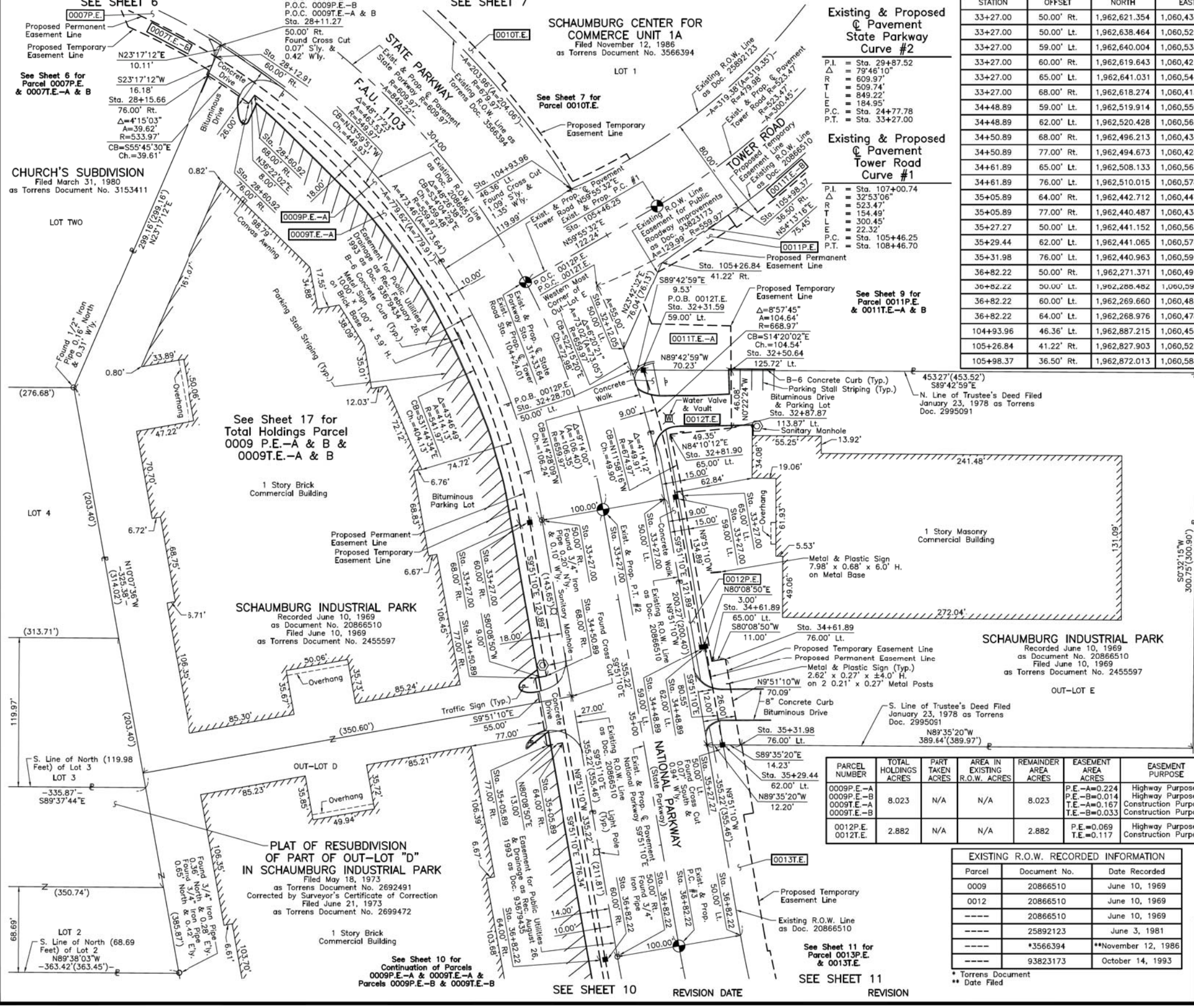


PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES
Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
33+27.00	50.00' Rt.	1,962,621.354	1,060,431.156
33+27.00	50.00' Lt.	1,962,638.464	1,060,529.677
33+27.00	59.00' Lt.	1,962,640.004	1,060,538.544
33+27.00	60.00' Rt.	1,962,619.643	1,060,421.304
33+27.00	65.00' Lt.	1,962,641.031	1,060,544.455
33+27.00	68.00' Rt.	1,962,618.274	1,060,413.423
34+48.89	59.00' Lt.	1,962,519.914	1,060,559.400
34+48.89	62.00' Lt.	1,962,520.428	1,060,562.356
34+50.89	68.00' Rt.	1,962,496.213	1,060,434.622
34+50.89	77.00' Rt.	1,962,494.673	1,060,425.755
34+61.89	65.00' Lt.	1,962,508.133	1,060,567.536
34+61.89	76.00' Lt.	1,962,510.015	1,060,578.373
35+05.89	64.00' Rt.	1,962,442.712	1,060,447.974
35+05.89	77.00' Rt.	1,962,440.487	1,060,435.166
35+27.27	50.00' Lt.	1,962,441.152	1,060,563.945
35+29.44	62.00' Lt.	1,962,441.065	1,060,576.140
35+31.98	76.00' Lt.	1,962,440.963	1,060,590.366
36+82.22	50.00' Rt.	1,962,271.371	1,060,491.940
36+82.22	60.00' Lt.	1,962,269.660	1,060,482.088
36+82.22	64.00' Lt.	1,962,268.976	1,060,478.147
104+93.96	46.36' Lt.	1,962,887.215	1,060,455.240
105+26.84	41.22' Rt.	1,962,827.903	1,060,527.582
105+98.37	36.50' Rt.	1,962,872.013	1,060,588.790

LEGEND

SECTION CORNER 16 15

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
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.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
28+11.27	50.00' Rt.	1,963,001.948	1,060,173.720
28+12.91	60.00' Rt.	1,962,992.661	1,060,169.723
28+15.66	76.00' Rt.	1,962,977.794	1,060,163.325
28+60.92	68.00' Rt.	1,962,961.950	1,060,200.810
28+60.92	76.00' Rt.	1,962,955.508	1,060,196.067
32+12.05	50.00' Lt.	1,962,758.282	1,060,497.007
32+28.70	50.00' Lt.	1,962,741.334	1,060,503.132
32+31.59	59.00' Lt.	1,962,741.286	1,060,512.663
32+50.64	125.72' Lt.	1,962,740.939	1,060,582.896
32+81.90	65.00' Lt.	1,962,689.845	1,060,534.105
32+87.87	113.87' Lt.	1,962,694.857	1,060,583.196

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0009P.E.-A 0009P.E.-B 0009T.E.-A 0009T.E.-B	8.023	N/A	N/A	8.023	P.E.=A=0.224 P.E.=B=0.014 T.E.=A=0.167 T.E.=B=0.033	Highway Purposes Highway Purposes Construction Purposes Construction Purposes	07-11-400-027 07-11-400-028 07-11-400-062
0012P.E. 0012T.E.	2.882	N/A	N/A	2.882	P.E.=0.069 T.E.=0.117	Highway Purposes Construction Purposes	07-11-401-005

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0009	20866510	June 10, 1969
0012	20866510	June 10, 1969
----	20866510	June 10, 1969
----	25892123	June 3, 1981
----	*3566394	**November 12, 1986
----	93823173	October 14, 1993

IDOT USE ONLY

USER NAME	DESIGNED	REVISION
jet	JAT	-
	JAT	-
	DJK	-
	-	-

DRAWN - JAT
CHECKED - DJK
DATE - 10/05/2018

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLAT OF HIGHWAYS**

SHEET 8 OF 20 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	101

CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT

FILE NAME = ...NI-PlatofHighways\Plat.dgn

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0011P.E. 0011T.E.-A 0011T.E.-B	6.239	N/A	N/A	6.239	P.E.=0.012 T.E.-A=0.071 T.E.-B=0.037	Highway Purposes Construction Purposes Construction Purposes	07-11-401-002

Existing & Proposed Pavement State Parkway Curve #2

P.I. = Sta. 29+87.52
 Δ = 79°46'10"
 T = 609.97'
 R = 509.74'
 L = 849.22'
 E = 184.95'
 P.C. = Sta. 24+77.78
 P.T. = Sta. 33+27.00

Existing & Proposed Pavement Tower Road Curve #1

P.I. = Sta. 107+00.74
 Δ = 32°53'06"
 T = 523.47'
 R = 154.49'
 L = 300.45'
 E = 22.32'
 P.C. = Sta. 105+46.25
 P.T. = Sta. 108+46.70

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0011	20866510	June 10, 1969
0011	93823173	October 14, 1993
----	20866510	June 10, 1969
----	25892123	June 3, 1981
----	*3566394	**November 12, 1986

* Torrens Document
 ** Date Filed

PROJECT COORDINATES
 Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
105+26.84	41.22' Rt.	1,962,827.903	1,060,527.582
105+88.88	36.59' Rt.	1,962,866.075	1,060,580.550
105+88.88	46.50' Rt.	1,962,857.934	1,060,586.196
105+88.88	48.50' Rt.	1,962,856.290	1,060,587.335
105+98.37	36.50' Rt.	1,962,872.013	1,060,588.790
107+13.28	36.50' Rt.	1,962,954.209	1,060,679.860
107+13.39	48.50' Rt.	1,962,946.321	1,060,688.904
108+37.43	36.50' Rt.	1,963,062.941	1,060,755.570
108+37.43	43.50' Lt.	1,963,100.565	1,060,684.974

SCHAUMBURG CENTER FOR COMMERCE UNIT 1A
 Filed November 12, 1986
 as Torrens Document No. 3566394

See Sheet 7 for Parcel 0010T.E.

See Sheet 16 for Total Holdings Parcel 0011P.E. & 0011T.E.-A & B

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 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.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
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 To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

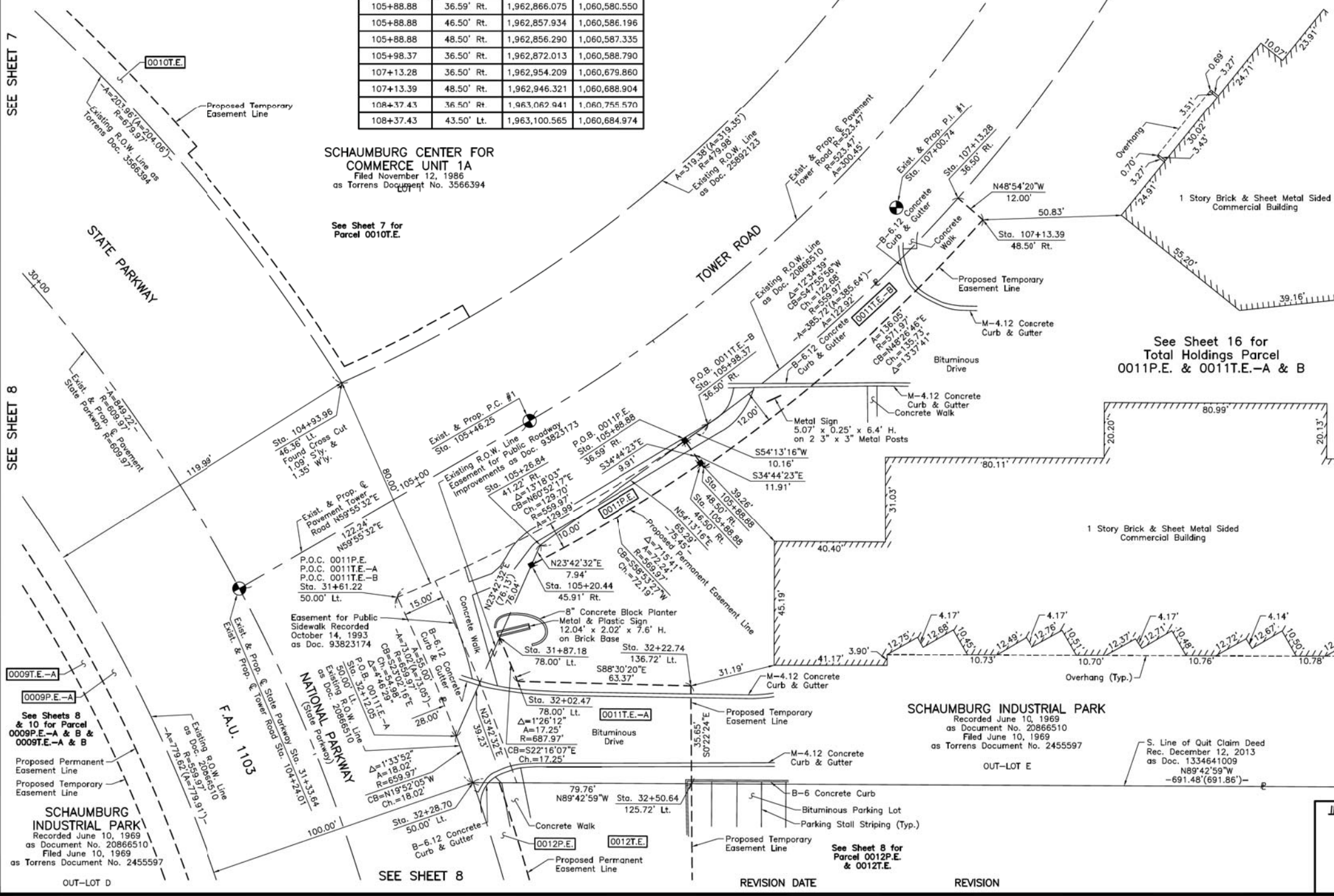
PROJECT COORDINATES
 Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
31+61.22	50.00' Lt.	1,962,808.878	1,060,475.491
31+87.18	78.00' Lt.	1,962,794.199	1,060,512.781
32+02.47	78.00' Lt.	1,962,778.236	1,060,519.317
32+12.05	50.00' Lt.	1,962,758.282	1,060,497.007
32+22.74	136.72' Lt.	1,962,776.584	1,060,582.664
32+28.70	50.00' Lt.	1,962,741.334	1,060,503.132
32+50.64	125.72' Lt.	1,962,740.939	1,060,582.896
104+93.96	46.36' Lt.	1,962,887.215	1,060,455.240
105+20.44	45.91' Rt.	1,962,820.637	1,060,524.391

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION 30+00 TO STATION 33+00
 STATION 104+24.01 TO STATION 108+46.70
 SCALE: 1"=20'
 SHEET 9 OF 20

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



SEE SHEET 7

SEE SHEET 8

SEE SHEET 8

SEE SHEET 8 for Parcel 0012P.E. & 0012T.E.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PLAT OF HIGHWAYS

USER NAME	DESIGNED	REVISION
jet	JAT	-
	JAT	-
	DJK	-
		-

DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10/05/2018

SHEET 9 OF 20 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	102

CONTRACT NO. 61F00
 ILLINOIS FED. AID PROJECT

FILE NAME = ...NI-PlatofHighways\Plat.dgn

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0009P.E.-A	8.023	N/A	N/A	8.023	P.E.-A=0.224	Highway Purposes	07-11-400-027
0009P.E.-B					P.E.-B=0.014	Highway Purposes	07-11-400-028
0009T.E.-A					T.E.-A=0.167	Construction Purposes	07-11-400-062
0009T.E.-B					T.E.-B=0.033	Construction Purposes	07-11-400-062

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
38+68.56	50.00' Rt.	1,962,081.992	1,060,548.130
39+25.04	50.00' Rt.	1,962,027.73	1,060,573.696
39+62.69	50.00' Rt.	1,961,992.596	1,060,592.836
299+61.54	28.38' Lt.	1,962,038.302	1,060,178.486
299+62.59	31.62' Rt.	1,961,978.298	1,060,179.500
301+92.13	30.86' Rt.	1,961,987.598	1,060,411.608
301+95.29	29.05' Lt.	1,962,047.547	1,060,409.206
302+24.60	27.49' Lt.	1,962,049.672	1,060,436.289
302+26.40	54.44' Lt.	1,962,076.485	1,060,433.130
302+67.49	25.18' Lt.	1,962,056.545	1,060,475.645
302+68.19	43.23' Lt.	1,962,074.037	1,060,471.128
302+96.27	23.61' Lt.	1,962,063.666	1,060,501.656
303+09.58	37.19' Rt.	1,962,012.254	1,060,536.823
303+15.36	40.67' Lt.	1,962,086.062	1,060,511.377
303+25.42	49.07' Lt.	1,962,097.542	1,060,516.360

Existing & Proposed Pavement National Parkway Curve #3

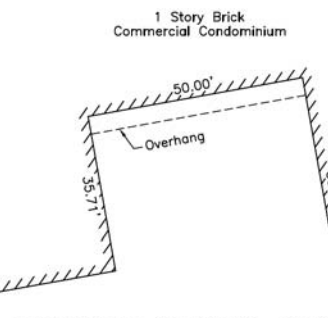
P.I. = Sta. 39+01.84
 Δ = 30°42'11"
 R = 799.96'
 T = 219.62'
 L = 428.68'
 E = 29.60'
 P.C. = Sta. 36+82.22
 P.T. = Sta. 41+10.90

Existing & Proposed Pavement Remington Road Curve #1

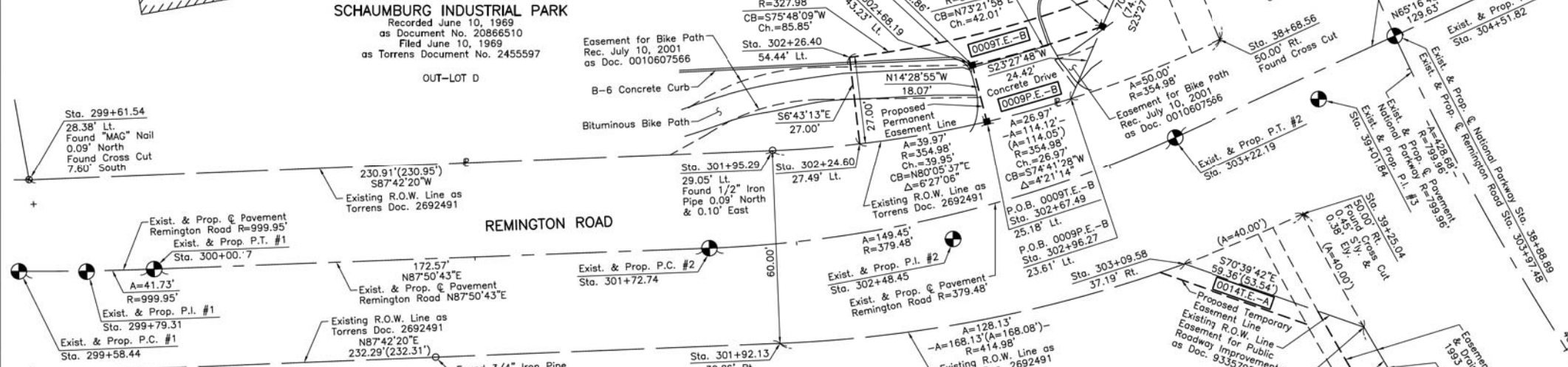
P.I. = Sta. 299+79.31
 Δ = 2°23'28"
 R = 999.95'
 T = 20.87'
 L = 41.73'
 E = 0.22'
 P.C. = Sta. 299+58.44
 P.T. = Sta. 300+00.17

Existing & Proposed Pavement Remington Road Curve #2

P.I. = Sta. 302+48.45
 Δ = 22°33'55"
 R = 379.48'
 T = 75.71'
 L = 149.45'
 E = 7.48'
 P.C. = Sta. 301+72.74
 P.T. = Sta. 303+22.19



See Sheet 17 for Total Holdings Parcel 0009P.E.-A & B & 0009T.E.-A & B



Parcel	Document No.	Date Recorded
0009	20866510	June 10, 1969
0009	*2692491	**May 18, 1973
0009	93679427	August 26, 1993
----	20866510	June 10, 1969
----	*2692491	**May 18, 1973
----	93357958	May 12, 1993
----	93679433	August 26, 1993

PLAT OF RESUBDIVISION OF PART OF OUT-LOT "D" IN SCHAUMBURG INDUSTRIAL PARK

Filed May 18, 1973
 as Torrens Document No. 2692491
 Corrected by Surveyor's Certificate of Correction
 Filed June 21, 1973
 as Torrens Document No. 2699472

LOT 1

REVISION DATE REVISION

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET

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.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41 N., RANGE 10 E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
36+82.22	50.00' Rt.	1,962,271.371	1,060,491.940
36+82.22	50.00' Lt.	1,962,288.482	1,060,590.461
36+82.22	60.00' Rt.	1,962,269.660	1,060,482.088
36+82.22	64.00' Rt.	1,962,268.976	1,060,478.147
37+92.85	50.00' Lt.	1,962,187.852	1,060,615.204
38+21.51	50.00' Rt.	1,962,128.499	1,060,529.797
38+31.32	60.00' Rt.	1,962,115.209	1,060,524.028
38+35.14	64.00' Rt.	1,962,109.939	1,060,521.741
38+56.84	50.00' Lt.	1,962,131.513	1,060,635.785

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION 36+00 TO STATION 40+00
 STATION 299+58.44 TO STATION 304+51.82
 SCALE: 1"=20' SHEET 10 OF 20

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

USER NAME	DESIGNED	REVISION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS PLAT OF HIGHWAYS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
jet	JAT	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS PLAT OF HIGHWAYS	1103	15-00119-00-PV	COOK	277	103
PLOT SCALE = 1:8000' / in.	CHECKED = DJK	REVISION =			CONTRACT NO. 61F00				
PLOT DATE = 10/31/2018	DATE = 10/05/2018	REVISION =			ILLINOIS FED. AID PROJECT				

FILE NAME = ...\\N:\Plats\Highways\Plats\dgn

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
SEE SHEET 8

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0013P.E. 0013T.E.	2.291	N/A	N/A	2.291	P.E.=0.038 T.E.=0.151	Highway Purposes Construction Purposes	07-11-401-004

PROJECT COORDINATES Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
37+92.85	50.00' Lt.	1,962,187.852	1,060,615.204
38+09.86	71.00' Lt.	1,962,179.549	1,060,640.091
38+21.51	50.00' Rt.	1,962,128.499	1,060,529.797
38+56.84	50.00' Lt.	1,962,131.513	1,060,635.785
38+68.56	50.00' Rt.	1,962,081.992	1,060,548.130
39+25.04	50.00' Rt.	1,962,027.713	1,060,573.696
39+62.69	50.00' Rt.	1,961,992.596	1,060,592.836
39+63.27	50.00' Lt.	1,962,042.034	1,060,679.758
302+96.27	23.61' Lt.	1,962,063.666	1,060,501.656
303+09.58	37.19' Rt.	1,962,012.254	1,060,536.823
304+88.20	38.00' Lt.	1,962,155.323	1,060,672.848
304+90.69	40.00' Rt.	1,962,082.443	1,060,700.742
304+91.04	42.00' Lt.	1,962,160.129	1,060,674.505
304+94.76	30.00' Lt.	1,962,150.054	1,060,682.185
306+02.52	40.00' Rt.	1,962,100.838	1,060,798.939
306+02.61	30.00' Lt.	1,962,170.779	1,060,796.149
306+02.62	38.00' Lt.	1,962,178.772	1,060,795.830
306+02.62	42.00' Lt.	1,962,162.769	1,060,795.071
306+49.96	37.94' Lt.	1,962,180.659	1,060,843.134
306+49.96	41.94' Lt.	1,962,184.656	1,060,842.975
306+89.84	29.89' Rt.	1,962,174.256	1,060,883.310
306+89.85	37.89' Lt.	1,962,182.249	1,060,882.991
307+57.71	29.81' Lt.	1,962,176.961	1,060,951.125

LEGEND

SECTION CORNER: 9/10, 16/15

QUARTER SECTION CORNER: 16, 15

SECTION LINE, QUARTER SECTION LINE, QUARTER QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE

APPL: APPARENT PROPERTY LINE

EXISTING CENTER LINE, PROPOSED CENTER LINE, EXISTING RIGHT OF WAY LINE, PROPOSED RIGHT OF WAY LINE, EXISTING EASEMENT, PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE, PROPOSED ACCESS CONTROL LINE, MEASURED DIMENSION, COMPUTED DIMENSION, RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND, CUT CROSS FOUND OR SET, STAKING OF PROPOSED RIGHT OF WAY, STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, PERMANENT SURVEY MARKER, RIGHT OF WAY STAKING PROPOSED TO BE SET.

"MAG" NAIL SET, 5/8" REBAR SET

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD 83(1986) EAST ZONE AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT, STATION 1010.

SCALE: 1"=30'

Parcel	Document No.	Date Recorded
0013	20866510	June 10, 1969
0013	93679433	August 26, 1993
-----	20866510	June 10, 1969
-----	*2692491	**May 18, 1973
-----	90219581	May 11, 1990
-----	93357958	May 12, 1993
-----	93679427	August 26, 1993

* Torrens Document
** Date Filed

RESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

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

All dimensions are measured unless otherwise specified.

Areas shown on this plat are ground.

All measured and computed distances are grid not ground.

To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
35+27.27	50.00' Lt.	1,962,441.152	1,060,563.945
35+32.16	77.00' Lt.	1,962,440.955	1,060,591.382
35+87.44	69.00' Lt.	1,962,385.115	1,060,592.961
35+87.44	77.00' Lt.	1,962,386.484	1,060,600.843
36+82.22	50.00' Rt.	1,962,271.371	1,060,491.940
36+82.22	50.00' Lt.	1,962,288.482	1,060,590.461
36+82.22	69.00' Lt.	1,962,291.733	1,060,609.180
36+99.88	69.00' Lt.	1,962,275.871	1,060,612.115
36+99.88	71.00' Lt.	1,962,276.257	1,060,614.077

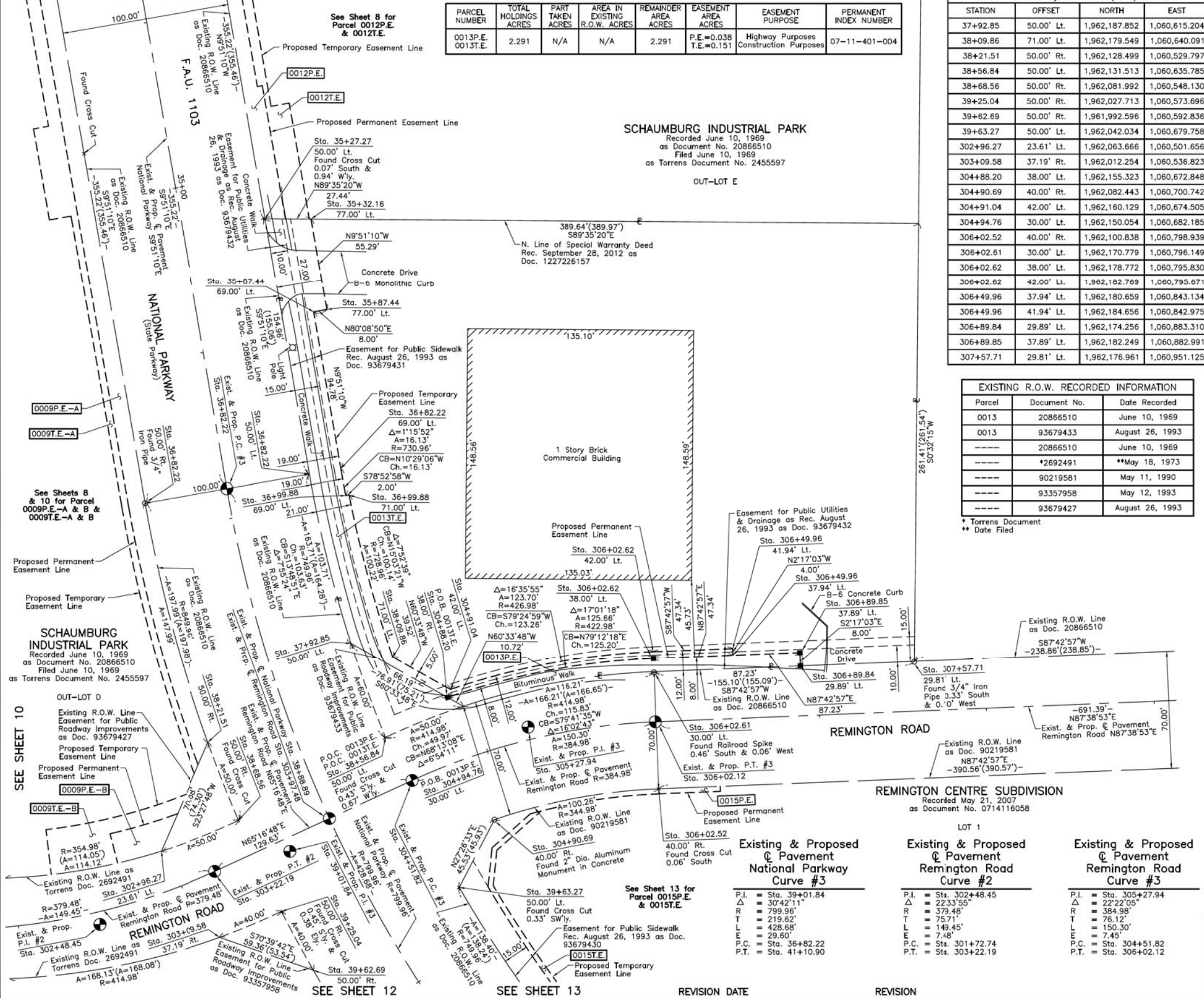
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1103 (NATIONAL PARKWAY)

LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
COUNTY: COOK

SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
STATION 34+00 TO STATION 40+00
STATION 302+00 TO STATION 309+00
SCALE: 1"=30' SHEET 11 OF 20

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



SCHAUMBURG INDUSTRIAL PARK
Recorded June 10, 1969
as Document No. 20866510
Filed June 10, 1969
as Torrens Document No. 2455597

OUT-LOT E

1 Story Brick Commercial Building

REMINGTON CENTRE SUBDIVISION
Recorded May 21, 2007
as Document No. 0714116058

Existing & Proposed Pavement National Parkway Curve #3

P.I. = Sta. 39+01.84
Δ = 30°42'11"
R = 799.96'
T = 219.62'
L = 428.68'
E = 29.60'
P.C. = Sta. 36+82.22
P.T. = Sta. 41+10.90

Existing & Proposed Pavement Remington Road Curve #2

P.I. = Sta. 302+48.45
Δ = 22°33'55"
R = 379.48'
T = 75.71'
L = 149.45'
E = 7.45'
P.C. = Sta. 304+72.74
P.T. = Sta. 303+22.19

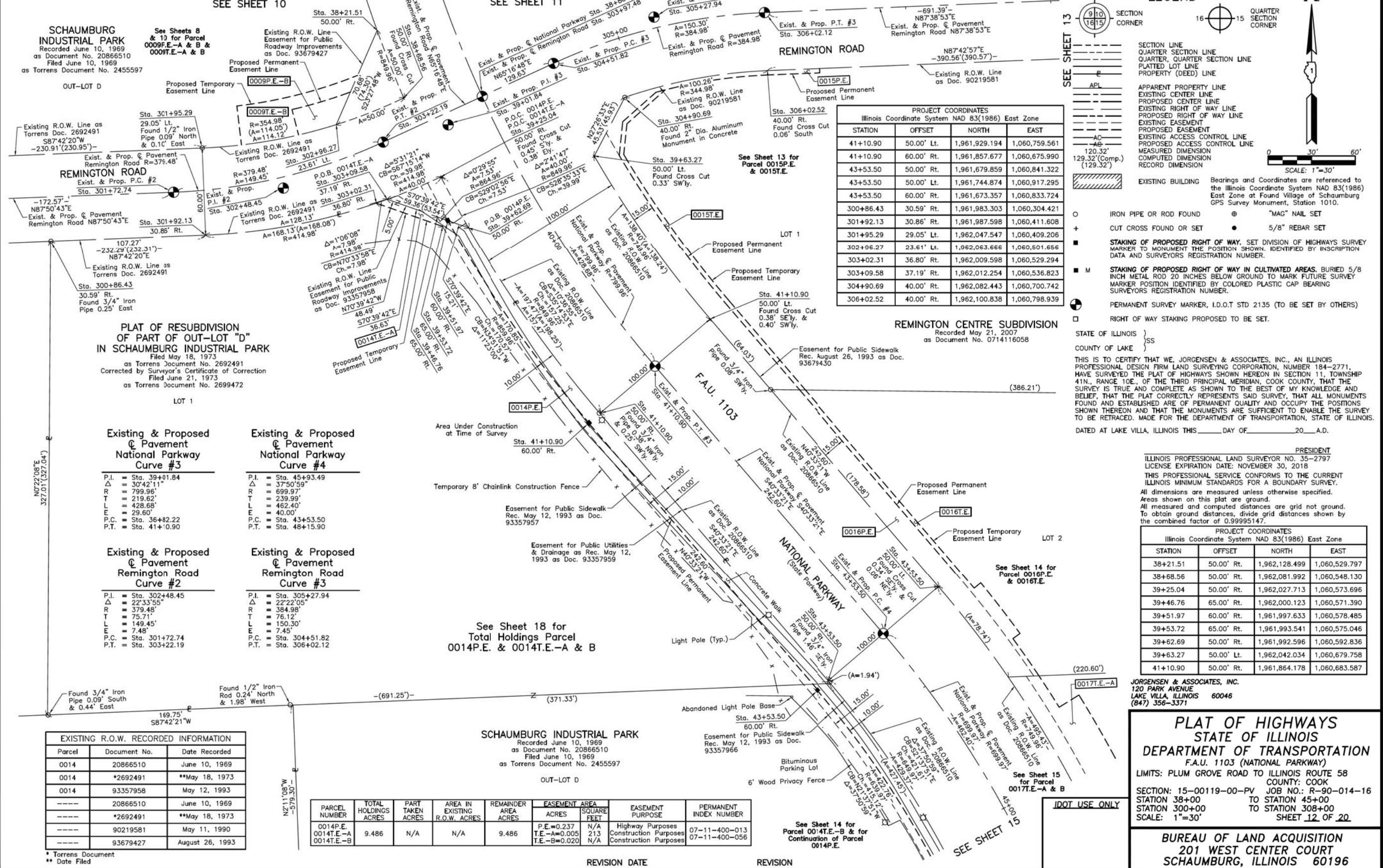
Existing & Proposed Pavement Remington Road Curve #3

P.I. = Sta. 305+27.94
Δ = 22°22'05"
R = 384.98'
T = 76.12'
L = 150.30'
E = 7.45'
P.C. = Sta. 304+51.82
P.T. = Sta. 306+02.12

USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS PLAT OF HIGHWAYS	F.A.U. R.T.E. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 104
DRAWN - JAT	CHECKED - DJK	REVISED -			CONTRACT NO. 61FOO				
PLOT SCALE = 1.0000' / in.	DATE - 10/05/2018	REVISED -			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/31/2018		REVISED -			SHEET 11 OF 20 SHEETS				

FILE NAME = ...NI-PlatofHighways\Platof...

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



SCHAUMBURG INDUSTRIAL PARK
Recorded June 10, 1969
as Document No. 20866510
Filed June 10, 1969
as Torrens Document No. 2455597

REMINGTON ROAD
Exist. & Prop. P.C. #2
Sta. 301+72.74
Exist. & Prop. P.C. #3
Sta. 305+27.94

PLAT OF RESUBDIVISION OF PART OF OUT-LOT "D" IN SCHAUMBURG INDUSTRIAL PARK
Filed May 18, 1973
as Torrens Document No. 2692491
Corrected by Surveyor's Certificate of Correction
Filed June 21, 1973
as Torrens Document No. 2699472

Existing & Proposed Pavement National Parkway Curve #3
P.I. = Sta. 39+01.84
Δ = 30°42'11"
R = 799.96'
T = 219.62'
L = 428.68'
E = 29.60'
P.C. = Sta. 36+82.22
P.T. = Sta. 41+10.90

Existing & Proposed Pavement Remington Road Curve #2
P.I. = Sta. 302+48.45
Δ = 22°33'55"
R = 379.48'
T = 75.71'
L = 149.45'
E = 7.48'
P.C. = Sta. 301+72.74
P.T. = Sta. 303+22.19

Existing & Proposed Pavement National Parkway Curve #4
P.I. = Sta. 45+93.49
Δ = 37°50'59"
R = 699.97'
T = 239.99'
L = 462.40'
E = 40.00'
P.C. = Sta. 43+53.50
P.T. = Sta. 48+15.90

Existing & Proposed Pavement Remington Road Curve #3
P.I. = Sta. 305+27.94
Δ = 22°22'05"
R = 384.98'
T = 76.12'
L = 150.30'
E = 7.45'
P.C. = Sta. 304+51.82
P.T. = Sta. 306+02.12

See Sheet 18 for Total Holdings Parcel 0014P.E. & 0014T.E.-A & B

Parcel	Document No.	Date Recorded
0014	20866510	June 10, 1969
0014	*2692491	**May 18, 1973
0014	93357958	May 12, 1993
----	20866510	June 10, 1969
----	*2692491	**May 18, 1973
----	90219581	May 11, 1990
----	93679427	August 26, 1993

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET		
0014P.E.	9.486	N/A	N/A	9.486	P.E.=0.237	N/A	Highway Purposes	07-11-400-013
0014T.E.-A					T.E.-A=0.005	213	Construction Purposes	07-11-400-056
0014T.E.-B					T.E.-B=0.020	N/A	Construction Purposes	

* Torrens Document
** Date Filed

REVISION DATE REVISION

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- 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.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41 N., RANGE 10 E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
41+10.90	50.00' Lt.	1,961,929.194	1,060,759.561
41+10.90	60.00' Rt.	1,961,857.677	1,060,675.990
43+53.50	50.00' Rt.	1,961,679.859	1,060,841.322
43+53.50	60.00' Rt.	1,961,673.357	1,060,833.724
300+86.43	30.59' Rt.	1,961,983.303	1,060,304.421
301+92.13	30.86' Rt.	1,961,987.598	1,060,411.608
301+95.29	29.05' Lt.	1,962,047.547	1,060,409.206
302+06.27	23.61' Lt.	1,962,063.666	1,060,501.656
303+02.31	36.80' Rt.	1,962,009.598	1,060,529.294
303+09.58	37.19' Rt.	1,962,012.254	1,060,536.823
304+90.69	40.00' Rt.	1,962,082.443	1,060,700.742
306+02.52	40.00' Rt.	1,962,100.838	1,060,798.939

Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
38+21.51	50.00' Rt.	1,962,128.499	1,060,529.797
38+68.56	50.00' Rt.	1,962,081.992	1,060,548.130
39+25.04	50.00' Rt.	1,962,027.713	1,060,573.696
39+46.76	65.00' Rt.	1,962,000.123	1,060,571.390
39+51.97	60.00' Rt.	1,961,997.633	1,060,578.485
39+53.72	65.00' Rt.	1,961,993.541	1,060,575.046
39+62.69	50.00' Rt.	1,961,992.596	1,060,592.836
39+63.27	50.00' Lt.	1,962,042.034	1,060,679.758
41+10.90	50.00' Rt.	1,961,864.178	1,060,683.587

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1103 (NATIONAL PARKWAY)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
COUNTY: COOK
SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
STATION 38+00 TO STATION 45+00
STATION 300+00 TO STATION 308+00
SCALE: 1"=30'
SHEET 12 OF 20

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

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
SEE SHEET 10 SEE SHEET 11

SCHAUMBURG INDUSTRIAL PARK
Recorded June 10, 1969
as Document No. 20866510
Filed June 10, 1969
as Torrens Document No. 2455597

LEGEND

SECTION CORNER 910 1615
QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

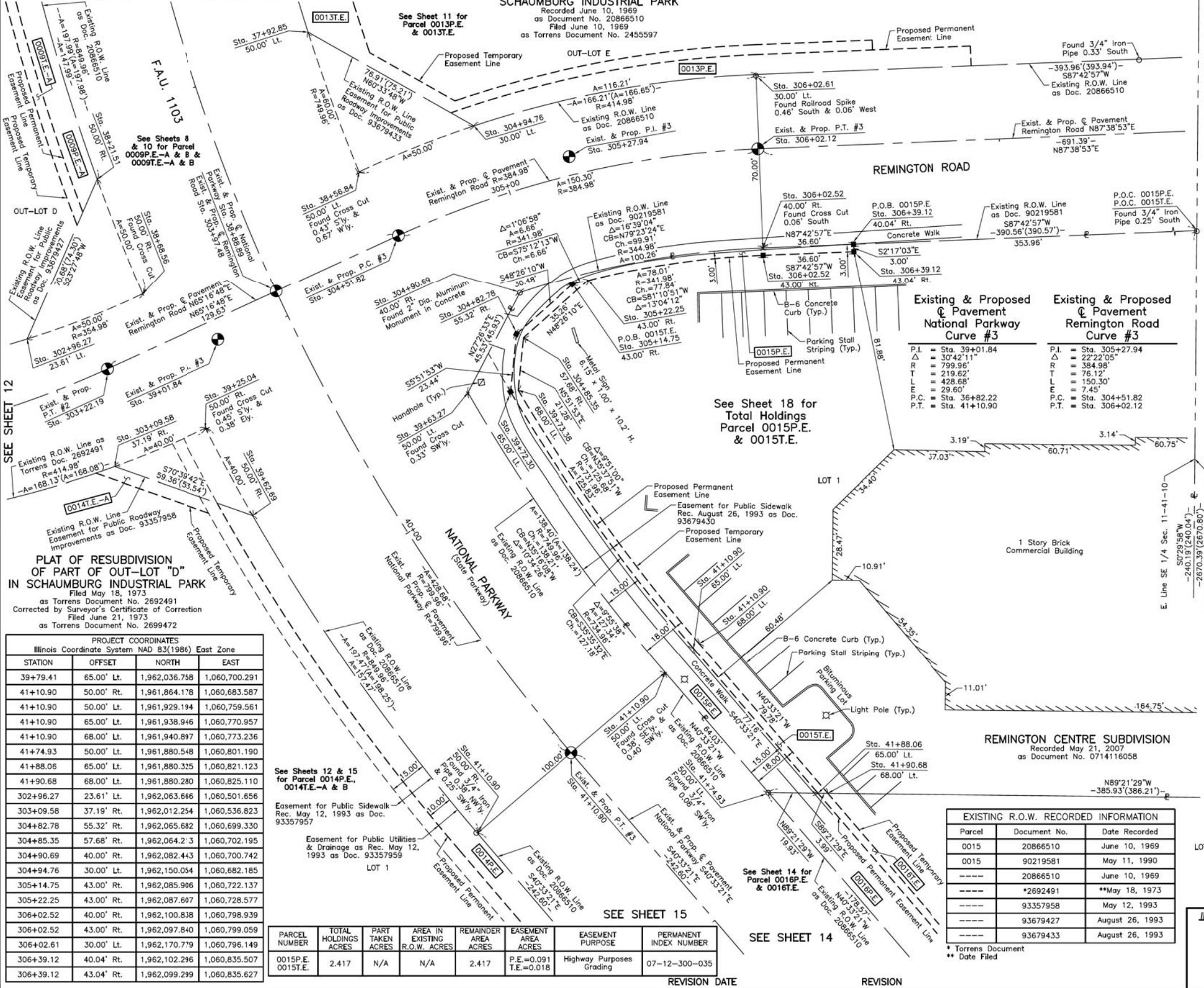
IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41 N., RANGE 10 E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

SCALE: 1"=20'



PLAT OF RESUBDIVISION OF PART OF OUT-LOT "D" IN SCHAUMBURG INDUSTRIAL PARK
Filed May 18, 1973
as Torrens Document No. 2692491
Corrected by Surveyor's Certificate of Correction
Filed June 21, 1973
as Torrens Document No. 2699472

PROJECT COORDINATES
Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
39+79.41	65.00' Lt.	1,962,036.758	1,060,700.291
41+10.90	50.00' Rt.	1,961,864.178	1,060,683.587
41+10.90	50.00' Lt.	1,961,929.194	1,060,759.561
41+10.90	65.00' Lt.	1,961,938.946	1,060,770.957
41+10.90	68.00' Lt.	1,961,940.897	1,060,773.236
41+74.93	50.00' Lt.	1,961,880.548	1,060,801.190
41+88.06	65.00' Lt.	1,961,880.325	1,060,821.123
41+90.68	68.00' Lt.	1,961,880.280	1,060,825.110
302+96.27	23.61' Lt.	1,962,063.666	1,060,501.656
303+09.58	37.19' Rt.	1,962,012.254	1,060,536.823
304+82.78	55.32' Rt.	1,962,065.682	1,060,699.330
304+85.35	57.68' Rt.	1,962,064.213	1,060,702.195
304+90.69	40.00' Rt.	1,962,082.443	1,060,700.742
304+94.76	30.00' Lt.	1,962,150.054	1,060,682.185
305+14.75	43.00' Rt.	1,962,085.906	1,060,722.137
305+22.25	43.00' Rt.	1,962,087.607	1,060,728.577
306+02.52	40.00' Rt.	1,962,100.838	1,060,798.939
306+02.52	43.00' Rt.	1,962,097.840	1,060,799.059
306+02.61	30.00' Lt.	1,962,170.779	1,060,796.149
306+39.12	40.04' Rt.	1,962,102.296	1,060,835.507
306+39.12	43.04' Rt.	1,962,099.299	1,060,835.627

See Sheets 12 & 15 for Parcel 0014P.E., 0014T.E.-A & B

Easement for Public Sidewalk
Rec. May 12, 1993 as Doc. 93357957

Easement for Public Utilities & Drainage as Rec. May 12, 1993 as Doc. 93357959

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0015P.E. 0015T.E.	2.417	N/A	N/A	2.417	P.E.=0.091 T.E.=0.018	Highway Purposes Grading	07-12-300-035

REVISION DATE REVISION

Existing & Proposed Pavement National Parkway Curve #3

P.I. = Sta. 39+01.84
Δ = 30°42'11"
R = 799.56'
T = 219.62'
L = 428.68'
E = 29.60'
P.C. = Sta. 36+82.22
P.T. = Sta. 41+10.90

Existing & Proposed Pavement Remington Road Curve #3

P.I. = Sta. 305+27.94
Δ = 22°22'05"
R = 384.98'
T = 76.12'
L = 150.30'
E = 7.45'
P.C. = Sta. 304+51.82
P.T. = Sta. 306+02.12

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0015	20866510	June 10, 1969
0015	90219581	May 11, 1990
----	20866510	June 10, 1969
----	*2692491	**May 18, 1973
----	93357958	May 12, 1993
----	93679427	August 26, 1993
----	93679433	August 26, 1993

* Torrens Document
** Date Filed

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(1986) East Zone

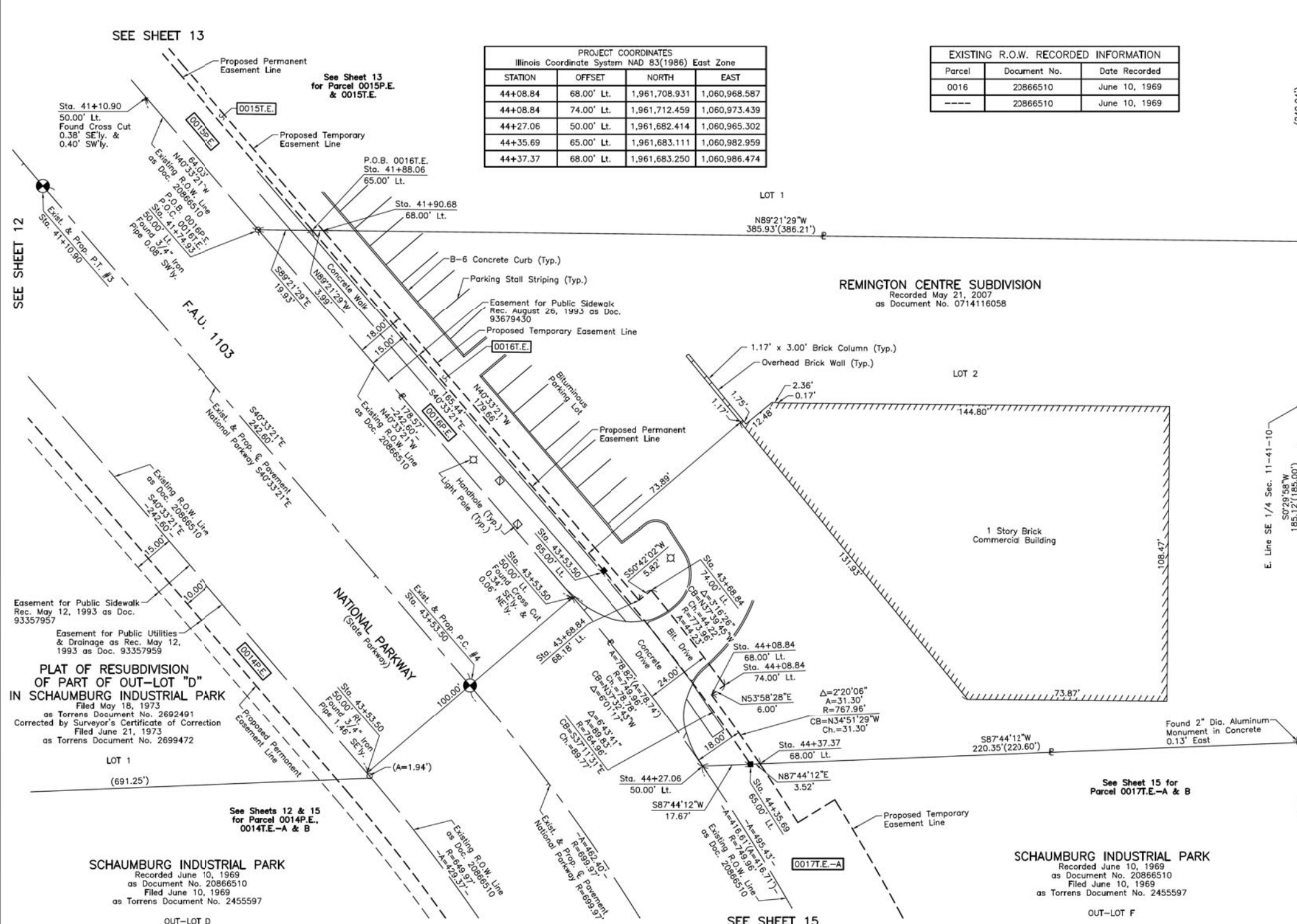
STATION	OFFSET	NORTH	EAST
37+92.85	50.00' Lt.	1,962,187.852	1,060,615.204
38+21.51	50.00' Rt.	1,962,128.499	1,060,529.797
38+56.84	50.00' Lt.	1,962,131.513	1,060,635.785
38+68.56	50.00' Rt.	1,962,081.992	1,060,548.130
39+25.04	50.00' Rt.	1,962,027.713	1,060,573.696
39+62.69	50.00' Rt.	1,961,992.596	1,060,592.836
39+63.27	50.00' Lt.	1,962,042.034	1,060,679.758
39+72.30	65.00' Lt.	1,962,042.369	1,060,696.935
39+73.38	68.00' Lt.	1,962,043.047	1,060,700.020

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1103 (NATIONAL PARKWAY)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
COUNTY: COOK
SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
STATION 37+00 TO STATION 42+00
STATION 302+00 TO STATION 308+00
SCALE: 1"=20' SHEET 13 OF 20

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

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
44+08.84	68.00' Lt.	1,961,708.931	1,060,968.587
44+08.84	74.00' Lt.	1,961,712.459	1,060,973.439
44+27.06	50.00' Lt.	1,961,682.414	1,060,965.302
44+35.69	65.00' Lt.	1,961,683.111	1,060,982.959
44+37.37	68.00' Lt.	1,961,683.250	1,060,986.474

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0016	20866510	June 10, 1969
---	20866510	June 10, 1969

LEGEND

SECTION CORNER (910/1615)
QUARTER SECTION CORNER (16/15)

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
AC
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(1986) East Zone at Found Village of Schaumburg GPS Survey Monument, Station 1010.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
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.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET.

"MAG" NAIL SET
5/8" REBAR SET

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41 N., RANGE 10 E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES Illinois Coordinate System NAD 83(1986) East Zone			
STATION	OFFSET	NORTH	EAST
41+10.90	50.00' Lt.	1,961,929.194	1,060,759.561
41+74.93	50.00' Lt.	1,961,880.548	1,060,801.190
41+88.06	65.00' Lt.	1,961,880.325	1,060,821.123
41+90.68	68.00' Lt.	1,961,880.280	1,060,825.110
43+53.50	50.00' Rt.	1,961,679.859	1,060,841.322
43+53.50	50.00' Lt.	1,961,744.874	1,060,917.295
43+53.50	65.00' Lt.	1,961,754.627	1,060,928.691
43+68.84	68.18' Lt.	1,961,743.782	1,060,941.920
43+68.84	74.00' Lt.	1,961,747.465	1,060,946.420

PLAT OF RESUBDIVISION OF PART OF OUT-LOT "D" IN SCHAUBURG INDUSTRIAL PARK
Filed May 18, 1973
as Torrens Document No. 2692491
Corrected by Surveyor's Certificate of Correction
Filed June 21, 1973
as Torrens Document No. 2699472

SCHAUBURG INDUSTRIAL PARK
Recorded June 10, 1969
as Document No. 20866510
Filed June 10, 1969
as Torrens Document No. 2455597

SCHAUBURG INDUSTRIAL PARK
Recorded June 10, 1969
as Document No. 20866510
Filed June 10, 1969
as Torrens Document No. 2455597

Existing & Proposed Pavement National Parkway Curve #4

P.I. = Sta. 45+93.49
Δ = 37°50'59"
R = 699.97'
T = 239.99'
L = 462.40'
E = 40.00'
P.C. = Sta. 43+53.50
P.T. = Sta. 48+15.90

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0016P.E. 0016T.E.	1.328	N/A	N/A	1.328	P.E.=0.088 T.E.=0.024	Highway Purposes Construction Purposes	07-12-300-036

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1103 (NATIONAL PARKWAY)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
COUNTY: COOK
SECTION: 15-00119-00-PV
JOB NO.: R-90-014-16
TO STATION 45+00
SCALE: 1"=20'
SHEET 14 OF 20

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

USER NAME	DESIGNED	REVISION
jet	JAT	-
	JAT	-
	DJK	-
	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLAT OF HIGHWAYS

SHEET 14 OF 20 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	107
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

FILE NAME = ...\\1-PlatofHighways\Plat.dgn

PART OF THE SE 1/4 OF SEC. 11, PART OF THE SW 1/4 OF SEC. 12, PART OF THE NW 1/4 OF SEC. 13 AND PART OF THE NE 1/4 OF SEC. 14, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PLAT OF RESUBDIVISION OF PART OF OUT-LOT "D" IN SCHAUMBURG INDUSTRIAL PARK
 Filed May 18, 1973
 as Torrens Document No. 2652491
 Corrected by Surveyor's Certificate of Correction
 Filed June 21, 1973
 as Torrens Document No. 2699472

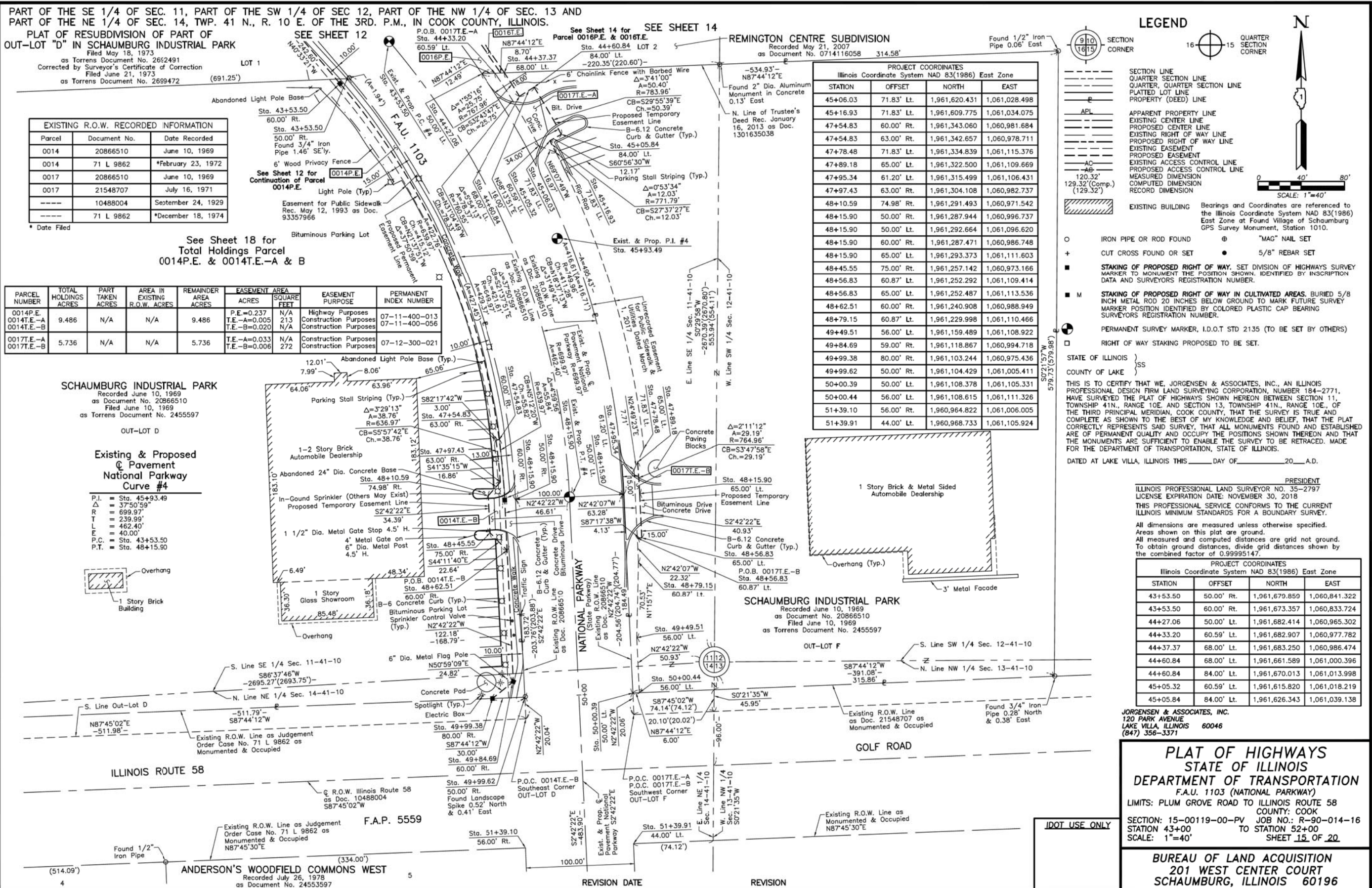
Parcel	Document No.	Date Recorded
0014	20866510	June 10, 1969
0014	71 L 9862	*February 23, 1972
0017	20866510	June 10, 1969
0017	21548707	July 16, 1971
----	10488004	September 24, 1929
----	71 L 9862	*December 18, 1974

See Sheet 18 for Total Holdings Parcel 0014P.E. & 0014T.E.-A & B

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0014P.E.	9.486	N/A	N/A	9.486	P.E.=0.237	N/A	Highway Purposes	07-11-400-013
0014T.E.-A					T.E.-A=0.005	213	Construction Purposes	07-11-400-056
0014T.E.-B					T.E.-B=0.020	N/A	Construction Purposes	
0017T.E.-A	5.736	N/A	N/A	5.736	T.E.-A=0.033	N/A	Construction Purposes	07-12-300-021
0017T.E.-B					T.E.-B=0.006	272	Construction Purposes	

SCHAUMBURG INDUSTRIAL PARK
 Recorded June 10, 1969
 as Document No. 20866510
 Filed June 10, 1969
 as Torrens Document No. 2455597

Existing & Proposed Pavement @ National Parkway Curve #4
 P.I. = Sta. 45+93.49
 Δ = 37°50'59"
 R = 699.97'
 T = 239.99'
 L = 462.40'
 E = 40.00'
 P.C. = Sta. 43+53.50
 P.T. = Sta. 48+15.90



LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 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.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 11, TOWNSHIP 41N., RANGE 10E. AND SECTION 13, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PROJECT COORDINATES
 Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
45+06.03	71.83' Lt.	1,961,620.431	1,061,028.498
45+16.93	71.83' Lt.	1,961,609.775	1,061,034.075
47+54.83	60.00' Rt.	1,961,343.060	1,060,981.684
47+54.83	63.00' Rt.	1,961,342.657	1,060,978.711
47+78.48	71.83' Lt.	1,961,334.839	1,061,115.376
47+89.18	65.00' Lt.	1,961,322.500	1,061,109.669
47+95.34	61.20' Lt.	1,961,315.499	1,061,106.431
47+97.43	63.00' Rt.	1,961,304.108	1,060,982.737
48+10.59	74.98' Rt.	1,961,291.493	1,060,971.542
48+15.90	50.00' Lt.	1,961,287.944	1,060,996.737
48+15.90	50.00' Lt.	1,961,292.664	1,061,096.620
48+15.90	60.00' Lt.	1,961,287.471	1,060,986.748
48+15.90	65.00' Lt.	1,961,293.373	1,061,111.603
48+45.55	75.00' Rt.	1,961,257.142	1,060,973.166
48+56.83	60.87' Lt.	1,961,252.292	1,061,109.414
48+56.83	65.00' Lt.	1,961,252.487	1,061,113.536
48+62.51	60.00' Rt.	1,961,240.908	1,060,988.949
48+79.15	60.87' Lt.	1,961,229.998	1,061,110.466
49+49.51	56.00' Lt.	1,961,159.489	1,061,108.922
49+84.69	59.00' Lt.	1,961,118.867	1,060,994.718
49+99.38	80.00' Rt.	1,961,103.244	1,060,975.436
49+99.62	50.00' Lt.	1,961,104.429	1,061,005.411
50+00.39	50.00' Lt.	1,961,108.378	1,061,105.331
50+00.44	56.00' Lt.	1,961,108.615	1,061,111.326
51+39.10	56.00' Lt.	1,960,964.822	1,061,006.005
51+39.91	44.00' Lt.	1,960,968.733	1,061,105.924

Scale: 1"=40'

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

PROJECT COORDINATES
 Illinois Coordinate System NAD 83(1986) East Zone

STATION	OFFSET	NORTH	EAST
43+53.50	50.00' Rt.	1,961,679.859	1,060,841.322
43+53.50	60.00' Rt.	1,961,673.357	1,060,833.724
44+27.06	50.00' Lt.	1,961,682.414	1,060,965.302
44+33.20	60.59' Lt.	1,961,682.907	1,060,977.782
44+37.37	68.00' Lt.	1,961,683.250	1,060,986.474
44+60.84	68.00' Lt.	1,961,661.589	1,061,000.396
44+60.84	84.00' Lt.	1,961,670.013	1,061,013.998
45+05.32	60.59' Lt.	1,961,615.820	1,061,018.219
45+05.84	84.00' Lt.	1,961,626.343	1,061,039.138

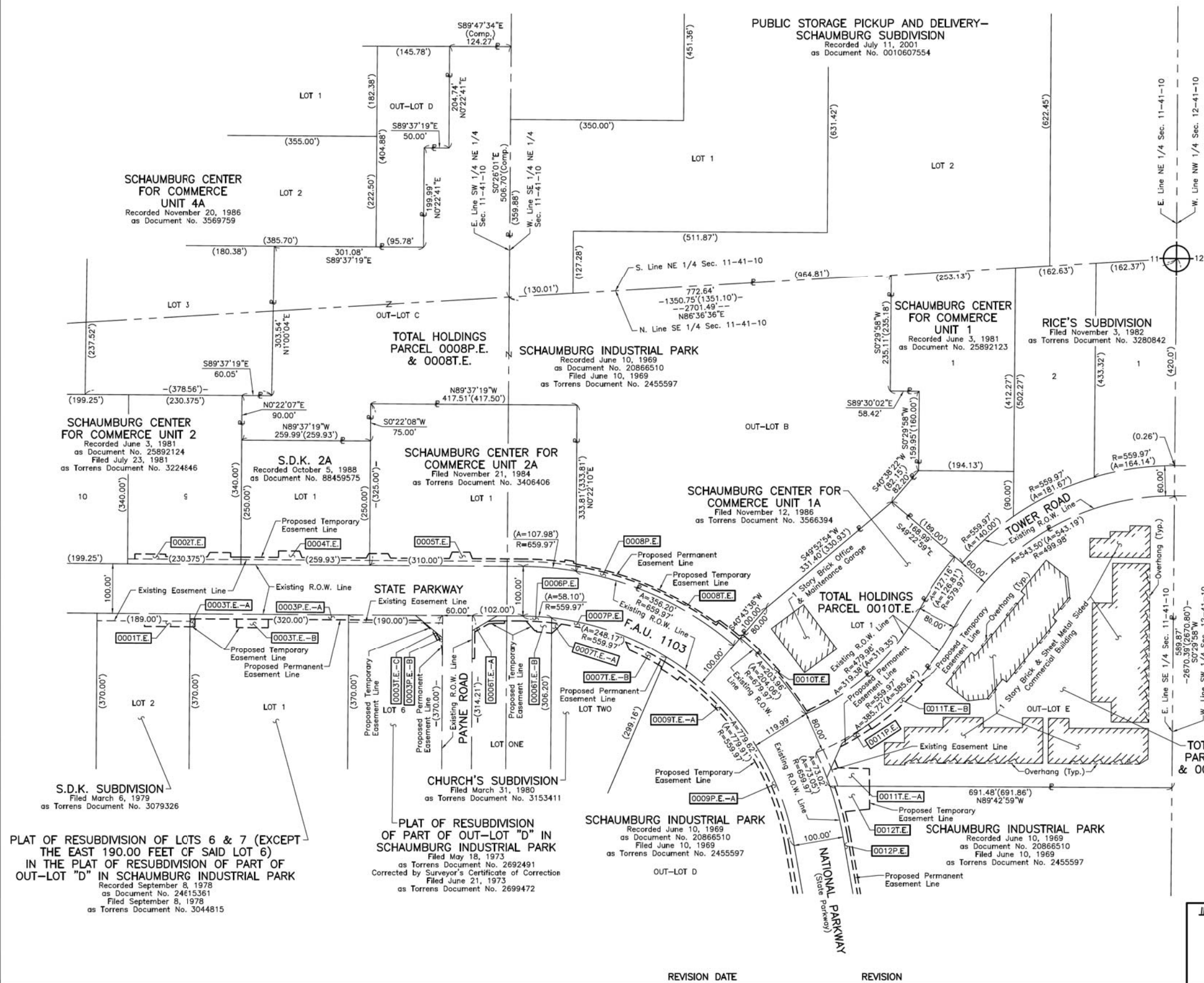
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION 43+00 TO STATION 52+00
 SCALE: 1"=40' SHEET 15 OF 20

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

USER NAME	DESIGNED	REVISION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS PLAT OF HIGHWAYS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
jet	JAT	-			1103	15-00119-00-PV	COOK	277	108
	JAT	-			CONTRACT NO. 61F00				
	DJK	-			ILLINOIS FED. AID PROJECT				
	DJK	-			SHEET 15 OF 20 SHEETS				

PART OF THE EAST 1/2 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER (Symbol: 9/10 16/15)
- QUARTER SECTION CORNER (Symbol: 16 15)
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING

Scale: 1"=100'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(1986) East Zone at Found Village of Schaumburg GPS Survey Monument, Station 1010.

O IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 ■ 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 METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

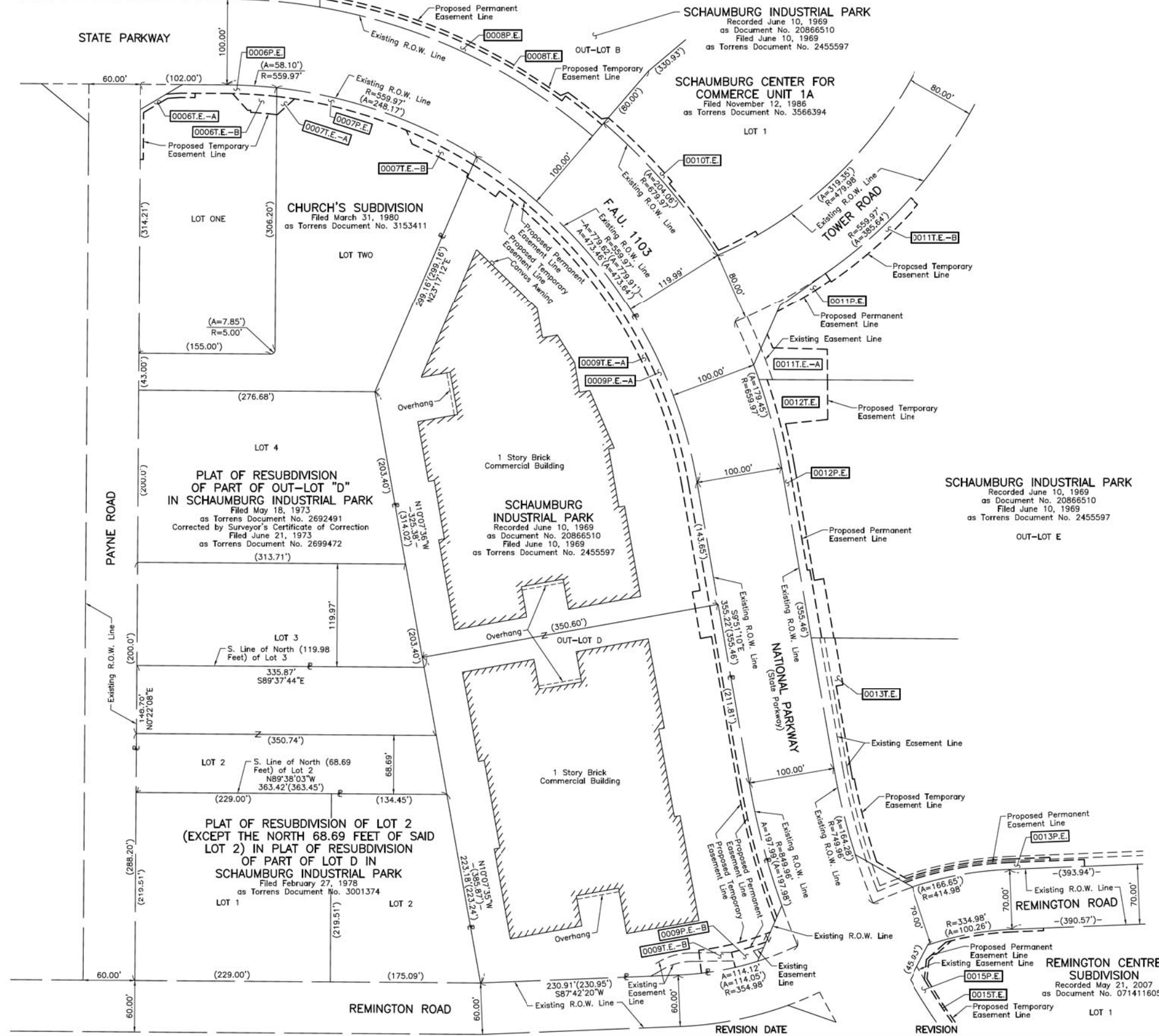
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 16 OF 20

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

USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS PLAT OF HIGHWAYS	F.A.U. R.T.E. = 1103	SECTION = 15-00119-00-PV	COUNTY = COOK	TOTAL SHEETS = 277	SHEET NO. = 109	
PLOT SCALE = 1,000.00' / in.	CHECKED - DJK	REVISED -			SHEET 16 OF 20 SHEETS	CONTRACT NO. 61FOO		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/31/2018	DATE = 10/05/2018	REVISED -								

FILE NAME = ...\\1-PlatofHighways\Plat.dgn

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 AC
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 120.32'
 129.32'(Comp.)
 (129.32')
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

SCALE: 1"=60'

0 60' 120'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(1986) East Zone at Found Village of Schaumburg GPS Survey Monument, Station 1010.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ 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 METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.99995147.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION NONE TO STATION
 SCALE: 1"=60' SHEET 17 OF 20

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

REVISION DATE: _____
 REVISION: _____

FILE NAME = ...NI-PlatofHighways\Plat.dgn

USER NAME = jet	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

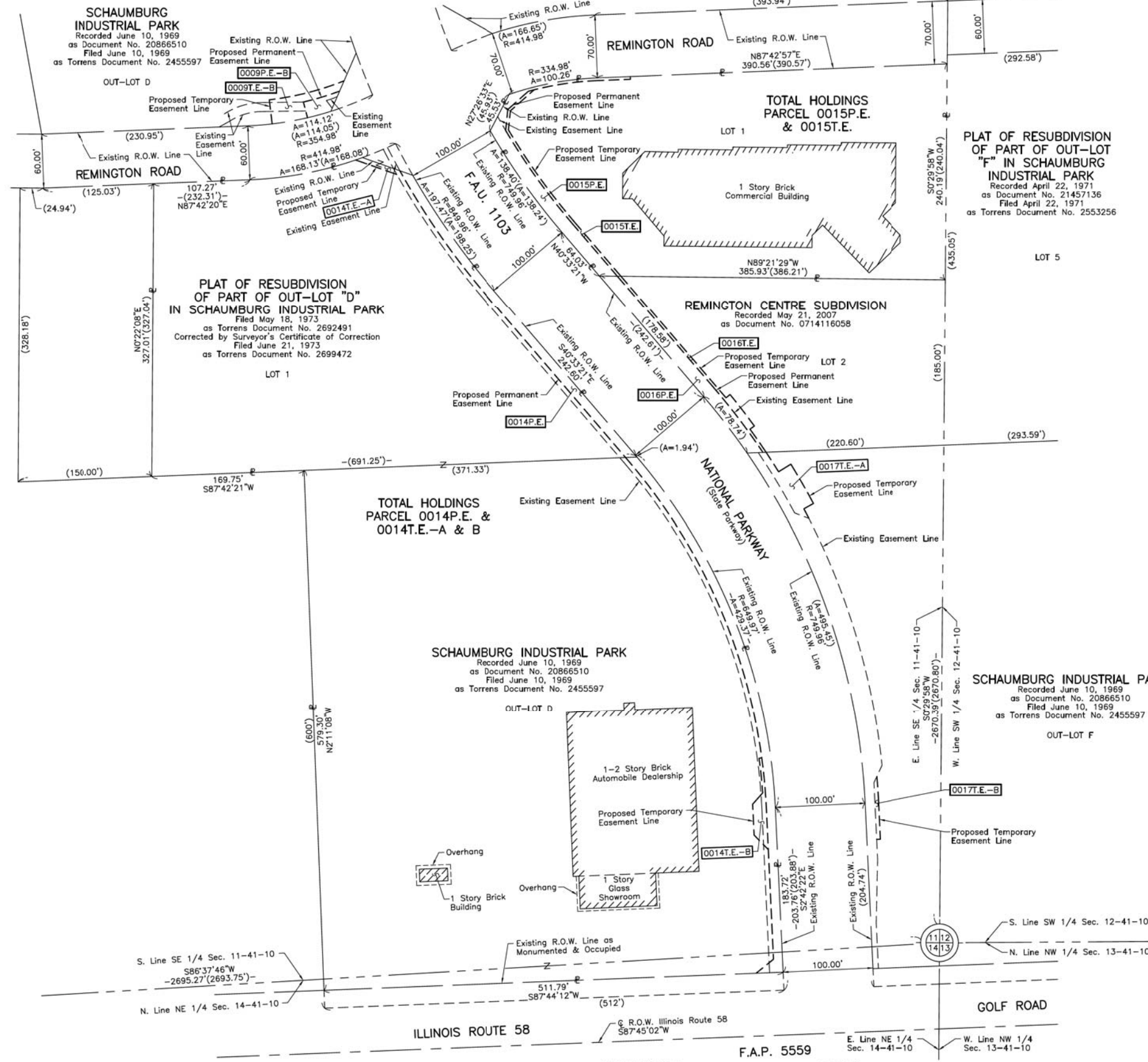
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PLAT OF HIGHWAYS

SHEET 17 OF 20 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	110
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PART OF THE SE 1/4 OF SEC. 11 AND PART OF THE NE 1/4 OF SEC. 14, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9/10, 16/15
 QUARTER SECTION CORNER: 16, 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 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.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

"MAG" NAIL SET
 5/8" REBAR SET

BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD 83(1986) EAST ZONE AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT, STATION 1010.

SCALE: 1"=60'

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 11, TOWNSHIP 41N., RANGE 10E. AND SECTION 14, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION NONE TO STATION
 SCALE: 1"=60'
 SHEET 18 OF 20

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

USER NAME = jet	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 1,000.00' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

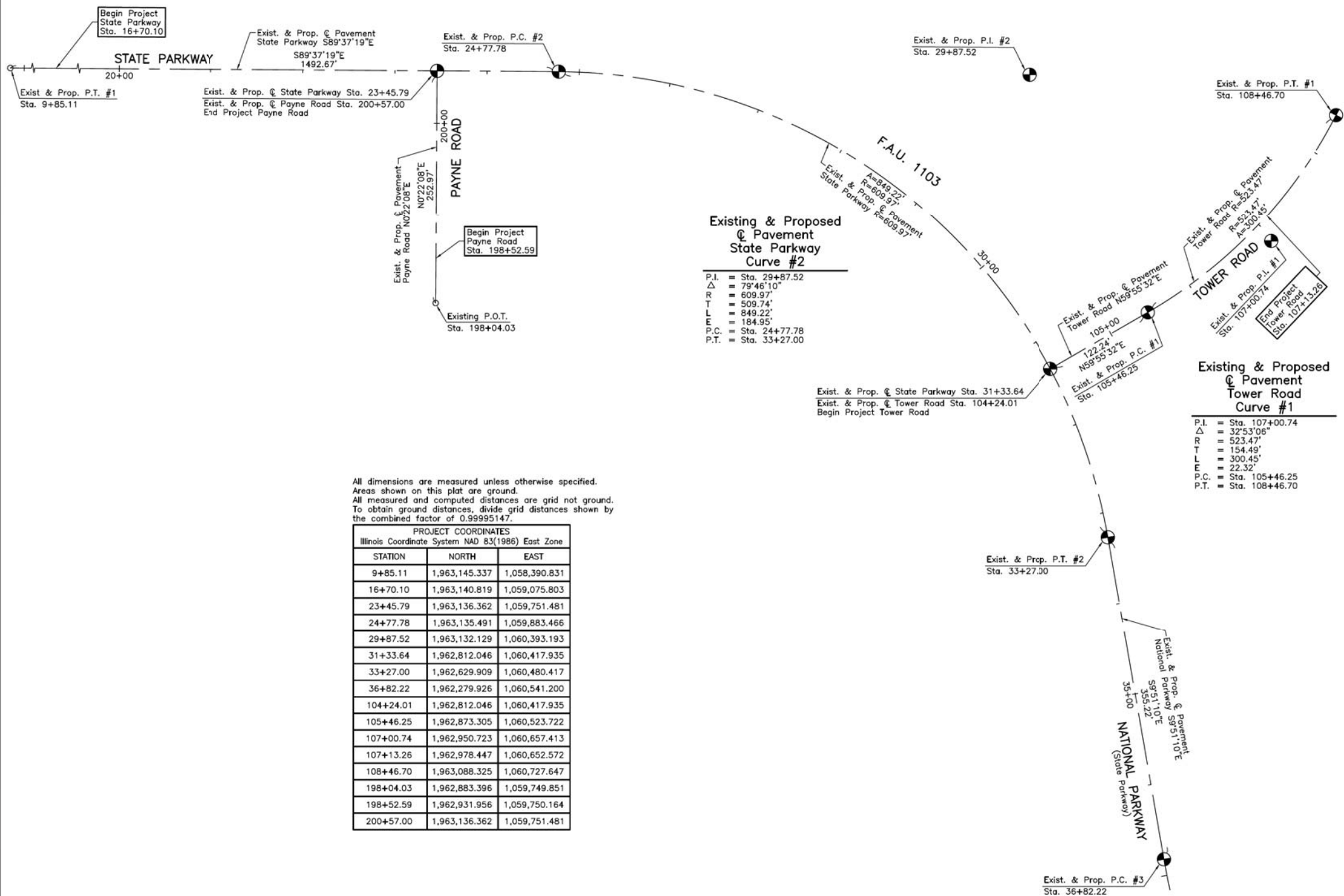
STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PLAT OF HIGHWAYS

SHEET 18 OF 20 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	111
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

FILE NAME = ...\\1-PlatofHighways\Plat.dgn

PART OF THE SE 1/4 OF SEC. 11, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 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.
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 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, 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 LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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PROJECT COORDINATES
 Illinois Coordinate System NAD 83(1986) East Zone

STATION	NORTH	EAST
9+85.11	1,963,145.337	1,058,390.831
16+70.10	1,963,140.819	1,059,075.803
23+45.79	1,963,136.362	1,059,751.481
24+77.78	1,963,135.491	1,059,883.466
29+87.52	1,963,132.129	1,060,393.193
31+33.64	1,962,812.046	1,060,417.935
33+27.00	1,962,629.909	1,060,480.417
36+82.22	1,962,279.926	1,060,541.200
104+24.01	1,962,812.046	1,060,417.935
105+46.25	1,962,873.305	1,060,523.722
107+00.74	1,962,950.723	1,060,657.413
107+13.26	1,962,978.447	1,060,652.572
108+46.70	1,963,088.325	1,060,727.647
198+04.03	1,962,883.396	1,059,749.851
198+52.59	1,962,931.956	1,059,750.164
200+57.00	1,963,136.362	1,059,751.481

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION 9+85.11 TO STATION 37+00
 STATION 104+24.01 TO STATION 108+46.70
 STATION 198+04.03 TO STATION 200+57.00
 SCALE: 1"=60' SHEET 19 OF 20

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

REVISION DATE REVISION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PLAT OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	112
CONTRACT NO. 61F00				

SHEET 19 OF 20 SHEETS

ILLINOIS FED. AID PROJECT

FILE NAME = ...\\N:\Plats\Highways\Plats\dgn

PART OF THE SE 1/4 OF SEC. 11, PART OF THE SW 1/4 OF SEC. 12 AND PART OF THE NE 1/4 OF SEC. 14, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

Existing & Proposed Pavement National Parkway Curve #3

P.I. = Sta. 39+01.84
 Δ = 3042'11"
 R = 799.96'
 T = 219.62'
 L = 428.68'
 E = 29.60'
 P.C. = Sta. 36+82.22
 P.T. = Sta. 41+10.90

Existing & Proposed Pavement National Parkway Curve #4

P.I. = Sta. 45+93.49
 Δ = 3750'59"
 R = 699.97'
 T = 239.99'
 L = 454.04'
 E = 40.00'
 P.C. = Sta. 43+53.50
 P.T. = Sta. 48+15.90

Existing & Proposed Pavement Remington Road Curve #1

P.I. = Sta. 299+79.31
 Δ = 223'28"
 R = 999.95'
 T = 20.87'
 L = 41.73'
 E = 0.22'
 P.C. = Sta. 299+58.44
 P.T. = Sta. 300+00.17

Existing & Proposed Pavement Remington Road Curve #2

P.I. = Sta. 302+48.45
 Δ = 2233'55"
 R = 379.48'
 T = 75.71'
 L = 149.45'
 E = 7.48'
 P.C. = Sta. 301+72.74
 P.T. = Sta. 303+22.19

Existing & Proposed Pavement Remington Road Curve #3

P.I. = Sta. 305+27.94
 Δ = 22'22'05"
 R = 384.98'
 T = 76.12'
 L = 150.30'
 E = 7.45'
 P.C. = Sta. 304+51.82
 P.T. = Sta. 306+02.12

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PROJECT COORDINATES		
Illinois Coordinate System NAD 83(1986) East Zone		
STATION	NORTH	EAST
36+82.22	1,962,279.926	1,060,541.200
38+88.89	1,962,083.105	1,060,602.330
39+01.84	1,962,063.547	1,060,578.780
41+10.90	1,961,896.066	1,060,721.574
43+53.50	1,961,712.367	1,060,879.309
45+93.49	1,961,530.028	1,061,035.348
48+15.90	1,961,290.304	1,061,046.679
50+25.86	1,961,080.571	1,061,056.592
52+99.80	1,960,806.945	1,061,069.525
294+67.04	1,962,011.957	1,059,663.960
299+58.44	1,962,009.929	1,060,175.354
299+79.31	1,962,009.843	1,060,196.221
300+00.17	1,962,010.628	1,060,217.074
301+08.81	1,962,014.712	1,060,325.641
301+72.74	1,962,017.116	1,060,369.518
302+48.45	1,962,019.962	1,060,465.174
303+22.19	1,962,051.622	1,060,533.946
303+97.48	1,962,083.105	1,060,602.330
304+51.82	1,962,105.831	1,060,651.696
305+27.94	1,962,137.662	1,060,720.837
306+02.12	1,962,140.782	1,060,756.890
307+03.15	1,962,144.933	1,060,857.842
312+93.51	1,962,169.160	1,061,467.693

LEGEND

SECTION CORNER (910/1615)
 QUARTER SECTION CORNER (16/15)

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
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 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

SCALE: 1"=60'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(1986) East Zone at Found Village of Schaumburg GPS Survey Monument, Station 1010.

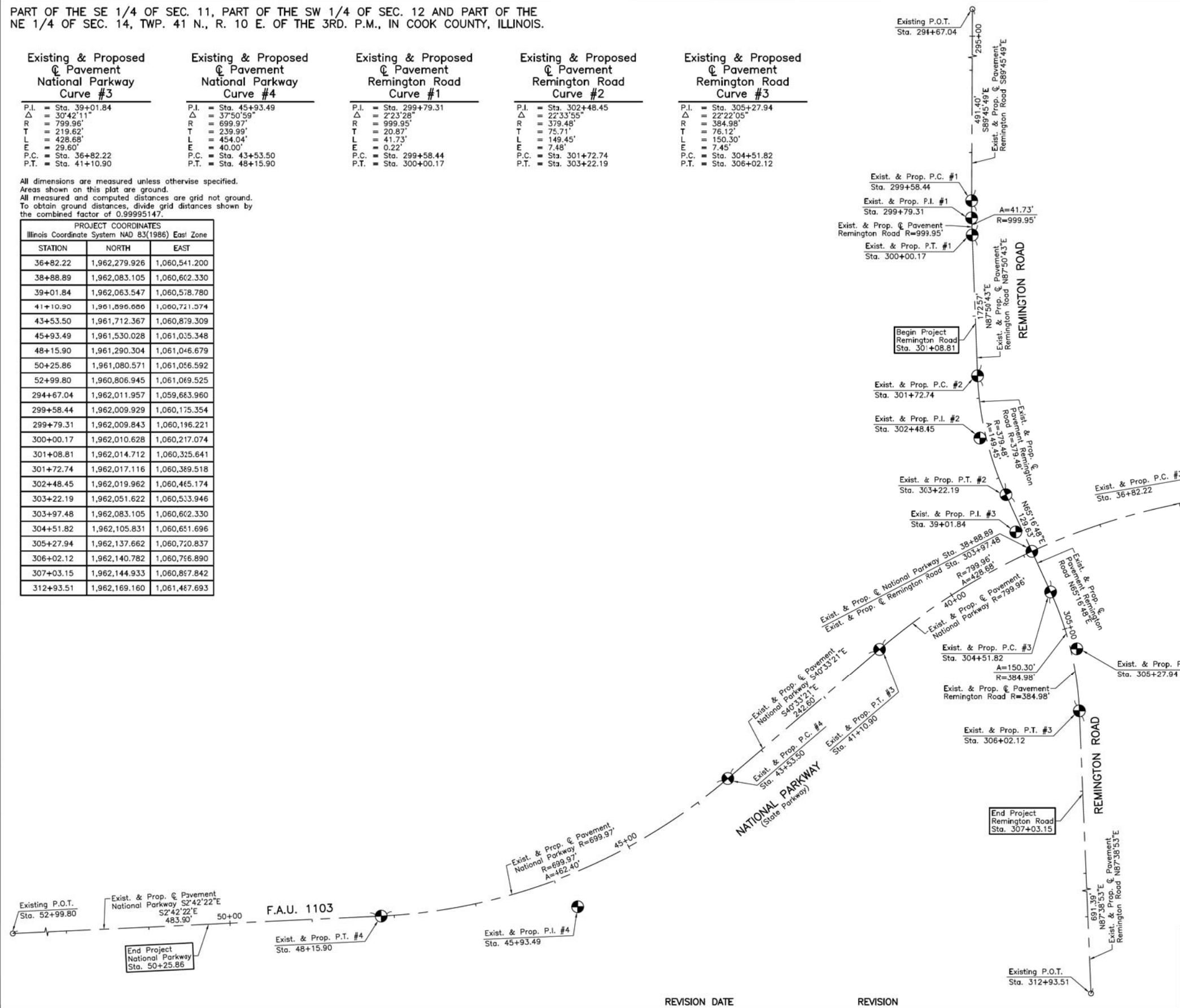
IRON PIPE OR ROD FOUND
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 PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

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DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



SEE SHEET 19

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1103 (NATIONAL PARKWAY)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 58
 COUNTY: COOK
 SECTION: 15-00119-00-PV JOB NO.: R-90-014-16
 STATION 36+82.22 TO STATION 52+99.80
 STATION 294+67.04 TO STATION 312+93.50
 SCALE: 1"=60' SHEET 20 OF 20

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

USER NAME = jet	DESIGNED - JAT	REVISED -
PLOT SCALE = 1,000.00' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -
	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PLAT OF HIGHWAYS

SHEET 20 OF 20 SHEETS

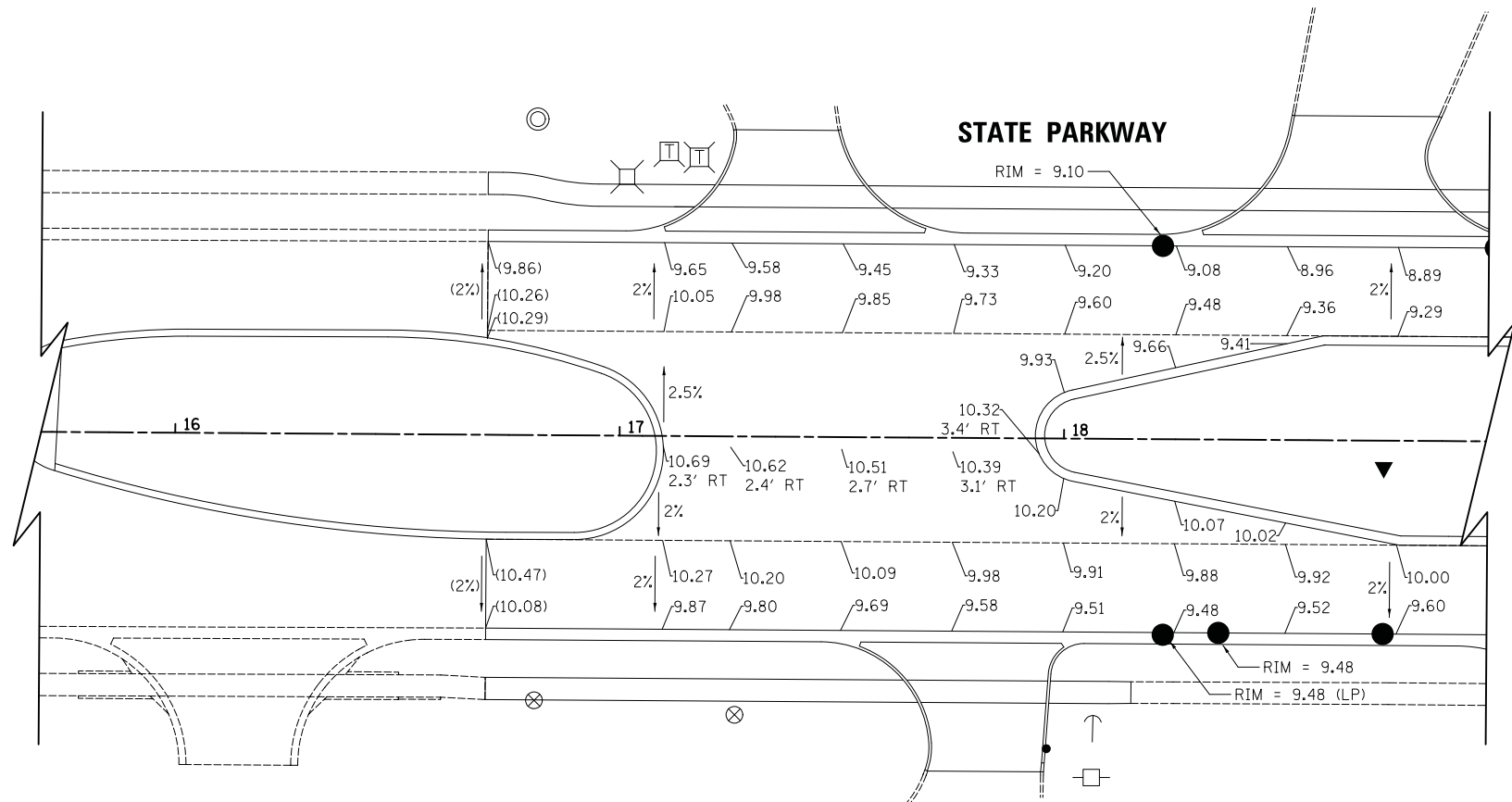
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	113
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

FILE NAME = ...\\1-PlatofHighways\Plat.dgn



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	DATE	
NOTE BOOK NO.	CAD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	DATE	
NOTE BOOK NO.	STRUCTURE NOTATION CHFD	



NOTES:

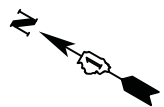
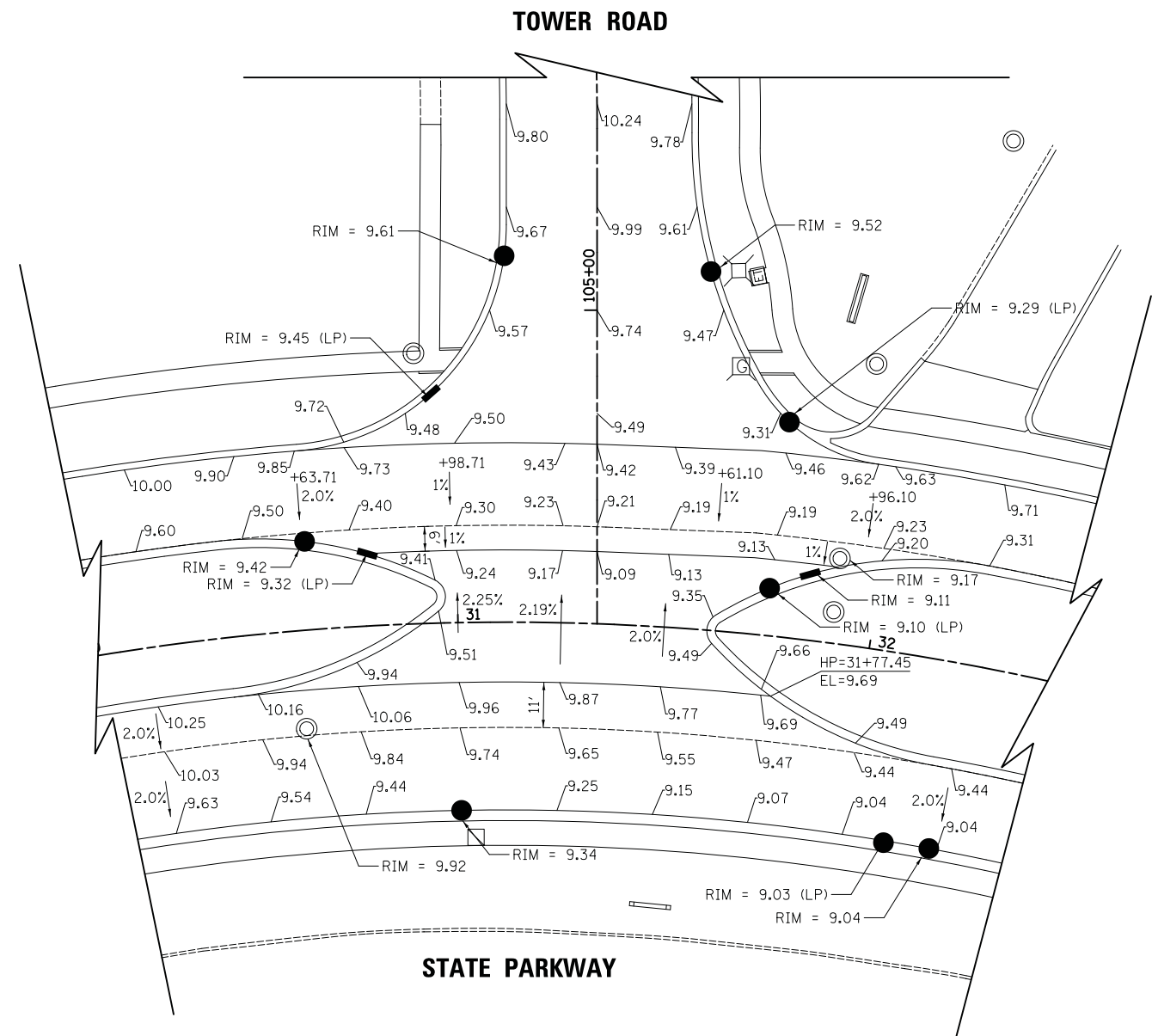
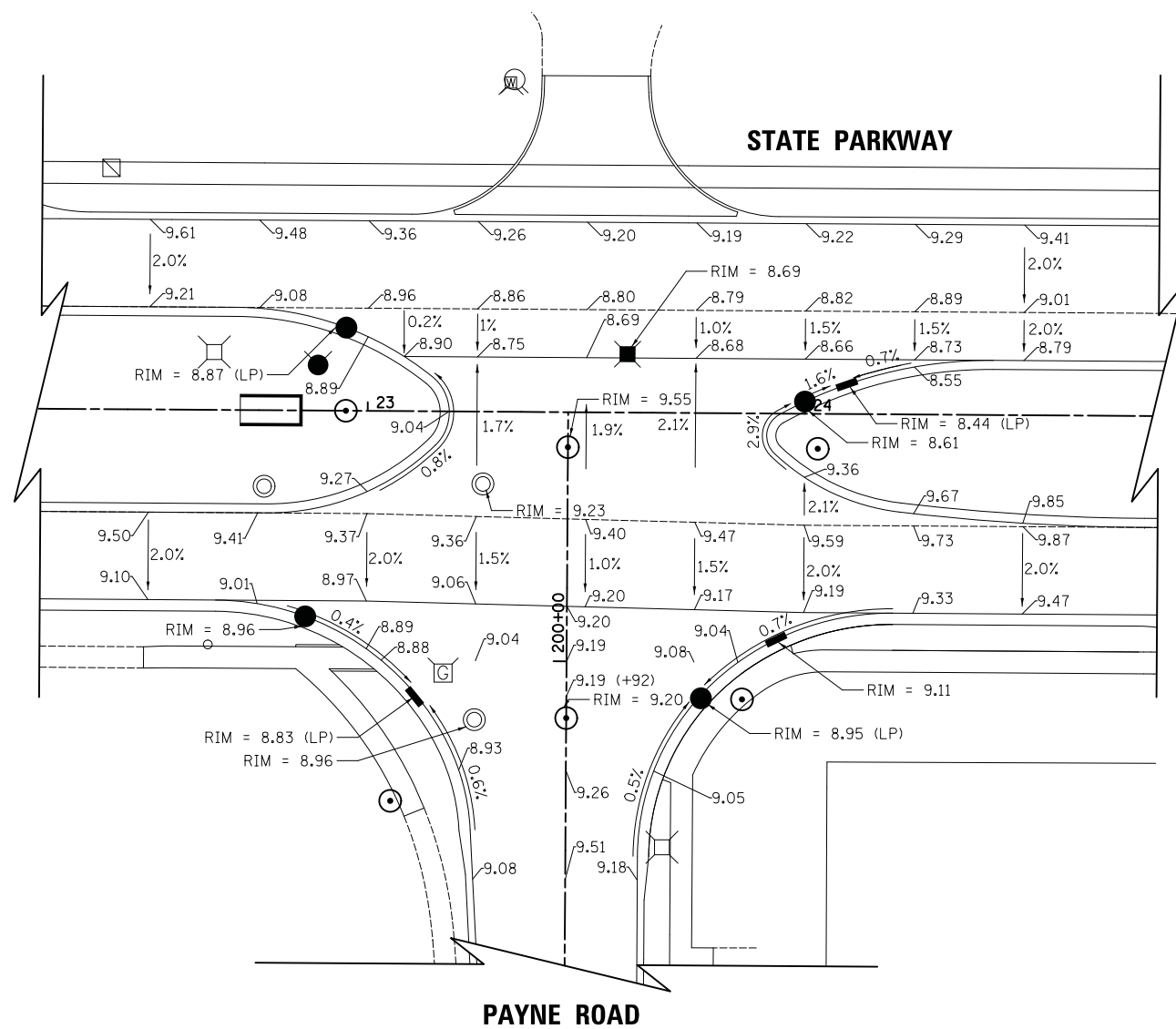
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- 2) ADD 720 TO ALL ELEVATIONS.



FILE NAME = ...\\3075..IGP01	USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS INTERSECTION GRADING PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JAT	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA.	TO STA.	1103	15-00119-00-PV	COOK	277	114
		CHECKED - DJK	REVISED -		CONTRACT NO. 61F00								
		DATE - 10/05/2018	REVISED -		ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.		
	NOTATIONS	



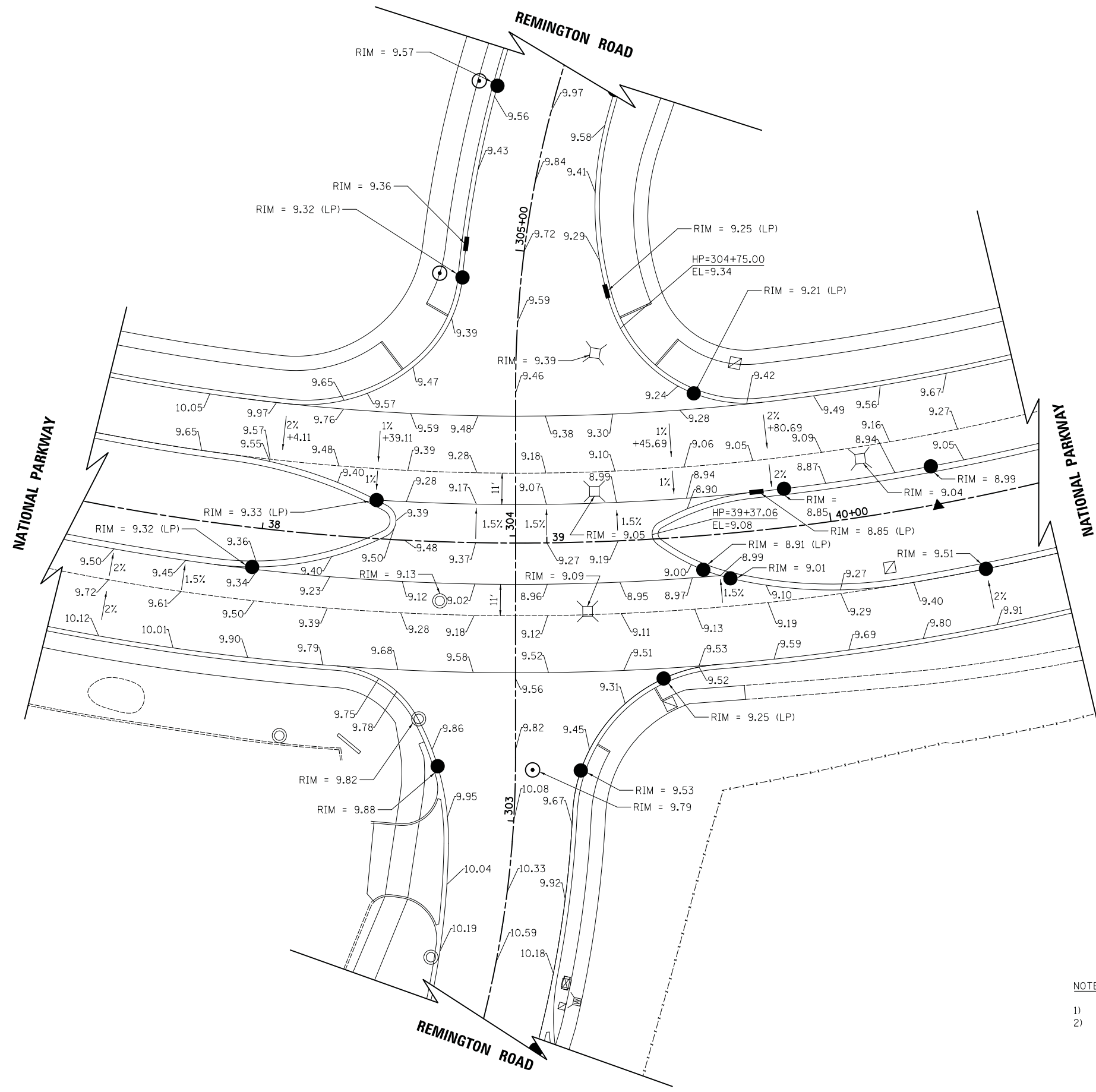
- NOTES:
- 1) ELEVATIONS ARE GIVEN EVERY 25' (TYP).
 - 2) ADD 720 TO ALL ELEVATIONS.

FILE NAME = ...\\3075..IGP02	USER NAME = jet	DESIGNED - JAT	REVISED -
		DRAWN - JAT	REVISED -
		CHECKED - DJK	REVISED -
		DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS INTERSECTION GRADING PLAN			
SCALE: 1" = 20'	SHEET 2 OF 4 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	115
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



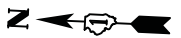
- NOTES:
- 1) ELEVATIONS ARE GIVEN EVERY 25' (TYP).
 - 2) ADD 720 TO ALL ELEVATIONS.



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	

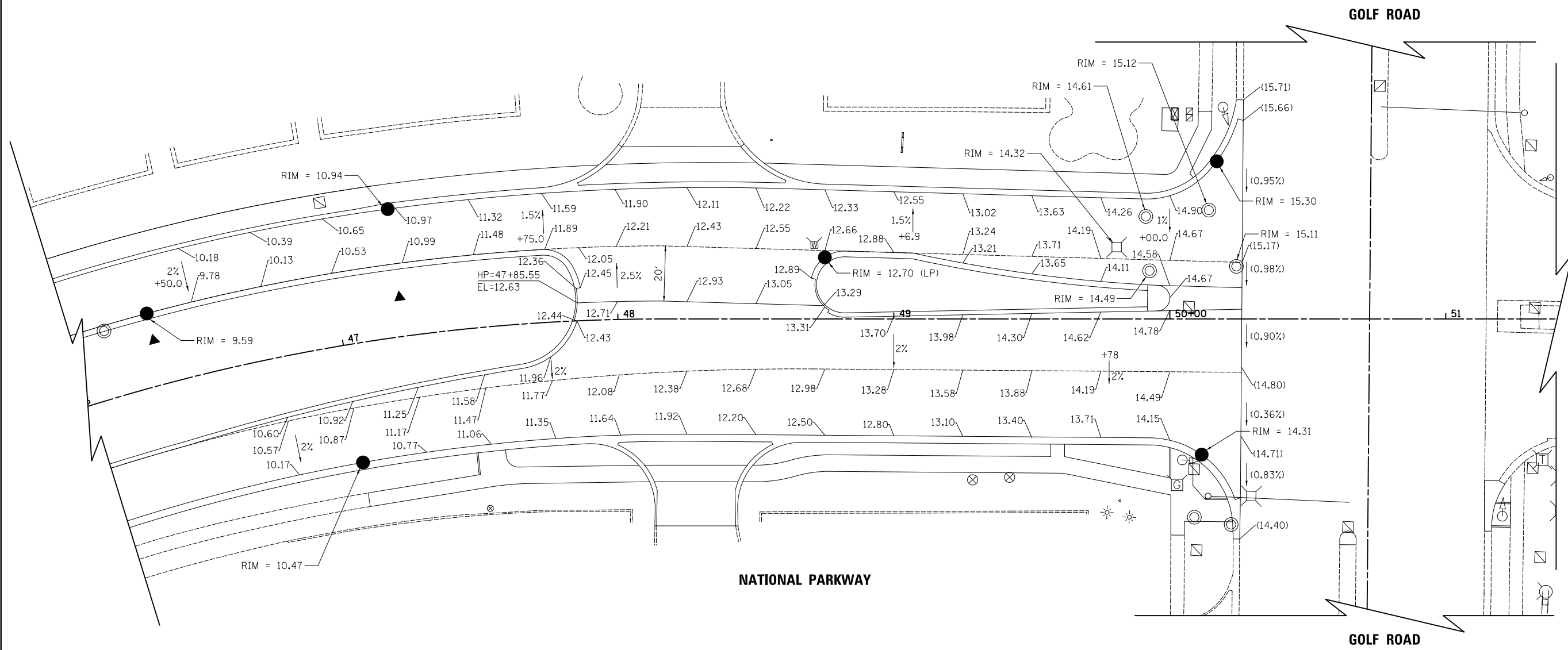
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	

FILE NAME = ...\\3075..IGP03	USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS INTERSECTION GRADING PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20.0000' / in.	DRAWN - JAT	REVISED -		SCALE: 1" = 20'	SHEET 3 OF 4 SHEETS	STA.	TO STA.	1103	15-00119-00-PV	COOK	277	116
	PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -		CONTRACT NO. 61F00								
		DATE - 10/05/2018	REVISED -		ILLINOIS FED. AID PROJECT								



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	DATE	



- NOTES:
- ELEVATIONS ARE GIVEN EVERY 25' (TYP).
 - ADD 720 TO ALL ELEVATIONS.

LEGEND

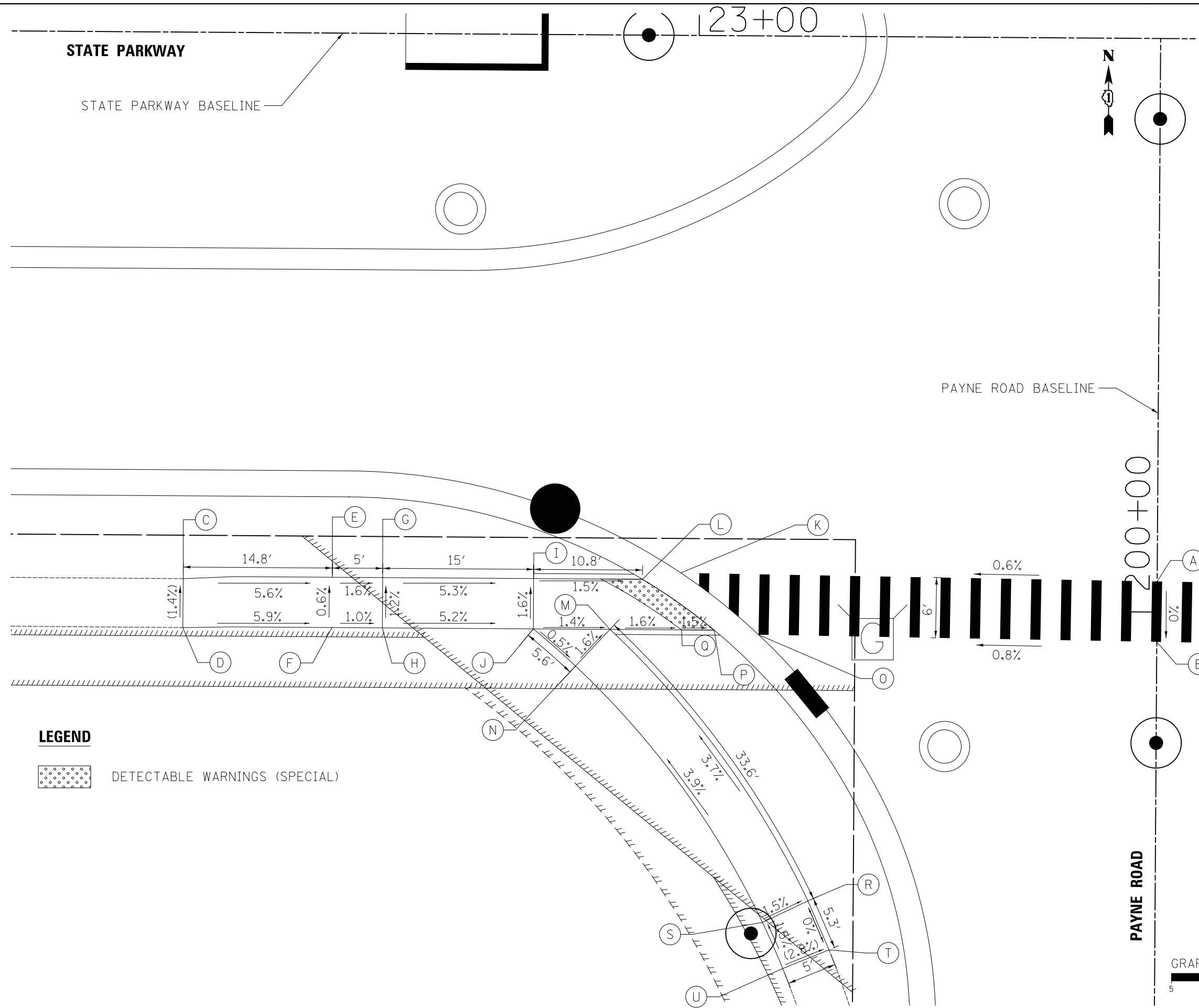
- (XX.XX) EXISTING ELEVATION
- XX.XX PROPOSED ELEVATION



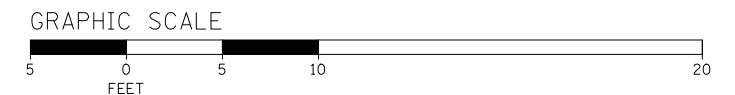
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		DRAWN - JAT	REVISED -		SCALE: 1" = 20'	SHEET 4 OF 4 SHEETS	STA.	TO STA.	1103	15-00119-00-PV	COOK	277	117
		CHECKED - DJK	REVISED -		CONTRACT NO. 61F00								
		DATE - 10/05/2018	REVISED -		ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	FILED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	
	CHP/D	

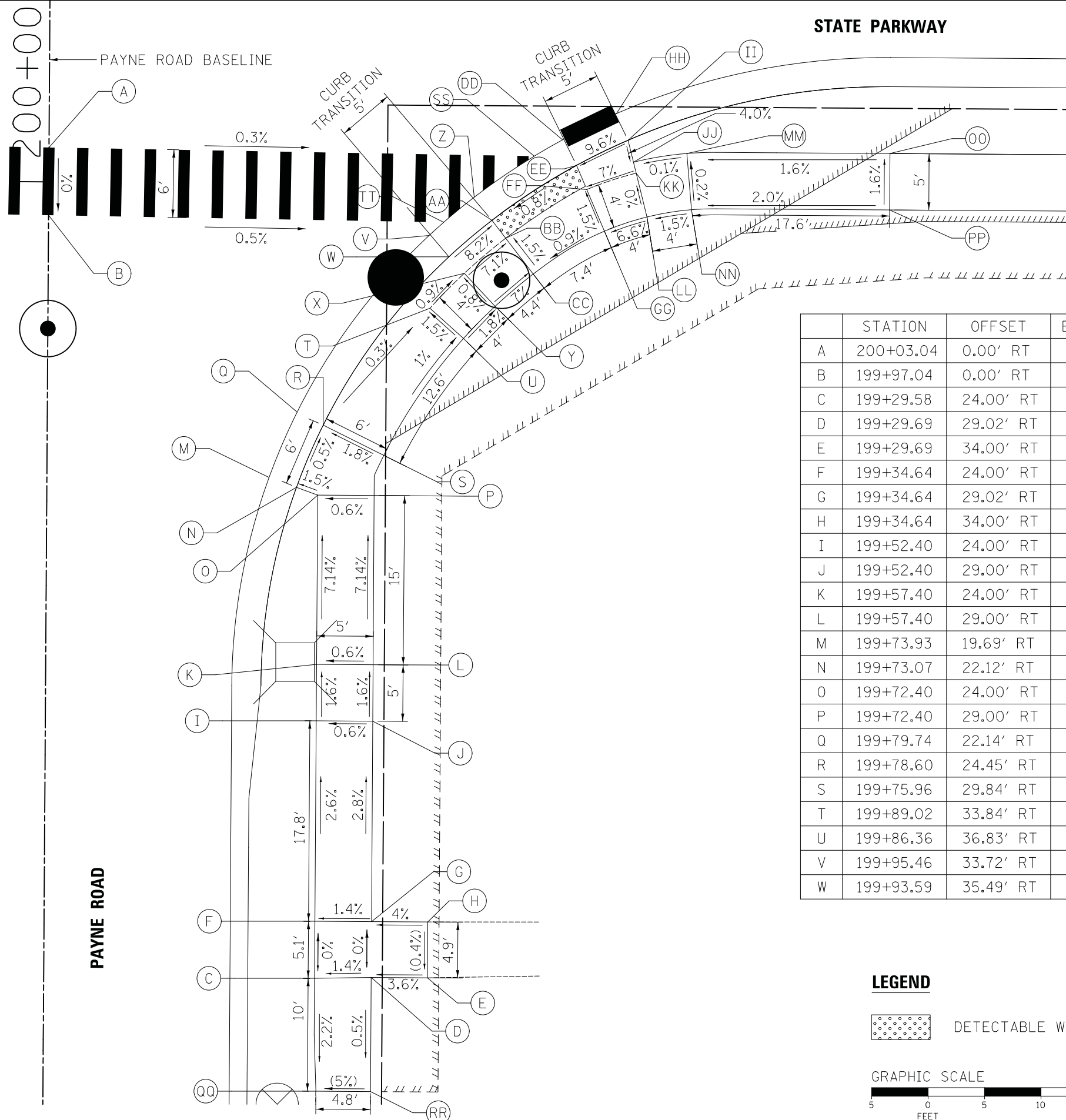


	STATION	OFFSET	ELEVATION
A	23+45.86	53.96' RT	729.19
B	23+45.86	59.96' RT	729.19
C	22+49.09	54.32' RT	(730.75)
D	22+49.08	59.18' RT	(730.82)
E	22+63.90	54.08' RT	729.92
F	22+63.90	59.08' RT	729.95
G	22+68.90	54.08' RT	729.84
H	22+68.90	59.08' RT	729.90
I	22+83.90	54.08' RT	729.04
J	22+83.90	59.08' RT	729.12
K	22+98.53	53.42' RT	728.90
L	22+94.72	54.08' RT	728.88
M	22+91.53	59.08' RT	729.01
N	22+88.13	62.75' LT	729.09
O	23+06.29	59.51' RT	728.86
P	23+01.87	59.08' RT	728.85
Q	22+98.63	59.08' RT	728.90
R	23+11.37	85.93' RT	730.25
S	23+06.86	88.10' RT	730.32
T	23+13.49	90.78' RT	(730.25)
U	23+08.91	92.67' RT	(730.39)



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	



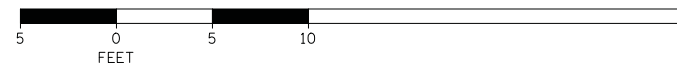
	STATION	OFFSET	ELEVATION
A	200+03.04	0.00' RT	729.19
B	199+97.04	0.00' RT	729.19
C	199+29.58	24.00' RT	731.08
D	199+29.69	29.02' RT	731.15
E	199+29.69	34.00' RT	(731.33)
F	199+34.64	24.00' RT	731.08
G	199+34.64	29.02' RT	731.15
H	199+34.64	34.00' RT	(731.35)
I	199+52.40	24.00' RT	730.62
J	199+52.40	29.00' RT	730.65
K	199+57.40	24.00' RT	730.54
L	199+57.40	29.00' RT	730.57
M	199+73.93	19.69' RT	729.06
N	199+73.07	22.12' RT	729.44
O	199+72.40	24.00' RT	729.47
P	199+72.40	29.00' RT	729.50
Q	199+79.74	22.14' RT	729.03
R	199+78.60	24.45' RT	729.41
S	199+75.96	29.84' RT	729.52
T	199+89.02	33.84' RT	729.37
U	199+86.36	36.83' RT	729.43
V	199+95.46	33.72' RT	728.99
W	199+93.59	35.49' RT	729.37

	STATION	OFFSET	ELEVATION
X	199+92.13	36.87' RT	729.33
Y	199+89.23	39.61' RT	729.36
Z	199+98.88	37.70' RT	729.02
AA	199+96.84	39.28' RT	728.96
BB	199+95.26	40.51' RT	728.99
CC	199+92.11	42.97' RT	729.05
DD	200+04.01	45.50' RT	729.09
EE	200+01.76	46.75' RT	729.03
FF	199+99.62	47.67' RT	729.06
GG	199+95.95	49.25' RT	729.12
HH	200+06.37	50.26' RT	729.13
II	200+04.01	51.30' RT	729.51
JJ	200+02.07	51.79' RT	729.43
KK	200+01.10	52.03' RT	729.39
LL	199+97.23	53.02' RT	729.39
MM	200+02.88	56.52' RT	729.44
NN	199+97.89	56.96' RT	729.45
OO	200+02.99	74.51' RT	729.73
PP	199+97.99	74.51' RT	729.81
QQ	199+19.58	24.18' RT	(730.86)
RR	199+19.58	29.02' RT	(731.10)
SS	200+02.55	42.99' RT	729.07
TT	199+96.64	35.01' RT	729.00

LEGEND

 DETECTABLE WARNINGS (SPECIAL)

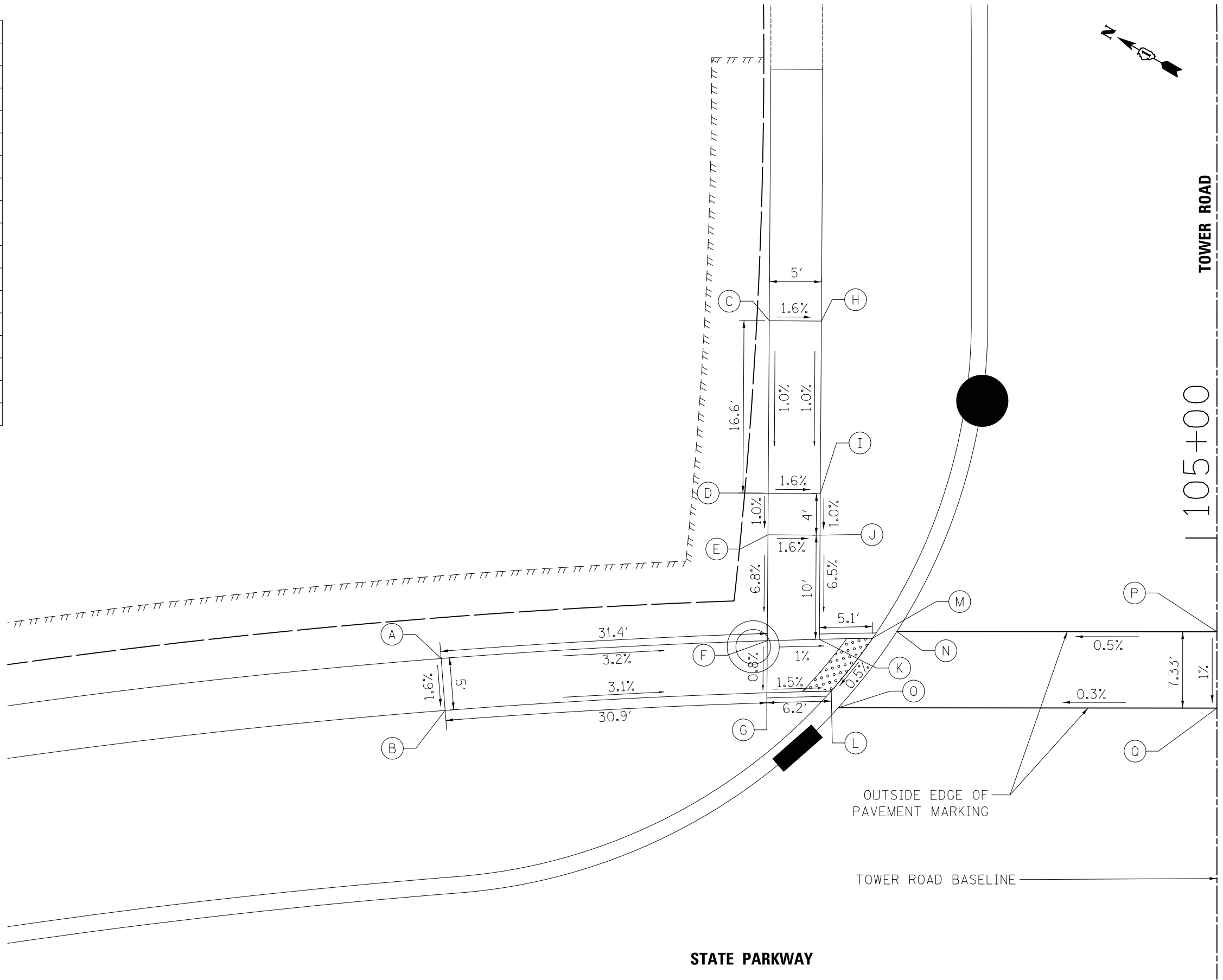
GRAPHIC SCALE



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	FILE NAME	

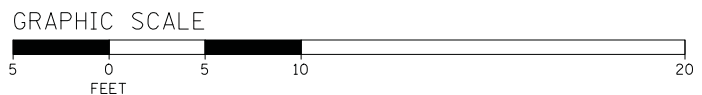
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	FILE NAME	

	STATION	OFFSET	ELEVATION
A	104+88.43	74.48' LT	730.60
B	104+83.44	74.09' LT	730.52
C	105+20.87	42.97' LT	730.47
D	105+04.31	43.08' LT	730.30
E	105+00.31	43.10' LT	730.27
F	104+90.14	43.17' LT	729.59
G	104+85.14	43.20' LT	729.55
H	105+20.84	37.97' LT	730.39
I	105+04.28	38.08' LT	730.22
J	105+00.28	38.10' LT	730.19
K	104+90.28	38.16' LT	729.54
L	104+85.30	37.03' LT	729.46
M	104+90.38	33.05' LT	729.49
N	104+91.03	30.72' LT	729.51
O	104+83.70	36.35' LT	729.47
P	104+91.00	0.00' RT	729.65
Q	104+83.67	0.00' RT	729.58



LEGEND

 DETECTABLE WARNINGS (SPECIAL)



FILE NAME = ...\\3075_ADA03.dgn	USER NAME = jet	DESIGNED - JAT	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS ADA GRADING	F.A.U. RTE. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 120		
PLOT SCALE = 5.0000' / in.	CHECKED - DJK	REVISOR -	SCALE: 1" = 5'			SHEET 3 OF 12 SHEETS	CONTRACT NO. 61F00		ILLINOIS FED. AID PROJECT			
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISOR -										

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	

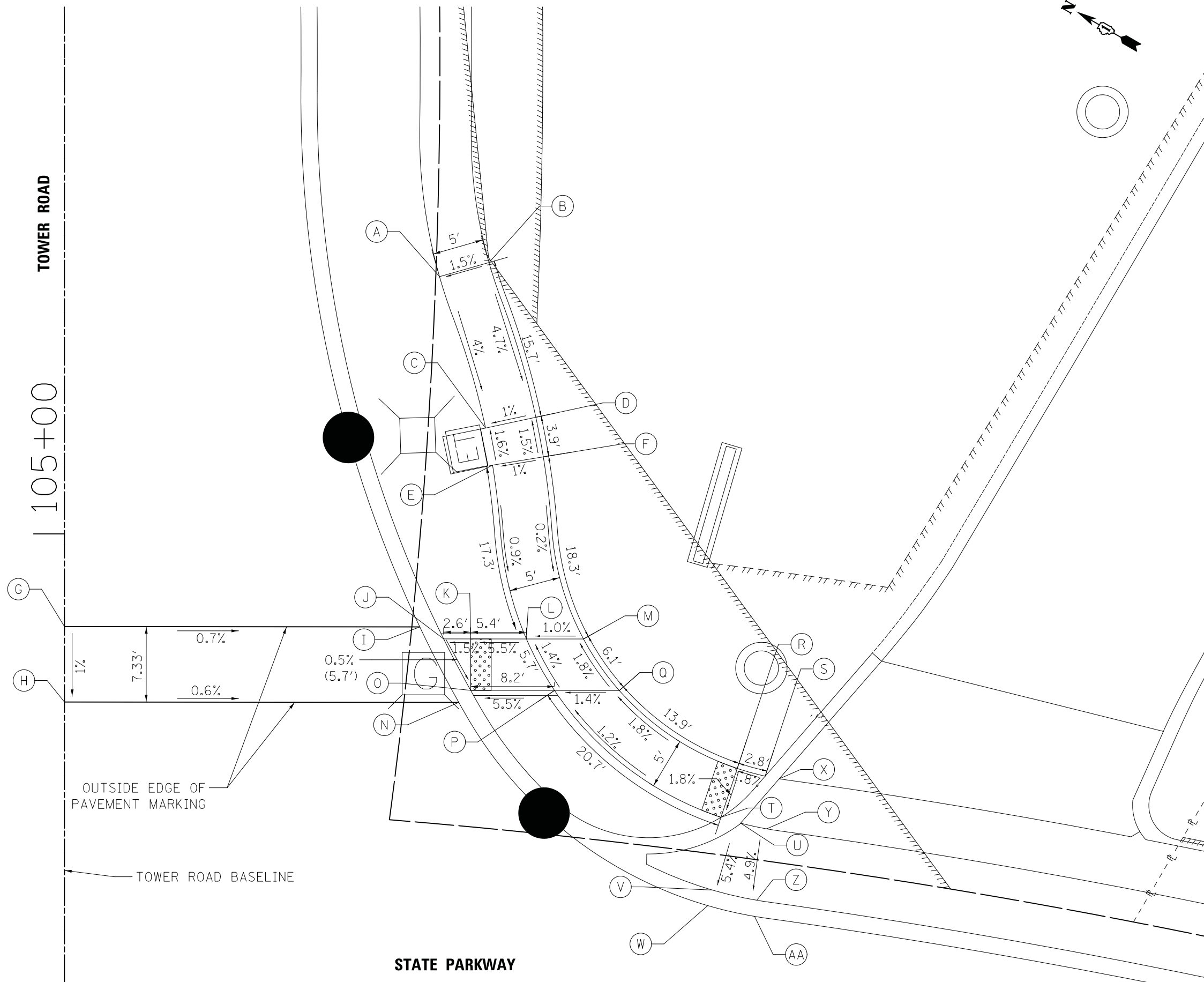
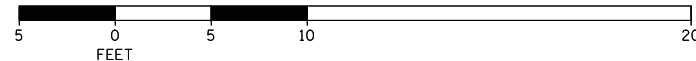
PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS	
	NO.	

	STATION	OFFSET	ELEVATION
A	105+25.00	36.46' RT	730.43
B	105+26.37	41.27' RT	730.50
C	105+10.28	40.93' RT	(729.81)
D	105+11.33	45.82' RT	729.76
E	105+06.68	41.61' RT	(729.87)
F	105+07.49	46.55' RT	729.82
G	104+91.00	0.00' RT	729.65
H	104+83.67	0.00' RT	729.58
I	104+90.97	34.54' RT	729.42
J	104+89.80	36.86' RT	729.38
K	104+89.80	39.49' RT	729.42
L	104+89.79	44.91' RT	729.72
M	104+89.79	50.46' RT	729.78
N	104+83.63	38.33' RT	729.37
O	104+84.79	39.49' RT	729.35
P	104+84.79	47.64' RT	729.80
Q	104+84.78	53.94' RT	729.89
R	104+77.21	65.40' RT	730.14
S	104+76.46	68.12' RT	730.19
T	104+72.46	63.82' RT	730.05
U	104+71.89	65.73' RT	730.08
V	104+65.39	62.98' RT	729.74
W	104+63.88	62.54' RT	729.54
X	104+76.20	69.48' RT	730.18
Y	104+71.34	68.25' RT	730.11
Z	104+64.40	67.30' RT	729.77
AA	104+62.83	67.09' RT	729.60

LEGEND

 DETECTABLE WARNINGS (SPECIAL)

GRAPHIC SCALE



FILE NAME = ...\\3075_ADA04.dgn	USER NAME = jet	DESIGNED - JAT	REVISED -
		DRAWN - JAT	REVISED -
	PLOT SCALE = 5.0000' / in.	CHECKED - DJK	REVISED -
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
ADA GRADING

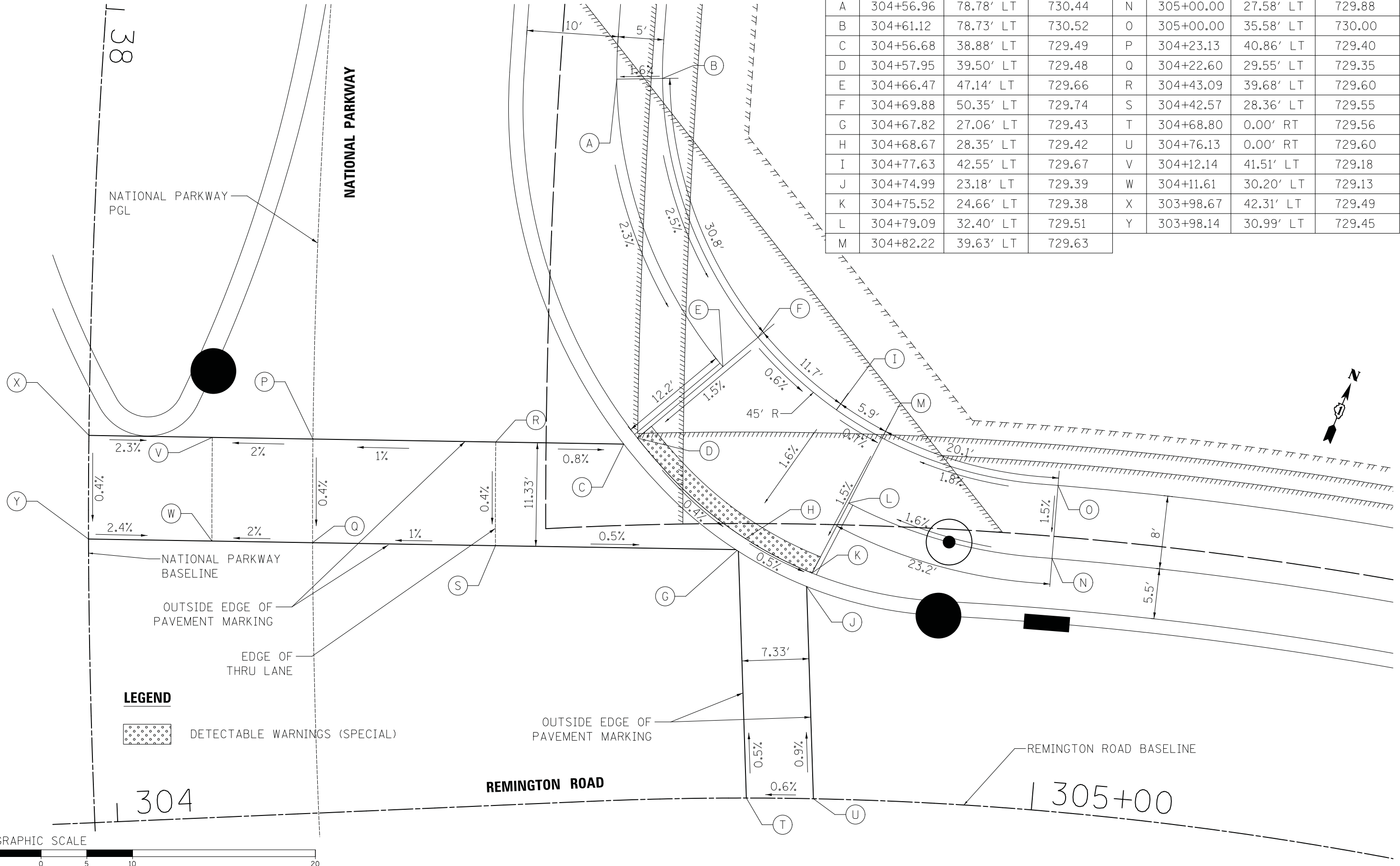
SCALE: 1" = 5' SHEET 4 OF 12 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	121
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATION	

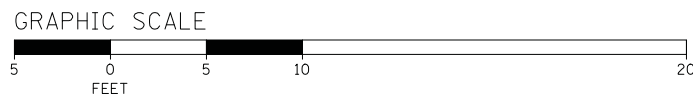
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	304+56.96	78.78' LT	730.44	N	305+00.00	27.58' LT	729.88
B	304+61.12	78.73' LT	730.52	O	305+00.00	35.58' LT	730.00
C	304+56.68	38.88' LT	729.49	P	304+23.13	40.86' LT	729.40
D	304+57.95	39.50' LT	729.48	Q	304+22.60	29.55' LT	729.35
E	304+66.47	47.14' LT	729.66	R	304+43.09	39.68' LT	729.60
F	304+69.88	50.35' LT	729.74	S	304+42.57	28.36' LT	729.55
G	304+67.82	27.06' LT	729.43	T	304+68.80	0.00' RT	729.56
H	304+68.67	28.35' LT	729.42	U	304+76.13	0.00' RT	729.60
I	304+77.63	42.55' LT	729.67	V	304+12.14	41.51' LT	729.18
J	304+74.99	23.18' LT	729.39	W	304+11.61	30.20' LT	729.13
K	304+75.52	24.66' LT	729.38	X	303+98.67	42.31' LT	729.49
L	304+79.09	32.40' LT	729.51	Y	303+98.14	30.99' LT	729.45
M	304+82.22	39.63' LT	729.63				



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATION	

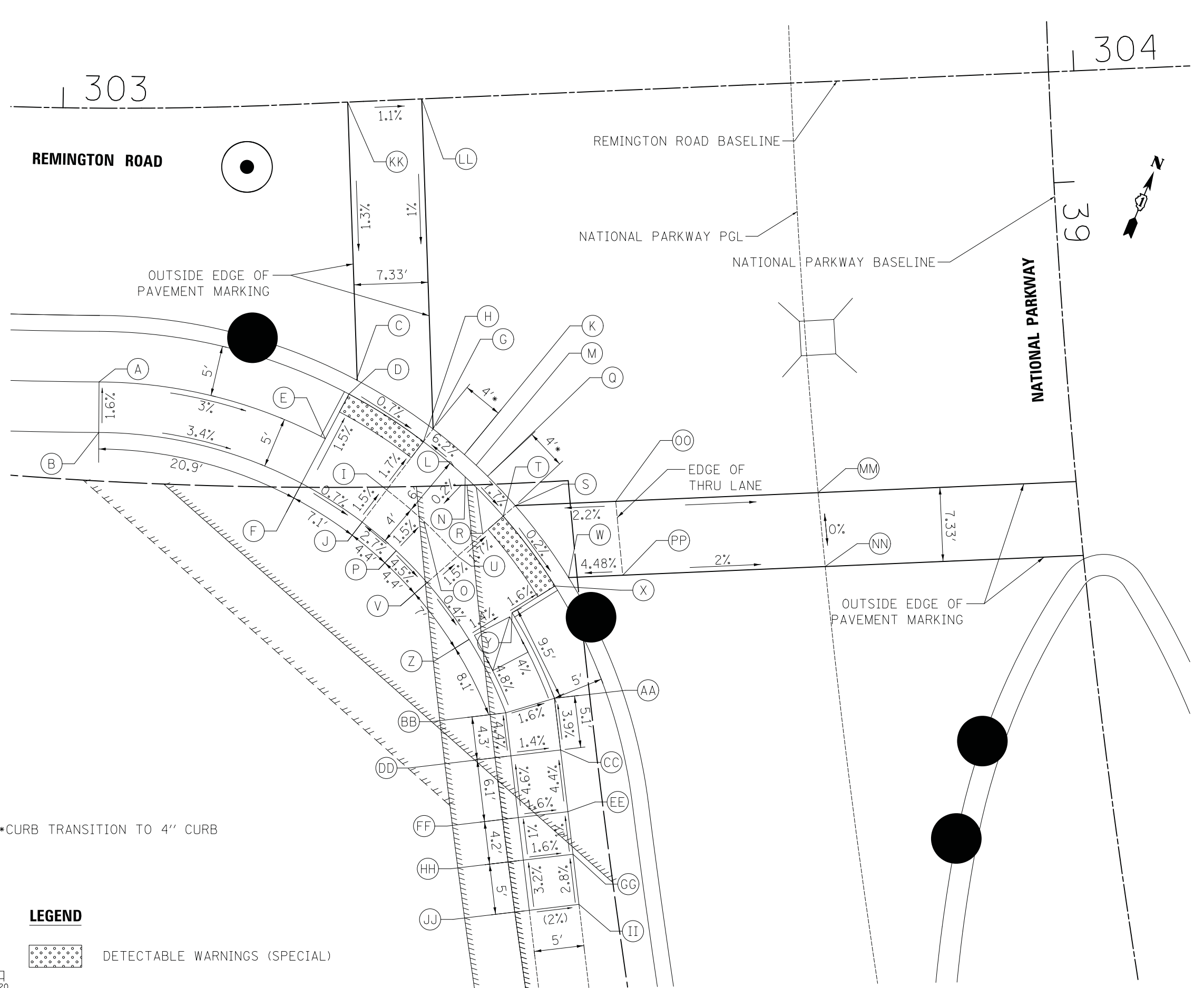
	STATION	OFFSET	ELEVATION
A	303+03.72	27.08' RT	730.20
B	303+03.72	32.08' RT	730.28
C	303+27.83	27.49' RT	729.43
D	303+27.03	28.86' RT	729.42
E	303+24.51	33.17' RT	729.50
F	303+22.00	37.49' RT	729.57
G	303+35.20	32.66' RT	729.37
H	303+34.19	33.87' RT	729.36
I	303+30.36	38.49' RT	729.46
J	303+27.80	41.56' RT	729.52
K	303+38.18	35.32' RT	729.33
L	303+37.09	36.46' RT	729.60
M	303+39.30	36.43' RT	729.32
N	303+38.17	37.53' RT	729.59
O	303+33.89	41.74' RT	729.58
P	303+31.03	44.54' RT	729.64
Q	303+40.38	37.56' RT	729.31
R	303+39.22	38.64' RT	729.58
S	303+42.99	40.59' RT	729.29
T	303+41.76	41.58' RT	729.28
U	303+37.07	45.33' RT	729.38
V	303+33.95	47.83' RT	729.44
W	303+47.94	47.92' RT	729.27
X	303+46.57	48.70' RT	729.26
Y	303+42.21	51.16' RT	729.34
Z	303+37.86	53.61' RT	729.41
AA	303+46.03	59.79' RT	729.72
BB	303+41.17	61.02' RT	729.80
CC	303+46.42	64.92' RT	729.92
DD	303+41.50	65.30' RT	729.99
EE	303+46.89	71.05' RT	730.19
FF	303+41.96	71.43' RT	730.27
GG	303+47.21	75.28' RT	730.23
HH	303+42.28	75.65' RT	730.31
II	303+47.59	80.26' RT	(730.37)
JJ	303+42.66	80.64' RT	(730.47)
KK	303+28.15	0.00' RT	729.79
LL	303+35.48	0.00' RT	729.71
MM	303+72.95	40.59' RT	729.11
NN	303+73.34	47.92' RT	729.11
OO	303+52.93	40.59' RT	729.51
PP	303+53.31	47.92' RT	729.51



