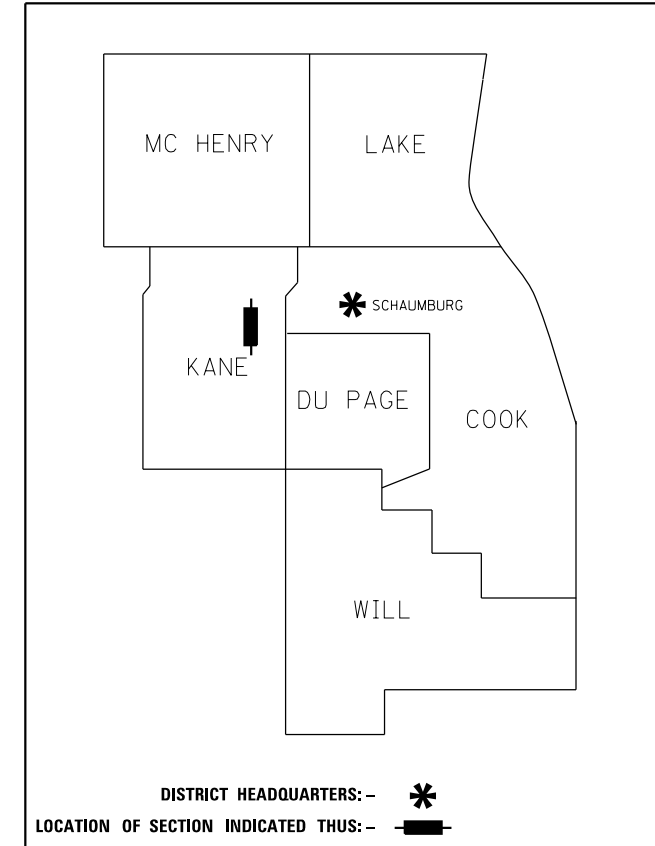


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PLAT OF HIGHWAYS**  
**SOUTH McLEAN BOULEVARD**  
**SECTION 18-00050-00-PV**  
**KANE COUNTY**  
**LIMITS SPRING ST. TO SOUTH LANCASTER**  
**R-91-003-22**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1P30002TE	TOM DETHVONGSA	4	
1P30003TE	NICHOLAS L. GIANARIS AND JOANNE M. GIANARIS, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	4	
1P30004TE	JOHNNY VILLALUZ, JR. AND MAY VILLALUZ, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	4	
1P30005TE	JOSEPH CARRICO DARLENE CARRICO, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	4	
1P30006TE	PHETSAMONE SIRPHONG, DIVORCED AND NOT REMARRIED	4	
1P30007TE	LEOBARDO GARZA AND AURORA GARZA, AS JOINT TENANTS	4	
1P30008TE	VERONICA VENANCIO-ENCARNACION	5	
1P30011TE	GUADALUPE VELA AND MARIA L. VELA, AS TENANTS IN COMMON	5	
1P30012TE	MARIO SOLIS AND GUADALUPE LUCERO, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	5	
1P30013TE	BRIAN JUSZCZYK AND KRISTINA JUSZCZYK, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	5	
1P30014TE	ANNA M. ANNORENO, AN UNMARRIED WOMAN AND SALVATORE V. ANNORENO, A SINGLE MAN, AS JOINT TENANTS	6	
1P30015TE	VANLOB KEOKANLAYA AND THIPPHAKESONE KEOKANLAYA, AS JOINT TENANTS	6	
1P30019	MICHAEL A. MASHERIS AND BELINDA MASHERIS, HIS WIFE, IN JOINT TENANCY	7	
1P30021	FEDERICO L. CINTORA AND NOEMI G. CINTORA, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	8	
1P30023	JOSEPH J. ROMANDO JR., AS TRUSTEE OF THE JOSEPH J. ROMANDO JR. REVOCABLE TRUST DATED OCTOBER 7TH, 2010	8	
1P30024	THOMAS E. GHOLSON AND RITA A. GHOLSON, CO-TRUSTEES OF THE GHOLSON FAMILY REVOCABLE TRUST NO. 100 DATED SEPTEMBER 6, 2018	8	
1P30025TE	FIRST COMMUNITY BANK, AN ILLINOIS BANKING ASSOCIATION	8	
1P30026TE	BASSAM I. NASSER, AS TRUSTEE OF THE BASSAM I. NASSER LIVING TRUST DATED MAY 9, 1998	8	
1P30027TE-A	BECKETT'S LANDING HOMEOWNERS ASSOCIATION, AN ILLINOIS NOT-FOR-PROFIT CORPORATION	2, 3	



**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



**LOCATION MAP**

SCALE: 1" = 1000'  
GROSS LENGTH = 4244.76 FT. = 0.804 MILE  
NET LENGTH = 4244.76 FT. = 0.804 MILE

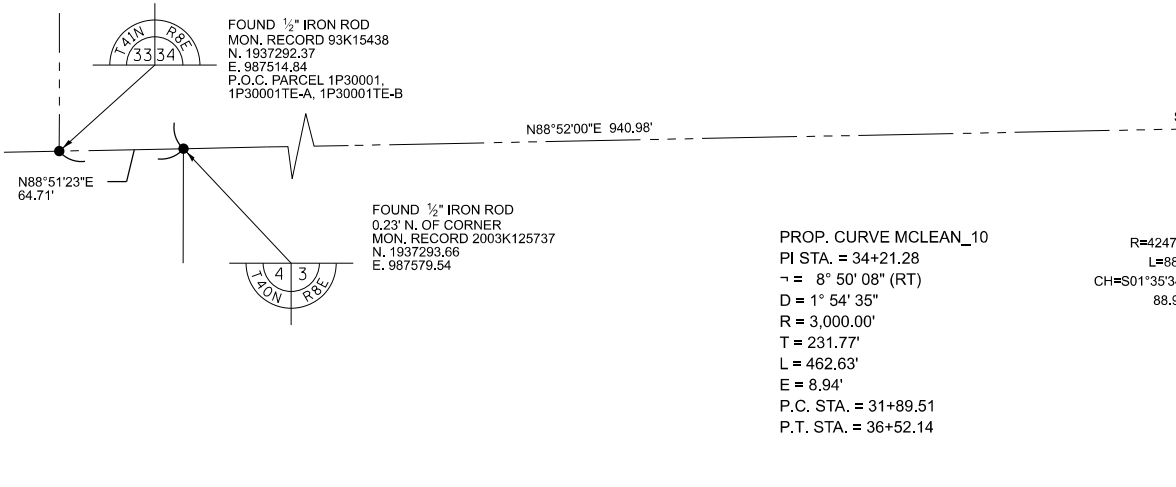
PROJECT COORDINATES IL STATE PLANE, EAST ZONE, NAD 83 (2011)			
STATION	OFFSET	NORTHING	EASTING
0+00.00	0.0' LT	1,933,991.86	989,045.45
10+00.00	0.0' LT	1,934,971.41	988,844.25
14+50.28	(P.C.)	1,935,413.47	988,758.63
16+93.14	(P.L)	1,935,651.89	988,712.45
19+35.52	(P.T.)	1,935,893.90	988,692.20
22+74.67	0.0' LT	1,936,231.88	988,663.91
31+89.51	(P.C.)	1,937,144.46	988,599.69
33+98.29	P.O.B. 1P30027TE-A	1,937,353.01	988,520.80
34+21.28	(P.L)	1,937,375.66	988,563.42
36+00.90	TE	1,937,560.23	988,528.71
36+52.14	(P.T.)	1,937,606.61	988,602.86
39+00.00	TE	1,937,859.47	988,553.89
39+50.00	P.O.B. 1P30027TE-B	1,937,909.29	988,558.09
41+08.15	TE	1,938,066.89	988,571.35
42+01.50	TE	1,938,148.79	988,711.35
42+08.15	P.O.B. 1P30001	1,938,166.83	988,576.32
42+26.72	PROP. R.O.W.	1,938,183.83	988,595.65
42+73.13	TE	1,938,220.17	988,717.35
43+61.77	TE	1,938,308.49	988,724.77
44+31.77	TE	1,938,378.25	988,730.64
45+01.77	TE	1,938,448.00	988,736.50
45+89.74	TE	1,938,535.66	988,743.87
47+19.13	TE	1,938,664.60	988,754.71
48+29.37	TE	1,938,774.45	988,763.94
49+71.17	TE	1,938,915.75	988,775.82
50+41.49	TE	1,938,985.82	988,781.71
51+16.49	TE	1,939,060.56	988,788.00
51+91.49	TE	1,939,135.30	988,794.28
52+66.49	TE	1,939,210.03	988,800.56
53+58.16	TE	1,939,301.38	988,808.24
53+99.86	TE	1,939,342.94	988,811.73
53+99.86	TE	1,939,343.78	988,801.77

PROJECT COORDINATES IL STATE PLANE, EAST ZONE, NAD 83 (2011)			
STATION	OFFSET	NORTHING	EASTING
57+47.55	PROP. R.O.W.	52.52' RT	1,939,690.24
57+47.89	P.O.B. 1P30016	42.12' RT	1,939,691.46
57+50.91	PROP. R.O.W.	52.51' LT	1,939,702.40
57+51.09	PROP. R.O.W.	58.98' LT	1,939,703.12
58+77.52	PROP. R.O.W.	52.15' RT	1,939,819.79
58+94.00	PROP. R.O.W.	58.91' LT	1,939,845.52
60+35.08	PROP. R.O.W.	58.84' LT	1,939,986.10
61+74.45	P.O.B. 1P30020TE	58.77' LT	1,940,124.98
61+74.74	TE	68.77' LT	1,940,126.10
61+95.45	TE	58.76' LT	1,940,145.90
61+95.46	TE	68.76' LT	1,940,146.74
63+12.15	PROP. R.O.W.	58.70' LT	1,940,262.18
64+48.25	PROP. R.O.W.	58.64' LT	1,940,397.80
65+46.50	(P.C.)	0.0' LT	1,940,490.78
65+82.25	P.O.B. 1P30023TE	58.66' LT	1,940,531.60
65+82.37	TE	63.66' LT	1,940,532.16
65+85.30	(P.L)	0.0' LT	1,940,529.44
65+88.64	TE	53.40' RT	1,940,527.99
65+88.66	TE	58.40' RT	1,940,527.56
66+23.99	TE	58.19' RT	1,940,562.49
66+24.10	(P.T.)	0.0' LT	1,940,568.07
66+24.10	P.O.B. 1P30025TE P.O.B. 1P30026TE	53.19' RT	1,940,563.07
66+38.87	TE	64.10' LT	1,940,588.81
66+38.92	TE	59.10' LT	1,940,588.39
66+58.21	TE	52.91' RT	1,940,597.05
66+58.25	TE	57.90' RT	1,940,596.62
67+14.94	PROP. R.O.W.	59.85' LT	1,940,664.14
68+45.78	PROP. R.O.W.	61.14' LT	1,940,794.53
68+64.17	(P.C.)	0.0' LT	1,940,807.07
69+09.32	(P.L)	0.0' LT	1,940,852.03
69+54.47	(P.T.)	0.0' LT	1,940,897.03
73+83.93		0.0' LT	1,941,325.04

**IDOT USE ONLY**

PART OF SECTION 34, TWP. 41 N., R. 8 E. AND SECTION 3, TWP. 40 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

SEE SHEET 3 OF 8



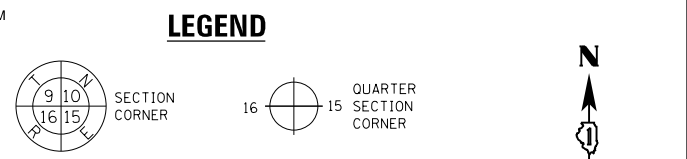
PROP. CURVE MCLEAN\_10  
 PI STA. = 34+21.28  
 Δ = 8° 50' 08" (RT)  
 D = 1° 54' 35"  
 R = 3,000.00'  
 T = 231.77'  
 L = 462.63'  
 E = 8.94'  
 P.C. STA. = 31+89.51  
 P.T. STA. = 36+52.14

R=4247.18'  
 L=88.91'  
 CH=S01°35'34"E  
 88.90'

32+71.33  
 56.51' LT  
 FOUND 5/8" IRON PIPE AT CORNER

31+15.16  
 59.18' LT  
 FOUND 5/8" IRON ROD AT CORNER

FOUND ALUMINUM MONUMENT MON. RECORD 2014K025363 N. 1937344.85 E. 990154.11



- LEGEND**
- SECTION / QUARTER SECTION LINE
  - PLATTED LOT LINES
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
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  - MEASURED DIMENSION
  - COMPUTED DIMENSION
  - RECORDED DIMENSION
  - EXISTING BUILDING
- IRON PIPE OR ROD FOUND
  - + CUT CROSS FOUND OR SET
  - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - T2
  - T3
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT2
  - BT3
  - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH 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. STANDARD 667101-02 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
 JSS  
 COUNTY OF KANE )

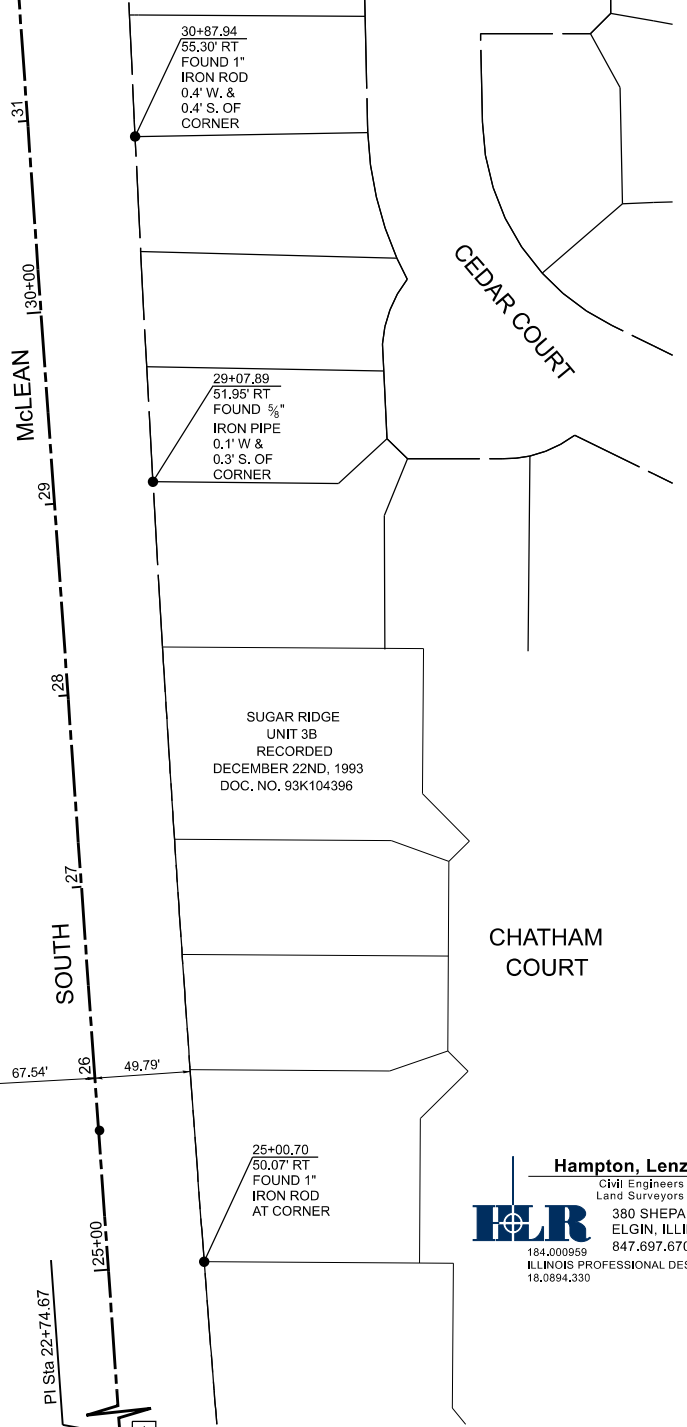
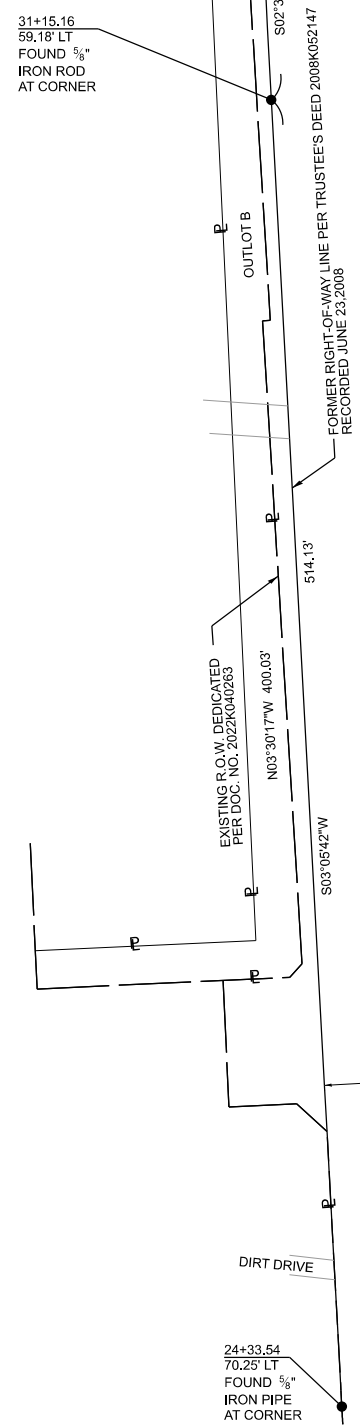
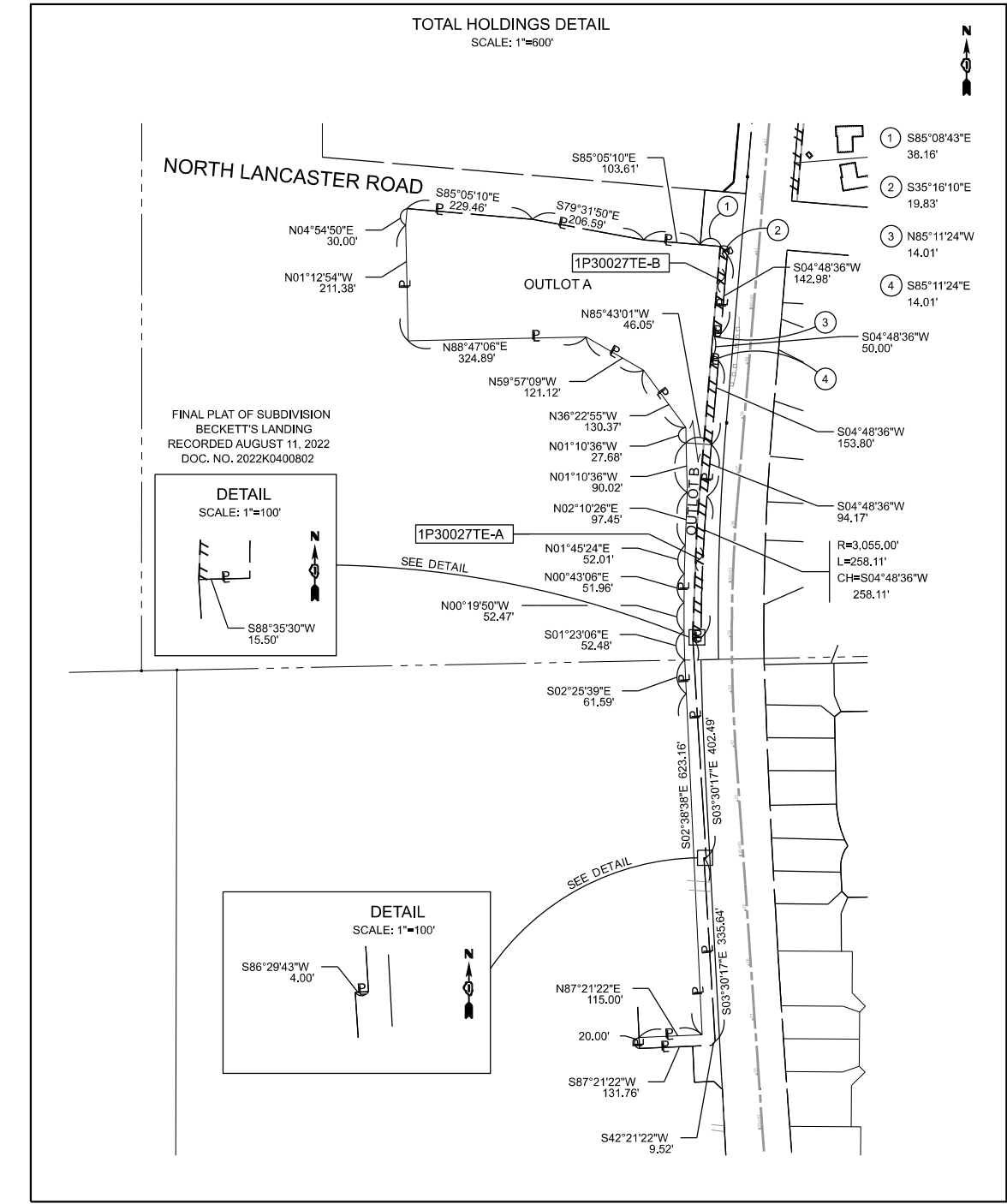
THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 NORTH, RANGE 8 EAST AND SECTION 34, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE 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 \_\_\_\_\_ ILLINOIS THIS DAY OF \_\_\_\_\_ 20 A.D. \_\_\_\_\_

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
 LICENSE EXPIRATION DATE: NOV. 30, 2022



- NOTES:
- THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.
  - ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. ALL BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
  - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GRID DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999941715.
  - AREAS SHOWN ON THIS PLAT ARE GROUND.
  - FIELD WORK COMPLETED APRIL 8TH, 2021.



**Hampton, Lenzl and Renwick, Inc.**  
 Civil Engineers - Structural Engineers  
 Land Surveyors - Environmental Services  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hlrengineering.com  
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
 18,0894,330

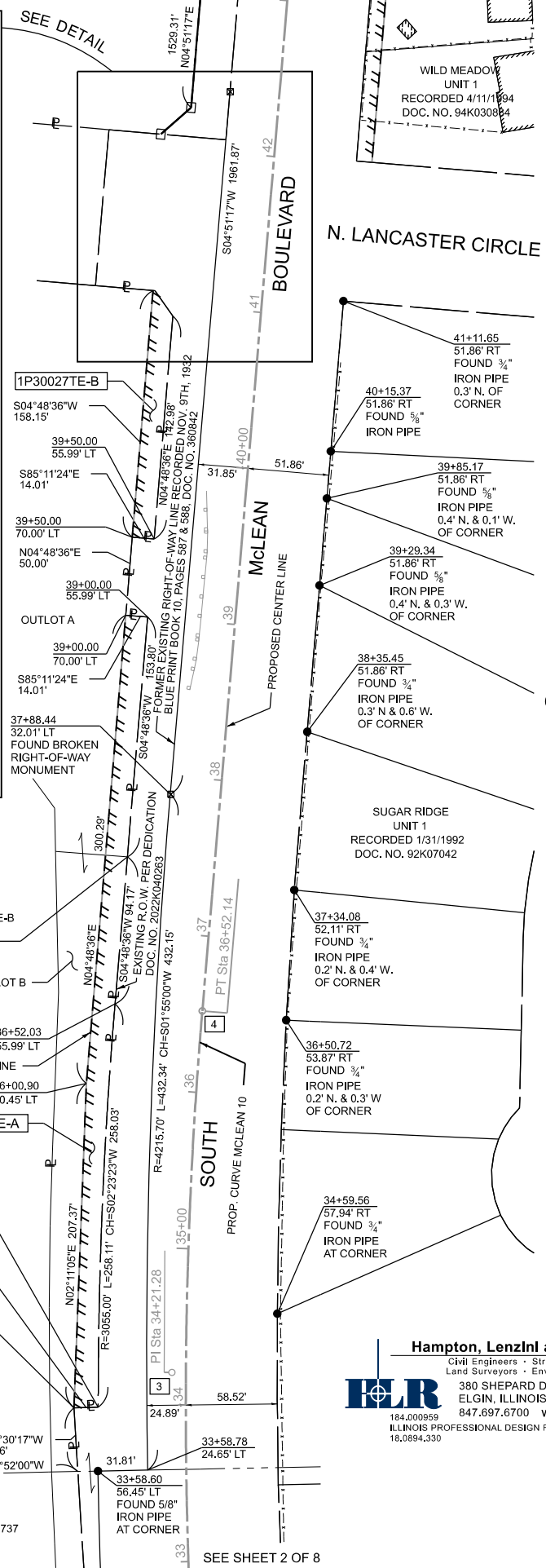
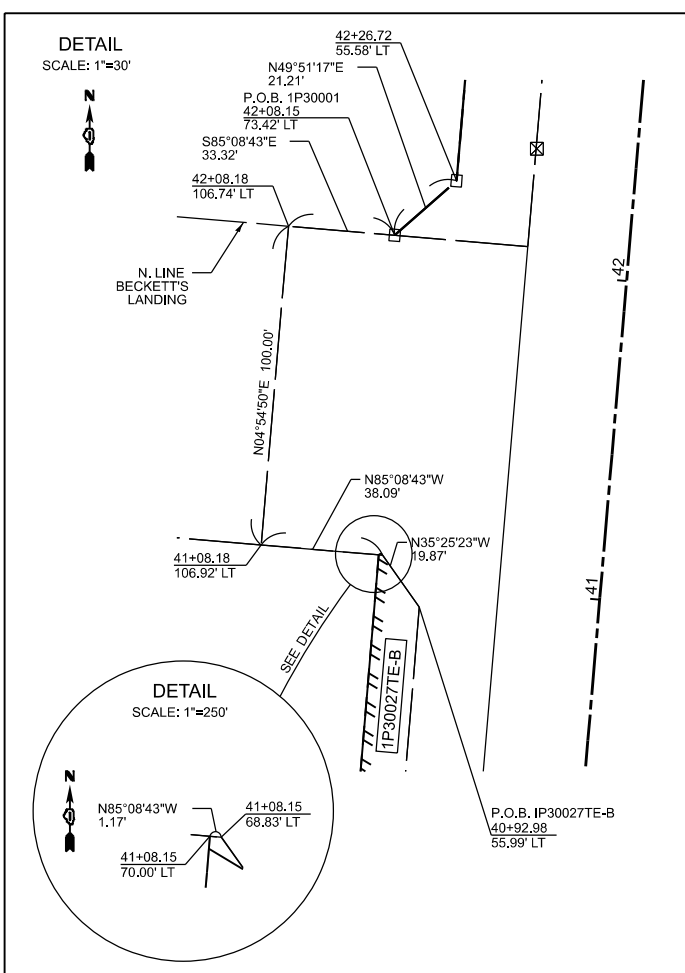
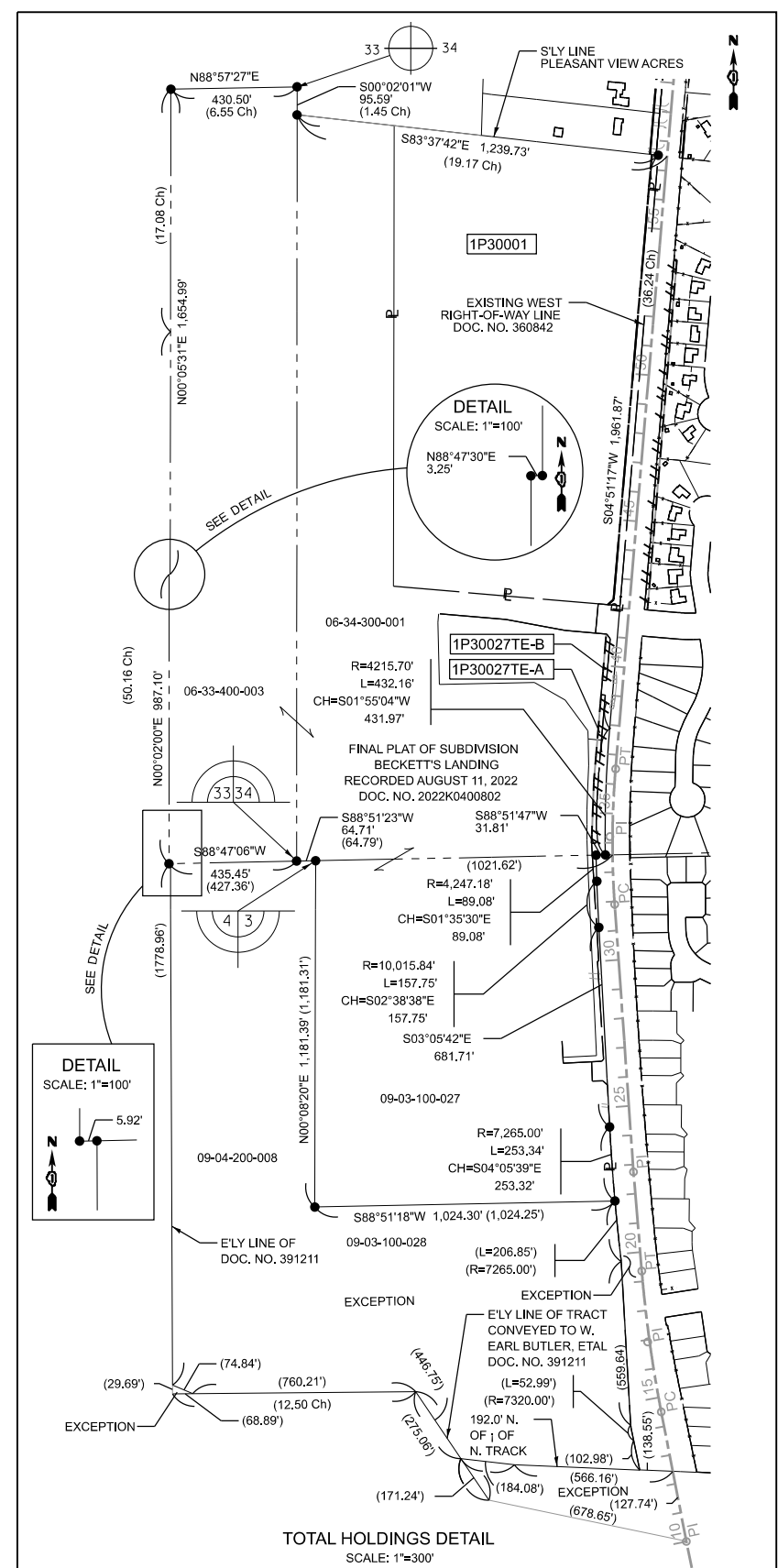
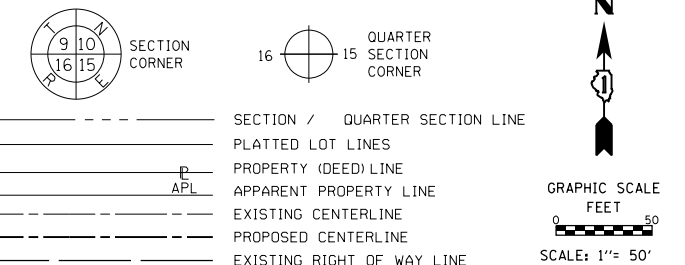
**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SOUTH McLEAN BOULEVARD

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
 SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
 STA. 22+74.67 TO STA. 34+00  
 SCALE: 1"=50' SHEET 2 OF 8 SHEETS

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

REVISION DATE: / / REVISION MADE BY:

**LEGEND**



PROP. CURVE MCLEAN\_10  
 PI STA. = 34+21.28  
 D = 8° 50' 08" (RT)  
 D = 1° 54' 35"  
 R = 3,000.00'  
 T = 231.77'  
 L = 462.63'  
 E = 8.94'  
 P.C. STA. = 31+89.51  
 P.T. STA. = 36+52.14

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
1P30001	29.985 Ac±	0.818 Ac±	NA	29.167 Ac±	NA	NA	06-34-300-007
1P30027TE-A	3.881 Ac±	NA	NA	NA	0.162 Ac±	NA	06-34-300-001 (pt)
1P30027TE-B		NA	NA	NA	0.049 Ac±	NA	09-03-100-027

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ \*MAG\* NAIL SET
- 5 / 8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
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- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
 JSS  
 COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 NORTH, RANGE 8 EAST AND SECTION 34, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 \_\_\_\_\_ ILLINOIS THIS DAY OF \_\_\_\_\_ 20 A.D. \_\_\_\_\_

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
 LICENSE EXPIRATION DATE: NOV. 30, 2022

- NOTES:
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  - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999941715.
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 184.000959 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
 18.0894.330

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SOUTH McLEAN BOULEVARD

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
 SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
 STA. 33+00 TO STA. 43+00  
 SCALE: 1"=50' SHEET 3 OF 8 SHEETS

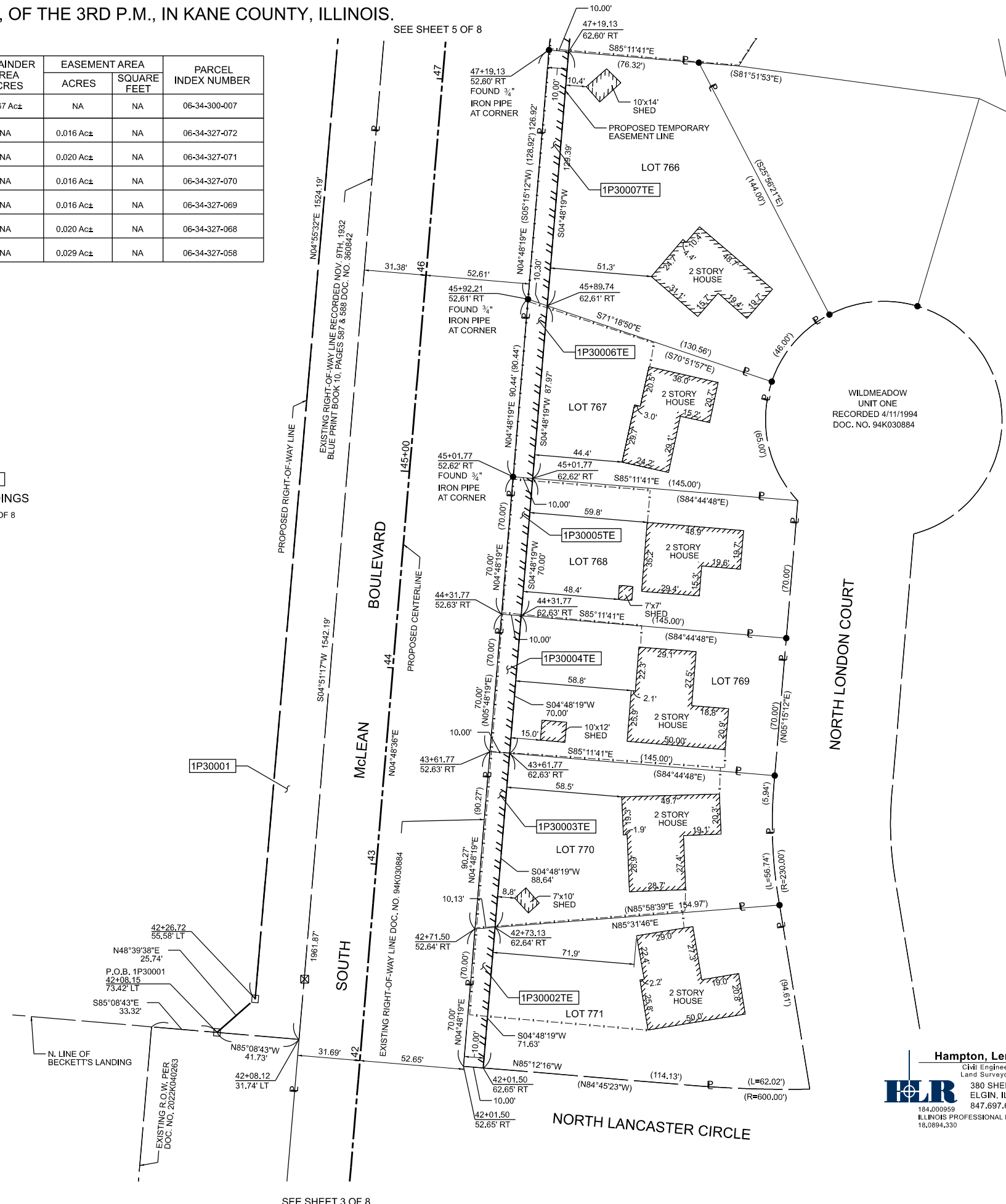
**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196



PART OF SECTION 34, TWP. 41 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P30001	29.985 Ac±	0.818 Ac±	NA	29.167 Ac±	NA	NA	06-34-300-007
1P30002TE	0.314 Ac±	NA	NA	NA	0.016 Ac±	NA	06-34-327-072
1P30003TE	0.265 Ac±	NA	NA	NA	0.020 Ac±	NA	06-34-327-071
1P30004TE	0.233 Ac±	NA	NA	NA	0.016 Ac±	NA	06-34-327-070
1P30005TE	0.233 Ac±	NA	NA	NA	0.016 Ac±	NA	06-34-327-069
1P30006TE	0.222 Ac±	NA	NA	NA	0.020 Ac±	NA	06-34-327-068
1P30007TE	0.389 Ac±	NA	NA	NA	0.029 Ac±	NA	06-34-327-058

1P30001  
TOTAL HOLDINGS  
SEE SHEET 3 OF 8



SEE SHEET 3 OF 8

SEE SHEET 5 OF 8

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- 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
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- \*MAG\* NAIL SET
- CUT CROSS FOUND OR SET
- 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
JSS  
COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 40 NORTH, RANGE 8 EAST AND SECTION 34, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 \_\_\_\_\_ ILLINOIS THIS DAY OF \_\_\_\_\_ 20 A.D. \_\_\_\_\_

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
LICENSE EXPIRATION DATE: NOV. 30, 2022

- NOTES:
- THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.
  - ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. ALL BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
  - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999941715.
  - AREAS SHOWN ON THIS PLAT ARE GROUND.
  - FIELD WORK COMPLETED APRIL 8TH, 2021.

**Hampton, Lenzini and Renwick, Inc.**  
Civil Engineers - Structural Engineers  
Land Surveyors - Environmental Services  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
847.697.6700 www.hlrengineering.com  
184.000959  
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
18.0894.330

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**SOUTH McLEAN BOULEVARD**

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
STA. 42+00 TO STA. 47+19.13  
SCALE: 1"=30' SHEET 4 OF 8 SHEETS

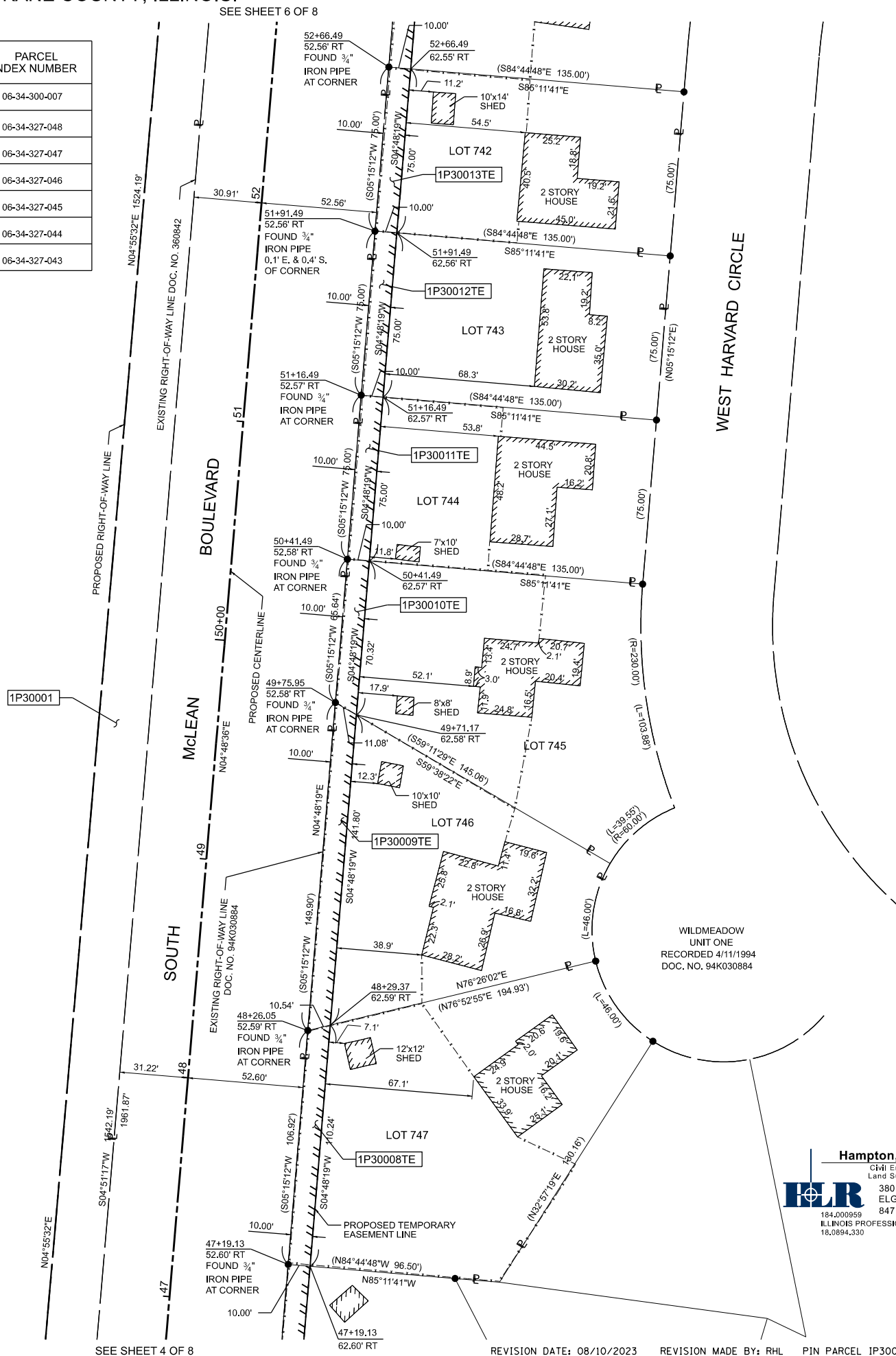
**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**



PART OF SECTION 34, TWP. 41 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P30001	29.985 Ac±	0.818 Ac±	NA	29.167 Ac±	NA	NA	06-34-300-007
1P30008TE	0.382 Ac±	NA	NA	NA	0.025 Ac±	NA	06-34-327-048
1P30009TE	0.287 Ac±	NA	NA	NA	0.033 Ac±	NA	06-34-327-047
1P30010TE	0.324 Ac±	NA	NA	NA	0.016 Ac±	NA	06-34-327-046
1P30011TE	0.232 Ac±	NA	NA	NA	0.017 Ac±	NA	06-34-327-045
1P30012TE	0.232 Ac±	NA	NA	NA	0.017 Ac±	NA	06-34-327-044
1P30013TE	0.232 Ac±	NA	NA	NA	0.017 Ac±	NA	06-34-327-043

1P30001  
TOTAL HOLDINGS  
SEE SHEET 3 OF 8



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- 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
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- \*MAG\* NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- 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" IRON 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. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
JSS  
COUNTY OF KANE )

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DATED AT \_\_\_\_\_ ILLINOIS THIS DAY OF \_\_\_\_\_ 20 A.D. \_\_\_\_\_

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
LICENSE EXPIRATION DATE: NOV. 30, 2022

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ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
184,000,959  
18,089,433

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**SOUTH McLEAN BOULEVARD**

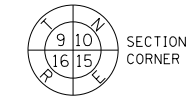
LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
STA. 47+00 TO STA. 52+66.49  
SCALE: 1"=30' SHEET 5 OF 8 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196

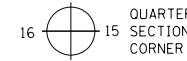
**IDOT USE ONLY**

PART OF SECTION 34, TWP. 41 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

**LEGEND**

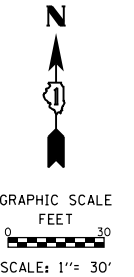


SECTION CORNER



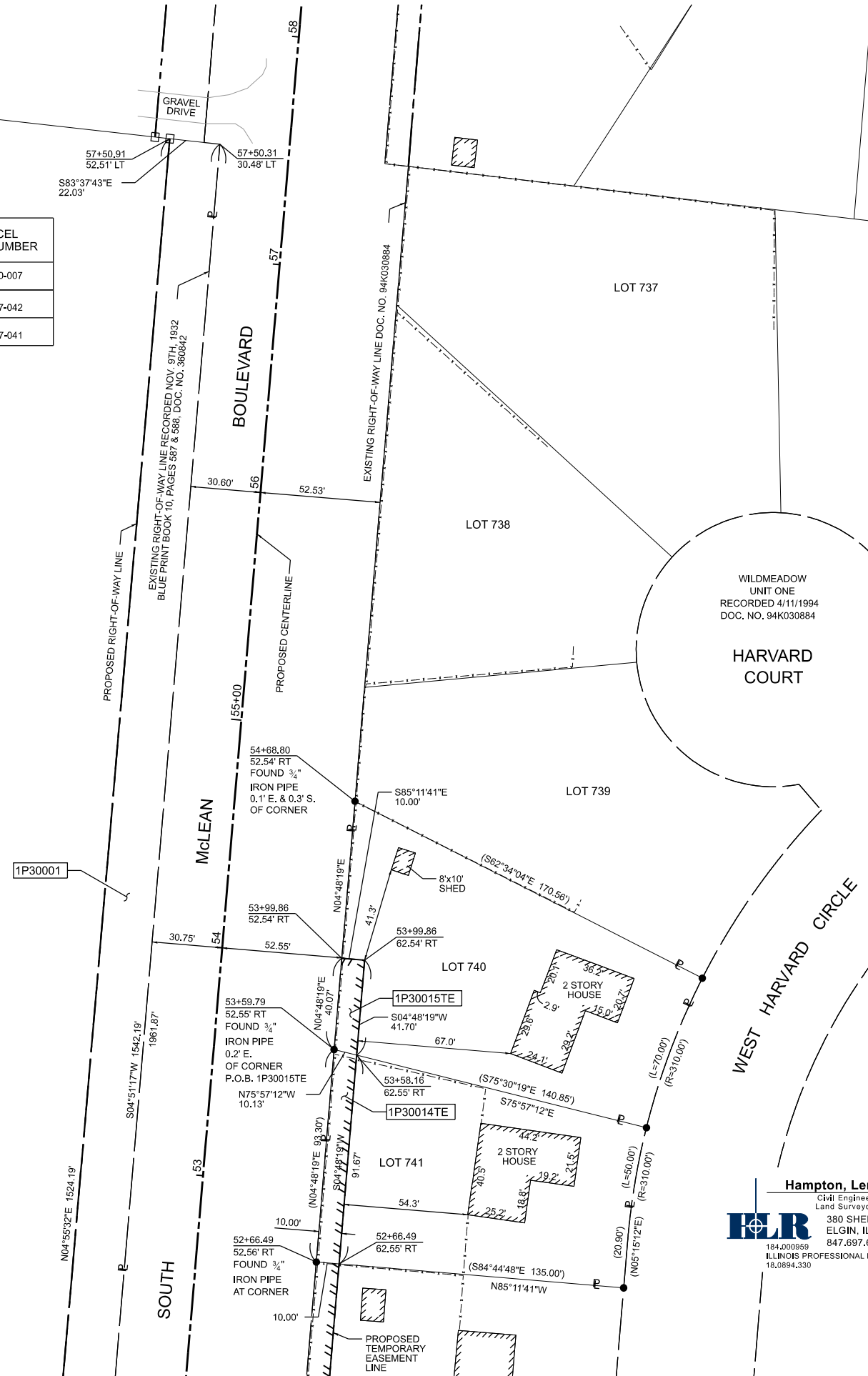
QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
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- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P30001	29,985 Ac±	0,818 Ac±	NA	29,167 Ac±	NA	NA	06-34-300-007
1P30014TE	0,257 Ac±	NA	NA	NA	0,021 Ac±	NA	06-34-327-042
1P30015TE	0,308 Ac±	NA	NA	NA	0,009 Ac±	409 S.F.	06-34-327-041

1P30001  
TOTAL HOLDINGS  
SEE SHEET 3 OF 8



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ \*MAG\* NAIL SET
- 5 / 8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
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STATE OF ILLINOIS )  
JSS  
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DATED AT \_\_\_\_\_ ILLINOIS THIS DAY OF \_\_\_\_\_ 20 A.D. \_\_\_\_\_

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
LICENSE EXPIRATION DATE: NOV. 30, 2022

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Land Surveyors - Environmental Services  
**HLR**  
380 SHEPARD DRIVE  
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**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**SOUTH McLEAN BOULEVARD**

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
STA. 52+66.49 TO STA. 58+00.00  
SCALE: 1"=30' SHEET 6 OF 8 SHEETS

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

DOT USE ONLY

PART OF SECTION 34, TWP. 41 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
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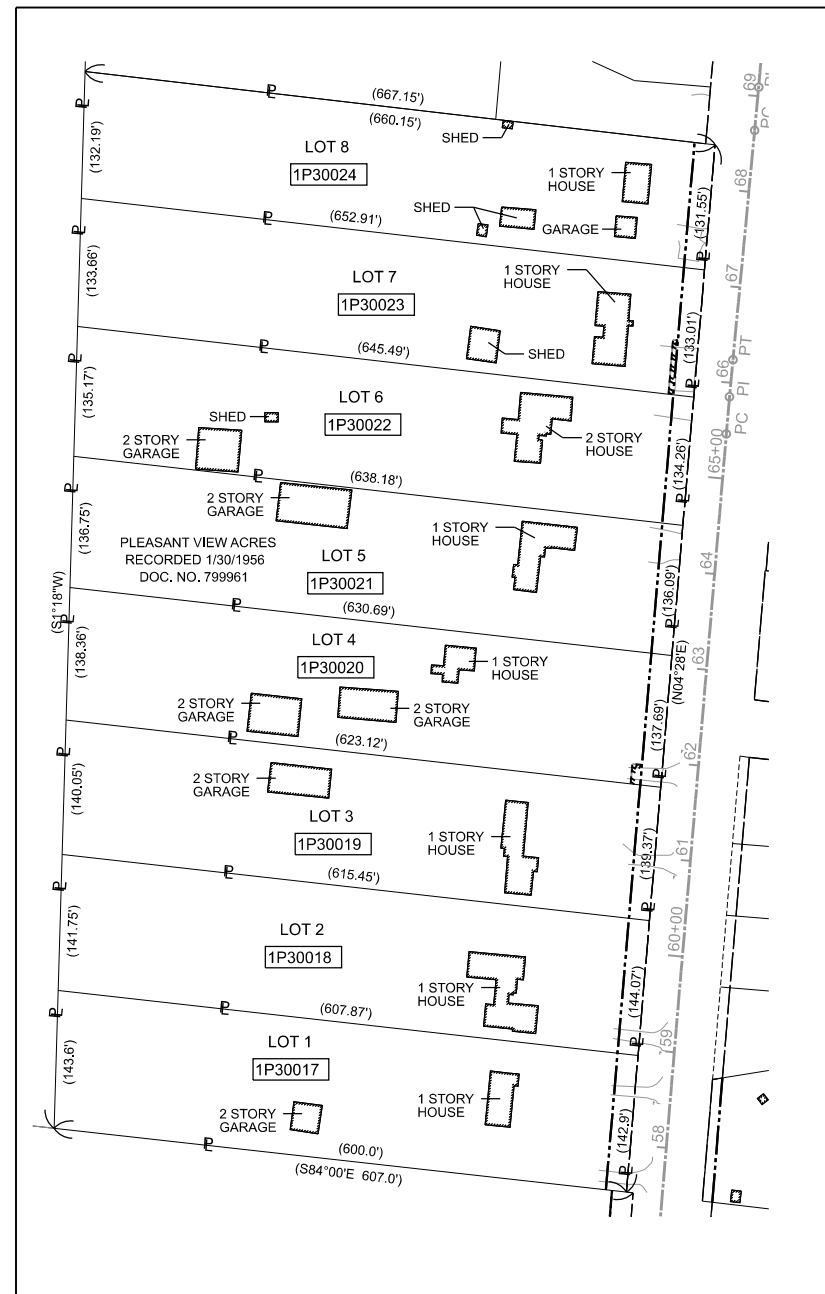


DATED AT ILLINOIS THIS DAY OF 20 A.D.

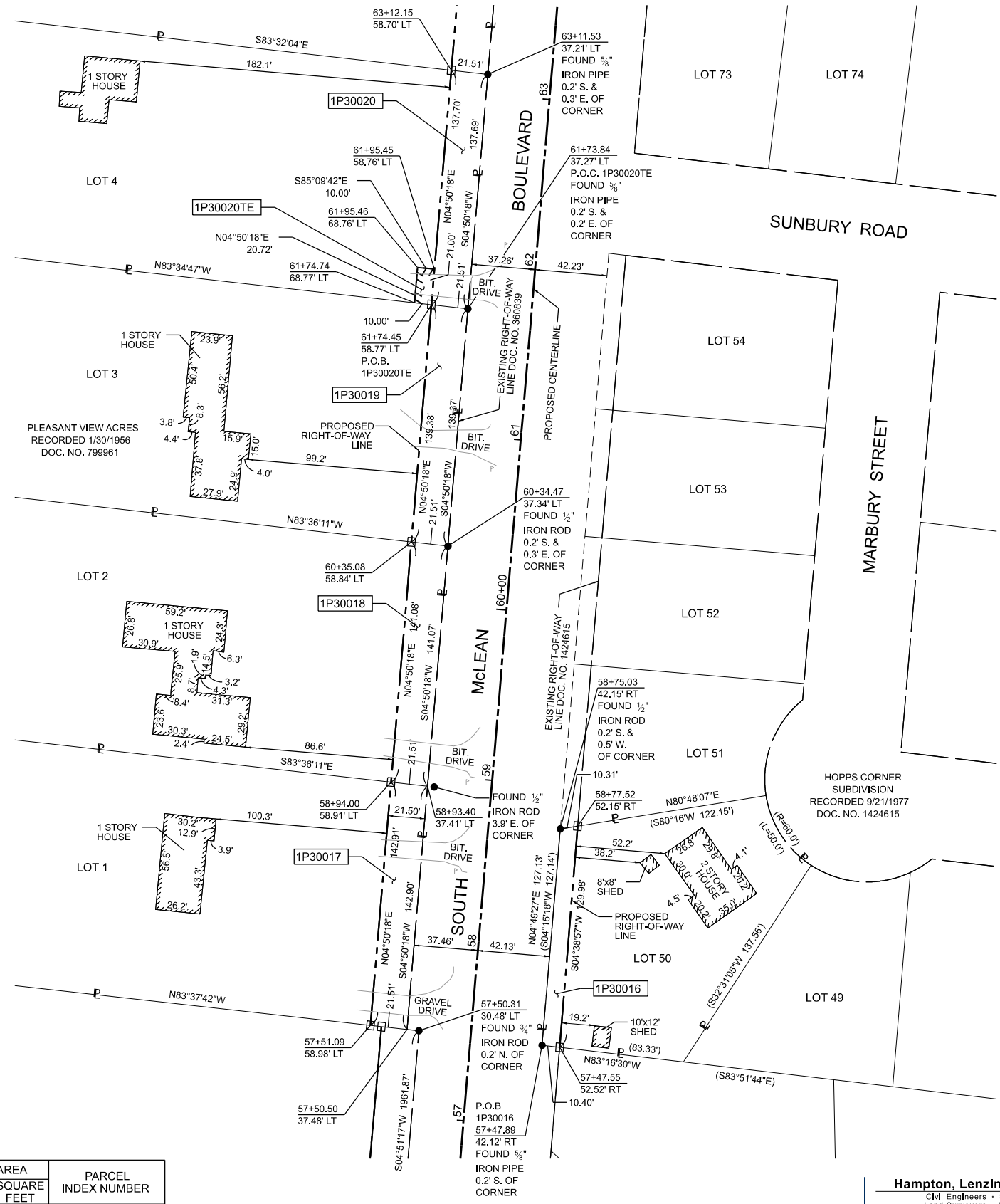
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302  
LICENSE EXPIRATION DATE: NOV. 30, 2022

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4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. FIELD WORK COMPLETED APRIL 8TH, 2021.



TOTAL HOLDINGS DETAIL  
SCALE: 1"=100'



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P30016	0.392 Ac±	0.030 Ac±	NA	0.362 Ac±	NA	NA	06-34-327-003
1P30017	1.982 Ac±	0.071 Ac±	NA	1.911 Ac±	NA	NA	06-34-151-010
1P30018	1.982 Ac±	0.070 Ac±	NA	1.912 Ac±	NA	NA	06-34-151-009
1P30019	1.984 Ac±	0.069 Ac±	NA	1.915 Ac±	NA	NA	06-34-151-008
1P30020	1.984 Ac±	0.068 Ac±	NA	1.916 Ac±	NA	NA	06-34-151-007
1P30020TE	1.984 Ac±	NA	NA	NA	0.005 Ac±	209 S.F.±	

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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SOUTH McLEAN BOULEVARD

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
STA. 57+00 TO STA. 63+12.25  
SCALE: 1"=40' SHEET 7 OF 8 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196

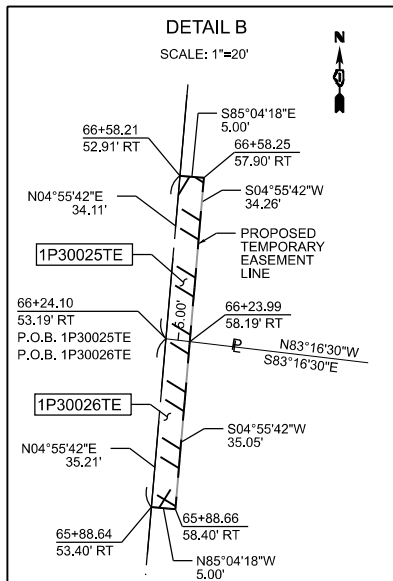
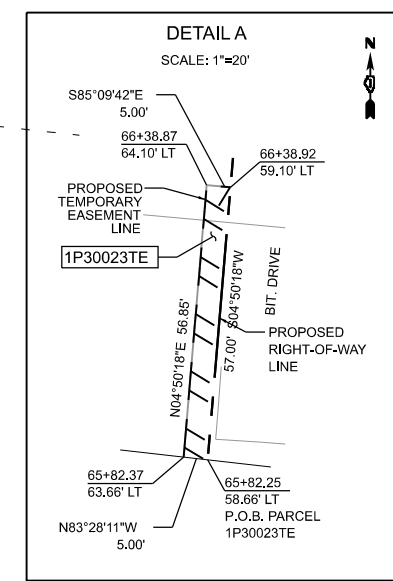
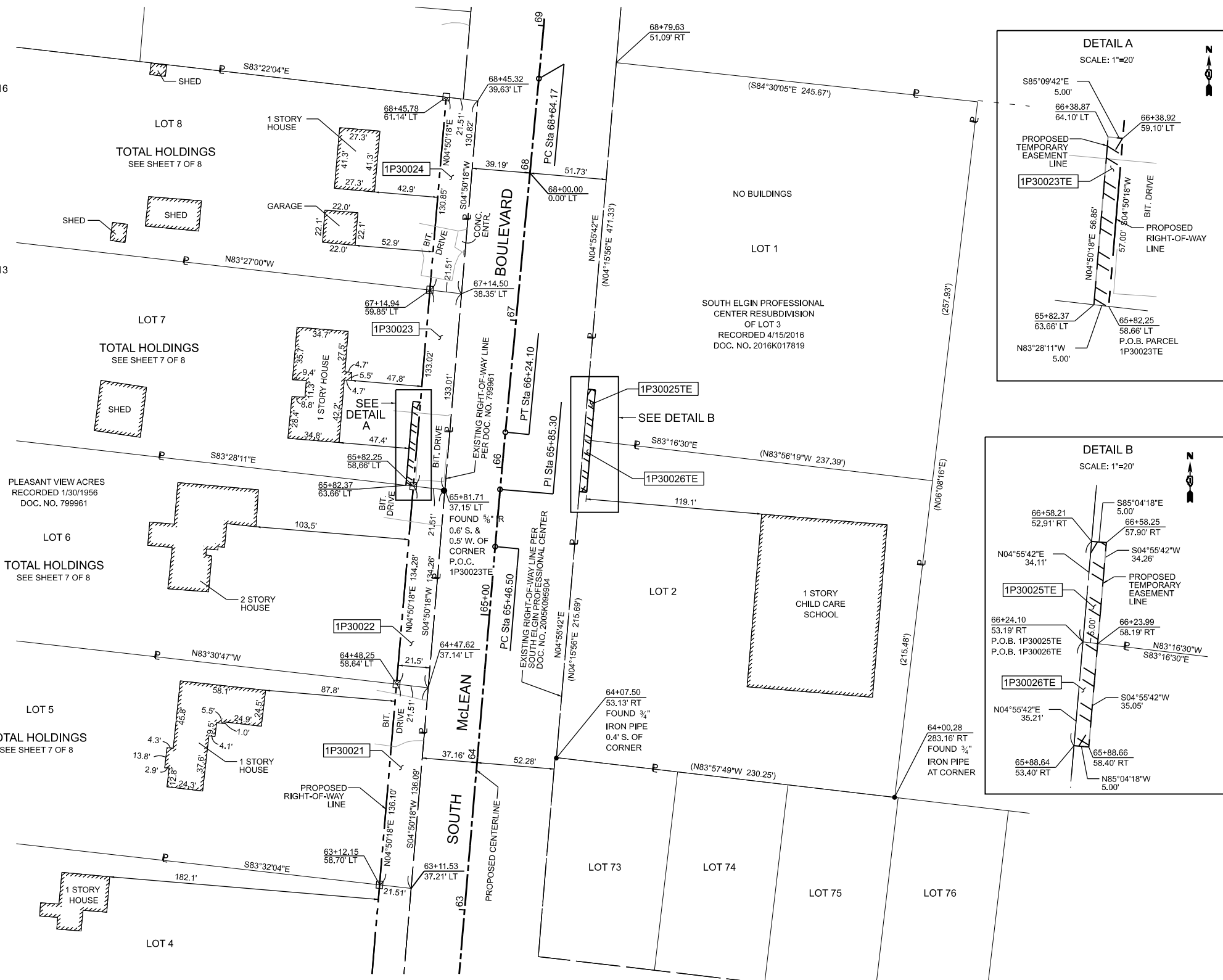
REVISION DATE: / / REVISION MADE BY:



PART OF SECTION 34, TWP. 41 N., R. 8 E., OF THE 3RD P.M., IN KANE COUNTY, ILLINOIS.

