PARCEL NO.	TOTAL HOLDING ACRES	PART TAKING ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
0001TE	1.9226				0.0135	586	07-12-400-047
0002TE	13.0098				0.0482	2,101	07-12-401-006

PROP. CURVE EX_MCCONNOR1
PI STA. = 11+28.26
Δ = 20° 04' 00" (RT)
D = 3° 00' 00"
R = 1,909.86'
T = 337.91'
L = 668.89'
E = 29.66'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 7+90.35
P.T. STA. = 14+59.24

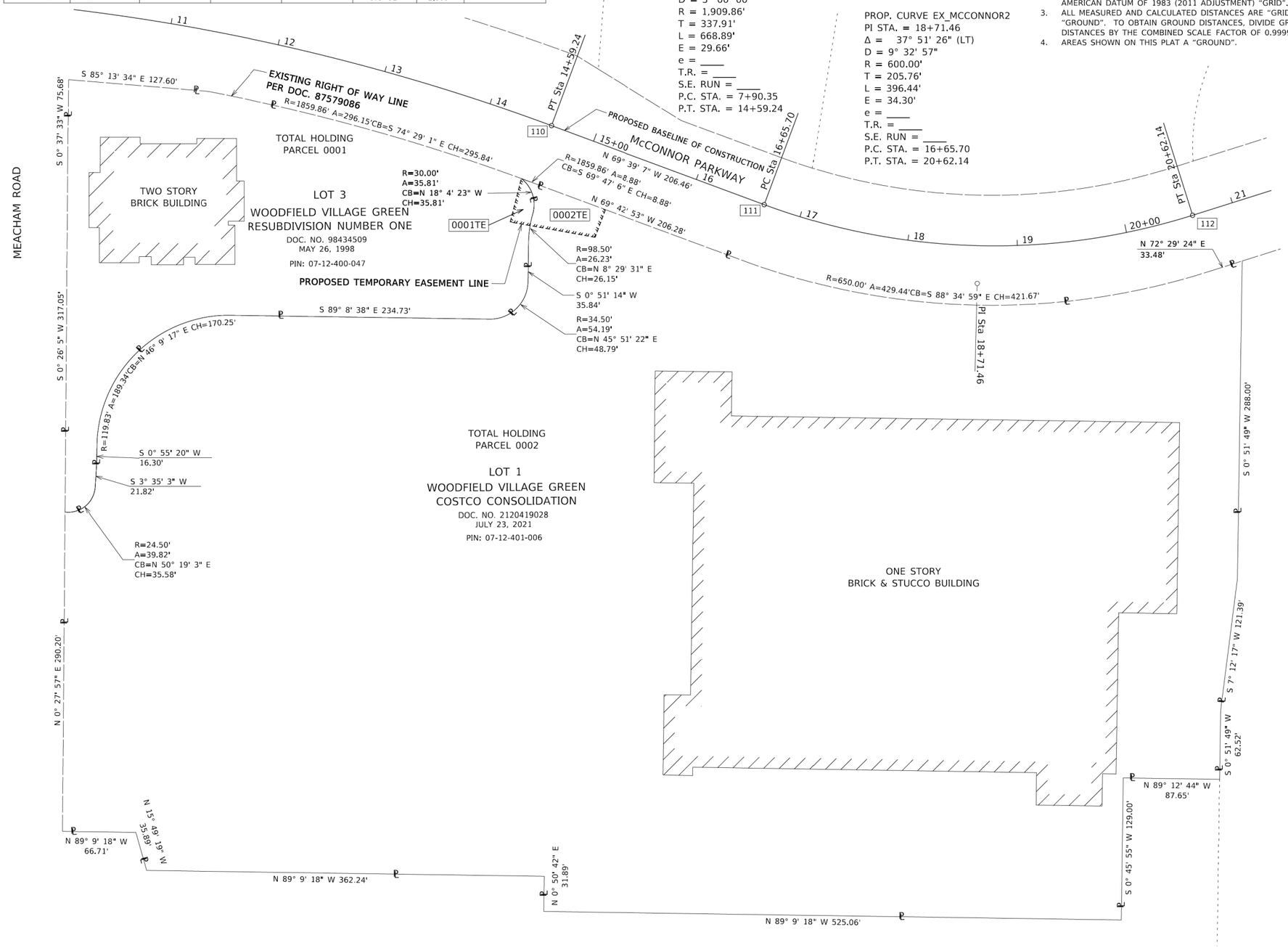
PROP. CURVE EX_MCCONNOR2
PI STA. = 18+71.46
Δ = 37° 51' 26" (LT)
D = 9° 32' 57"
R = 600.00'
T = 205.76'
L = 396.44'
E = 34.30'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 16+65.70
P.T. STA. = 20+62.14

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN HEREON ARE 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 GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINED SCALE FACTOR OF 0.99995250.
4. AREAS SHOWN ON THIS PLAT A "GROUND".

0 50 100 150
SCALE IN FEET

N



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

	SECTION / QUARTER SECTION LINE
	PLATTED LOT LINES
P	PROPERTY (DEED) LINE
APL	APPARENT PROPERTY LINE
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
AC	EXISTING ACCESS CONTROL LINE
AC	PROPOSED ACCESS CONTROL LINE
129.32'	MEASURED DIMENSION
129.32' (COMP)	COMPUTED DIMENSION
(129.32')	RECORDED DIMENSION
	EXISTING BUILDING

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, DOUGLAS McCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, COMPASS SURVEYING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002778,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 41 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2992
EXPIRES NOVEMBER 30, 2026
COMPASS SURVEYING, LTD
ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING
CORPORATION NUMBER 184-002778
LICENSE EXPIRATION DATE: APRIL 30, 2025

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	101
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

COMPASS SURVEYING LTD
2631 Ginger Woods Parkway,
Suite 100 Aurora IL 60502
PHONE: (630)820-9100
FAX: (630)820-7030

MODEL: Default
FILE NAME: F:\Compass\2024\24.0130\DGN\24.0130_SHEETS.dgn

USER NAME = rober	DESIGNED -		REVISED -	7/15/2024	ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS
	DRAWN -	B.TRAVER	REVISED -	7/22/2024	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	D.McCLINTIC	REVISED -	8/8/2024	
PLOT DATE = 8/20/2024	DATE -		REVISED -	8/20/2024	

ROUTE FAU 7008	SECTION 22-00142-01-PV	CCUNTY COOK	JOB# R-55-001-097
SEC 12	T 41N, R 10E OF 3RD P.M.	PROJECT# McConnor Parkway	
SCALE: 50'	SHEET NO. 5 OF 7 SHEETS	STA 10+00 TO STA 21+00	CONTRACT NO.

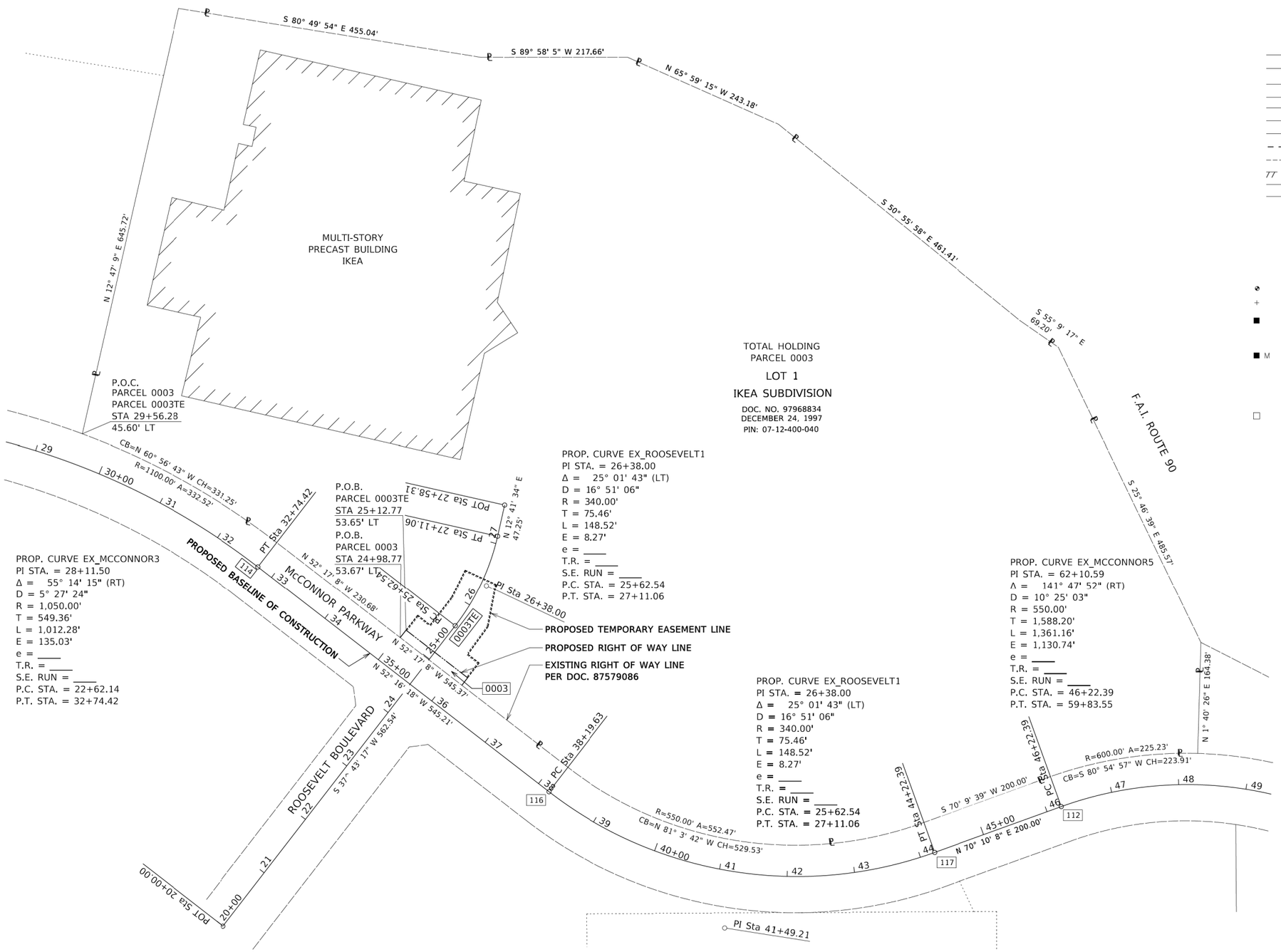
PARCEL NO.	TOTAL HOLDING ACRES	PART TAKING ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
0003	30.4056	0.0371		30.3685			07-12-400-040
0003TE	30.4056				0.2283	9,946	07-12-400-040

NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN HEREON ARE 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 GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINED SCALE FACTOR OF 0.99995250.
4. AREAS SHOWN ON THIS PLAT A "GROUND".

0 80 160 240
SCALE IN FEET

N



PROP. CURVE EX_MCCONNOR3
PI STA. = 28+11.50
Δ = 55° 14' 15" (RT)
D = 5° 27' 24"
R = 1,050.00'
T = 549.36'
L = 1,012.28'
E = 135.03'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 22+62.14
P.T. STA. = 32+74.42

PROP. CURVE EX_ROOSEVELT1
PI STA. = 26+38.00
Δ = 25° 01' 43" (LT)
D = 16° 51' 06"
R = 340.00'
T = 75.46'
L = 148.52'
E = 8.27'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 25+62.54
P.T. STA. = 27+11.06

PROP. CURVE EX_ROOSEVELT1
PI STA. = 26+38.00
Δ = 25° 01' 43" (LT)
D = 16° 51' 06"
R = 340.00'
T = 75.46'
L = 148.52'
E = 8.27'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 25+62.54
P.T. STA. = 27+11.06

PROP. CURVE EX_MCCONNOR5
PI STA. = 62+10.59
Δ = 141° 47' 52" (RT)
D = 10° 25' 03"
R = 550.00'
T = 1,588.20'
L = 1,361.16'
E = 1,130.74'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 46+22.39
P.T. STA. = 59+83.55

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL — APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
AC — EXISTING ACCESS CONTROL LINE
AC — PROPOSED ACCESS CONTROL LINE
129.32' — MEASURED DIMENSION
129.32' (COMP) — COMPUTED DIMENSION
(129.32') — RECORDED DIMENSION
EXISTING BUILDING

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
'MAG' NAIL SET
5 / 8" REBAR SET

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, DOUGLAS McCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, COMPASS SURVEYING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002778,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 41 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2992
EXPIRES NOVEMBER 30, 2026
COMPASS SURVEYING, LTD
ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002778
LICENSE EXPIRATION DATE: APRIL 30, 2025

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	102
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

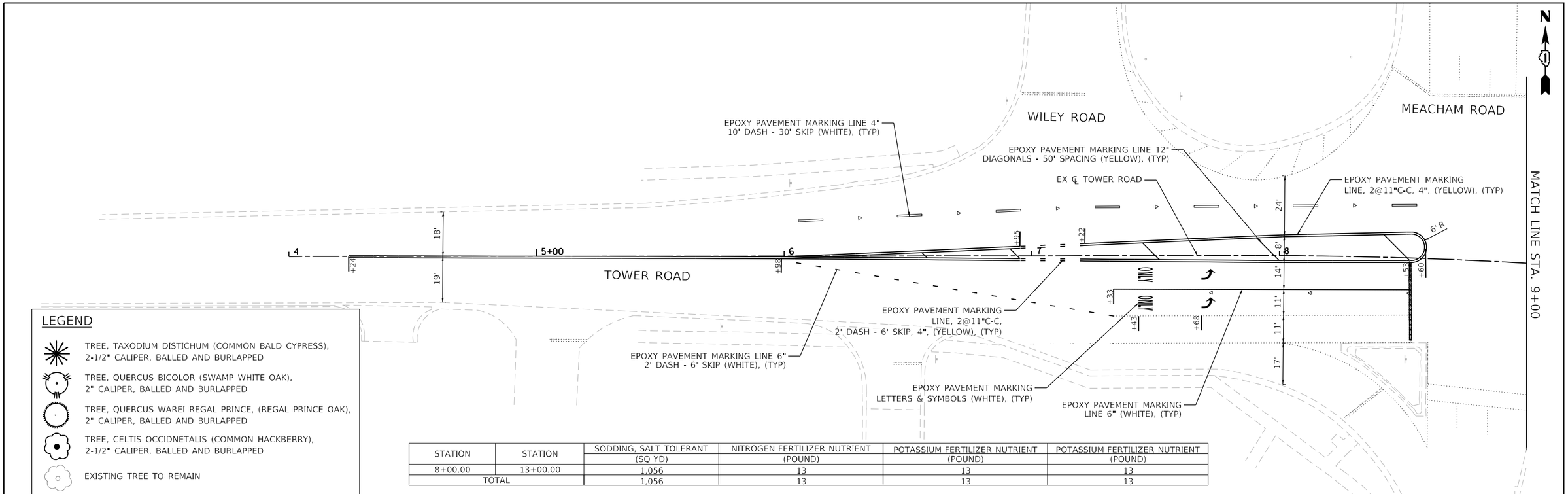
COMPASS SURVEYING LTD
2631 Ginger Woods Parkway, Suite 100 Aurora IL 60502
PHONE: (630)820-9100
FAX: (630)820-7030

MODEL: Default
FILE NAME: F:\Compass\2024\24.0130\DGN\24.0130_SHEET5.dgn

USER NAME = rober	DESIGNED -	REVISED -	7/15/2024
	DRAWN - B.TRAVER	REVISED -	7/22/2024
PLOT SCALE = 20.0000 ' / in.	CHECKED - D.McCLINTIC	REVISED -	8/8/2024
PLOT DATE = 8/20/2024	DATE -	REVISED -	8/20/2024

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

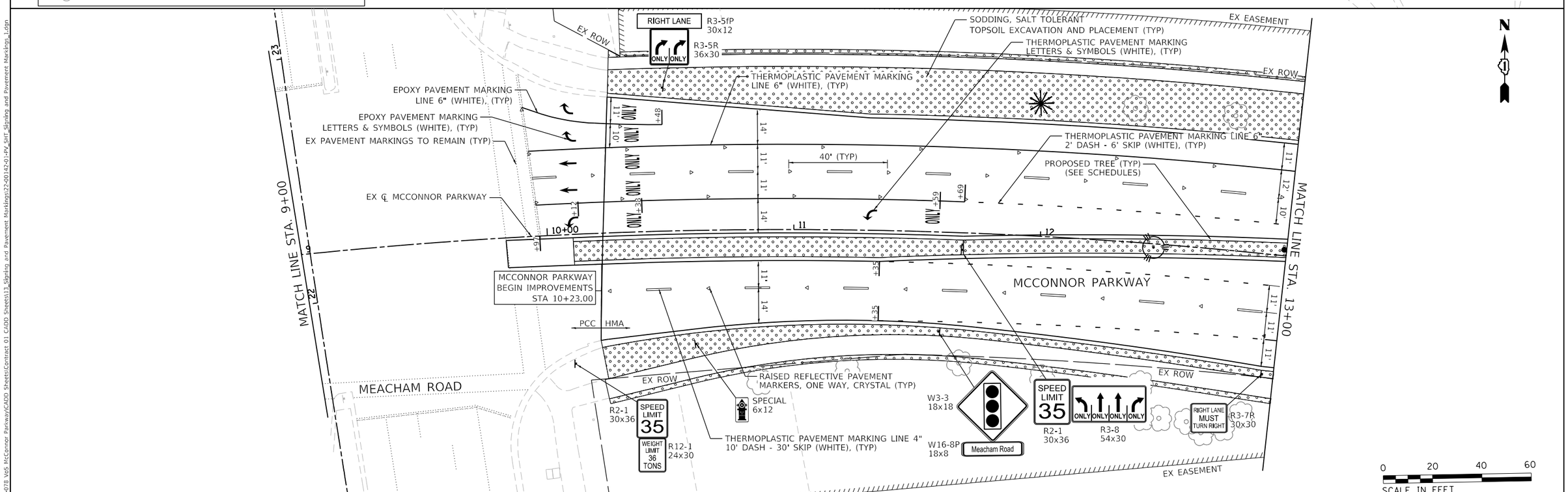
ROUTE FAU 7008	SECTION 22-00142-01-PV	CCUNTY COOK	JOB# R-55-001-097
SEC 12	T 41N, R 10E OF 3RD P.M.	PROJECT# McConnor Parkway	
SCALE: 80'	SHEET NO. 6 OF 7 SHEETS	STA 29+00 TO STA 49+00	CONTRACT NO.



LEGEND

- TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS WAREI REGAL PRINCE, (REGAL PRINCE OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, CELTIS OCCIDNETALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
- EXISTING TREE TO REMAIN

STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
8+00.00	13+00.00	1,056	13	13	13
TOTAL		1,056	13	13	13



MODEL: Default
FILE NAME: F0801-078 VDS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Markings_1.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -	
	DRAWN - JR	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -	
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN

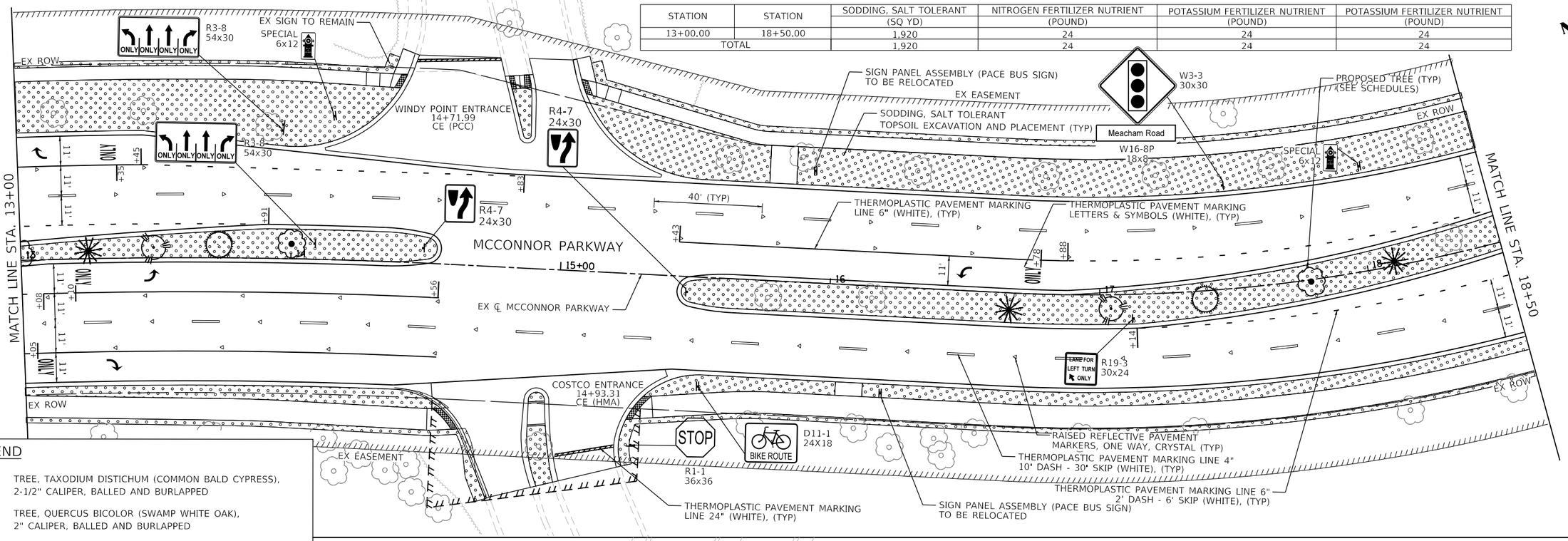
SCALE: 1"=20' | SHEET 1 OF $PMT SHEETS | STA. 4+00 TO STA. 13+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	103

CONTRACT NO. 61L37

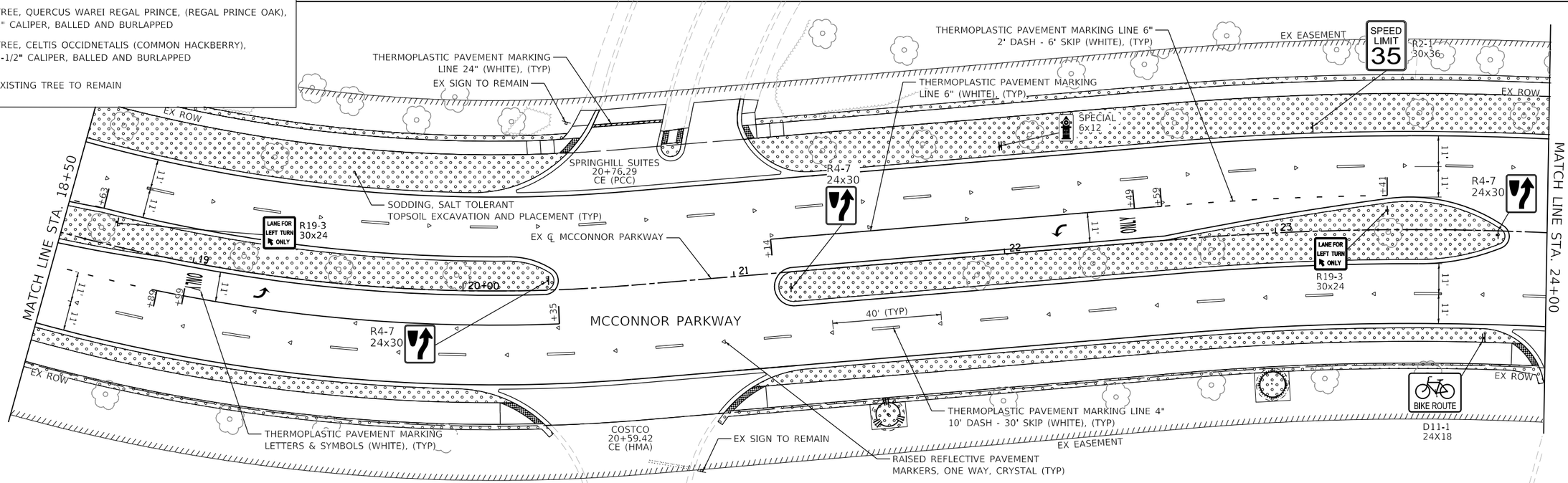
ILLINOIS FED. AID PROJECT

STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
13+00.00	18+50.00	1,920	24	24	24
TOTAL		1,920	24	24	24



LEGEND

- TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS WAREI REGAL PRINCE, (REGAL PRINCE OAK), 2" CALIPER, BALLED AND BURLAPPED
- TREE, CELTIS OCCIDNETALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
- EXISTING TREE TO REMAIN



STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
18+50.00	24+00.00	1,803	22	22	22
TOTAL		1,803	22	22	22

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: P8086-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Marking_2.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

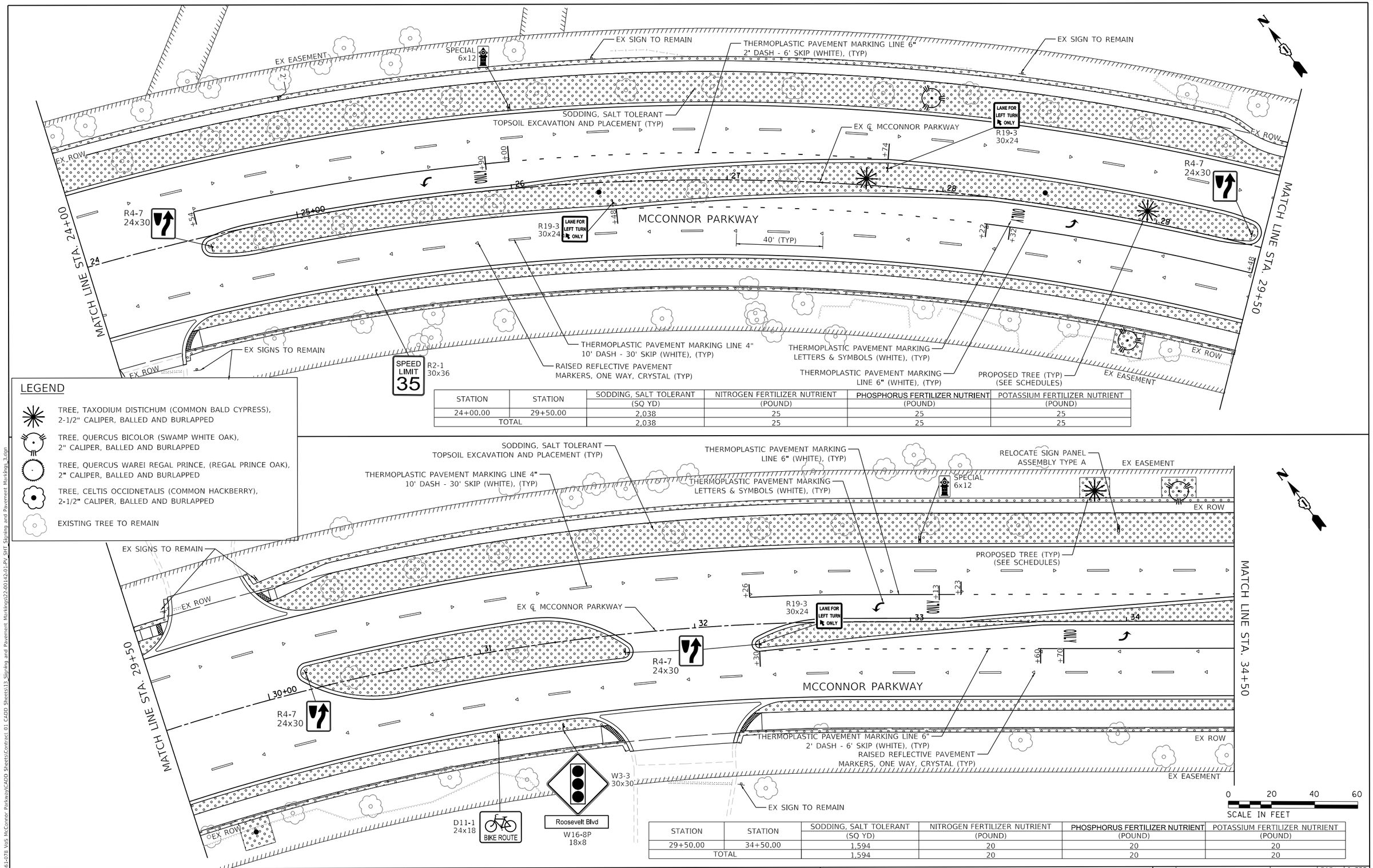
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN

SCALE: 1"=20' | SHEET 2 OF $PMT SHEETS | STA. 13+00 TO STA. 24+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	104

CONTRACT NO. 61L37
ILLINOIS FED. AID PROJECT



STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
24+00.00	29+50.00	2,038	25	25	25
TOTAL		2,038	25	25	25

STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
29+50.00	34+50.00	1,594	20	20	20
TOTAL		1,594	20	20	20

MODEL: Default
FILE NAME: F:\861-178 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Markings_3.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.1291 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

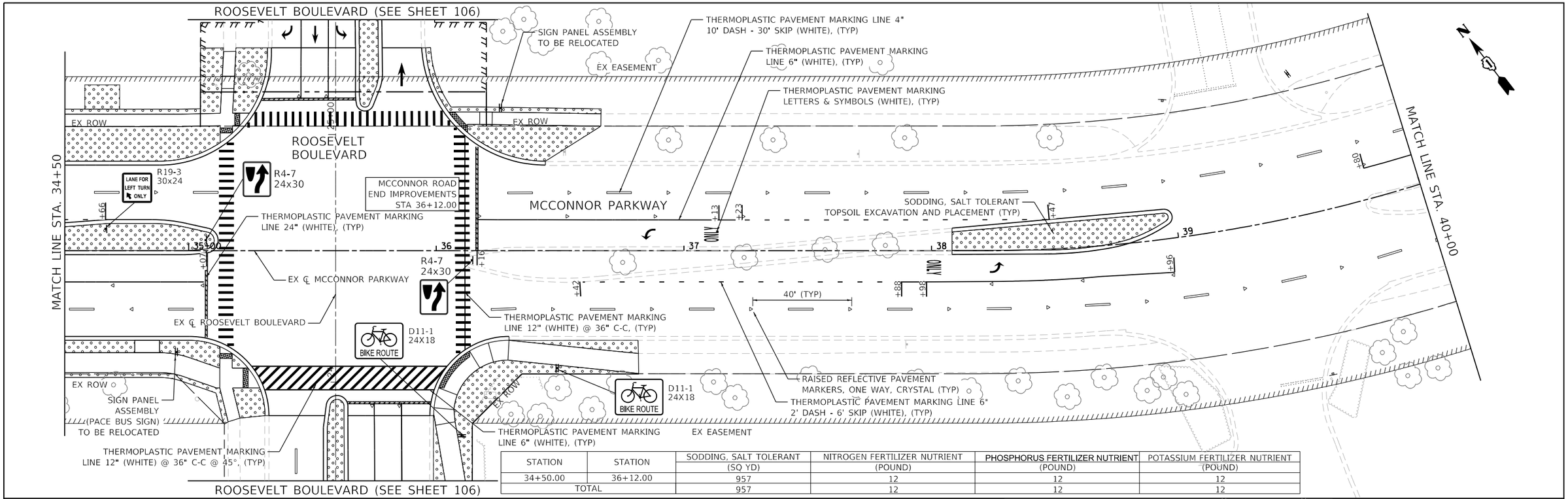
MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN

SCALE: 1"=20' | SHEET 3 OF $PMT SHEETS | STA. 24+00 TO STA. 34+50

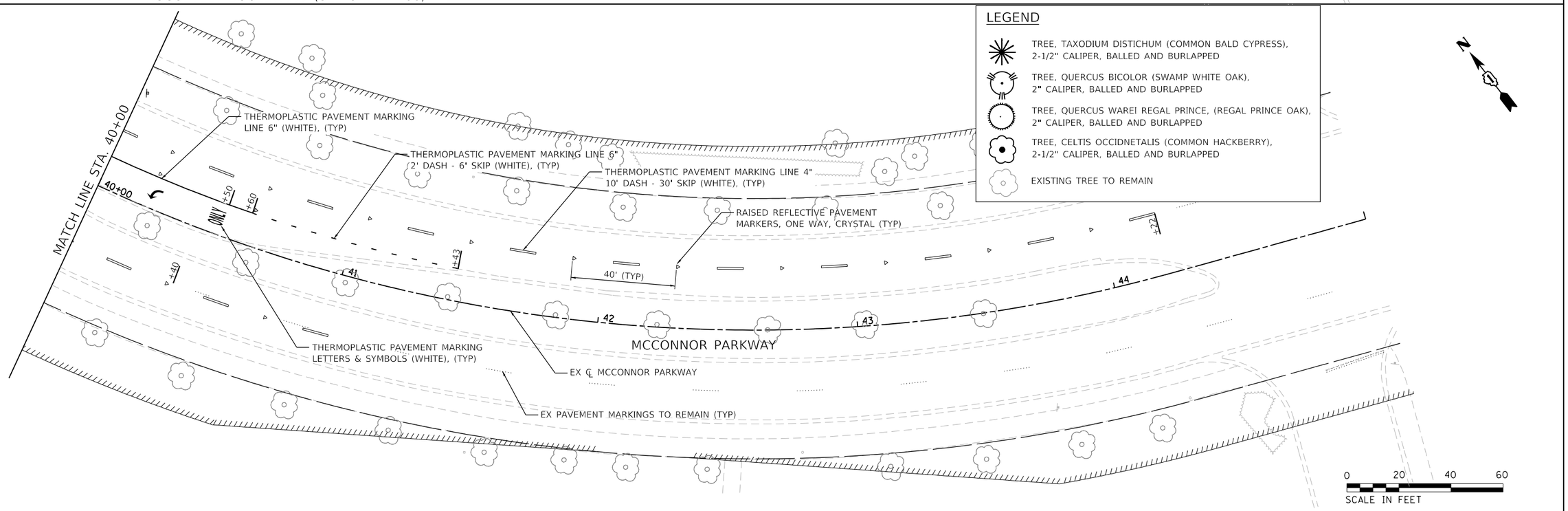
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	105

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



STATION	STATION	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
34+50.00	36+12.00	957	12	12	12
TOTAL		957	12	12	12



MODEL: Default
FILE NAME: F:\0801-078 VDS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Markings_4.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

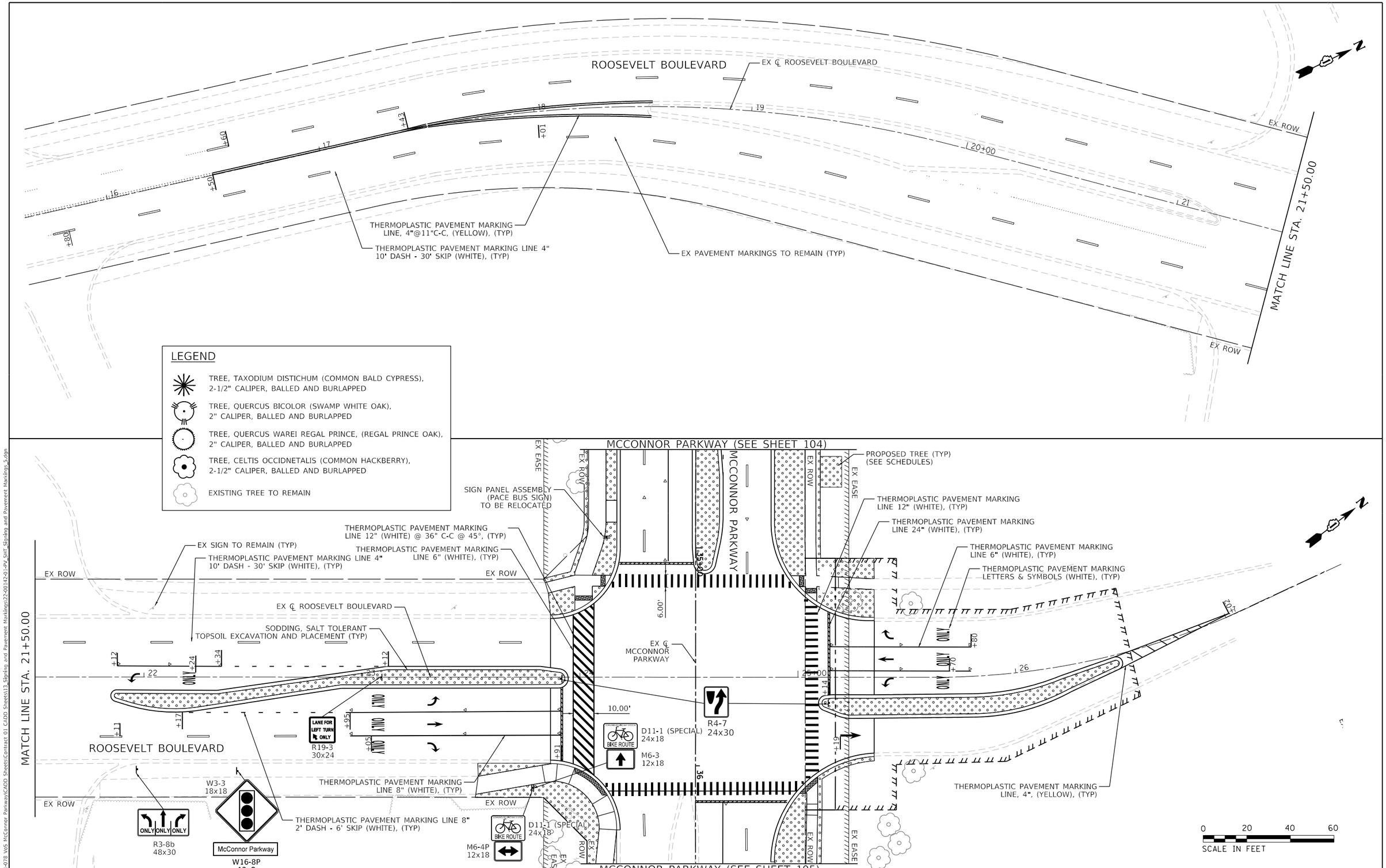
MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN

SCALE: 1"=20' | SHEET 4 OF 8PMT SHEETS | STA. 34+50 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	106

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



MODEL: Default
FILE NAME: F:\BBI\4078 W65 McConnor Parkway\CADD Sheets\Contract 01 C4DD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Markings_5.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN

SCALE: 1"=20' | SHEET 5 OF $PMT SHEETS | STA. 15+80 TO STA. 27+02

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	107
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

MCCONNOR PARKWAY - SIGNING SCHEDULE							
STATION	OFFSET	SIGN NO.	SIZE (LXH)		AREA (SF)	SIGN TYPE	POST LENGTH (FT)
10+08.77	52.43 RT	R2-1	24	30	5	1	14
10+08.78	52.43 RT	R12-1	18	24	3	1	14
10+48.33	10+48.33	R3-5R	36	30	7.5	1	16
		R3-5fP	30	12	2.5	1	16
10+59.57	46.53 RT	SPECIAL	6	12	0.5	1	13
11+60.41	40.80 RT	W3-3	18	18	3.25	1	16
		W16-8P	18	8			
11+68.97	4.70 RT	R3-8	54	30	26.25	2	14
		R2-1	30	36		1	
12+95.19	48.66 RT	R3-7R	30	30	6.25	1	14
13+96.55	47.56 LT	R3-8	54	30	11.25	2	14
14+08.54	5.85 LT	R3-8	54	30	11.25	2	14
14+15.27	52.81 LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			
15+29.10	63.86 RT	R1-1	36	36	9	1	16
15+47.15	5.69 RT	R4-7	24	30	5	1	14
15+52.90	40.86 RT	D11-1	24	18	6	1	14
		D11-1	24	18			
17+12.68	9.34 RT	R19-3	30	24	5	1	14
17+48.71	38.41 LT	W3-3	30	30	3.25	1	16
		W16-8P	18	8			
18+03.46	39.13 LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			
18+86.84	8.49 LT	R19-3	30	24	5	1	14
20+31.20	3.48 LT	R4-7	24	30	5	1	14
21+21.03	5.73 RT	R4-7	24	30	5	1	14
22+01.70	39.72' LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			
23+41.28	7.07 LT	R19-3	30	24	5	1	14
23+14.56	38.18 LT	R2-1	24	30	5	1	14
23+77.68	39.59 RT	D11-1	24	18	6	1	14
		D11-1	24	18			
23+81.53	1.40 RT	R4-7	24	30	5	1	14
24+58.54	5.30 RT	R4-7	24	30	5	1	14
25+31.46	39.12 RT	R2-1	24	30	5	1	14
26+46.94	9.32 RT	R19-3	30	24	5	1	14
26+01.96	37.53 LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			
27+73.80	9.02 LT	R-19-3	30	24	5	1	14
29+43.98	5.06 LT	R4-7	24	30	5	1	14
30+19.43	8.12 LT	R4-7	24	30	5	1	14
31+02.08	38.70 RT	D11-1	24	18	3	1	14
31+33.68	38.70 RT	W3-3	30	30	7.25	1	16
		W16-8P	18	8			
31+66.43	8.10 RT	R4-7	24	30	5	1	14
32+29.56	9.25 RT	R19-3	30	24	10	1	14
		R4-7	24	30			
33+04.30	38.15 LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			

MCCONNOR PARKWAY - SIGNING SCHEDULE							
34+66.90	8.33 LT	R19-3	30	24	5	1	14
35+06.80	4.28 LT	R4-7	24	30	5	1	14
36+10.24	74.29 RT	D11-1	24	18	6	1	14
		D11-1	24	18			
36+14.32	3.88 RT	R4-7	24	30	5	1	14
36+49.25	47.84 RT	D11-1	24	18	6	1	14
		D11-1	24	18			

ROOSEVELT BOULEVARD- SIGNING SCHEDULE							
STATION	OFFSET	SIGN NO.	SIZE (LXH)		AREA (SF)	SIGN TYPE	POST LENGTH (FT)
21+96.44	41.90 RT	R3-8B	48	30	10	1	14
22+42.52	42.61 RT	W3-3	18	18	2.92	1	16
		W16-8P	12	8			
23+40.87	7.05' LT	R19-3	30	24	5	1	14
23+78.35	51.31 RT	D11-1	24	18	4.5	1	14
		M6-4P	12	18			
22+01.70	39.72' LT	SPECIAL	6	12	1	1	13
		SPECIAL	6	12			

MODEL: Default
FILE NAME: F:\BSI\4078 WS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Signing and Pavement Markings\22-00142-01-PV_SHT_Signing and Pavement Markings_Table.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

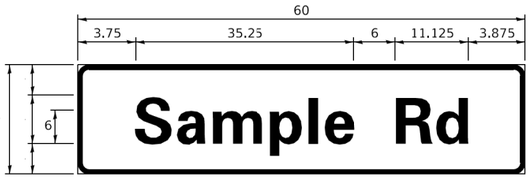
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

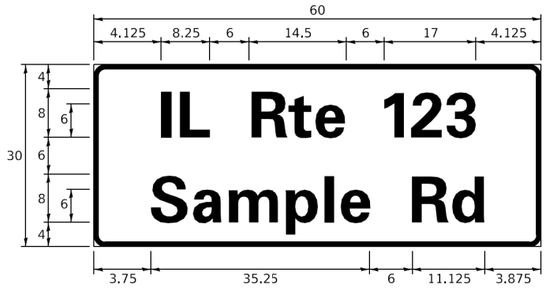
MCCONNOR PARKWAY RECONSTRUCTION
PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN

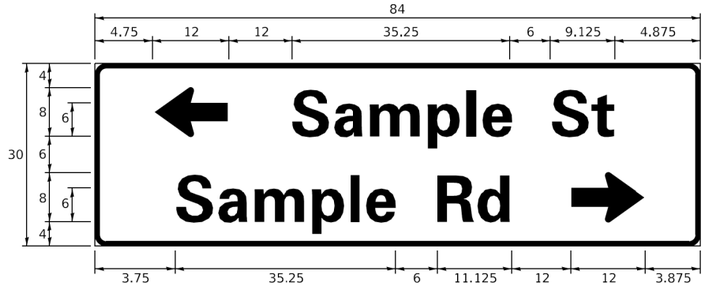
SCALE: N/A | SHEET 6 OF $PMT SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	108
		CONTRACT NO. 61L37		
		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	ABBREVATION	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

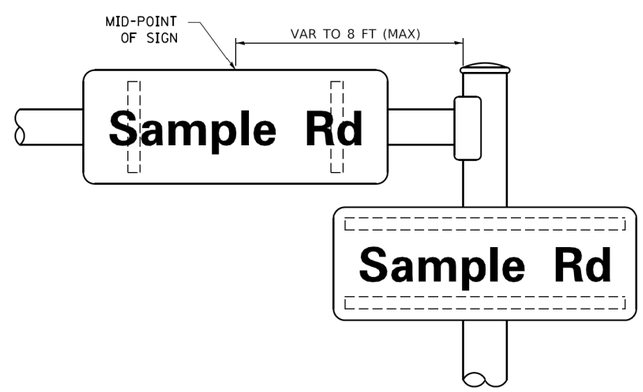
1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE 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.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. 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.
4. 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.
5. 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.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:	PARTS LISTING:	
- J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA	SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
	SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
- WESTERN REMAC, INC. WOODRIDGE, IL	BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

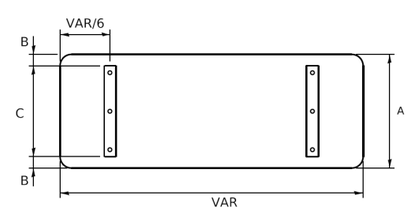
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

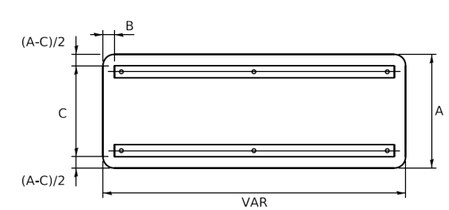
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



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



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

STANDARD ALPHABETS SPACING CHART

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

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	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	4.962	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	3.362	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	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	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	4.962	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

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	RR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H H	H H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G Y G P	R Y G Y G P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G Y G P RB	R Y G Y G P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\ts05.dgn

USER NAME = footemj	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	110
	TS-05	CONTRACT NO. 61L37		
		ILLINOIS	FED. AID PROJECT	

ts05.dgn 3/4/2019 11:21:59 AM User -footemj

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

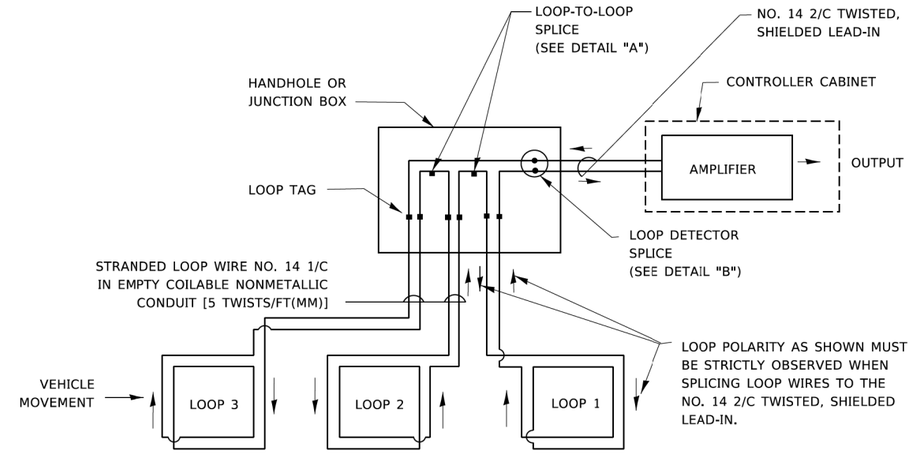
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

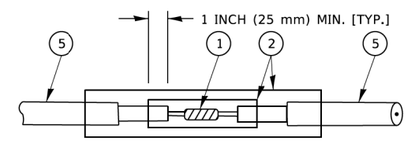
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

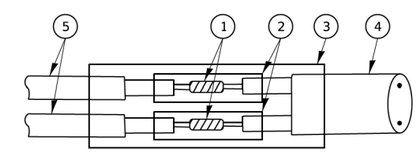


DETECTOR LOOP WIRING SCHEMATIC

- 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.

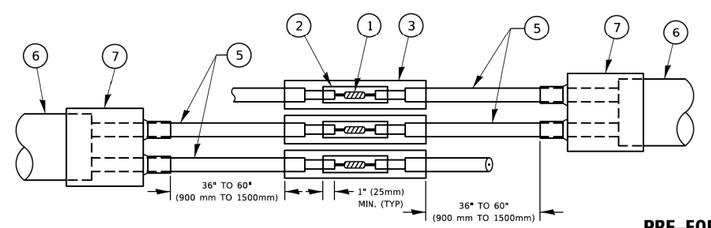


DETAIL "A"
LOOP-TO-LOOP SPLICE



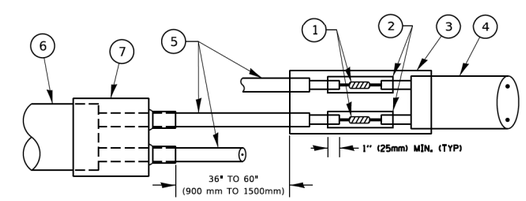
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



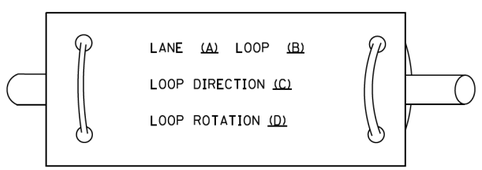
DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP LEAD-IN CABLE TAG



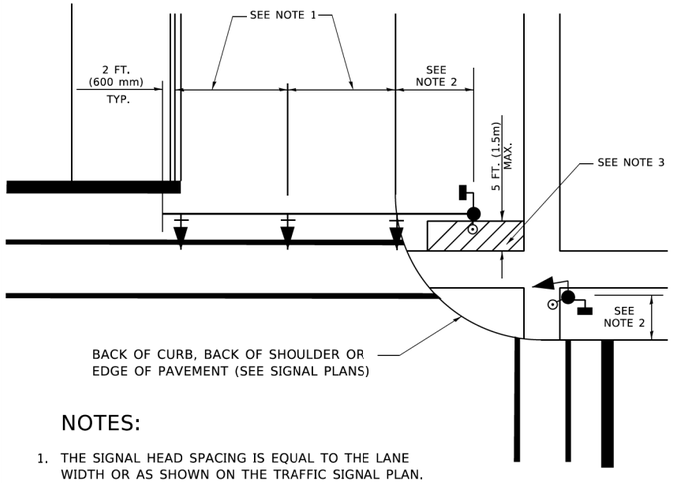
A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

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 LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
6. XL POLYOLEFIN 2 CONDUCTOR
7. BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

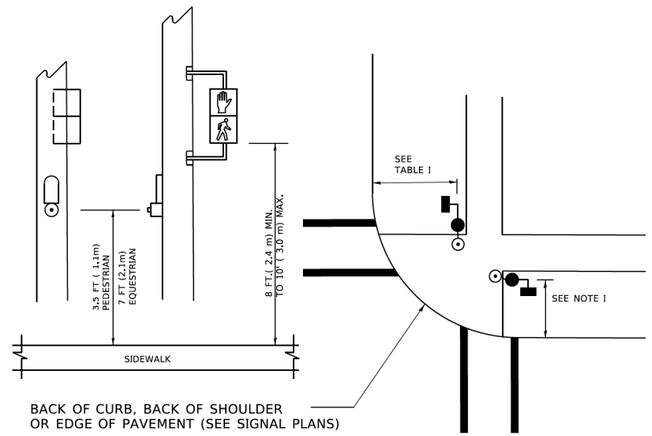
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

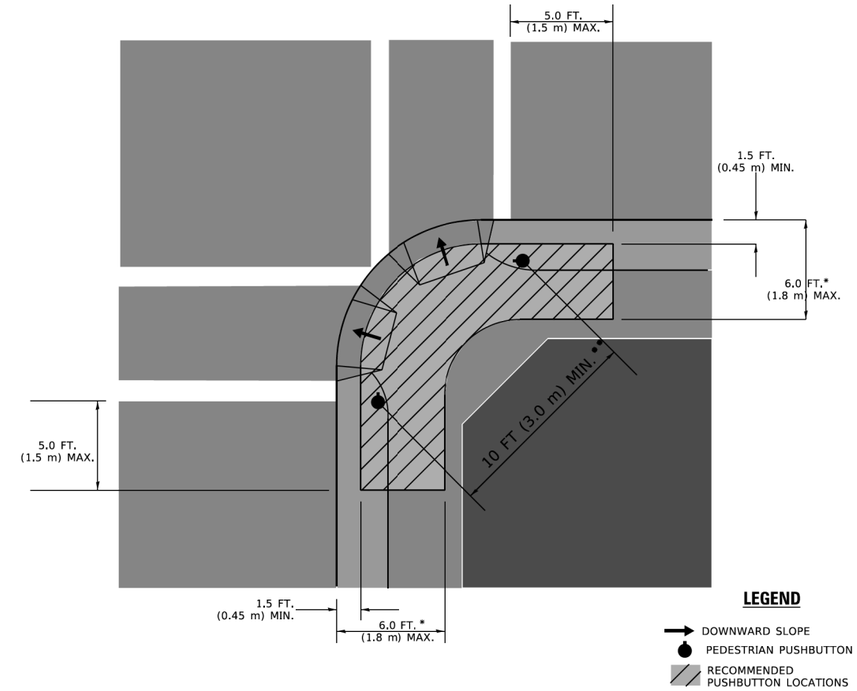
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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:

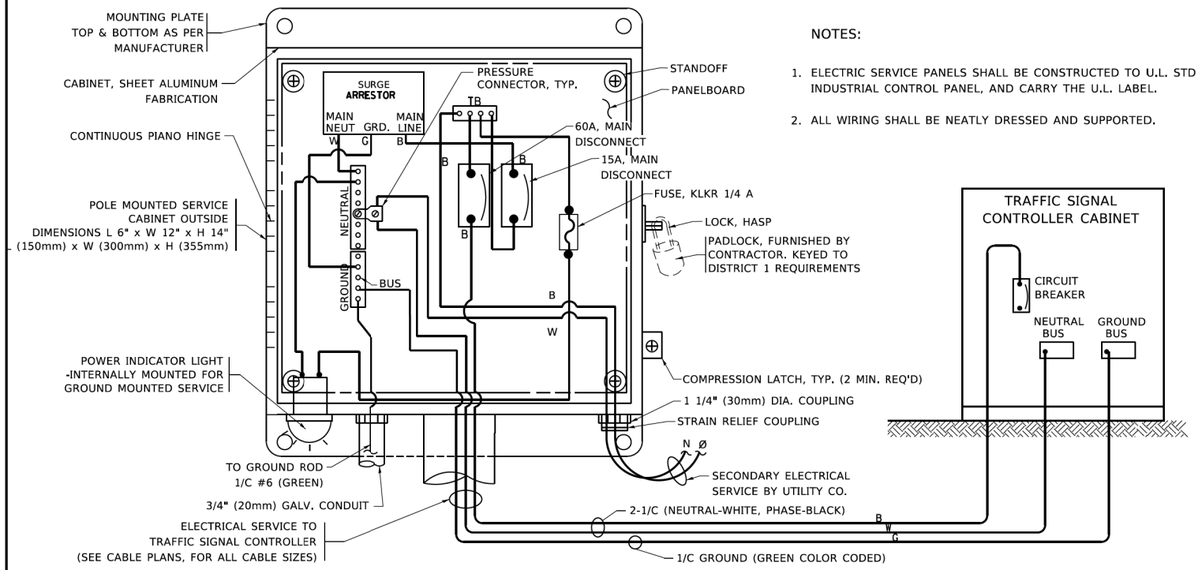
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM 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 TOTHE 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.



