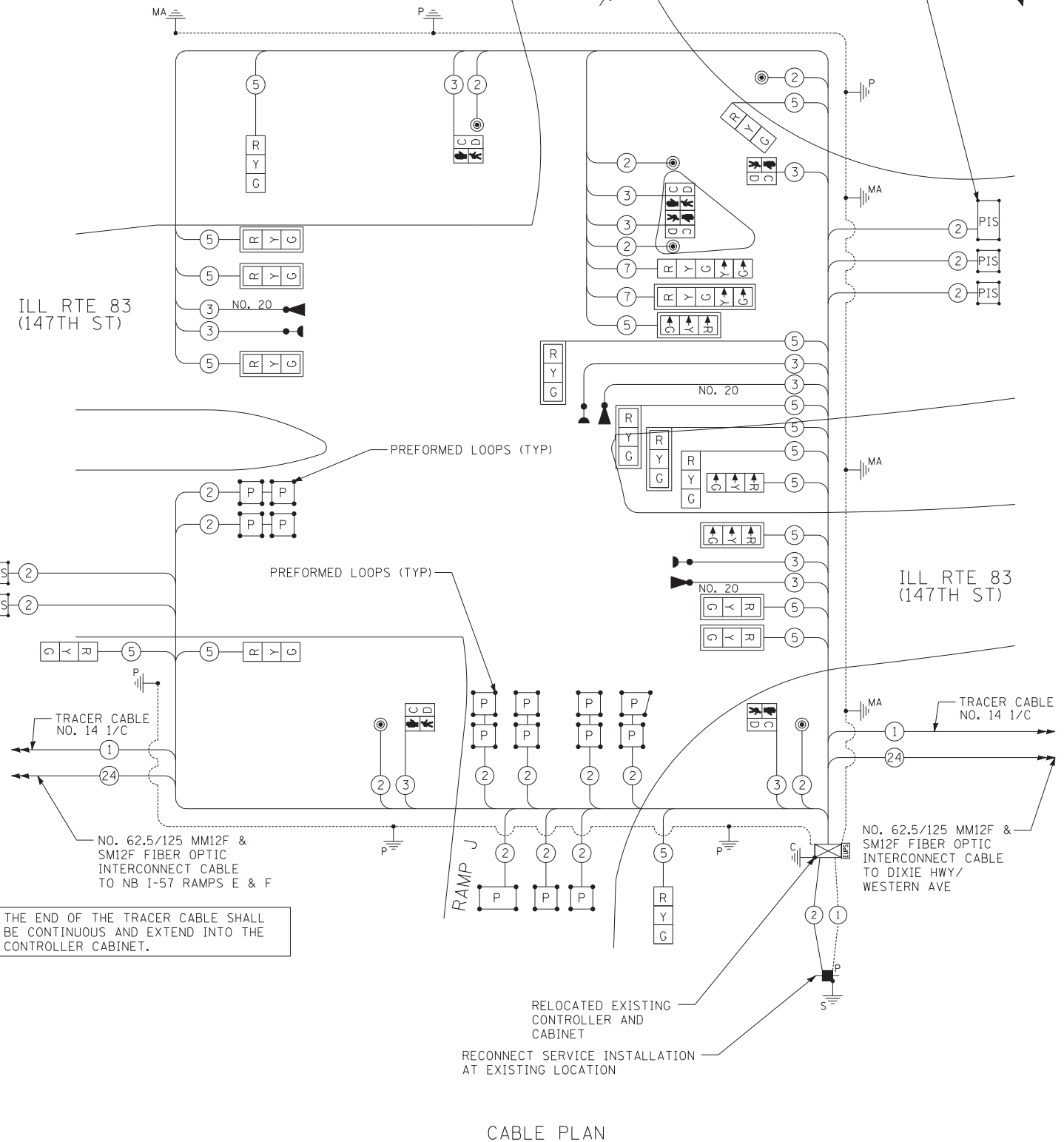
TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
PLOT SCALE =	DRAWN - MBR	REVISED -
PLOT DATE =	CHECKED - DAJ	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET) AND SB I-57 RAMPS J & K

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	382
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

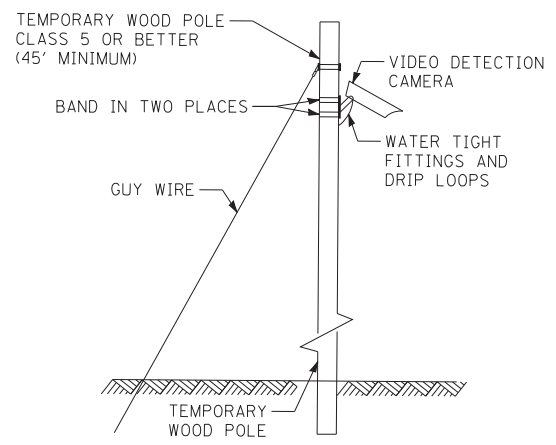


THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

CABLE PLAN

NOTE:
PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.

PA602540(57-294)road\p10_147th\PI0_TS_DW_SHT01.dgn



TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)

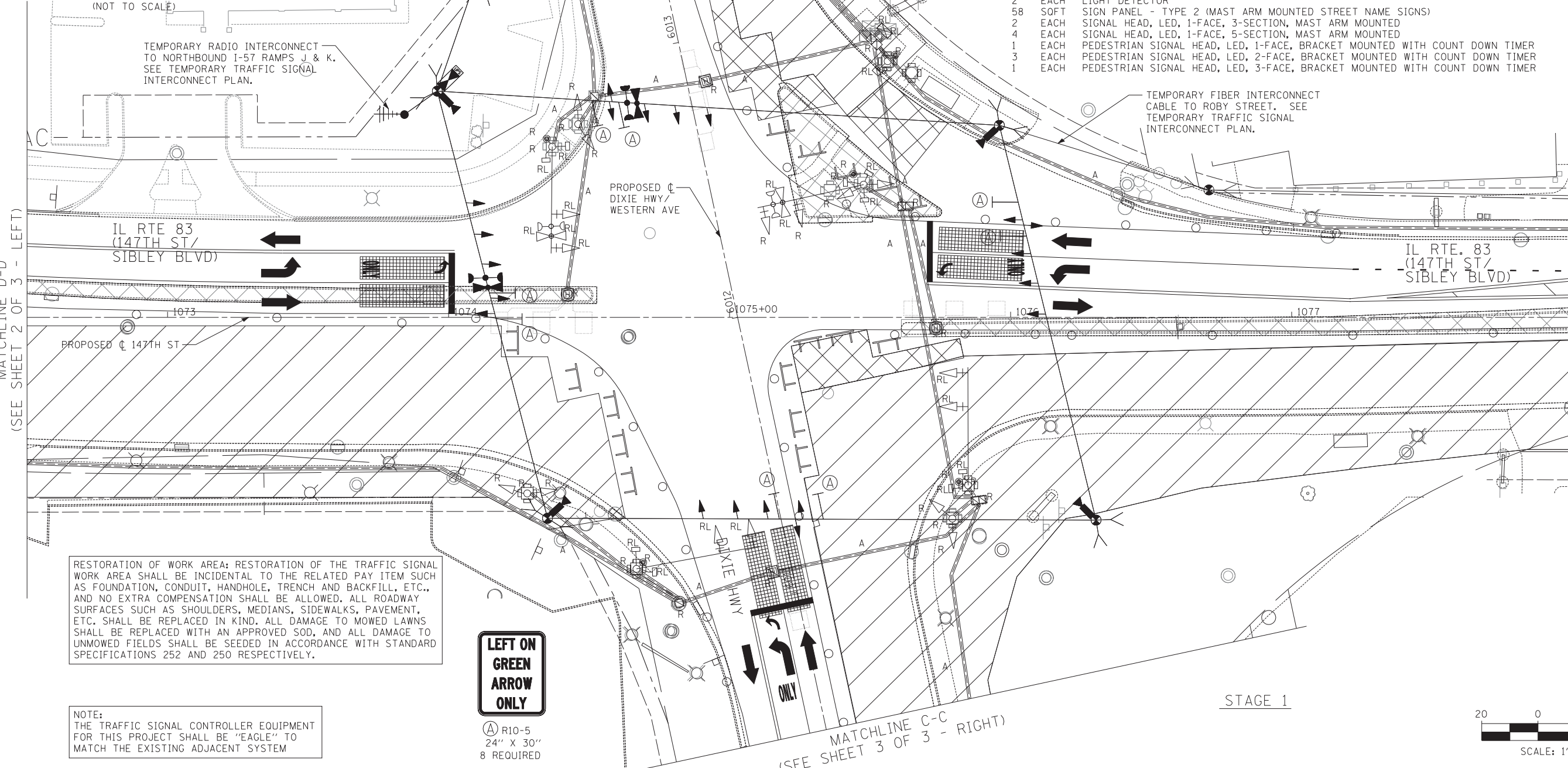
CONSTRUCTION NOTES:
1. EXISTING LIGHT DETECTORS TO BE RELOCATED TO NEW MAST ARMS.
2. ALL EXISTING CABLES SHALL BE REMOVED AND ONLY NEW CABLES INSTALLED.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE SIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH STEEL MAST ARM AND POLE
- 4 EACH SIGNAL POST
- 8 EACH HANDHOLE
- 4 EACH HEAVY-DUTY HANDHOLE
- 3 EACH DOUBLE HANDHOLE
- 2 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION
- 2 EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 2 EACH SIGNAL HEAD, LED, 2-FACE, 5-SECTION
- 1 LSUM EXISTING TRAFFIC SIGNAL CABLING
- 5 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING ITEMS SHALL BE REMOVED AND RELOCATED WITHIN THIS INTERSECTION. ALL RELOCATED MAST ARMS OR SIGNAL POSTS SHALL BE RELOCATED ONTO NEW FOUNDATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE FOLLOWING ITEMS SAFELY STORED, FREE FROM THEFT OR DAMAGE, UNTIL THE RELOCATION IS POSSIBLE.

- 1 EACH TRAFFIC SIGNAL CONTROLLER
- 1 EACH UNINTERRUPTABLE POWER SUPPLY (UPS)
- 2 EACH LIGHT DETECTOR
- 58 SOFT SIGN PANEL - TYPE 2 (MAST ARM MOUNTED STREET NAME SIGNS)
- 2 EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
- 4 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
- 1 EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
- 3 EACH PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
- 1 EACH PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER



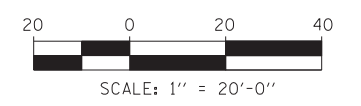
RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

LEFT ON GREEN ARROW ONLY

(A) R10-5
24" X 30"
8 REQUIRED

STAGE 1



TYLIN INTERNATIONAL

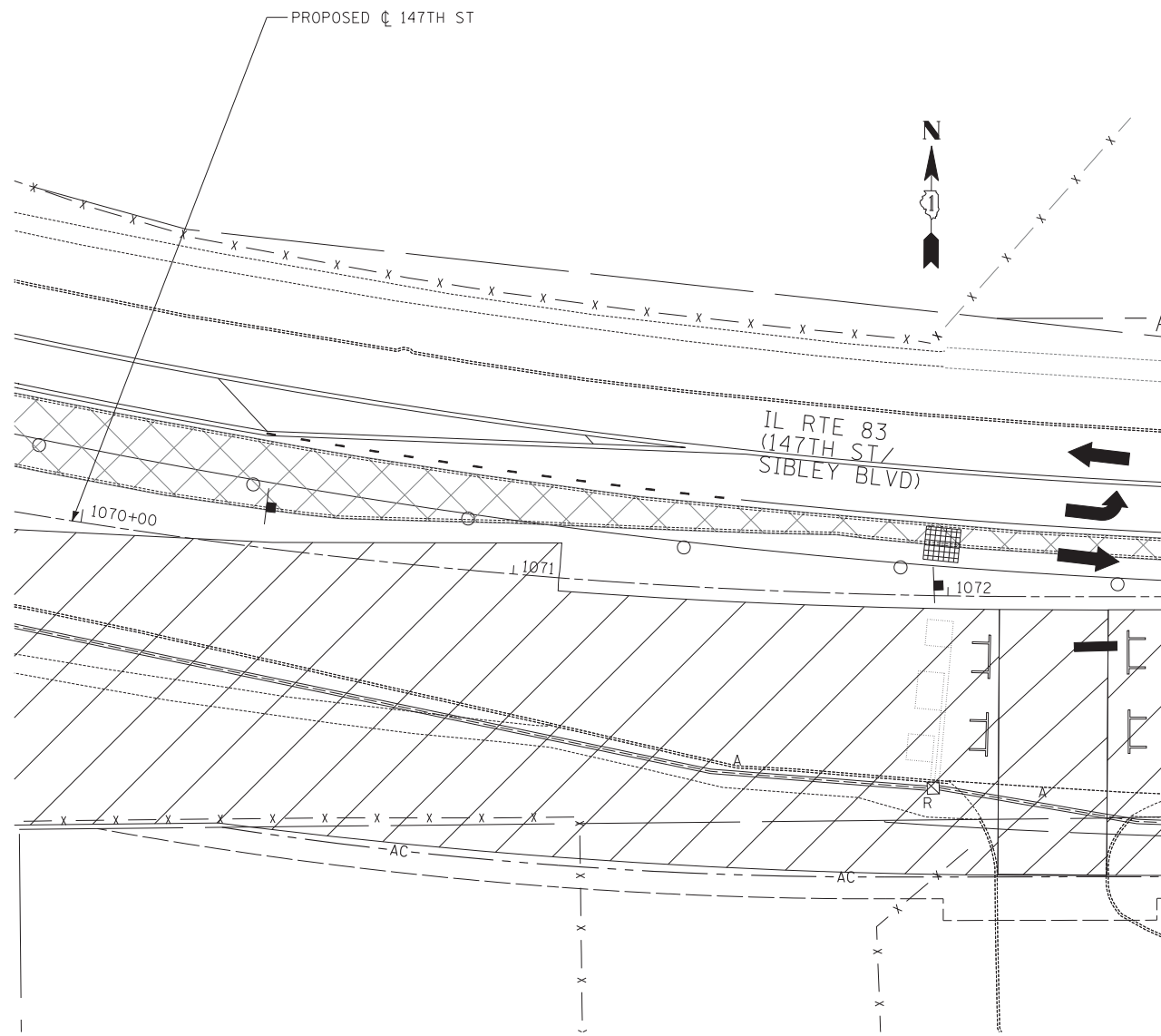
USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
IL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE**