PROP. CURVE MCLEAN\_16  
 PI STA. = 69+09.32  
 $\Delta = 0^\circ 41' 24''$  (LT)  
 $D = 0^\circ 45' 50''$   
 $R = 7,500.00'$   
 $T = 45.15'$   
 $L = 90.31'$   
 $E = 0.14'$   
 P.C. STA. = 68+64.17  
 P.T. STA. = 69+54.47

PROP. CURVE MCLEAN\_13  
 PI STA. = 65+85.30  
 $\Delta = 0^\circ 35' 34''$  (RT)  
 $D = 0^\circ 45' 50''$   
 $R = 7,500.00'$   
 $T = 38.80'$   
 $L = 77.60'$   
 $E = 0.10'$   
 P.C. STA. = 65+46.50  
 P.T. STA. = 66+24.10



**LEGEND**

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

SECTION / QUARTER SECTION LINE  
 PLATTED LOT LINES  
 PROPERTY (DEED) LINE  
 APPARENT PROPERTY LINE  
 EXISTING CENTERLINE  
 PROPOSED CENTERLINE  
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 MEASURED DIMENSION  
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 RECORDED DIMENSION  
 EXISTING BUILDING

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET

\*MAG NAIL SET  
 5 / 8" REBAR SET

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 T2  
 T3

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 BT2  
 BT3

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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RIGHT OF WAY STAKING PROPOSED TO BE SET

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 1. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.  
 2. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. ALL BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".  
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GRID DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999941715.  
 4. AREAS SHOWN ON THIS PLAT ARE GROUND.  
 5. FIELD WORK COMPLETED APRIL 8TH, 2021.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P30021	1.985 Ac±	0.067 Ac±	NA	1.918 Ac±	NA	NA	06-34-151-006
1P30022	1.983 Ac±	0.066 Ac±	NA	1.917 Ac±	NA	NA	06-34-151-005
1P30023	1.985 Ac±	0.066 Ac±	NA	1.919 Ac±	NA	NA	06-34-151-004
1P30023TE		NA	NA		0.007 Ac±	285 SF±	
1P30024	1.980 Ac±	0.065 Ac±	NA	1.915 Ac±	NA	NA	06-34-151-003
1P30025TE	1.423 Ac±	NA	NA	NA	0.004 Ac±	171 SF±	06-34-176-053
1P30026TE	1.157 Ac±	NA	NA	NA	0.004 Ac±	176 SF±	06-34-176-054

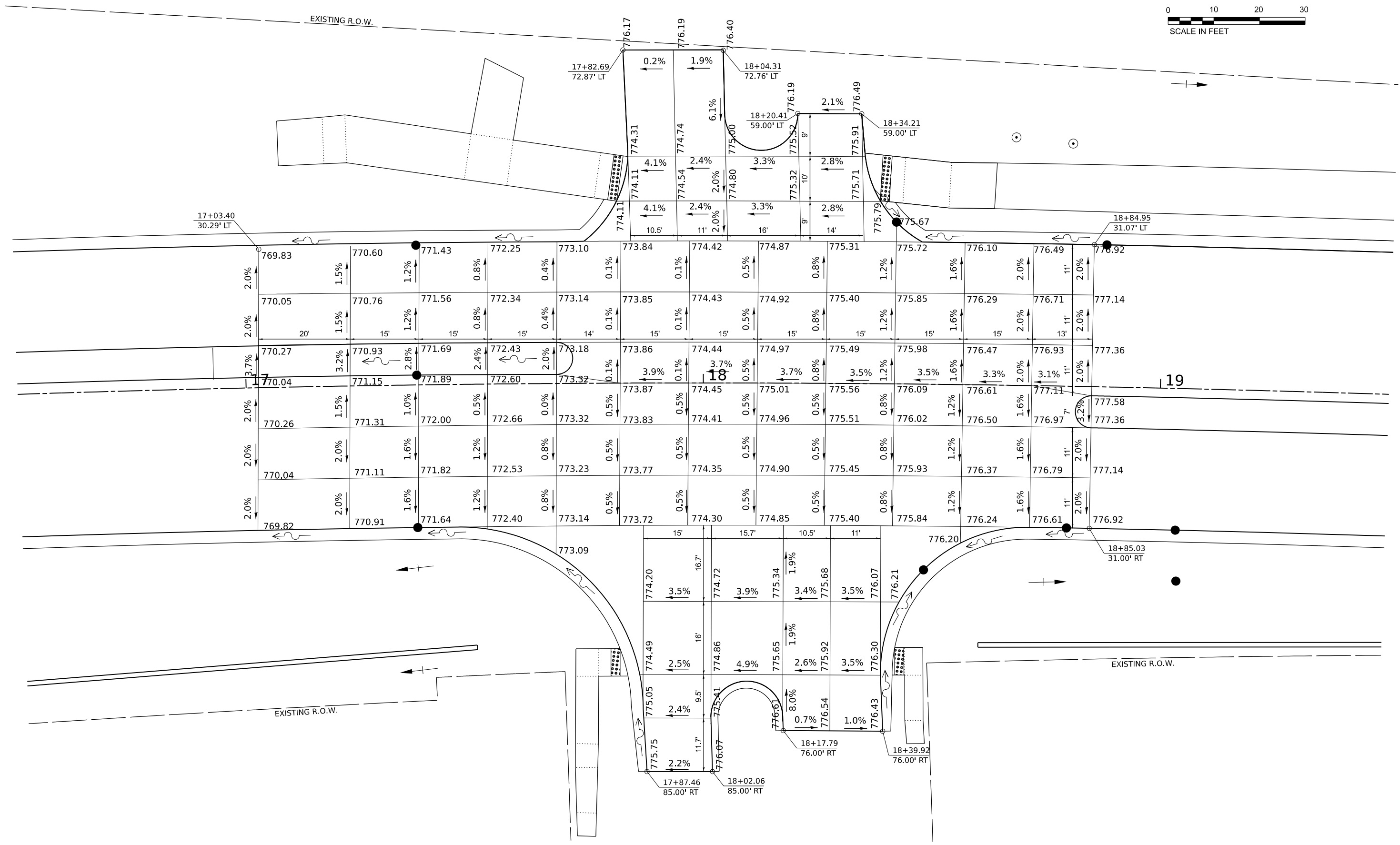
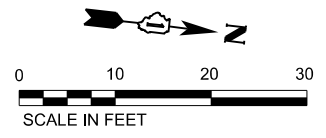
**Hampton, Lenzl and Renwick, Inc.**  
 Civil Engineers - Structural Engineers  
 Land Surveyors - Environmental Services  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 847.697.6700 www.hlrengineering.com  
 184.000959 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION  
 18.0894.330

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SOUTH McLEAN BOULEVARD

LIMITS: SOUTH McLEAN BOULEVARD COUNTY: KANE  
 SECTION: 18-00050-00-PV JOB NO.: R-91-003-22  
 STA. 63+00 TO STA. 69+00  
 SCALE: 1"=40' SHEET 8 OF 8 SHEETS

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY:



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 HLR

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

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 PLOT SCALE = 0.16666667 / in.  
 PLOT DATE = 1/30/2024

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 CHECKED - NP  
 DATE - 6/8/23

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 REVISED -

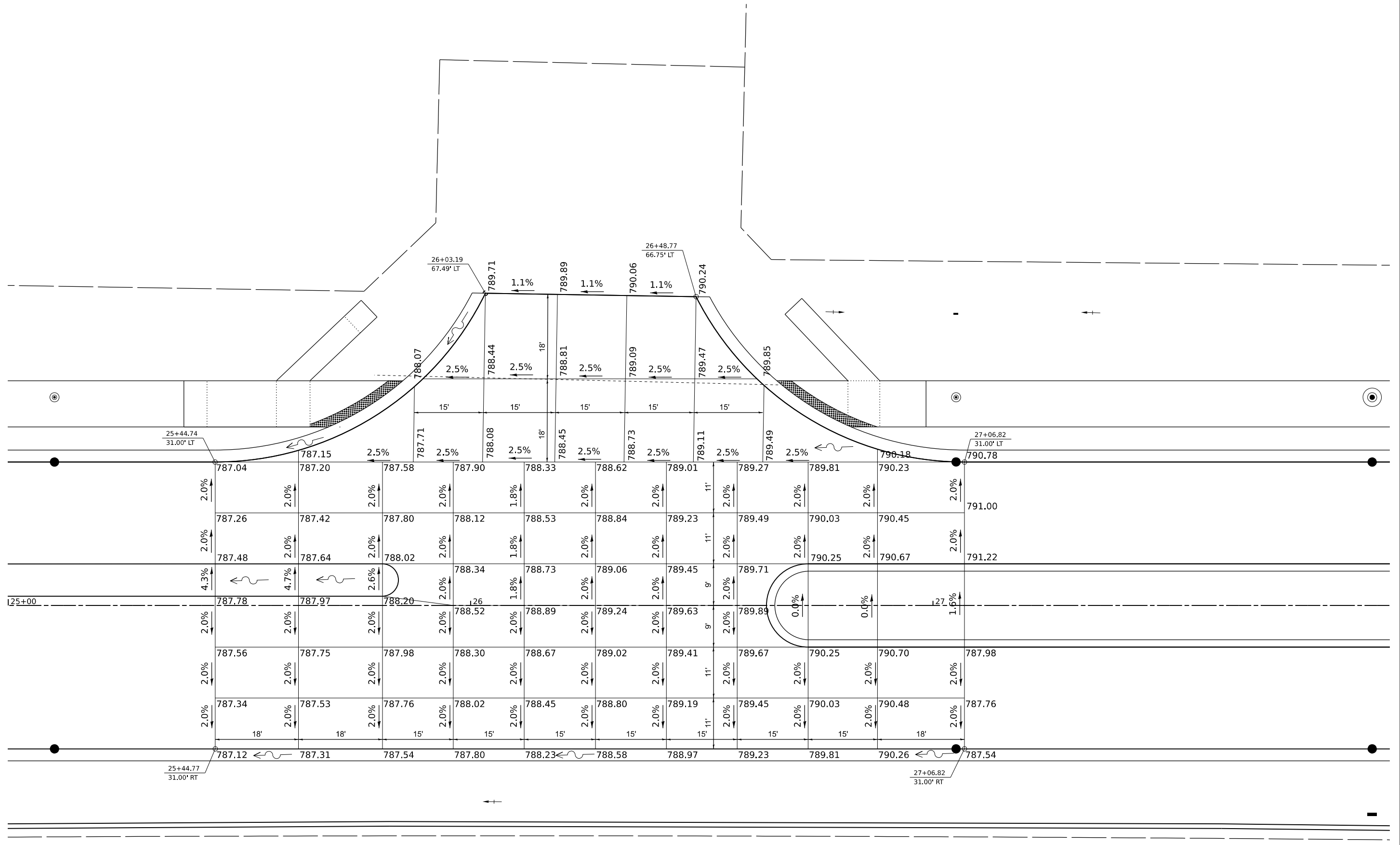
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 INTERSECTION GRADING PLAN - S. LANCASTER CIR.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	109
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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PLOT DATE	■ 1/30/2024	DATE -	REVISED -

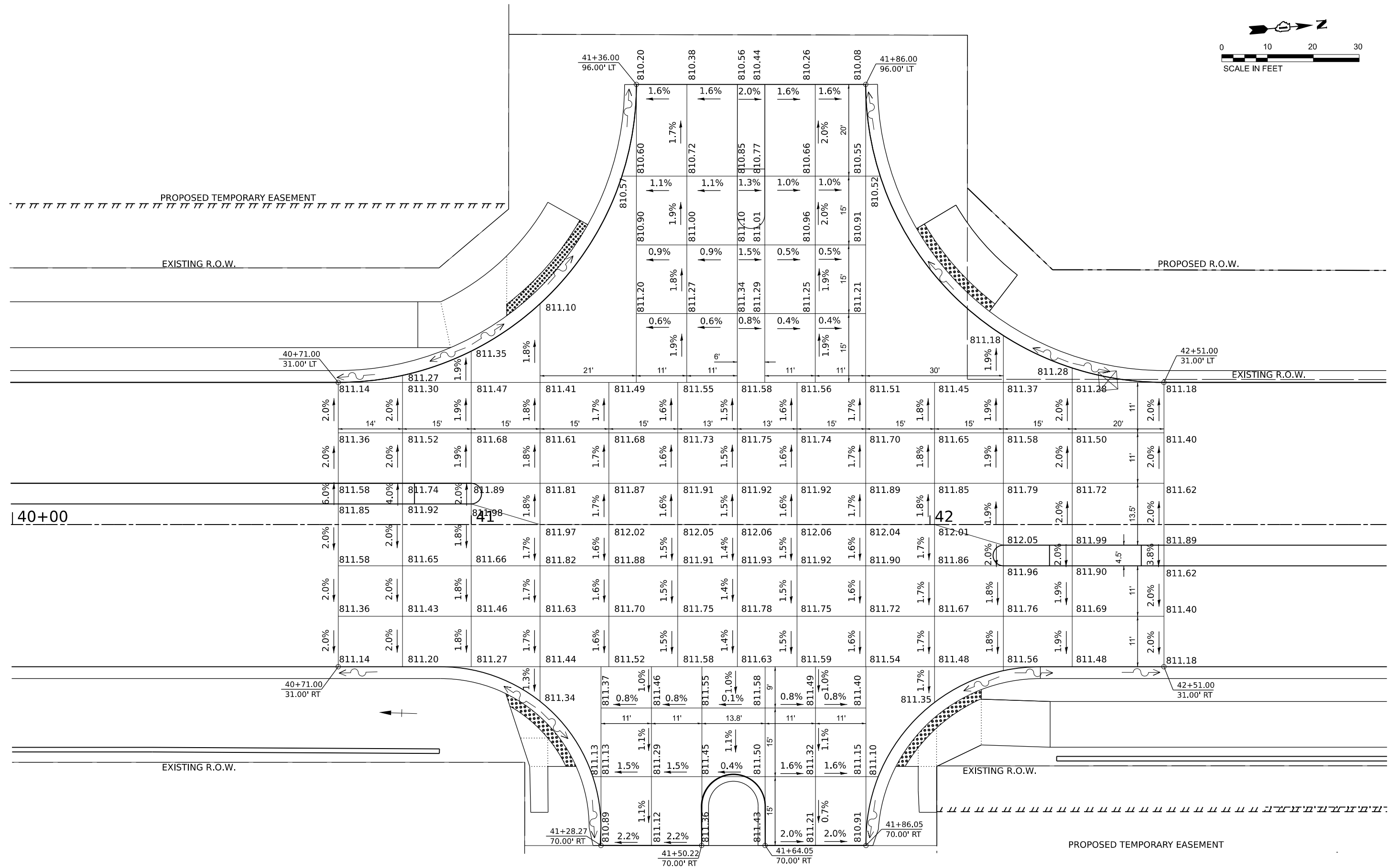
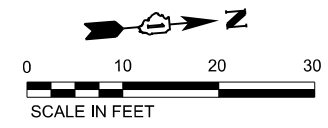
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 INTERSECTION GRADING PLAN - ATHERTON RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	208	110
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





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 HLR

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

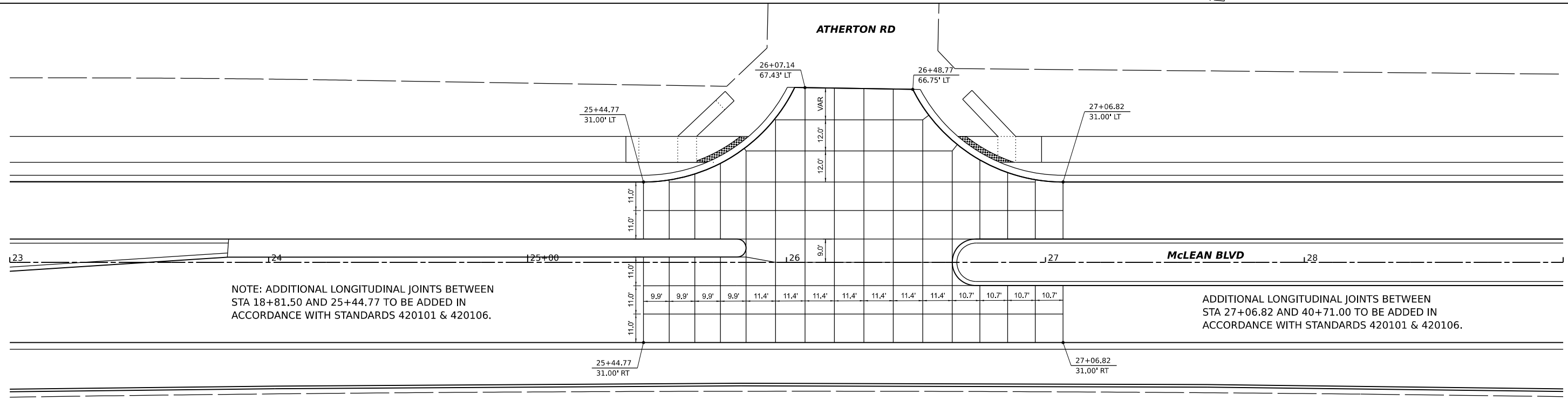
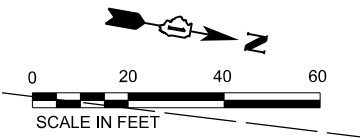
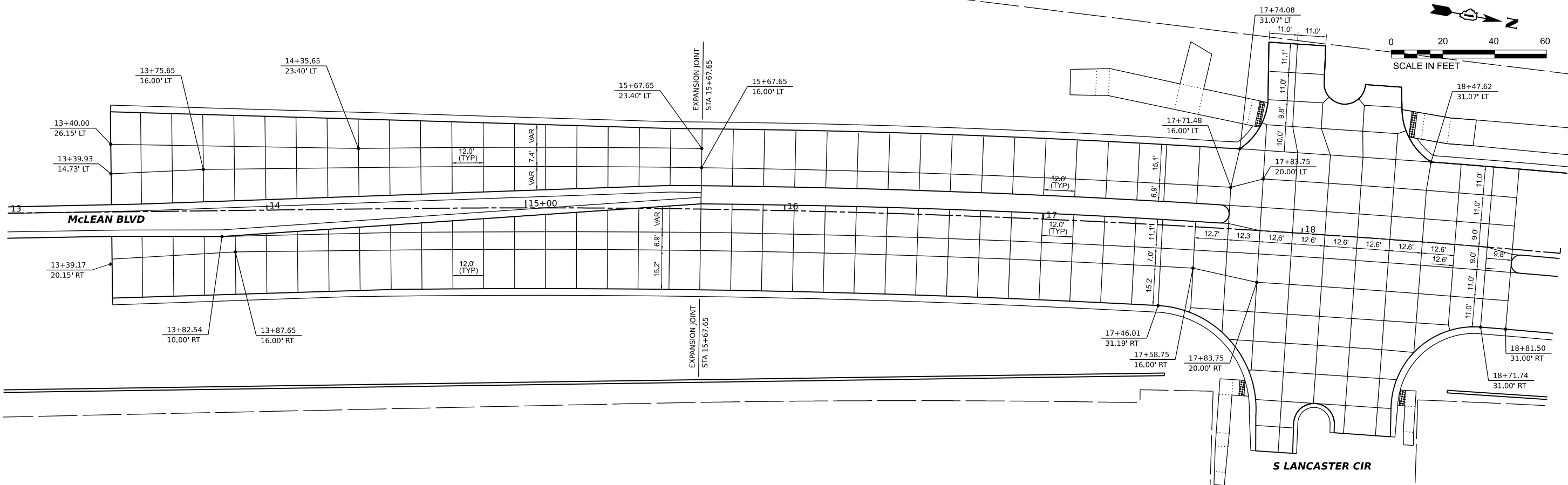
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 INTERSECTION GRADING PLAN - N LANCASTER CIR.**

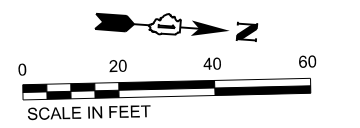
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	111
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



NOTE: ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 18+81.50 AND 25+44.77 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.

ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 27+06.82 AND 40+71.00 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.



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**HAMPTON, LENZINI AND RENWICK, INC.**  
590 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
L5 / PE / SE CORP. 194.000959

USER NAME = knelms  
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PLOT DATE = 1/30/2024

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DATE - 6/8/23

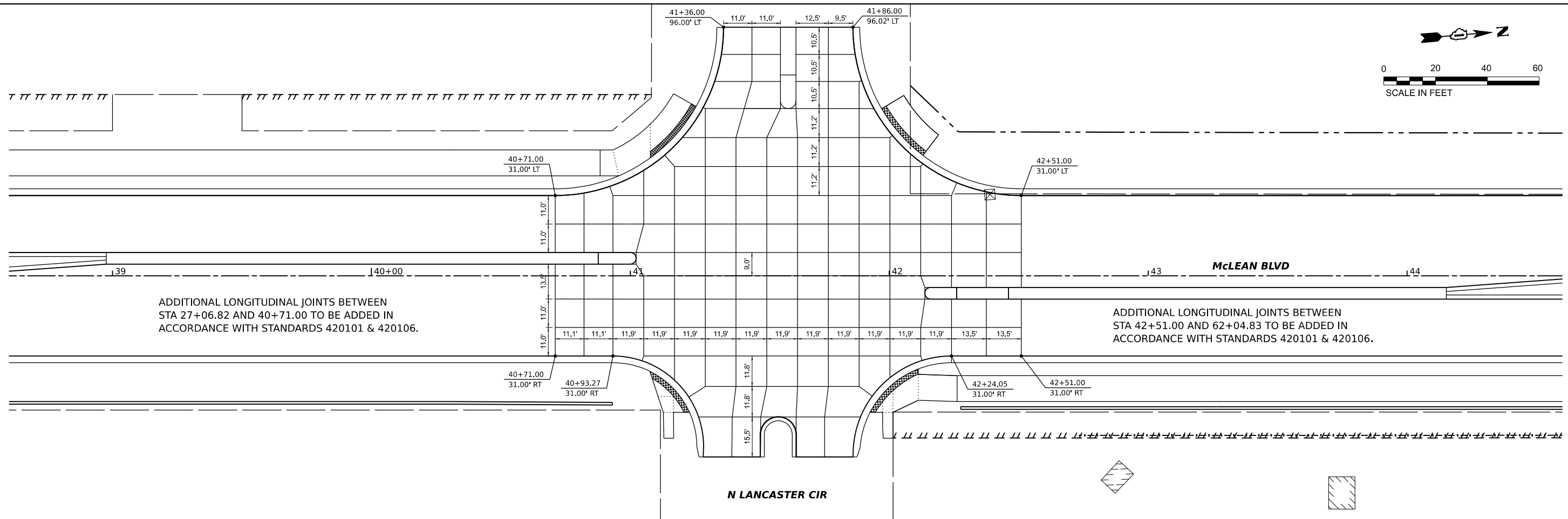
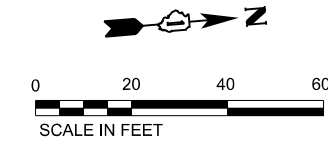
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
JOINTING PLAN - S LANCASTER CIRCLE & AATHERTON ROAD**

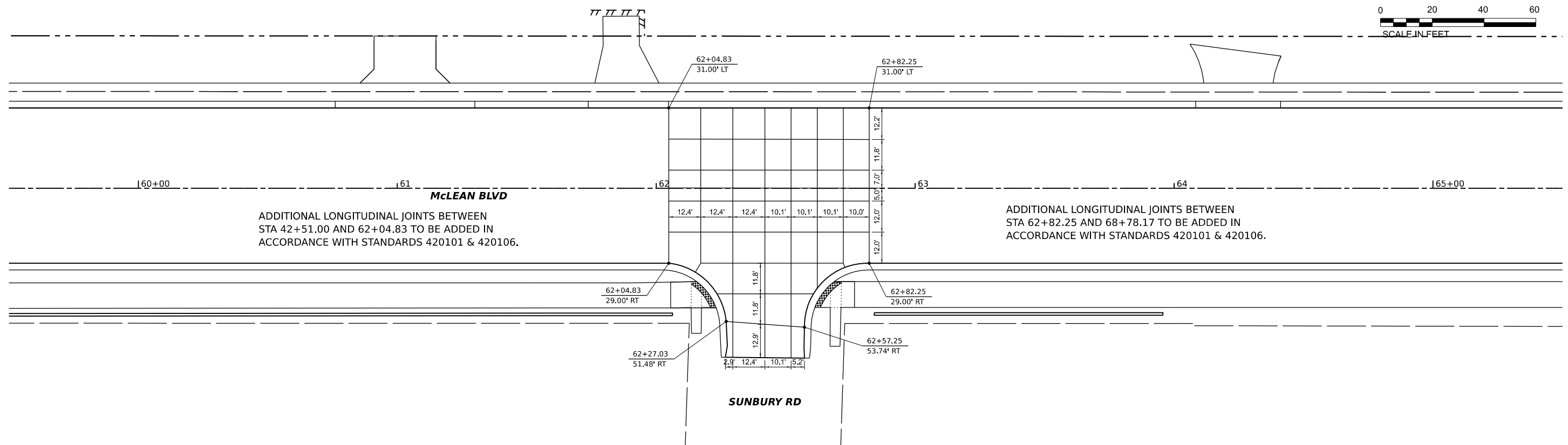
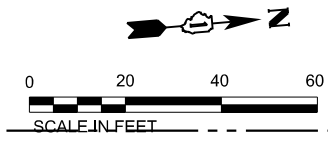
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	112
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 27+06.82 AND 40+71.00 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.

ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 42+51.00 AND 62+04.83 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.



ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 42+51.00 AND 62+04.83 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.

ADDITIONAL LONGITUDINAL JOINTS BETWEEN STA 62+82.25 AND 68+78.17 TO BE ADDED IN ACCORDANCE WITH STANDARDS 420101 & 420106.

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**HAMPTON, LENZINI AND RENWICK, INC.**  
590 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
L.S./P.E./S.E. CORP. 194.0000559

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
JOINTING PLAN - N LANCASTER CIRCLE & SUNBURY ROAD**

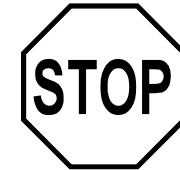
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	113
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



NOTES:

- FOR PCC PAVEMENT:  
POLYUREA PAVEMENT MARKING TYPE I SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED
- FOR HOT-MIX ASPHALT PAVEMENT:  
THERMOPLASTIC PAVEMENT MARKING SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED
- PAVEMENT MARKING REMOVAL IN AREAS WHERE THE EXISTING PAVEMENT IS NOT BE REMOVED IS TO BE DONE WITH HYDROBLASTING ONLY.
- ALL SIGNS SHALL BE INSTALLED USING TELESCOPING STEEL SIGN SUPPORTS.
- SIGNS INSTALLED IN PAVEMENT (MEDIANS TYPICALLY) SHALL INCORPORATE AN 8 INCH DIAMETER PVC, SCH 40, AS TO SEPARATE THE PAVEMENT OF THE MEDIAN FROM THE PAVEMENT IMMEDIATELY ADJACENT TO THE SIGN BASE TO ALLOW FOR EASIER SERVICABILITY OF SIGN BASE UNLESS OTHERWISE DIRECTED BY ENGINEER.



R1-1  
36" x 36"



R2-1  
30" x 36"



R3-4  
24" x 24"



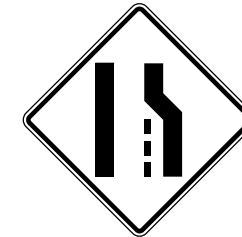
W16-8P  
16" X 8"



D3-1  
VAR x 9"



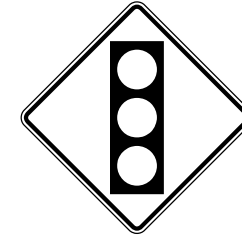
R4-7  
24" x 30"



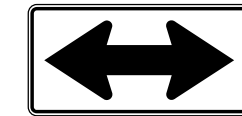
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36" x 36"



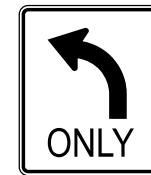
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36" x 36"



W3-3  
36" x 36"



W1-7  
48" x 24"



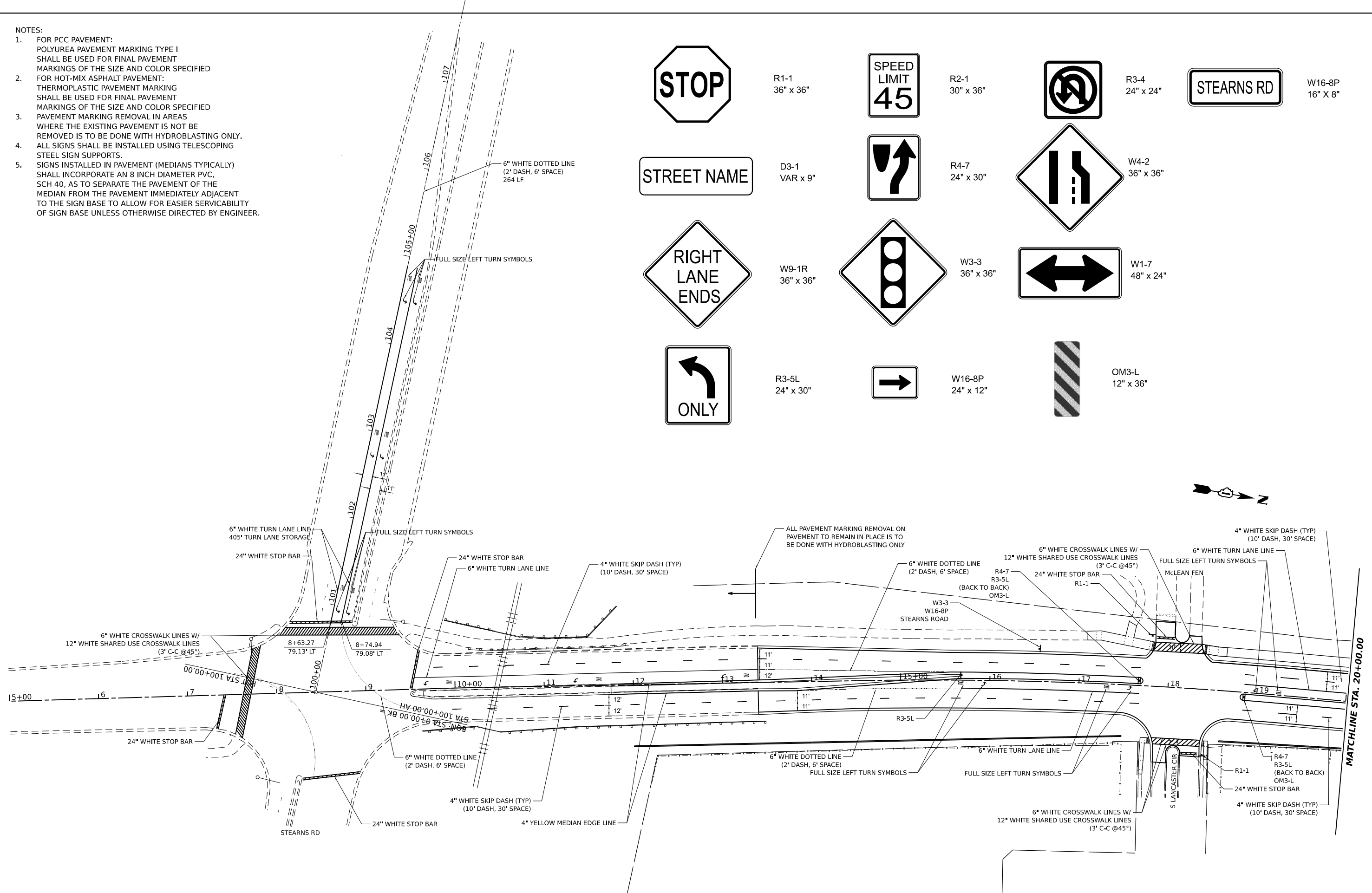
R3-5L  
24" x 30"



W16-8P  
24" x 12"



OM3-L  
12" x 36"



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**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

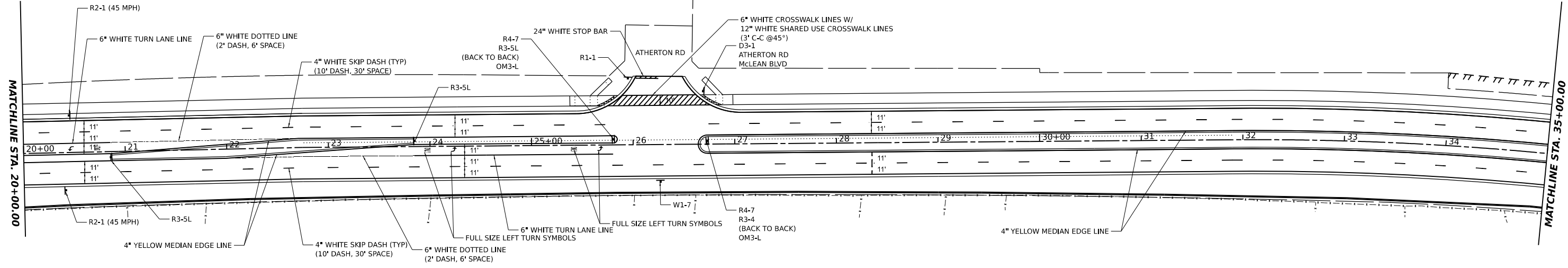
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PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
PAVEMENT MARKING PLAN**

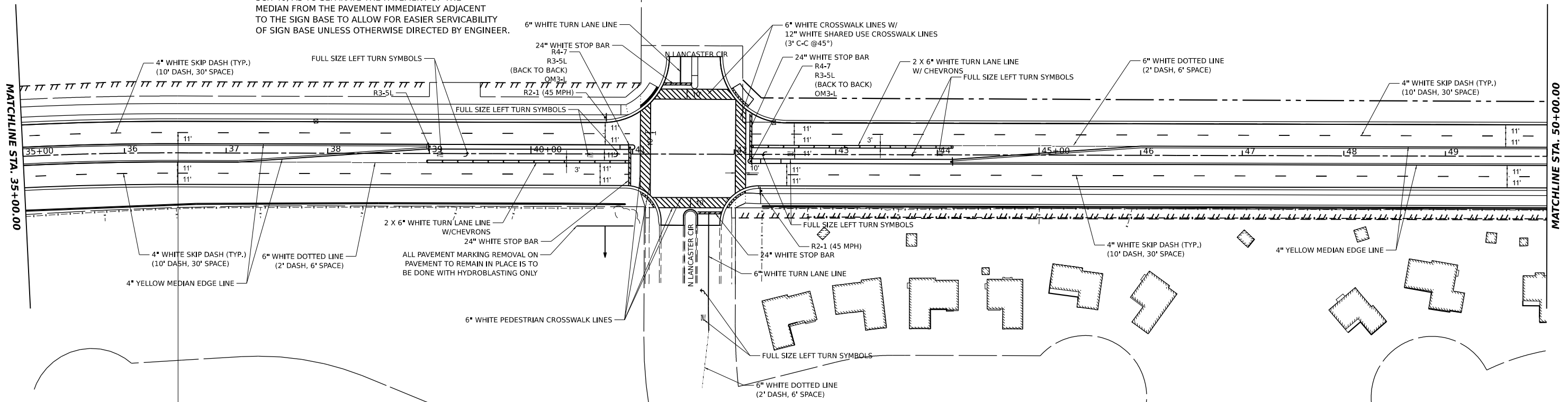
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	114
CONTRACT NO. 61J65				
		ILLINOIS	FED. AID PROJECT	



- NOTES:
- FOR PCC PAVEMENT:  
POLYUREA PAVEMENT MARKING TYPE I SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED
  - FOR HOT-MIX ASPHALT PAVEMENT:  
THERMOPLASTIC PAVEMENT MARKING SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED

- PAVEMENT MARKING REMOVAL IN AREAS WHERE THE EXISTING PAVEMENT IS NOT BE REMOVED IS TO BE DONE WITH HYDROBLASTING ONLY.
- ALL SIGNS SHALL BE INSTALLED USING TELESCOPING STEEL SIGN SUPPORTS.
- SIGNS INSTALLED IN PAVEMENT (MEDIANS TYPICALLY) SHALL INCORPORATE AN 8 INCH DIAMETER PVC, SCH 40, AS TO SEPARATE THE PAVEMENT OF THE MEDIAN FROM THE PAVEMENT IMMEDIATELY ADJACENT TO THE SIGN BASE TO ALLOW FOR EASIER SERVICABILITY OF SIGN BASE UNLESS OTHERWISE DIRECTED BY ENGINEER.



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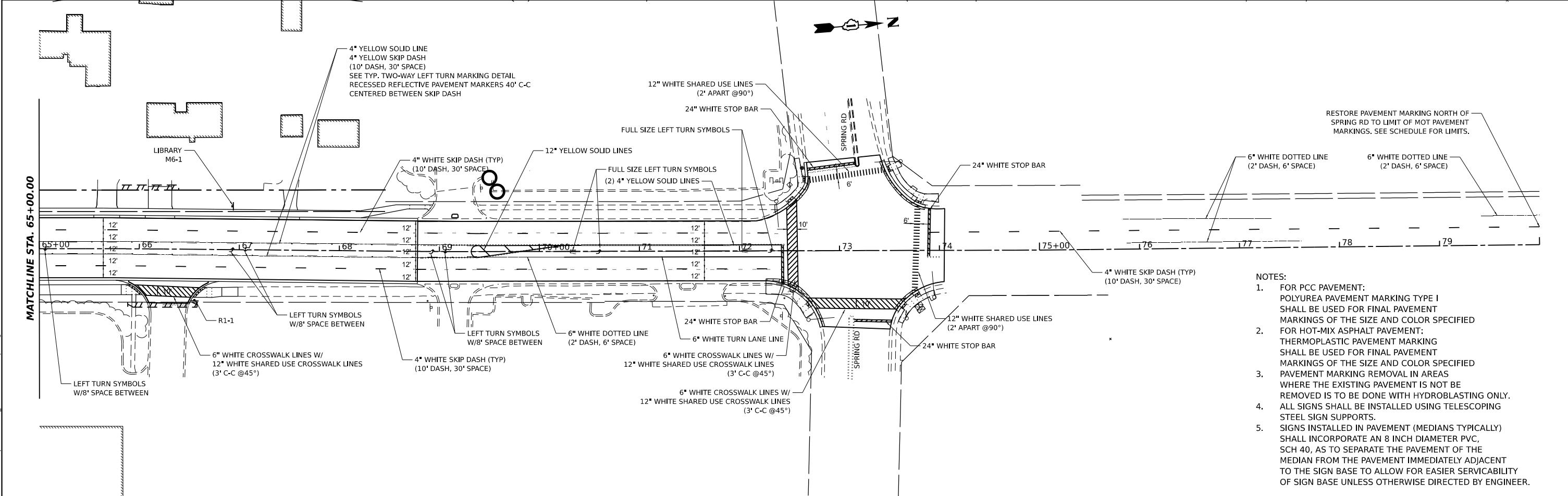
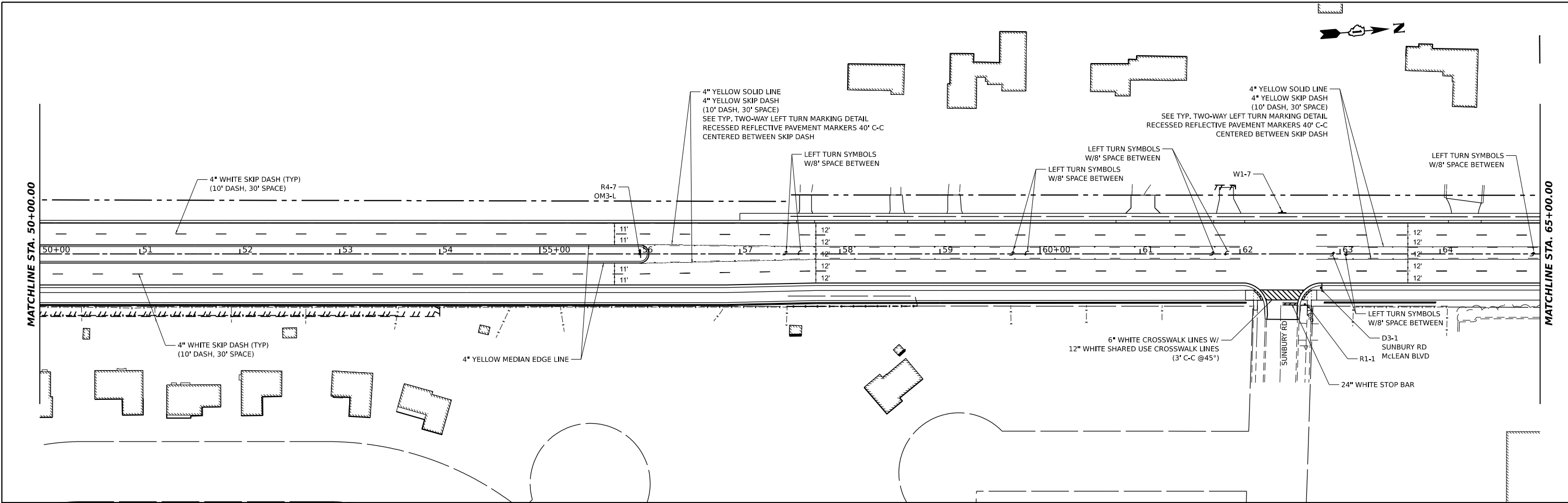
**HAMPTON, LENZINI AND RENWICK, INC.**  
 590 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 I.S. / P.E. / S.E. CORP. 194.000959

USER NAME	= knelms	DESIGNED -	KN	REVISED -	
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PLOT DATE	= 1/30/2024				

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**PAVEMENT MARKING PLAN**  
 SCALE: 1"=50'    SHEET OF SHEETS    STA. 35+00 TO STA. 65+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	115
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



- NOTES:
- FOR PCC PAVEMENT:  
POLYUREA PAVEMENT MARKING TYPE I SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED
  - FOR HOT-MIX ASPHALT PAVEMENT:  
THERMOPLASTIC PAVEMENT MARKING SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED
  - PAVEMENT MARKING REMOVAL IN AREAS WHERE THE EXISTING PAVEMENT IS NOT BE REMOVED IS TO BE DONE WITH HYDROBLASTING ONLY.
  - ALL SIGNS SHALL BE INSTALLED USING TELESCOPING STEEL SIGN SUPPORTS.
  - SIGNS INSTALLED IN PAVEMENT (MEDIANS TYPICALLY) SHALL INCORPORATE AN 8 INCH DIAMETER PVC, SCH 40, AS TO SEPARATE THE PAVEMENT OF THE MEDIAN FROM THE PAVEMENT IMMEDIATELY ADJACENT TO THE SIGN BASE TO ALLOW FOR EASIER SERVICABILITY TO THE SIGN BASE UNLESS OTHERWISE DIRECTED BY ENGINEER.

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**HAMPTON, LENZINI AND RENWICK, INC.**  
 300 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 194.000559

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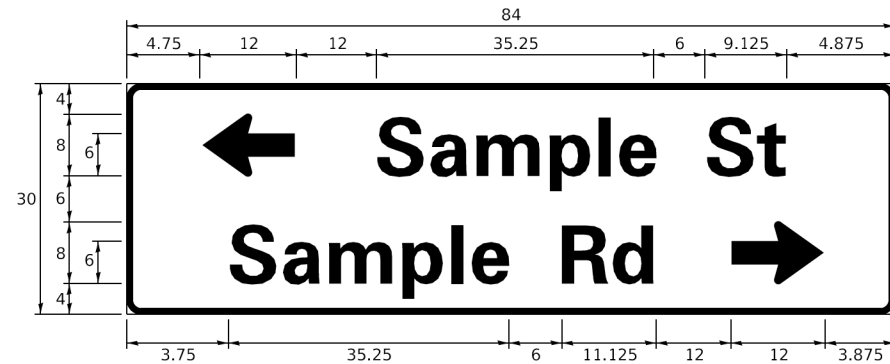
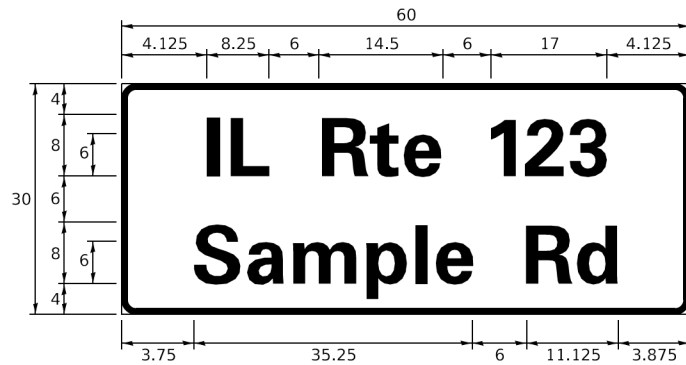
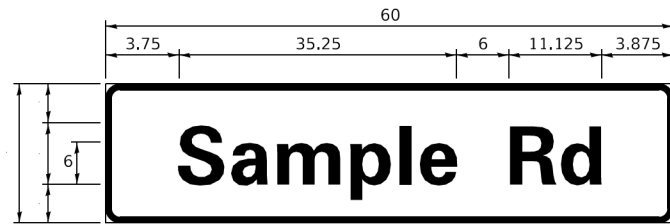
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**DRAINAGE PLAN AND PROFILE**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA. 65+00    TO STA. 73+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	116
CONTRACT NO. 61J65				
ILLINOIS    FED. AID PROJECT				

**SIGN PANEL – TYPE 1 OR TYPE 2**



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

**COMMON STREET NAME ABBREVIATIONS AND WIDTHS**

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

**GENERAL NOTES**

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

**LOCAL SUPPLIERS:**

- J.O. HERBERT COMPANY, INC  
MIDLOTHIAN, VA
- WESTERN REMAC, INC.  
WOODRIDGE, IL

**PARTS LISTING:**

- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING PART #HPN034 (UNIVERSAL)

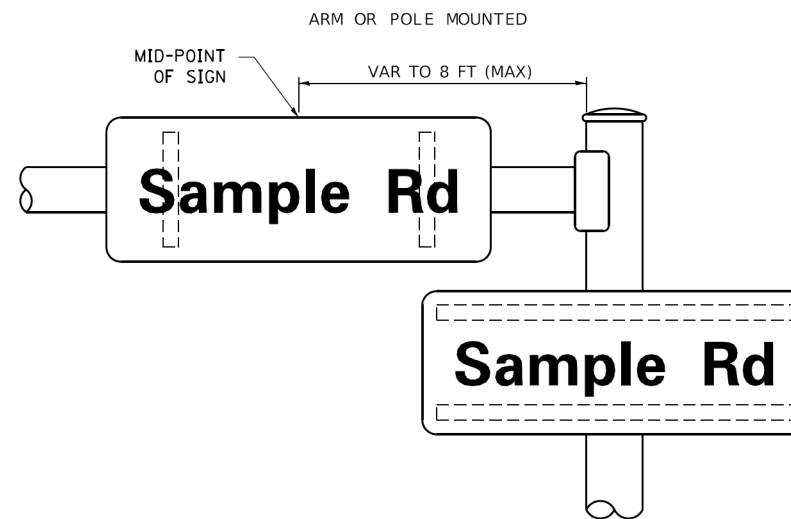
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

**STANDARD ALPHABETS SPACING CHART**

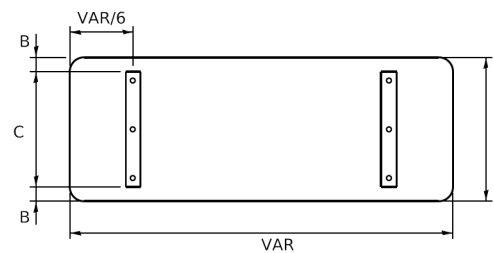
(8") UPPER CASE AND (6") LOWER CASE

CHARACTER	FHWA SERIES "C"			CHARACTER	FHWA SERIES "D"		
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)		LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.952	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.352	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.952	0.160	y	0.160	6.004	0.160
z	0.240	3.352	0.240	z	0.240	4.002	0.240
1	0.720	1.630	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.952	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

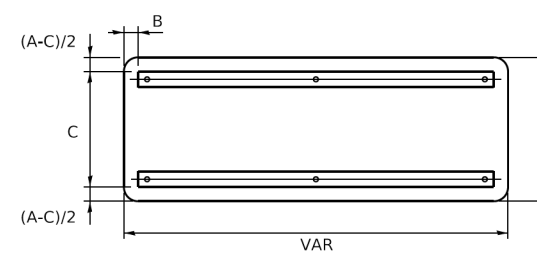
**MOUNTING LOCATION**



**SUPPORTING CHANNELS**



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

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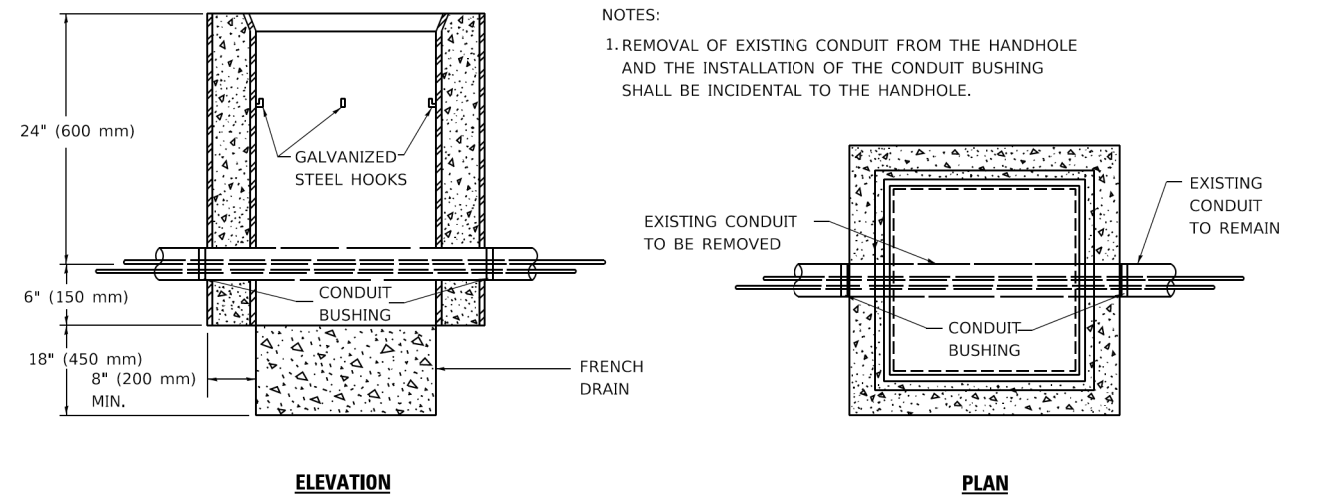
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	DATE - 10/01/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
MAST ARM MOUNTED STREET NAME SIGNS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 117
TS-02		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.

**DETAIL**

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

SCALE: SHEET OF SHEETS STA. TO STA.

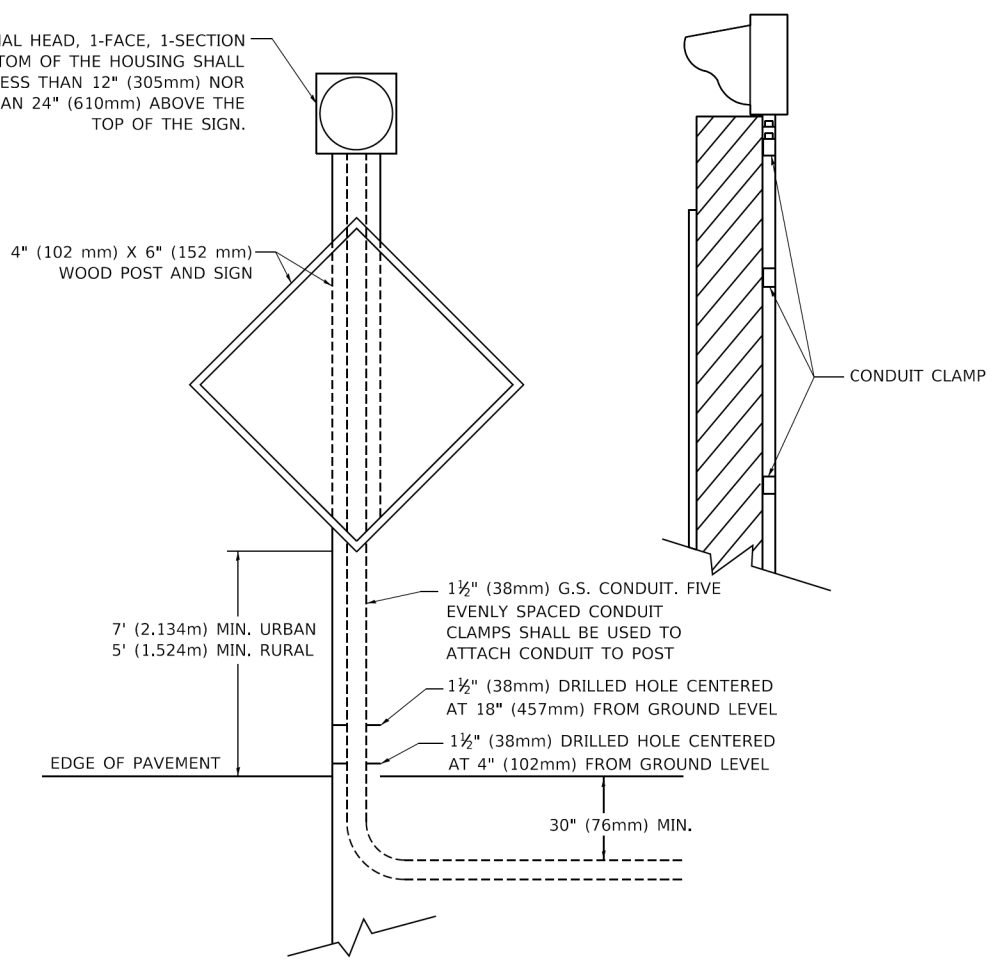
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	118
<b>TS-03</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				





SIGNAL HEAD, 1-FACE, 1-SECTION  
THE BOTTOM OF THE HOUSING SHALL  
BE NOT LESS THAN 12" (305mm) NOR  
MORE THAN 24" (610mm) ABOVE THE  
TOP OF THE SIGN.

4" (102 mm) X 6" (152 mm)  
WOOD POST AND SIGN



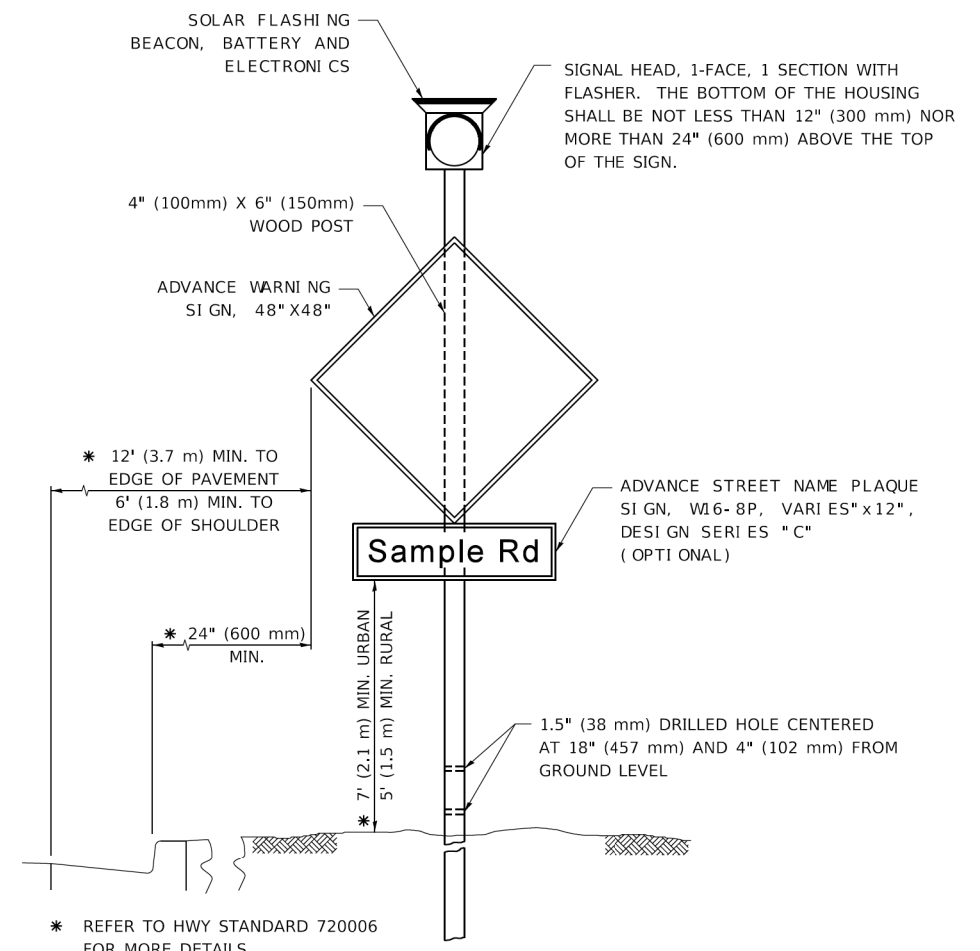
**POST MOUNTED FLASHING BEACON**

SOLAR FLASHING  
BEACON, BATTERY AND  
ELECTRONICS

4" (100mm) X 6" (150mm)  
WOOD POST

ADVANCE WARNING  
SIGN, 48" X 48"

SIGNAL HEAD, 1-FACE, 1 SECTION WITH  
FLASHER. THE BOTTOM OF THE HOUSING  
SHALL BE NOT LESS THAN 12" (300 mm) NOR  
MORE THAN 24" (600 mm) ABOVE THE TOP  
OF THE SIGN.



**SOLAR POWERED FLASHING  
BEACON**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
FLASHING BEACON INSTALLATION DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	120
TS-04		CONTRACT NO.	6J165	
ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

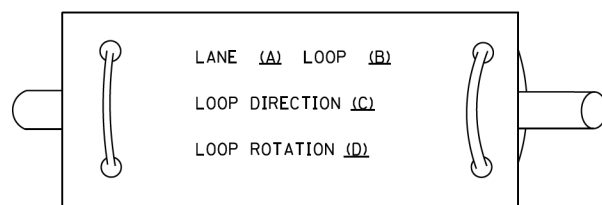
SCALE: NONE    SHEET 1 OF 7 SHEETS    STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TS-05</b>		CONTRACT NO. 61j65		
ILLINOIS FED. AID PROJECT				

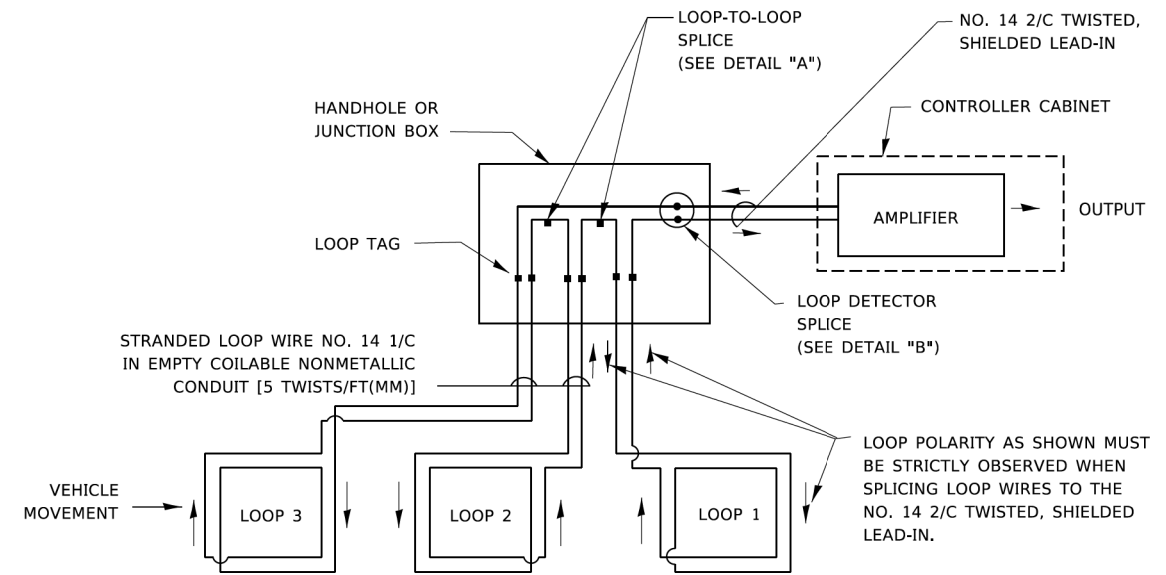
**LOOP DETECTOR NOTES**

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 DIVESHOLES 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**

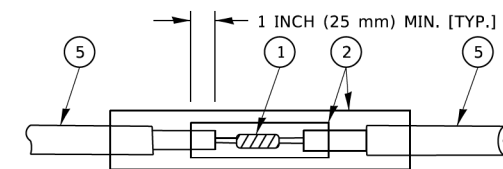


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

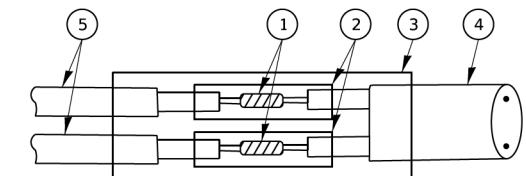


**DETECTOR LOOP WIRING SCHEMATIC**

- 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.

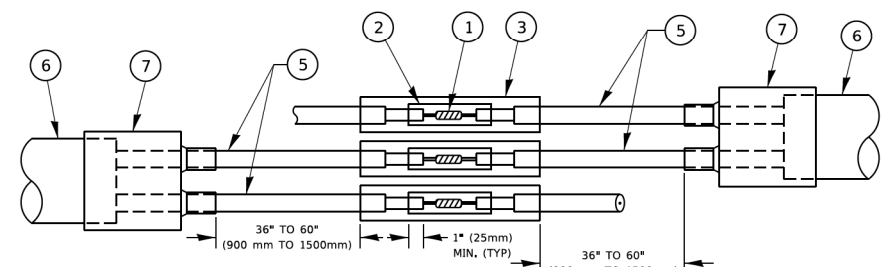


DETAIL "A"  
LOOP-TO-LOOP SPLICE

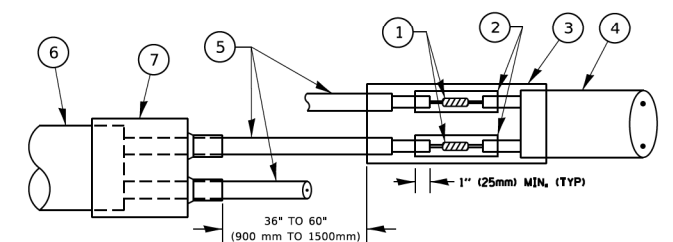


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED 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. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

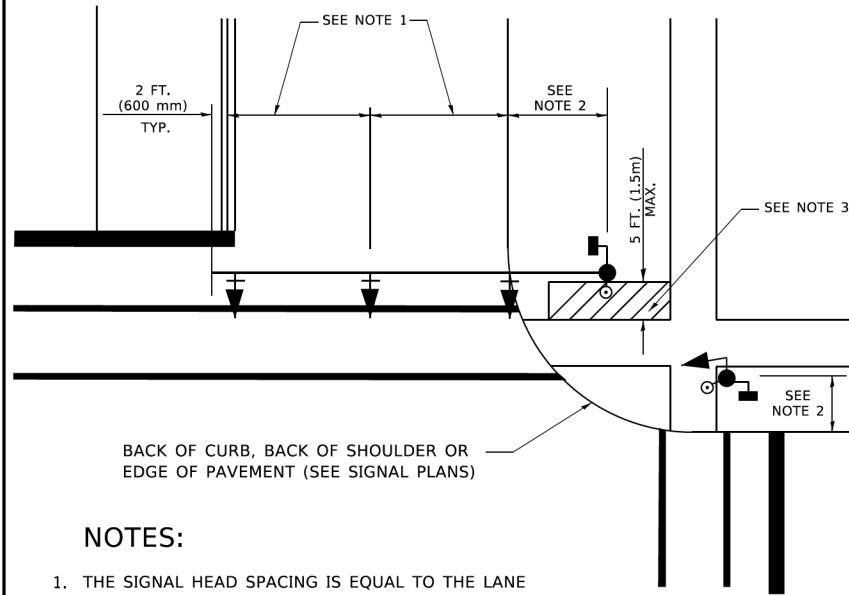
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F.A. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 122
TS-05		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

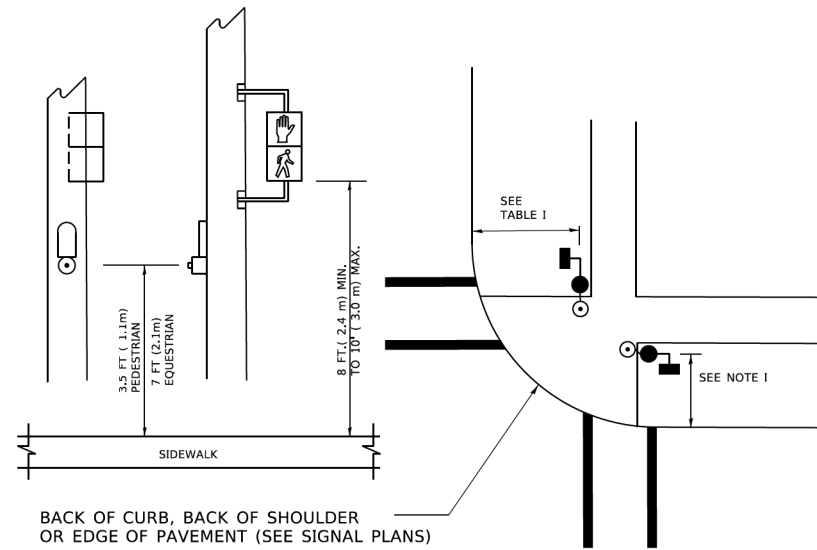
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**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."

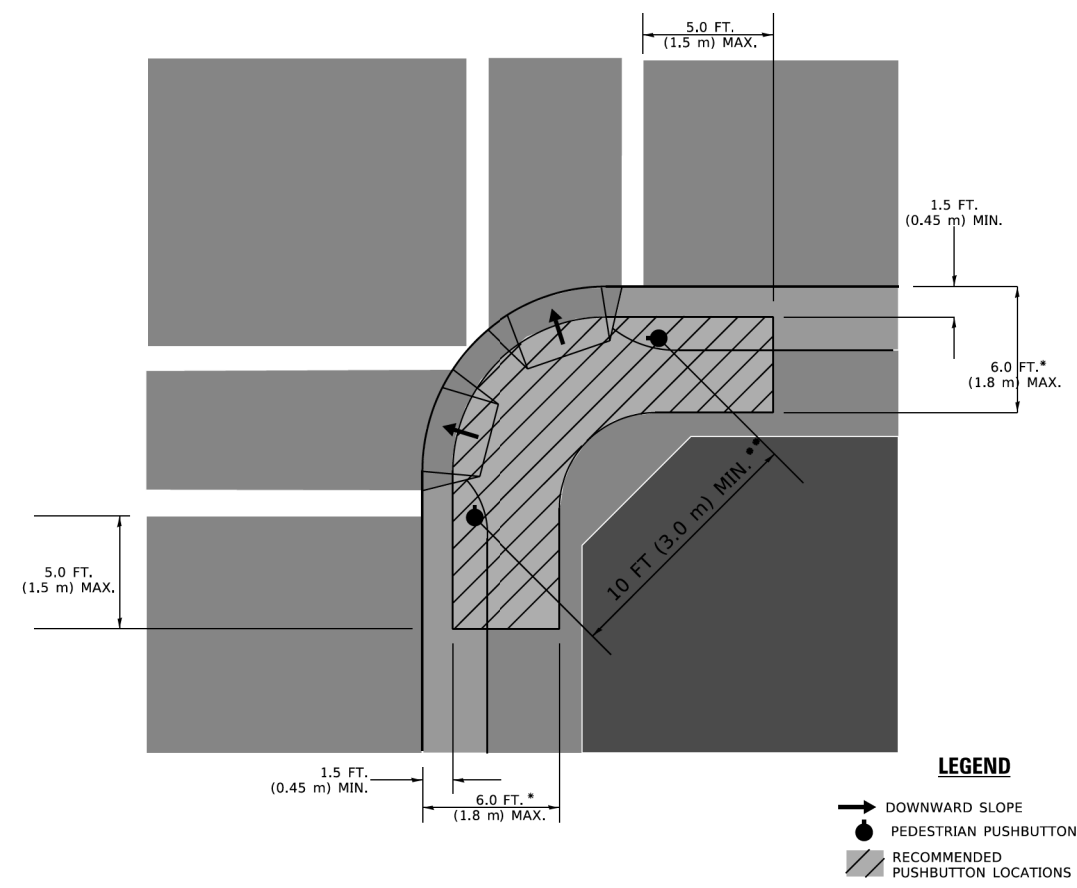
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**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**



- \* 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) SEPERATION 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.

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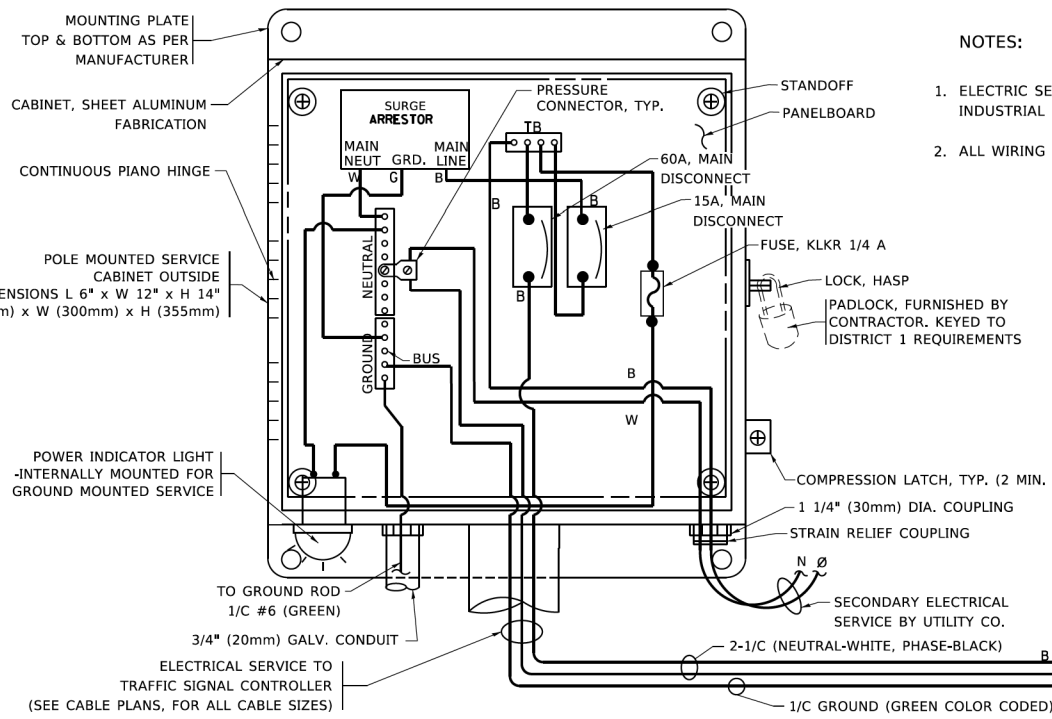
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

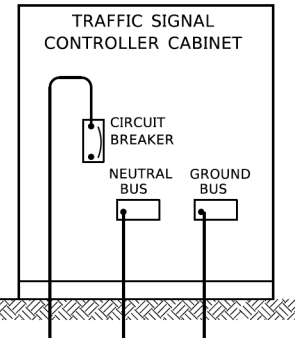
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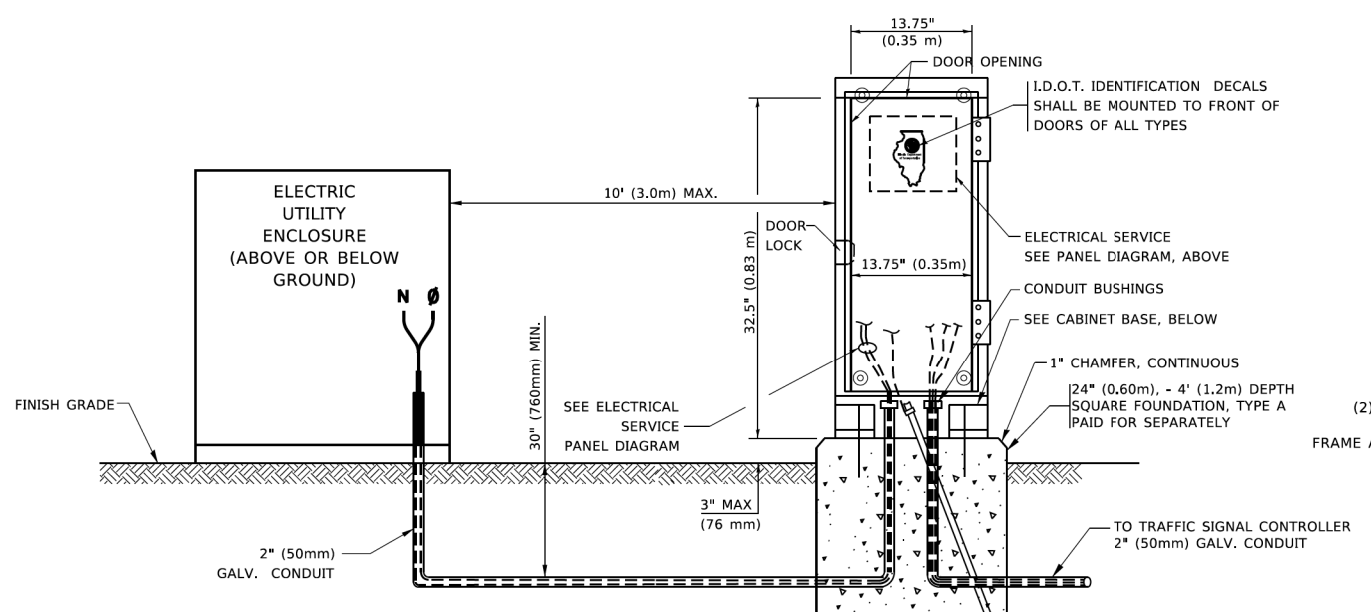
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2509	18-00050-00-PV	KANE	258	123
<b>TS-05</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



- NOTES:
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
  2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

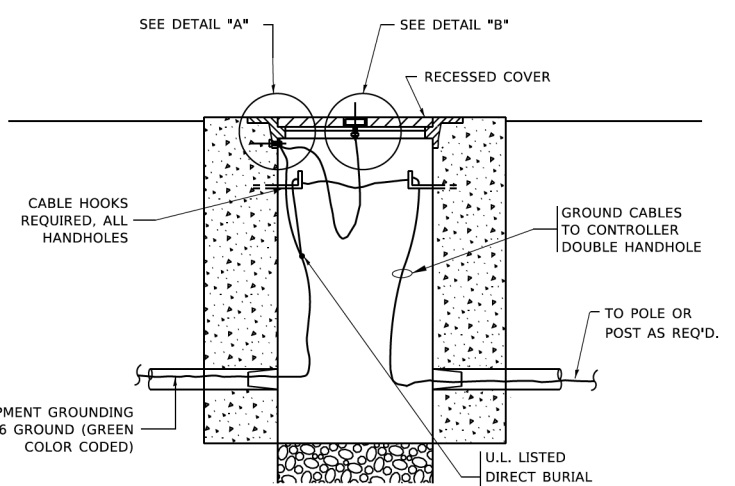
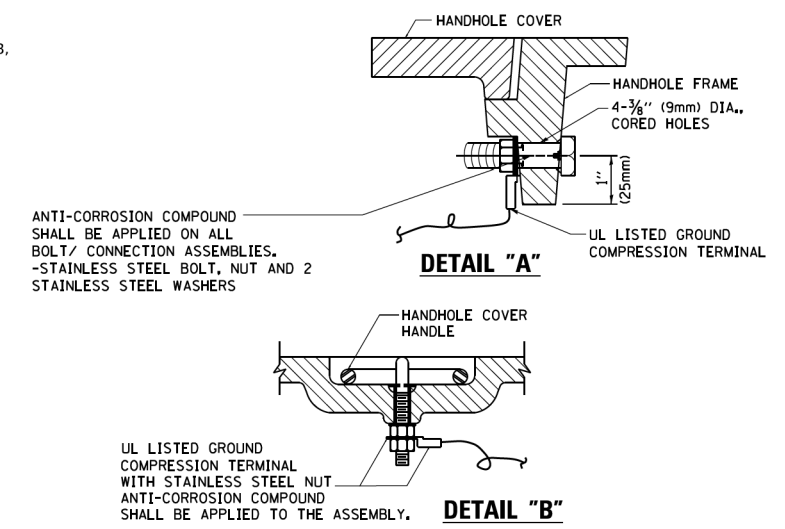
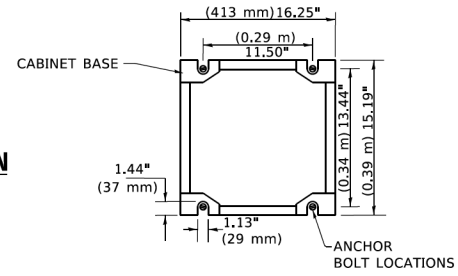


**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)

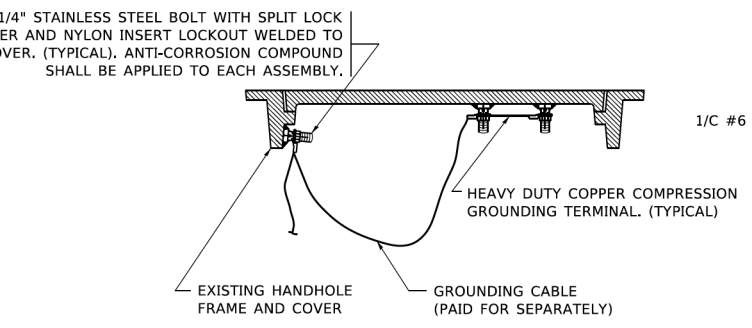


**SERVICE INSTALLATION GROUND MOUNT**  
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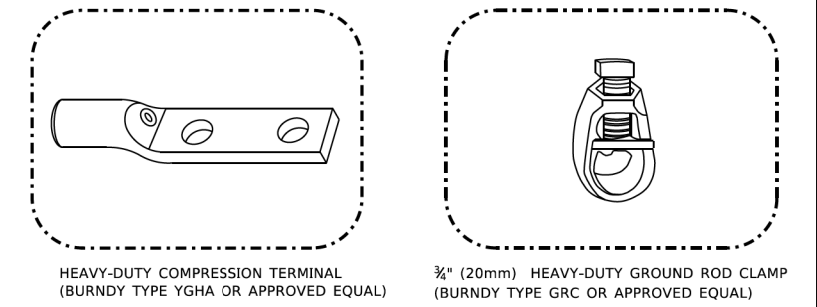
**CABINET – BASE BOLT PATTERN**  
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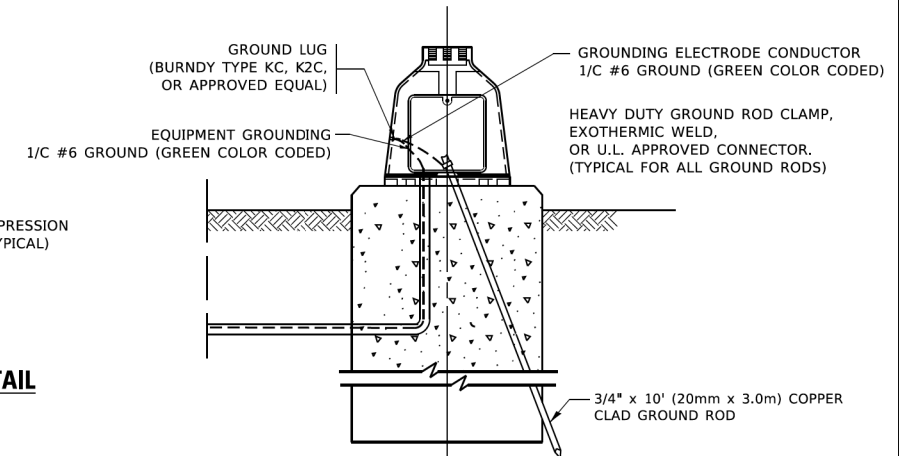
**HANDHOLE COVER & FRAME – GROUNDING DETAIL**  
 (NOT TO SCALE)