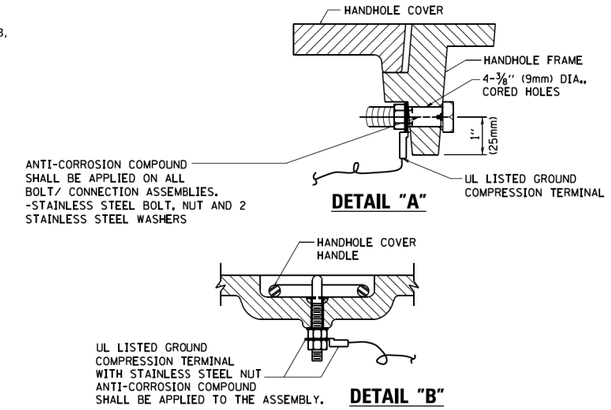
NOTES:

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)

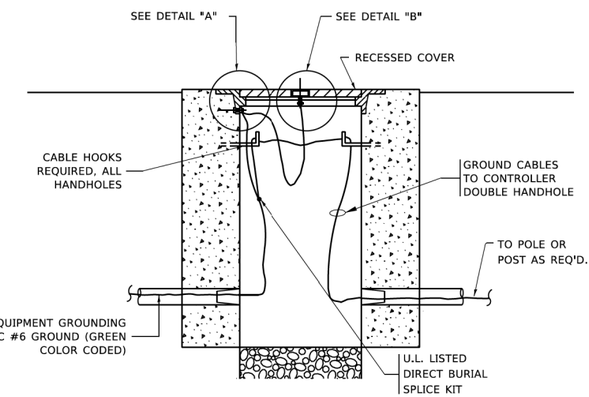
(NOT TO SCALE)



NOTES:

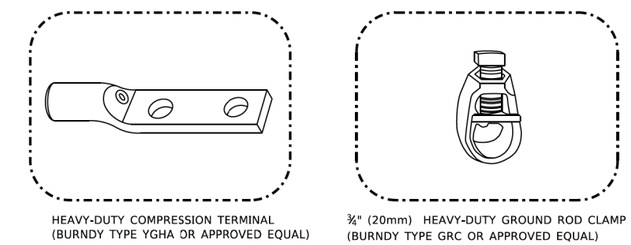
GROUNDING SYSTEM

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



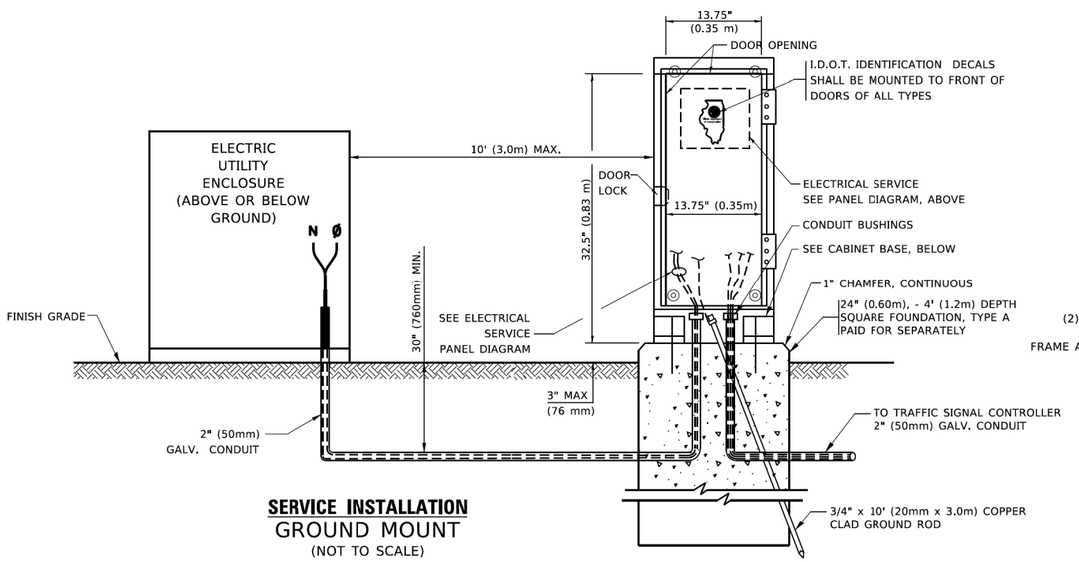
HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



NOTES:

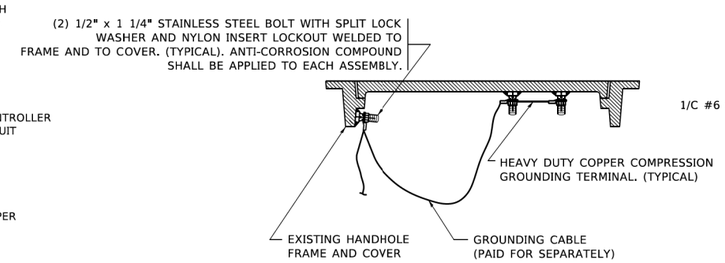
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

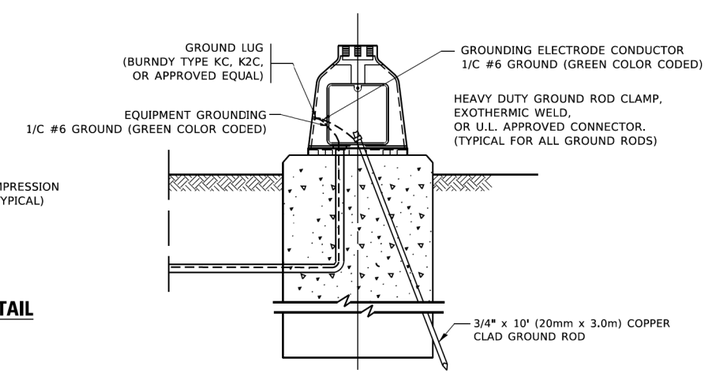
GROUND MOUNT

(NOT TO SCALE)



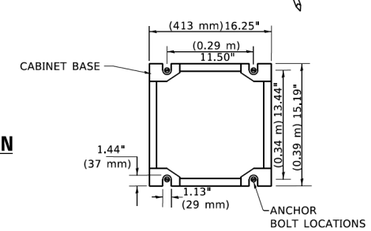
EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)



CABINET – BASE BOLT PATTERN

(NOT TO SCALE)

USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

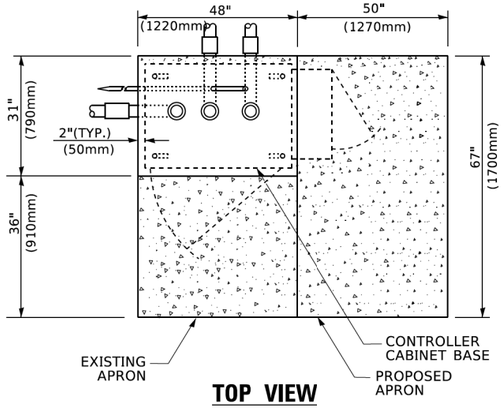
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. N/A TO STA. N/A

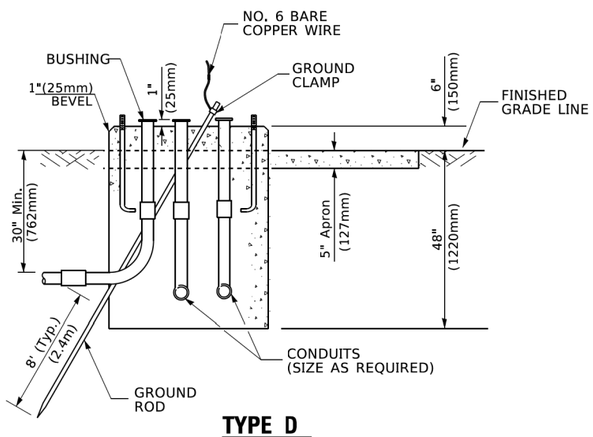
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	113
	TS-05	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist51d22x34\CADData\CADsheets\ts05.dgn

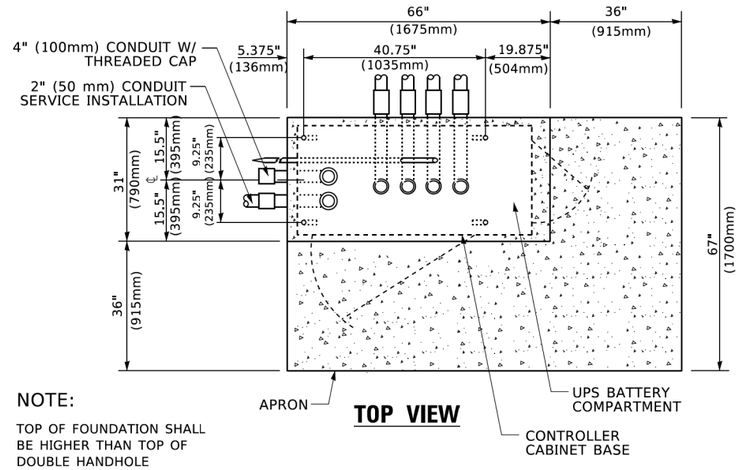
ts05.dgn 3/4/2019 11:23:10 AM User=footemj



TOP VIEW



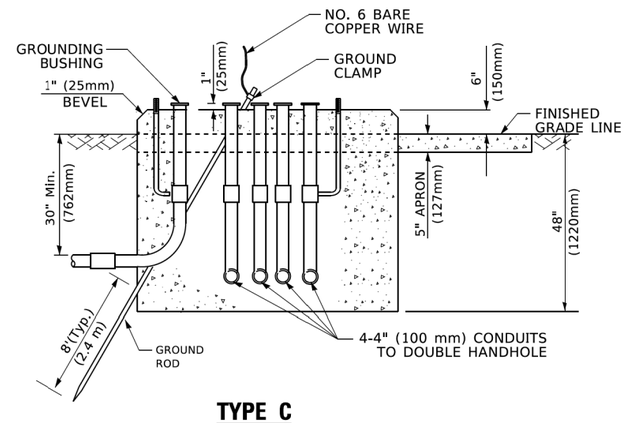
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



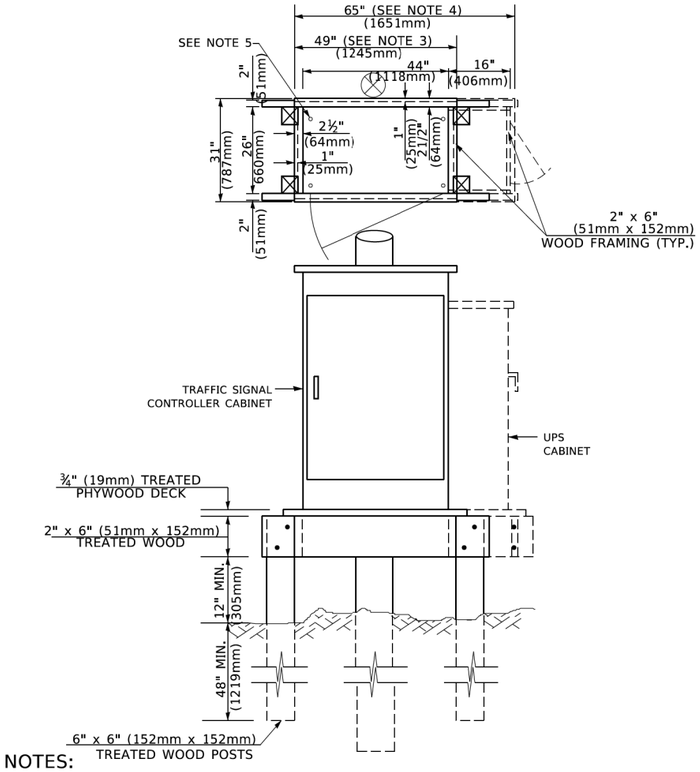
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



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)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up 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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\Std22x34\CADData\CADsheets\ts05.dgn

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

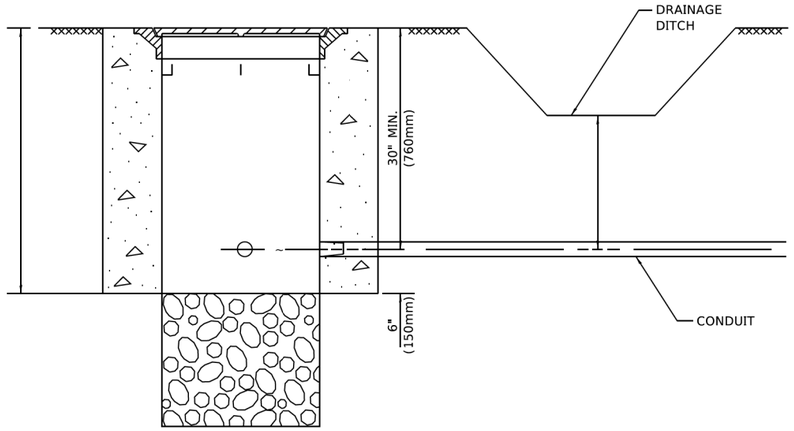
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. N/A | TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	114
	TS-05	CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		

ts05.dgn 3/4/2019 11:23:29 AM User --footemj

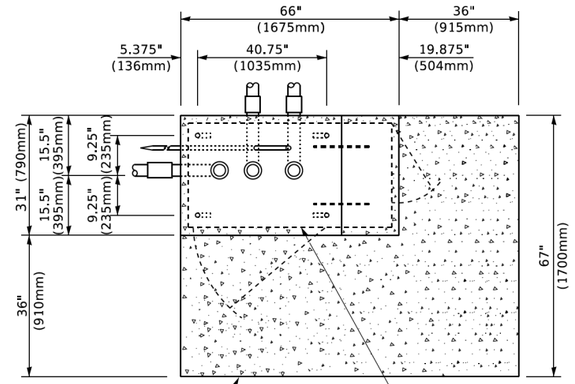


NOTES:

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

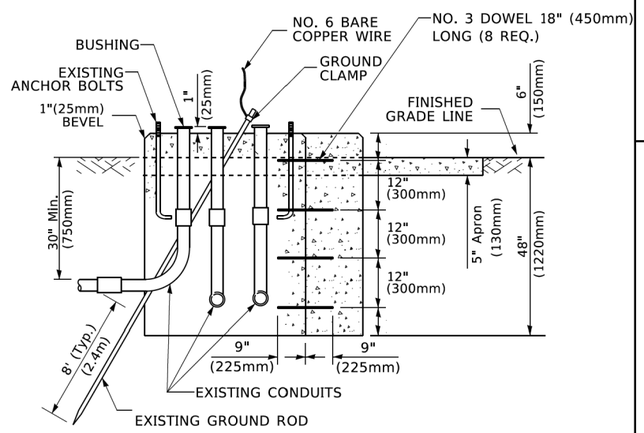
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



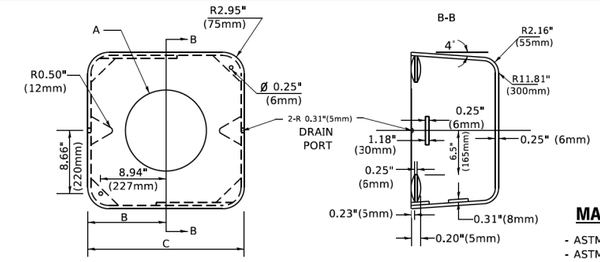
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

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

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

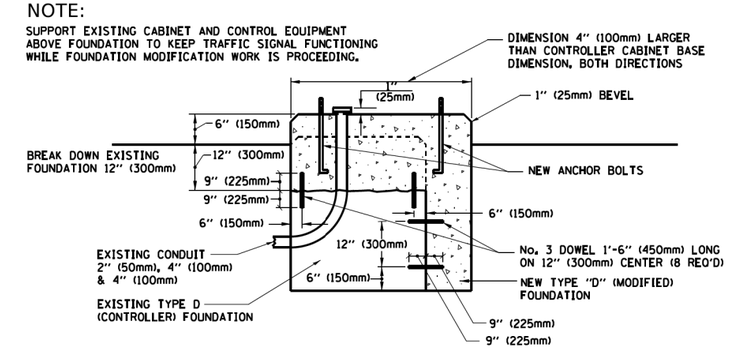
SHROUD

NOTES:

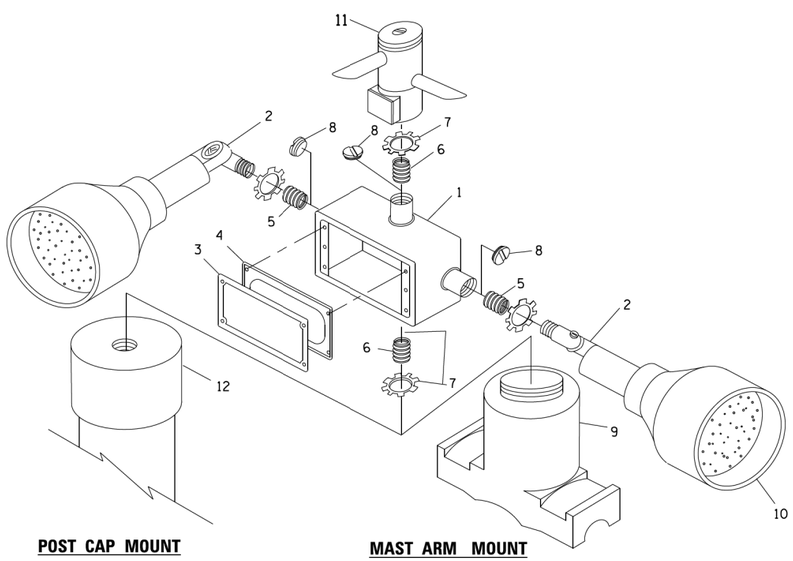
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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



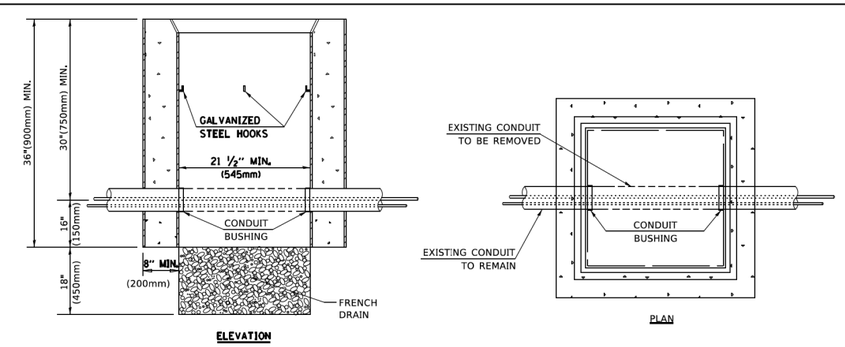
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

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	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(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.



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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\ts05.dgn

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

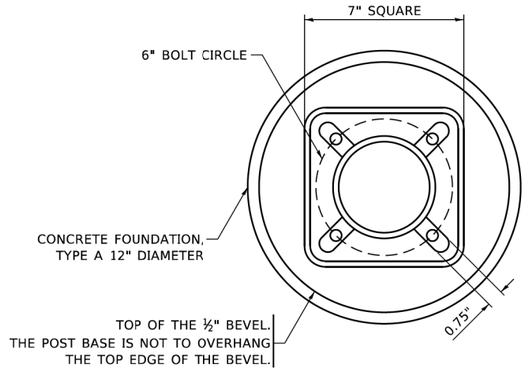
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	115
	TS-05	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

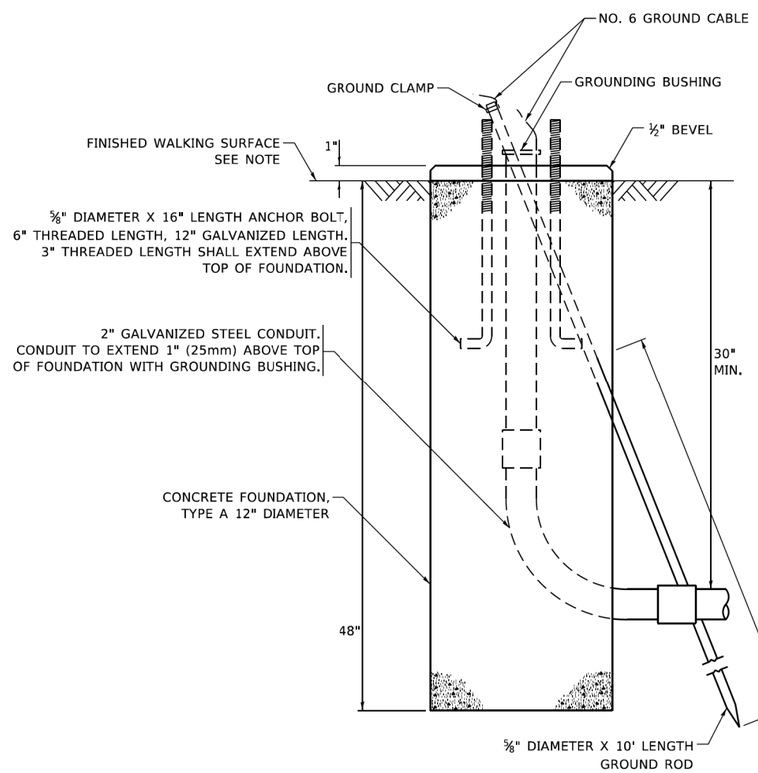
ts05.dgn 3/4/2019 11:23:51 AM User=footemj



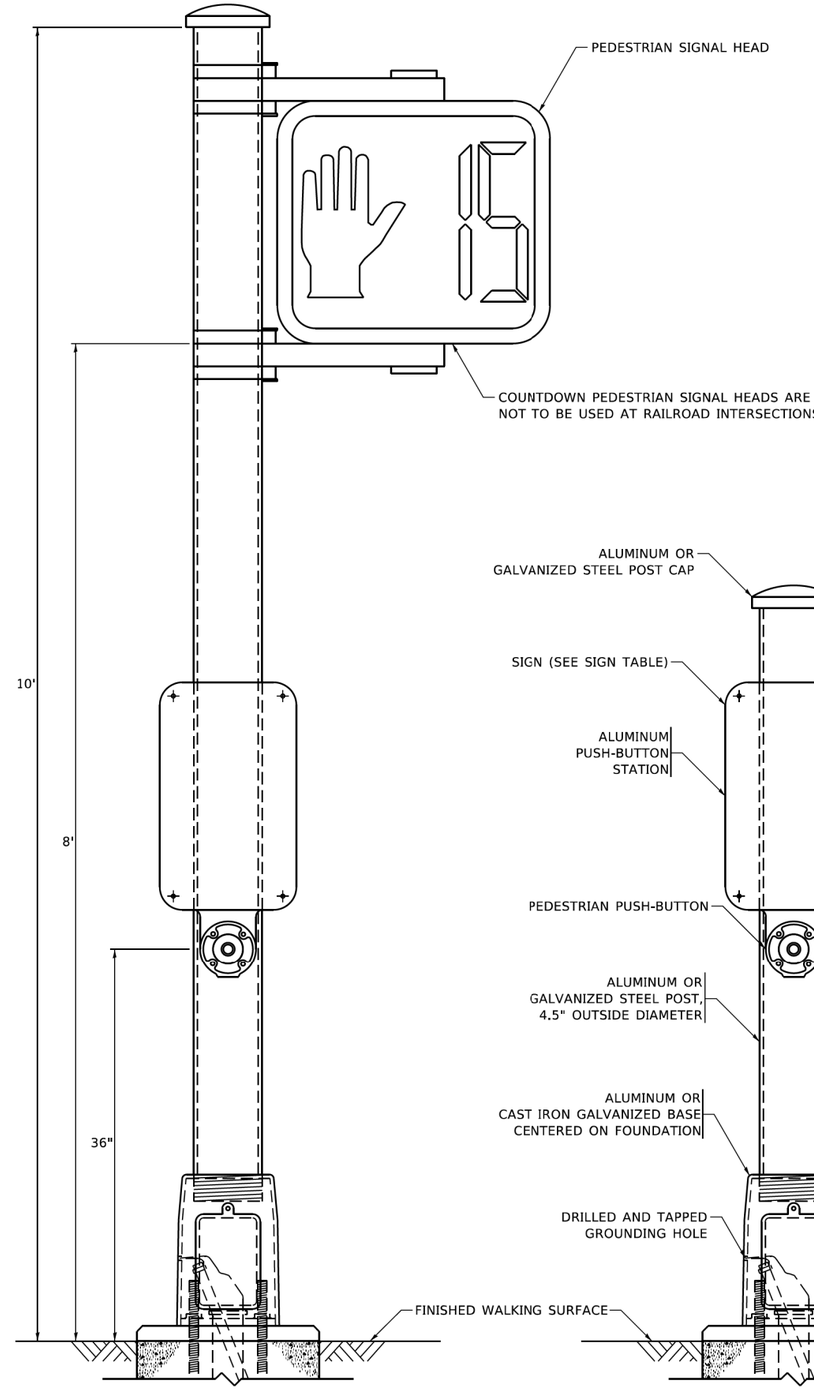
BOLT PATTERN

NOTE:

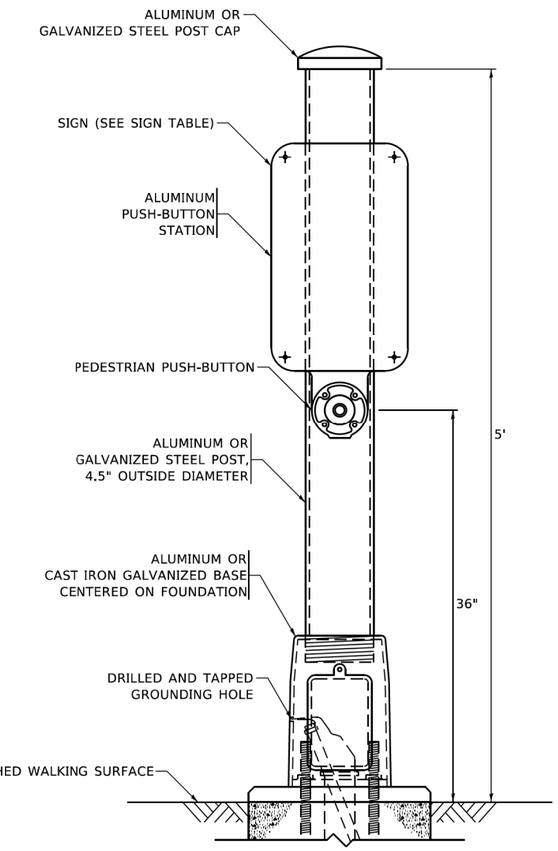
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



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.

MODEL: Default
FILE NAME: pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x334\CADData\CADsheets\ts05.dgn

USER NAME = gaglianobt	DESIGNED - IP	REVISED - 10-15-2020	
	DRAWN - IP	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 11/23/2020	DATE - 10-15-2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	116
	TS–05	CONTRACT NO. 61L37		
		ILLINOIS	FED. AID PROJECT	

REMOVAL NOTES:

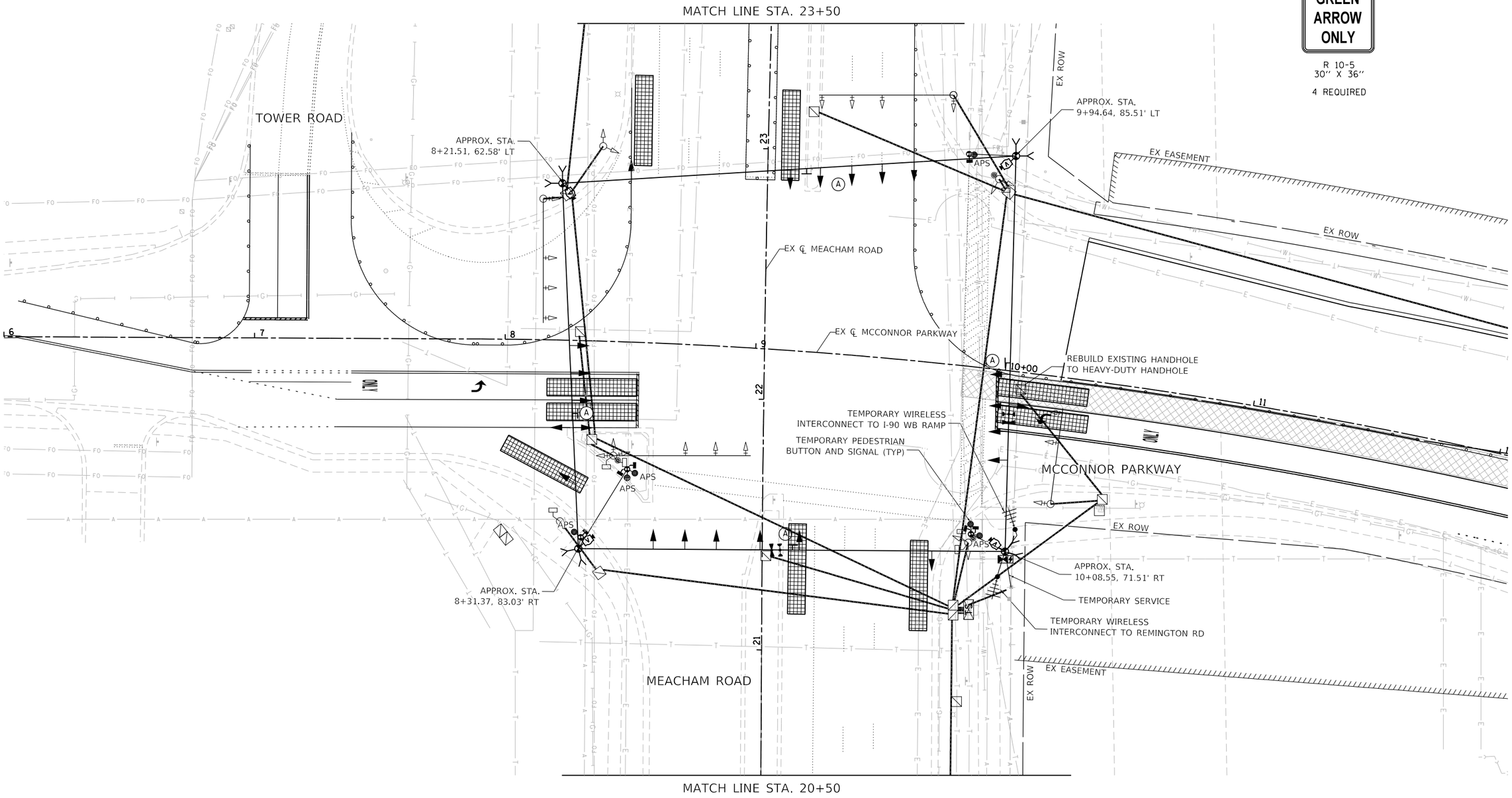
EXISTING EQUIPMENT TO STAY IN PLACE BUT REMAINED BAGGED DURING CONSTRUCTION

SIGN (A)

LEFT ON GREEN ARROW ONLY

R 10-5
30" X 36"

4 REQUIRED



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS STAGE 01 Meacham.dgn

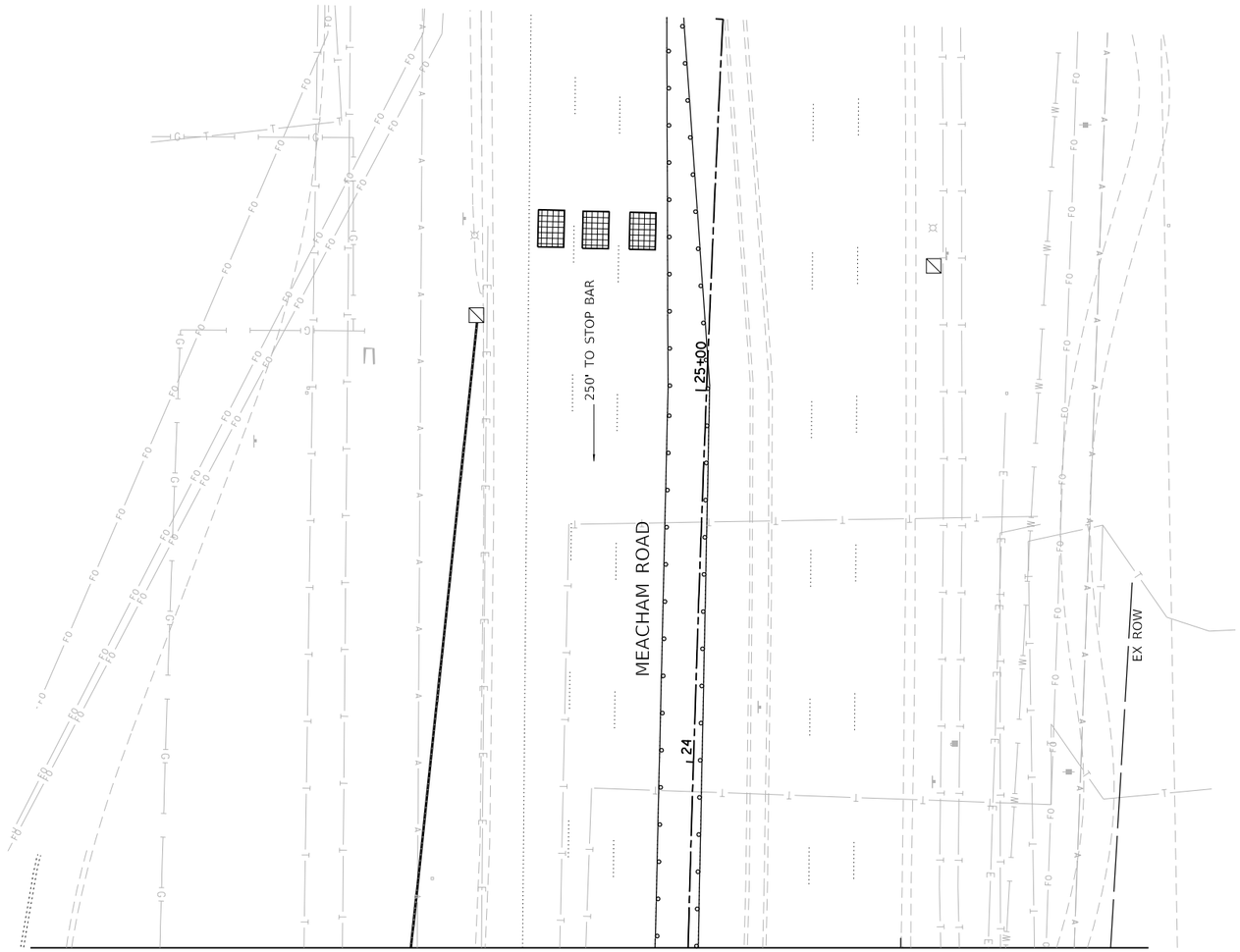
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0044 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
MCCONNOR PARKWAY AT MEACHAM ROAD

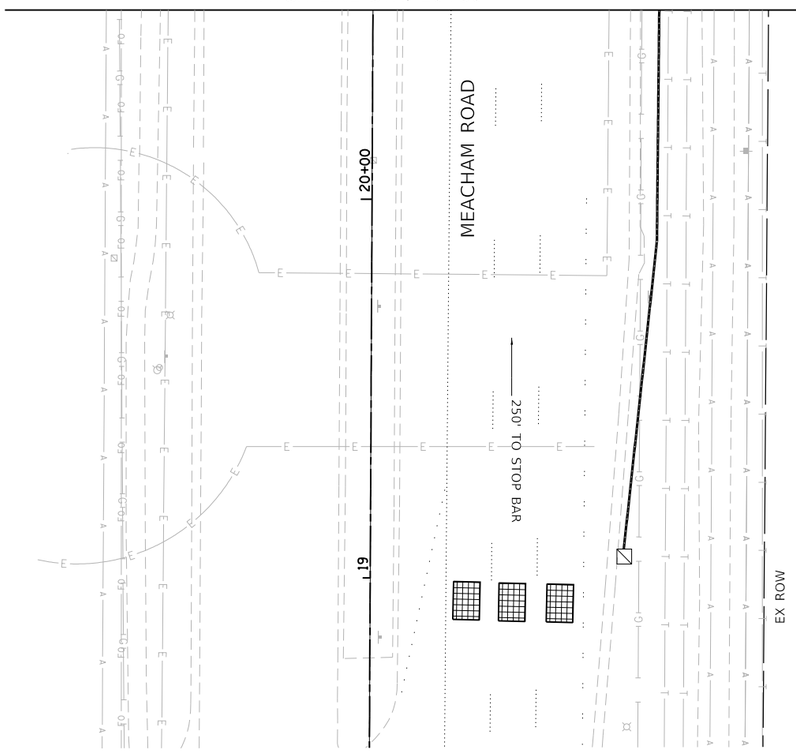
SCALE: 1"=20' | SHEET 1 OF 10 SHEETS | STA. 20+50 TO STA. 23+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	117
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 23+50

MATCH LINE STA. 20+50



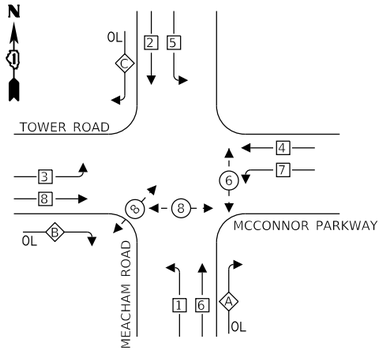
N

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS STAGE 01 Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN MCCONNOR PARKWAY AT MEACHAM ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JR	REVISED -			7008	22-00142-01-PV	COOK	204 / 118
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -					CONTRACT NO. 61L37	
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA. 19+50 TO STA. 26+00		ILLINOIS FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE



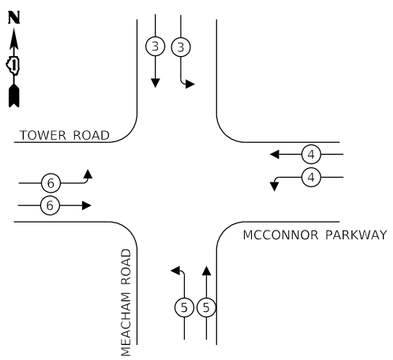
LEGEND:

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	6	+	7
B	=	8	+	1
C	=	2	+	3

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

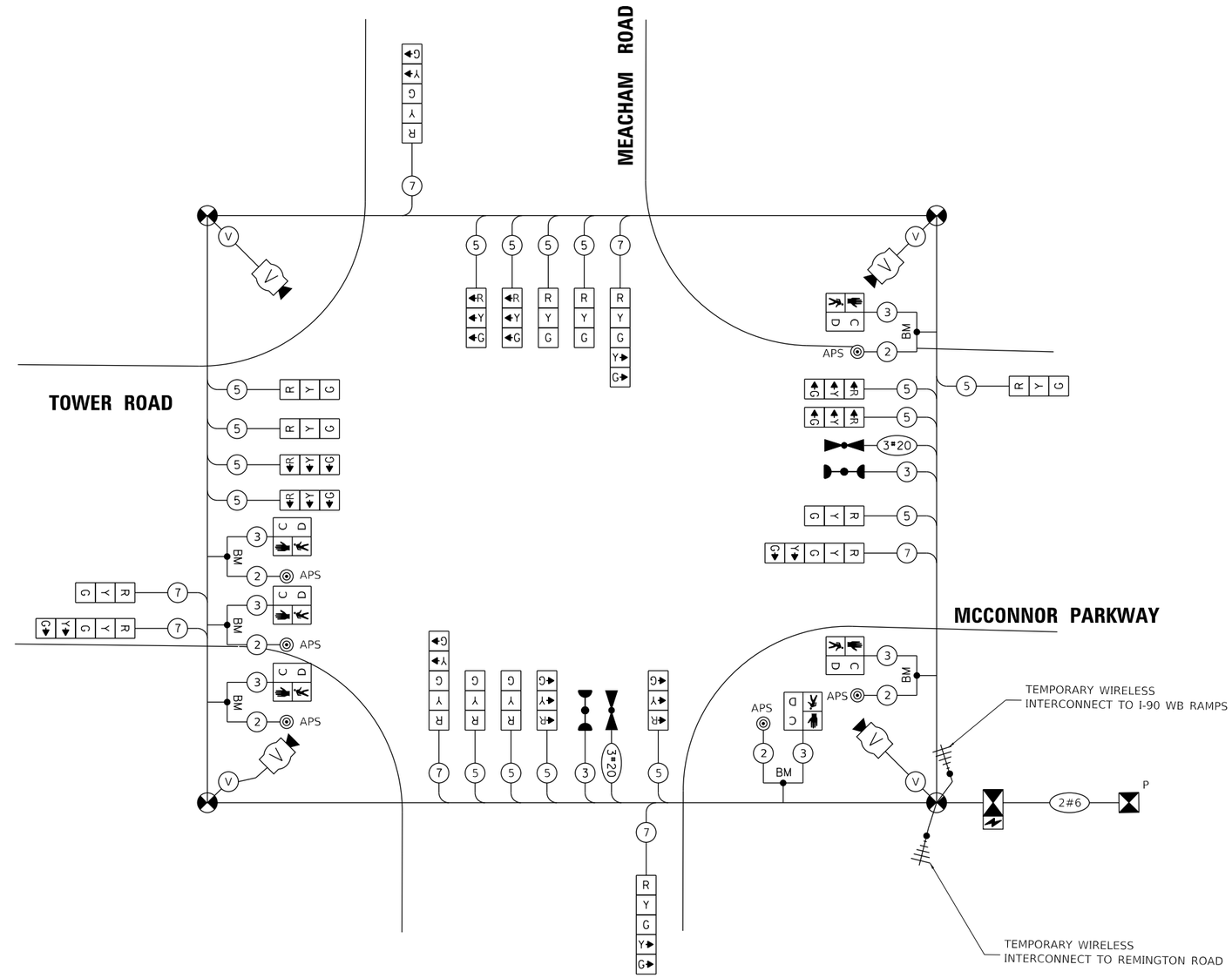
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	75.0
(YELLOW)	15	20	5	9.8
(GREEN)	15	12	45	67.5
PERMISSIVE ARROW	36	10	10	36.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
PTZ CAMERA	-	60	5	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	400	-	-
			TOTAL =	423.3

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

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



CABLE PLAN

(NOT TO SCALE)

TS 5610
EAGLE XX

MODEL: Default
FILE NAME: F38R1-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 01 Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0100 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 – TEMPORARY TRAFFIC CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
MCCONNOR PARKWAY AT MEACHAM ROAD

SCALE: NTS | SHEET 3 OF 10 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	119
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

SIGN (A)

LEFT ON GREEN ARROW ONLY

R 10-5
30" X 36"

4 REQUIRED

N

MATCH LINE STA. 23+50

TOWER ROAD

APPROX. STA.
8+21.51, 62.58' LT

APPROX. STA.
9+94.64, 85.51' LT

EX EASEMENT

EX ROW

EX ℄ MEACHAM ROAD

EX ℄ MCCONNOR PARKWAY

ONLY

SIGNAL HEAD TO BE BAGGED IN STAGE 2

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON
TO BE BAGGED AND DEACTIVATED THIS STAGE

TEMPORARY WIRELESS
INTERCONNECT TO I-90 WB RAMP

TEMPORARY PEDESTRIAN
BUTTON AND SIGNAL (TYP)

MCCONNOR PARKWAY

APS

APPROX. STA.
8+31.37, 83.03' RT

APPROX. STA.
10+05.40, 58.21' RT

TEMPORARY WIRELESS
INTERCONNECT TO REMINGTON ROAD

MEACHAM ROAD

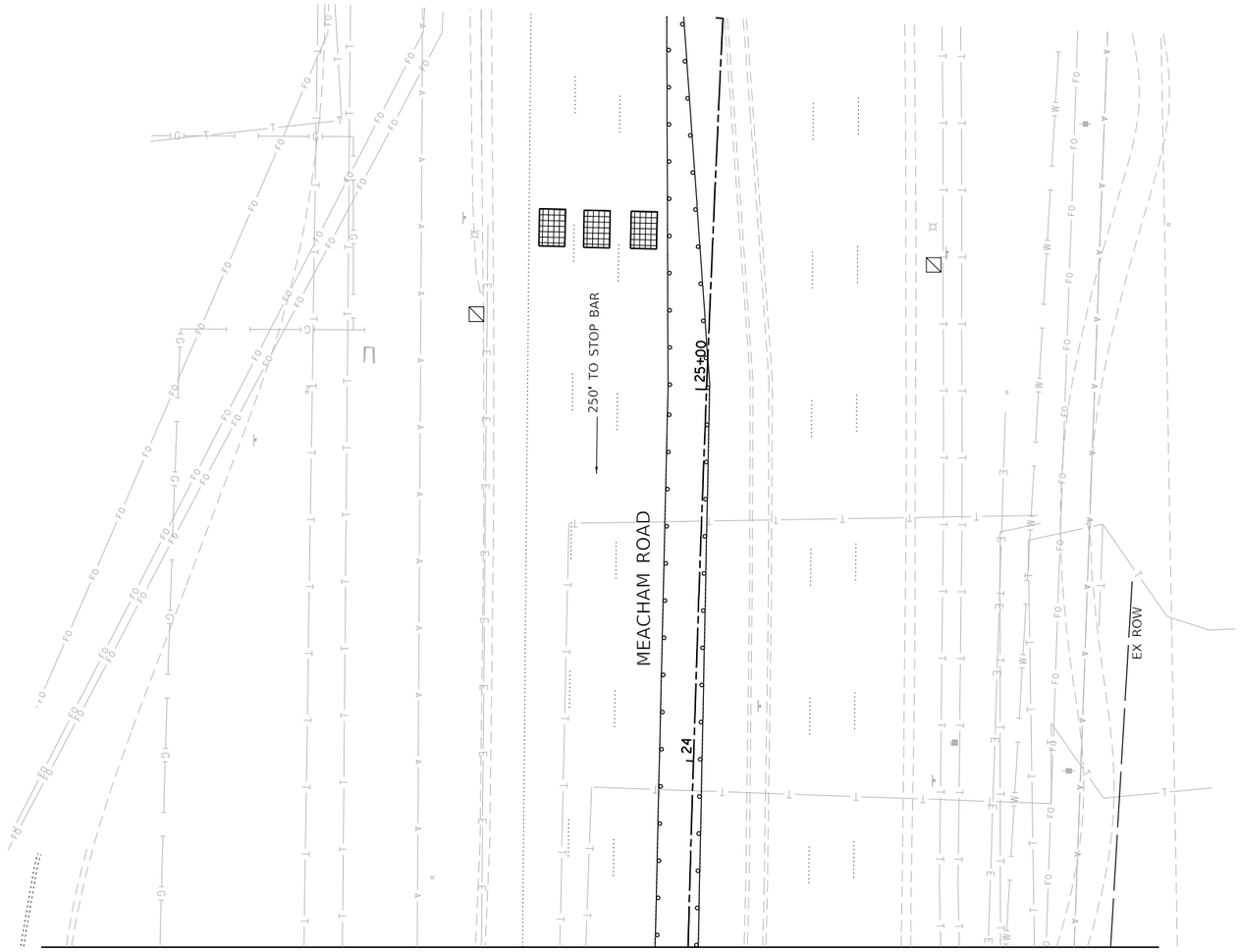
MATCH LINE STA. 20+50

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 WS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS STAGE 02_Meacham.dgn

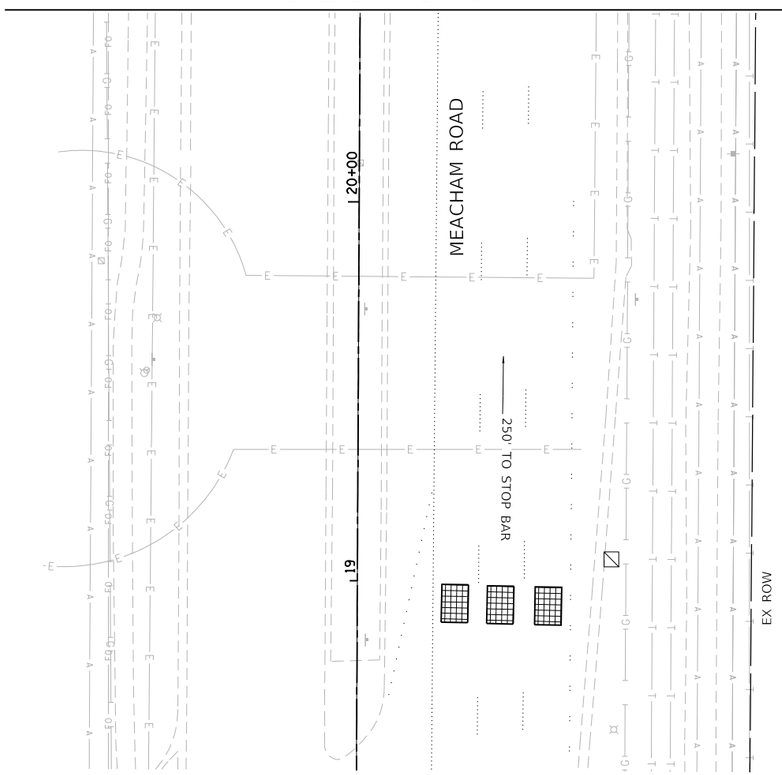
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT MEACHAM ROAD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA. 20+50 TO STA. 23+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	120
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 23+50

MATCH LINE STA. 20+50



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15-Traffic Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 02_Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT MEACHAM ROAD

SCALE: 1"=20' | SHEET 5 OF 10 SHEETS | STA. 19+50 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	121

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT

SIGN (A)

LEFT ON GREEN ARROW ONLY

R 10-5
30" X 36"

4 REQUIRED

N

MATCH LINE STA. 23+50

TOWER ROAD

APPROX. STA.
8+21.51, 62.58' LT

APPROX. STA.
9+94.64, 85.51' LT

EX ROW

EX EASEMENT

EX ℄ MEACHAM ROAD

EX ℄ MCCONNOR PARKWAY

ONLY

SIGNAL HEAD TO BE BAGGED IN STAGE 2

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON
TO BE BAGGED AND DEACTIVATED THIS STAGE

TEMPORARY WIRELESS
INTERCONNECT TO I-90 WB RAMP

TEMPORARY PEDESTRIAN
BUTTON AND SIGNAL (TYP)

MCCONNOR PARKWAY

APS

APPROX. STA.
8+31.37, 83.03' RT

APPROX. STA.
10+08.55, 71.51' RT

TEMPORARY WIRELESS
INTERCONNECT TO REMINGTON ROAD

MEACHAM ROAD

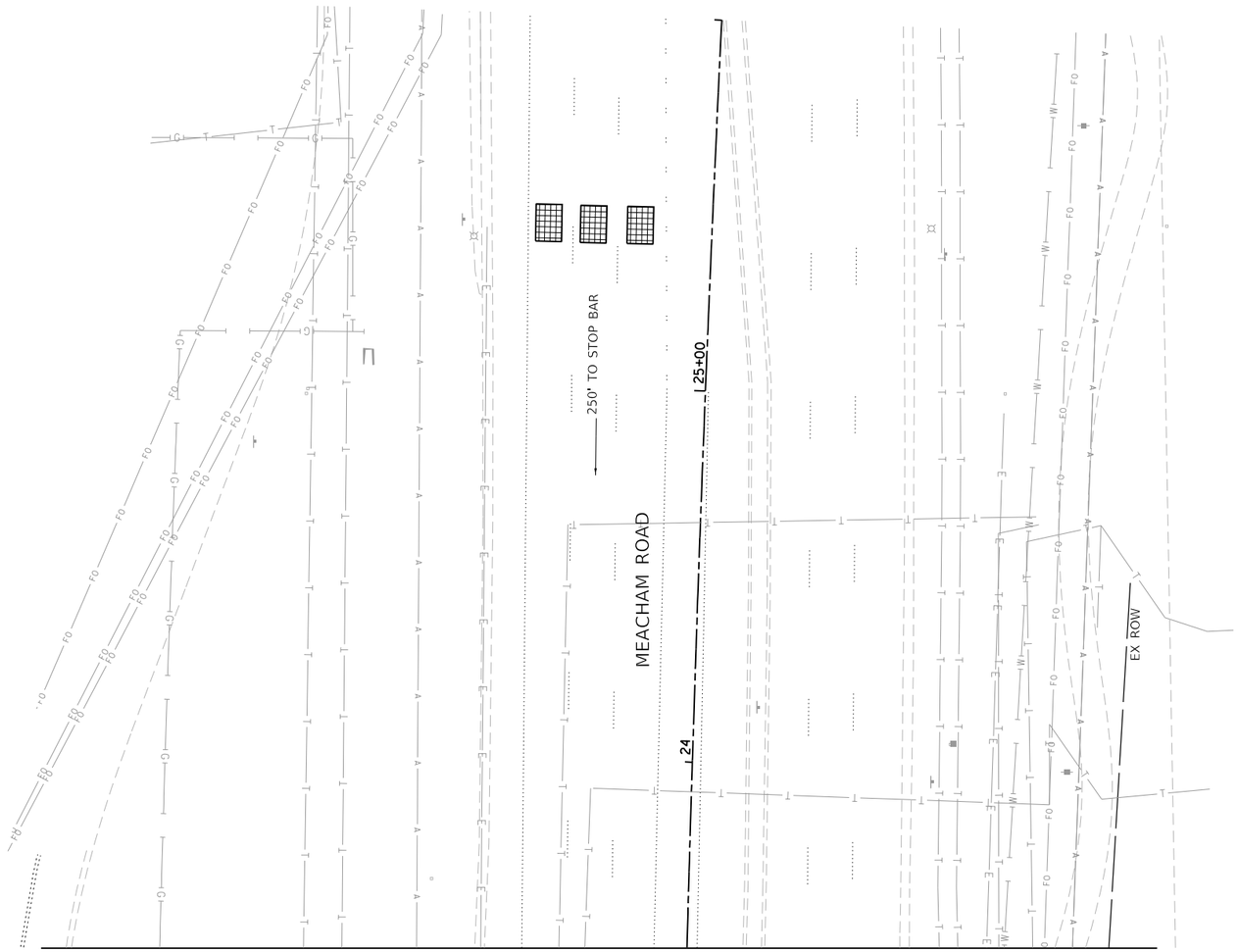
MATCH LINE STA. 20+50

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic_Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 02W_Meacham.dgn

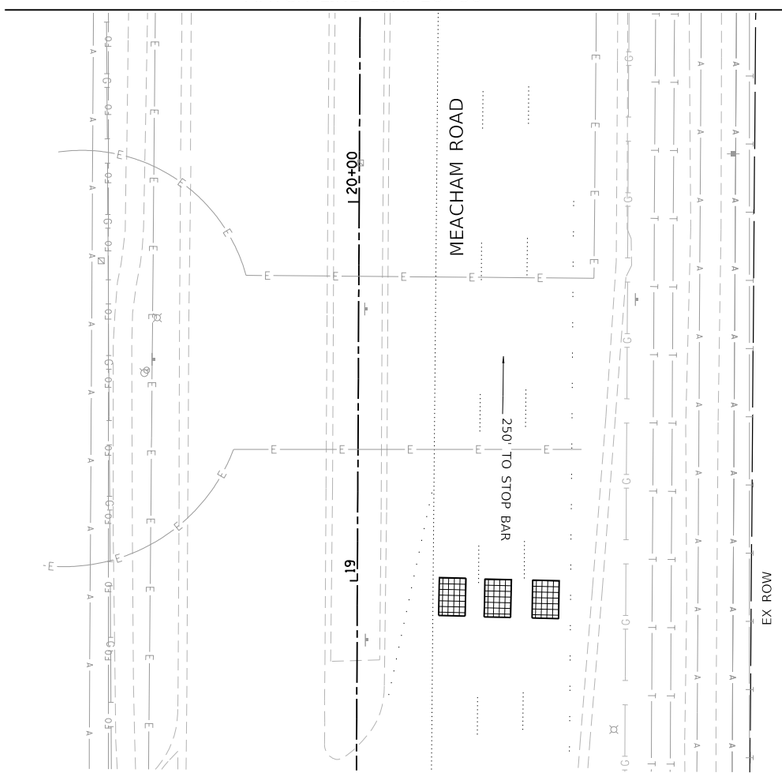
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WINTER STAGE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT MEACHAM ROAD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. 20+50 TO STA. 23+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	122
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 23+50