*CURB TRANSITION TO 4" CURB

LEGEND

DETECTABLE WARNINGS (SPECIAL)



FILE NAME = ...\\3075_AD407.dgn

USER NAME = jat
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 10/31/2018

DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10/05/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 ADA GRADING**

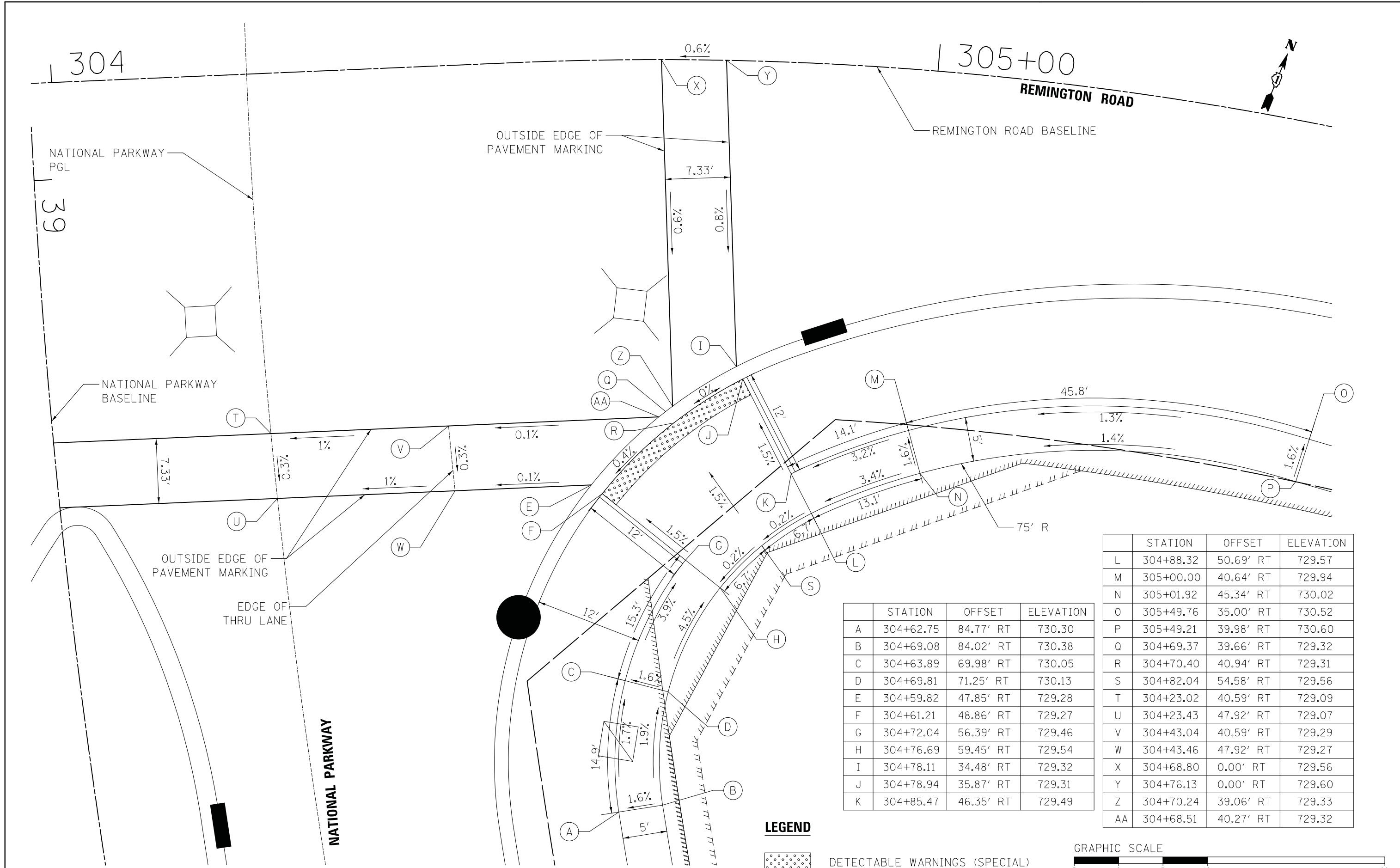
SCALE: 1" = 5' SHEET 7 OF 12 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	124
CONTRACT NO. 61FOO				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	FILE NAME	

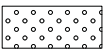
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	



	STATION	OFFSET	ELEVATION
L	304+88.32	50.69' RT	729.57
M	305+00.00	40.64' RT	729.94
N	305+01.92	45.34' RT	730.02
O	305+49.76	35.00' RT	730.52
P	305+49.21	39.98' RT	730.60
Q	304+69.37	39.66' RT	729.32
R	304+70.40	40.94' RT	729.31
S	304+82.04	54.58' RT	729.56
T	304+23.02	40.59' RT	729.09
U	304+23.43	47.92' RT	729.07
V	304+43.04	40.59' RT	729.29
W	304+43.46	47.92' RT	729.27
X	304+68.80	0.00' RT	729.56
Y	304+76.13	0.00' RT	729.60
Z	304+70.24	39.06' RT	729.33
AA	304+68.51	40.27' RT	729.32

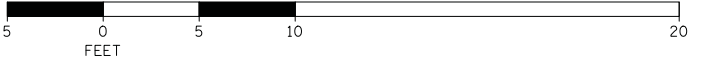
	STATION	OFFSET	ELEVATION
A	304+62.75	84.77' RT	730.30
B	304+69.08	84.02' RT	730.38
C	304+63.89	69.98' RT	730.05
D	304+69.81	71.25' RT	730.13
E	304+59.82	47.85' RT	729.28
F	304+61.21	48.86' RT	729.27
G	304+72.04	56.39' RT	729.46
H	304+76.69	59.45' RT	729.54
I	304+78.11	34.48' RT	729.32
J	304+78.94	35.87' RT	729.31
K	304+85.47	46.35' RT	729.49

LEGEND



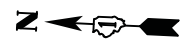
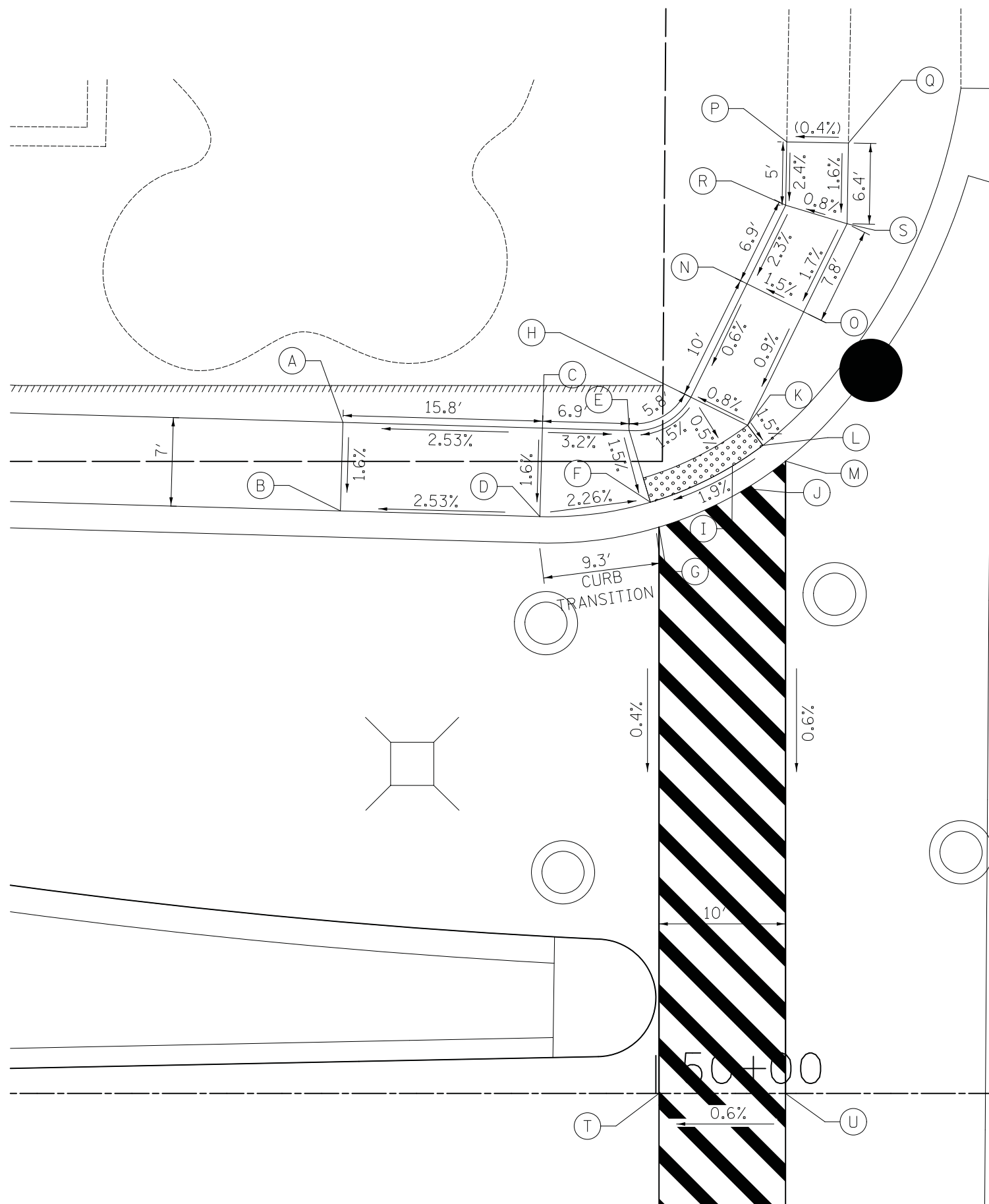
DETECTABLE WARNINGS (SPECIAL)

GRAPHIC SCALE



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	



	STATION	OFFSET	ELEVATION
A	49+75.26	53.04' LT	734.78
B	49+75.06	46.05' LT	734.67
C	49+91.03	52.59' LT	735.18
D	49+90.83	45.60' LT	735.07
E	49+97.89	52.40' LT	734.96
F	49+99.57	46.74' LT	734.87
G	50+00.25	44.77' LT	734.90
H	50+02.77	55.04' LT	735.05
I	50+06.05	49.60' LT	735.00
J	50+07.13	47.82' LT	735.03
K	50+07.25	52.82' LT	735.09
L	50+08.46	51.23' LT	735.06
M	50+10.25	49.98' LT	735.10
N	50+07.20	64.00' LT	735.11
O	50+11.68	61.79' LT	735.18
P	50+10.35	75.21' LT	(735.39)
Q	50+15.23	75.13' LT	(735.41)
R	50+10.27	70.21' LT	735.27
S	50+15.12	68.75' LT	735.31
T	50+00.25	0.00' RT	734.74
U	50+10.25	0.00' RT	734.80

LEGEND

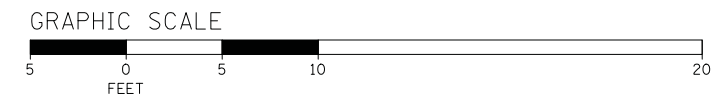
 DETECTABLE WARNINGS (SPECIAL)

GOLF ROAD

GOLF ROAD BASELINE

NATIONAL PARKWAY BASELINE

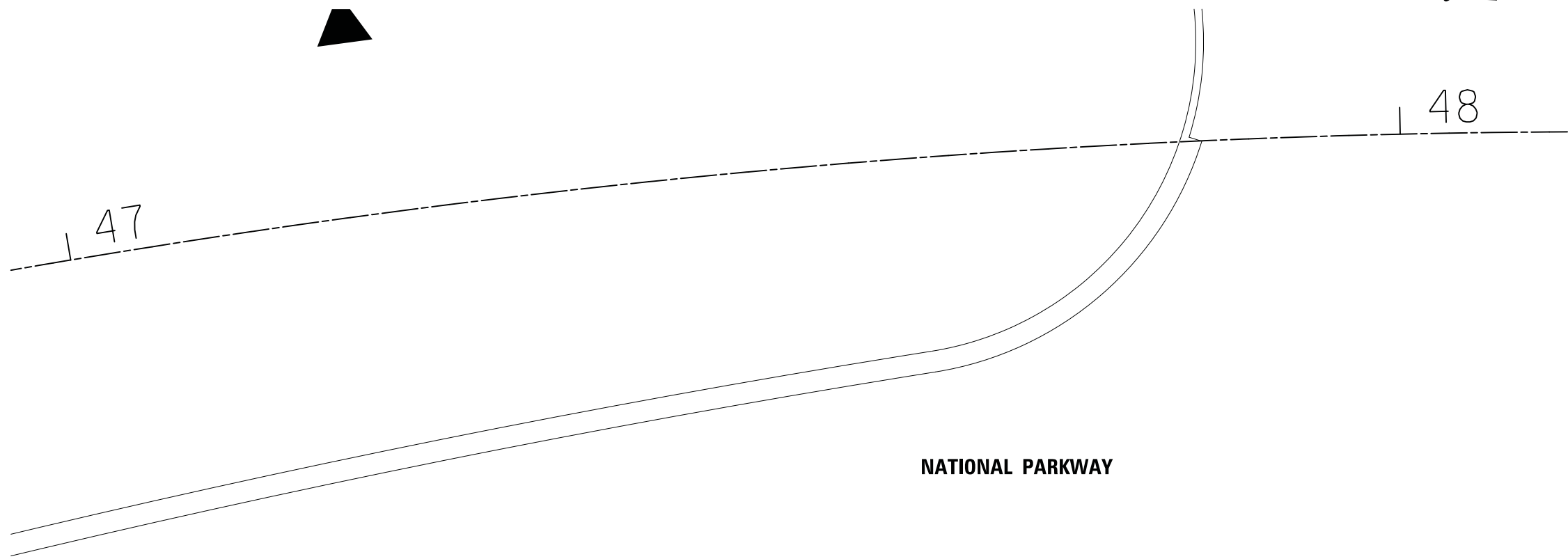
NATIONAL PARKWAY



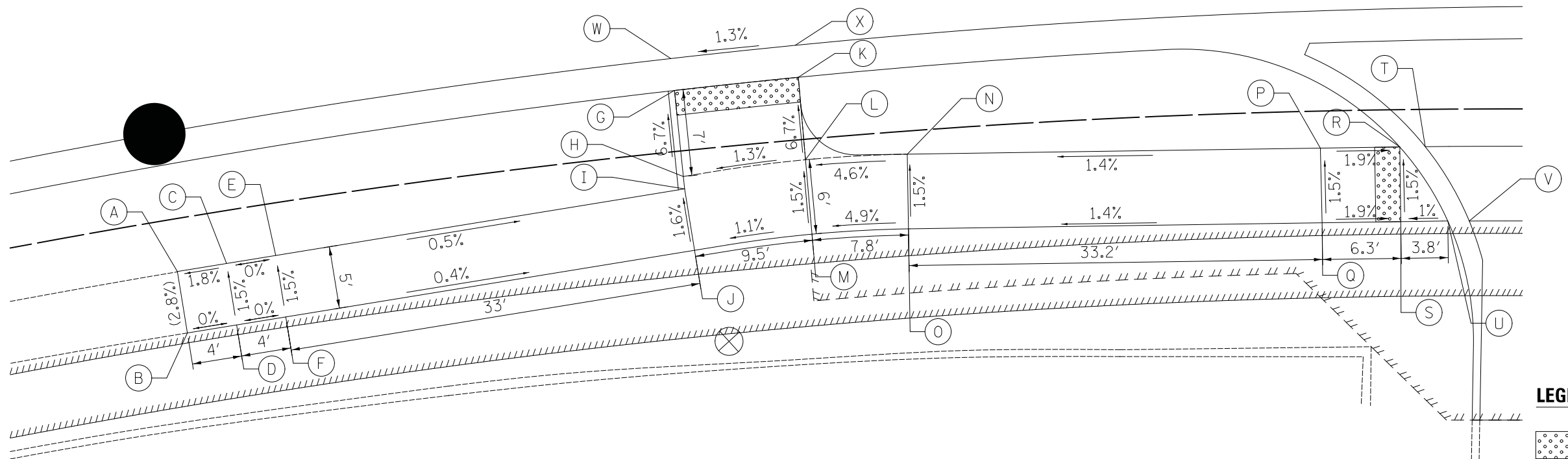
FILE NAME = ...\\3075..AD409	USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS ADA GRADING			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JAT	REVISED -		1103	15-00119-00-PV	COOK	277	126	CONTRACT NO. 61FOO		
		CHECKED - DJK	REVISED -		SCALE: 1" = 5'			SHEET 9 OF 12 SHEETS			ILLINOIS FED. AID PROJECT	
		PLOT DATE = 10/31/2018	DATE = 10/05/2018									

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	AS BUILT	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS CHECKED	

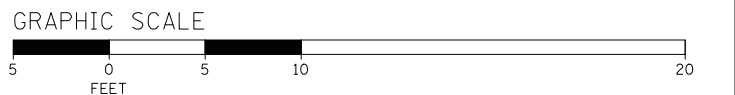


	STATION	OFFSET	ELEVATION
A	47+00.00	54.20' RT	(731.51)
B	46+99.98	59.20' RT	(731.65)
C	47+04.34	54.21' RT	731.58
D	47+04.35	59.21' RT	731.65
E	47+08.68	54.19' RT	731.58
F	47+08.72	59.19' RT	731.65
G	47+44.66	45.11' RT	730.94
H	47+44.66	52.06' RT	731.41
I	47+44.66	53.06' RT	731.43
J	47+44.99	58.05' RT	731.51
K	47+55.35	44.99' RT	731.07
L	47+55.35	51.64' RT	731.52
M	47+55.35	57.64' RT	731.61
N	47+64.17	51.85' RT	731.90
O	47+63.79	57.84' RT	731.99
P	48+00.00	52.98' RT	732.37
Q	48+00.00	58.98' RT	732.46
R	48+06.90	53.00' RT	732.25
S	48+06.90	59.00' RT	732.34
T	48+09.11	53.00' RT	732.26
U	48+11.02	58.98' RT	732.38
V	48+12.90	59.00' RT	732.39
W	47+44.63	42.53' RT	731.00
X	47+55.32	42.41' RT	731.13



LEGEND

DETECTABLE WARNINGS (SPECIAL)



FILE NAME = ...\\3075_ADA09a.dgn	USER NAME = jet	DESIGNED - JAT	REVISED -
		DRAWN - JAT	REVISED -
	PLOT SCALE = 5.0000' / in.	CHECKED - DJK	REVISED -
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

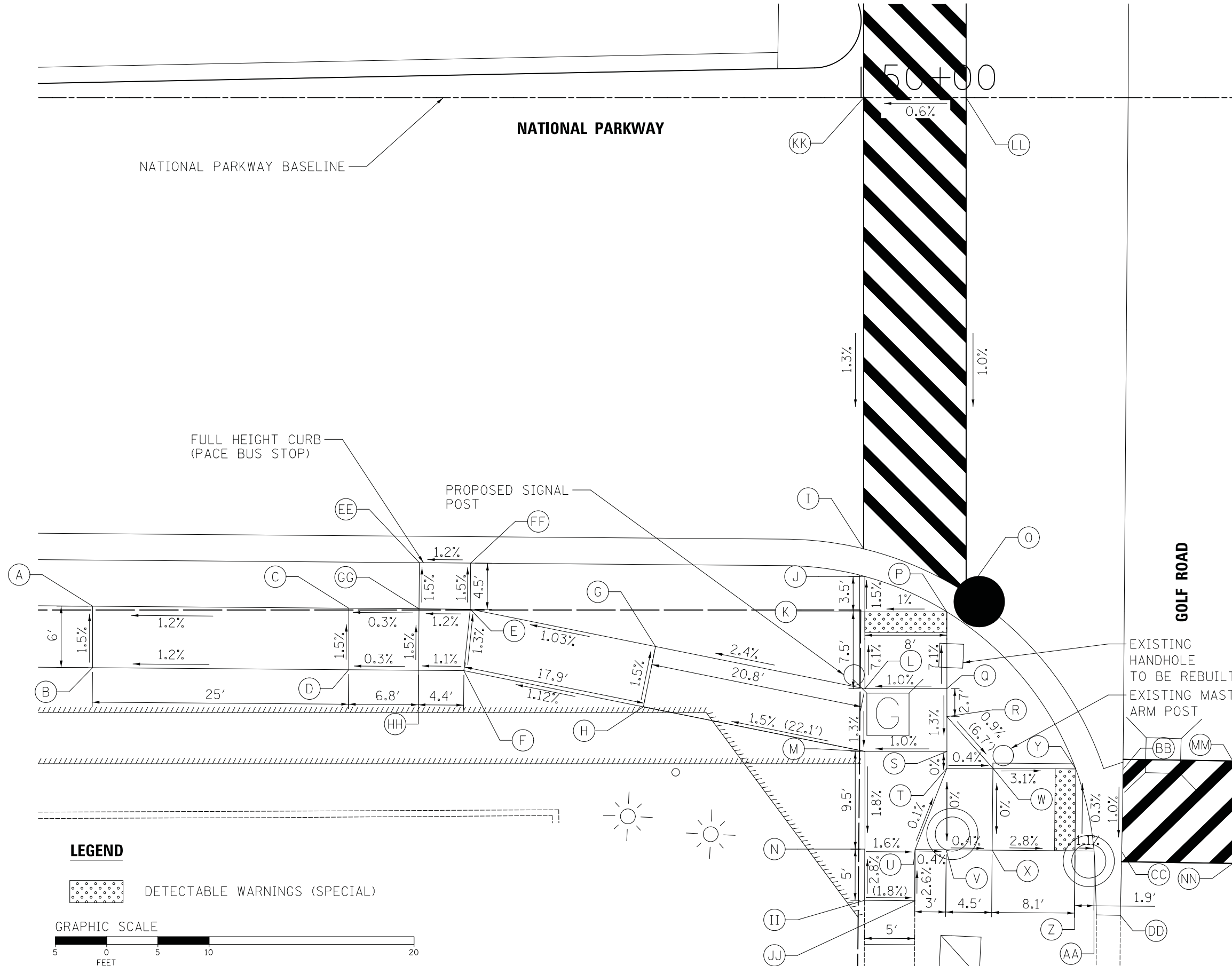
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
ADA GRADING**

SCALE: 1" = 5' SHEET 10 OF 12 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	127
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	BY	
	DATE	

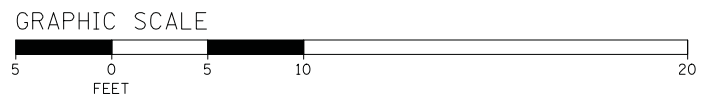
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATION	
	CHFD	



	STATION	OFFSET	ELEVATION
A	49+25.00	49.63' RT	733.66
B	49+25.00	55.63' RT	733.75
C	49+50.00	49.82' RT	733.96
D	49+50.00	55.82' RT	734.05
E	49+61.86	49.92' RT	734.00
F	49+61.23	55.91' RT	734.08
G	49+79.94	53.56' RT	734.19
H	49+78.75	59.44' RT	734.28
I	50+00.25	44.02' RT	734.16
J	50+00.36	46.72' RT	734.10
K	50+00.37	50.18' RT	734.15
L	50+00.37	57.68' RT	734.68
M	50+00.37	63.80' RT	734.60
N	50+00.35	73.33' RT	734.77
O	50+10.25	48.31' RT	734.30
P	50+08.37	50.18' RT	734.23
Q	50+08.37	57.68' RT	734.76
R	50+08.37	60.40' RT	734.72
S	50+08.37	63.80' RT	734.68
T	50+08.37	65.44' RT	734.68
U	50+05.27	73.38' RT	734.69
V	50+08.30	73.40' RT	734.68
W	50+12.86	65.44' RT	734.66
X	50+12.79	73.44' RT	734.66
Y	50+21.24	65.51' RT	734.41
Z	50+20.87	73.51' RT	734.43
AA	50+22.73	73.52' RT	734.41
BB	50+25.56	65.56' RT	734.55
CC	50+25.43	73.58' RT	734.47
DD	50+25.30	79.80' RT	734.40
EE	49+56.89	45.38' RT	733.87
FF	49+61.89	45.42' RT	734.93
GG	49+56.86	49.88' RT	733.94
HH	49+56.81	55.88' RT	734.03
II	50+00.34	78.33' RT	(734.91)
JJ	50+05.24	78.38' RT	(734.82)
KK	50+00.25	0.00' RT	734.74
LL	50+10.25	0.00' RT	734.80
MM	50+71.84	65.26' RT	735.34
NN	50+71.75	75.26' RT	735.26

LEGEND

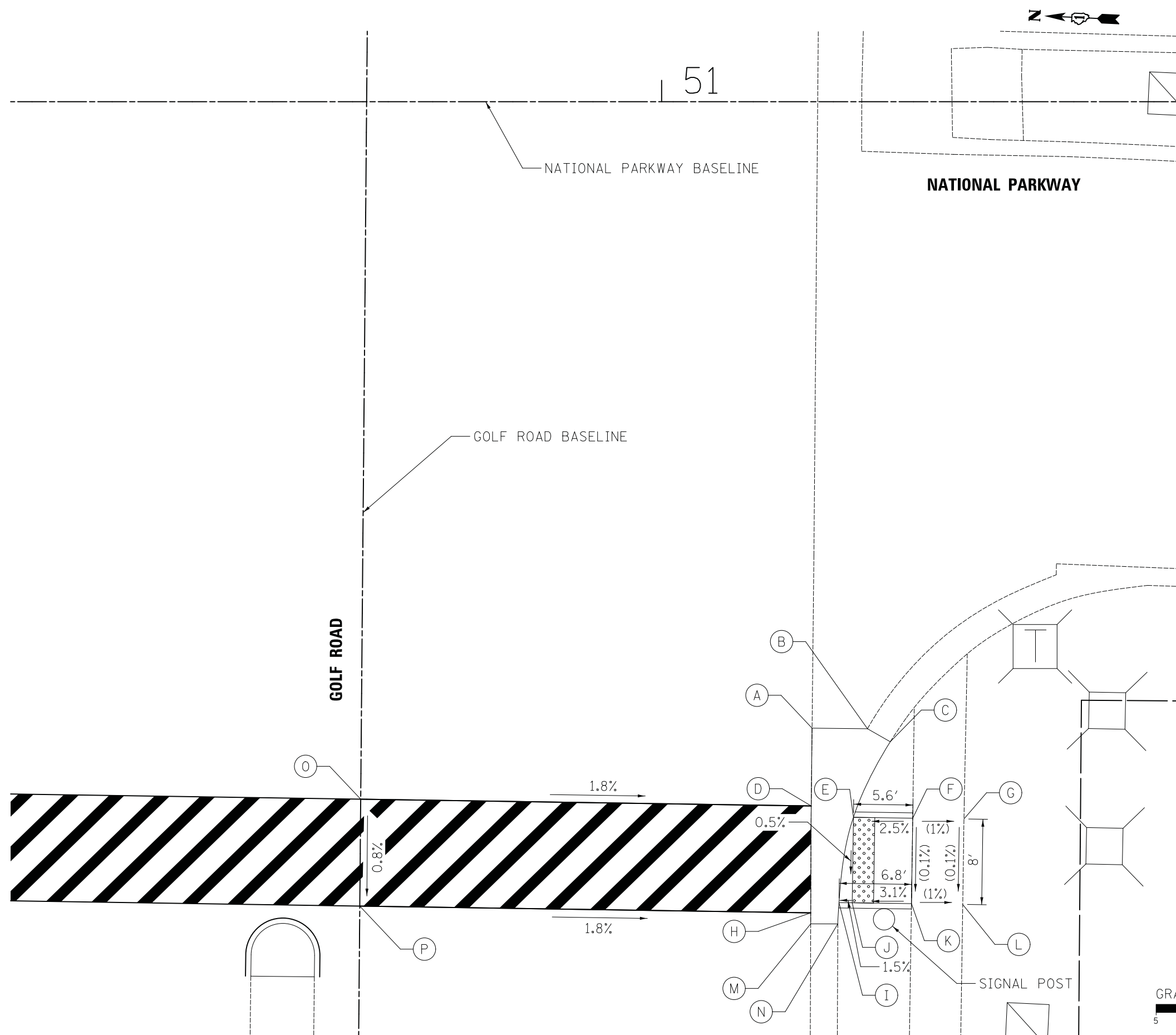
DETECTABLE WARNINGS (SPECIAL)



NOTE: STATION, OFFSET, AND ELEVATION GIVEN FOR POINTS MM AND NN ARE ON THE GOLF ROAD BASELINE.

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

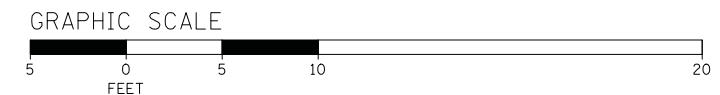
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	



	STATION	OFFSET	ELEVATION
A	51+14.08	58.61' RT	734.64
B	51+19.27	58.67' RT	734.54
C	51+21.41	59.88' RT	734.91
D	51+14.01	65.89' RT	(734.59)
E	51+17.96	66.95' RT	734.51
F	51+23.51	67.03' RT	734.65
G	51+28.30	67.10' RT	734.60
H	51+13.96	75.89' RT	(734.50)
I	51+16.60	74.93' RT	734.45
J	51+17.84	74.95' RT	734.47
K	51+23.39	75.03' RT	734.64
L	51+28.18	75.10' RT	734.59
M	51+13.95	76.92' RT	734.49
N	51+16.49	76.93' RT	734.88
O	50+71.84	65.26' RT	735.34
P	50+71.75	75.26' RT	735.26

LEGEND

 DETECTABLE WARNINGS (SPECIAL)

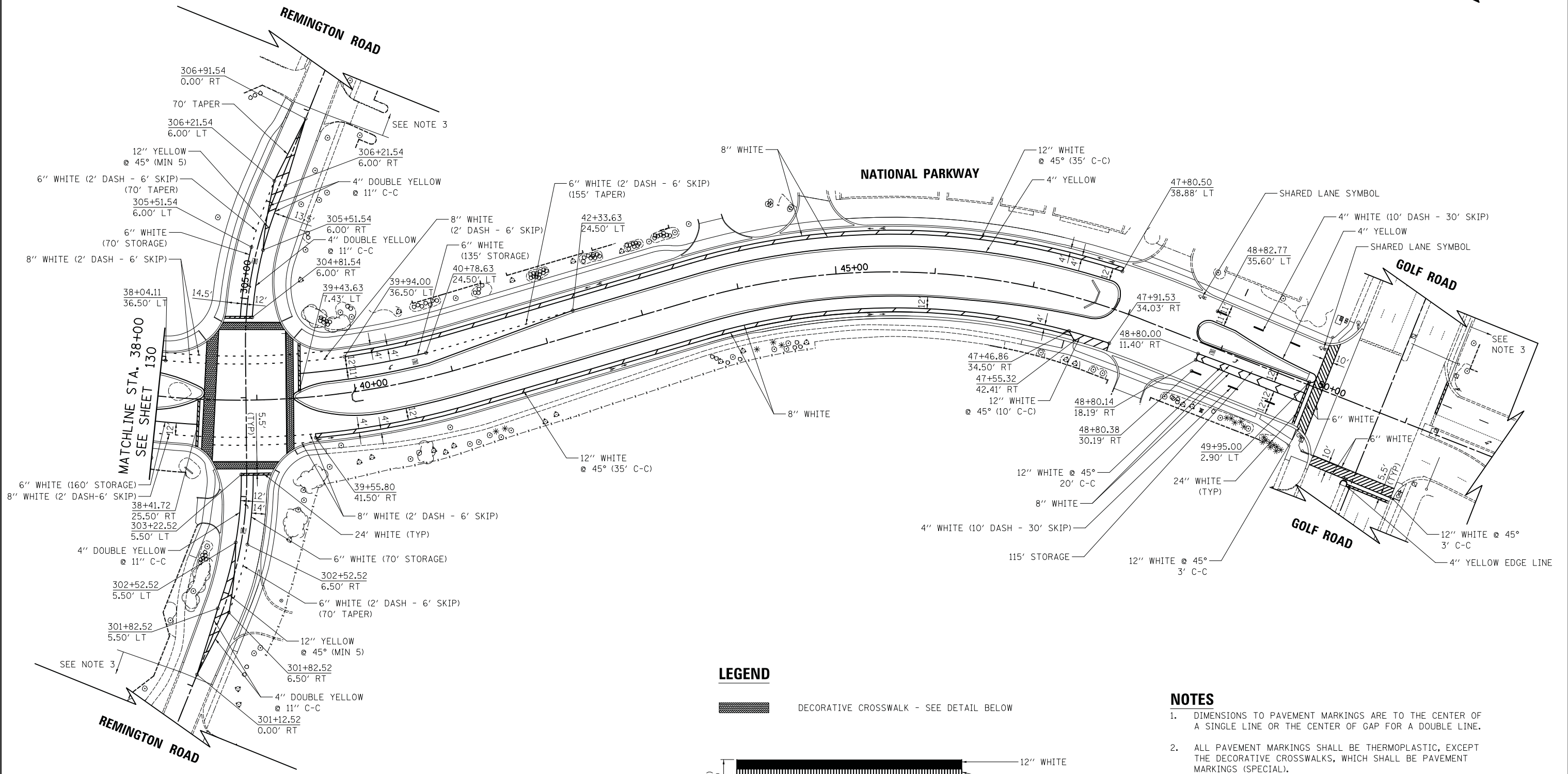


FILE NAME = ...3075_ADA11	USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS ADA GRADING		F.A.U. RTE. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 129
	PLOT SCALE = 5.0000' / in.	DRAWN - JAT	REVISED -		SCALE: 1" = 5'	SHEET 12 OF 12 SHEETS	CONTRACT NO. 61FOO		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -								
		DATE - 10/05/2018	REVISED -								



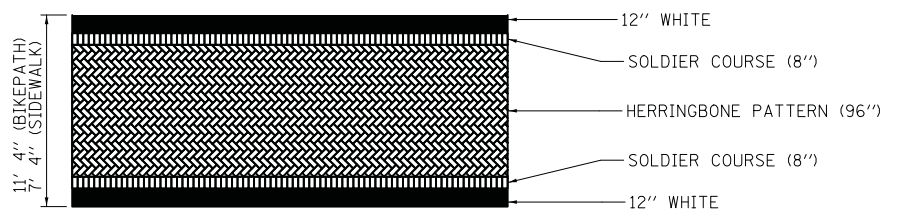
DATE	
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PLAN	SURVEYED
	PLOTTED
	CHECKED
	ALIGNED
	FILED
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	GRADES
	STRUCTURE
	NOTATIONS
NOTE BOOK NO.	
CADD FILE NAME	



LEGEND

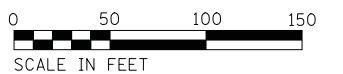
DECORATIVE CROSSWALK - SEE DETAIL BELOW



DECORATIVE CROSSWALK DETAIL - REMINGTON ROAD

NOTES

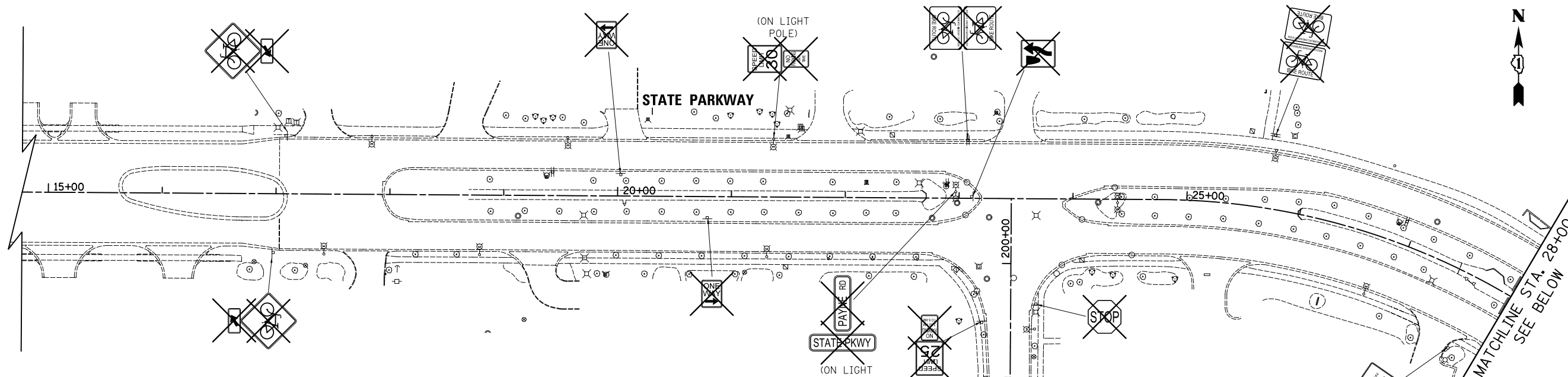
- DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, EXCEPT THE DECORATIVE CROSSWALKS, WHICH SHALL BE PAVEMENT MARKINGS (SPECIAL).
- THE CONTRACTOR SHALL SURVEY THE TYPE AND LOCATION OF ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE PROJECT LIMITS THAT WILL BE REMOVED DURING CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF "CONSTRUCTION LAYOUT". THESE MARKINGS SHALL BE REPLACED IN KIND AND PAID FOR AS "THERMOPLASTIC PAVEMENT MARKING" OF THE TYPE REQUIRED.



FILE NAME = ...3075_PMK_02	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS STRIPING PLAN			F.A.U. RTE. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 131
	PLOT SCALE = 50.0000' / in.	CHECKED - DJK	REVISED -		SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS	STA. 38+00.00 TO STA. 50+26.06	CONTRACT NO. 61FOO				
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	

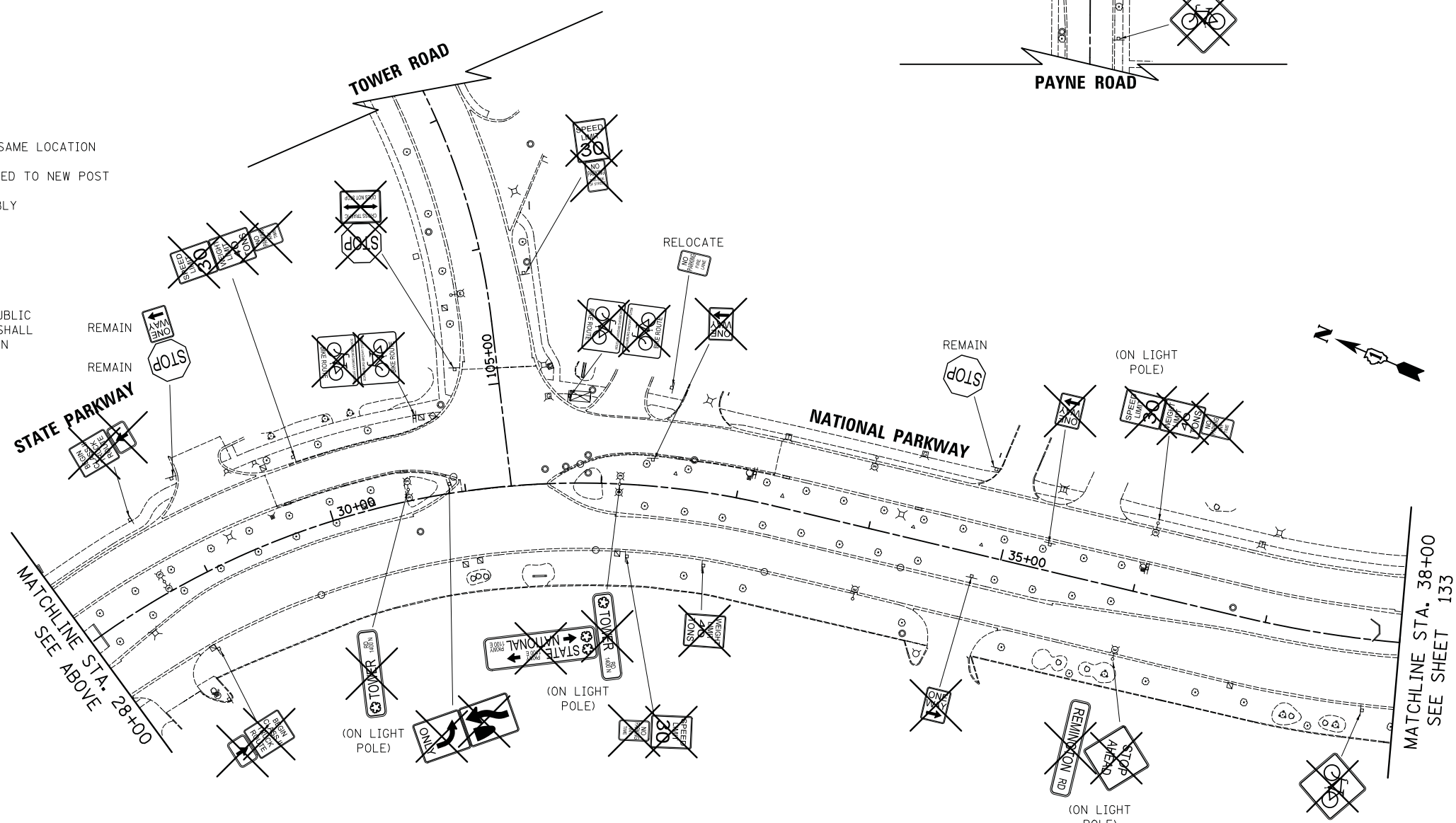


LEGEND

- ⊗ EXISTING LIGHT POLE
- ⊕ EXISTING SIGN
- EXISTING MAST ARM
- REMAIN SIGN PANEL TO REMAIN IN SAME LOCATION
- RELOCATE SIGN PANEL TO BE RELOCATED TO NEW POST
- ⊗ REMOVE SIGN PANEL ASSEMBLY

NOTES

- ALL SIGNS PANELS SHOWN TO BE REMOVED SHALL BE SALVAGED AND DELIVERED TO PUBLIC WORKS AT 714 S. PLUM GROVE ROAD AND SHALL BE INCLUDED IN THE COST OF REMOVE SIGN PANEL OR SIGN PANEL ASSEMBLY OF THE CORRESPONDING TYPE.



FILE NAME = ...\\3075..SIGN..EX..01

USER NAME = jat
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 10/31/2018

DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10/05/2018

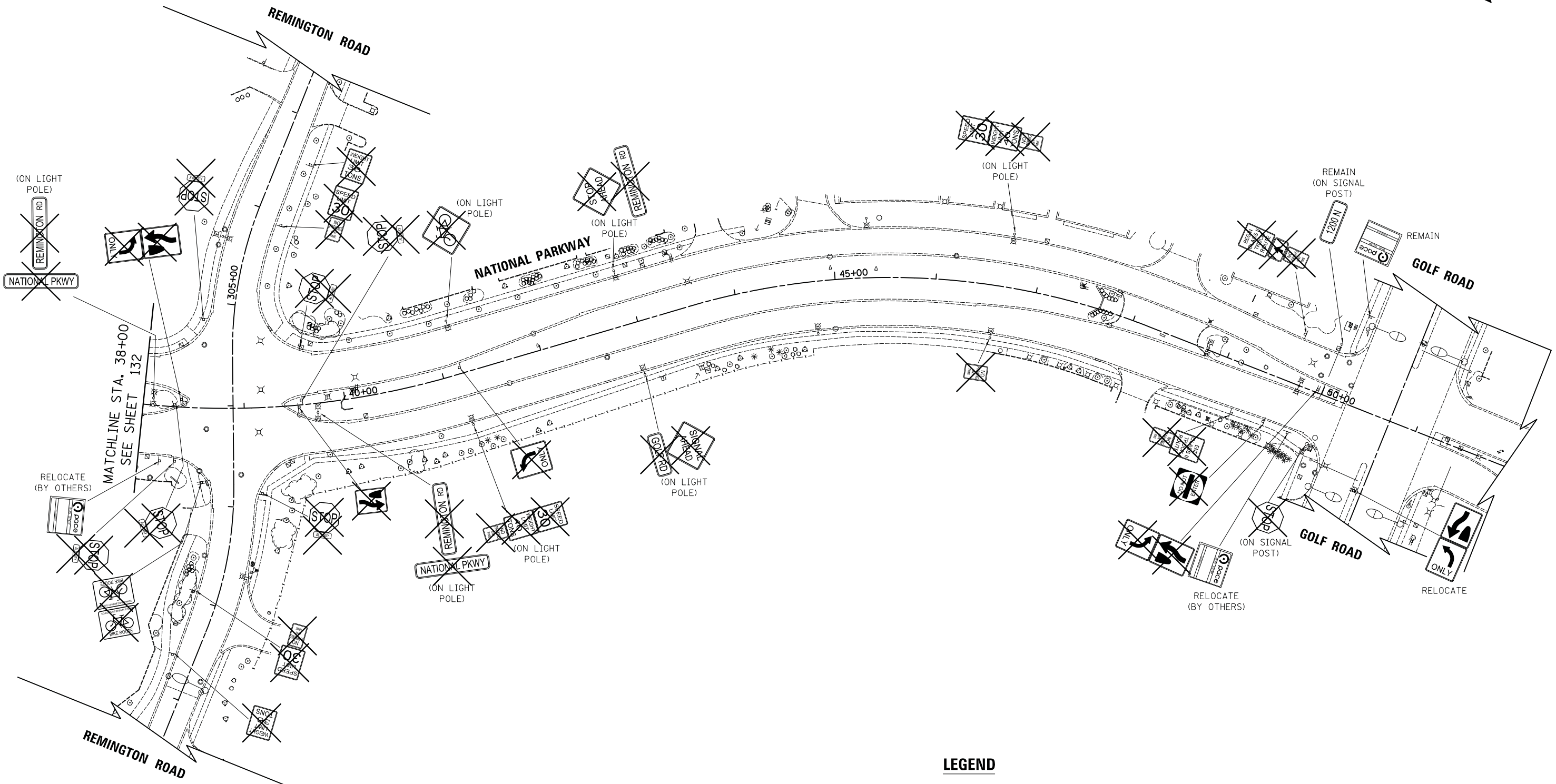
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 EXISTING SIGNING PLAN**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 17+12.00 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	132
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	CHECKED	DATE
NOTE BOOK	PLOTTED	ALIGNMENT	BY
NO.	NO.	NO.	

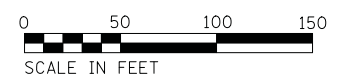
PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK	PLOTTED	GRADES	BY
NO.	NO.	NO.	

NOTES

- ALL SIGN PANELS SHOWN TO BE REMOVED SHALL BE SALVAGED AND DELIVERED TO PUBLIC WORKS AT 714 S. PLUM GROVE ROAD AND SHALL BE INCLUDED IN THE COST OF REMOVE SIGN PANEL OR SIGN PANEL ASSEMBLY OF THE CORRESPONDING TYPE.

LEGEND

- ⊠ EXISTING LIGHT POLE
- ⊠ EXISTING SIGN
- EXISTING MAST ARM
- REMAIN SIGN PANEL TO REMAIN IN SAME LOCATION
- RELOCATE SIGN PANEL TO BE RELOCATED TO NEW POST
- ⊠ REMOVE SIGN PANEL ASSEMBLY



FILE NAME = ...\\3075..SIGN.EX_02	USER NAME = jet	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS EXISTING SIGNING PLAN	F.A.U. RTE. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 133	
PLOT SCALE = 50.0000' / in.	CHECKED - DJK	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS	STA. 38+00.00 TO STA. 50+26.06	CONTRACT NO. 61FOO		
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO. _____	

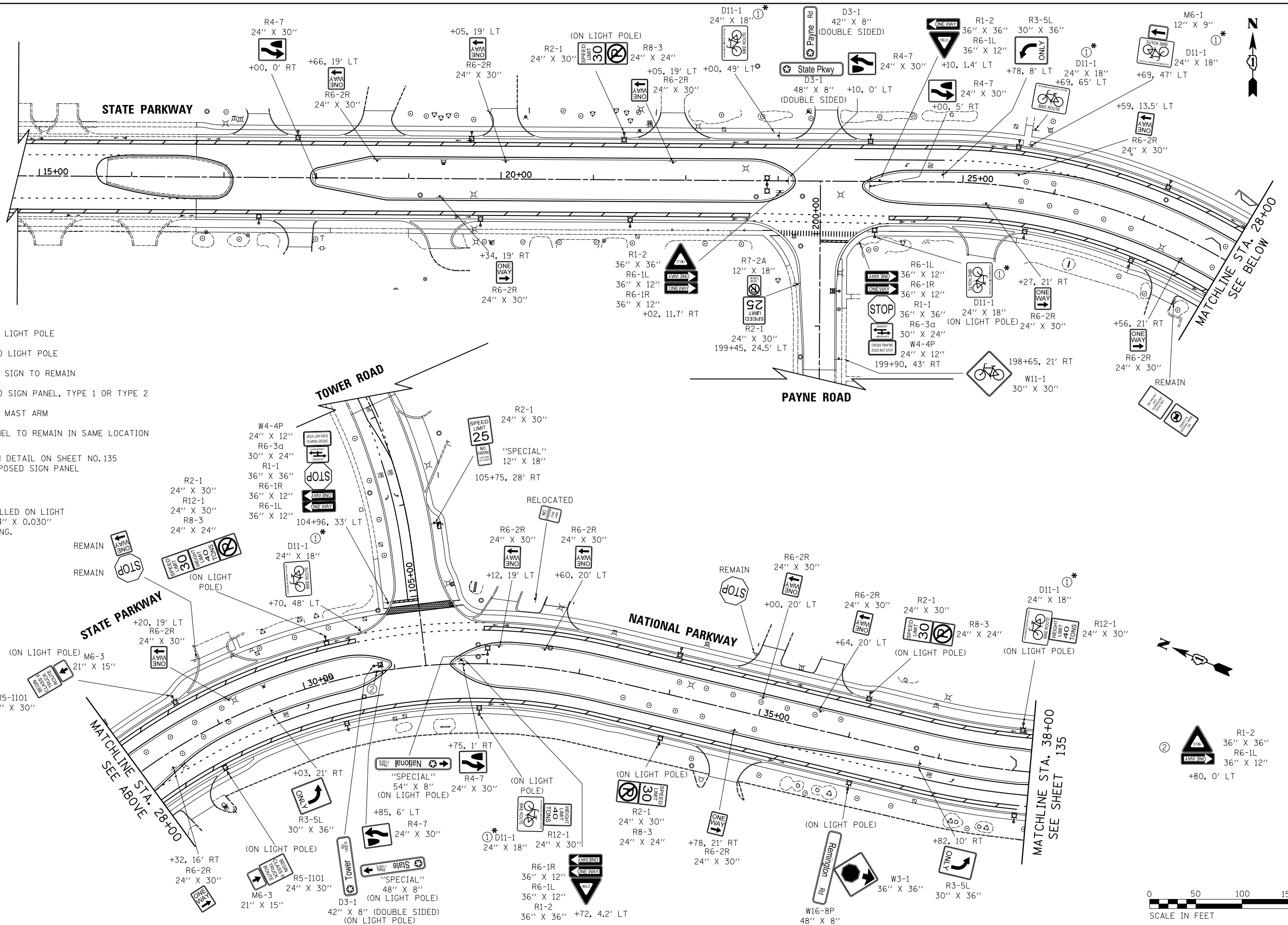
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATRS	
	CHFD	
	NO. _____	

LEGEND

- EXISTING LIGHT POLE
 - PROPOSED LIGHT POLE
 - EXISTING SIGN TO REMAIN
 - PROPOSED SIGN PANEL, TYPE 1 OR TYPE 2
 - EXISTING MAST ARM
 - SIGN PANEL TO REMAIN IN SAME LOCATION
- * SEE SIGN DETAIL ON SHEET NO. 135 FOR PROPOSED SIGN PANEL

NOTE:

- ALL SIGN PANELS INSTALLED ON LIGHT POLES SHALL USE A 3/4" X 0.030" THICKNESS STEEL BANDING.



FILE NAME = ...\\3075_SIGN.PR_01

USER NAME = jat
 DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10/05/2018

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

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 PROPOSED SIGNING PLAN**

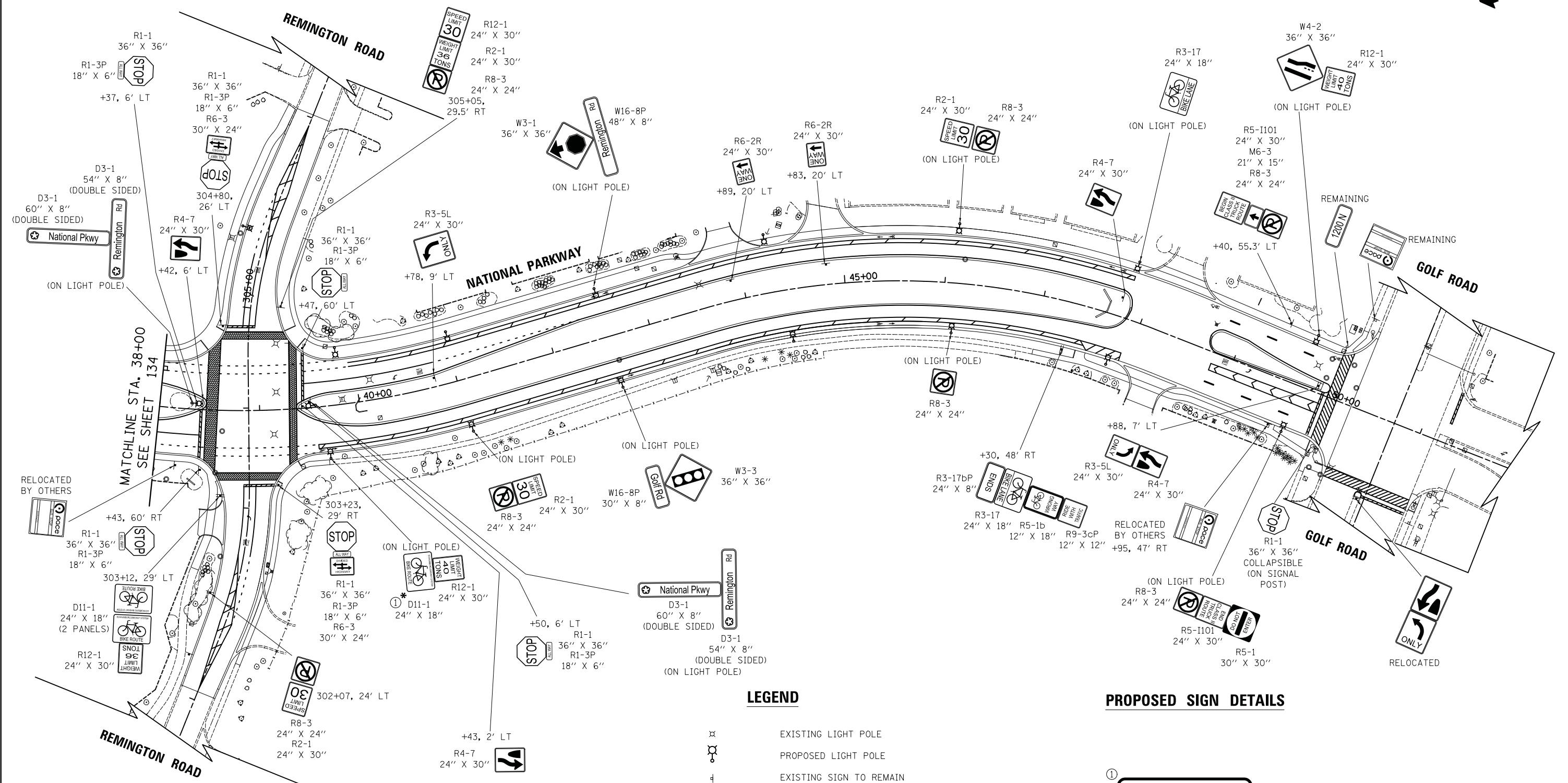
SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 17+12.00 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-0019-00-PV	COOK	277	134
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				



DATE	BY
PLAN	SURVEYED
NOTE BOOK NO.	PLOTTED
	CHECKED
	ALIGNED
	FILED
	FILE NAME

DATE	BY
PROFILE	SURVEYED
NOTE BOOK NO.	GRADES CHECKED
	STRUCTURE
	NOTATIONS CHFD



LEGEND

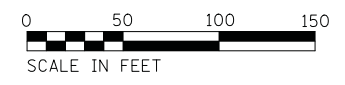
- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- EXISTING SIGN TO REMAIN
- PROPOSED SIGN PANEL, TYPE 1 OR TYPE 2
- EXISTING MAST ARM
- SIGN PANEL TO REMAIN IN SAME LOCATION
- *SEE SIGN DETAIL FOR PROPOSED SIGN PANEL

NOTE:
 1. ALL SIGN PANELS INSTALLED ON LIGHT POLES SHALL USE A 3/4" X 0.030" THICKNESS STEEL BANDING.

PROPOSED SIGN DETAILS



D11-1
24" X 18"



FILE NAME = ...\3075_SIGN.PR_02

USER NAME = jet	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 11/2/2018	CHECKED - DJK	REVISED -
	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE AND NATIONAL PARKWAY IMPROVEMENTS	
PROPOSED SIGNING PLAN	
SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS
STA. 38+00.00 TO STA. 50+26.06	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	135
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ATTEMPT	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.	NOTATIONS	CHPO

KEY	LATIN NAME	COMMON NAME	QTY	SIZE	APPROXIMATE SPACING
Perennials and Grasses, Gallon Pot					
AA	Allium angulosum 'Millenium'	Millenium Allium	68	1 GAL	18" OC
AB	Asclepias tuberosa	Butterfly Weed	27	1 GAL	24" OC
AL	Aruncus 'Misty Lace'	Misty Lace Goat's Beard	60	1 GAL	24" OC
AM	Achillea millefolium 'Moonshine'	Moonshine Yarrow	82	1 GAL	18" OC
AS	Achillea millefolium 'Strawberry Seduction'	Strawberry Seduction Yarrow	84	1 GAL	18" OC
AT	Amsonia tabernaemontana 'Blue Ice'	Amsonia 'Blue Ice'	114	1 GAL	16" OC
AW	Symphotrichum oblongifolium 'October Skies'	Aromatic Aster	49	1 GAL	24" OC
BP	Baptisia x Hybrid 'Purple Smoke'	Purple Smoke Baptisia	134	1 GAL	24" OC
CV	Coreopsis verticillata 'Golden Showers'	Golden Showers Correopsis	46	1 GAL	16" OC
DG	Dianthus gratianopolitanus 'Firewitch'	Firewitch Cheddar Pinks	50	1 GAL	14" OC
EP	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	90	1 GAL	18" OC
FC	Festuca x 'Cool as Ice'	Cool as Ice Fescue	84	1 GAL	14" OC
GJ	Geranium x Johnson's Blue	Johnson's Blue Geranium	60	1 GAL	16" OC
HC	Hemerocallis x Hybrid 'Chicago Apache'	Chicago Apache Daylily	58	1 GAL	18" OC
HH	Hemerocallis x Hybrid 'Happy Returns'	Happy Returns Daylily	109	1 GAL	18" OC
LK	Liatris spicata 'Kobold'	Kobold Gayfeather	19	1 GAL	16" OC
LS	Liatris spicata alba	White Blazing Star	21	1 GAL	16" OC
PA	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	40	1 GAL	24" OC
SH	Sporobolus heterolepis	Prairie Dropseed	130	1 GAL	14" OC
SS	Sedum spectabile 'Neon'	Neon Sedum	76	1 GAL	18" OC
VL	Vernonia lettermannii 'Iron Butterfly'	Ironweed	27	1 GAL	18" OC
Total			1428		
Perennial Plants Ornamental Type, Gallon Pot			14.3		

Perennial and Grasses, 3-Gallon Pot					
BG	Bouteloua gracilis 'blonde ambition'	Blonde Ambition Blue Gama Grass	12	3 GAL	40" OC
CA	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	18	3 GAL	40" OC
CB	Carex bricknellii	Copper-shouldered Oval Sedge	25	3 GAL	27" OC
PV	Panicum virgatum 'Northwind'	Switchgrass	18	3 GAL	40" OC
Total			73		
Perennial Plants Ornamental Type, 3-Gallon Pot			0.8		

Shrubs					
HA	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	23	2' HEIGHT	
RM	Rosa 'Meidrifora'	Coral Drift Groundcover Rose	20	3 GAL	
RA	Ribes alpinum 'Green Mound'	Green Mound Alpine Currant	18	18" WIDTH	
RP	Rosa rugosa 'Purple Pavement'	Purple Pavement Rose	16	24" HEIGHT	
YF	Yucca filimentosa 'Adam's Needle'	Adam's Needle Yucca	12	1.5' HEIGHT	
VP	Viburnum prunifolium	Blackhaw Viburnum	4	6' HEIGHT	

Trees					
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	14	2.5" BB	
CC	Crataegus crus-galli var. inermis	Thornless Cockspur Hawthorn	18	2.5" BB	
CO	Celtis occidentalis	Hackberry	16	2.5" BB	
GD	Gymnocladus dioica	Kentucky Coffeetree	11	2.5" BB	
GP	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	15	2.5" BB	
MS	Malus Sargentii	Dwarf Sargent Crabapple	28	2" BB	
SP	Syringa pekinensis 'China Snow'	Peking Lilac 'China Snow'	18	2.5" BB	
SR	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	2	2.5" BB	
UJ	Ulmus Americana 'Princeton'	Princeton American Elm	12	2.5" BB	

FILE NAME =	USER NAME = jet	DESIGNED - JAT	REVISED -
...\\14-Landscaping\3075.LS-80M.dgn		DRAWN - JAT	REVISED -
		CHECKED - DJK	REVISED -
		DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LANDSCAPE BILL OF MATERIALS AND DETAILS**

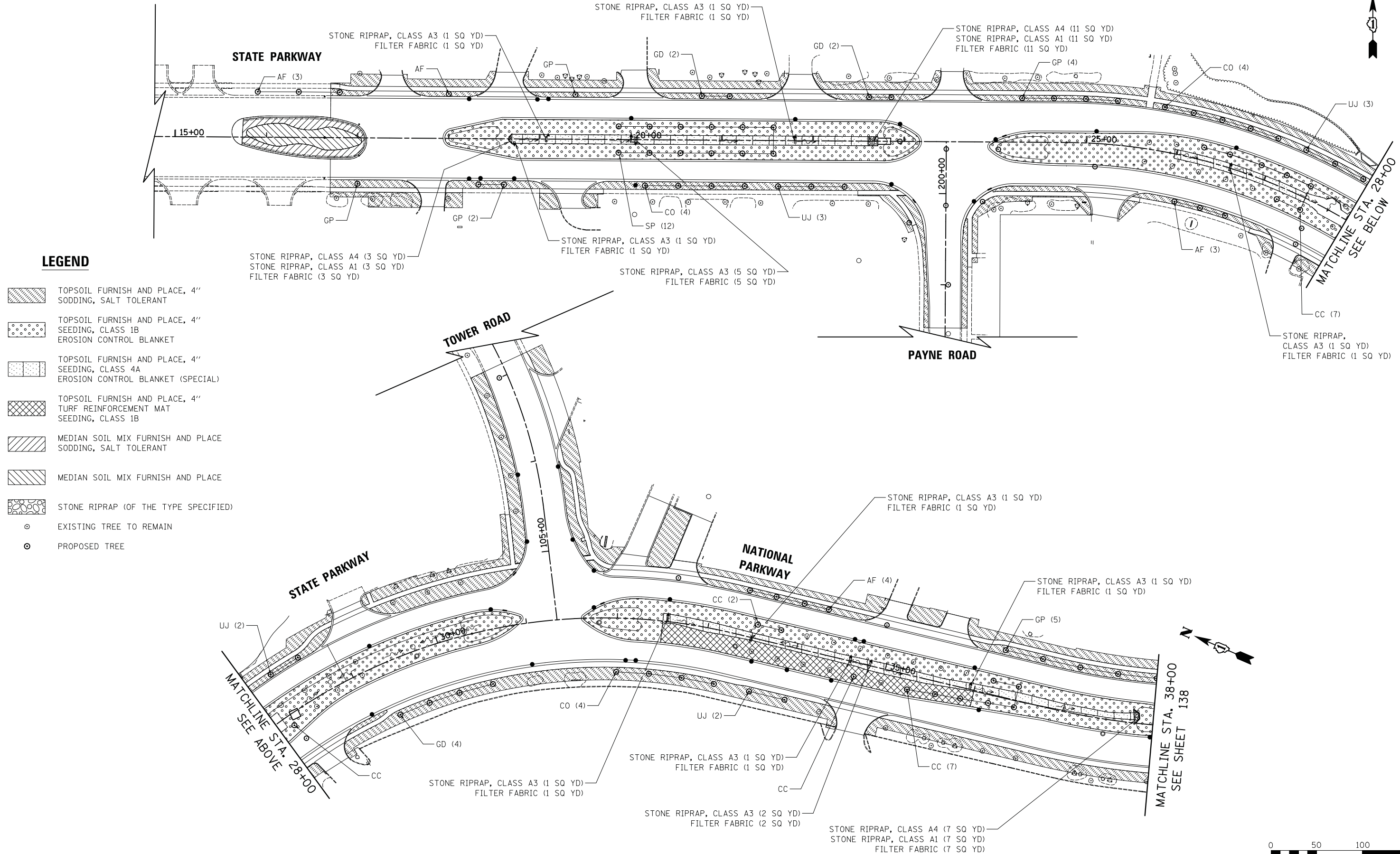
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	136
CONTRACT NO. 61FOO				
SHEET 1 OF 1 SHEETS			ILLINOIS FED. AID PROJECT	

NOTE: OMIT SEED AND EROSION CONTROL BLANKET WITHIN PLANTING BEDS.



PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	



LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1B EROSION CONTROL BLANKET
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4A EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL FURNISH AND PLACE, 4" TURF REINFORCEMENT MAT SEEDING, CLASS 1B
- MEDIAN SOIL MIX FURNISH AND PLACE SODDING, SALT TOLERANT
- MEDIAN SOIL MIX FURNISH AND PLACE
- STONE RIPRAP (OF THE TYPE SPECIFIED)
- EXISTING TREE TO REMAIN
- PROPOSED TREE



FILE NAME = ...\\14-Landscaping\3075_LS_ERO.01

USER NAME = jat	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -
	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LANDSCAPING PLAN**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 17+12.00 TO STA. 38+00.00

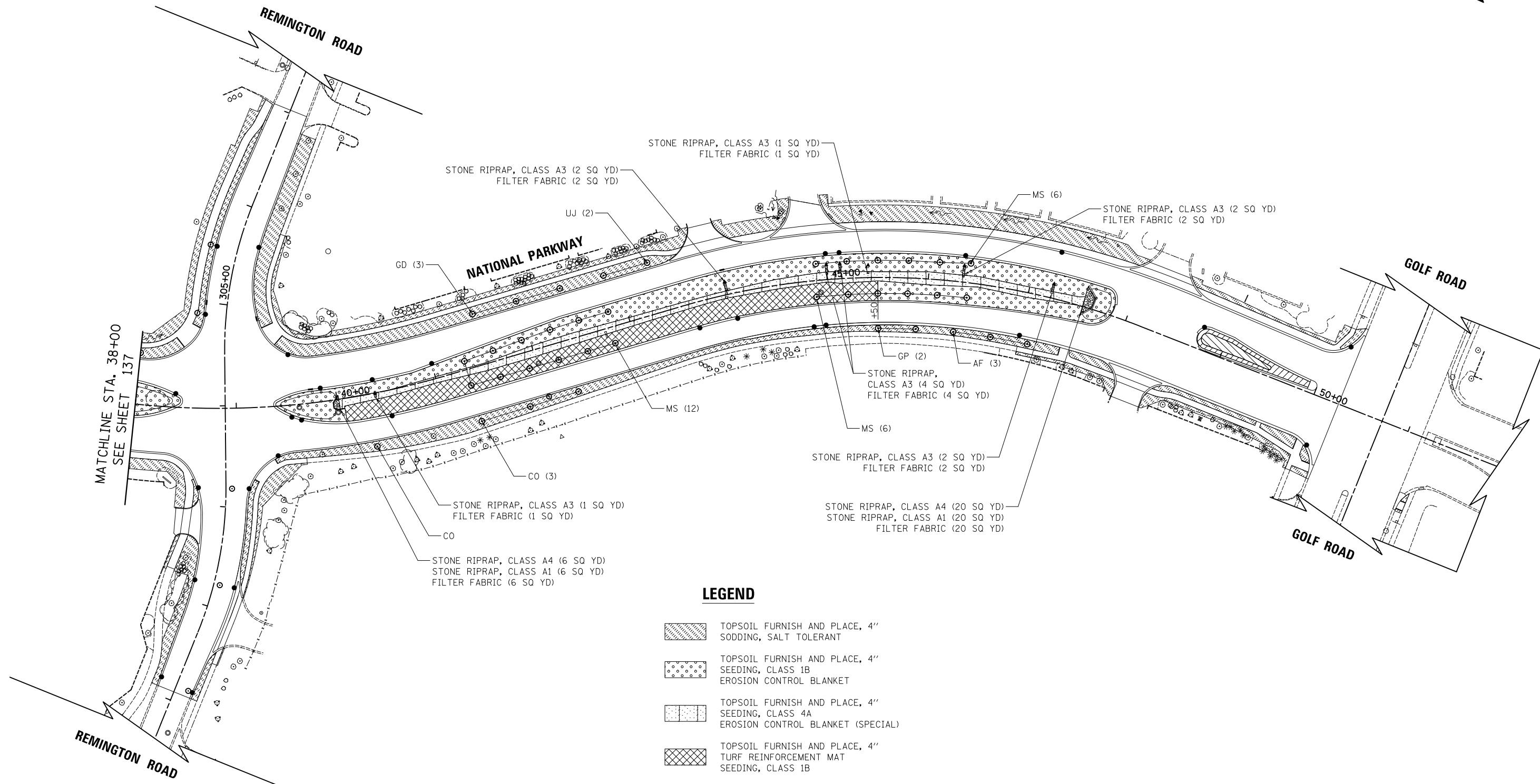
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	137
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

NOTE: OMIT SEED AND EROSION CONTROL BLANKET WITHIN PLANTING BEDS.