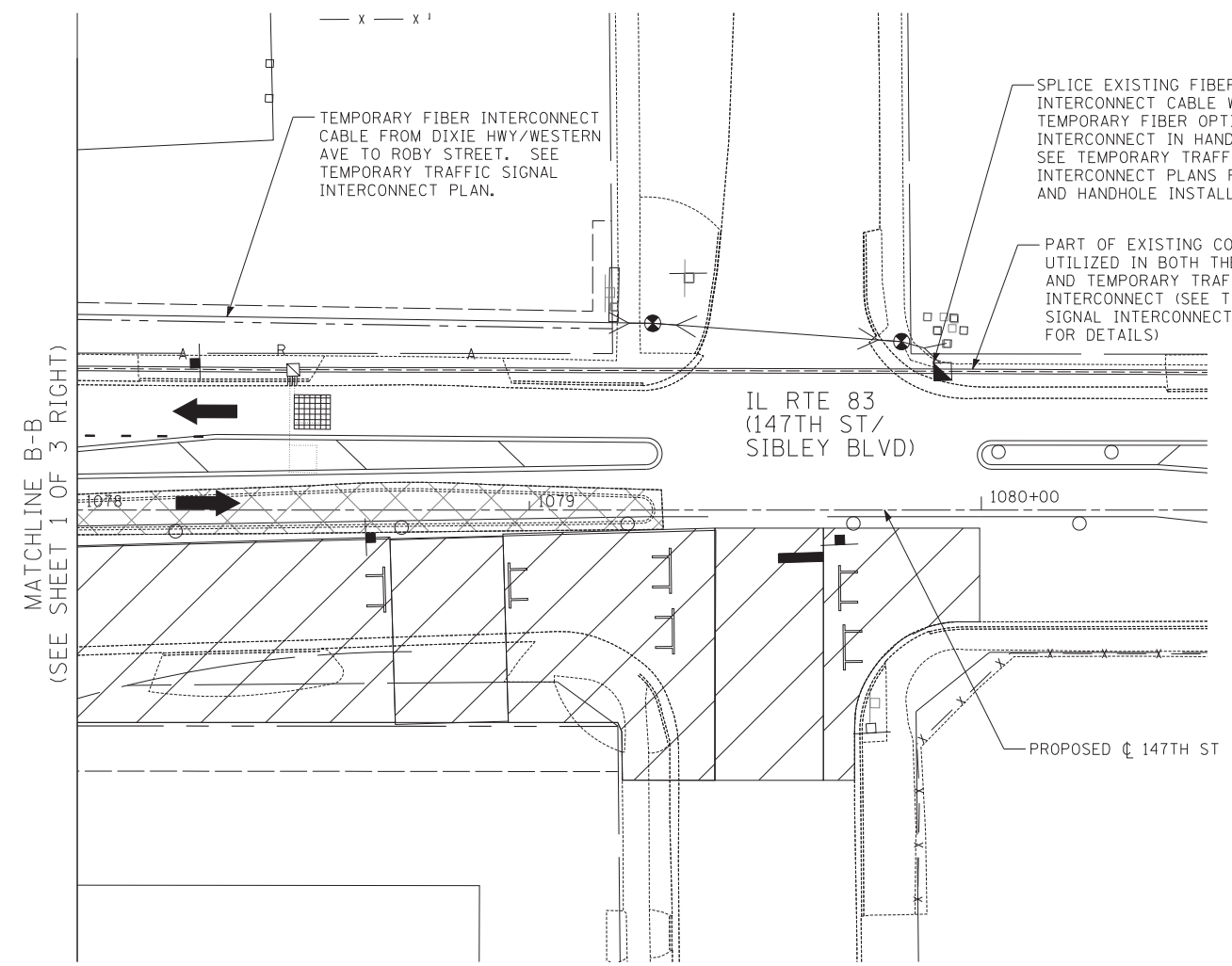
SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	383
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



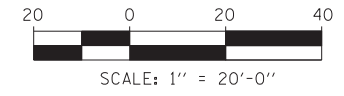
STAGE 1

MATCHLINE D-D
(SEE SHEET 1 OF 3 - LEFT)



STAGE 1

MATCHLINE B-B
(SEE SHEET 1 OF 3 RIGHT)

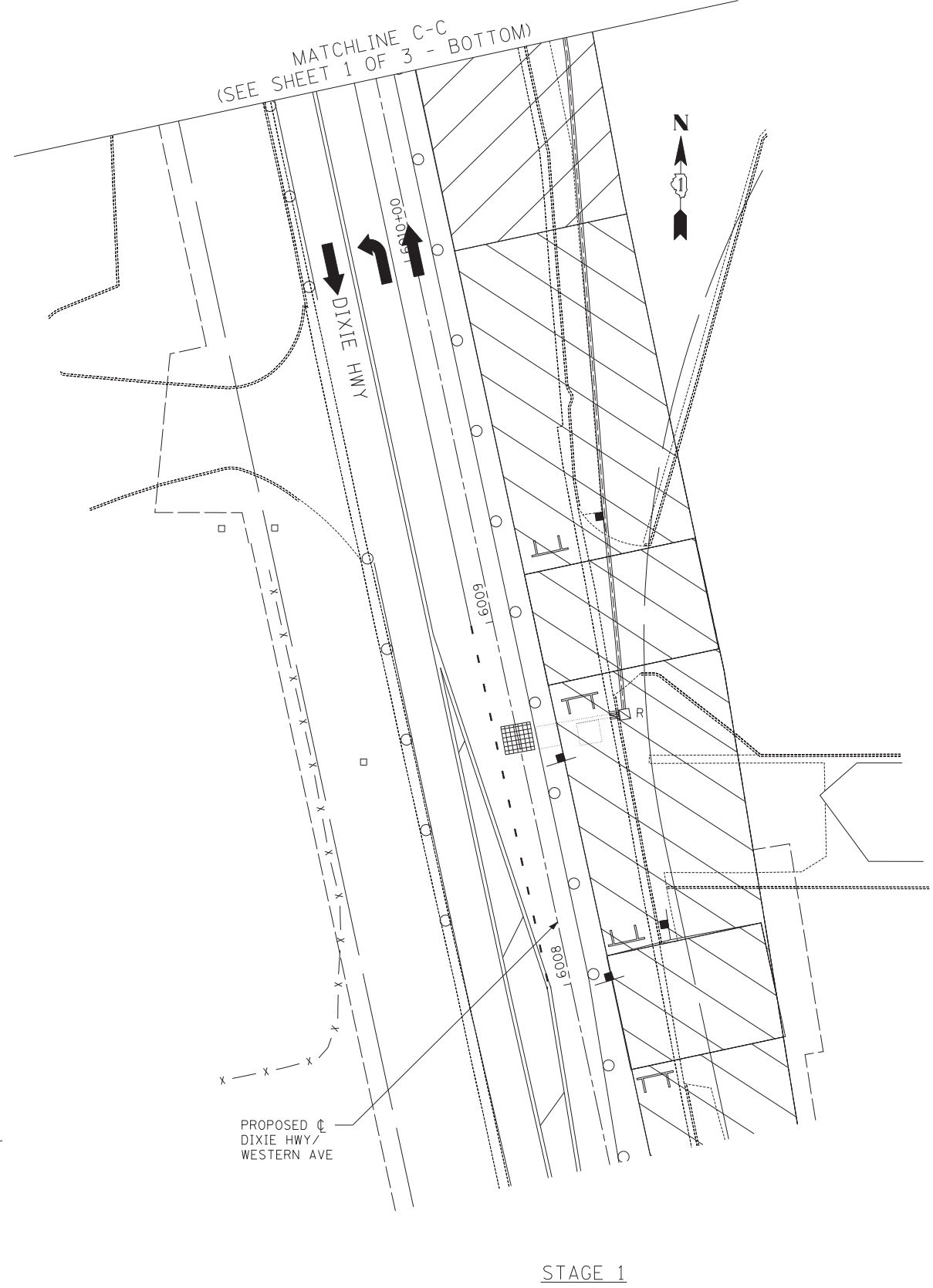
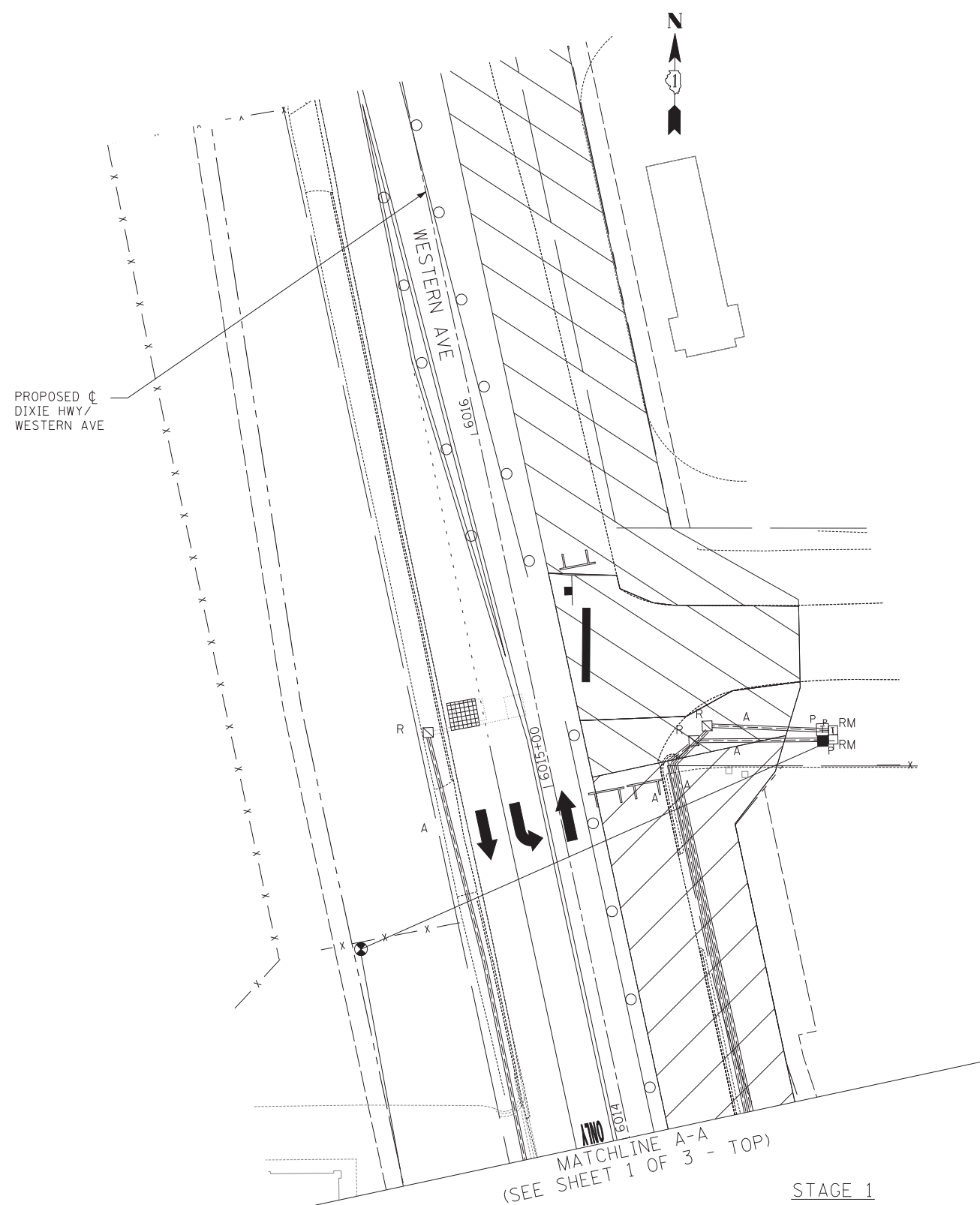


TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
		DRAWN - MBR	REVISED -
	PLOT SCALE =	CHECKED - DAJ	REVISED -
	PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

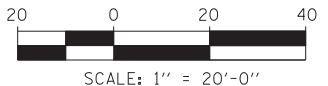
147TH STREET PROJECT TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN IL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE			
SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	384
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



STAGE 1

STAGE 1



TYLIN INTERNATIONAL

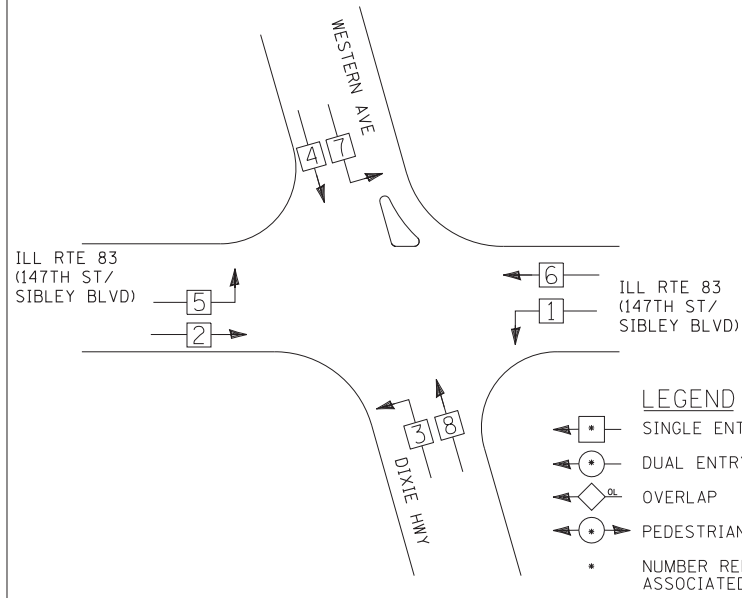
USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
IL RTE 93 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE**

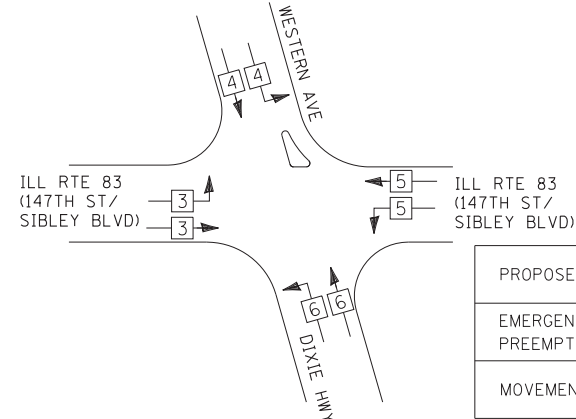
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	385
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

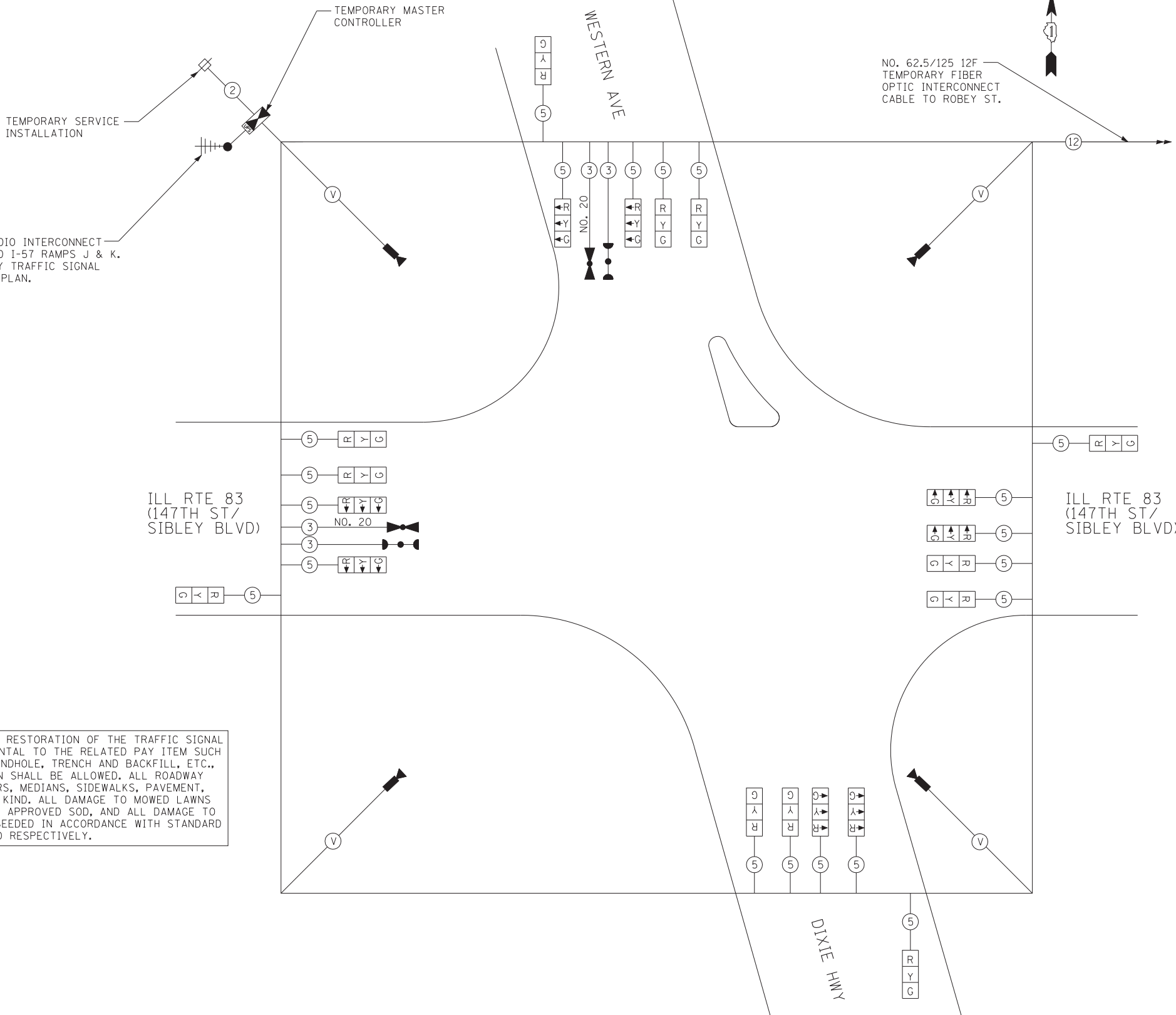


PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	24		12	0.10	28.8
PED. SIGNAL	0		25	1.00	0.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER	0			0.05	0.0
ENERGY COSTS TO:		TOTAL =		500.8	
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT PHONE: (708) 235-2337 WITH COMED NEW BUSINESS COMPANY: COMED SERVICES AT (866) 639-3532					



TEMPORARY CABLE PLAN

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
PLOT SCALE =	DRAWN - MBR	REVISED -
PLOT DATE =	CHECKED - DAJ	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEET STA. TO STA.

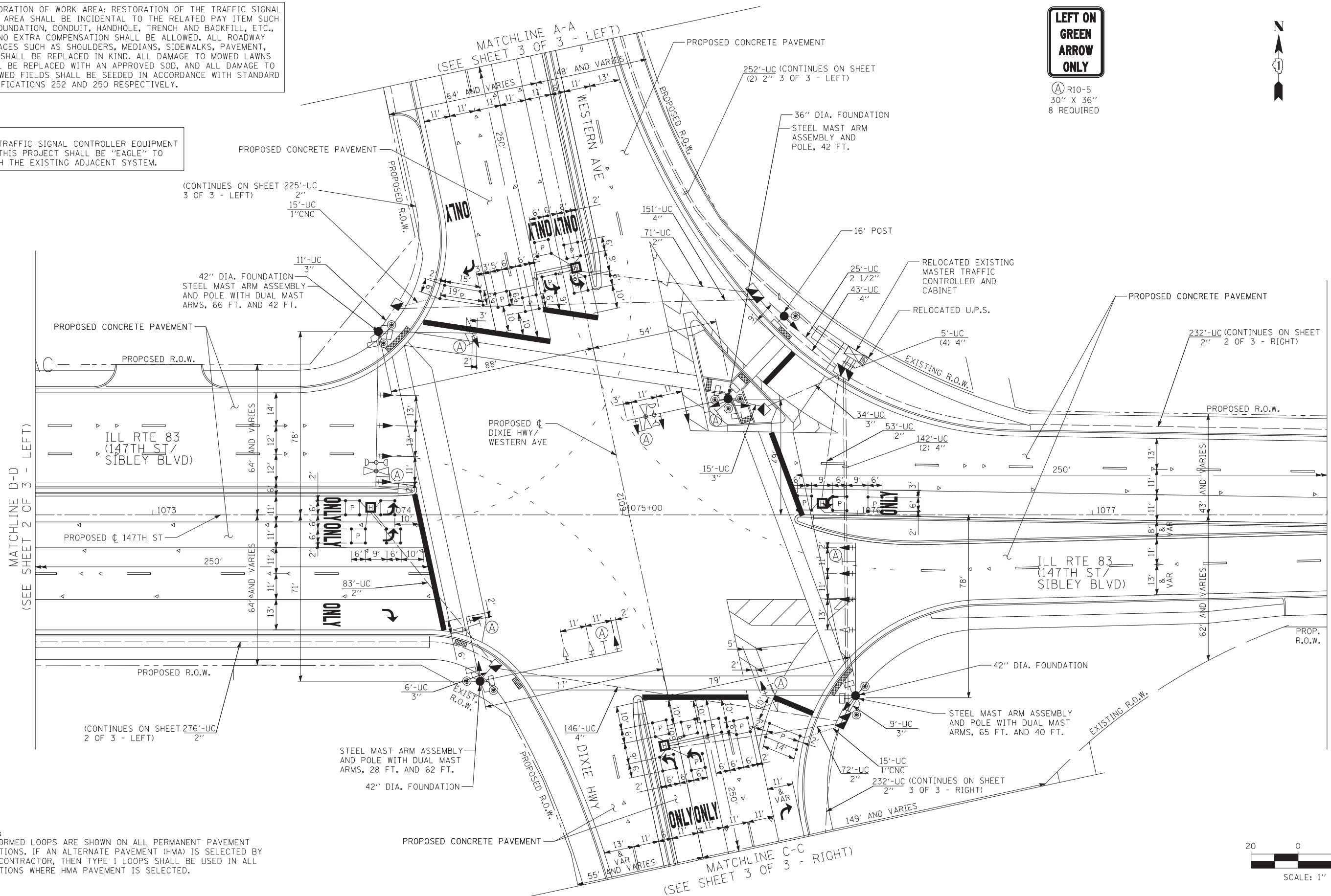
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	386
CONTRACT NO. 60M57			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

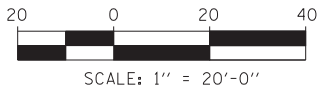
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