**EXISTING 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.



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

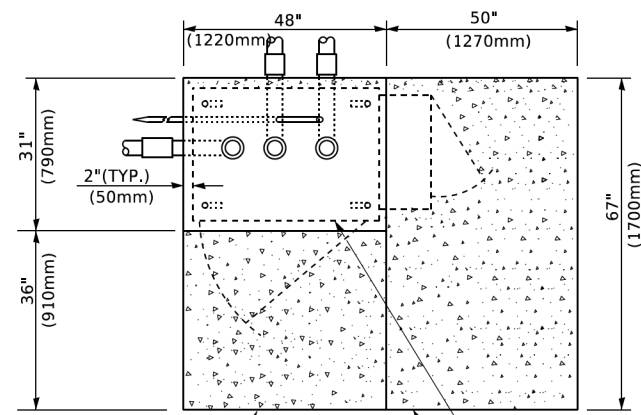
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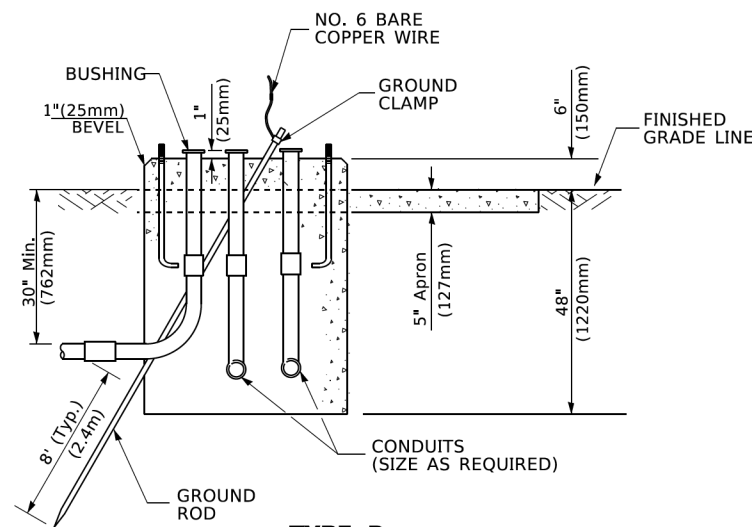
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

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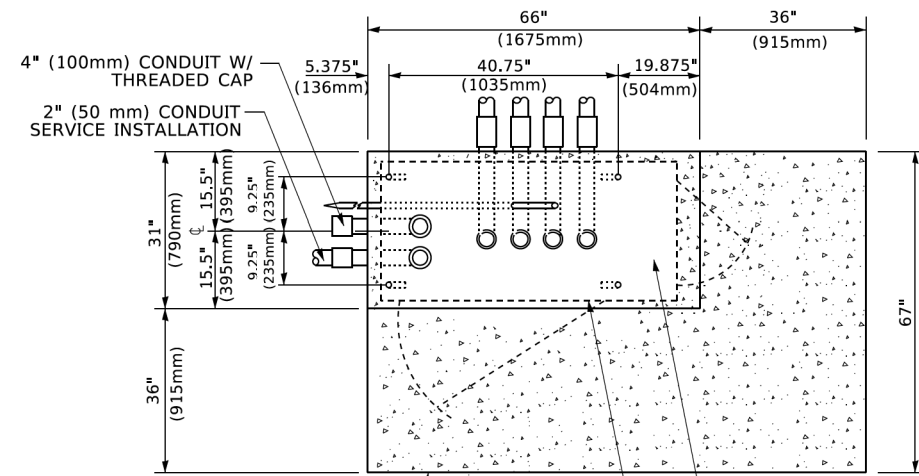
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2509	18-0050-00-PV	KANE	258	124
TS-05		CONTRACT NO.	61J65	
ILLINOIS / FED. AID PROJECT				



**TOP VIEW**



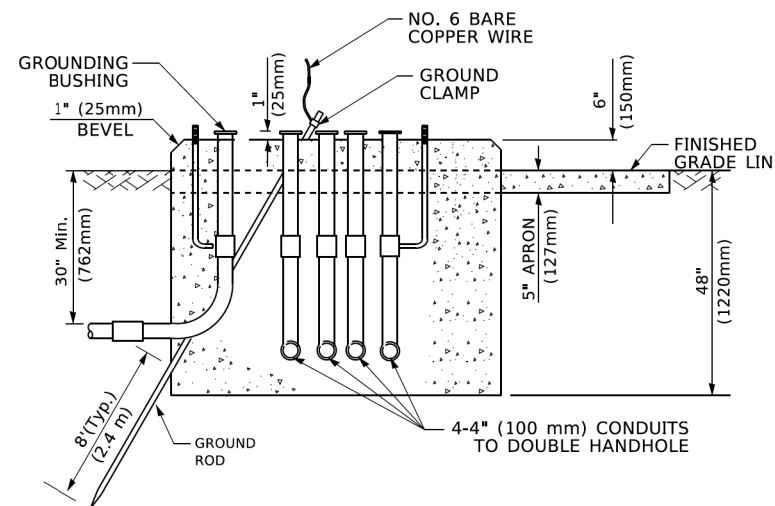
**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



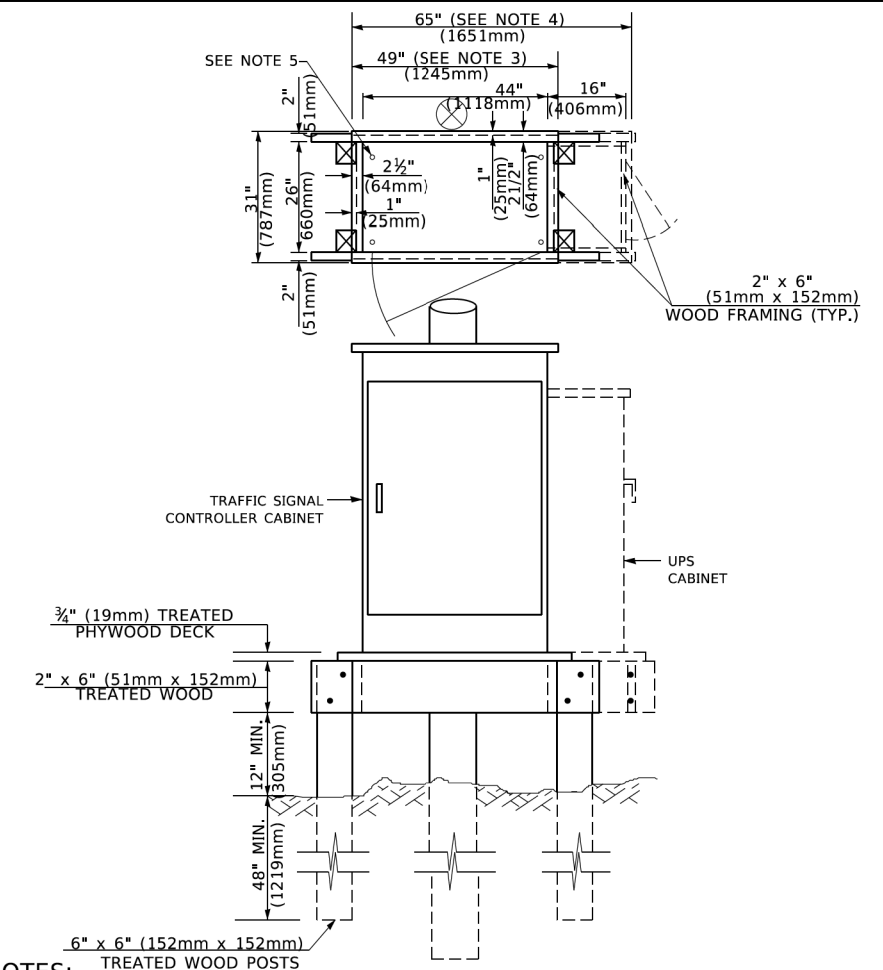
**TOP VIEW**

**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)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 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**

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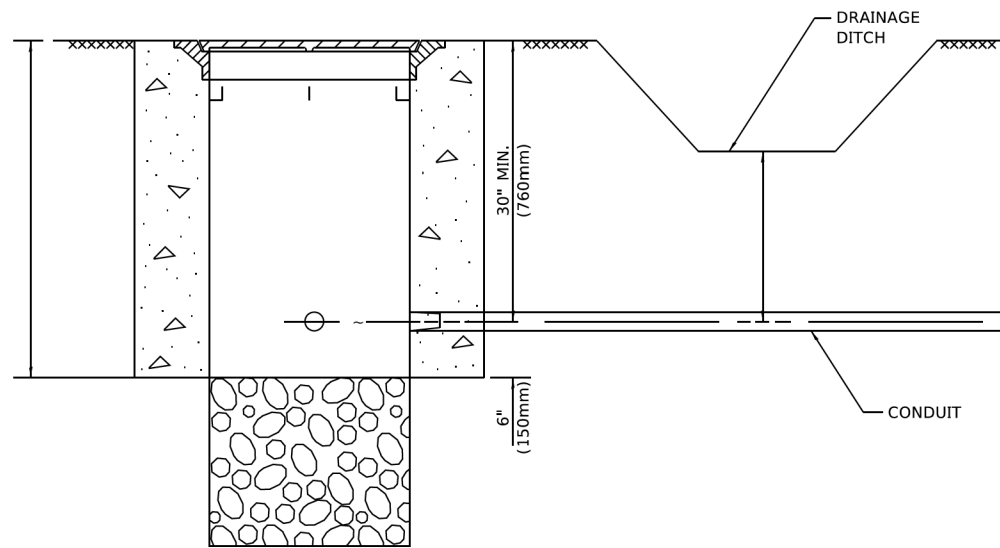
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

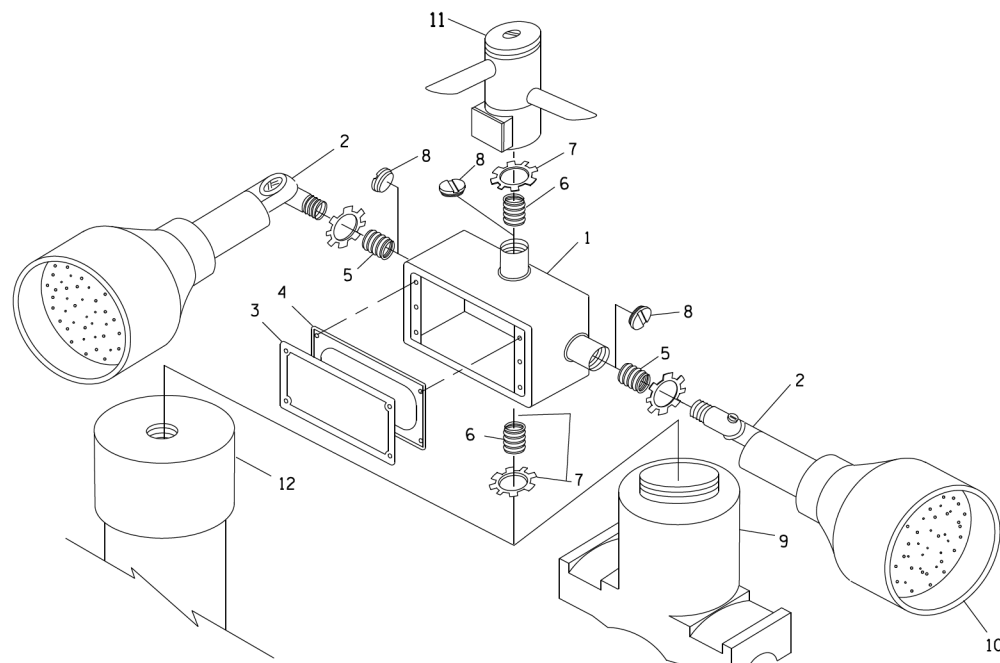
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2509	18-00050-00-PV	KANE	258	125
TS-05		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



**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.

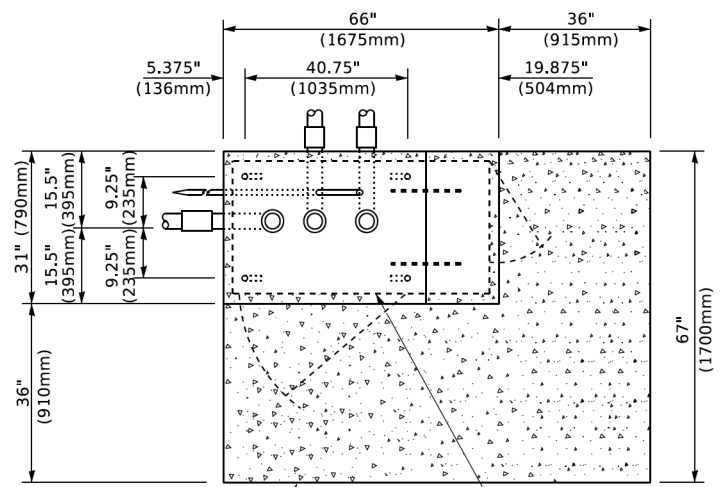
**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
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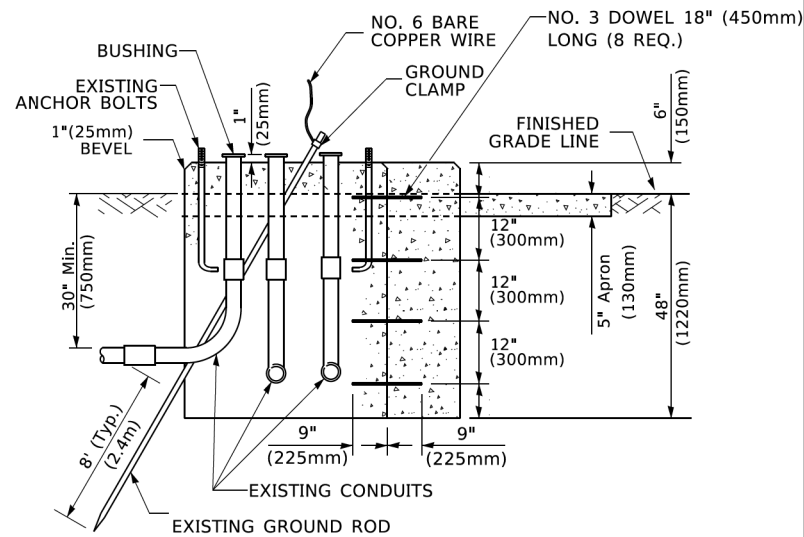
**POST CAP MOUNT**

**MAST ARM MOUNT**

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



**TOP VIEW**  
(NOT TO SCALE)

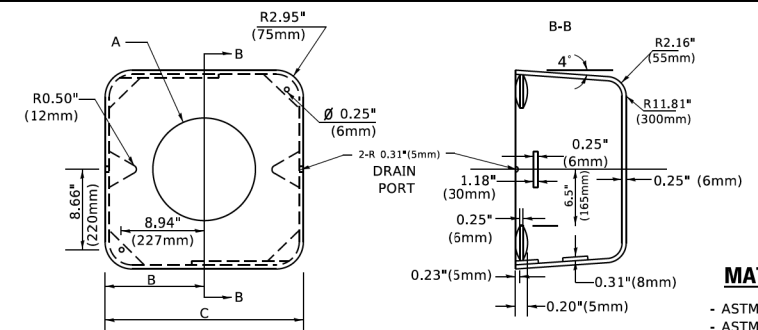


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

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.



**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)

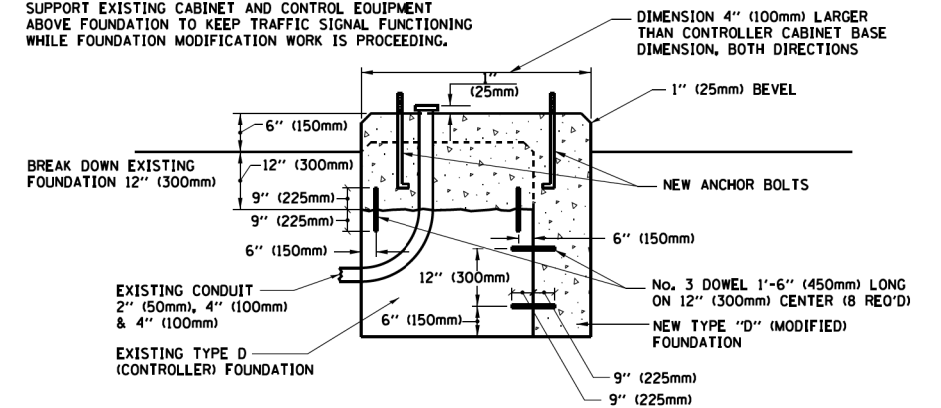
**SHROUD**

**NOTES:**

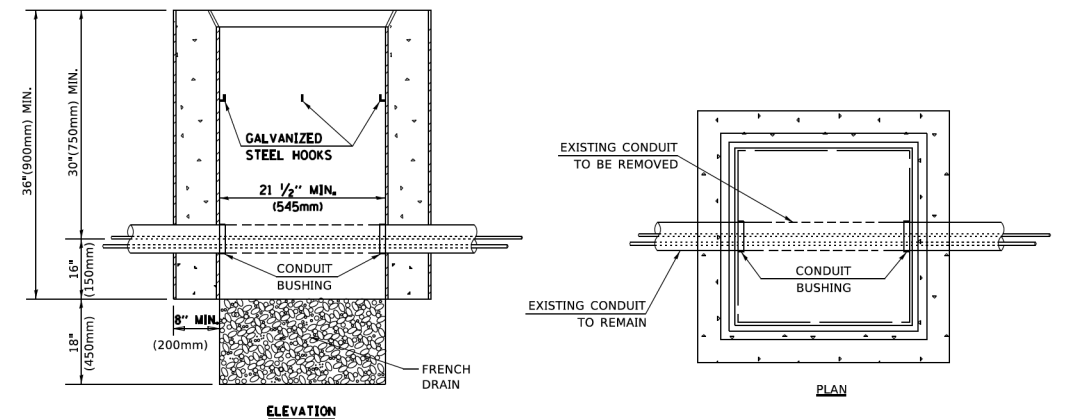
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**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**

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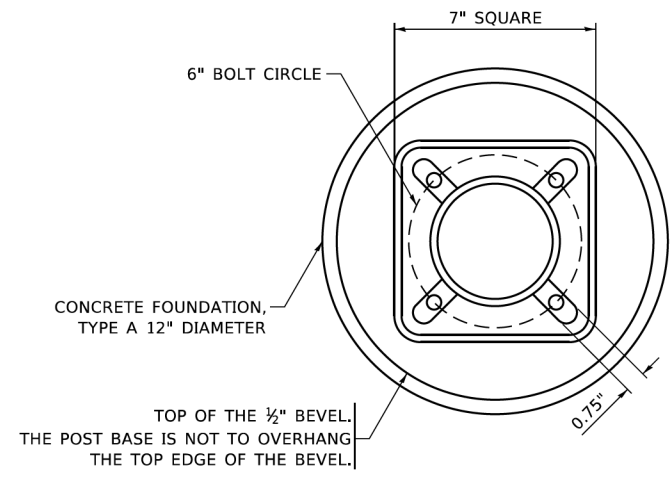
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

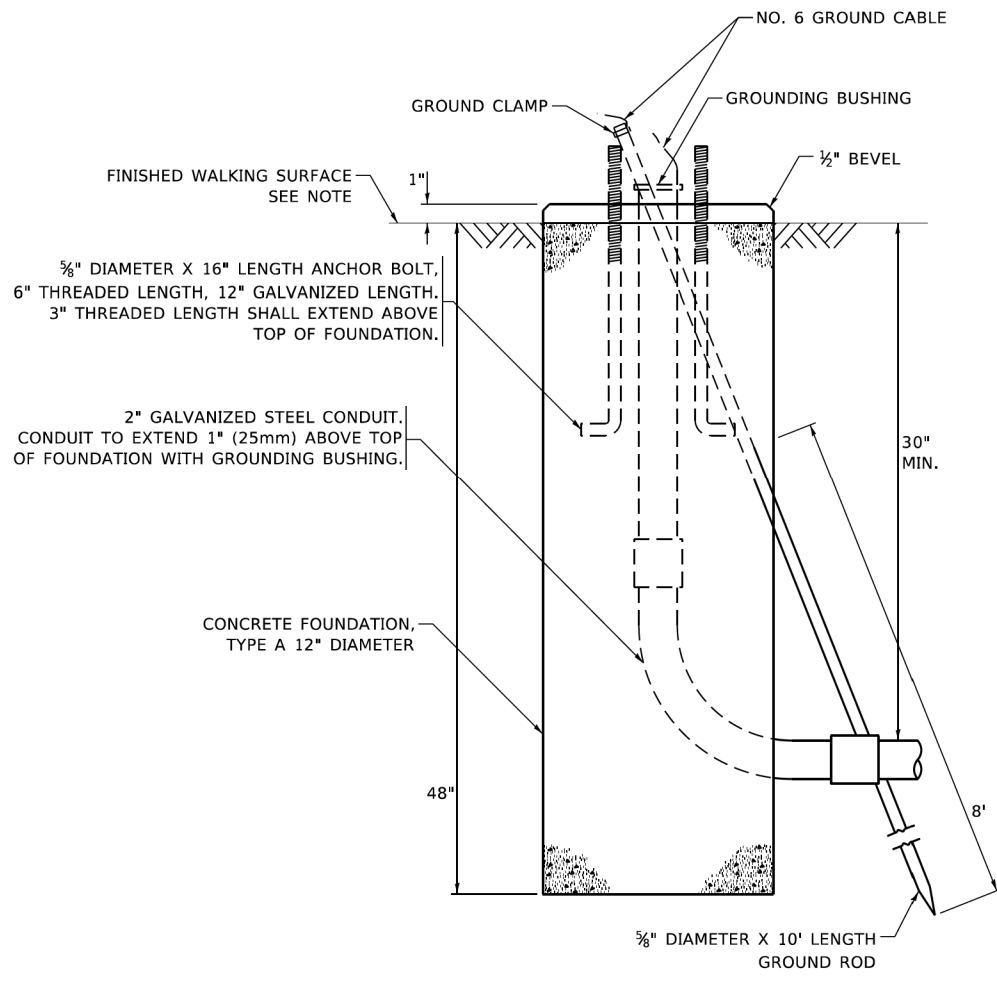
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	126
<b>TS-05</b>		CONTRACT NO.	61J65	
ILLINOIS FED. AID PROJECT				



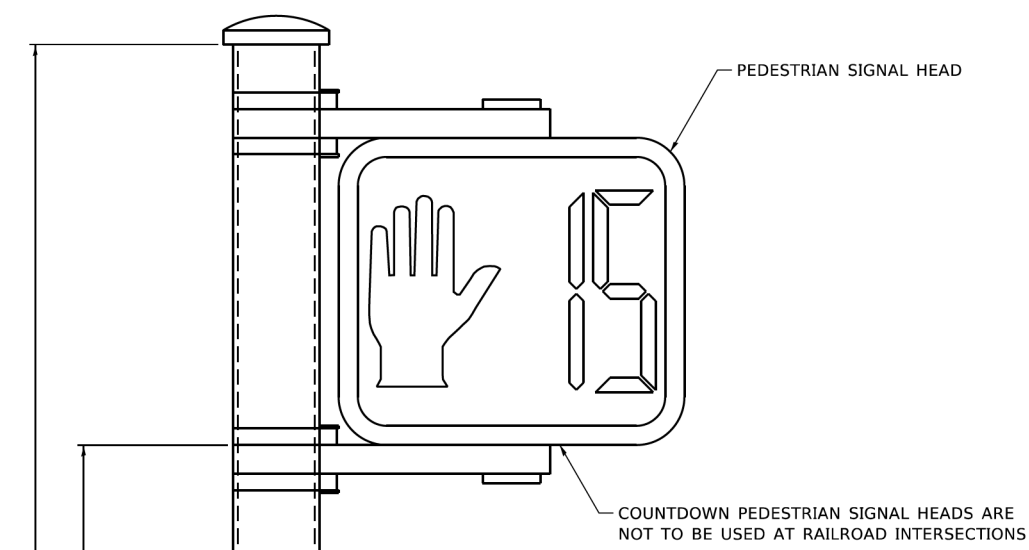


**BOLT PATTERN**

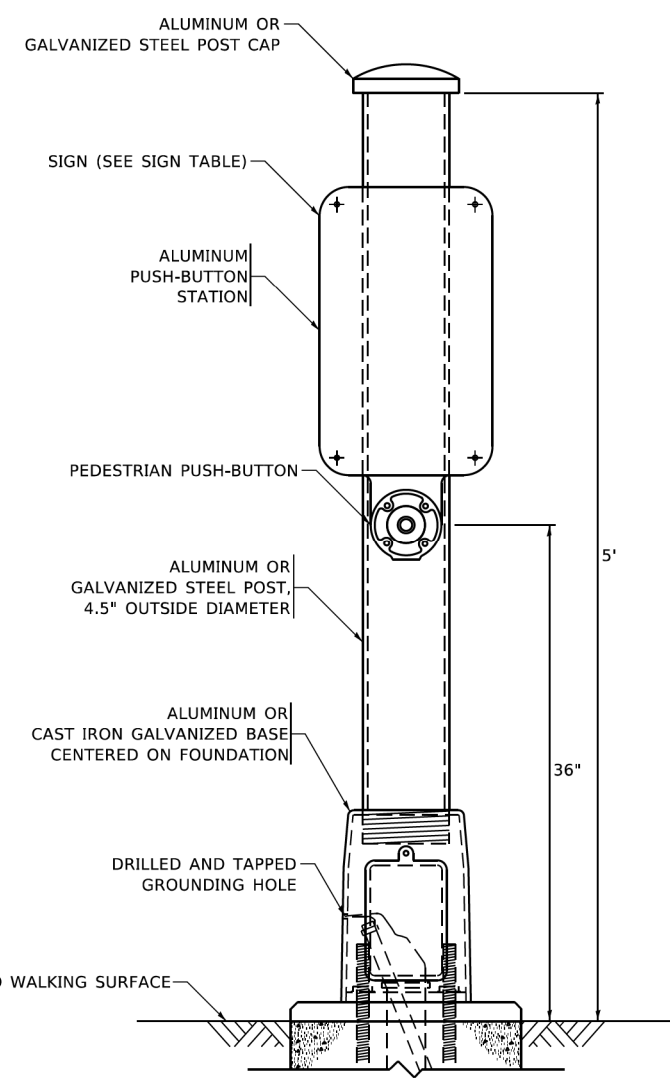
**NOTE:**  
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



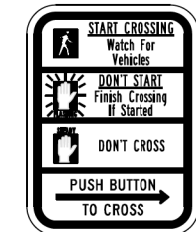
**CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER**



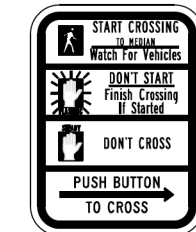
**PEDESTRIAN SIGNAL POST, 10 FT.**



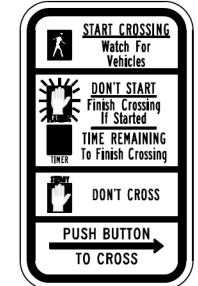
**PEDESTRIAN SIGNAL POST, 5 FT.**



**R10-3b**



**R10-3d**



**R10-3e**

**SIGN TABLE**

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

**NOTES:**  
 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.  
 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.  
 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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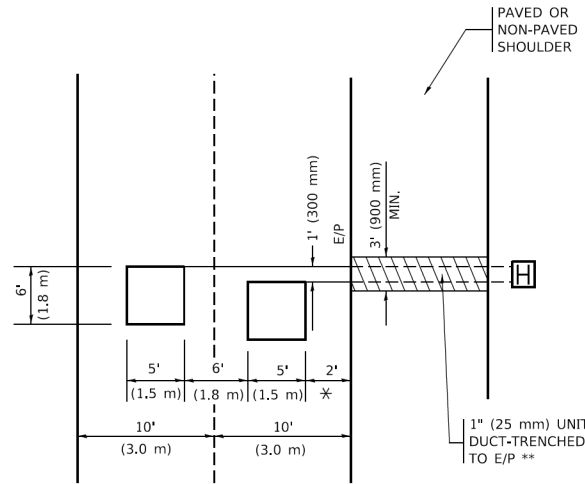
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**  
 SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	127
<b>TS-05</b>		CONTRACT NO.	6165	
ILLINOIS FED. AID PROJECT				

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

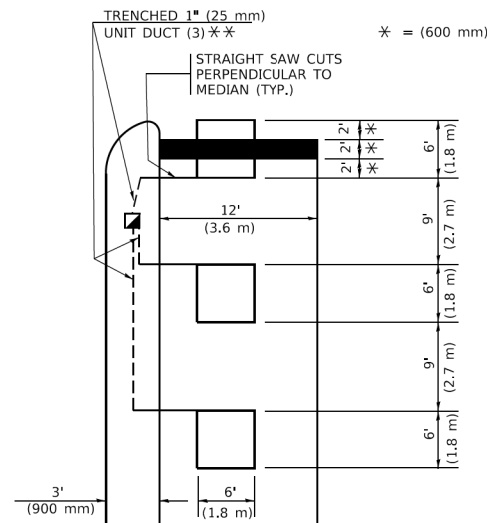


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**

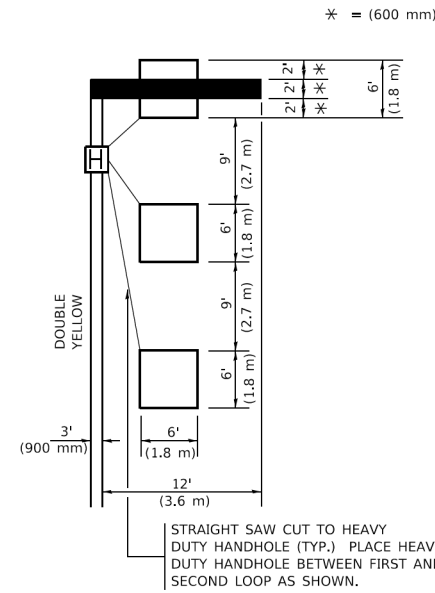
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

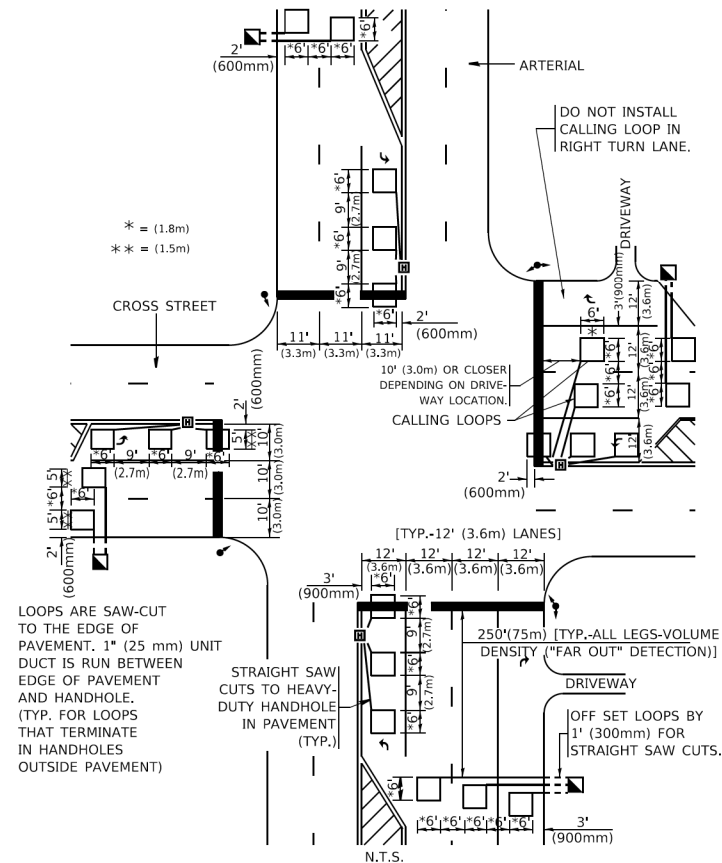
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**



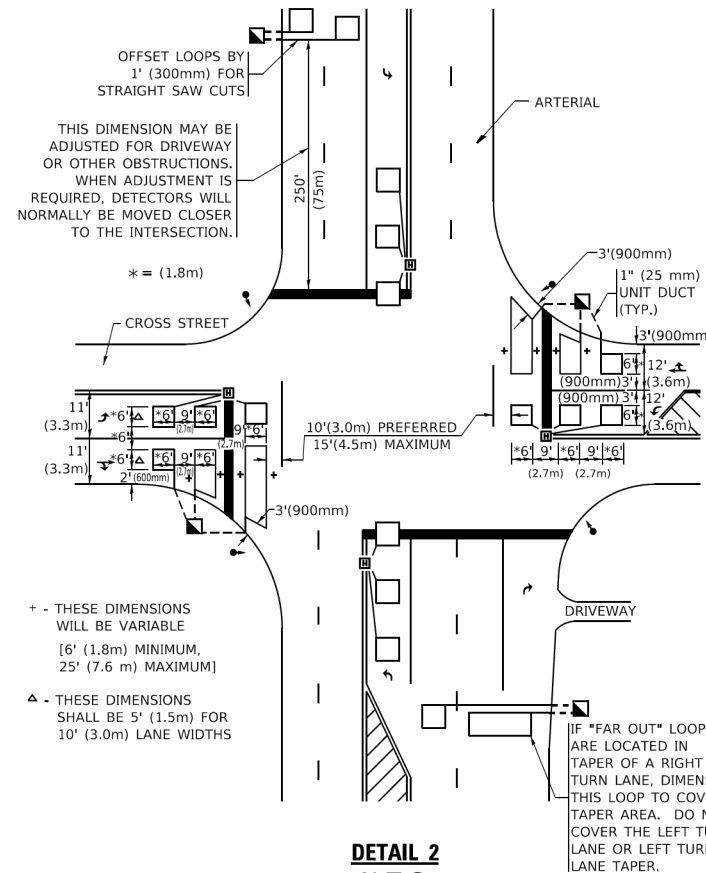
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1**  
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2**  
N.T.S.

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION</b>			
<b>DETAILS FOR ROADWAY RESURFACING</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	128
<b>TS-07</b>		CONTRACT NO. 61J65		
ILLINOIS / FED. AID PROJECT				

**EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION**

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		5			5			8			8			11		11			14		18			18			22			22			26			26		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	2	3									
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2 OR 3	1C	2	1E	1F	3	1H	2	1K	1L	3	2	1P	1Q	3	2	1T	1U	2	1W	3	1Y	1Z	2	1BB	3	1DD	1EE	2	3											
MAIN STREET END MAST ARM AND FAR LEFT SIGNALS	R ←Y	R	R	R	R	R	R	G ←G	G ←Y	G ←G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇					
MAIN STREET FAR RIGHT SIGNAL	R	R	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇				
MAIN STREET END MAST ARM AND FAR LEFT SIGNALS	R ←Y	G ←G	G ←Y	G ←G	Y	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇				
MAIN STREET FAR RIGHT SIGNAL	R	G	G	G	Y	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇				
CROSS STREET END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	Y	R	G	G	G	Y	R	G	R	G	R	G	R	G	◇				
CROSS STREET FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇			
CROSS STREET END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	Y	R	G	G	Y	R	G	R	G	R	G	R	G	R	G	◇			
CROSS STREET FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇			
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H	FH	H	FH	H	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇				
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H	H	H	H	H	H	FH	H	FH	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇				
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	◇					
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇					

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2 OR 3 IS TERMINATED.

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	DRAWN -	REVISED -
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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMERGENCY VEHICLE PREEMPTION  
SEQUENCE OF OPERATION - MAIN STREET AND CROSS STREET**

F.A. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 129
SCALE:		SHEET 1 OF 2 SHEETS		STA. TO STA.
TS-08		CONTRACT NO.		61J65
ILLINOIS FED. AID PROJECT				

**PROPOSED SEQUENCE OF OPERATION**

MOVEMENT	1 + 5				1 + 6			2 + 5			2 + 6			3 + 7				3 + 8				4 + 7				4 + 8						
PHASE	1 + 5				1 + 6			2 + 5			2 + 6			3 + 7				3 + 8				4 + 7				4 + 8						
INTERVAL	1	2	3	4	5	6	7	8	9	10	11	12	13A	13B	14	15	16	17	18	19	20A	20B	21	22	23	24A	24B	25	26	27	28A	28B
CHANGE TO	1+6				2+6			2+6			2+6			3+7 3+8 4+7 4+8				3+8 4+7				4+8				1+5 1+6 2+5 2+6						
MAIN STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET E/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	G	G	G	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET W/B FAR RIGHT SIGNAL	R	R	R	R	G	G	G	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
CROSS STREET S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	Y	R
CROSS STREET S/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	Y	R
CROSS STREET N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
CROSS STREET N/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H	H	H	H	*P	**FH	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H	H	H	H	H	H	H	*P	**FH	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	*P	**FH	H	H
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	*P	**FH	H	H

\* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION  
 \*\* FLASHING [Symbol] IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.  
 THIS [Symbol] OR FLASHING [Symbol] INTERVAL MAY FINISH TIMING IN THE [Symbol] BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE [Symbol] OR FLASHING [Symbol] INTERVALS.  
 [Symbol] AND FLASHING [Symbol] TIMINGS TO BE SET ONLY ON PHASES WHERE [Symbol] AND FLASHING [Symbol] ARE INDICATED IN THE SEQUENCE OF OPERATION.  
 P = ILLUMINATED PERSON = WALK  
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK  
 H = ILLUMINATED SOLID HAND = DON'T WALK

PHASE 2+6 SHALL BE PLACED ON RECALL.

NLT = "NO LEFT TURN" OR [Symbol]  
 NRT = "NO RIGHT TURN" OR [Symbol]

**PROPOSED RAILROAD PREEMPTION SEQUENCE OF OPERATION**

	1	5	8	11	14	18	22	26	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2											
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	8	11	14	18	22	26														
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER									2	3												
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1I	1K	1L	1M	1N	1P	1Q	1R	1S	2	3	4	5	CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	2	1E	2	1G	2	2	1K	2	2	1N	2	1Q	2	1S	2	3	4	5		
MAIN STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	Δ
MAIN STREET E/B FAR RIGHT SIGNAL	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	Δ
MAIN STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	Δ
MAIN STREET W/B FAR RIGHT SIGNAL	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	Δ
CROSS STREET S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Δ
CROSS STREET S/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Δ
CROSS STREET N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	Y	R	R	Y	R	R	R	Y	R	R	R	R	Δ
CROSS STREET N/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	Δ
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H	FH	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	Δ
INTERNALLY ILLUMINATED NRT SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	Δ
INTERNALLY ILLUMINATED NLT SIGNS	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	Δ

Δ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

MODEL: Default  
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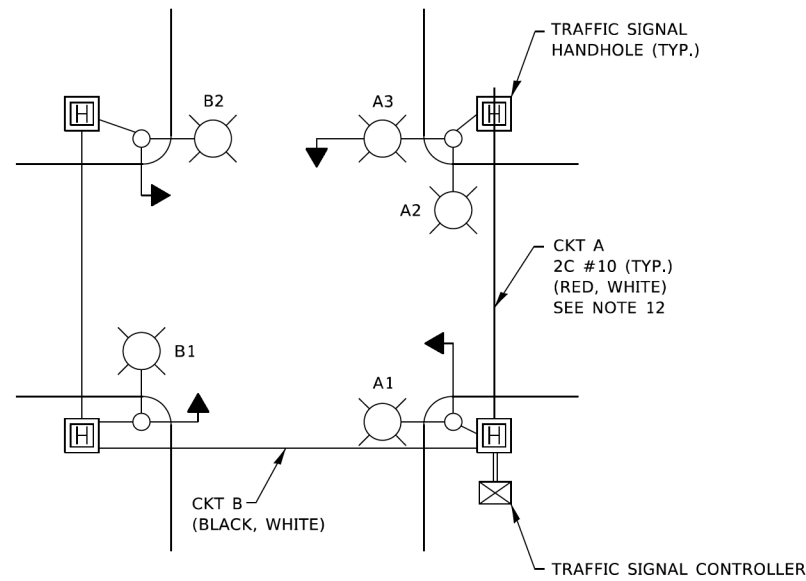
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EMERGENCY VEHICLE PREEMPTION  
SEQUENCE OF OPERATION - MAIN STREET AND CROSS STREET**

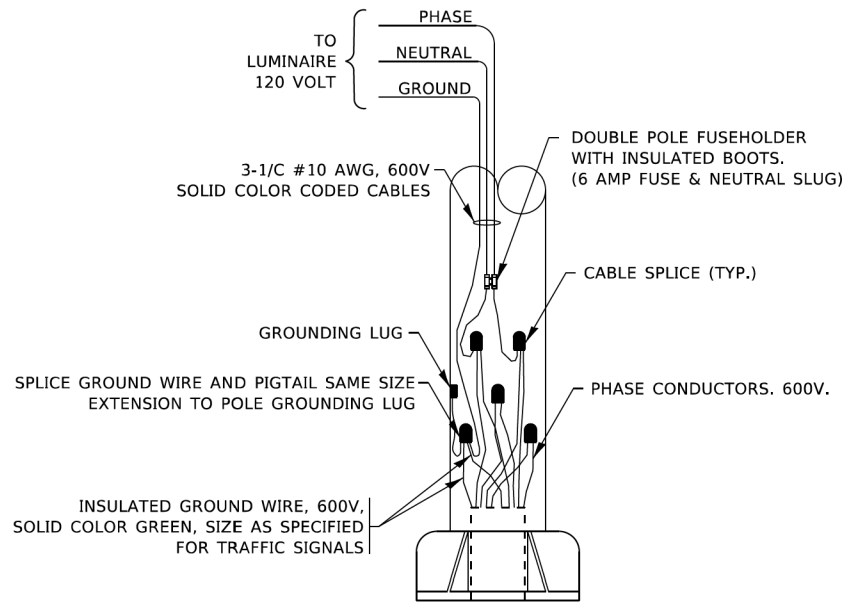
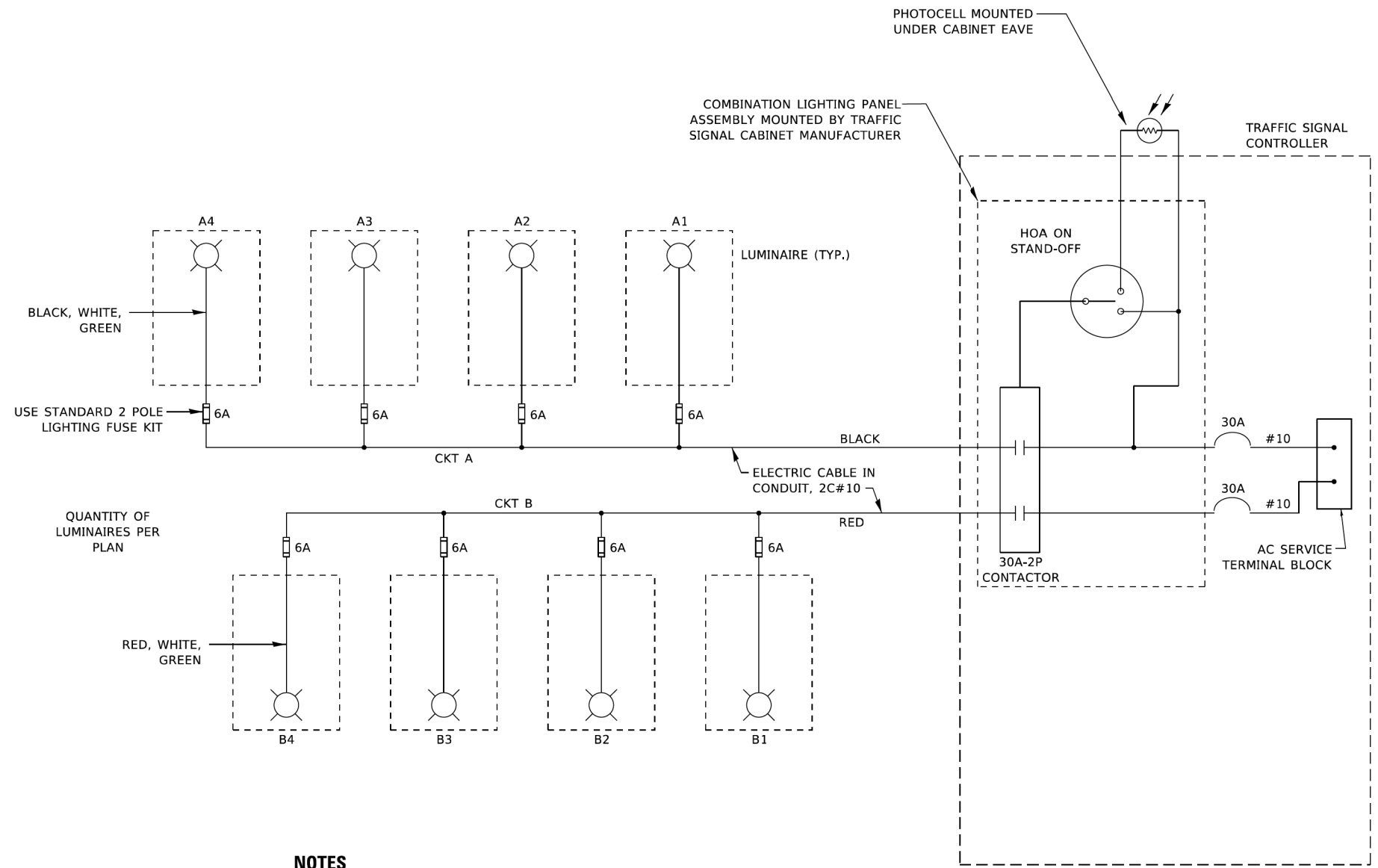
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	130
TS-08		CONTRACT NO.	61365	
ILLINOIS FED. AID PROJECT				

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





**TYPICAL LIGHTING CIRCUIT**  
(NOT TO SCALE)



**COMBINATION POLE WIRING DETAIL**  
(NOT TO SCALE)

- NOTES**
1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
  2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
  3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
  4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
  5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
  6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
  7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
  8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
  9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
  10. LUMINAIRE VOLTAGE SHALL BE 120V
  11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
  12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

MODEL: Default  
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	DRAWN -	REVISED - R. TOMSONS 3/22/18
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PLOT DATE = 5/5/2022	DATE - 08/18/2014	REVISED - T.G. 5/05/2022

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

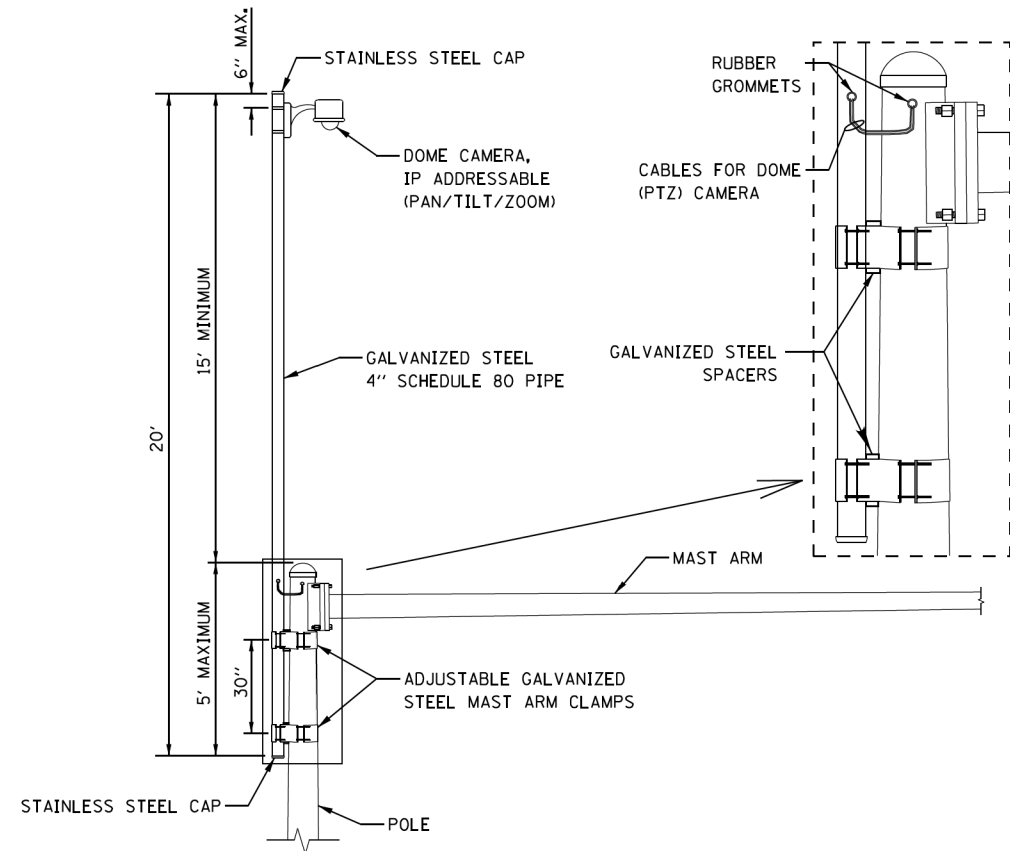
**COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	131
<b>BE-240</b>		CONTRACT NO.	61/65	
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES FOR ALL PTZ (PAN, TILT, ZOOM) CAMERA INSTALLATIONS**

1. CABLE SLACK SHALL MEET IDOT REQUIREMENTS EXCEPT WHERE SLACK IS PROVIDED IN HANDHOLES AND DOUBLE HANDHOLES. SLACK SHALL BE 15' MIN. IN ALL HANDHOLES FOR PTZ RELATED CABLES.
2. PTZ CAMERAS SHALL BE IP (INTERNET PROTOCOL) ADDRESSABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH KDOT TRAFFIC IN REQUESTING AND PROGRAMMING THE IP ADDRESS DESIRED BY KDOT TRAFFIC INTO THE PTZ EQUIPMENT.
3. CAMERA SHALL HAVE A MINIMUM THIRTY (30x) MECHANICAL ZOOM AND MINIMUM TWELVE (12x) DIGITAL ZOOM. VIDEO QUALITY SHALL BE H.D. TV QUALITY (1080p MINIMUM).
4. PTZ CAMERA SHALL BE HIGH POE (POWER OVER ETHERNET, 60W) UNLESS OTHERWISE STATED. A POE EXTENDER SHALL BE INSTALLED WITHIN AN APPROPRIATELY SPACED AUXILIARY CABINET AS TO NOT EXCEED 300 FEET CONSECUTIVE CABLE LENGTH AS MEASURED ALONG THE CABLE (INCLUDING CABLE SLACK). COST OF AUXILIARY CABINET AND REQUISITE ADDITIONAL CABLES, FIBER OPTIC, JUMPERS, ETC. SHALL BE INCLUDED IN THE COST OF THE PTZ CAMERA BEING INSTALLED.
5. PTZ CABLES SHALL BE OUTDOOR RATED CAT6A UNLESS OTHERWISE RECOMMENDED BY EQUIPMENT MANUFACTURER AND APPROVED BY THE ENGINEER.
6. CONTRACTOR SHALL PROVIDE AN ITEMIZED INVENTORY OF THE PTZ CAMERA EQUIPMENT AND CABINET COMPONENTS CONTAINING MODEL, SERIAL, AND PART NUMBERS. THIS INVENTORY TO BE FURNISHED DURING ACCEPTANCE OF SYSTEM OR FINAL TRANSFER OF SYSTEM MAINTENANCE.
7. RUBBER GROMITS SHALL BE INSTALLED IN ALL HOLES / OPENINGS USED TO RUN PTZ EQUIPMENT CABLE.
8. THE CONTRACTOR SHALL CONTACT KANE COUNTY TRAFFIC PRIOR TO INSTALLING THE PTZ CAMERA AND ASSOCIATED WIRING TO RECEIVE FINAL APPROVAL ON THE CAMERA LOCATION.

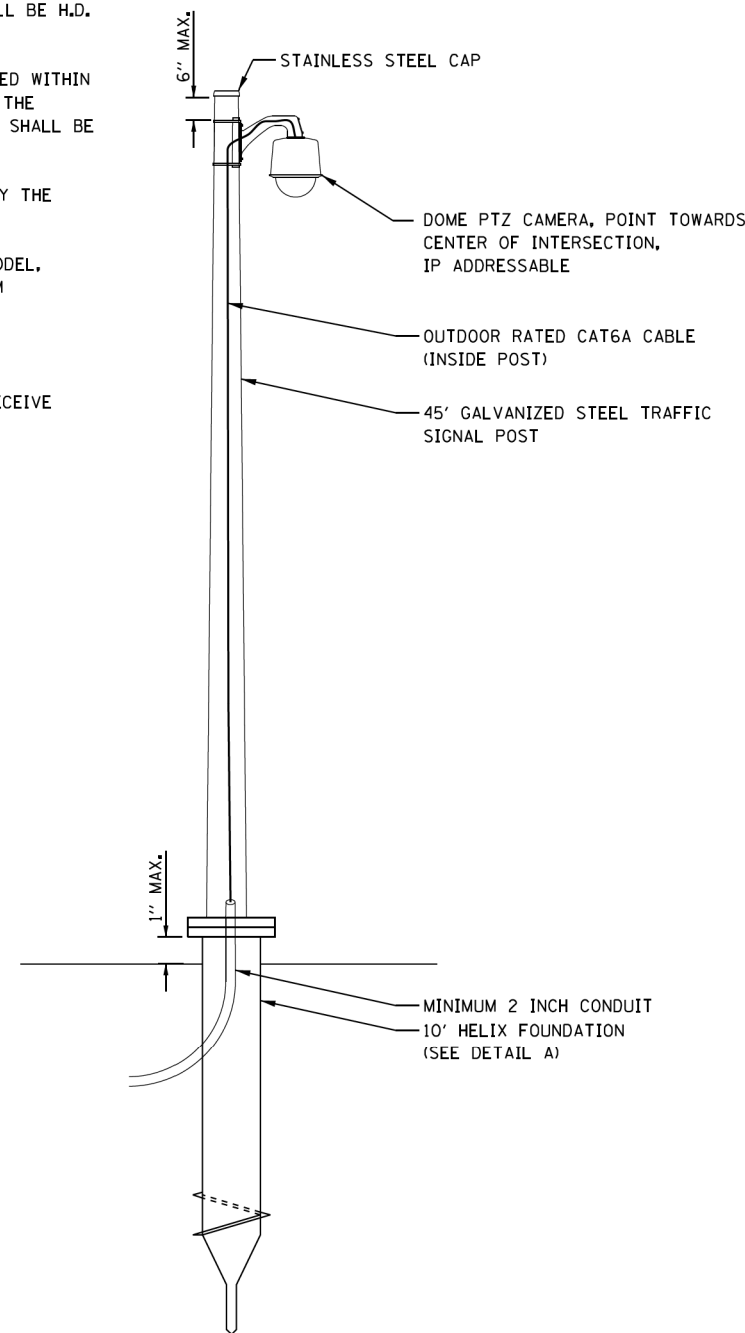


**CAMERA MOUNTING ASSEMBLY DETAIL:  
PIPE / POLE EXTENSION**

(NOT TO SCALE)

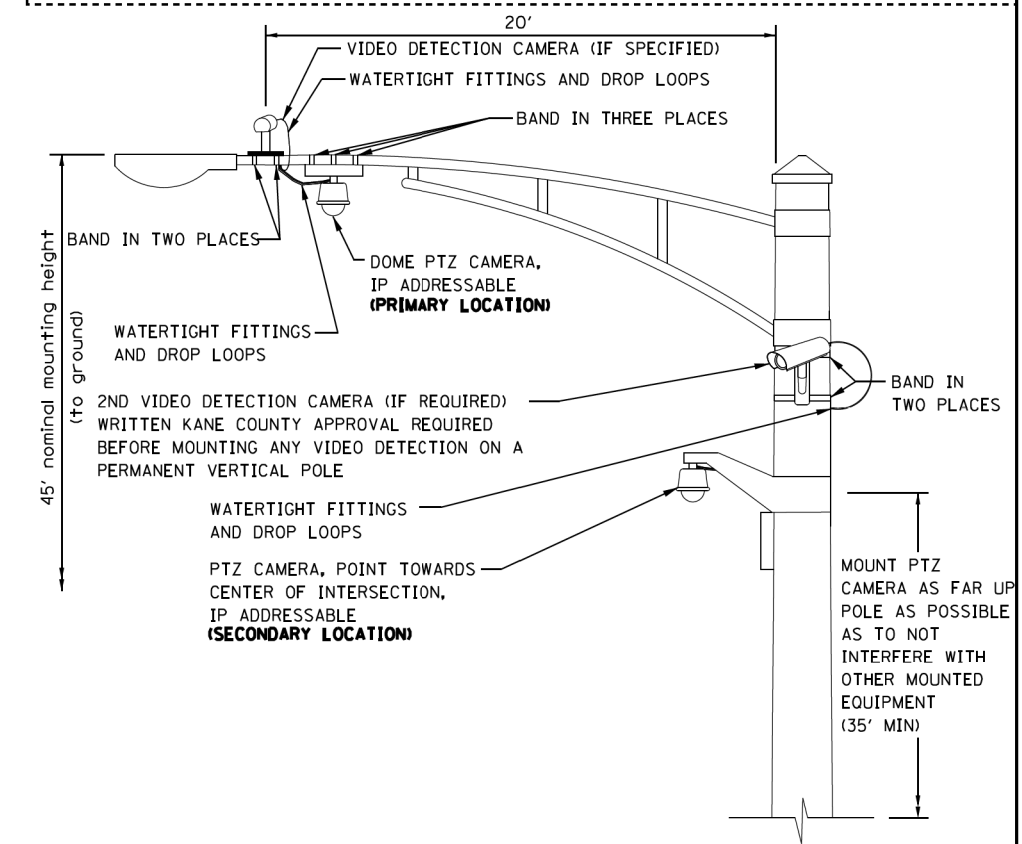
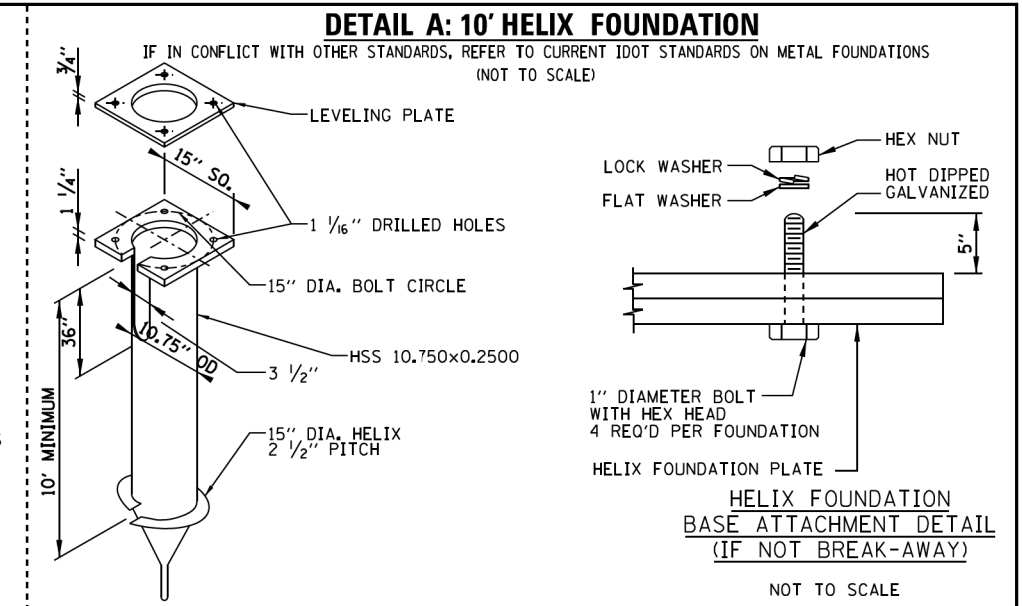
**NOTES:**

- THE MAST ARM IS TAPERED.
- INSTALL EXTENSION POLE VERTICAL AND PLUMB BY MODIFYING/INSTALLING BRACKETS AS NECESSARY. ADDITIONAL SPACERS REQUIRED ARE INCLUDED IN THE COST OF THE CAMERA MOUNTING ASSEMBLY OF THE TYPE SPECIFIED.
- SPACERS ARE TO BE INTEGRATED OR MANUFACTURED WITH THE MAST ARM BRACKETS.



**CAMERA MOUNTING ASSEMBLY DETAIL:  
STAND-ALONE 45' POST**

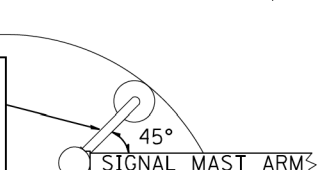
(NOT TO SCALE)



**CAMERA MOUNTING ASSEMBLY DETAIL:  
COMBINATION MAST ARMS**

(NOT TO SCALE)

PTZ CAMERA ARM\* SHALL BE ALIGNED AT AN ANGLE OF 45° TOWARD THE CENTER POINT OF THE INTERSECTION. MAINTAIN VISIBILITY OF CONTROLLER CABINET FROM CAMERA  
\*PTZ CAMERA ARM CAN BE MANUFACTURER MOUNTING EQUIPMENT OR LUMINAIARE ARM.