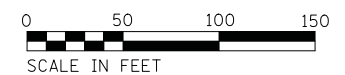
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	PLOTTED	
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	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATION	
	NO.	



LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1B EROSION CONTROL BLANKET
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4A EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL FURNISH AND PLACE, 4" TURF REINFORCEMENT MAT SEEDING, CLASS 1B
- MEDIAN SOIL MIX FURNISH AND PLACE SODDING, SALT TOLERANT
- MEDIAN SOIL MIX FURNISH AND PLACE
- STONE RIPRAP (OF THE TYPE SPECIFIED)
- EXISTING TREE TO REMAIN
- PROPOSED TREE



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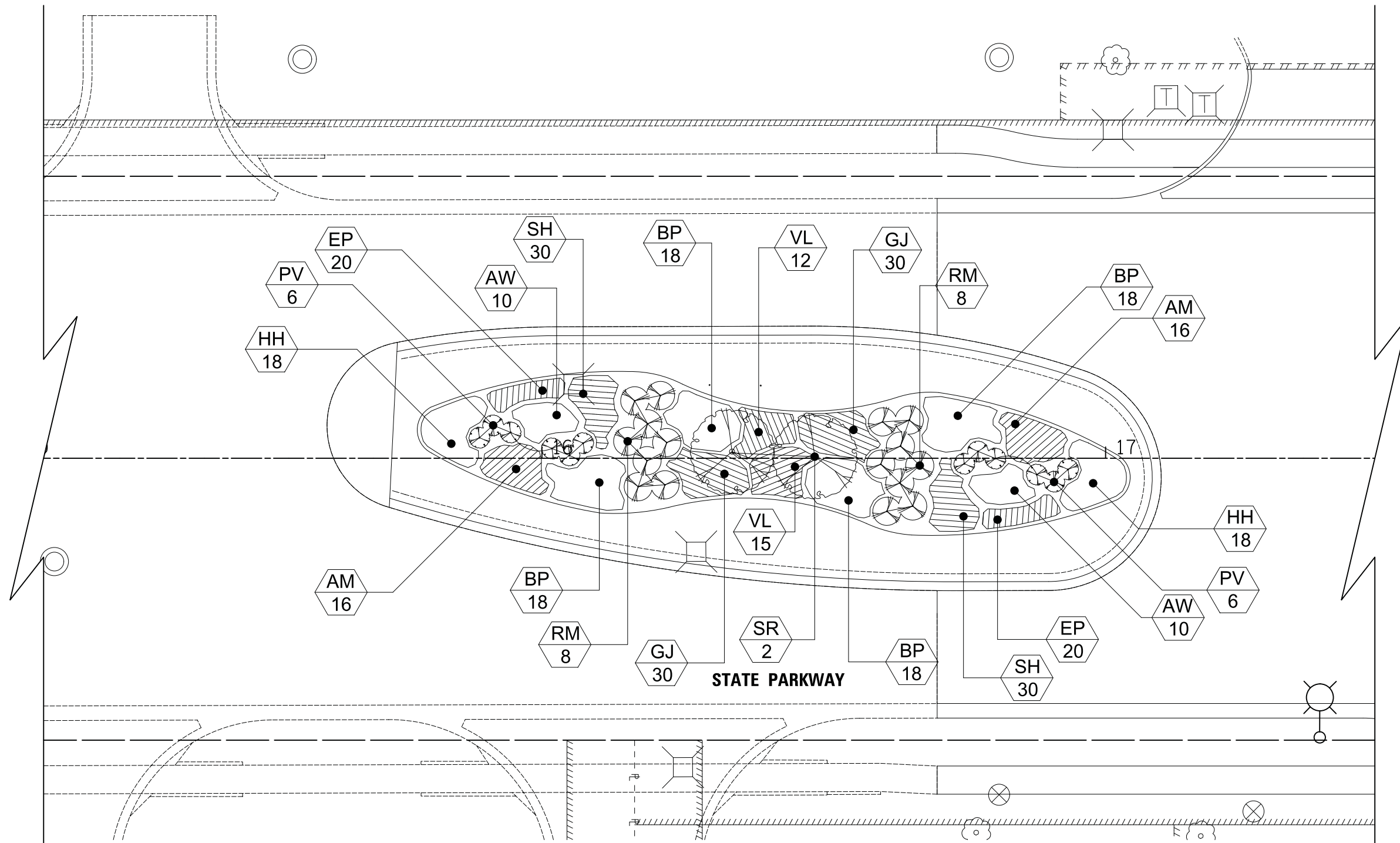
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LANDSCAPING PLAN**
SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 38+00.00 TO STA. 50+26.06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	138
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
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FILE NAME = ...\\3075_Planting_01.dgn

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PLOT SCALE = 10.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN**

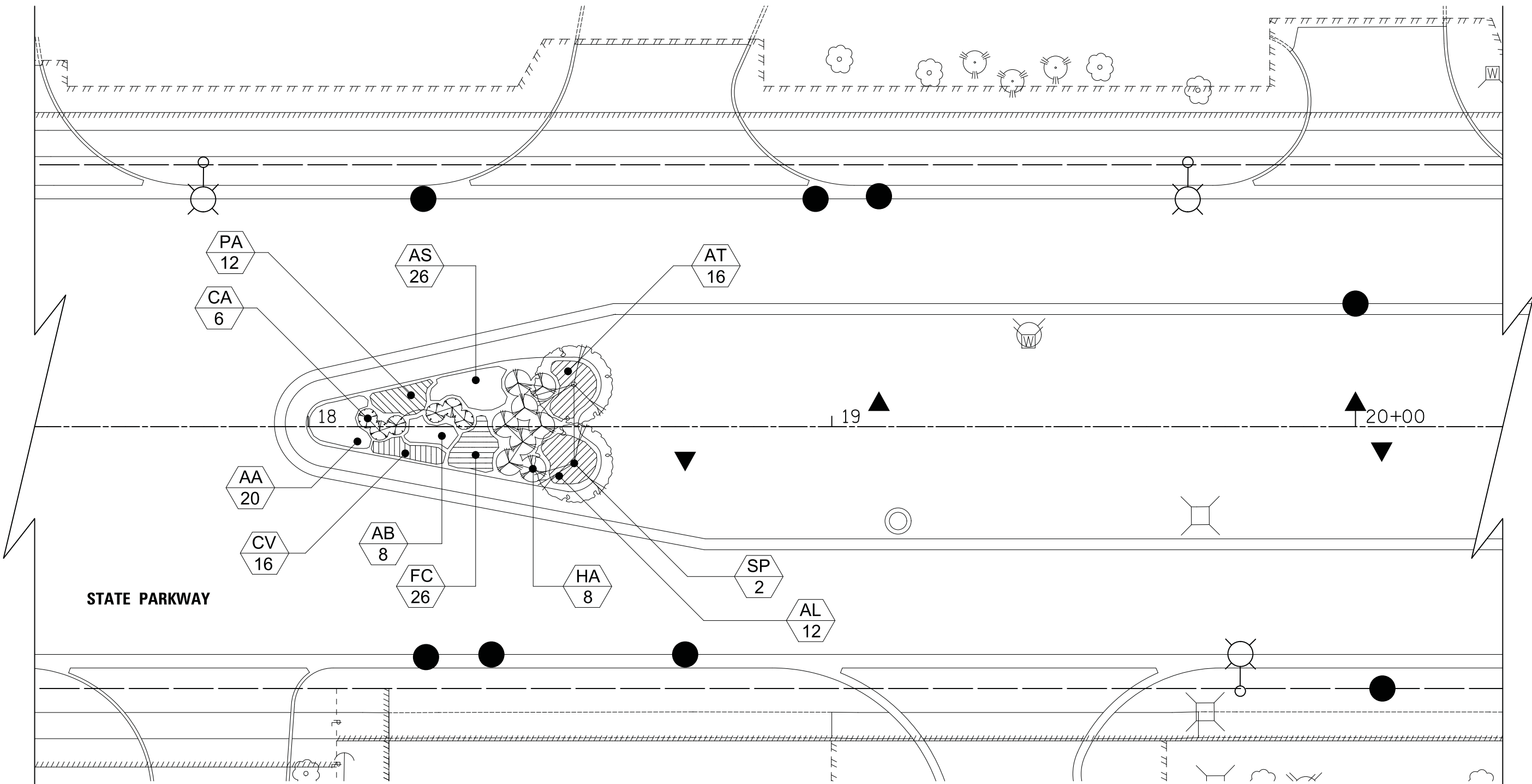
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	139
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
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NOTE BOOK		
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STATE PARKWAY



FILE NAME =
...\\3075_Planting_01A.dgn

USER NAME = jet
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
DATE - 10/05/2018

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

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN**

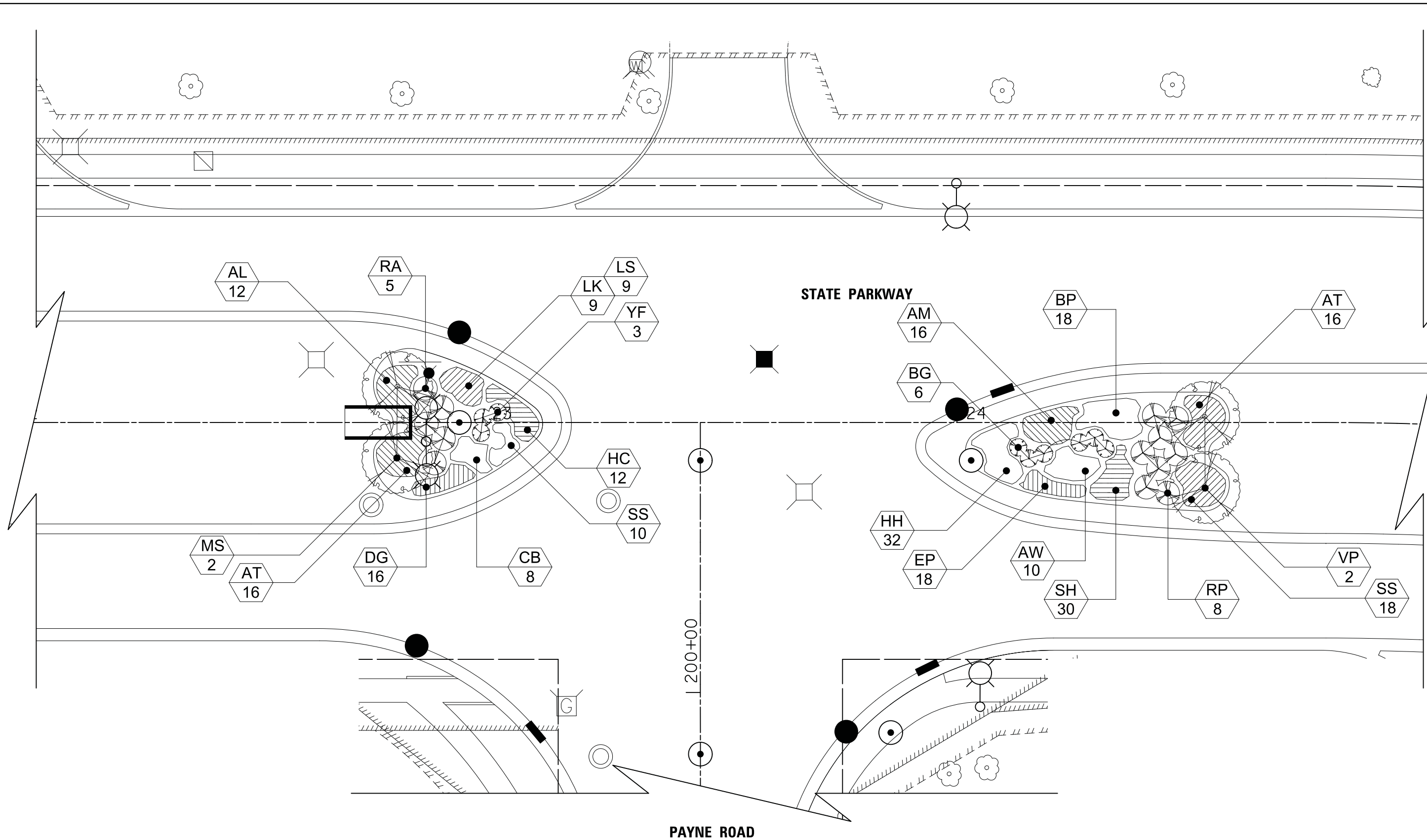
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	140
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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	NOTE BOOK	
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
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	NOTE BOOK	
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CHECKED - DJK
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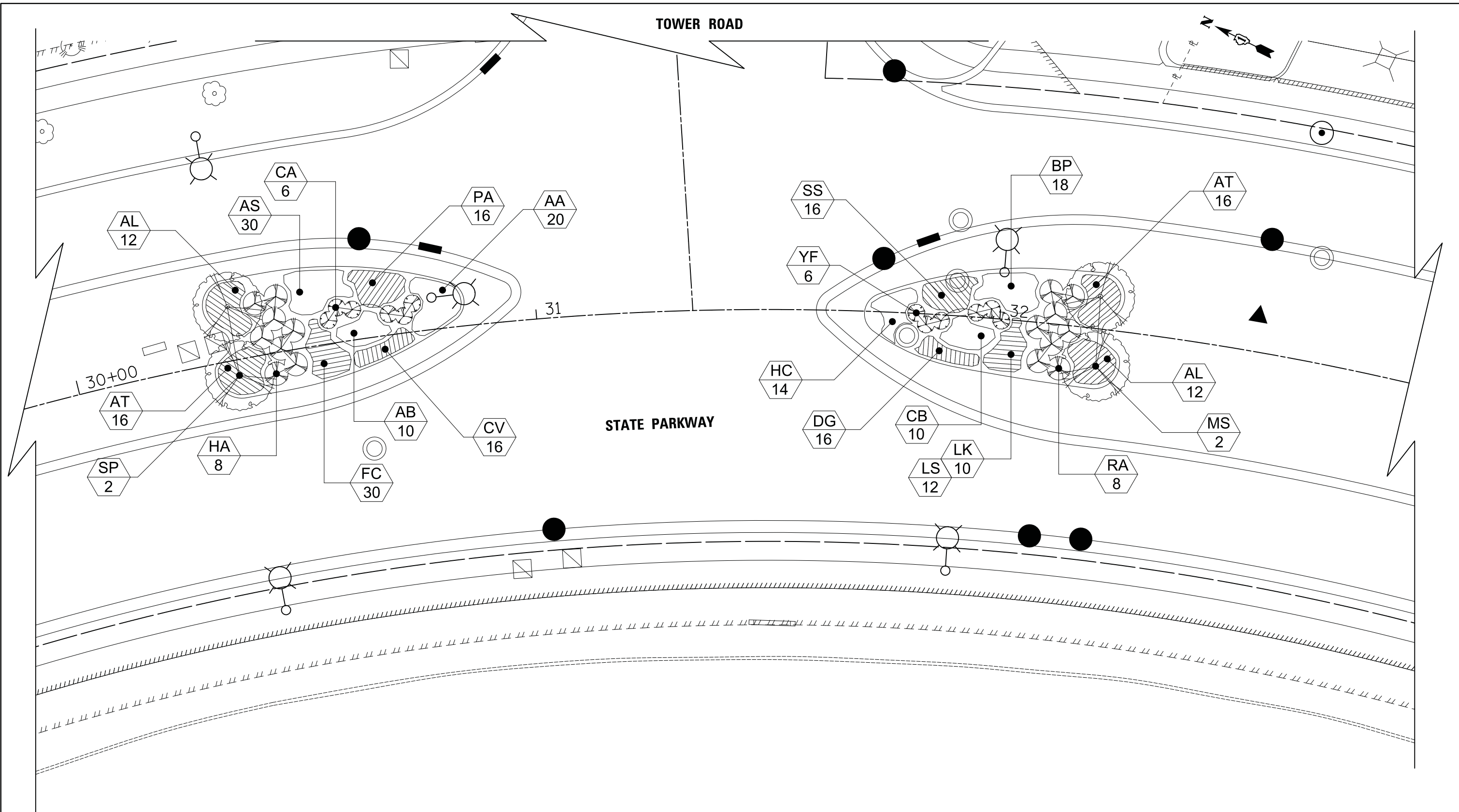
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN**
SCALE: 1" = 10' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	141
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK		
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PLOT SCALE = 10.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN**

SCALE: 1" = 10' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	142
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



REMINGTON ROAD

REMINGTON ROAD

STATE PARKWAY

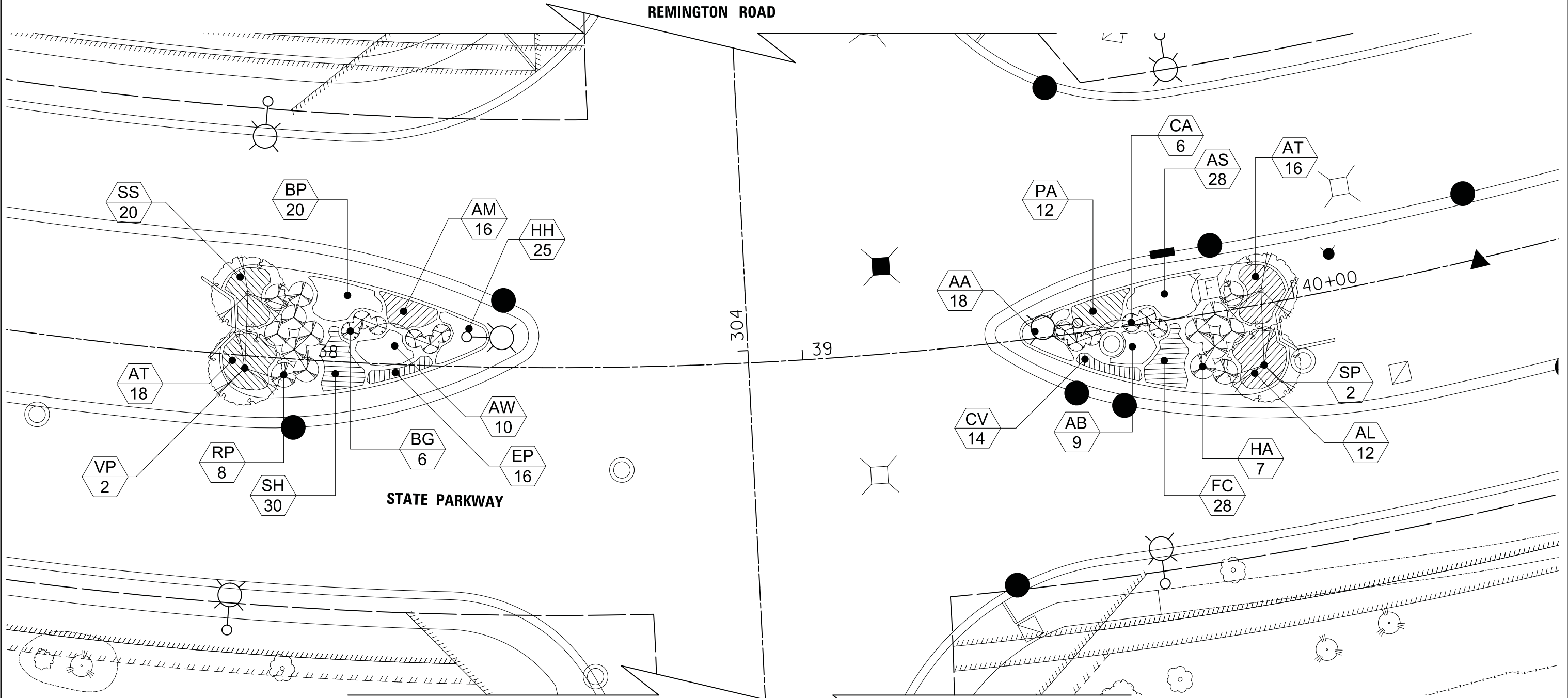
304

39

40+00

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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USER NAME = jet
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - JAT
DRAWN - JAT
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

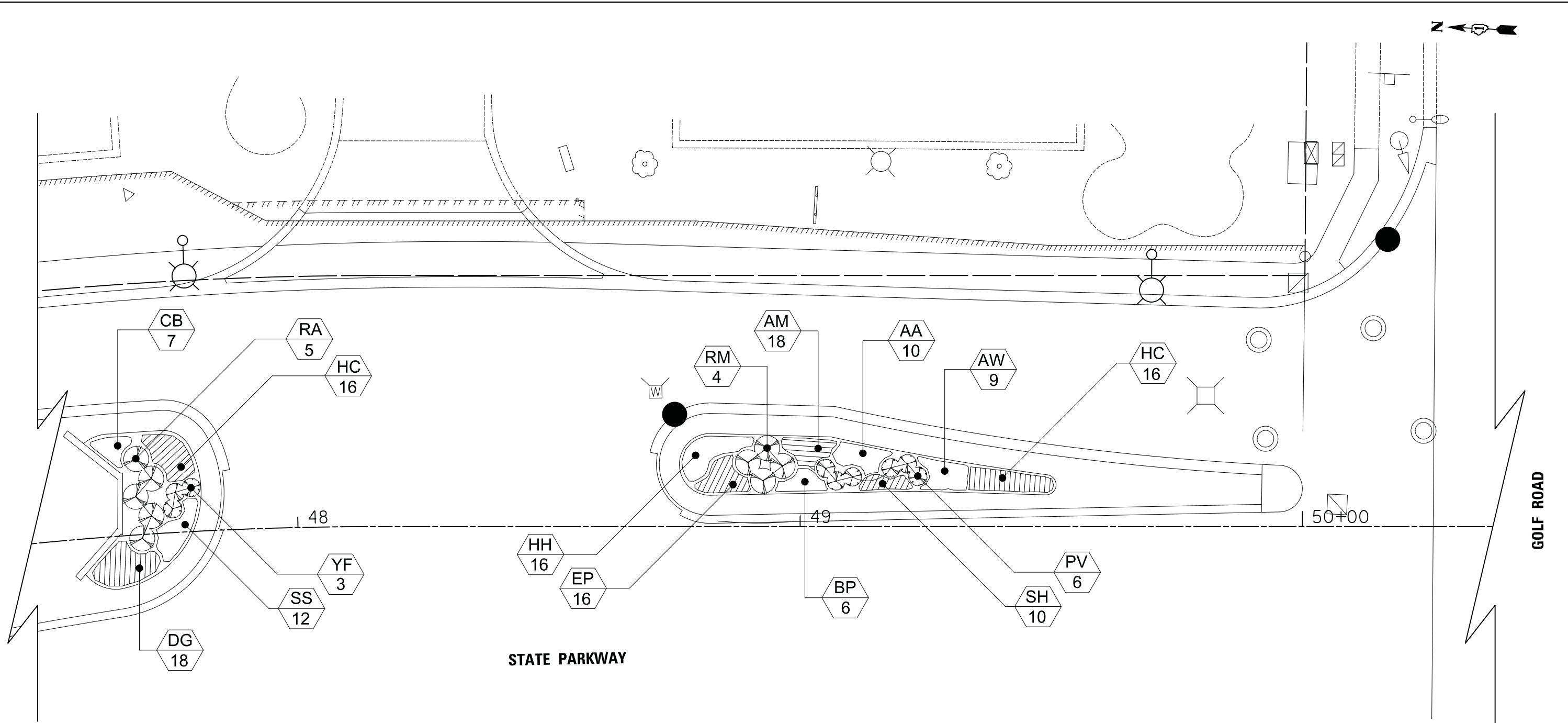
STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN

SCALE: 1" = 10' SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	143
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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USER NAME = jet
DESIGNED - JAT
DRAWN - JAT
PLOT SCALE = 10.0000' / in.
PLOT DATE = 10/31/2018

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DATE - 10/05/2018
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING PLAN**
SCALE: 1" = 10' SHEET 6 OF 6 SHEETS STA. TO STA.

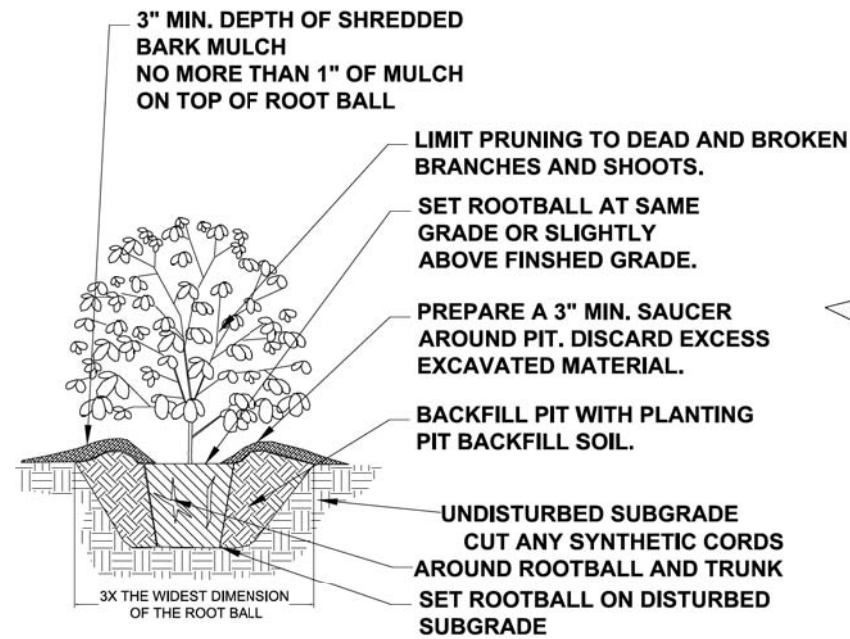
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	144
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

DATE	
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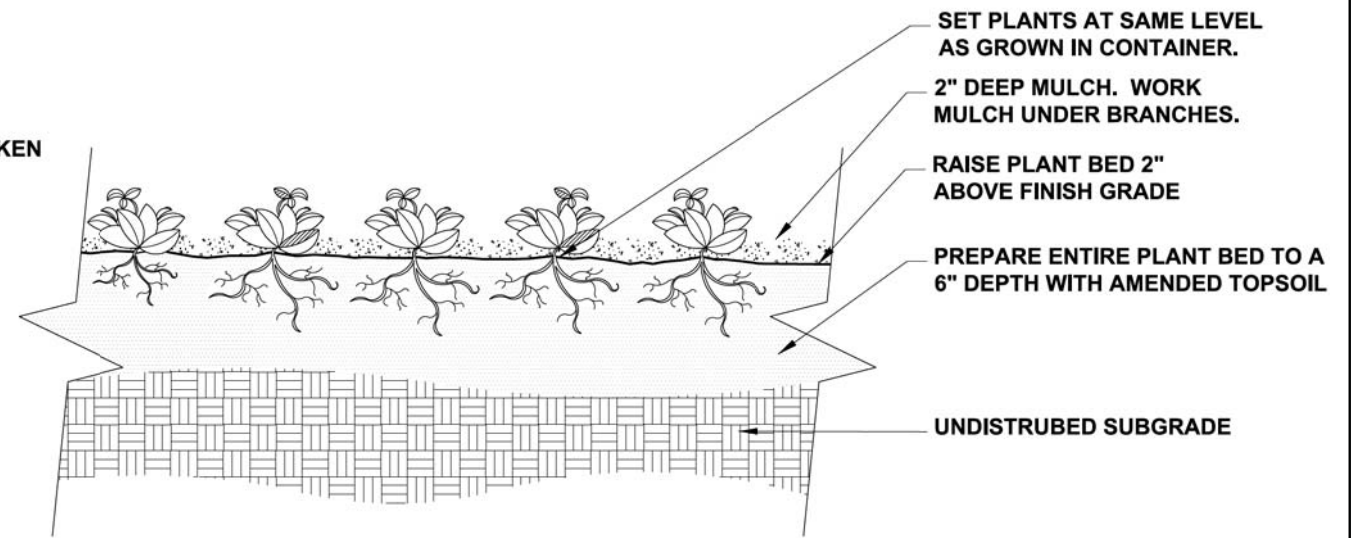
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PROFILE	
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FILE NAME	

GENERAL CONSTRUCTION NOTES:

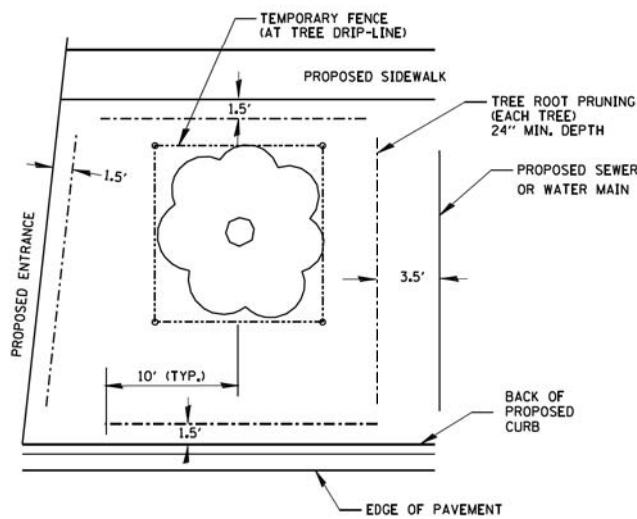
1. ALL ALTERATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT-ENGINEER.
2. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
5. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
6. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACKFILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED.
7. TREES SHALL BE STAKED AND GUYED AND WATERING SAUCER AT BASE.
8. ALL MASS PLANTED SHRUB BEDS TO BE BERMED 2" TO 3" ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
9. LAWN AND BED AREAS SHALL BE ROTOTILLED AND CLUMPS OF SOIL, AGGREGATES AND DEBRIS RAKED OUT AND REMOVED FROM THE SITE.
10. ALL DISTURBED AREAS SHALL HAVE A MIN. OF 6" OF TOPSOIL PLACED AND THEN SEED, FERT. AND BLANKET INSTALLED.
11. ALL BEDS SHALL BE EDGED, HAVE WEED PRE-EMERGENTS APPLIED AT THE RECOMMENDED RATE, AND SHREDDED HARDWOOD MULCH SPREAD AT A MINIMUM OF 3" DEPTH.
12. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
13. ALL EXISTING TREES OF HIGH QUALITY LOCATED OUTSIDE OF THE CONSTRUCTION ZONE SHALL BE SAVED.
14. CONTRACTOR TO DEEP SPADE EDGE AND MULCH ALL EXISTING LANDSCAPE BEDS WITHIN THE PROJECT LIMITS.



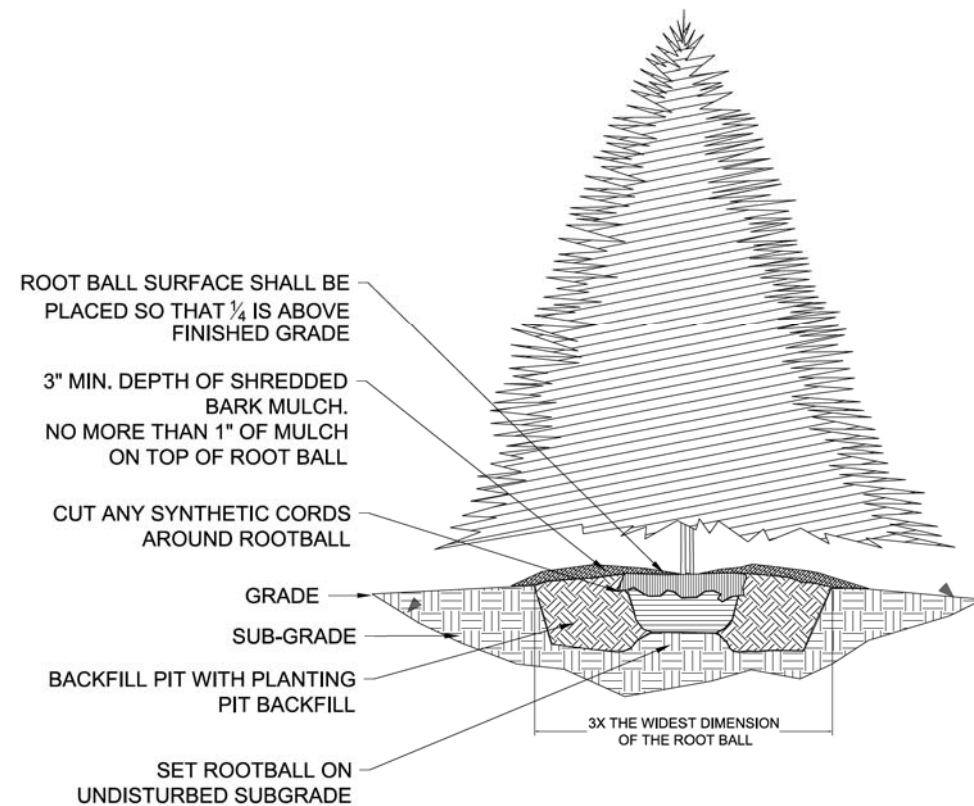
SHRUB PLANTING DETAIL
NO SCALE



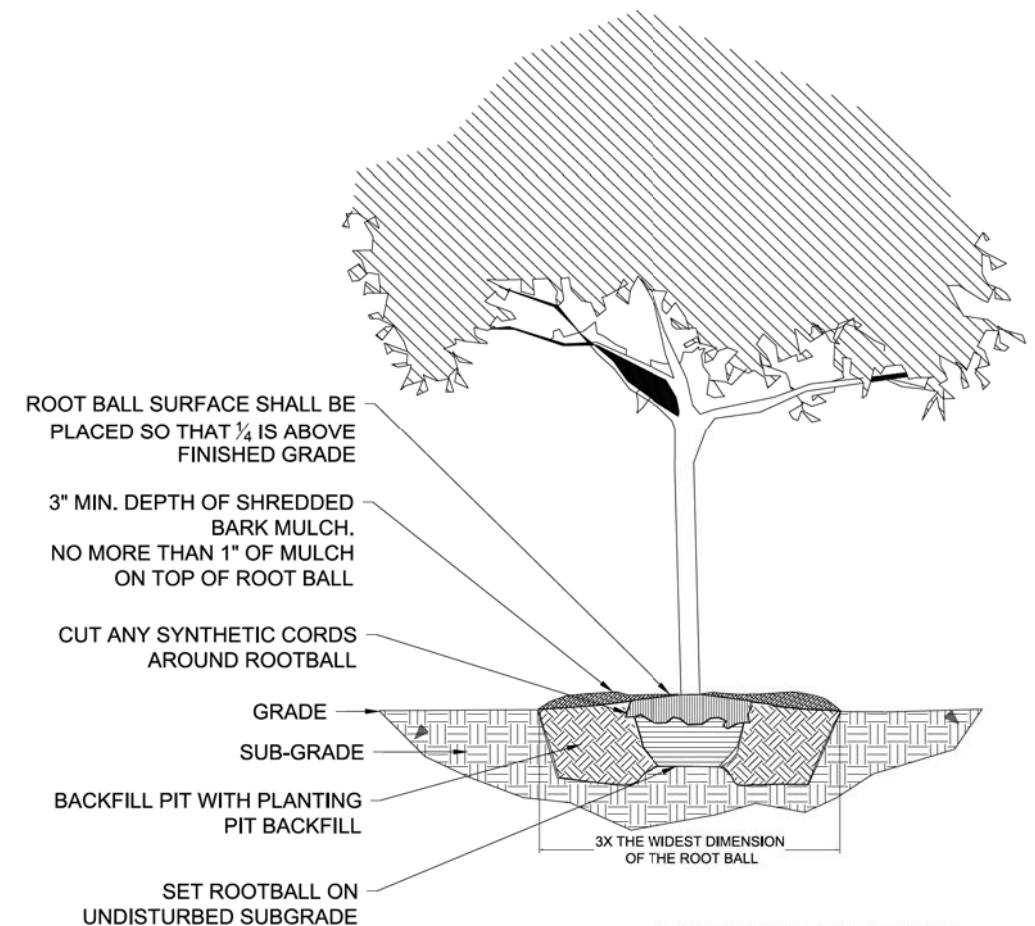
PERENNIAL, AND GROUNDCOVER DETAIL
NO SCALE



TREE & ROOT PROTECTION
N.T.S.



EVERGREEN TREE PLANTING DETAIL
NO SCALE



TREE PLANTING DETAIL
NO SCALE

FILE NAME =	USER NAME = jat	DESIGNED - JAT	REVISED -
...\\3075_Planting_06_Details		DRAWN - JAT	REVISED -
		CHECKED - DJK	REVISED -
		DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
PLANTING DETAILS

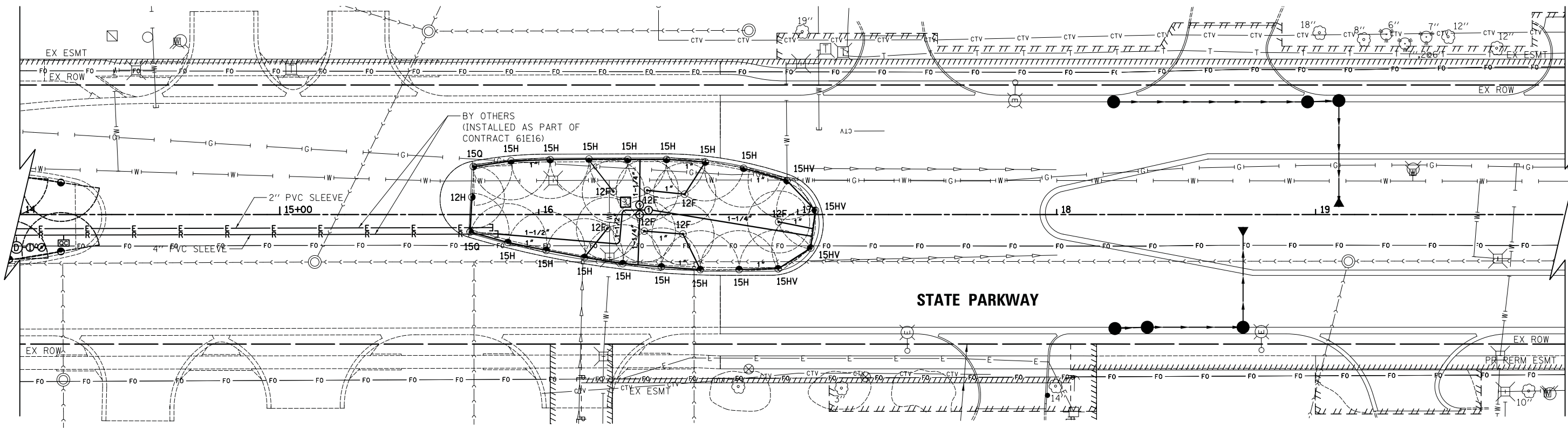
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	145
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				



DATE	
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PROFILE	
NOTE BOOK NO.	
CHECKED	
STRUCTURE	
DATE	
FILE NAME	



LEGEND

- W — COPPER WATER SERVICE LINE (SIZE AS SHOWN)
- R — 1 1/2" SDR 21 HDPE IRRIGATION MAINLINE PIPE, UNLESS OTHERWISE SHOWN
- L — 1" SDR 21 HDPE IRRIGATION LATERAL PIPE, UNLESS OTHERWISE SHOWN
- E — 1" SCH 40 PVC CONDUIT WITH IRRIGATION CONTROL WIRING (SEE NOTE 7, OR AS OTHERWISE SHOWN ON THE PLANS)
- 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH IRRIGATION LOGO
- ⊙ DRIP CONTROL ZONE KIT
- Ⓢ POP-UP INDICATOR
- ⊕ TRANSITION POINT TO DRIPLINE TUBING WITH 0.9-1.0 GPH EMITTERS SPACED AT 12" OC
- ⊠ MANUAL ISOLATION VALVE
- ⊡ AUTOMATIC CONTROL VALVE
- POP-UP SPRAY HEAD W/ 180° ARC
- ⊙ POP-UP SPRAY HEAD W/ 360° ARC
- ⊞ QUICK COUPLER
- ⊕ FLUSH VALVE AUTOMATIC
- ⊖ AIR/VACUUM RELIEF VALVE
- ⊗ DOMESTIC WATER SERVICE BOX
- ⊠ IRRIGATION CONTROLLER (NUMBER INDICATES NUMBER OF ZONES)
- Ⓢ ELECTRIC REMOTE CONTROL VALVES, 1-1/2"

NOTES

1. EXISTING WATERMAIN PRESSURES ARE APPROXIMATELY BETWEEN 48-56 PSI. CONTRACTOR SHALL REVISE IRRIGATION ZONES ACCORDINGLY BASED ON IRRIGATION MANUFACTURER MINIMUM VALVE AND DRIP KIT INLET PRESSURE REQUIREMENTS.
2. ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
3. ALL ELECTRICAL CONNECTIONS SHALL BE MADE USING WATERPROOF SPLICES.
4. PIPE ROUTING IS SCHEMATIC. FINAL IRRIGATION PIPE AND CONTROL CONDUIT PLACEMENT SHALL BE LOCATED TO MINIMIZE CONFLICTS WITH EXISTING AND PROPOSED UTILITIES (CONTRACTOR TO COORDINATE).
5. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MAINTAINING THE IRRIGATION SCHEDULE DURING THE PROJECT CONSTRUCTION AND UNTIL THE SYSTEM IS ACCEPTED BY THE VILLAGE. LANDSCAPE MATERIAL SHALL RECEIVE ADJUSTED AMOUNTS OF PRECIPITATION TO MAINTAIN PROPER PLANT HEALTH.
6. IRRIGATION CONTROL WIRING SHALL CONSIST OF #14 AWG TINNED COPPER MULTI CONDUCTOR CABLE WITH A COMMON GROUND. CABLE SHALL BE RATED FOR UNDERGROUND, DIRECT BURIAL APPLICATIONS, AND PROVIDED WITH A SUNLIGHT/UV RESISTANT PVC OUTER JACKET. CONTRACTOR SHALL SIZE CABLE TO PROVIDE EACH CONTROL VALVE WITH 2/C #14 AWG WIRES.
7. IRRIGATION CONTRACTOR SHALL INCLUDE LABOR AND EQUIPMENT FOR PROVIDING ONE WINTER AND ONE SPRING STARTUP IN PROJECT SCOPE.
8. IRRIGATION PIPE & SPRAY HEADS SHALL BE LOCATED A MINIMUM OF 6" BEHIND THE BACK OF CURB.
9. CONTRACTOR SHALL FURNISH AND INSTALL 1/C #12 SOLID XLP-TYPE USE TRACER WIRE. THE TRACER WIRE SHALL BE TAPED TO PROPOSED IRRIGATION PIPE APPROXIMATELY EVERY 8-10FT, AND TERMINATE AT TRACER ACCESS WELL, LOCATED ADJACENT TO IRRIGATION ENCLOSURE.
10. ALL POP-UP SPRAY HEADS ARE TO BE TWELVE INCHES (12") IN HEIGHT UNLESS OTHERWISE NOTED.
11. ALL WORK SHOWN SHALL BE PAID FOR AS "IRRIGATION SYSTEM".

FILE NAME = ...\\14-Landscaping\3075_Irrigation

USER NAME = jet	DESIGNED - JAT	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 10/31/2018	CHECKED - DJK	REVISED -
	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

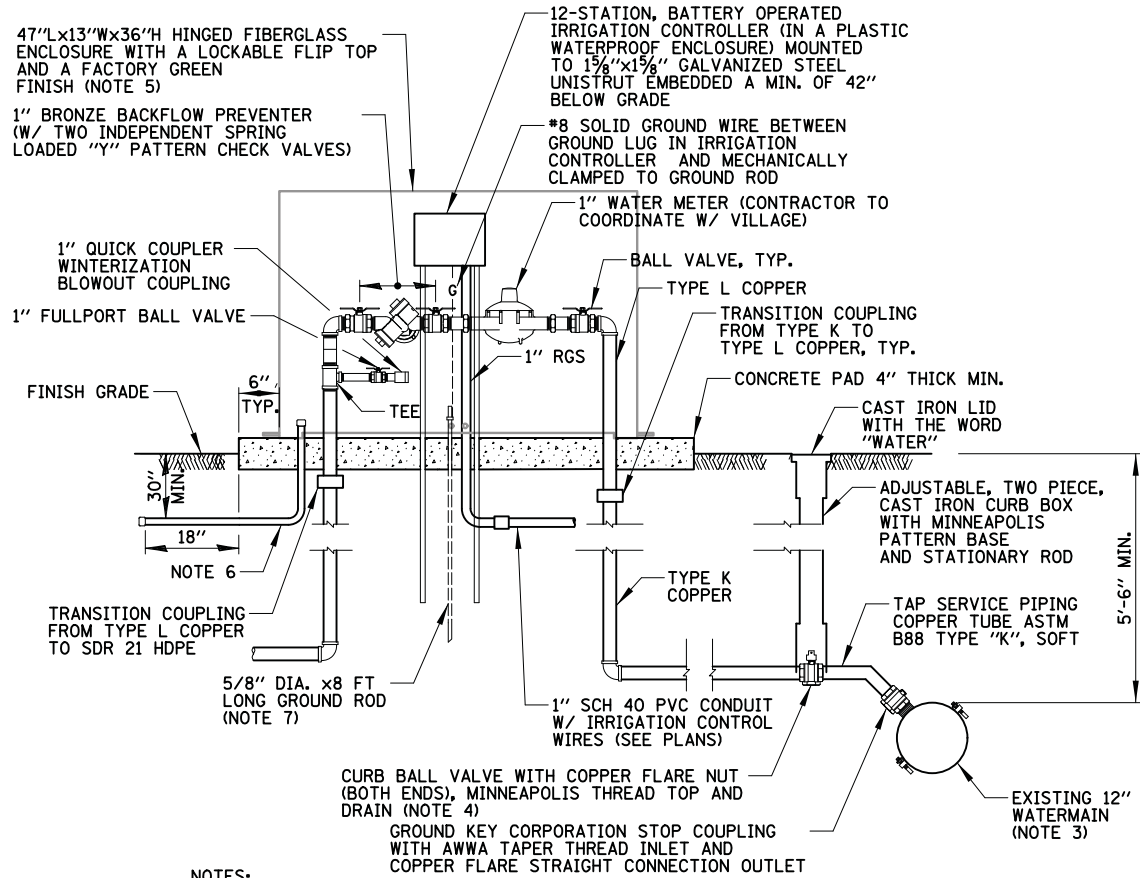
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
IRRIGATION PLAN**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 15+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	146
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
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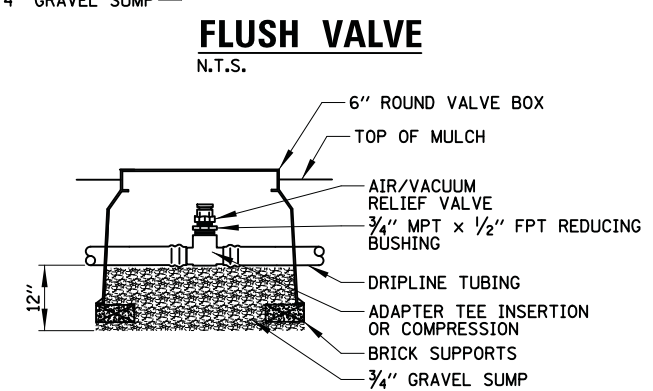
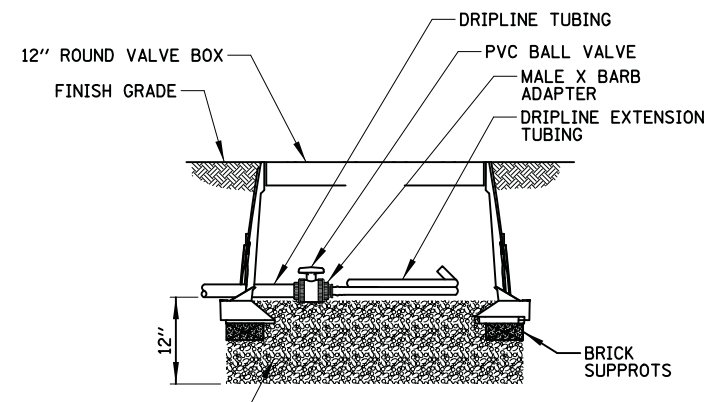
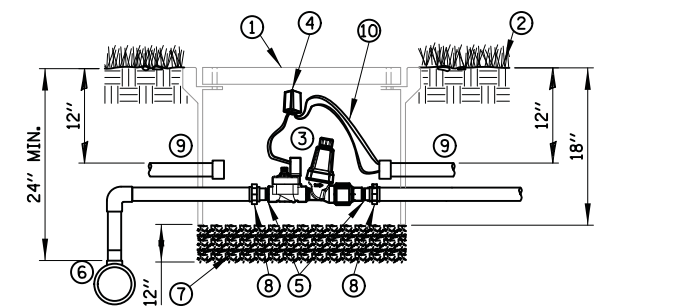
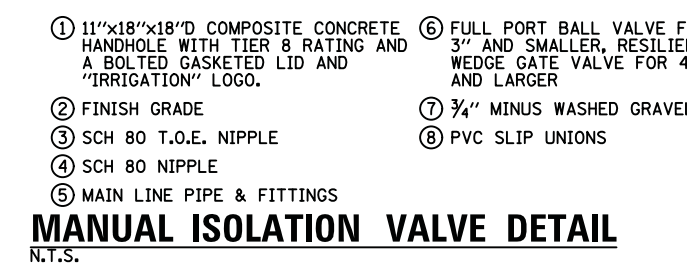
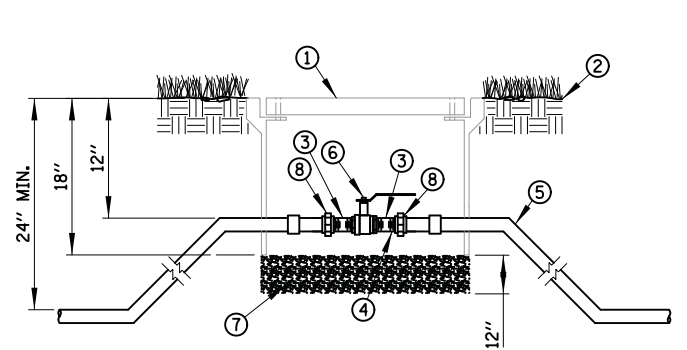
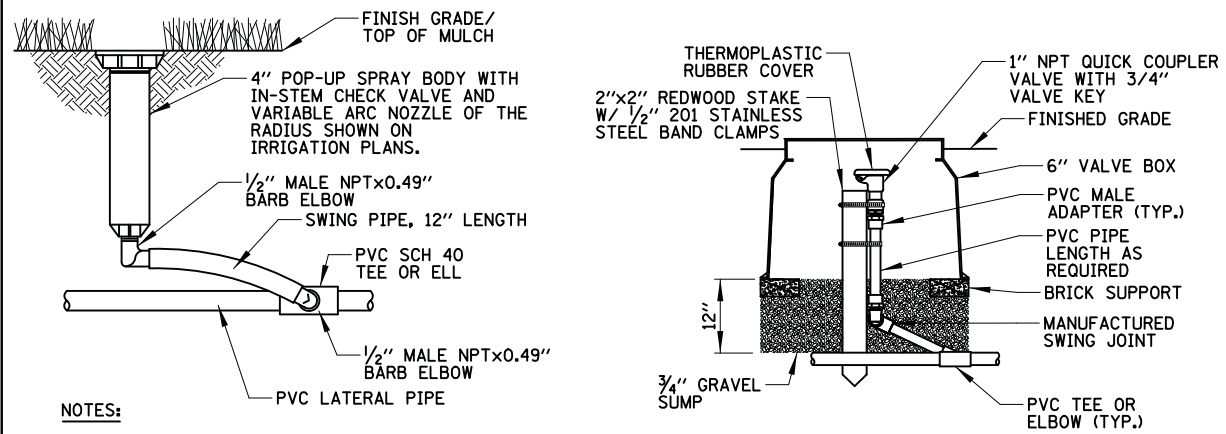


NOTES:

- EXACT LOCATION OF WATER SERVICES TO BE COORDINATED WITH ENGINEER.
- WATER SERVICE FITTINGS TO CONFORM TO MUNICIPAL ORDINANCE AND STANDARDS.
- FOR D.I. WATERMANS, PROVIDE A DIRECT SERVICE CONNECTION. FOR TAPPING PVC AND HDPE WATERMANS, PROVIDE A SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS.
- CURB STOP/CURB VALVE SHALL BE PROVIDED WITH DRAIN TO DRAIN WATER SERVICE LINE DURING WINTER MONTHS.
- ENCLOSURE DIMENSIONS SHOWN ARE APPROXIMATE. ENCLOSURE SHALL BE AS COMPACT AS POSSIBLE. CONTRACTOR TO COORDINATE.
- CONTRACTOR SHALL FURNISH AND INSTALL AN EMPTY 1" SCH 40 PVC CONDUIT AND 90° ELBOW WITH 36" RADIUS. CONDUIT SHALL EXTEND 3" ABOVE CONCRETE PAD SURFACE AND SHALL BE CAPPED AT BOTH ENDS.
- IRRIGATION CONTROLLERS SHALL BE GROUNDED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS, MEETING MAXIMUM GROUND RESISTANCE REQUIREMENTS.

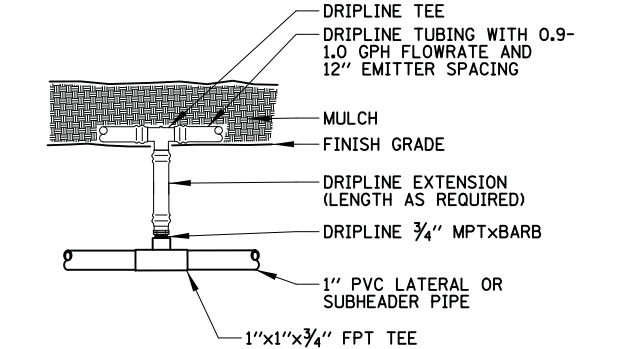
IRRIGATION SERVICE DETAIL

N.T.S.



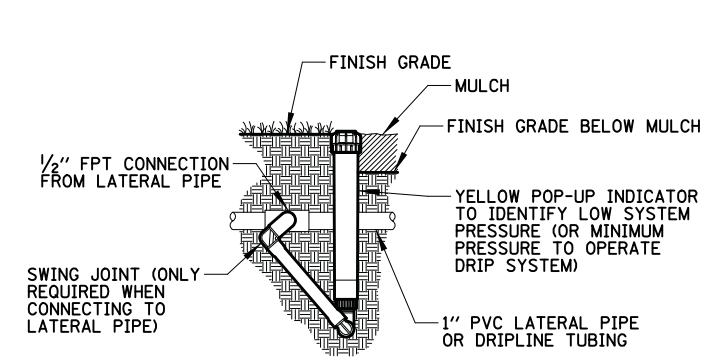
AIR / VACUUM RELIEF VALVE

N.T.S.



DRIPLINE CONNECTION ABOVE GRADE

N.T.S.



OPERATION INDICATOR

N.T.S.

FILE NAME =	USER NAME = jat	DESIGNED - JAT	REVISED -
...3075.Irrigation Details.dgn		DRAWN - JAT	REVISED -
		PLOT SCALE = 20.0000' / in.	CHECKED - DJK
		PLOT DATE = 10/31/2018	DATE - 10/05/2018

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
IRRIGATION DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

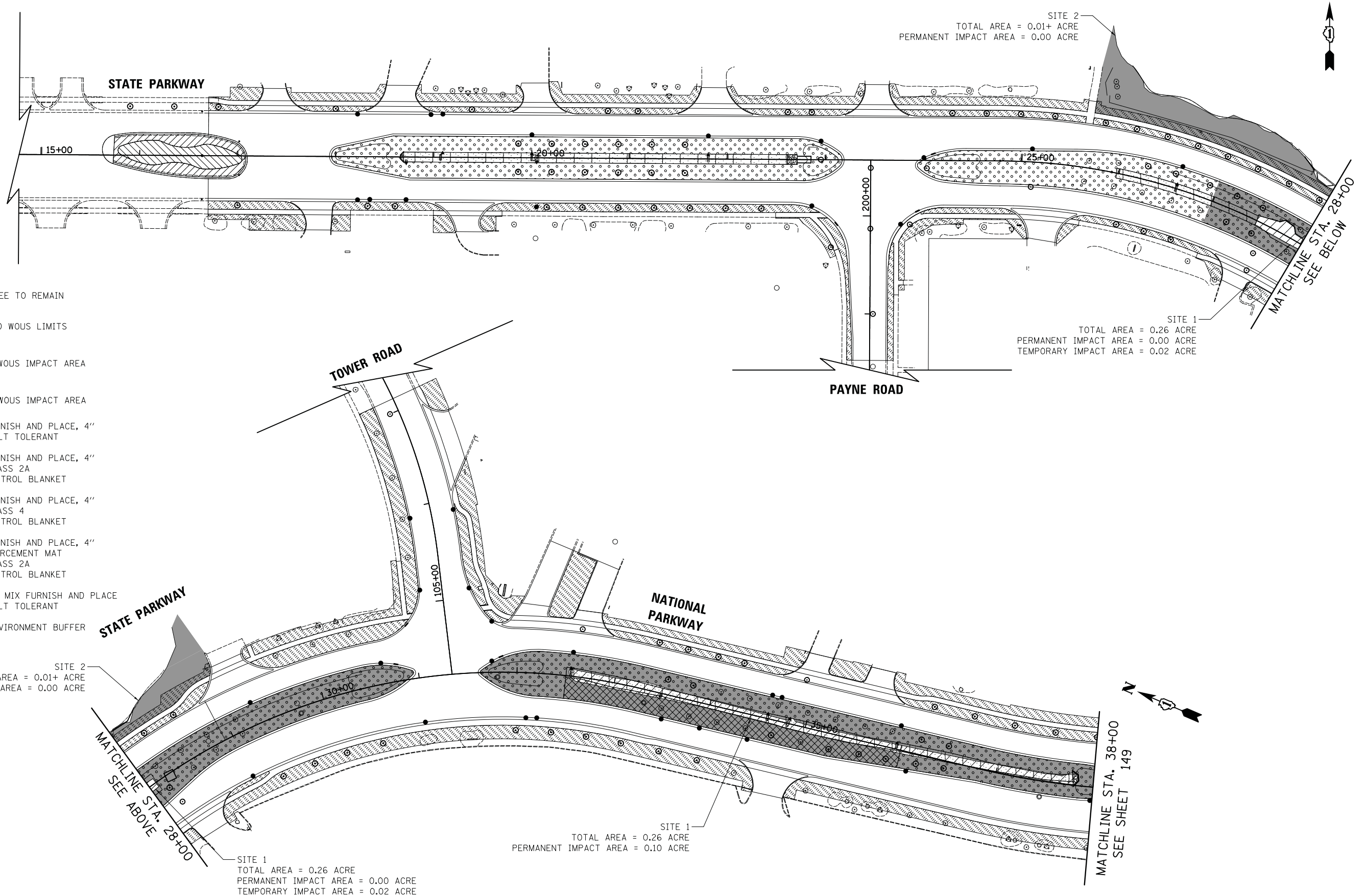
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	147
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	

LEGEND

- ⊙ ⊙ EXISTING TREE TO REMAIN
- WETLAND AND WOUS LIMITS
- [Diagonal Hatching] PERMANENT WOUS IMPACT AREA
- [Diagonal Hatching] TEMPORARY WOUS IMPACT AREA
- [Dotted Pattern] TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- [Dotted Pattern] TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A EROSION CONTROL BLANKET
- [Dotted Pattern] TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4 EROSION CONTROL BLANKET
- [Cross-hatch Pattern] TOPSOIL FURNISH AND PLACE, 4" TURF REINFORCEMENT MAT SEEDING, CLASS 2A EROSION CONTROL BLANKET
- [Diagonal Hatching] MEDIAN SOIL MIX FURNISH AND PLACE SODDING, SALT TOLERANT
- [Solid Grey] RIPARIAN ENVIRONMENT BUFFER



FILE NAME = ...\3075_Wetland Impact_01

USER NAME = jat
 DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10/05/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

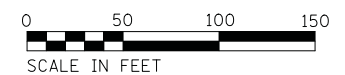
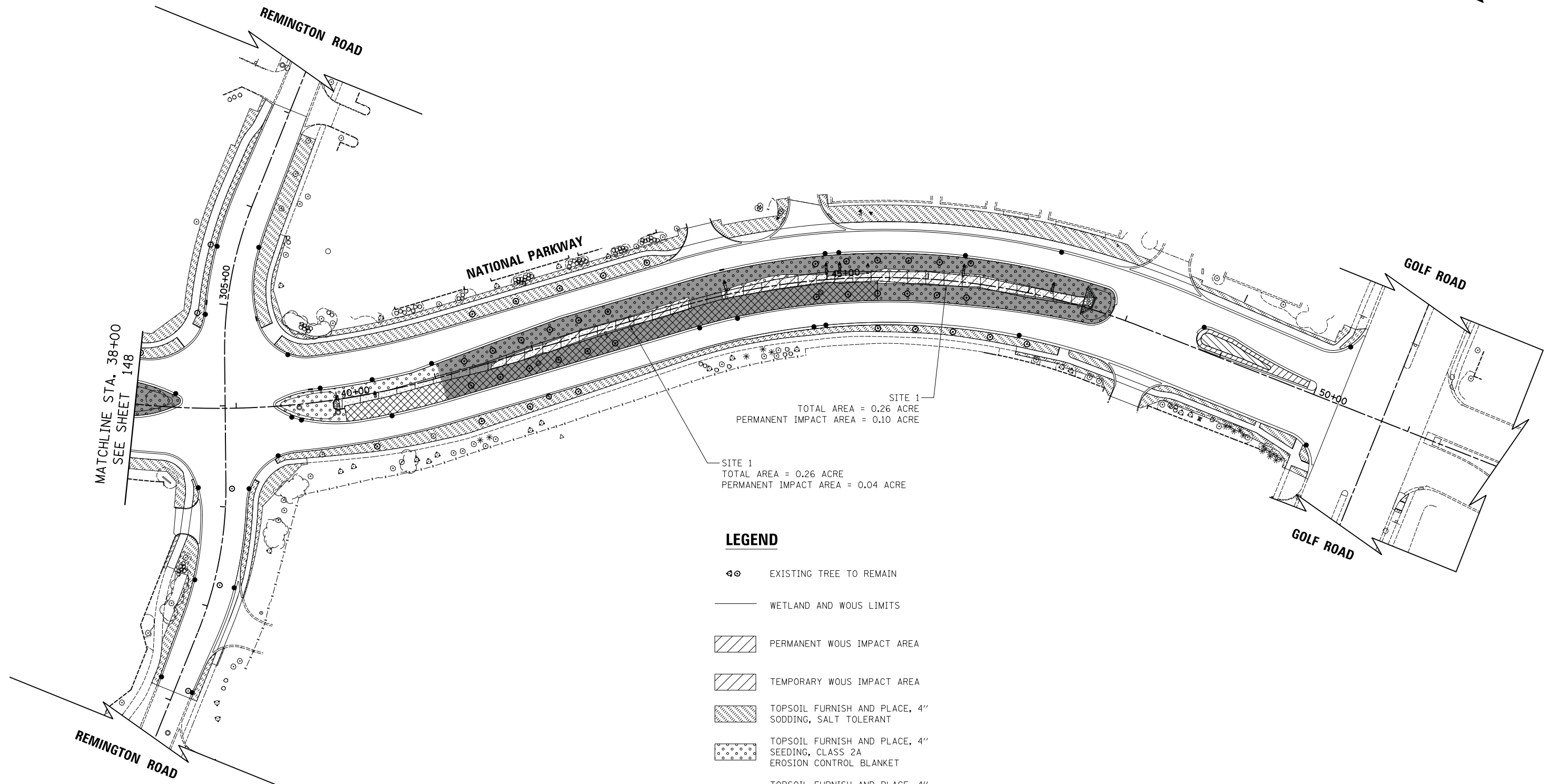
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 WATERS OF THE US IMPACT EXHIBITS**
 SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 17+12.00 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	148
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
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	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
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	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
WATERS OF THE US IMPACT EXHIBIT**

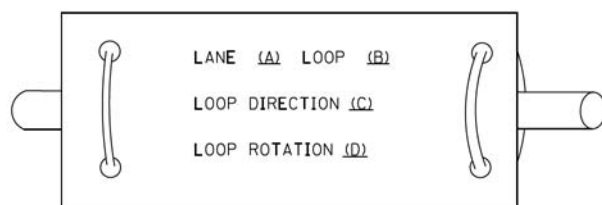
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	149
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

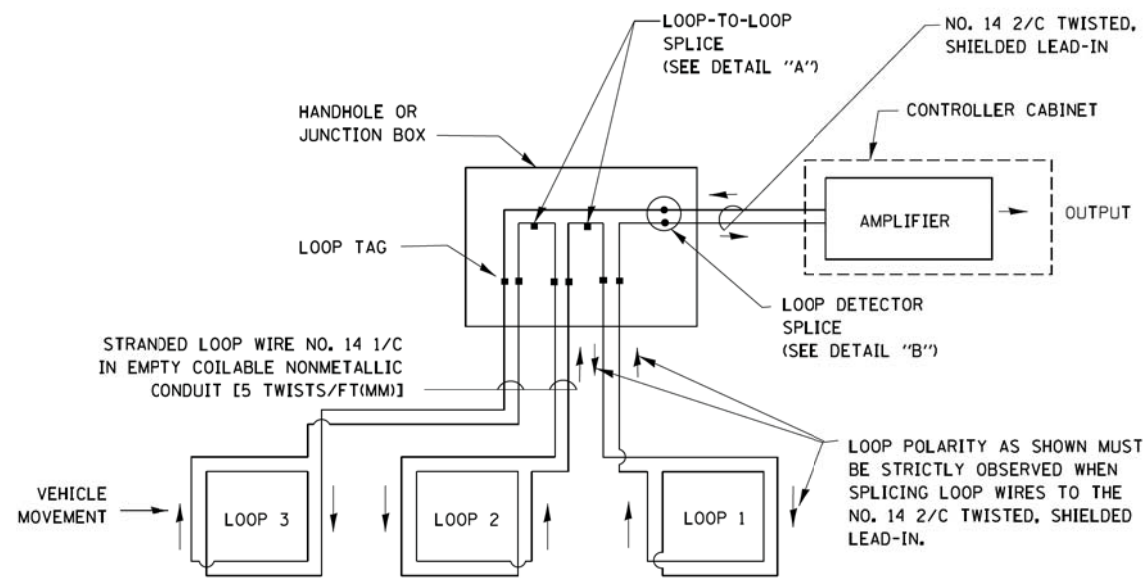
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

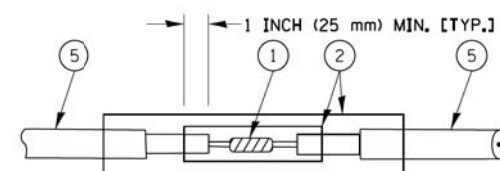


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

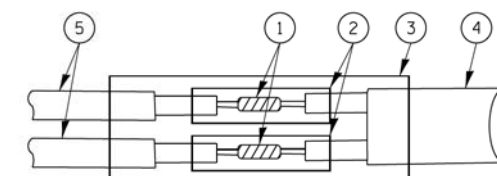


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

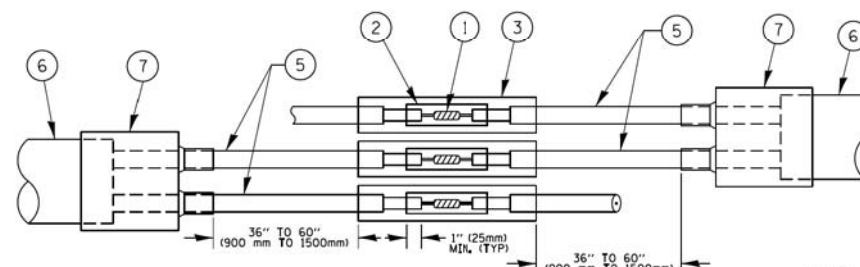


DETAIL "A"
LOOP-TO-LOOP SPLICE

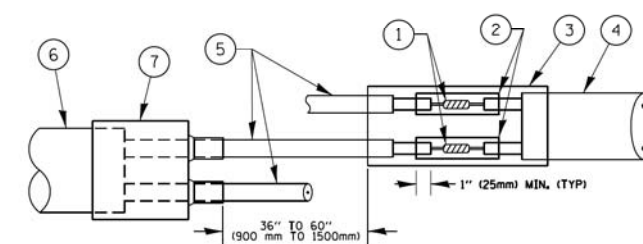


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

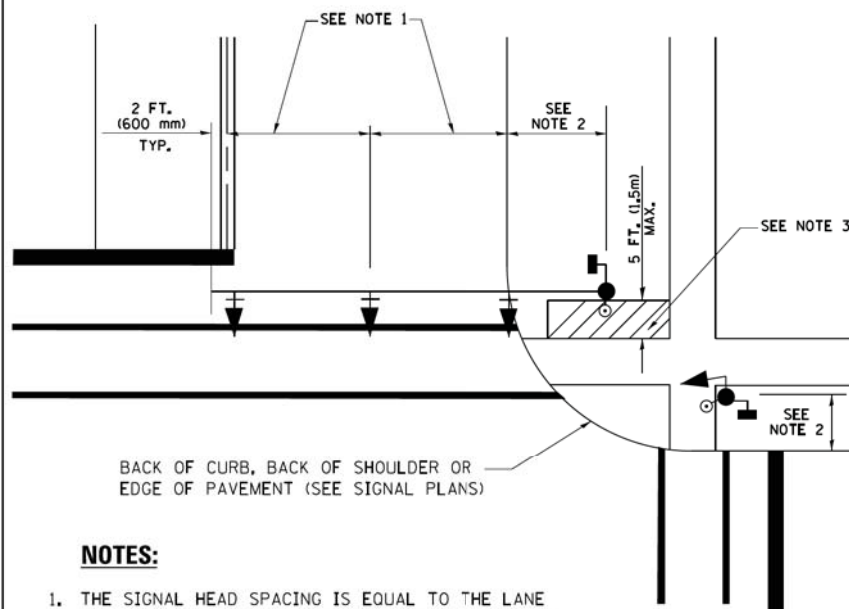
PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED - DAD	REVISED -						TS-05		CONTRACT NO. 61FOO		
		DATE - 10-28-09	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

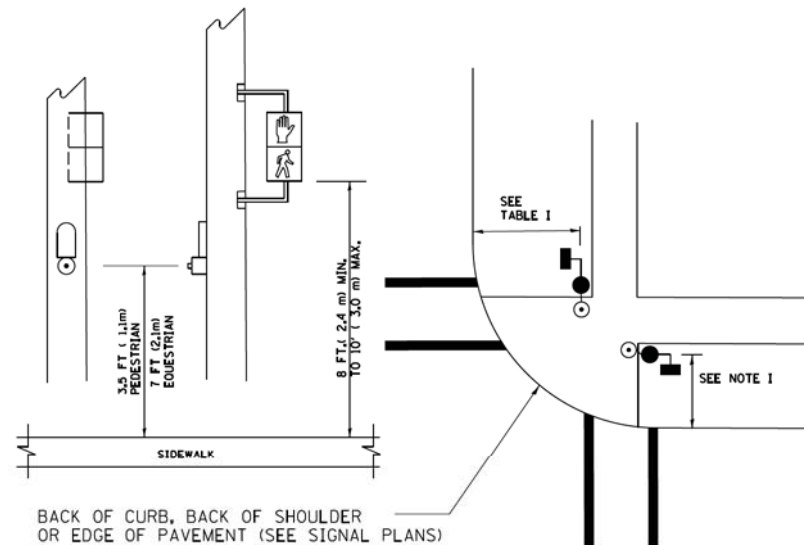
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