LEFT ON GREEN ARROW ONLY

Ⓐ R10-5
30" X 36"
8 REQUIRED



NOTE:
PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



TYLIN INTERNATIONAL

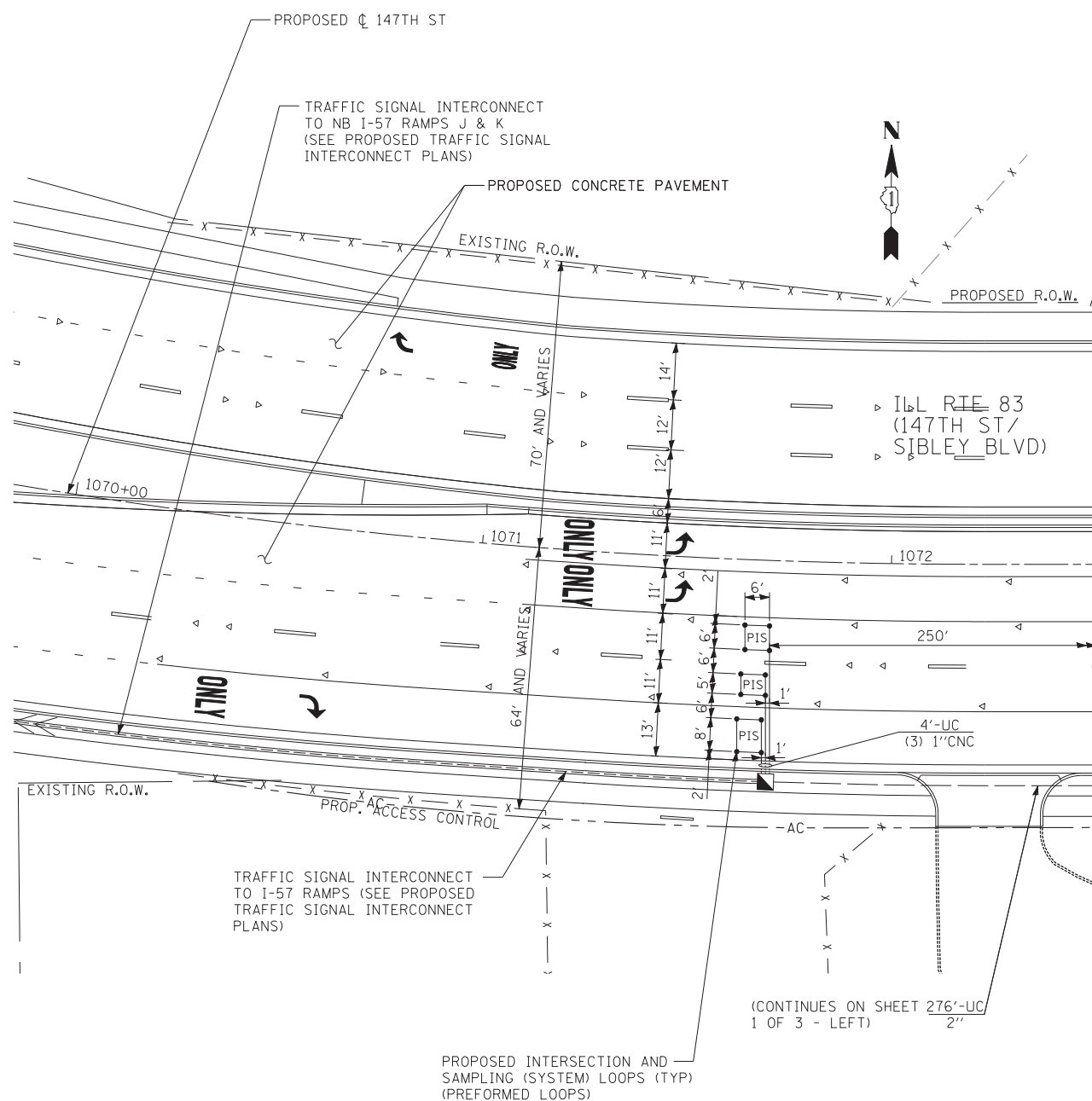
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DRAWN - JDF	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

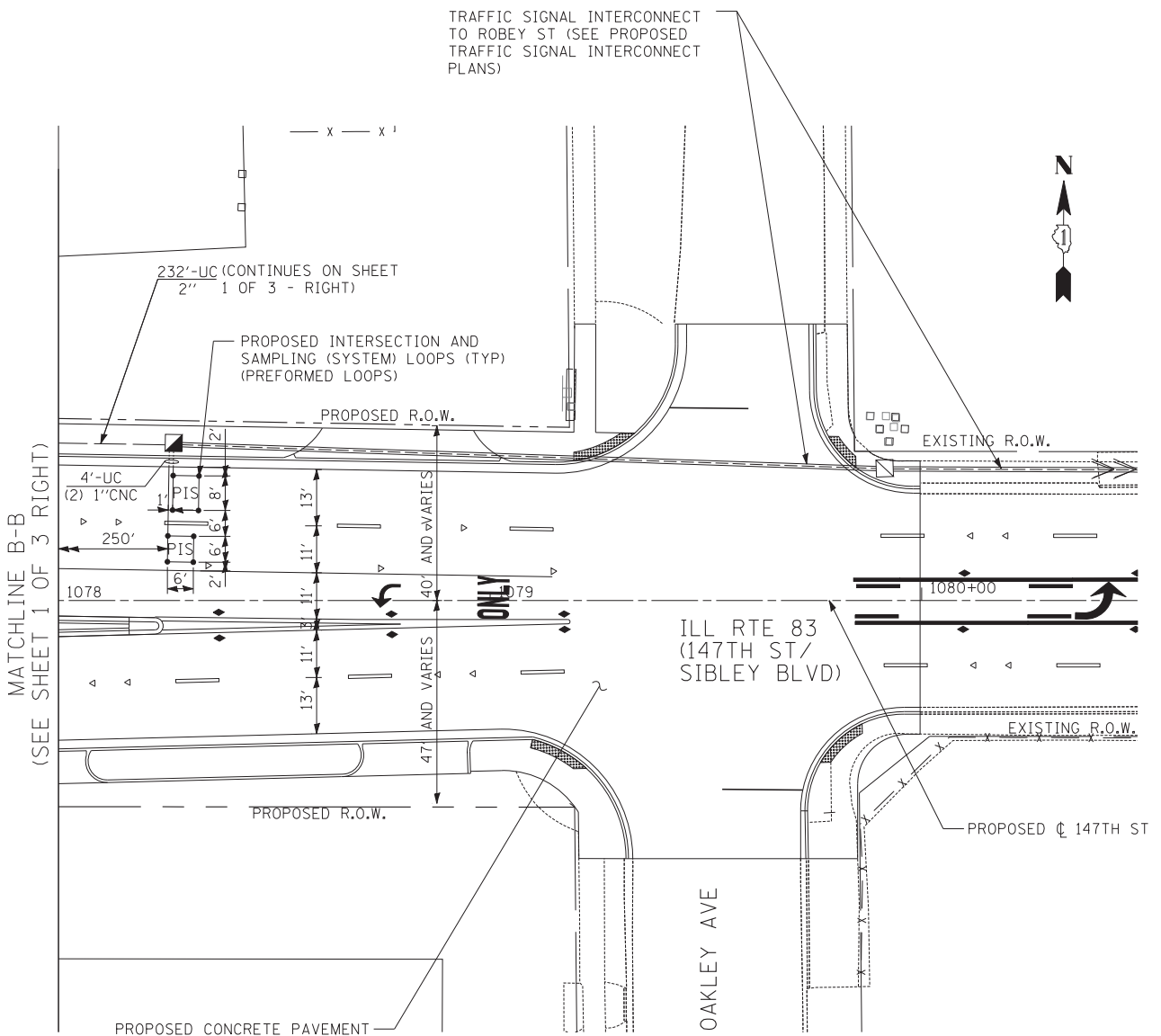
**147TH STREET PROJECT
TRAFFIC SIGNAL MODERNIZATION PLAN
ILL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE**

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	387
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

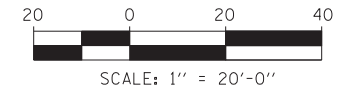


MATCHLINE D-D
(SEE SHEET 1 OF 3 - LEFT)



MATCHLINE B-B
(SEE SHEET 1 OF 3 RIGHT)

NOTE:
PERFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



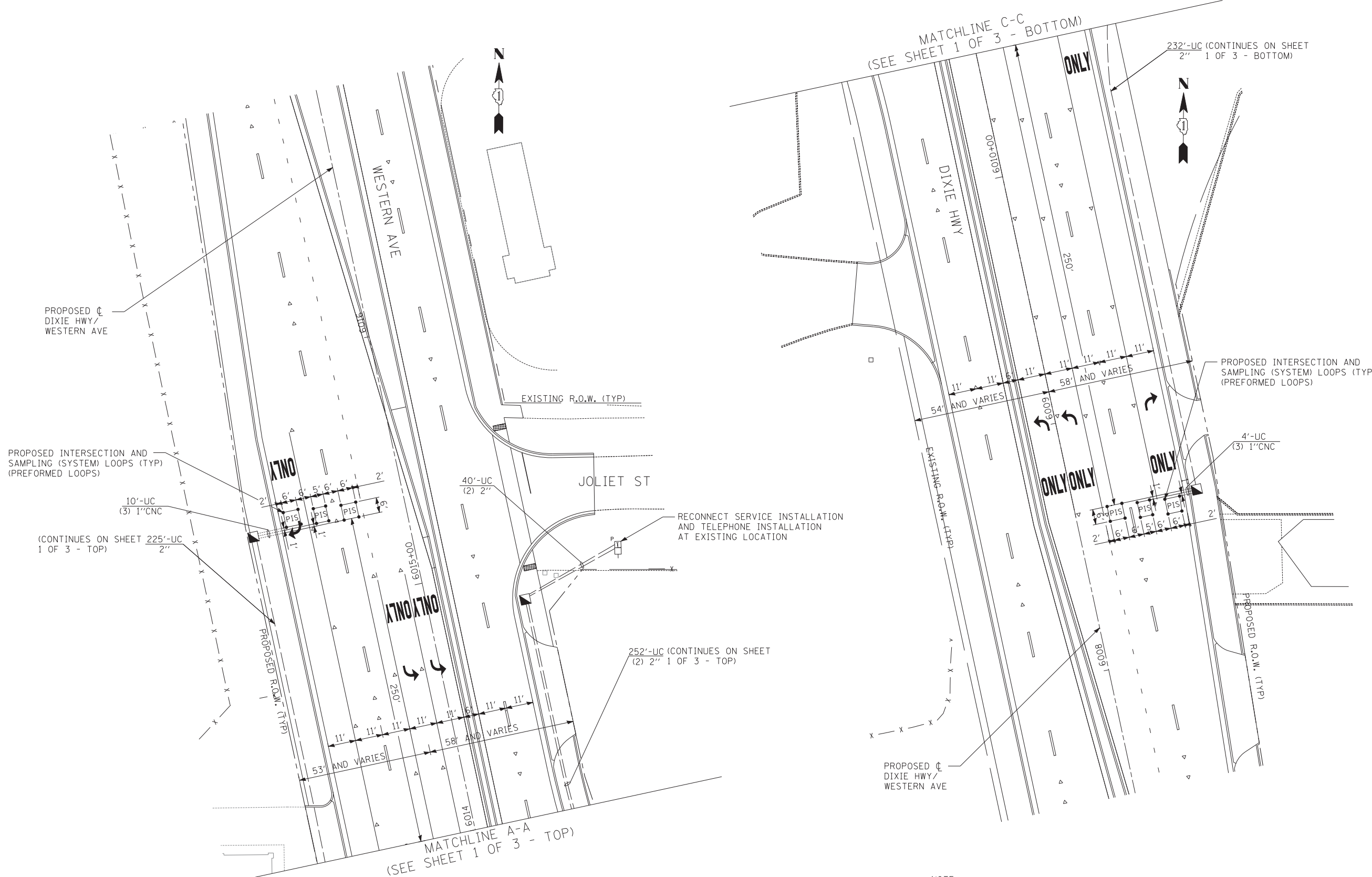
TYLIN INTERNATIONAL

USER NAME =	DESIGNED - JDF	REVISED -
DRAWN - JDF	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

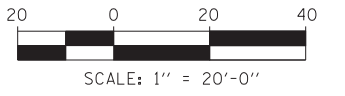
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TRAFFIC SIGNAL MODERNIZATION PLAN
ILL RTE. 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	388
			CONTRACT NO. 60M57	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE:
 PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - JDF	REVISED -
DRAWN - JDF	REVISED -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

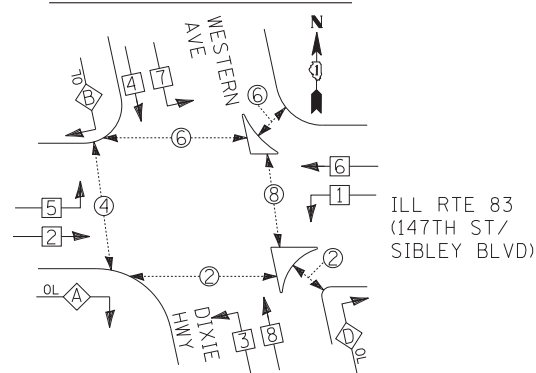
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
 TRAFFIC SIGNAL MODERNIZATION PLAN
 ILL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE**

SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	389
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTROLLER SEQUENCE

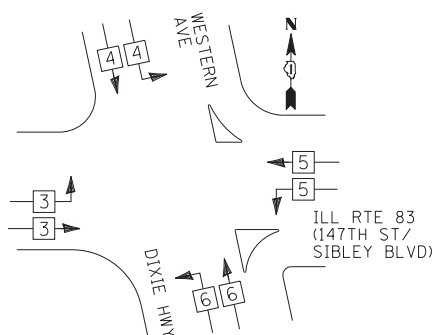


PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
D	= 8	+ 1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	I.D.O.T. HARVEY
SIGN PANEL - TYPE 1	SOFT	60
REMOVE SIGN PANEL - TYPE 2	SOFT	58
RELOCATE SIGN PANEL - TYPE 2	SOFT	58
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1596
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	25
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	75
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	644
HANDHOLE	EACH	8
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	3
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1931
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2001
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4892
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1739
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	9251
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	319
ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	1170
GROUNDING CONDUCTOR, NO. 6 1C	FOOT	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 62 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E	FOOT	13
36-INCH DIAMETER CONCRETE FOUNDATION, TYPE E	FOOT	74
42-INCH DIAMETER SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	16
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	20
INDUCTIVE LOOP DETECTOR	EACH	24
PEDESTRIAN PUSH-BUTTON	EACH	10
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	6
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	5
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	12
REMOVE EXISTING DOUBLE HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	--
SENSOR CABLE, NO. 20 3/C	FOOT	474
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 65 FT. AND 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 66 FT. AND 42 FT.	EACH	1