**PTZ CAMERA MOUNTING DETAILS**

(SECONDARY LOCATION ONLY)  
(NOT TO SCALE)

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	DRAWN - SDZ 12/31/14	REVISED - SDZ 08/22/16
PLOT SCALE = 100.0000' / 1" = 1'	CHECKED - DRAFT	REVISED -
PLOT DATE = 12/11/2019	DATE - 01-16-2015	REVISED -

**KANE COUNTY  
DIVISION OF TRANSPORTATION**

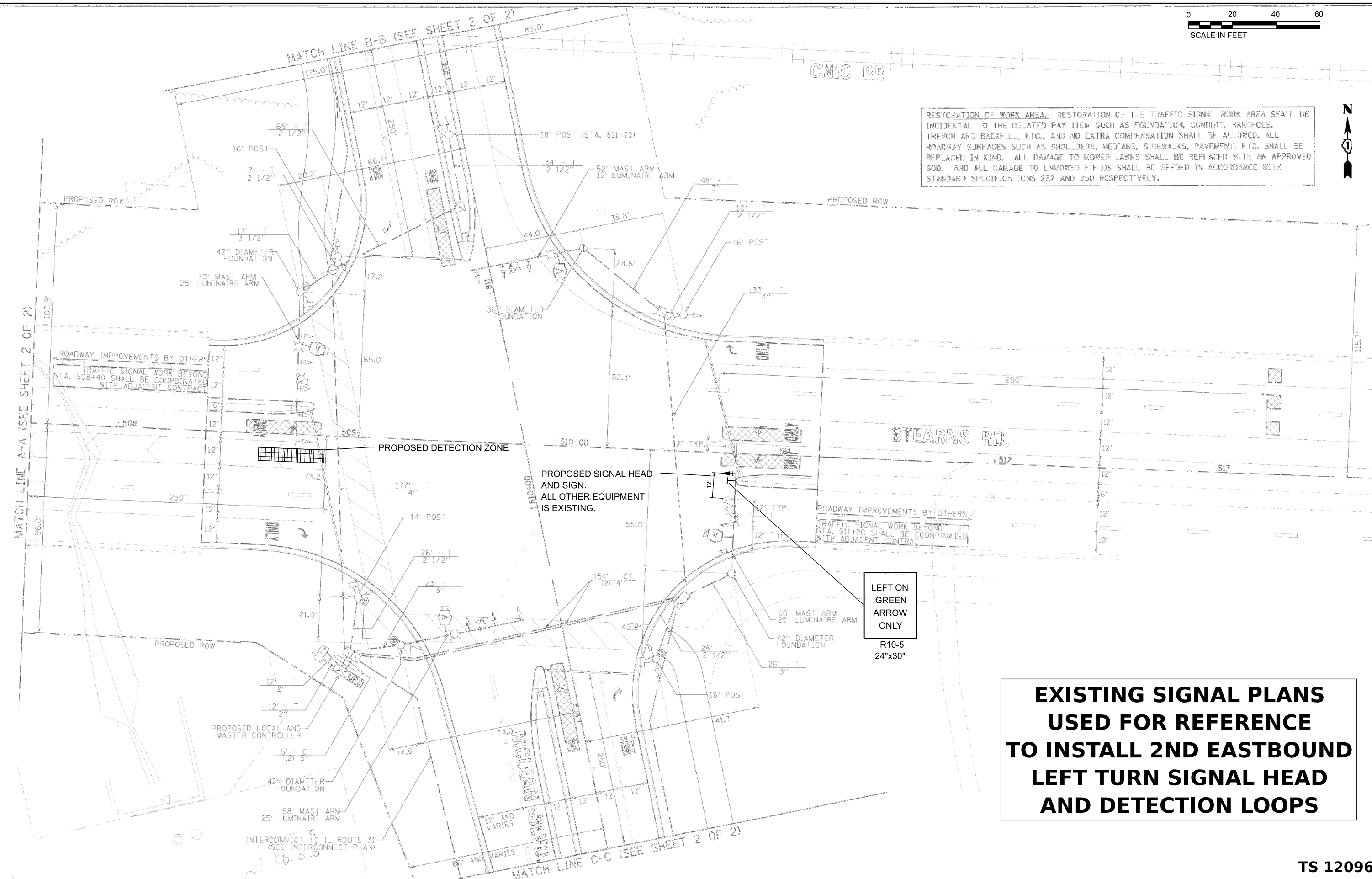
**CCTV / PTZ CAMERA INSTALLATION DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	132
CONTRACT NO.			61J65	
ILLINOIS FED. AID PROJECT				



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



**EXISTING SIGNAL PLANS  
USED FOR REFERENCE  
TO INSTALL 2ND EASTBOUND  
LEFT TURN SIGNAL HEAD  
AND DETECTION LOOPS**

LEFT ON  
GREEN  
ARROW  
ONLY  
R10-5  
24"x30"

MODEL: Stearns1 - TS (Rev. 1) (Sheet)  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

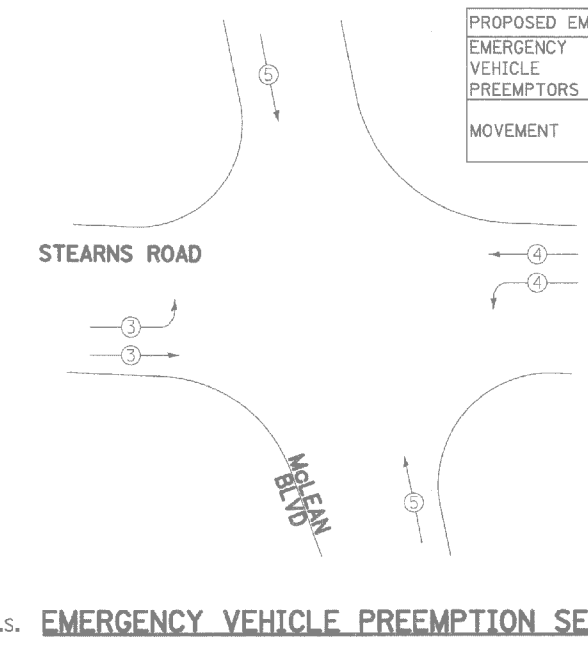
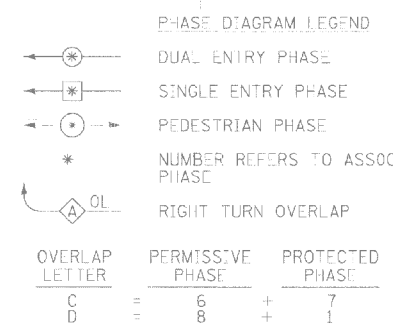
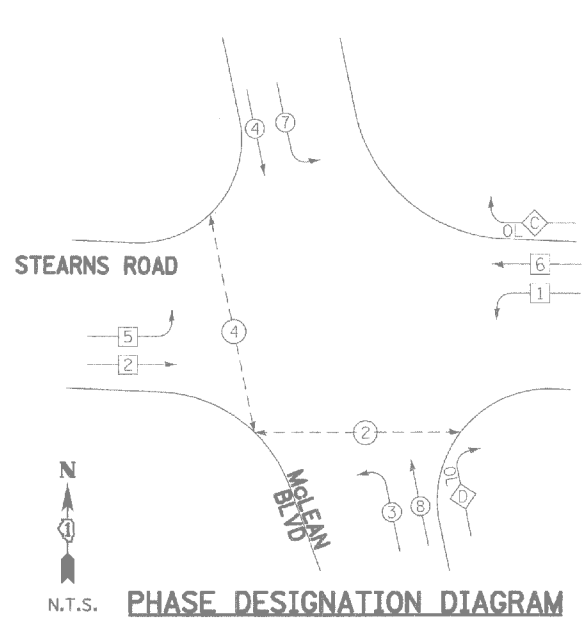
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	DATE - 6/8/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

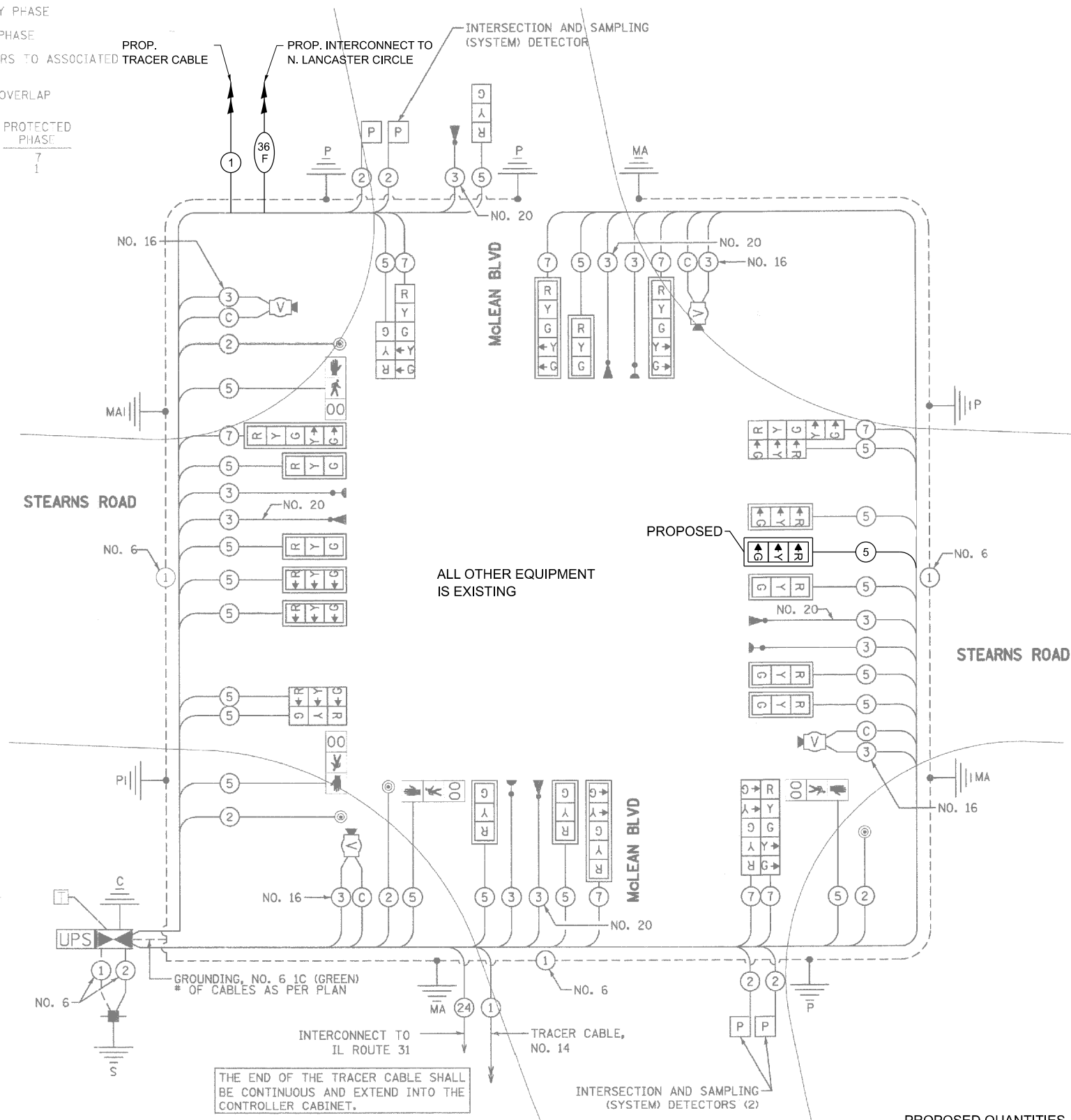
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
TRAFFIC SIGNAL PLAN - STEARNS ROAD**  
 SCALE: 1"=20' SHEET OF SHEETS STA. 38+50 TO STA. 44+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	133
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

**TS 12096**

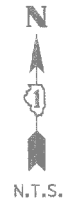


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT			



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

**CABLE PLAN**



PROPOSED QUANTITIES		
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	287
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	1
ETHERNET SWITCH, TYPE 2	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	25	135	17	0.50	212.5
(YELLOW)	25	135	25	0.25	156.3
(GREEN)	25	135	15	0.25	93.8
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	0	84	35	0.05	0.0
VIDEO SYSTEM	1		150	1.00	150.0
UPS	1		25	1.00	25.0
FLASHER	0		25	0.50	0.0
ENERGY COST TO:				TOTAL =	856.8

FOUNDATION (DEPTH)	FT (m)	CABLE SLACK	FT (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONT. & UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2= (6m+L-0.6m)
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
E - M. ARM POLE		CONTROLLER CAB.	1 (0.3)	PED. PUSHBUTTON	4 (1.2)
24" (600MM)	10 (3.0)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
30" (750MM)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
36" (900MM)	15 (4.6)	GROUND CABLE	1 (0.3)	POST MOUNTED	6 (1.8)
42" (1060MM)	25 (7.6)				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: MARTY RUBIN  
 PHONE: 847-608-2400  
 COMPANY: COMMONWEALTH EDISON

HAMPTON, LENZINI AND RENWICK, INC.	USER NAME = knetms	DESIGNED - KN	REVISED -
390 SHEPARD DRIVE ELGIN, ILLINOIS 60123		DRAWN - SS	REVISED -
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184-000959	PLOT SCALE = 99.9998' / In.	CHECKED - NP	REVISED -
	PLOT DATE = 1/30/2024	DATE - 6/8/23	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CABLE PLAN - STEARNS ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

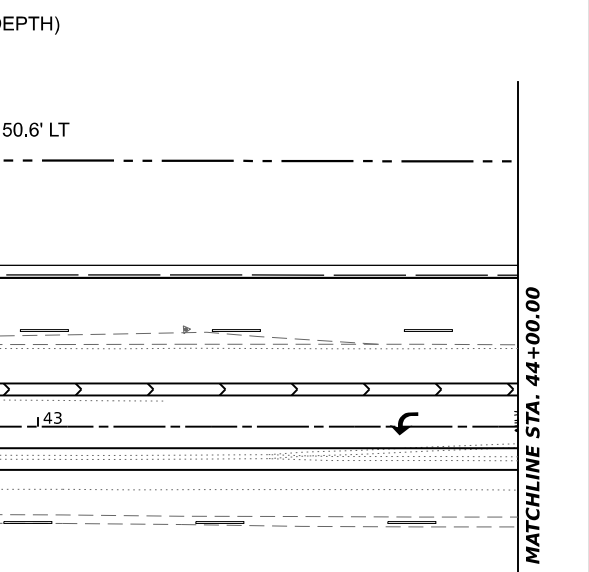
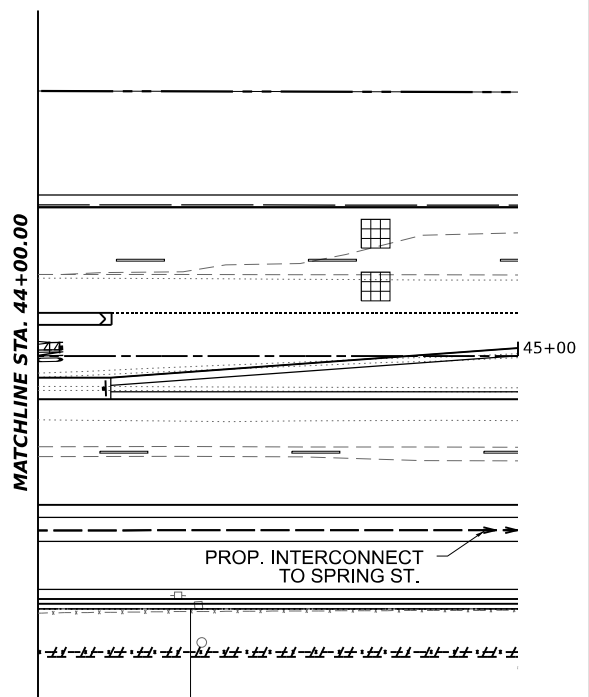
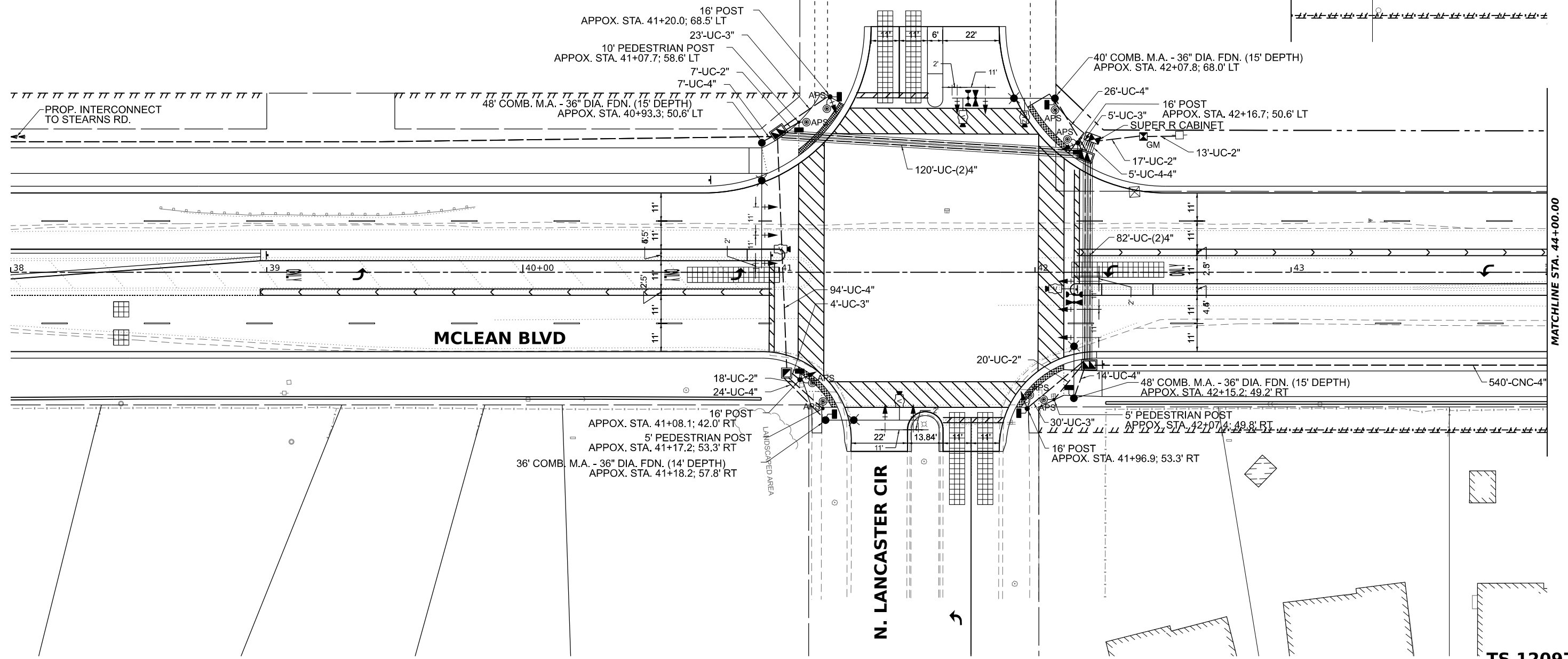
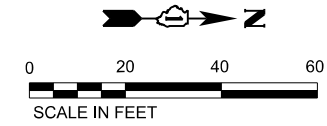
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	134
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

TS 12096

MODEL Stearns Cable Plan (Sheet)  
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**NOTES**

1. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON McLEAN BLVD. TWO WEEKS PRIOR AND TWO WEEKS AFTER THE TRAFFIC SIGNAL IS TURNED ON.
2. VIDEO DETECTION SYSTEMS SHALL BE MOUNTED ON RISER BRACKETS AT THE LENGTH DETERMINED BY THE MANUFACTURER. FINAL CAMERA LOCATIONS SHALL BE OPTIMAL TO MINIMIZE OCCLUSION BASED FALSE CALLS FROM TRAFFIC IN ADJACENT LANES.
3. MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED IN EACH CORRESPONDING LANE.
4. LUMINAIRE ARMS AND SHIELDING SHALL BE PROVIDED AS FOLLOWS  
 NORTHWEST CORNER: 25 FEET, STREET SIDE SHIELD  
 NORTHEAST CORNER: 25 FEET, HOUSE SIDE SHIELD  
 SOUTHWEST CORNER: 25 FEET, STREET SIDE SHIELD  
 SOUTHEAST CORNER: 20 FEET, STREET SIDE SHIELD



**TS 12097**

MODEL: McLean1 - TS Plan 1 (Sheet)  
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 DATE: 1/30/2024

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME = knelms	DESIGNED - KN	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - SS	REVISED -
PLOT DATE = 1/30/2024	CHECKED - NP	REVISED -
	DATE - 6/8/23	REVISED -

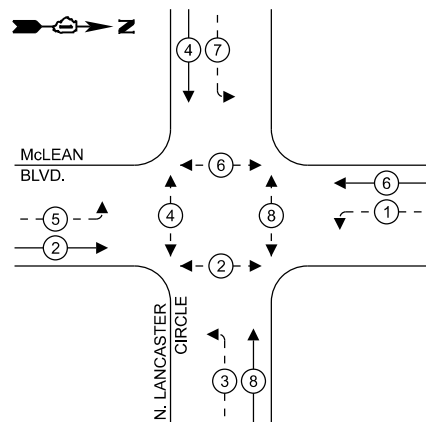
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**TRAFFIC SIGNAL PLAN - N. LANCASTER CIR.**  
 SCALE: 1"=20'  
 SHEET OF SHEETS STA. 38+50 TO STA. 44+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	135
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



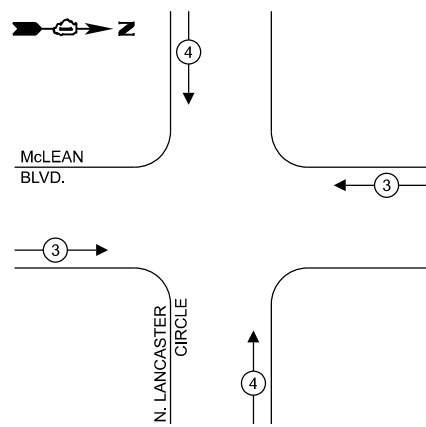
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ⊙\* PROTECTED PHASE
- ⊙\* - - PROTECTED/PERMITTED PHASE
- ⊙\* → PEDESTRIAN PHASE
- ⊙\* OL OVERLAP

**PROPOSED EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

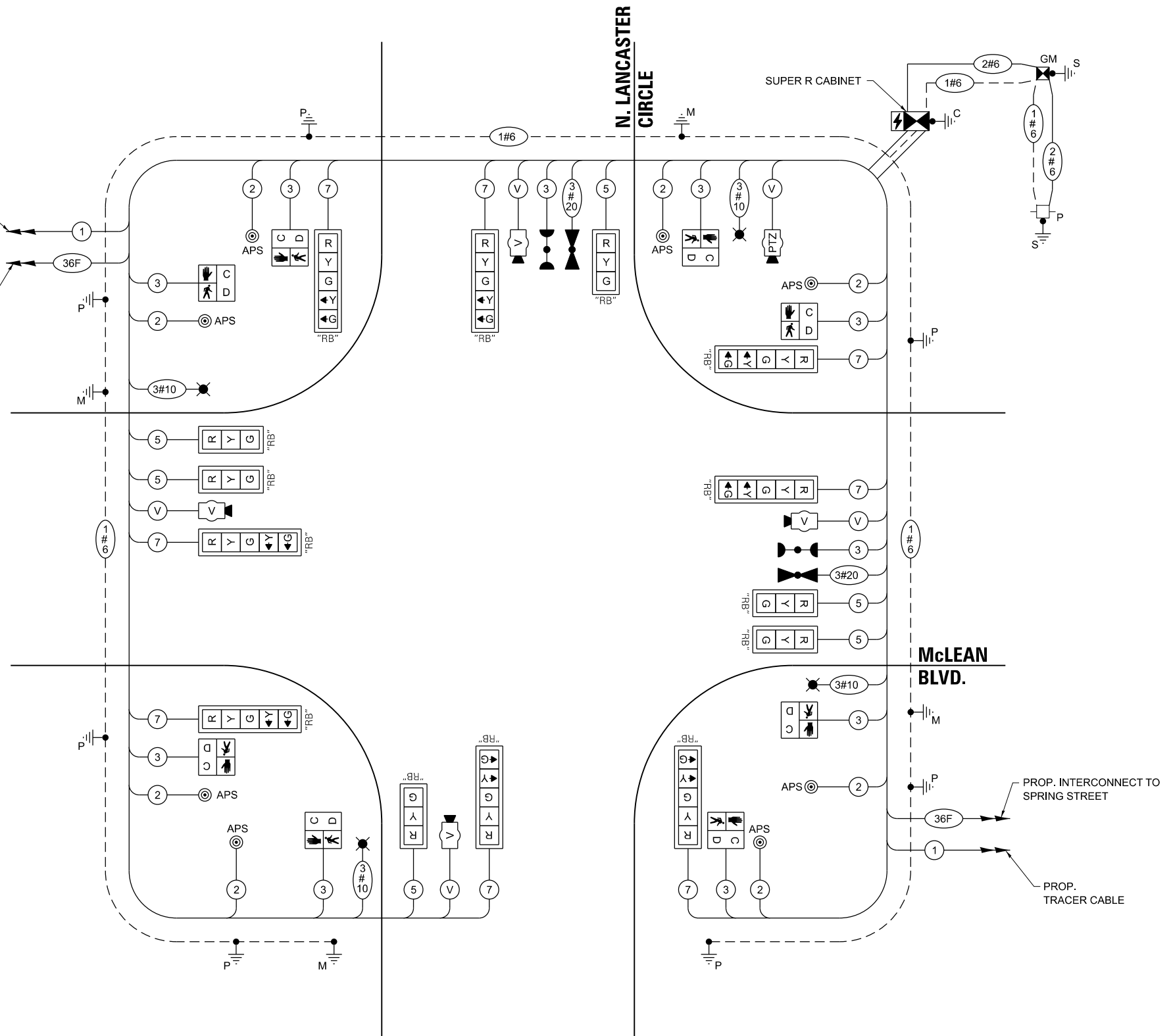
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	4	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
PTZ CAMERA	1	60	60
<b>TOTAL UPS SIZING</b>			<b>640</b>
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	190	760
<b>TOTAL SERVICE WIRE SIZING</b>			<b>1780</b>

NOTE: ALL RED SIGNAL INDICATIONS SHALL HAVE LENS COVERS.

ENERGY COSTS TO:  
VILLAGE OF SOUTH ELGIN  
10 N. WATER ST  
SOUTH ELGIN, IL 60177

ENERGY SUPPLY: CONTACT: JOE SMITH  
PHONE: (630) 424-5704  
COMPANY: COMED  
ACCOUNT NUMBER: ---  
METER NUMBER: ---

PROP. TRACER CABLE  
PROP. INTERCONNECT TO STEARNS ROAD



**CABLE PLAN  
(NOT TO SCALE)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CABLE PLAN - N. LANCASTER CIR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	136
CONTRACT NO. 61J65				

TS 12097

MODEL: N.lancaster - Cable Plan (Sheet) FILE NAME: P:\2023\180894\elgin\2\CAD\Drawings\2\CAD\Sheet\180894-eh-ts\_N.lancaster.dgn

HAMPTON, LENZINI AND RENWICK, INC.  
310 SHEPHERD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184-000959

USER NAME = knehtms  
DESIGNED - KN  
DRAWN - SS  
PLOT SCALE = 99.9998' / In.  
CHECKED - NP  
DATE = 6/8/23  
REVISOR -

DESIGNED - KN  
DRAWN - SS  
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DATE = 6/8/23

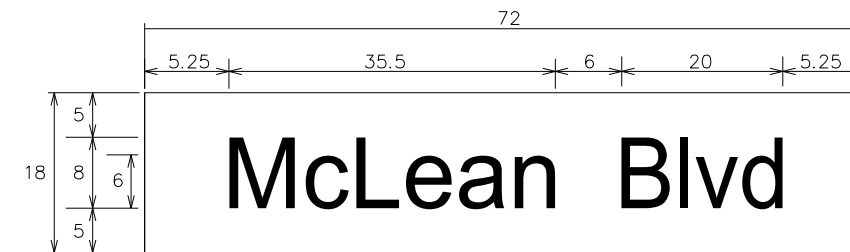
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REVISED -

ILLINOIS FED. AID PROJECT

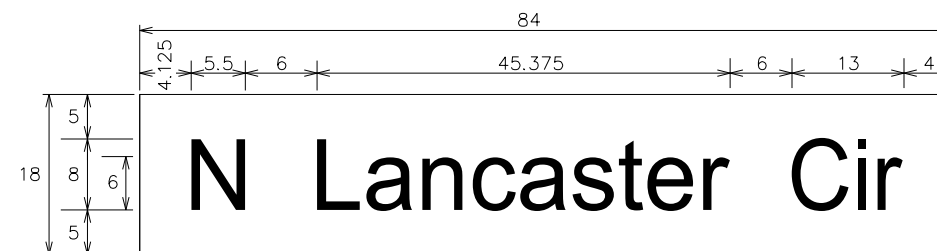
**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	18
SIGN PANEL - TYPE 2	SQ FT	21
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	44
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	63
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	581
HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	3
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2741
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1266
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1603
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1178
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1505
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	100
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	637
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	59
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	14
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	292
OUTDOOR RATED NETWORK CABLE	FOOT	126
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
LED SIGNAL FACE, LENS COVER	EACH	14
INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1
ETHERNET SWITCH, TYPE 1	EACH	1
LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	4
VIDEO VEHICLE DETECTION SYSTEM	EACH	1

**SIGN PANEL – TYPE 1 OR TYPE 2**



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.0	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	10.5	2	ZZ	2

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**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

USER NAME	knelfms
PLOT SCALE	40.0000" / in.
PLOT DATE	1/30/2024

DESIGNED -	KN
DRAWN -	SS
CHECKED -	NP
DATE -	6/8/23

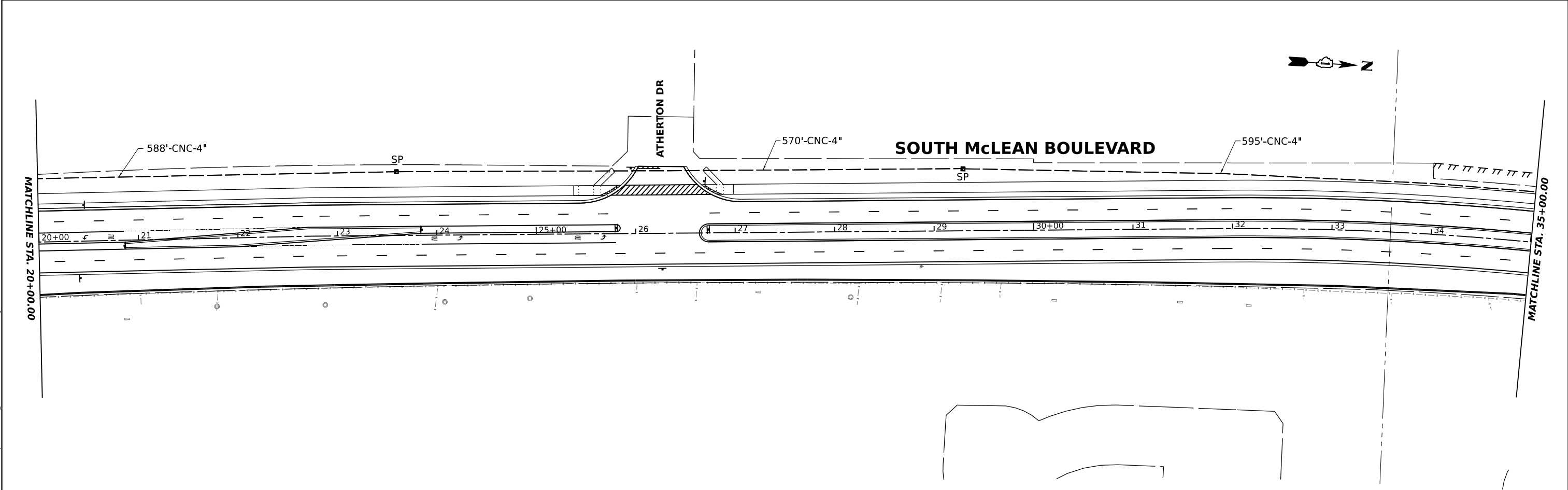
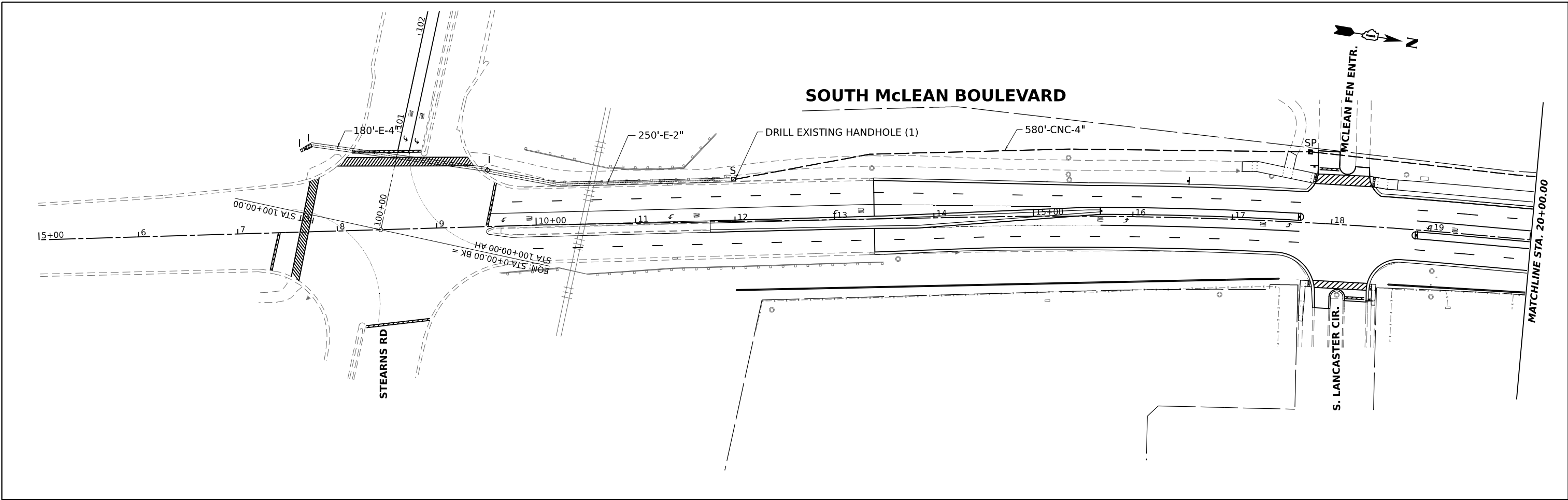
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REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD – STEARNS RD TO SPRING ST**  
**STREET NAME SIGNS AND SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	137
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



HAMPTON, LENZINI AND RENWICK, INC.  
 590 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 I.S./P.E./S.E. CORP. 194.000959

USER NAME = knelms	DESIGNED - KN	REVISED -
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PLOT DATE = 1/30/2024	CHECKED - NP	REVISED -
	DATE - 6/8/23	REVISED -

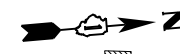
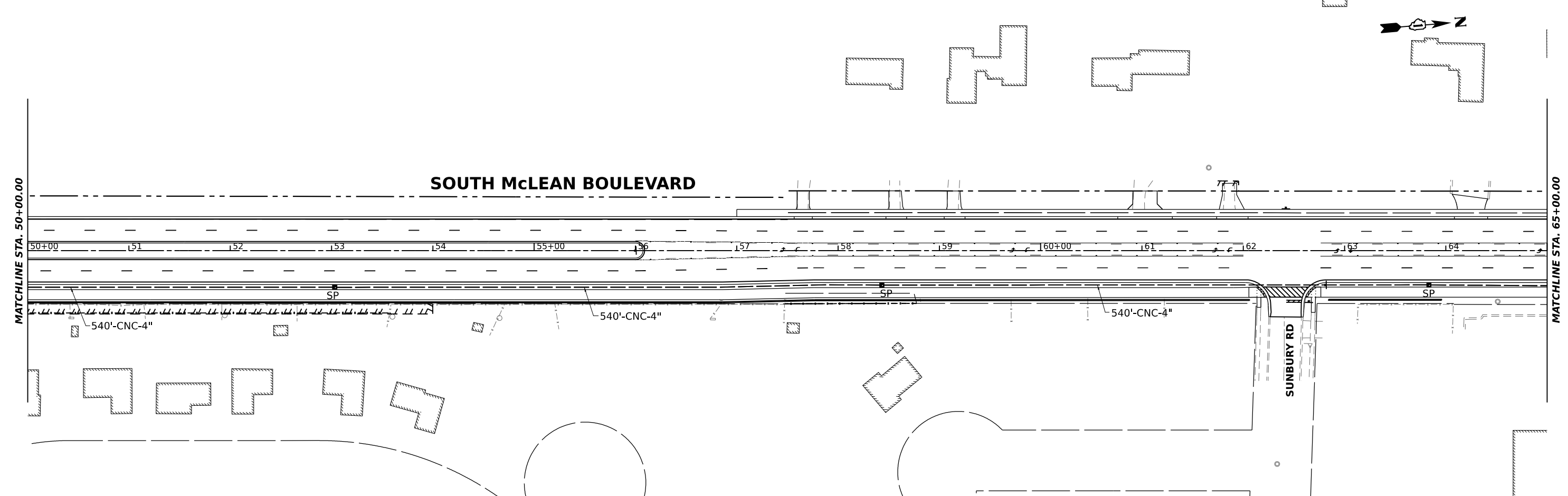
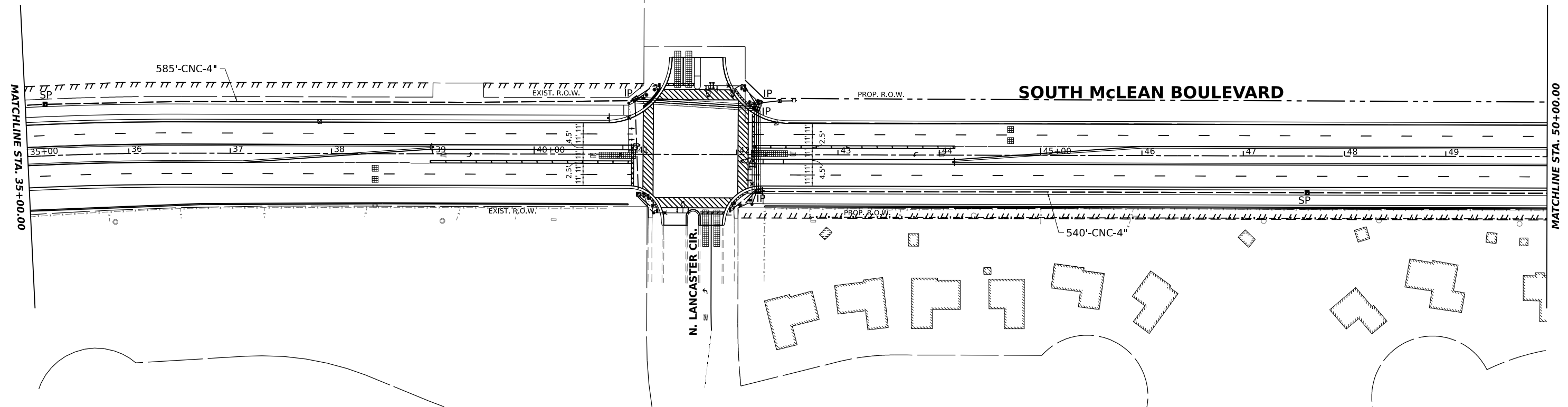
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**INTERCONNECT PLAN**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA. 5+00    TO STA. 35+00

F.A.U. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 138
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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**HAMPTON, LENZINI AND RENWICK, INC.**  
 890 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 194.000959

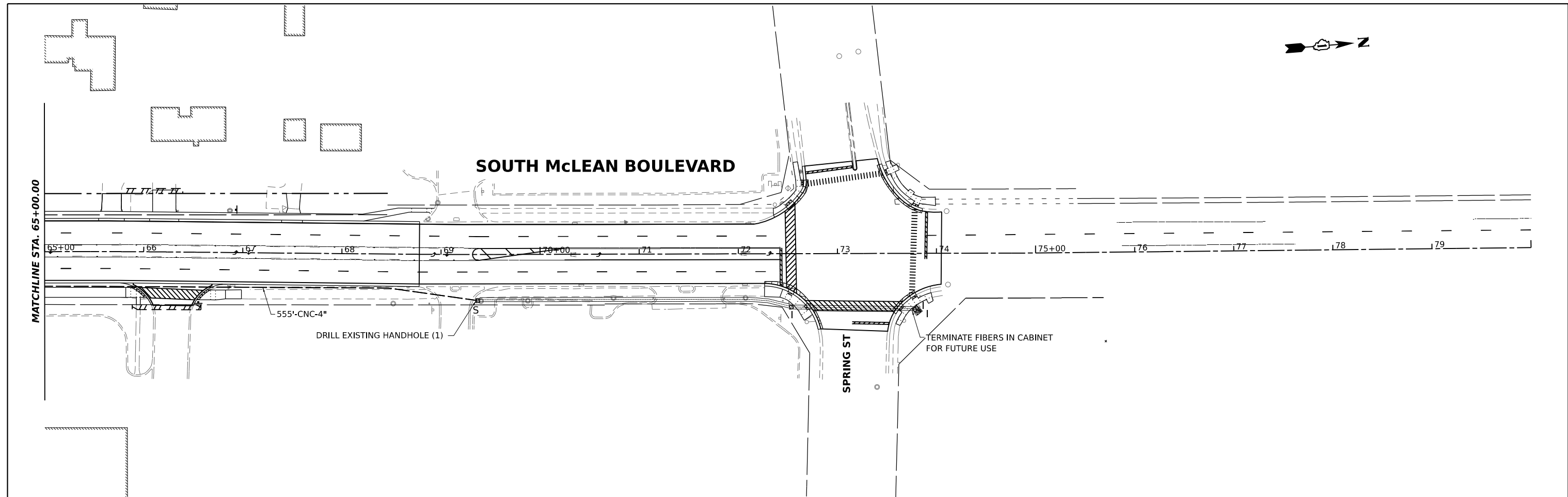
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 DESIGNED - KN  
 DRAWN - SS  
 CHECKED - NP  
 PLOT SCALE = 0.16666667 / 1 in.  
 PLOT DATE = 1/30/2024

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 DATE - 6/8/23

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**INTERCONNECT PLAN**  
 SCALE: 1"=50' SHEET OF SHEETS STA. 35+00 TO STA. 65+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	139
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



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**HAMPTON, LENZINI AND RENWICK, INC.**  
 990 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 I.S. / P.E. / S.E. CORP. 194.000059

USER NAME	kneltms	DESIGNED	KN	REVISED	-
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CHECKED	NP	CHECKED	NP	REVISED	-
DATE	6/8/23	DATE	6/8/23	REVISED	-
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PLOT DATE	1/30/2024				

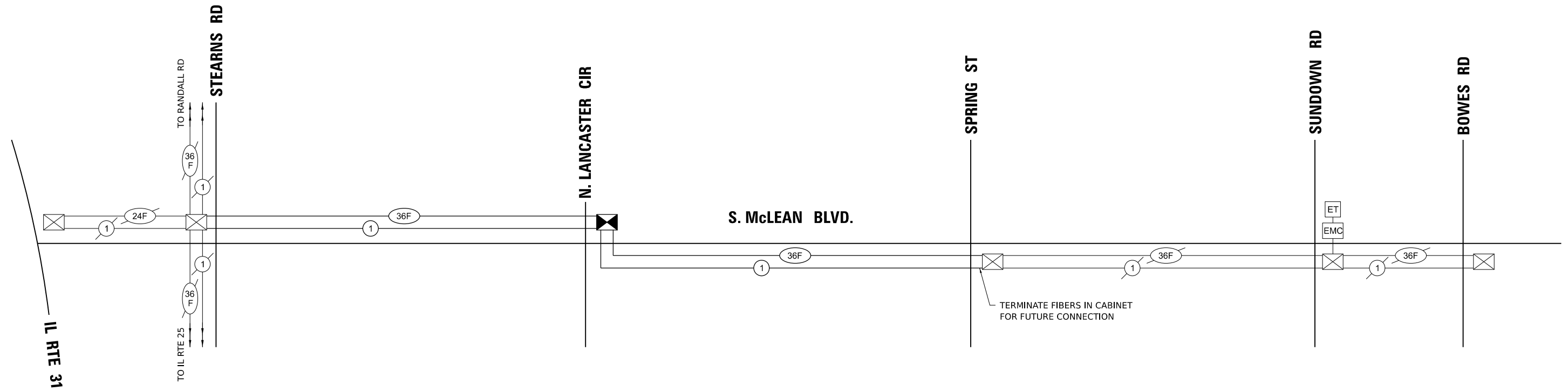
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**INTERCONNECT PLAN**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA. 65+00    TO STA. 73+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	140
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

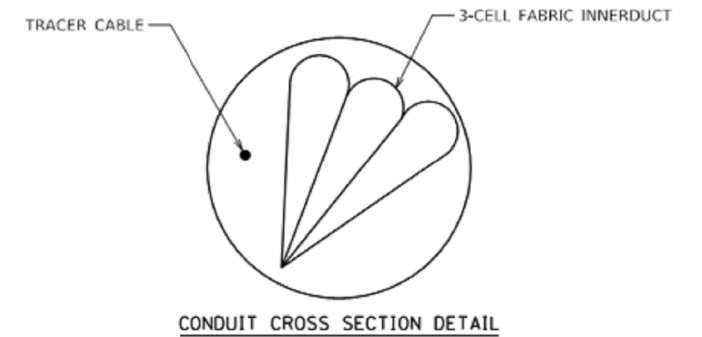
# INTERCONNECT SCHEMATIC



## SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA	FOOT	5633
HANDHOLE	EACH	8
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6877
DRILL EXISTING HANDHOLE	EACH	2
NETWORK CONFIGURATION	L SUM	1
FIBER OPTIC CABLE 36 FIBERS, SINGLE MODE	FOOT	6877
THREE CELL FABRIC INNERDUCT	FOOT	7588
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2

- NOTES
- REOPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 PAY ITEM SHALL BE PERFORMED AT THE FOLLOWING LOCATIONS:
    - McLEAN BLVD AT NORTH LANCASTER CIRCLE
    - McLEAN BLVD AT STEARNS ROAD



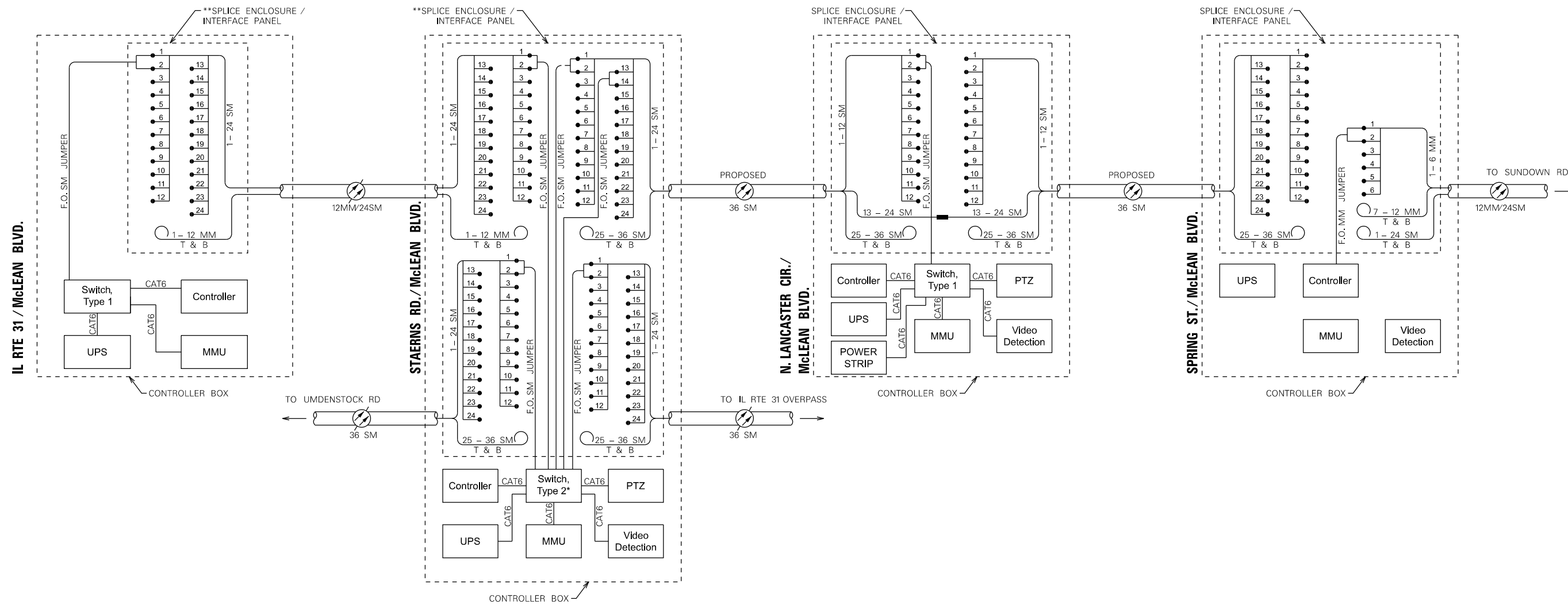
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<b>HAMPTON, LENZINI AND RENWICK, INC.</b> 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000999	USER NAME = knelms DESIGNED - KN DRAWN - SS CHECKED - NP PLOT DATE = 1/30/2024	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST INTERCONNECT SCHEMATIC</b>	F.A.U RTE. = 2509 SECTION = 18-00050-00-PV COUNTY = KANE TOTAL SHEETS = 258 SHEET NO. = 141	CONTRACT NO. 61J65 ILLINOIS FED. AID PROJECT
	SCALE: _____ SHEET OF SHEETS STA. TO STA.					



# FIBER OPTIC SPLICING DETAIL

## FIBER OPTIC SPLICING DIAGRAMS



\*NOTE: EXISTING SWITCH, TYPE 1 SHALL BE RETURNED TO THE KANE COUNTY DIVISION OF TRANSPORTATION.  
 \*\*NOTE: ALL EXISTING TERMINATIONS SHALL REMAIN IN PLACE.

**LEGEND**  
 F.O. = FIBER OPTIC  
 T & B = TIED AND BUNDLED  
 ● = TERMINATION  
 ○ = SINGLE MODE  
 MM = MULTI MODE  
 ■ = FUSION SPLICE

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 PROJECT: 180050-00-PV  
 DATE: 1/30/2024

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	
DRAWN	SS	DRAWN	SS	REVISED	
CHECKED	NP	CHECKED	NP	REVISED	
DATE	6/8/23	DATE	6/8/23	REVISED	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SOUTH McLEAN BLVD - IL ROUTE 31 TO SPRING ST</b>	
<b>FIBER OPTIC SPLICING DETAIL</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	142
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

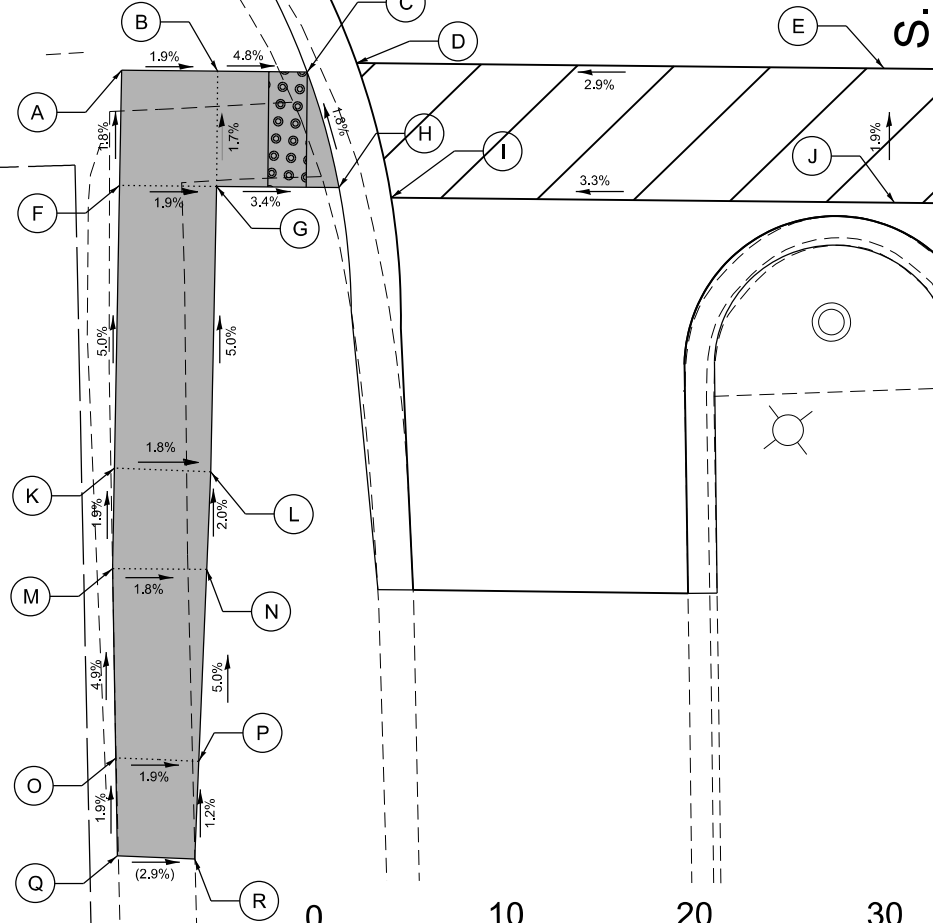
McLEAN BOULEVARD



1"=5'

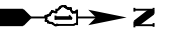
	STATION	OFFSET	ELEV.
A	17+71.8	58.1 RT	774.80
B	17+77.0	58.1 RT	774.70
C	17+81.6	58.1 RT	774.48
D	17+84.2	57.6 RT	774.38
E	18+12.0	57.5 RT	775.17
F	17+71.7	64.1 RT	774.91
G	17+76.8	64.1 RT	774.81
H	17+83.3	64.1 RT	774.59
I	17+86.0	64.6 RT	774.49
J	18+12.7	64.5 RT	775.36
K	17+71.6	78.8 RT	775.64
L	17+76.7	79.0 RT	775.55
M	17+71.5	84.0 RT	775.74
N	17+76.5	84.0 RT	775.65
O	17+71.8	93.9 RT	776.23
P	17+76.1	94.0 RT	776.15
Q	17+71.9	99.0 RT	(776.33)
R	17+76.0	99.1 RT	(776.21)

S. LANCASTER CIR.



SCALE IN FEET

McLEAN BOULEVARD

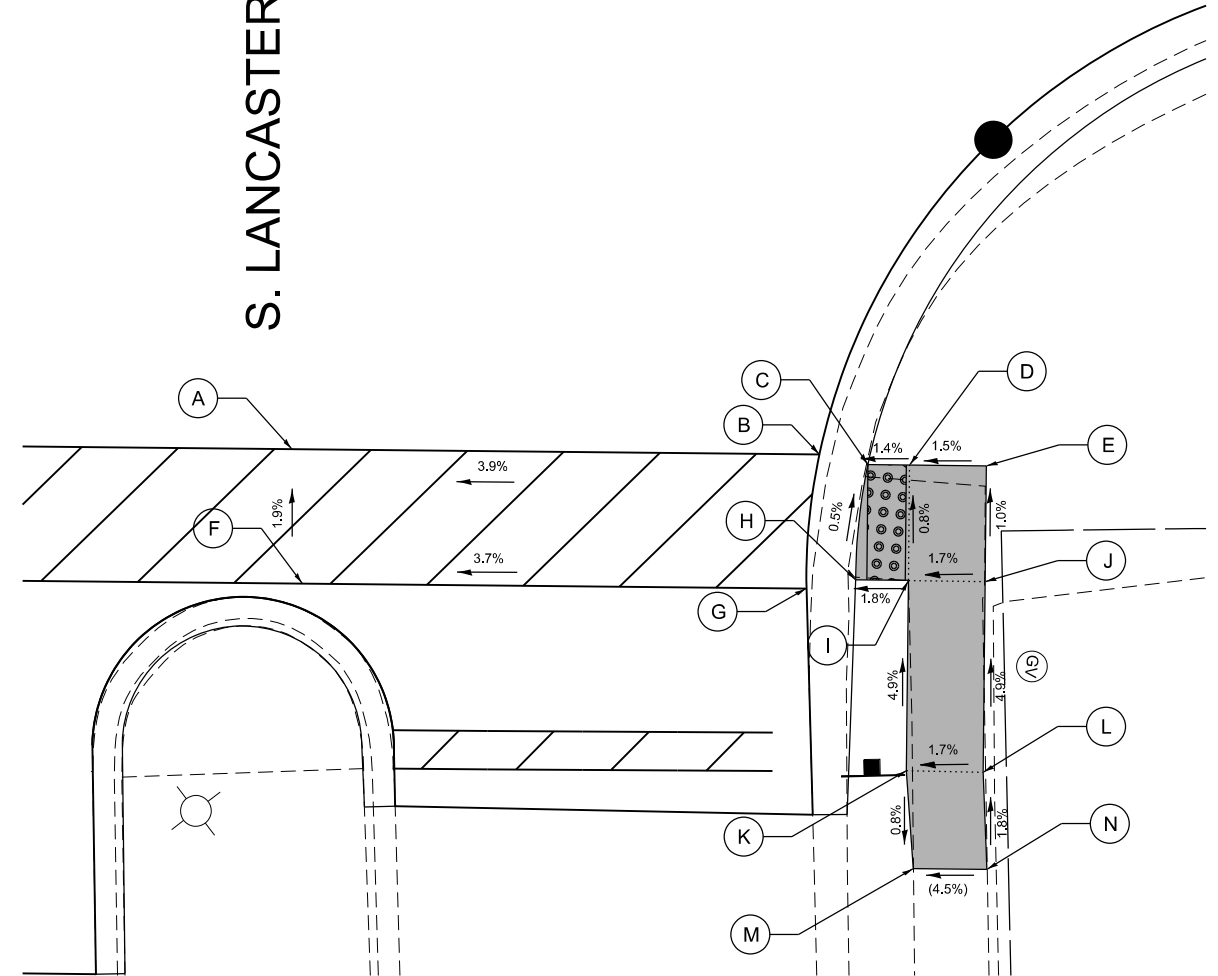


1"=5'

18

	STATION	OFFSET	ELEV.
A	18+12.0	57.5 RT	775.18
B	18+39.8	57.2 RT	776.27
C	18+42.4	57.7 RT	776.37
D	18+44.6	57.7 RT	776.40
E	18+48.7	57.6 RT	776.46
F	18+12.7	64.5 RT	775.32
G	18+39.3	64.2 RT	776.30
H	18+41.9	63.7 RT	776.40
I	18+44.7	63.7 RT	776.45
J	18+48.7	63.6 RT	776.52
K	18+44.8	73.6 RT	776.94
L	18+48.9	73.6 RT	777.01
M	18+45.3	78.7 RT	(776.90)
N	18+49.7	78.6 RT	(777.10)

S. LANCASTER CIR.



LEGEND ON SHEET 2

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HAMPTON, LENZINI AND RENWICK, INC.  
390 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000959

USER NAME	kneltms	DESIGNED	KN	REVISED	-
DRAWN	SS	DRAWN	SS	REVISED	-
PLOT SCALE	10.0000' / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

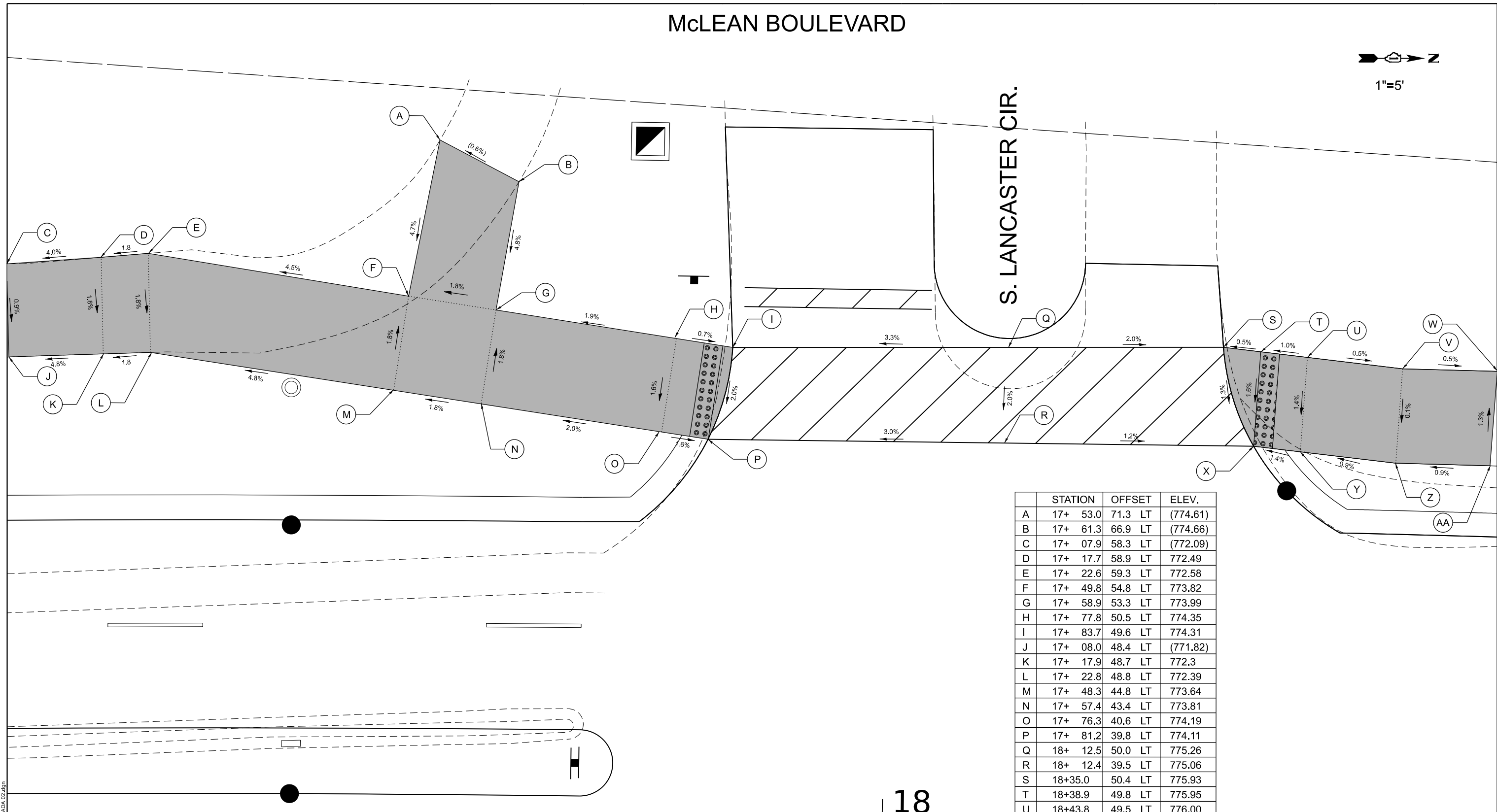
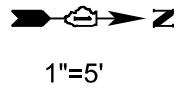
SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSSWALK GRADING PLANS:  
S. LANCASTER CIRCLE (SE & NE)

SCALE: 1"=5'

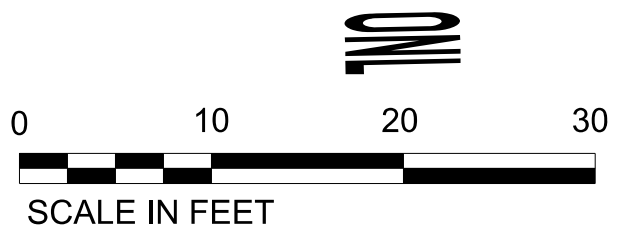
SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	143
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

# McLEAN BOULEVARD



	STATION	OFFSET	ELEV.
A	17+ 53.0	71.3 LT	(774.61)
B	17+ 61.3	66.9 LT	(774.66)
C	17+ 07.9	58.3 LT	(772.09)
D	17+ 17.7	58.9 LT	772.49
E	17+ 22.6	59.3 LT	772.58
F	17+ 49.8	54.8 LT	773.82
G	17+ 58.9	53.3 LT	773.99
H	17+ 77.8	50.5 LT	774.35
I	17+ 83.7	49.6 LT	774.31
J	17+ 08.0	48.4 LT	(771.82)
K	17+ 17.9	48.7 LT	772.3
L	17+ 22.8	48.8 LT	772.39
M	17+ 48.3	44.8 LT	773.64
N	17+ 57.4	43.4 LT	773.81
O	17+ 76.3	40.6 LT	774.19
P	17+ 81.2	39.8 LT	774.11
Q	18+ 12.5	50.0 LT	775.26
R	18+ 12.4	39.5 LT	775.06
S	18+35.0	50.4 LT	775.93
T	18+38.9	49.8 LT	775.95
U	18+43.8	49.5 LT	776.00
V	18+53.7	48.6 LT	775.96
W	18+63.7	48.6 LT	775.91
X	18+38.4	40.0 LT	775.79
Y	18+43.3	39.5 LT	775.86
Z	18+53.9	38.2 LT	775.95
AA	18+63.2	38.6 LT	776.04



18

LEGEND ON SHEET 2

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 HAMPTON, LENZINI AND RENWICK, INC.  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	kneltms	DESIGNED	KN	REVISED	-
DRAWN	SS	CHECKED	NP	REVISED	-
PLOT SCALE	10.0000' / in.	DATE	6/8/23	REVISED	-
PLOT DATE	1/30/2024				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSSWALK GRADING PLANS:  
S. LANCASTER CIRCLE (NW & NE)

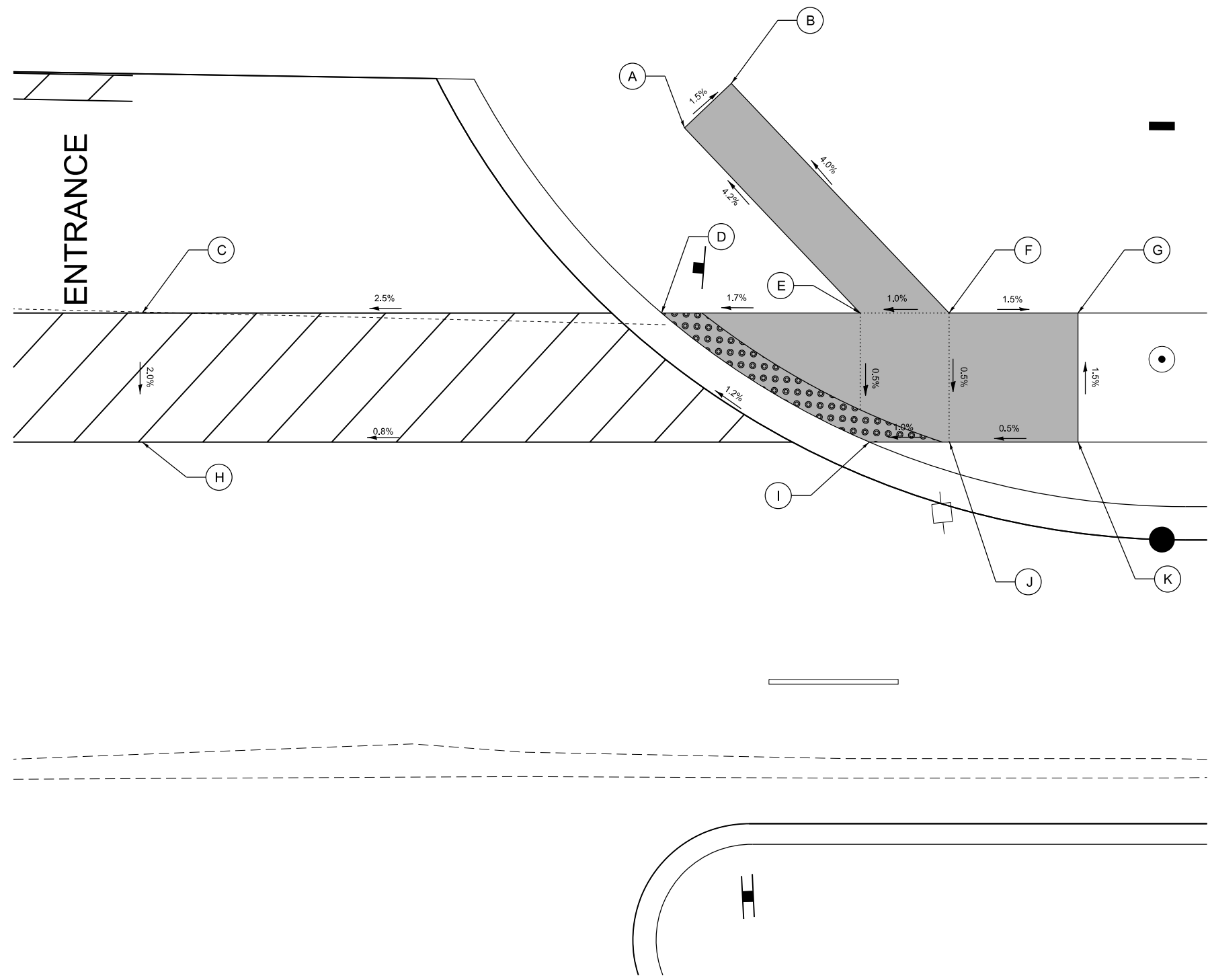
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	144
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=5' SHEET 2 OF 11 SHEETS STA. TO STA.



# McLEAN BOULEVARD

1"=5'



	STATION	OFFSET	ELEV.
A	26+68.0	66.5 LT	(789.40)
B	26+71.4	62.9 LT	(789.32)
C	26+25.9	48.6 LT	789.51
D	26+66.2	48.6 LT	790.39
E	26+81.6	48.6 LT	790.25
F	26+88.5	48.6 LT	790.19
G	26+98.5	48.6 LT	790.14
H	26+25.9	38.6 LT	789.31
I	26+81.6	38.9 LT	790.33
J	26+88.5	38.6 LT	790.24
K	26+98.5	38.6 LT	790.29



LEGEND ON SHEET 2

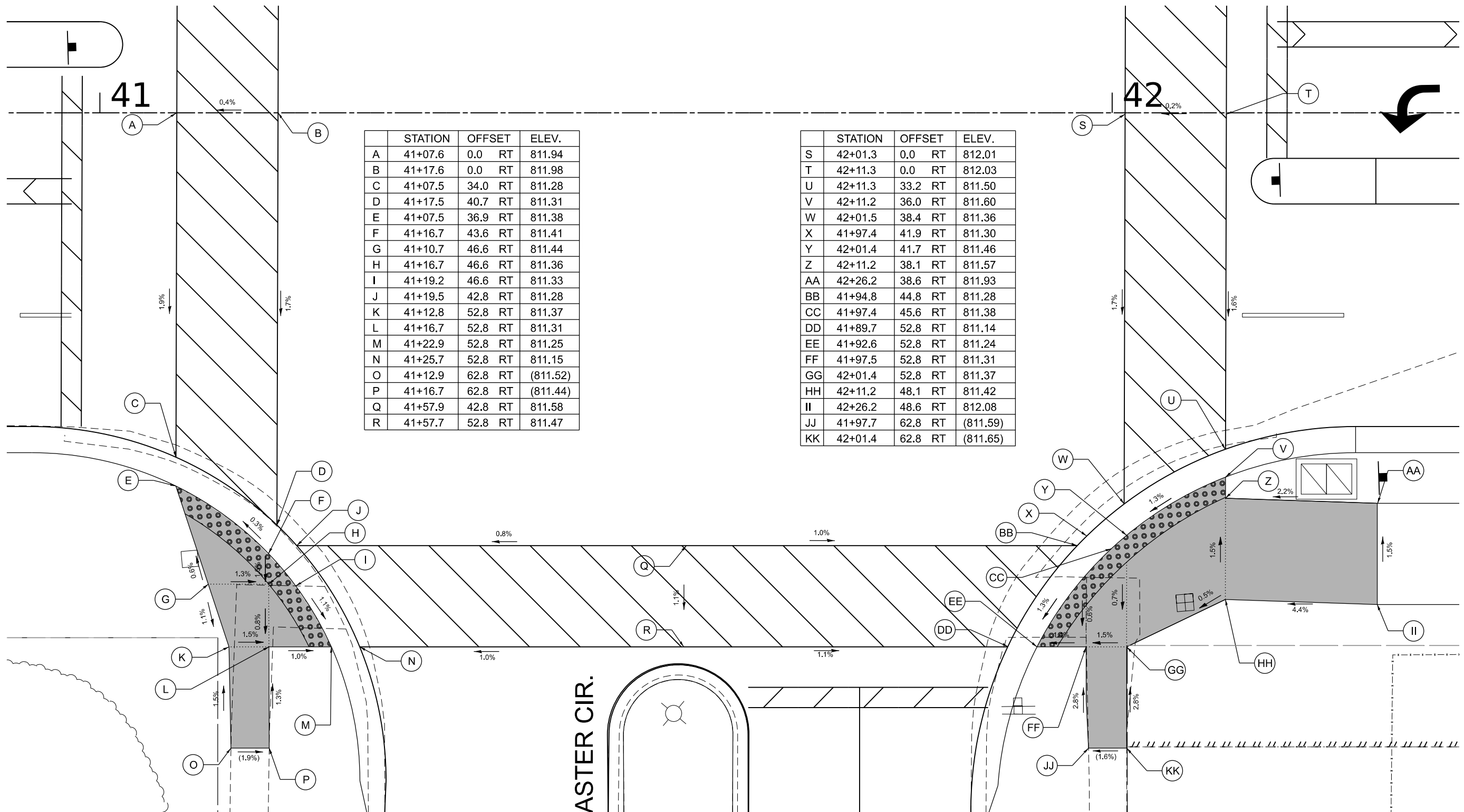
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<b>HAMPTON, LENZINI AND RENWICK, INC.</b> <small>390 SHEPARD DRIVE                  ELGIN, ILLINOIS 60123                  ILLINOIS PROFESSIONAL DESIGN FIRM                  LS / PE / SE CORP. 184.000999</small>	USER NAME = knelms	DESIGNED - KN	REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST                  CROSSWALK GRADING PLANS:</b>	F.A.U. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 146
	PLOT SCALE = 10.0000' / in.	CHECKED - NP	REVISIED -			SCALE: 1"=5'	SHEET 4 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 61J65	
PLOT DATE = 1/30/2024	DATE - 6/8/23	REVISED -		ILLINOIS FED. AID PROJECT						

# McLEAN BOULEVARD



1"=5'



	STATION	OFFSET	ELEV.
A	41+07.6	0.0 RT	811.94
B	41+17.6	0.0 RT	811.98
C	41+07.5	34.0 RT	811.28
D	41+17.5	40.7 RT	811.31
E	41+07.5	36.9 RT	811.38
F	41+16.7	43.6 RT	811.41
G	41+10.7	46.6 RT	811.44
H	41+16.7	46.6 RT	811.36
I	41+19.2	46.6 RT	811.33
J	41+19.5	42.8 RT	811.28
K	41+12.8	52.8 RT	811.37
L	41+16.7	52.8 RT	811.31
M	41+22.9	52.8 RT	811.25
N	41+25.7	52.8 RT	811.15
O	41+12.9	62.8 RT	(811.52)
P	41+16.7	62.8 RT	(811.44)
Q	41+57.9	42.8 RT	811.58
R	41+57.7	52.8 RT	811.47

	STATION	OFFSET	ELEV.
S	42+01.3	0.0 RT	812.01
T	42+11.3	0.0 RT	812.03
U	42+11.3	33.2 RT	811.50
V	42+11.2	36.0 RT	811.60
W	42+01.5	38.4 RT	811.36
X	41+97.4	41.9 RT	811.30
Y	42+01.4	41.7 RT	811.46
Z	42+11.2	38.1 RT	811.57
AA	42+26.2	38.6 RT	811.93
BB	41+94.8	44.8 RT	811.28
CC	41+97.4	45.6 RT	811.38
DD	41+89.7	52.8 RT	811.14
EE	41+92.6	52.8 RT	811.24
FF	41+97.5	52.8 RT	811.31
GG	42+01.4	52.8 RT	811.37
HH	42+11.2	48.1 RT	811.42
II	42+26.2	48.6 RT	812.08
JJ	41+97.7	62.8 RT	(811.59)
KK	42+01.4	62.8 RT	(811.65)

N. LANCASTER CIR.



LEGEND ON SHEET 2

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 HLR  
 HAMP顿, LENZINI AND RENWICK, INC.  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

USER NAME	knemts	DESIGNED	KN	REVISED	-
DRAWN	SS	CHECKED	NP	REVISED	-
PLOT SCALE	10.0000" / in.	DATE	6/8/23	REVISED	-
PLOT DATE	1/30/2024				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSSWALK GRADING PLANS:  
N. LANCASTER CIRCLE (NW & NE)