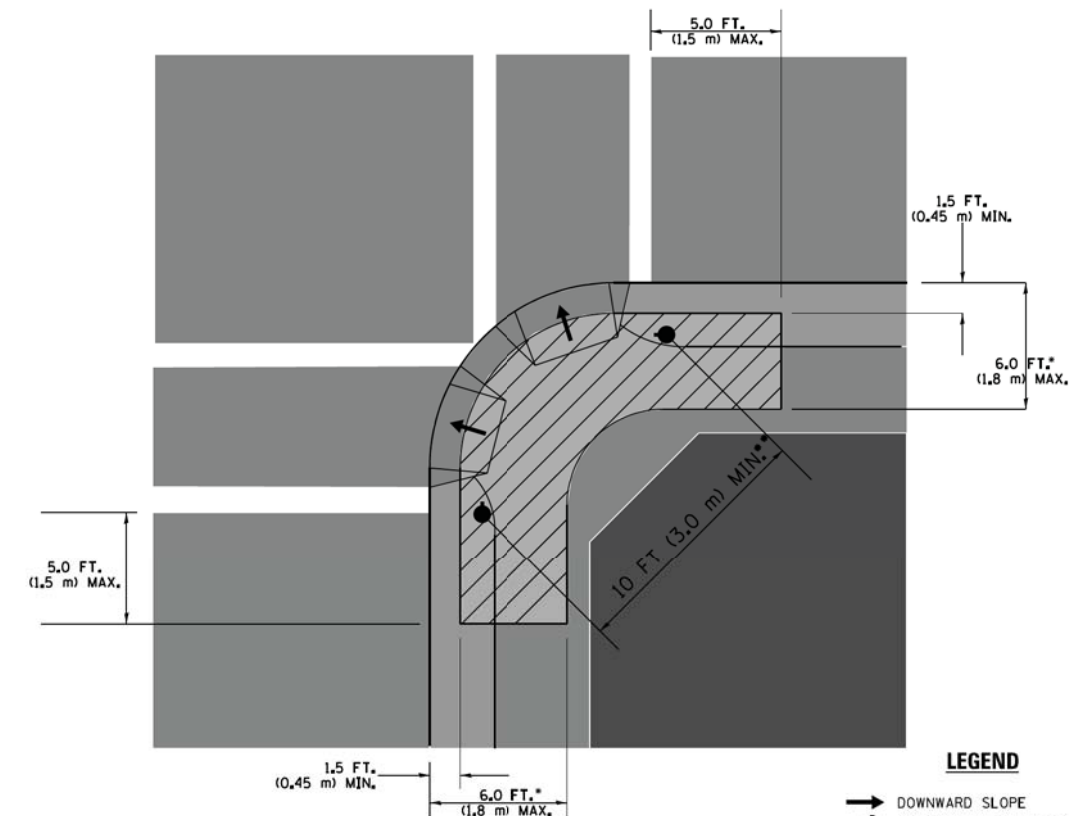
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

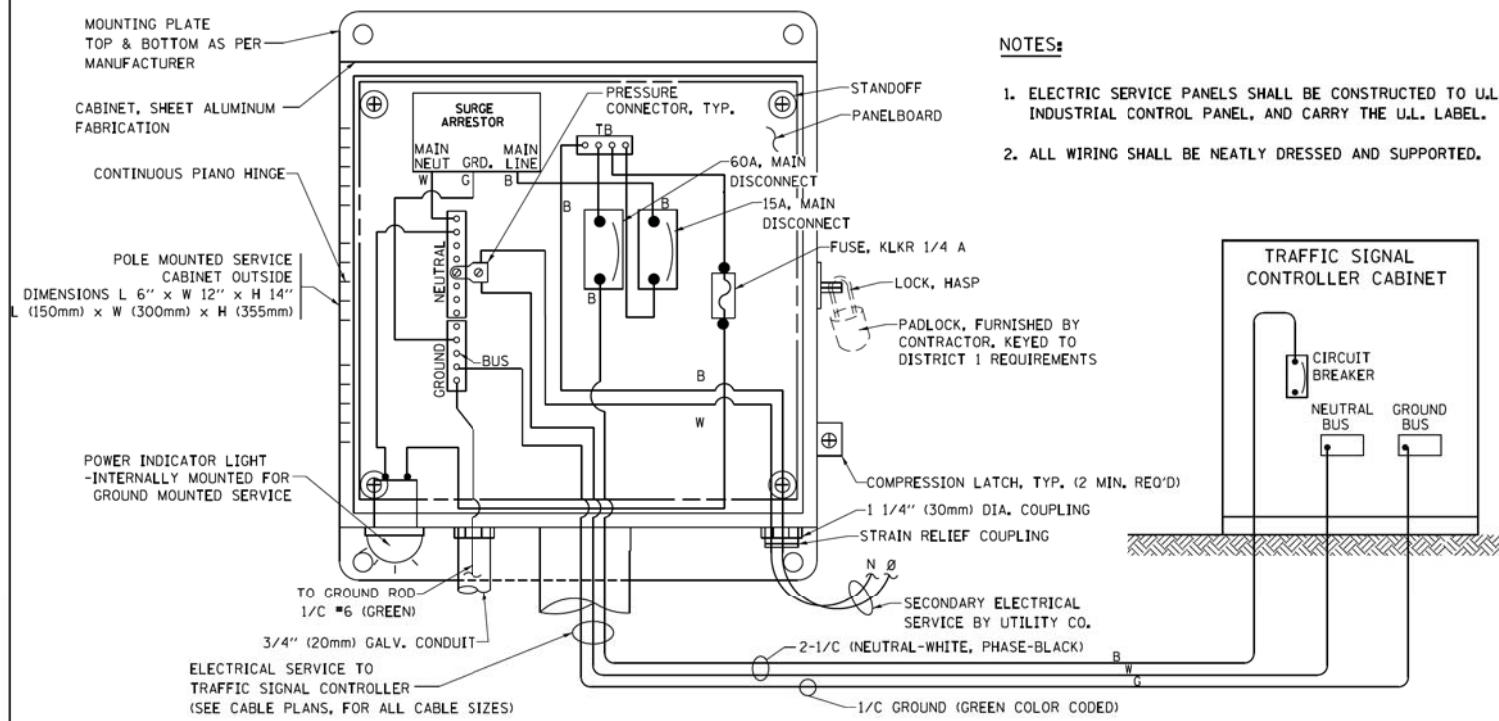
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

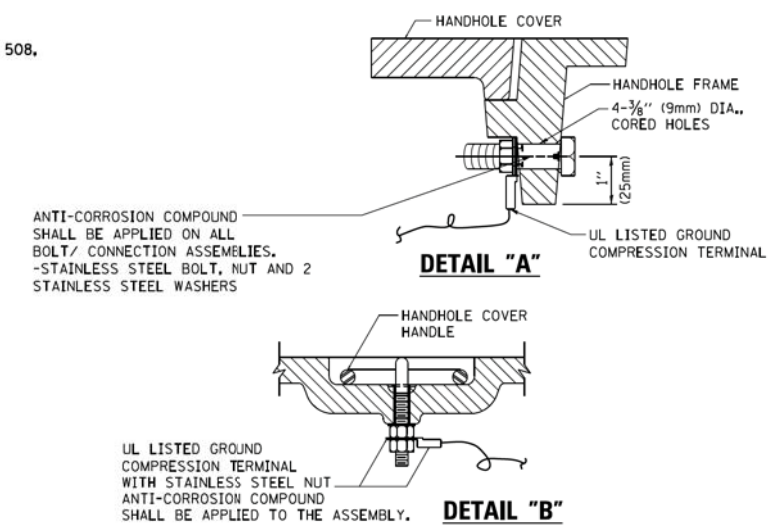
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

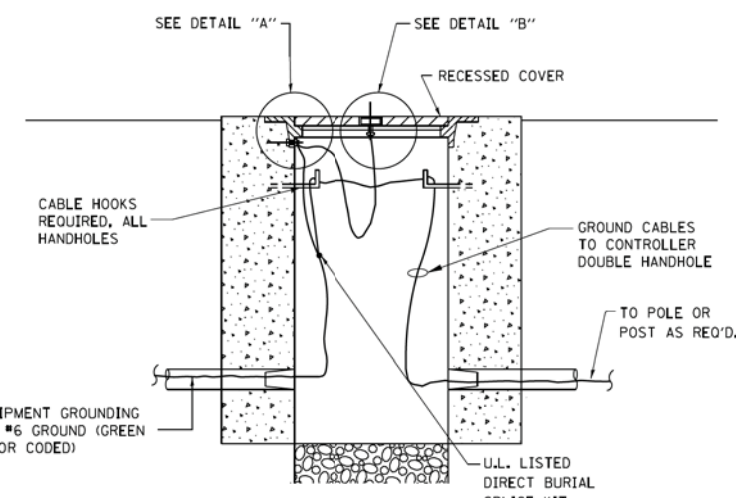


**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)**

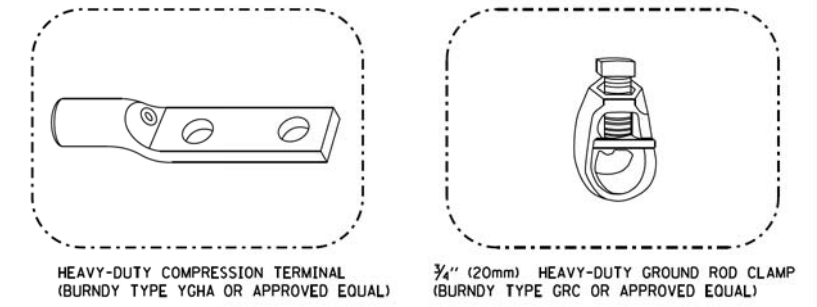


**NOTES:
GROUNDING SYSTEM**

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

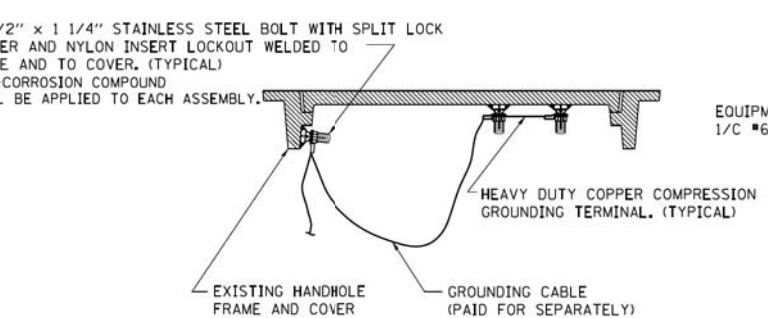


**HANDHOLE COVER & FRAME - GROUNDING DETAIL
(NOT TO SCALE)**

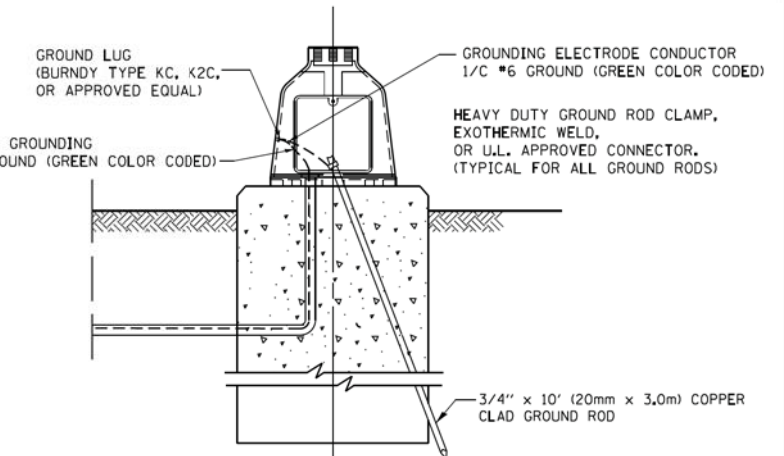


NOTES:

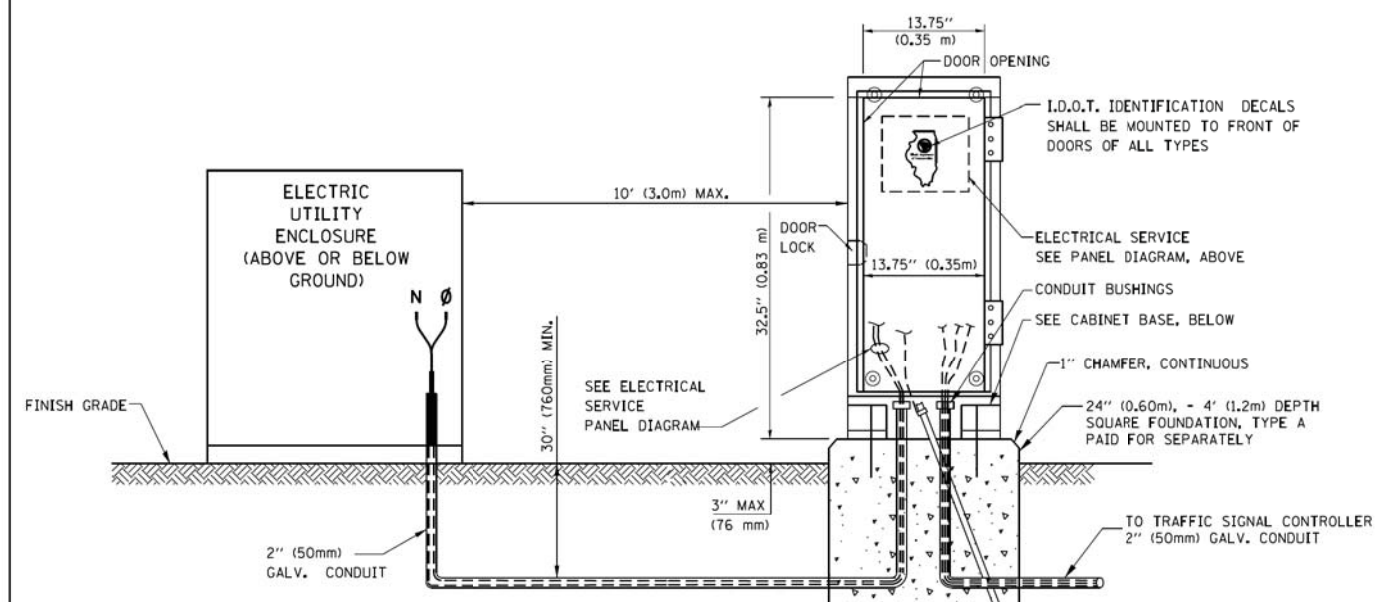
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



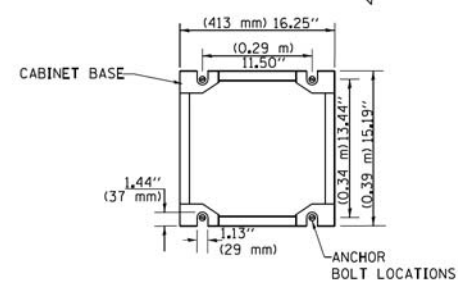
**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
(NOT TO SCALE)**



**MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)**

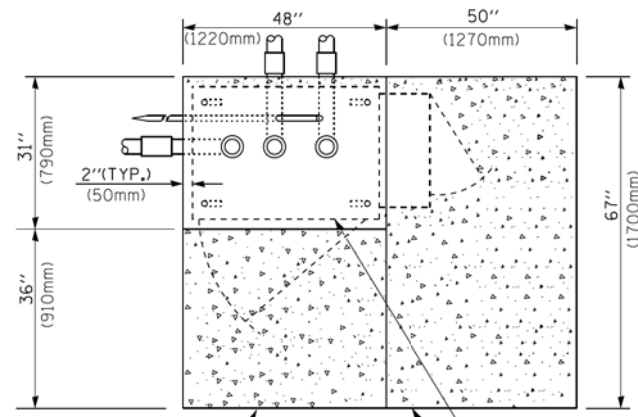


**SERVICE INSTALLATION
GROUND MOUNT
(NOT TO SCALE)**

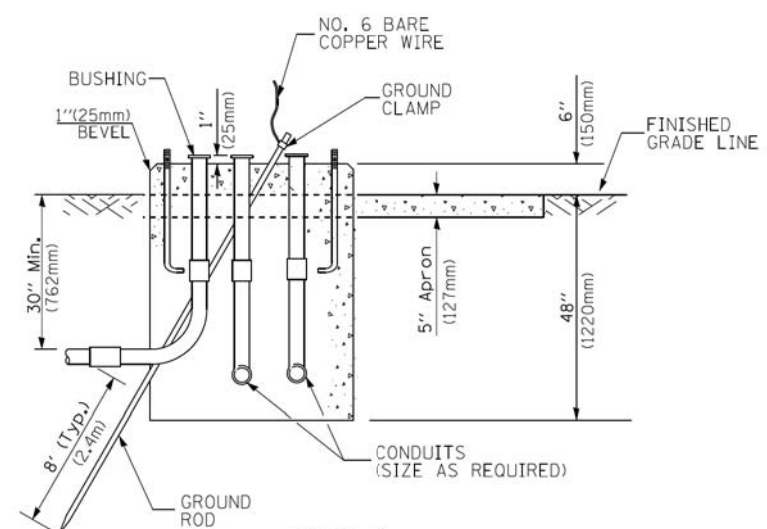


**CABINET - BASE BOLT PATTERN
(NOT TO SCALE)**

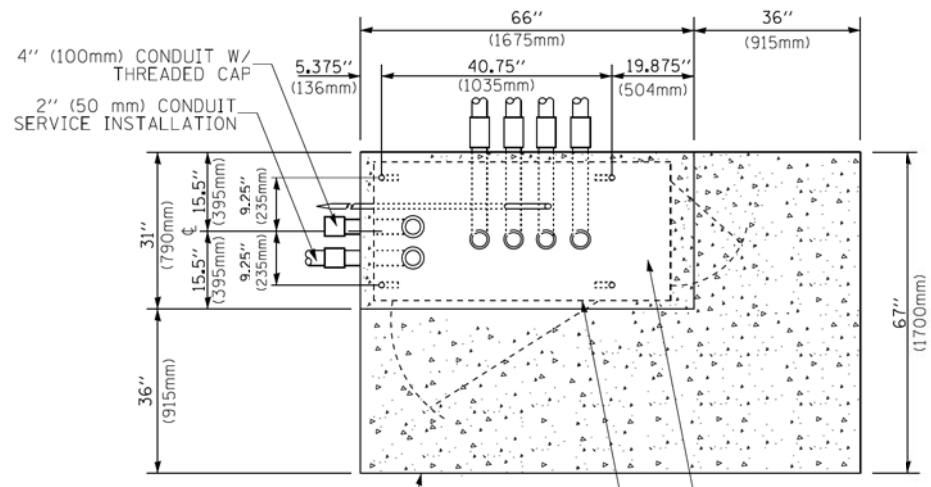
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	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
		DATE - 10-28-09	REVISED -						ILLINOIS				



TOP VIEW

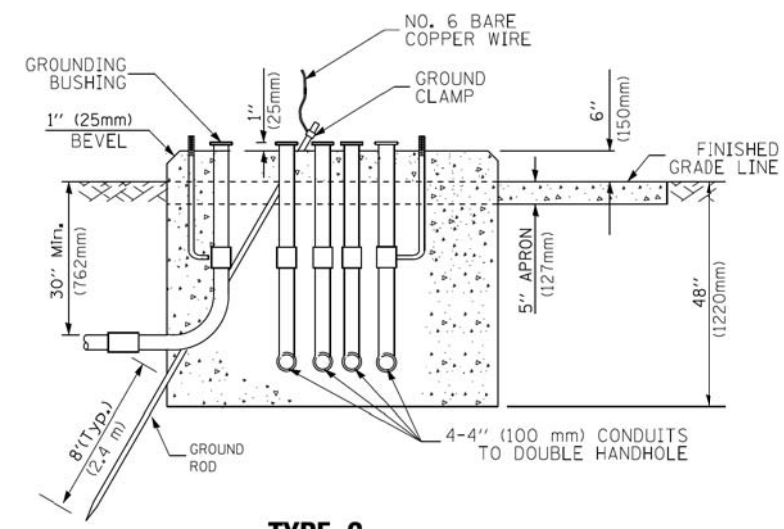


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

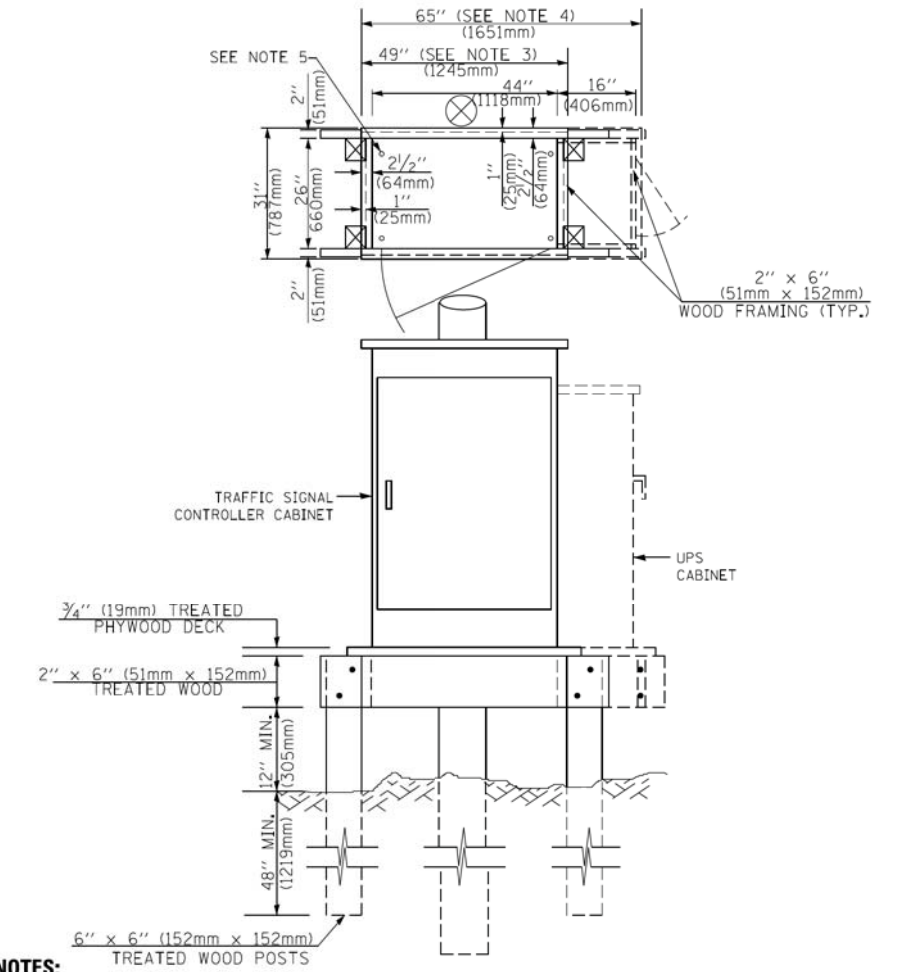


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

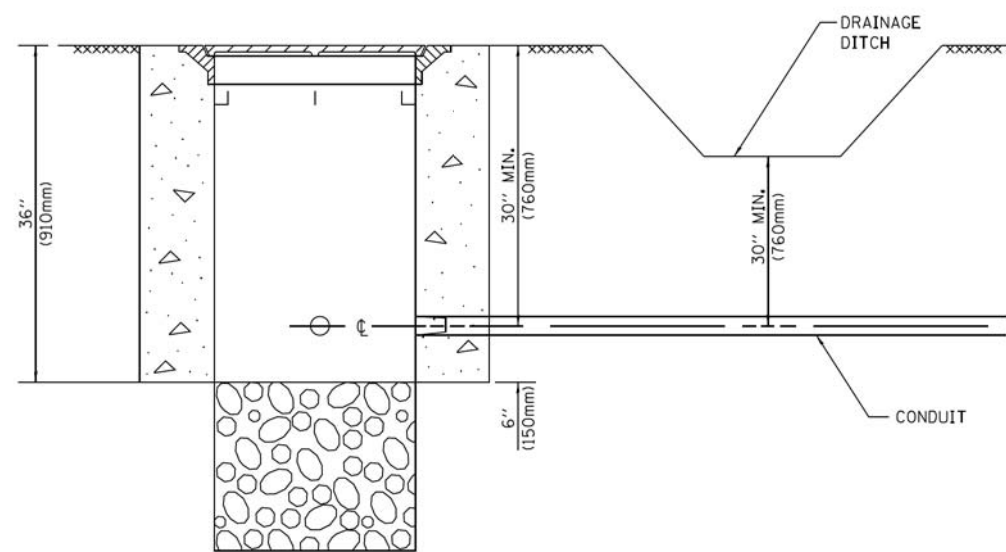
DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

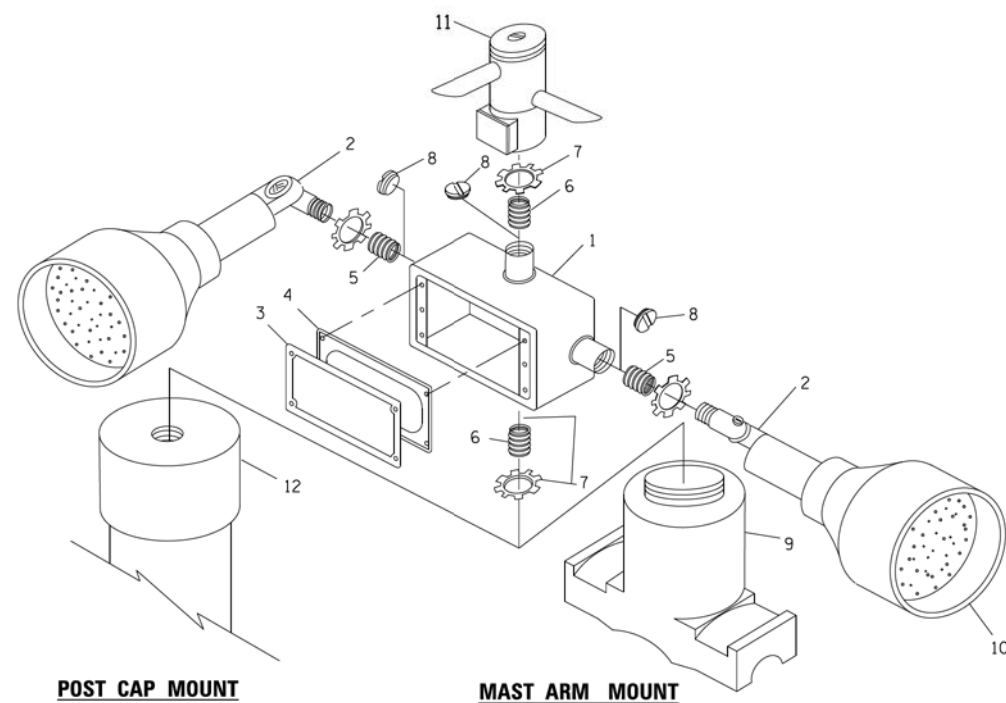
DEPTH OF MAST ARM FOUNDATIONS, TYPE E



NOTES:

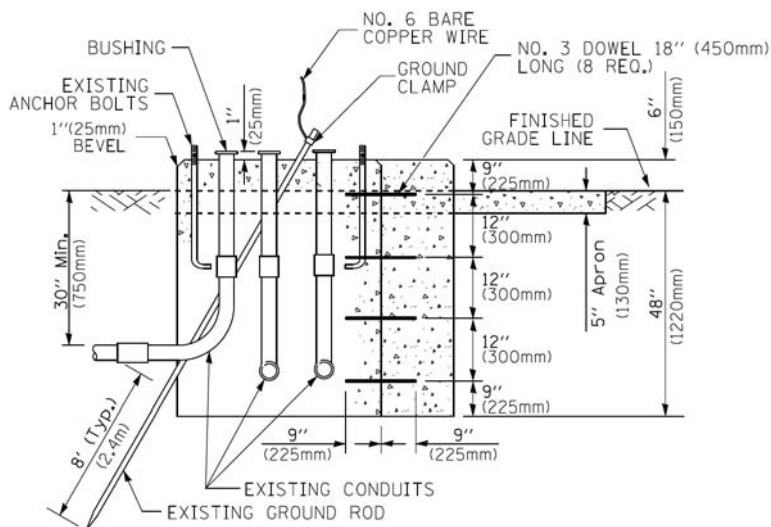
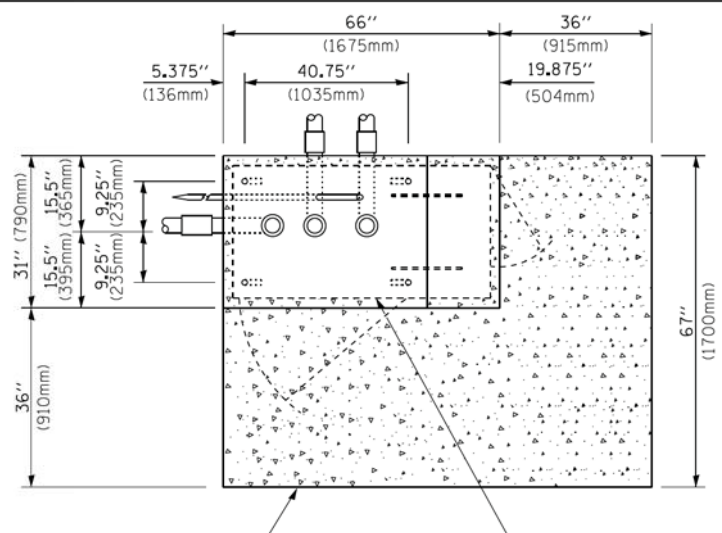
1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
ca:\pw_work\pwwork\footemj\d0108315\ts05.dgn		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -



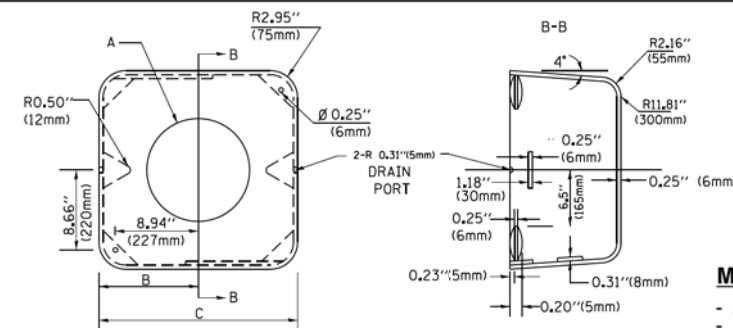
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4"(19 mm) CLOSE NIPPLE
7	3/4"(19 mm) LOCKNUT
8	3/4"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

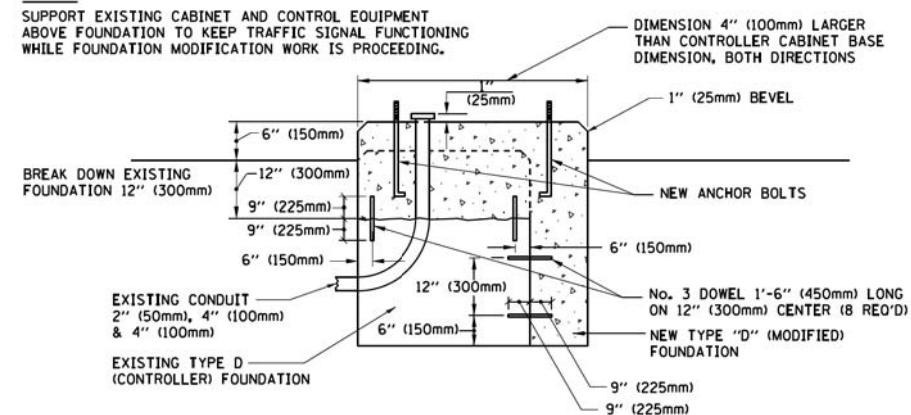
SHROUD

NOTES:

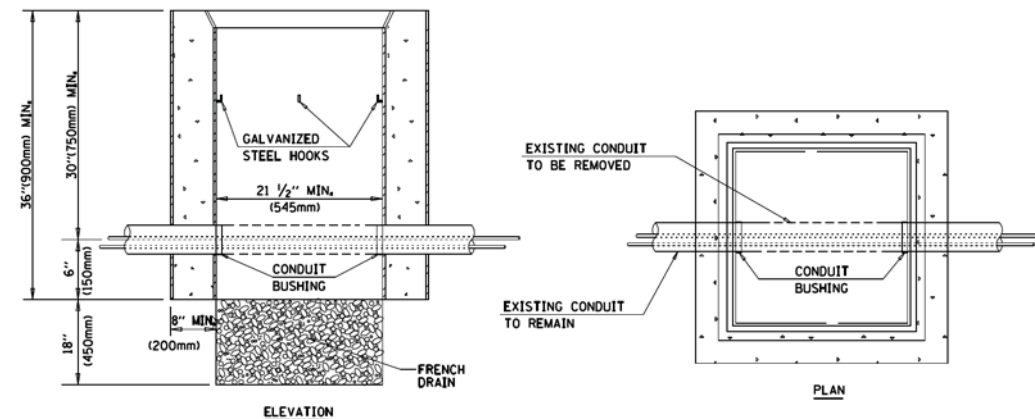
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

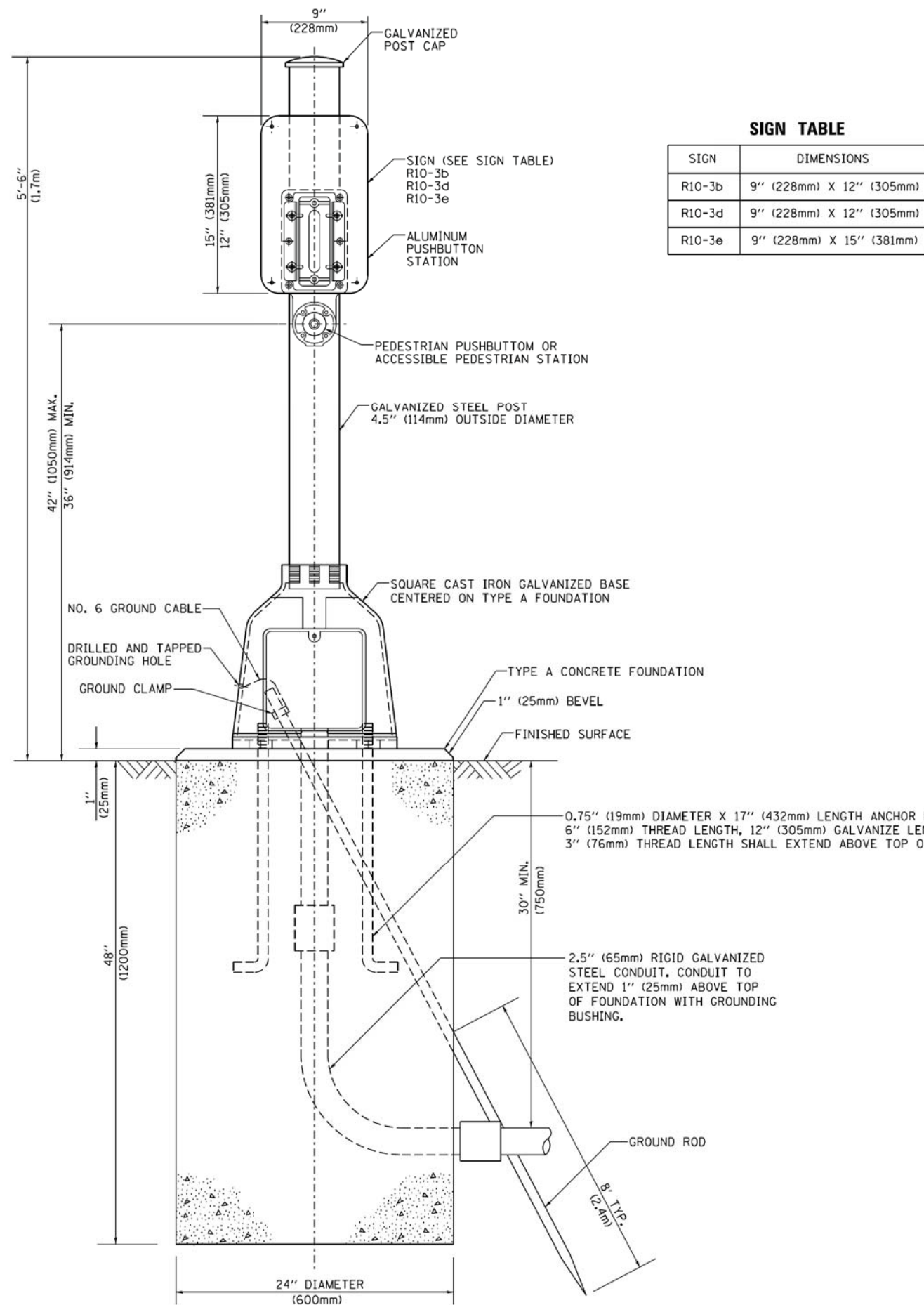


NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

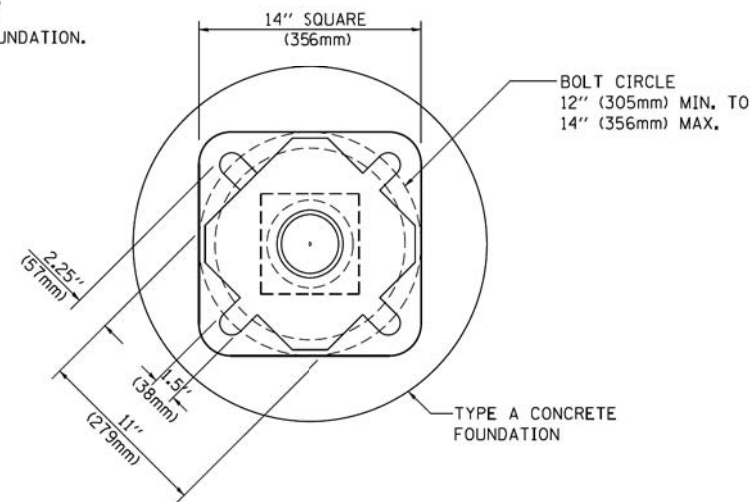
HANDHOLE TO INTERCEPT EXISTING CONDUIT

SCALE: NONE		SHEET NO. 6 OF 7 SHEETS		STA. TO STA.		DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS		F.A.U. RTE. 1103	SECTION 15-00119-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 155
								TS-05		CONTRACT NO. 61F00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT												



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME =	USER NAME = footemj	DESIGNED - DAG	REVISED - DAG 1-1-14
ct:\pw\work\p\dot\footemj\d0108315\ts05.dgn		DRAWN - GND	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10/1/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

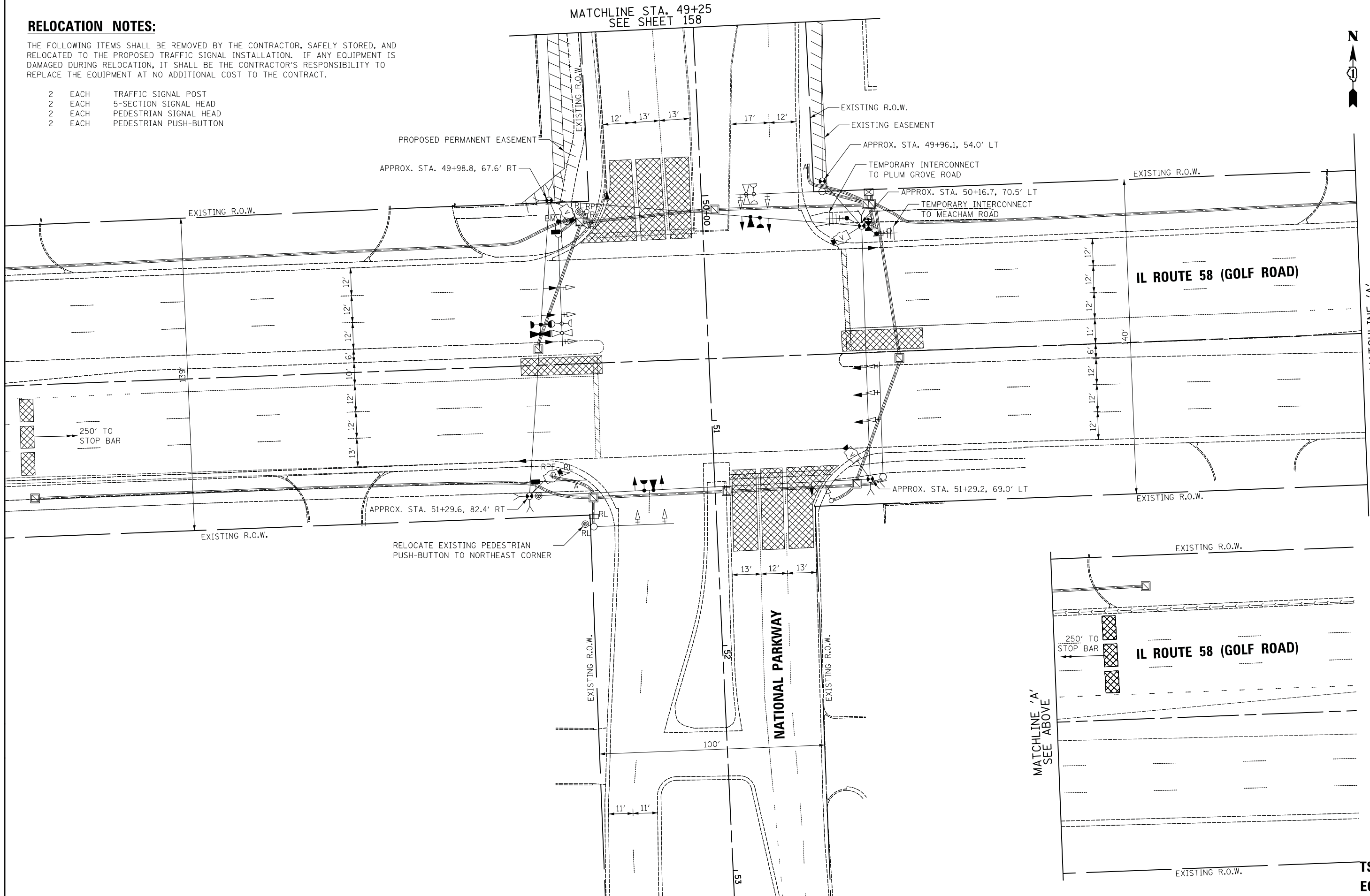
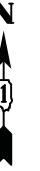
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	156
TS-05			CONTRACT NO. 61FOO	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION. IF ANY EQUIPMENT IS DAMAGED DURING RELOCATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE THE EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT.

- 2 EACH TRAFFIC SIGNAL POST
- 2 EACH 5-SECTION SIGNAL HEAD
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON

MATCHLINE STA. 49+25
SEE SHEET 158



MATCHLINE 'A'
SEE BELOW

MATCHLINE 'A'
SEE ABOVE

TS 21290
ECON 78

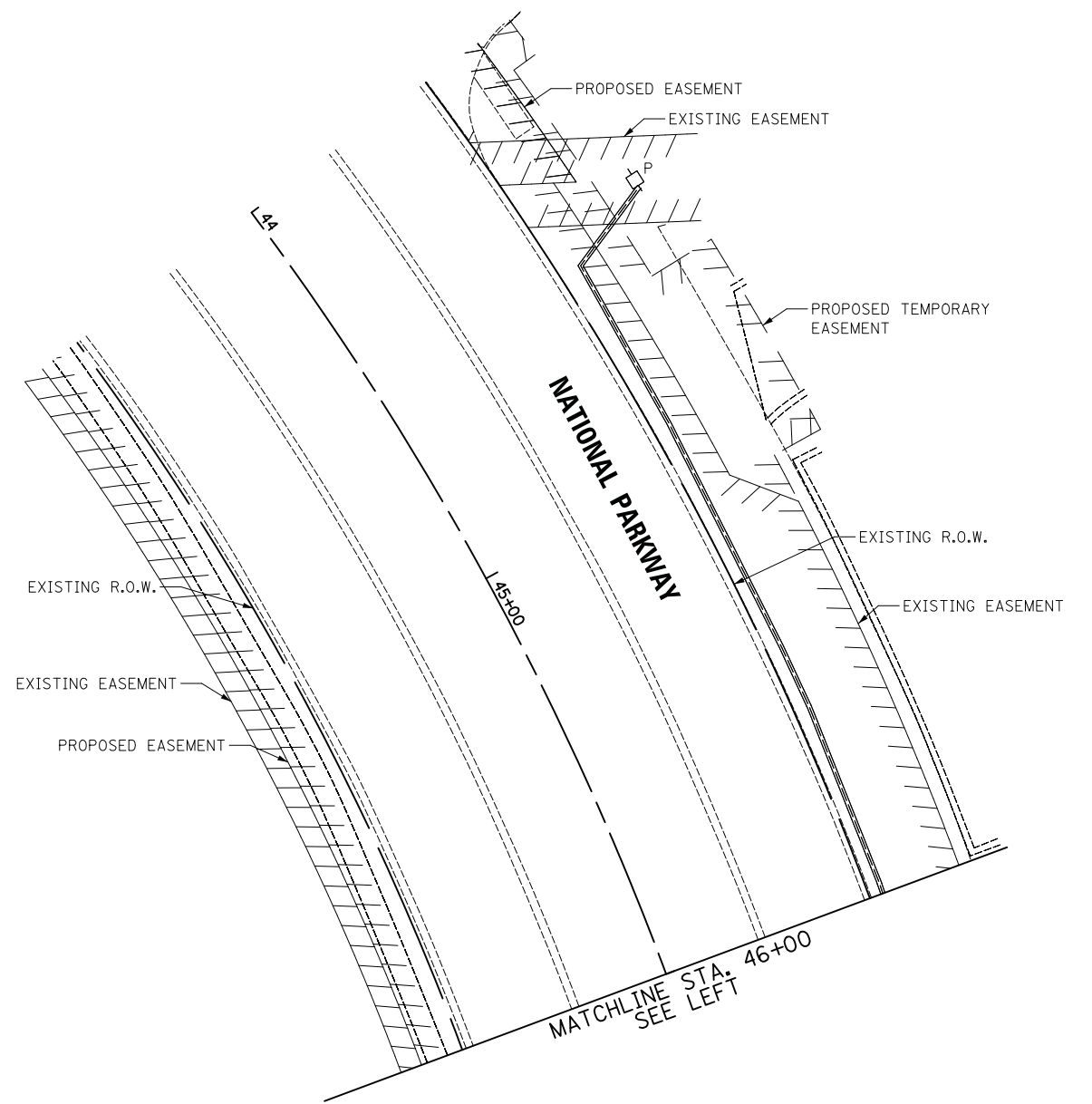
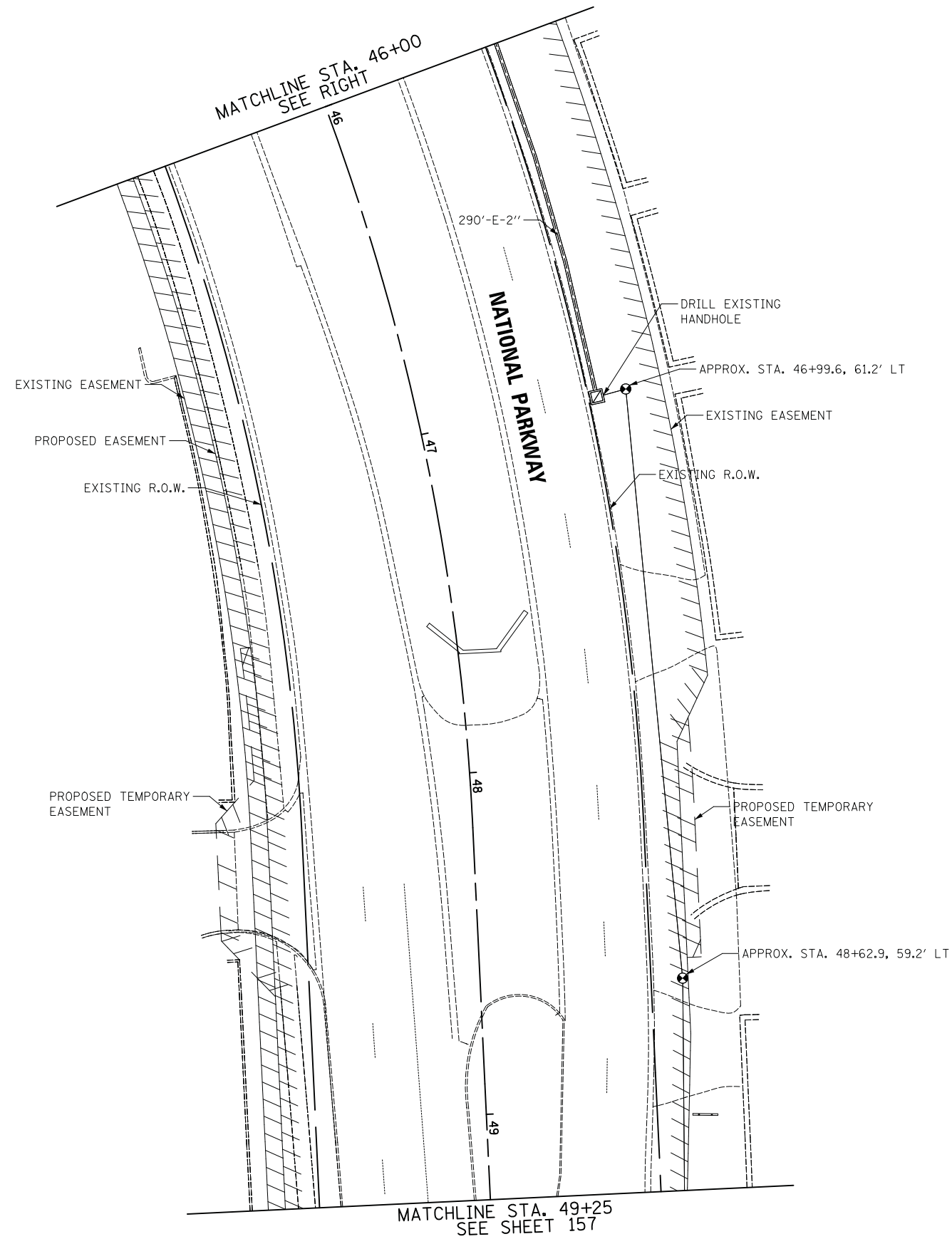
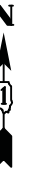
FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
...\\3075.TS08A_Removal and Temporary Signal Plan Installation Sht 1.dgn		DRAWN - LEP	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
#MODELNAME#	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY (PRE-STAGE)

SCALE: 1" = 20' SHEET 1 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	157
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				



TS 21290
ECON 78

FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
...\\3075.TS088_Removal and Temporary Signal Plan Installation Sht 2.dgn		DRAWN - LEP	REVISED -
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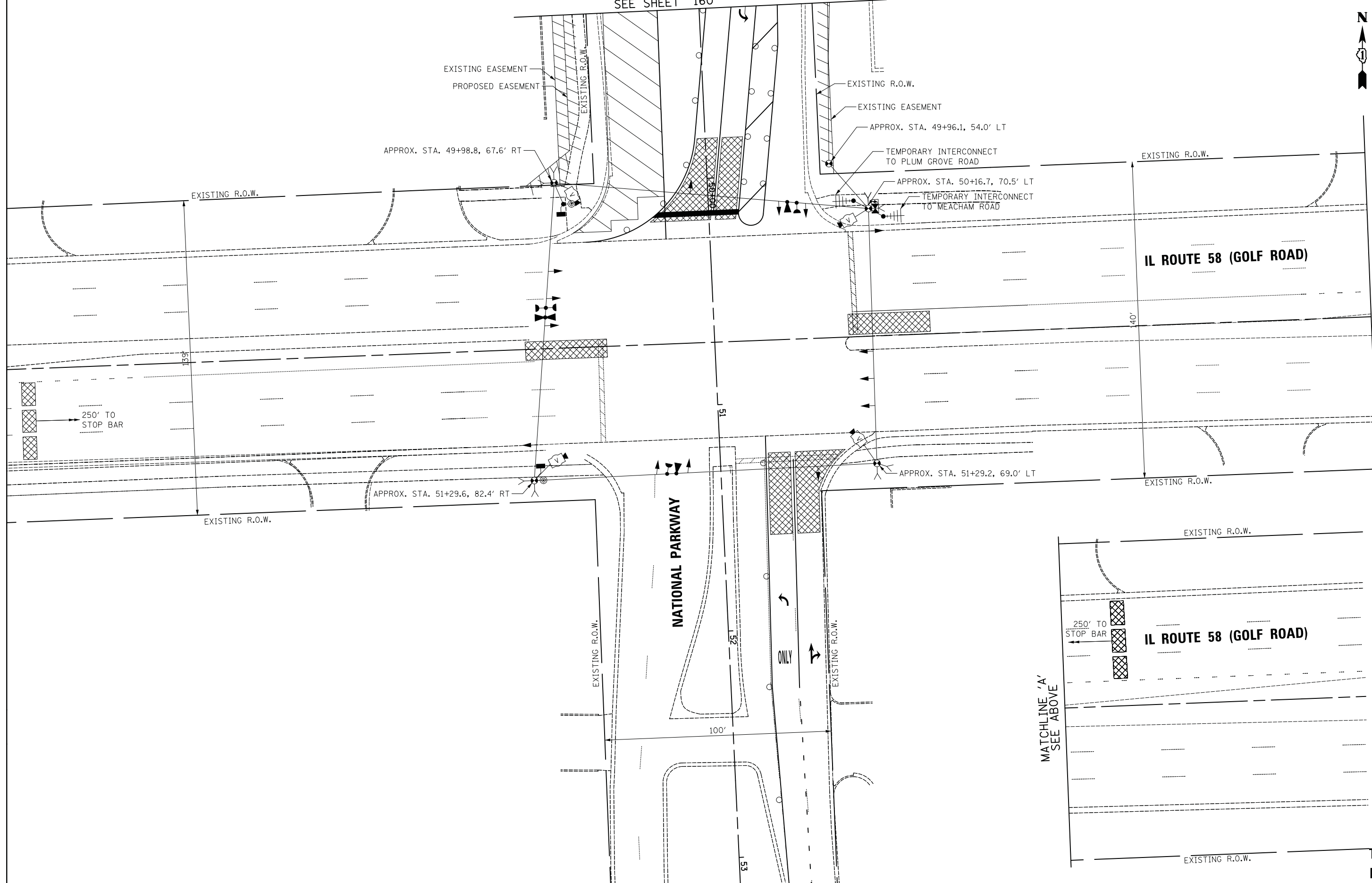
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY (PRESTAGE)

SCALE: 1" = 20' SHEET 2 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	158
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 49+25
SEE SHEET 160



MATCHLINE 'A'
SEE BELOW

MATCHLINE 'A'
SEE ABOVE

FILE NAME = ...\\3075_TS09A_Temporary MOT Stage 1-1A	USER NAME = jet	DESIGNED - LEP	REVISED -
...	Sht 1.dgn	DRAWN - LEP	REVISED -
#MODELNAME#	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

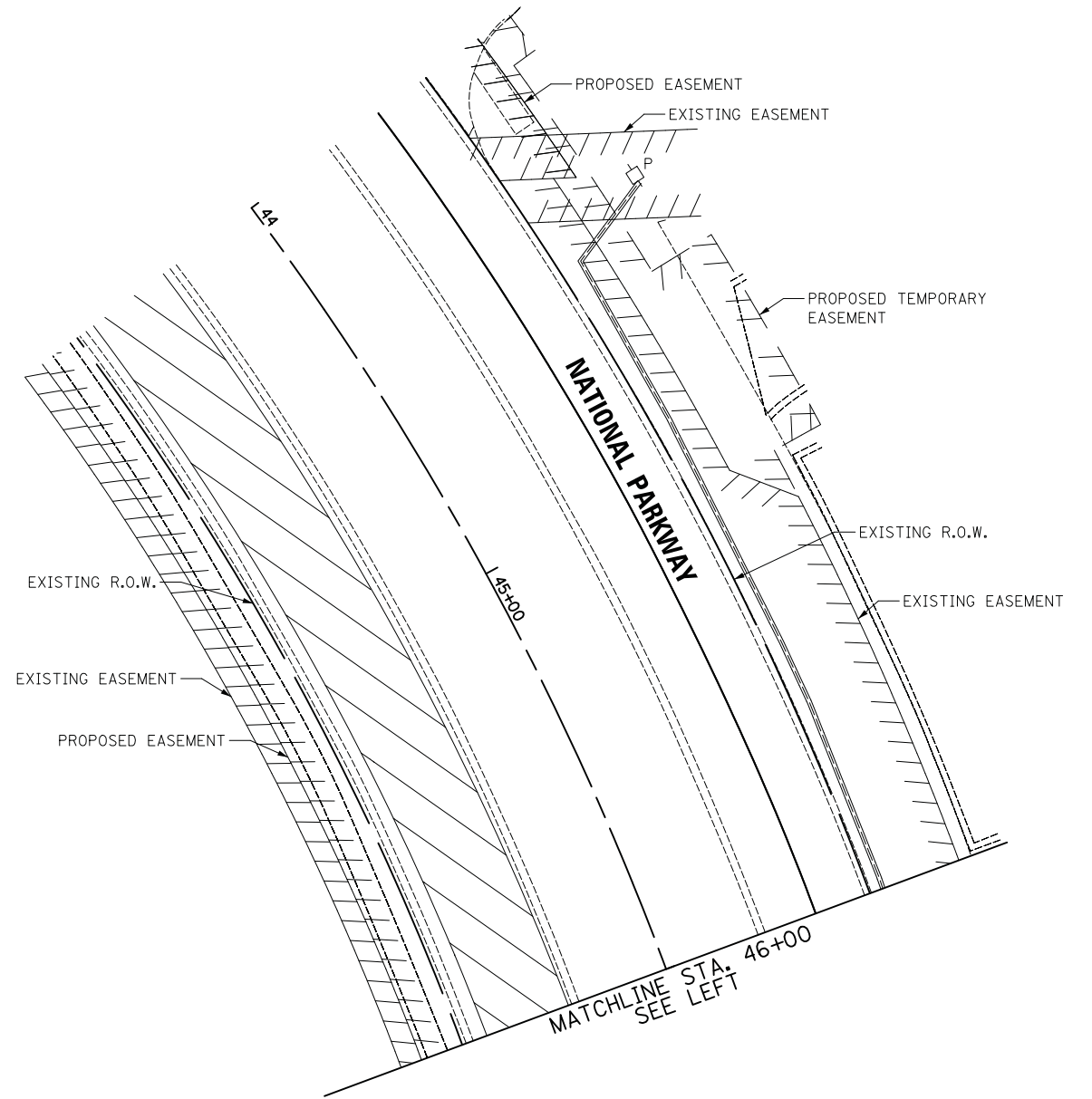
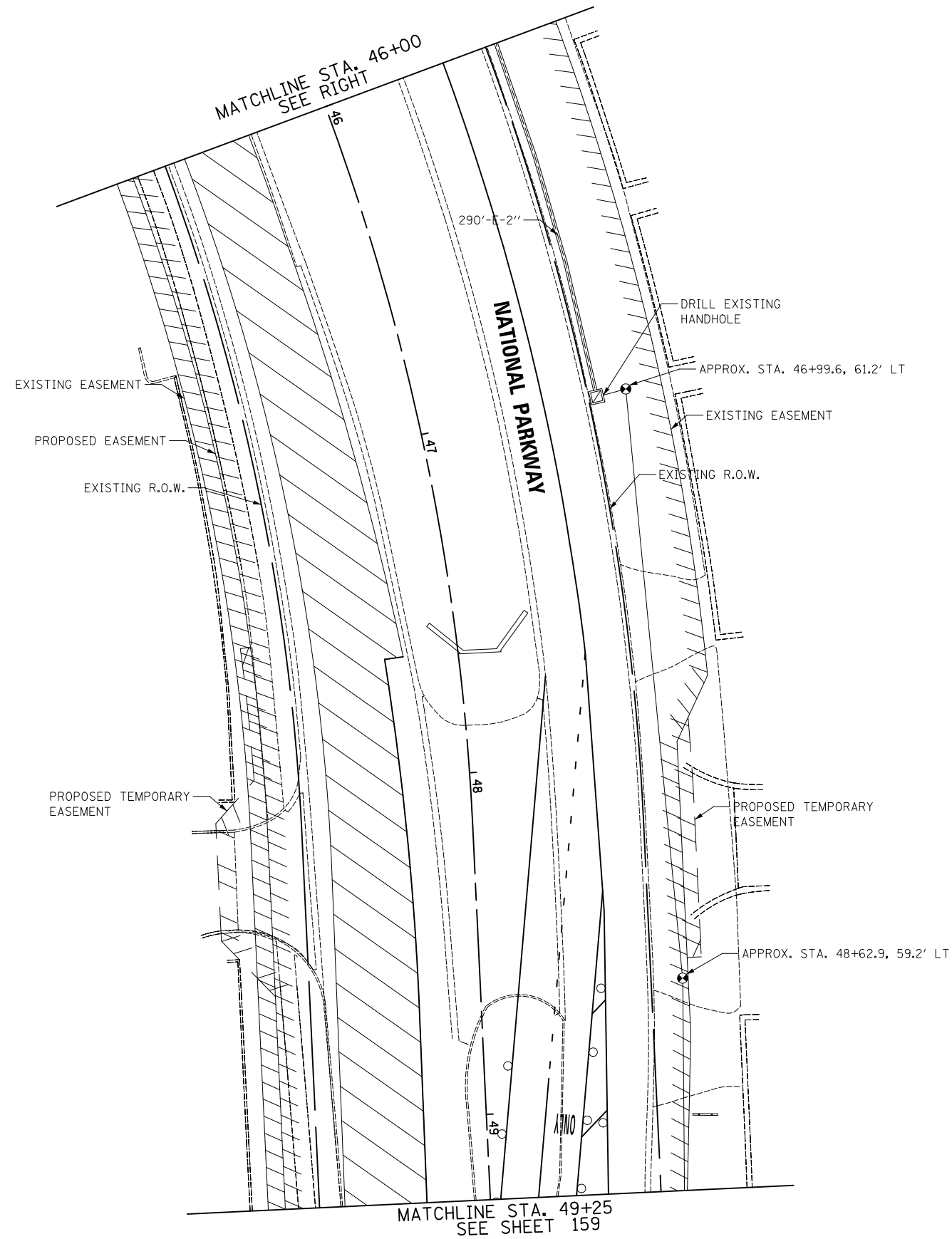
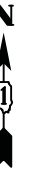
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

SCALE: 1" = 20' SHEET 1 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	159
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

TS 21290
ECON 78



TS 21290
ECON 78

FILE NAME = ...\\3075.TS098_Temporary MOT Stage 1-1A	USER NAME = jet	DESIGNED - LEP	REVISED -
	Plot 2.dgn	DRAWN - LEP	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
#MODELNAME#	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

SCALE: 1" = 20' SHEET 2 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	160
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				

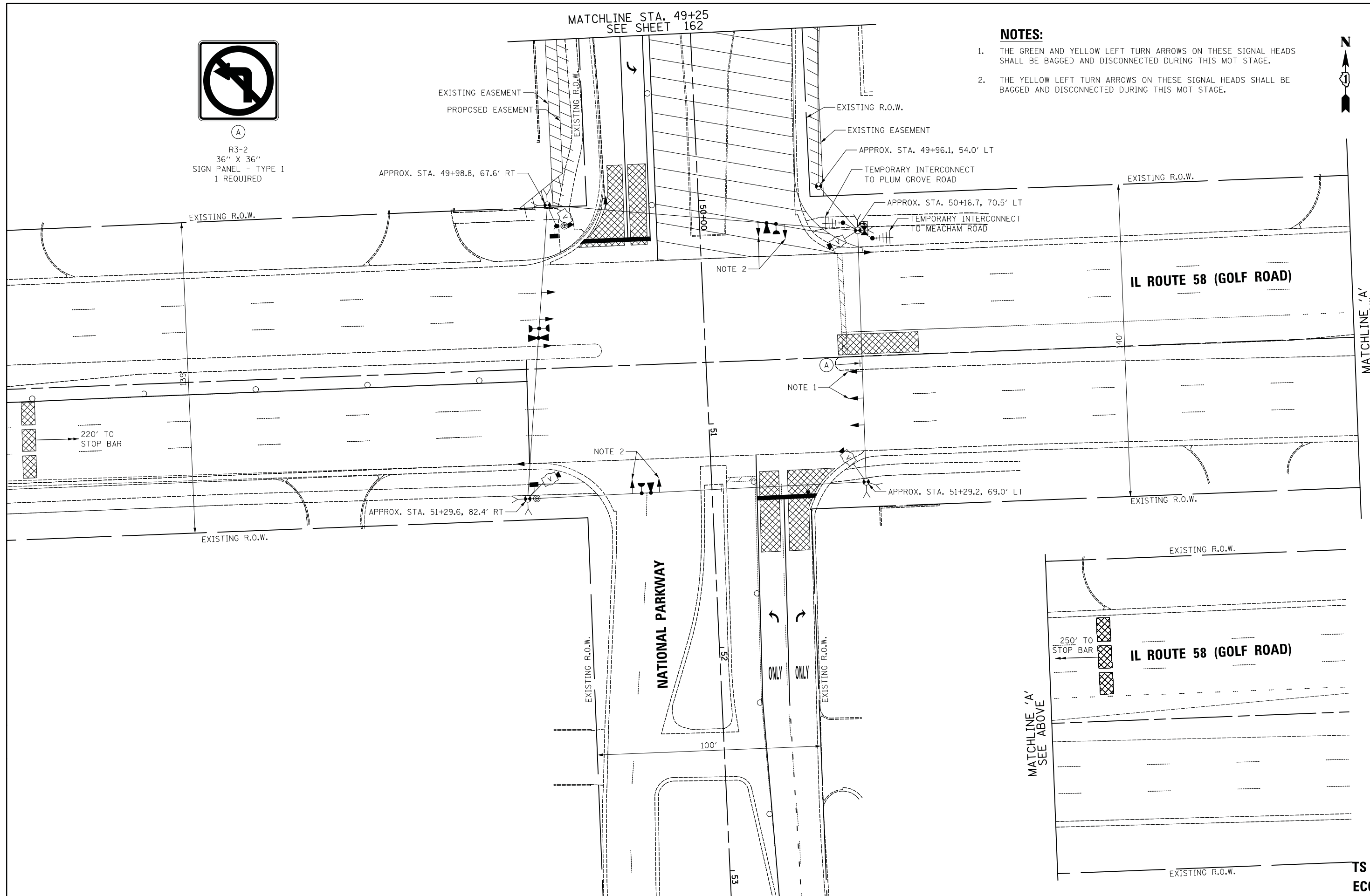
MATCHLINE STA. 49+25
SEE SHEET 162



(A)
R3-2
36" X 36"
SIGN PANEL - TYPE 1
1 REQUIRED

NOTES:

1. THE GREEN AND YELLOW LEFT TURN ARROWS ON THESE SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED DURING THIS MOT STAGE.
2. THE YELLOW LEFT TURN ARROWS ON THESE SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED DURING THIS MOT STAGE.



FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
...\\3075.TS10A.Temporary MOT Stage 2-2C	Sht 1.dgn	DRAWN - LEP	REVISED -
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	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

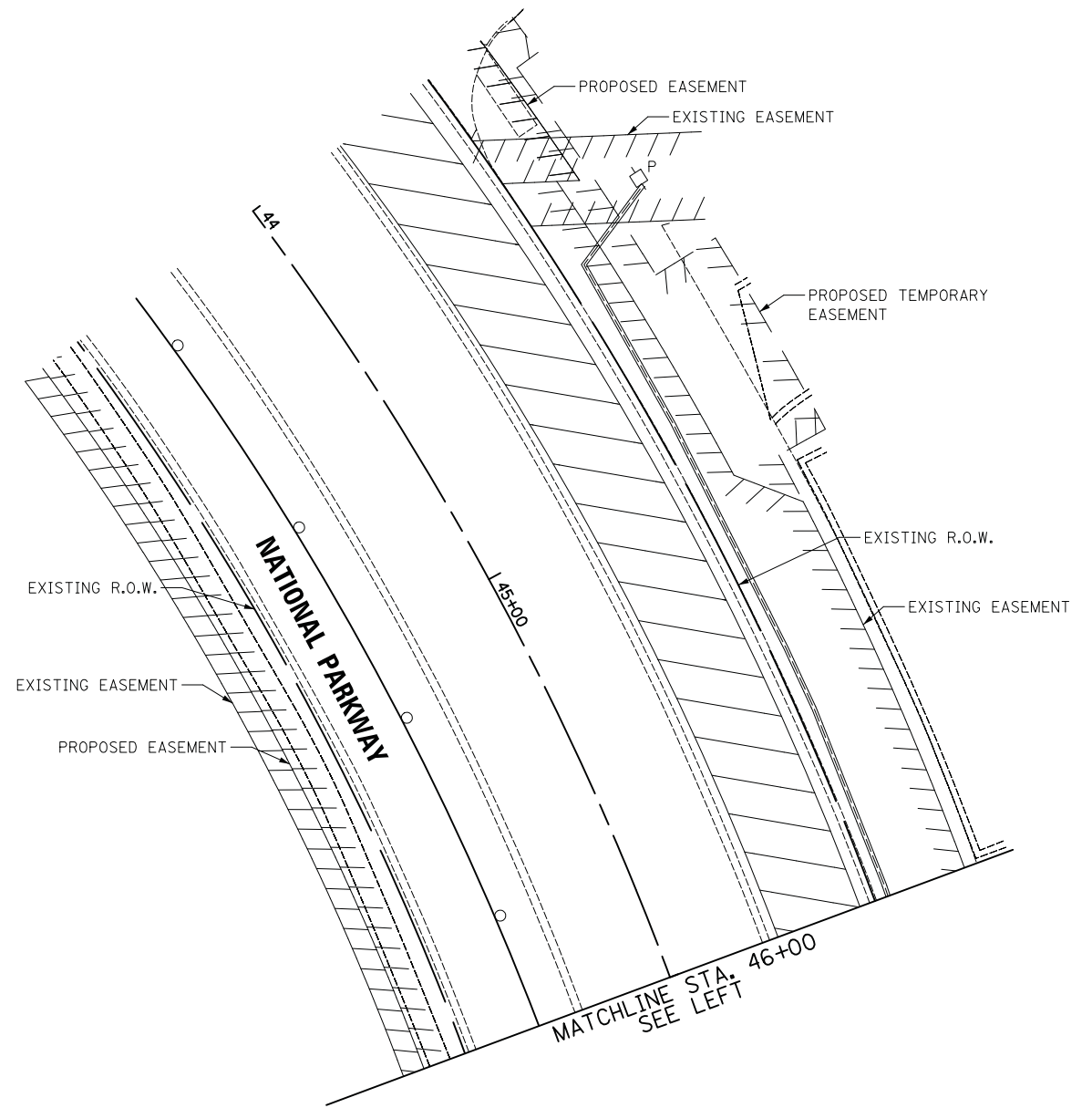
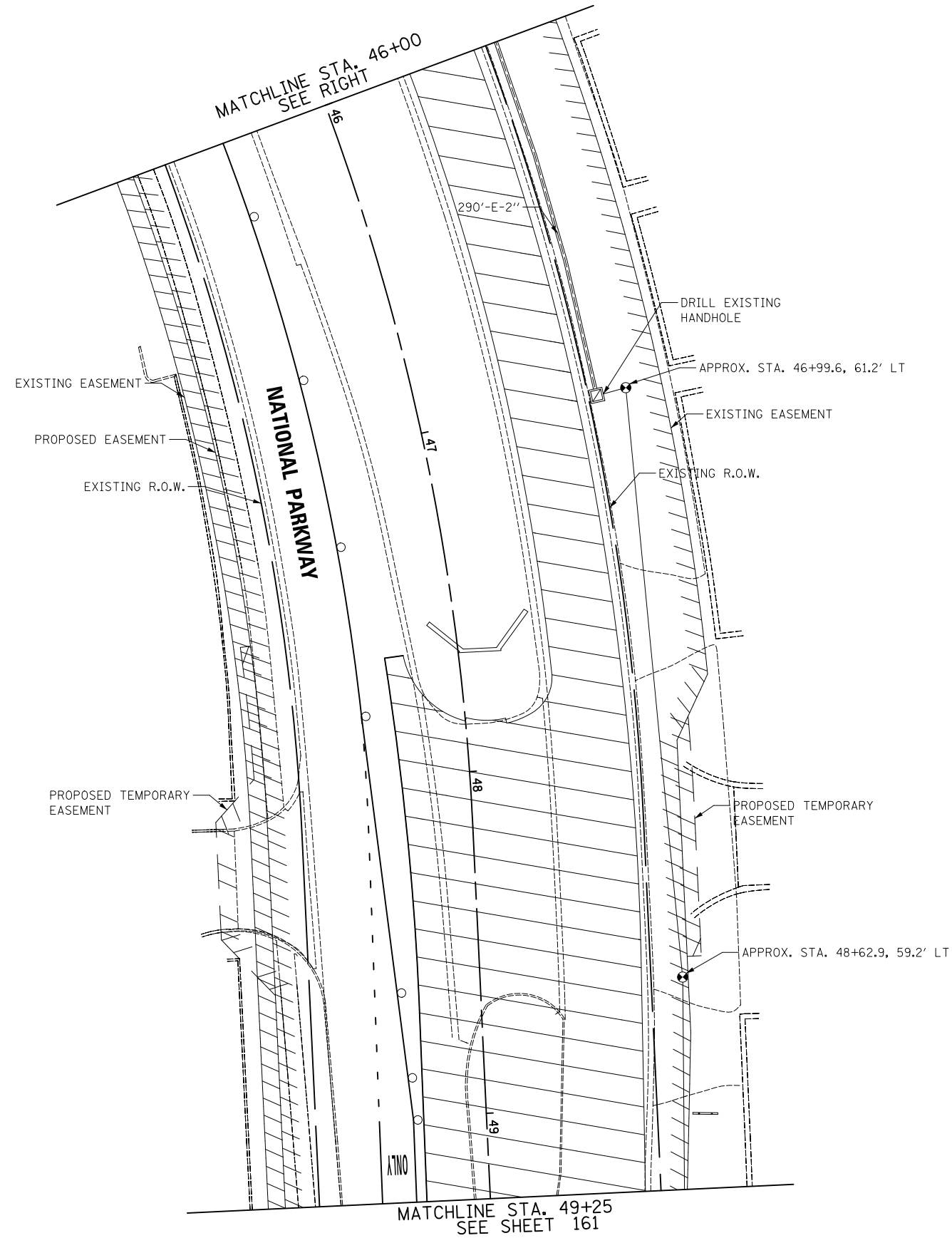
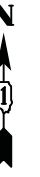
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

SCALE: 1" = 20' SHEET 1 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	161
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

TS 21290
ECON 78



TS 21290
ECON 78

FILE NAME = ...\\3075.TS10B.Temporary MOT Stage 2-2C	USER NAME = jet Sht 2.dgn	DESIGNED - LEP	REVISED -
	PLOT SCALE = 20.0000' / in.	DRAWN - LEP	REVISED -
#MODELNAME#	PLOT DATE = 10/31/2018	CHECKED - JJE	REVISED -
		DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

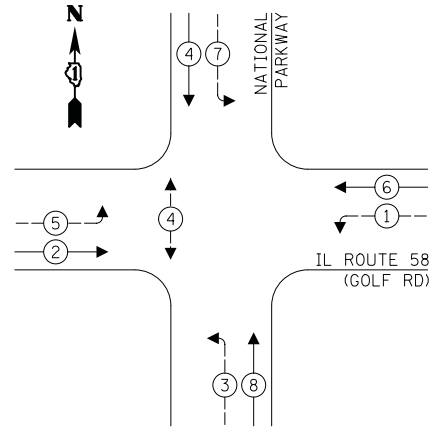
TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

SCALE: 1" = 20' SHEET 2 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	162
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

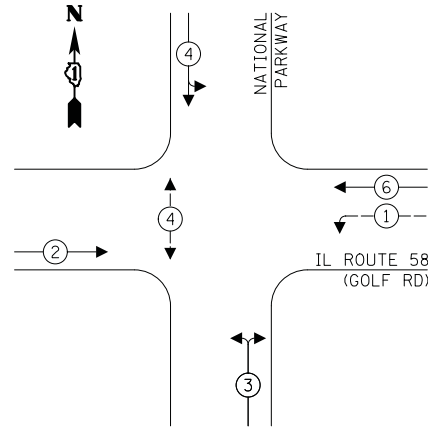
PROPOSED TEMPORARY CONTROLLER SEQUENCE

PRE-STAGE - STAGE 1



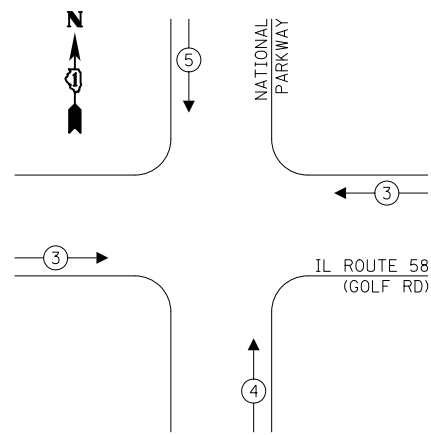
PROPOSED TEMPORARY CONTROLLER SEQUENCE

STAGE 2



PROPOSED TEMPORARY EMERGENCY VEHICLE REEMPTION SEQUENCE

ALL STAGES



LEGEND:

- ← ⊛ → PROTECTED PHASE
- ← ⊛ → PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE
- ← ⊛ OL → OVERLAP

NOTES:

1. THE GREEN AND YELLOW LEFT TURN ARROWS ON THESE SIGNAL HEADS SHALL BE BAGGED AND PHASE 5 DEACTIVATED DURING MOT STAGE 2 (NORTHBOUND NATIONAL PARKWAY DETOUR).
2. THE YELLOW LEFT TURN ARROWS ON THESE SIGNAL HEADS SHALL BE BAGGED AND DEACTIVATED DURING MOT STAGE 2 (NORTHBOUND AND SOUTHBOUND SPLIT PHASE OPERATION).

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

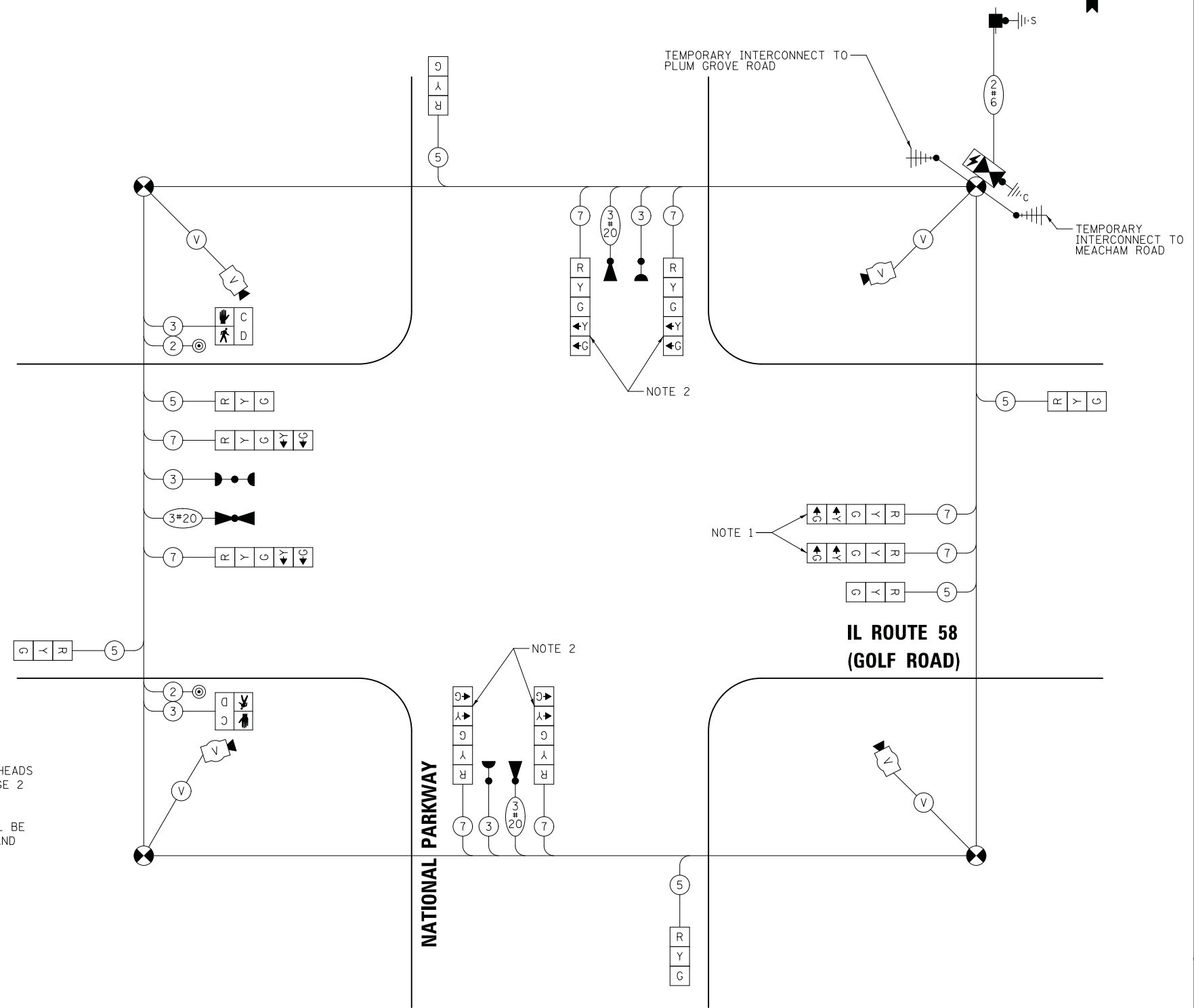
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				347.6

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, IL 60193

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: (866) 639-3532
COMPANY: COMED
ACCOUNT NUMBER: 0245068017

FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
...\\3075.TS11.Temporary Cable Plan.dgn		DRAWN - LEP	REVISED -
		CHECKED - JJE	REVISED -
#MODELNAME#	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -



CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

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

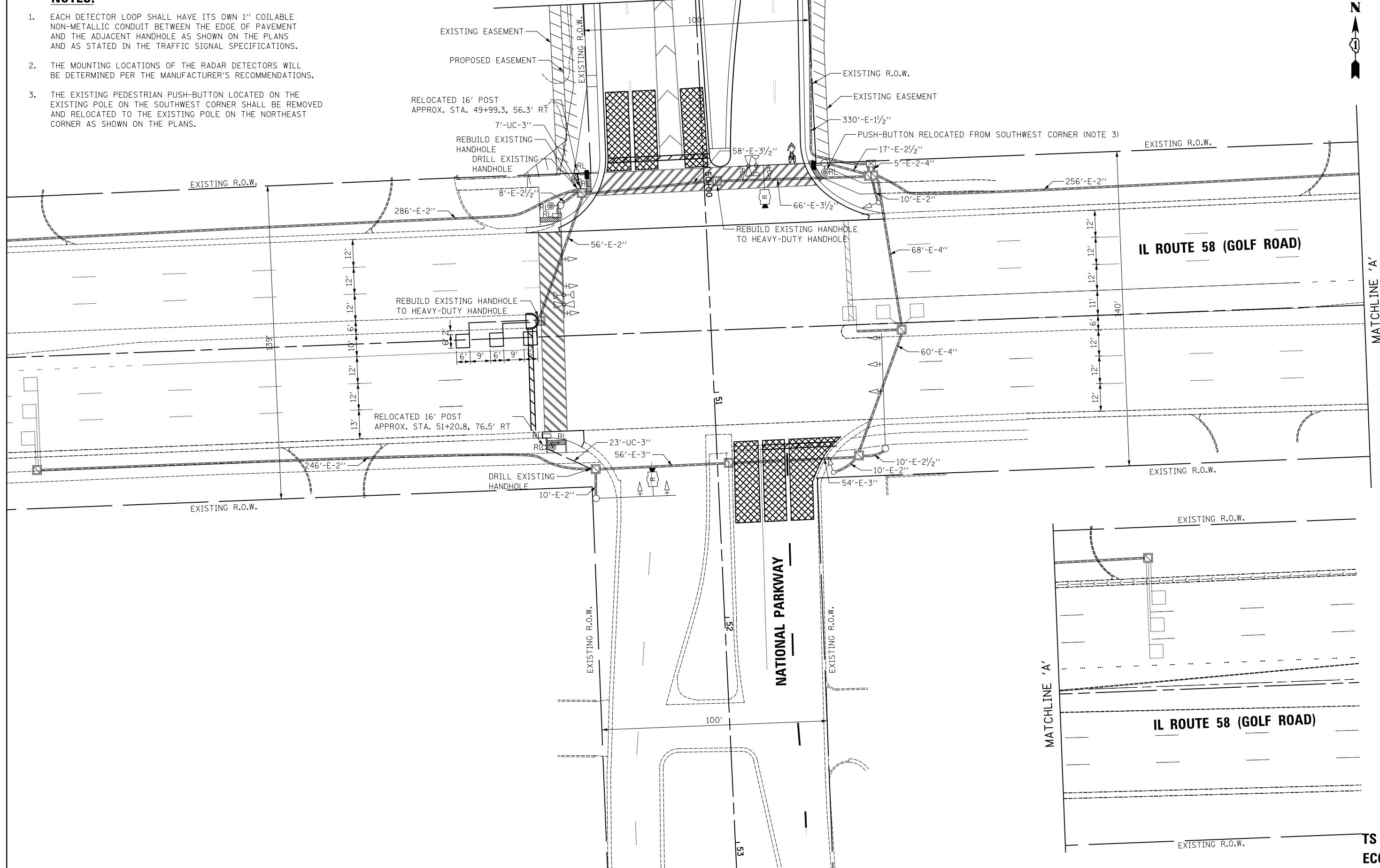
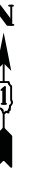
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	163
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

TS 21290
ECON 78

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. THE EXISTING PEDESTRIAN PUSH-BUTTON LOCATED ON THE SOUTHWEST CORNER OF THE EXISTING POLE ON THE SOUTHWEST CORNER SHALL BE REMOVED AND RELOCATED TO THE EXISTING POLE ON THE NORTHEAST CORNER AS SHOWN ON THE PLANS.

MATCHLINE STA. 49+25
SEE SHEET 165



FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
...\\3075.TS12.Proposed Signal Plan Installation Sht 1.dgn		DRAWN - LEP	REVISED -
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	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

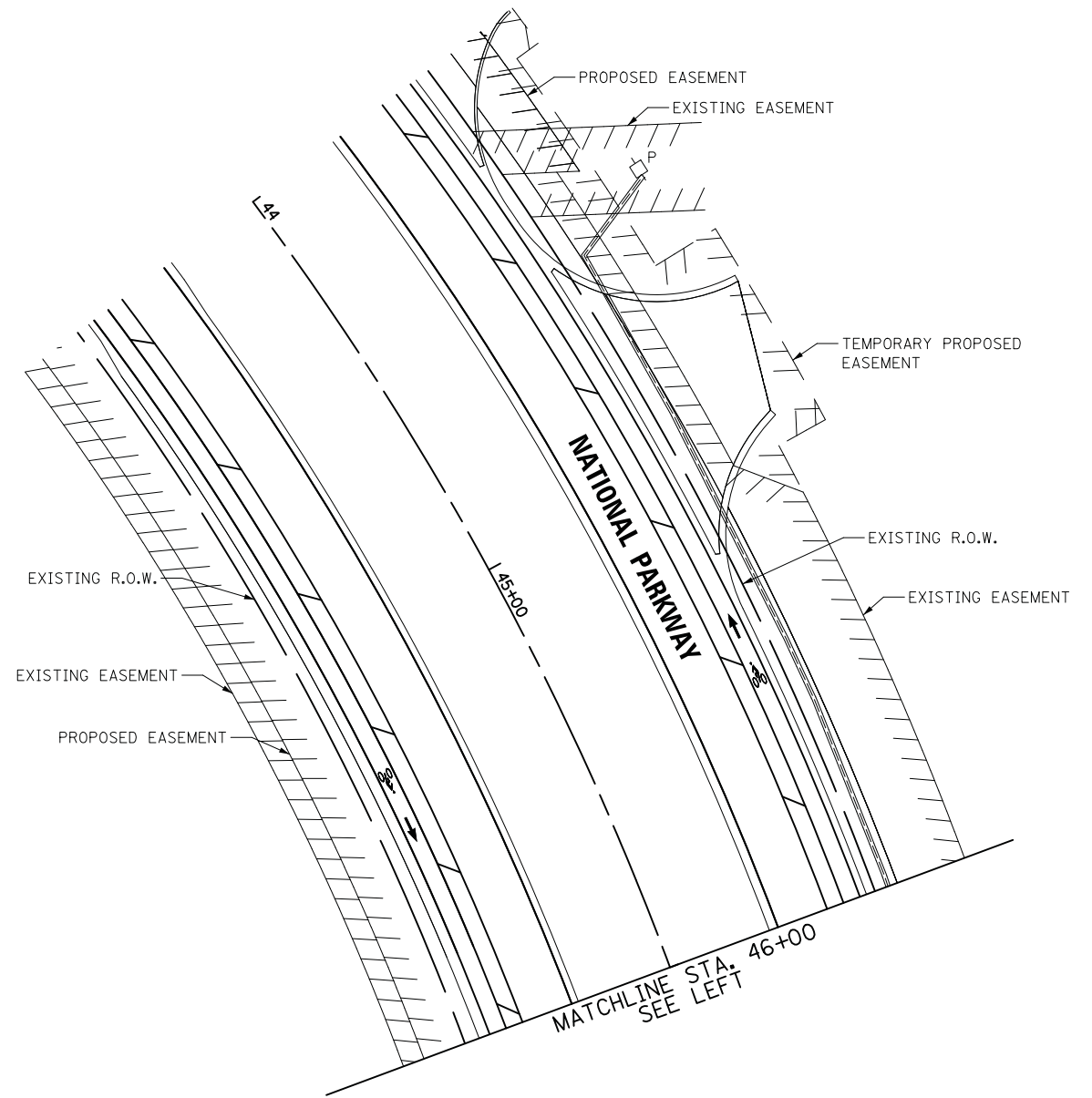
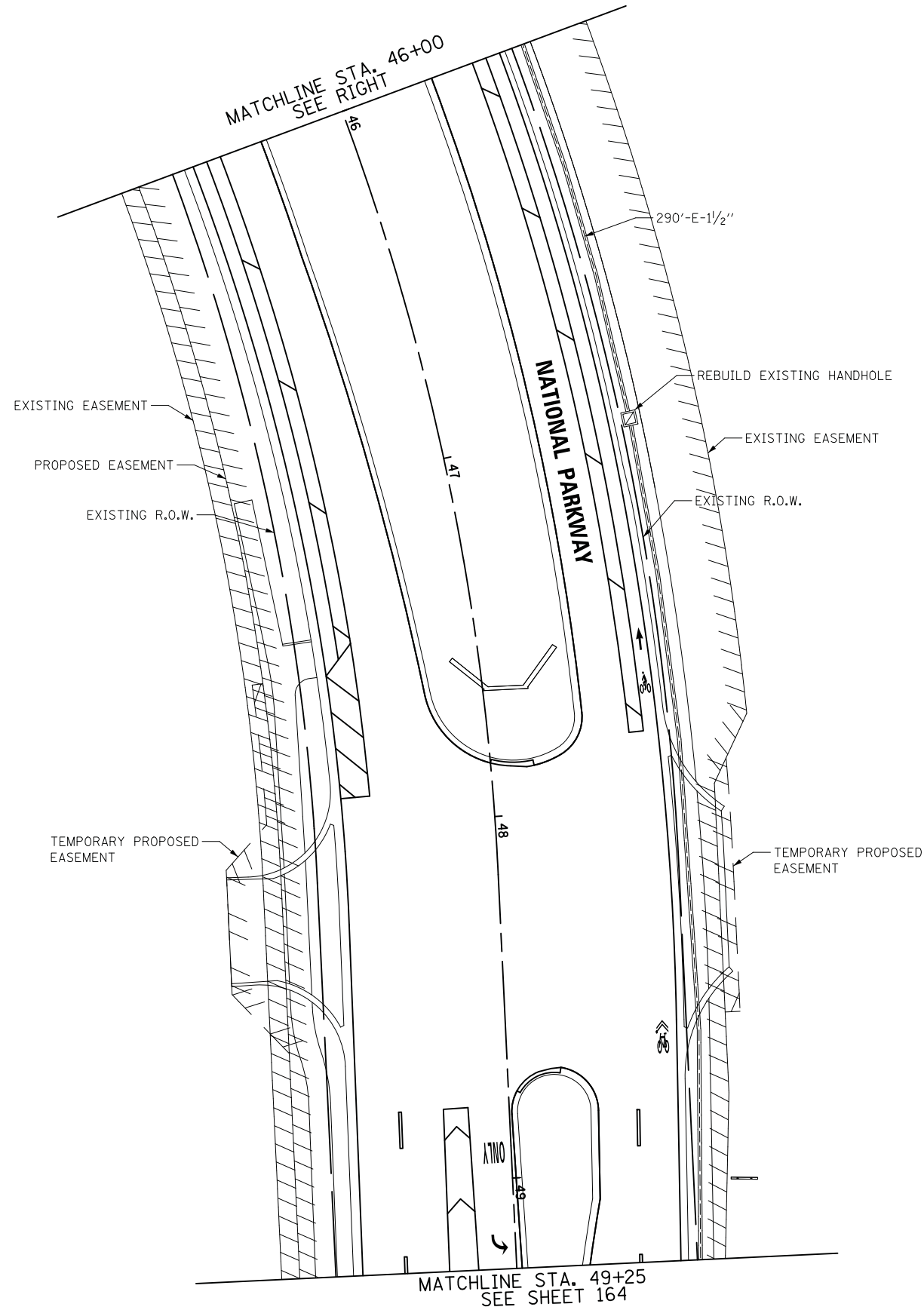
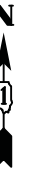
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY**

SCALE: 1" = 20' SHEET 1 OF 2 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	164
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

**TS 21290
ECON 78**



TS 21290
ECON 78

FILE NAME =	USER NAME = jet	DESIGNED - LEP	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

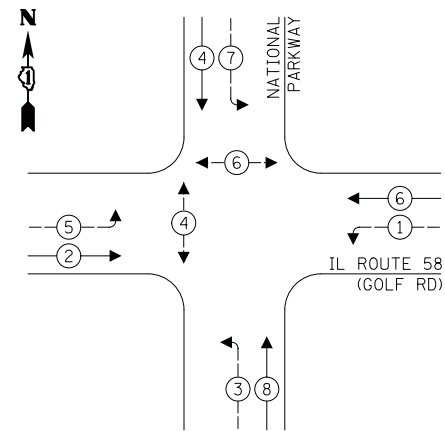
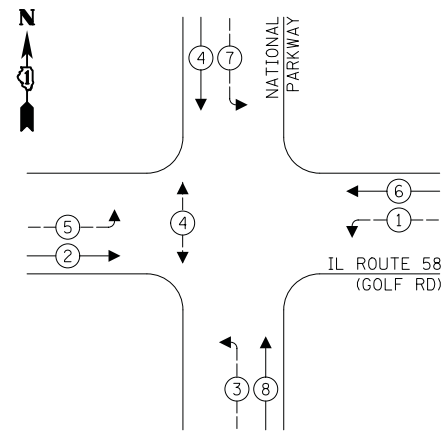
TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

SCALE: 1" = 20' SHEET 2 OF 2 STA. TO STA.

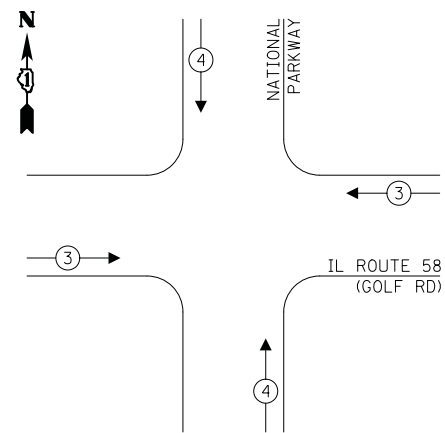
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	165
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE

PROPOSED CONTROLLER SEQUENCE



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← * - - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← OL → OVERLAP

NOTES:

- * "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION" SHALL BE INCLUDED AT THE INTERSECTIONS OF GOLF ROAD/PLUM GROVE ROAD AND GOLF ROAD/MEACHAM ROAD.
- ** "TEMPORARY TRAFFIC SIGNAL TIMING" SHALL BE INCLUDED AT THE INTERSECTIONS OF GOLF ROAD/BASSWOOD ROAD, GOLF ROAD/PLUM GROVE ROAD, GOLF ROAD/MEACHAM ROAD, MEACHAM ROAD/REMINGTON ROAD, AND MEACHAM ROAD/TOWER ROAD WHILE THE NATIONAL PARKWAY DETOUR IS IN OPERATION. SEE DETOUR PLAN FOR MORE INFORMATION.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				387.6

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG
SCHAUMBURG, IL 60193

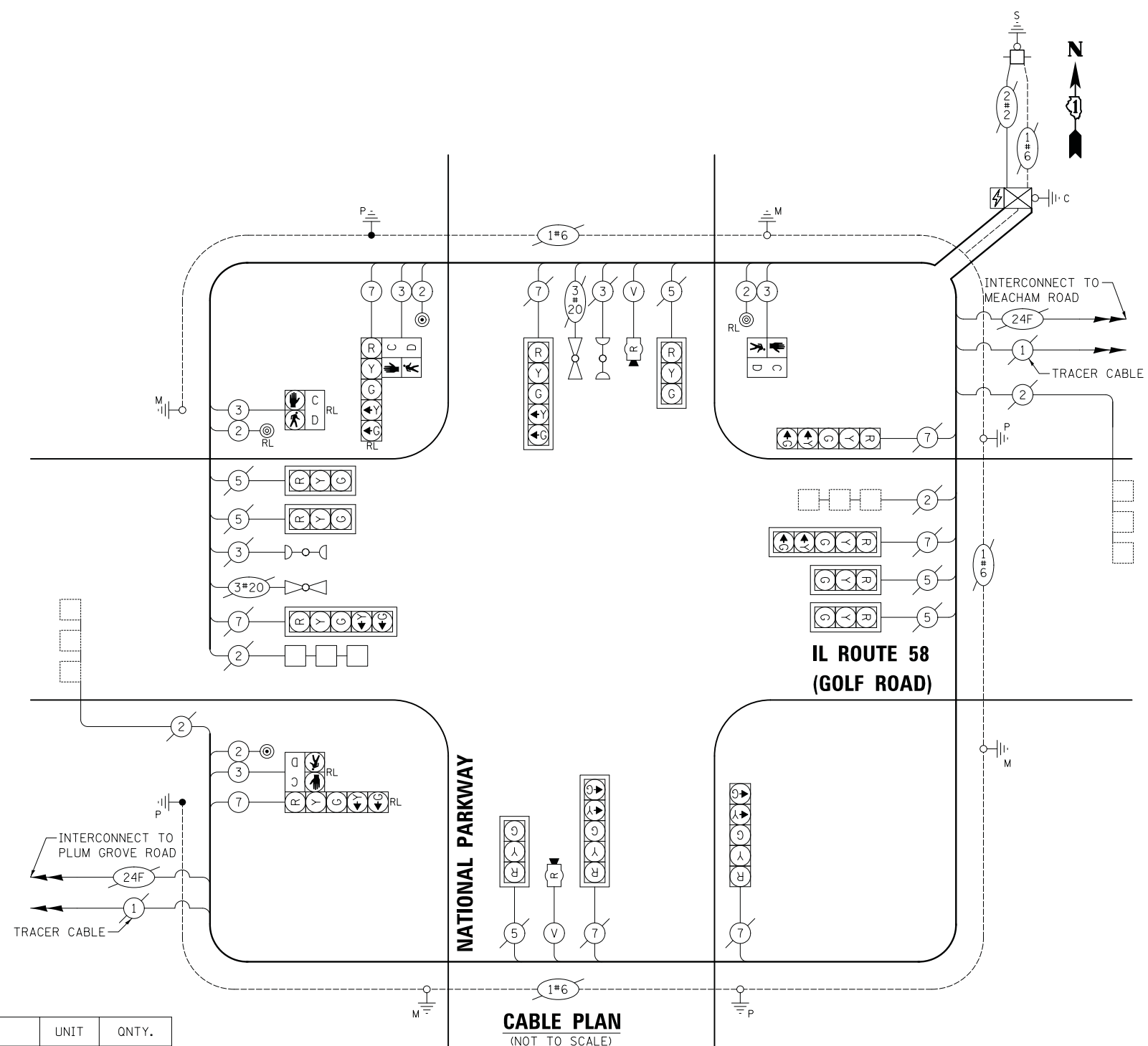
ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: (866) 639-3532
COMPANY: COMED
ACCOUNT NUMBER: 0245068017

SCHEDULE OF QUANTITIES:

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	30
* MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	677
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	755
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	512
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	42
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	78
PEDESTRIAN PUSH-BUTTON	EACH	2
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	2
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2

SCHEDULE OF QUANTITIES (CONT.):

RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2451
REBUILD EXISTING HANDHOLE	EACH	2
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
** TEMPORARY TRAFFIC SIGNAL TIMING	EACH	6



CABLE PLAN
(NOT TO SCALE)

FILE NAME = ...\\3075.TS14-Proposed Cable Plan.dgn
#MODELNAME#

USER NAME = jet
DESIGNED - LEP
DRAWN - LEP
CHECKED - JJE
DATE - 10/05/2018
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 58 (GOLF ROAD) AND NATIONAL PARKWAY

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

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
1103 15-00119-00-PV COOK 277 166
CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT

TS 21290
ECON 78

LEGEND

	EXISTING LIGHTING UNIT 177 WATT LED LUMINAIRE 40 FT ALUMINUM LIGHT POLE, 8 FT MAST ARM (INSTALLED BY PLUM GROVE ROAD PROJECT SECTION 14-00115-01-PV)		PROPOSED LIGHTING CONTROLLER 240/480 VOLT, 100 AMP
	EXISTING LIGHTING UNIT 115 WATT LED LUMINAIRE 35 FT ALUMINUM POLE, 12 FT MAST ARM		PROPOSED UNIT DUCT AS SPECIFIED IN PLANS
	EXISTING LIGHTING UNIT 115 WATT LED LUMINAIRE WITH A MONOTUBE MAST ARM		TEMPORARY LIGHTING UNIT 250 WATT HPS COBRAHEAD 50 FT WOOD POLE (40 FT. MOUNTING HEIGHT) 15 FT MAST ARM
	EXISTING LIGHTING UNIT 400 WATT HPS COBRAHEAD		TEMPORARY LIGHTING CONTROLLER 240/480 VOLT
	EXISTING LIGHTING CABLES		TEMPORARY AERIAL CABLES
	PROPOSED LIGHTING UNIT 177 WATT LED LUMINAIRE, 240V (PHASE TO NEUTRAL) 40 FT ALUMINUM POLE, 8 FT MAST ARM		TEMPORARY WOOD POLE, 40 FT., CLASS 4
			REMOVAL OF EXISTING CABLES
			EXISTING LIGHTING UNIT TO BE REMOVED

LIGHTING GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING AND TEMPORARY LIGHTING WILL REMAIN OPERATIONAL UNTIL THE PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISTING AND TEMPORARY TO PROPOSED LIGHTING SYSTEM WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS FOR ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- LIGHT POLE FOUNDATION TYPE WILL BE METAL UNLESS OTHERWISE SPECIFIED IN THE PLANS. FOUNDATION TYPE IS BASED ON KNOWN UTILITY INFORMATION. OFFSET FOUNDATION LOCATIONS WERE BASED ON ATLAS AND PHYSICAL STRUCTURES FOR LOCATION OF UTILITIES. WHERE POSSIBLE, OFFSET FOUNDATIONS SHOULD BE REPLACED WITH METAL FOUNDATIONS. FOUNDATION TYPE SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. CONTRACTOR WILL BE PAID FOR THE FOUNDATION TYPE INSTALLED WITH NO ADDITIONAL COMPENSATION FOR CHANGE FROM CONTRACT PLAN.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- FOR ALL CONCRETE FOUNDATIONS, A MINIMUM OF 2 SLEEVES SHALL BE PROVIDED REGARDLESS OF WHAT IS BEING INSTALLED. THE SLEEVES SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, OTHER UTILITIES, AND LANDSCAPING. PREFERRED LOCATION OF UNIT DUCT IS 12 INCHES OFF PROPOSED BACK OF CURB AND IN NO CASE SHALL IT BE CLOSER THEN 12 INCHES. LOCATIONS GREATER THEN 12 INCHES BASED ON FIELD CONDITIONS WILL BE APPROVED BY THE ENGINEER.
- WHEN SPLICING TO EXISTING POLE, ANY AND ALL WORK REQUIRED TO RUN THE PROPOSED UNIT DUCT INTO EXISTING FOUNDATION SLEEVE AND SPLICING IN EXISTING POLE SHALL BE COVERED AND INCLUDED IN THE PAY ITEM FOR THE UNIT DUCT.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
- NO UNDERGROUND SPLICING ALLOWED.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
- OFFSET CALL-OFFS FOR TEMPORARY LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED CONSTRUCTION BASELINE. OFFSETS CALL-OFFS FOR PROPOSED LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED EDGE OF PAVEMENT (E.O.P.)

LIGHTING SCHEDULE OF QUANTITIES

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	70
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2060
81603085	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYEHTYLENE	FOOT	8732
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	80
81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	4681
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100 AMP	EACH	1
83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	41
83008128	LIGHT POLE, ALUMINUM, 40 FT. M.H., 2-8 FT. MAST ARM	EACH	1
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	39
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	45
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	26
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	33
84200804	REMOVAL OF POLE FOUNDATION	EACH	35
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	19926
89502380	REMOVE EXISTING HANDHOLE	EACH	10
X0323003	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1
X0326760	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1
X0327349	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	15
X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	12
X8210005	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	12
X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	1
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	48
X8360356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6' (MATERIAL ONLY)	EACH	3
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	10
XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	43
	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM (MATERIAL ONLY)	EACH	3
	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE (MATERIAL ONLY)	EACH	3
	LUMINAIRE, TYPE 1 (MATERIAL ONLY)	EACH	3

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
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NOTE BOOK	PLOTTED	
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		DRAWN - SJC	REVISED -
		CHECKED - DNM	REVISED -
		DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING LEGEND, GENERAL NOTES, AND BILL OF MATERIAL**

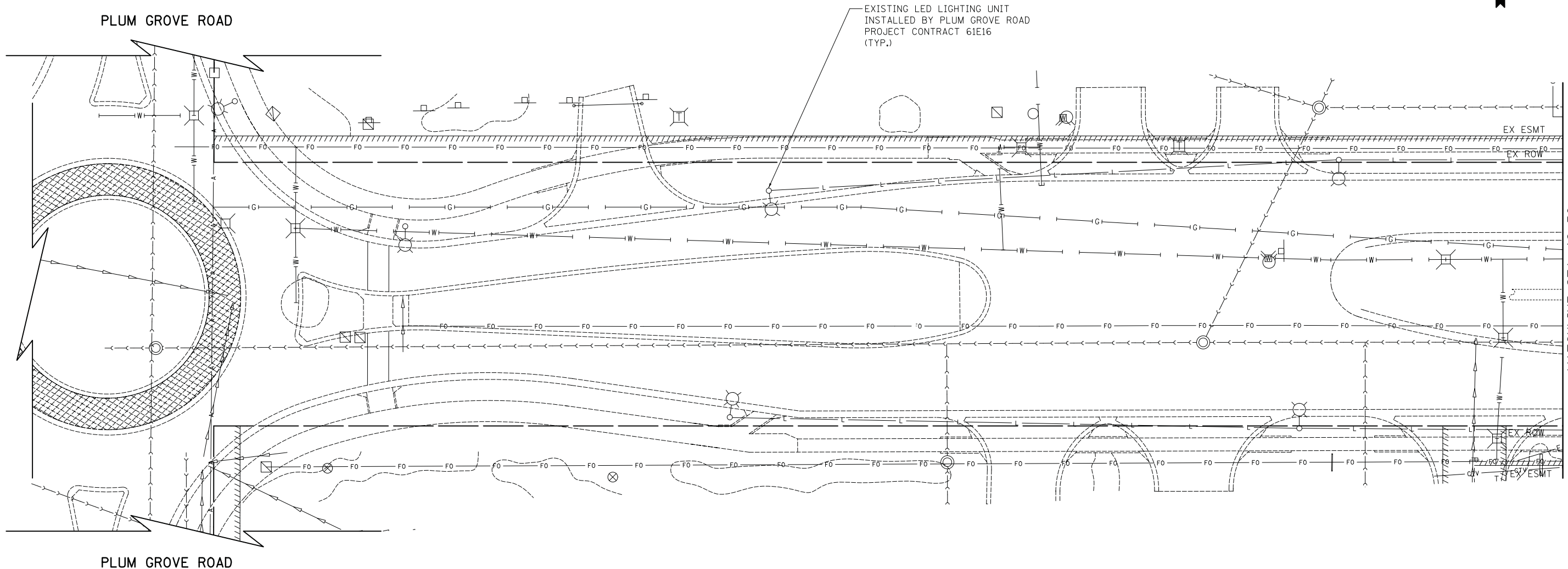
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	167
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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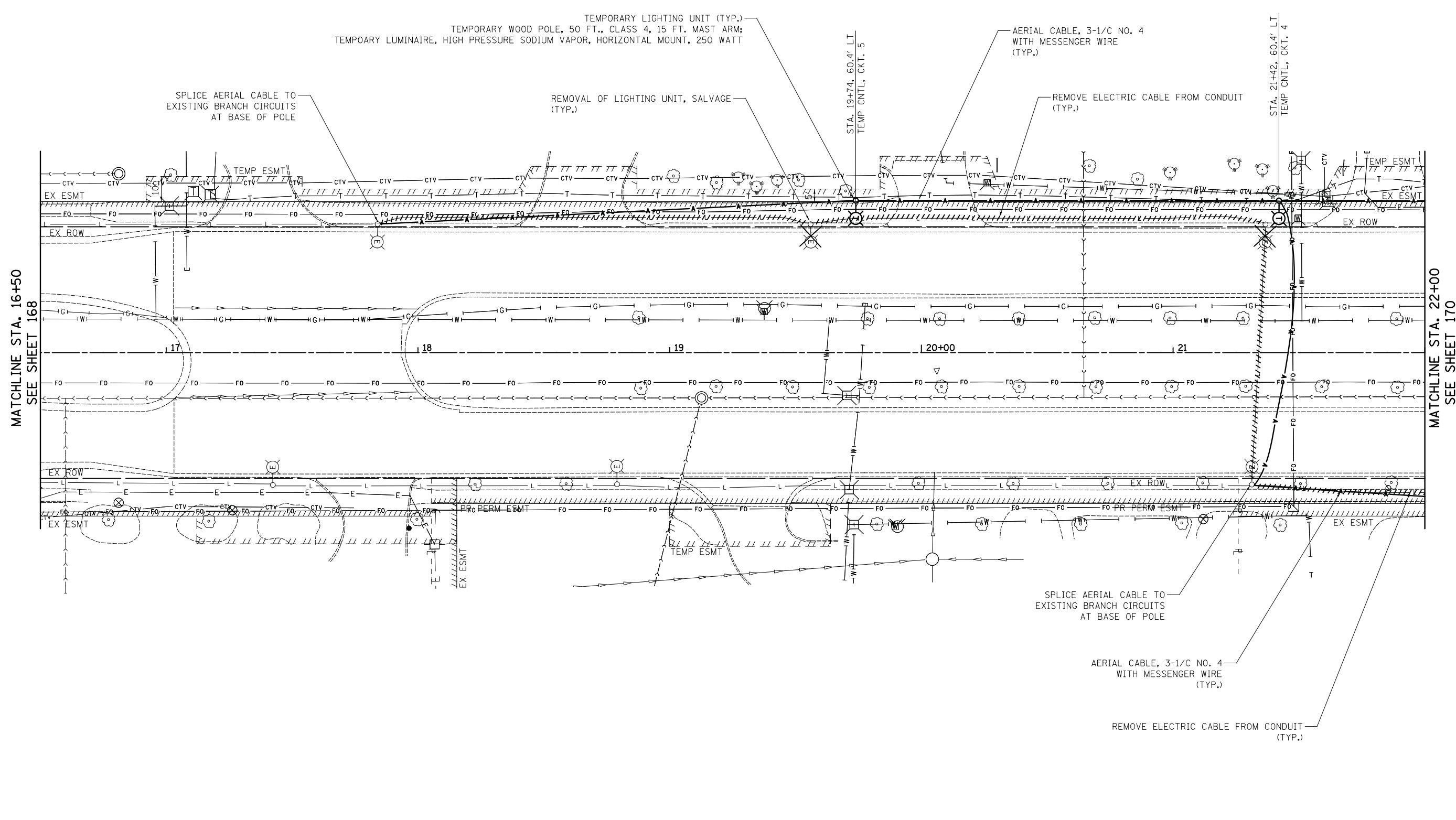
STATE PARKWAY



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\$MODELNAME\$	PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -			SCALE: 1" = 20'	SHEET 1 OF 10 SHEETS	STA. 11+00	TO STA. 16+50	CONTRACT NO. 61F00		
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIS CHFD	
	NO.	



MATCHLINE STA. 16+50
SEE SHEET 168

MATCHLINE STA. 22+00
SEE SHEET 170

SPLICE AERIAL CABLE TO EXISTING BRANCH CIRCUITS AT BASE OF POLE

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

REMOVE ELECTRIC CABLE FROM CONDUIT (TYP.)

STATE PARKWAY



FILE NAME = ...\\3075.03 Temp LT03.dgn

MODELNAME\$

USER NAME = jet

PLOT SCALE = 20.0000' / in.

PLOT DATE = 11/2/2018

DESIGNED - SJC

DRAWN - SJC

CHECKED - DNM

DATE - 10/05/2018

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

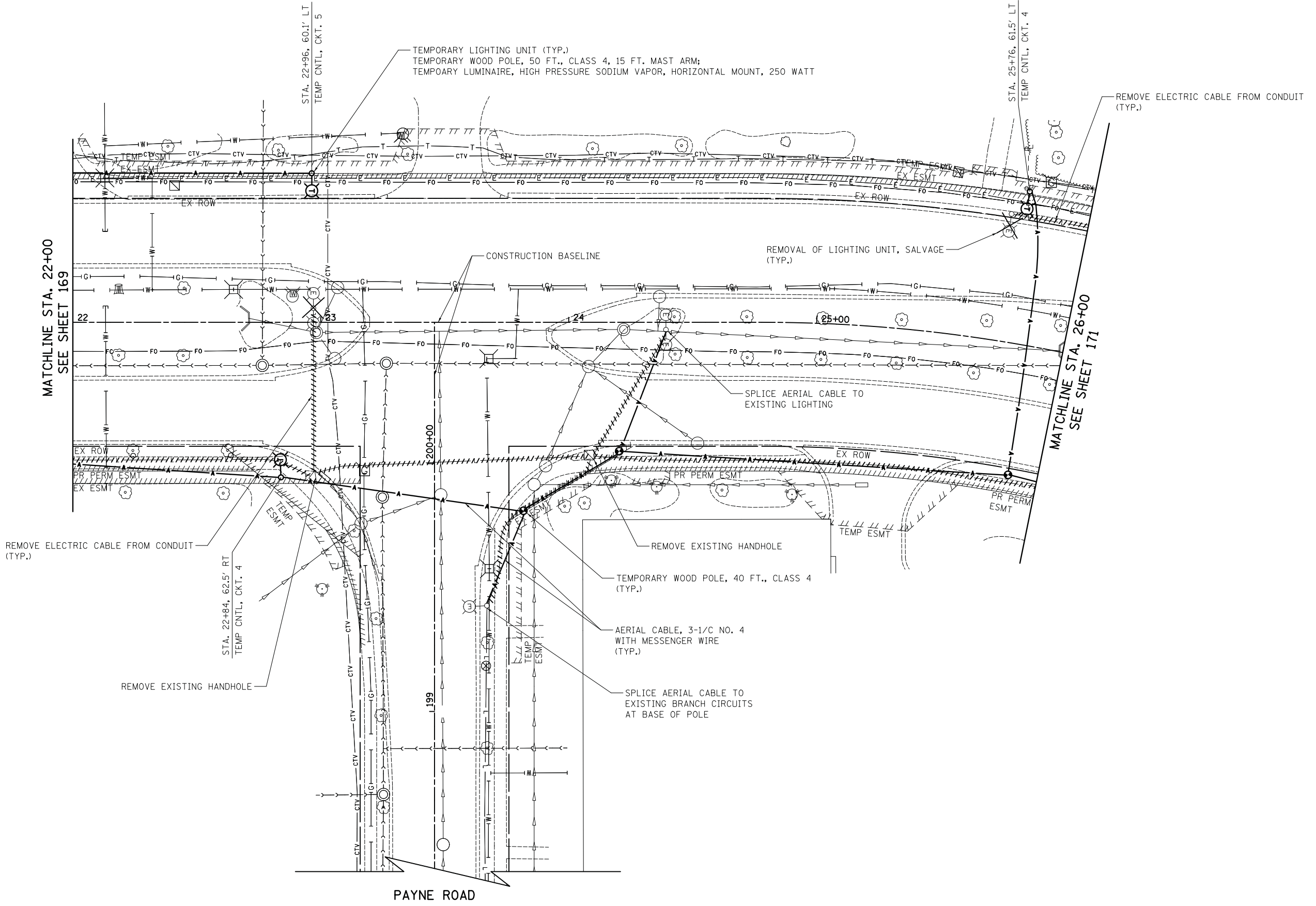
STATE AND NATIONAL PARKWAY IMPROVEMENTS
TEMPORARY LIGHTING PLANS - STATE PARKWAY

SCALE: 1" = 20' SHEET 2 OF 10 SHEETS STA. 16+50 TO STA. 22+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	169
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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STATE PARKWAY



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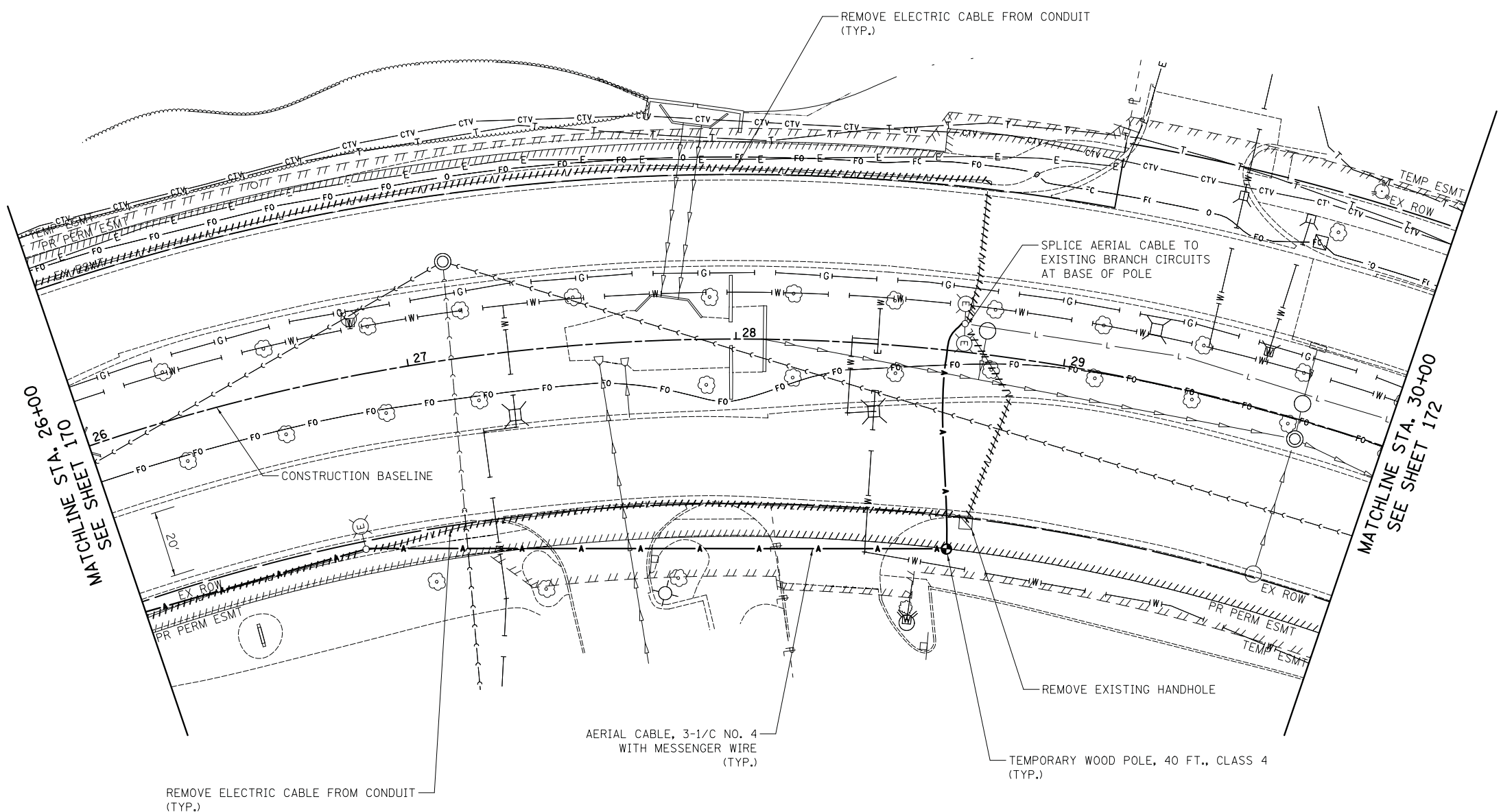
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 TEMPORARY LIGHTING PLANS - STATE PARKWAY**
 SCALE: 1" = 20' SHEET 3 OF 10 SHEETS STA. 22+00 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	170
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

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STATE PARKWAY



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 PLOT DATE = 10/31/2018

DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 10/05/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

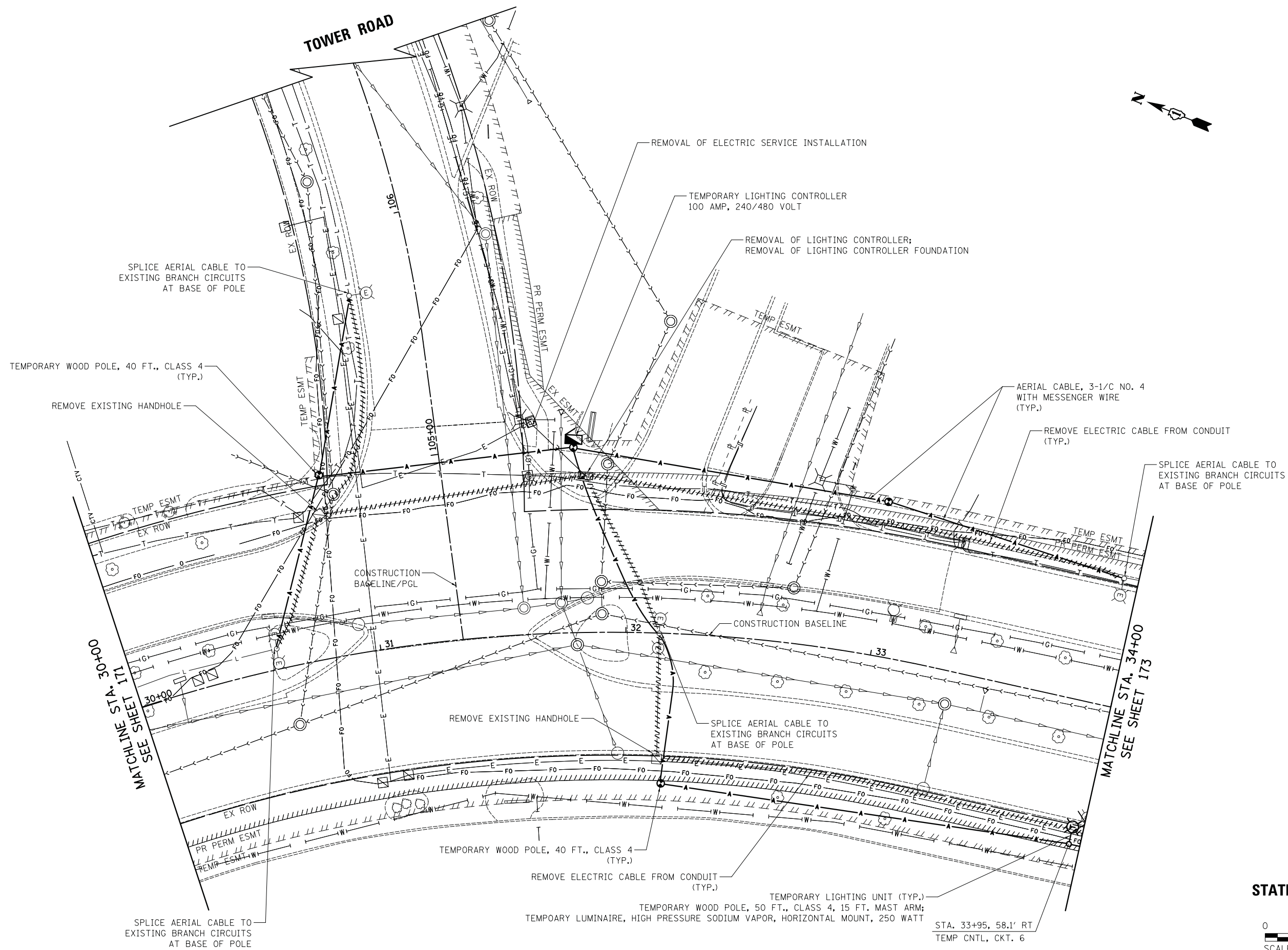
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 TEMPORARY LIGHTING PLANS - STATE PARKWAY**

SCALE: 1" = 20' SHEET 4 OF 10 SHEETS STA. 26+00 TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	171
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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STATE / NATIONAL PARKWAY



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PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
TEMPORARY LIGHTING PLANS - STATE / NATIONAL PARKWAY

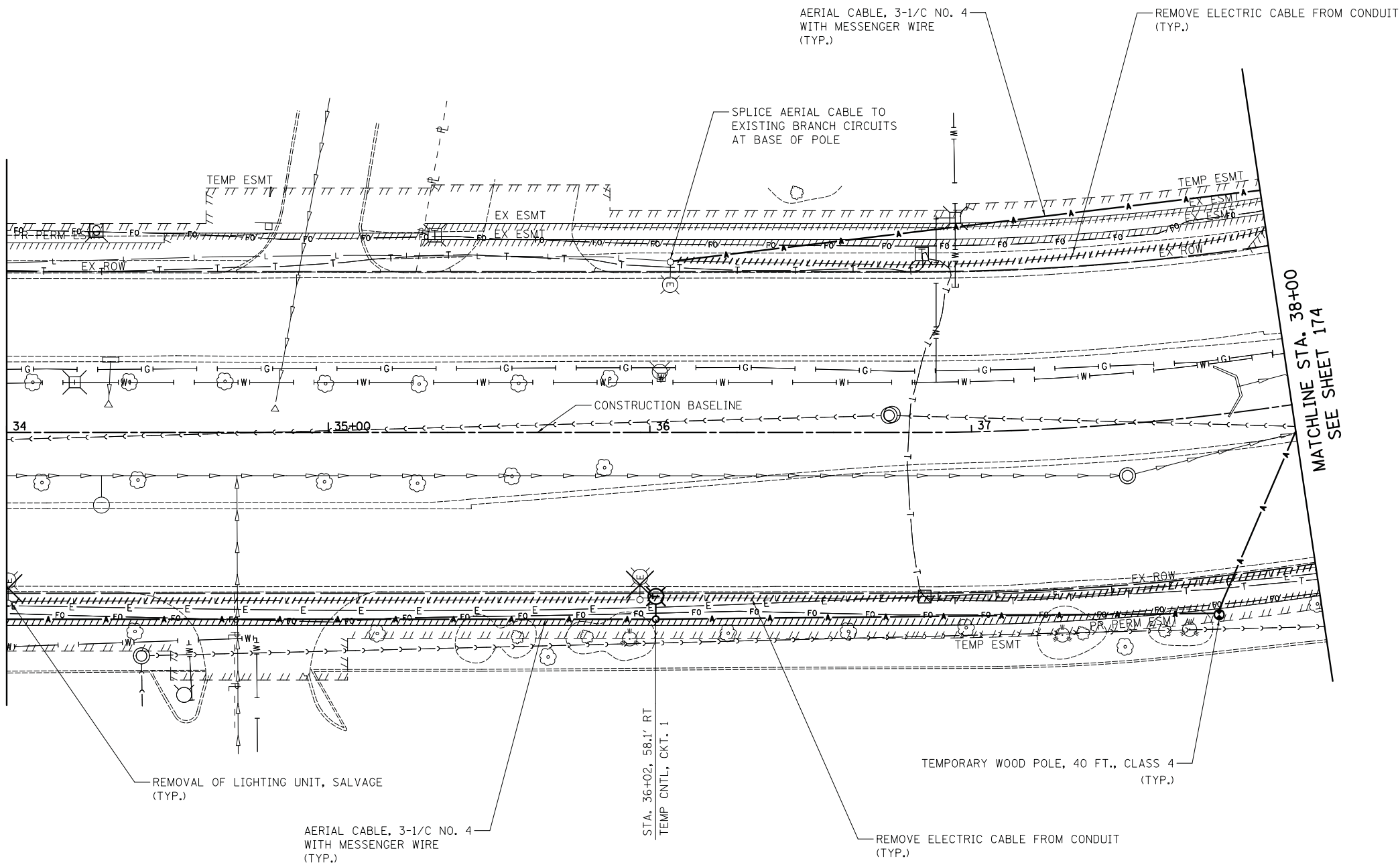
SCALE: 1" = 20' SHEET 5 OF 10 SHEETS STA. 30+00 TO STA. 34+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	172
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

MATCHLINE STA. 34+00
SEE SHEET 172



MATCHLINE STA. 38+00
SEE SHEET 174

NATIONAL PARKWAY



FILE NAME = ...\\3075..07 Temp LT07.dgn
\$MODELNAME\$

USER NAME = jet
PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

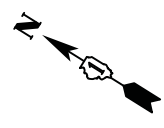
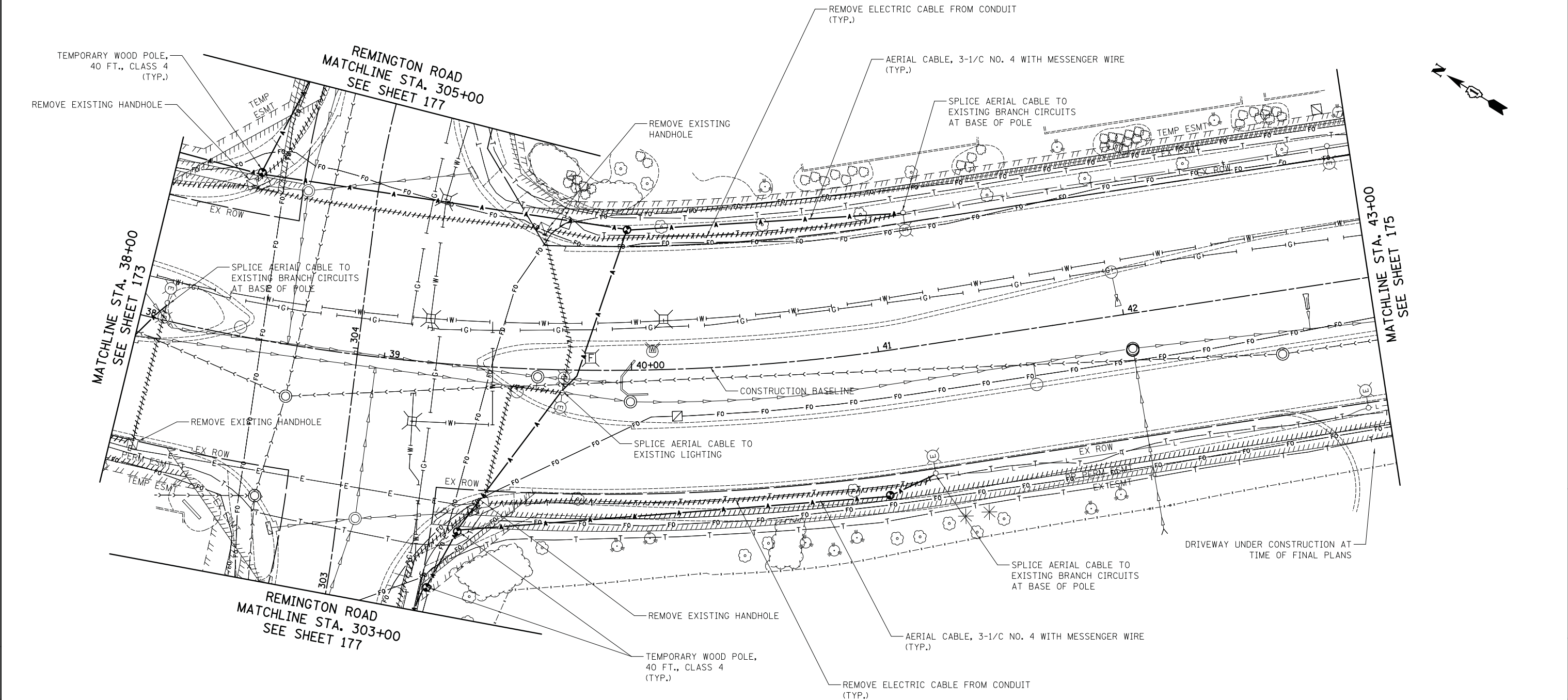
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
TEMPORARY LIGHTING PLANS - NATIONAL PARKWAY**

SCALE: 1" = 20' SHEET 6 OF 10 SHEETS STA. 34+00 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	173
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
	NOTATIS CHFD	
	NO.	



NATIONAL PARKWAY



FILE NAME =
...\\3075..08 Temp LT08.dgn

USER NAME = jet
PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
REVISED -
REVISED -
REVISED -

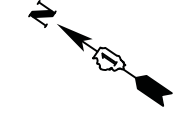
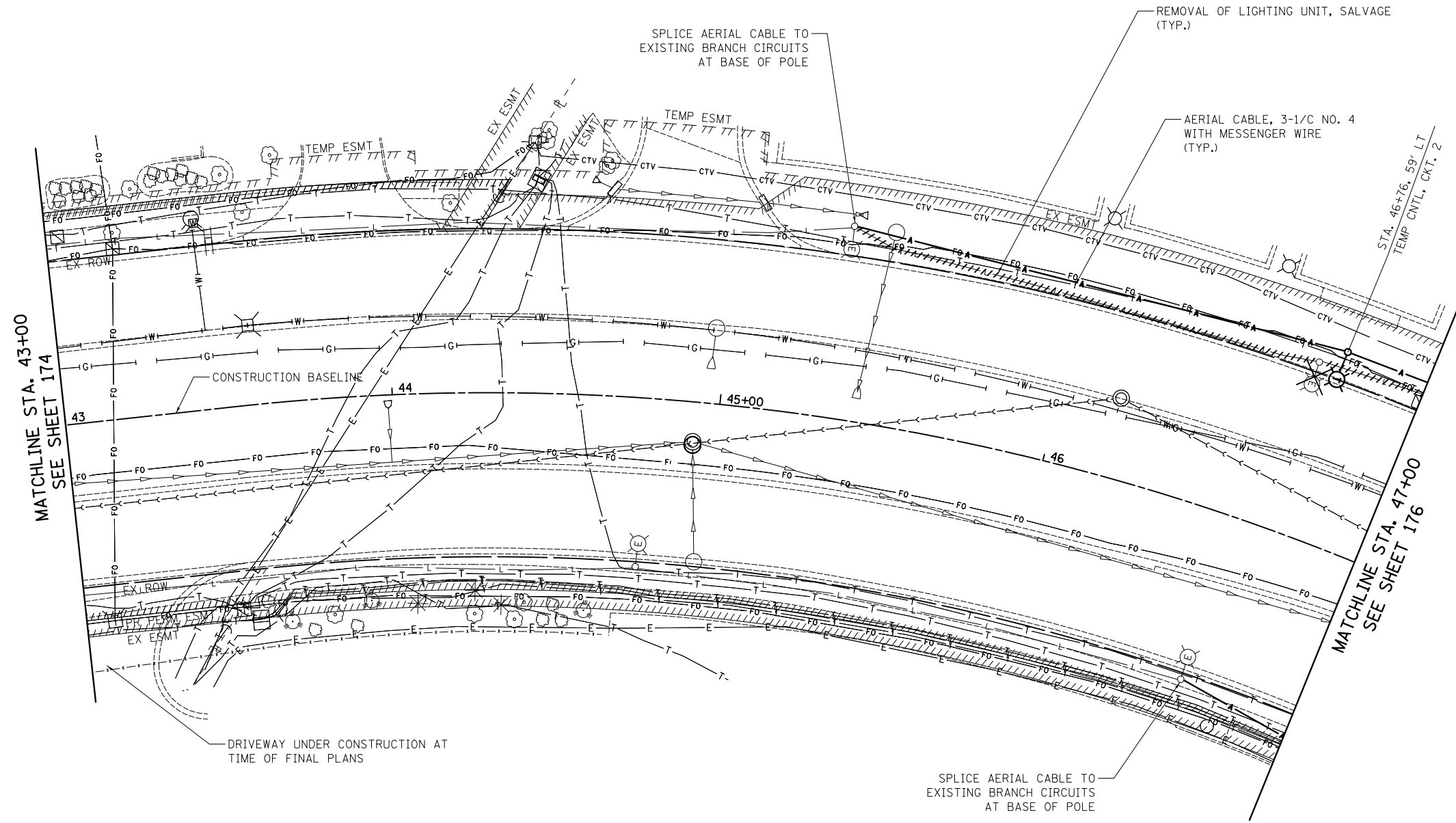
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
TEMPORARY LIGHTING PLANS - NATIONAL PARKWAY**
SCALE: 1" = 20' SHEET 7 OF 10 SHEETS STA. 38+00 TO STA. 43+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	174
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIS	
	CHKD	
	NO.	