MATCH LINE STA. 20+50



N

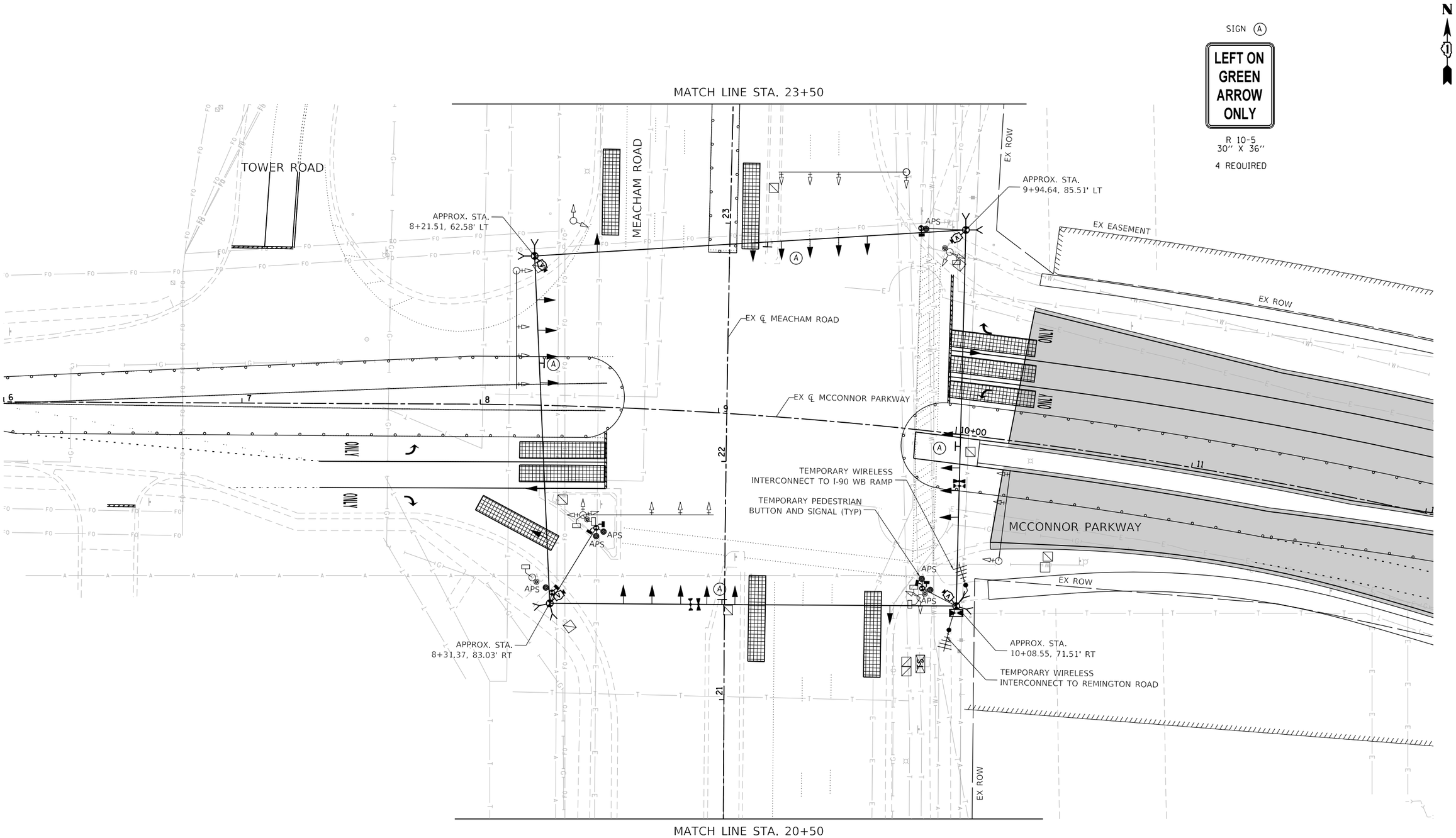
0 20 40 60

SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS STAGE 02W Meacham.dgn

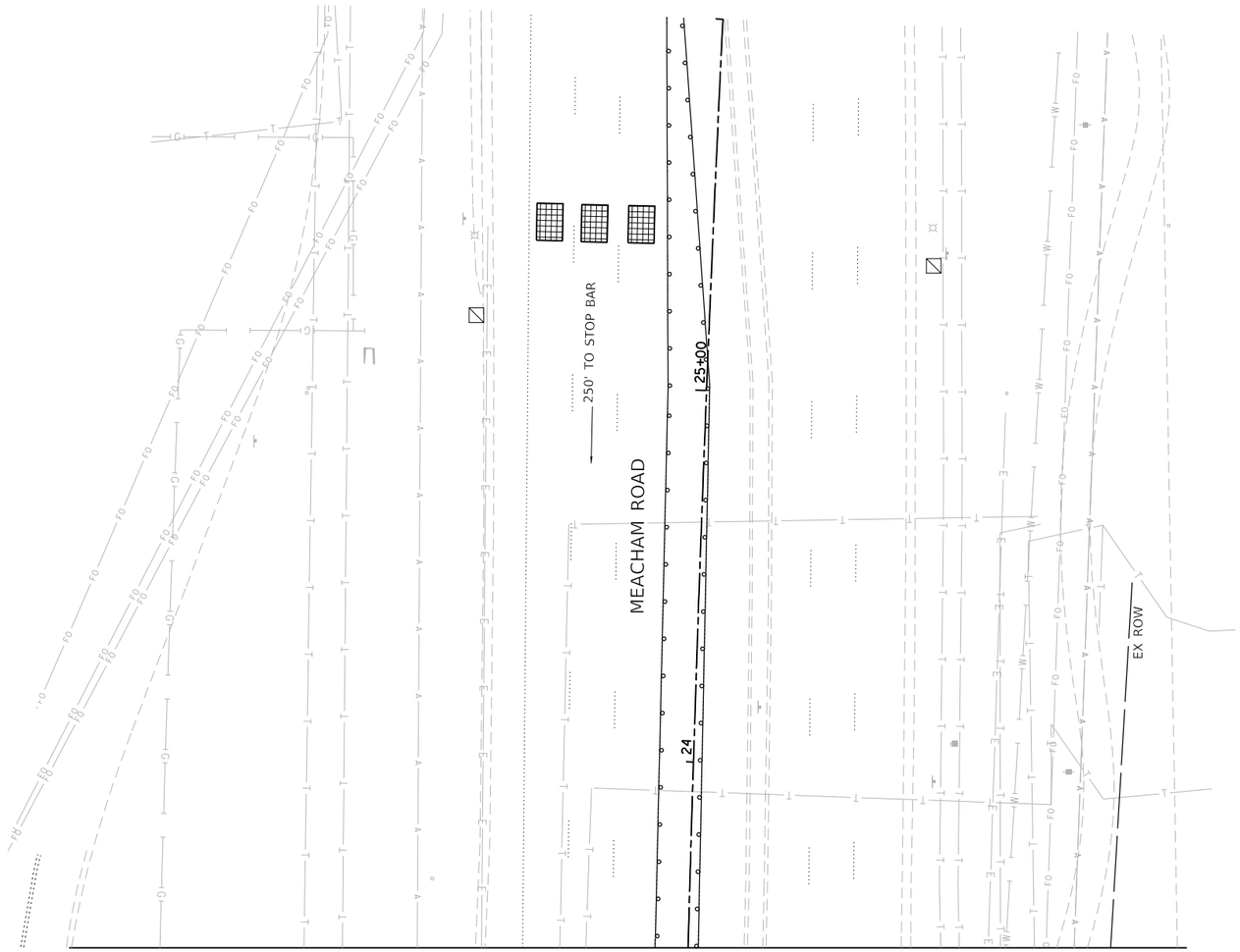
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WINTER STAGE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT MEACHAM ROAD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 19+50 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	123
		CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		



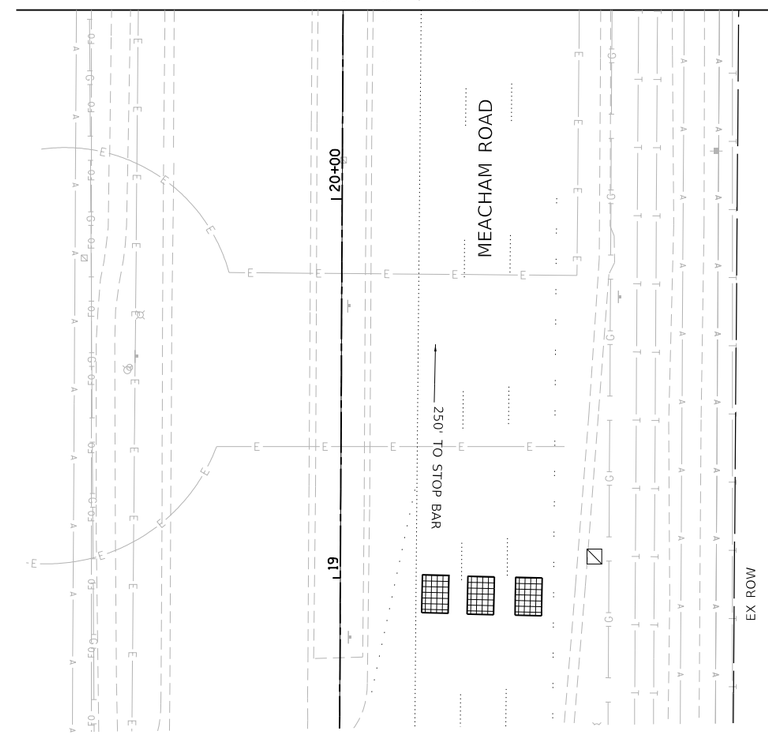
MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 03-Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 3 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT MEACHAM ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JR	REVISED -			7008	22-00142-01-PV	COOK	204	124
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -					CONTRACT NO. 61L37		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 8 OF 10 SHEETS STA. 20+50 TO STA. 23+50		ILLINOIS FED. AID PROJECT			



MATCH LINE STA. 23+50

MATCH LINE STA. 20+50



N

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_Sht_TEMP TRAFFIC SIGNALS STAGE 03 Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

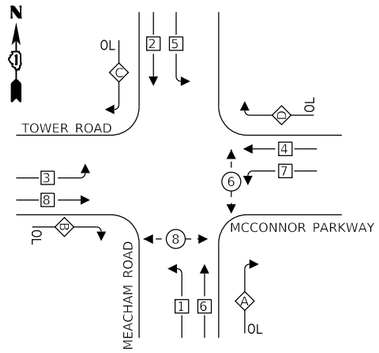
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 3 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT MEACHAM ROAD

SCALE: 1"=20' | SHEET 9 OF 10 SHEETS | STA. 19+50 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	125
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE



LEGEND:

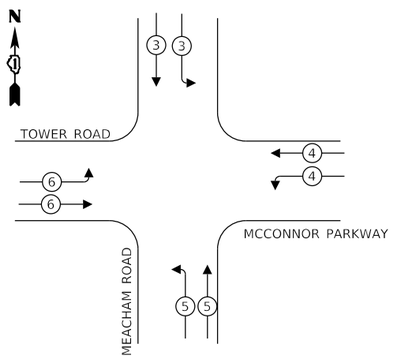
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	6	+	7
B	=	8	+	1
C	=	2	+	3
D	=	4	+	5

NOTE: "C" RIGHT TURN OVERLAP SHALL BE DEACTIVATED FOR STAGE 3

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

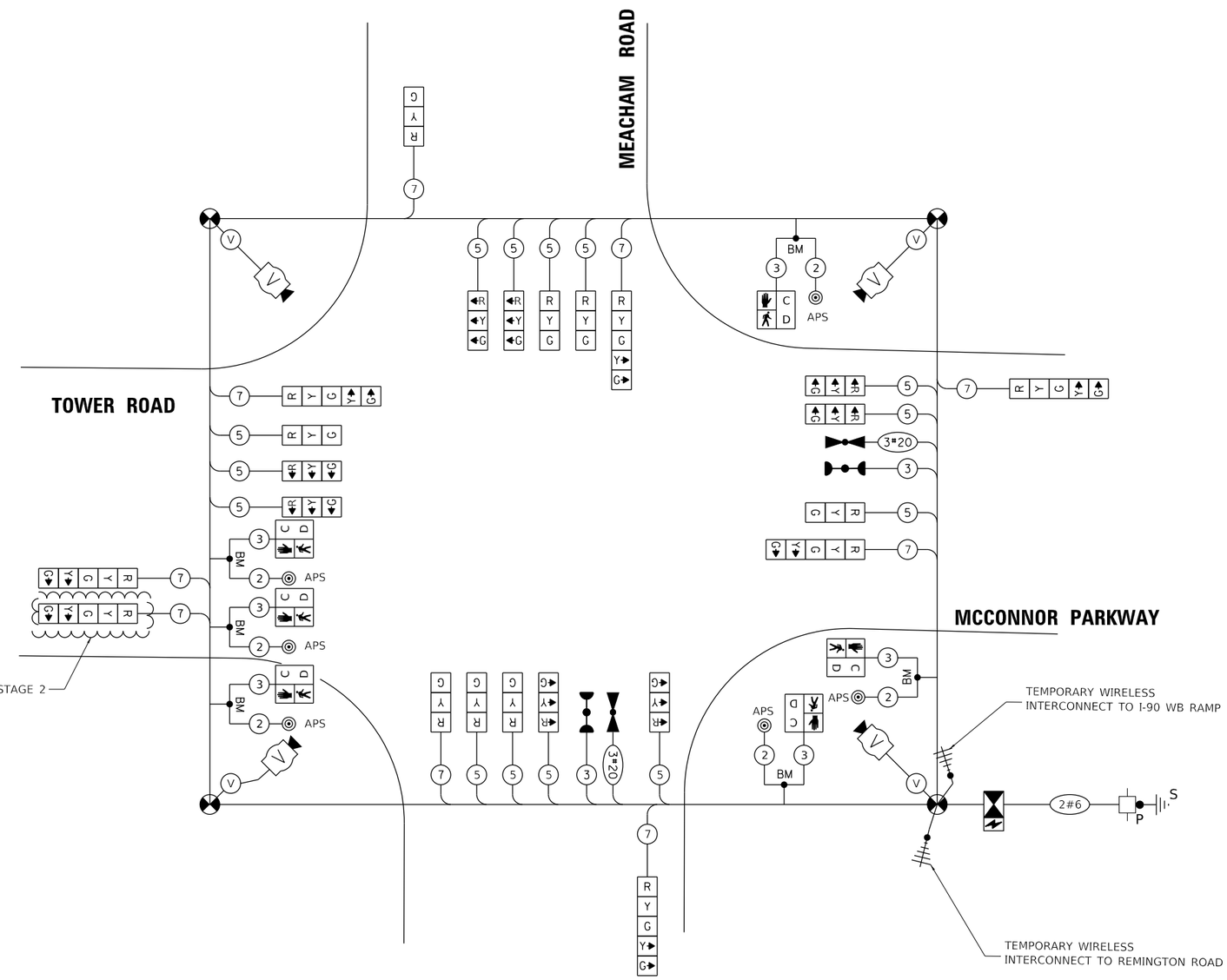
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	75.0
(YELLOW)	15	20	5	9.8
(GREEN)	15	12	45	67.5
PERMISSIVE ARROW	34	10	10	34.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
PTZ CAMERA	-	60	5	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	400	-	-
			TOTAL =	425.3

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

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



VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

CABLE PLAN

(NOT TO SCALE)

TS 5610
EAGLE XX

MODEL: Default
FILE NAME: F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Traffic_Signal\22-00142-01-PV_Sht_TEMP TRAFFIC SIGNALS_STAGE 02_Meacham.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

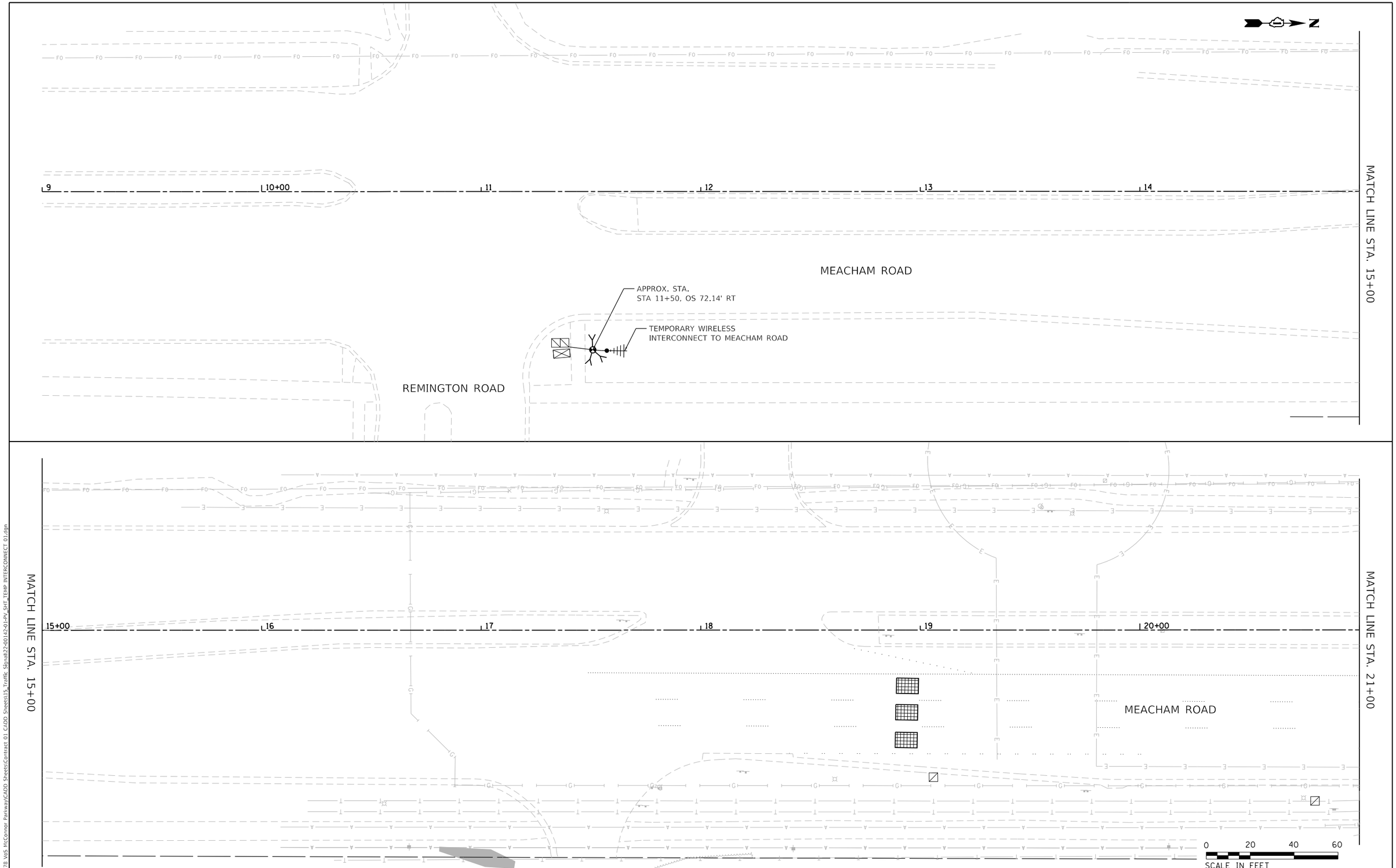
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINTER, STAGE 2 & 3 – TEMPORARY TRAFFIC CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
MCCONNOR PARKWAY AT MEACHAM ROAD

SCALE: NTS | SHEET 10 OF 10 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	126

CONTRACT NO. 61L37
ILLINOIS FED. AID PROJECT



MODEL: Default
FILE NAME: F8381-078 Vol5 McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP INTERCONNECT 01.dgn

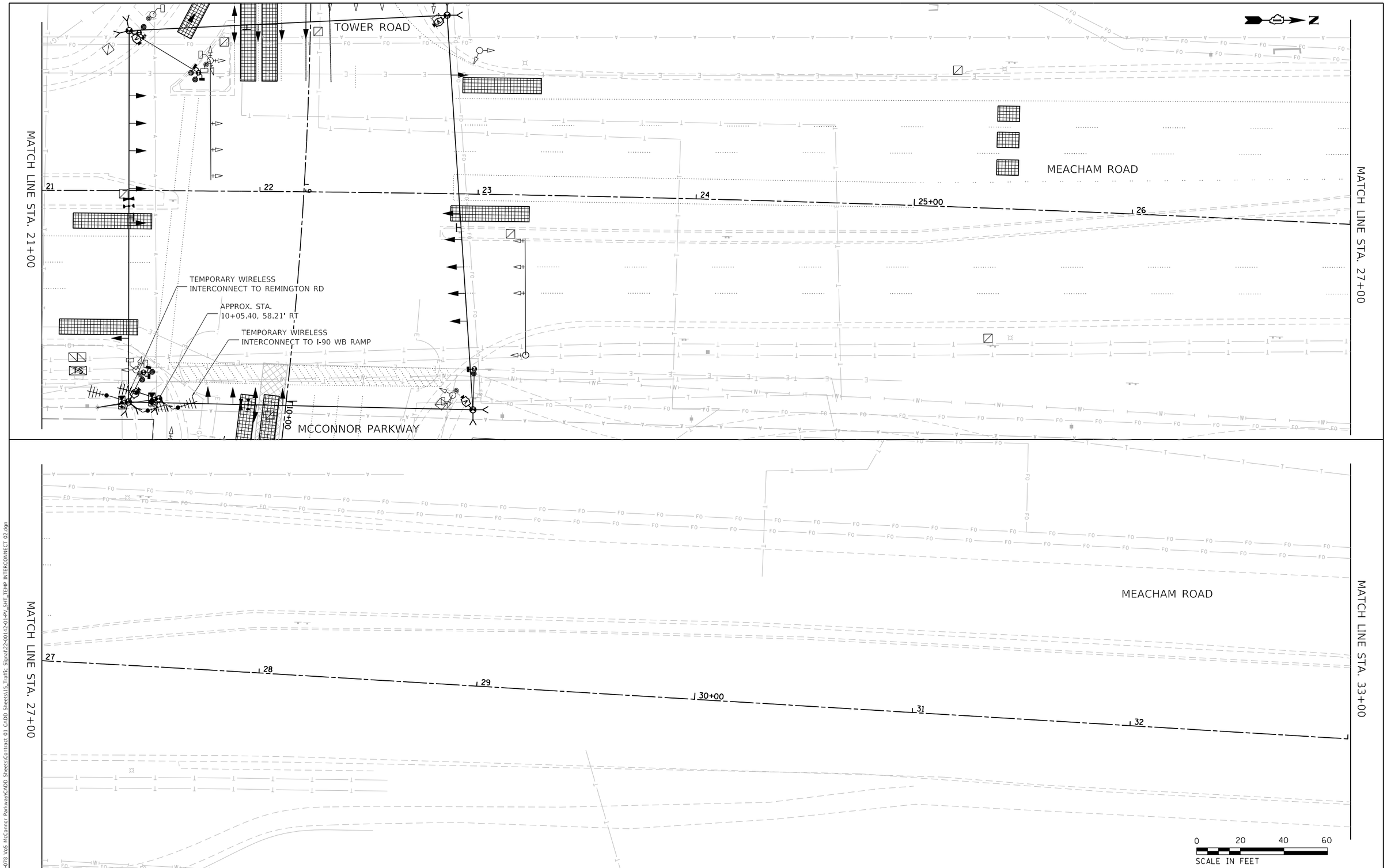
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN
MCCONNOR PARKWAY – VILLAGE OF SCHAUMBURG

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	127
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



MODEL: Default
FILE NAME: F:\0801-078 VDS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP INTERCONNECT 02.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

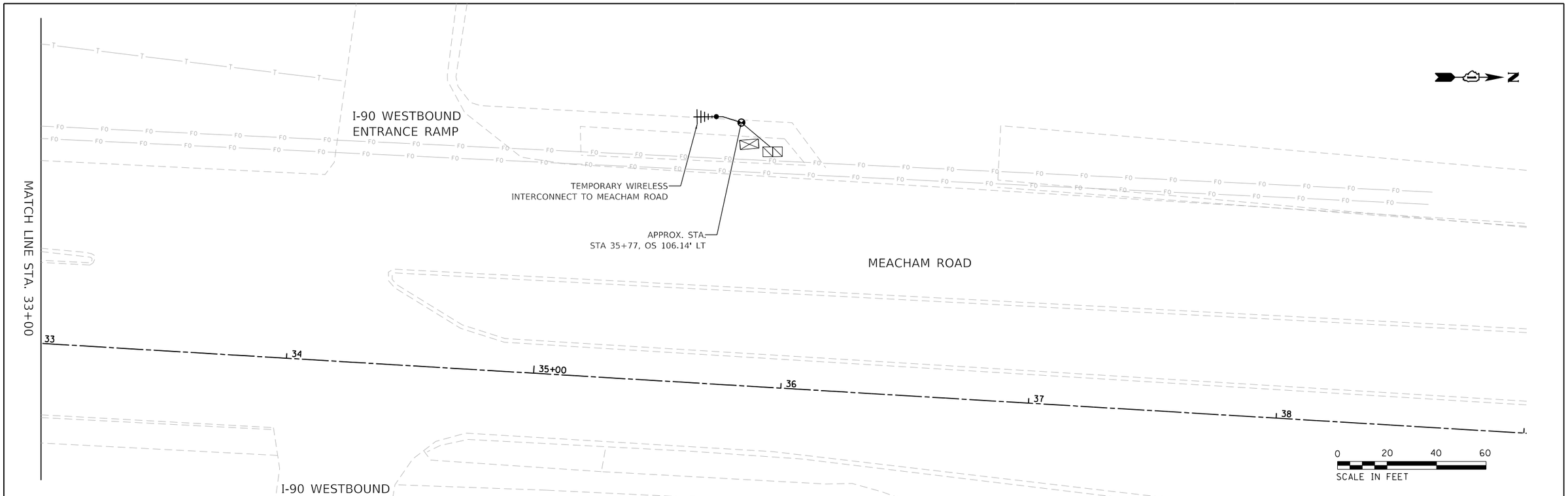
TEMPORARY INTERCONNECT PLAN
MCCONNOR PARKWAY – VILLAGE OF SCHAUMBURG

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 21+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	128

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



MODEL: Default
FILE NAME: F:\0061-078 WIS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP INTERCONNECT 03.dgn

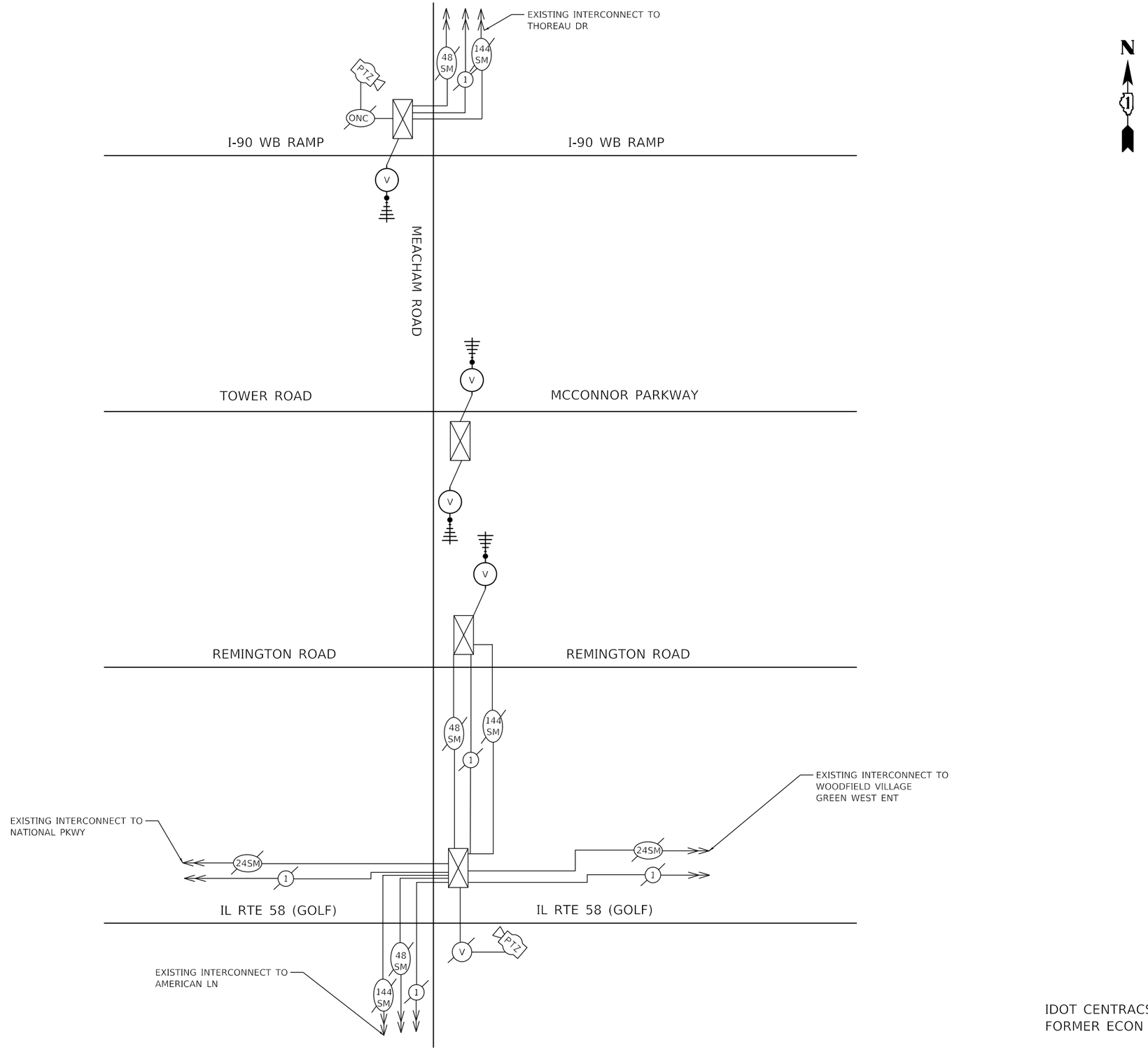
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN
MCCONNOR PARKWAY – VILLAGE OF SCHAUMBURG

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 33+00 TO STA. 39+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	129
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



IDOT CENTRACS
FORMER ECON 84, 95, 96

MODEL: Default
FILE NAME: F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_SHT_TEMP INTERCONNECT SCHEMATIC.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

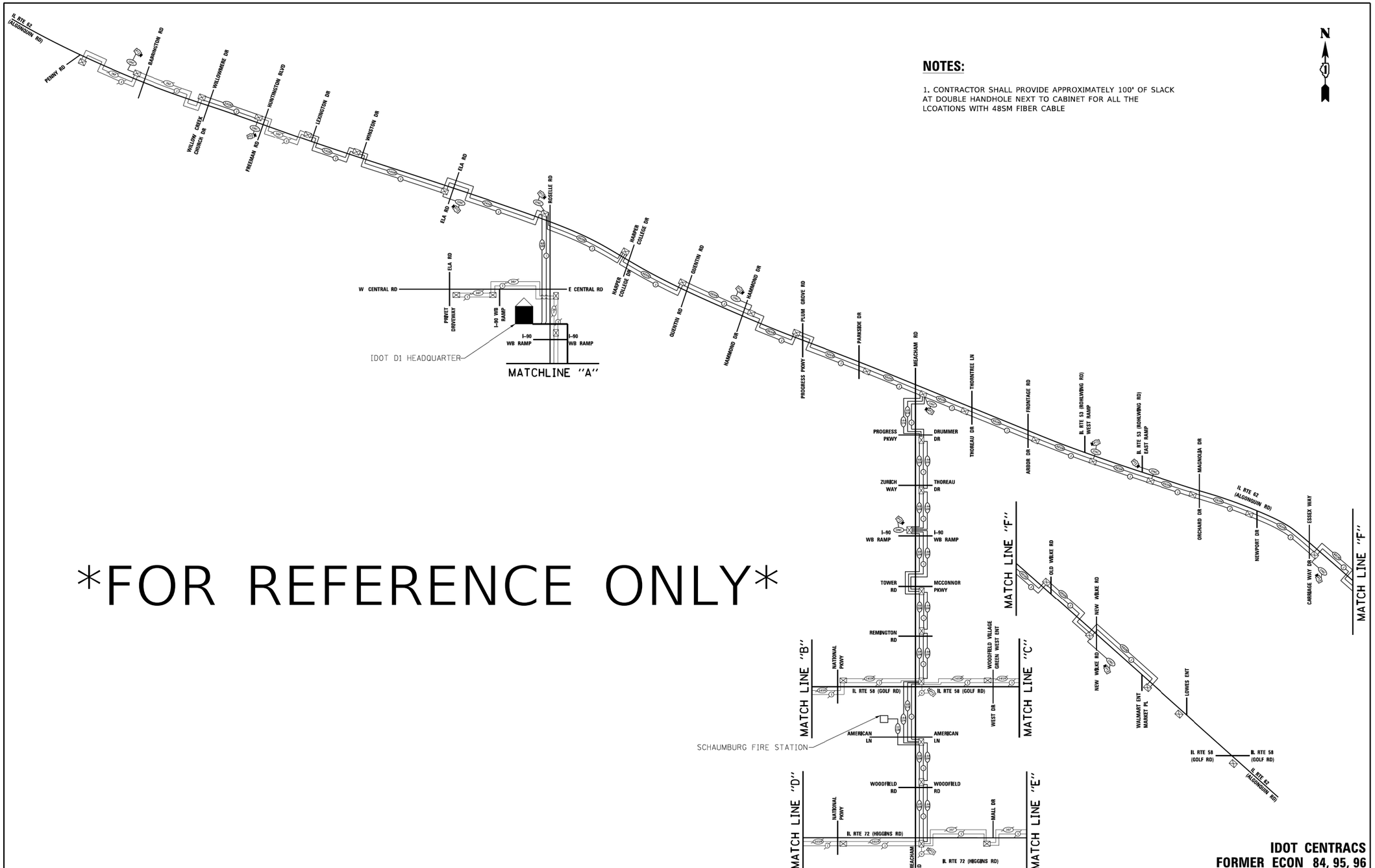
TEMPORARY INTERCONNECT SCHEMATIC
MCCONNOR PARKWAY – VILLAGE OF SCHAUMBURG

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-02-PV	COOK	204	130

CONTRACT NO. 61L38

ILLINOIS FED. AID PROJECT



FOR REFERENCE ONLY

IDOT CENTRACS
FORMER ECON 84, 95, 96

FILE NAME = K:\PROJECTS\P-rojects 2022\22-ESR-502-IDOT_CMAQ Centracs Phase 2\CADD_Sheets\197_Schem_Interconnect_2.dgn

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60631 TEL.(773)774-5900	USER NAME = $USER$	DESIGNED - EA	REVISED - 12-2-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERALL INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITES IDOT ZONES 84, 95, 96
		DRAWN - EA, AV	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MS	REVISED -		
	PLOT DATE = $DATE$	DATE - 10/31/2022	REVISED -		

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

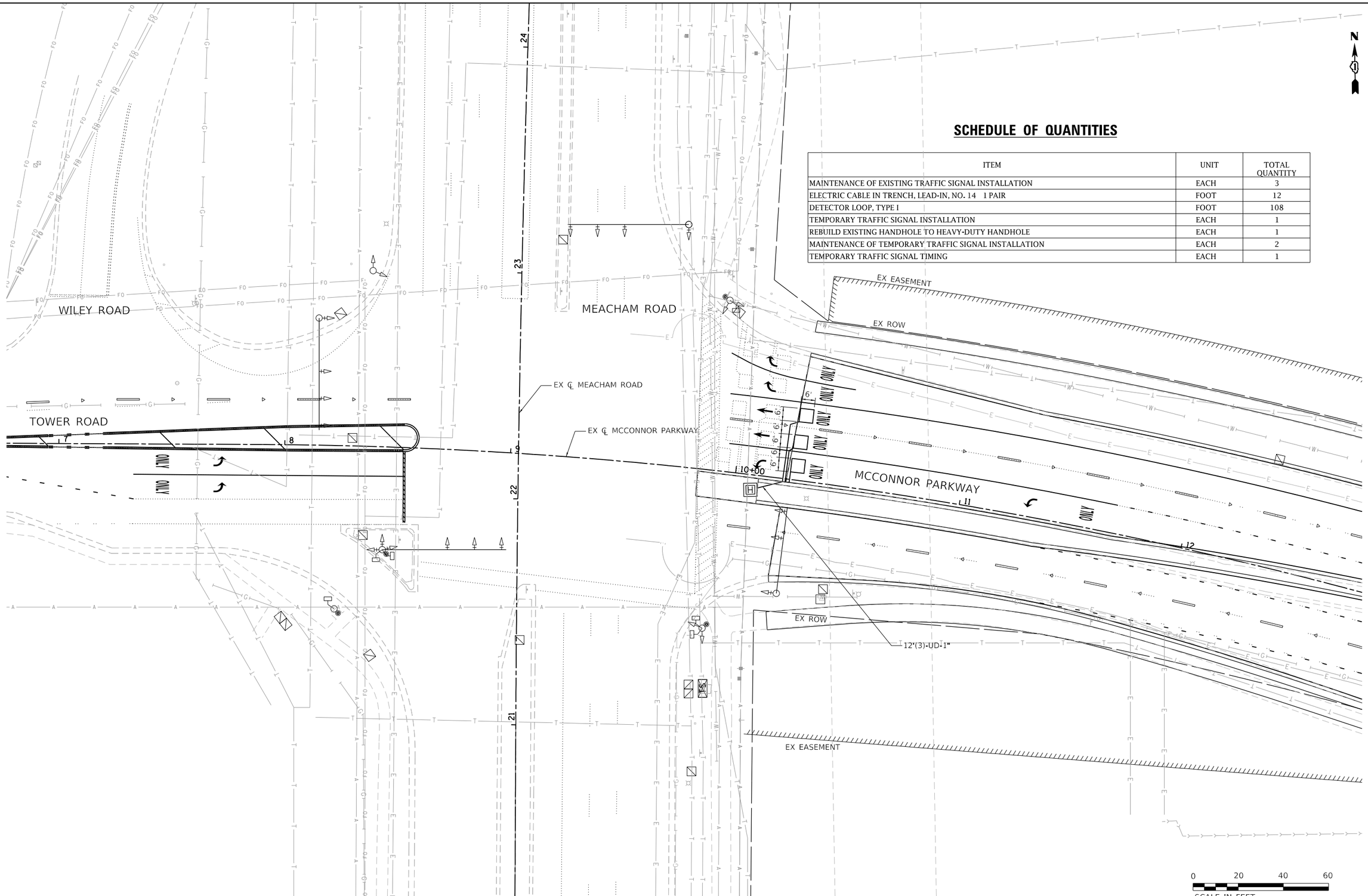
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	214
		CONTRACT NO. 62T54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: F:\061-073 WIS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV SHT_TEMP INTERCONNECT REFERENCE ONLY.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INTERCONNECT PLAN MCCONNOR PARKWAY – VILLAGE OF SCHAUMBURG
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		

SCALE: N/A | SHEET 5 OF 5 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	131
		CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		



SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
ELECTRIC CABLE IN TRENCH, LEAD-IN, NO. 14 1 PAIR	FOOT	12
DETECTOR LOOP, TYPE I	FOOT	108
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

MODEL: Default
FILE NAME: F:\061-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV SHT PR TRAFFIC SIGNALS MEACHAM.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
TRAFFIC SIGNAL INSTALLATION PLAN - MEACHAM ROAD

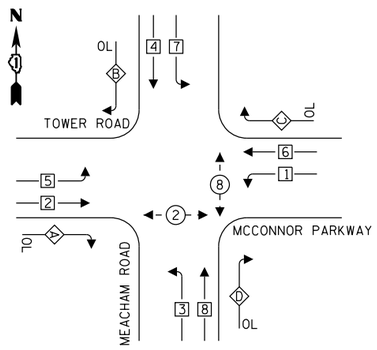
SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. 6+25.00 TO STA. 12+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	132

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT

EXISTING CONTROLLER SEQUENCE



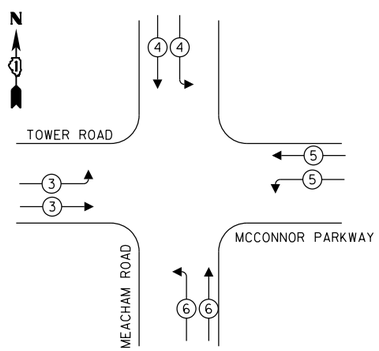
LEGEND:

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



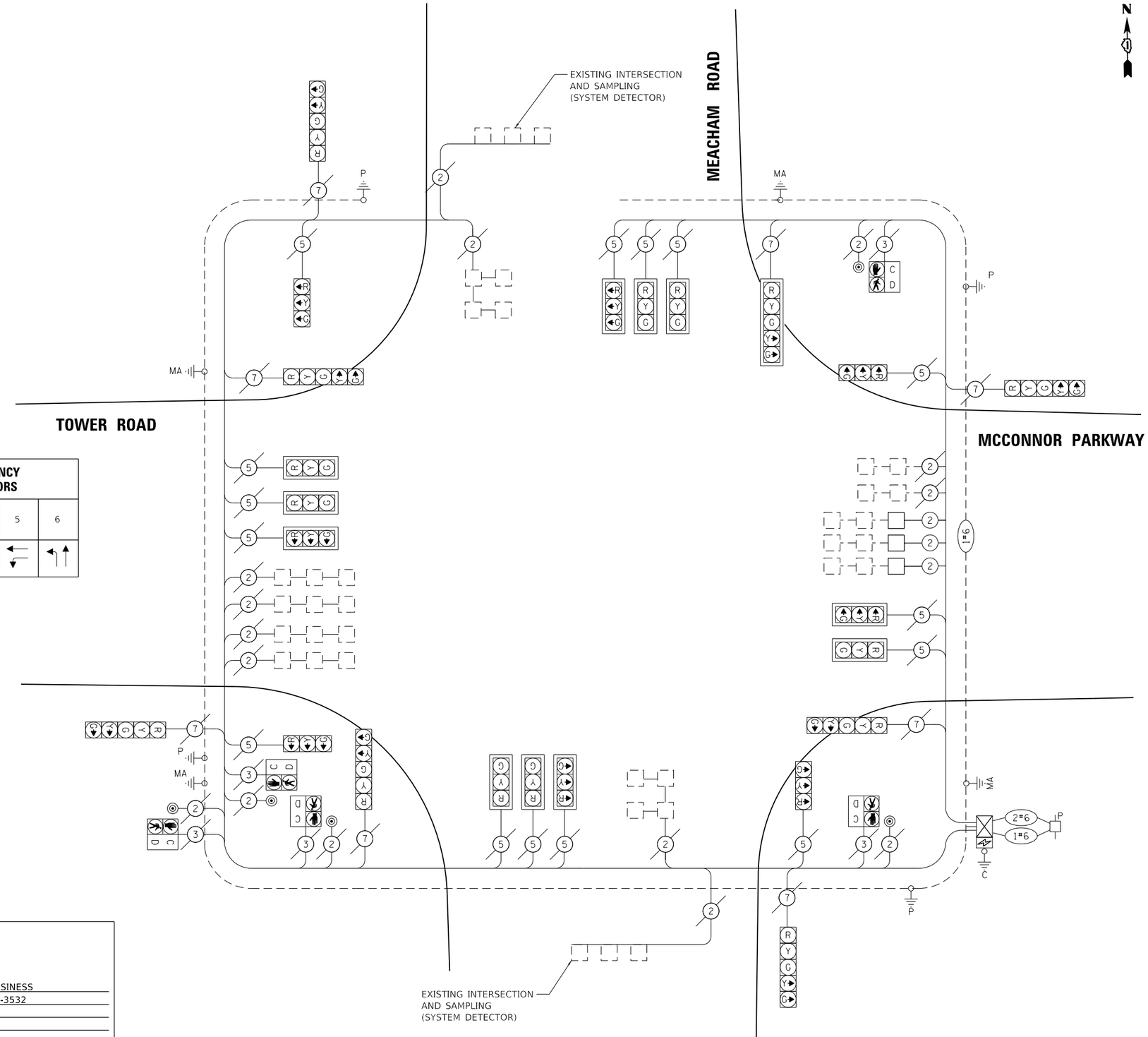
EXISITING EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	15	11	110
4-SECTION	-	14	-
5-SECTION	8	13	117
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			492
UPS CHARGING	-	225	-
BATTERY HEATER MAT	-	180	-
CABINET HEATER	-	200	-
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			0

ENERGY COSTS TO:
VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: ---
METER NUMBER: ---



MODEL: Default
FILE NAME: F:\061-078 WS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signals\22-00142-01-PV SHT PR TRAFFIC SIGNALS_MEACHAM.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
CABLE PLAN AND PHASE DESIGNATION DIAGRAM
MEACHAM ROAD

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	133

CONTRACT NO. 61L37
ILLINOIS FED. AID PROJECT

REMOVAL NOTES:

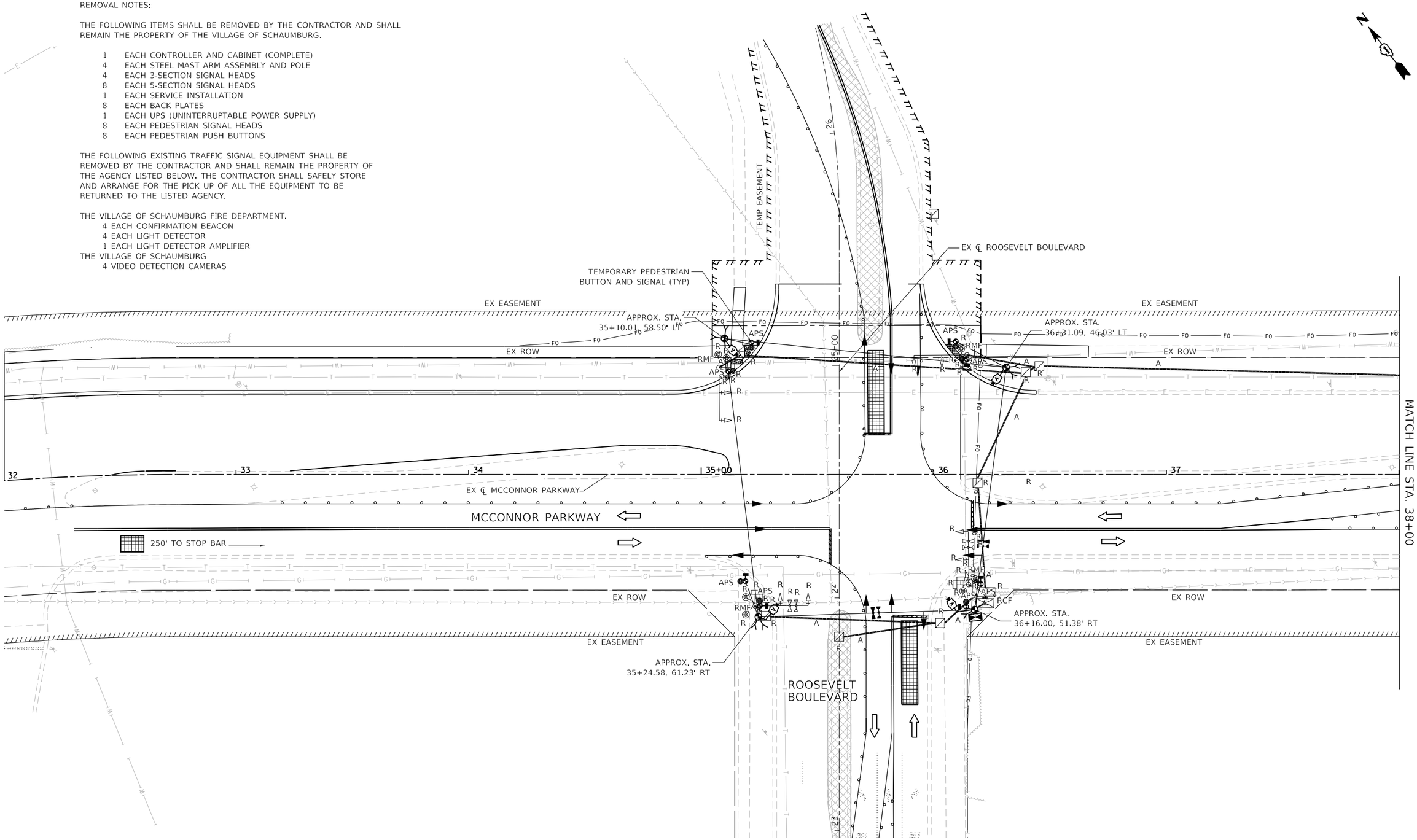
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAUMBURG.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH 3-SECTION SIGNAL HEADS
- 8 EACH 5-SECTION SIGNAL HEADS
- 1 EACH SERVICE INSTALLATION
- 8 EACH BACK PLATES
- 1 EACH UPS (UNINTERRUPTABLE POWER SUPPLY)
- 8 EACH PEDESTRIAN SIGNAL HEADS
- 8 EACH PEDESTRIAN PUSH BUTTONS

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

THE VILLAGE OF SCHAUMBURG FIRE DEPARTMENT.
- 4 EACH CONFIRMATION BEACON
- 4 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

THE VILLAGE OF SCHAUMBURG
- 4 VIDEO DETECTION CAMERAS



NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\0861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 01_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0079 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

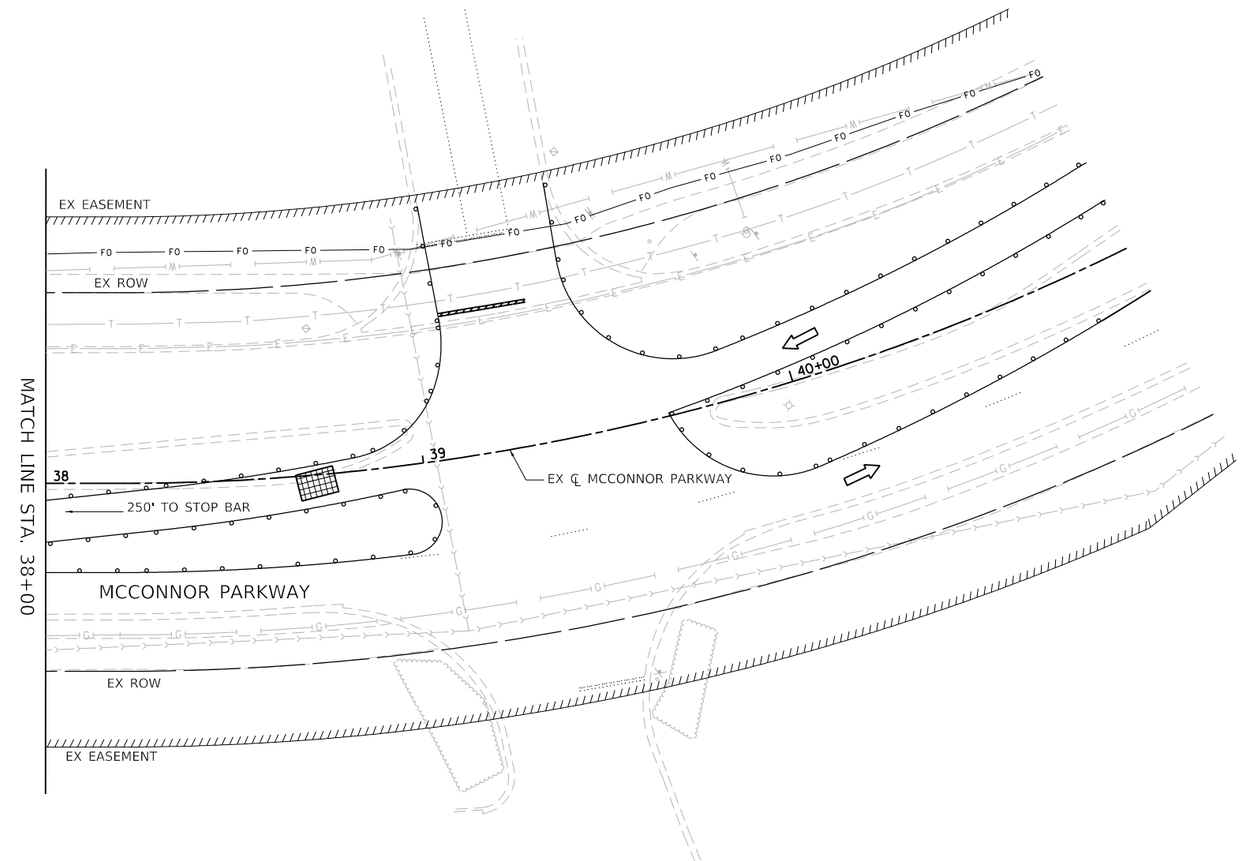
STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 1 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	134

CONTRACT NO. 61L37

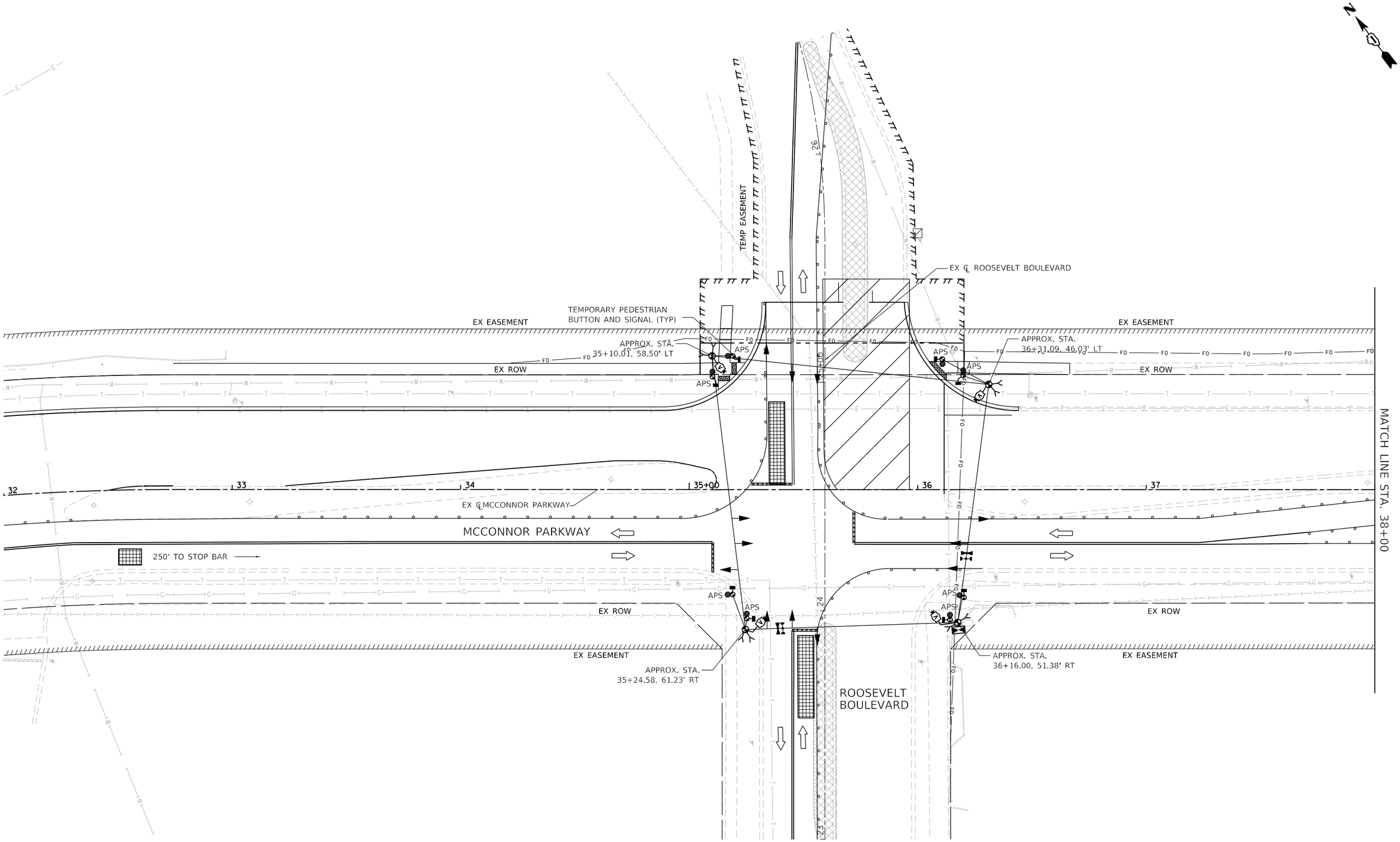
ILLINOIS FED. AID PROJECT



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 01_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JR	REVISED -			7008	22-00142-01-PV	COOK	204 / 135
	PLOT SCALE = 40.0071 ' / in.	CHECKED - GJE	REVISED -					CONTRACT NO. 61L37	
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 2 OF 14 SHEETS STA. 32+00.0 TO STA. 38+00.00		ILLINOIS FED. AID PROJECT		