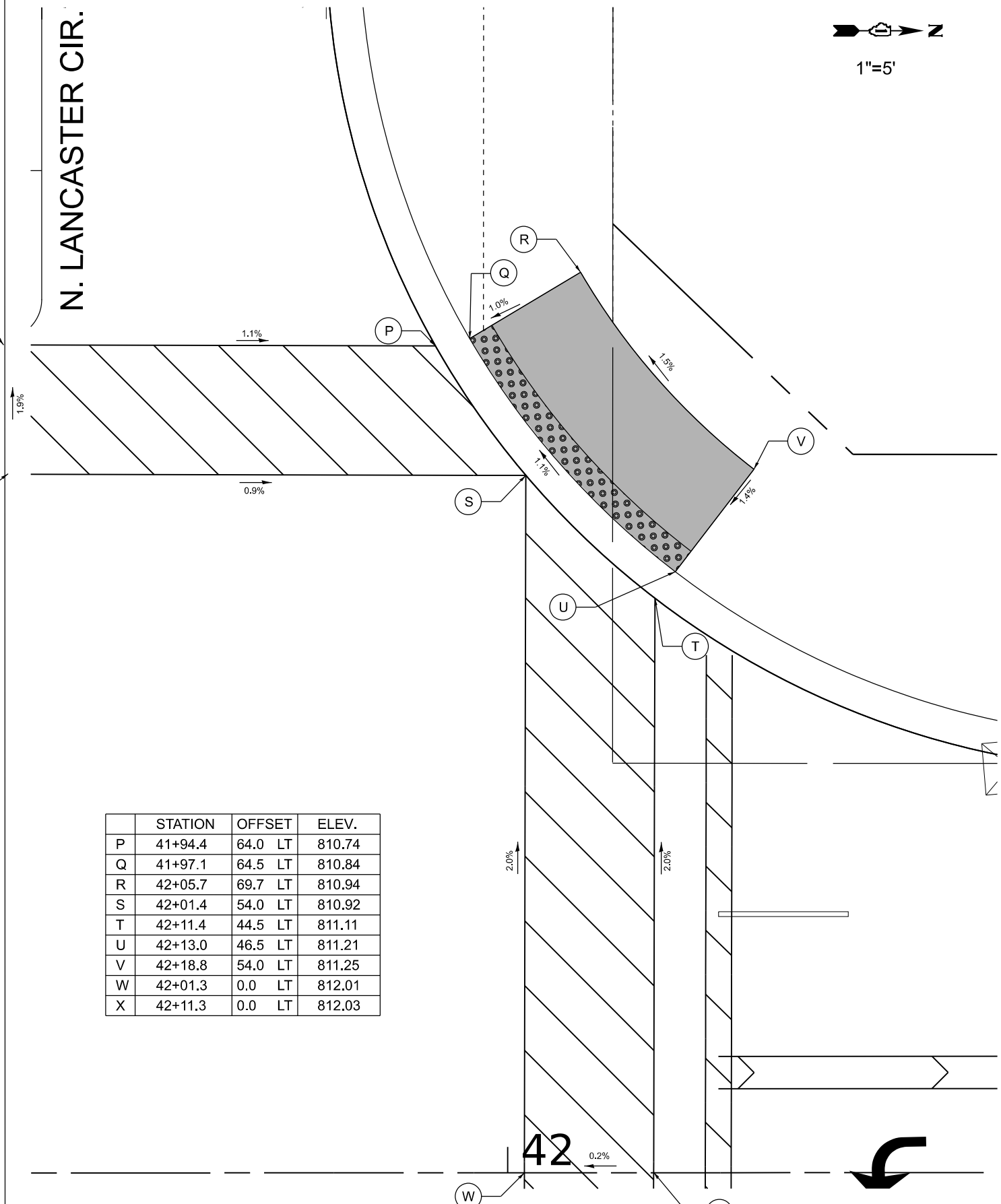
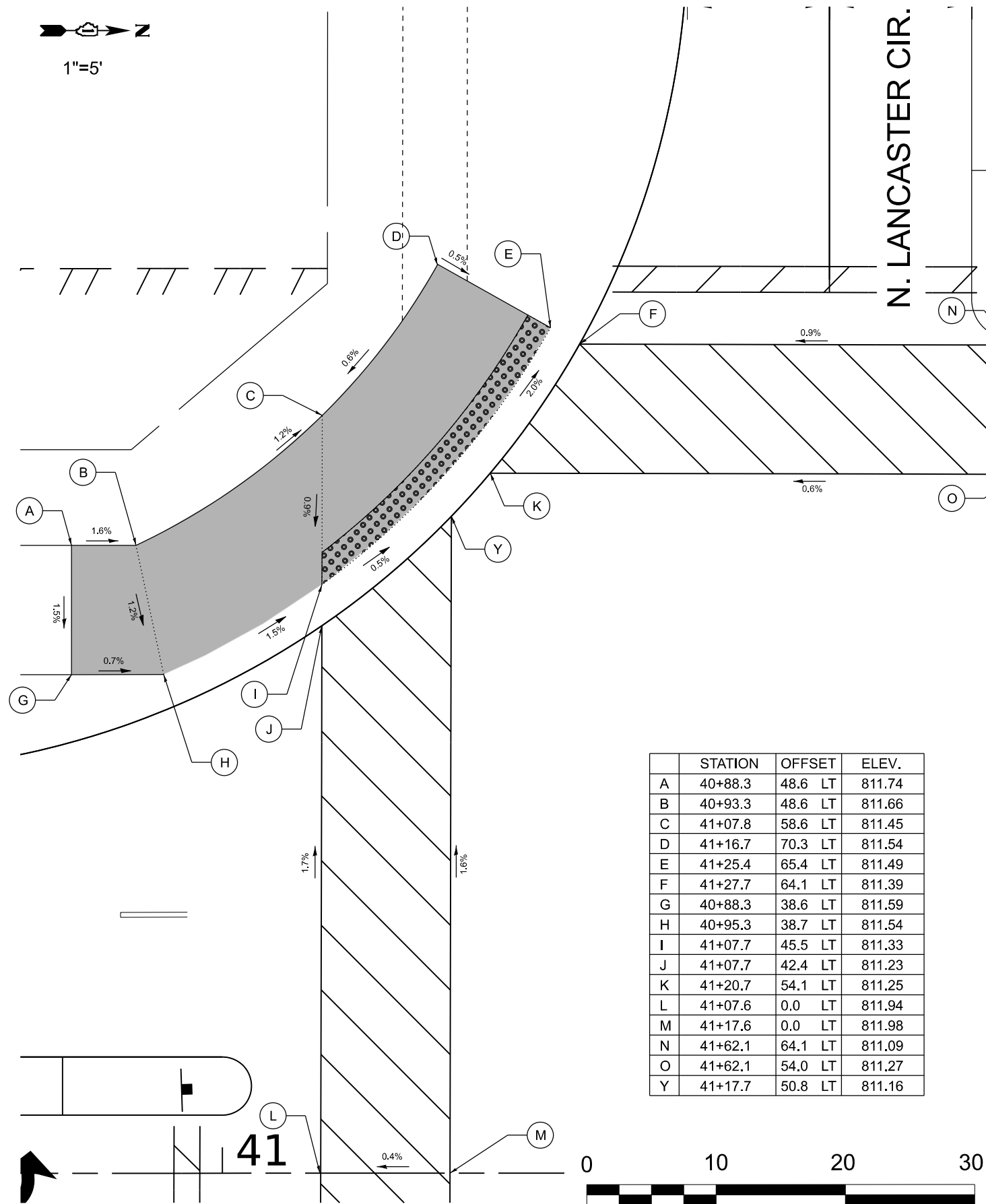
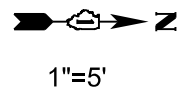
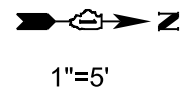
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	147
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



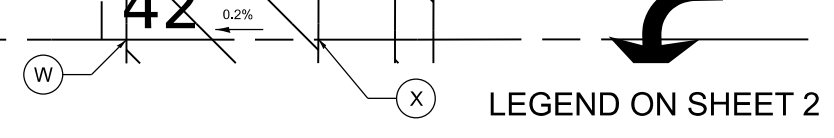
McLEAN BOULEVARD

McLEAN BOULEVARD



	STATION	OFFSET	ELEV.
A	40+88.3	48.6 LT	811.74
B	40+93.3	48.6 LT	811.66
C	41+07.8	58.6 LT	811.45
D	41+16.7	70.3 LT	811.54
E	41+25.4	65.4 LT	811.49
F	41+27.7	64.1 LT	811.39
G	40+88.3	38.6 LT	811.59
H	40+95.3	38.7 LT	811.54
I	41+07.7	45.5 LT	811.33
J	41+07.7	42.4 LT	811.23
K	41+20.7	54.1 LT	811.25
L	41+07.6	0.0 LT	811.94
M	41+17.6	0.0 LT	811.98
N	41+62.1	64.1 LT	811.09
O	41+62.1	54.0 LT	811.27
Y	41+17.7	50.8 LT	811.16

	STATION	OFFSET	ELEV.
P	41+94.4	64.0 LT	810.74
Q	41+97.1	64.5 LT	810.84
R	42+05.7	69.7 LT	810.94
S	42+01.4	54.0 LT	810.92
T	42+11.4	44.5 LT	811.11
U	42+13.0	46.5 LT	811.21
V	42+18.8	54.0 LT	811.25
W	42+01.3	0.0 LT	812.01
X	42+11.3	0.0 LT	812.03



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**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000999

USER NAME	knelmms	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	10.0000' / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSSWALK GRADING PLANS:  
 N. LANCASTER CIRCLE (NW & SW)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	148
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

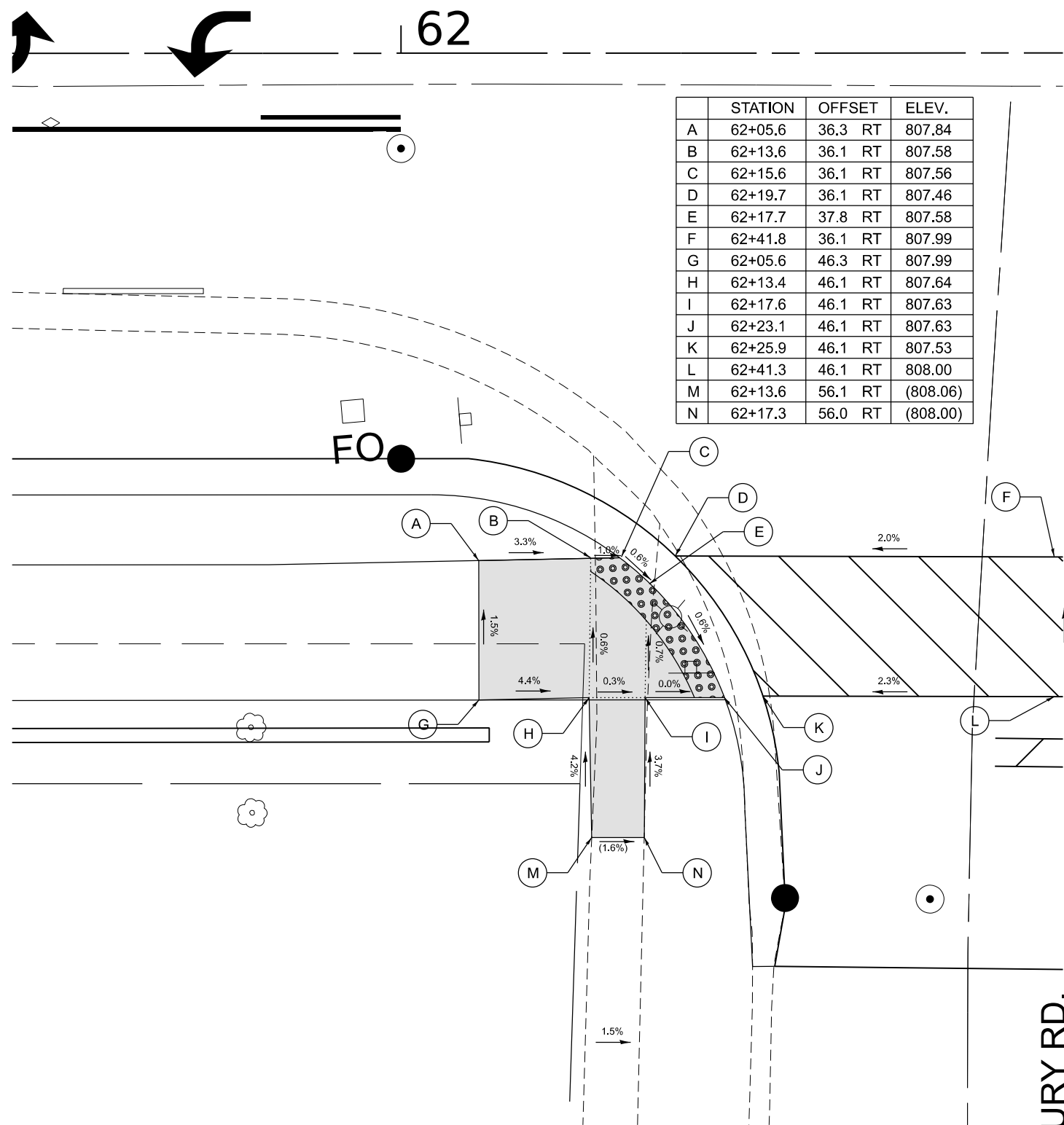
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McLEAN BOULEVARD



1"=5'

62



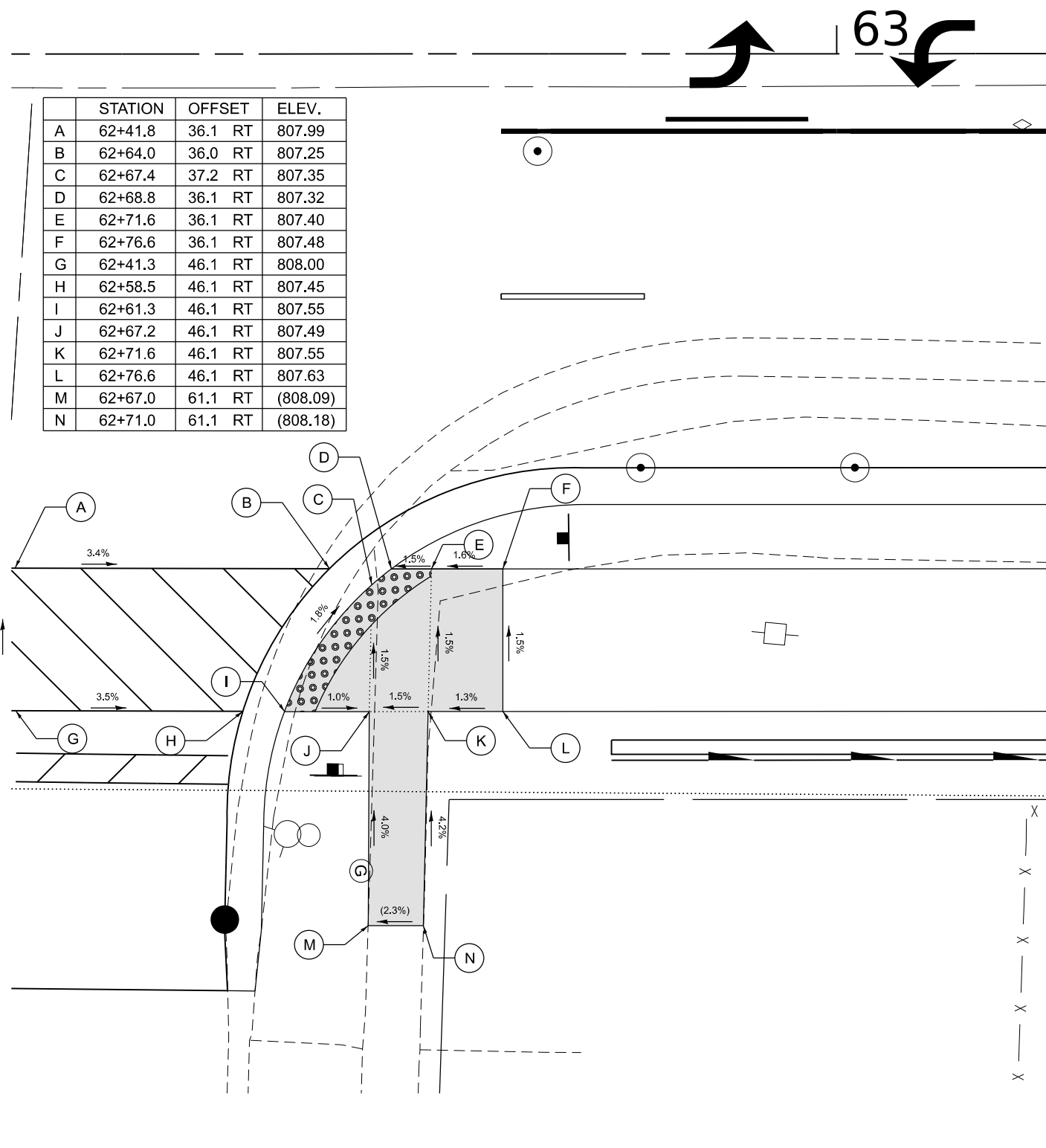
	STATION	OFFSET	ELEV.
A	62+05.6	36.3 RT	807.84
B	62+13.6	36.1 RT	807.58
C	62+15.6	36.1 RT	807.56
D	62+19.7	36.1 RT	807.46
E	62+17.7	37.8 RT	807.58
F	62+41.8	36.1 RT	807.99
G	62+05.6	46.3 RT	807.99
H	62+13.4	46.1 RT	807.64
I	62+17.6	46.1 RT	807.63
J	62+23.1	46.1 RT	807.63
K	62+25.9	46.1 RT	807.53
L	62+41.3	46.1 RT	808.00
M	62+13.6	56.1 RT	(808.06)
N	62+17.3	56.0 RT	(808.00)

McLEAN BOULEVARD



1"=5'

63



	STATION	OFFSET	ELEV.
A	62+41.8	36.1 RT	807.99
B	62+64.0	36.0 RT	807.25
C	62+67.4	37.2 RT	807.35
D	62+68.8	36.1 RT	807.32
E	62+71.6	36.1 RT	807.40
F	62+76.6	36.1 RT	807.48
G	62+41.3	46.1 RT	808.00
H	62+58.5	46.1 RT	807.45
I	62+61.3	46.1 RT	807.55
J	62+67.2	46.1 RT	807.49
K	62+71.6	46.1 RT	807.55
L	62+76.6	46.1 RT	807.63
M	62+67.0	61.1 RT	(808.09)
N	62+71.0	61.1 RT	(808.18)

SUNBURY RD.

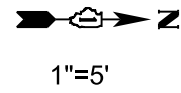


LEGEND ON SHEET 2

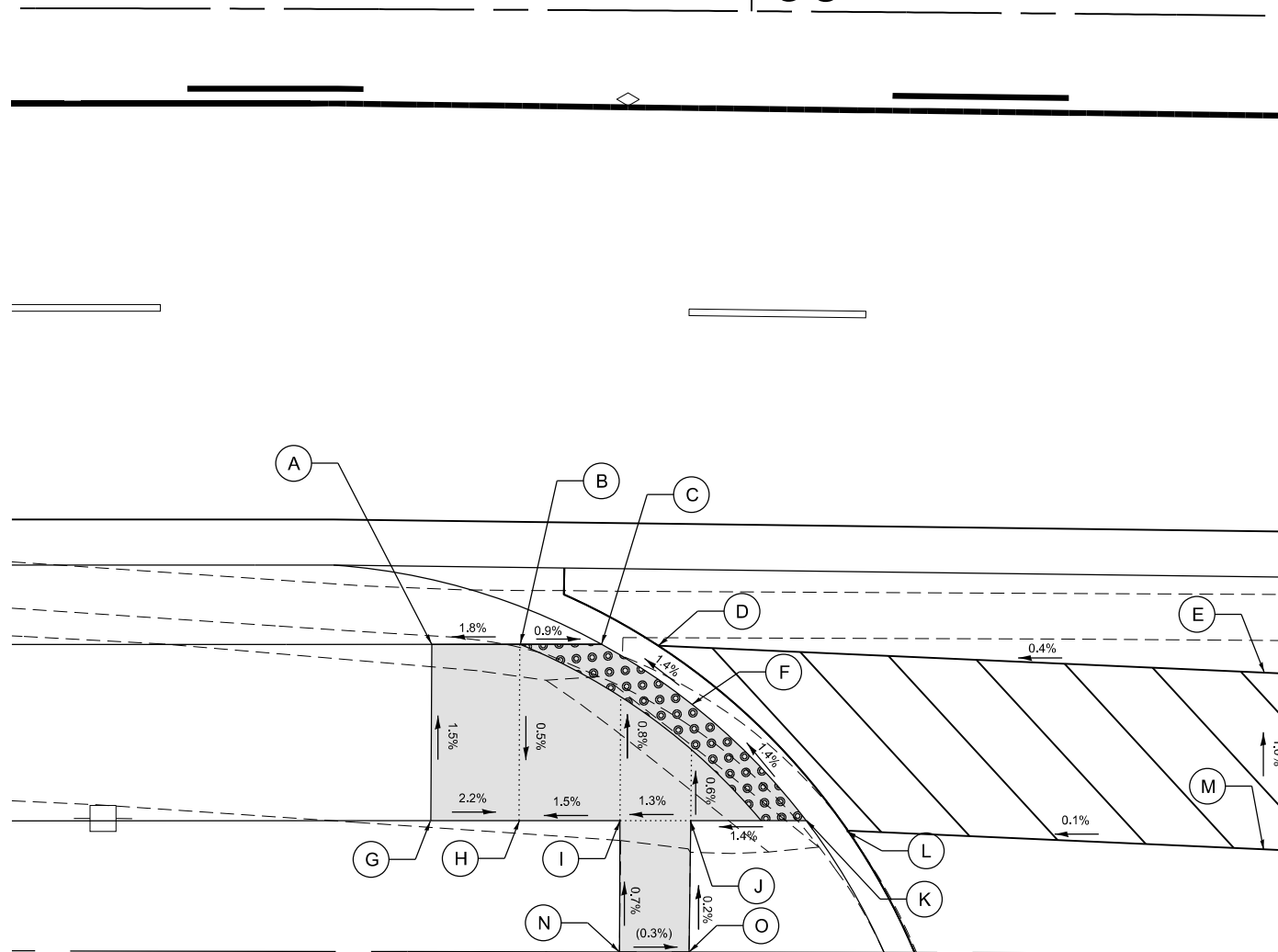
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 HAMPTON, LENZINI AND RENWICK, INC. 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000999	USER NAME = knelms DESIGNED - KN DRAWN - SS CHECKED - NP PLOT DATE = 1/30/2024	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST CROSSWALK GRADING PLANS: SUNBURY RD (SE & NE)	F.A.U. RTE. = 2509 SECTION = 18-00050-00-PV COUNTY = KANE TOTAL SHEETS = 258 SHEET NO. = 149 CONTRACT NO. 61J65
	SCALE: 1"=5' SHEET 7 OF 11 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			

# McLEAN BOULEVARD



66

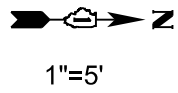


	STATION	OFFSET	ELEV.
A	65+82.0	36.0 RT	809.30
B	65+87.0	36.0 RT	809.39
C	65+91.7	36.0 RT	809.35
D	65+95.0	36.0 RT	809.25
E	66+29.0	37.2 RT	809.40
F	65+97.0	39.4 RT	809.44
G	65+82.0	46.0 RT	809.45
H	65+87.0	46.0 RT	809.34
I	65+92.7	46.0 RT	809.43
J	65+96.8	45.9 RT	809.48
K	66+03.4	45.9 RT	809.57
L	66+06.0	46.6 RT	809.47
M	66+29.4	47.3 RT	809.50
N	65+92.8	53.4 RT	(809.48)
O	65+96.8	53.4 RT	(809.47)

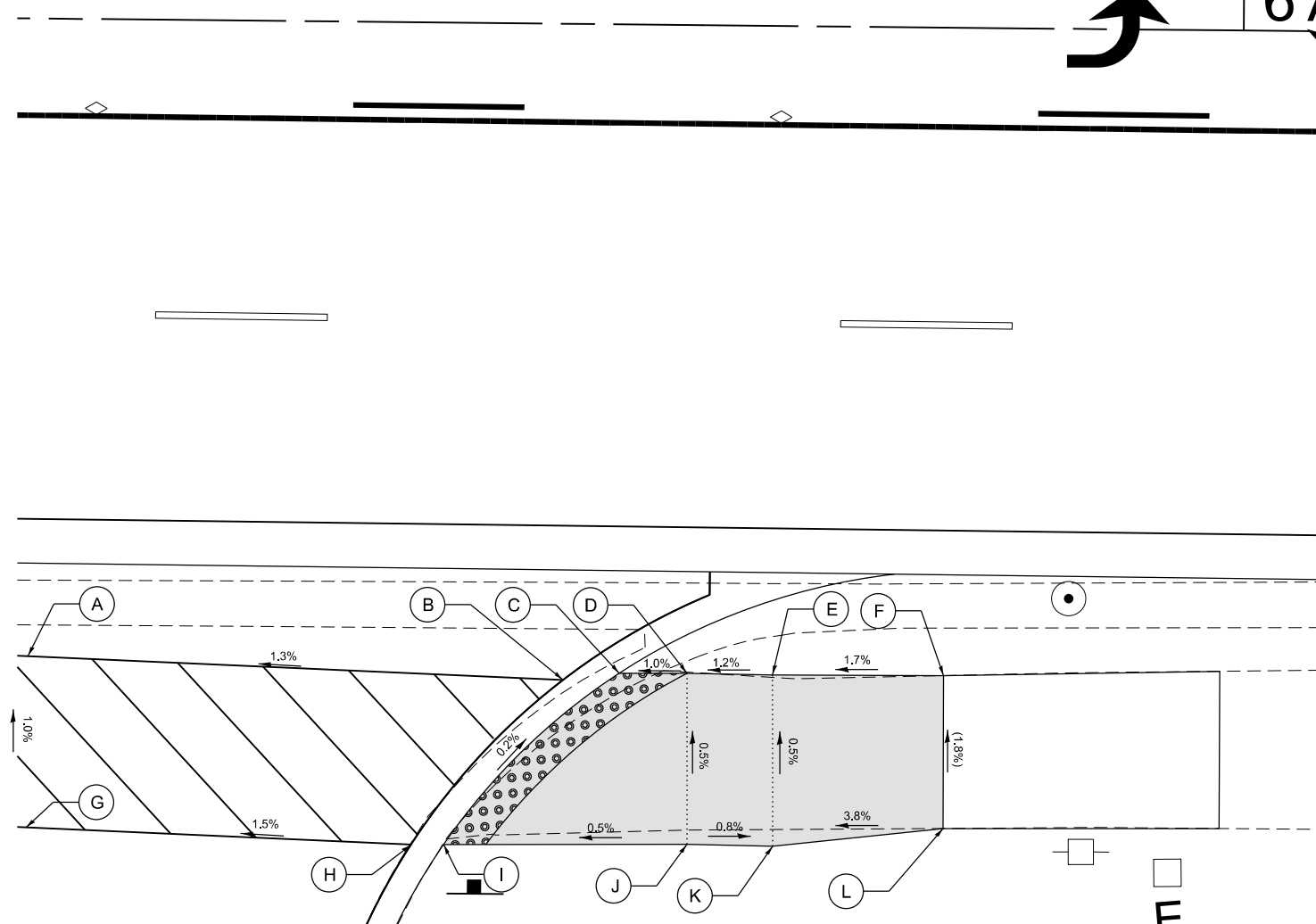


LIBRARY ENTRANCE

# McLEAN BOULEVARD



67



	STATION	OFFSET	ELEV.
A	66+29.0	37.2 RT	809.40
B	66+60.6	38.3 RT	809.82
C	66+64.0	37.8 RT	809.92
D	66+67.9	37.9 RT	809.96
E	66+72.9	37.9 RT	810.02
F	66+82.9	38.4 RT	(810.19)
G	66+29.4	47.3 RT	809.50
H	66+51.8	48.0 RT	809.84
I	66+53.8	48.0 RT	809.94
J	66+68.0	47.9 RT	810.01
K	66+73.0	47.9 RT	809.97
L	66+82.9	46.8 RT	(810.35)

LEGEND ON SHEET 2

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 HLR ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123

USER NAME	knelmms	DESIGNED	KN	REVISED	-
DRAWN	SS	CHECKED	NP	REVISED	-
PLOT SCALE	10.0000" / in.	DATE	6/8/23	REVISED	-
PLOT DATE	1/30/2024				

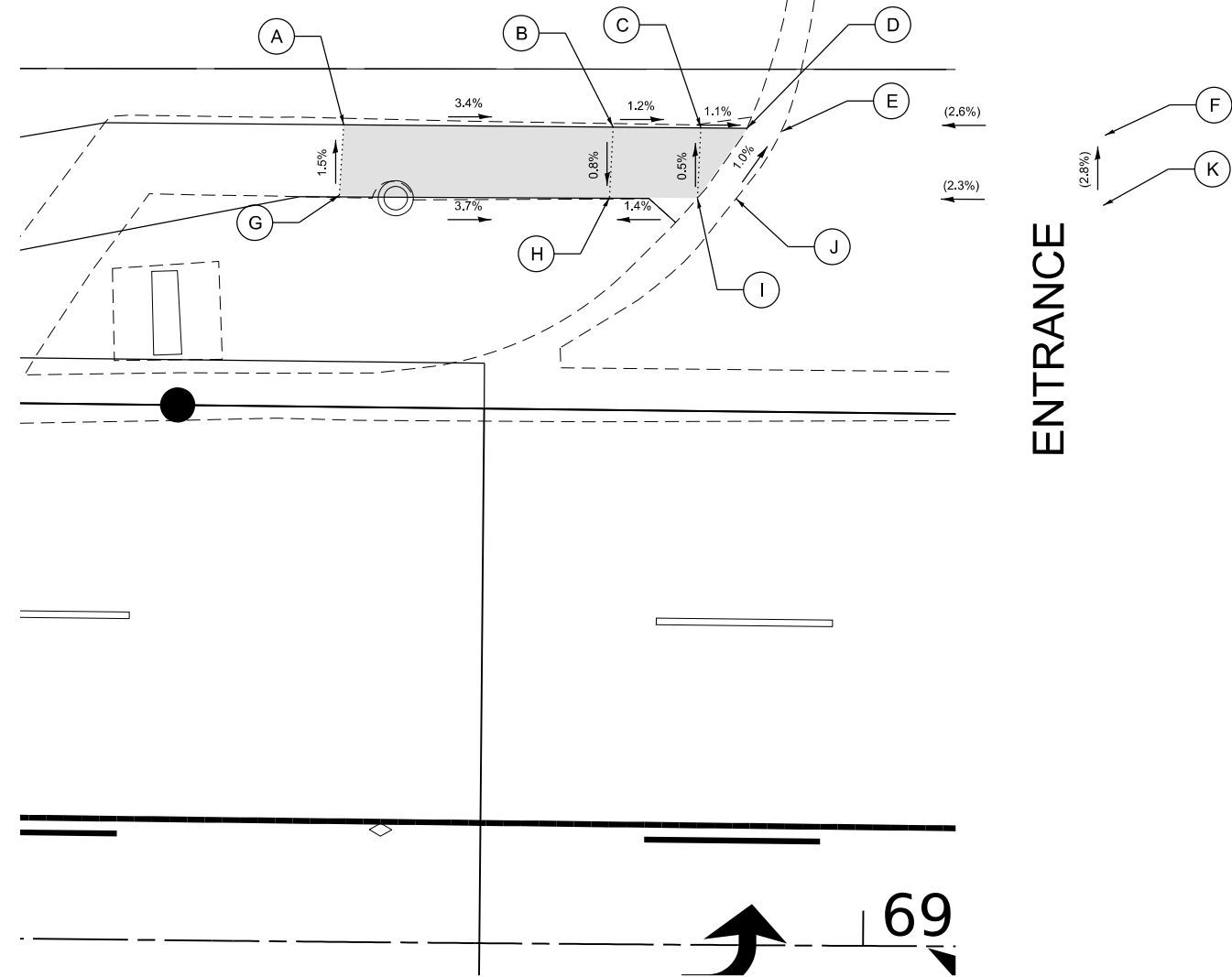
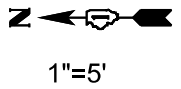
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSSWALK GRADING PLANS:  
 LIBRARY ENTRANCE (SE & NE)**

SCALE: 1"=5' SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	150
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

# McLEAN BOULEVARD



	STATION	OFFSET	ELEV.
A	68+69.4	46.5 LT	812.22
B	68+85.4	46.5 LT	811.86
C	68+90.5	46.5 LT	811.62
D	68+93.1	46.5 LT	811.59
E	68+95.1	46.5 LT	811.49
F	69+15.0	46.7 LT	(811.97)
G	68+69.8	42.5 LT	812.28
H	68+85.3	42.5 LT	811.71
I	68+90.2	42.6 LT	811.64
J	68+91.7	42.6 LT	811.60
K	69+15.0	42.7 LT	(812.08)



LEGEND ON SHEET 2

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 DATE: 1/30/2024

HAMPTON, LENZINI AND RENWICK, INC. 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000595	USER NAME = knelms	DESIGNED - KN	REVISED -
	DRAWN - SS	REVISIONS	
	CHECKED - NP	REVISIONS	
	DATE - 6/8/23	REVISIONS	
PLOT SCALE = 10.0000' / in.		PLOT DATE = 1/30/2024	

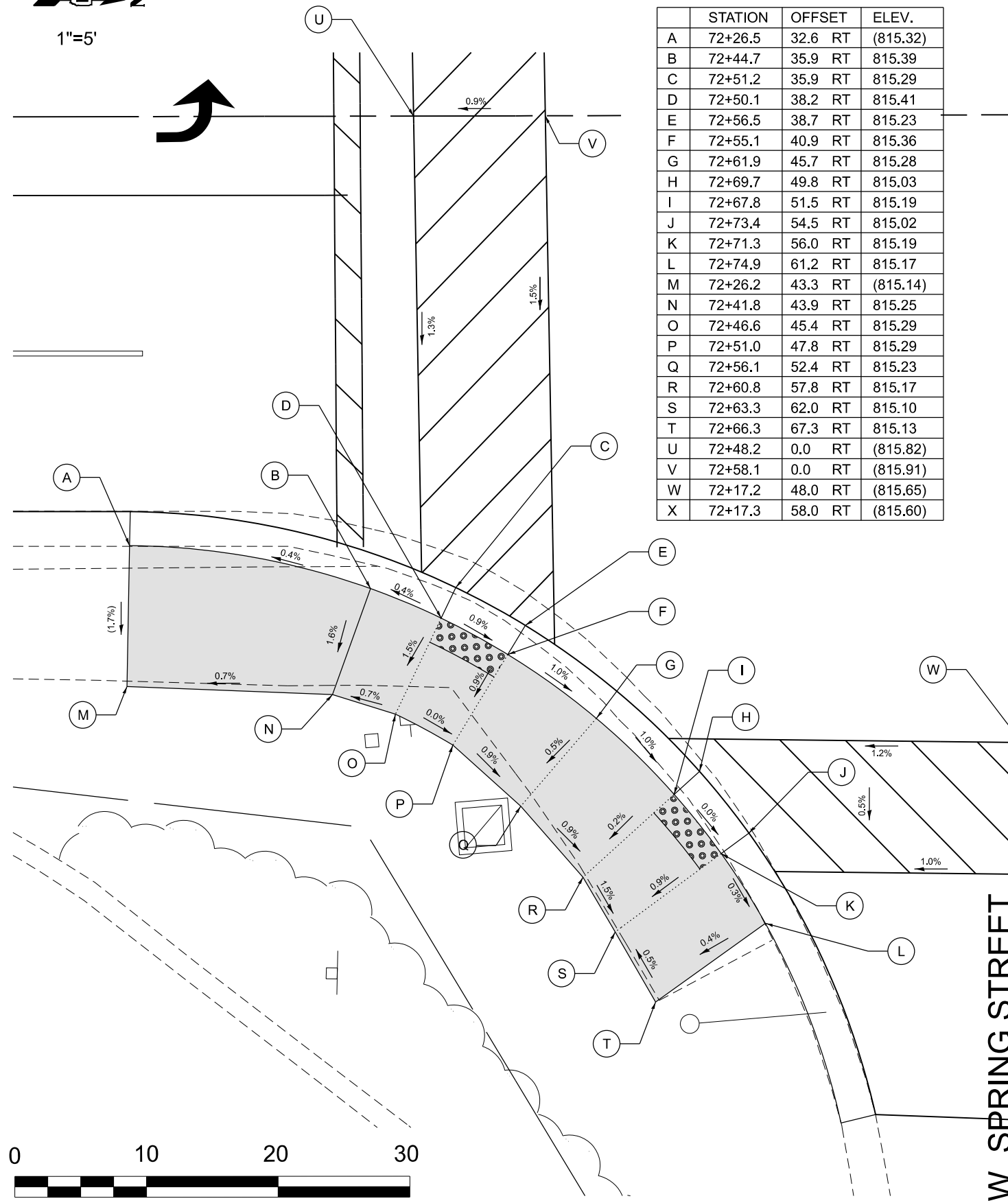
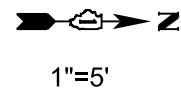
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSSWALK GRADING PLANS:  
WALGREENS ENTRANCE (NE)

SCALE: 1"=5' SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	151
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

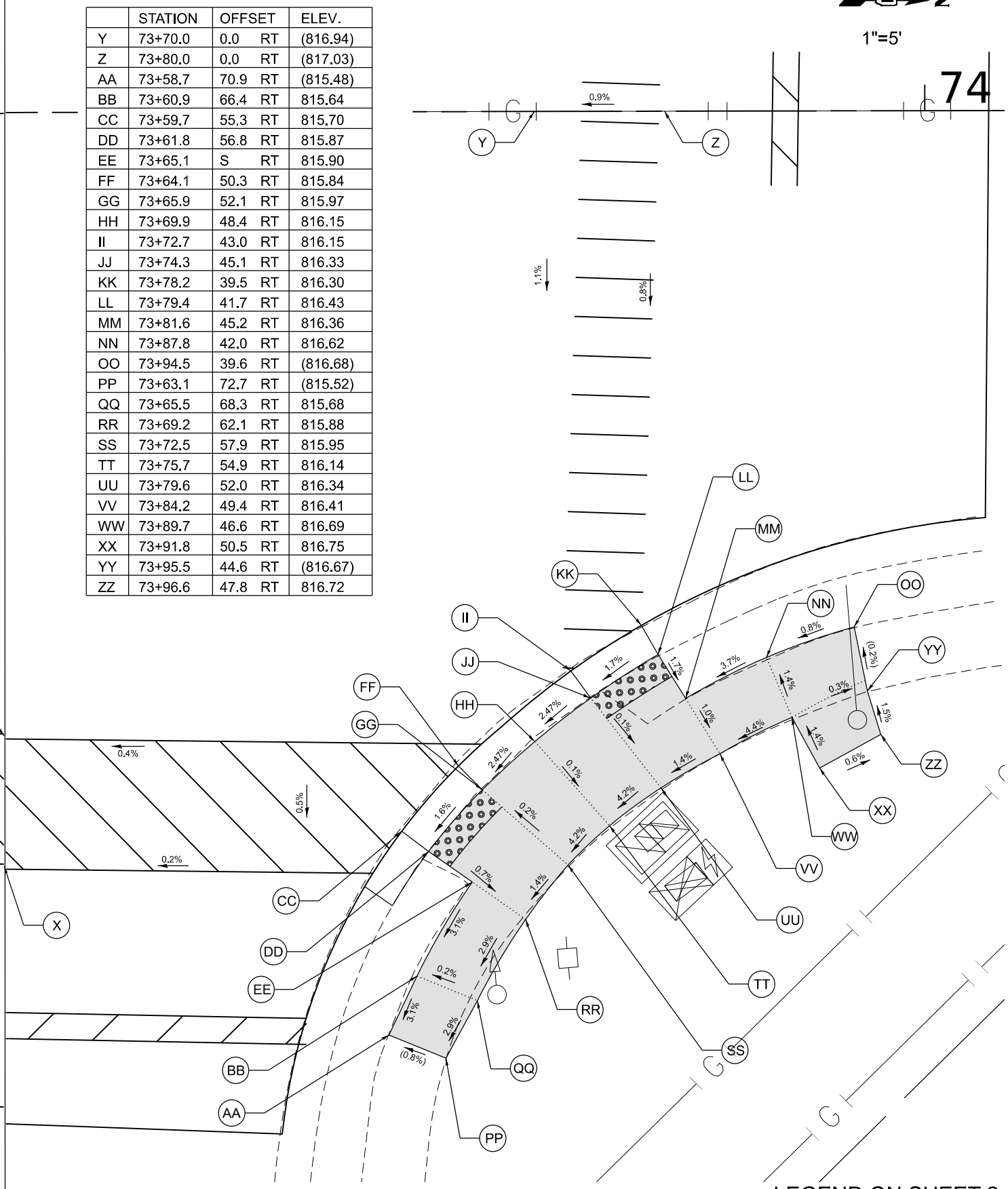
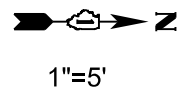
# McLEAN BOULEVARD



	STATION	OFFSET	ELEV.
A	72+26.5	32.6 RT	(815.32)
B	72+44.7	35.9 RT	815.39
C	72+51.2	35.9 RT	815.29
D	72+50.1	38.2 RT	815.41
E	72+56.5	38.7 RT	815.23
F	72+55.1	40.9 RT	815.36
G	72+61.9	45.7 RT	815.28
H	72+69.7	49.8 RT	815.03
I	72+67.8	51.5 RT	815.19
J	72+73.4	54.5 RT	815.02
K	72+71.3	56.0 RT	815.19
L	72+74.9	61.2 RT	815.17
M	72+26.2	43.3 RT	(815.14)
N	72+41.8	43.9 RT	815.25
O	72+46.6	45.4 RT	815.29
P	72+51.0	47.8 RT	815.29
Q	72+56.1	52.4 RT	815.23
R	72+60.8	57.8 RT	815.17
S	72+63.3	62.0 RT	815.10
T	72+66.3	67.3 RT	815.13
U	72+48.2	0.0 RT	(815.82)
V	72+58.1	0.0 RT	(815.91)
W	72+17.2	48.0 RT	(815.65)
X	72+17.3	58.0 RT	(815.60)



# McLEAN BOULEVARD



	STATION	OFFSET	ELEV.
Y	73+70.0	0.0 RT	(816.94)
Z	73+80.0	0.0 RT	(817.03)
AA	73+58.7	70.9 RT	(815.48)
BB	73+60.9	66.4 RT	815.64
CC	73+59.7	55.3 RT	815.70
DD	73+61.8	56.8 RT	815.87
EE	73+65.1	S RT	815.90
FF	73+64.1	50.3 RT	815.84
GG	73+65.9	52.1 RT	815.97
HH	73+69.9	48.4 RT	816.15
II	73+72.7	43.0 RT	816.15
JJ	73+74.3	45.1 RT	816.33
KK	73+78.2	39.5 RT	816.30
LL	73+79.4	41.7 RT	816.43
MM	73+81.6	45.2 RT	816.36
NN	73+87.8	42.0 RT	816.62
OO	73+94.5	39.6 RT	(816.68)
PP	73+63.1	72.7 RT	(815.52)
QQ	73+65.5	68.3 RT	815.68
RR	73+69.2	62.1 RT	815.88
TT	73+75.7	54.9 RT	816.14
UU	73+79.6	52.0 RT	816.34
VV	73+84.2	49.4 RT	816.41
WW	73+89.7	46.6 RT	816.69
XX	73+91.8	50.5 RT	816.75
YY	73+95.5	44.6 RT	(816.67)
ZZ	73+96.6	47.8 RT	816.72

LEGEND ON SHEET 2

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 HLR ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

**HAMPTON, LENZINI AND RENWICK, INC.**  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

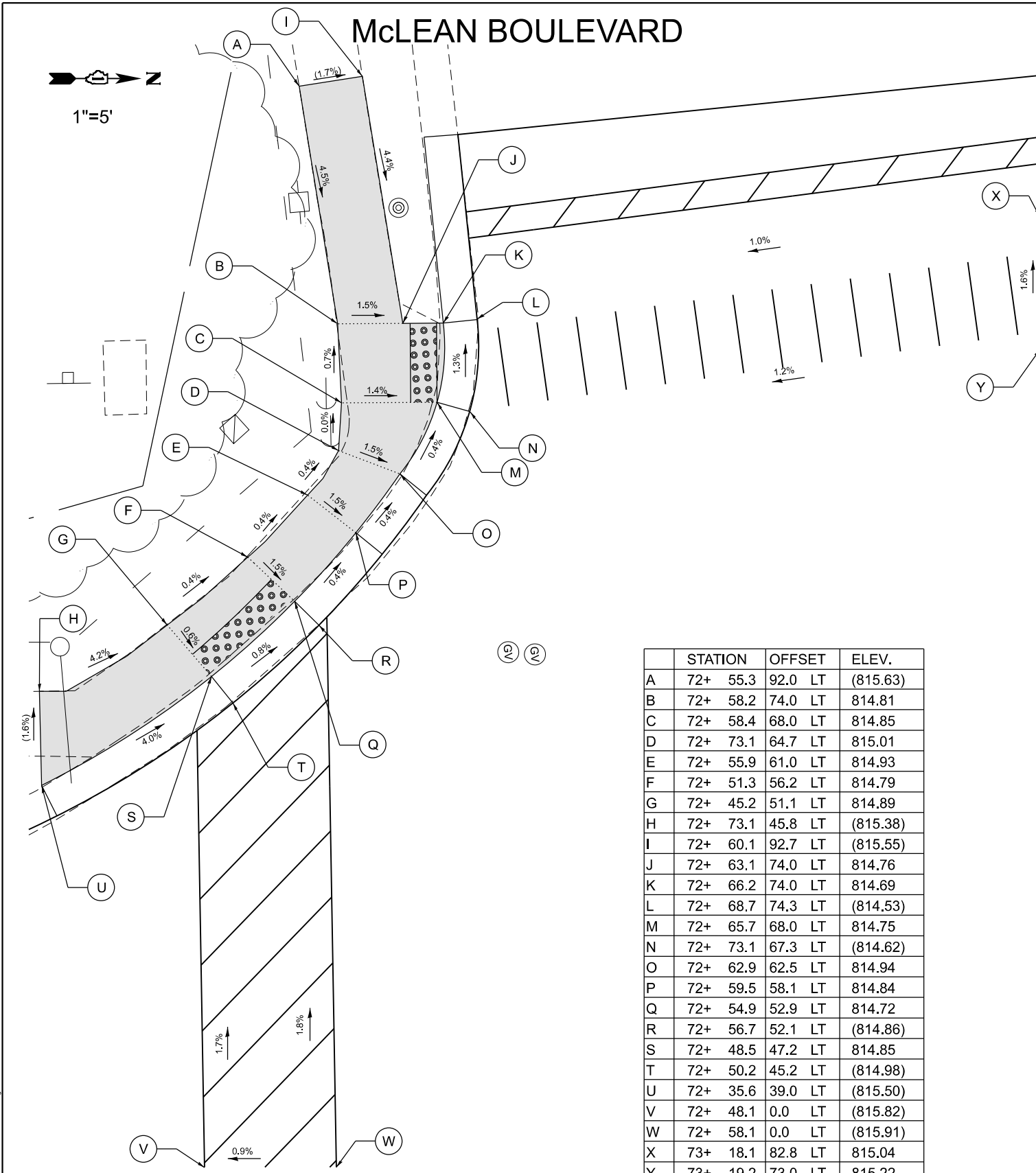
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PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSSWALK GRADING PLANS:  
 SPRING STREET (NE & SE)**

SCALE: 1"=5' SHEET 10 OF 11 SHEETS STA. TO STA.

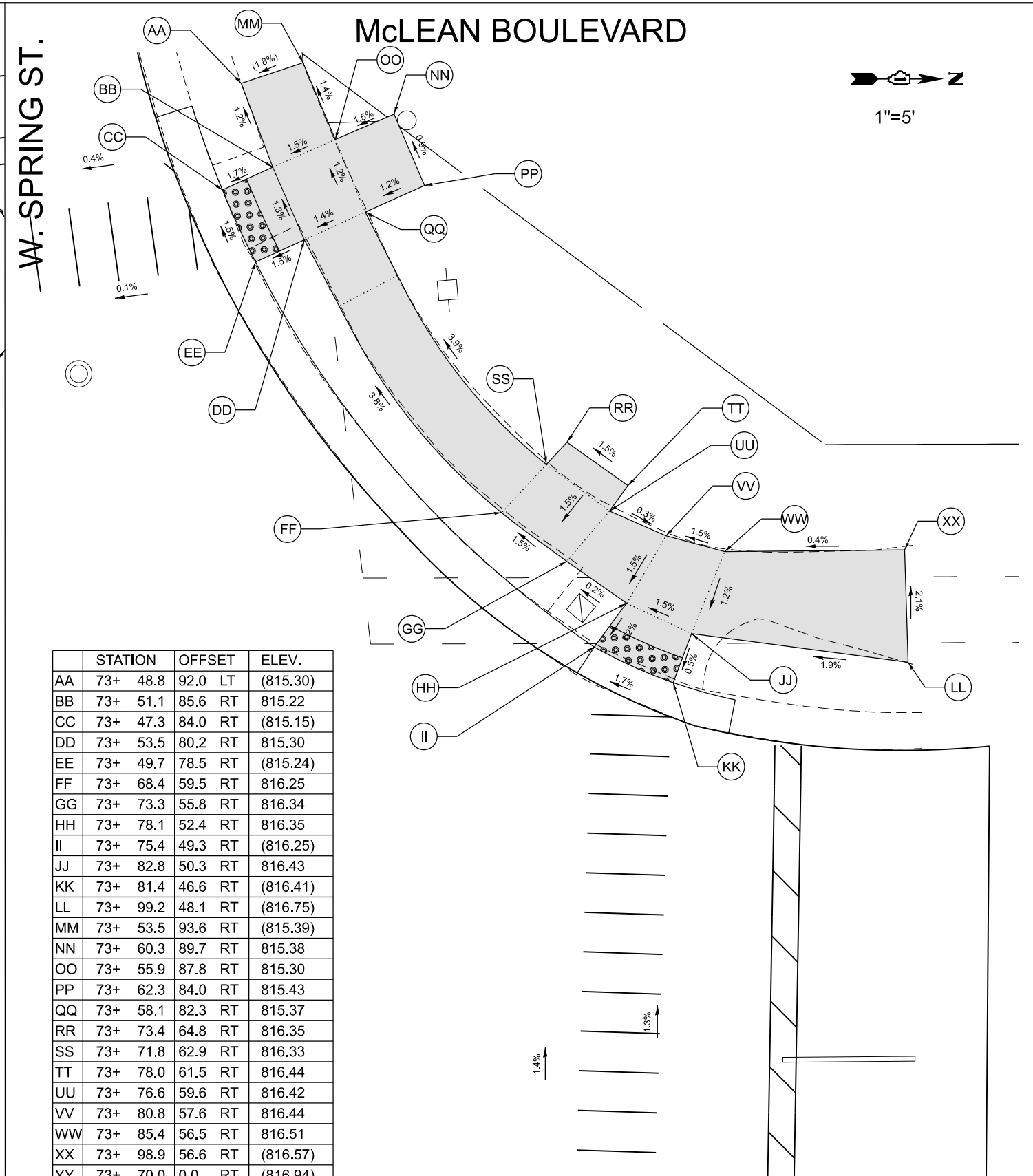
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	152
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEV.
A	72+ 55.3	92.0 LT	(815.63)
B	72+ 58.2	74.0 LT	814.81
C	72+ 58.4	68.0 LT	814.85
D	72+ 73.1	64.7 LT	815.01
E	72+ 55.9	61.0 LT	814.93
F	72+ 51.3	56.2 LT	814.79
G	72+ 45.2	51.1 LT	814.89
H	72+ 73.1	45.8 LT	(815.38)
I	72+ 60.1	92.7 LT	(815.55)
J	72+ 63.1	74.0 LT	814.76
K	72+ 66.2	74.0 LT	814.69
L	72+ 68.7	74.3 LT	(814.53)
M	72+ 65.7	68.0 LT	814.75
N	72+ 73.1	67.3 LT	(814.62)
O	72+ 62.9	62.5 LT	814.94
P	72+ 59.5	58.1 LT	814.84
Q	72+ 54.9	52.9 LT	814.72
R	72+ 56.7	52.1 LT	(814.86)
S	72+ 48.5	47.2 LT	814.85
T	72+ 50.2	45.2 LT	(814.98)
U	72+ 35.6	39.0 LT	(815.50)
V	72+ 48.1	0.0 LT	(815.82)
W	72+ 58.1	0.0 LT	(815.91)
X	73+ 18.1	82.8 LT	815.04
Y	73+ 19.2	73.0 LT	815.22



73



	STATION	OFFSET	ELEV.
AA	73+ 48.8	92.0 LT	(815.30)
BB	73+ 51.1	85.6 RT	815.22
CC	73+ 47.3	84.0 RT	(815.15)
DD	73+ 53.5	80.2 RT	815.30
EE	73+ 49.7	78.5 RT	(815.24)
FF	73+ 68.4	59.5 RT	816.25
GG	73+ 73.3	55.8 RT	816.34
HH	73+ 78.1	52.4 RT	816.35
II	73+ 75.4	49.3 RT	(816.25)
JJ	73+ 82.8	50.3 RT	816.43
KK	73+ 81.4	46.6 RT	(816.41)
LL	73+ 99.2	48.1 RT	(816.75)
MM	73+ 53.5	93.6 RT	(815.39)
NN	73+ 60.3	89.7 RT	815.38
OO	73+ 55.9	87.8 RT	815.30
PP	73+ 62.3	84.0 RT	815.43
QQ	73+ 58.1	82.3 RT	815.37
RR	73+ 73.4	64.8 RT	816.35
SS	73+ 71.8	62.9 RT	816.33
TT	73+ 78.0	61.5 RT	816.44
UU	73+ 76.6	59.6 RT	816.42
VV	73+ 80.8	57.6 RT	816.44
WW	73+ 85.4	56.5 RT	816.51
XX	73+ 98.9	56.6 RT	(816.57)
YY	73+ 70.0	0.0 RT	(816.94)
ZZ	73+ 80.0	0.0 RT	(817.03)

LEGEND ON SHEET 2

74

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 HAMPTON, LENZINI AND RENWICK, INC.  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME = knelms  
 DESIGNED - KN  
 DRAWN - SS  
 CHECKED - NP  
 DATE - 6/8/23  
 PLOT SCALE = 10.0000" / 1"  
 PLOT DATE = 1/30/2024

DESIGNED - KN  
 DRAWN - SS  
 CHECKED - NP  
 DATE - 6/8/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

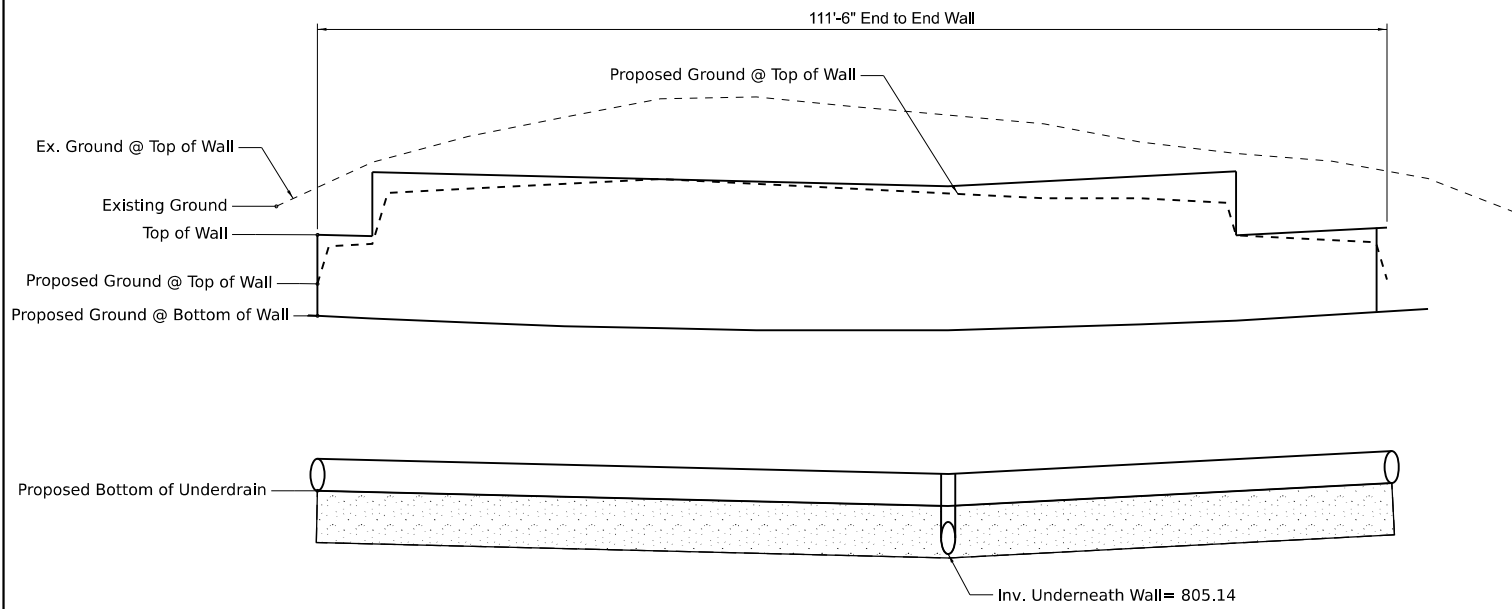
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSSWALK GRADING PLANS:  
 SPRING STREET (NW & SW)

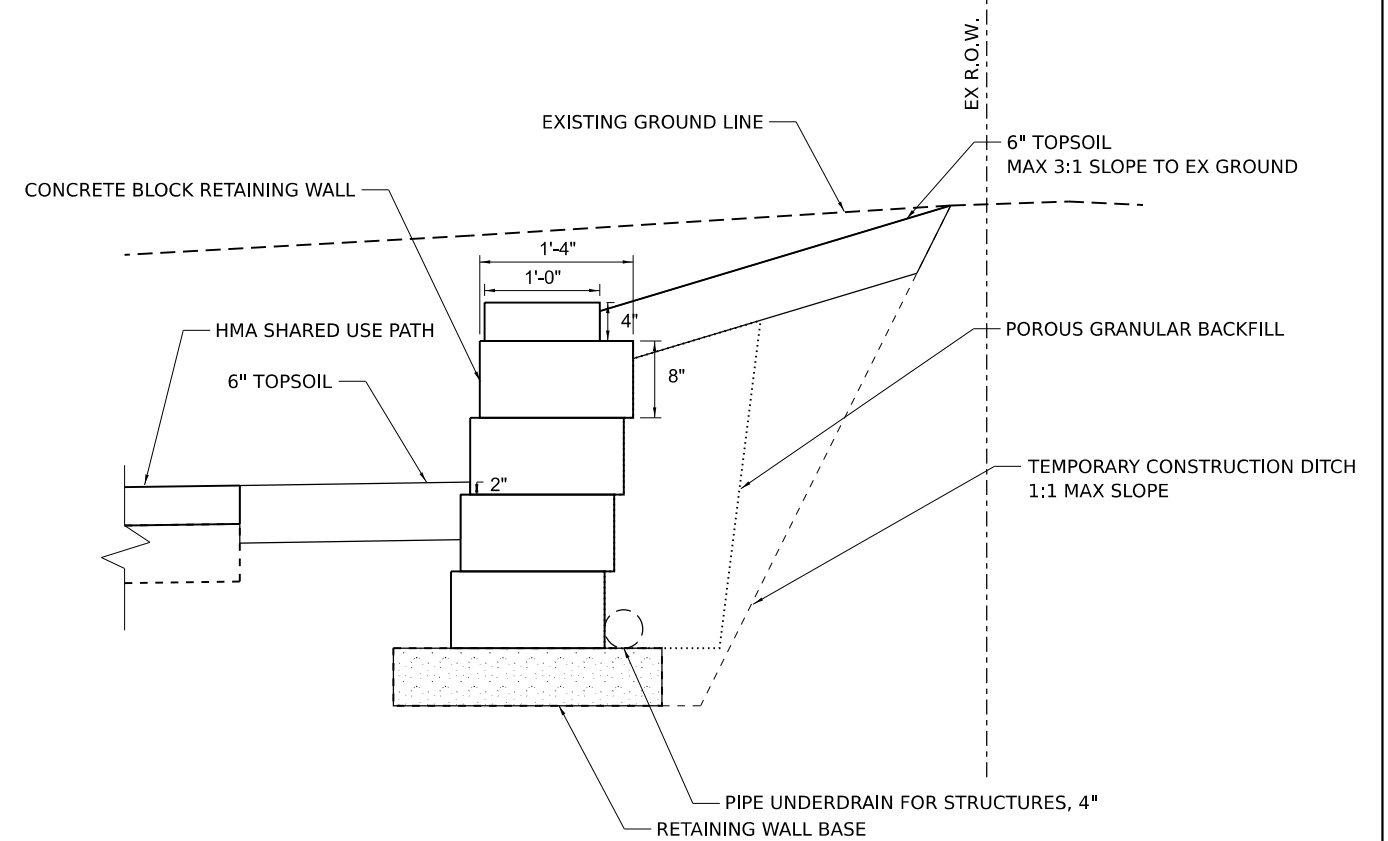
SCALE: 1"=5'  
 SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 2509 18-00050-00-PV KANE 258 153  
 CONTRACT NO. 61J65  
 ILLINOIS FED. AID PROJECT



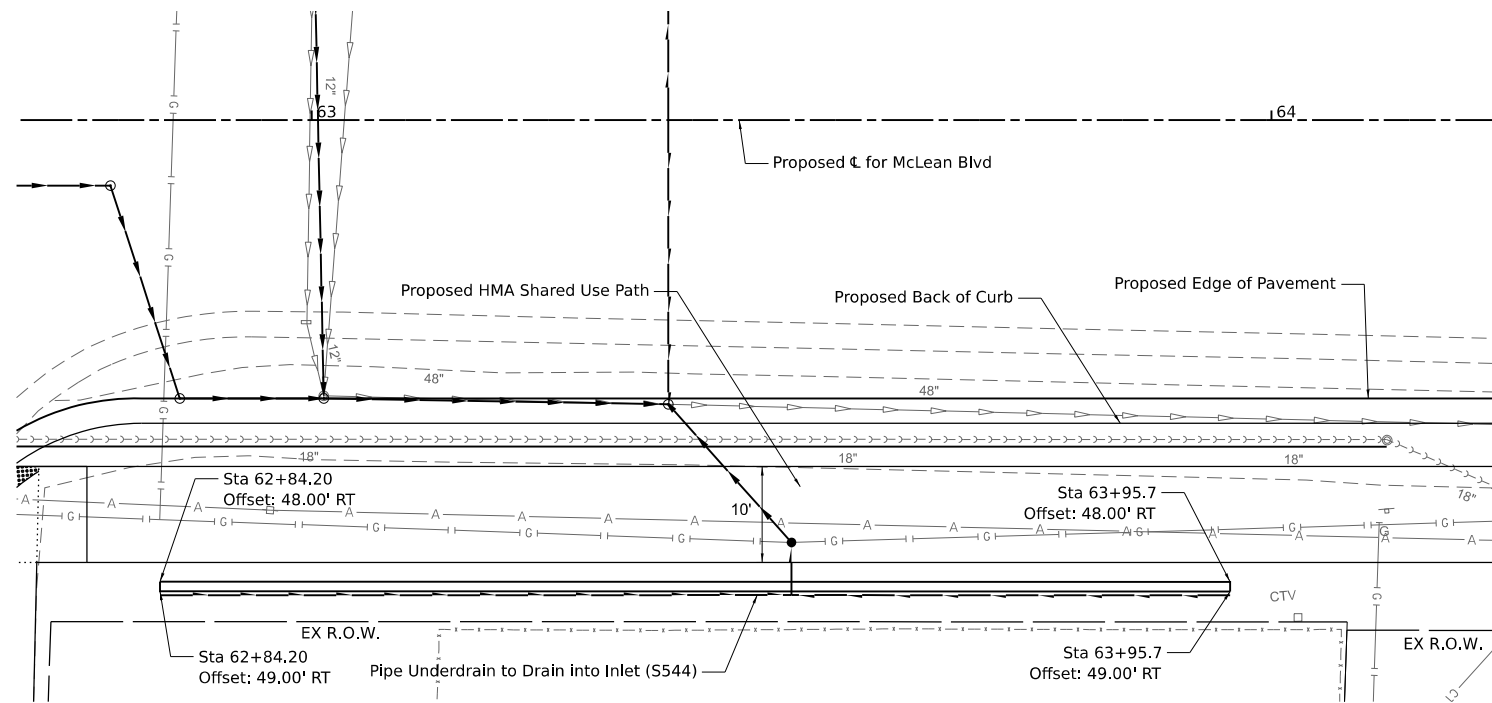


Elevation

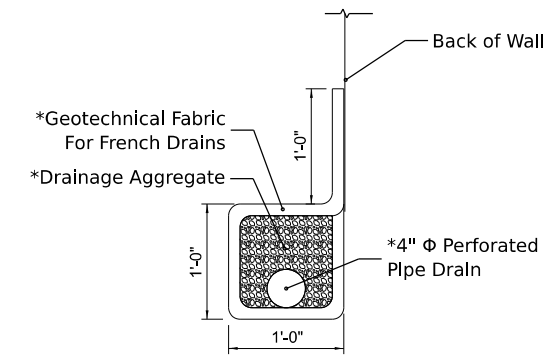


Retaining Wall Typical Section  
N.T.S

Station	Existing Ground	Proposed Top of Wall	Proposed Ground		Proposed Bottom of Underdrain
			Top of Wall	Bottom of Wall	
62+84.2	(808.96)	808.48	807.96	807.62	806.13
62+90.0	(809.23)	808.46/809.12	808.38	807.59	806.12
63+00.0	(809.50)	809.1	808.96	807.56	806.1
63+10.0	(809.70)	809.08	809	807.52	806.07
63+20.0	(809.90)	809.05	809.05	807.5	806.05
63+30.0	(809.91)	809.03	809	807.58	806.03
63+40.0	(809.81)	809	808.95	807.47	806
63+50.0	(809.73)	808.99	808.9	807.47	805.98
63+60.0	(809.63)	809.02	808.85	807.51	806.02
63+70.0	(809.44)	809.08	808.85	807.54	806.07
63+80.0	(809.32)	809.13/808.46	808.47	807.58	806.12
63+90.0	(809.24)	808.52	808.42	807.64	806.19
63+95.7	(809.14)	808.54	808	807.67	806.21



Plan



PIPE UNDERDRAIN DETAIL  
\*Included in the cost of Pipe Underdrains for Structures 4"

MODEL: McLean\_B - Retaining Wall (Sheet)  
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 HLR  
 HAMPTON, LENZINI AND RENWICK, INC.  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

<b>HAMPTON, LENZINI AND RENWICK, INC.</b> 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	USER NAME = knelms DESIGNED - KN DRAWN - SS CHECKED - NP DATE - 6/8/23 PLOT SCALE = 0.16666667 / 1 in. PLOT DATE = 1/30/2024	DESIGNED - KN DRAWN - SS CHECKED - NP DATE - 6/8/23	REVISED - REVISED - REVISED - REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
SEGMENTAL CONCRETE BLOCK RETAINING WALL

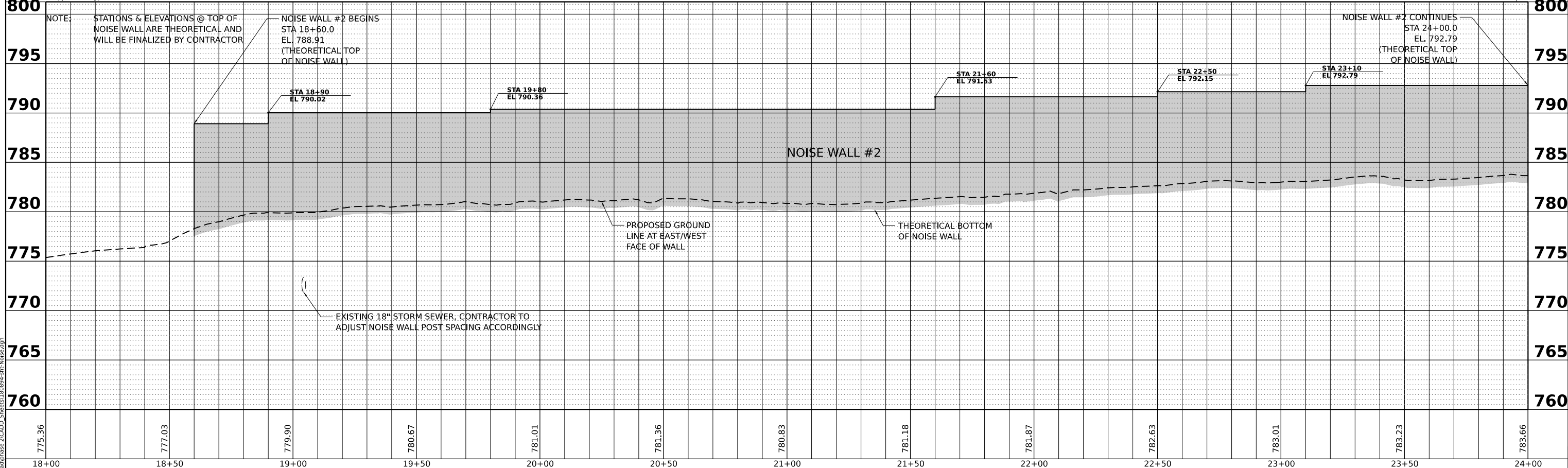
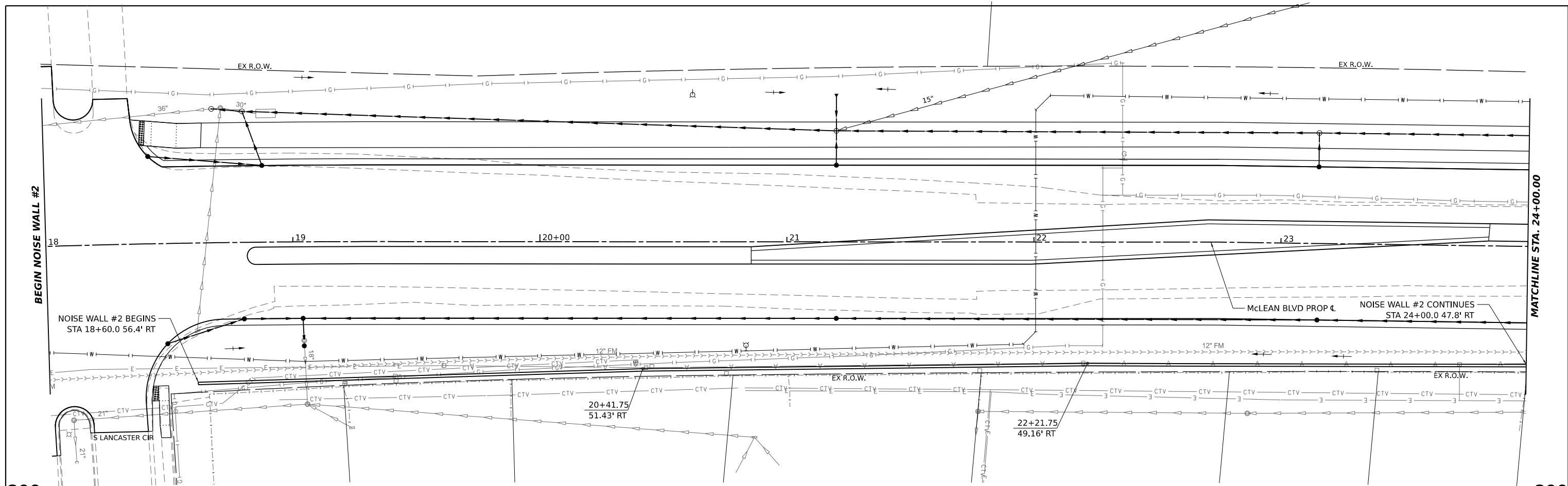
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	154
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



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

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



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**HAMPTON, LENZINI AND RENWICK, INC.**  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60120  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184-000669