SCHEDULE OF QUANTITIES FOR ALTERNATE PAVEMENT

PAY ITEM	UNIT	ALT "A"	ALT "B"
DETECTOR LOOP, TYPE I	FOOT	--	1163
PREFORMED DETECTOR LOOP	FOOT	--	--

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	17		17	0.50	144.5
(YELLOW)	17		25	0.25	106.3
(GREEN)	17		15	0.25	63.8
ARROW	36		12	0.10	43.2
PED. SIGNAL	10		25	1.00	250.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	0		25	0.05	0.0
FLASHER	0			0.05	0.0

ENERGY COSTS TO: TOTAL = 707.8

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: *KATHRYN SUGRUE *MAKE INITIAL CONTACT
PHONE: (708) 235-2337 WITH COMED NEW BUSINESS
COMPANY: COMED SERVICES AT (866) 639-3532

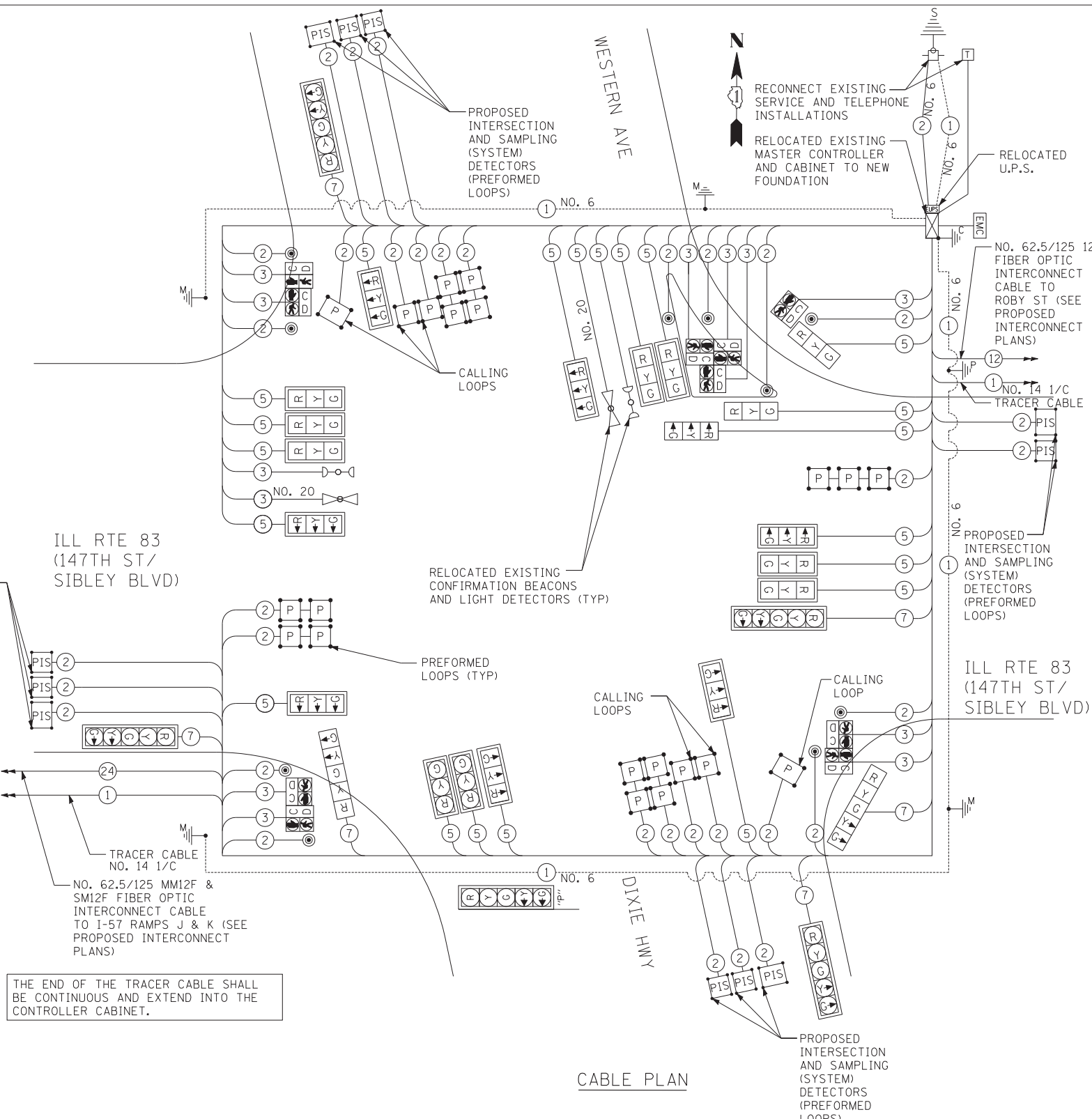
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PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILL RTE 83 (147TH STREET/SIBLEY BLVD) AND DIXIE HWY/WESTERN AVE

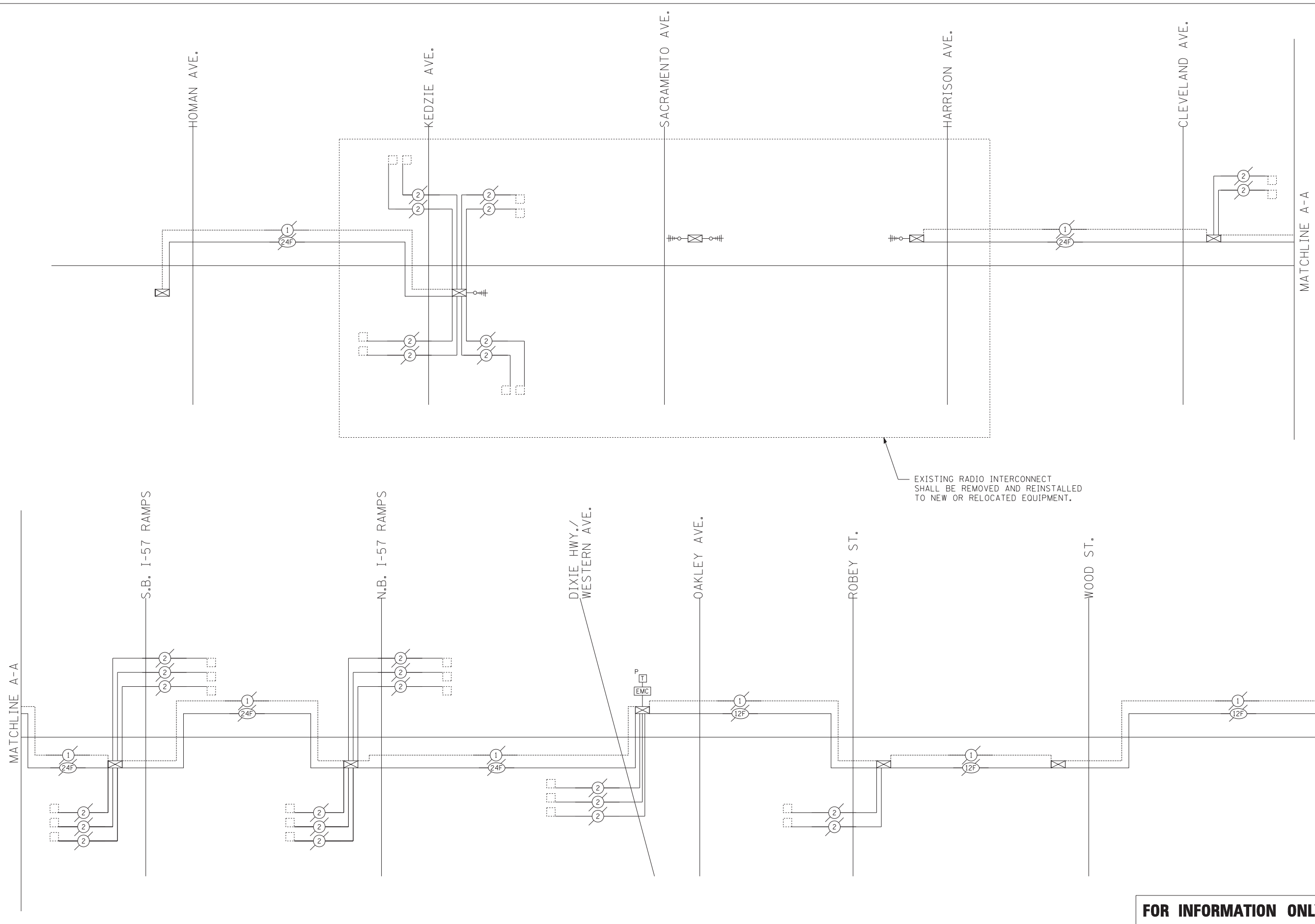
SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	390
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

NOTE:
PREFORMED LOOPS ARE SHOWN ON ALL PERMANENT PAVEMENT LOCATIONS. IF AN ALTERNATE PAVEMENT (HMA) IS SELECTED BY THE CONTRACTOR, THEN TYPE I LOOPS SHALL BE USED IN ALL LOCATIONS WHERE HMA PAVEMENT IS SELECTED.



EXISTING RADIO INTERCONNECT SHALL BE REMOVED AND REINSTALLED TO NEW OR RELOCATED EQUIPMENT.

FOR INFORMATION ONLY

TYLIN INTERNATIONAL

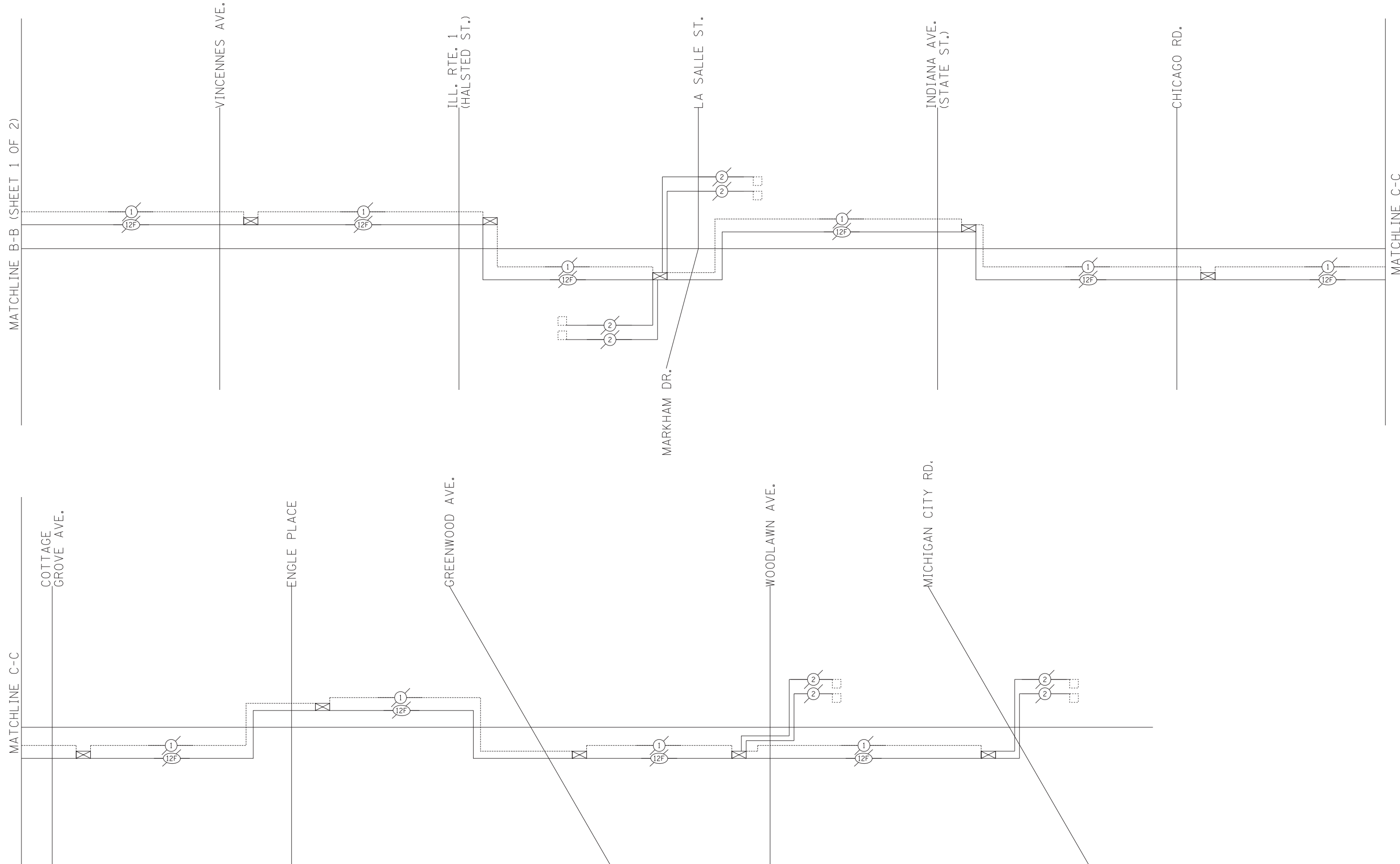
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DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
EXISTING TRAFFIC SIGNAL INTERCONNECT SCHEMATIC ALONG
ILL. RTE. 83 (147TH ST.) FROM HOMAN AVE. TO MICHIGAN CITY RD.**