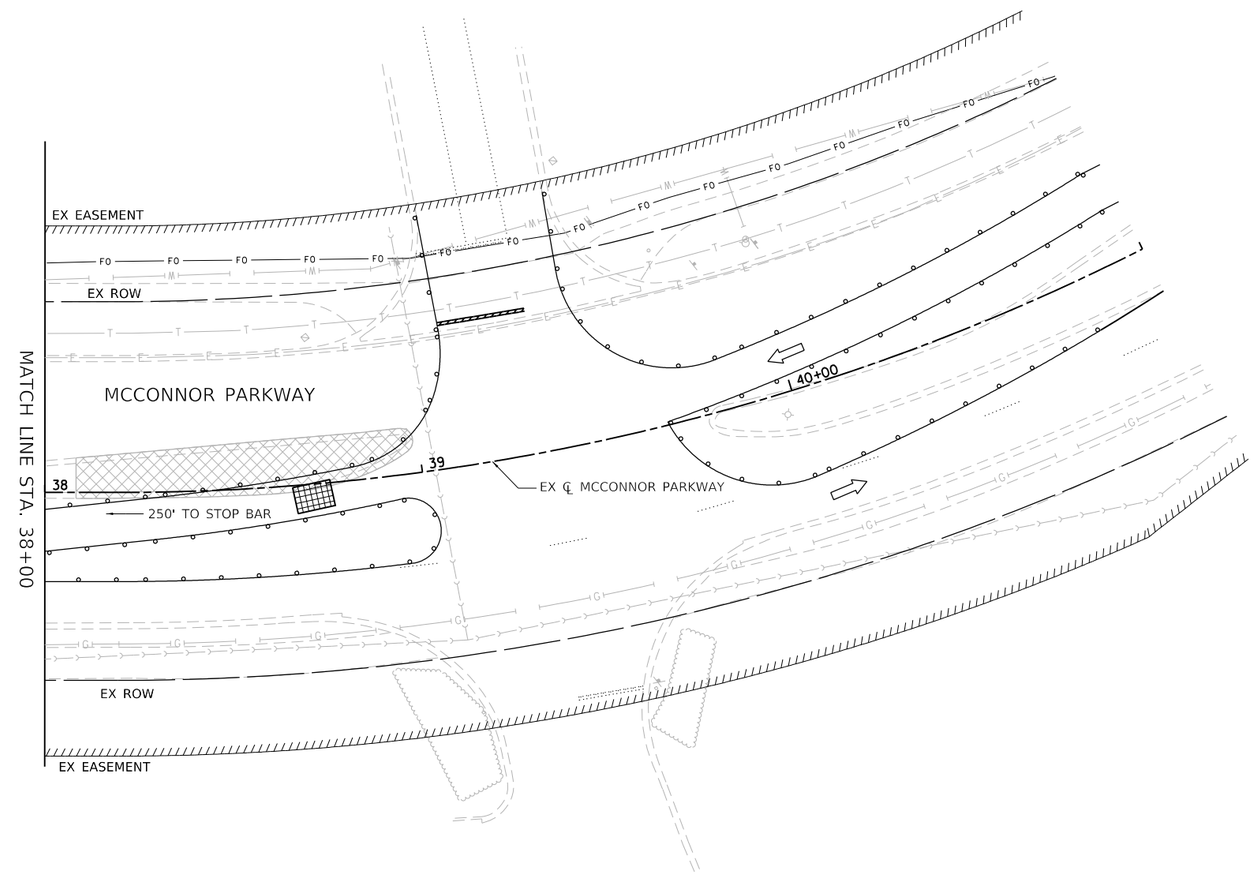
NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_SUB_STAGE 01_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUB-STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0042 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 3 OF 14 SHEETS STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	136
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: P:\061-478 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic_Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_SUB_STAGE 01_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0063 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

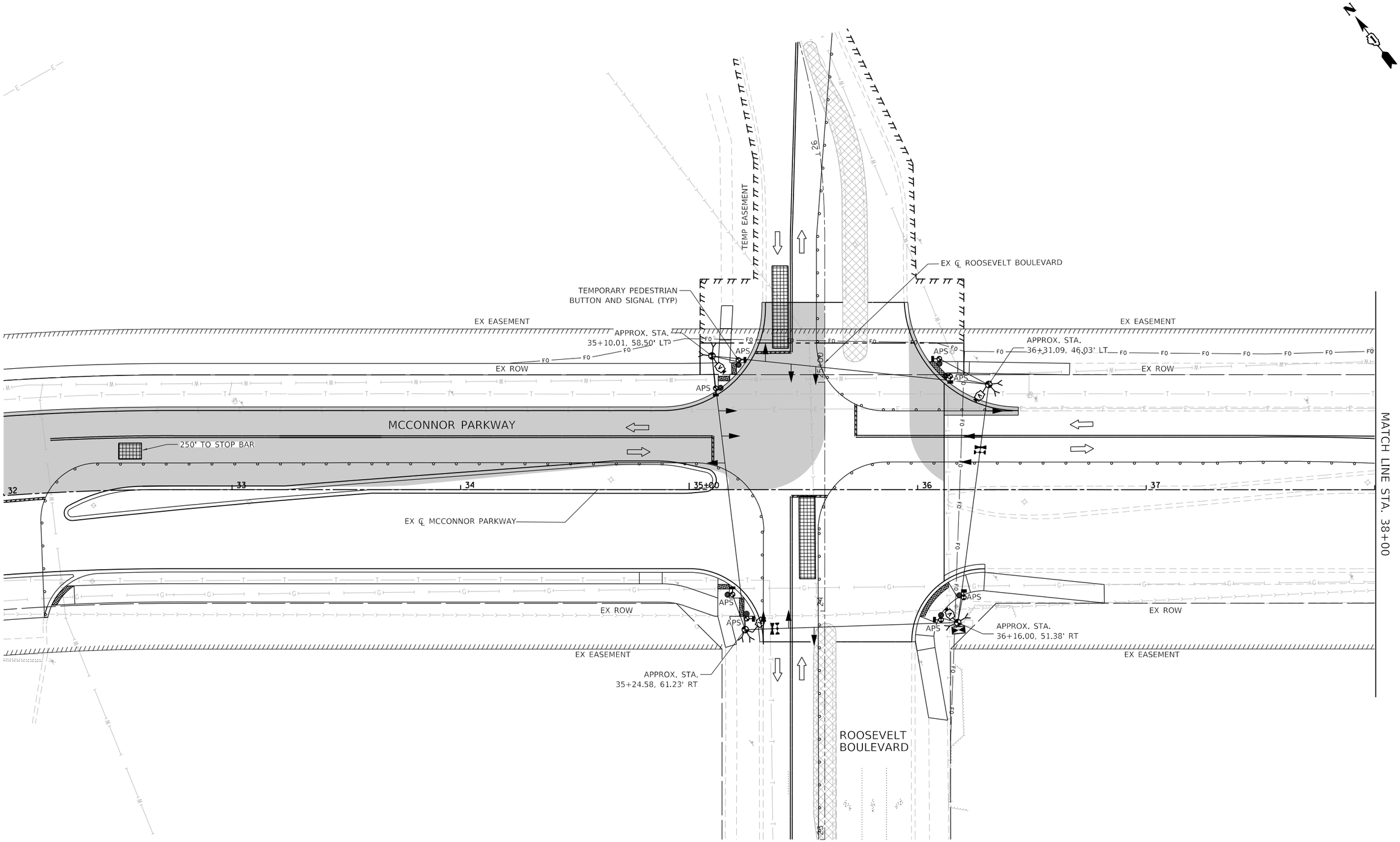
SUB-STAGE 1 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 4 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	137

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

MODEL: Default
FILE NAME: F:\061-078 WOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV SHT TEMP TRAFFIC SIGNALS STAGE 02 Roosvelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

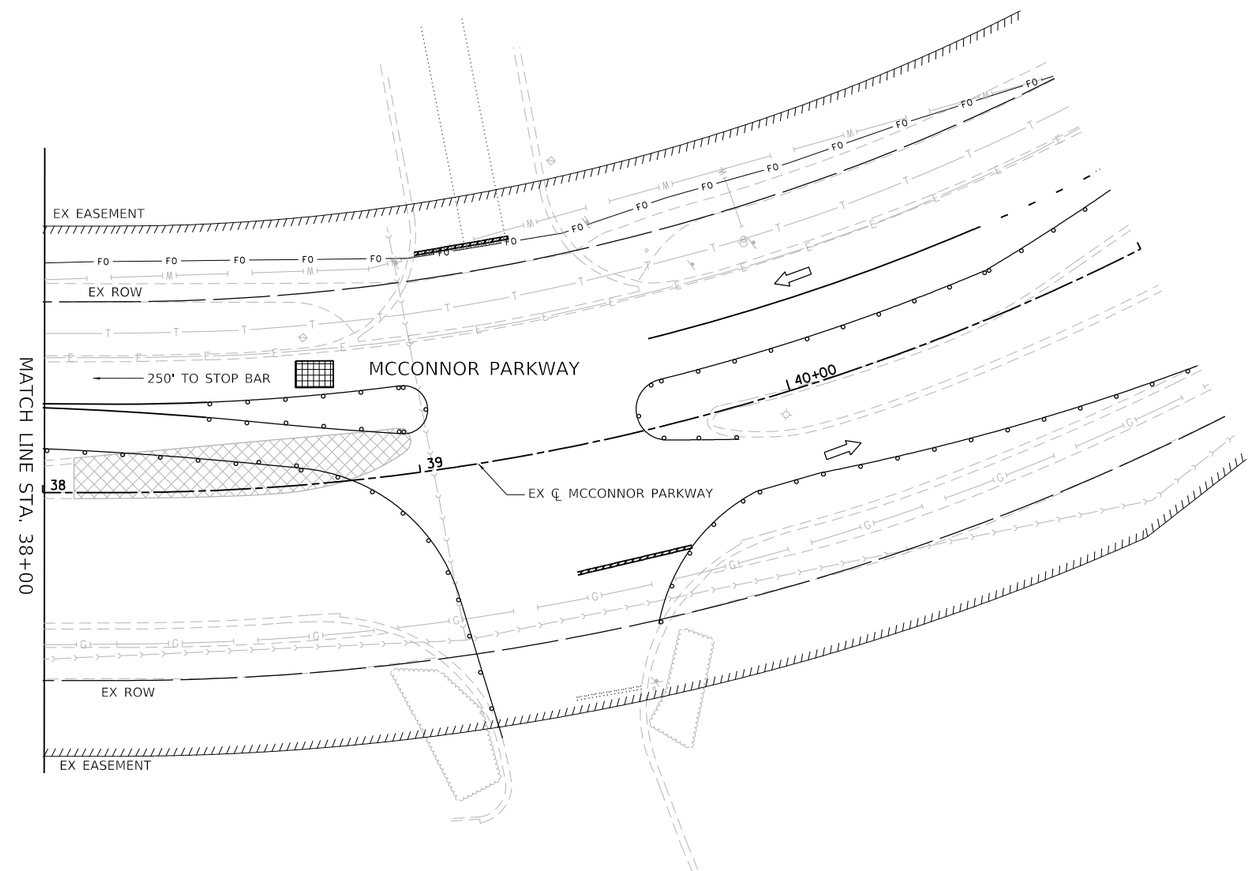
STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 5 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	138

CONTRACT NO. 61L37

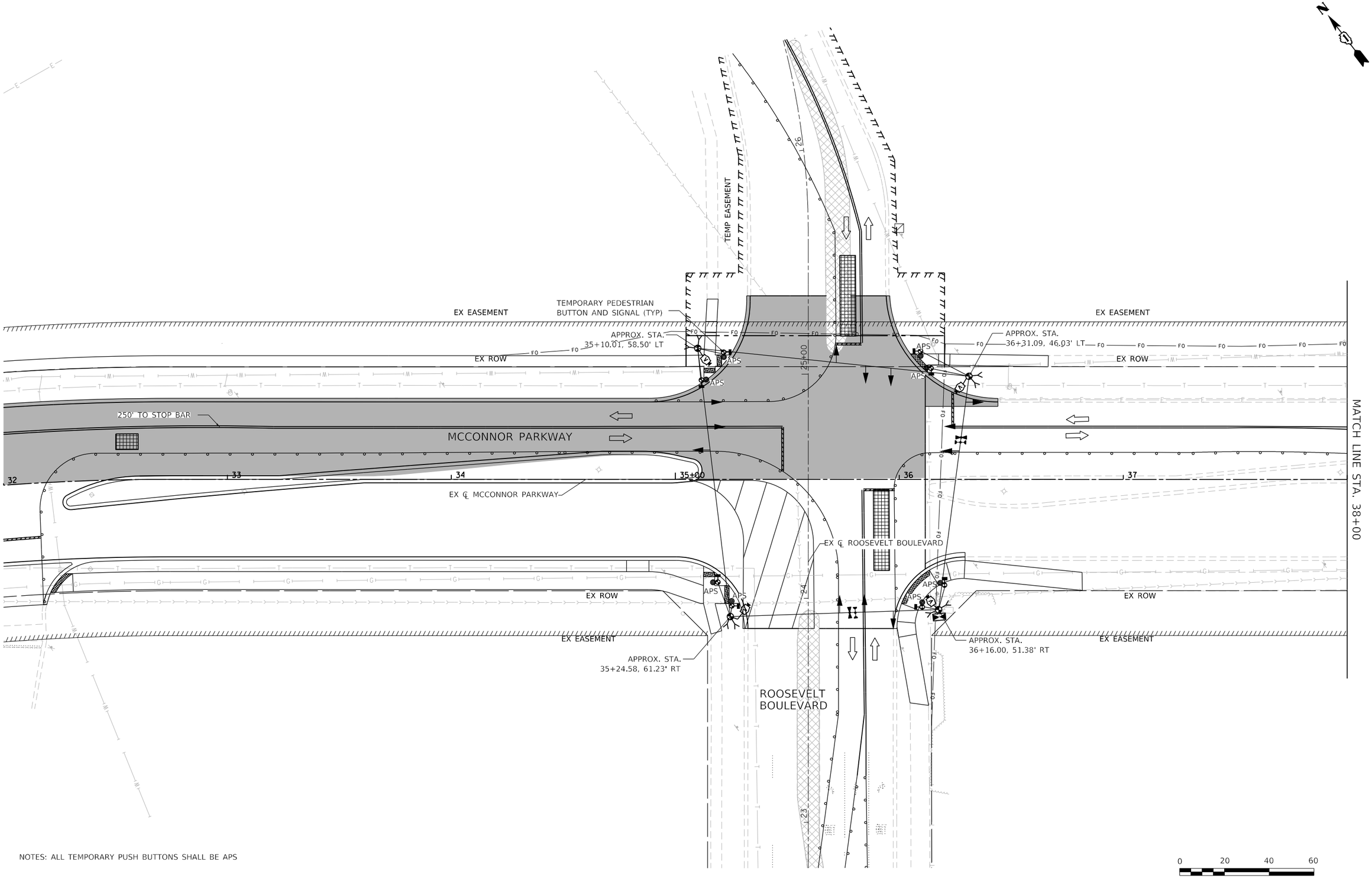
ILLINOIS FED. AID PROJECT



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 02_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JR	REVISED -					7008	22-00142-01-PV	COOK	204 / 139
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -							CONTRACT NO. 61L37	
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20'	SHEET 6 OF 14 SHEETS	STA. 32+00.0 TO STA. 38+00.00		ILLINOIS FED. AID PROJECT		

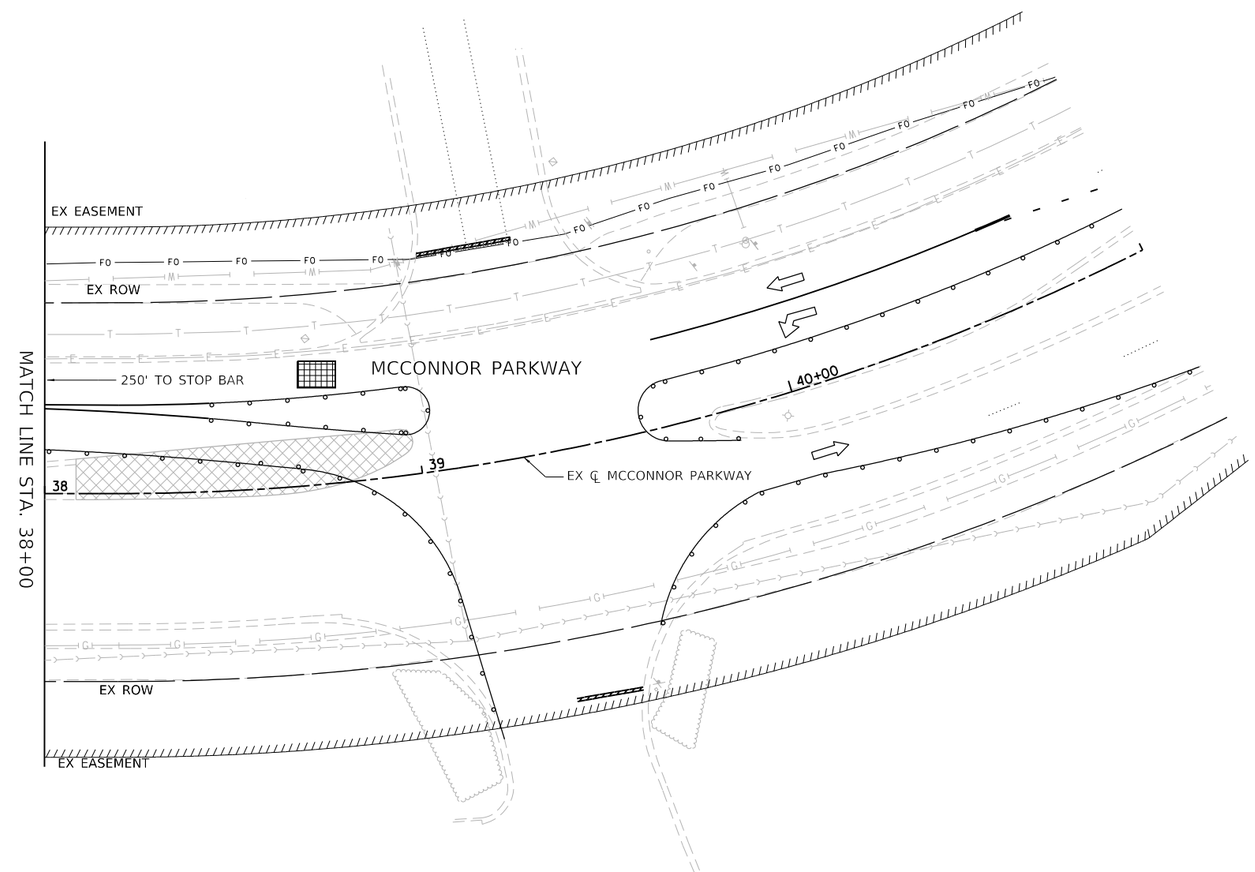


NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic_Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_SUB-STAGE 02_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUB-STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1"=20' SHEET 7 OF 14 SHEETS STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	140
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\13_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_SUB_STAGE 02_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

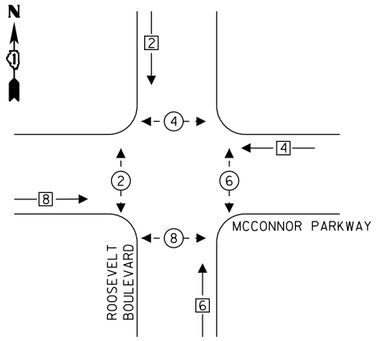
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUB–STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 8 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	141
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

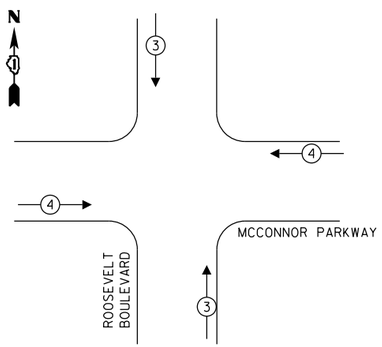
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

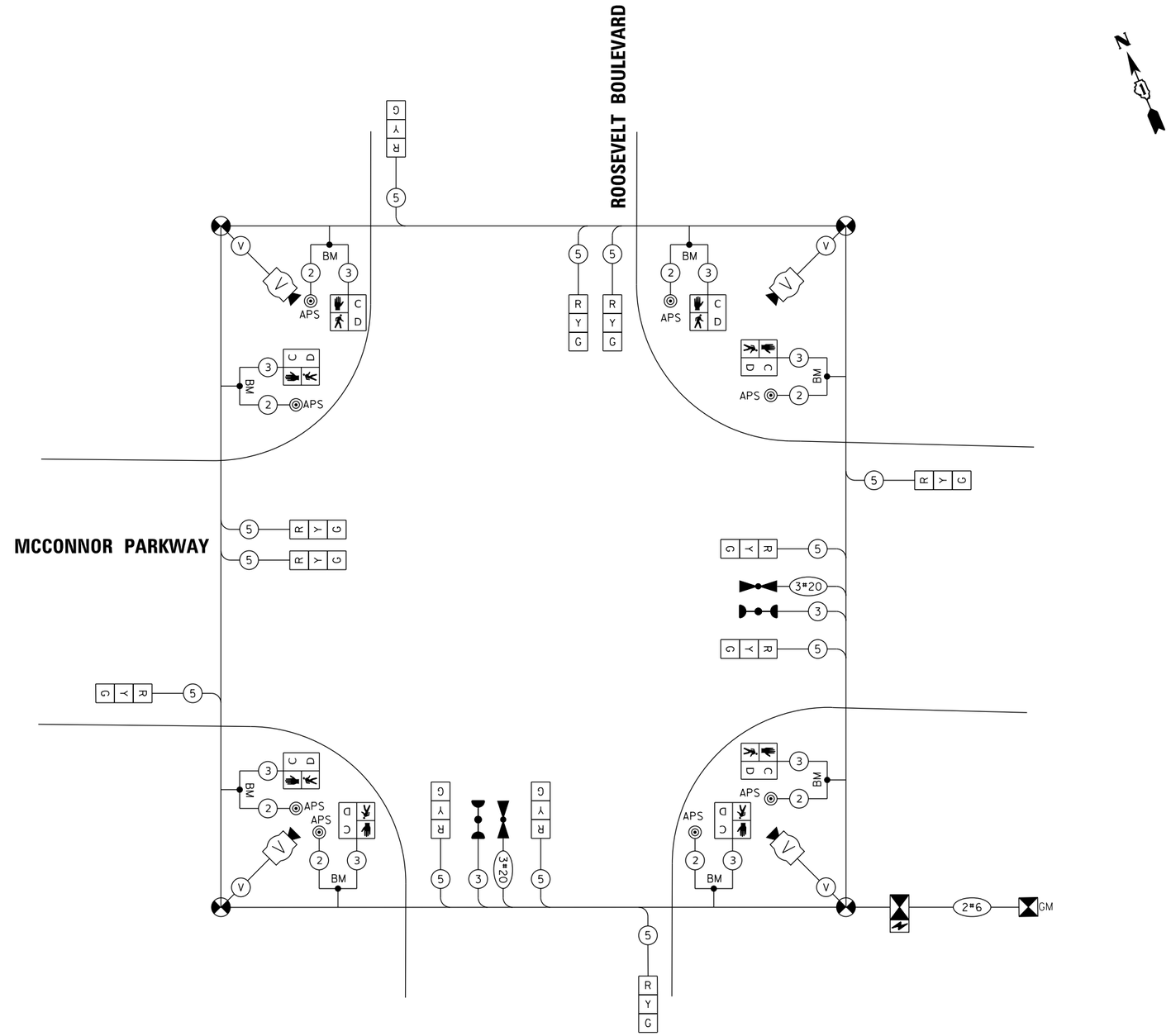
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	60.0
(YELLOW)	12	20	5	7.8
(GREEN)	12	12	45	54.0
PERMISSIVE ARROW	0	10	10	0.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
PTZ CAMERA	-	60	5	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	400	-	-
			TOTAL =	406.8

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

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



CABLE PLAN

(NOT TO SCALE)

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic_Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 01_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0087 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

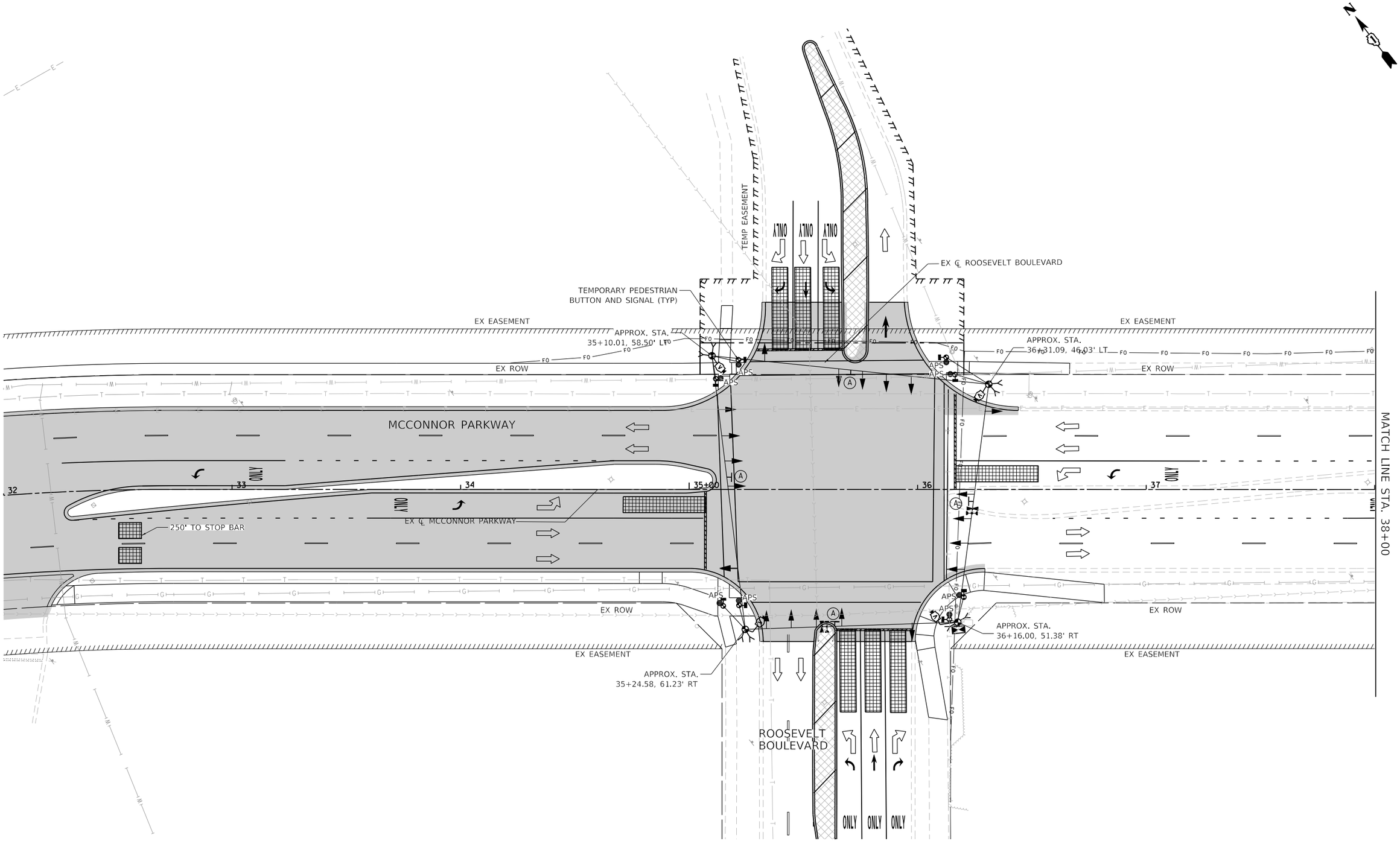
STAGES 1 & 2 – TEMPORARY TRAFFIC CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: NTS | SHEET 9 OF 14 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	142

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 02W Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

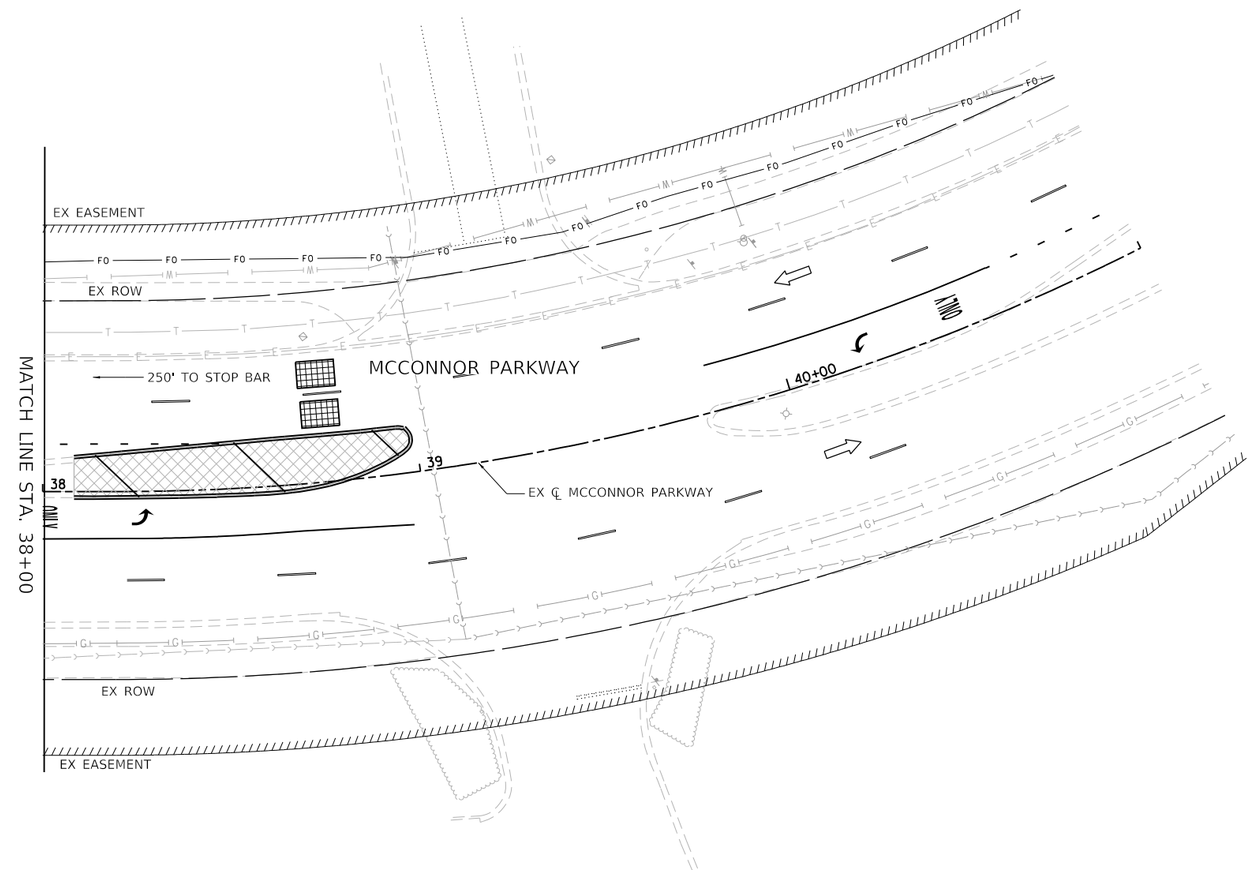
WINTER STAGE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 10 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	143

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signal\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS STAGE 02W Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINTER STAGE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 11 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	144
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

SIGN (A)

LEFT ON GREEN ARROW ONLY

R 10-5
30" X 36"

4 REQUIRED

EX ℄ ROOSEVELT BOULEVARD

TEMP EASEMENT

TEMPORARY PEDESTRIAN BUTTON AND SIGNAL (TYP)

EX EASEMENT

APPROX. STA. 35+10.01, 58.50' LT

APPROX. STA. 36+31.09, 46.03' LT

EX ROW

APS

ONLY

32 33 34 35+00 36 37

EX ℄ MCCONNOR PARKWAY

250' TO STOP BAR

MCCONNOR PARKWAY

ROOSEVELT BOULEVARD

APPROX. STA. 36+16.00, 51.38' RT

APPROX. STA. 35+24.58, 61.23' RT

MATCH LINE STA. 38+00

NOTES: ALL TEMPORARY PUSH BUTTONS SHALL BE APS

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 vos McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic_Signals\22-00142-01-PV_SHT_TEMP TRAFFIC SIGNALS_STAGE 03_Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

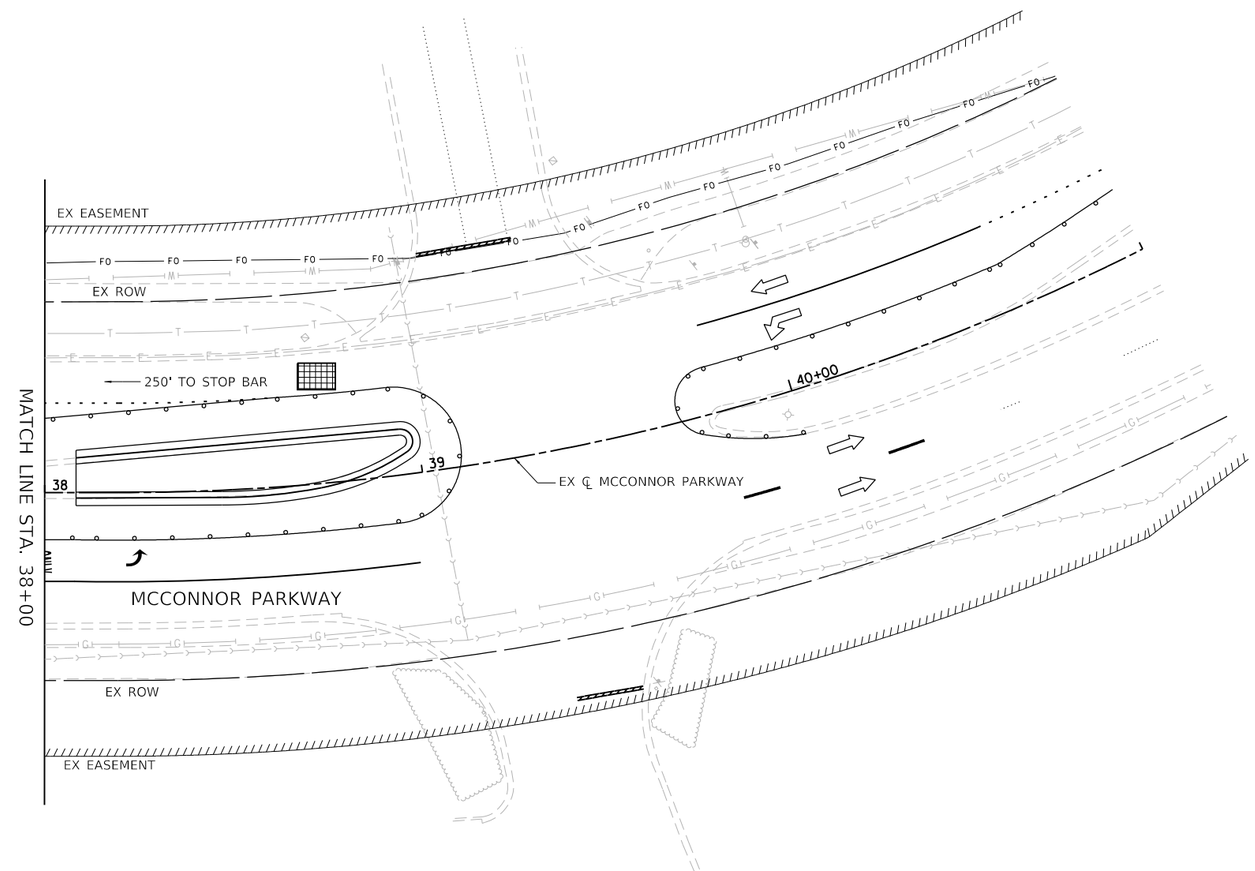
STAGE 3 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: 1"=20' | SHEET 12 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	145

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: F:\061-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV_SHT TEMP TRAFFIC SIGNALS STAGE 03 Roosevelt.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 3 TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

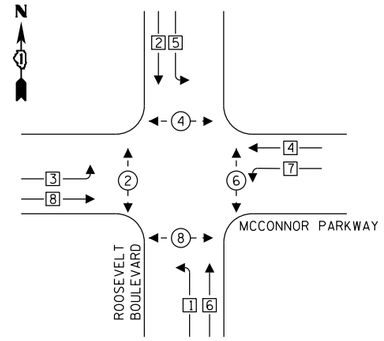
SCALE: 1"=20' | SHEET 13 OF 14 SHEETS | STA. 32+00.0 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	146

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT

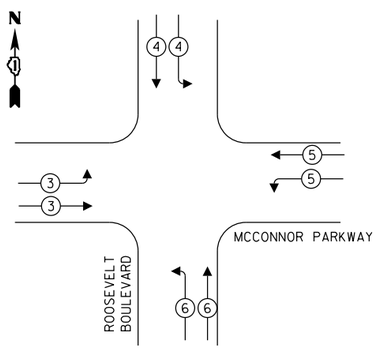
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

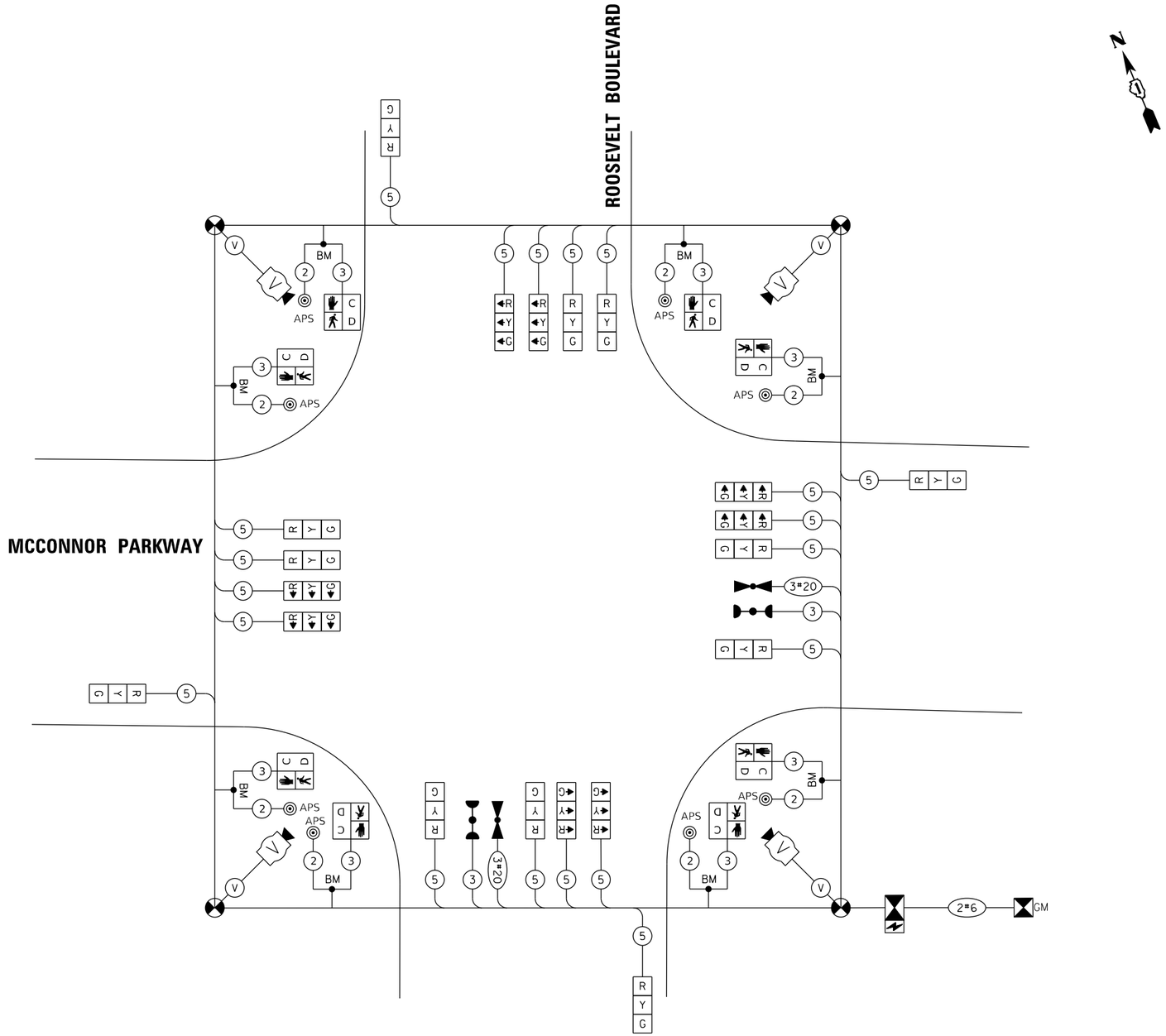
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	24	10	10	24.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
PTZ CAMERA	-	60	5	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	400	-	-
			TOTAL =	451.8

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

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



CABLE PLAN

(NOT TO SCALE)

MODEL: Default
FILE NAME: P:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\19_Traffic Signals\22-00142-01-PV SHT TEMP TRAFFIC SIGNALS STAGE 03 Roosevelt.dgn

BLA, Inc.

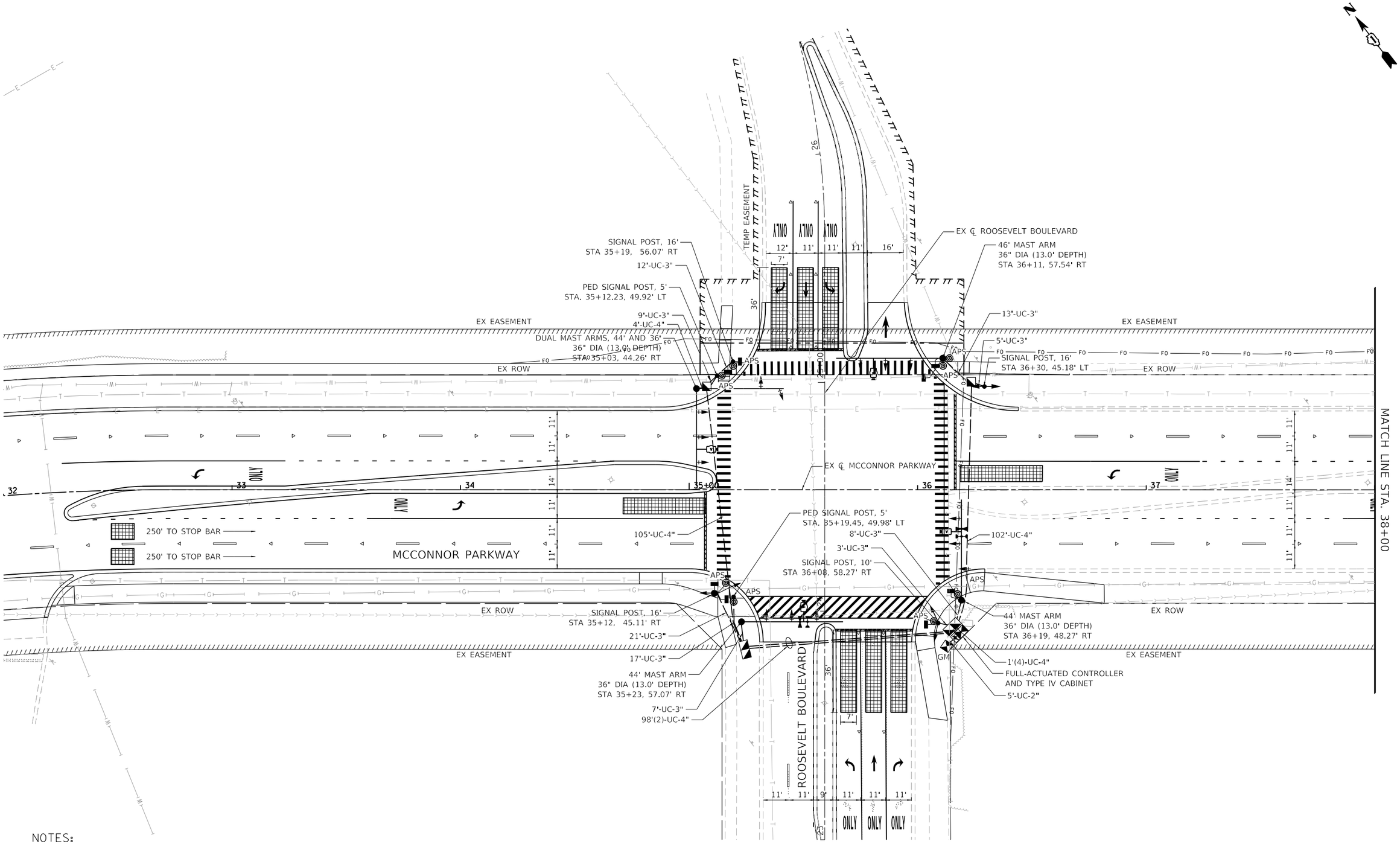
USER NAME = jrodriguez	DESIGNED - JR	REVISED -	
	DRAWN - JR	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -	
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINTER & STAGE 3 – TEMPORARY TRAFFIC CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
MCCONNOR PARKWAY AT ROOSEVELT BOULEVARD

SCALE: NTS | SHEET 14 OF 14 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	147
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



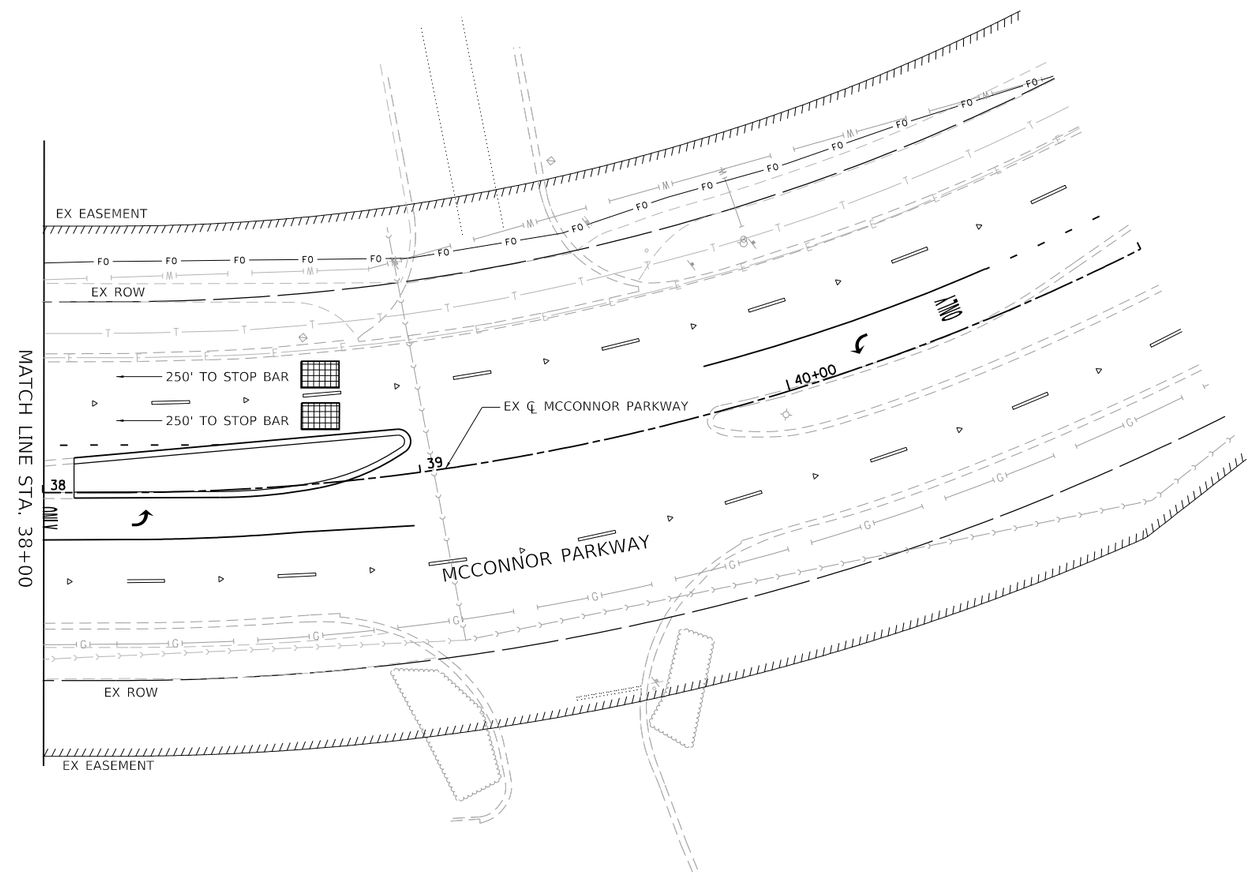
NOTES:

1. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURERS RECOMMENDATIONS.

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15_Traffic Signals\22-00142-01-PV_SHT PR TRAFFIC SIGNAL5.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY RECONSTRUCTION TRAFFIC SIGNAL INSTALLATION PLAN – ROOSEVELT BOULEVARD
		DRAWN - JR	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -		
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 32+00.00 TO STA. 38+00.00

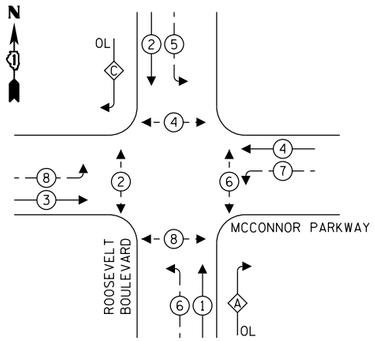
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	148
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



MODEL: Default
FILE NAME: F:\061-078 WOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV_SHT_PR TRAFFIC SIGNALS.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY RECONSTRUCTION TRAFFIC SIGNAL INSTALLATION PLAN – ROOSEVELT BOULEVARD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JR	REVISED -			7008	22-00142-01-PV	COOK	204 / 149
	PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -					CONTRACT NO. 61L37	
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 38+00.00 TO STA. 41+00.00		ILLINOIS FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



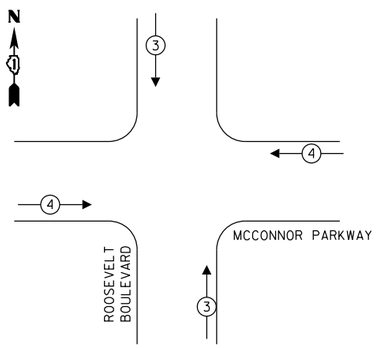
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	1	+	7
C	=	2	+	8

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



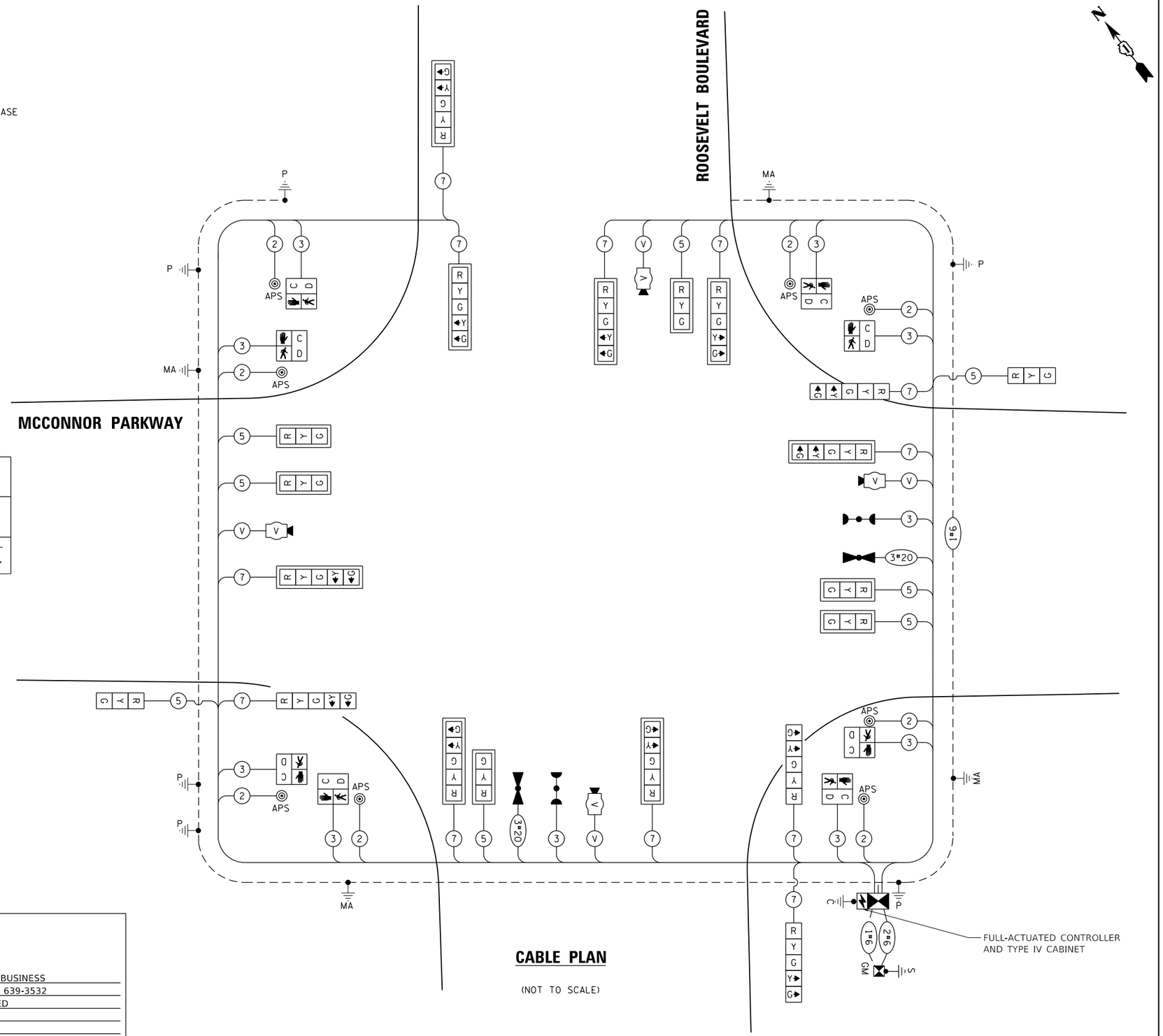
EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↓ ↑	← →

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	12	13	156
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			539
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,144

ENERGY COSTS TO:
VILLAGE OF SCHAUMBURG
714 S. PLUM GROVE ROAD
SCHAUMBURG, ILLINOIS 60193

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



CABLE PLAN

(NOT TO SCALE)

MODEL: Default
FILE NAME: F:\061-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\15 Traffic Signal\22-00142-01-PV_SHT_PR_TRAFFIC SIGNALS.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
CABLE PLAN AND PHASE DESIGNATION DIAGRAM
ROOSEVELT BOULEVARD

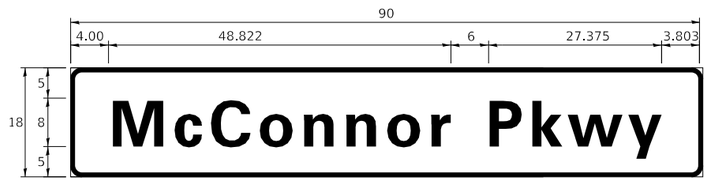
SCALE: NTS | SHEET 3 OF 3 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	150

CONTRACT NO. 61L37
ILLINOIS FED. AID PROJECT

SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	2	ZZ	2

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

SCHEDULE OF QUANTITIES – ROOSEVELT BOULEVARD

ITEM	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE 2	SQ FT	44
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	121
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	410
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1185
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1520
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1365
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2040
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	520
TRAFFIC SIGNAL POST, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT. AND 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	12
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	275
OUTDOOR RATED NETWORK CABLE	FOOT	735
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	40
CONFIRMATION BEACON	EACH	4
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

GENERAL NOTES

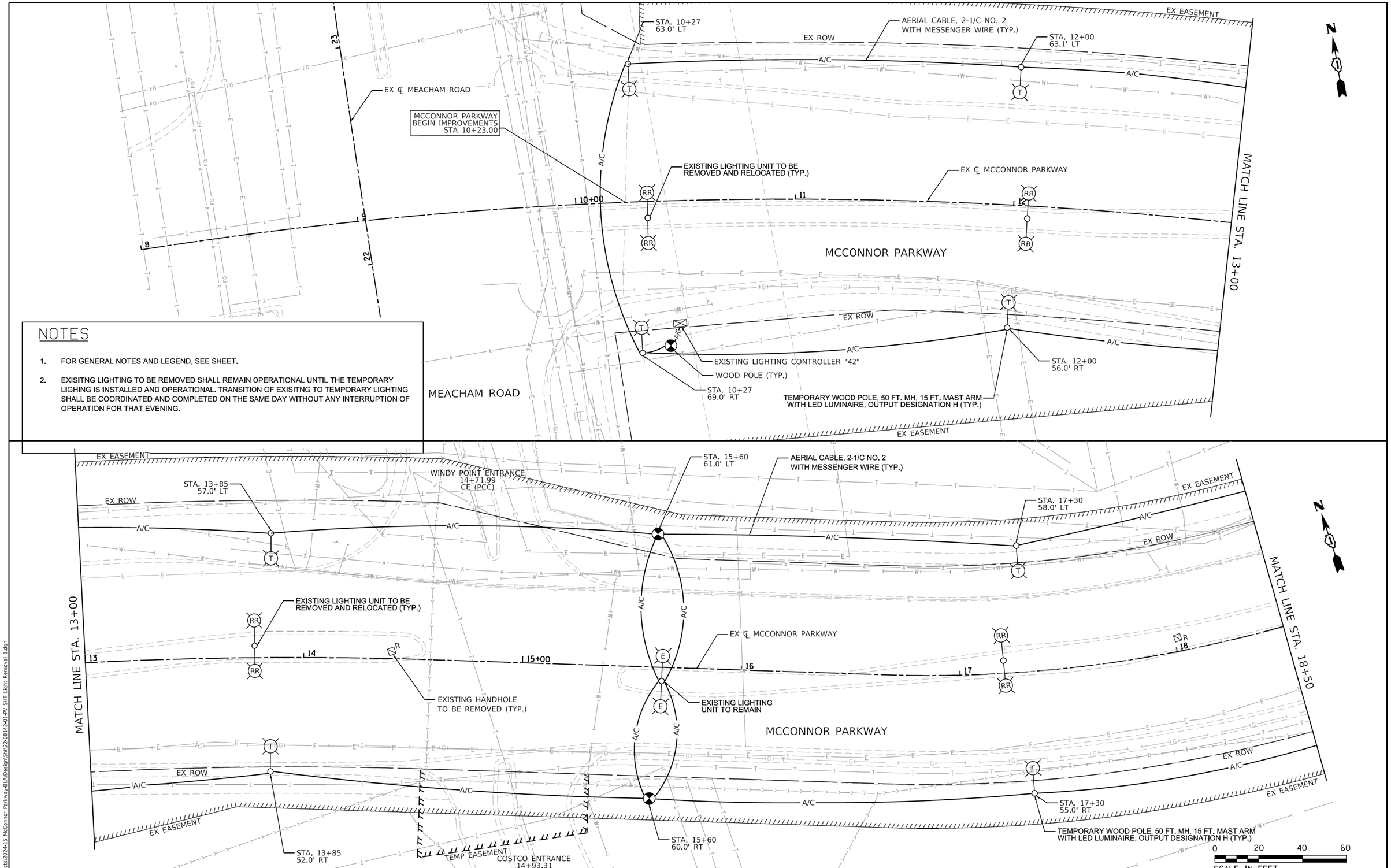
1. THIS PROJECT INCLUDES THE RECONSTRUCTION OF MCCONNER PARKWAY, BETWEEN MEACHAM ROAD. AND ROOSEVELT BLVD. EXISTING MEDIAN LIGHTING UNITS THAT WILL BE IN CONFLICT WITH THE IMPROVEMENTS AND SHALL BE REMOVED AND RELOCATED. TEMPORARY LIGHTING SHALL BE PROVIDED DURING THE CONSTRUCTION STAGES UNTIL THE RELOCATED LIGHTING IS INSTALLED AND OPERATIONAL. THE LIGHTING IS OWNED AND MANTAINED BY THE VILLAGE OF SCHUMBURG AND SHALL BE CONNECTED TO THE EXISTING LIGHTING CONTROLLERS.
2. THE QUANTITIES OF RACEWAYS WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
4. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES AND TREES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS. THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING WORK.
5. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
6. LIGHTING SYSTEM INSTALLATION SHALL CONFROM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL STANDARDS.
7. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.
8. GROUND RODS SHALL BE INSTALLED AT EACH RELOCATED LIGHTING UNIT.
9. THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES AND TREES ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AS DETERMINED BY THE ENGINEER.