USER NAME	knelm	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

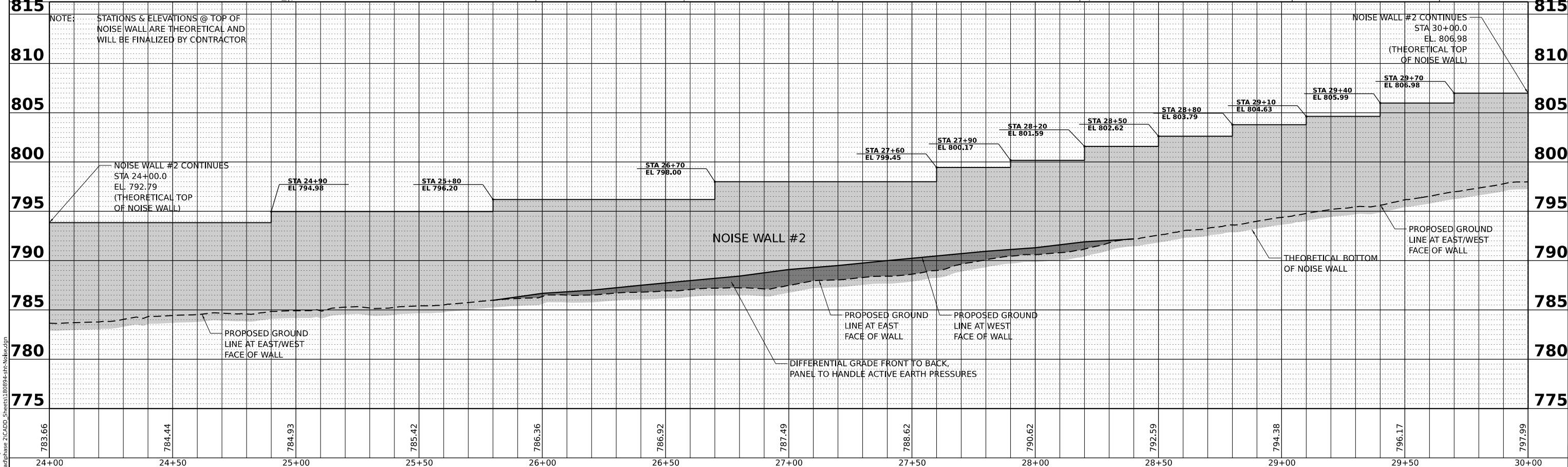
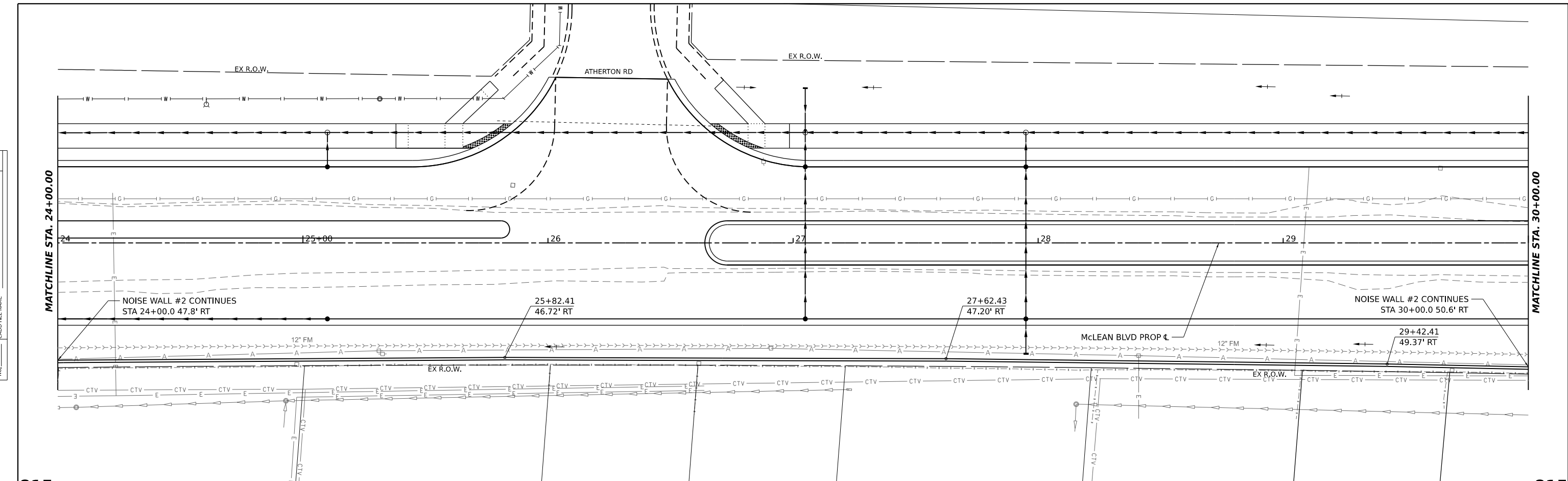
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 NOISE WALL #2 PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	156
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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



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**HAMPTON, LENZINI AND RENWICK, INC.**  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60120  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184-000669

USER NAME	knelm	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

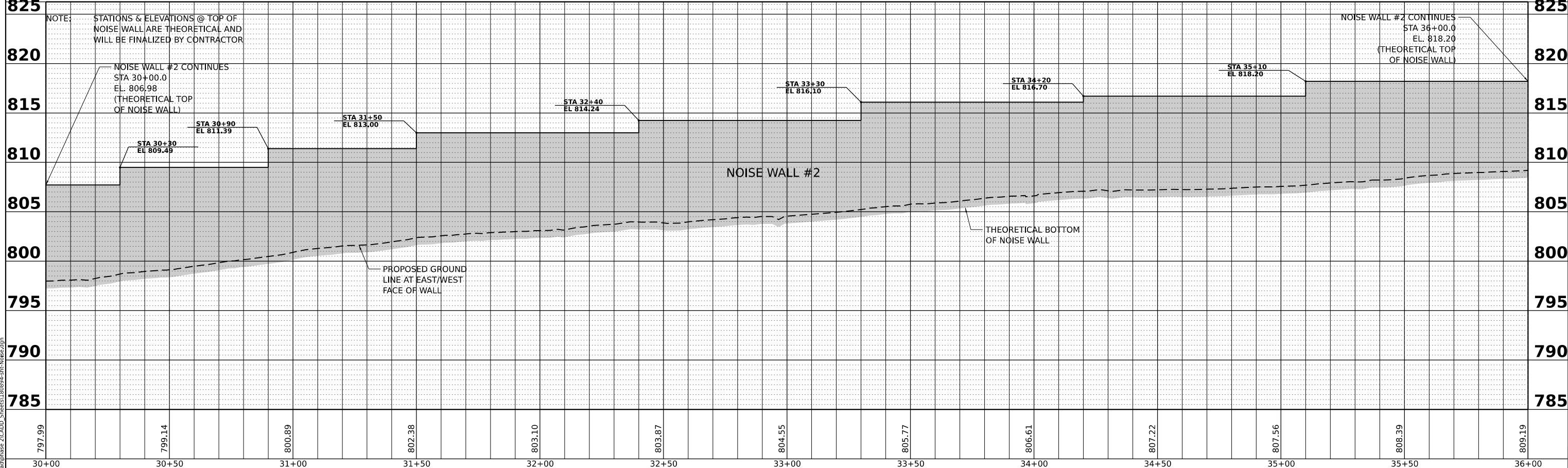
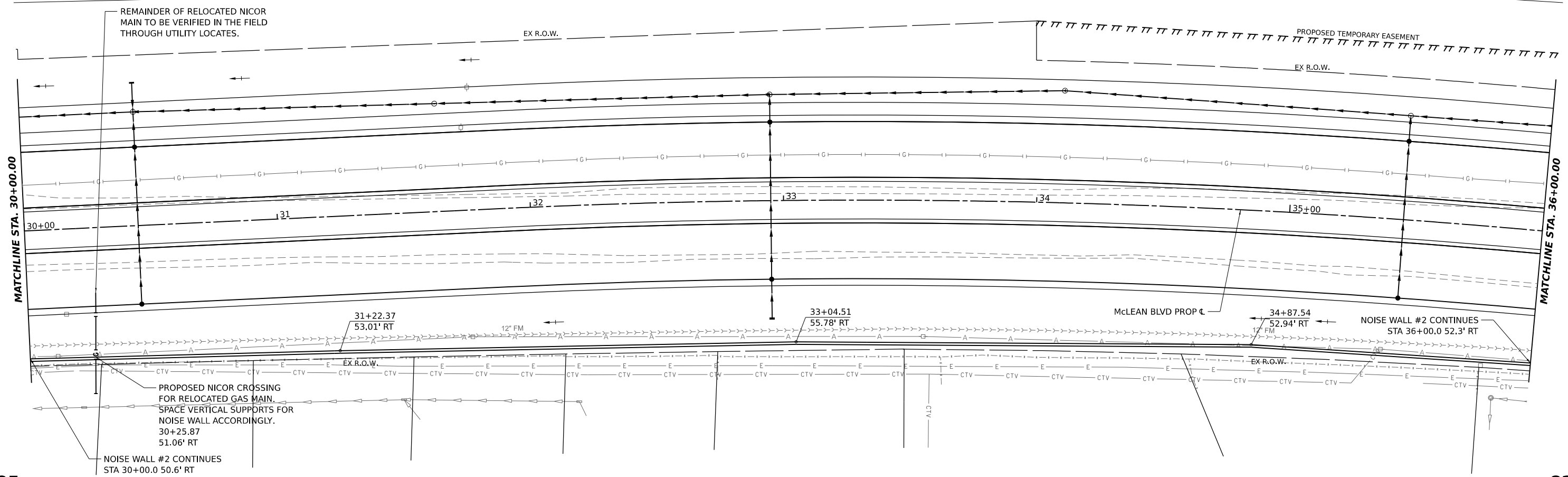
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST**  
**NOISE WALL #2 PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	157
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
DATE	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	



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**HAMPTON, LENZINI AND RENWICK, INC.**  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184-000655

USER NAME	knelm	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
		CHECKED	NP	REVISED	-
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PLOT SCALE	0.16666667 / in.				
PLOT DATE	1/30/2024				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

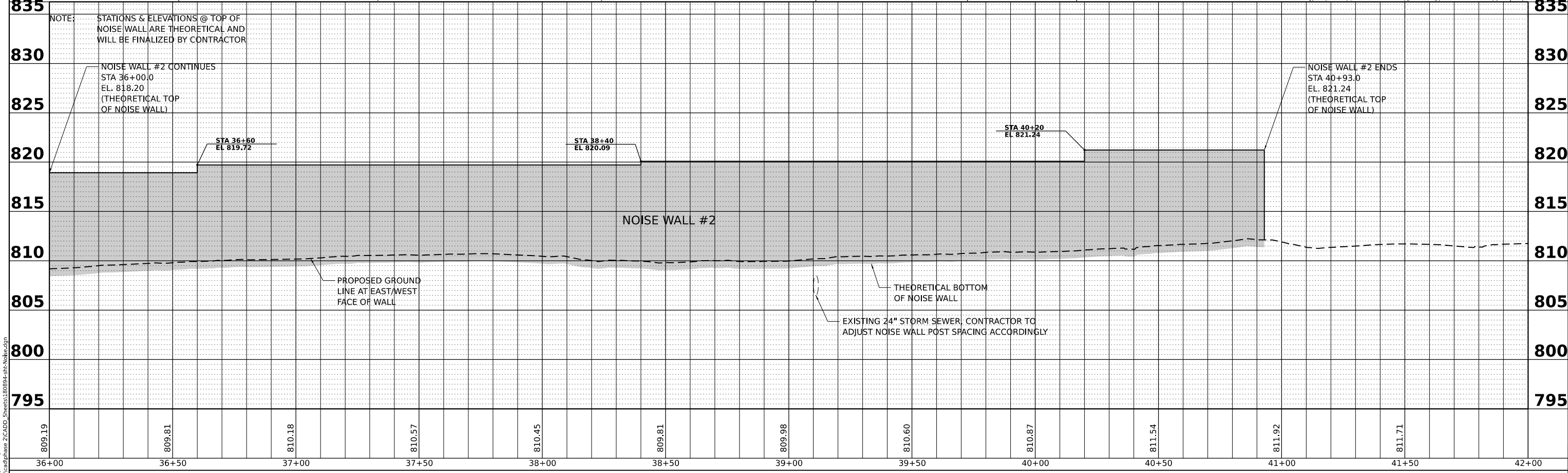
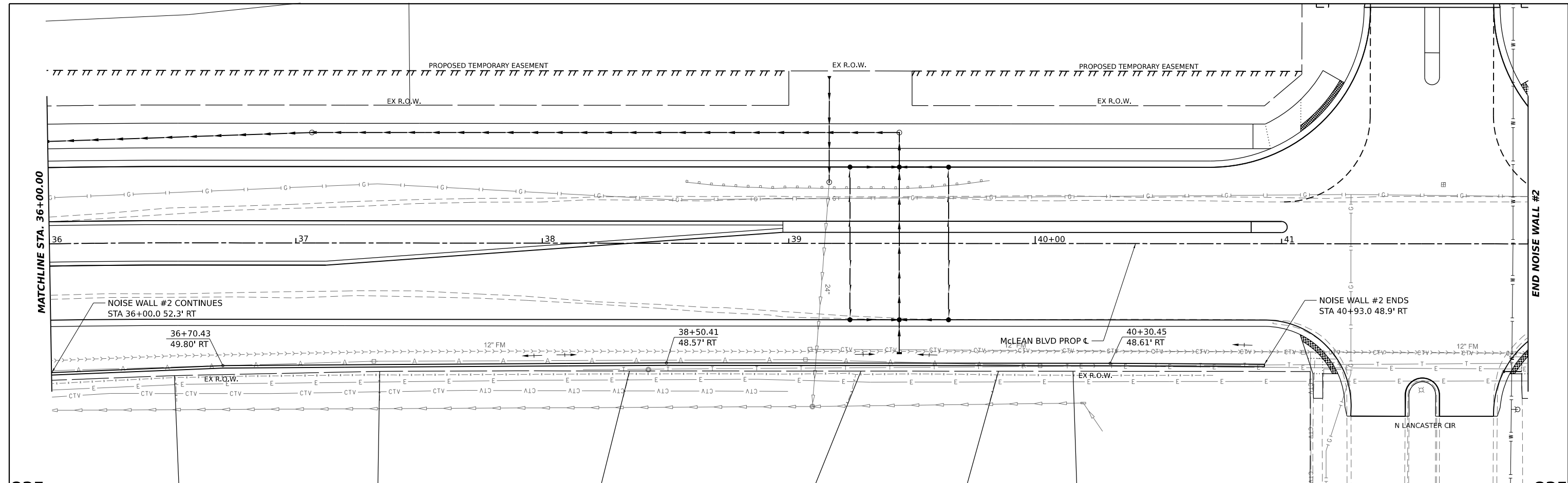
SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
NOISE WALL #2 PLAN AND PROFILE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	158
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
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DATE	
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REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



NOTE: STATIONS & ELEVATIONS @ TOP OF NOISE WALL ARE THEORETICAL AND WILL BE FINALIZED BY CONTRACTOR

NOISE WALL #2 CONTINUES  
STA 36+00.0  
EL. 818.20  
(THEORETICAL TOP OF NOISE WALL)

NOISE WALL #2 ENDS  
STA 40+93.0  
EL. 821.24  
(THEORETICAL TOP OF NOISE WALL)

PROPOSED GROUND LINE AT EAST/WEST FACE OF WALL

THEORETICAL BOTTOM OF NOISE WALL  
EXISTING 24" STORM SEWER, CONTRACTOR TO ADJUST NOISE WALL POST SPACING ACCORDINGLY

NOISE WALL #2

MODEL: McLean - Noise 2-4 (Sheet)  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
380 SHEPARD DRIVE  
ELGIN, ILLINOIS 60120  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184-000569

USER NAME	knelm
DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23
PLOT SCALE	0.16666667 / in.
PLOT DATE	1/30/2024

DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

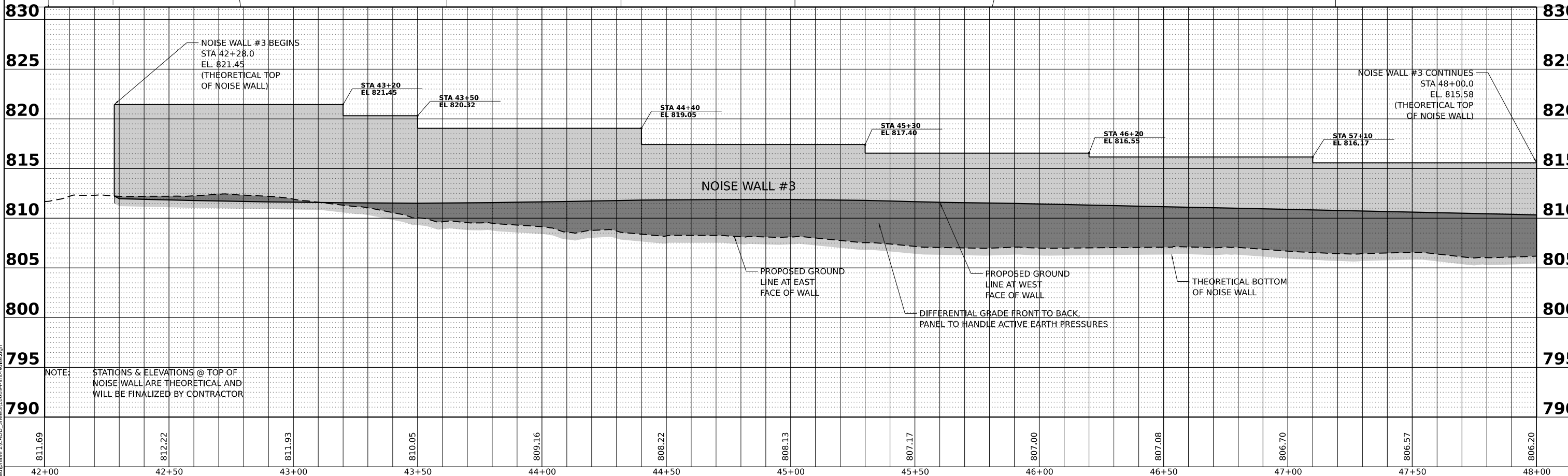
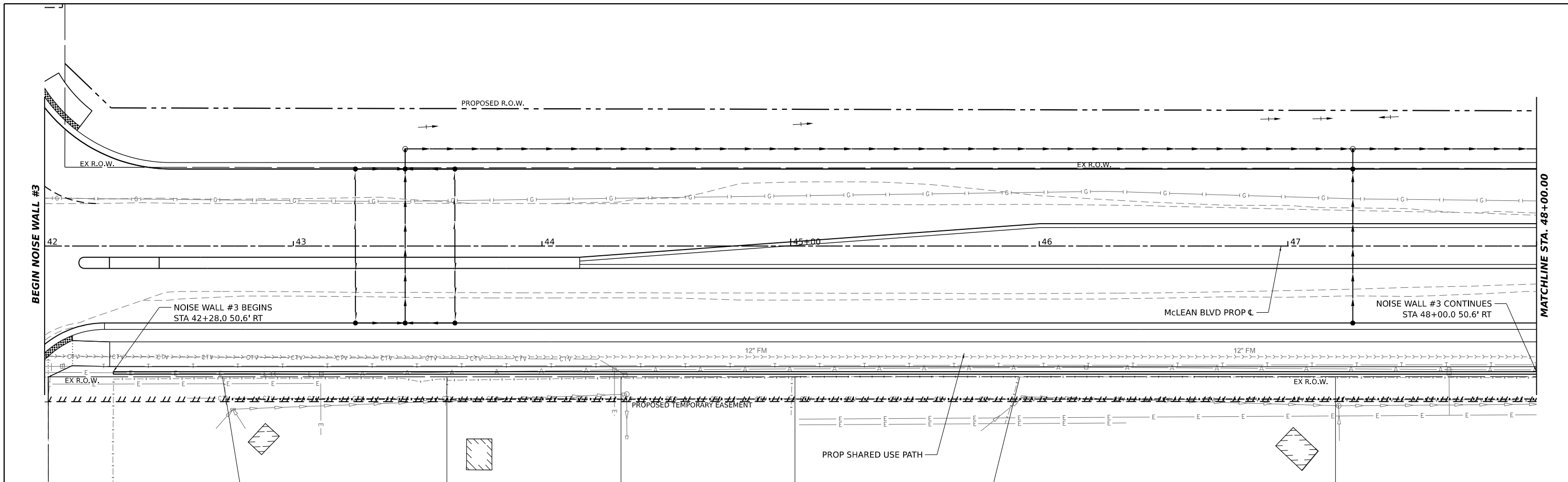
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
NOISE WALL #2 PLAN AND PROFILE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	159
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DATE	
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BY	
REVISIONS	
NO.	



MODEL: McLean - Noise 3-1 (Sheet)  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184-000659

USER NAME	knelm	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 NOISE WALL #3 PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	160
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

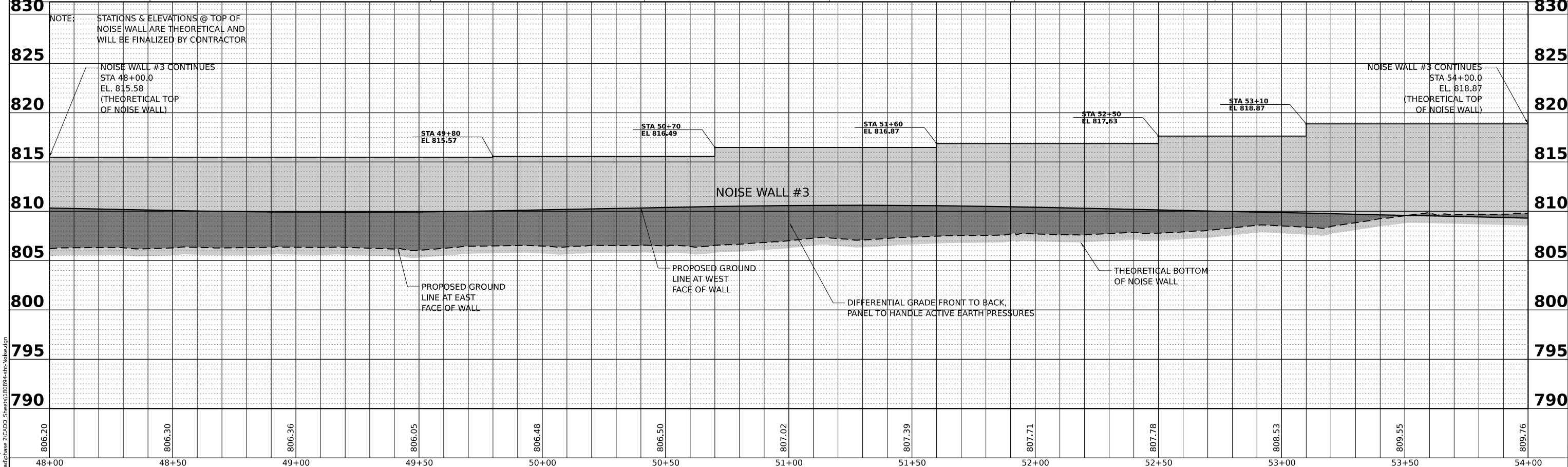
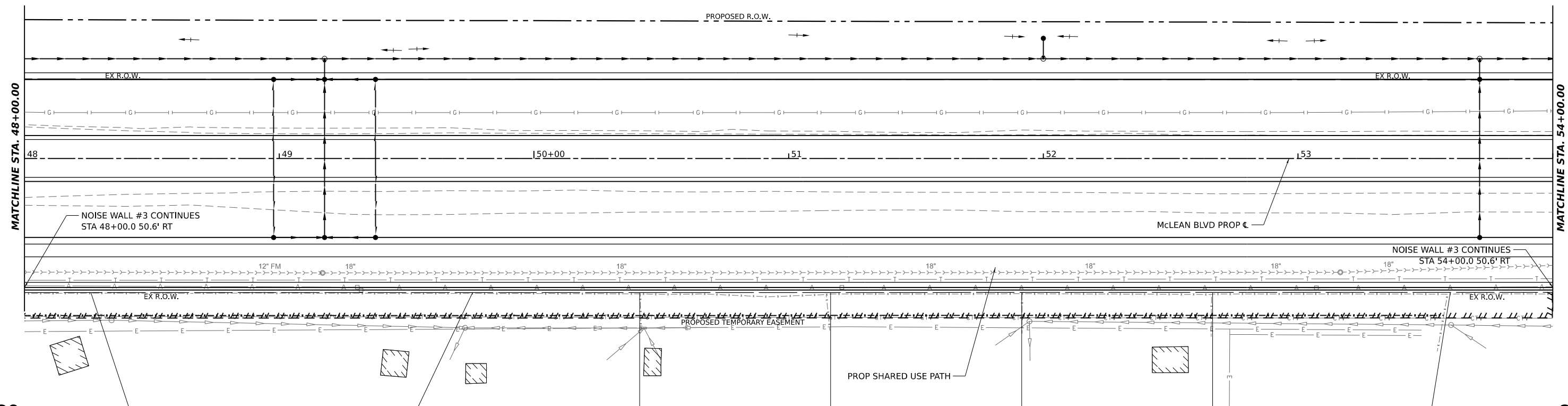
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DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
	NO. _____
	NO. _____
	NO. _____

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

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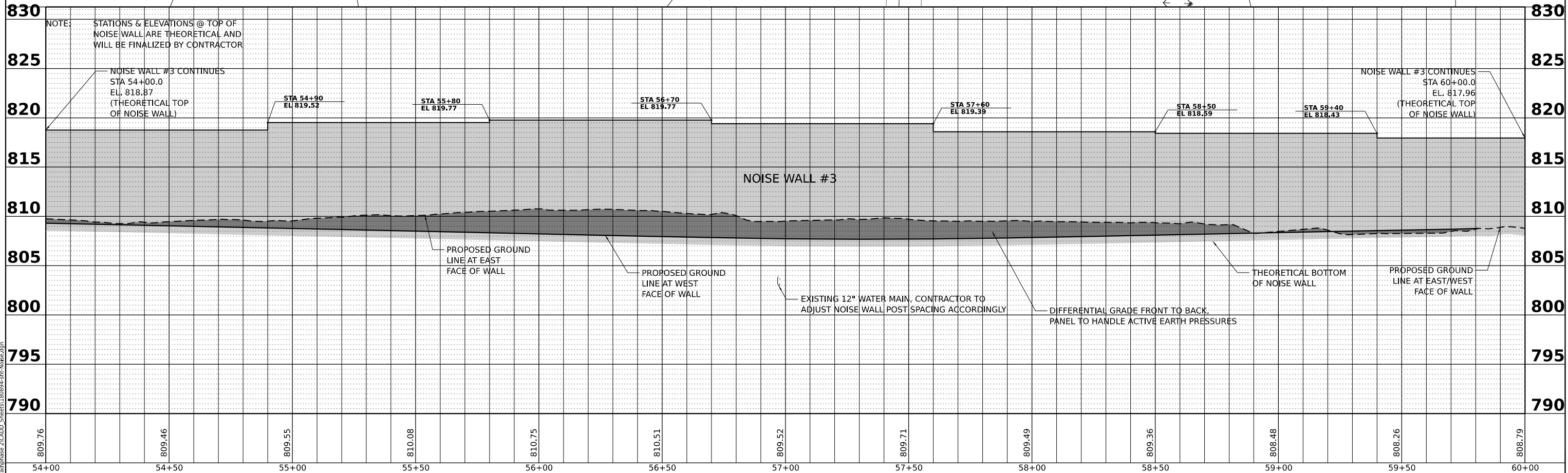
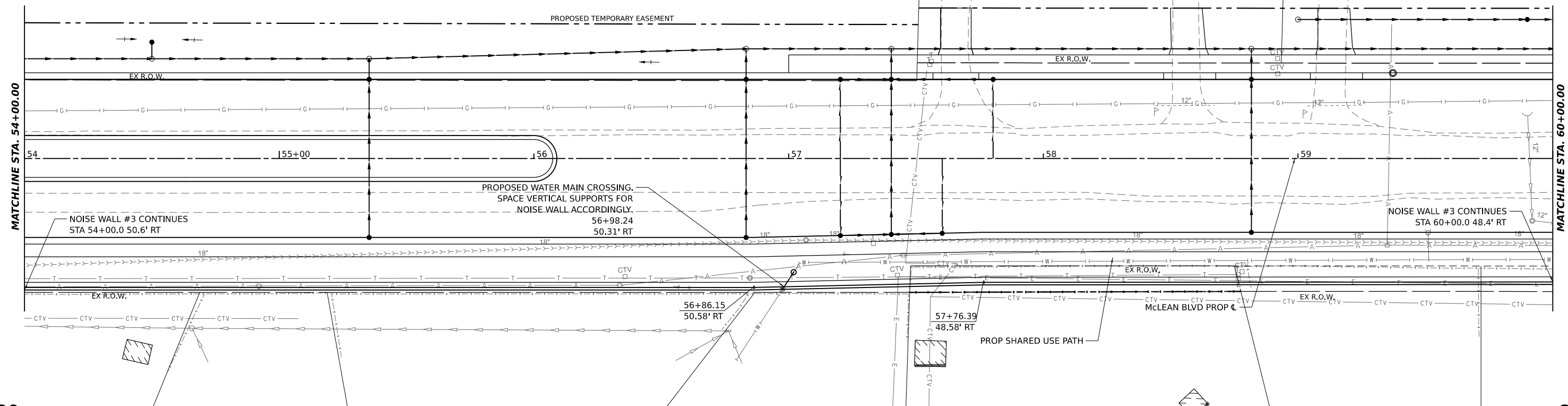


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48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00

<p>HAMPTON, LENZI AND RENWICK, INC.          380 SHEPARD DRIVE          ELGIN, ILLINOIS 60123          ILLINOIS PROFESSIONAL DESIGN FIRM          LS / PE / SE CORP. 184-000569</p>	USER NAME = knelms	DESIGNED - KN	REVISED -	<p align="center"><b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST          NOISE WALL #3 PLAN AND PROFILE</b></p>	F.A.U RTE. = 2509	SECTION = 18-00050-00-PV	COUNTY = KANE	TOTAL SHEETS = 258	SHEET NO. = 161
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	PLOT DATE = 1/30/2024	DATE = 6/8/23	REVISED -		ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTING CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

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



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USER NAME	knelm
DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

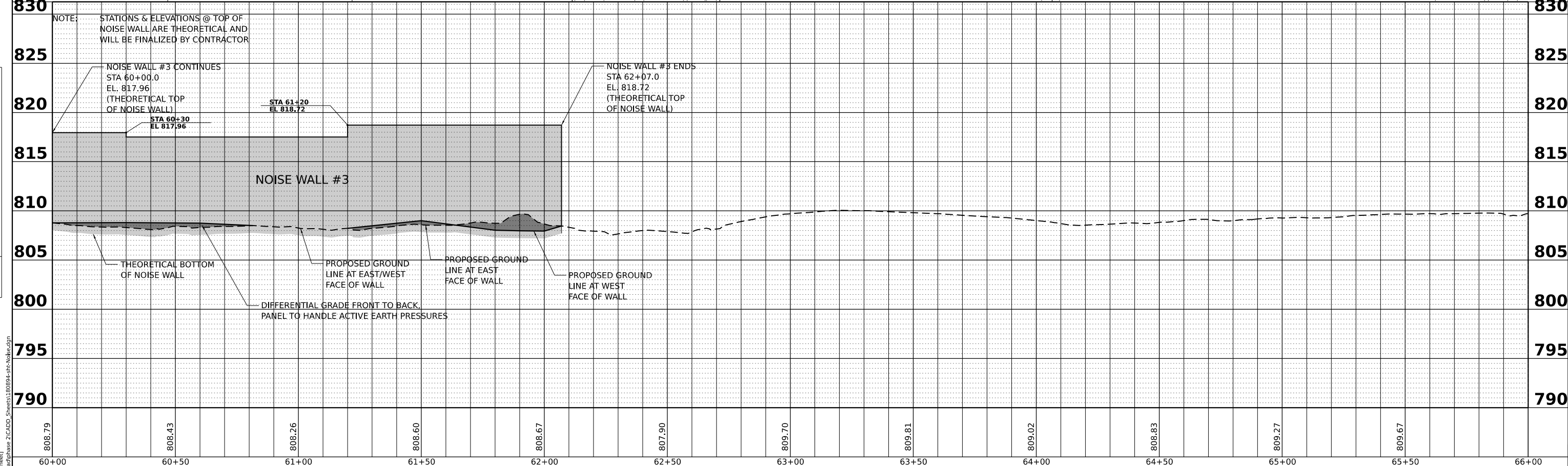
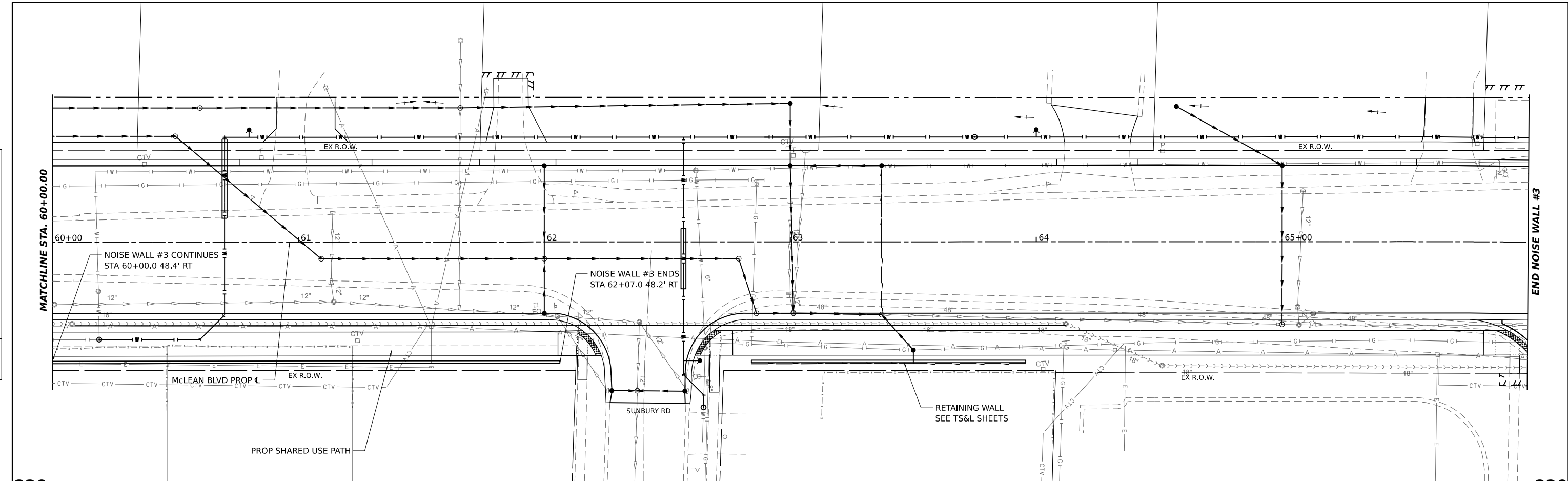
SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 NOISE WALL #3 PLAN AND PROFILE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	162
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTINGS CHKD	



808.79	808.43	808.26	808.60	808.67	807.90	809.70	809.81	809.02	808.83	809.27	809.67	
60+00	60+50	61+00	61+50	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00

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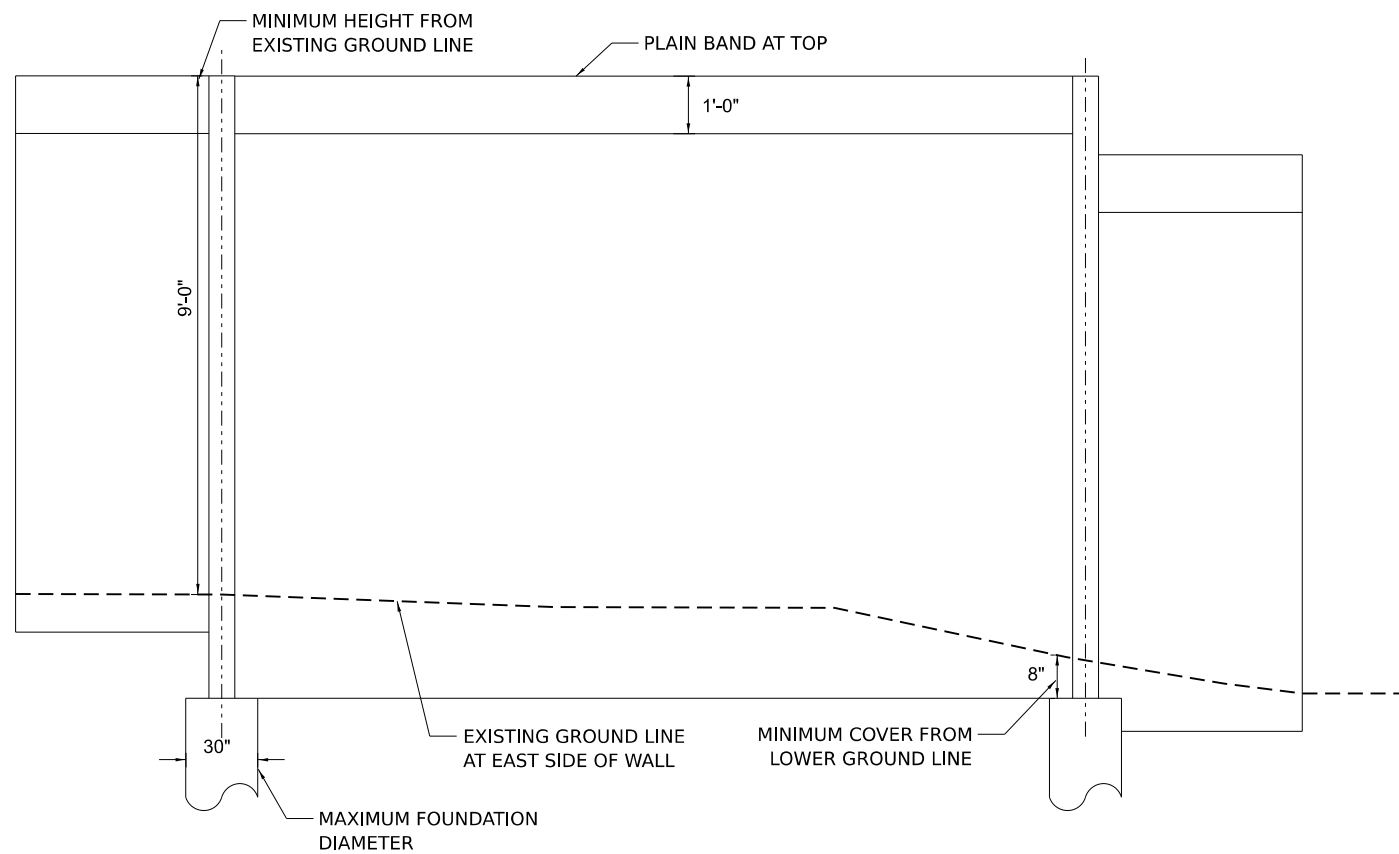
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	PLOT SCALE = 0.16666667 / in.	DRAWN - SS	REVISED -
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		DATE - 6/8/23	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

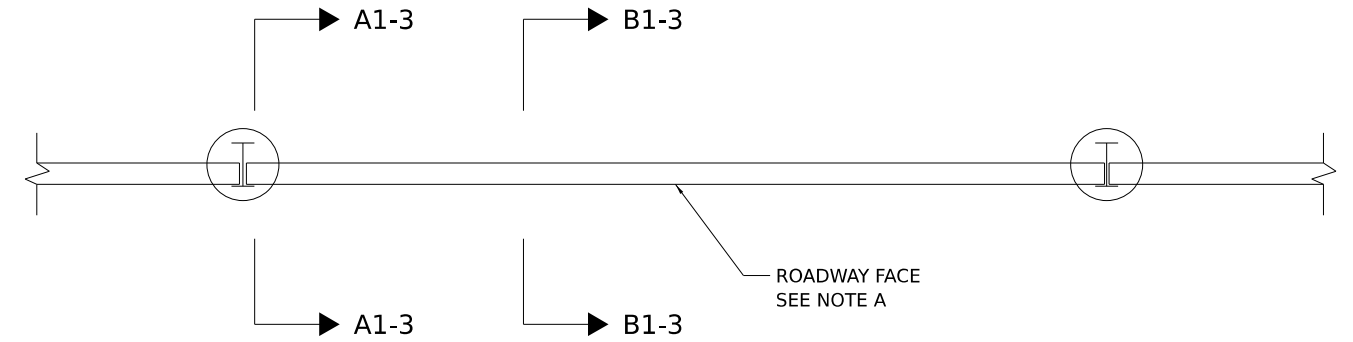
SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 NOISE WALL #3 PLAN AND PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



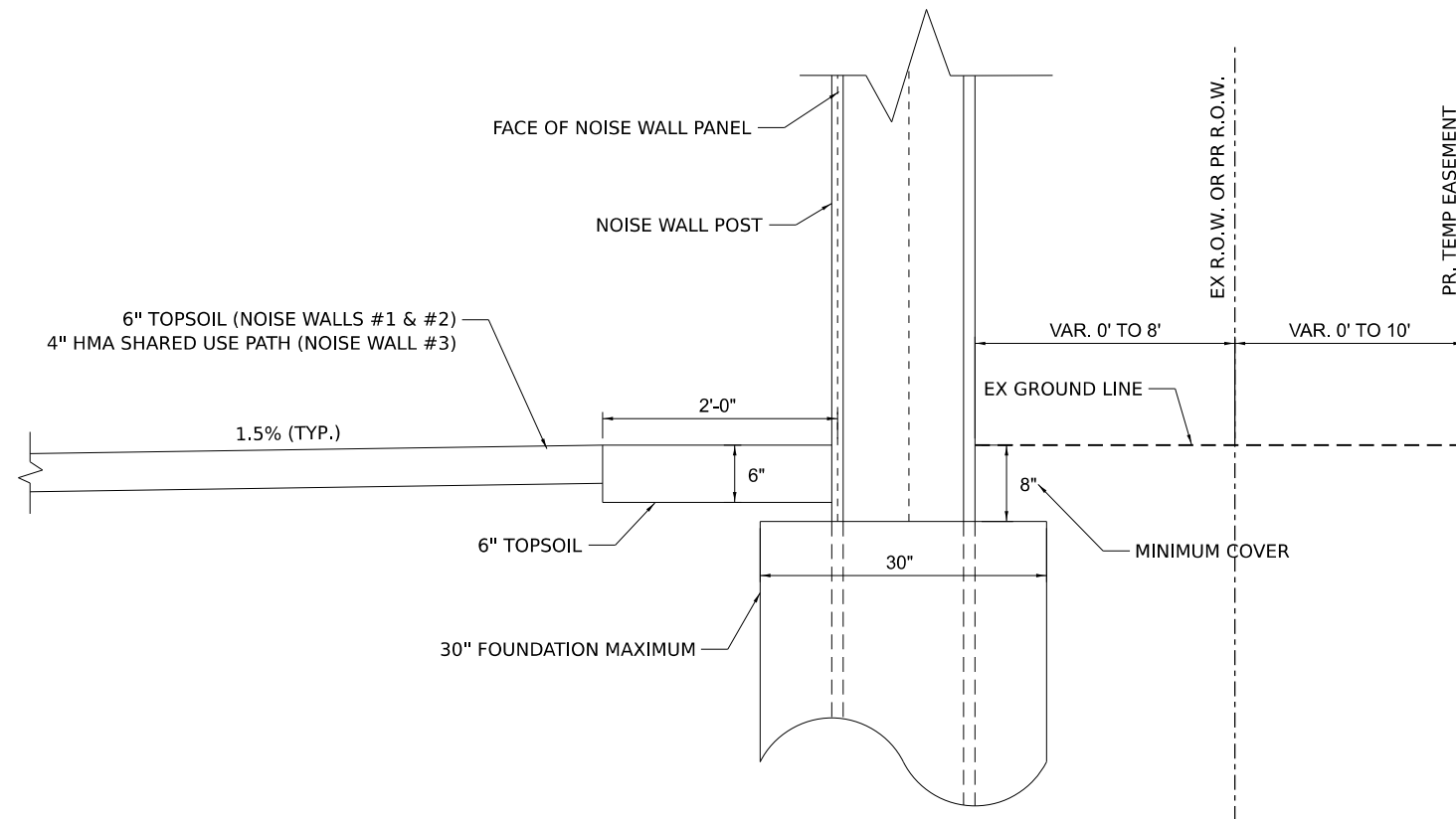
ELEVATION  
N.T.S



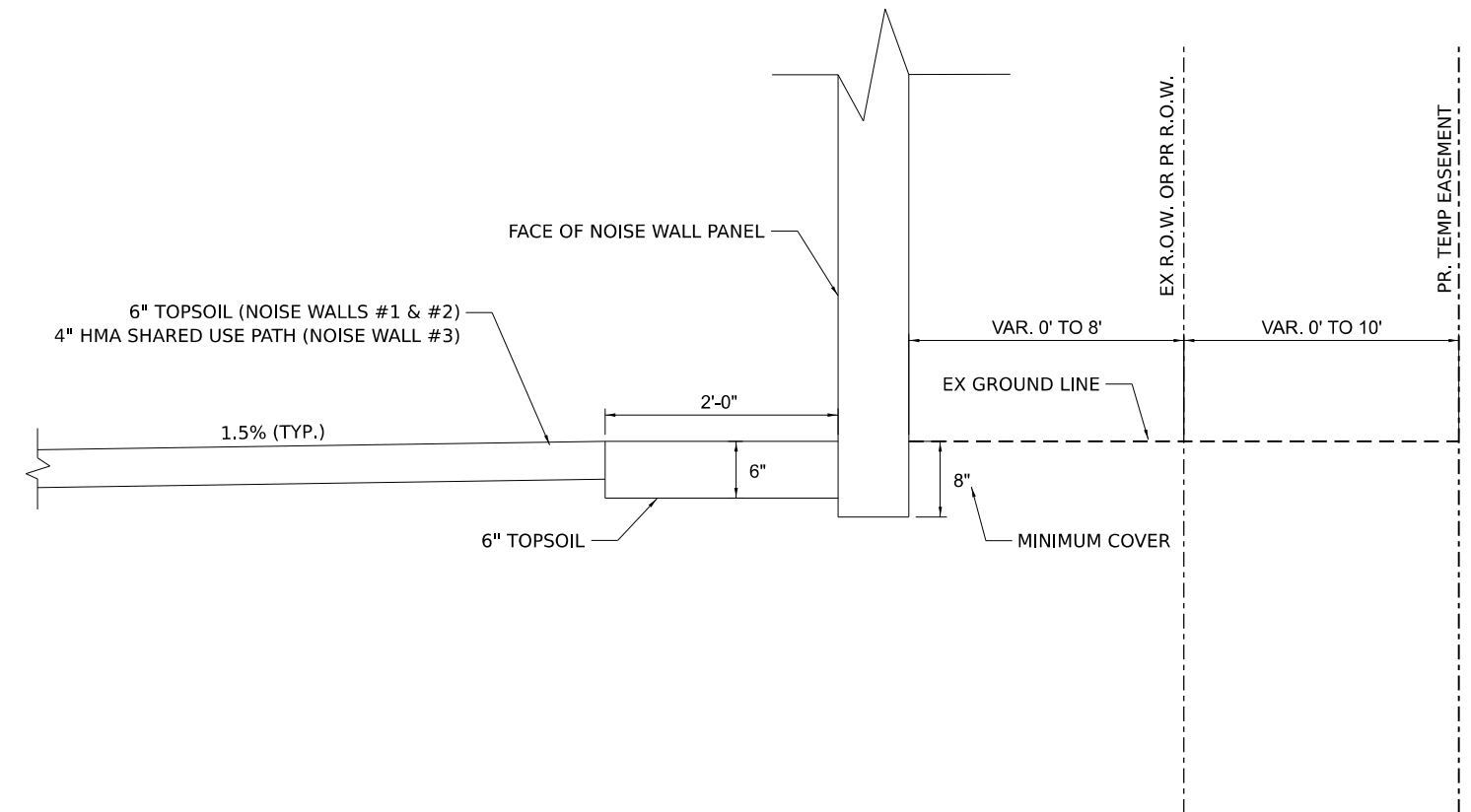
PLAN  
N.T.S

NOTE A  
THE ROADWAY FACE OF THE NOISE WALL PANELS SHALL BE PLACED FLUSH WITH THE ROADWAY FACING FLANGE OF THE SUPPORT PILING AS SHOWN IN THE PLAN VIEW

**NOISE WALL W/O DIFFERENTIAL GRADE FROM FRONT TO BACK**



SECTION A1-A1 NOISE WALL AT POSTS  
N.T.S



SECTION B1-B1 NOISE WALL AT PANELS  
N.T.S

MODEL: Default  
FILE NAME: P:\2023\18180894\CAD\plans\2\CADD\_Sheets\18180894-eh-108e-Detail.dgn

**HAMPTON, LENZINI AND RENWICK, INC.**  
390 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000959

USER NAME	knelm	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
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PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

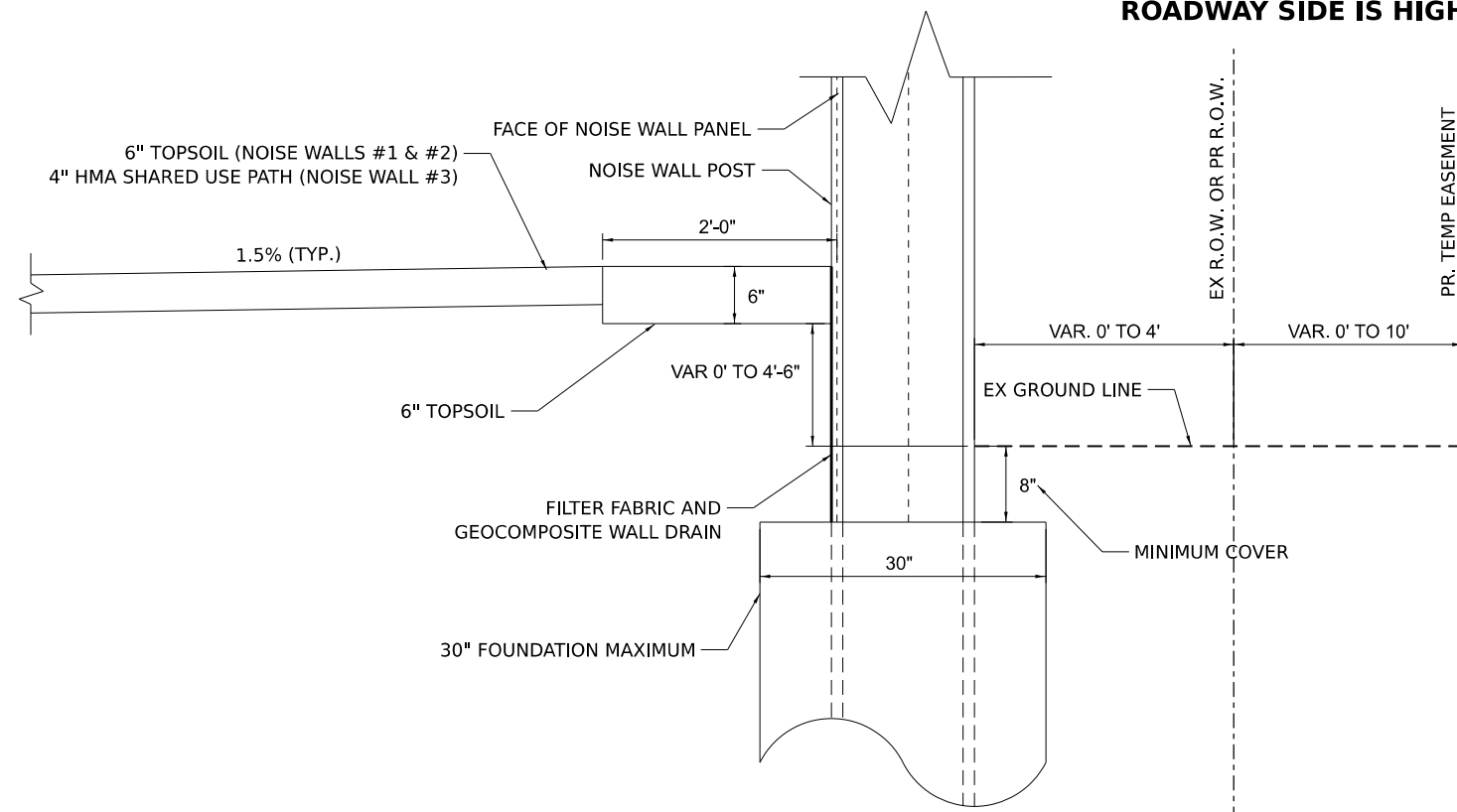
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
NOISE WALL DETAILS**

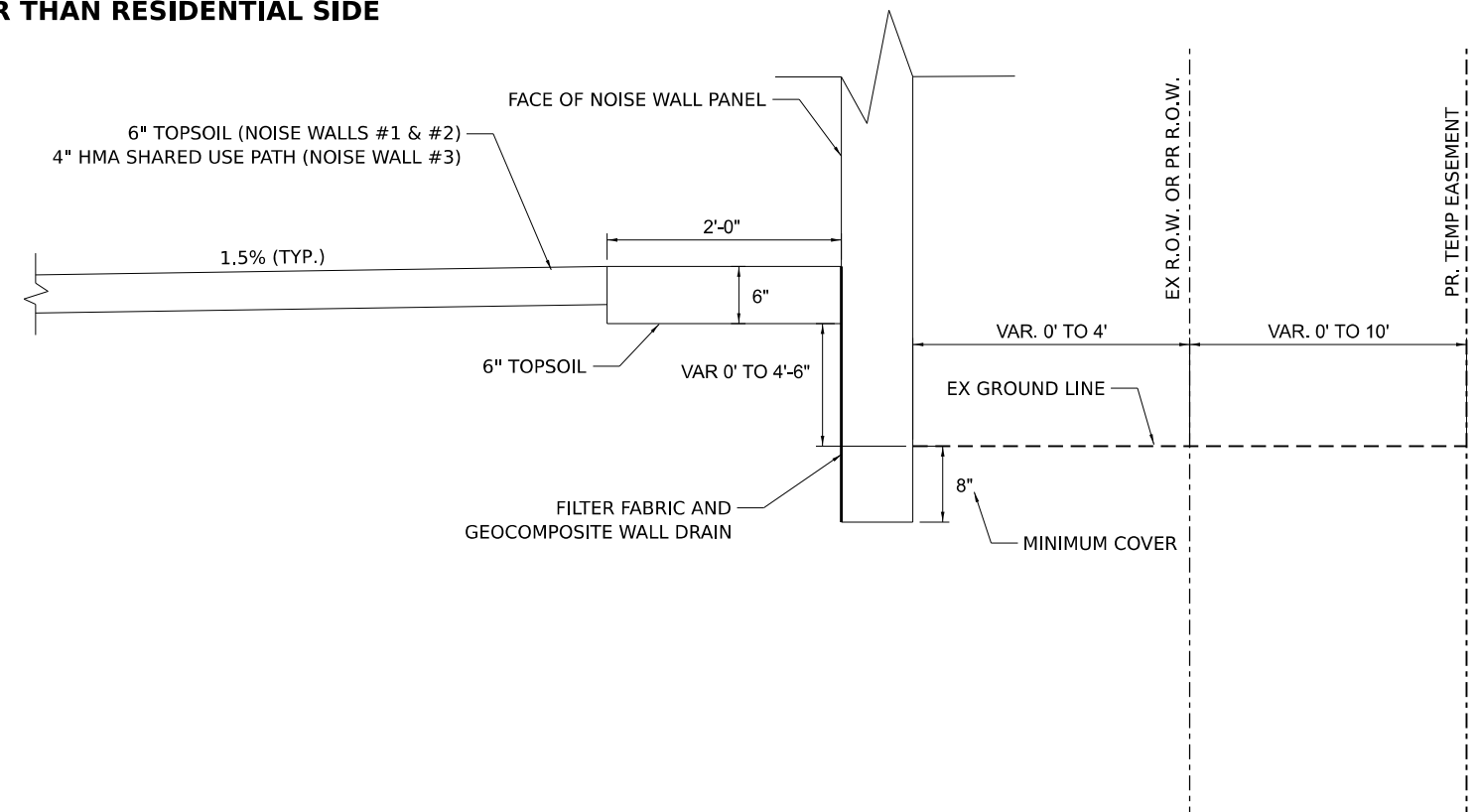
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	164
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

**NOISE WALL W/DIFFERENTIAL GRADE FROM FRONT TO BACK  
ROADWAY SIDE IS HIGHER THAN RESIDENTIAL SIDE**

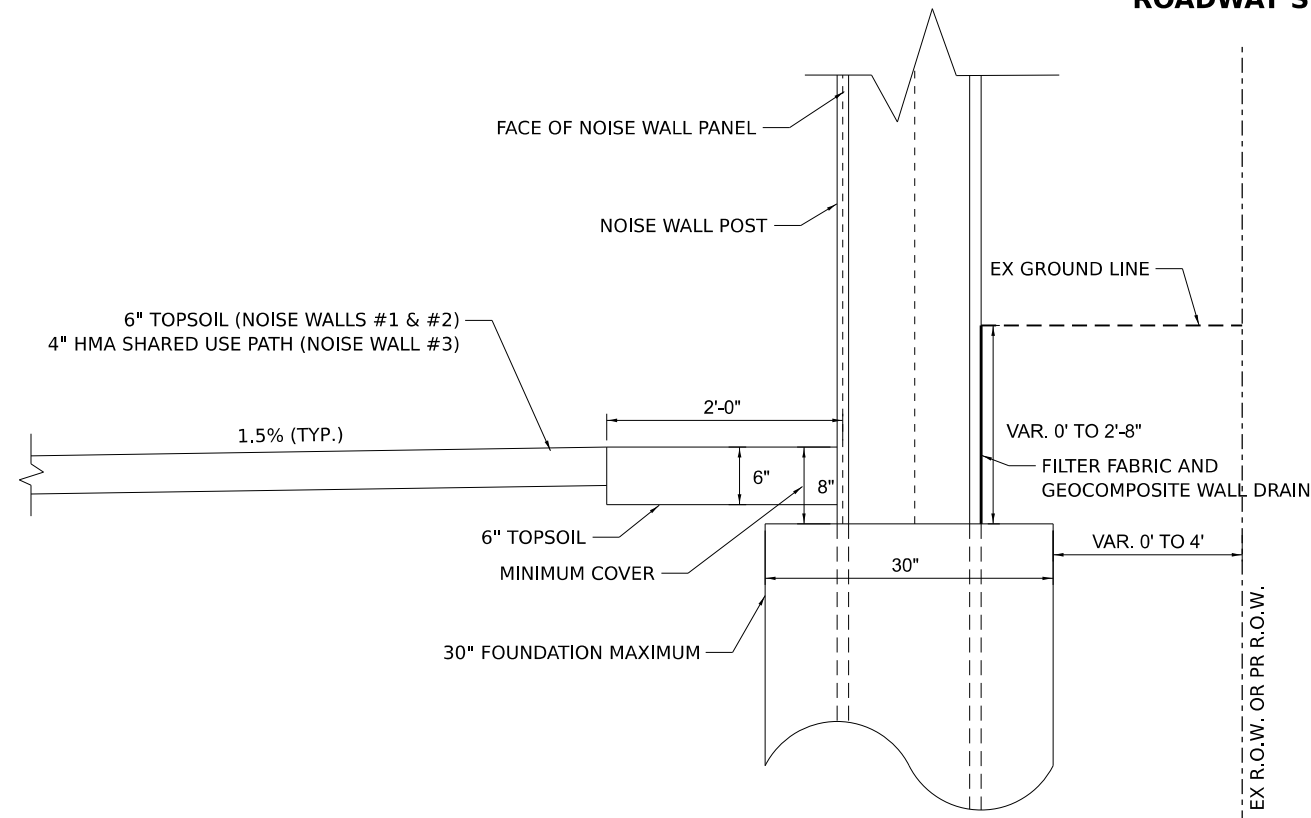


SECTION A2-A2 NOISE WALL AT POSTS  
N.T.S

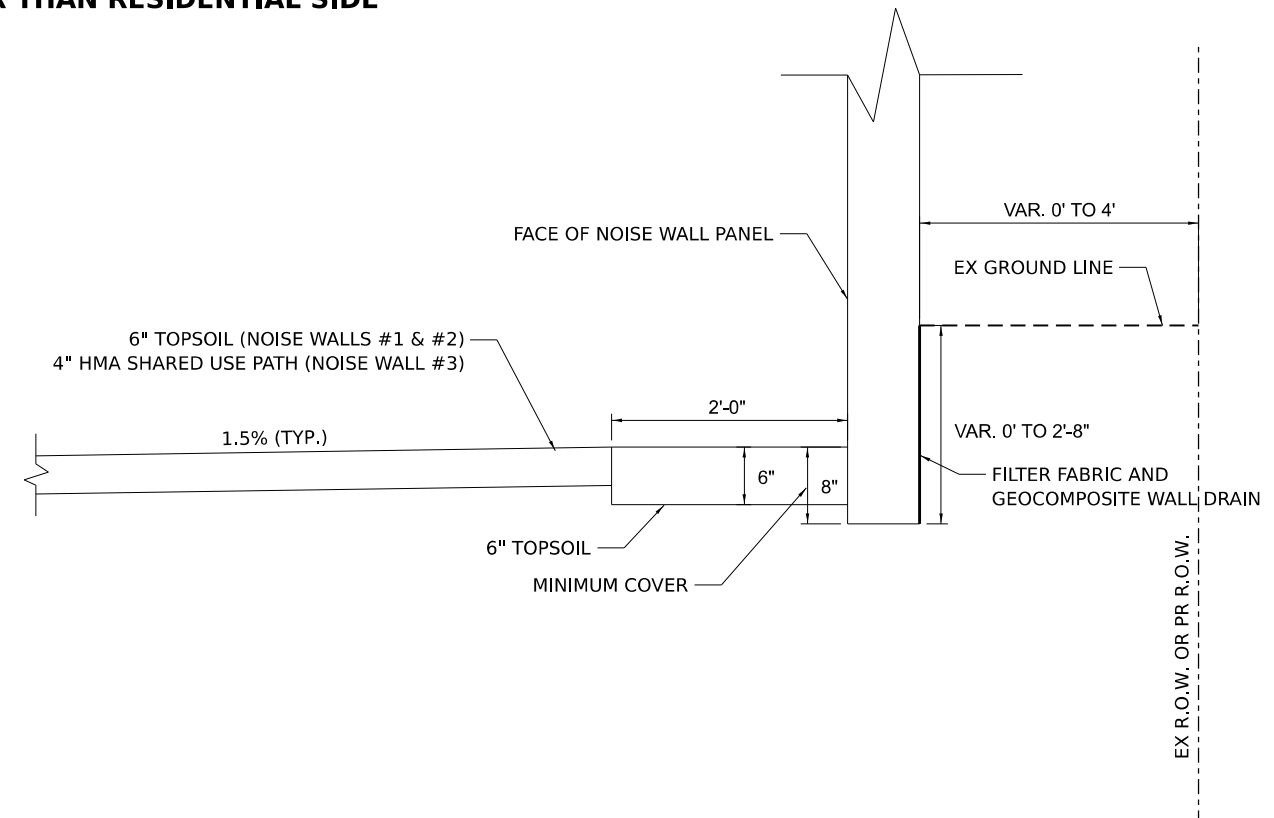


SECTION B2-B2 NOISE WALL AT PANELS  
N.T.S

**NOISE WALL W/DIFFERENTIAL GRADE FROM FRONT TO BACK  
ROADWAY SIDE IS LOWER THAN RESIDENTIAL SIDE**



SECTION A3-A3 NOISE WALL AT POSTS  
N.T.S



SECTION B3-B3 NOISE WALL AT PANELS  
N.T.S

MODEL: D:\default...  
FILE NAME: P:\2023\18180894\CAD\Drawings\2\CADD\_Sheets\180894-eh-Noise\_Details.dgn

<p><b>HAMPTON, LENZINI AND RENWICK, INC.</b> 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</p>	USER NAME = knelms	DESIGNED - KN	REVISED -
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	PLOT DATE = 1/30/2024	CHECKED - NP	REVISED -
		DATE - 6/8/23	REVISED -

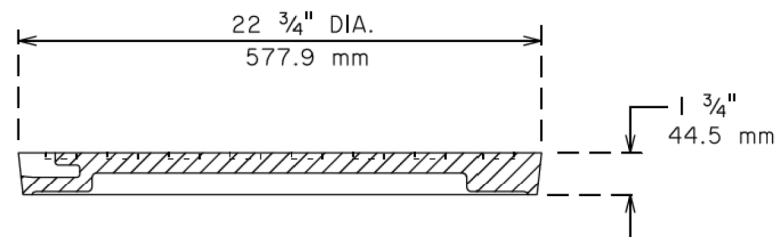
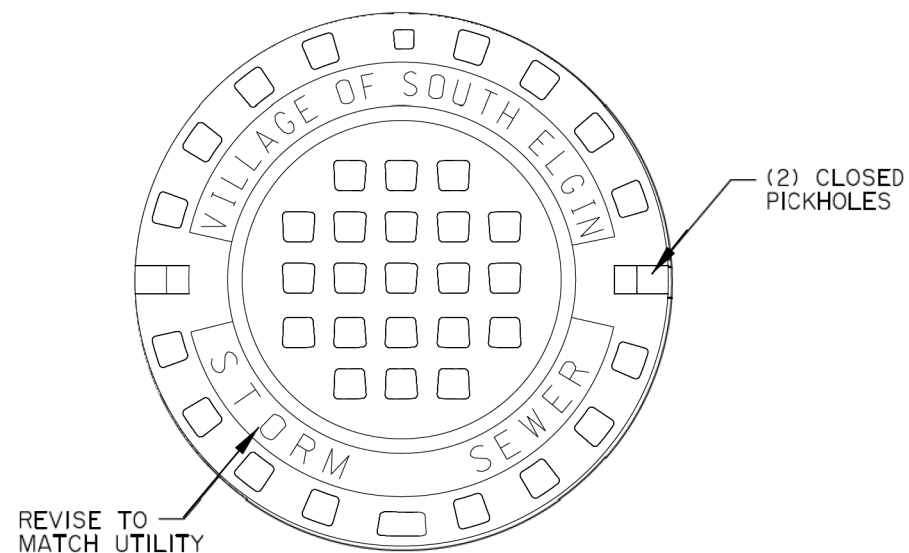
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
NOISE WALL SECTION DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	165
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

1 1/2" (38.1 mm) LETTERS  
(RECESSED FLUSH)



HEAVY DUTY  
MATERIAL ASTM A48 CL 35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS ( 56.7 kg)

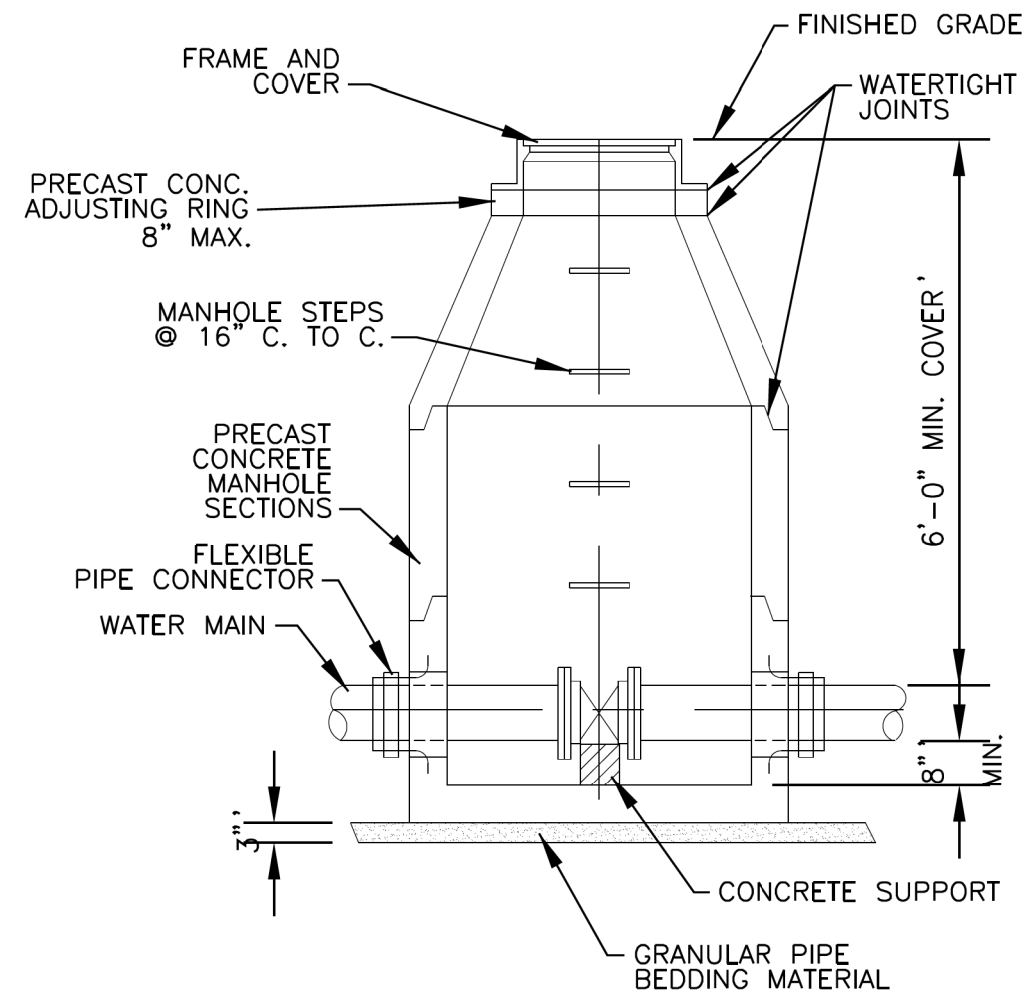
VILLAGE OF SOUTH ELGIN

**WATER VAULT,  
SANITARY AND STORM SEWER MANHOLE COVER**

REV 09-09-14  
NOT TO SCALE

**NOTES:**

1. CONCENTRIC CONE REQUIRED
2. USE 4'-0" DIAMETER FOR WATER MAIN SIZES 4" THRU 8" 5'-0" FOR SIZES 10" AND GREATER



**STANDARD VALVE VAULT DETAIL**

REV 09-09-14  
NOT TO SCALE

MODEL: V041  
FILE NAME: P:\2018\180894\cad\phases 2\CADD\_Sheets\180894-shr-deta116.dgn

9/11/2014 \\corfbboxwood.com\Projects\CrystalLake\SEL\CV\40480-1\115.dwg Details\CADD\Details\_01.dwg

5/24/2021 L:\Bentley\Valent\Standards\SouthElgin\SEL\CV\Details\_04-06-21.dgn

**HAMPTON, LENZINI AND RENWICK, INC.**  
390 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000959

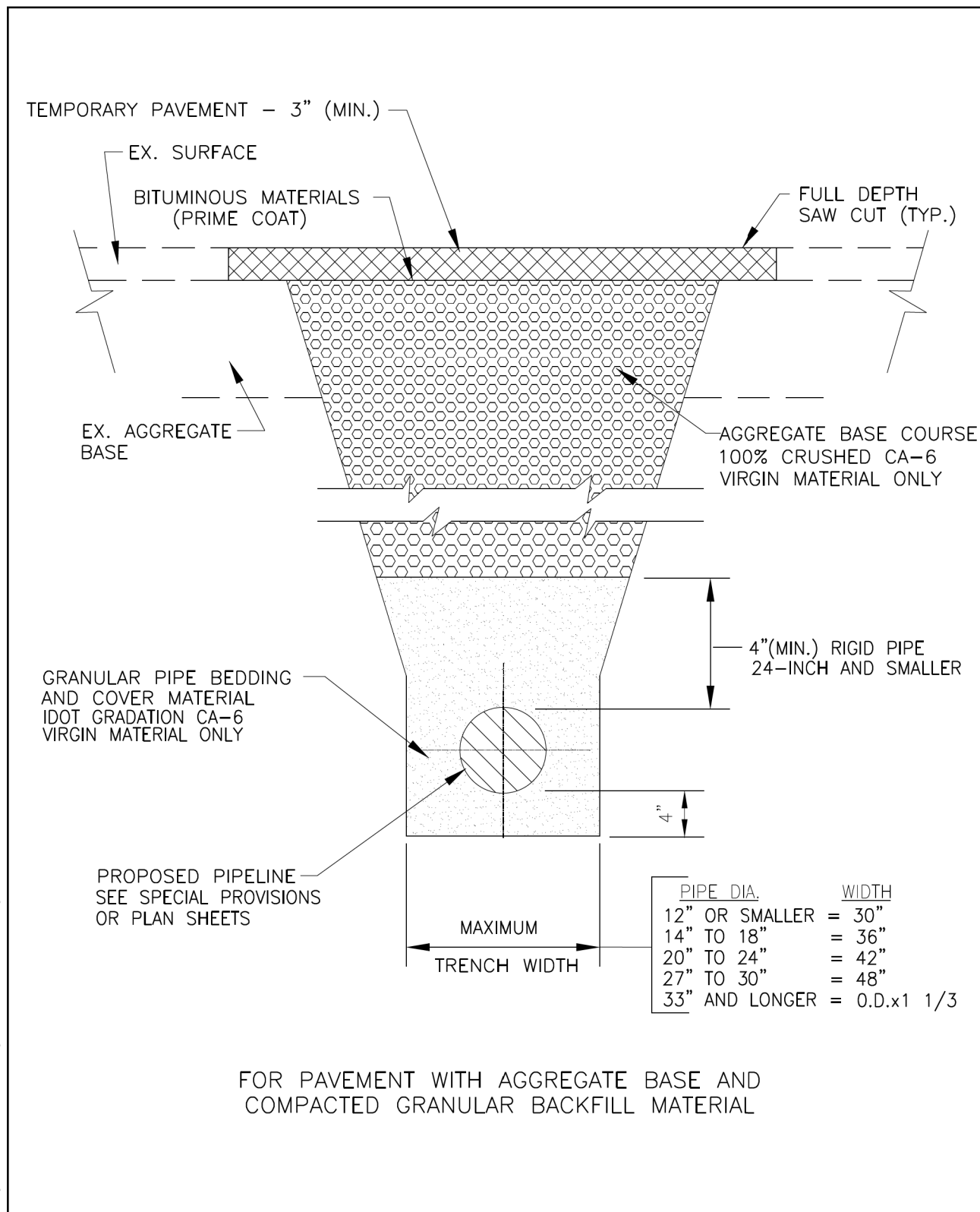
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DRAWN	SS	REVISIONS		REVISED	-
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PLOT DATE	= 1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
VILLAGE OF SOUTH ELGIN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	166
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