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	391
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



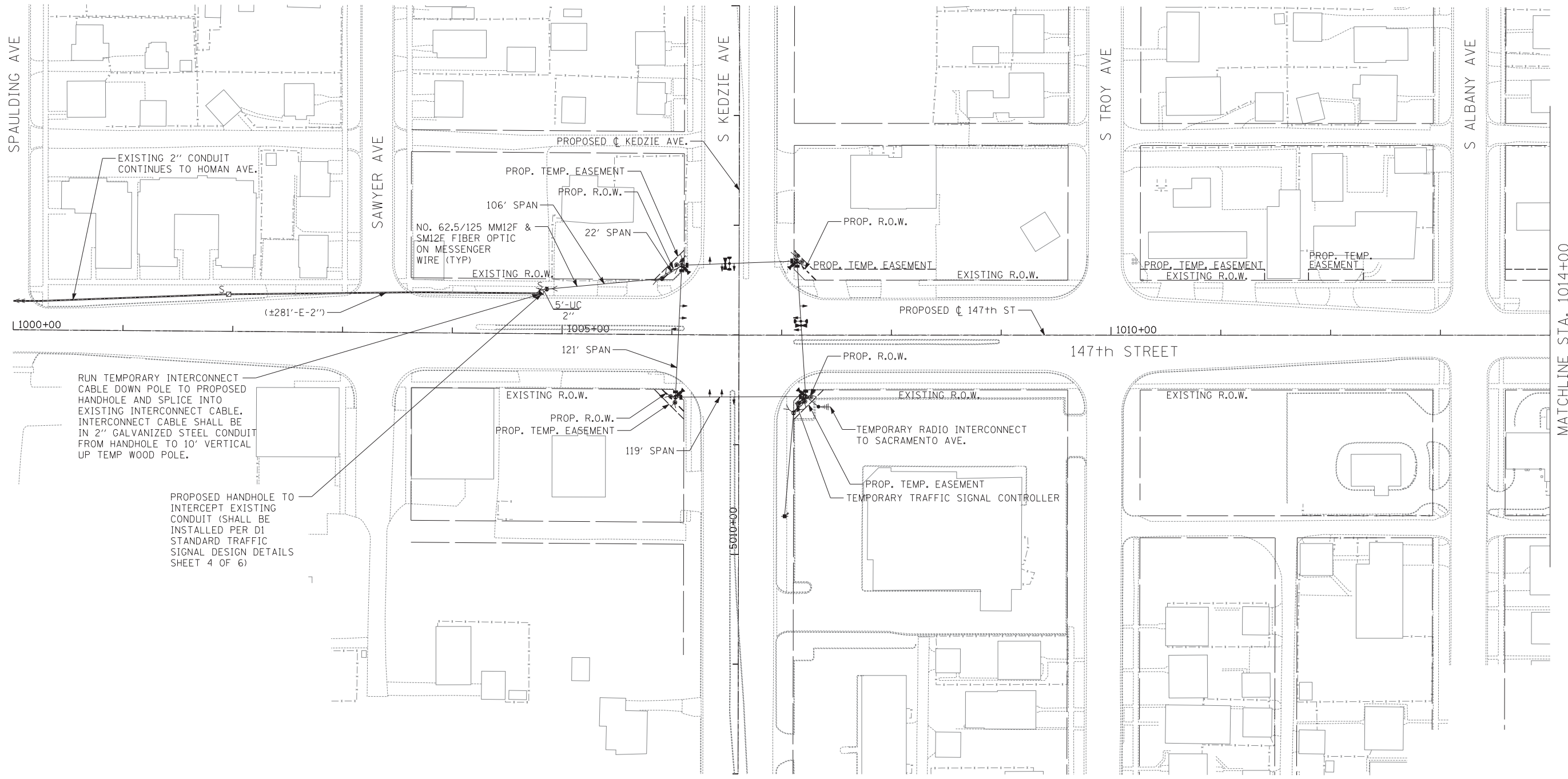
FOR INFORMATION ONLY

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
		DRAWN - MBR	REVISED -
	PLOT SCALE =	CHECKED - DAJ	REVISED -
	PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

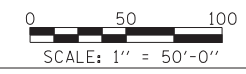
147TH STREET PROJECT			
EXISTING TRAFFIC SIGNAL INTERCONNECT SCHEMATIC ALONG ILL. RTE. 63 (147TH ST.) FROM HOMAN AVE. TO MICHIGAN CITY RD.			
SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	392
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



RUN TEMPORARY INTERCONNECT CABLE DOWN POLE TO PROPOSED HANDHOLE AND SPLICE INTO EXISTING INTERCONNECT CABLE. INTERCONNECT CABLE SHALL BE IN 2" GALVANIZED STEEL CONDUIT FROM HANDHOLE TO 10' VERTICAL UP TEMP WOOD POLE.

PROPOSED HANDHOLE TO INTERCEPT EXISTING CONDUIT (SHALL BE INSTALLED PER D1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS SHEET 4 OF 6)



TYLIN INTERNATIONAL

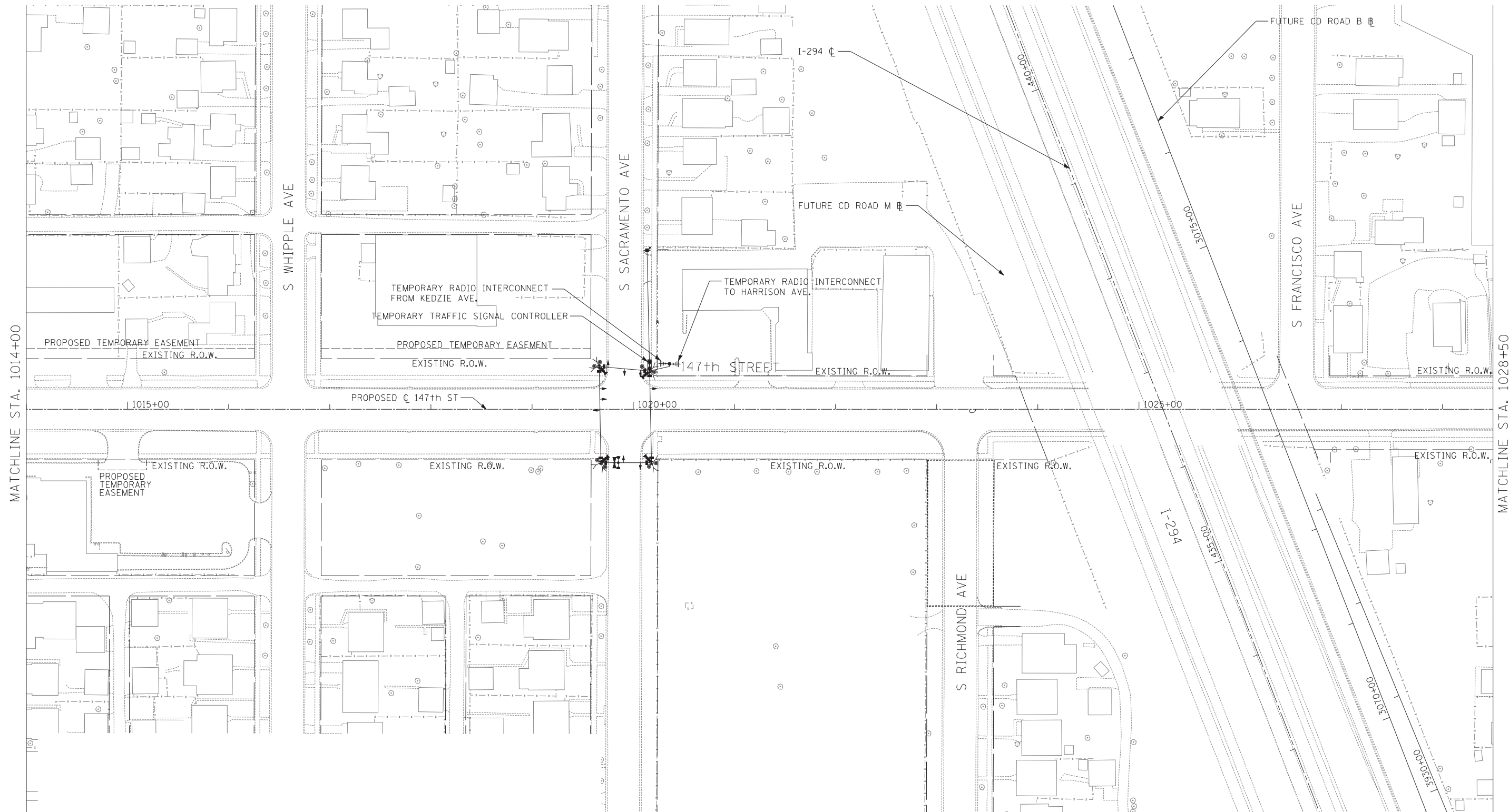
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PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. 1000+00 TO STA. 1014+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	393
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



SCALE: 1" = 50'-0"

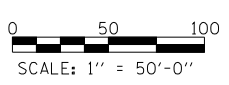
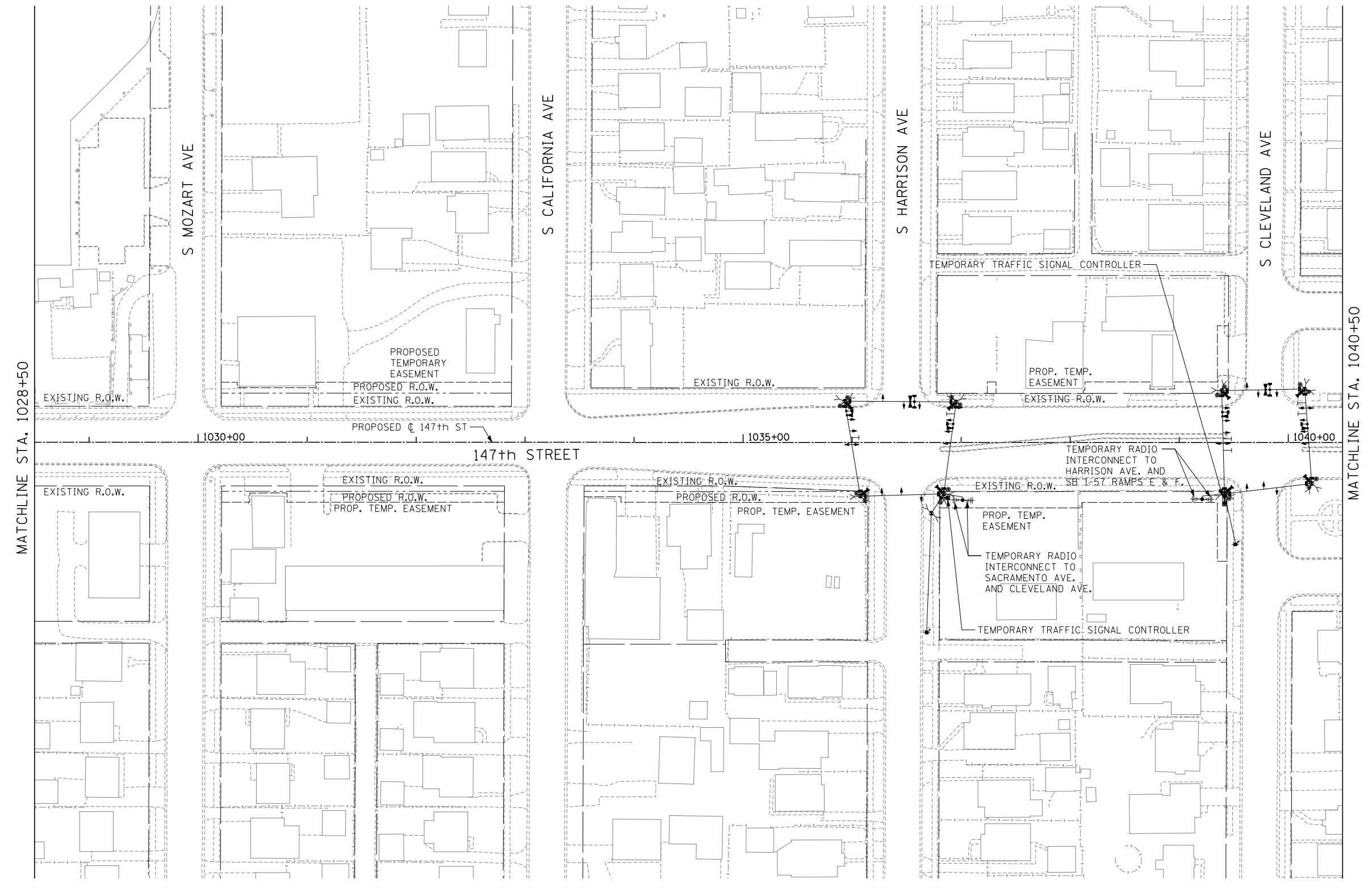
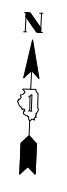
TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
	PLOT SCALE =	DRAWN - MBR	REVISED -
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 1014+00 TO STA. 1028+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	394
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TYLIN INTERNATIONAL