BILL OF MATERIALS

DESCIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	323
UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2163
AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	5365
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	20
LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	10
BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	10
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	20
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	10
REMOVAL OF POLE FOUNDATION	EACH	10
REMOVE EXISTING HANDHOLE	EACH	4
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	20
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	12
RELOCATE LIGHTING UNITS AND POLES	EACH	10
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18

LEGEND

(E)—○—(E)	EXISTING LIGHTING UNIT TO REMAIN
(RR)—○—(RR)	EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED
(RL)—○—(RL)	RELOCATED LIGHTING UNIT
○—(T)	TEMPORARY WOOD POLE, 50 FT. MH, 15 FT. MAST ARM WITH LED LUMINAIRE, OUTPUT DESIGNATION G
⊠	EXISTING LIGHTING CONTROLLER TO REMAIN
E——E	UNDERGROUND CONDUIT GALVANIZED STEEL 4" DIA.
⊘R	EXISTING HANDHOLE TO BE REMOVED
— - —	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1½" DIA. POLYETHYLENE
— A/C —	AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE
⊗	TEMPORARY WOOD POLE, 60 FT., CLASS 4



NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. EXISITNG LIGHTING TO BE REMOVED SHALL REMAIN OPERATIONAL UNTIL THE TEMPORARY LIGHING IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISITNG TO TEMPORARY LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT EVENING.

MODEL: Default
FILE NAME: P:\Projects\2024-15 McConnor Parkway\BLA\Design\Sht\22-00142-01-PV_SHT_Light_Removal_1.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Mhyder	DESIGNED - MH	REVISED -	
	DRAWN - MD	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -	
PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

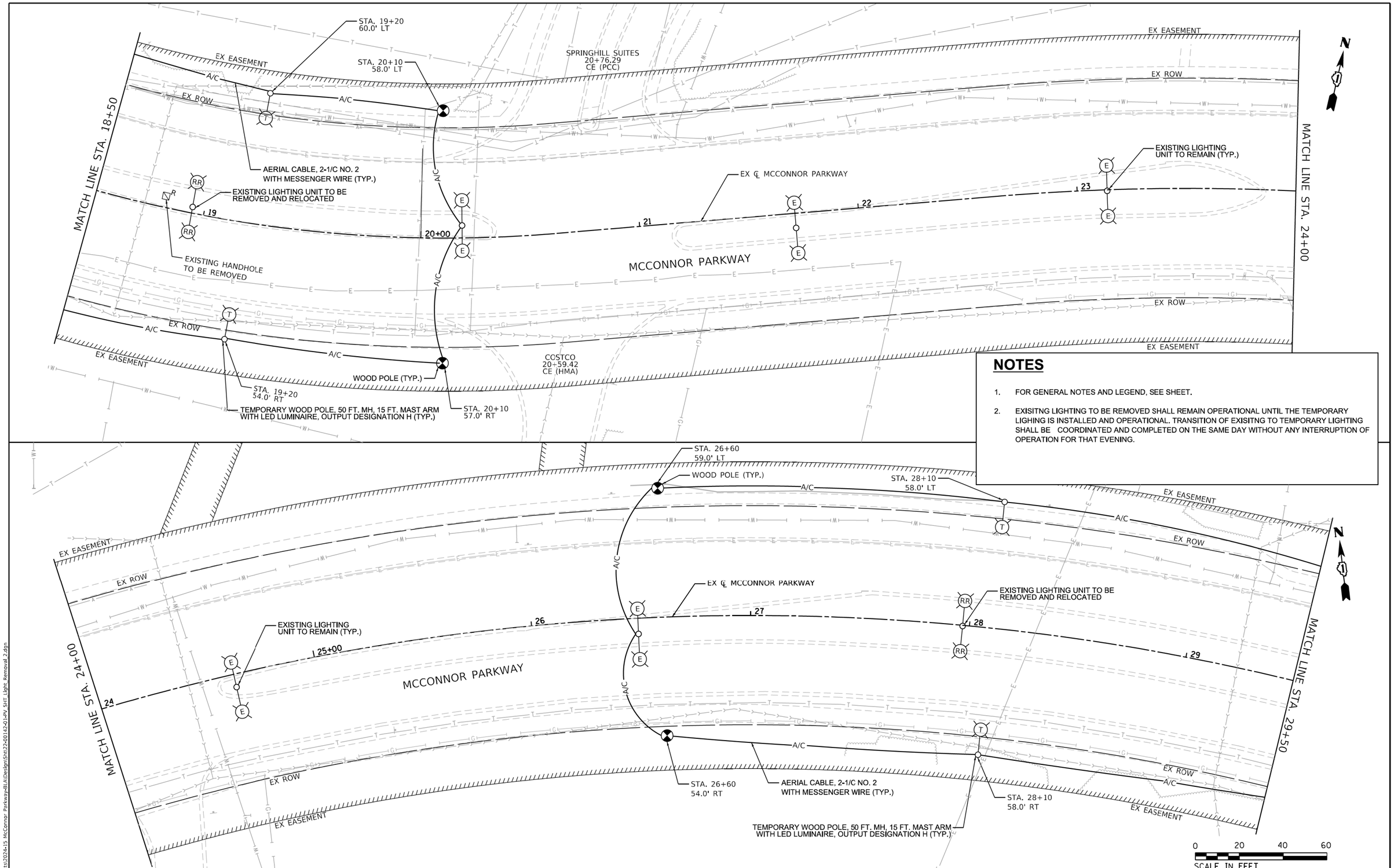
MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD.
LIGHTING REMOVAL / TEMPORARY PLANS

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 10+23 TO STA. 18+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	153

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT

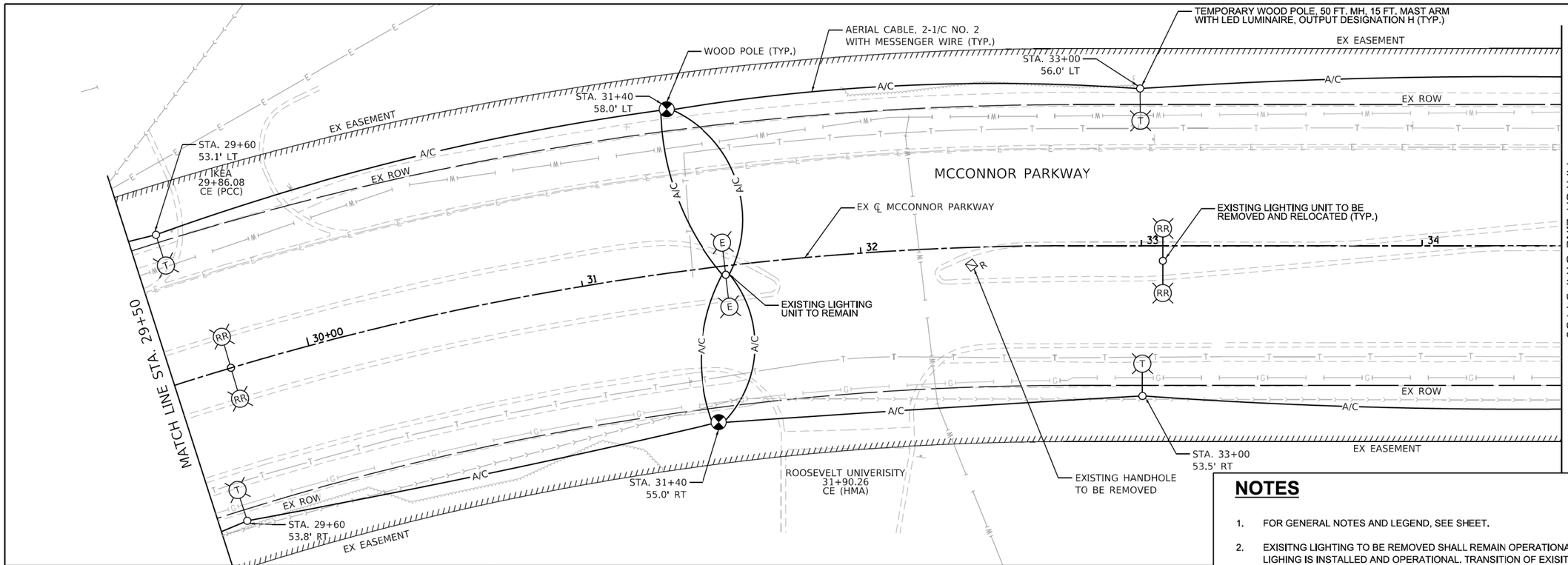


NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. EXISITNG LIGHTING TO BE REMOVED SHALL REMAIN OPERATIONAL UNTIL THE TEMPORARY LIGHING IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISITNG TO TEMPORARY LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT EVENING.

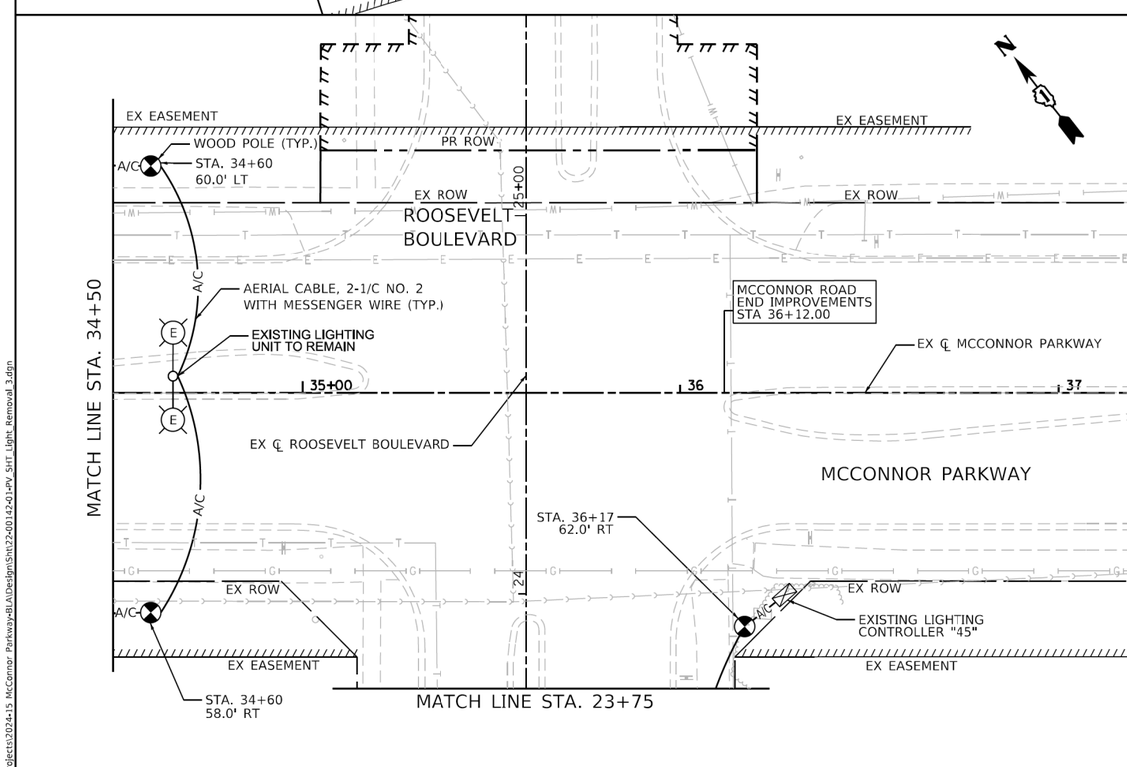
MODEL: Default
FILE NAME: P:\Projects\2024-15 McConnor Parkway-BLA\Design\Sht22-00142-01-PV_SHT_Light_Removal_2.dgn

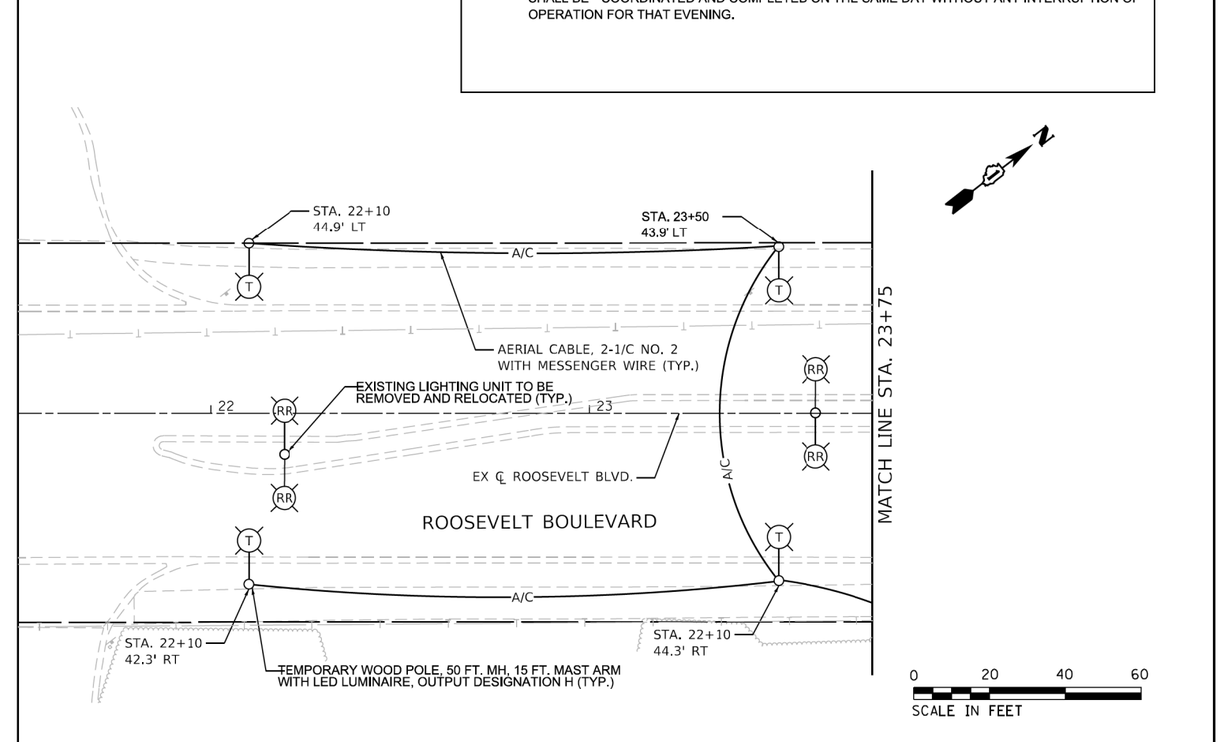
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Mhyder	DESIGNED - MH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD. LIGHTING REMOVAL / TEMPORARY PLANS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MD	REVISED -			7008	22-00142-01-PV	COOK	204	154
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -					CONTRACT NO. 61L37		
	PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -		SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 18+50 TO STA. 29+50			ILLINOIS FED. AID PROJECT		



NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. EXISITNG LIGHTING TO BE REMOVED SHALL REMAIN OPERATIONAL UNTIL THE TEMPORARY LIGHING IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISITNG TO TEMPORARY LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT EVENING.





MODEL: Default
FILE NAME: P:\Projects\2024-15 McConnor Parkway-BLA\Design\Sht\22-00142-01-PV_Sht_Light_Removal_3.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Mhyder	DESIGNED - MH	REVISED -
		DRAWN - MD	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -
	PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

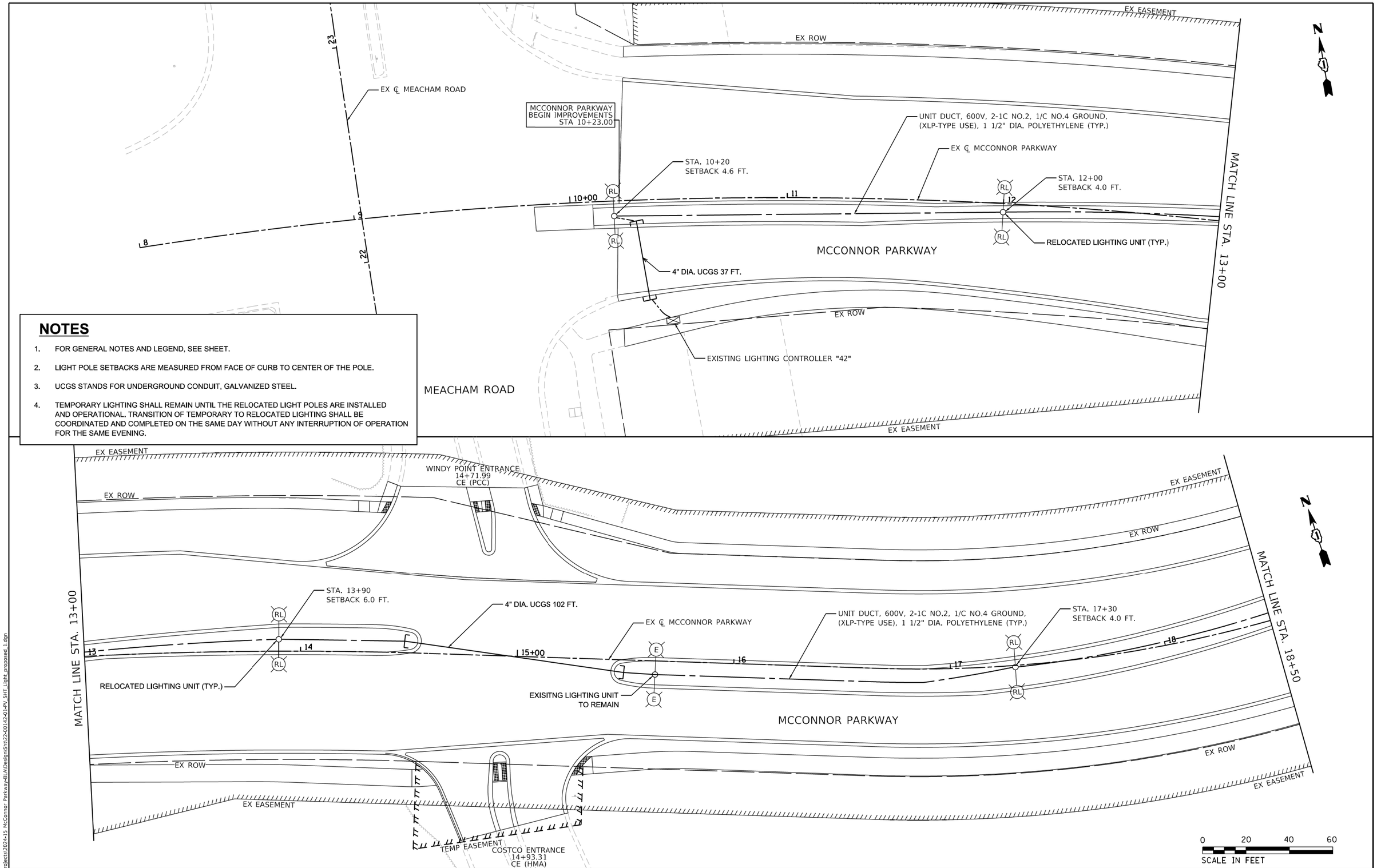
MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD.
LIGHTING REMOVAL / TEMPORARY PLANS

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 29+50 TO STA. 40+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	155

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. LIGHT POLE SETBACKS ARE MEASURED FROM FACE OF CURB TO CENTER OF THE POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. TEMPORARY LIGHTING SHALL REMAIN UNTIL THE RELOCATED LIGHT POLES ARE INSTALLED AND OPERATIONAL. TRANSITION OF TEMPORARY TO RELOCATED LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THE SAME EVENING.

MODEL: Default
FILE NAME: P:\Projects\2024-15 McConnor Parkway-BL\AD\Design\Sht\22-00142-01-PV_Sht_Light_proposed_1.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Mhyder	DESIGNED - MH	REVISED -
		DRAWN - MD	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -
	PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

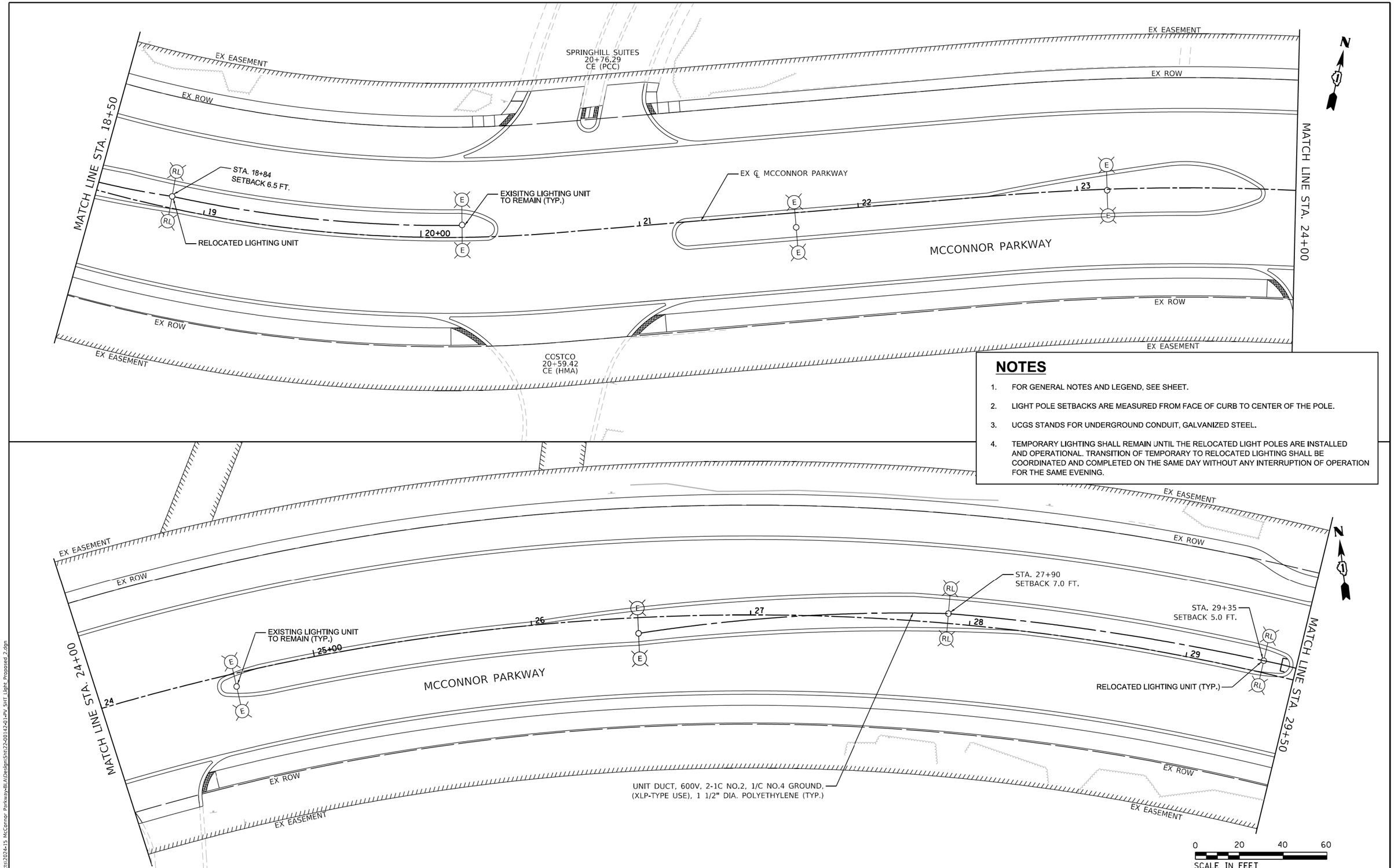
MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD.
LIGHTING PROPOSED PLANS

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 10+23 TO STA. 18+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	156

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. LIGHT POLE SETBACKS ARE MEASURED FROM FACE OF CURB TO CENTER OF THE POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. TEMPORARY LIGHTING SHALL REMAIN UNTIL THE RELOCATED LIGHT POLES ARE INSTALLED AND OPERATIONAL. TRANSITION OF TEMPORARY TO RELOCATED LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THE SAME EVENING.

MODEL: Default
FILE NAME: F:\Projects\2024-15 McConnor Parkway\dgn\Design\Sht\22-00142-01-PV_Sht_Light_Proposed_2.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Mhyder	DESIGNED - MH	REVISED -
		DRAWN - MD	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -
	PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

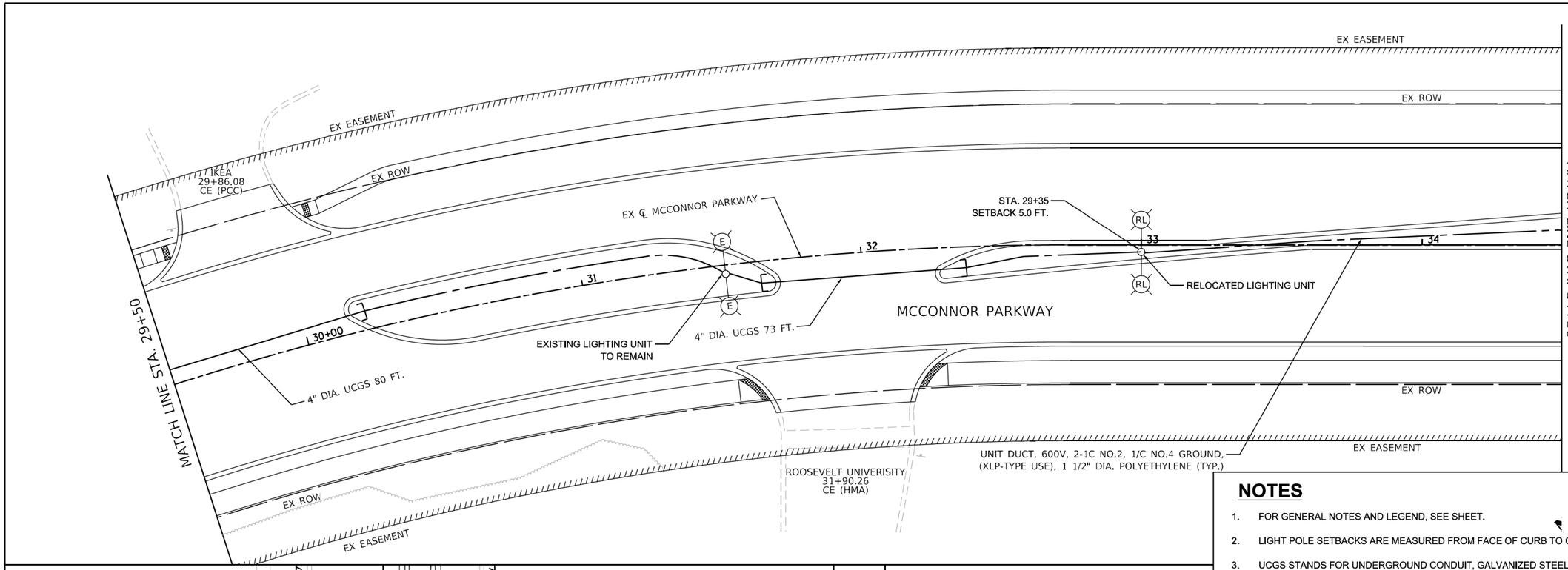
MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD.
LIGHTING PROPOSED PLANS

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 18+50 TO STA. 29+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	157

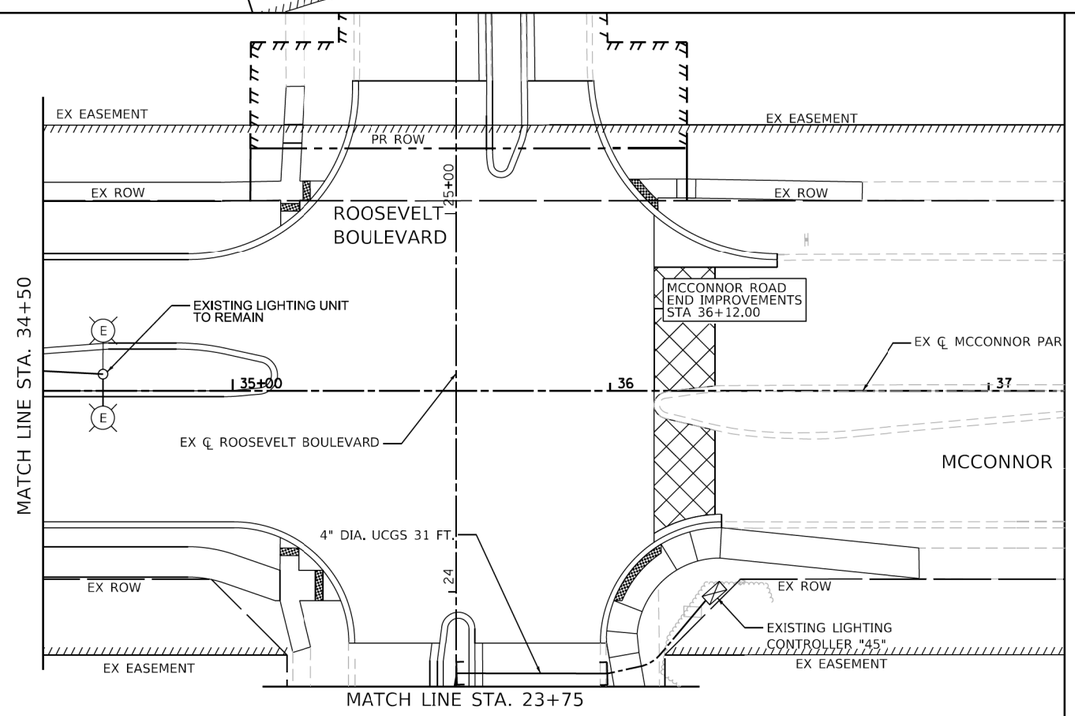
CONTRACT NO. 61L37

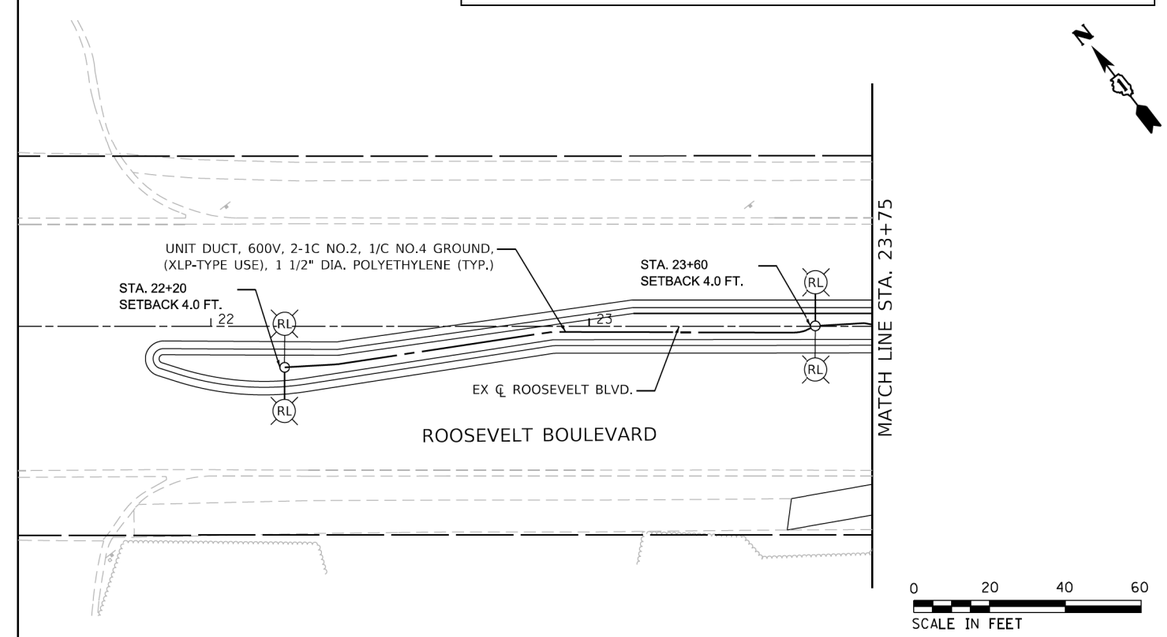
ILLINOIS FED. AID PROJECT



NOTES

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET.
2. LIGHT POLE SETBACKS ARE MEASURED FROM FACE OF CURB TO CENTER OF THE POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. TEMPORARY LIGHTING SHALL REMAIN UNTIL THE RELOCATED LIGHT POLES ARE INSTALLED AND OPERATIONAL. TRANSITION OF TEMPORARY TO RELOCATED LIGHTING SHALL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THE SAME EVENING.





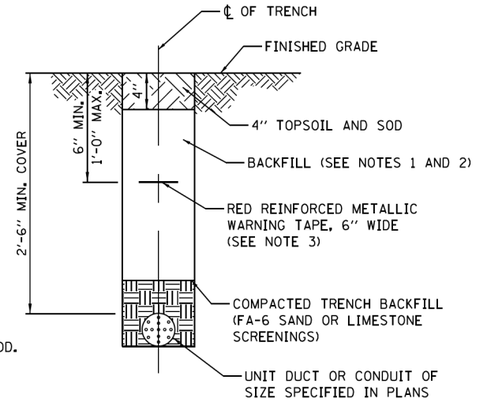
MODEL: Default
FILE NAME: F:\Projects\2024\15 McConnor Parkway-BIA\Design\Sht\22-00142-01-PV_SHT_Light_proposed_3.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Mhyder	DESIGNED - MH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY – MEACHAM ROAD TO ROOSEVELT BLVD. LIGHTING PROPOSED PLANS
		DRAWN - MD	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BL	REVISED -		
	PLOT DATE = 2/13/2025	DATE - 01/13/2025	REVISED -		SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 29+50 TO STA. 40+00

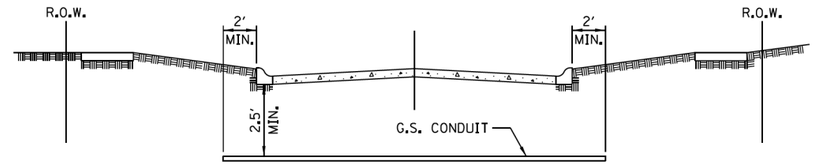
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	158
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

NOTES:

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



TYPICAL TRENCH CROSS SECTION

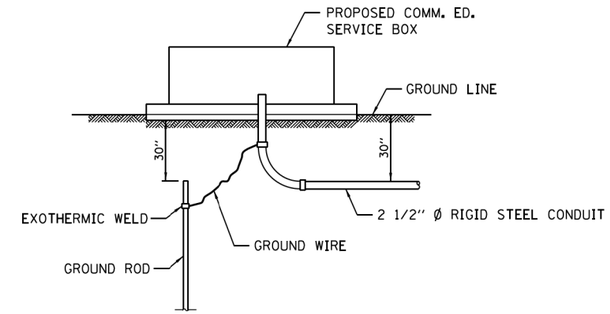


STREET CROSSING

NOTES

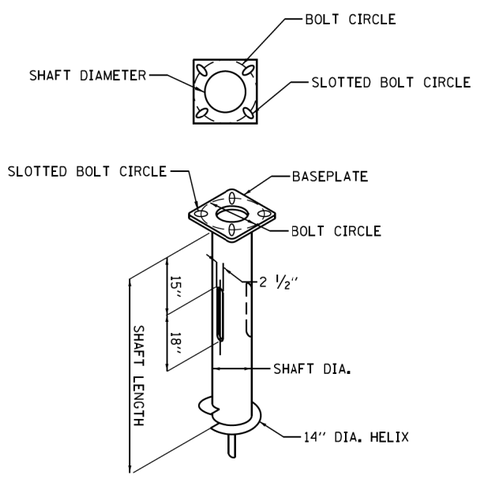
1. PAVEMENT INCLUDES ROADS, DRIVEWAYS, SIDEWALKS, AND BIKE PATHS.
2. CONDUIT SHALL BE HEAVY WALL RIGID GALVANIZED STEEL CONDUIT, MINIMUM 2" DIAMETER.
3. CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB OR EDGE OF PAVEMENT.
4. CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF PAVEMENT.

ELECTRICAL CONDUIT UNDER PAVEMENT

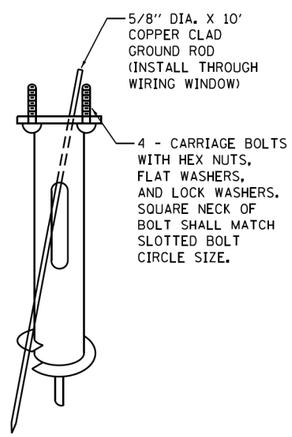


PROPOSED SERVICE INSTALLATION

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



HELIX FOUNDATION SIZE



POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	11½"	8⅝"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8⅝"	6 FT.	15" X 15" X 1¼"
41 FT. - 45 FT.	15"	8⅝"	6 FT.	15" X 15" X 1¼"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1¼"

NOTES FOR METAL FOUNDATION

1. METAL FOUNDATION SHALL BE THE FOUNDATION USED FOR ALL LIGHTING AND DECORATIVE LIGHTING UNITS UNLESS CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATIONS, THEN AN OFFSET FOUNDATION SHALL BE USED WITH ENGINEER APPROVAL.
2. ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINOUS AND NOT LESS THAN ¼" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. FABRICATE TWO SLOTS IN THE SHAFT AT 180 DEGREES FOR UNIT DUCTS AND CABLES ENTERING AND LEAVING THE POLE FOUNDATION.
5. TOP PLATE SHALL BE PERMANENTLY MARKED WITH THE CABLING SLOT LOCATIONS.
6. HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASEPLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
8. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASEPLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
9. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH SAND.
10. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
11. GROUND ROD, 5/8" DIA. x 10', THROUGH FOUNDATION WILL BE REQUIRED AND INCLUDED ON ALL LIGHT POLE FOUNDATIONS INCLUDING METAL FOUNDATIONS.
12. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
13. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
14. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
15. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.
16. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

BASE PLATE: AASHTO M 270M, GRADE 36 (M270M, GRADE 250)

SHAFT: ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)

HELIX SCREW: AASHTO M 183 (ASTM A 635) (LATEST REVISION)

PILOT POINT: AASHTO M 270 (ASTM A 575) (LATEST REVISION)

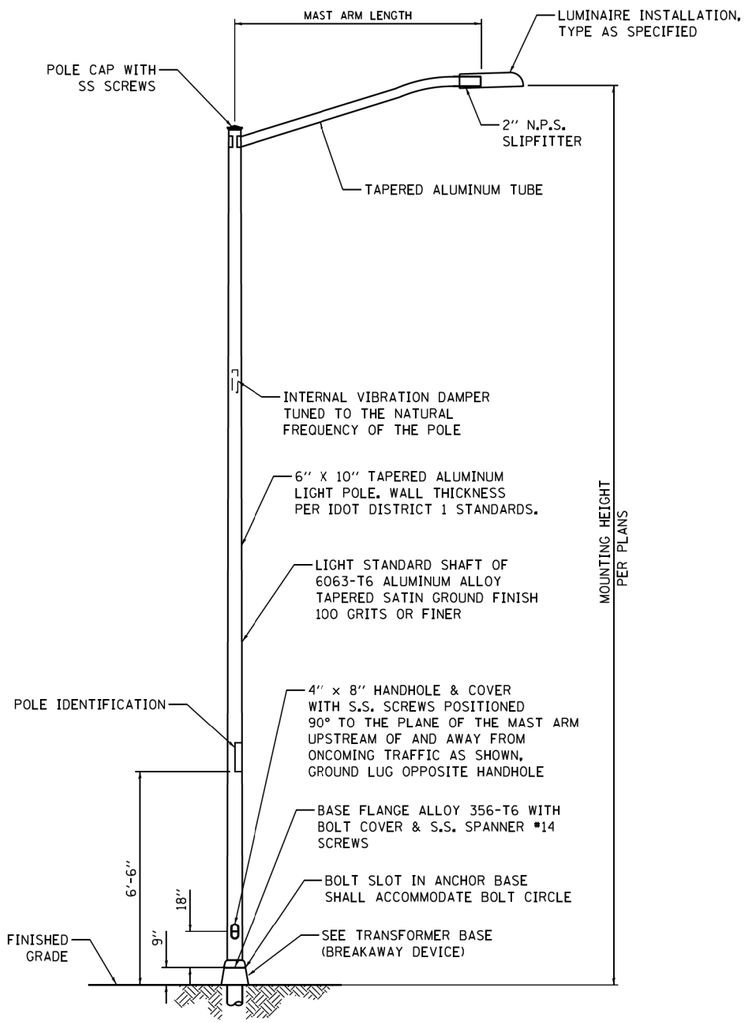
ANCHOR RODS/STUDS: AASHTO M 314 (ASTM F 1554) (LATEST REVISION)

HEXAGON NUTS: AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)

WASHERS: AASHTO M 293 (ASTM F 436) (LATEST REVISION)

POLE FOUNDATION METAL

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

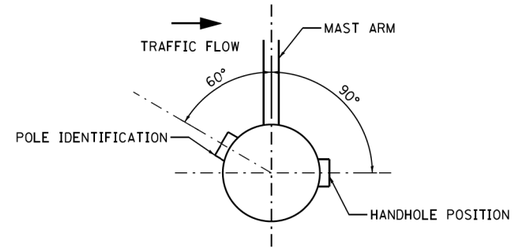


NOTES:

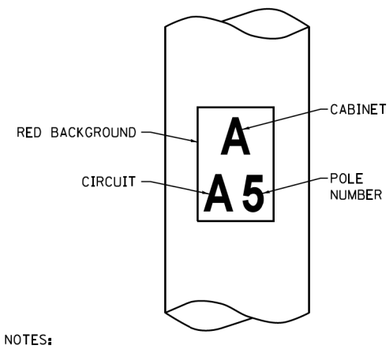
1. HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
2. DESIGN AND FABRICATION OF THE POLE SHAFT, ARMS, TENONS, AND ATTACHMENTS SHALL BE ACCORDING TO AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED.
3. POLES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

LIGHTING UNIT

(NOT TO SCALE)



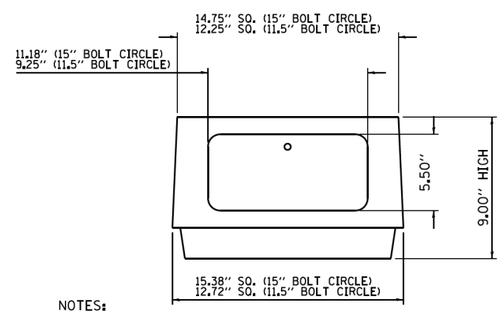
POSITION OF HANDHOLE AND POLE IDENTIFICATION



NOTES:

1. 2" HIGH WHITE LETTERS SCREENED ON A 4" X 6" RED, PRESSURE SENSITIVE AND REFLECTIVE BACKGROUND. INSTALL ONLY WHEN AIR TEMPERATURE IS AT LEAST FIFTY DEGREES FAHRENHEIT.
2. THE CONTRACTOR SHALL COORDINATE LIGHT POLE AND CONTROLLER IDENTIFICATION NUMBERS WITH THE VILLAGE PRIOR TO CONSTRUCTION.

POLE IDENTIFICATION

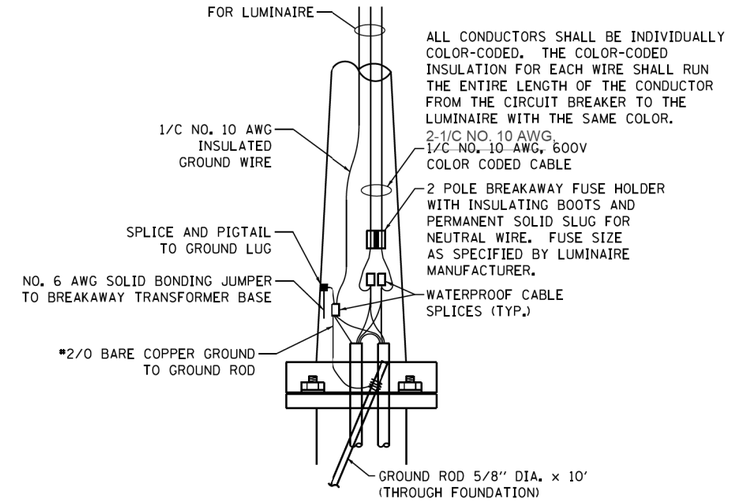


NOTES:

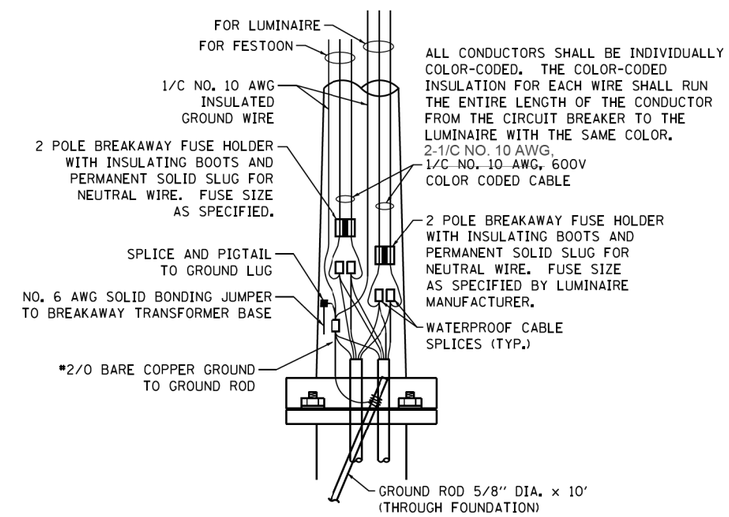
1. DOORS: ALUMINUM ONLY.
2. HARDWARE: CARRIAGE BOLTS SHALL BE USED WITH FLAT WASHER, LOCK WASHER, AND NUTS. NO THREADED ROD ALLOWED.
3. GROUNDING: AREA WHERE THE GROUND WIRE ATTACHES TO TRANSFORMER BASE MUST BE SCRATCHED TO ENSURE EFFECTIVE BONDING.

TRANSFORMER BASE (BREAKAWAY DEVICE)

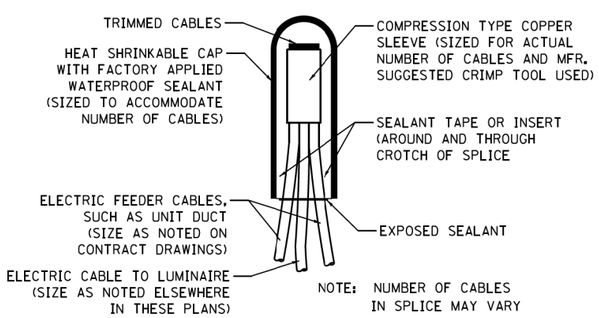
(MEET LATEST AASHTO REQUIREMENTS)



ROADWAY POLE HANDHOLE WIRING DIAGRAM FOR SINGLE LUMINAIRE



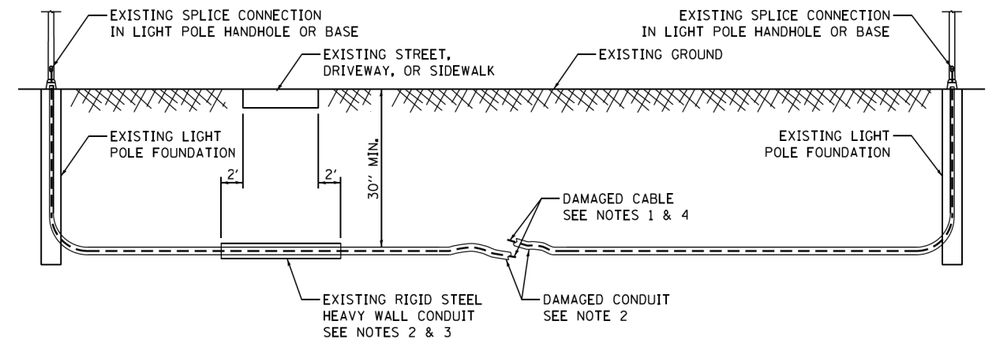
ROADWAY POLE HANDHOLE WIRING DIAGRAM FOR SINGLE LUMINAIRE WITH FESTOON



SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS

LIGHTING REPAIR GENERAL NOTES:

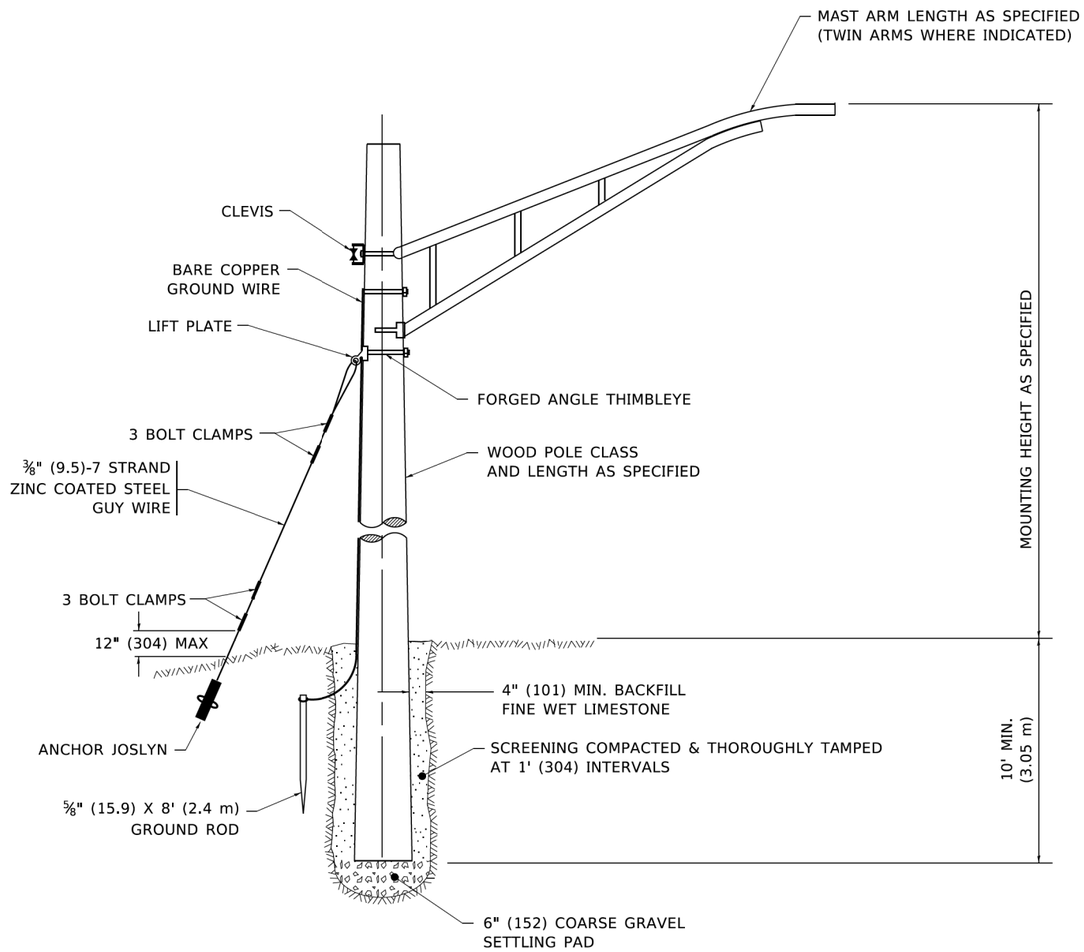
1. ALL NEW ELECTRIC CABLES SHALL BE INSTALLED IN CONDUITS OR AS UNIT DUCT.
2. ALL CABLES SHALL BE CONTINOUS RUNS BETWEEN ABOVE-GROUND SPLICE CONNECTIONS. NO UNDERGROUND SPLICES SHALL BE ALLOWED.
3. NEW CONDUITS SHALL BE INSTALLED BY BORING.
4. ALL FLEXIBLE CONDUIT/UNIT DUCT RUNS SHALL BE CONTINOUS. NO CONDUIT SPLICING SHALL BE ALLOWED.
5. ALL RIGID STEEL CONDUIT RUNS SHALL BE CONTINOUS. NO CONDUIT SPLICING SHALL BE ALLOWED.
6. RIGID STEEL CONDUITS UNDER PAVEMENT CROSSINGS SHALL BE RE-USED IF THEY ARE NOT DAMAGED AND ARE AT THE PROPER DEPTH. NEW RIGID STEEL CONDUITS SHALL BE INSTALLED IF THE EXISTING CONDUITS ARE DAMAGED OR LESS THAN 30-INCHES DEEP.
7. ALL STREET LIGHTING CONDUITS SHALL BE A MINIMUM OF 30-INCHES DEEP.
8. ALL DISTURBED AREAS SHALL BE BACKFILLED AND RESTORED WITH APPROPRIATE MATERIALS FOR PAVED OR UN-PAVED AREAS.