NATIONAL PARKWAY



FILE NAME =
 ...\\3075...09 Temp LT09.dgn
 \$MODELNAME\$

USER NAME = jet
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/31/2018

DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 10/05/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

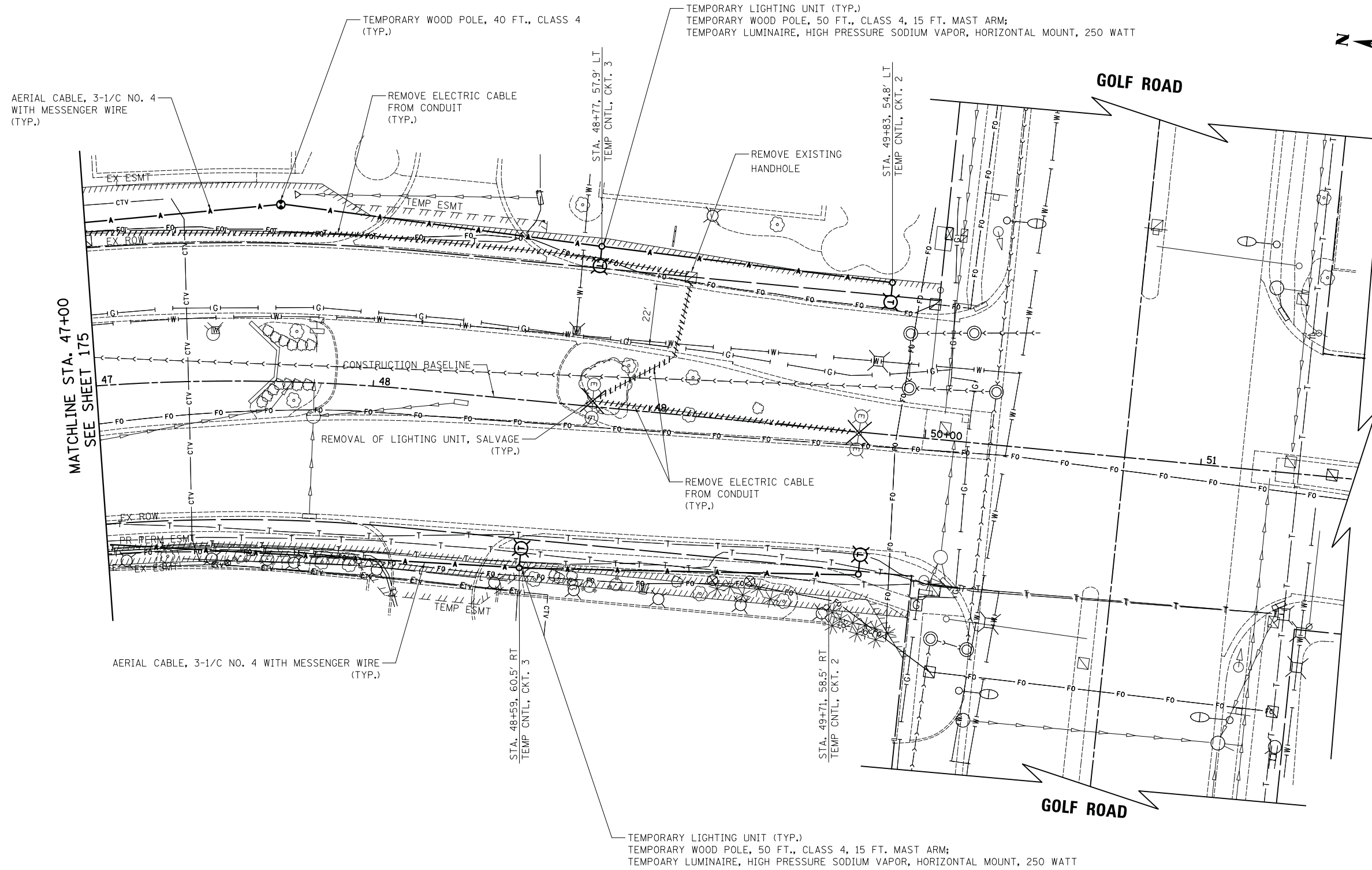
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 TEMPORARY LIGHTING PLANS - NATIONAL PARKWAY**
 SCALE: 1" = 20' SHEET 8 OF 10 SHEETS STA. 43+00 TO STA. 47+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	175
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



NATIONAL PARKWAY



FILE NAME = ...\\3075.10 Temp LT10.dgn
 \$MODELNAME\$

USER NAME = jet
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/31/2018

DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 10/05/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

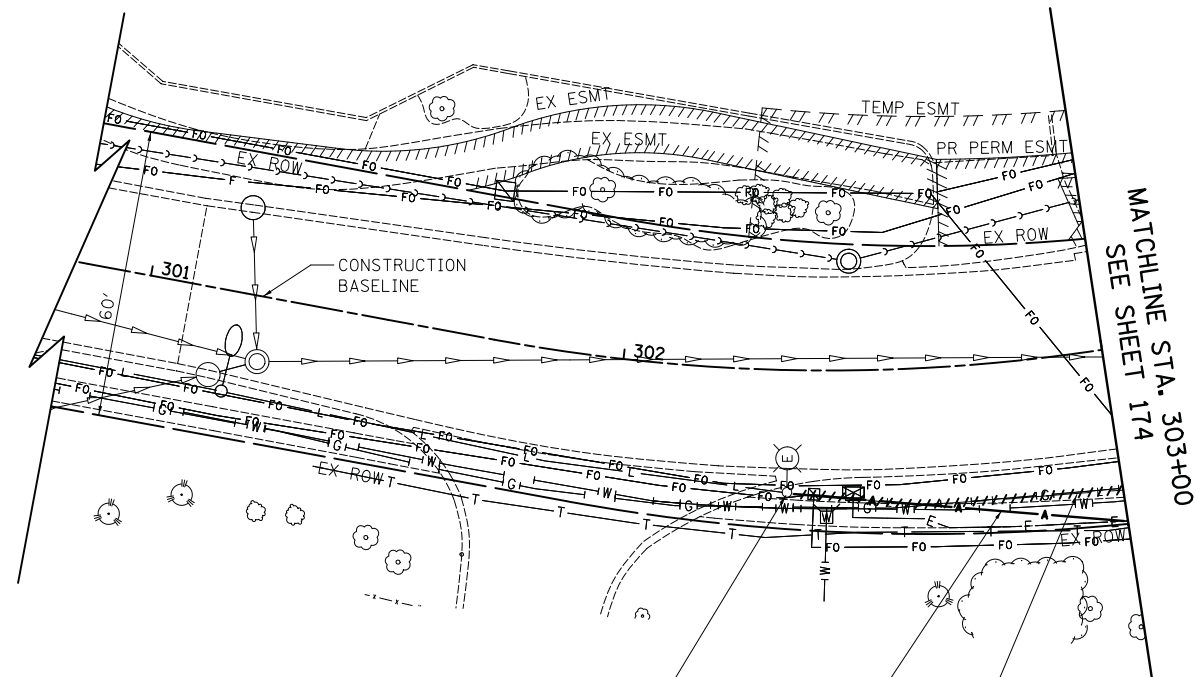
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 TEMPORARY LIGHTING PLANS - NATIONAL PARKWAY**

SCALE: 1" = 20' SHEET 9 OF 10 SHEETS STA. 47+00 TO STA. 51+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	176
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CARD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

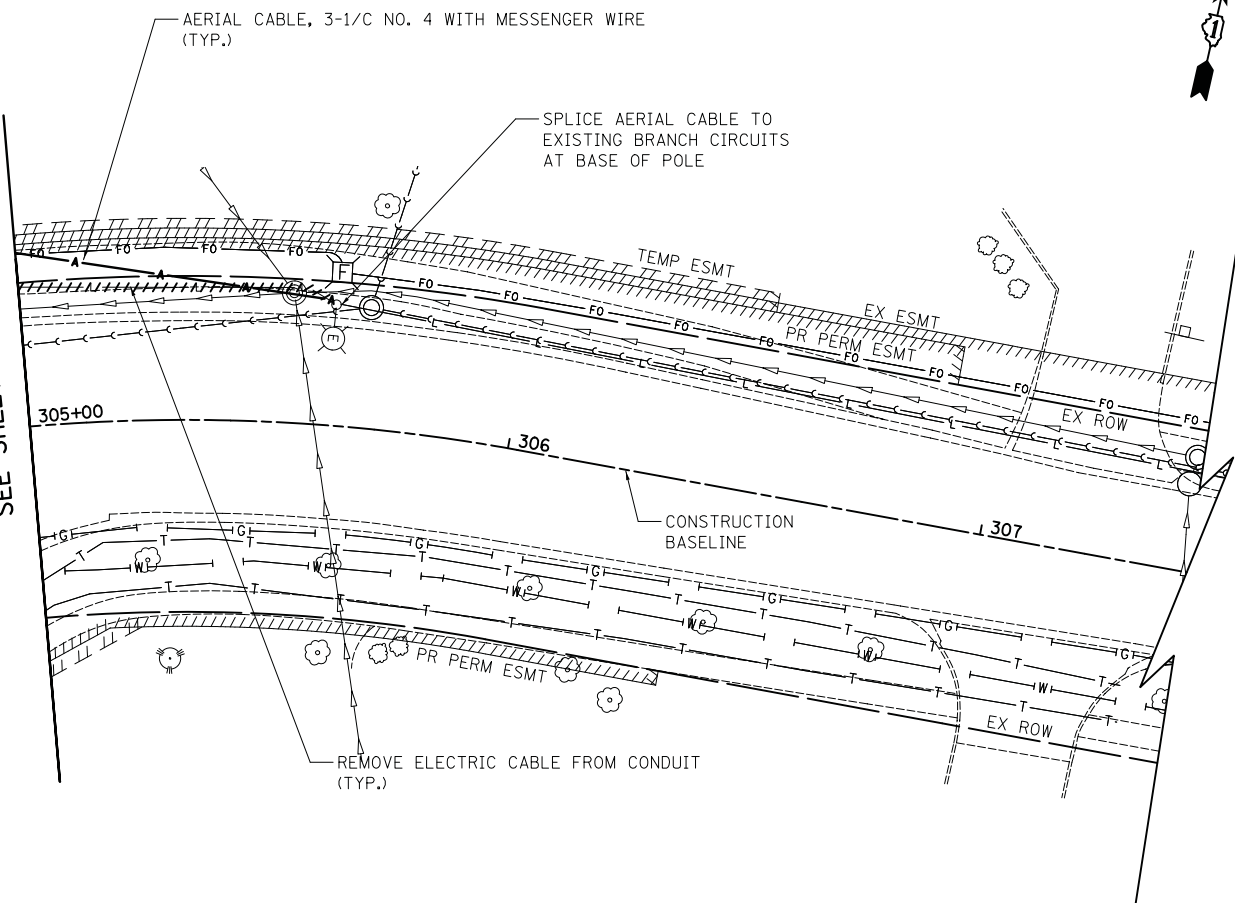


SPLICE AERIAL CABLE TO EXISTING BRANCH CIRCUITS AT BASE OF POLE

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

REMOVE ELECTRIC CABLE FROM CONDUIT (TYP.)

MATCHLINE STA. 305+00
SEE SHEET 174



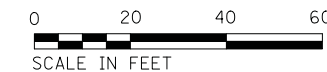
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

SPLICE AERIAL CABLE TO EXISTING BRANCH CIRCUITS AT BASE OF POLE

REMOVE ELECTRIC CABLE FROM CONDUIT (TYP.)



REMINGTON ROAD



FILE NAME =	USER NAME = jet	DESIGNED - SJC	REVISED -
...\\3075-11 Temp.LT11.dgn		DRAWN - SJC	REVISED -
\$MODELNAME\$		CHECKED - DNM	REVISED -
		DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

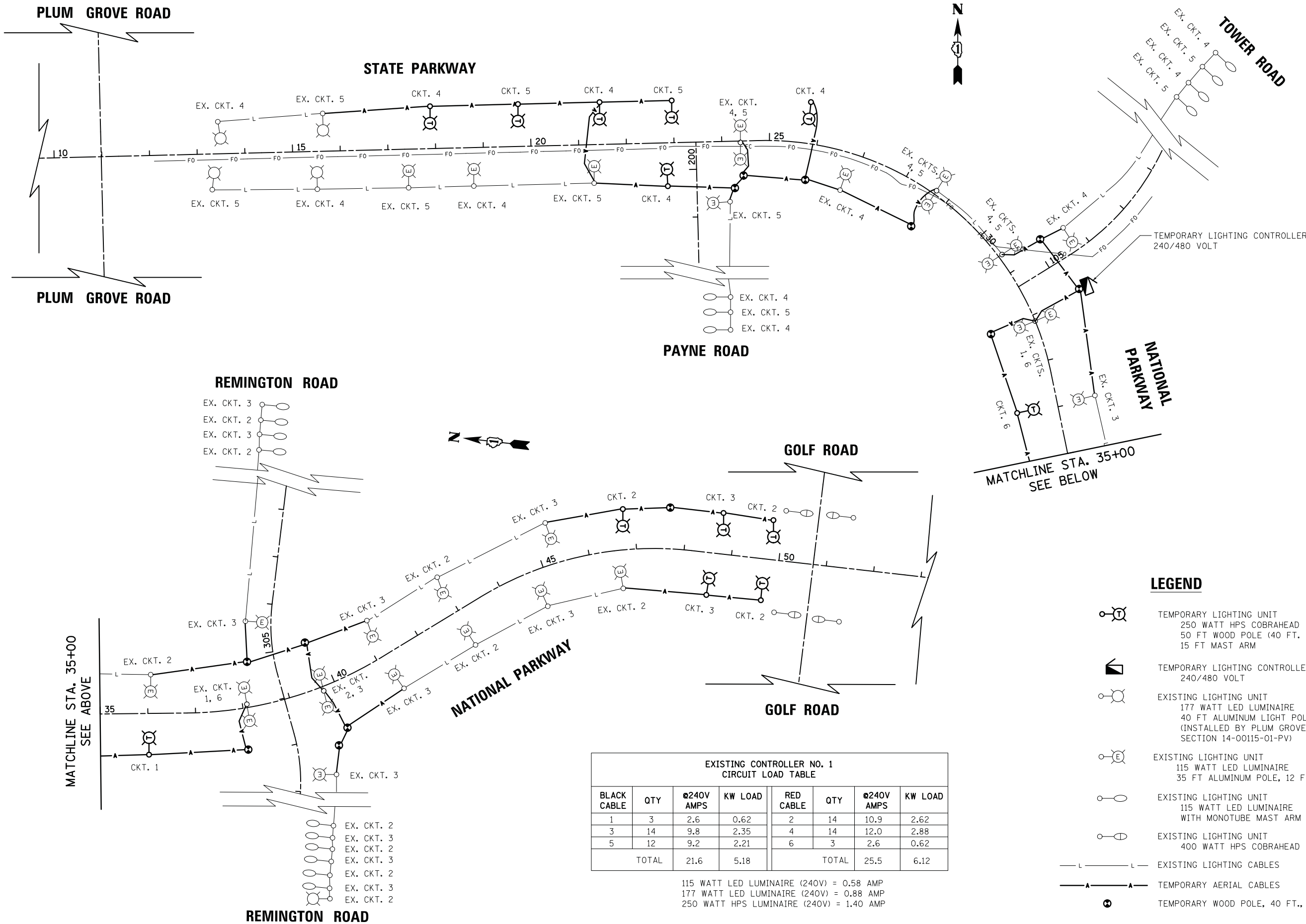
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
TEMPORARY LIGHTING PLANS - REMINGTON ROAD**

SCALE: 1" = 20' SHEET 10 OF 10 SHEETS STA. 301+00 TO STA. 307+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	177
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	



**EXISTING CONTROLLER NO. 1
CIRCUIT LOAD TABLE**

BLACK CABLE	QTY	@240V AMPS	KW LOAD	RED CABLE	QTY	@240V AMPS	KW LOAD
1	3	2.6	0.62	2	14	10.9	2.62
3	14	9.8	2.35	4	14	12.0	2.88
5	12	9.2	2.21	6	3	2.6	0.62
TOTAL		21.6	5.18	TOTAL		25.5	6.12

115 WATT LED LUMINAIRE (240V) = 0.58 AMP
177 WATT LED LUMINAIRE (240V) = 0.88 AMP
250 WATT HPS LUMINAIRE (240V) = 1.40 AMP

LEGEND

- TEMPORARY LIGHTING UNIT
250 WATT HPS COBRAHEAD
50 FT WOOD POLE (40 FT. MOUNTING HEIGHT)
15 FT MAST ARM
- TEMPORARY LIGHTING CONTROLLER
240/480 VOLT
- EXISTING LIGHTING UNIT
177 WATT LED LUMINAIRE
40 FT ALUMINUM LIGHT POLE, 8 FT MAST ARM
(INSTALLED BY PLUM GROVE ROAD PROJECT SECTION 14-00115-01-PV)
- EXISTING LIGHTING UNIT
115 WATT LED LUMINAIRE
35 FT ALUMINUM POLE, 12 FT MAST ARM
- EXISTING LIGHTING UNIT
115 WATT LED LUMINAIRE
WITH MONOTUBE MAST ARM
- EXISTING LIGHTING UNIT
400 WATT HPS COBRAHEAD
- EXISTING LIGHTING CABLES
- TEMPORARY AERIAL CABLES
- TEMPORARY WOOD POLE, 40 FT., CLASS 4

FILE NAME =	USER NAME = jet	DESIGNED - SJC	REVISED -
...\\3075.12 Temp LT12 Wire Diag.dgn		DRAWN - SJC	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - DNM	REVISED -
\$MODELNAME\$	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

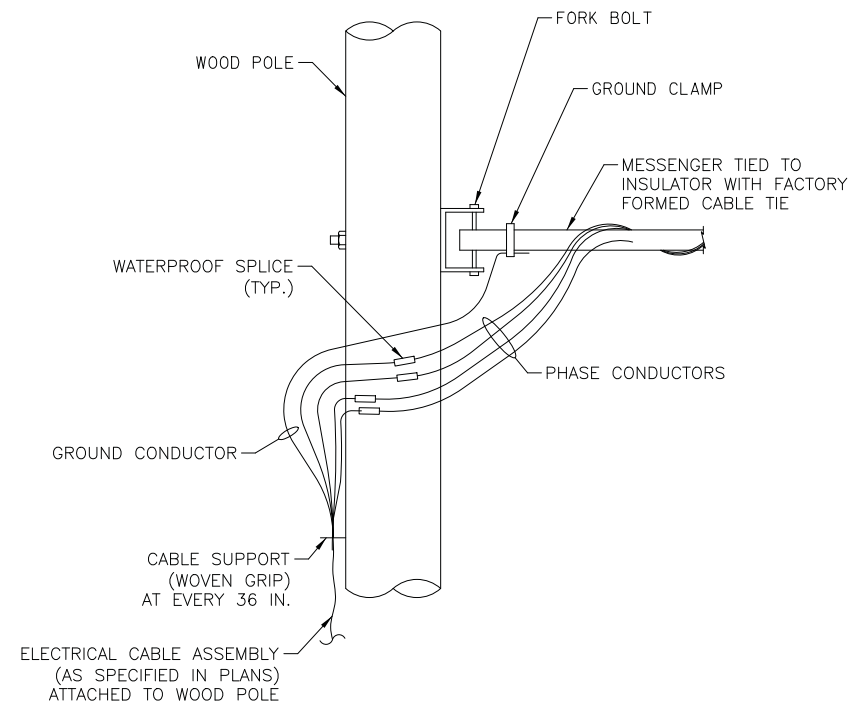
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE AND NATIONAL PARKWAY IMPROVEMENTS	
LIGHTING PLANS - TEMPORARY WIRING DIAGRAM	
SCALE: NTS	SHEET 1 OF 1 SHEETS
STA. 10+00	TO STA. 50+00

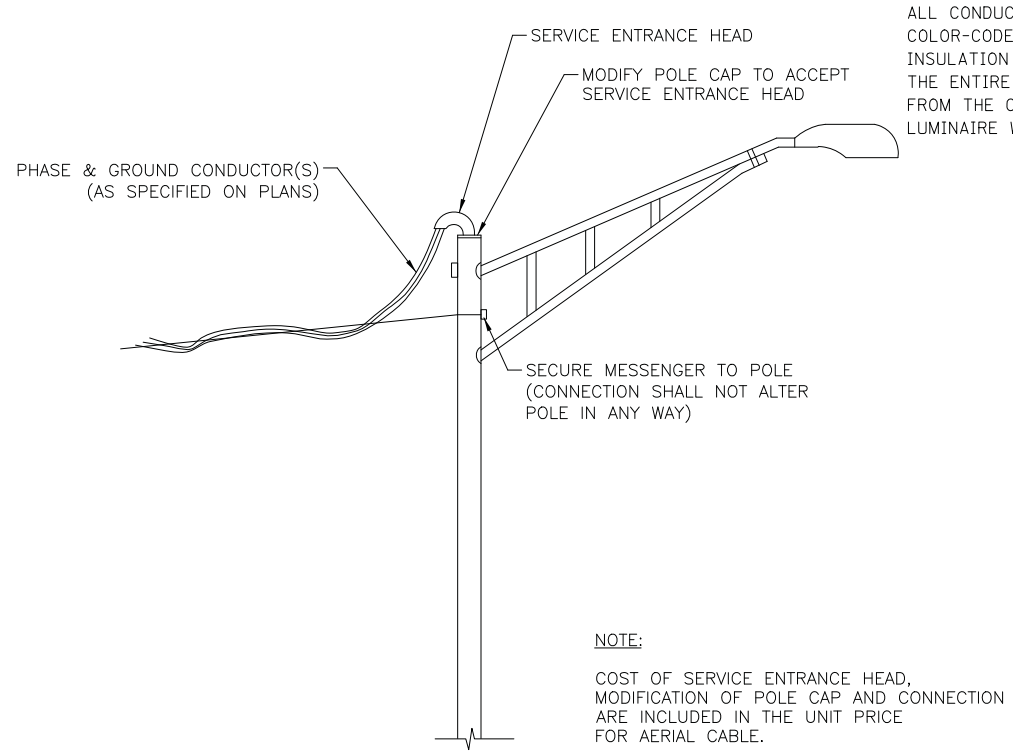
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	178
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	WORK	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	WORK	
	DATE	
	FILE NAME	



AERIAL CABLE CONNECTION DETAIL



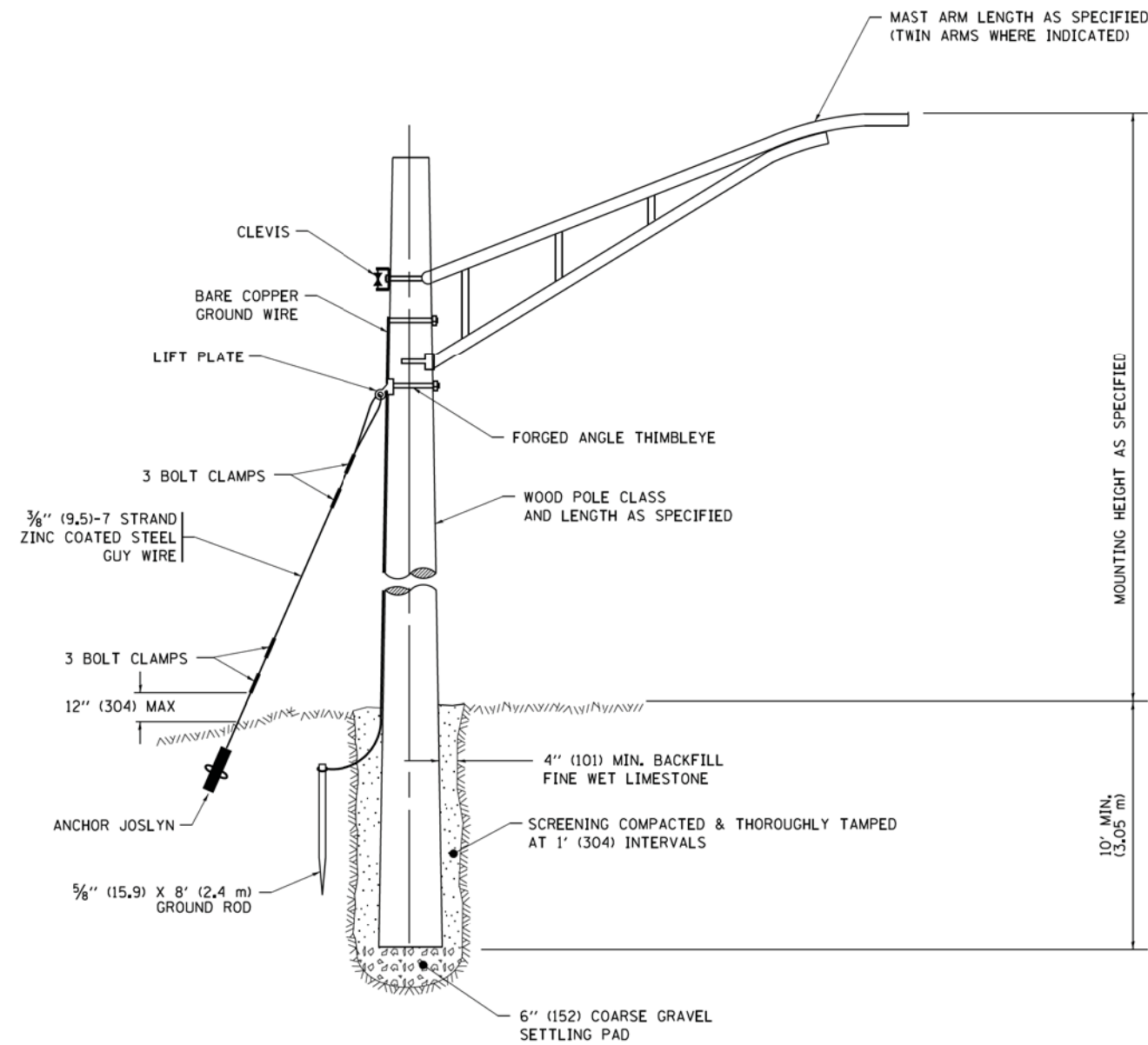
NOTE:
 COST OF SERVICE ENTRANCE HEAD, MODIFICATION OF POLE CAP AND CONNECTION ARE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

ALL CONDUCTORS SHALL BE INDIVIDUALLY COLOR-CODED. THE COLOR-CODED INSULATION FOR EACH WIRE SHALL RUN THE ENTIRE LENGTH OF THE CONDUCTOR FROM THE CIRCUIT BREAKER TO THE LUMINAIRE WITH THE SAME COLOR.

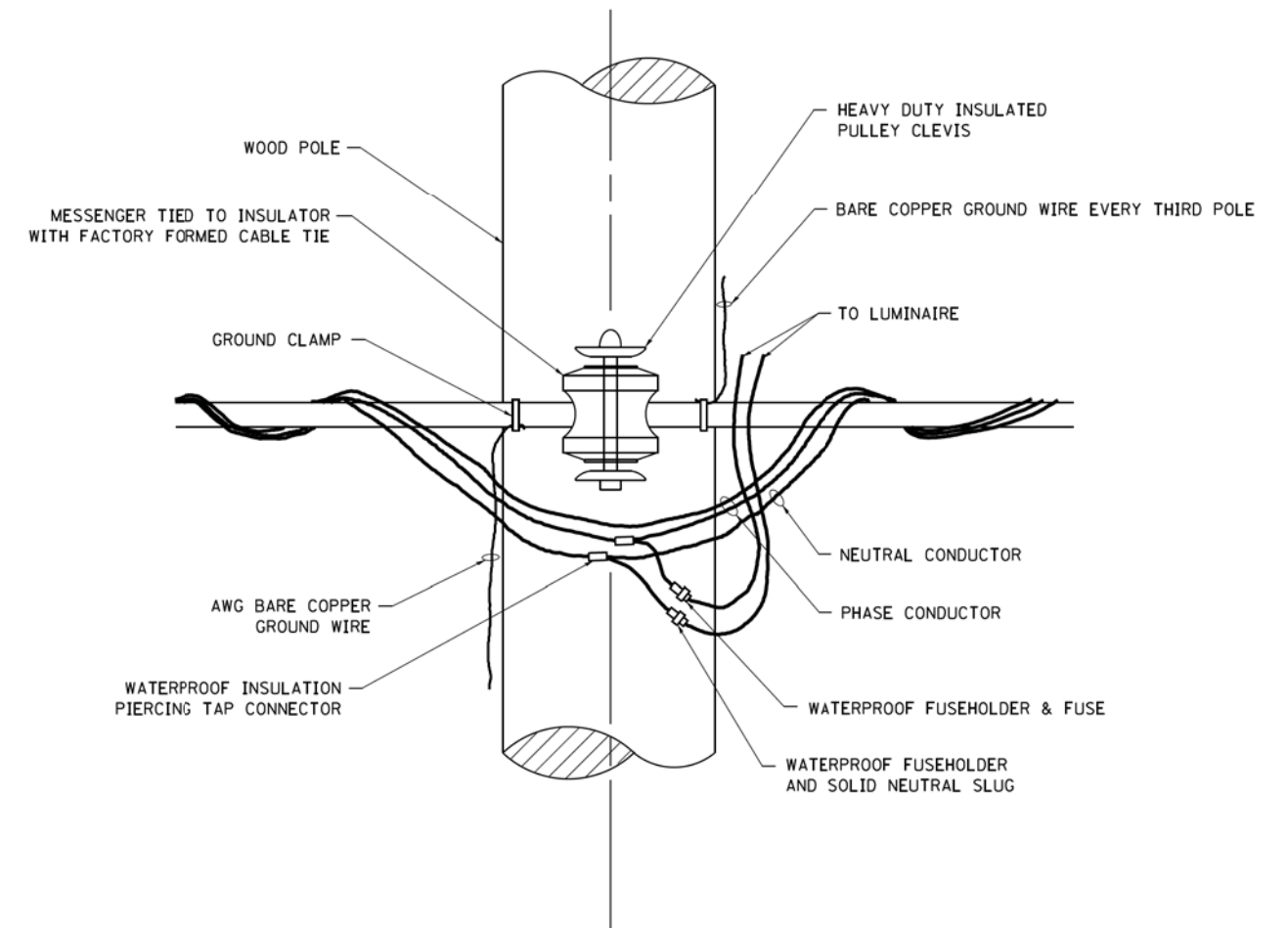
AERIAL CABLE CONNECTION TO EXISTING LIGHT POLE

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

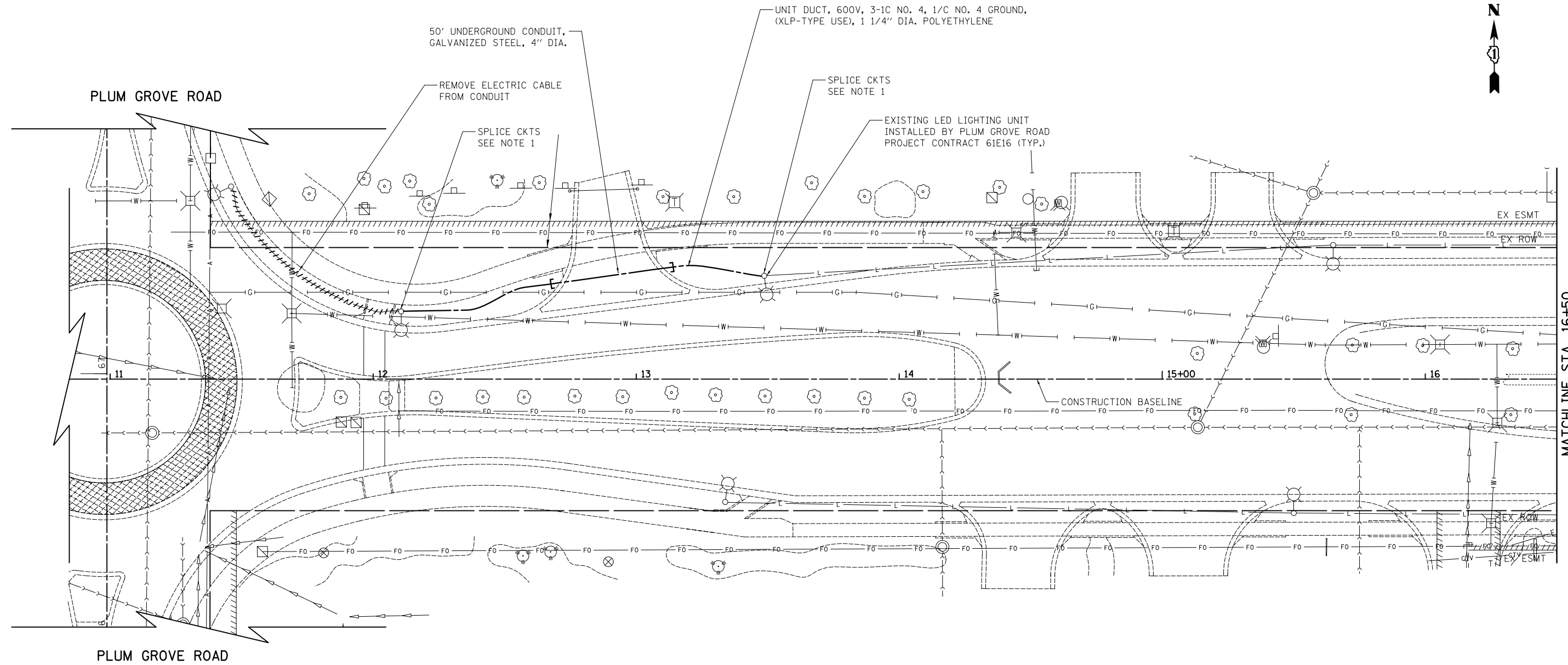
NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHT POLE DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\Drawings\CADD\CA0\CA0sheets\be800.dgn		DRAWN	REVISED - R.T. 07-26-16					1103	15-00119-00-PV	COOK	277	180
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED -		BE-800			CONTRACT NO. 61F00				
	PLOT DATE = 9/1/2016	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



MATCHLINE STA. 16+50
SEE SHEET 182

NOTES

1. CONTRACTOR SHALL RUN PROPOSED UNIT DUCT INTO EXISTING LIGHT POLE FOUNDATION SLEEVE AND WILL SPLICE PROPOSED CABLE TO EXISTING CABLES IN LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN UNIT DUCT PAY ITEM.

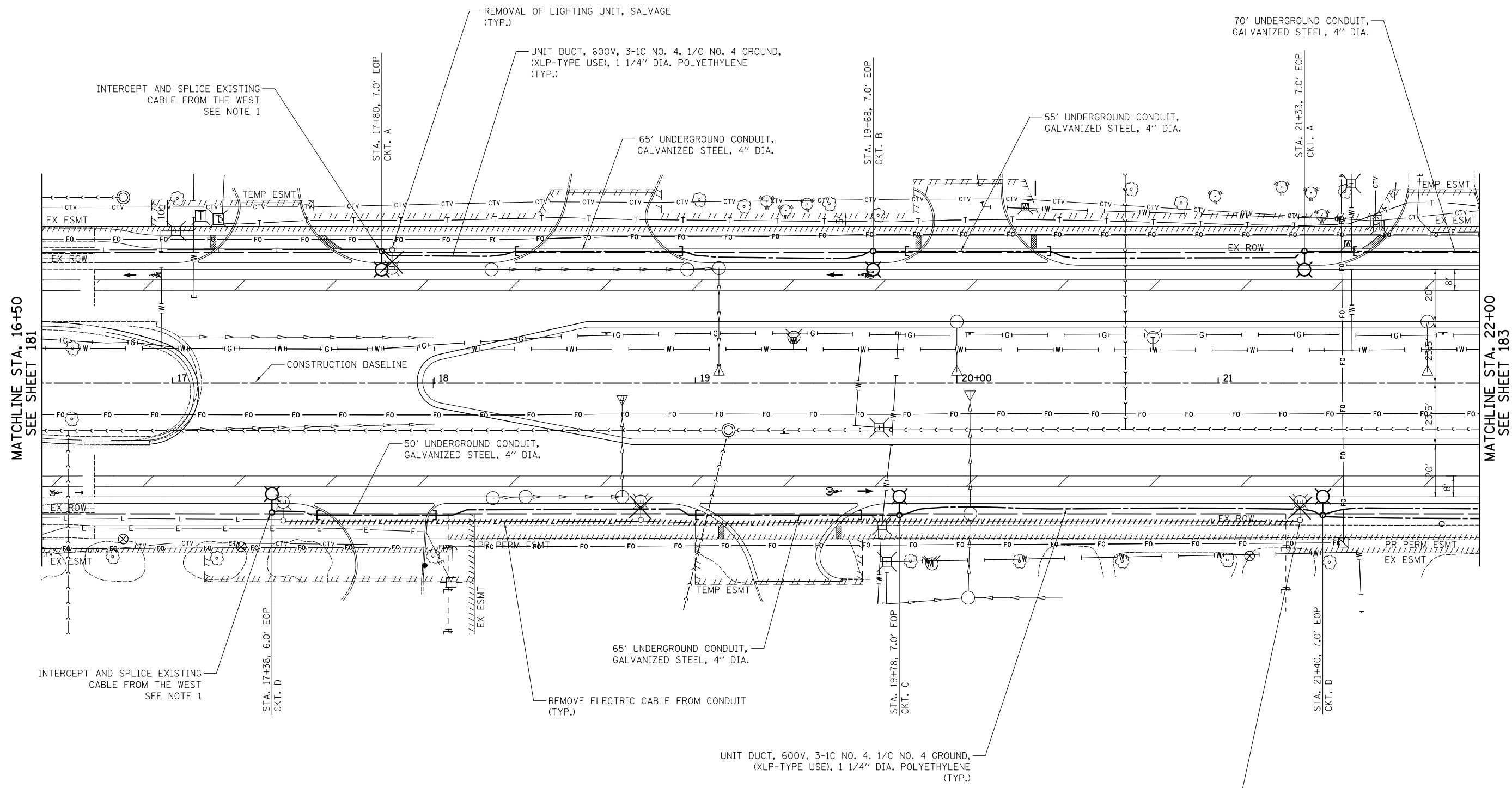
STATE PARKWAY



FILE NAME = ...\\16-Lighting\3075.15 LT15.dgn	USER NAME = jet	DESIGNED - SJC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS LIGHTING PLANS - STATE PARKWAY	F.A.U. RTE. 1103	SECTION 15-0019-00-PV	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 181		
MODELNAME\$	PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -			SCALE: 1" = 20'	SHEET 1 OF 10 SHEETS	STA. 11+00	TO STA. 16+50	CONTRACT NO. 61F00		
	PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



NOTES

- CONTRACTOR SHALL INTERCEPT AND REUSE EXISTING CABLES FROM THE WEST. SPLICE EXISTING AND PROPOSED CABLES IN POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN LIGHT POLE PAY ITEM.

STATE PARKWAY



FILE NAME = ...\\16-Lighting\3075.16 LT16.dgn
 #MODELNAME#

USER NAME = jet	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - SJC	REVISED -
PLOT DATE = 11/2/2018	CHECKED - DNM	REVISED -
	DATE - 10/05/2018	REVISED -

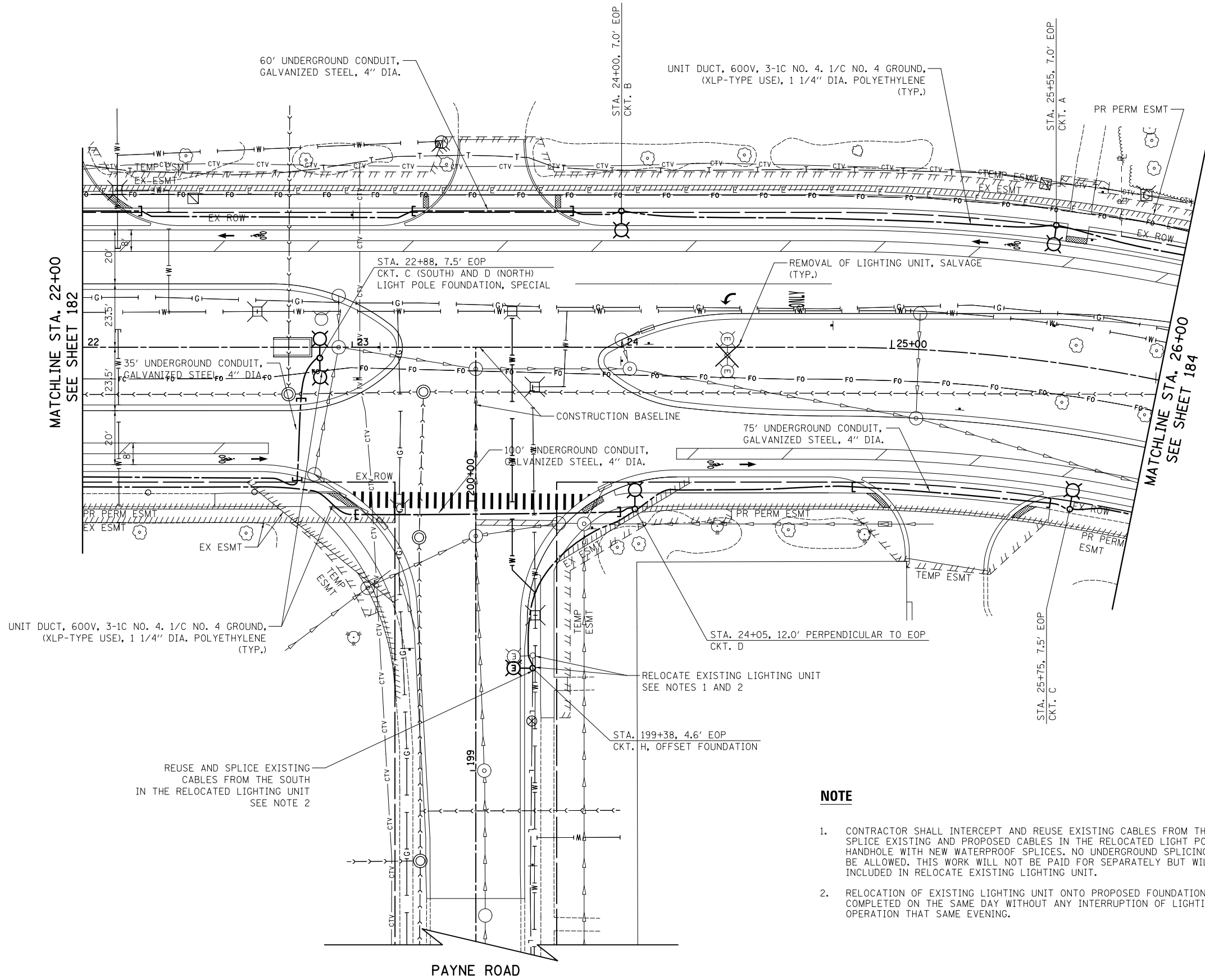
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE AND NATIONAL PARKWAY IMPROVEMENTS			
LIGHTING PLANS - STATE PARKWAY			
SCALE: 1" = 20'	SHEET 2 OF 10 SHEETS	STA. 16+50 TO STA. 22+00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	182
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	NOTED	
	STRUCTURE	
	NOTATIS	
	CHFD	
	NO.	



NOTE

1. CONTRACTOR SHALL INTERCEPT AND REUSE EXISTING CABLES FROM THE SOUTH. SPLICE EXISTING AND PROPOSED CABLES IN THE RELOCATED LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN RELOCATE EXISTING LIGHTING UNIT.
2. RELOCATION OF EXISTING LIGHTING UNIT ONTO PROPOSED FOUNDATION WILL BE COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF LIGHTING OPERATION THAT SAME EVENING.

STATE PARKWAY



FILE NAME = ...\\16-Lighting\3075.17.LT17.dgn
 \$MODELNAME\$

USER NAME = jet
 DESIGNED - SJC
 DRAWN - SJC
 PLOT SCALE = 20.0000' / in.
 CHECKED - DNM
 DATE - 10/05/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
 LIGHTING PLANS - STATE PARKWAY**

SCALE: 1" = 20' SHEET 3 OF 10 SHEETS STA. 22+00 TO STA. 26+00

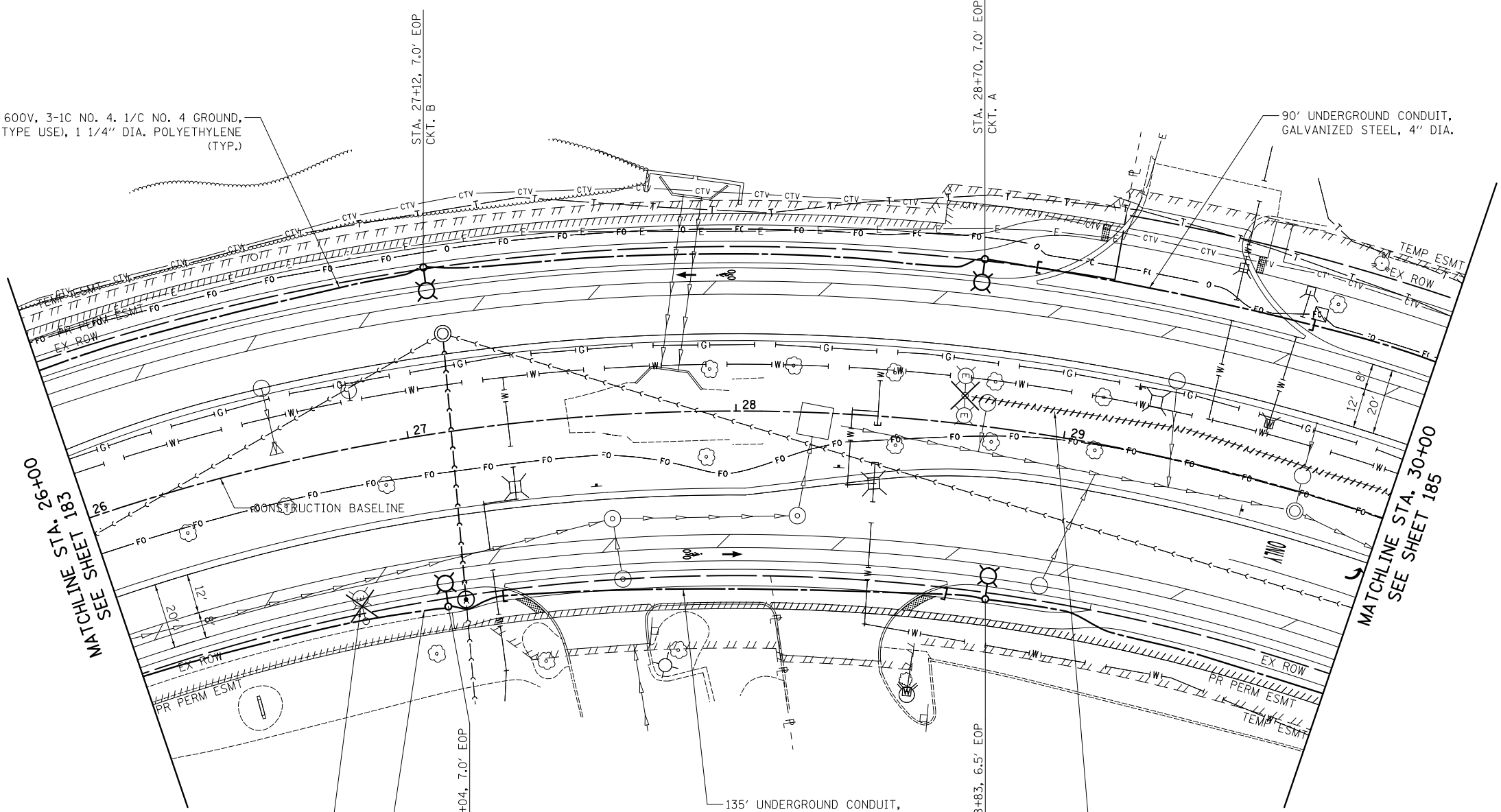
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	183
				CONTRACT NO. 61FOO
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	

UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 4 GROUND,
(XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
(TYP.)

90' UNDERGROUND CONDUIT,
GALVANIZED STEEL, 4" DIA.

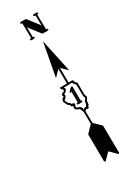


REMOVAL OF LIGHTING UNIT, SALVAGE
(TYP.)

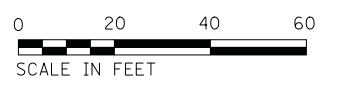
UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 4 GROUND,
(XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
(TYP.)

135' UNDERGROUND CONDUIT,
GALVANIZED STEEL, 4" DIA.

REMOVE ELECTRIC CABLE FROM CONDUIT
(TYP.)



STATE PARKWAY



FILE NAME =
...\\16-Lighting\3075.18 LT18.dgn

USER NAME = jet
PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

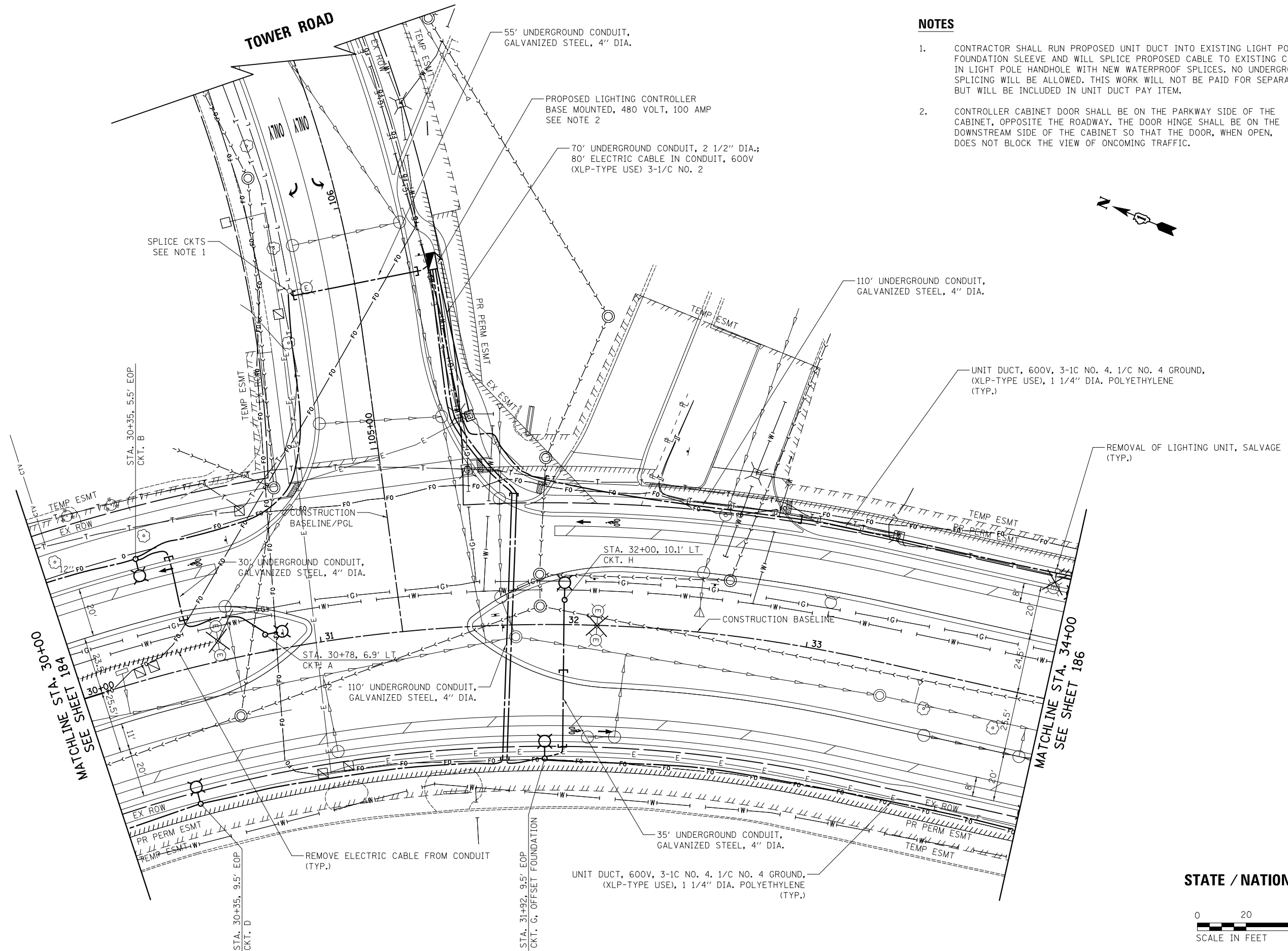
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING PLANS - STATE PARKWAY**

SCALE: 1" = 20' SHEET 4 OF 10 SHEETS STA. 26+00 TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	184
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



NOTES

- CONTRACTOR SHALL RUN PROPOSED UNIT DUCT INTO EXISTING LIGHT POLE FOUNDATION SLEEVE AND WILL SPLICE PROPOSED CABLE TO EXISTING CABLES IN LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN UNIT DUCT PAY ITEM.
- CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.



STATE / NATIONAL PARKWAY



FILE NAME = ...\\16-Lighting\3075.19 LT19.dgn
#MODELNAME#

USER NAME = jet
DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING PLANS - STATE / NATIONAL PARKWAY**

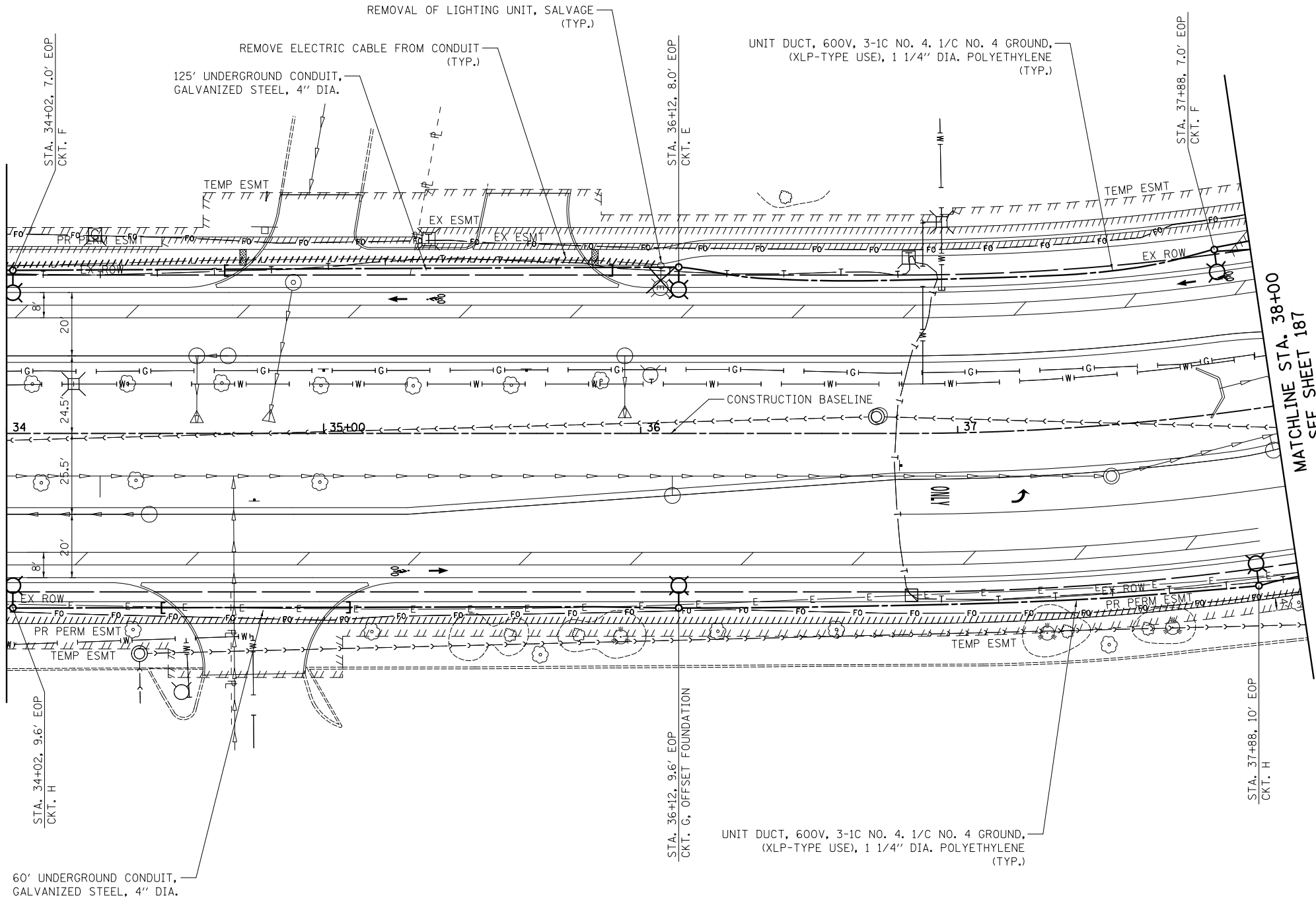
SCALE: 1" = 20' SHEET 5 OF 10 SHEETS STA. 30+00 TO STA. 34+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-0019-00-PV	COOK	277	185
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

MATCHLINE STA. 34+00
SEE SHEET 185



MATCHLINE STA. 38+00
SEE SHEET 187

NATIONAL PARKWAY



FILE NAME = ...\\16-Lighting\3075.20.LT20.dgn
MODELNAME\$

USER NAME = jet
PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING PLANS - NATIONAL PARKWAY**

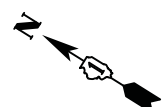
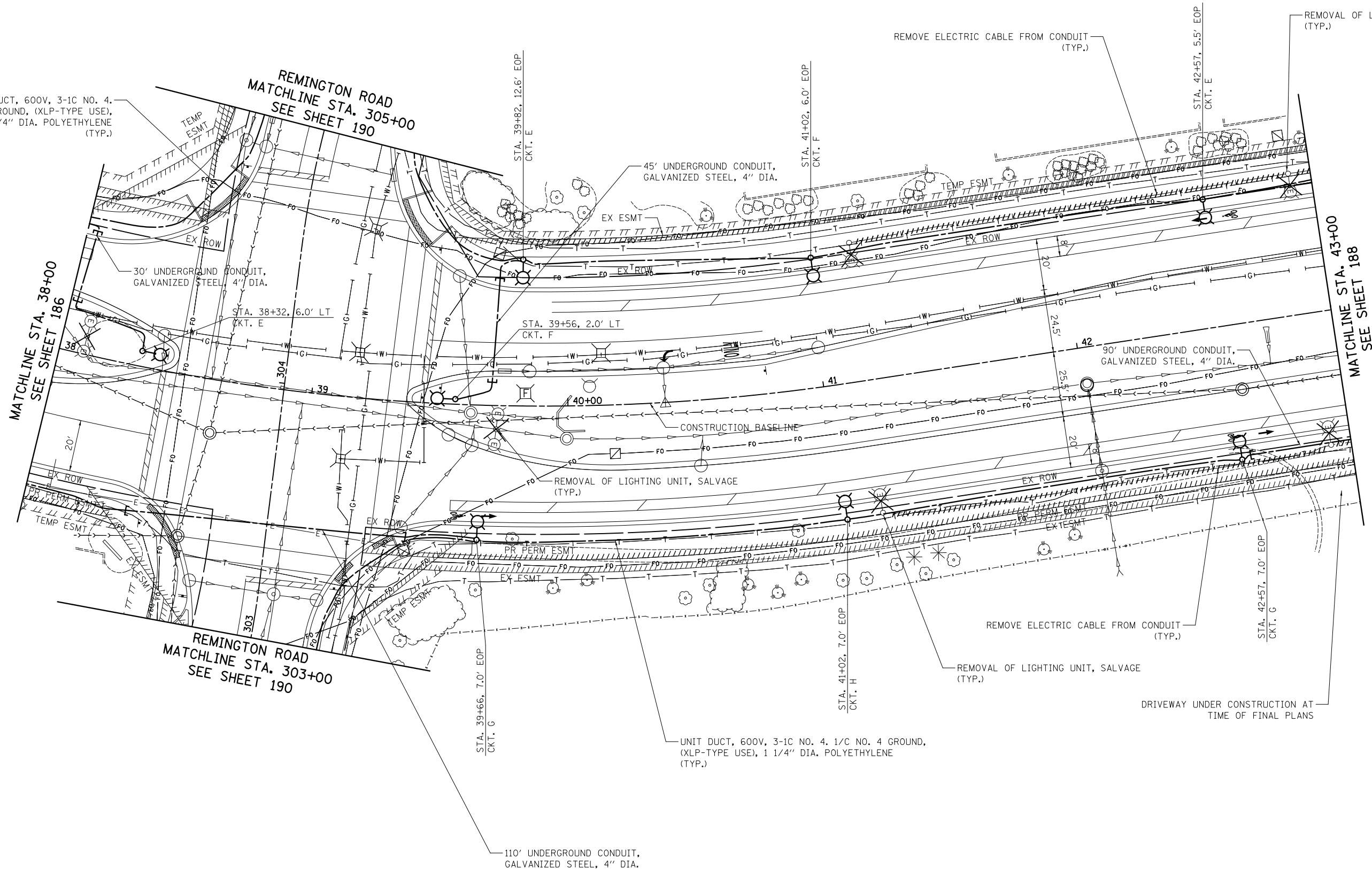
SCALE: 1" = 20' SHEET 6 OF 10 SHEETS STA. 34+00 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	186
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

UNIT DUCT, 600V, 3-1C NO. 4, 1/2" NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE (TYP.)



REMINGTON ROAD
MATCHLINE STA. 303+00
SEE SHEET 190

REMINGTON ROAD
MATCHLINE STA. 305+00
SEE SHEET 190

MATCHLINE STA. 43+00
SEE SHEET 188

NATIONAL PARKWAY

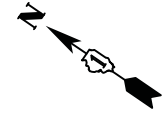
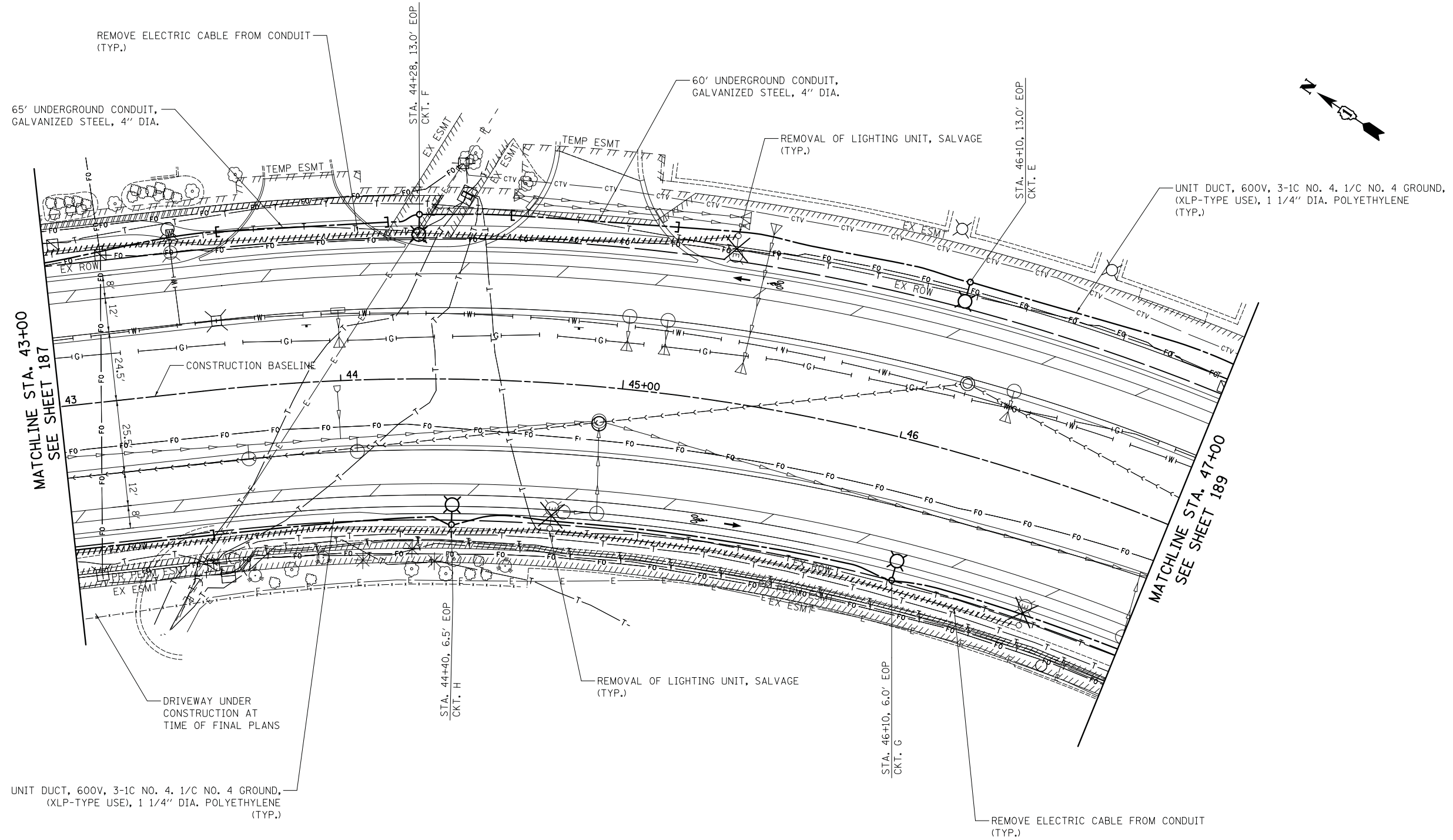


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MODELNAME\$	PLOT SCALE = 20.0000' / in.	DRAWN - SJC	REVISED -			1103	15-00119-00-PV	COOK	277	187	
	PLOT DATE = 10/31/2018	CHECKED - DNM	REVISED -			CONTRACT NO. 61FOO					
		DATE - 10/05/2018	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1" = 20' SHEET 7 OF 10 SHEETS STA. 38+00 TO STA. 43+00

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
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	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



NATIONAL PARKWAY

FILE NAME =	USER NAME = jet	DESIGNED - SJC	REVISED -
...\\16-Lighting\3075.22.LT22.dgn		DRAWN - SJC	REVISED -
\$MODELNAME\$		CHECKED - DNM	REVISED -
		DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE AND NATIONAL PARKWAY IMPROVEMENTS			
LIGHTING PLANS - NATIONAL PARKWAY			
SCALE: 1" = 20'	SHEET 8	OF 10 SHEETS	STA. 43+00 TO STA. 47+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	188
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
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	NO.	

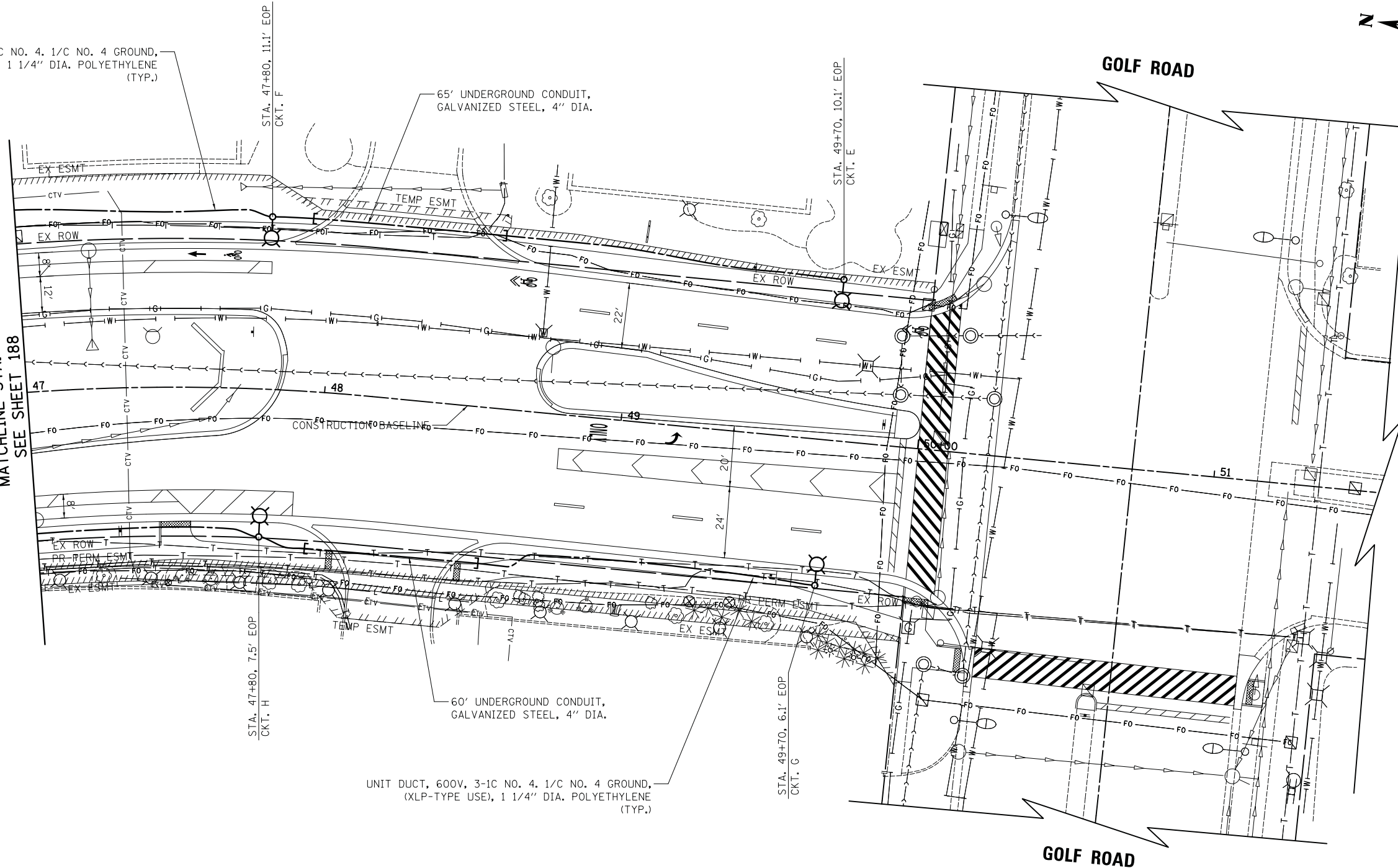
UNIT DUCT, 600V, 3-1C NO. 4, 1/2 NO. 4 GROUND,
(XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
(TYP.)

65' UNDERGROUND CONDUIT,
GALVANIZED STEEL, 4" DIA.

60' UNDERGROUND CONDUIT,
GALVANIZED STEEL, 4" DIA.

UNIT DUCT, 600V, 3-1C NO. 4, 1/2 NO. 4 GROUND,
(XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
(TYP.)

MATCHLINE STA. 47+00
SEE SHEET 188



NATIONAL PARKWAY



FILE NAME =
...\\16-Lighting\3075.23.LT23.dgn

USER NAME = jet
PLOT SCALE = 20.0000' / in.
PLOT DATE = 10/31/2018

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - 10/05/2018

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

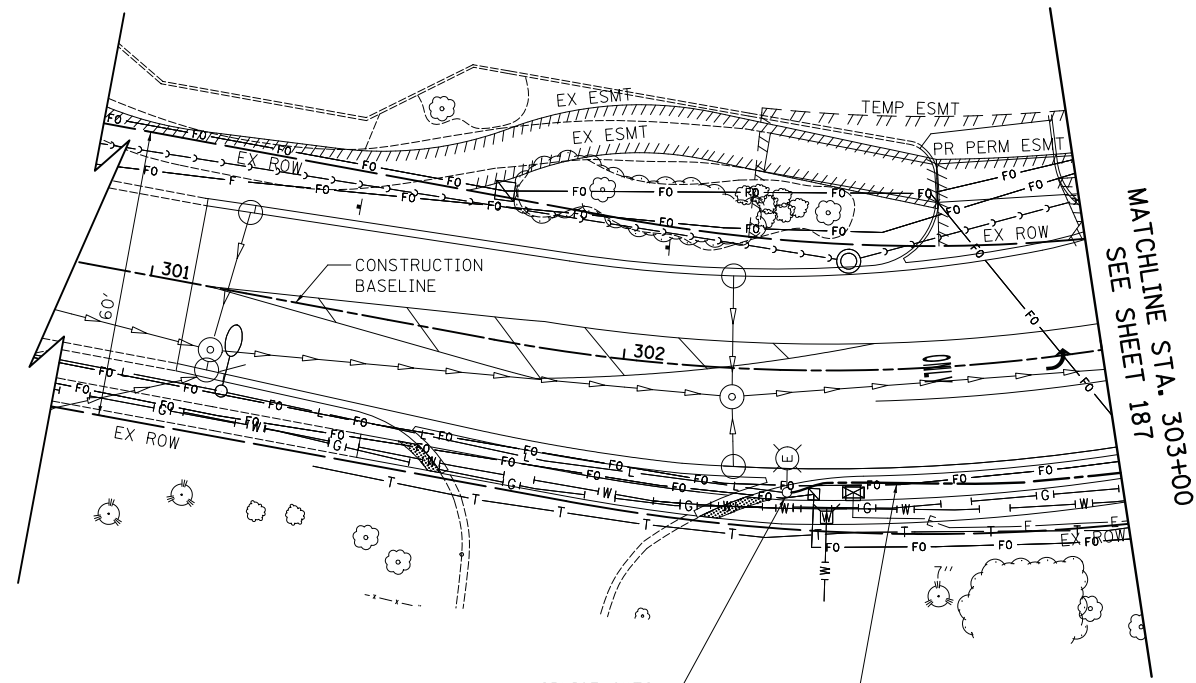
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING PLANS - NATIONAL PARKWAY**

SCALE: 1" = 20' SHEET 9 OF 10 SHEETS STA. 47+00 TO STA. 51+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	189
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

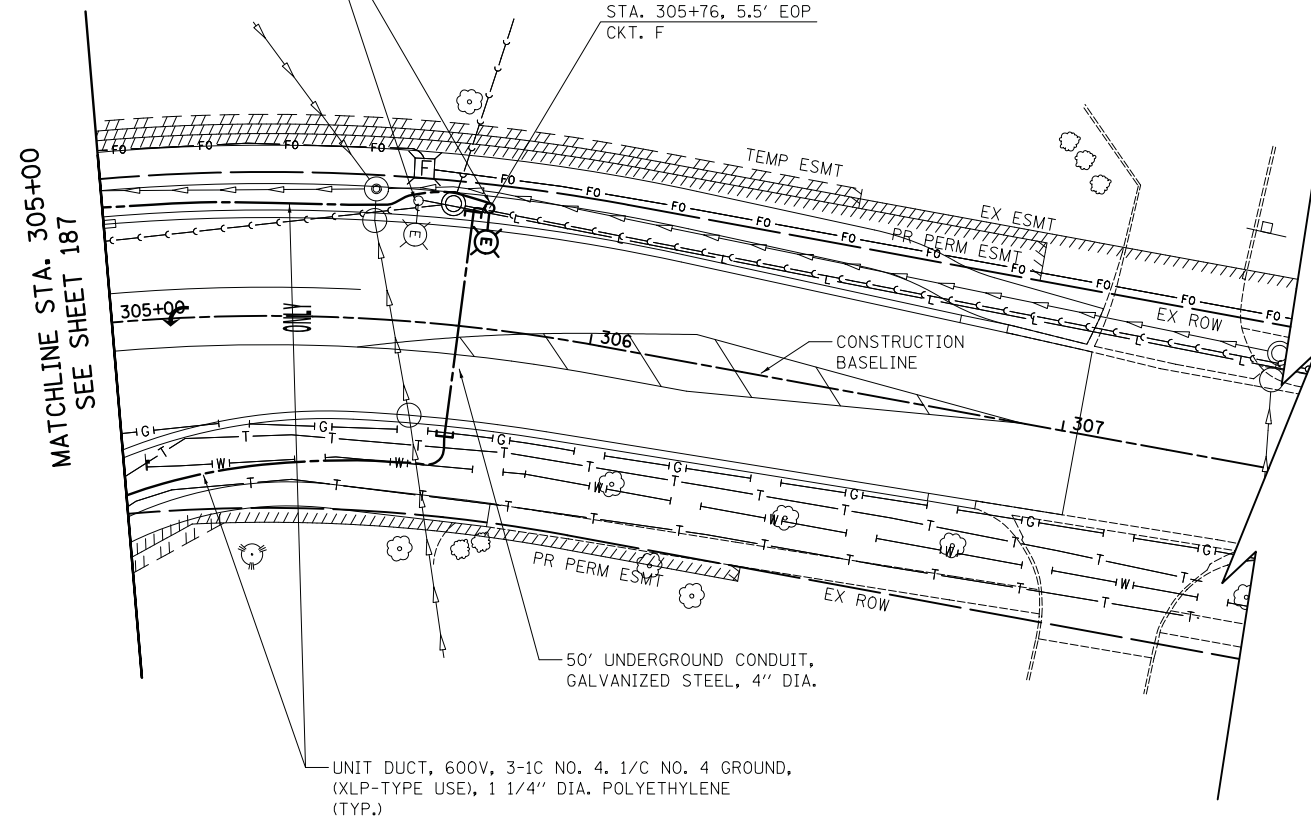
PLAN	SURVEYED	BY	DATE
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		



UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE (TYP.)