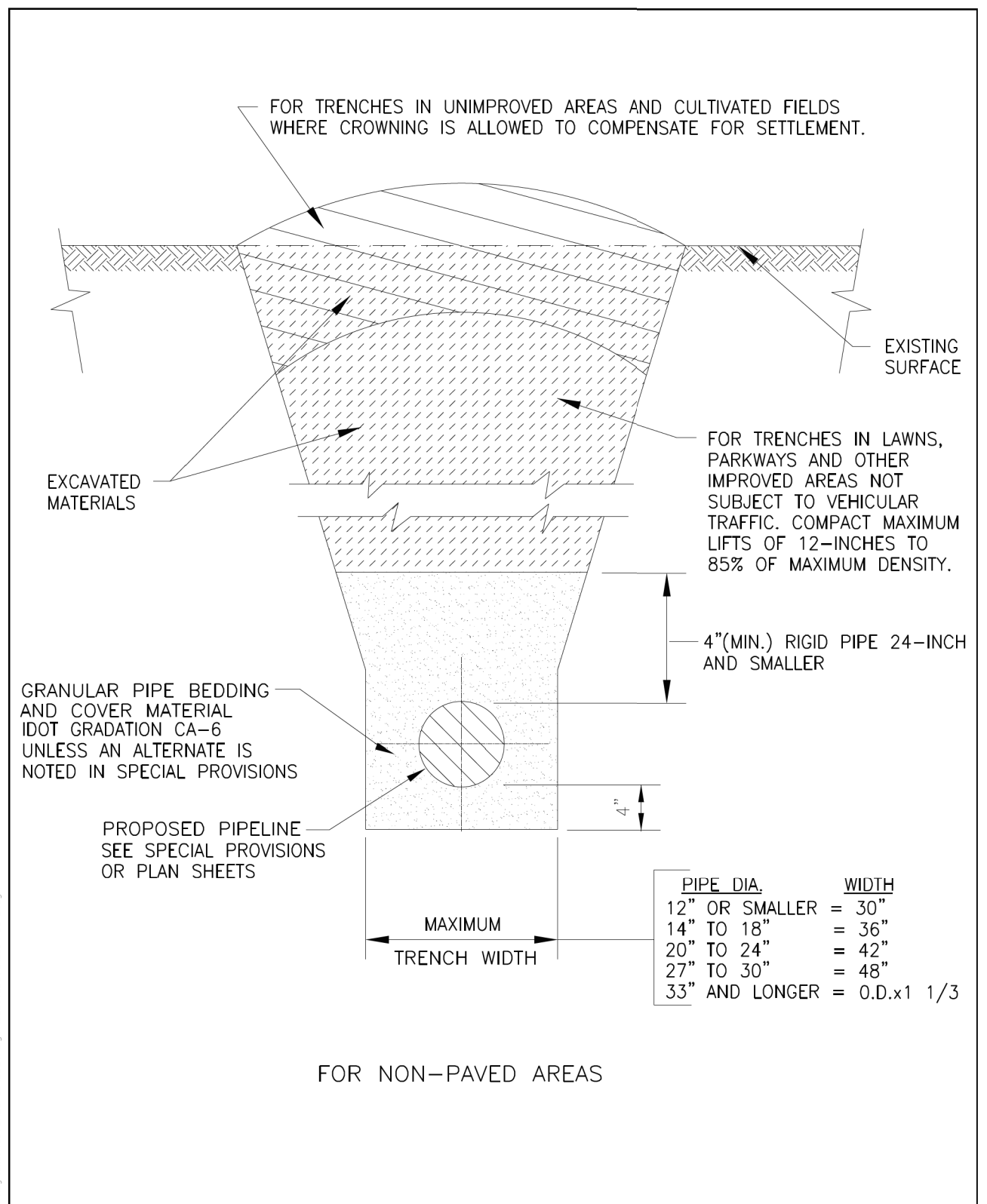
FOR PAVEMENT WITH AGGREGATE BASE AND COMPACTED GRANULAR BACKFILL MATERIAL

PIPE DIA.	WIDTH
12" OR SMALLER	= 30"
14" TO 18"	= 36"
20" TO 24"	= 42"
27" TO 30"	= 48"
33" AND LONGER	= O.D.x1 1/3



**TYPICAL WATER MAIN TRENCH DETAIL**

REV 01/01/14  
NOT TO SCALE



FOR NON-PAVED AREAS

PIPE DIA.	WIDTH
12" OR SMALLER	= 30"
14" TO 18"	= 36"
20" TO 24"	= 42"
27" TO 30"	= 48"
33" AND LONGER	= O.D.x1 1/3



**TYPICAL WATER MAIN TRENCH DETAIL**

REV 01/01/14  
NOT TO SCALE

MODEL: 1/24/2021 FILE: 180894.dwg USER: kme/ks

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L:\Bentley\client\SouthElgin\SEL.GV\_Details\_04-06-21.dgn

**HAMPTON, LENZINI AND RENWICK, INC.**  
390 SHEPARD DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000999

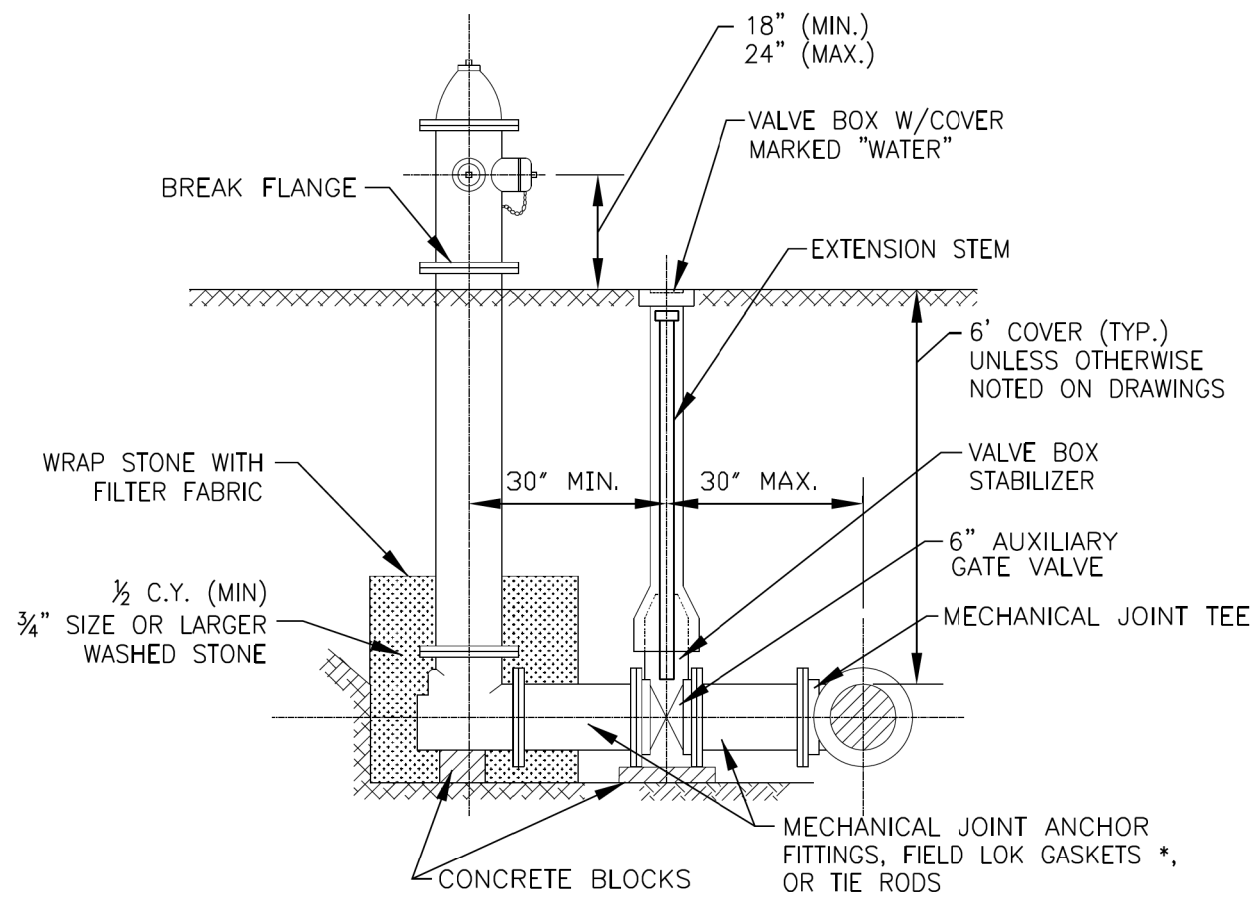
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PLOT SCALE	100,0000' / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
VILLAGE OF SOUTH ELGIN DETAILS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	167
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

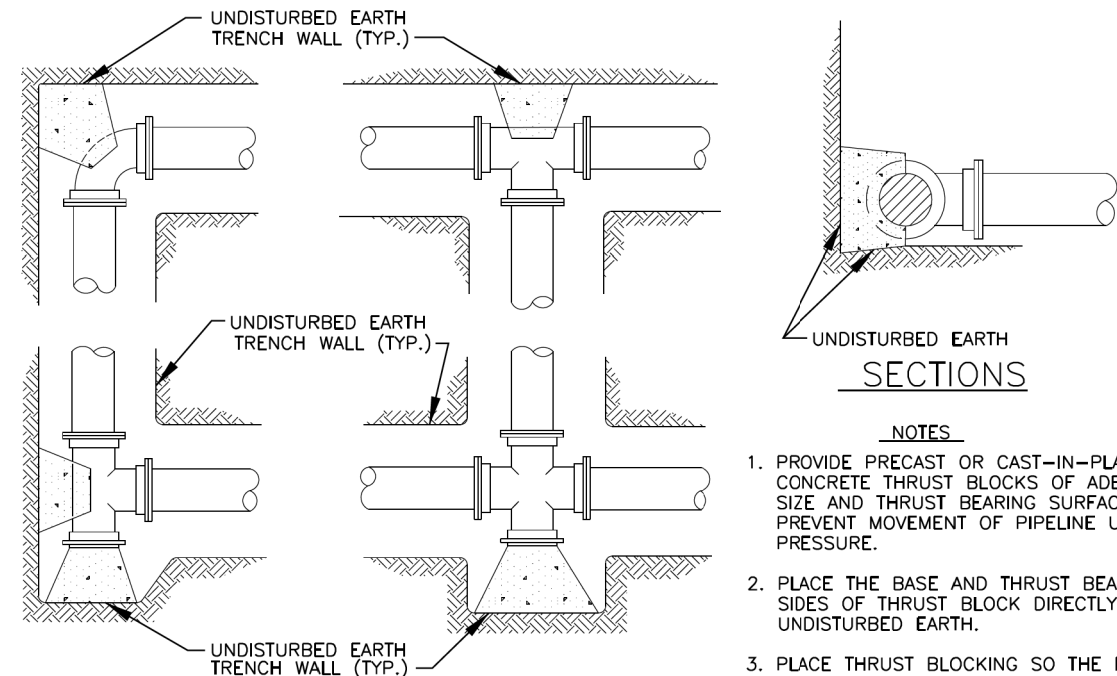


\* NOTE: MECHANICAL JOINT FITTINGS ARE NOT REQUIRED WHERE FIELD LOK GASKETS ARE UTILIZED.



**FIRE HYDRANT INSTALLATION**

REV 01/01/14  
NOT TO SCALE



PLANS

TYPICAL THRUST BLOCK INSTALLATIONS

NO SCALE



**TYPICAL THRUST BLOCK INSTALLATION**

REV 01/01/14  
NOT TO SCALE

MODEL: 1/24/2021 FILE NAME: P:\2018\180894\CADD\_Sheets\180894-dht-deta\hfd.dgn

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5/24/2021 L:\Bentley\client\Standard\SouthElgin\SELDV\_Det\hfd.dgn

<b>HAMPTON, LENZINI AND RENWICK, INC.</b> 910 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	USER NAME = knelmms	DESIGNED - KN	REVISED -
	PLOT SCALE = 1/100,000' / in.	DRAWN - SS	REVISED -
	DATE = 1/30/2024	CHECKED - NP	REVISED -
		DATE - 6/8/23	REVISED -

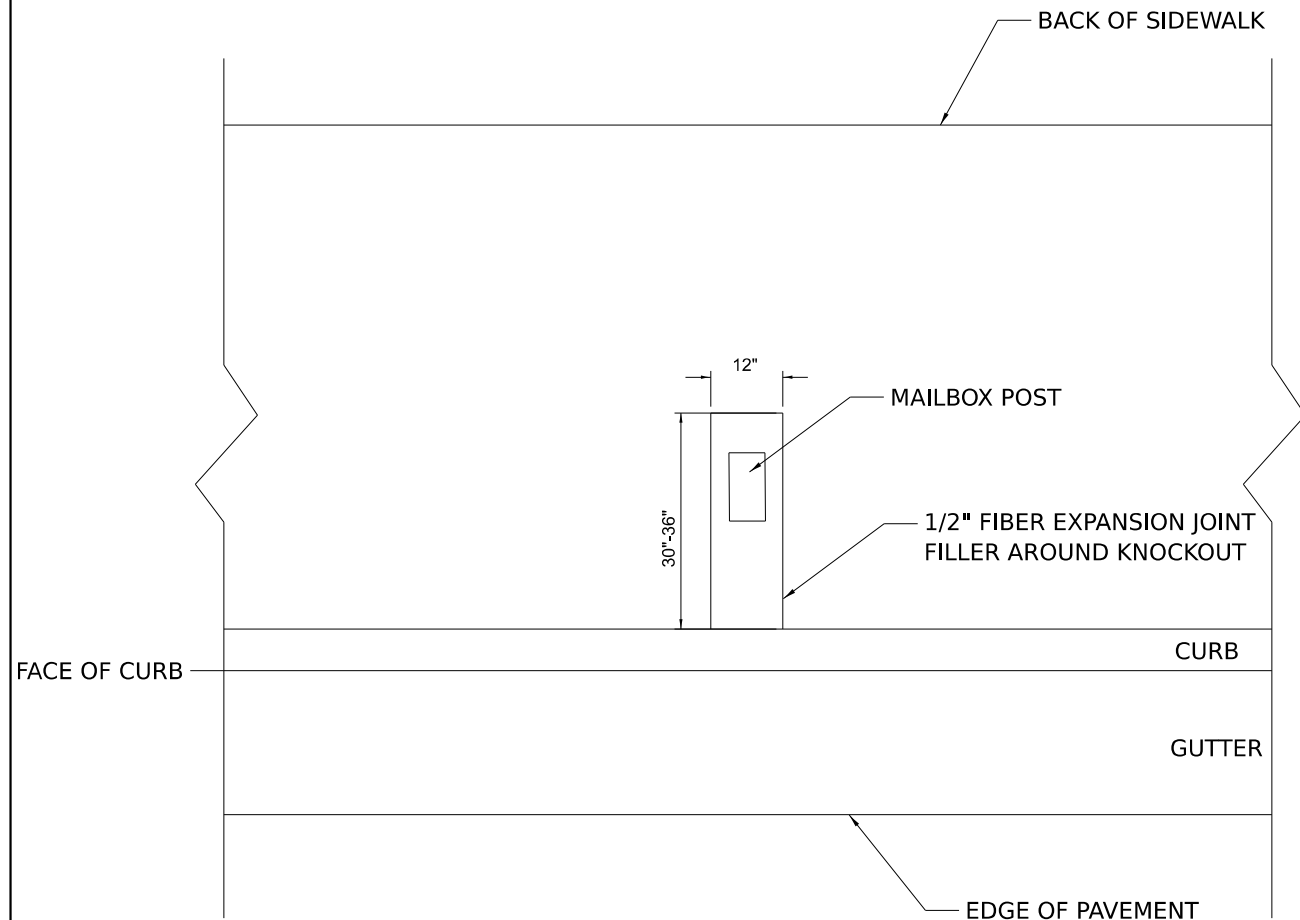
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
VILLAGE OF SOUTH ELGIN DETAILS**

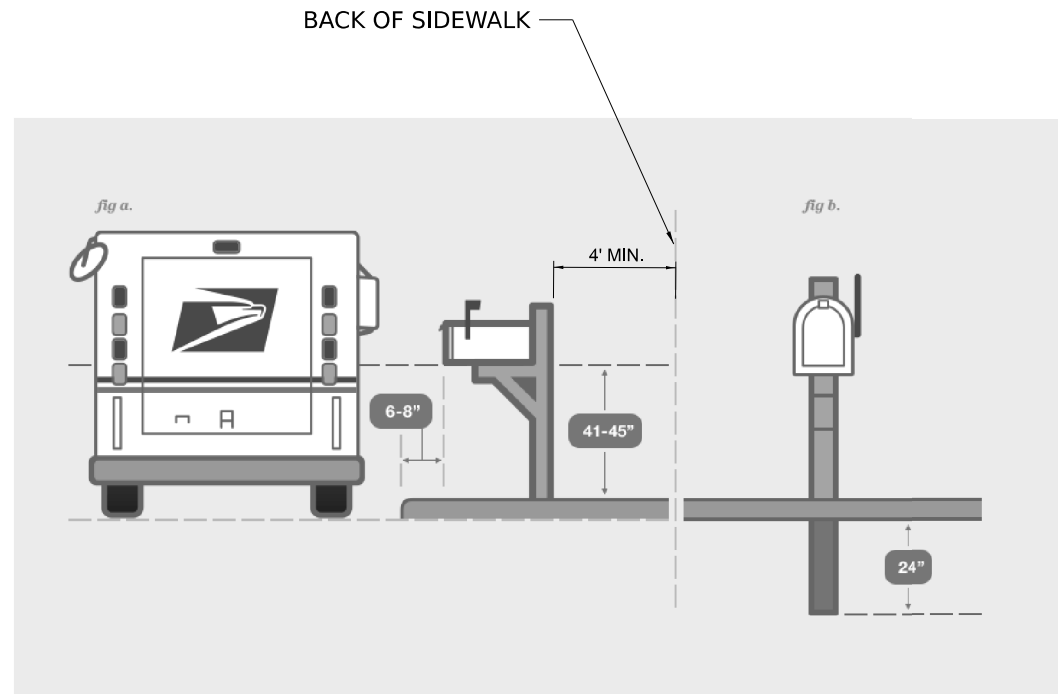
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	168
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

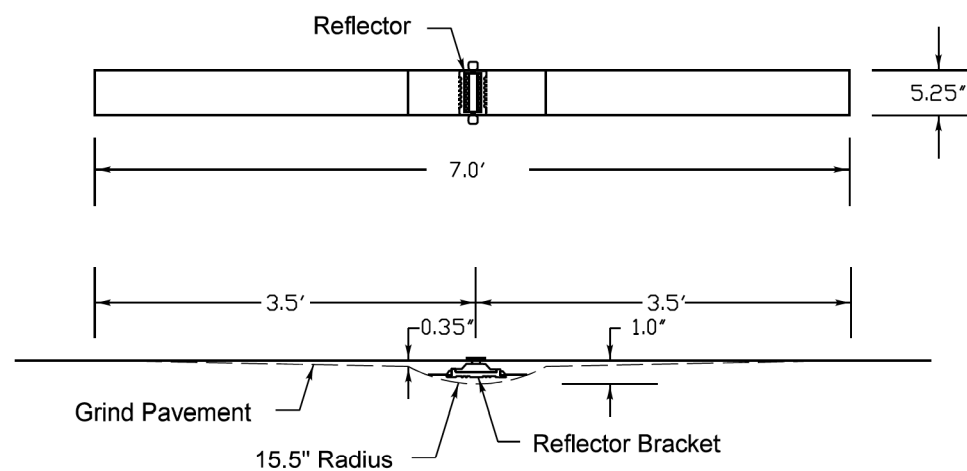




**PLAN**

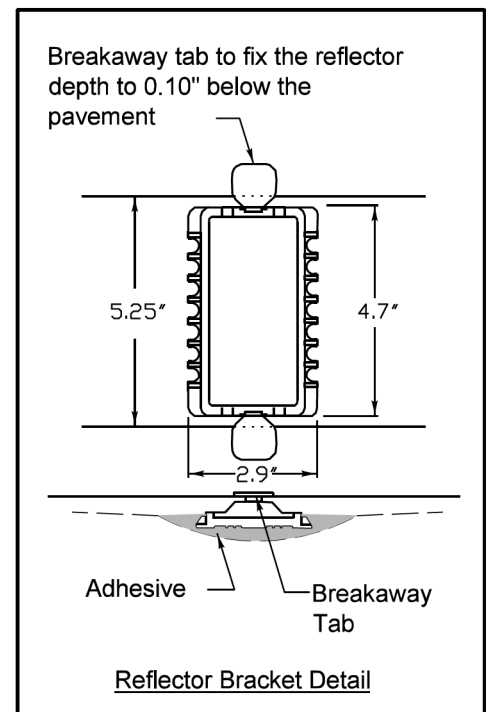


**PROFILE**



**Notes**

1. The reflective pavement marker lens shall be a prismatic lens with abrasion-resistant coating. The lens shall provide both wet and dry reflectivity.
2. The reflector bracket shall be made of polycarbonate.
3. The adhesive used shall meet the requirements of AASHTO M237 specification for adhesives to be used in cementing to pavement surfaces.
4. Markers shall be placed according to IDOT Highway Standard 781001



**RECESSED REFLECTIVE PAVEMENT MARKER**

MODEL: r16/16s/Reflective  
 FILE NAME: P:\2023\180894\CAD\Drawings\2\CADD\_Sheets\180894-ahr-detail.rvt.dgn  
 HAMPTON, LENZINI AND RENWICK, INC.  
 390 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000595

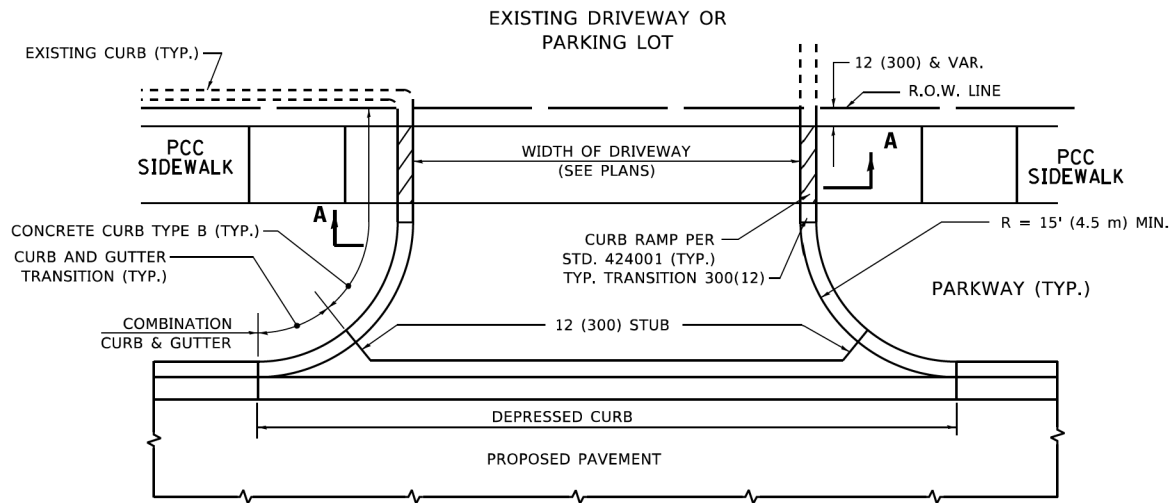
<b>HAMPTON, LENZINI AND RENWICK, INC.</b> 390 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000595	USER NAME = knelms PLOT SCALE = 100,0000' / in. PLOT DATE = 1/30/2024	DESIGNED - KN DRAWN - SS CHECKED - NP DATE - 6/8/23	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

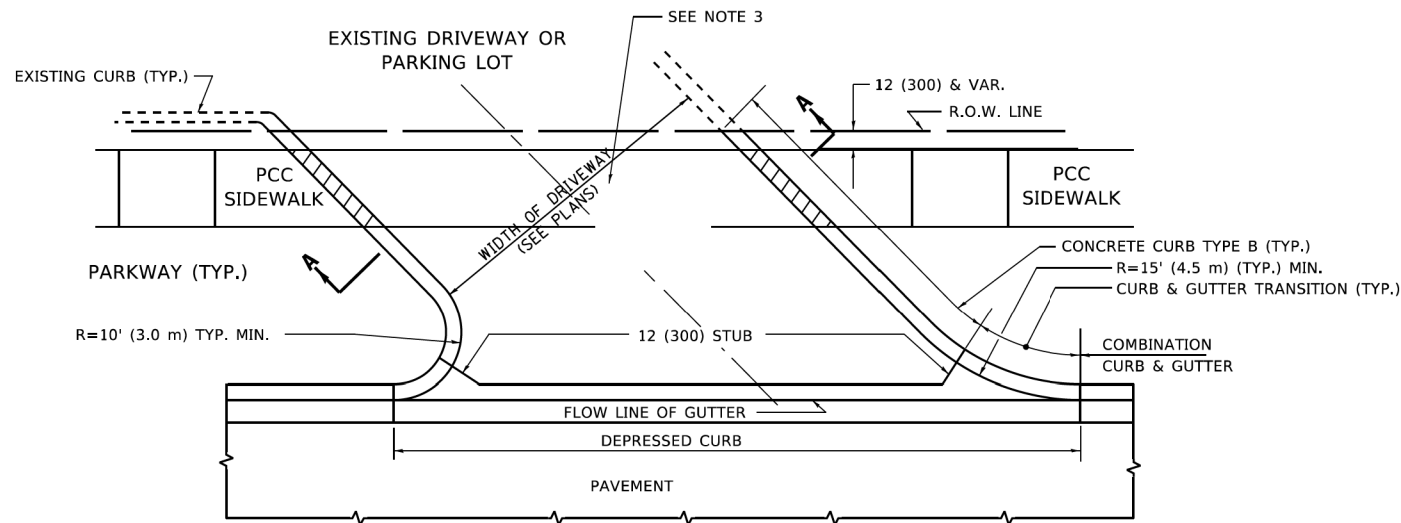
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

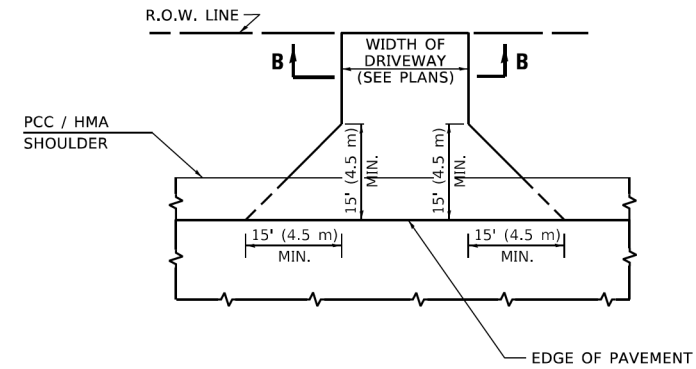
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	169
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



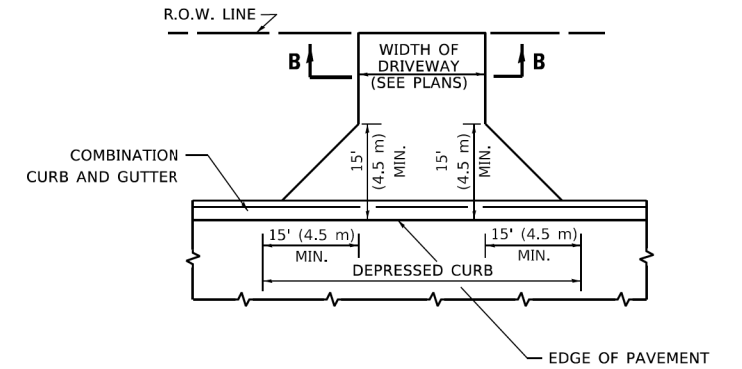
**WITH CONCRETE CURB, TYPE B**



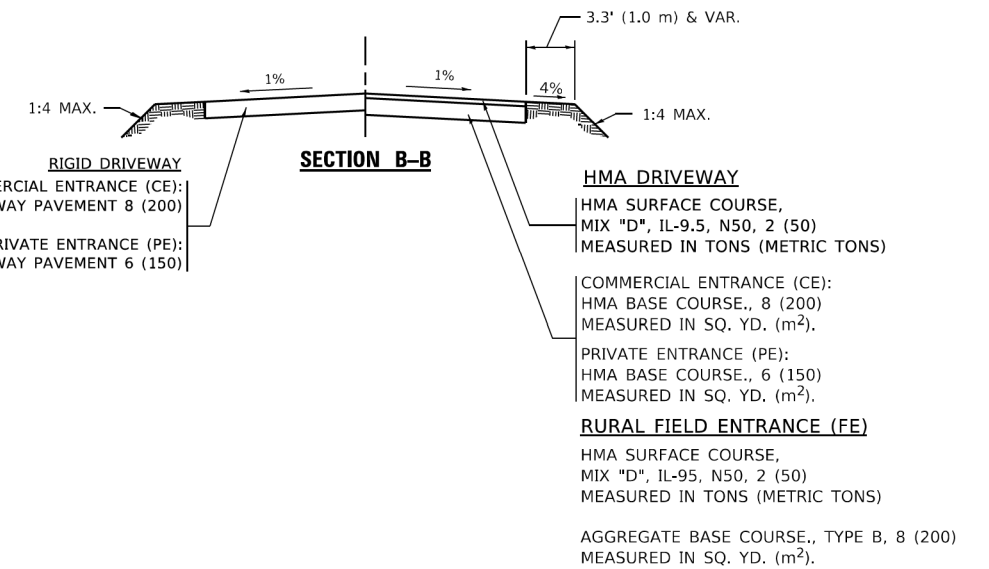
**WITH CONCRETE CURB, TYPE B**



**ADJACENT TO PCC / HMA SHOULDER**

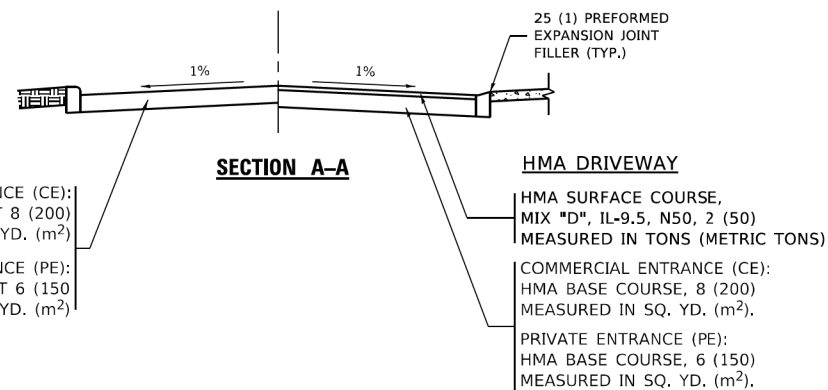


**ADJACENT TO CURB AND GUTTER**



**GENERAL NOTES**

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

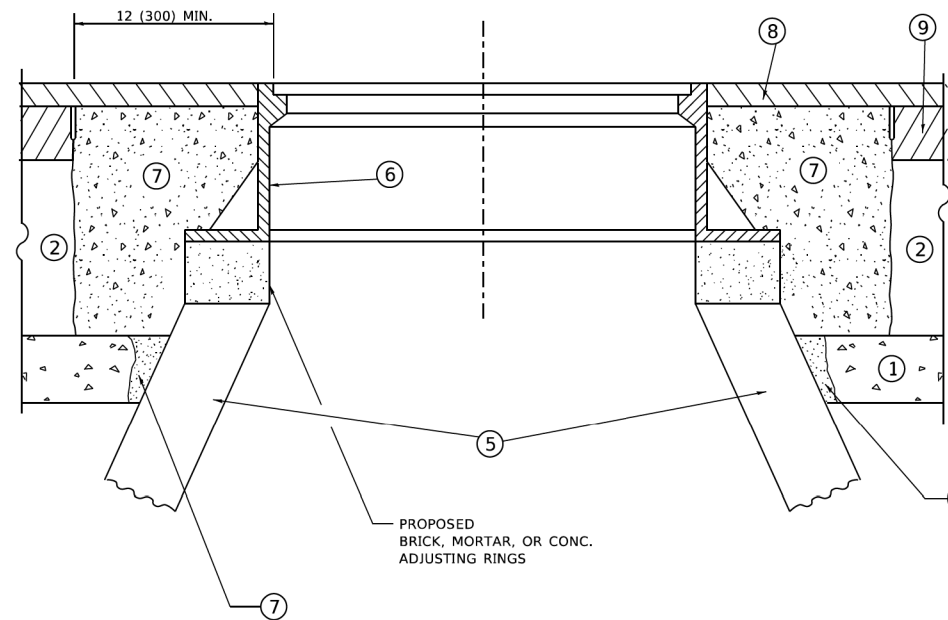
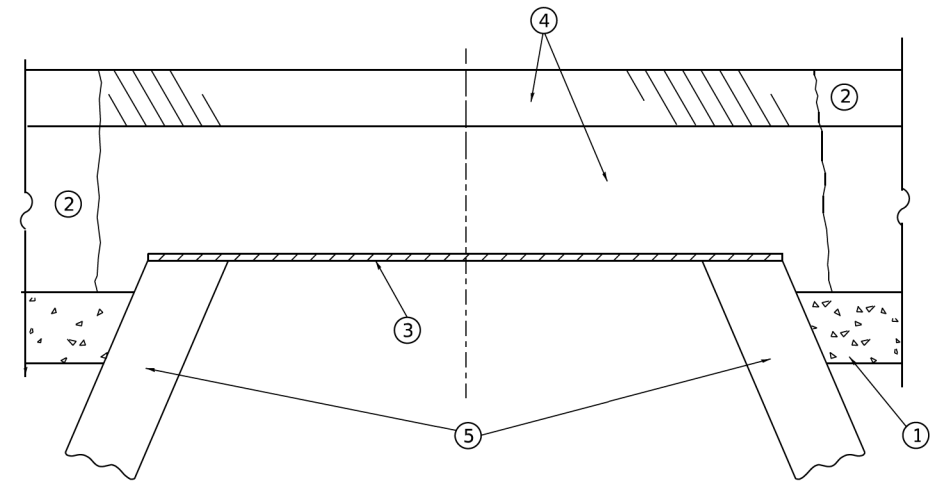
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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 08-28-19
PLOT DATE = 11/18/2022	DATE - 11-04-95	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB &amp; EDGE OF SHOULDER ≥ 15'(4.5m)</b>			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	170
<b>BD400-01 (BD-01)</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT  
WITH MILLING**

**NOTES**

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- |  |                               |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-2* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**LOCATION OF STRUCTURES**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT**

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default  
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	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

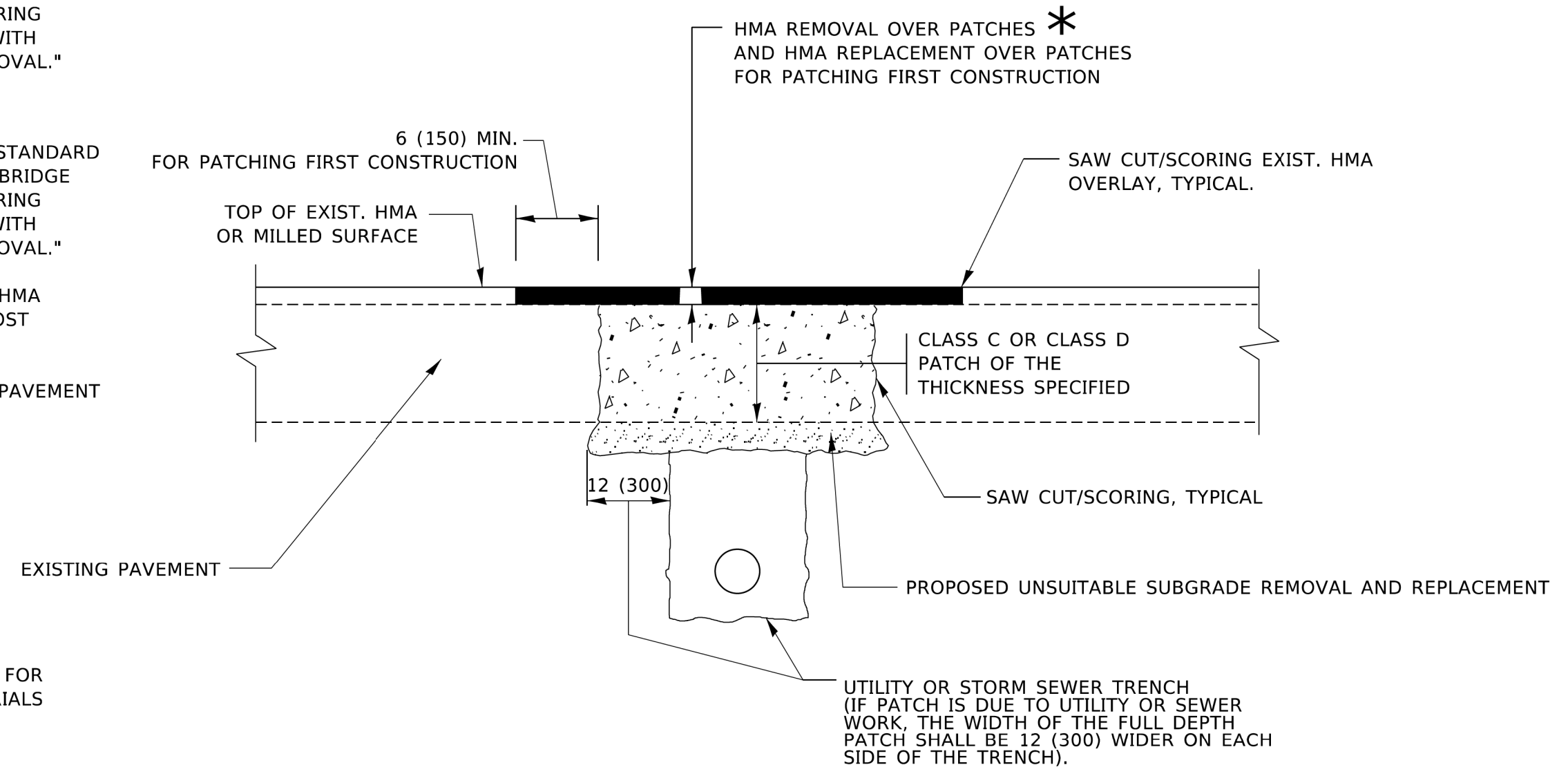
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	171
BD600-03 (BD-08)		CONTRACT NO.	6165	
ILLINOIS FED. AID PROJECT				

**METHOD OF MEASUREMENT**

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

**BASIS OF PAYMENT**

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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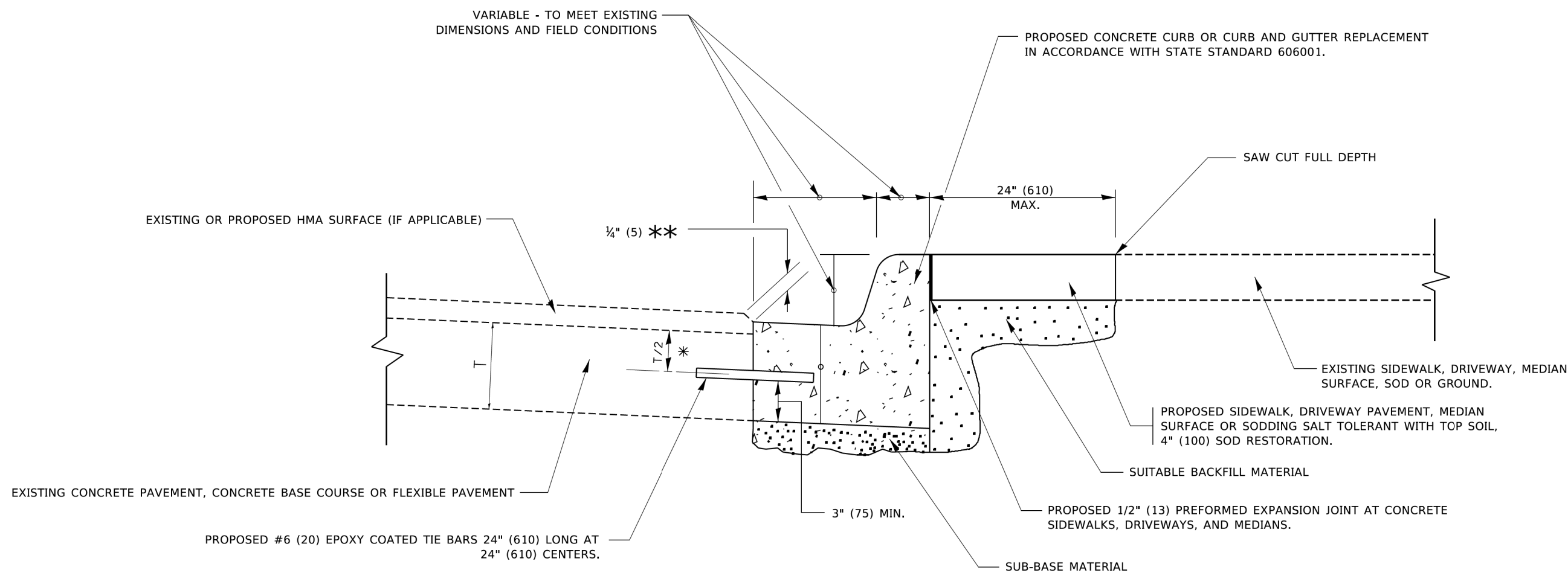
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	172
BD400-04 (BD-22)			CONTRACT NO.	61J65
ILLINOIS FED. AID PROJECT				



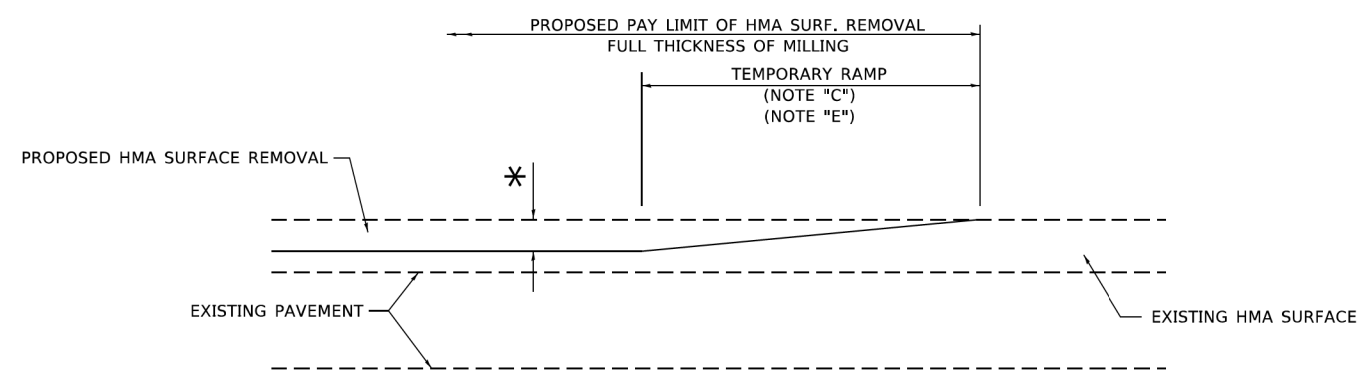
\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

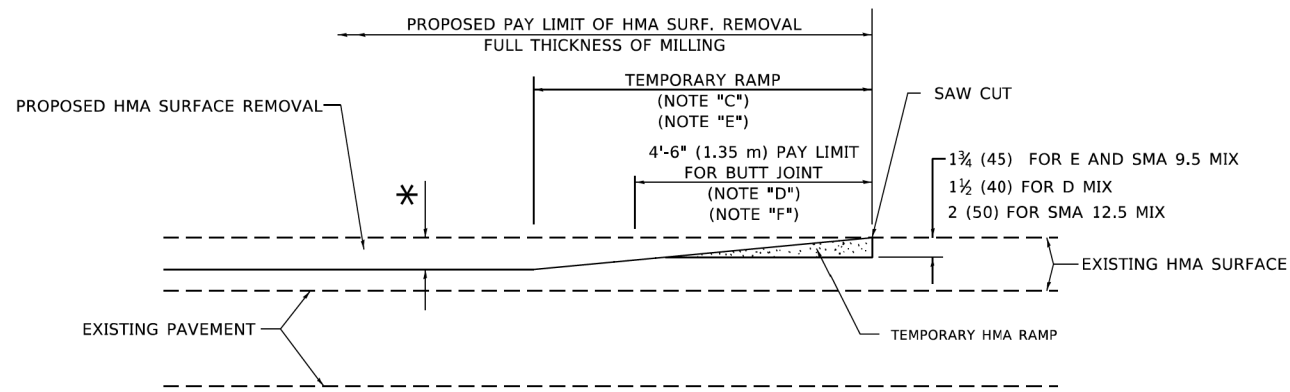
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	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09					<b>BD600-06 (BD-24)</b>			CONTRACT NO. 61J65	
	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19					SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



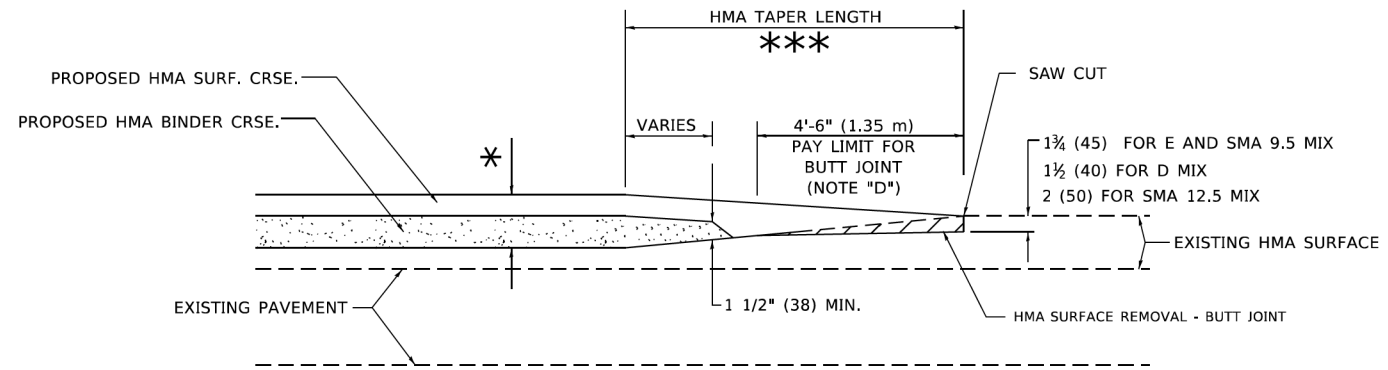
**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**



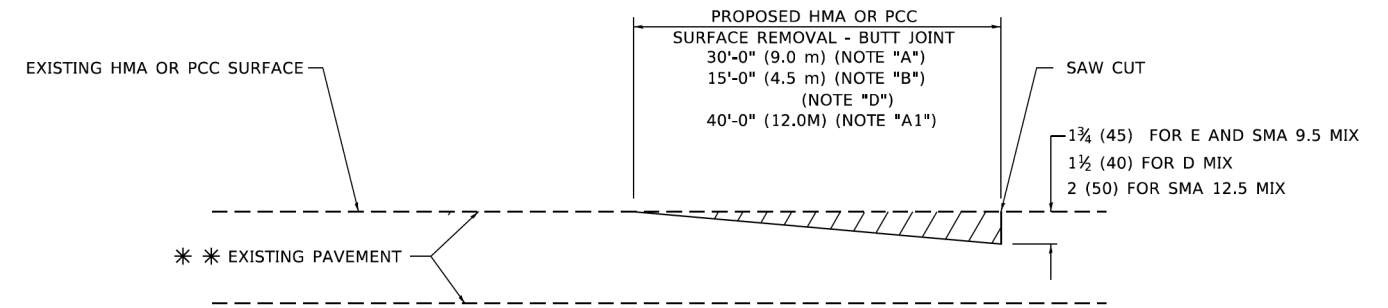
**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**  
**TYPICAL TEMPORARY RAMP**

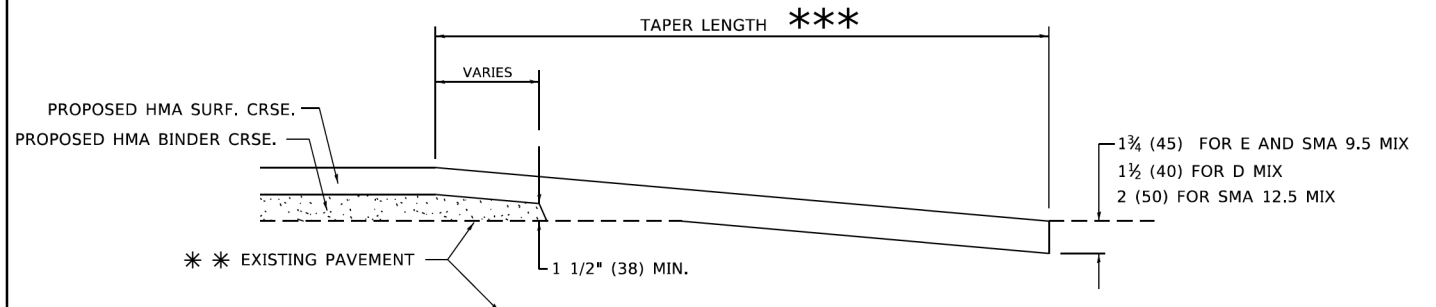


**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**GENERAL NOTES**

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

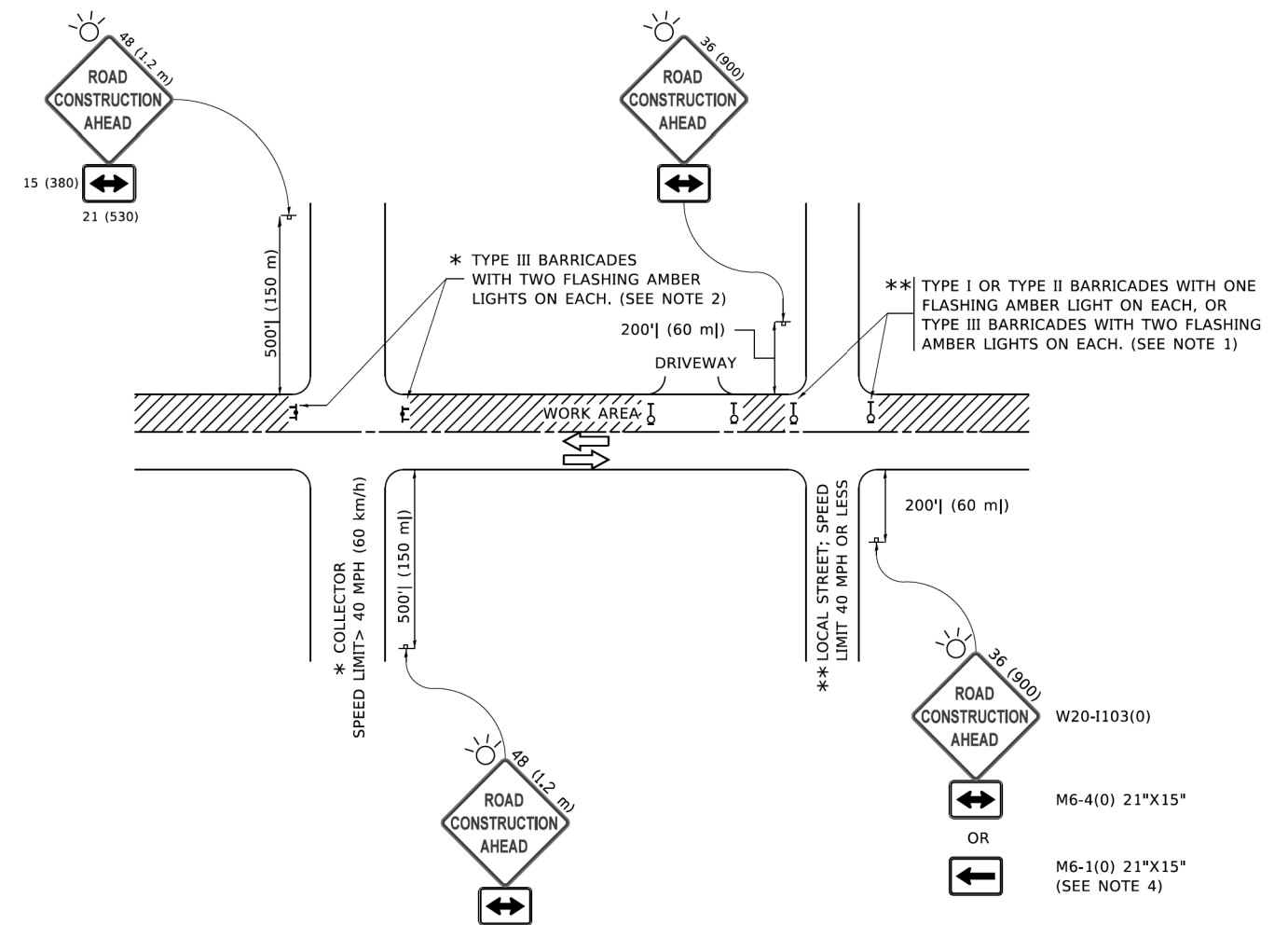
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USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	174
<b>BD400-05 BD-32</b>		CONTRACT NO. 61j65		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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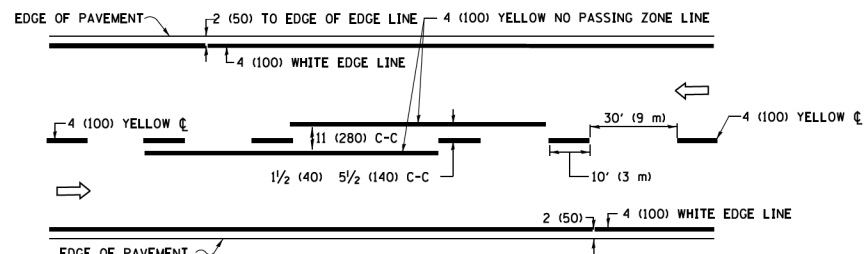
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

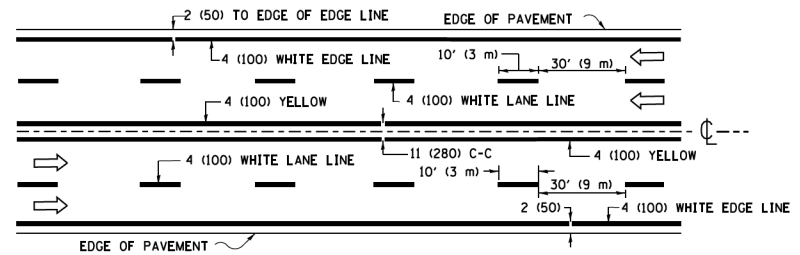
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

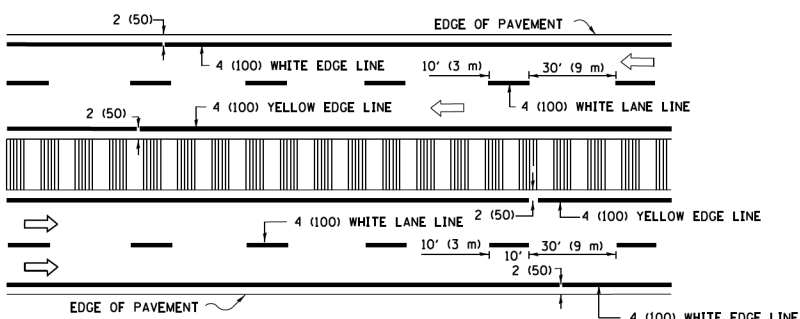
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2509	18-00050-00-PV	KANE	258	175
<b>TC-10</b>			CONTRACT NO. 61J65	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

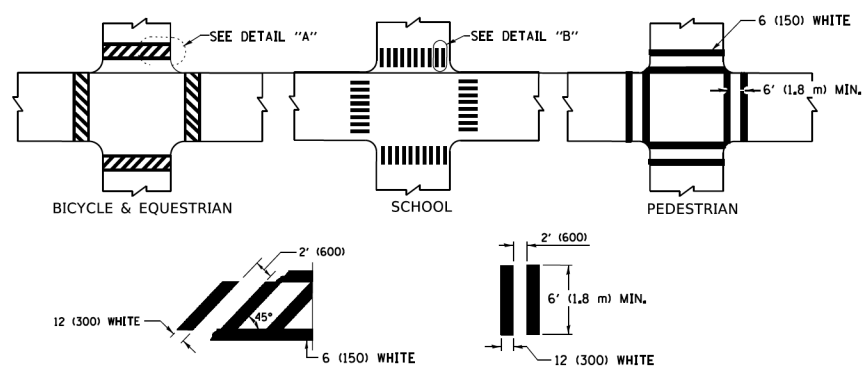


**MULTI-LANE UNDIVIDED**



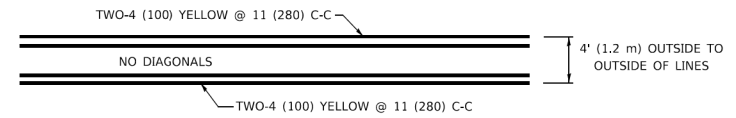
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

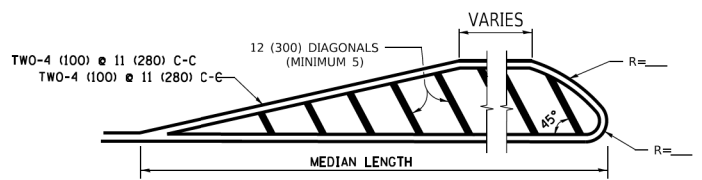


**TYPICAL CROSSWALK MARKING**

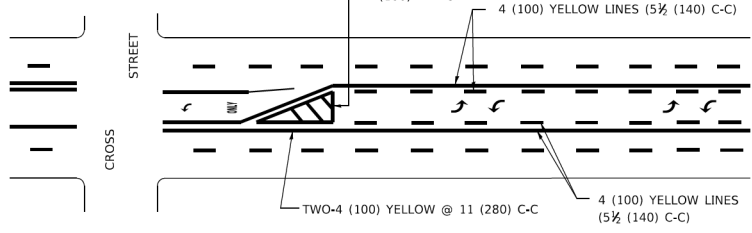
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



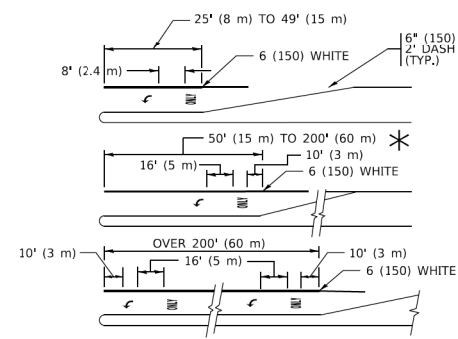
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**

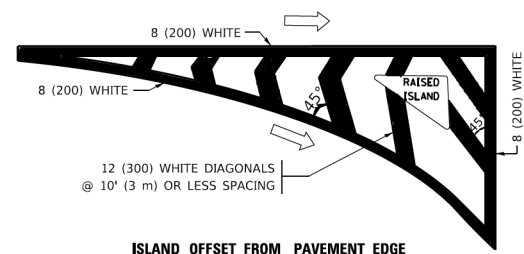


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

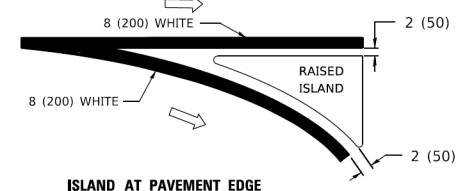


**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

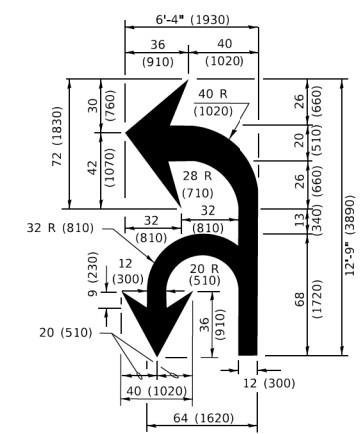


**ISLAND OFFSET FROM PAVEMENT EDGE**

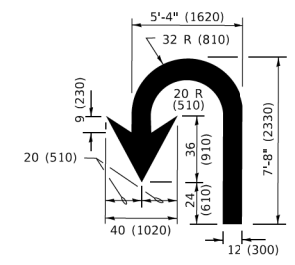


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) @ 45° 2' (600) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> EACH) "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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DRAWN -	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.00000 ' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

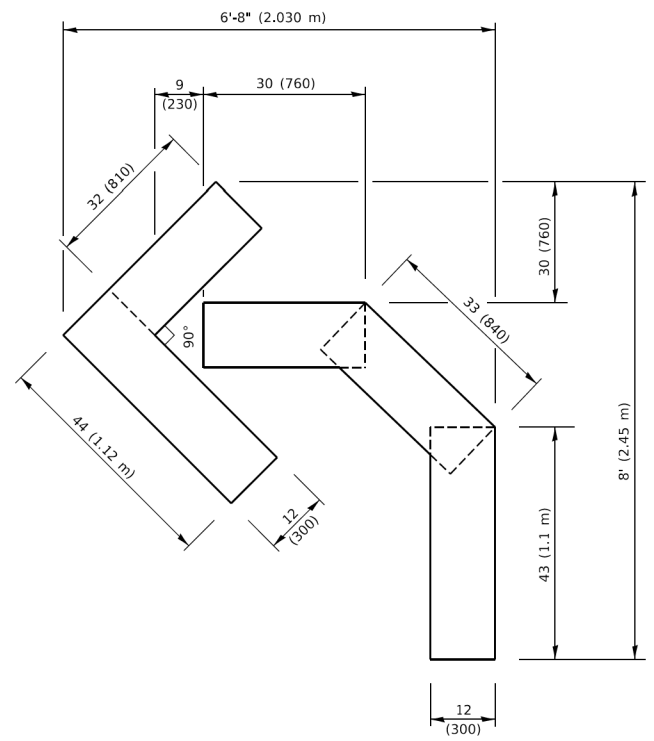
**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.
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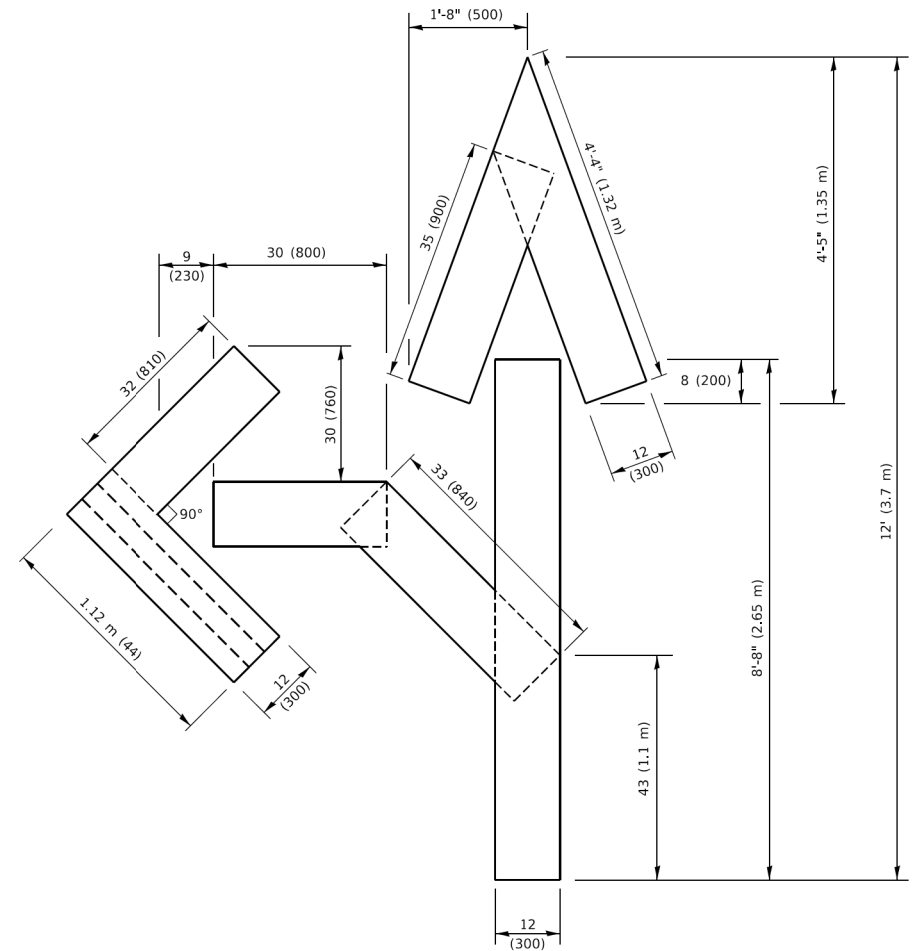
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	176
TC-13		CONTRACT NO. 61J65		
ILLINOIS		FED. AID PROJECT		



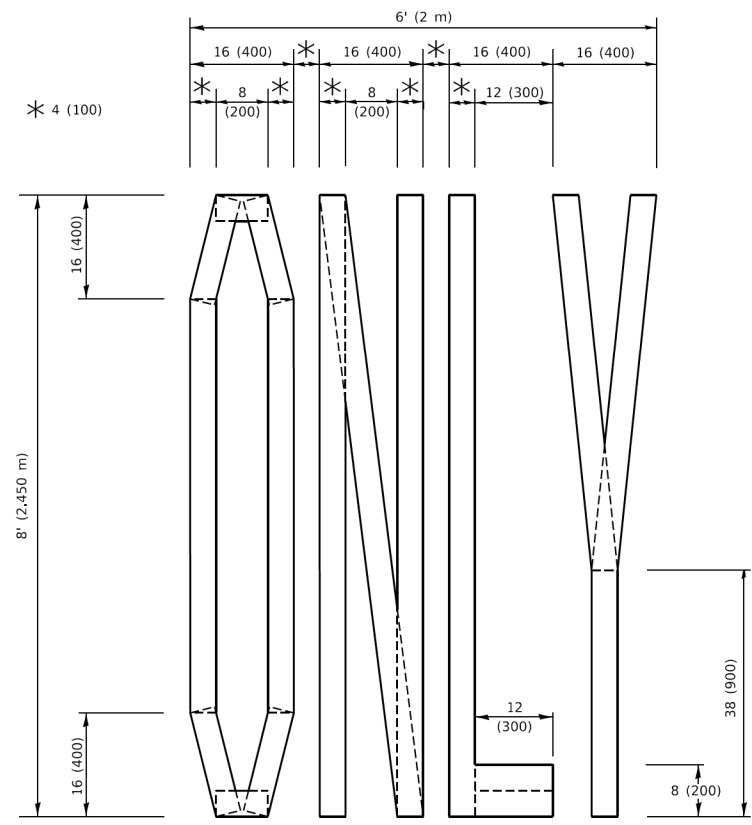




**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

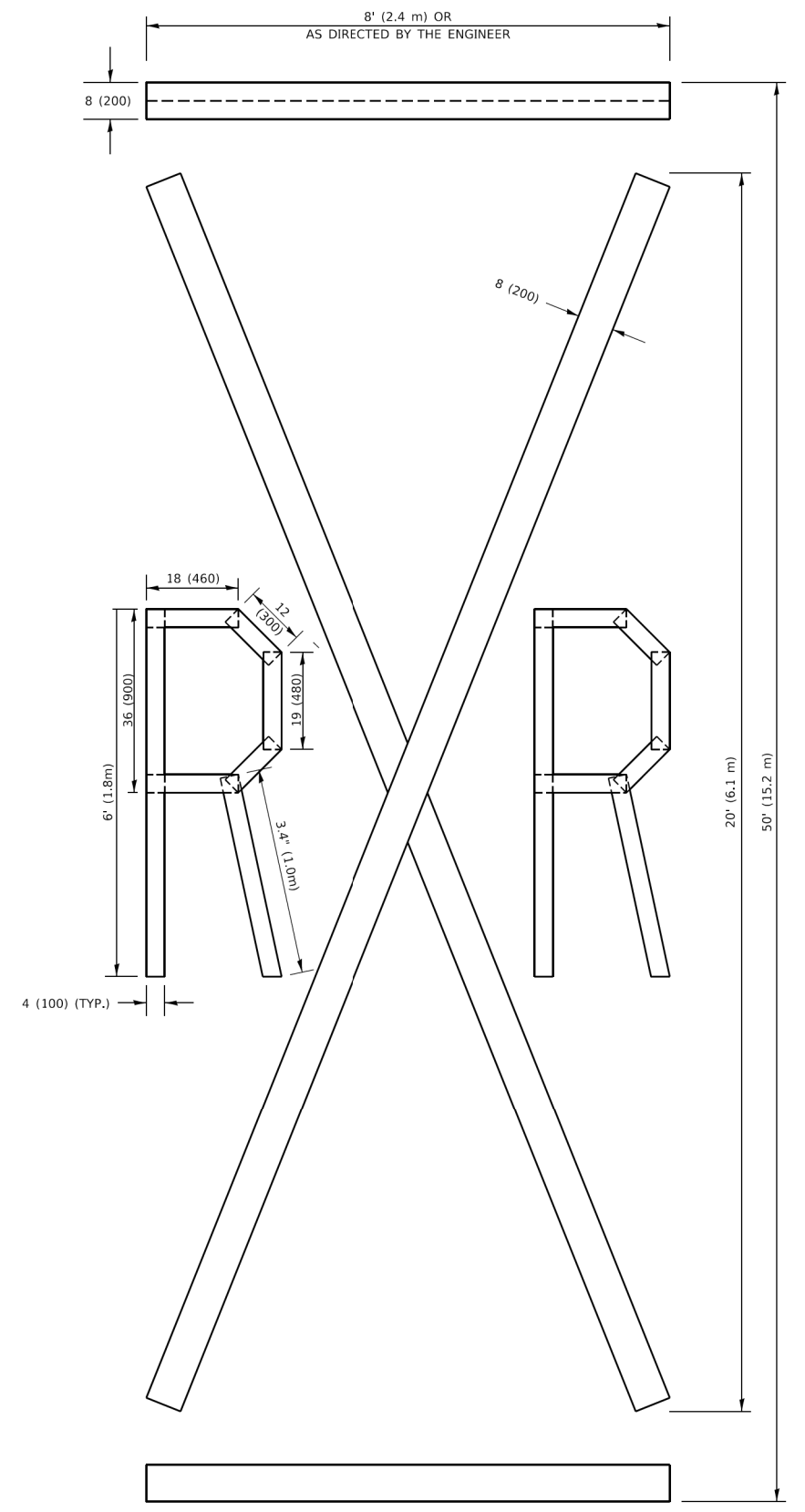


**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)



**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

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

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USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068 "/td> <td>CHECKED -</td> <td>REVISED - E. GOMEZ 08-28-00</td>	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	178
<b>TC-16</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				