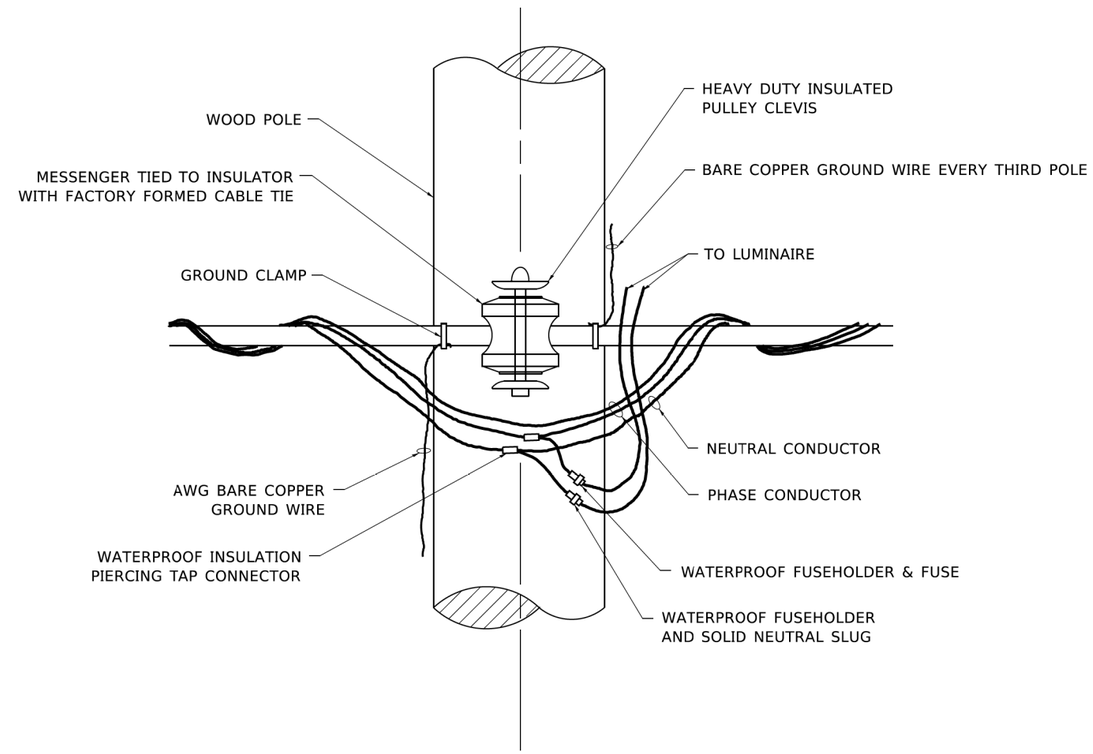
NOTES:

1. REMOVE ALL ELECTRIC CABLES TO THE ADJACENT SPLICE CONNECTION ON EACH SIDE OF THE DAMAGED CONDUIT.
2. REMOVE THE EXISTING HDPE CONDUIT FROM THE LIGHT POLE FOUNDATIONS AND FROM EXISTING RIGID STEEL CONDUITS. ABANDON THE REMAINING CONDUIT RUN.
3. INSTALL NEW HDPE CONDUIT TO MATCH THE EXISTING SIZE, OR PER LATEST ELECTRIC STANDARDS. ROUTE NEW CONDUIT THROUGH EXISTING RIGID STEEL CONDUIT CROSSINGS AND LIGHT POLE FOUNDATIONS. IF RIGID STEEL CONDUITS DO NOT EXIST UNDER PAVEMENT CROSSINGS, THEY SHALL BE INSTALLED AS PART OF THE REPLACEMENT WORK. IF EXISTING RIGID STEEL CONDUITS ARE LESS THAN THE MINIMUM REQUIRED DEPTH, NEW RIGID STEEL CONDUITS SHALL BE INSTALLED AT THE PROPER DEPTH.
4. PROVIDE NEW CABLES EQUIVALENT TO THOSE REMOVED, OR PER LATEST ELECTRIC STANDARDS, FOR THE ENTIRE LENGTH TO THE ADJACENT CONNECTIONS. NO UNDERGROUND CABLE SPLICES ARE ALLOWED.
5. BACKFILL AND RESTORE DISTURBED AREAS WITH APPROPRIATE MATERIALS FOR PAVED OR UN-PAVED AREAS.
6. ALL MATERIAL THAT IS REMOVED IS THE PROPERTY OF THE VILLAGE AND SHALL BE RETURNED TO THE VILLAGE BY THE CONTRACTOR. THIS SHALL INCLUDE BUT IS NOT LIMITED TO: WIRE, CONDUIT, POLES, ARMS, AND FIXTURES.

LIGHTING CONDUIT REPAIR



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

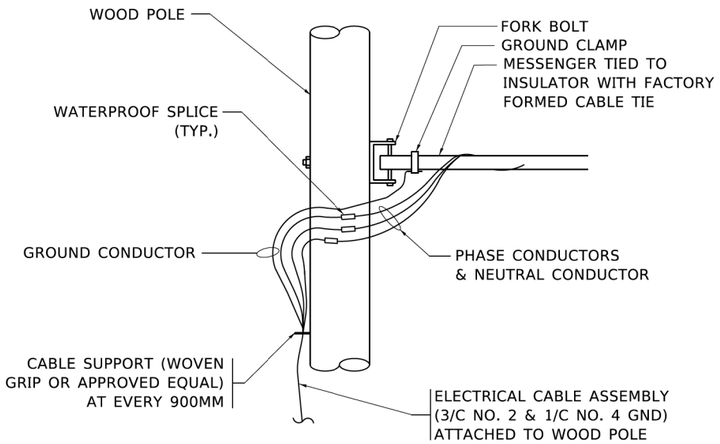
NOTE:

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

MODEL: Default
FILE NAME: pw://sldannoom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADdata\CADsheets\be800.dgn

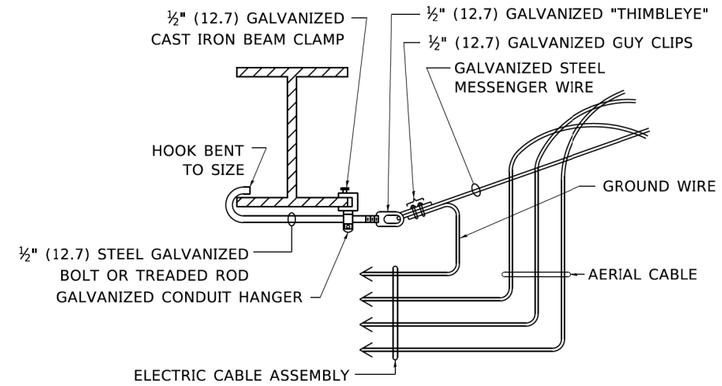
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = footemj	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHT POLE DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R.T. 07-26-16			7008	22-00142-01-PV	COOK	204	162
	PLOT SCALE = 50.0010 ' / in.	CHECKED -	REVISED -				BE–800	CONTRACT NO. 61L37		
	PLOT DATE = 4/19/2019	DATE -	REVISED -		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT		

be800.dgn 4/19/2019 3:24:15 PM User:footemj



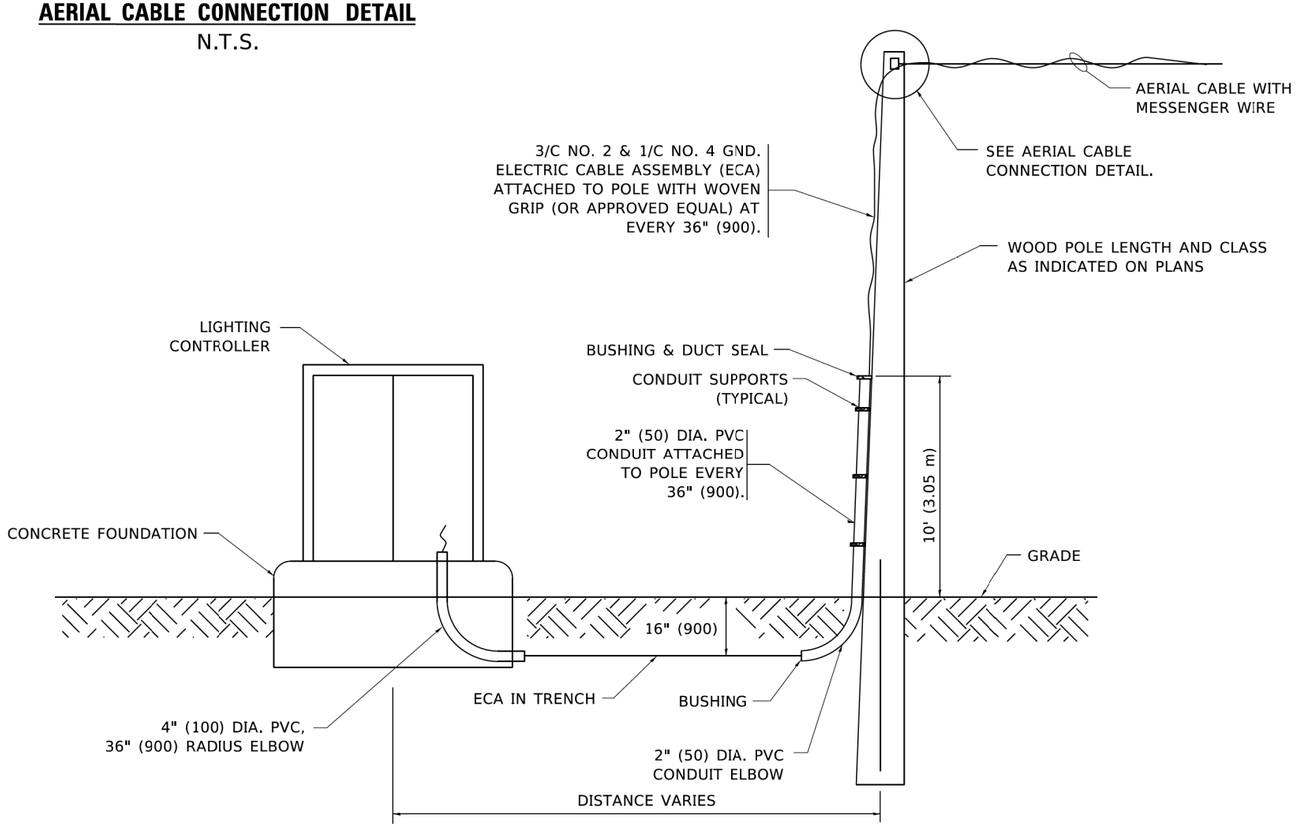
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE

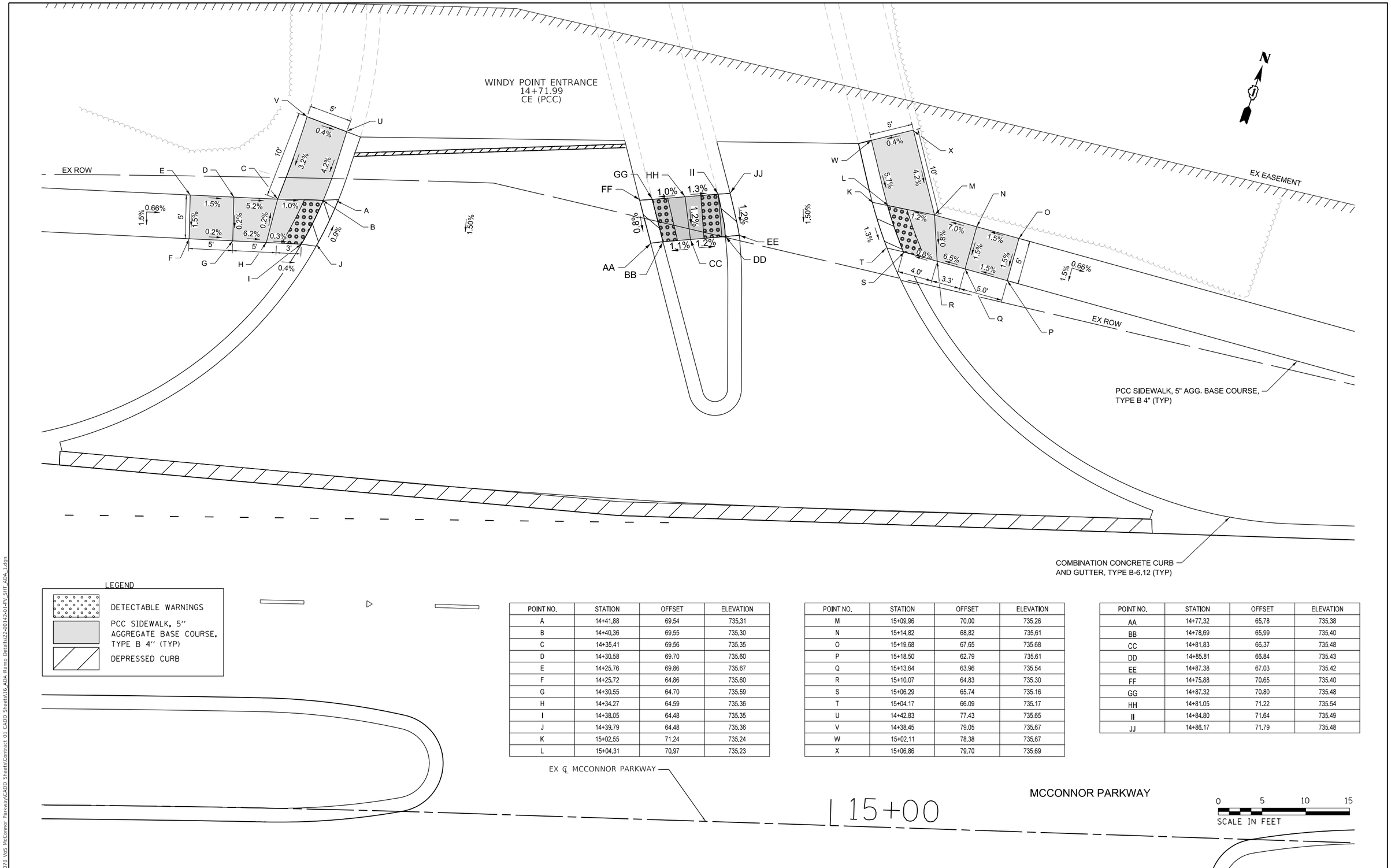


WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.



POINT NO.	STATION	OFFSET	ELEVATION
A	14+41.88	69.54	735.31
B	14+40.36	69.55	735.30
C	14+35.41	69.56	735.35
D	14+30.58	69.70	735.60
E	14+25.76	69.86	735.67
F	14+25.72	64.86	735.60
G	14+30.55	64.70	735.59
H	14+34.27	64.59	735.36
I	14+38.05	64.48	735.35
J	14+39.79	64.48	735.36
K	15+02.55	71.24	735.24
L	15+04.31	70.97	735.23

POINT NO.	STATION	OFFSET	ELEVATION
M	15+09.96	70.00	735.26
N	15+14.82	68.82	735.61
O	15+19.68	67.65	735.68
P	15+18.50	62.79	735.61
Q	15+13.64	63.96	735.54
R	15+10.07	64.83	735.30
S	15+06.29	65.74	735.16
T	15+04.17	66.09	735.17
U	14+42.83	77.43	735.65
V	14+38.45	79.05	735.67
W	15+02.11	78.38	735.67
X	15+06.86	79.70	735.69

POINT NO.	STATION	OFFSET	ELEVATION
AA	14+77.32	65.78	735.38
BB	14+78.69	65.99	735.40
CC	14+81.83	66.37	735.48
DD	14+85.81	66.84	735.43
EE	14+87.38	67.03	735.42
FF	14+75.88	70.65	735.40
GG	14+87.32	70.80	735.48
HH	14+81.05	71.22	735.54
II	14+84.80	71.64	735.49
JJ	14+86.17	71.79	735.48

MODEL: Default
FILE NAME: F:\061-078 VGS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_1.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -	
	DRAWN - JR	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -	
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

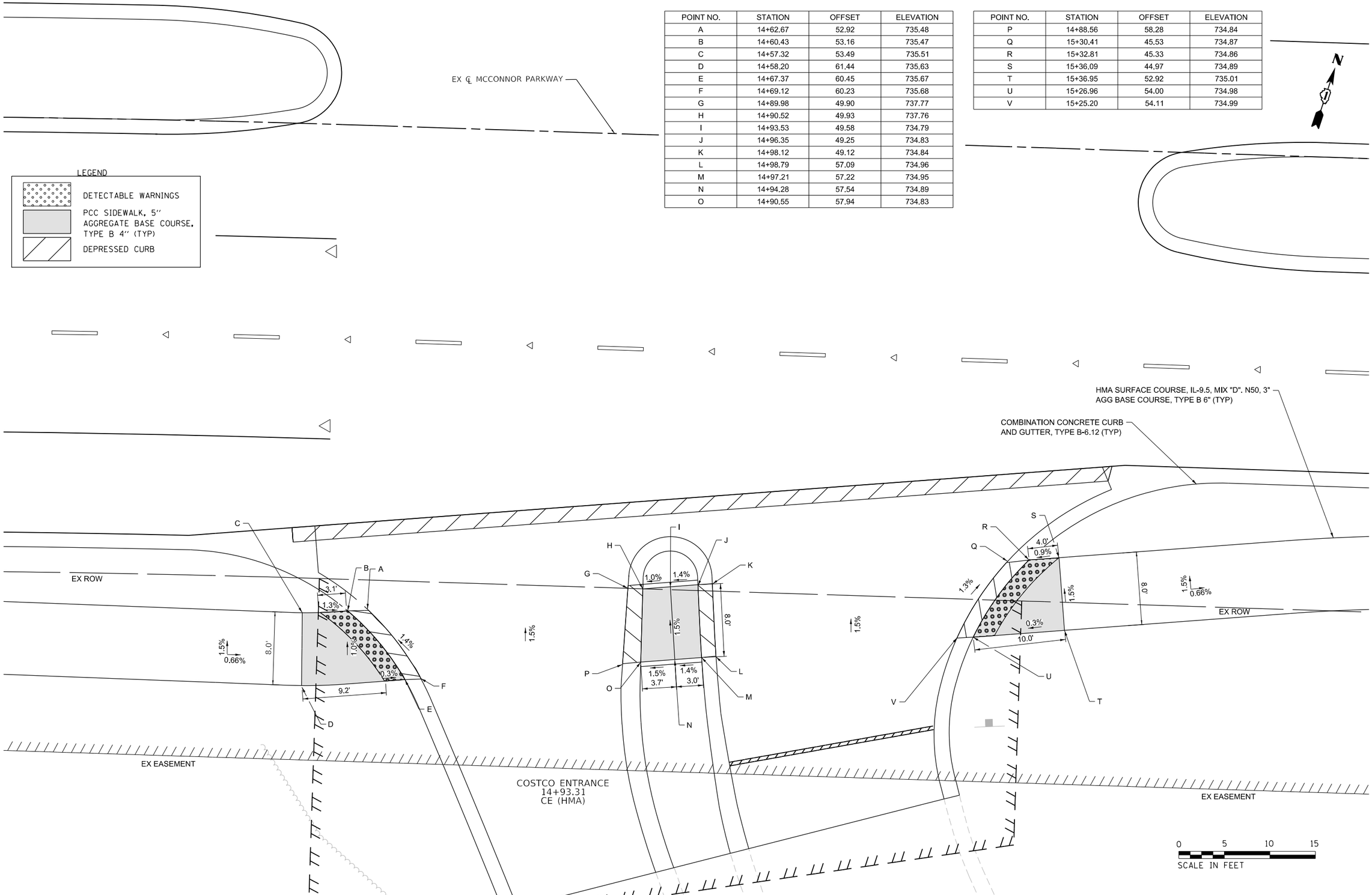
MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 1 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	164
		CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		

POINT NO.	STATION	OFFSET	ELEVATION
A	14+62.67	52.92	735.48
B	14+60.43	53.16	735.47
C	14+57.32	53.49	735.51
D	14+58.20	61.44	735.63
E	14+67.37	60.45	735.67
F	14+69.12	60.23	735.68
G	14+89.98	49.90	737.77
H	14+90.52	49.93	737.76
I	14+93.53	49.58	734.79
J	14+96.35	49.25	734.83
K	14+98.12	49.12	734.84
L	14+98.79	57.09	734.96
M	14+97.21	57.22	734.95
N	14+94.28	57.54	734.89
O	14+90.55	57.94	734.83

POINT NO.	STATION	OFFSET	ELEVATION
P	14+88.56	58.28	734.84
Q	15+30.41	45.53	734.87
R	15+32.81	45.33	734.86
S	15+36.09	44.97	734.89
T	15+36.95	52.92	735.01
U	15+26.96	54.00	734.98
V	15+25.20	54.11	734.99



MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV SHT ADA 2.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

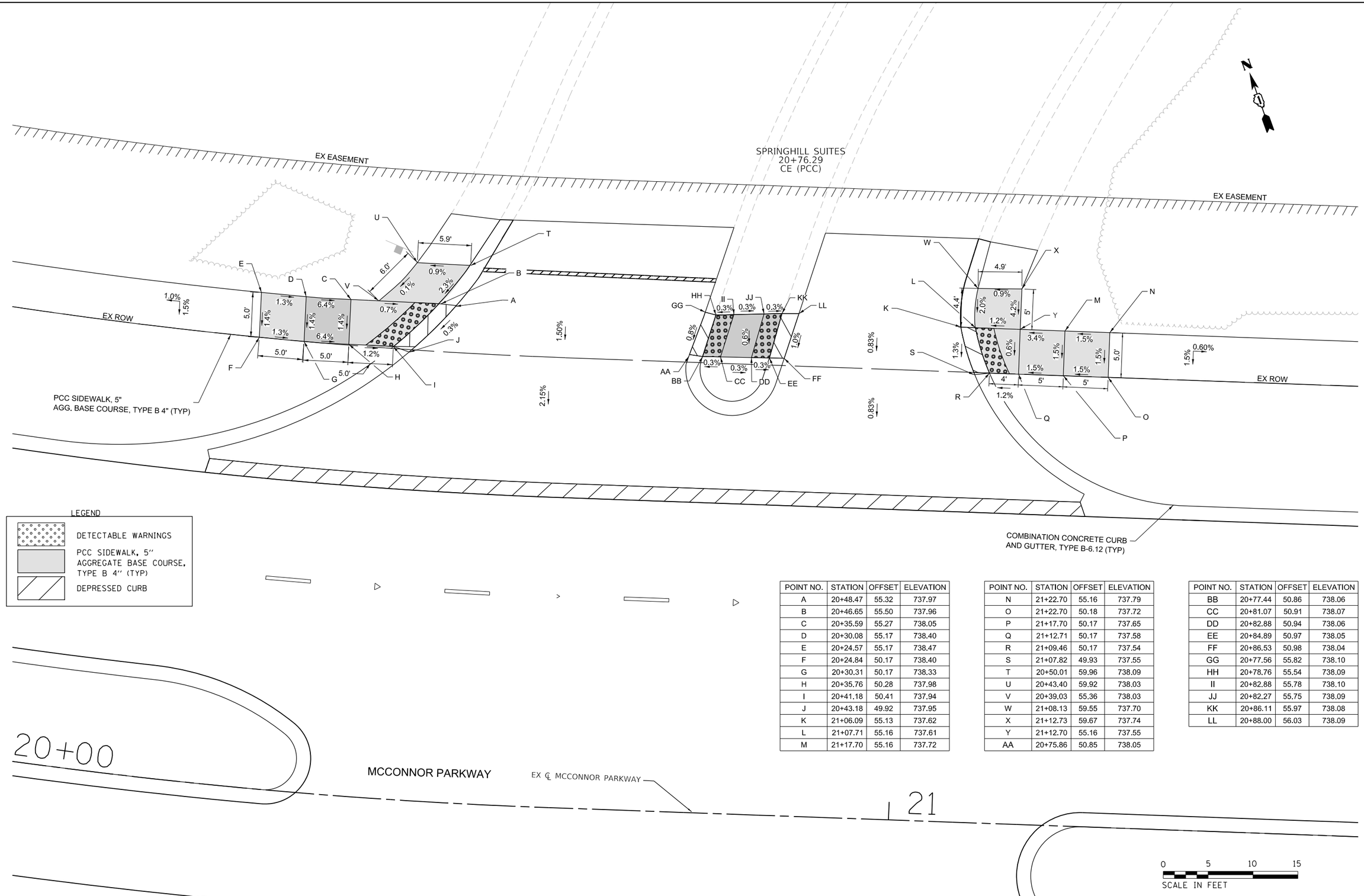
MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 2 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	165

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



POINT NO.	STATION	OFFSET	ELEVATION
A	20+48.47	55.32	737.97
B	20+46.65	55.50	737.96
C	20+35.59	55.27	738.05
D	20+30.08	55.17	738.40
E	20+24.57	55.17	738.47
F	20+24.84	50.17	738.40
G	20+30.31	50.17	738.33
H	20+35.76	50.28	737.98
I	20+41.18	50.41	737.94
J	20+43.18	49.92	737.95
K	21+06.09	55.13	737.62
L	21+07.71	55.16	737.61
M	21+17.70	55.16	737.72

POINT NO.	STATION	OFFSET	ELEVATION
N	21+22.70	55.16	737.79
O	21+22.70	50.18	737.72
P	21+17.70	50.17	737.65
Q	21+12.71	50.17	737.58
R	21+09.46	50.17	737.54
S	21+07.82	49.93	737.55
T	20+50.01	59.96	738.09
U	20+43.40	59.92	738.03
V	20+39.03	55.36	738.03
W	21+08.13	59.55	737.70
X	21+12.73	59.67	737.74
Y	21+12.70	55.16	737.55
AA	20+75.86	50.85	738.05

POINT NO.	STATION	OFFSET	ELEVATION
BB	20+77.44	50.86	738.06
CC	20+81.07	50.91	738.07
DD	20+82.88	50.94	738.06
EE	20+84.89	50.97	738.05
FF	20+86.53	50.98	738.04
GG	20+77.56	55.82	738.10
HH	20+78.76	55.54	738.09
II	20+82.88	55.78	738.10
JJ	20+82.27	55.75	738.09
KK	20+86.11	55.97	738.08
LL	20+88.00	56.03	738.09

MODEL: Default
FILE NAME: F:\B61-078 WS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_3.dgn

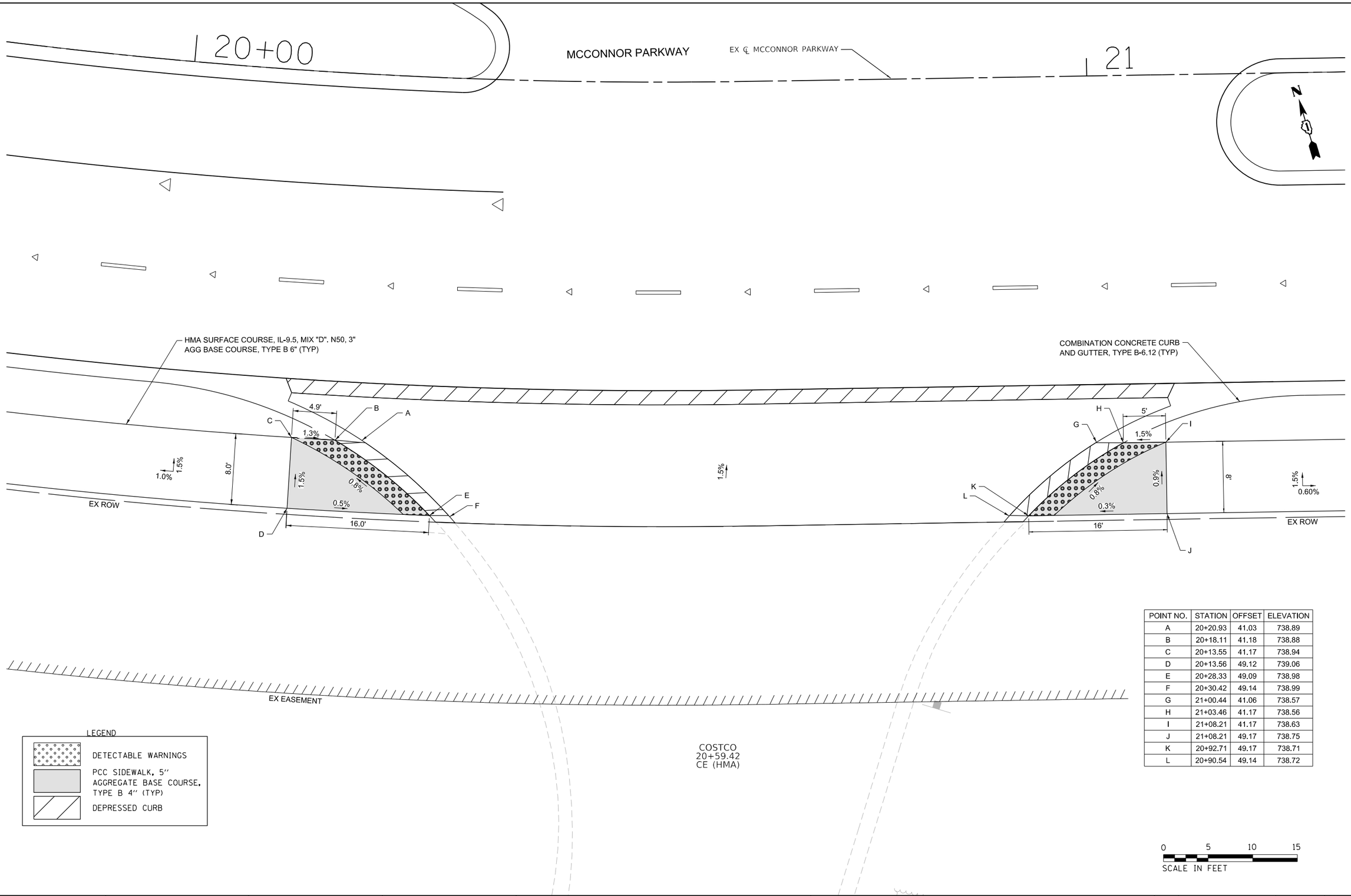
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 3 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	166
		CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		



POINT NO.	STATION	OFFSET	ELEVATION
A	20+20.93	41.03	738.89
B	20+18.11	41.18	738.88
C	20+13.55	41.17	738.94
D	20+13.56	49.12	739.06
E	20+28.33	49.09	738.98
F	20+30.42	49.14	738.99
G	21+00.44	41.06	738.57
H	21+03.46	41.17	738.56
I	21+08.21	41.17	738.63
J	21+08.21	49.17	738.75
K	20+92.71	49.17	738.71
L	20+90.54	49.14	738.72

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_4.dgn

BLA, Inc.

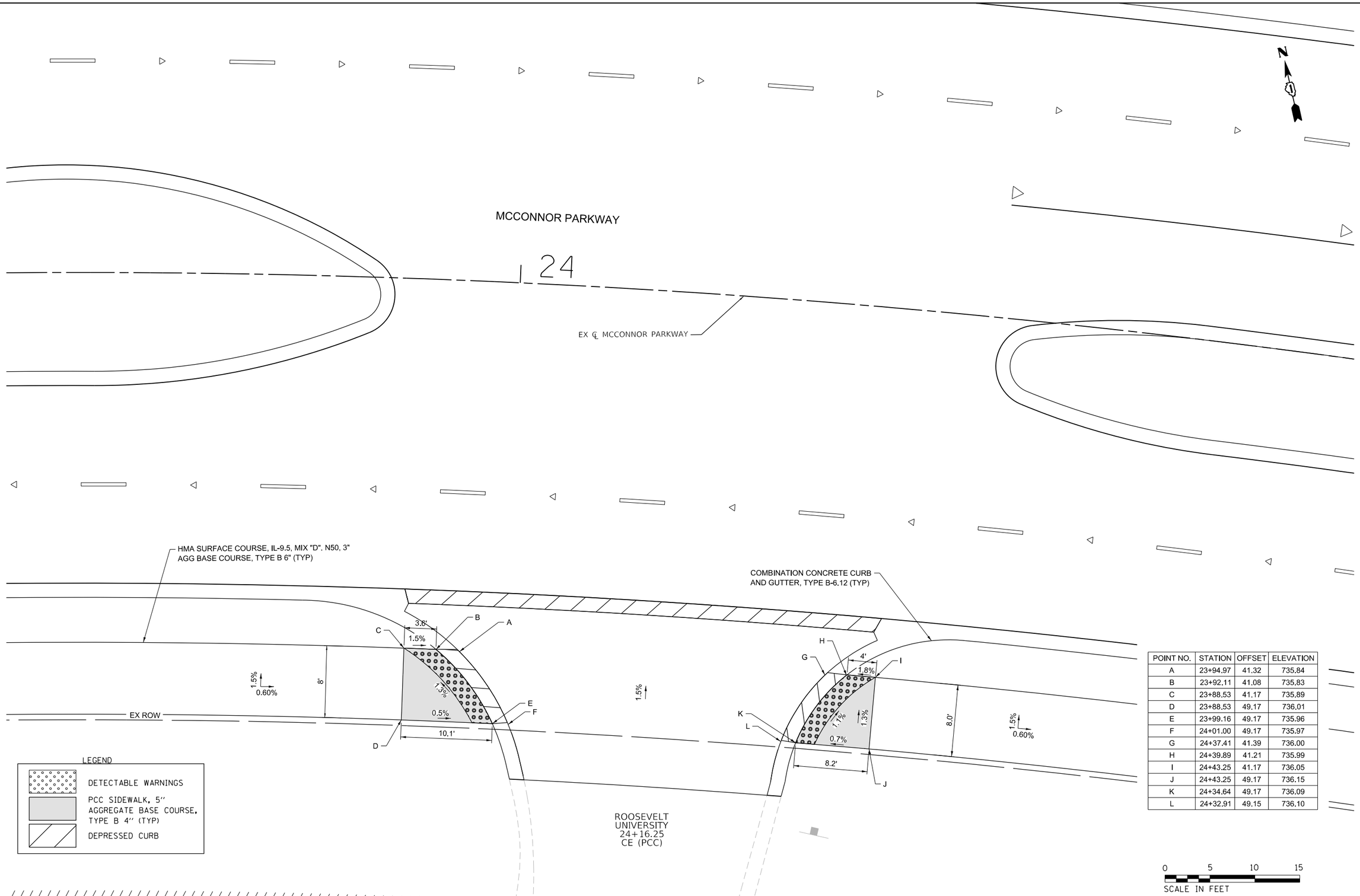
USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 4 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	167
		CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		



POINT NO.	STATION	OFFSET	ELEVATION
A	23+94.97	41.32	735.84
B	23+92.11	41.08	735.83
C	23+88.53	41.17	735.89
D	23+88.53	49.17	736.01
E	23+99.16	49.17	735.96
F	24+01.00	49.17	735.97
G	24+37.41	41.39	736.00
H	24+39.89	41.21	735.99
I	24+43.25	41.17	736.05
J	24+43.25	49.17	736.15
K	24+34.64	49.17	736.09
L	24+32.91	49.15	736.10

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV SHT ADA 5.dgn

BLA, Inc.

USER NAME = jrodriguez	DESIGNED - JR	REVISED -
	DRAWN - JR	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 5 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	168

CONTRACT NO. 61L37

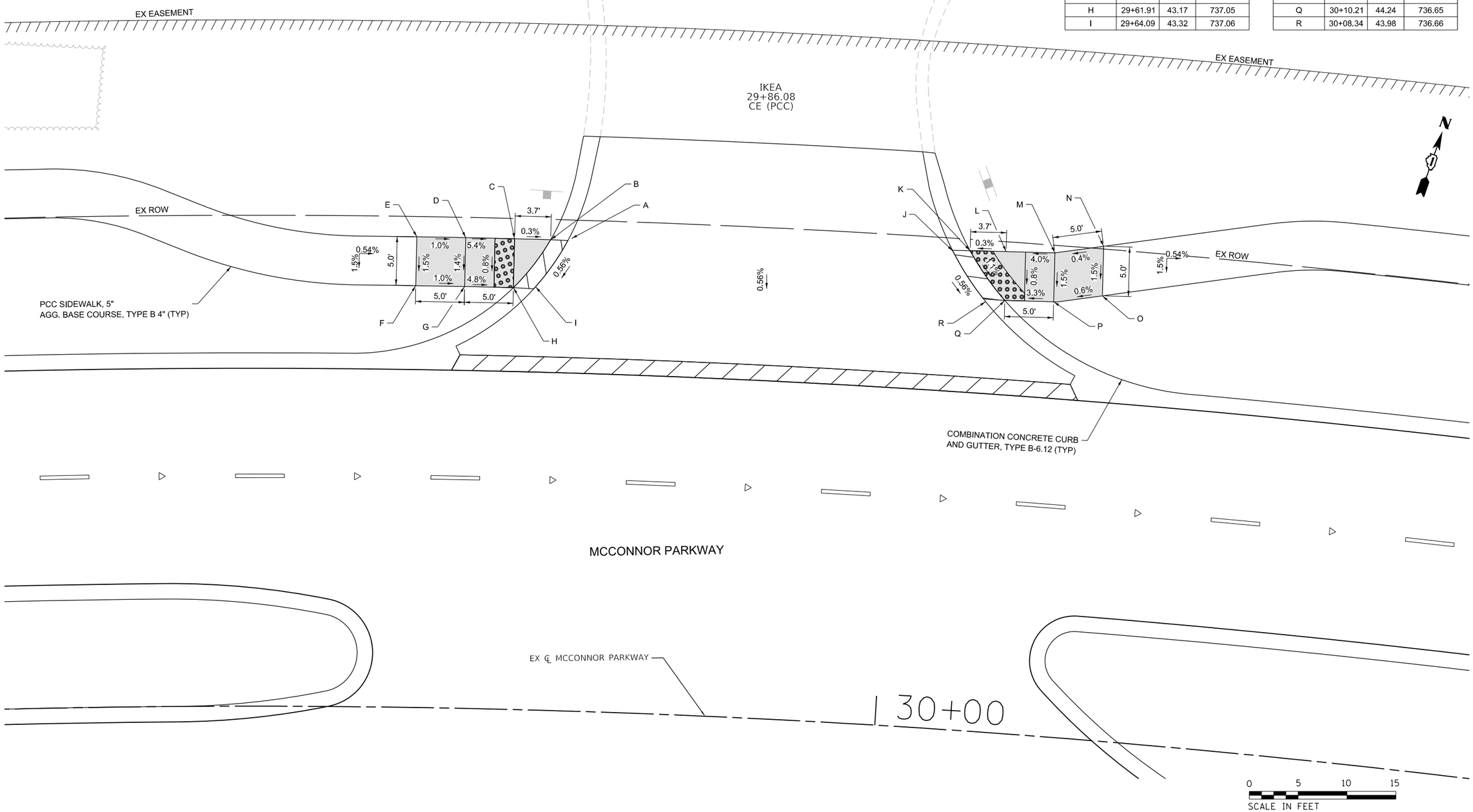
ILLINOIS FED. AID PROJECT

LEGEND

- DETECTABLE WARNINGS
- PCC SIDEWALK, 5" AGGREGATE BASE COURSE, TYPE B 4" (TYP)
- DEPRESSED CURB

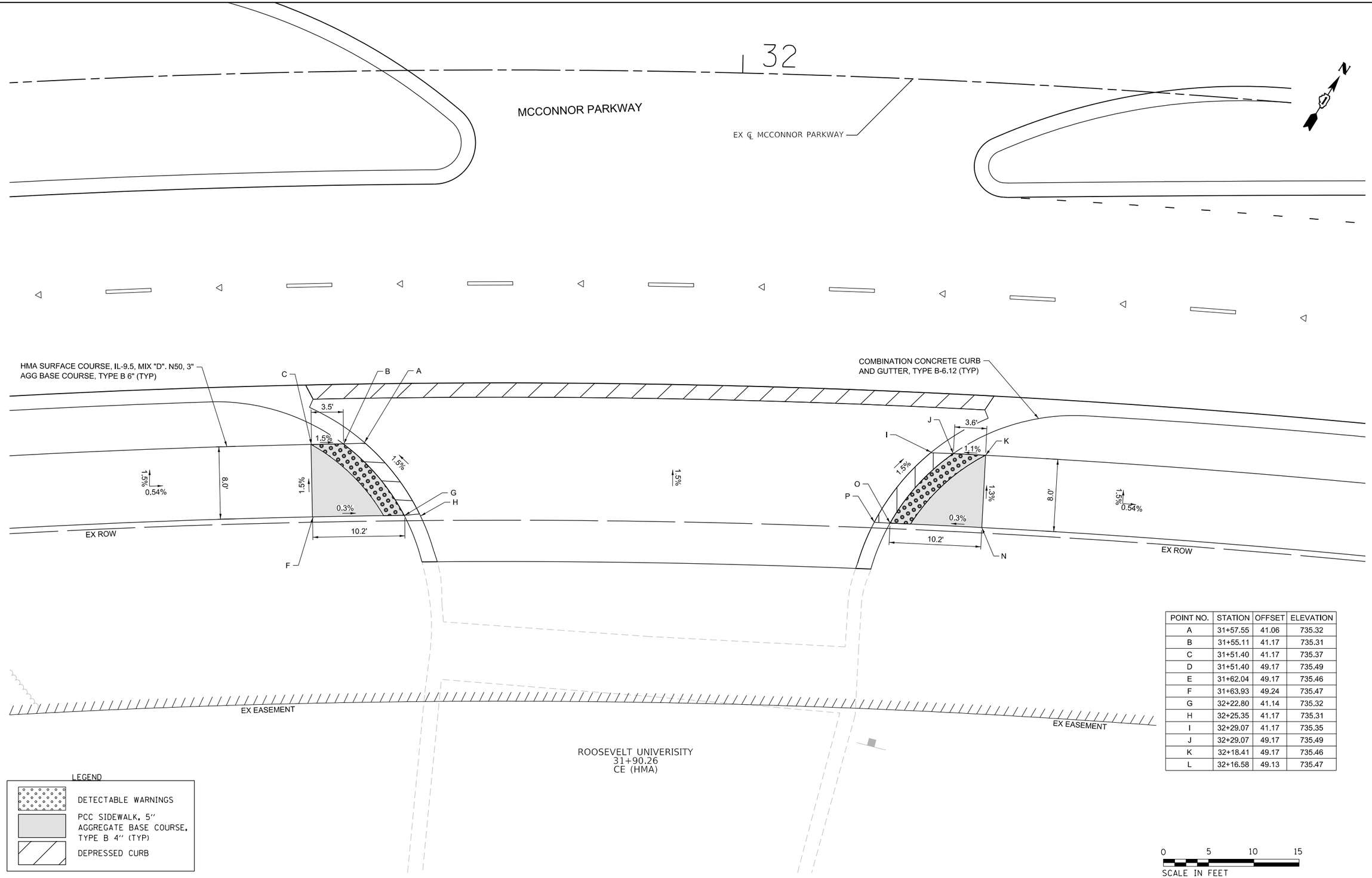
POINT NO.	STATION	OFFSET	ELEVATION
A	29+67.14	48.15	737.09
B	29+65.44	48.17	737.08
C	29+61.91	48.17	737.09
D	29+57.13	48.17	737.35
E	29+52.35	48.17	737.40
F	29+52.31	43.17	737.33
G	29+57.11	43.17	737.28
H	29+61.91	43.17	737.05
I	29+64.09	43.32	737.06

POINT NO.	STATION	OFFSET	ELEVATION
J	30+04.86	48.87	736.69
K	30+06.49	49.08	736.68
L	30+10.00	49.23	736.69
M	30+14.77	49.47	736.88
N	30+19.47	50.52	736.90
O	30+19.73	45.46	736.83
P	30+15.01	44.47	736.81
Q	30+10.21	44.24	736.65
R	30+08.34	43.98	736.66



BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY RECONSTRUCTION ADA RAMP DETAILS	F.A.U. RTE. 7008	SECTION 22-00142-01-PV
		DRAWN - JR	REVISED -			COUNTY COOK	TOTAL SHEETS 204 / SHEET NO. 169
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -			CONTRACT NO. 61L37	
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -		SCALE: 1" = 5' SHEET 6 OF 9 SHEETS STA. N/A TO STA. N/A	ILLINOIS FED. AID PROJECT	

MODEL: Default
FILE NAME: F:\861-078 WJS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_6.dgn



POINT NO.	STATION	OFFSET	ELEVATION
A	31+57.55	41.06	735.32
B	31+55.11	41.17	735.31
C	31+51.40	41.17	735.37
D	31+51.40	49.17	735.49
E	31+62.04	49.17	735.46
F	31+63.93	49.24	735.47
G	32+22.80	41.14	735.32
H	32+25.35	41.17	735.31
I	32+29.07	41.17	735.35
J	32+29.07	49.17	735.49
K	32+18.41	49.17	735.46
L	32+16.58	49.13	735.47

MODEL: Default
FILE NAME: F:\881-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_7.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

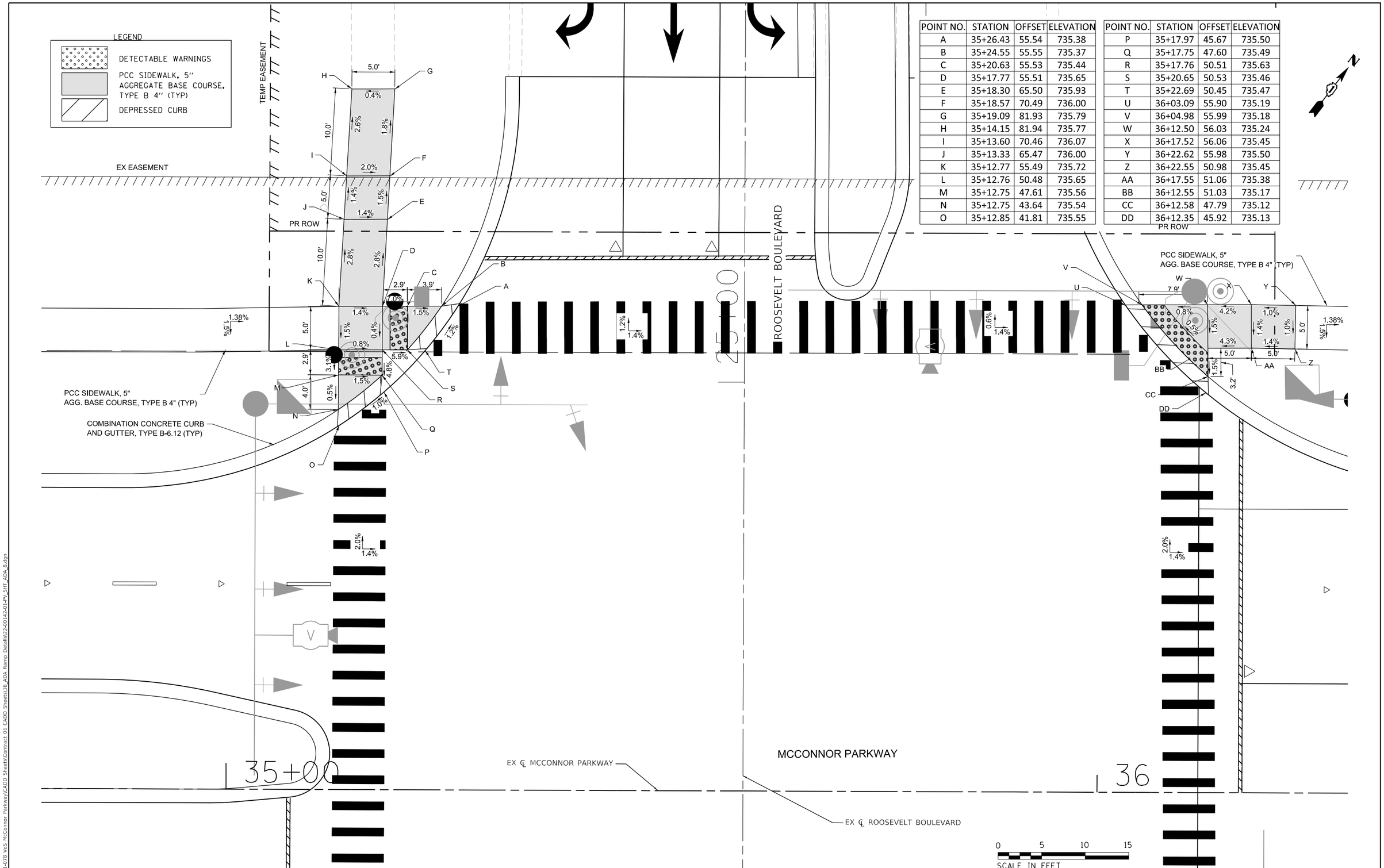
MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 7 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	170

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



POINT NO.	STATION	OFFSET	ELEVATION
A	35+26.43	55.54	735.38
B	35+24.55	55.55	735.37
C	35+20.63	55.53	735.44
D	35+17.77	55.51	735.65
E	35+18.30	65.50	735.93
F	35+18.57	70.49	736.00
G	35+19.09	81.93	735.79
H	35+14.15	81.94	735.77
I	35+13.60	70.46	736.07
J	35+13.33	65.47	736.00
K	35+12.77	55.49	735.72
L	35+12.76	50.48	735.65
M	35+12.75	47.61	735.56
N	35+12.75	43.64	735.54
O	35+12.85	41.81	735.55

POINT NO.	STATION	OFFSET	ELEVATION
P	35+17.97	45.67	735.50
Q	35+17.75	47.60	735.49
R	35+17.76	50.51	735.63
S	35+20.65	50.53	735.46
T	35+22.69	50.45	735.47
U	36+03.09	55.90	735.19
V	36+04.98	55.99	735.18
W	36+12.50	56.03	735.24
X	36+17.52	56.06	735.45
Y	36+22.62	55.98	735.50
Z	36+22.55	50.98	735.45
AA	36+17.55	51.06	735.38
BB	36+12.55	51.03	735.17
CC	36+12.58	47.79	735.12
DD	36+12.35	45.92	735.13

MODEL: Default
FILE NAME: F:\861-078 VOS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_8.dgn

BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

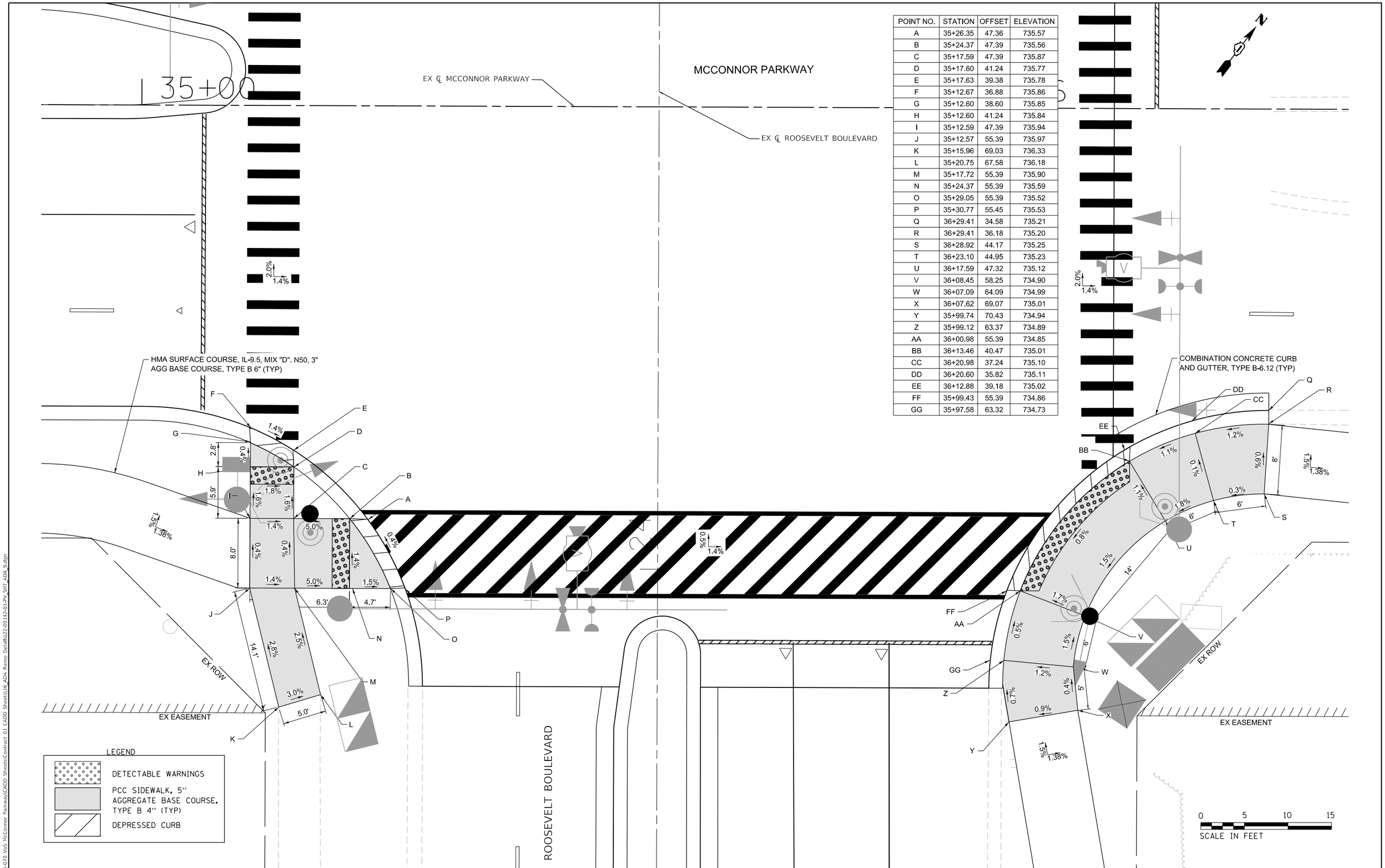
MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 8 OF 9 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	171

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



POINT NO.	STATION	OFFSET	ELEVATION
A	35+26.35	47.36	735.57
B	35+24.37	47.39	735.56
C	35+17.59	47.39	735.87
D	35+17.60	41.24	735.77
E	35+17.63	39.38	735.78
F	35+12.67	36.88	735.86
G	35+12.60	38.60	735.85
H	35+12.60	41.24	735.84
I	35+12.59	47.39	735.94
J	35+12.57	55.39	735.97
K	35+15.96	69.03	736.33
L	35+20.75	67.58	736.18
M	35+17.72	55.39	735.90
N	35+24.37	55.39	735.59
O	35+29.05	55.39	735.52
P	35+30.77	55.45	735.53
Q	36+29.41	34.58	735.21
R	36+29.41	36.18	735.20
S	36+28.92	44.17	735.25
T	36+23.10	44.95	735.23
U	36+17.59	47.32	735.12
V	36+08.45	58.25	734.90
W	36+07.09	64.09	734.99
X	36+07.62	69.07	735.01
Y	35+99.74	70.43	734.94
Z	35+99.12	63.37	734.89
AA	36+00.98	55.39	734.85
BB	36+13.46	40.47	735.01
CC	36+20.98	37.24	735.10
DD	36+20.60	35.82	735.11
EE	36+12.88	39.18	735.02
FF	35+99.43	55.39	734.86
GG	35+97.58	63.32	734.73

MODEL: Default
FILE NAME: F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\16 ADA Ramp Details\22-00142-01-PV_SHT_ADA_9.dgn

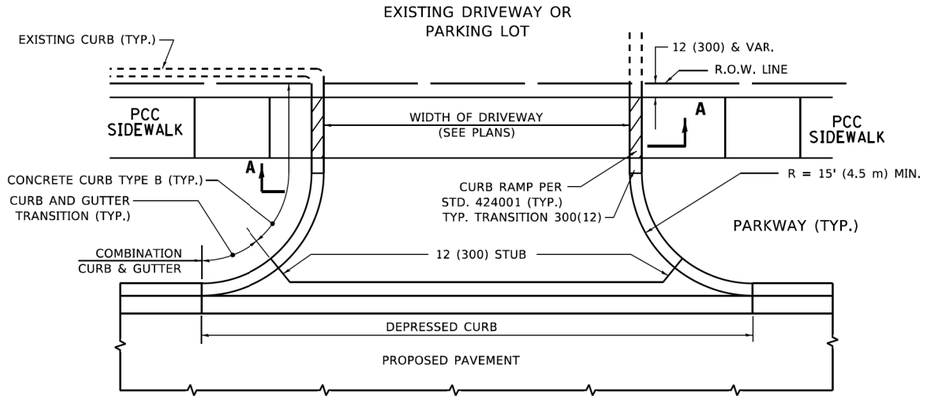
BLA, Inc.	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - GJE	REVISED -
	PLOT DATE = 6/4/2025	DATE - 02/18/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

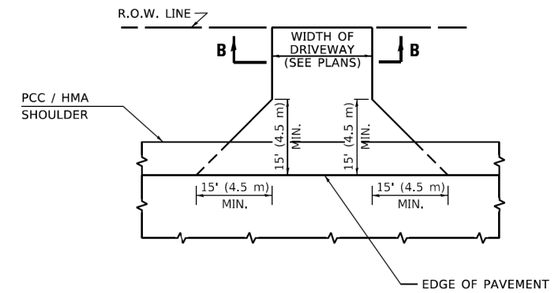
MCCONNOR PARKWAY RECONSTRUCTION
ADA RAMP DETAILS

SCALE: 1" = 5' | SHEET 9 OF 9 SHEETS | STA. N/A TO STA. N/A

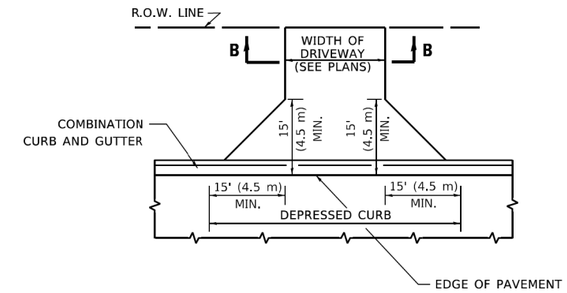
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	172
		CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



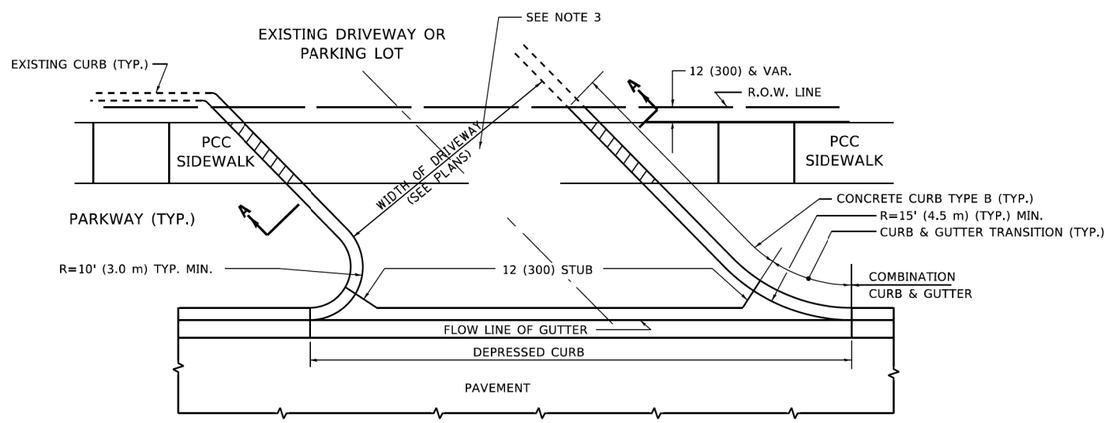
WITH CONCRETE CURB, TYPE B



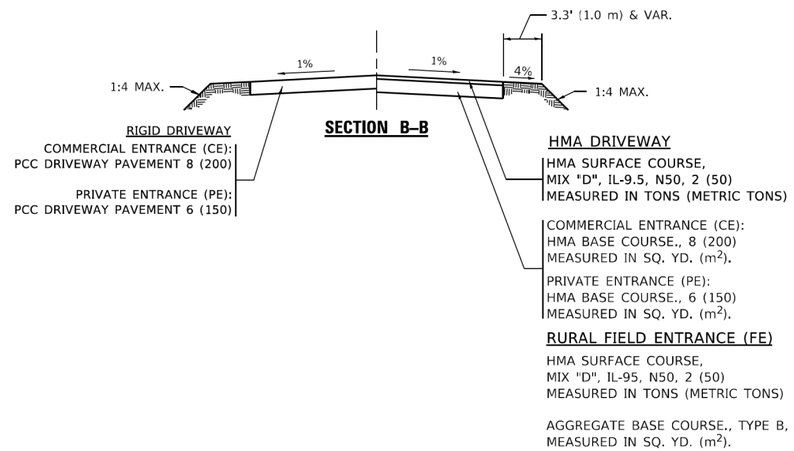
ADJACENT TO PCC /HMA SHOULDER

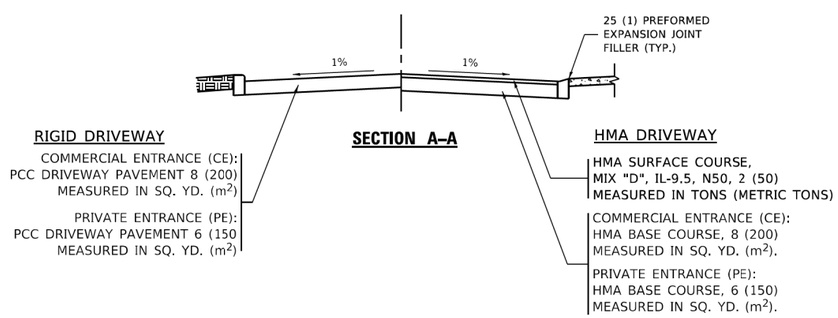


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. 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.