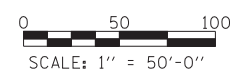
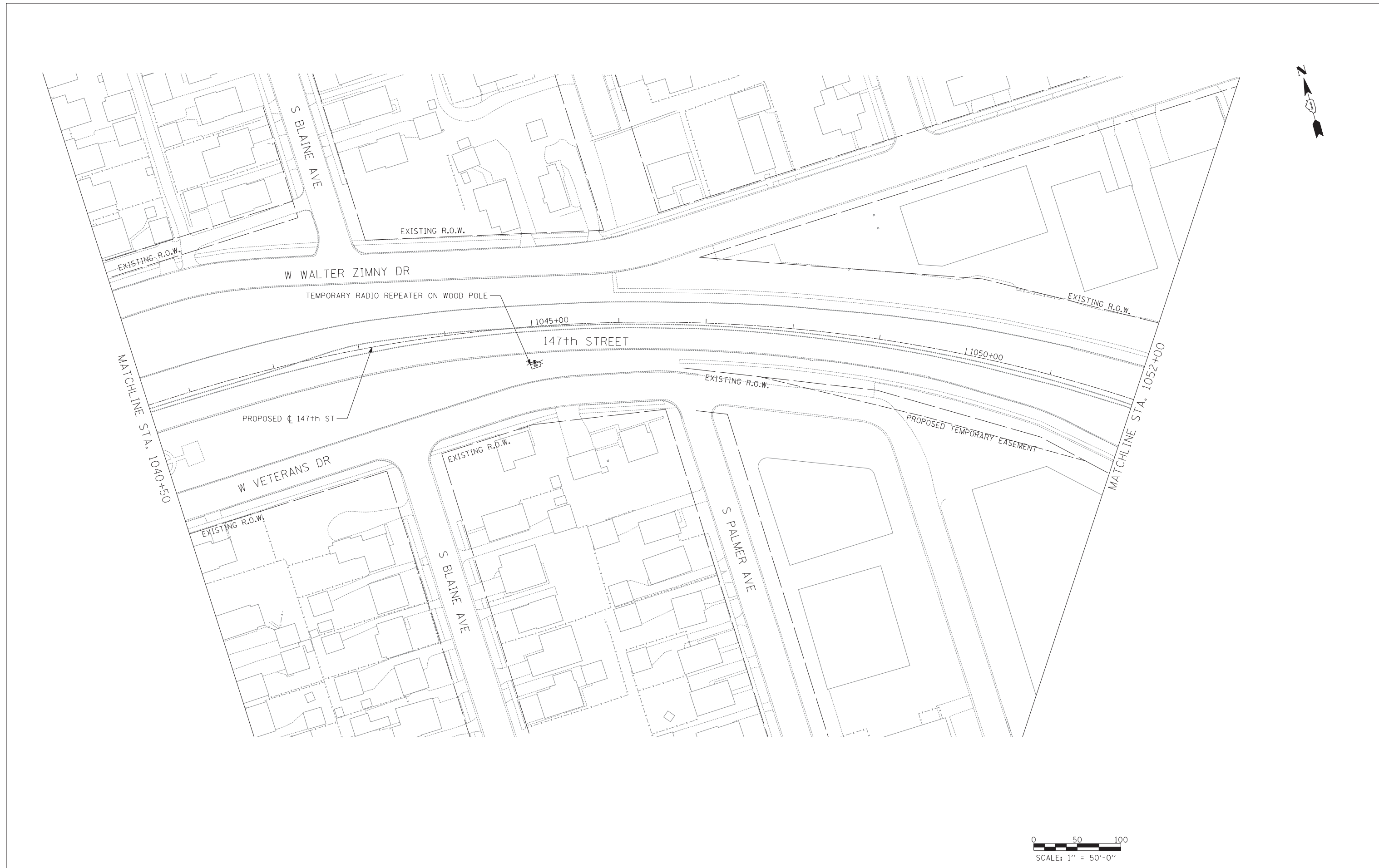
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DRAWN - MBR	REVISOR -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED - 8/1/2012

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. 1028+50 TO STA. 1040+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	395
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYLIN INTERNATIONAL

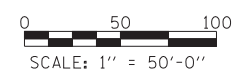
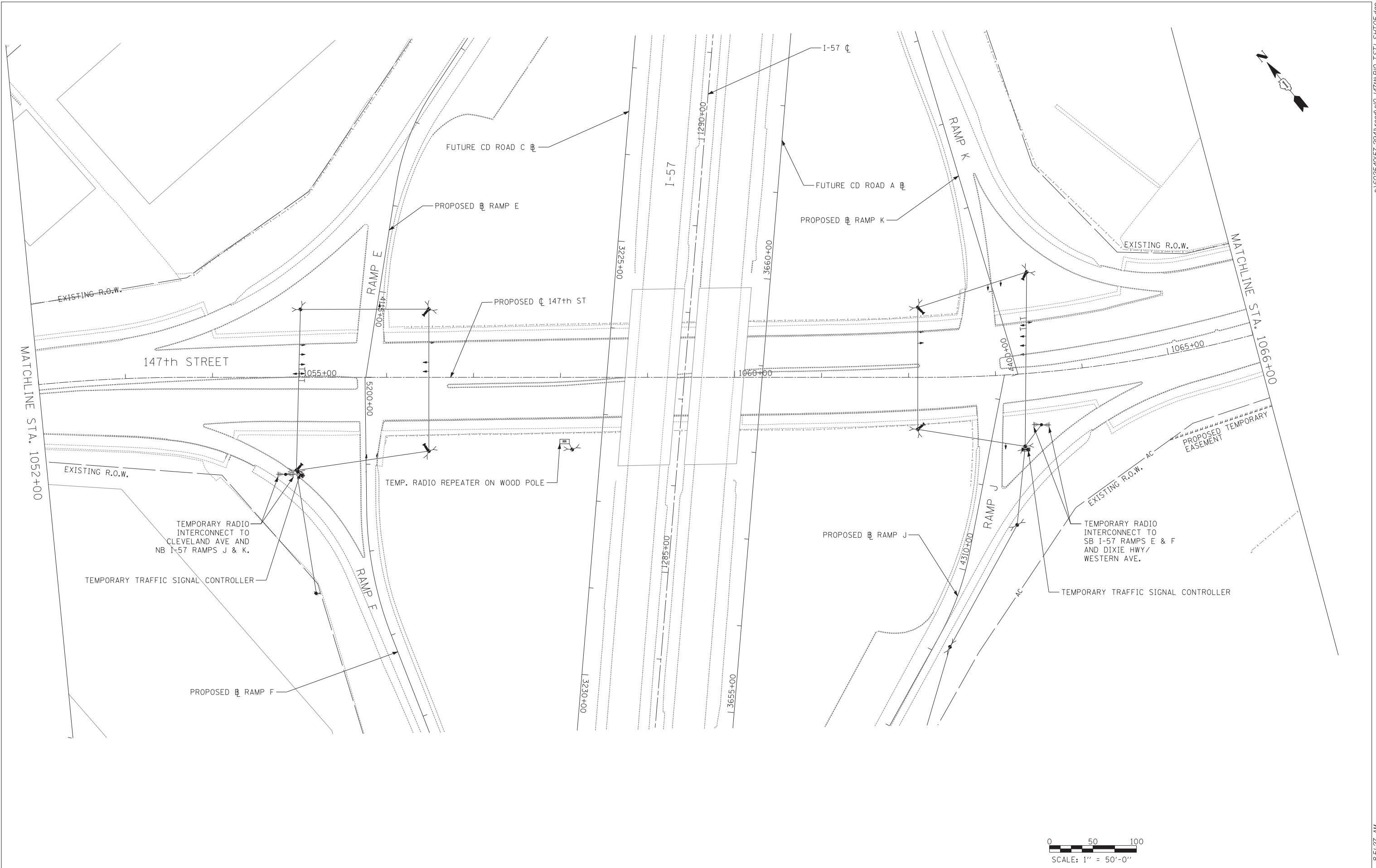
USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 1040+50 TO STA. 1052+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	396
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

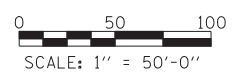
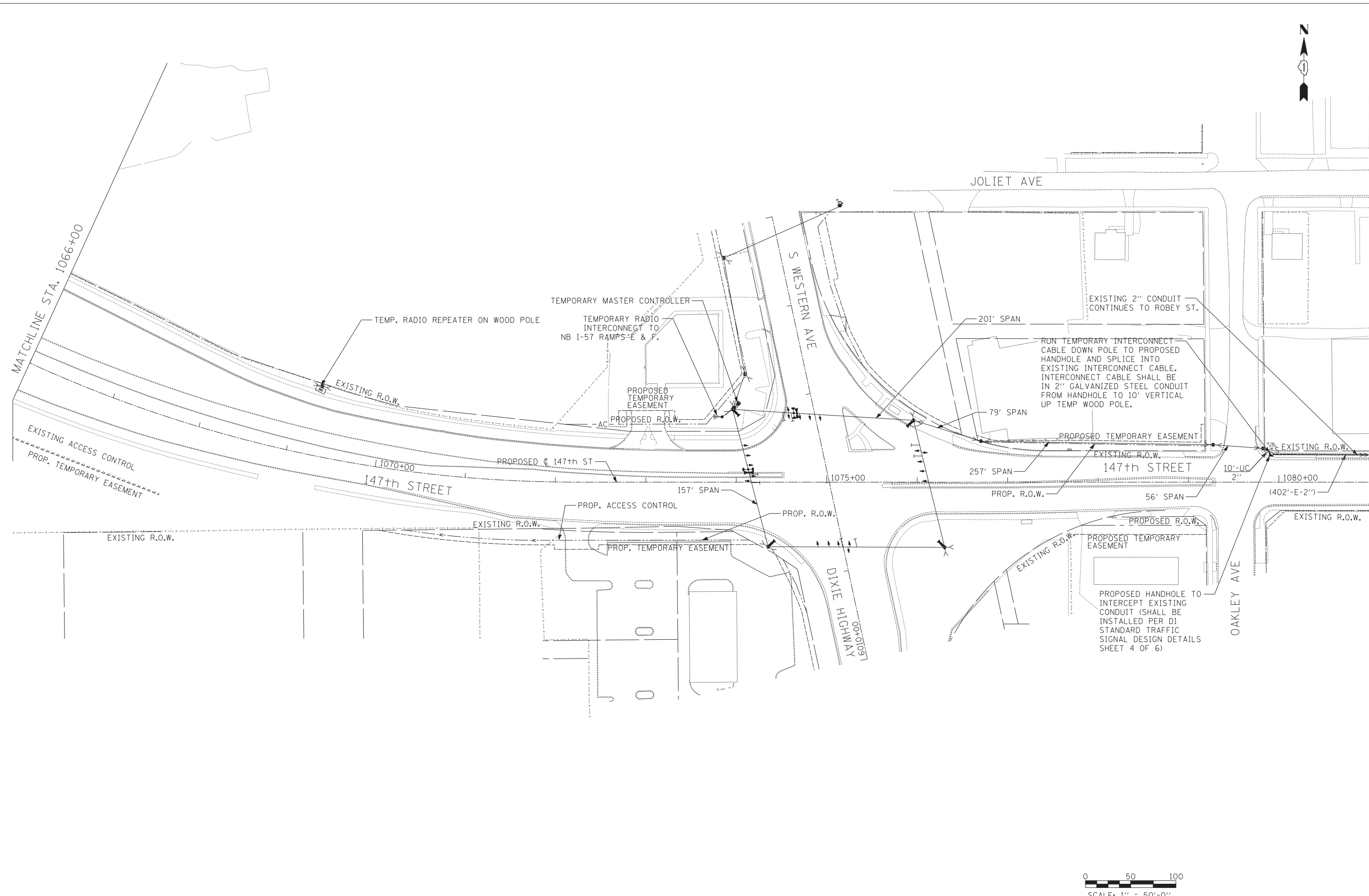


TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MBR	REVISED -
		DRAWN - MBR	REVISED -
	PLOT SCALE =	CHECKED - DAJ	REVISED -
	PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

147TH STREET PROJECT			
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN			
SCALE: 1"=50'	SHEET NO. 5 OF 6 SHEETS	STA. 1052+00 TO STA. 1066+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	397
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