RELOCATE EXISTING LIGHTING UNIT
SEE NOTES 1 AND 2



NOTES

1. CONTRACTOR SHALL INTERCEPT AND REUSE EXISTING CABLES FROM THE EAST. SPLICE EXISTING AND PROPOSED CABLES IN THE RELOCATED LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN RELOCATE EXISTING LIGHTING UNIT.
2. RELOCATION OF EXISTING LIGHTING UNIT ONTO PROPOSED FOUNDATION WILL BE COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF LIGHTING OPERATION THAT SAME EVENING.
3. CONTRACTOR SHALL RUN PROPOSED UNIT DUCT INTO EXISTING LIGHT POLE FOUNDATION SLEEVE AND WILL SPLICE PROPOSED CABLE TO EXISTING CABLES IN LIGHT POLE HANDHOLE WITH NEW WATERPROOF SPLICES. NO UNDERGROUND SPLICING WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN UNIT DUCT PAY ITEM.

REMINGTON ROAD



FILE NAME =	USER NAME = jet	DESIGNED - SJC	REVISED -
...\\16-Lighting\3075.24.LT24.dgn		DRAWN - SJC	REVISED -
\$MODELNAME\$		CHECKED - DNM	REVISED -
		DATE - 10/05/2018	REVISED -
		PLOT SCALE = 20.0000' / in.	
		PLOT DATE = 10/31/2018	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

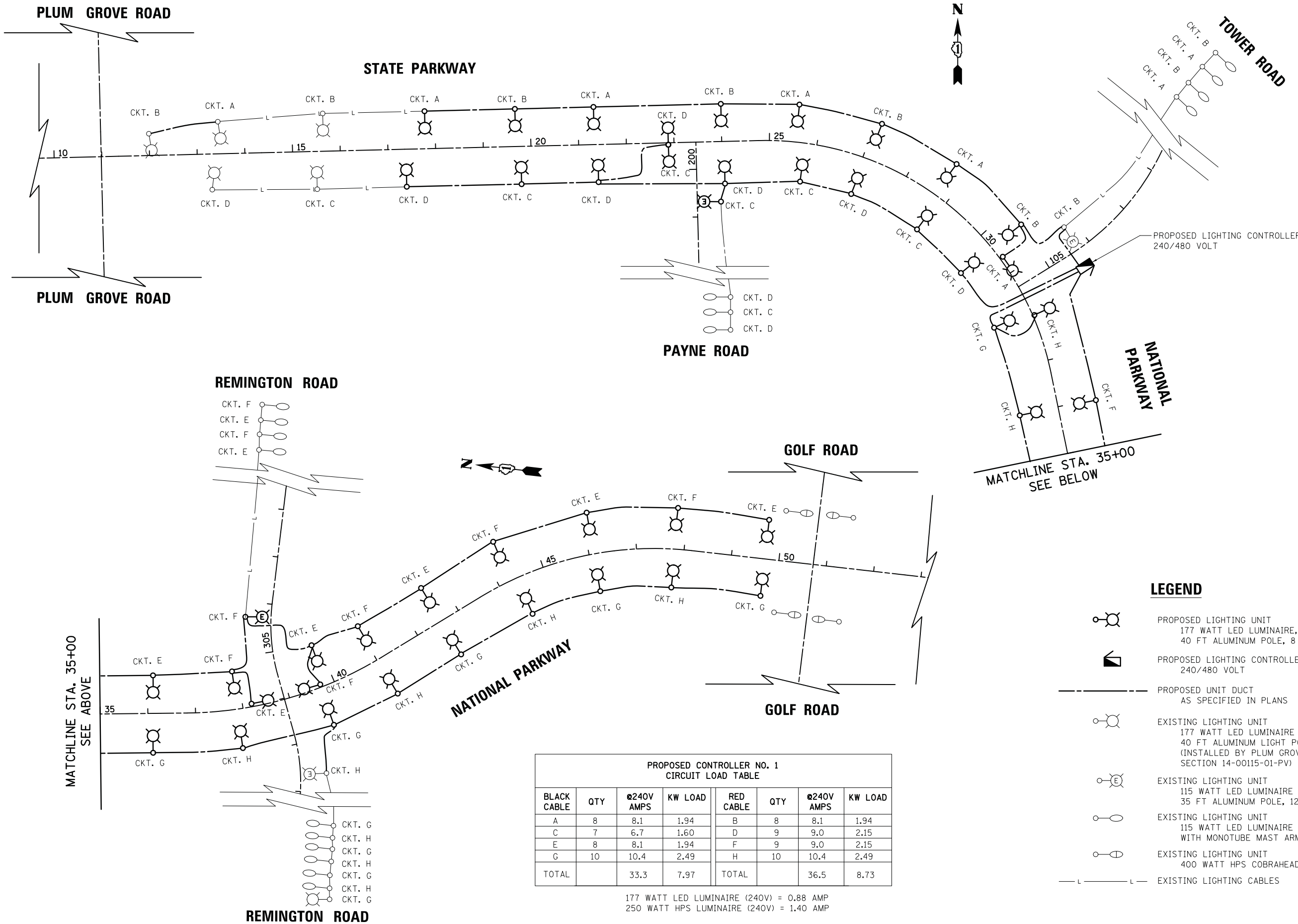
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING PLANS - REMINGTON ROAD**

SCALE: 1" = 20' SHEET 10 OF 10 SHEETS STA. 301+00 TO STA. 307+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	190
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	FILE NAME	



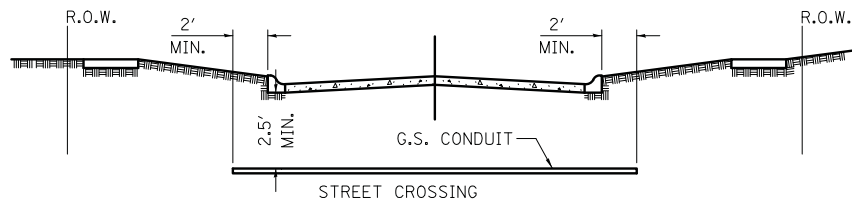
- LEGEND**
- PROPOSED LIGHTING UNIT
177 WATT LED LUMINAIRE, 240V (PHASE TO NEUTRAL)
40 FT ALUMINUM POLE, 8 FT MAST ARM
 - PROPOSED LIGHTING CONTROLLER
240/480 VOLT
 - PROPOSED UNIT DUCT
AS SPECIFIED IN PLANS
 - EXISTING LIGHTING UNIT
177 WATT LED LUMINAIRE
40 FT ALUMINUM LIGHT POLE, 8 FT MAST ARM
(INSTALLED BY PLUM GROVE ROAD PROJECT
SECTION 14-00115-01-PV)
 - EXISTING LIGHTING UNIT
115 WATT LED LUMINAIRE
35 FT ALUMINUM POLE, 12 FT MAST ARM
 - EXISTING LIGHTING UNIT
115 WATT LED LUMINAIRE
WITH MONOTUBE MAST ARM
 - EXISTING LIGHTING UNIT
400 WATT HPS COBRAHEAD
 - EXISTING LIGHTING CABLES

**PROPOSED CONTROLLER NO. 1
CIRCUIT LOAD TABLE**

BLACK CABLE	QTY	∅240V AMPS	KW LOAD	RED CABLE	QTY	∅240V AMPS	KW LOAD
A	8	8.1	1.94	B	8	8.1	1.94
C	7	6.7	1.60	D	9	9.0	2.15
E	8	8.1	1.94	F	9	9.0	2.15
G	10	10.4	2.49	H	10	10.4	2.49
TOTAL		33.3	7.97	TOTAL		36.5	8.73

177 WATT LED LUMINAIRE (240V) = 0.88 AMP
250 WATT HPS LUMINAIRE (240V) = 1.40 AMP

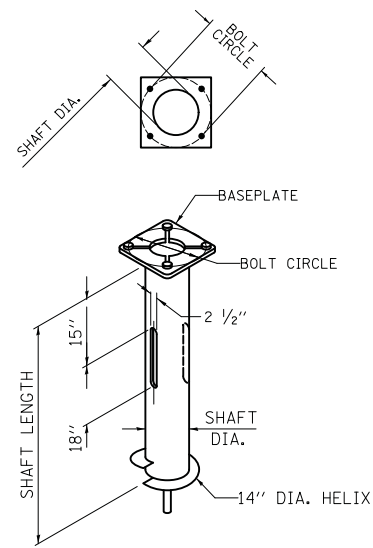
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- ① CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT.
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.
- ④ LOCATION OF CONDUIT CROSSING SHALL BE MARK ON CURBS WITH ARROWS.

ELECTRICAL CONDUIT UNDER PAVEMENT

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	AT
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	STRUCTURE
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HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8 5/8"	6 FT.*	15" X 15" X 1 1/4"
41 FT. - 45 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1 1/4"

* FOR TWIN LUMINAIRES THE SHAFT LENGTH WILL BE 8 FT.

NOTES FOR METAL FOUNDATION

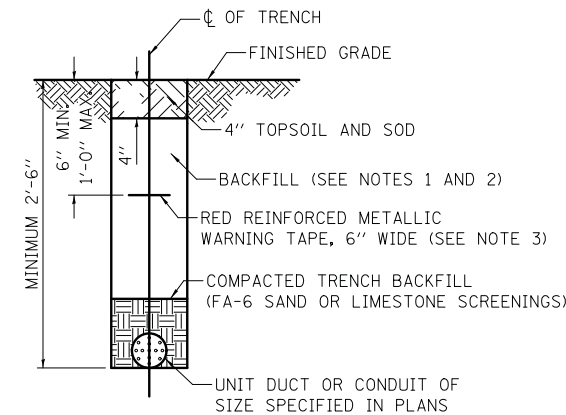
1. METAL FOUNDATION SHALL BE THE FOUNDATION USED FOR ALL LIGHTING AND DECORATIVE LIGHTING UNITS UNLESS CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATIONS, THEN AN OFFSET FOUNDATION SHALL BE USED WITH ENGINEER APPROVAL.
2. ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. CUT TWO SLOTS IN THE SHAFT AT 180 DEGREE FOR UNIT DUCTS AND CABLES ENTERING AND LEAVING THE POLE FOUNDATION.
5. BASEPLATES NEED TO BE MARKED PROPERLY WHERE RACEWAY OPENINGS ARE LOCATED. FOUNDATION WILL BE REJECTED IF TOP PLATE IS NOT OR IMPROPERLY MARKED.
6. HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASEPLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
8. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASEPLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
9. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
10. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.

POLE FOUNDATION METAL

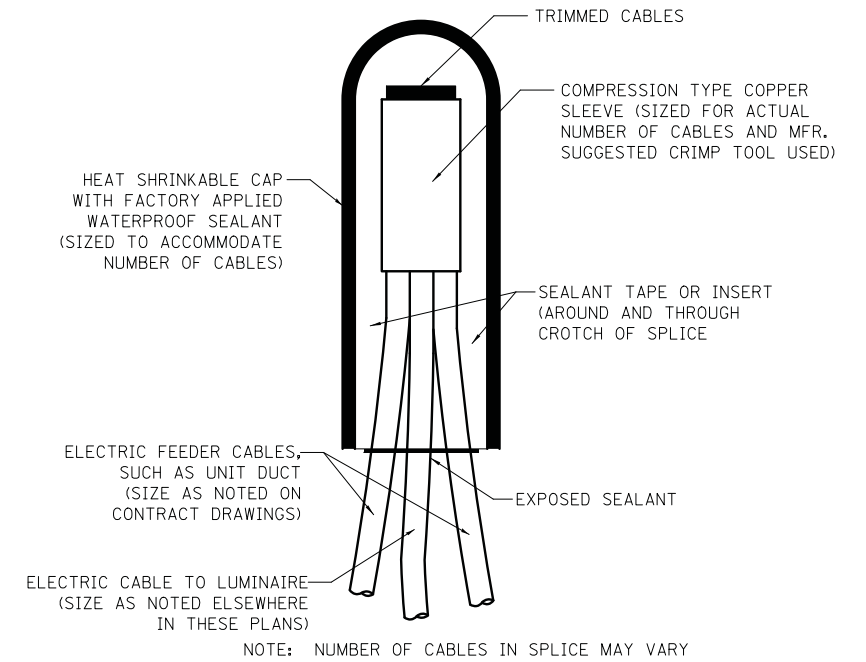
HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM)

NOTES:

1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.
5. MINIMUM UNIT DUCT AND CONDUIT DEPTH IS 30". NOTIFY RESIDENT ENGINEER AND VILLAGE ENGINEER WITH CONFLICTS.



TYPICAL TRENCH CROSS SECTION



SPlicing ELECTRIC CABLES BASIC MATERIALS AND METHODS

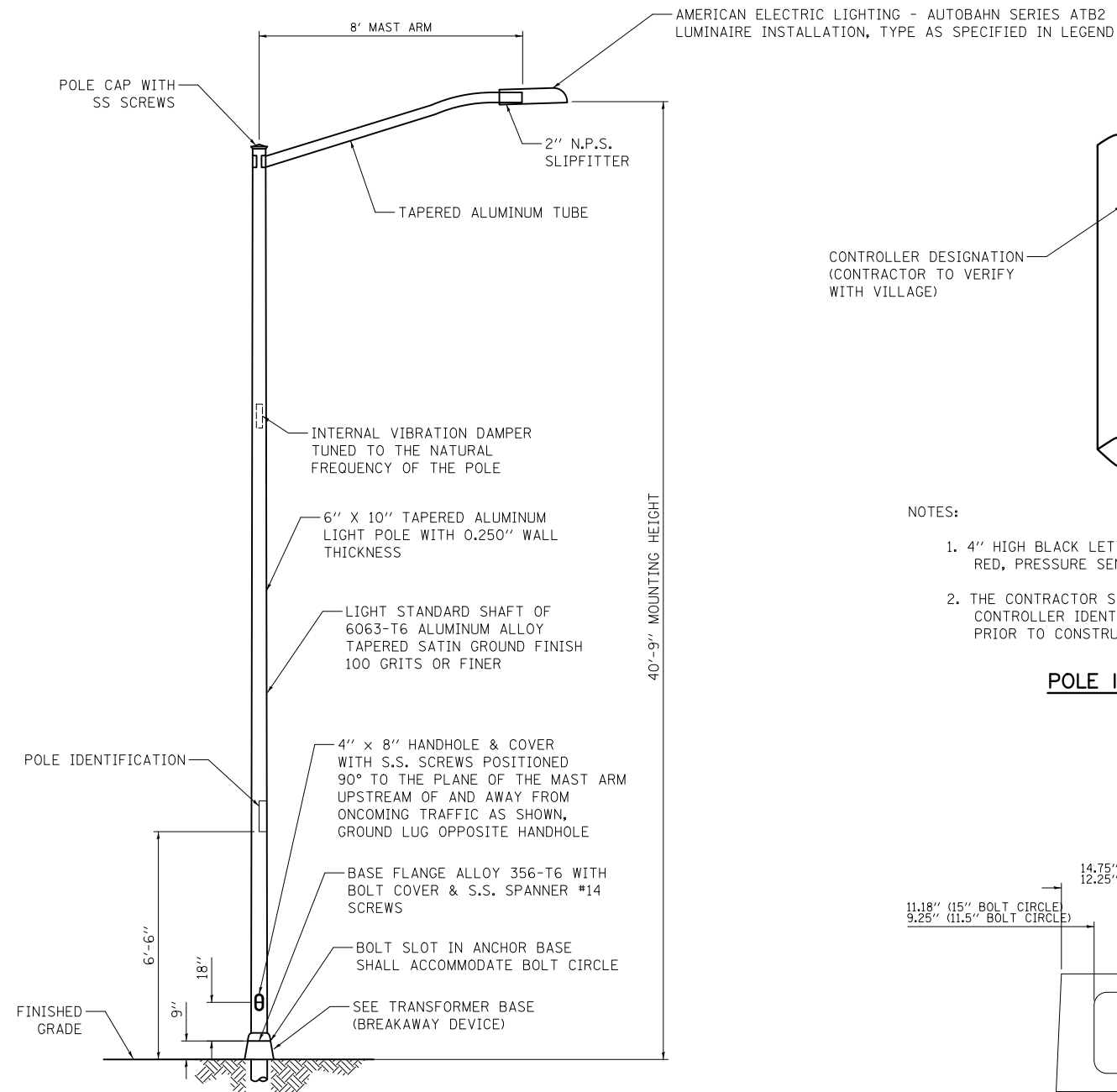
11. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
12. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
13. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
14. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.
15. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

- BASE PLATE: AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
- SHAFT: ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
- HELIX SCREW: AASHTO M 183 (ASTM A 635) (LATEST REVISION)
- PILOT POINT: AASHTO M 270 (ASTM A 575) (LATEST REVISION)
- ANCHOR RODS/STUDS: AASHTO M 314 (ASTM F 1554) (LATEST REVISION)
- HEXAGON NUTS: AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)
- WASHERS: AASHTO M 293 (ASTM F 436) (LATEST REVISION)

FILE NAME = ...\\16-Lighting\3075.26 Det.01.dgn	USER NAME = jet	DESIGNED - SJC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE AND NATIONAL PARKWAY IMPROVEMENTS LIGHTING DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODELNAME\$	PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -			1103	15-00119-00-PV	COOK	277	192
	PLOT DATE = 10/31/2018	DATE = 10/05/2018	REVISED -			CONTRACT NO. 61FOO			ILLINOIS FED. AID PROJECT	
				SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.			

DATE	
BY	
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CHECKED	
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NOTE BOOK NO.	



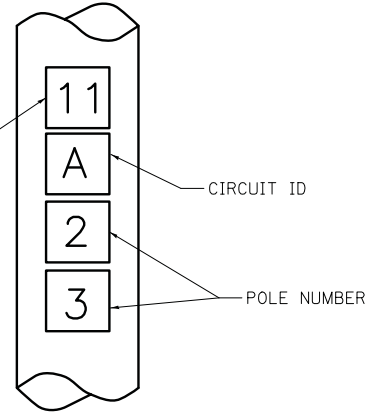
NOTES:

- HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
- DESIGN AND FABRICATION OF THE POLE SHAFT, ARMS, TENONS, AND ATTACHMENTS SHALL BE ACCORDING TO AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED.
- POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
- A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

LIGHTING UNIT

(NOT TO SCALE)

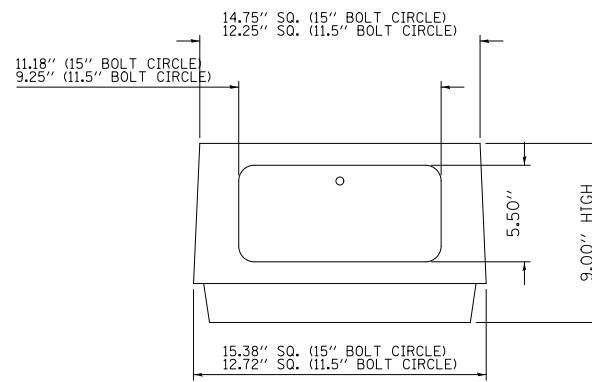
CONTROLLER DESIGNATION
(CONTRACTOR TO VERIFY WITH VILLAGE)



NOTES:

- 4" HIGH BLACK LETTERS SCREENED ON A 4-1/2" X 4" RED, PRESSURE SENSITIVE AND REFLECTIVE BACKGROUND.
- THE CONTRACTOR SHALL COORDINATE LIGHT POLE AND CONTROLLER IDENTIFICATION NUMBERS WITH THE VILLAGE PRIOR TO CONSTRUCTION.

POLE IDENTIFICATION

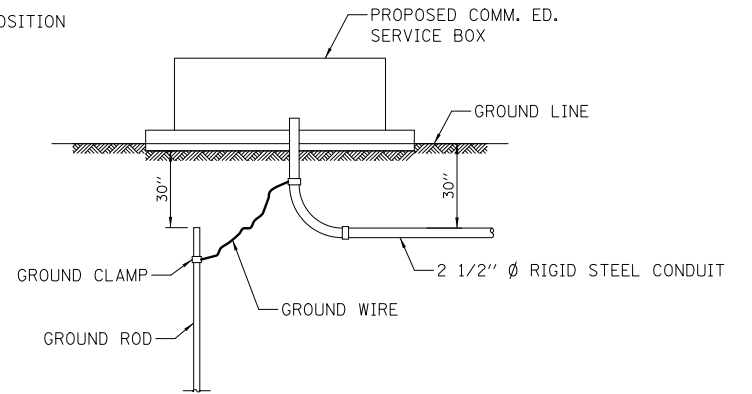
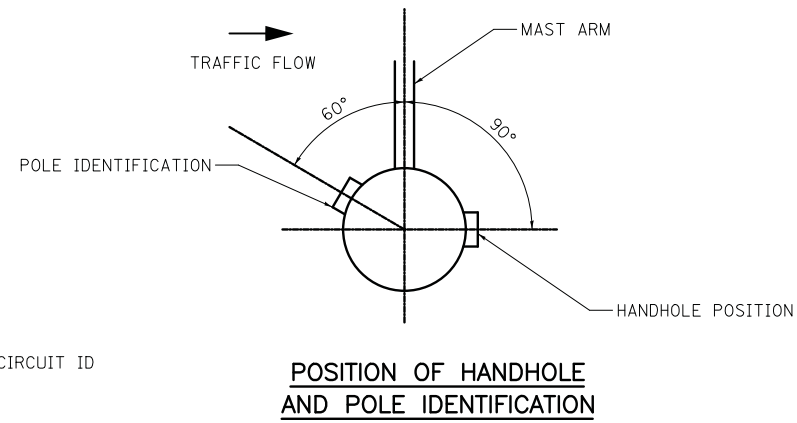


NOTES:

- HARDWARE: CARRIAGE BOLTS SHALL BE USED WITH FLAT WASHER, LOCK WASHER, AND NUTS. NO THREADED ROD ALLOWED.
- GROUNDING: AREA WHERE THE GROUND WIRE ATTACHES TO TRANSFORMER BASE MUST BE SCRATCHED TO ENSURE EFFECTIVE BONDING.

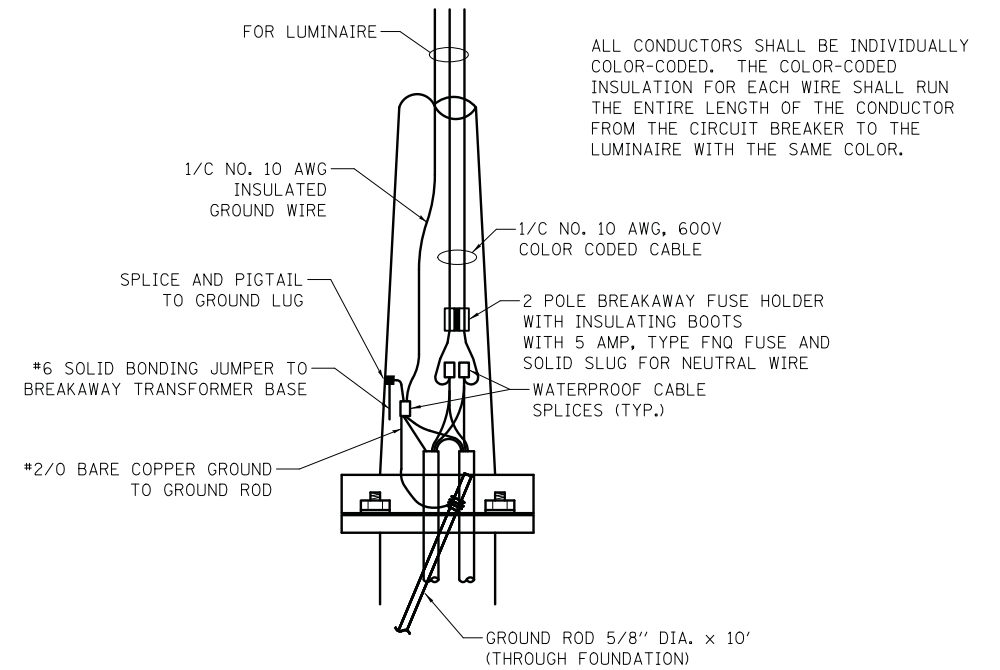
**TRANSFORMER BASE
(BREAKAWAY DEVICE)**

(MEET 1985 AASHTO REQUIREMENTS)



PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.



ALL CONDUCTORS SHALL BE INDIVIDUALLY COLOR-CODED. THE COLOR-CODED INSULATION FOR EACH WIRE SHALL RUN THE ENTIRE LENGTH OF THE CONDUCTOR FROM THE CIRCUIT BREAKER TO THE LUMINAIRE WITH THE SAME COLOR.

ROADWAY POLE HANDHOLE WIRING DIAGRAM

FILE NAME = ...\\16-Lighting\3075.27 Det.02.dgn
\$MODELNAME\$

USER NAME = jet	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - SJC	REVISED -
PLOT DATE = 10/31/2018	CHECKED - DNM	REVISED -
	DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

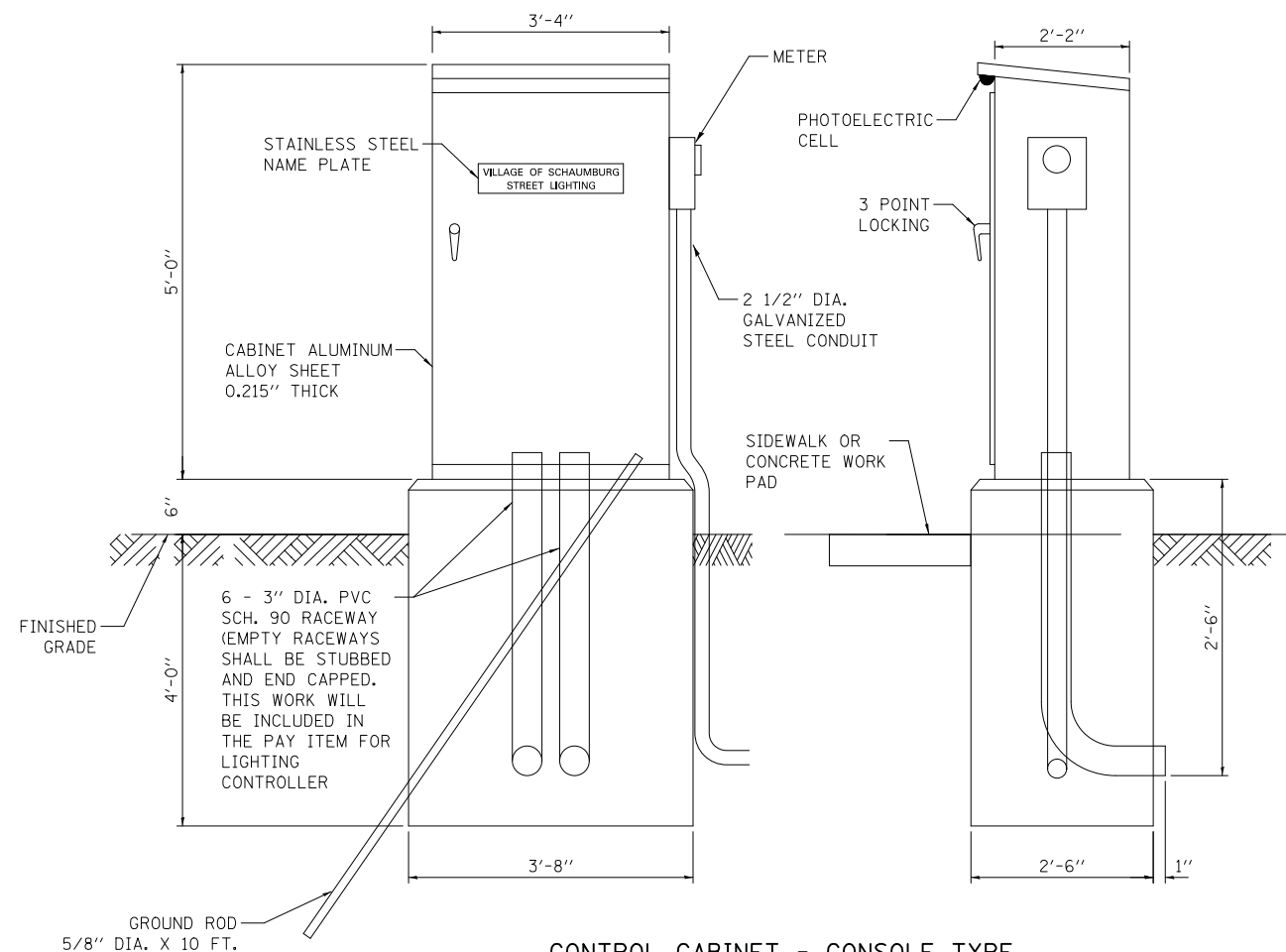
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING DETAILS**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	193
CONTRACT NO. 61F00				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



CONTROL CABINET - CONSOLE TYPE

DEVICE SCHEDULE		
ITEM	QUANT.	DESCRIPTION
①	1	100 AMP CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, SINGLE THROW, 600V FRAME, NON-INTERCHANGEABLE TRIP, BOLT ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 600V
②	1	100 AMP, SQUARE D ELECTRICALLY OPERATED AND MECHANICALLY HELD LIGHTING CONTACTOR, 2- POLE, 600 V. WITH 240 V. COIL
③	12	240/480 V. 1 PHASE PANEL BOARD WITH 100 A. COPPER MAIN SINGLE POLE, 30 A., 277 V. BOLT ON BRANCH CIRCUIT BREAKERS INTERRUPTING CAPACITY OF NOT LESS THAN 10,000 RMS SYMMETRICAL AMPERES AT 240 V.
④	1	PHOTO-ELECTRIC CELL, 120 V, MOUNT UNDER LIP OF CONTROLLER CABINET
⑤	2	THERMAL MAGNETIC, MOLDED CASE CIRCUIT BREAKER, 1 POLE, 15 A., 240 V. BOLT ON TYPE. INTERRUPTING CAPACITY OF NOT LESS THAN 5,000 RMS SYMMETRICAL AMPERES AT 240 V.
⑥	1	CONTROL SWITCH, MOMENTARY CONTACT, SPDT, 15 A., 240 V.
⑦	1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20 A., 240 V. SPEC. GRADE
⑧	1	240/120V. STEP DOWN CONTROL TRANSFORMER 1500 VA RATED
⑨	1	MICRO SWITCH (MOUNTED WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN)
⑩	1	60 WATT LIGHT FIXTURE VAPORTIGHT WITH GLOBE, GUARD AND MOUNTING BOX
⑪	1	120 VOLT, 20 AMP. GFCI RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHERPROOF BOX WITH FLAP-TYPE COVER
⑫	1	POWER RELAY WITH CONTACTS RATED FOR CONTACTOR INRUSH CURRENT - 120 V COIL
⑬	1	SURGE ARRESTOR

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

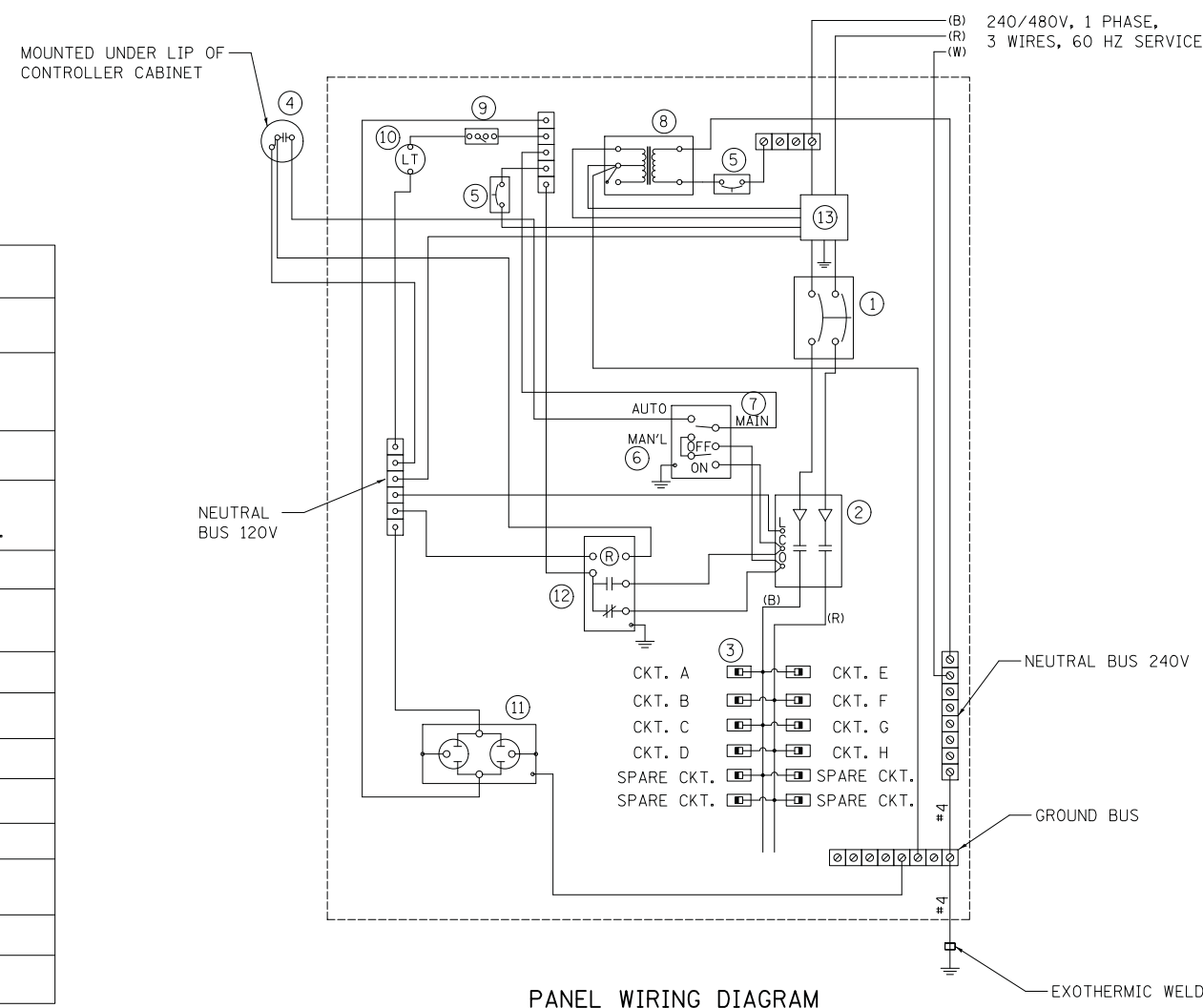
A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET PAINTING NOTE:
THE CABINET SHALL BE PRIMED AND PAINTED GREEN. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION".

THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.



PANEL WIRING DIAGRAM

FILE NAME =	USER NAME = jet	DESIGNED - SJC	REVISED -
...\\16-Lighting\3075.28 Det.03.dgn		DRAWN - SJC	REVISED -
\$MODELNAME\$		CHECKED - DNM	REVISED -
		DATE - 10/05/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
LIGHTING DETAILS**

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	194
CONTRACT NO. 61FOO				
ILLINOIS FED. AID PROJECT				

FOUNDATION DESIGN TABLE

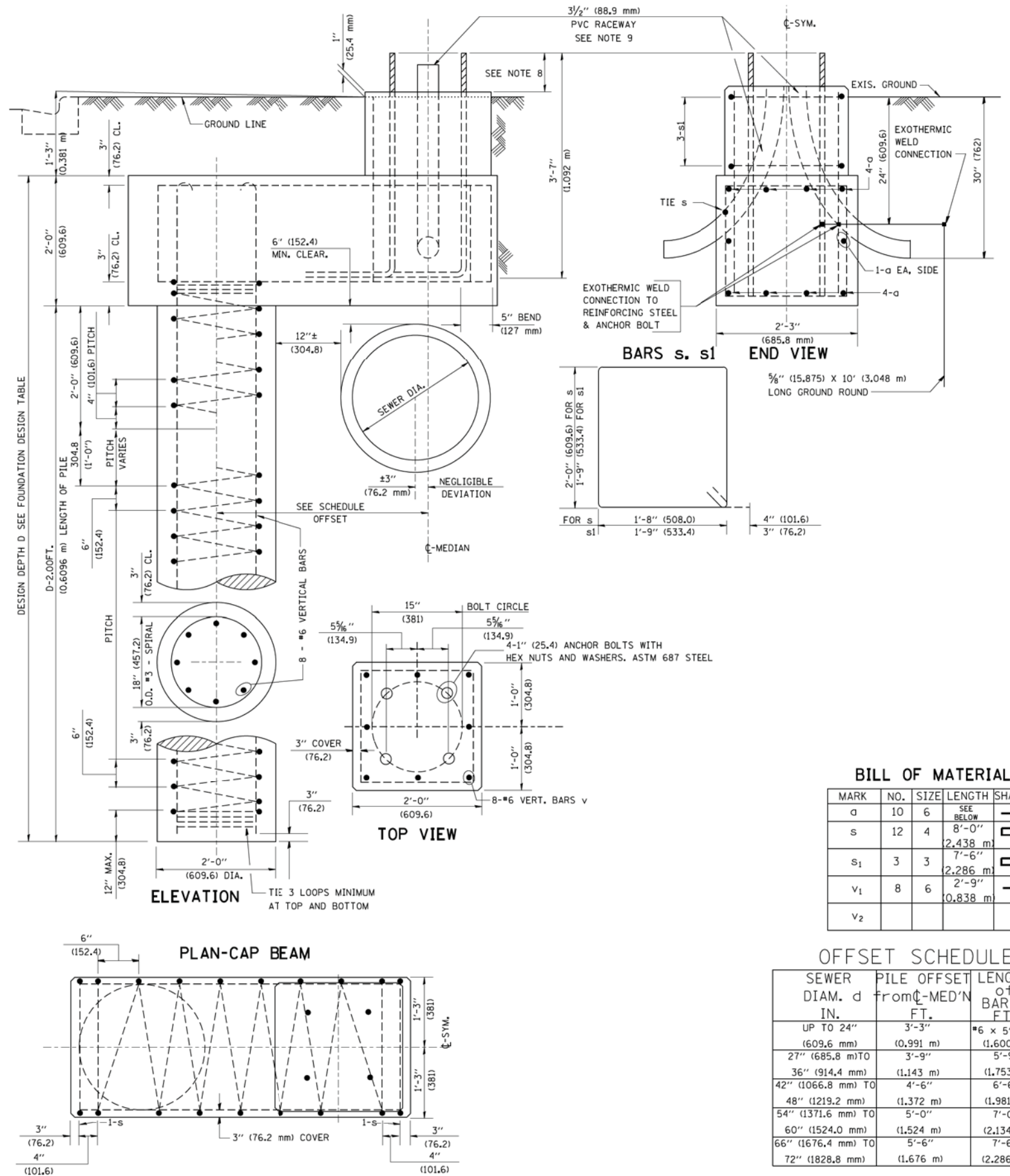
TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ATTEMPTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO.	

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENSION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERCTED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2,438 m)	□
s ₁	3	3	7'-6" (2,286 m)	□
v ₁	8	6	2'-9" (0,838 m)	—
v ₂				

OFFSET SCHEDULE

SEWER DIAM. d	PILE OFFSET from C-MED'N IN. FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1,600 m)
27" (685.8 mm) TO	3'-9" (1,143 m)	5'-9" (1,753 m)
36" (914.4 mm)	(1,143 m)	(1,753 m)
42" (1066.8 mm) TO	4'-6" (1,372 m)	6'-6" (1,981 m)
48" (1219.2 mm)	(1,372 m)	(1,981 m)
54" (1371.6 mm) TO	5'-0" (1,524 m)	7'-0" (2,134 m)
60" (1524.0 mm)	(1,524 m)	(2,134 m)
66" (1676.4 mm) TO	5'-6" (1,676 m)	7'-6" (2,286 m)
72" (1828.8 mm)	(1,676 m)	(2,286 m)

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 DRAWN -
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 CHECKED -
 PLOT DATE = 6/16/2008
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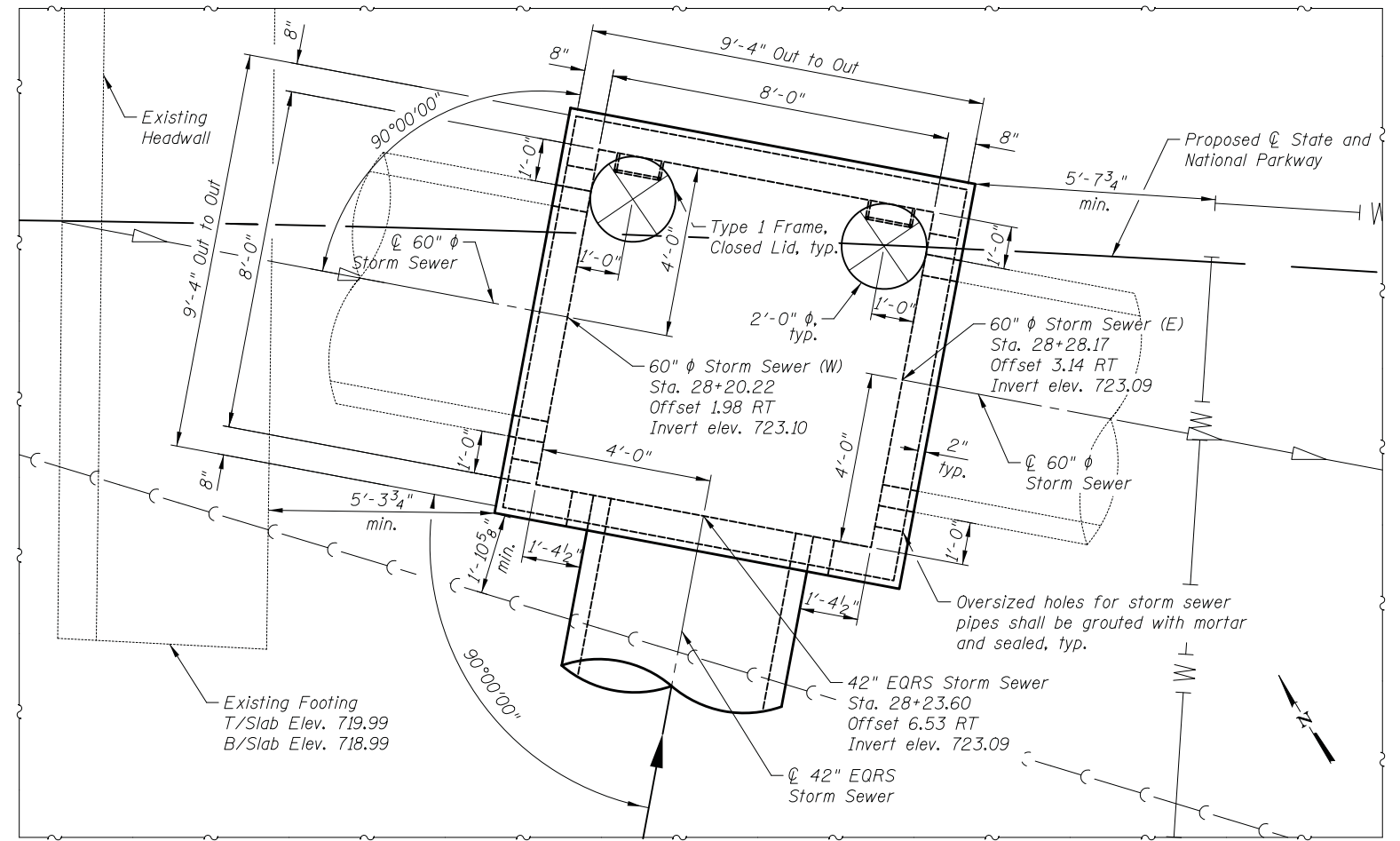
REVISOR - 06-16-08 R. TOMSONS
 REVISIONS -
 REVISIONS -
 REVISIONS -
 REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION OFFSET
 40" (12.192 m) TO 47 1/2" (14.478 m) M.H.
 15" (381 mm) BOLT CIRCLE

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

F.A.U. RTE. 1103 SECTION 15-00119-00-PV COUNTY COOK TOTAL SHEETS 277 SHEET NO. 195
 BE-310 CONTRACT NO. 61FOO
 ILLINOIS FED. AID PROJECT

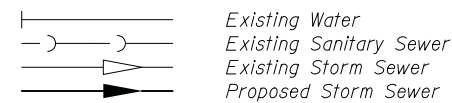


PLAN - JUNCTION CHAMBER

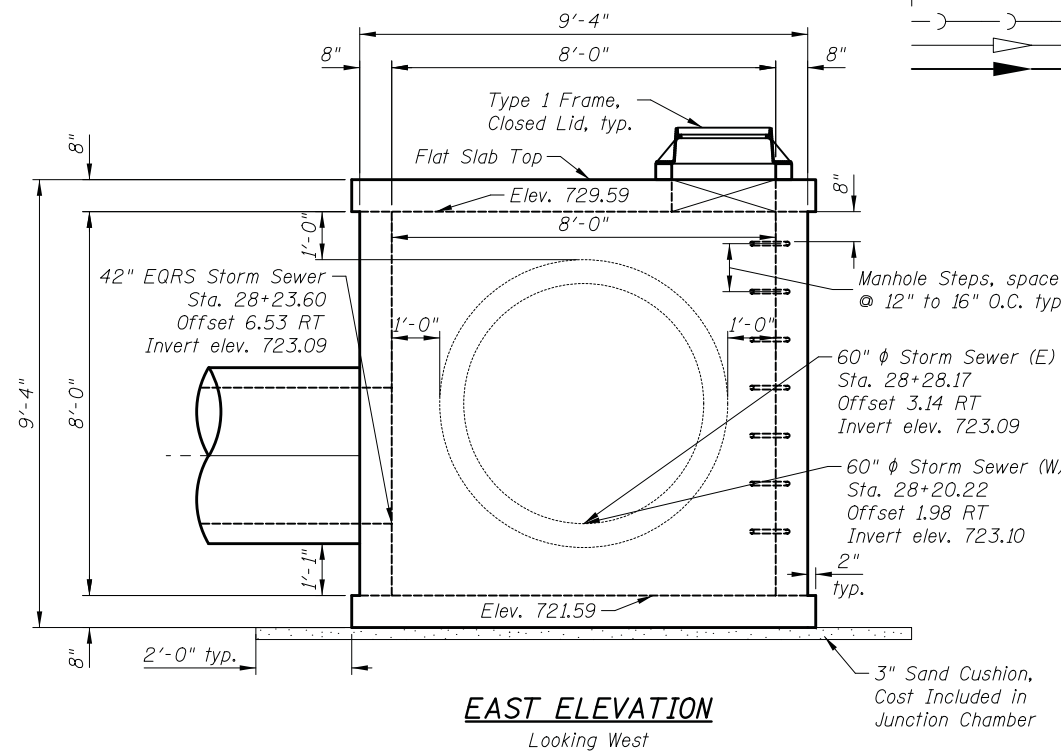
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Precast Concrete Junction Chamber	Each	1

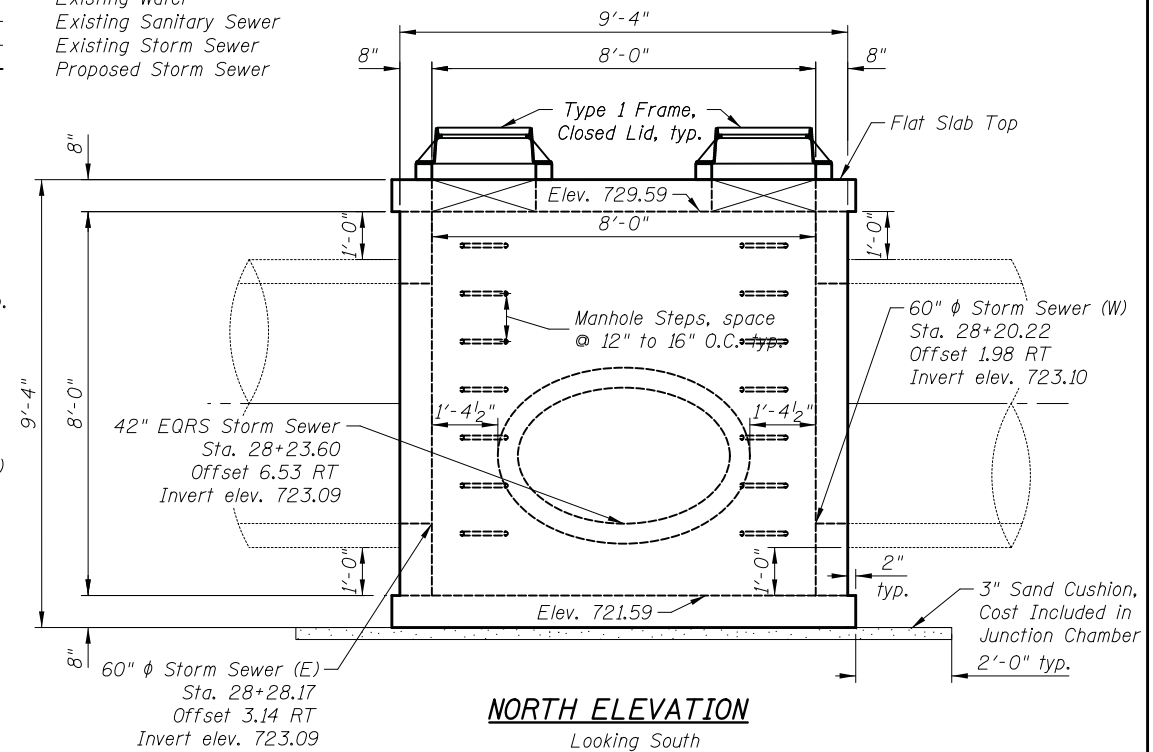
LEGEND



- Notes:
- See Standard 602701 for details of Manhole steps.
 - Joints will only be permitted at locations shown on the plan details or as approved by the Engineer.
 - The cost of Structure Excavation is incidental to Junction Chamber.
 - Oversized holes for storm sewer pipes shall be grouted with mortar and sealed.
 - See Drainage Sheet No. 6 for location and drainage details.



EAST ELEVATION
Looking West



NORTH ELEVATION
Looking South

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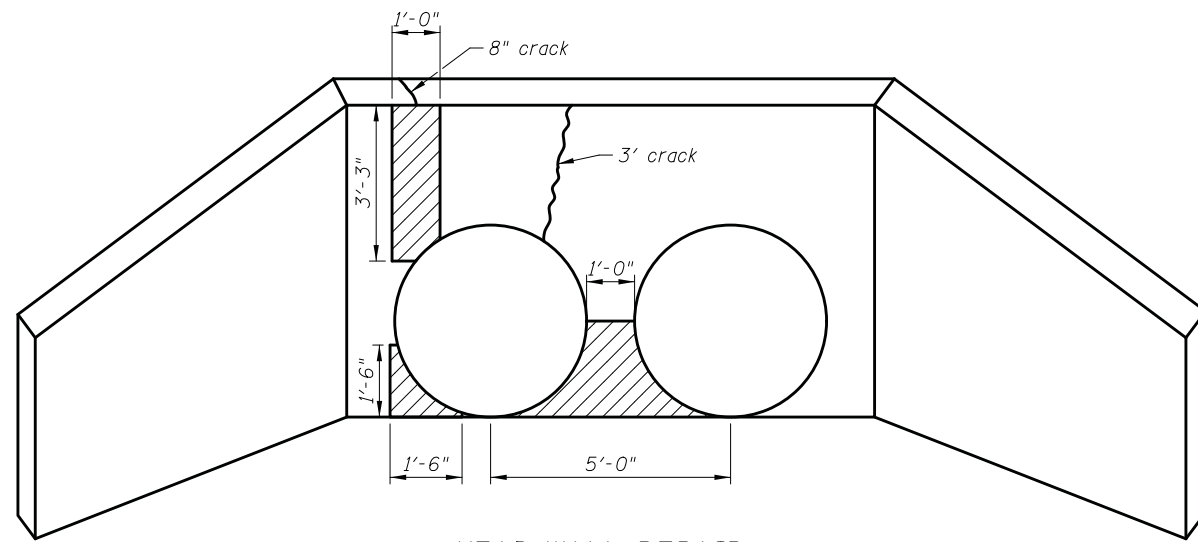
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DESIGNED	- JTS	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 10/05/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

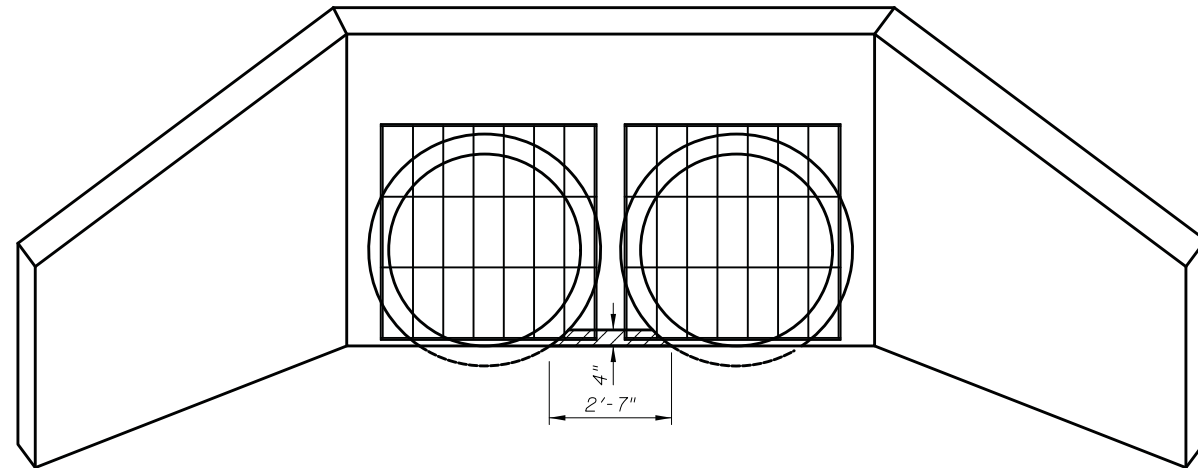
STATE AND NATIONAL PARKWAY IMPROVEMENTS
JUNCTION CHAMBER DETAILS

SHEET NO. S1 OF S1 SHEETS

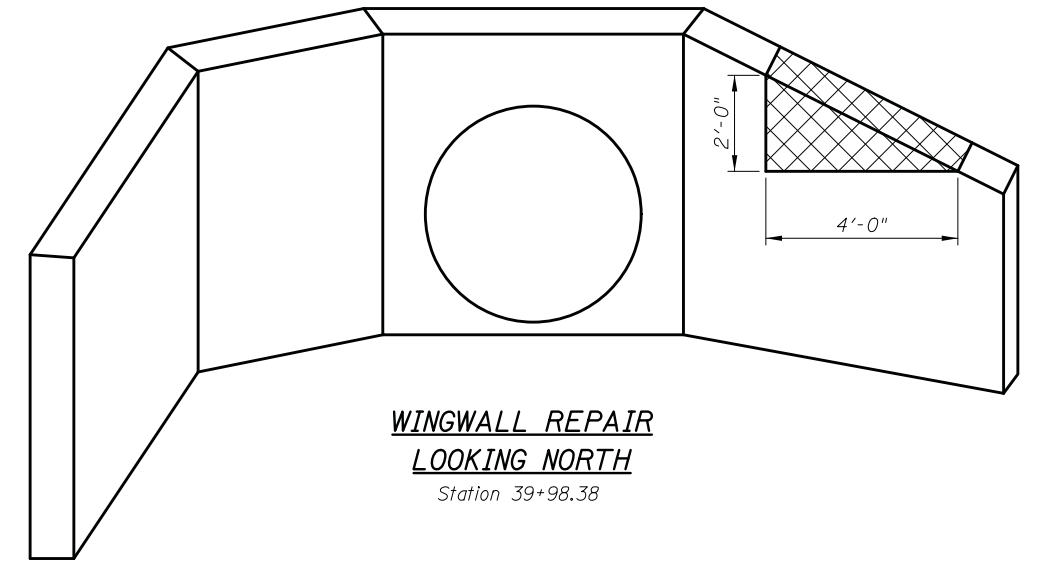
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	196
CONTRACT NO. 61FOO				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**HEAD WALL REPAIR
LOOKING NORTHEAST**
Station 27+81.00





**HEAD WALL REPAIR
LOOKING SOUTHWEST**
Station 27+81.00



**WINGWALL REPAIR
LOOKING NORTH**
Station 39+98.38

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Epoxy Crack Injection	ft.	4.0
Structural Repair of Concrete (Depth Equal to or Less than 5")	sq. ft.	9.0
Structural Repair of Concrete (Depth Greater than 5")	sq. ft.	8.0

-  Structural Repair of Concrete (Depth Equal to or Less than 5")
-  Structural Repair of Concrete (Depth Greater than 5")

NOTES

- Quantities for Structural Repair of Concrete are approximate. Quantities of Structural Repair of Concrete (Depth Equal to or less than 5"), and Structural Repair of Concrete (Depth Greater than 5"), were estimated from field observations.
- See the special provisions for In-Stream Work Plan requirements.

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DRAWN	- MPR	REVISED	-
DESIGNED	- JTS	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 10/05/2018	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

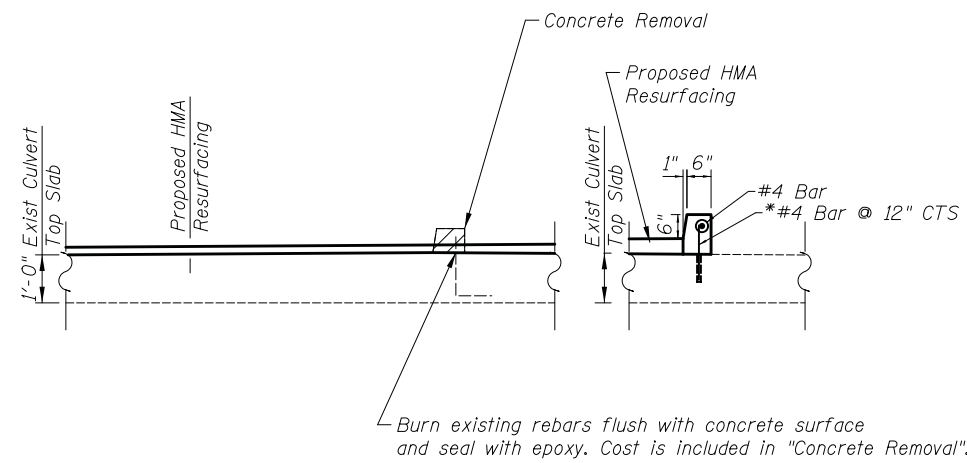
**STATE AND NATIONAL PARKWAY IMPROVEMENTS
HEADWALL AND WINGWALL REPAIR AND REMOVAL**

SHEET NO. S1 OF S1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	197
CONTRACT NO. 61F00				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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*Core and set #4 bar according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendation. Max depth of hole shall not exceed 6".

DRAWN	- MPR	REVISED	-
DESIGNED	- JTS	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 10/05/2018	REVISED	-

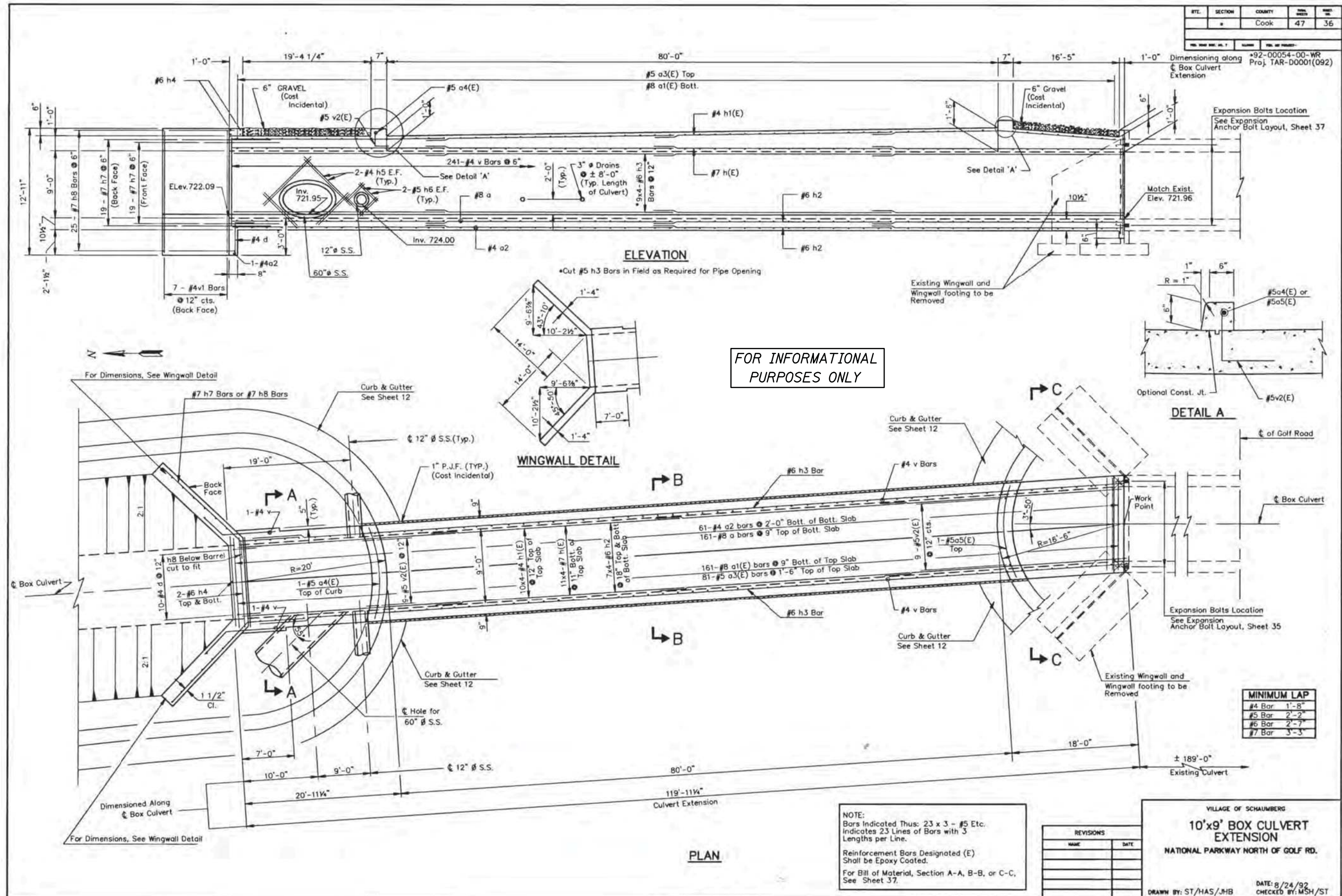
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE AND NATIONAL PARKWAY IMPROVEMENTS
CONCRETE CURB (SPECIAL) DETAIL**

SHEET NO. S1 OF S1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	198
CONTRACT NO. 61FOO				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ROUTE	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
1103	15-00119-00-PV	COOK	277	199



FOR INFORMATIONAL PURPOSES ONLY

MINIMUM LAP	
#4 Bar	1'-8"
#5 Bar	2'-2"
#6 Bar	2'-7"
#7 Bar	3'-3"

REVISIONS	
NAME	DATE

VILLAGE OF SCHAUMBERG
10'x9' BOX CULVERT EXTENSION
 NATIONAL PARKWAY NORTH OF GOLF RD.
 DATE: 8/24/92
 DRAWN BY: ST/HAS/JHB
 CHECKED BY: MSH/ST

DRAWN	- MPR	REVISED	-
DESIGNED	- JTS	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 10/05/2018	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
 BOX CULVERT RECORD PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-00119-00-PV	COOK	277	199

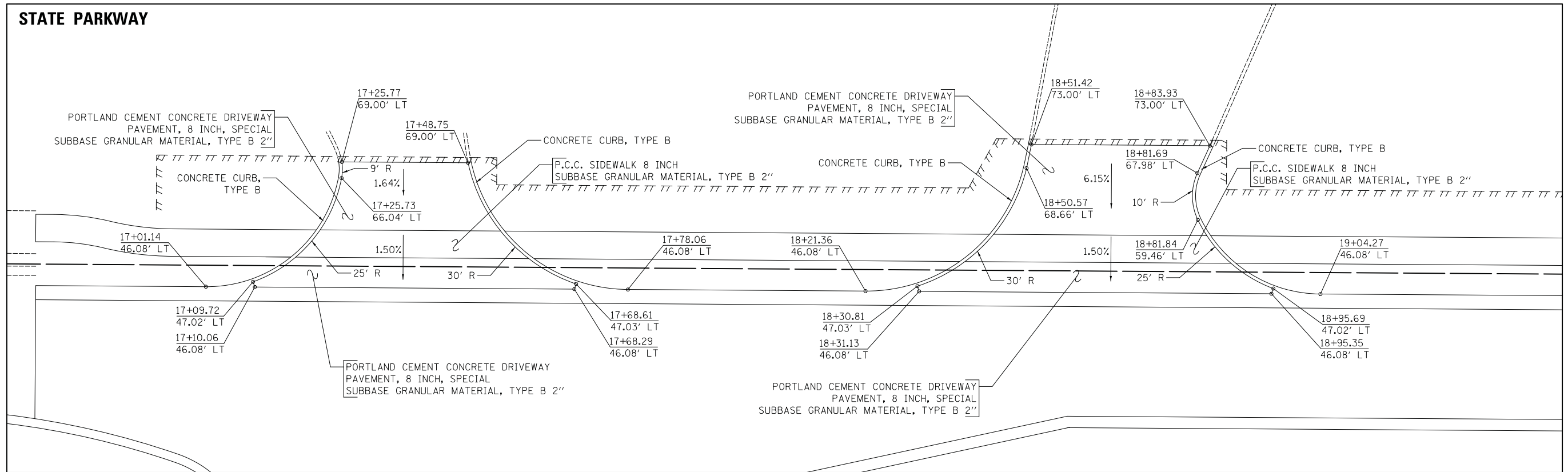
CONTRACT NO. 61F00

SHEET NO. S1 OF S1 SHEETS

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

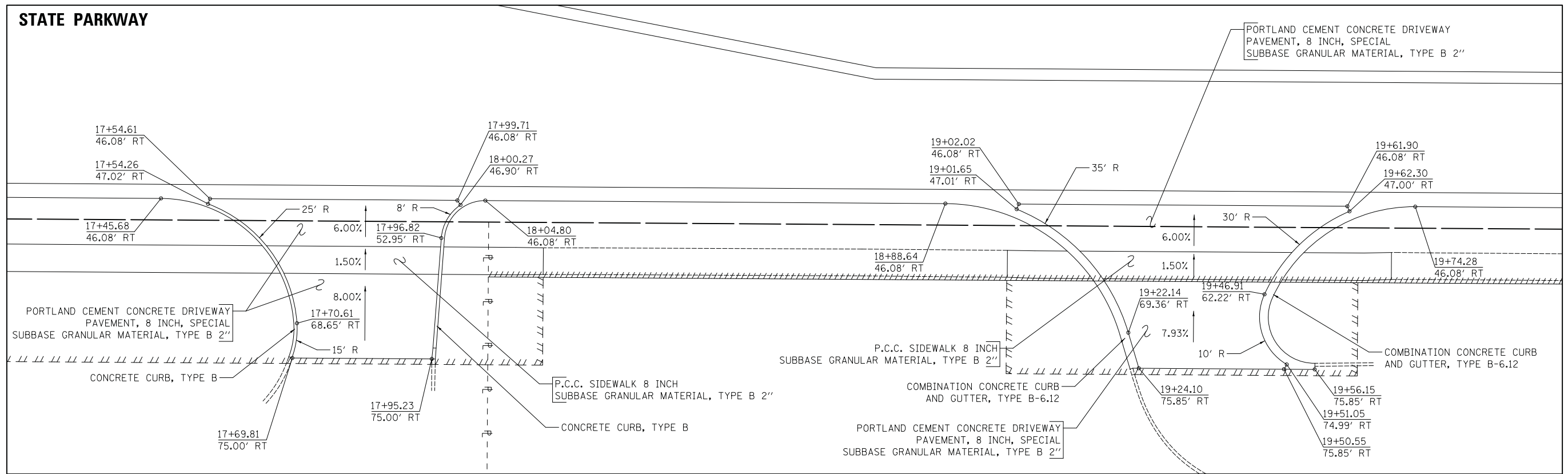
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DATE	
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PLAN	
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NOTE BOOK	
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DATE	
FILE NAME	



COMMERCIAL DRIVEWAYS AT STA. 17+37 AND 18+66

DATE	
BY	
PROFILE	
NO.	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
CHECKED	
DATE	
FILE NAME	



COMMERCIAL DRIVEWAYS AT STA. 17+83 AND 19+34



FILE NAME =
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USER NAME = jet	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 10/31/2018	DATE - 10/05/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE AND NATIONAL PARKWAY IMPROVEMENTS
DRIVEWAY DETAILS

SCALE: 1" = 10' SHEET 1 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	15-0019-00-PV	COOK	277	200
				CONTRACT NO. 61F00
ILLINOIS FED. AID PROJECT				