2. 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.

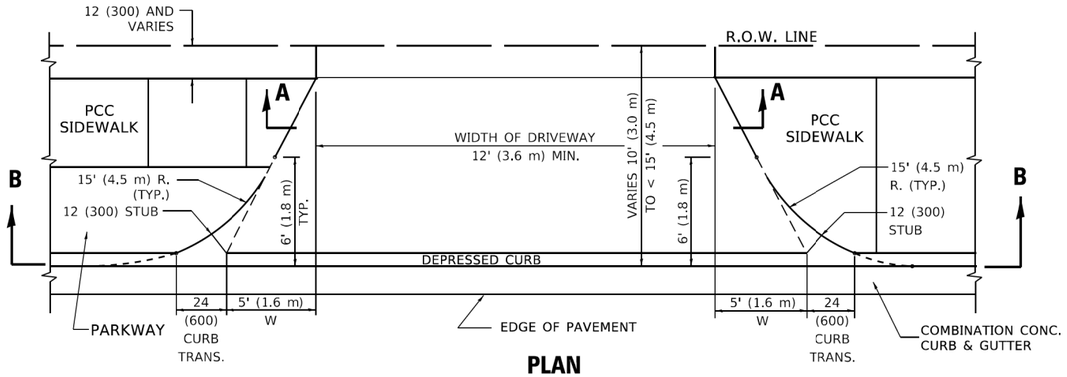
MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\bd01.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	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	

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)

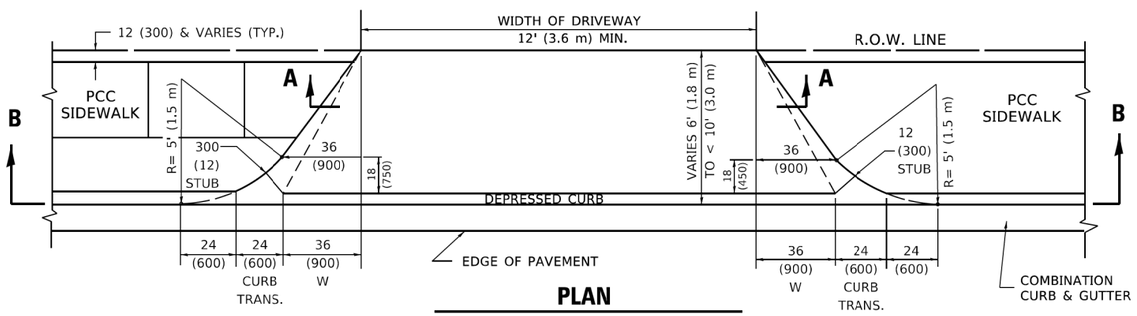
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	173
BD400–01 (BD–01)		CONTRACT NO. 61L37		
		ILLINOIS	FED. AID PROJECT	



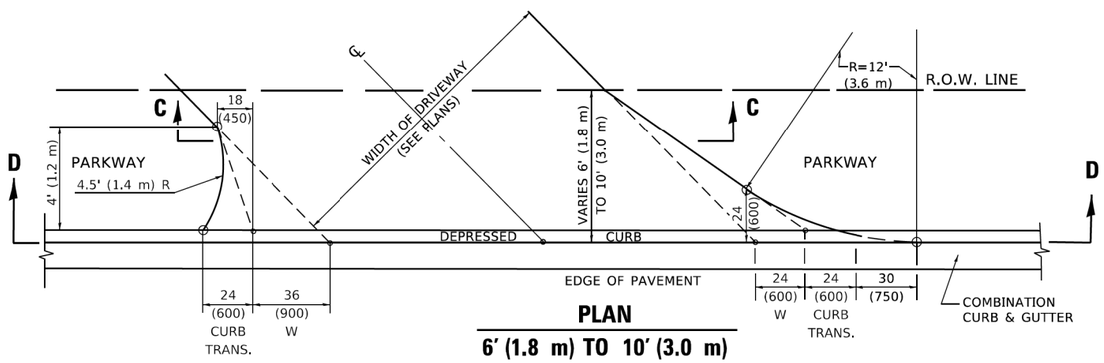
PLAN

10' (3.0 m) TO < 15' (4.5 m)



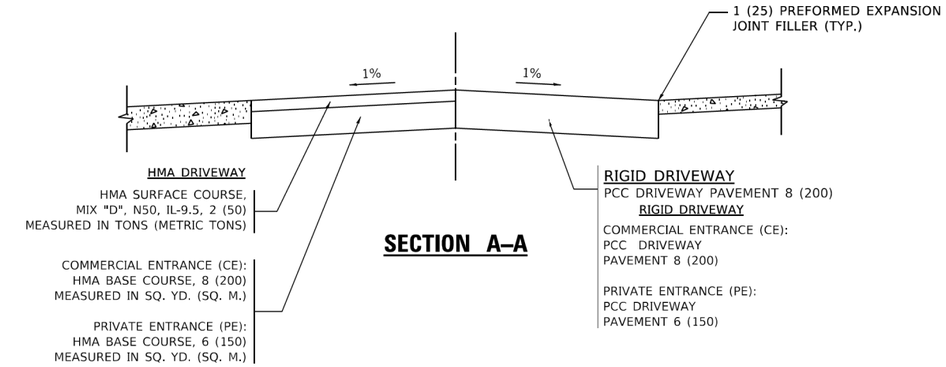
PLAN

6' (1.8 m) TO < 10' (3.0 m)

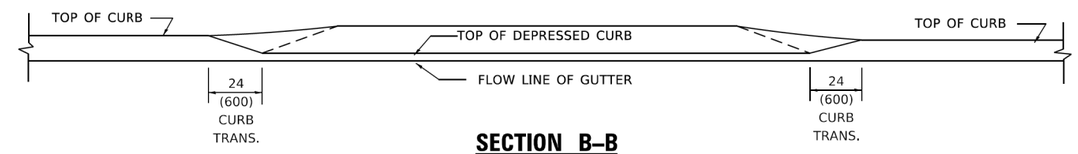


PLAN

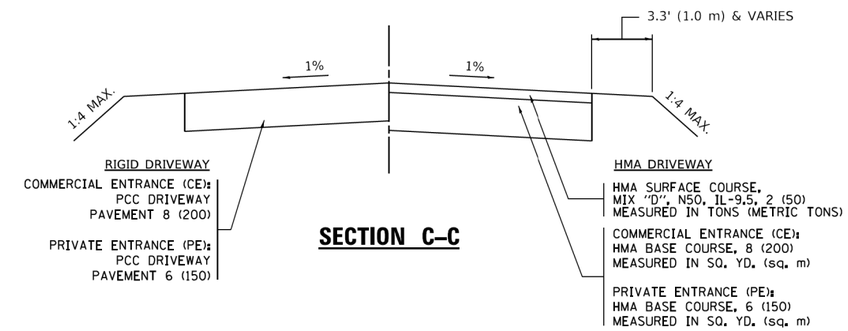
6' (1.8 m) TO 10' (3.0 m)



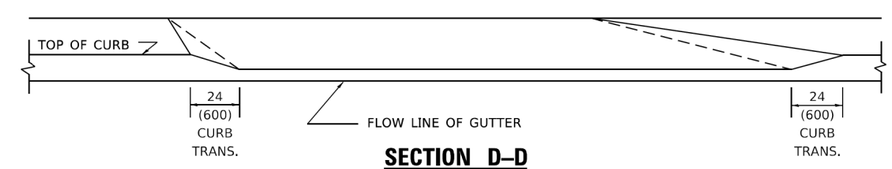
SECTION A–A



SECTION B–B



SECTION C–C



SECTION D–D

GENERAL NOTES

1. 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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

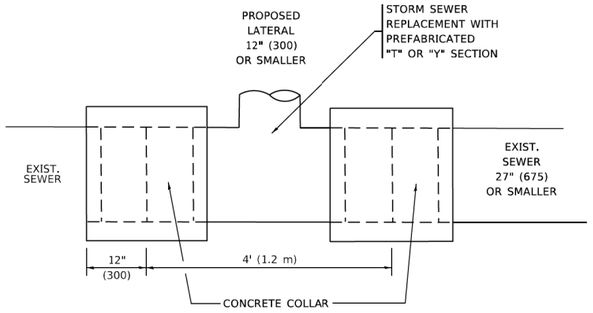
USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

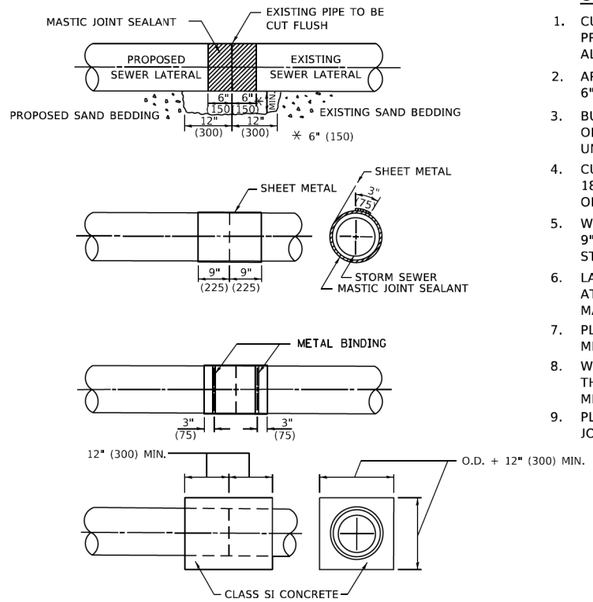
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	174
	BD400–02 (BD–02)	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

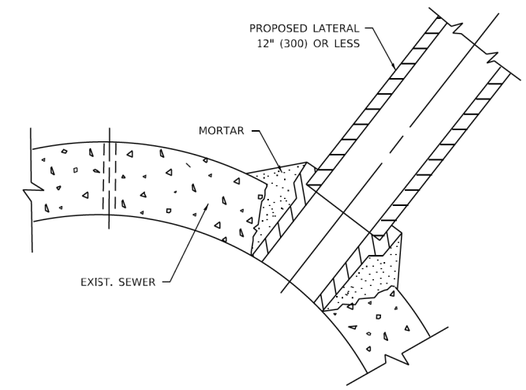


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER	
	DRAWN -	REVISED - R. SHAH 10-25-94			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. SHAH 06-12-96			
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

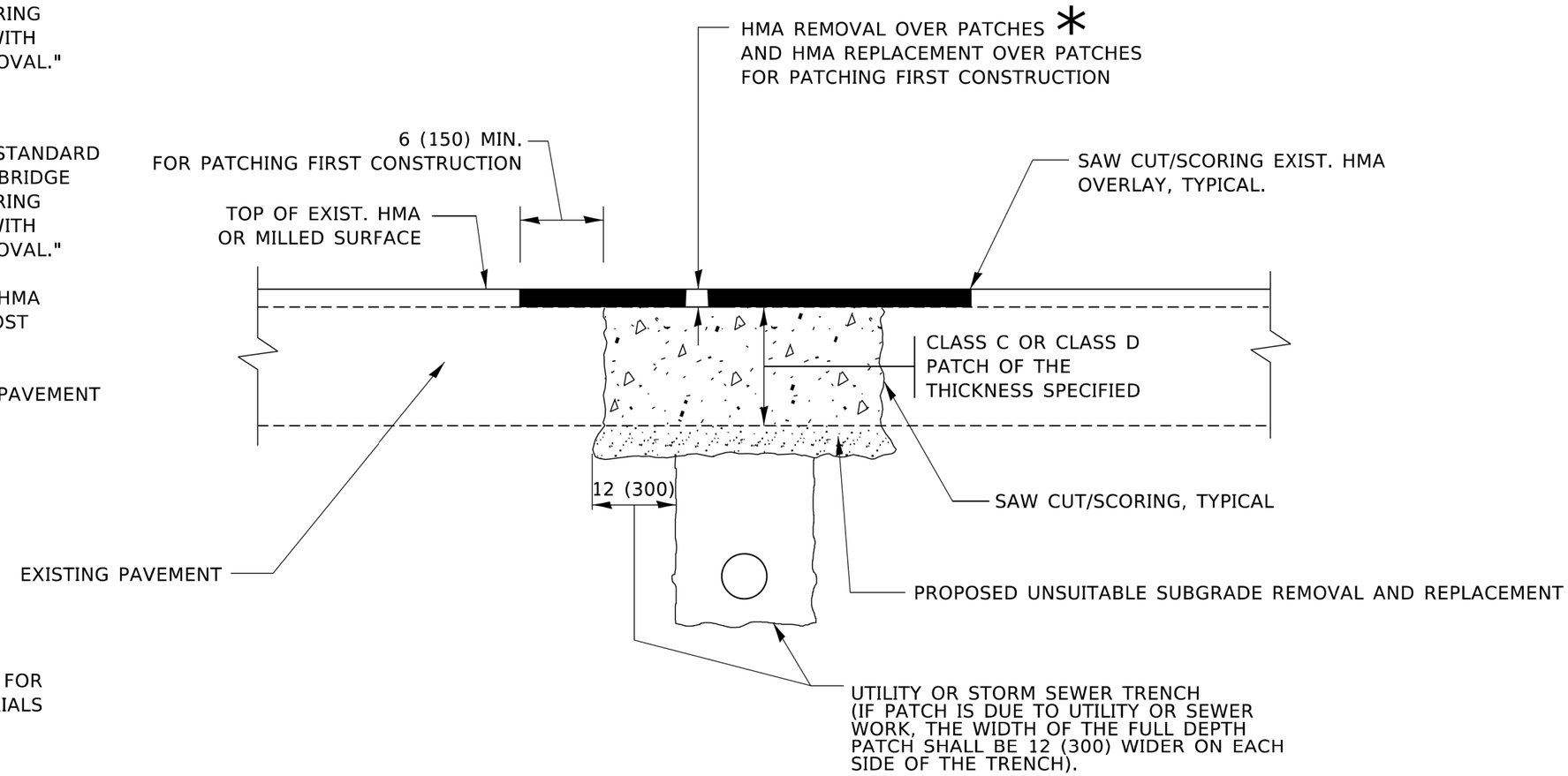
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	175
	BD500-01 (BD-07)	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

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

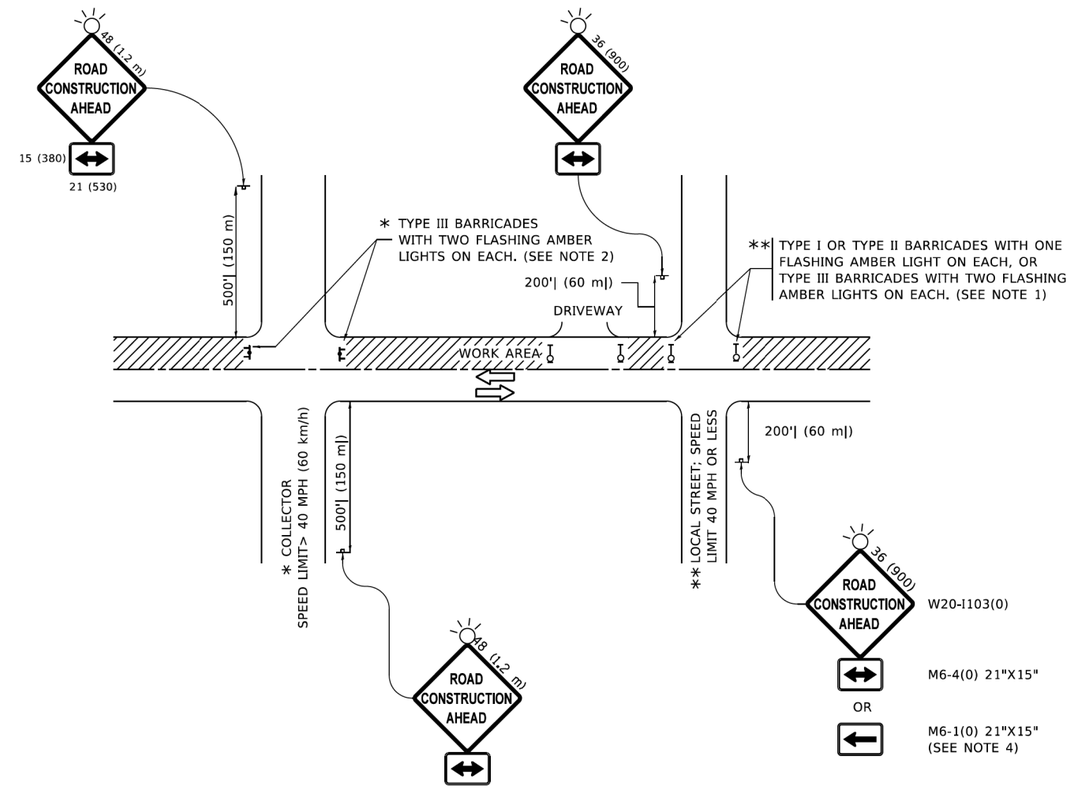
SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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.



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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY 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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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.

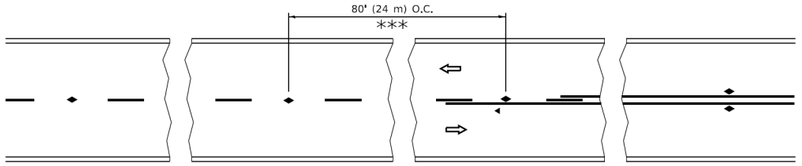
MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\5\022x34\CADData\CADsheets\tc10.dgn

USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

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

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A TO STA. N/A

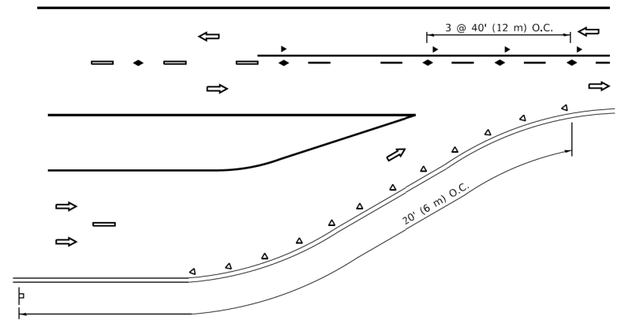
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	177
	TC-10	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



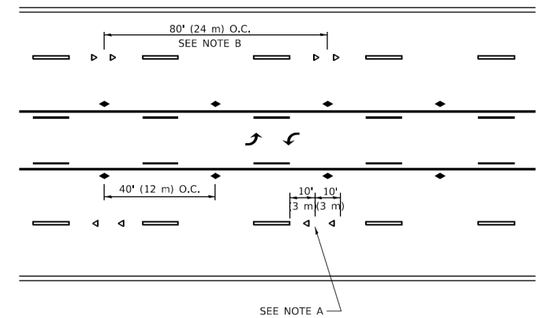
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

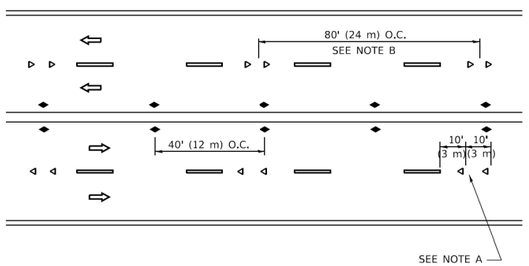
SEE FIGURE 3B-14 MUTCD



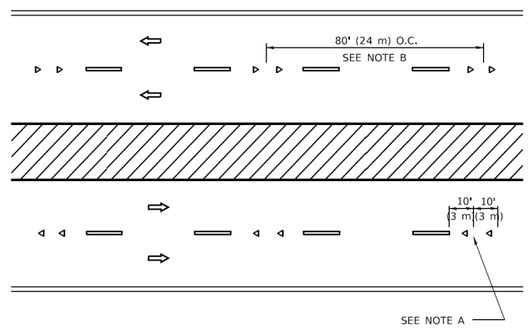
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

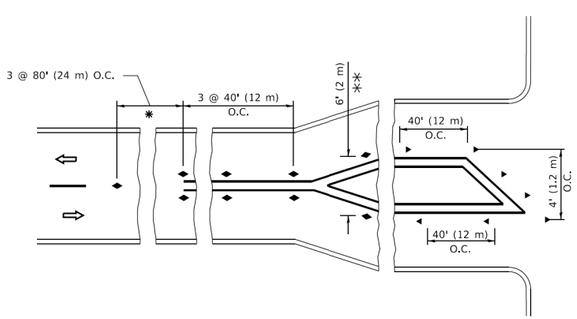
LANE MARKER NOTES

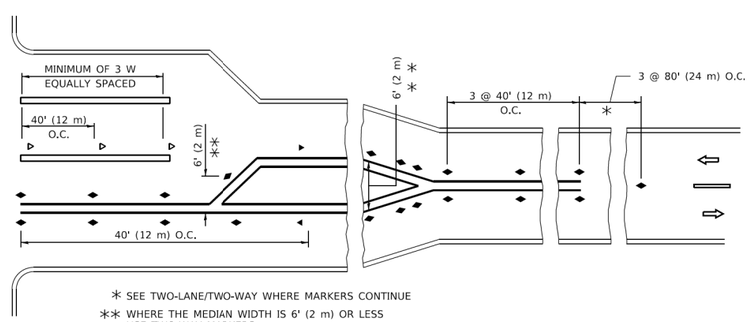
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\tc11.dgn

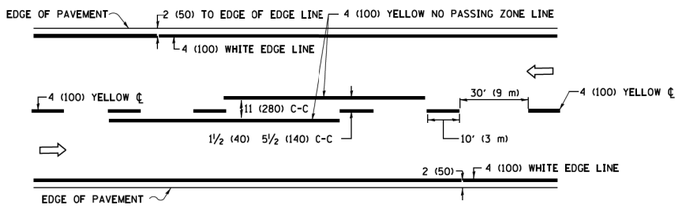
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13	

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

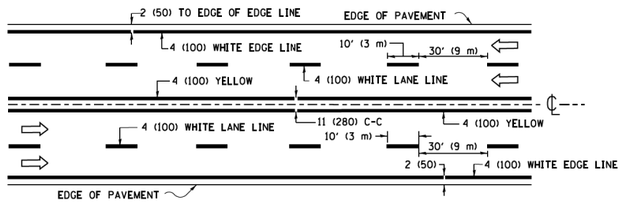
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	178
	TC-11	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

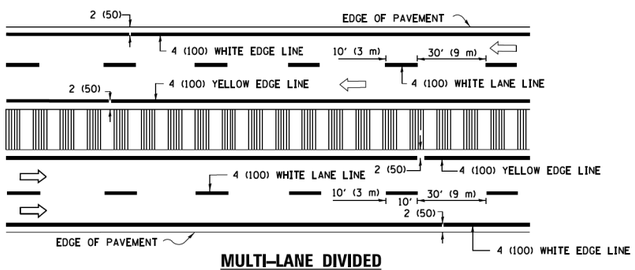
tc11.dgn 3/4/2019 10:29:08 AM User=footemj



2–LANE ROADWAY



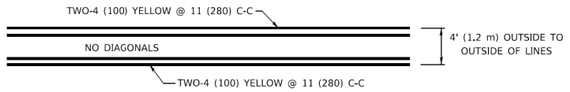
MULTI–LANE UNDIVIDED



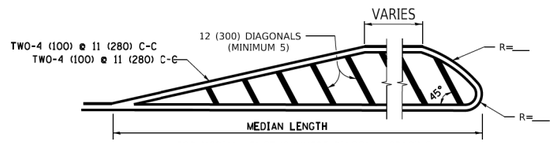
MULTI–LANE DIVIDED

WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



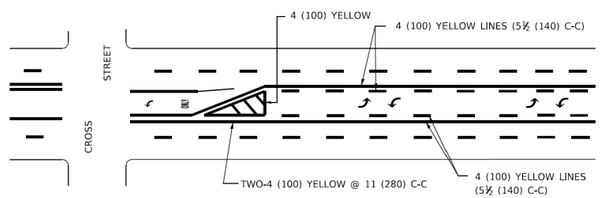
4' (1.2 m) WIDE MEDIANS ONLY



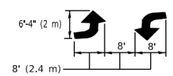
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

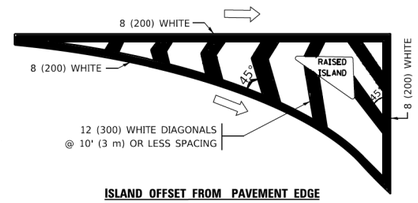


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

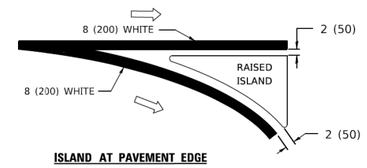


MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

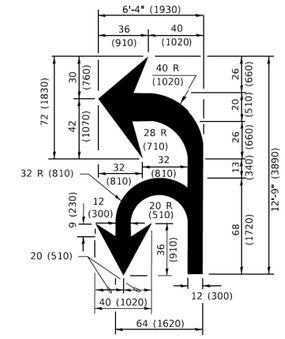


ISLAND OFFSET FROM PAVEMENT EDGE

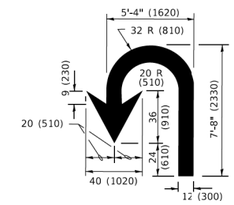


ISLAND AT PAVEMENT EDGE

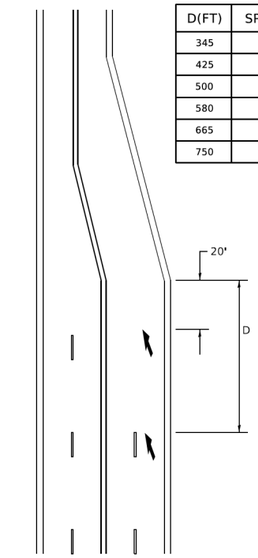
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



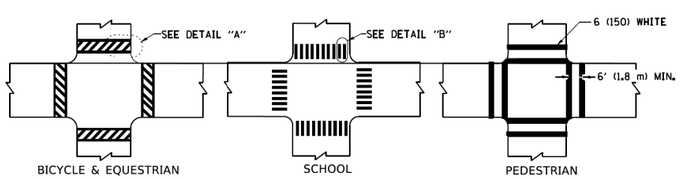
U–TURN

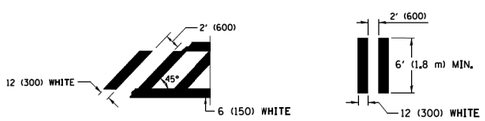


D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

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



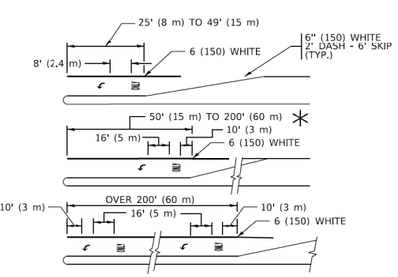


DETAIL "A"

DETAIL "B"

TYPICAL CROSSWALK MARKING

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



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

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	5½ (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; 5½ (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) 12 (300) @ 45° 12 (300) @ 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 30MPH (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" IS 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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\tc13.dgn

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	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. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	179
	TC-13	CONTRACT NO. 61L37		
		ILLINOIS	FED. AID PROJECT	

tc13.dgn 3/4/2019 10:34:37 AM User=footemj

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

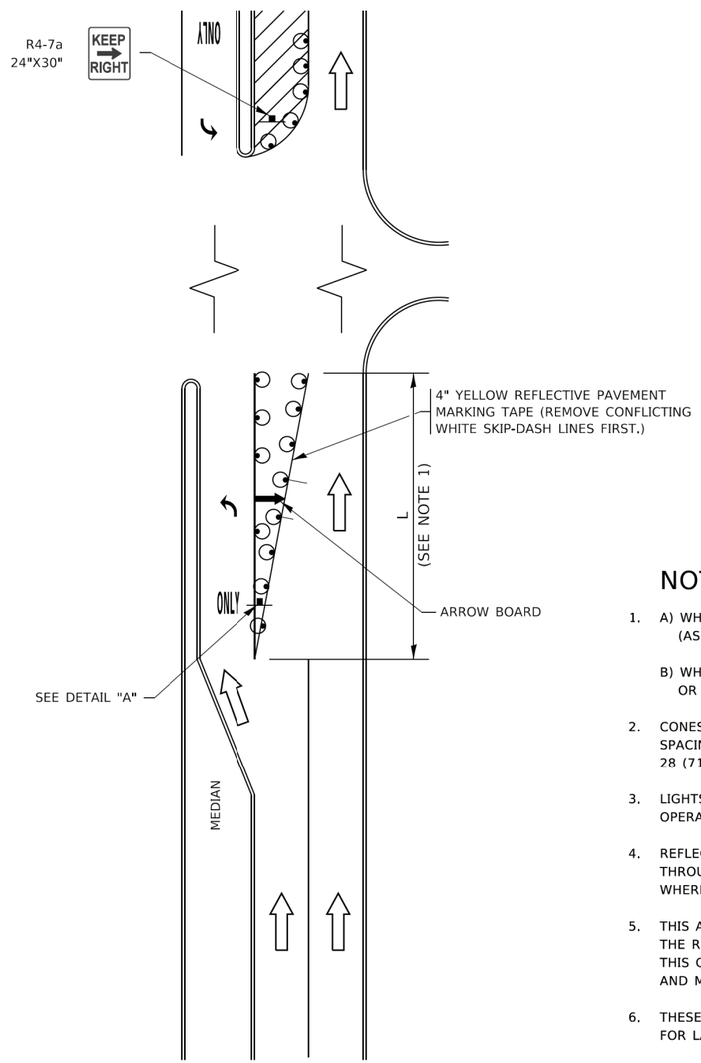


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. 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.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

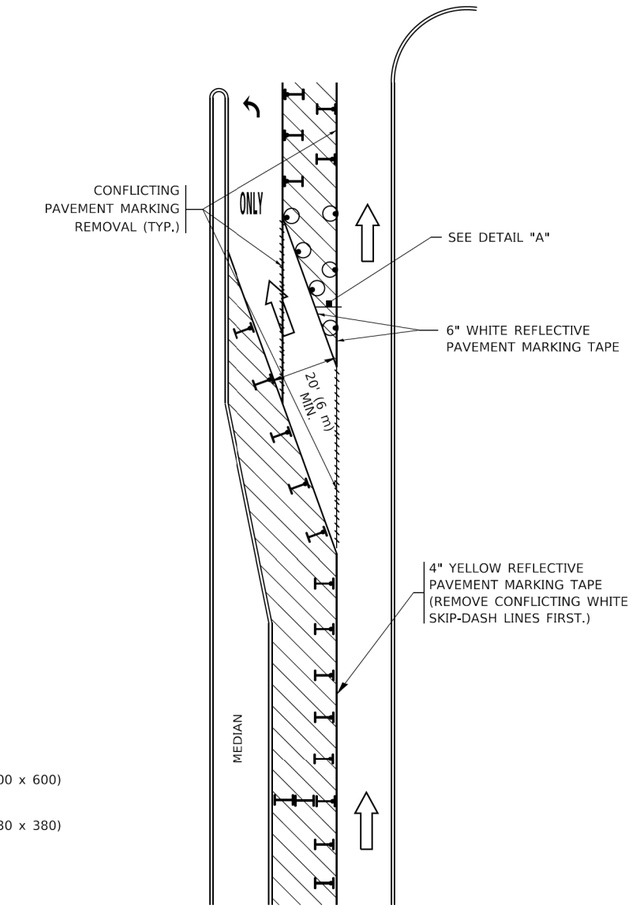
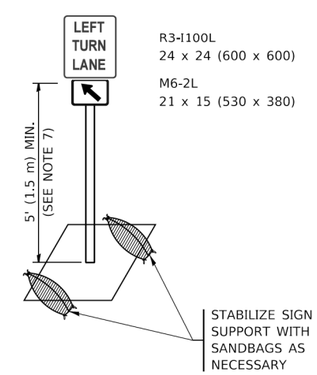


FIGURE 2



DETAIL A

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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\tc14.dgn

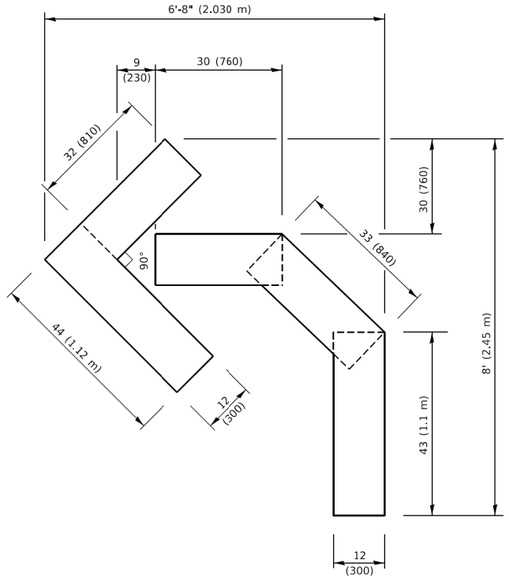
USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 50.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -	

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

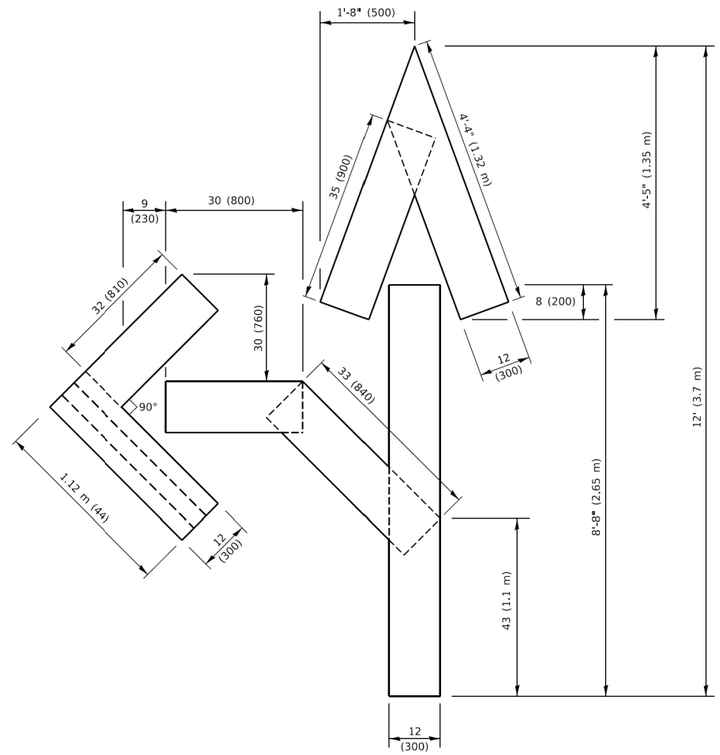
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	180
	TC-14	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		

9:54:dun 3/4/2019 10:36:01 AM User=footemj



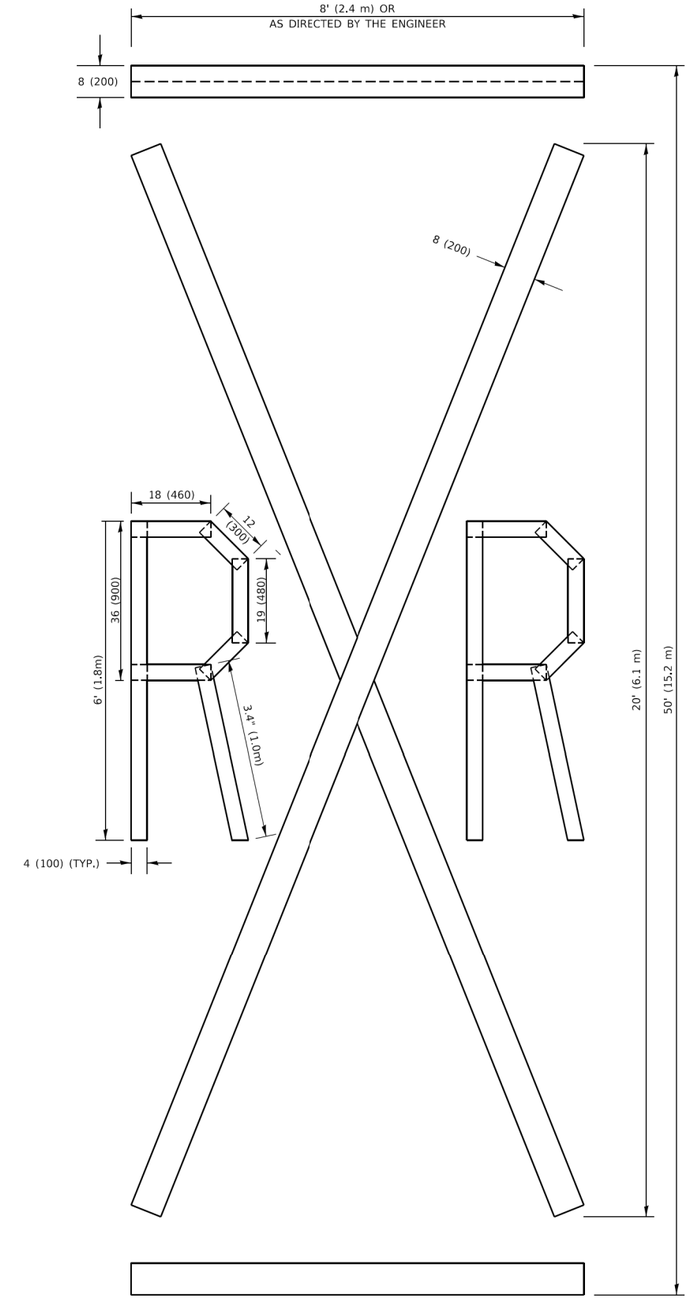
QUANTITY

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



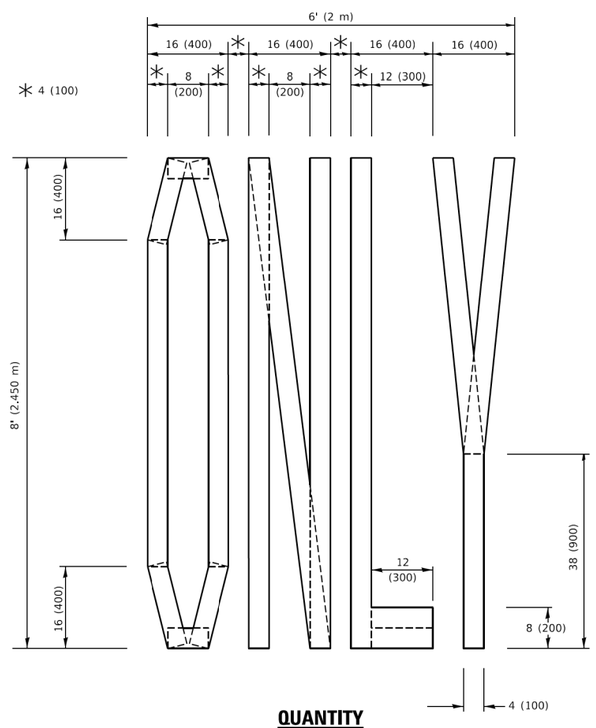
QUANTITY

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



QUANTITY

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

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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\tc16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

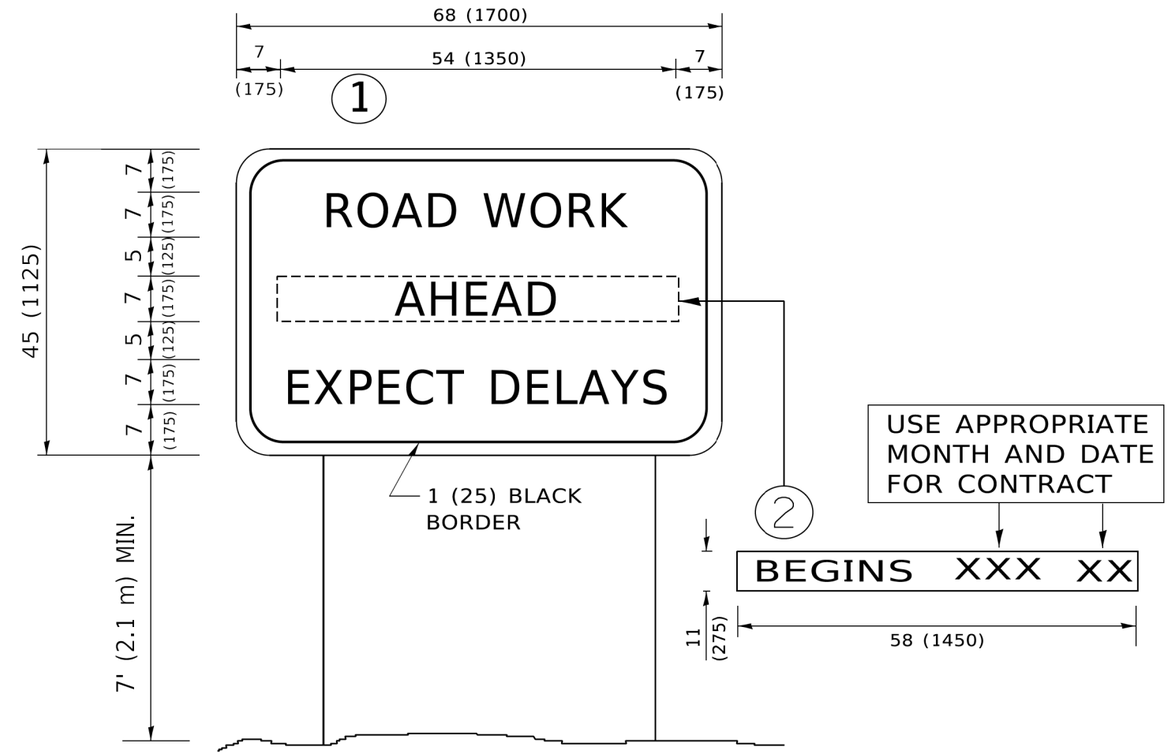
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	181
	TC-16	CONTRACT NO. 61L37		
	ILLINOIS	FED. AID PROJECT		

tc16.dgn 3/4/2019 10:37:35 AM User=footemj



NOTES:

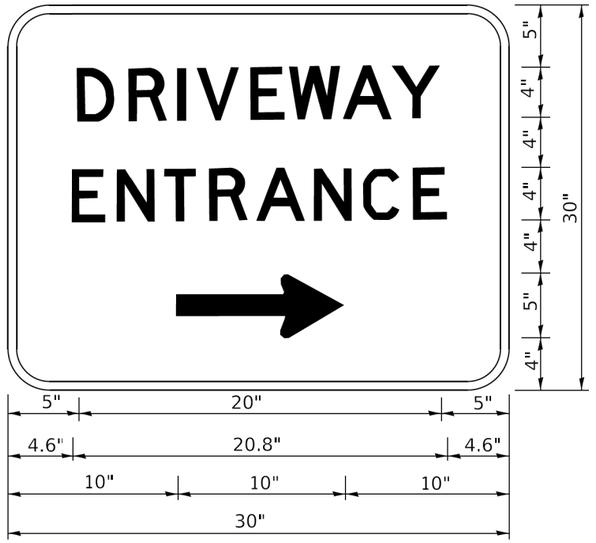
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
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.

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\tc22.dgn

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN
	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		SCALE: NONE SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

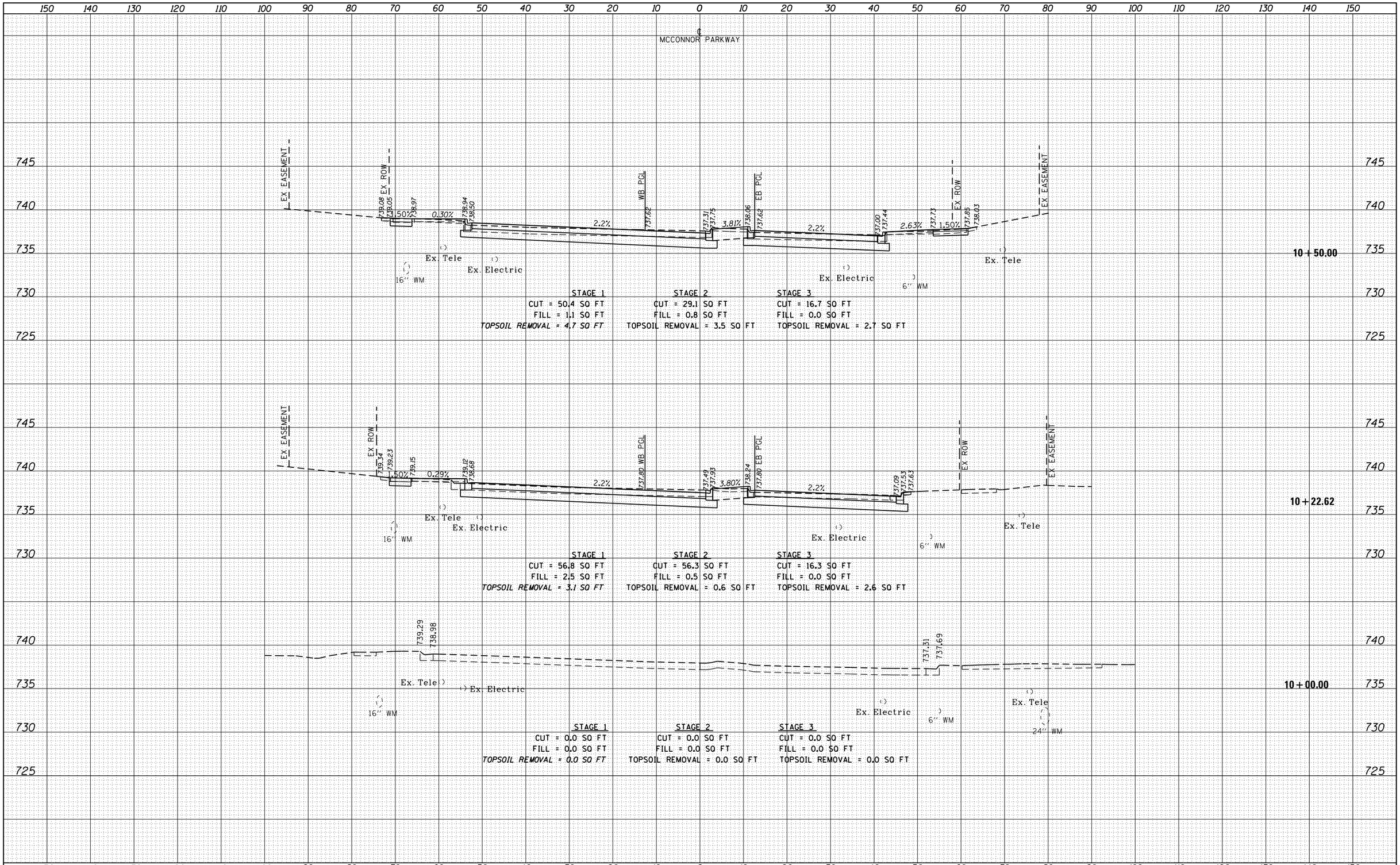
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	182
	TC-22	CONTRACT NO. 61L37		
		ILLINOIS FED. AID PROJECT		



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".