TYLIN INTERNATIONAL

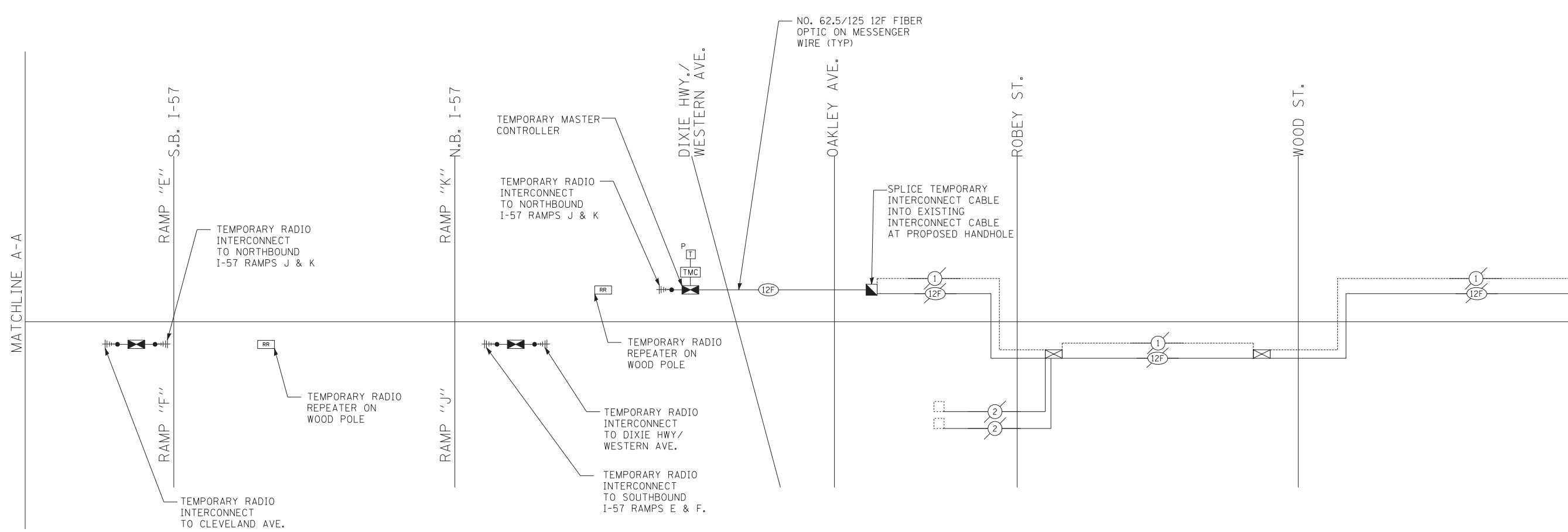
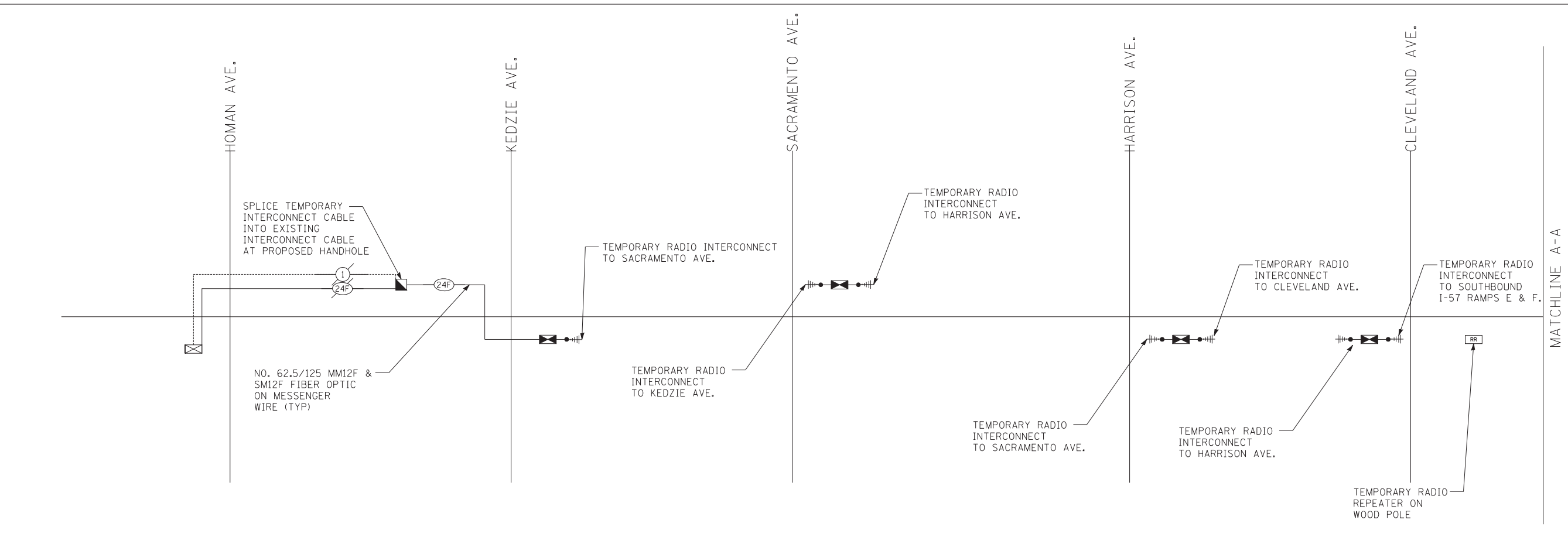
USER NAME =	DESIGNED - MBR	REVISED -
	DRAWN - MBR	REVISED -
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 1066+00 TO STA. 1081+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	398
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MATCHLINE (SEE EXISTING TRAFFIC SIGNAL INTERCONNECT SCHEMATIC SHEET 2 OF 2)

TYLIN INTERNATIONAL

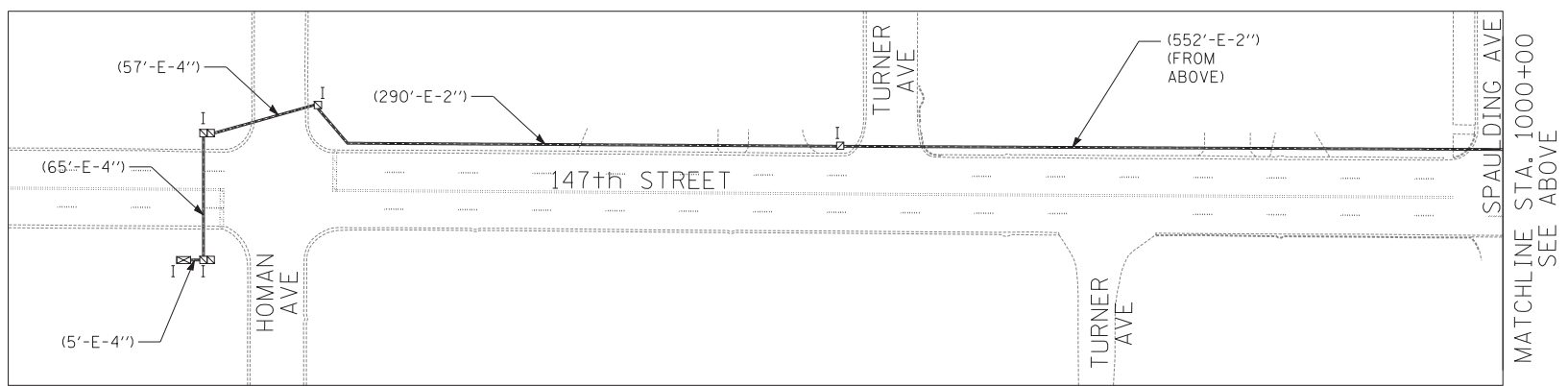
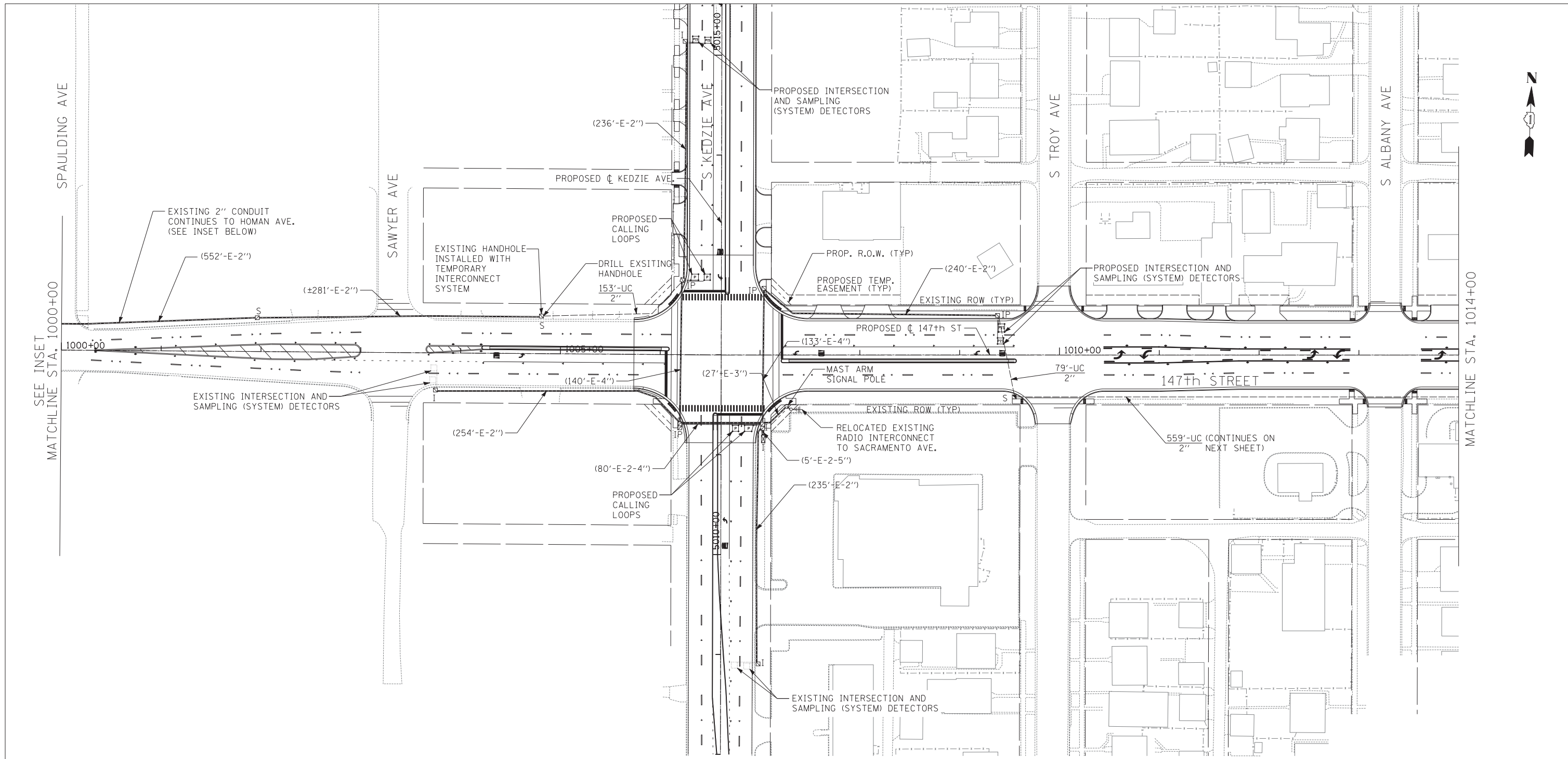
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DRAWN - MBR	REVISED -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
TEMPORARY TRAFFIC SIGNAL INTERCONNECT SCHEMATIC ALONG
ILL. RTE. 83 (147TH ST.) FROM HOMAN AVE. TO MICHIGAN CITY RD.**

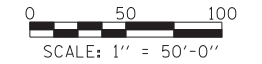
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	399
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



NOTES:

1. RADIO INTERCONNECT TO REMAIN AT KEDZIE, SACRAMENTO, AND HARRISON. WHEN ADJACENT CONTRACT IS BUILT FROM SACRAMENTO AVE TO MOZART AVE, THE SIGNAL AT SACRAMENTO WILL BE REMOVED AND THE EXISTING RADIO INTERCONNECT WILL BE REPLACED WITH NEW FIBER INTERCONNECT WHICH WILL BE RUN FROM KEDZIE AVE TO I-294 EXIT RAMP, TO I-294 ENTRANCE RAMP, TO HARRISON AVE. HANDHOLES AND CONDUIT RUNS ARE BEING PROVIDED WITHIN THESE CONTRACT LIMITS TO FACILITATE THE FUTURE INTERCONNECT CABLE.
2. EXISTING CONDUIT LENGTHS AND THE LOCATION OF OTHER TRAFFIC SIGNAL INTERCONNECT APPURTENANCES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF THE PROPOSED INTERCONNECT SYSTEM FROM HOMAN AVE TO KEDZIE AVE.



TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MBR	REVISED -
DRAWN - MBR	REVISIONS -	
PLOT SCALE =	CHECKED - DAJ	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT
PROPOSED TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 7 SHEETS HOMAN AVE TO STA. 1014+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	400
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	