**ROUTE MARKERS**

FOR U.S. ROUTES  
M1-40-2424

FOR ILLINOIS ROUTES  
M1-50-2424

R.R. UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

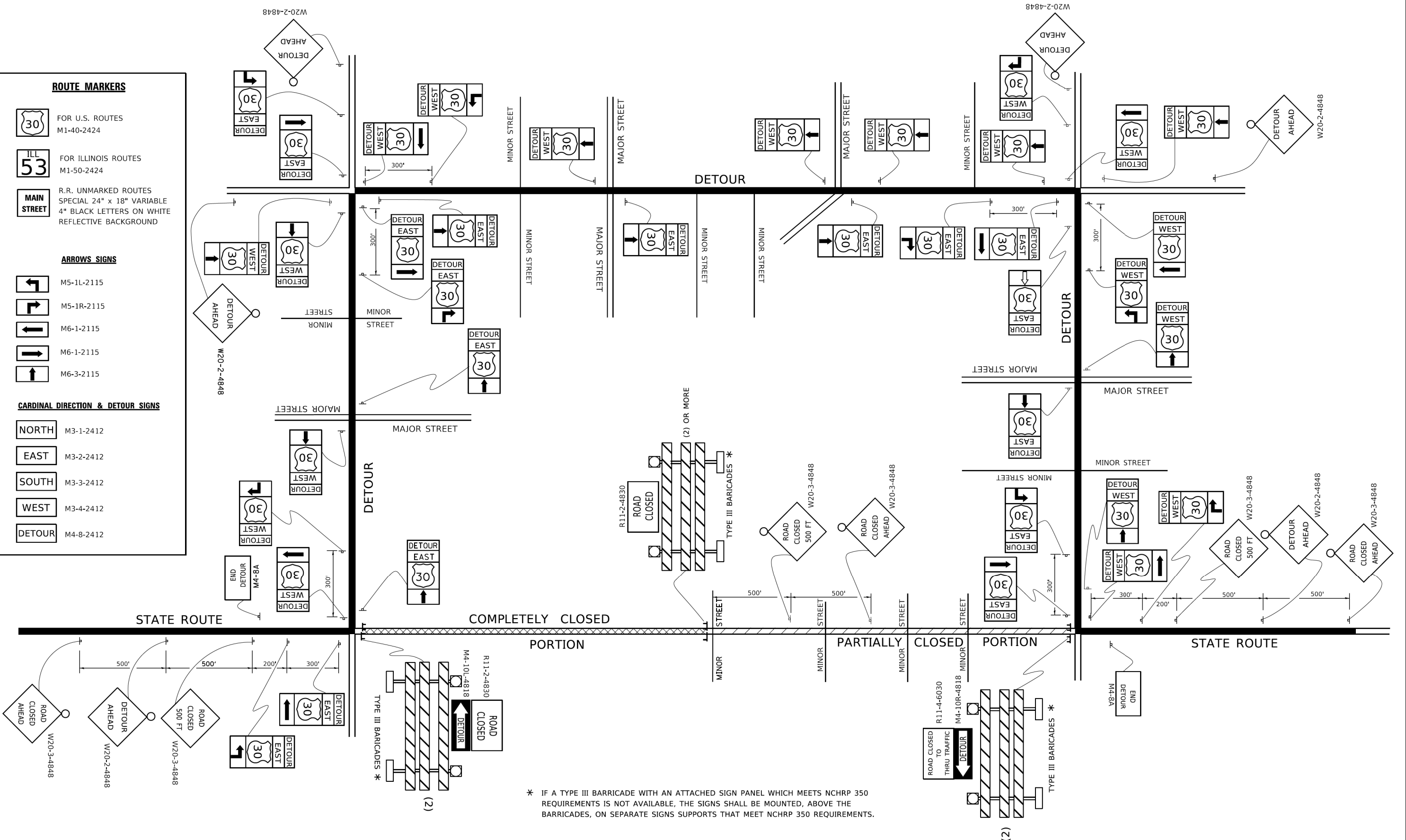
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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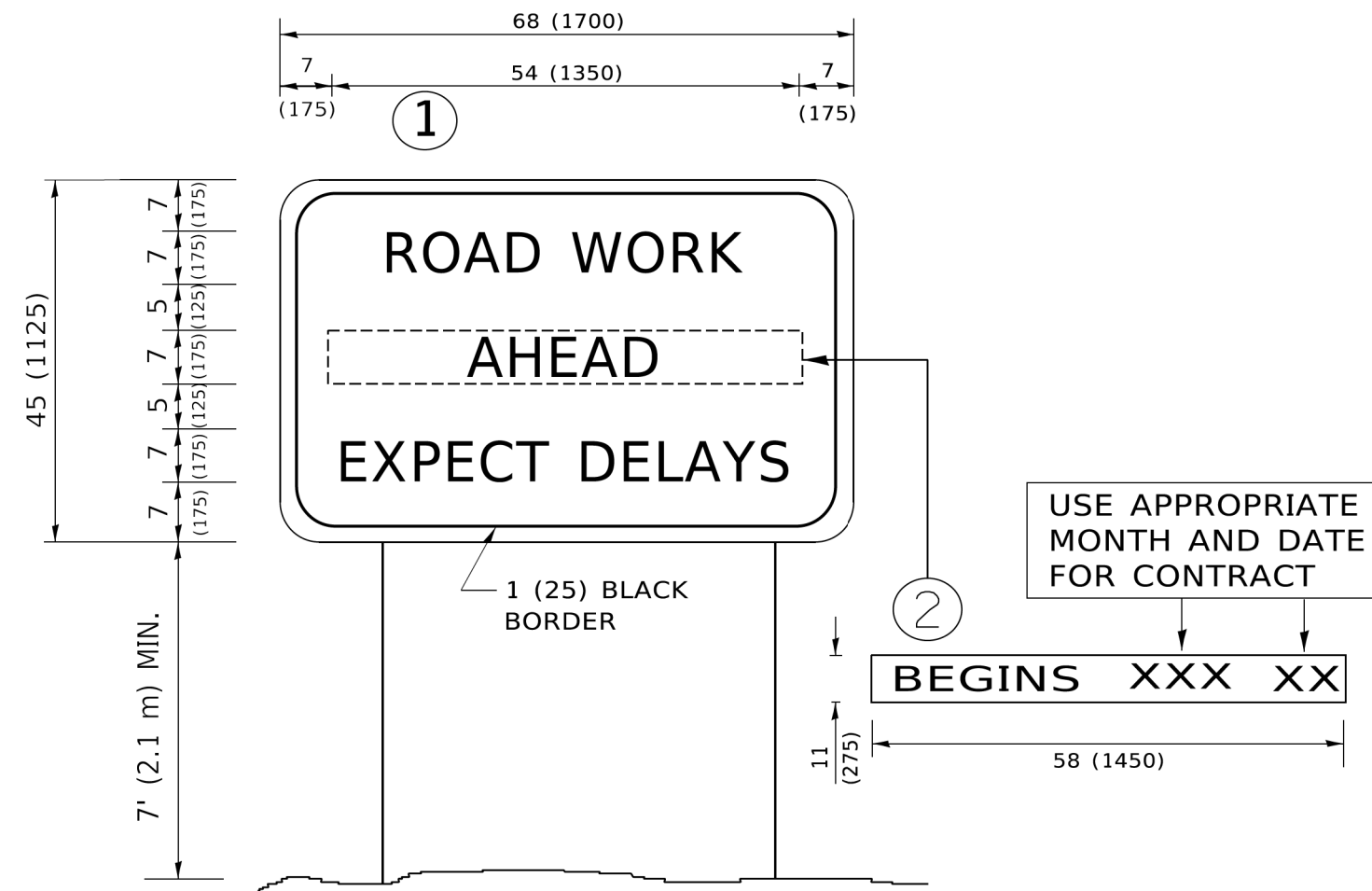
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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING  
FOR CLOSING STATE HIGHWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 179
TC-21		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

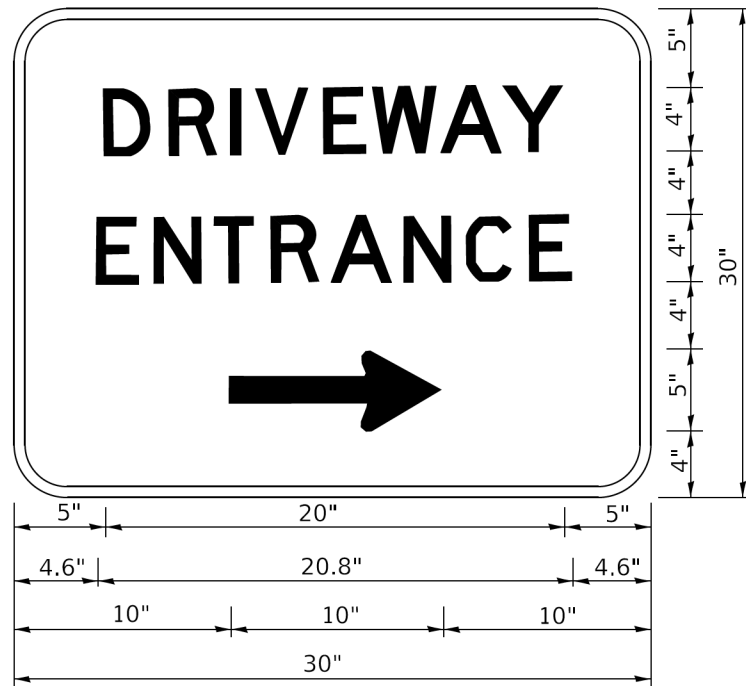
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	180
<b>TC-22</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

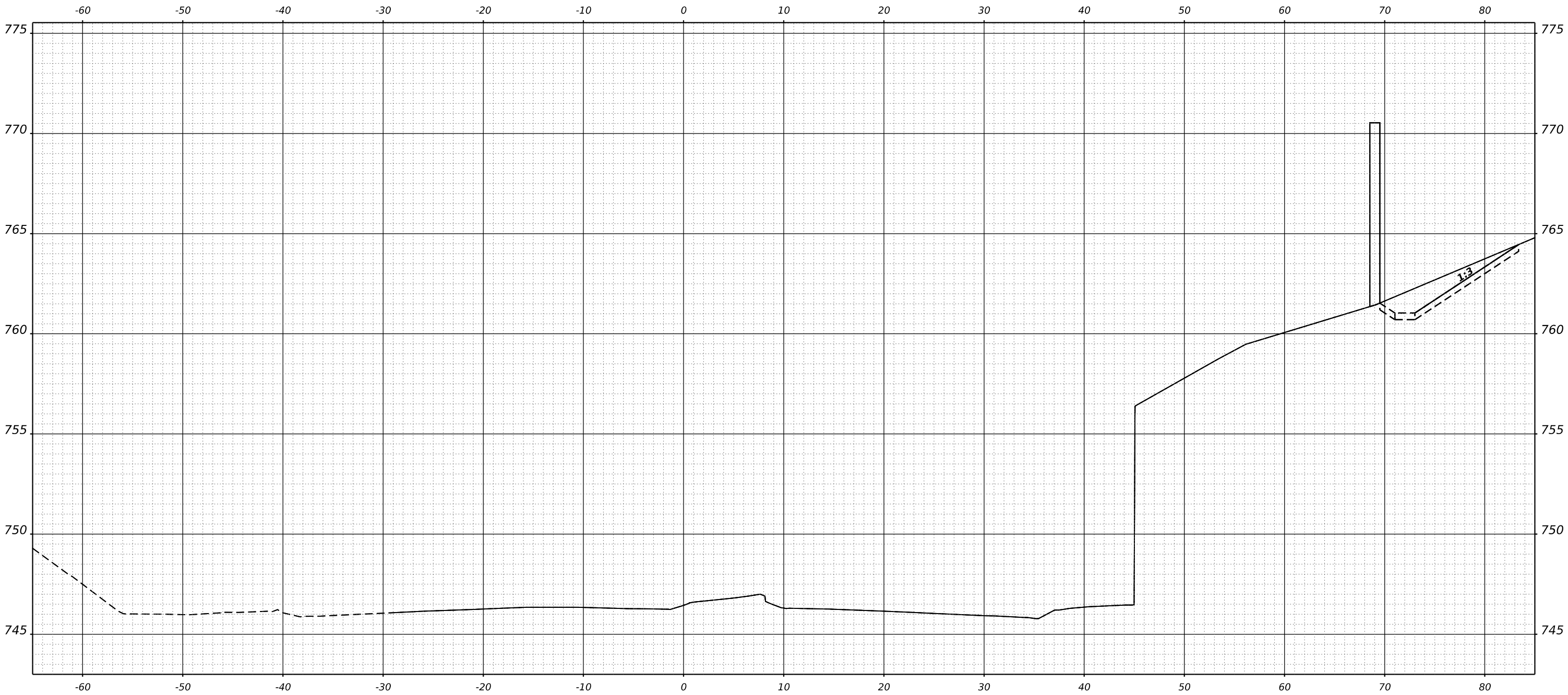
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<b>TC-26</b>		CONTRACT NO. 61J65		
ILLINOIS FED. AID PROJECT				

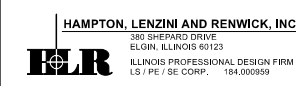
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NOTE BOOK	TEMPLATE	

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

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STA 12+00.00



USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

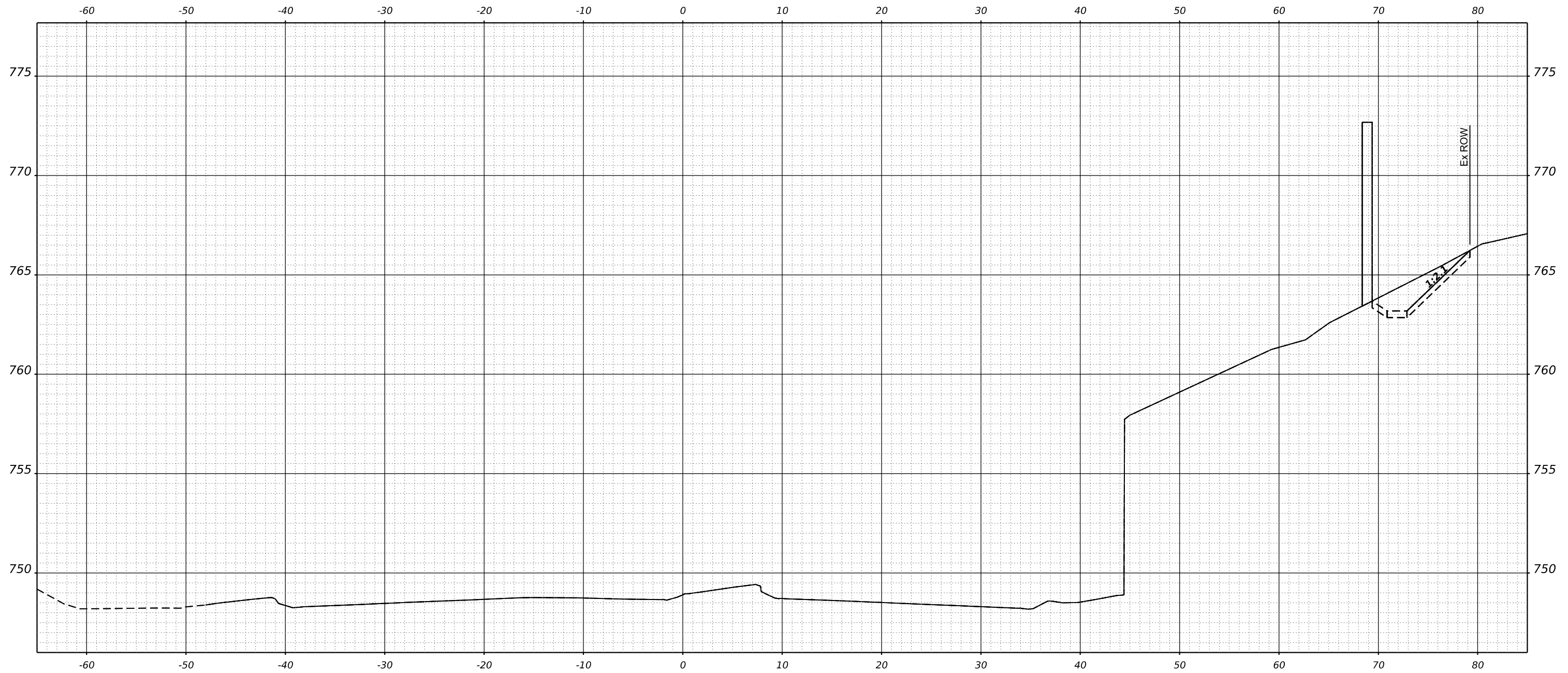
SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS  
 SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	182
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 12+50.00-1 [Sheet]  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
 380 CHESTER DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**  
 SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

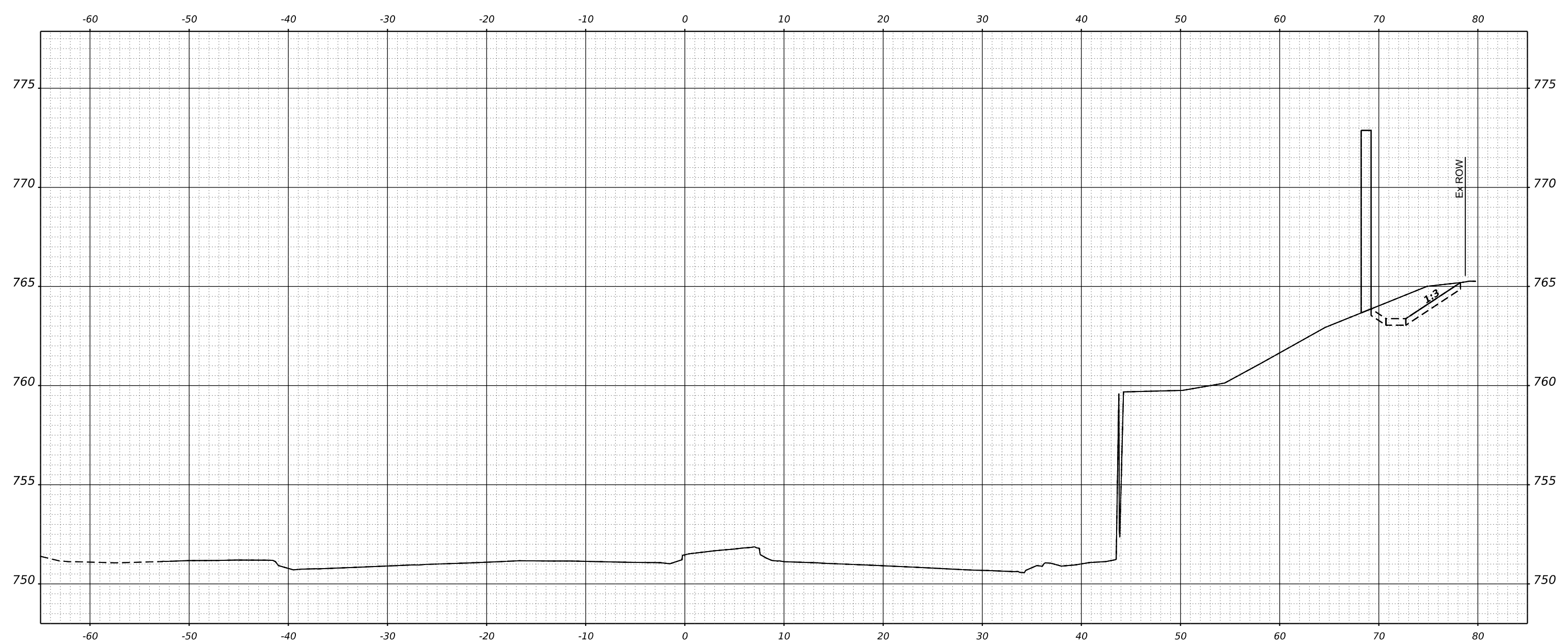
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	183
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

**STA 12+50.00**

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: McLean - 13+00.00-2 [Sheet]  
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**STA 13+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 380 CHESTER DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms
PLOT SCALE	0.16666667 1/ in.
PLOT DATE	1/30/2024

DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

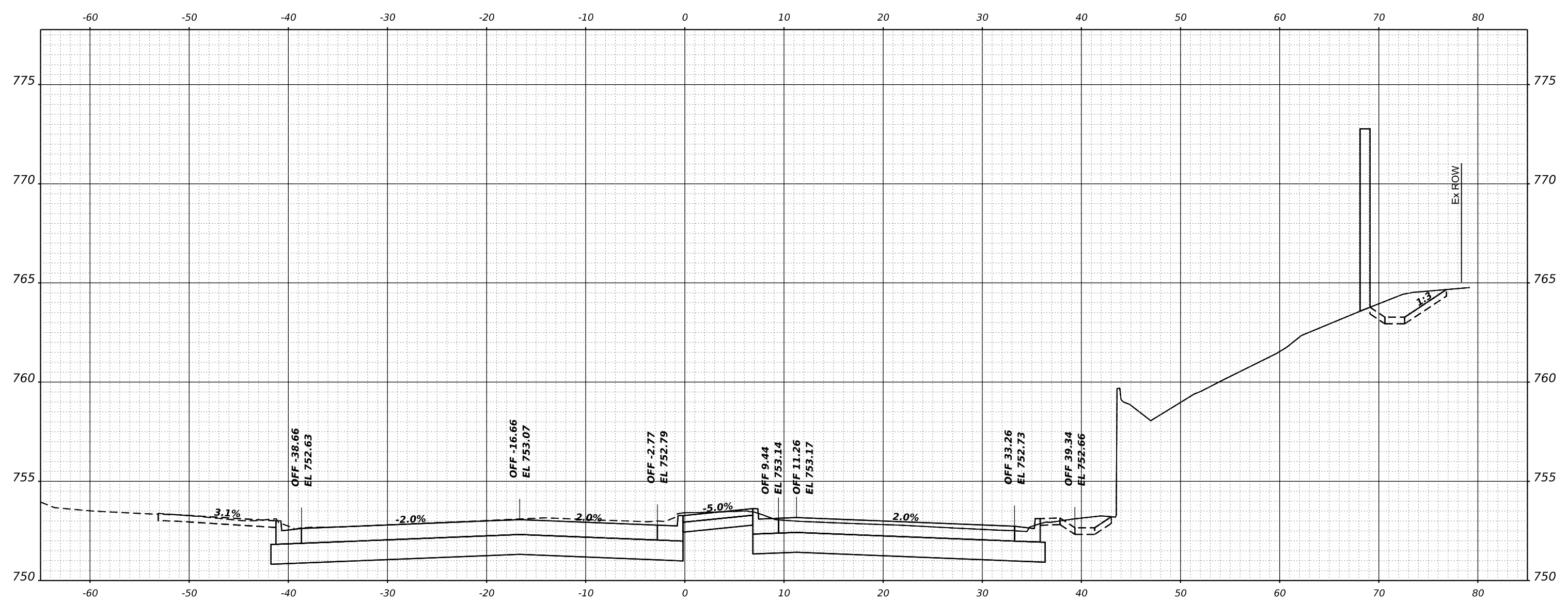
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	184
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: McLean - 13+40.00 - 1 [Sheet]  
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**STA 13+40.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelmms
PLOT SCALE	0.16666667 1/in.
PLOT DATE	1/30/2024

DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

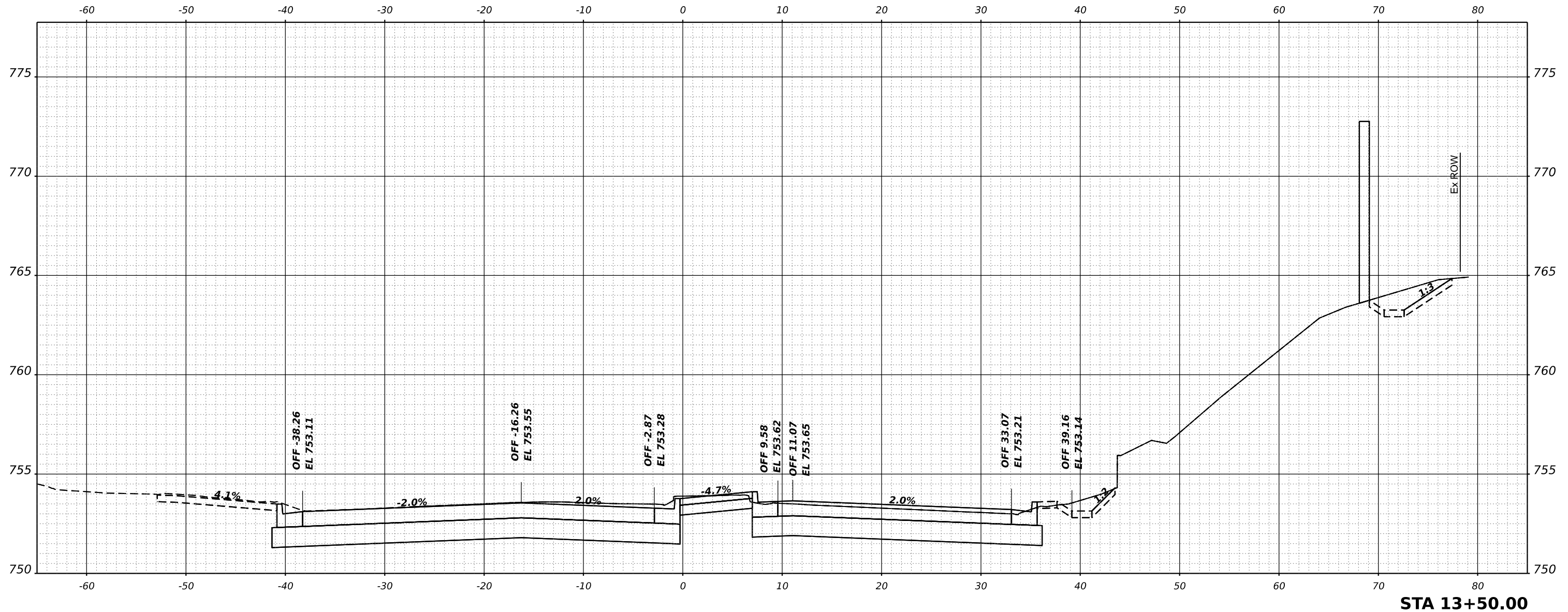
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	185
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

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**STA 13+50.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

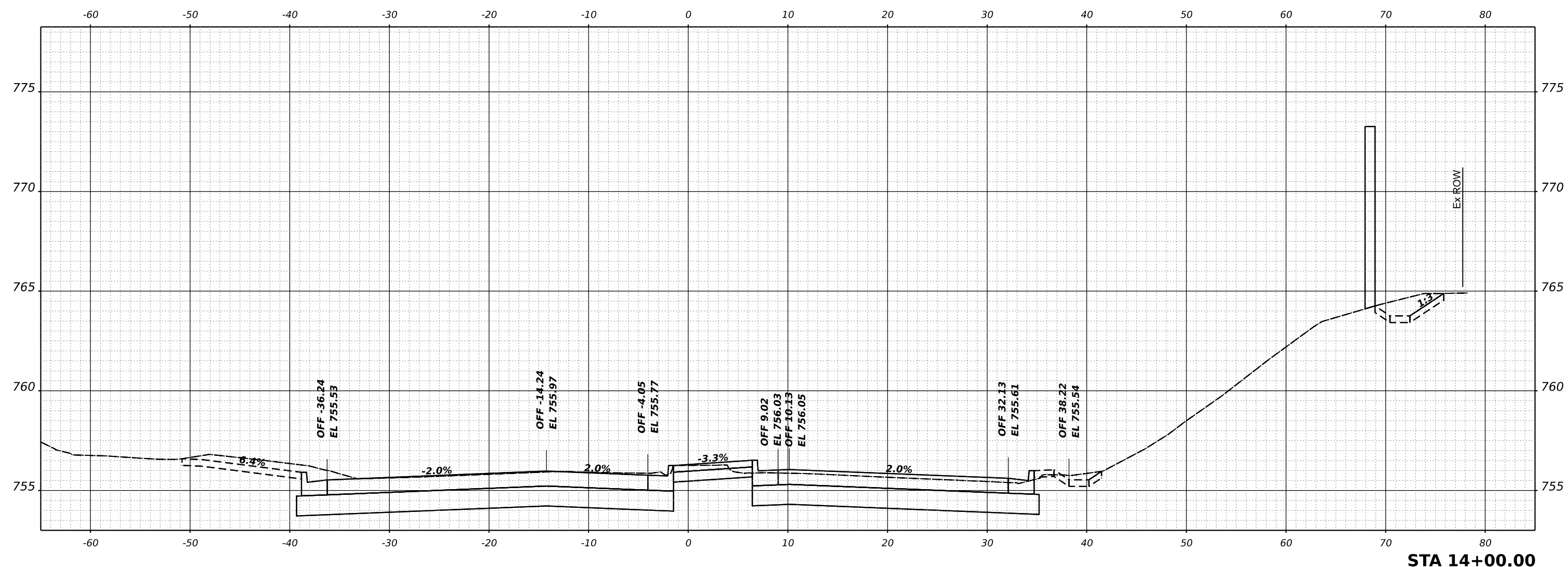
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	186
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 14+00.00 - 1 [Sheet]  
 FILE NAME: P:\2021\180050\180050-00-PV\CADD\_Sheets\180050-00-PV.dgn



**STA 14+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHERWOOD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

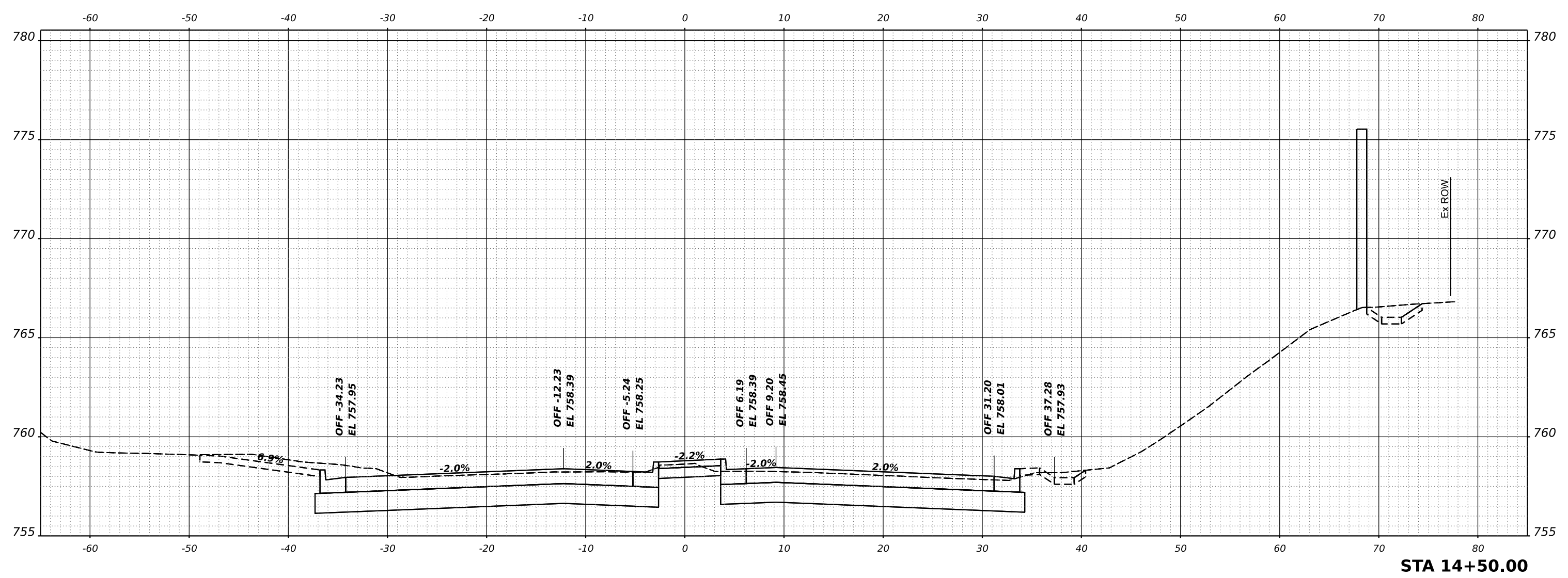
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	187
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 14+50.00 - 1 [Sheet]  
 FILE NAME: P:\2021\180894\CADD\Sheet\180894-shr-x.dgn



**HAMPTON, LENZINI AND RENWICK, INC.**  
 300 WEST WASHINGTON STREET  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

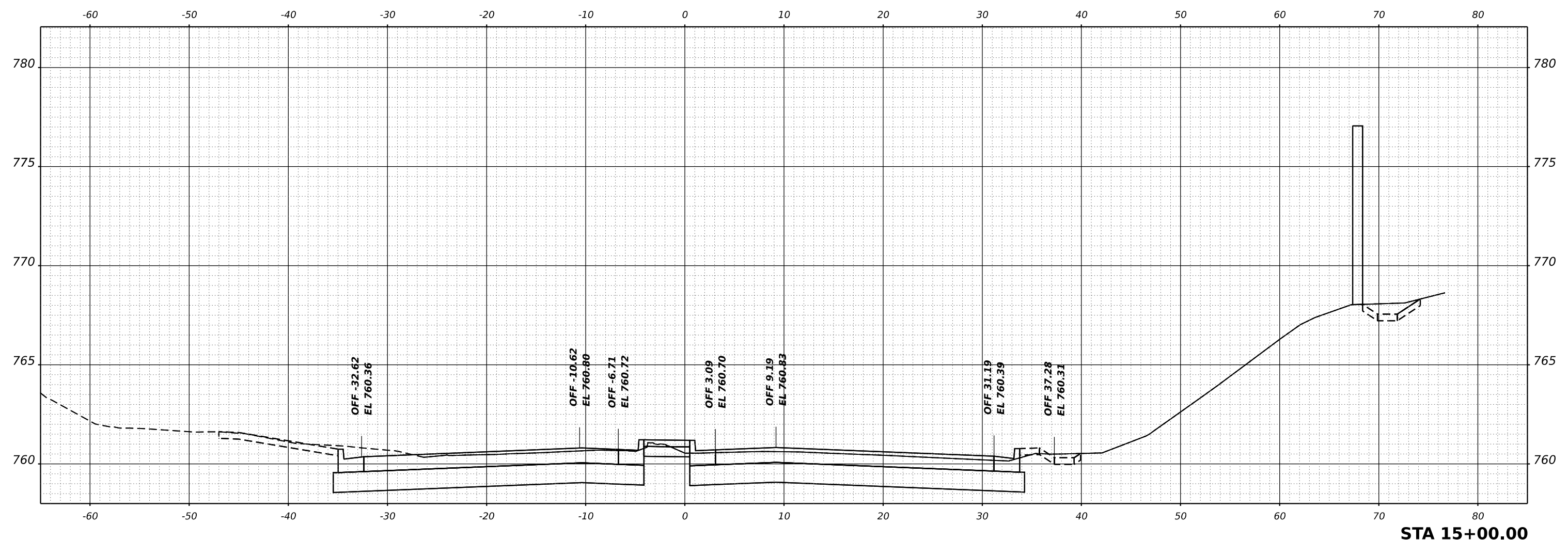
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	188
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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**STA 15+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHERIDAN DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms
PLOT SCALE	0.16666667 1/ in.
PLOT DATE	1/30/2024

DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

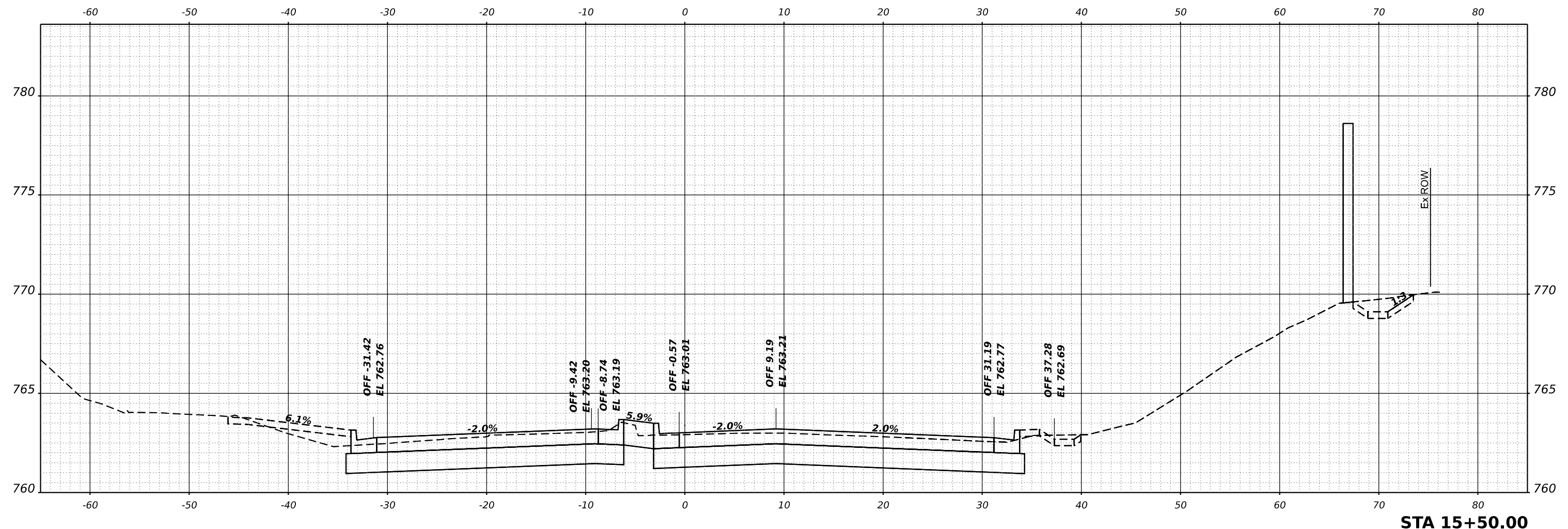
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	189
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

MODEL: McLean - 15+50.00 - 1 [Sheet]  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

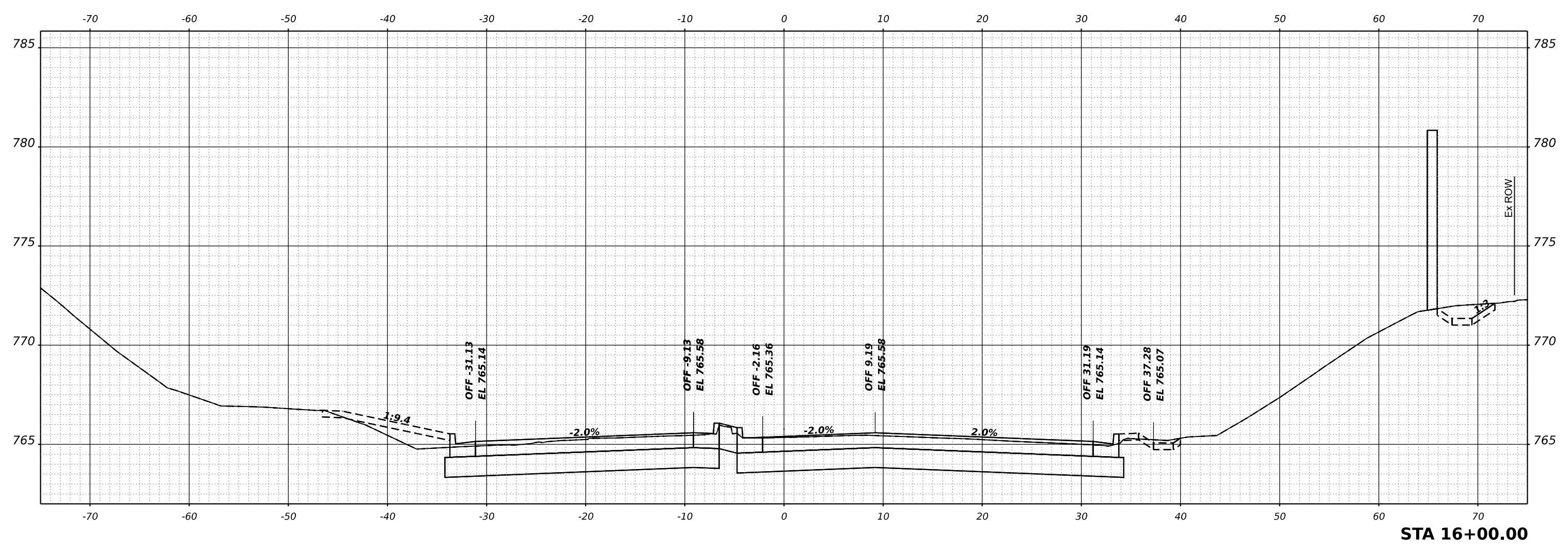
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	190
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 16+00.00 (Sheet)  
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**STA 16+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME = knelms	DESIGNED - KN	REVISED -
	DRAWN - SS	REVISED -
PLOT SCALE = 0.16666667 ' / in.	CHECKED - NP	REVISED -
PLOT DATE = 1/30/2024	DATE - 6/8/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

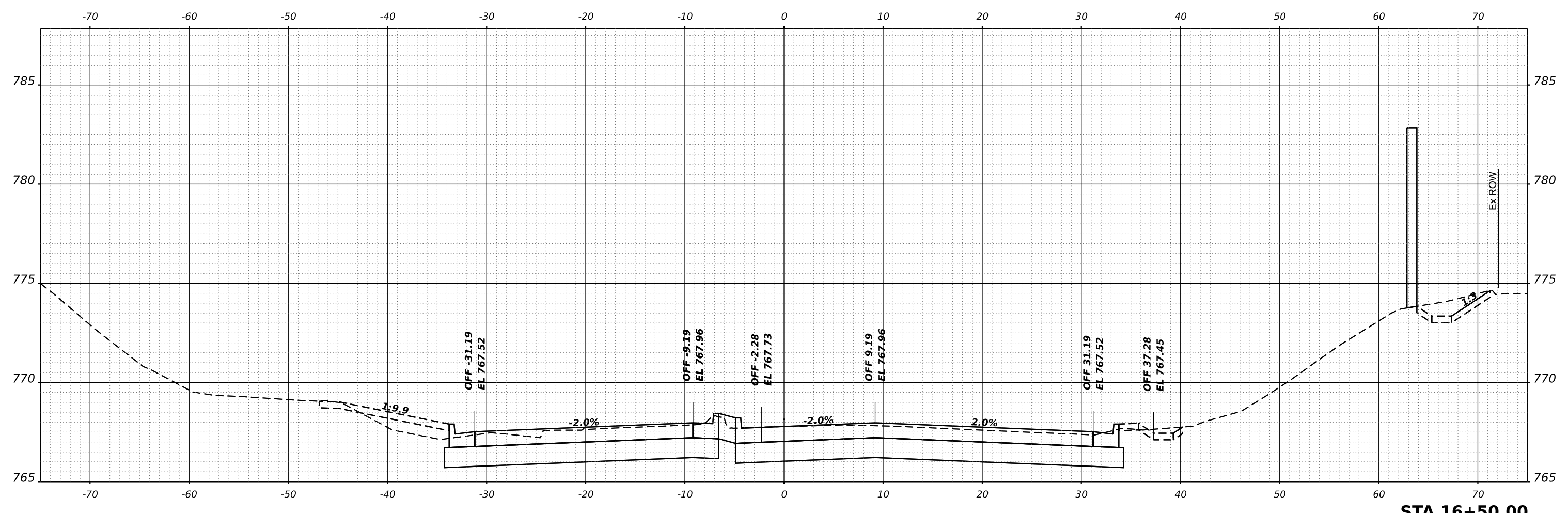
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F.A.U. RTE. 2509	SECTION 18-00050-00-PV	COUNTY KANE	TOTAL SHEETS 258	SHEET NO. 191
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 16+50.00 (Sheet)  
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**STA 16+50.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

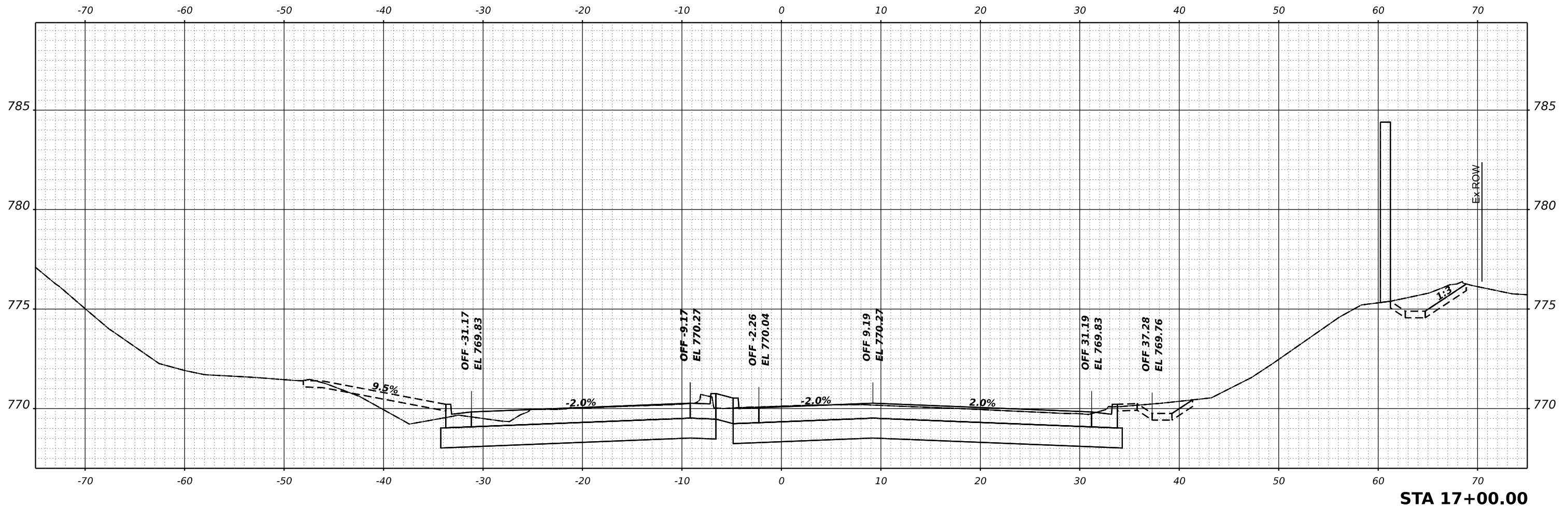
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	192
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

MODEL: McLean - 17+00.00 (Sheet)  
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**STA 17+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 180 SHERWOOD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
DRAWN	SS	DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/ in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

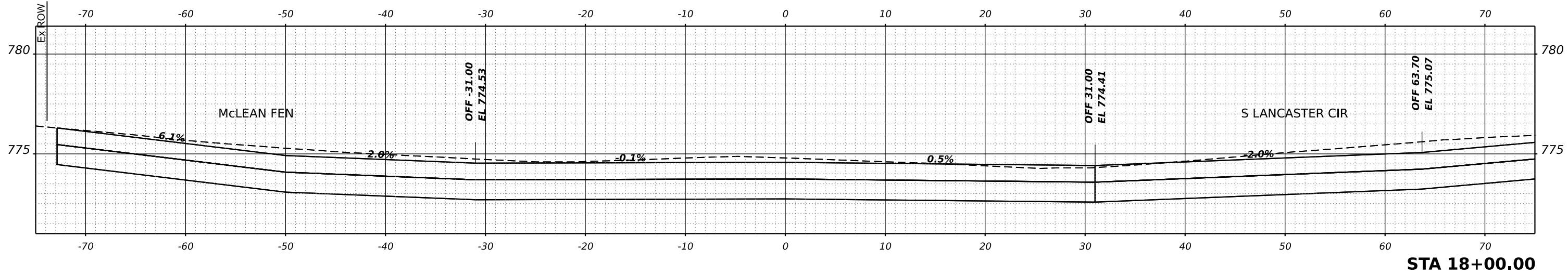
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

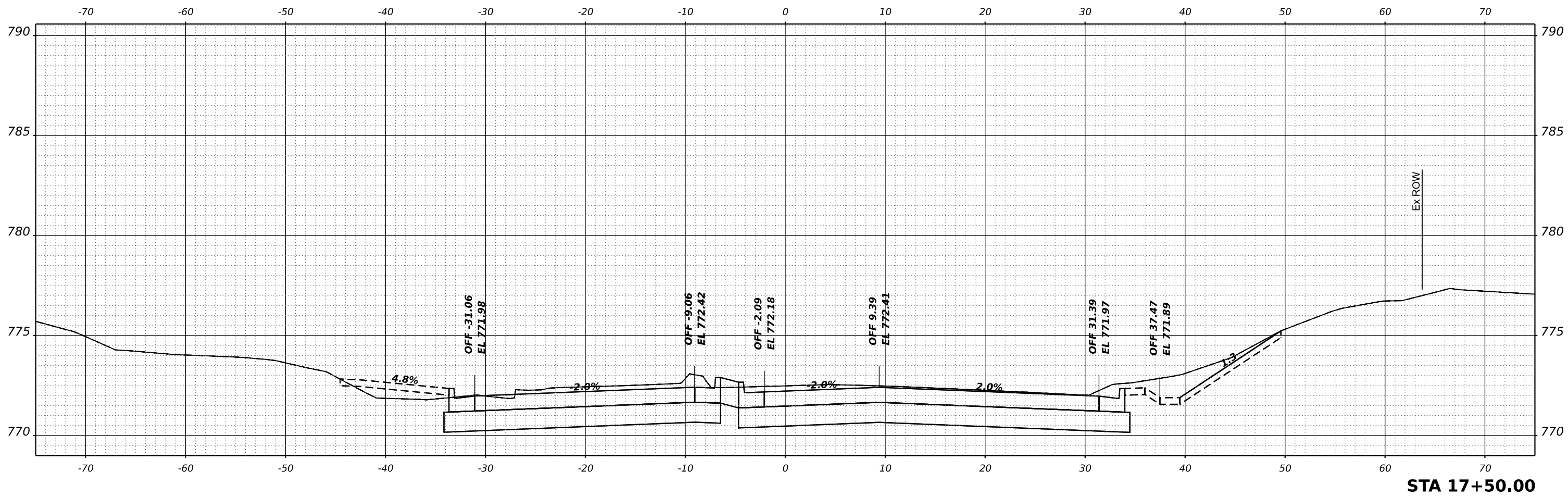
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	193
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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



STA 18+00.00

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



STA 17+50.00

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**HAMPTON, LENZINI AND RENWICK, INC.**  
180 SHERRILL DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000959

USER NAME	kneltms	DESIGNED	- KN	REVISED	-
		DRAWN	- SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	- NP	REVISED	-
PLOT DATE	1/30/2024	DATE	- 6/8/23	REVISED	-

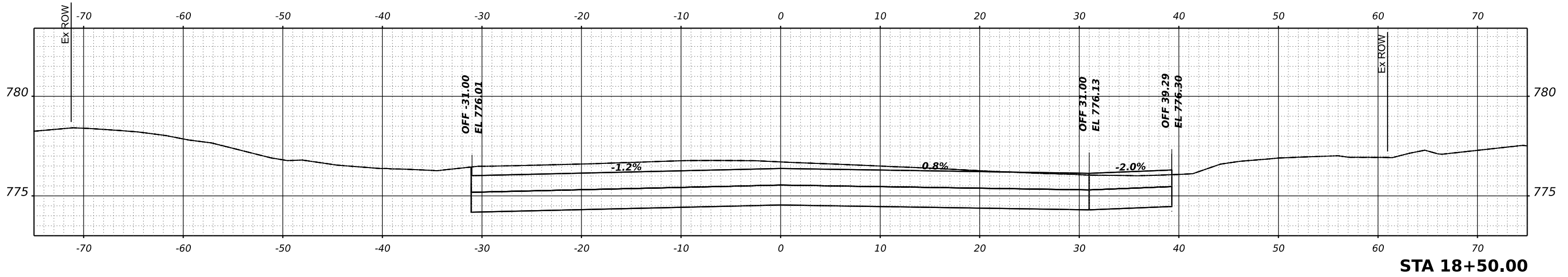
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSS SECTIONS**

SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

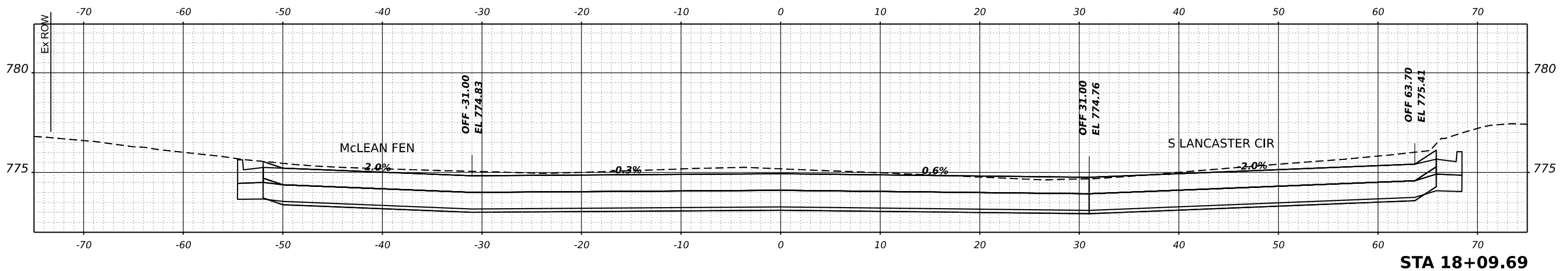
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	194
				CONTRACT NO. 61J65
				ILLINOIS FED. AID PROJECT

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



STA 18+50.00

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



STA 18+09.69

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**HAMPTON, LENZINI AND RENWICK, INC.**  
180 SHENANDOAH DRIVE  
ELGIN, ILLINOIS 60123  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
CROSS SECTIONS

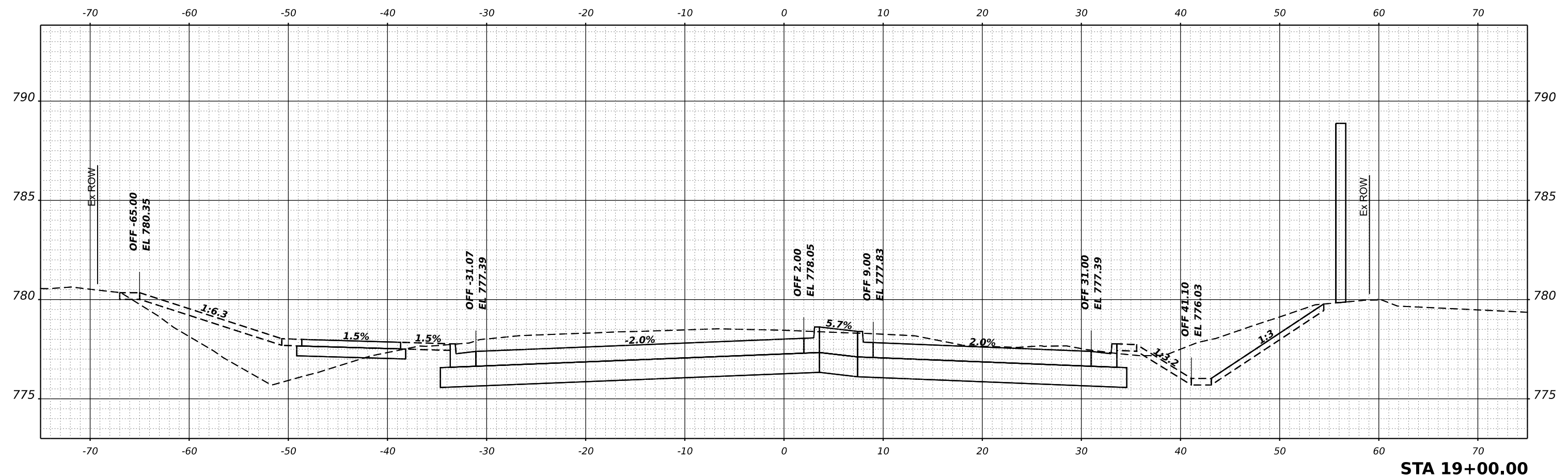
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	195
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 19+00.00 (Sheet)  
 FILE NAME: P:\2021\180050\180050-2\CADD\_Sheets\180050-shr-x.sdpn



**STA 19+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHERWOOD DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms
PLOT SCALE	0.16666667 / in.
PLOT DATE	1/30/2024

DESIGNED	KN
DRAWN	SS
CHECKED	NP
DATE	6/8/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

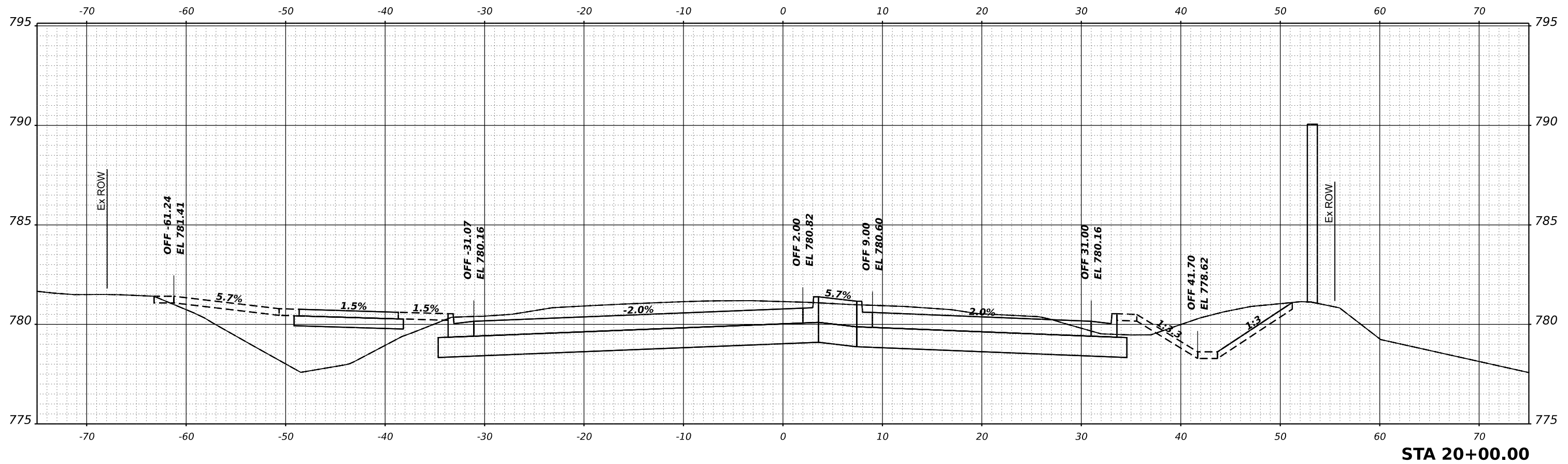
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

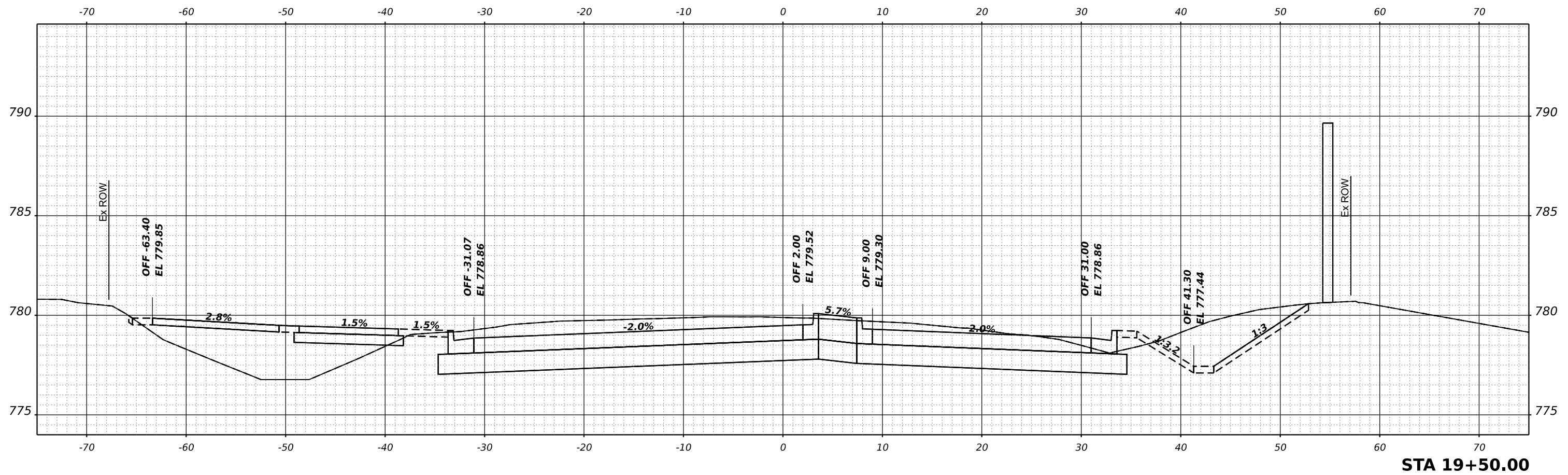
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	196
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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



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



MODEL: McLean - 19+50.00 (Sheet)  
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**HAMPTON, LENZINI AND RENWICK, INC.**  
 300 SHERIDAN DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	= knelms	DESIGNED	- KN	REVISED	-
		DRAWN	- SS	REVISED	-
PLOT SCALE	= 0.16666667 ' / in.	CHECKED	- NP	REVISED	-
PLOT DATE	= 1/30/2024	DATE	- 6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

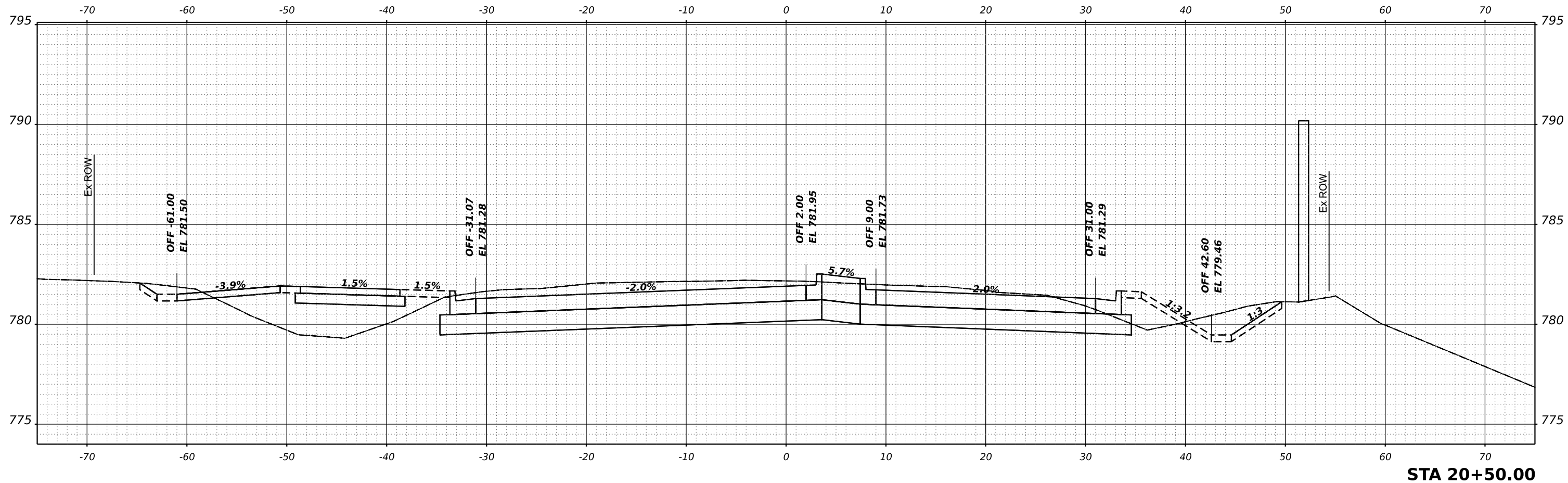
**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**  
 SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	197
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

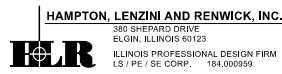
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: McLean - 20+50.00 (Sheet)  
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**STA 20+50.00**



USER NAME	knelfms	DESIGNED	KN	REVISED	-
		DRAWN	SS	REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

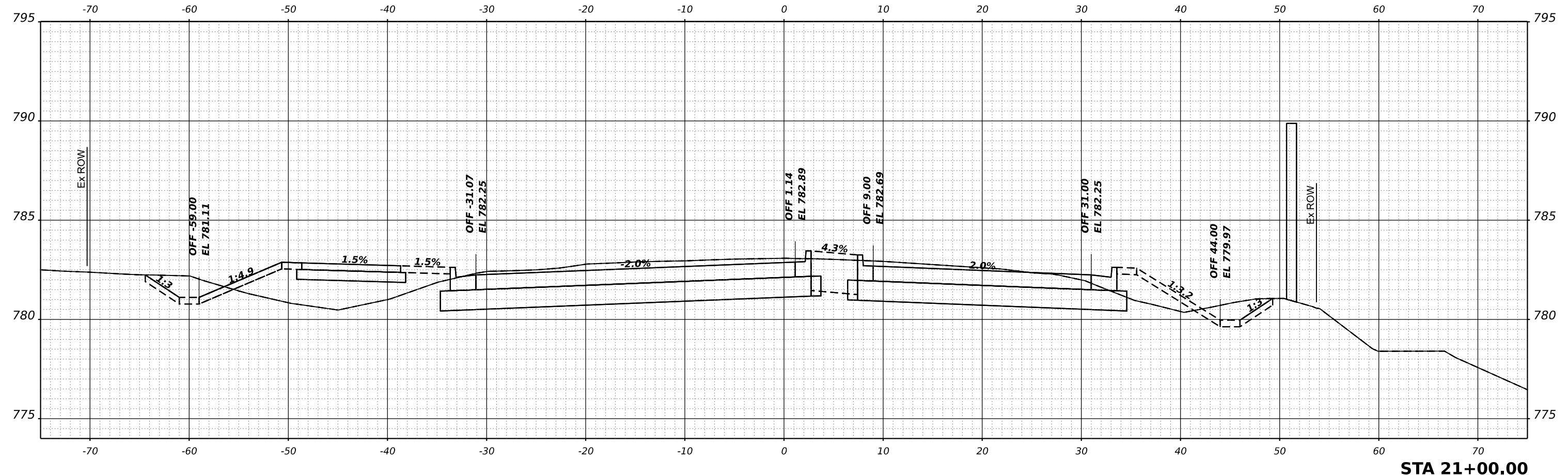
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	198
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: McLean - 21+00.00 (Sheet)  
 FILE NAME: P:\2021\180050\180050-00-PV\CADD\_Sheets\180050-00-PV.dgn



**STA 21+00.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 SHENANDOAH DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelm	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	0.16666667 / in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

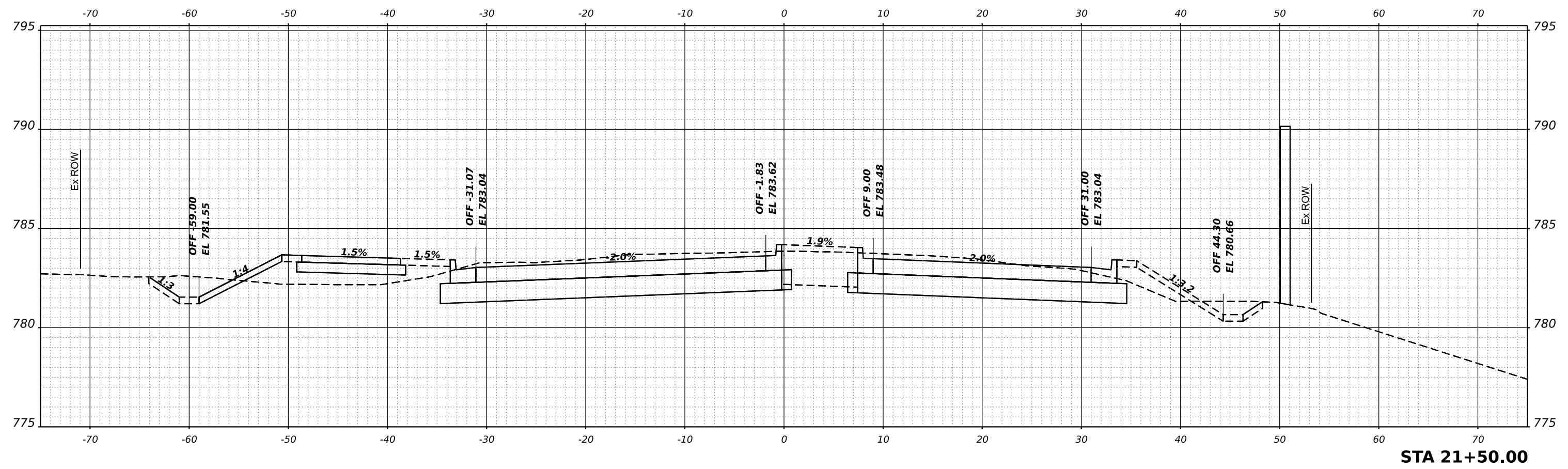
SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	199
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE

MODEL: McLean - 21+50.00 (Sheet)  
 FILE NAME: P:\2021\180050\180050-00-PV\CADD\_Sheets\180050-00-PV.dgn



**STA 21+50.00**

**HAMPTON, LENZINI AND RENWICK, INC.**  
 1800 CHESTER DRIVE  
 ELGIN, ILLINOIS 60123  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184.000959

USER NAME	knelfms	DESIGNED	KN	REVISED	-
DRAWN	SS	REVISIONS		REVISED	-
PLOT SCALE	0.16666667 1/in.	CHECKED	NP	REVISED	-
PLOT DATE	1/30/2024	DATE	6/8/23	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOUTH McLEAN BLVD - STEARNS RD TO SPRING ST  
 CROSS SECTIONS**

SCALE: 1"=5'H, 1"=2.5'V SHEET OF SHEETS STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	18-00050-00-PV	KANE	258	200
CONTRACT NO. 61J65				
ILLINOIS FED. AID PROJECT				