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn

Default

USER NAME = jrodriguez
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 6/4/2025

DESIGNED - JR
DRAWN - JR
CHECKED - GJE
DATE - 6/4/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

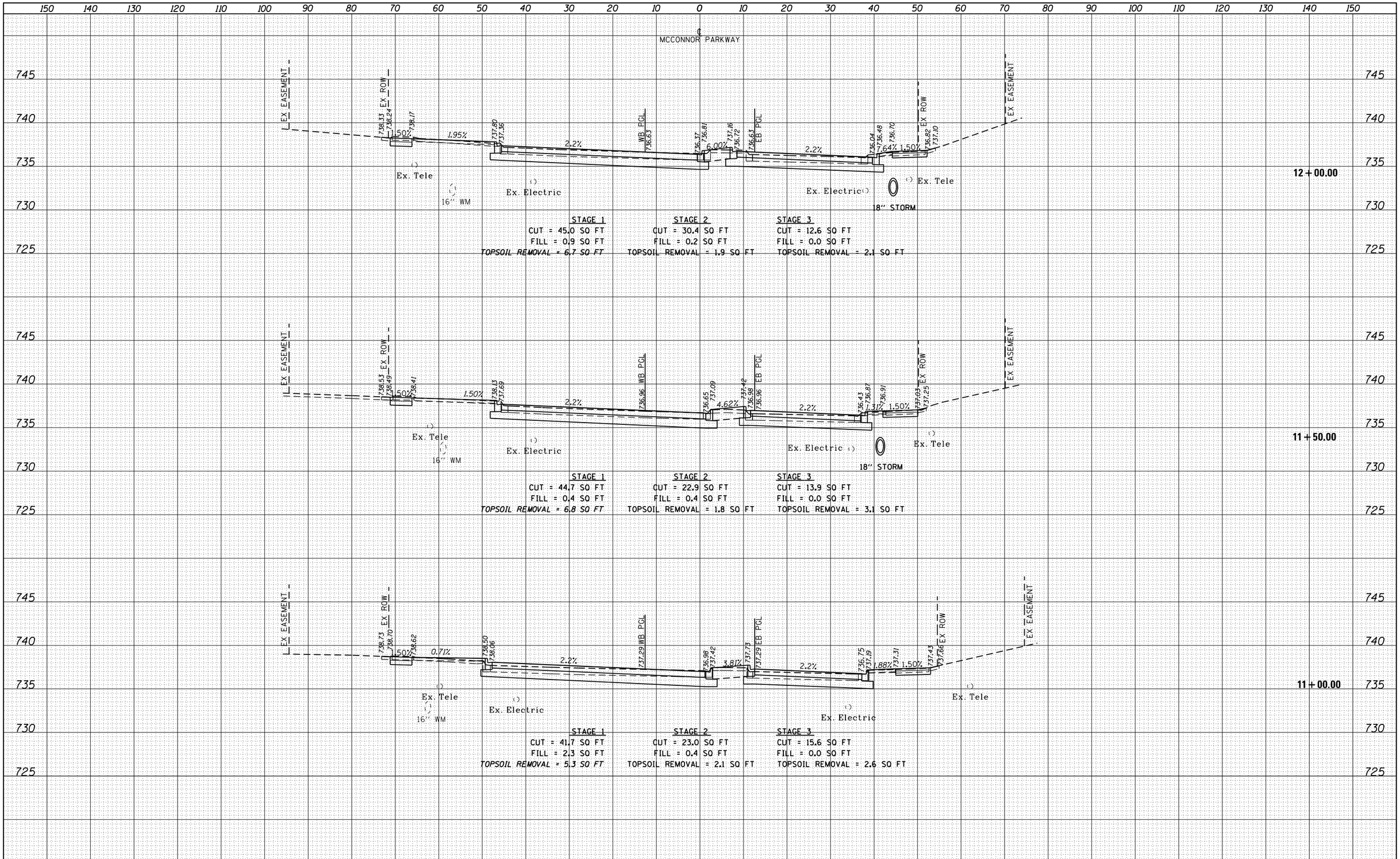
1"=5' VERT
SCALE: 1"=10' HORZ

SHEET 1 OF 21 SHEETS STA. 10+00.00 TO STA. 10+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	184

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

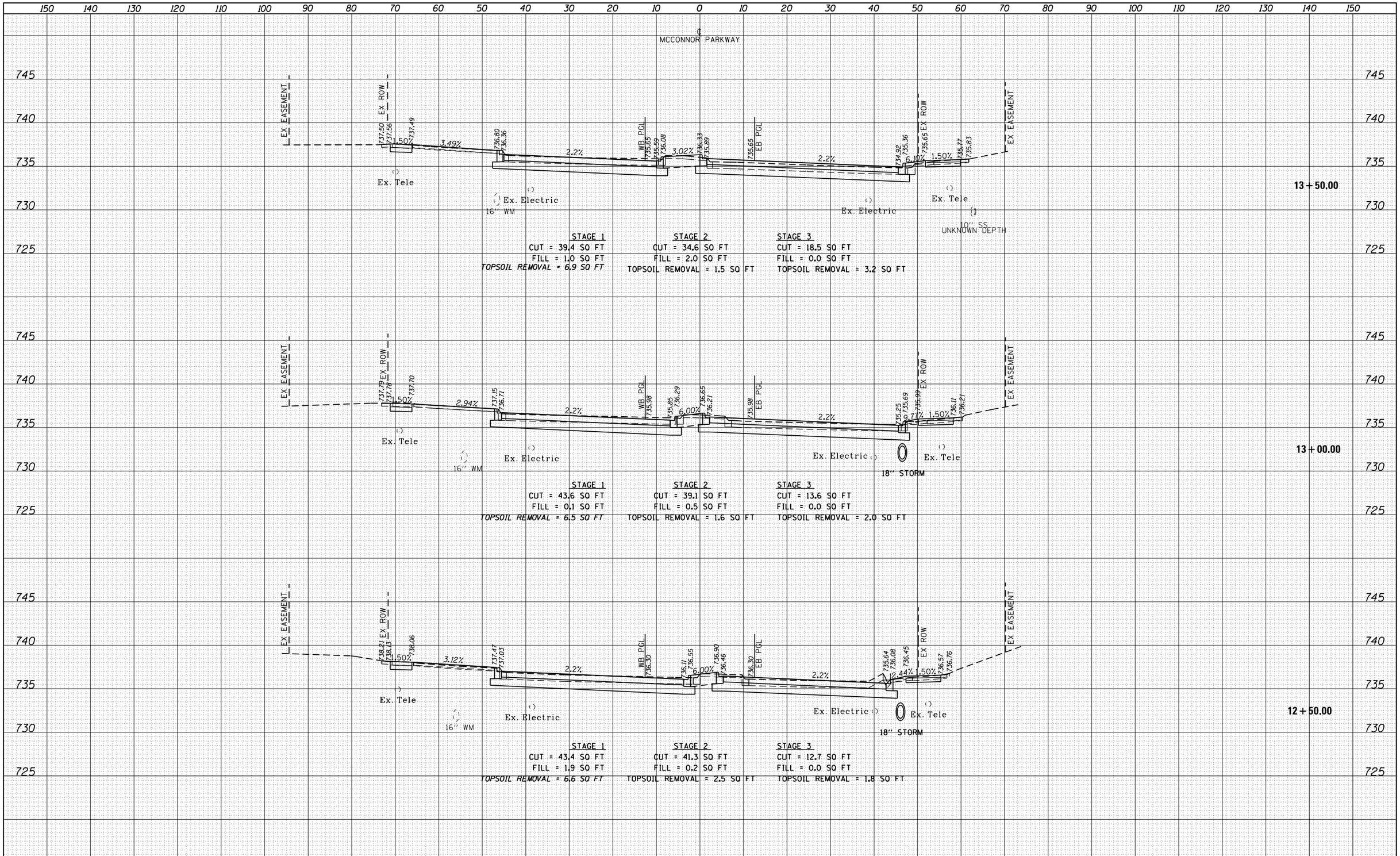
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 2 OF 21 SHEETS | STA. 11+00.00 TO STA. 12+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	185

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

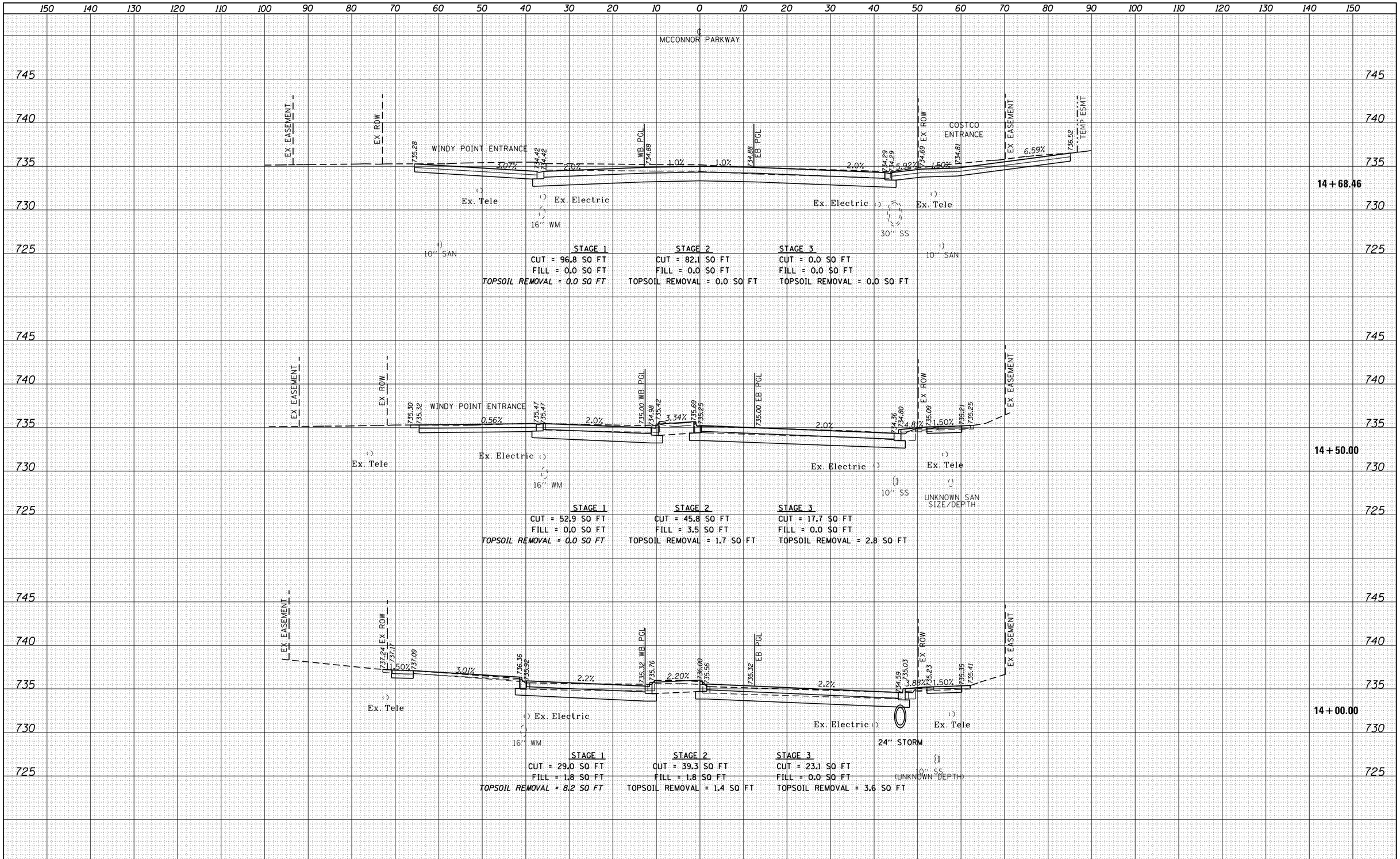
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 3 OF 21 SHEETS | STA. 12+50.00 TO STA. 13+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	186

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

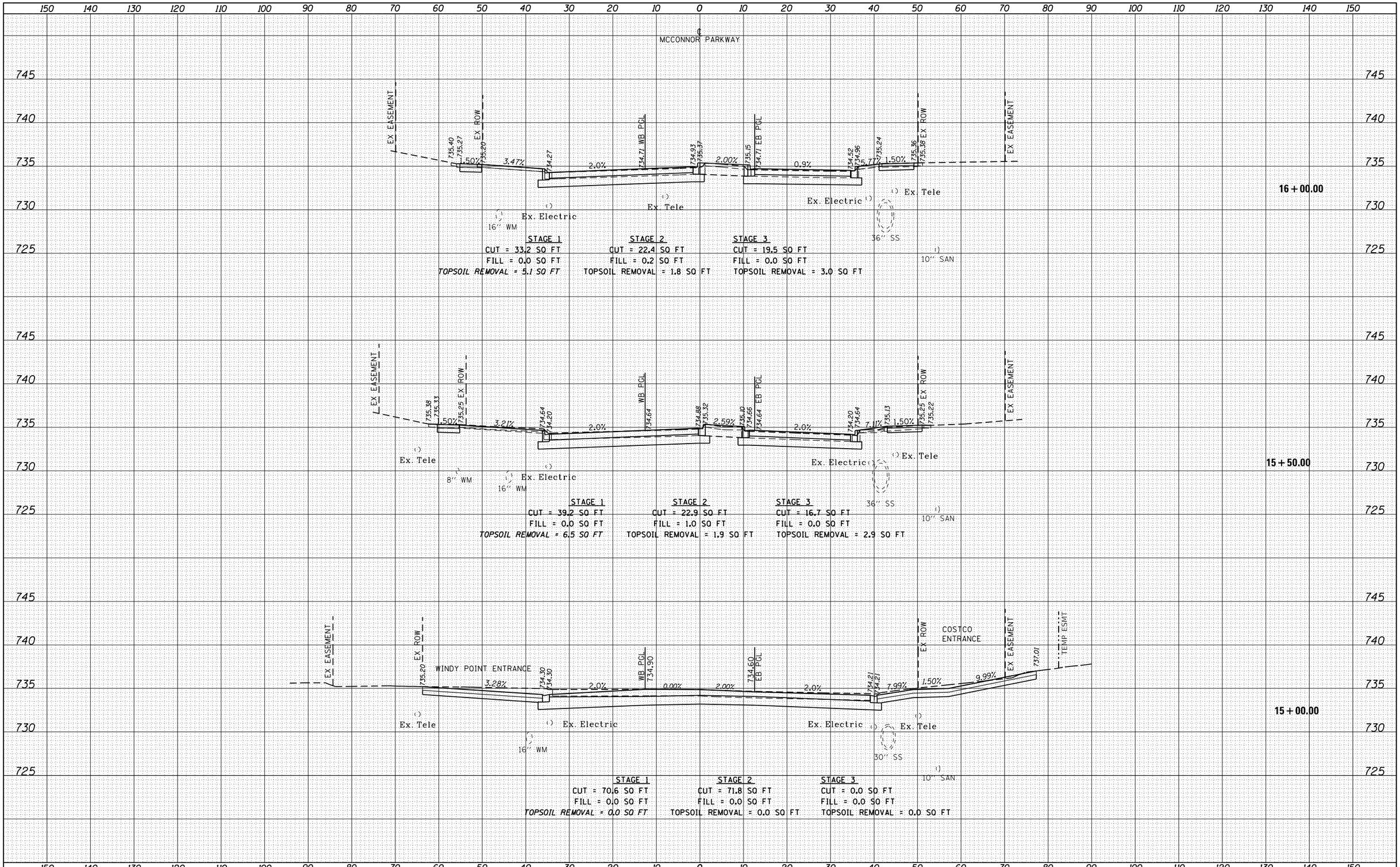
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 4 OF 21 SHEETS | STA. 14+00.00 TO STA. 14+68.46

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	187

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn
Default

USER NAME = jrodriguez
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 6/4/2025

DESIGNED - JR
DRAWN - JR
CHECKED - GJE
DATE - 6/4/2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

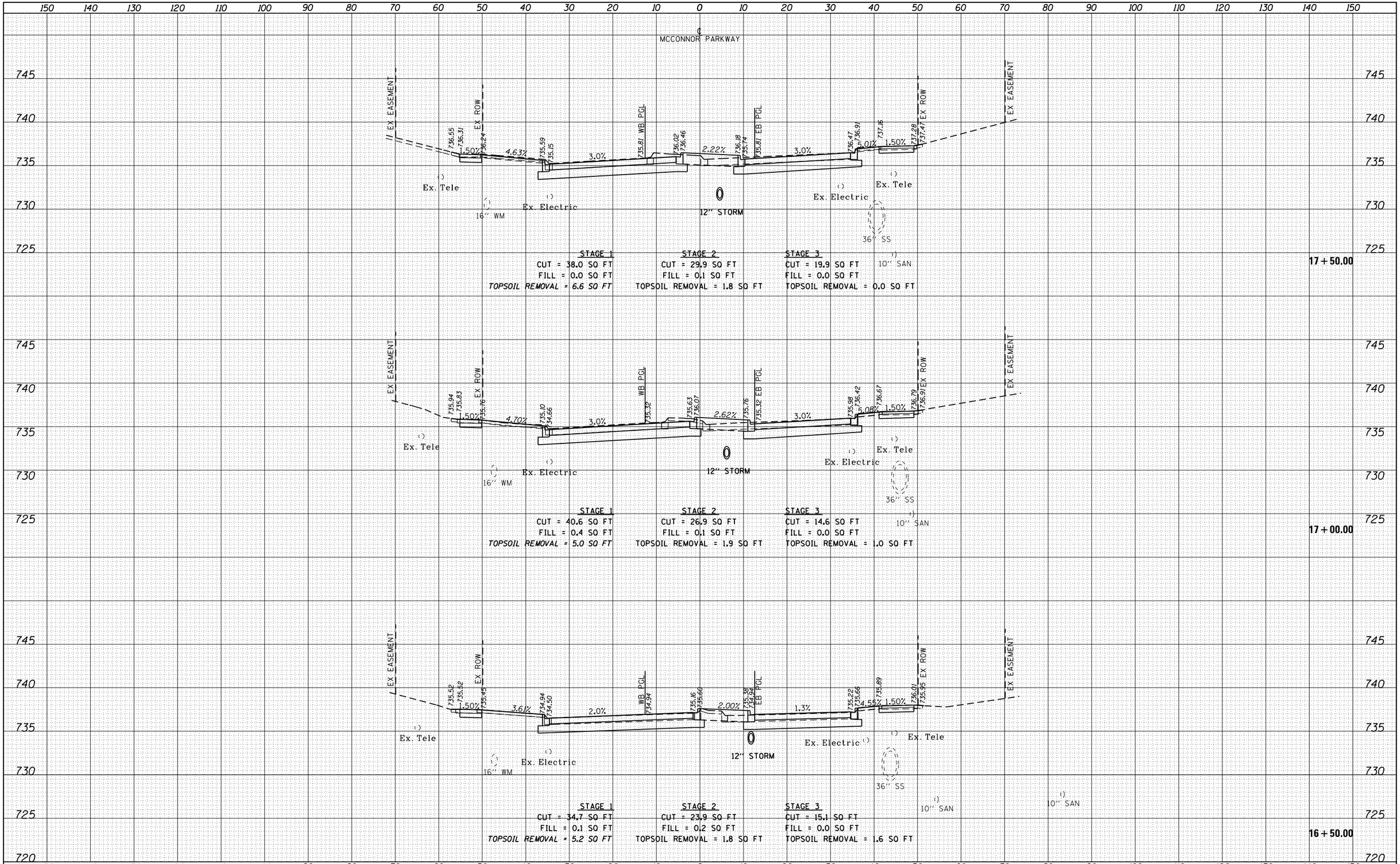
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 5 OF 21 SHEETS | STA. 15+00.00 TO STA. 16+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	188

CONTRACT NO. 61L37

ILLINOIS | FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

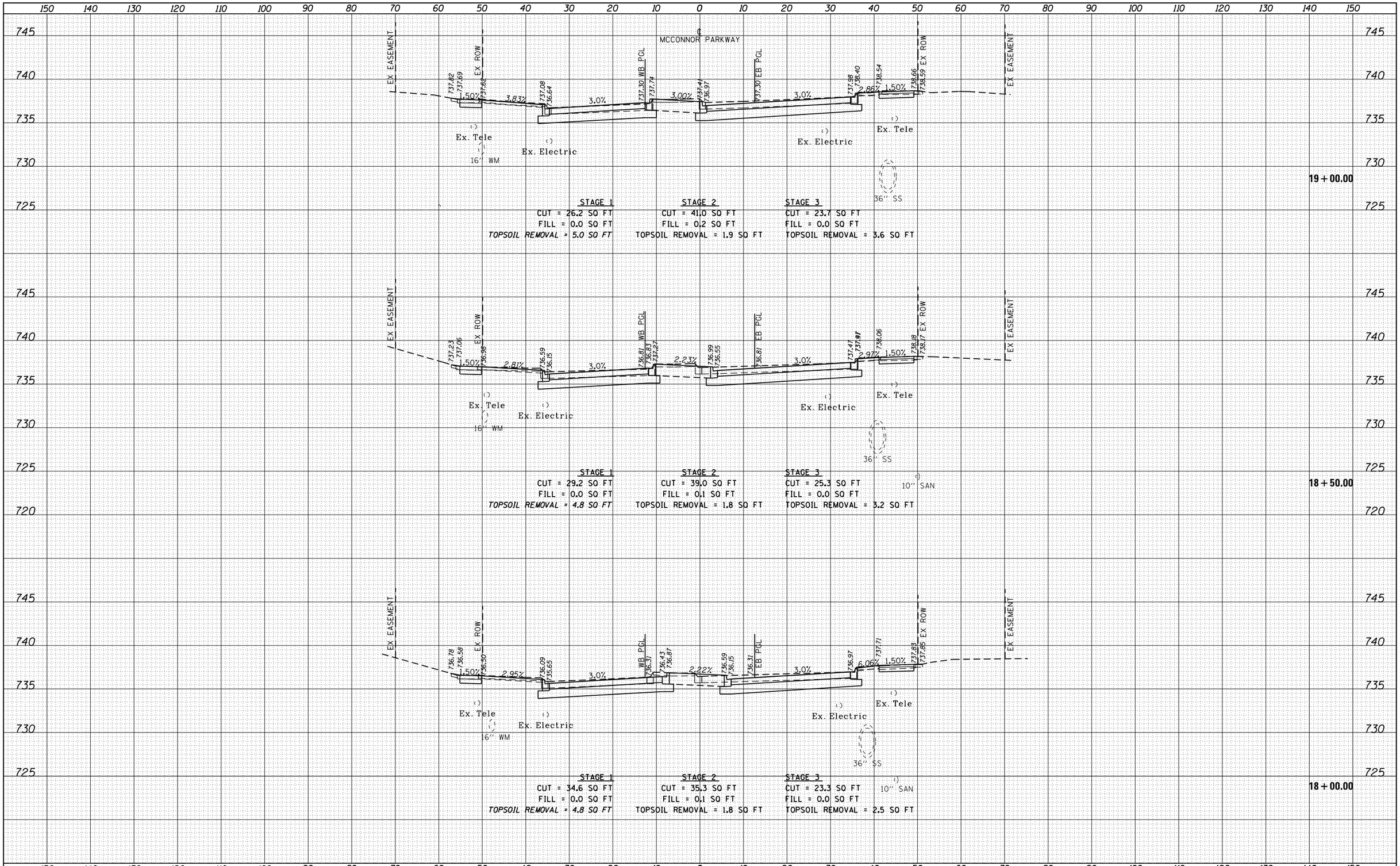
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 6 OF 21 SHEETS | STA. 16+50.00 TO STA. 17+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	189

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

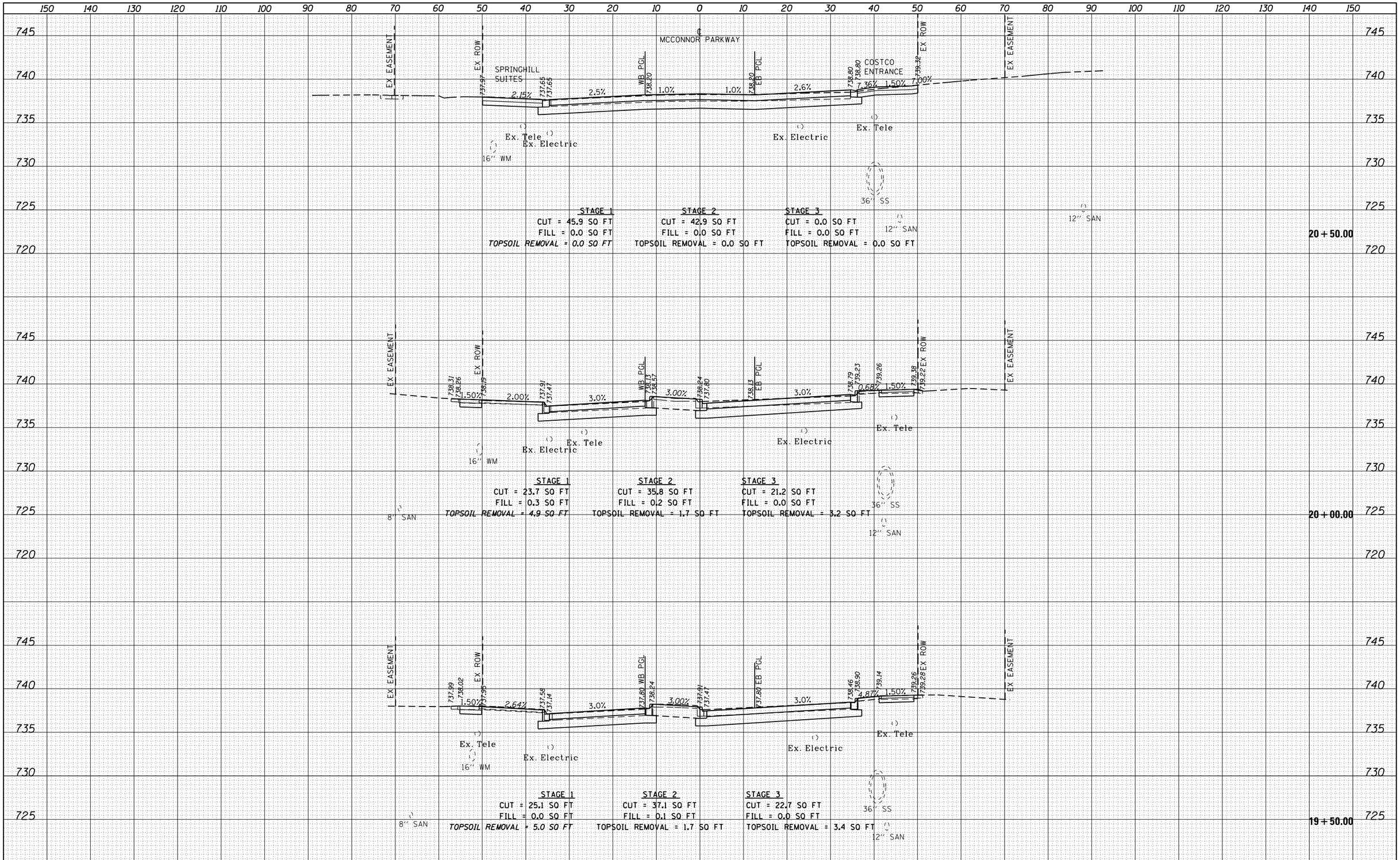
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 7 OF 21 SHEETS | STA. 18+00.00 TO STA. 19+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	190

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

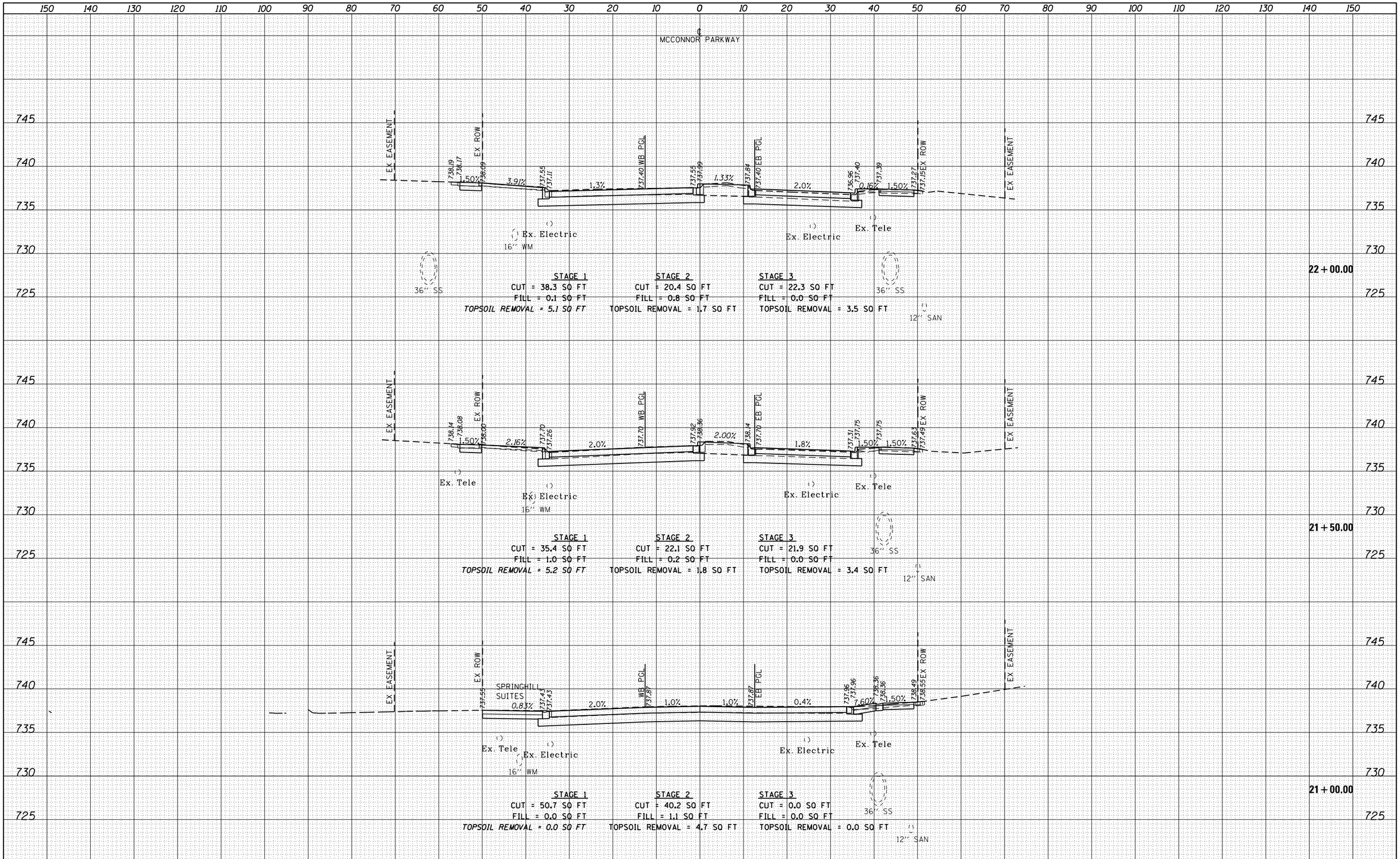
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 8 OF 21 SHEETS | STA. 19+50.00 TO STA. 20+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	191

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

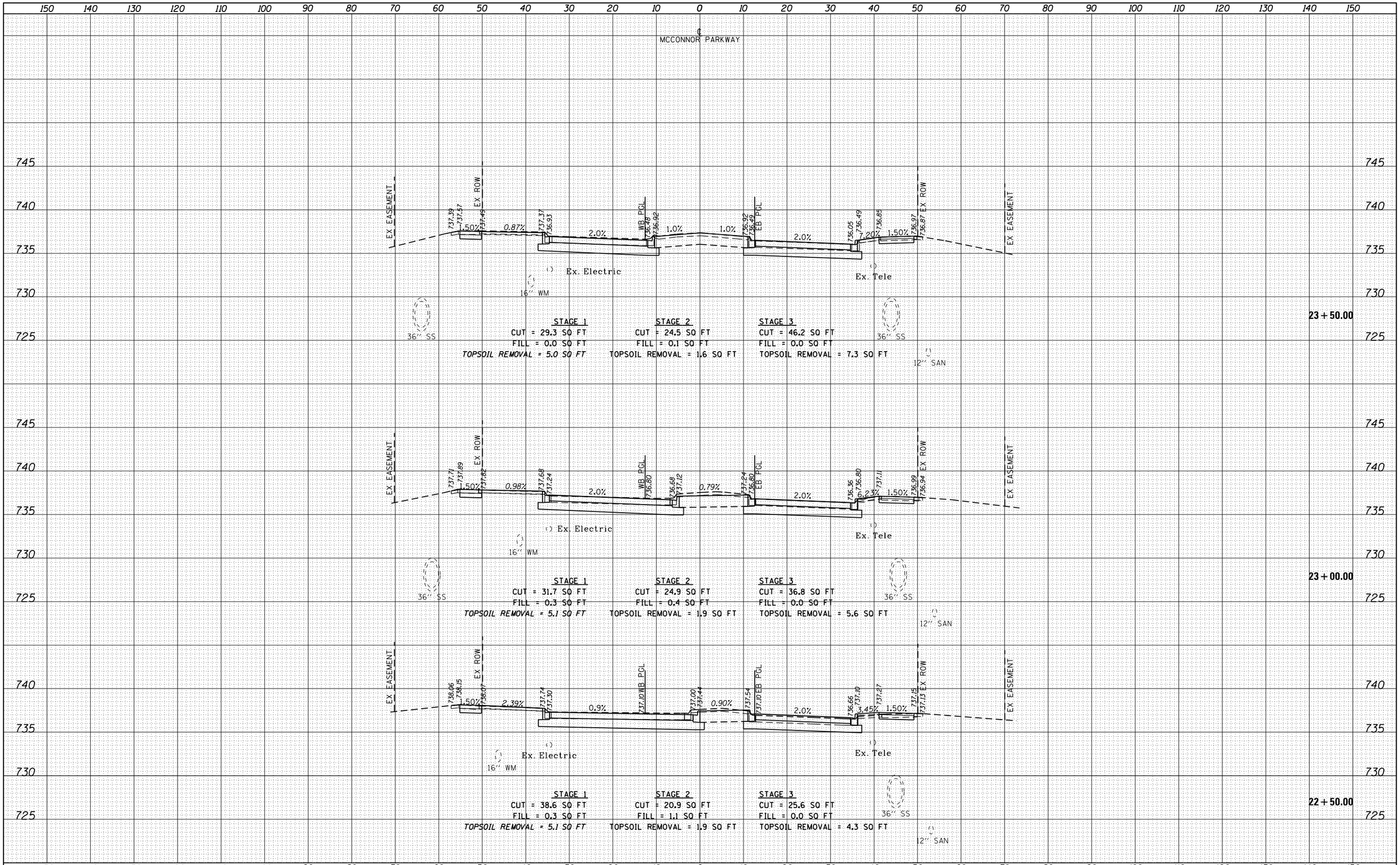
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 9 OF 21 SHEETS | STA. 21+00.00 TO STA. 22+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	192

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

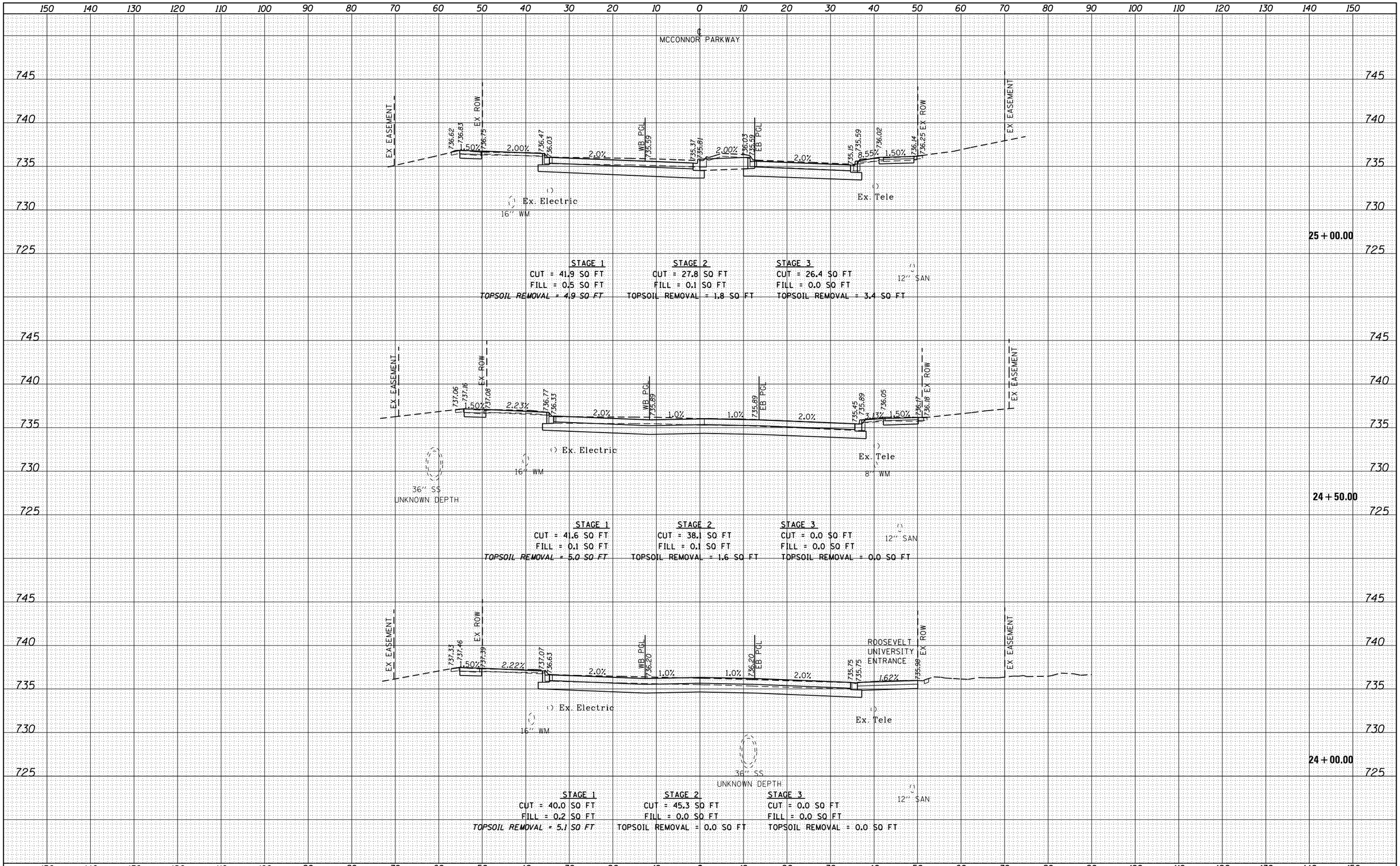
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 10 OF 21 SHEETS | STA. 22+50.00 TO STA. 23+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	193

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

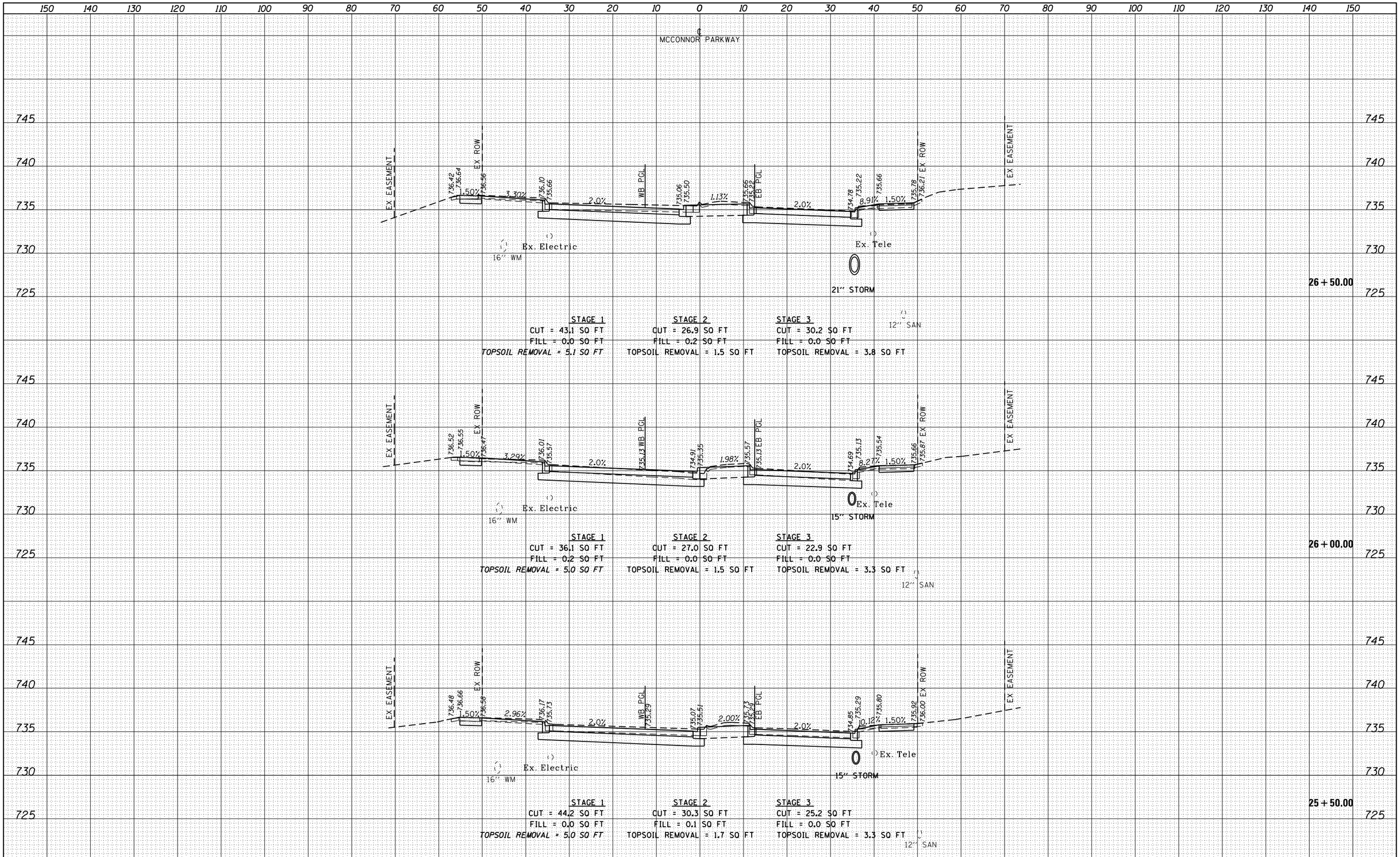
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 11 OF 21 SHEETS | STA. 24+00.00 TO STA. 25+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	194

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

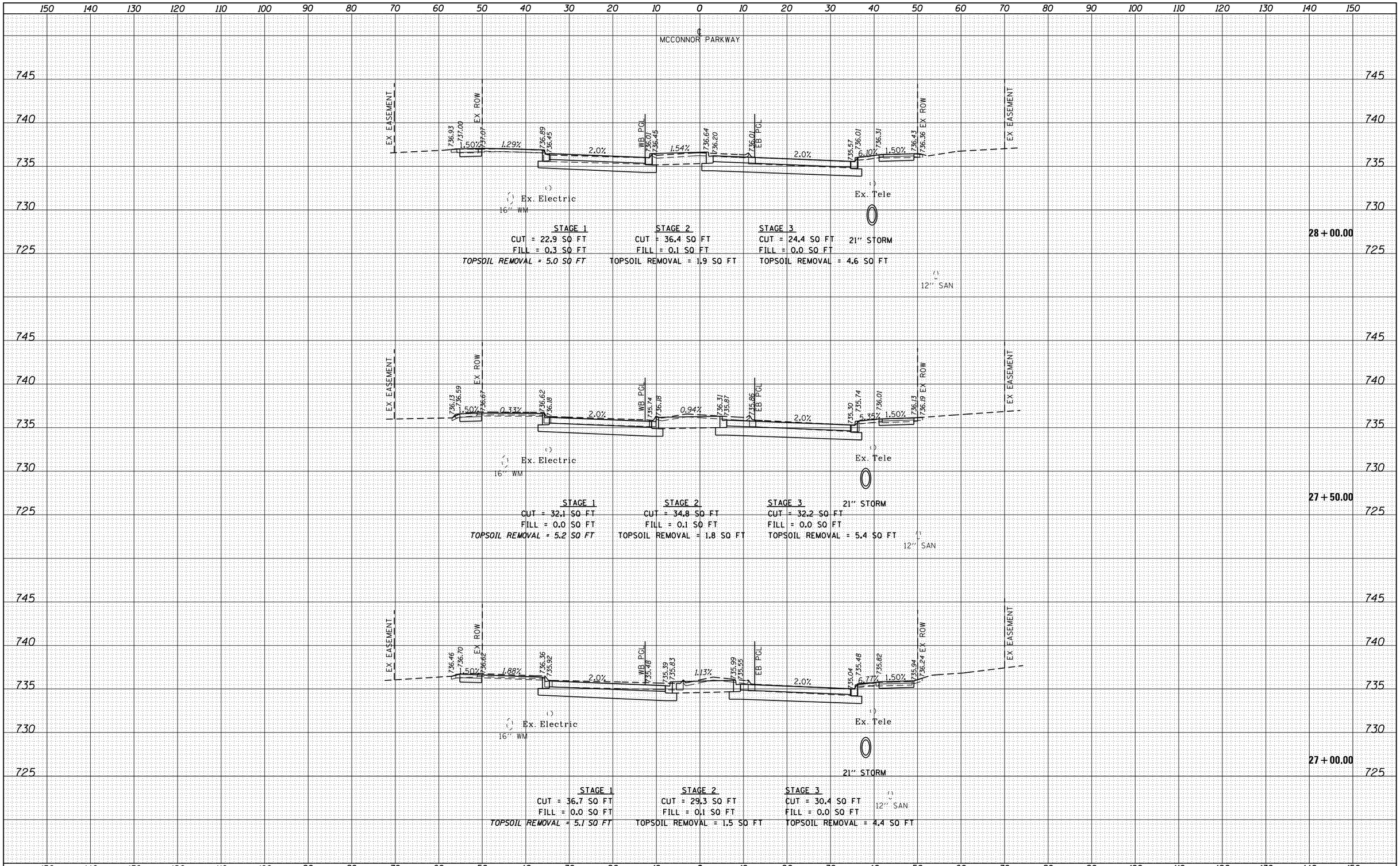
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 12 OF 21 SHEETS | STA. 25+50.00 TO STA. 26+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	195

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

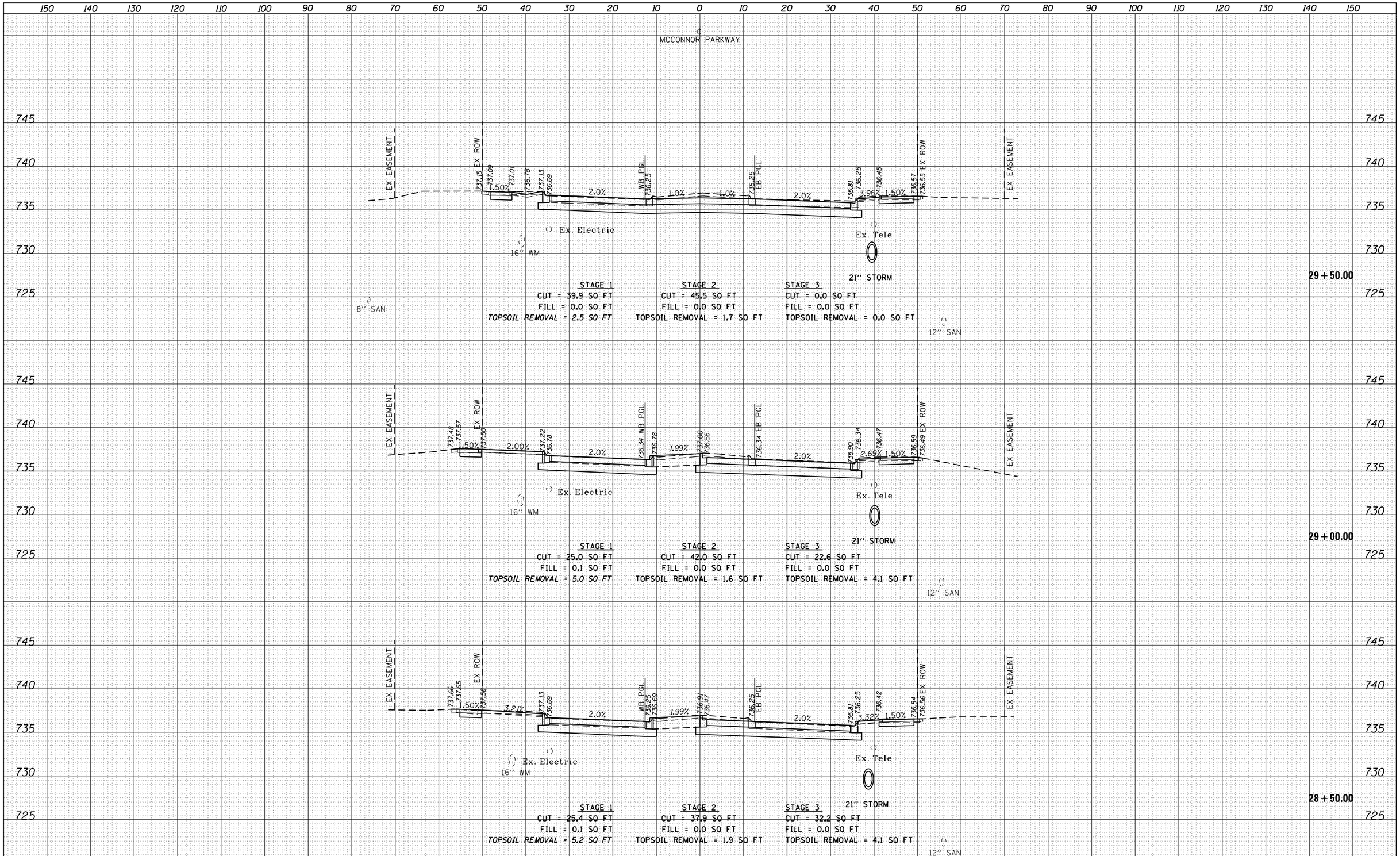
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 13 OF 21 SHEETS | STA. 27+00.00 TO STA. 28+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	196

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

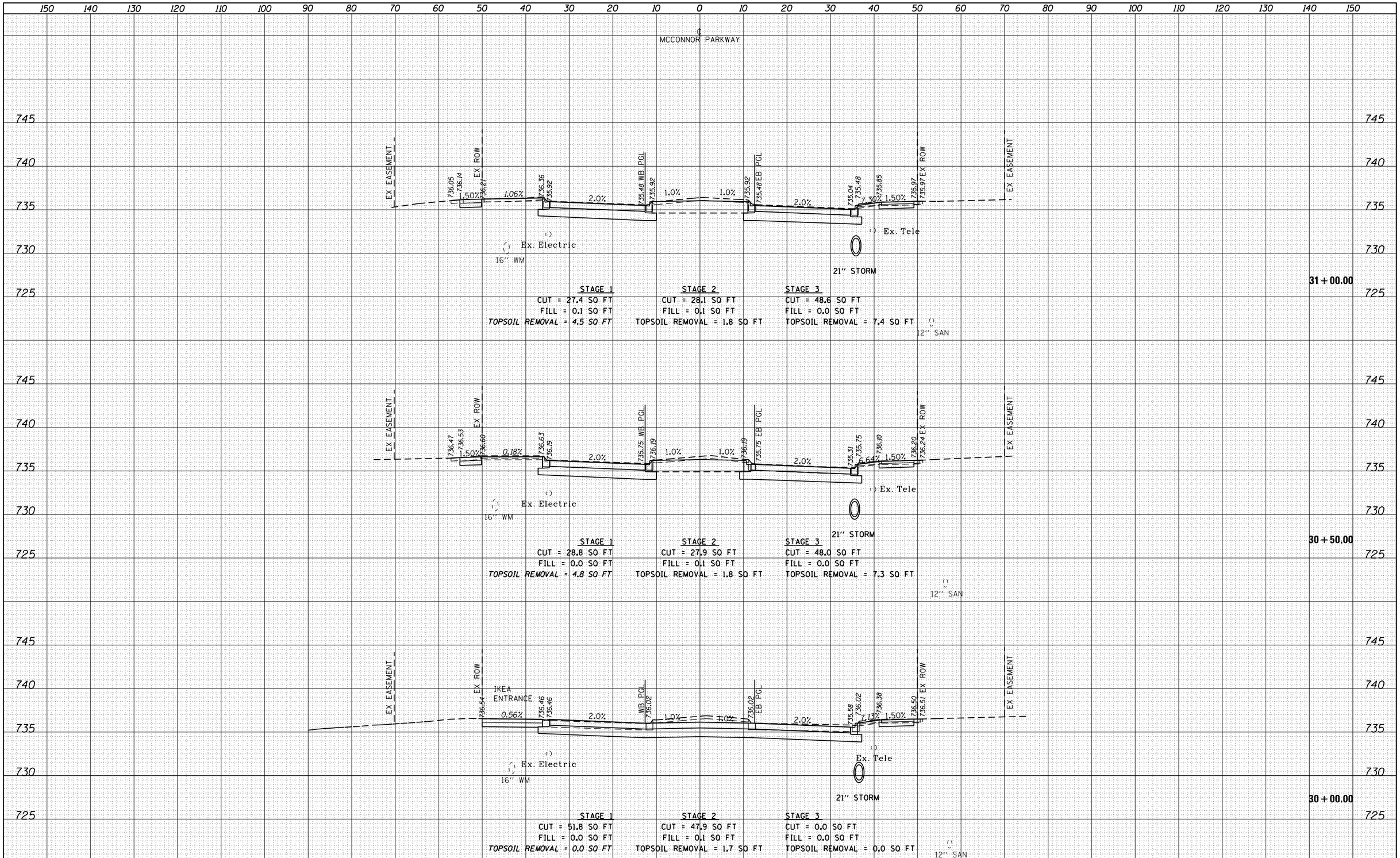
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 14 OF 21 SHEETS | STA. 28+50.00 TO STA. 29+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	197

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

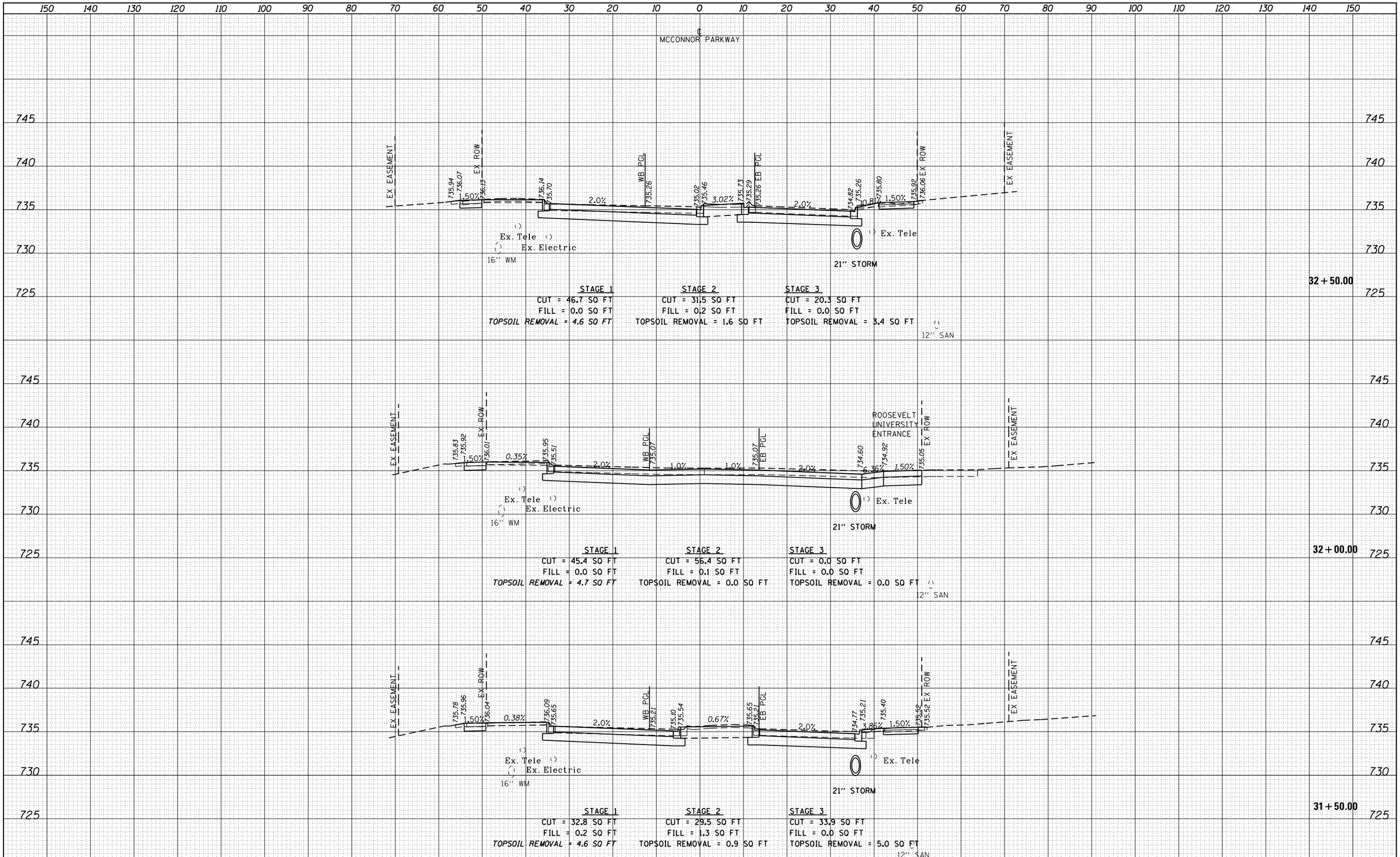
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 15 OF 21 SHEETS | STA. 30+00.00 TO STA. 31+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	198

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

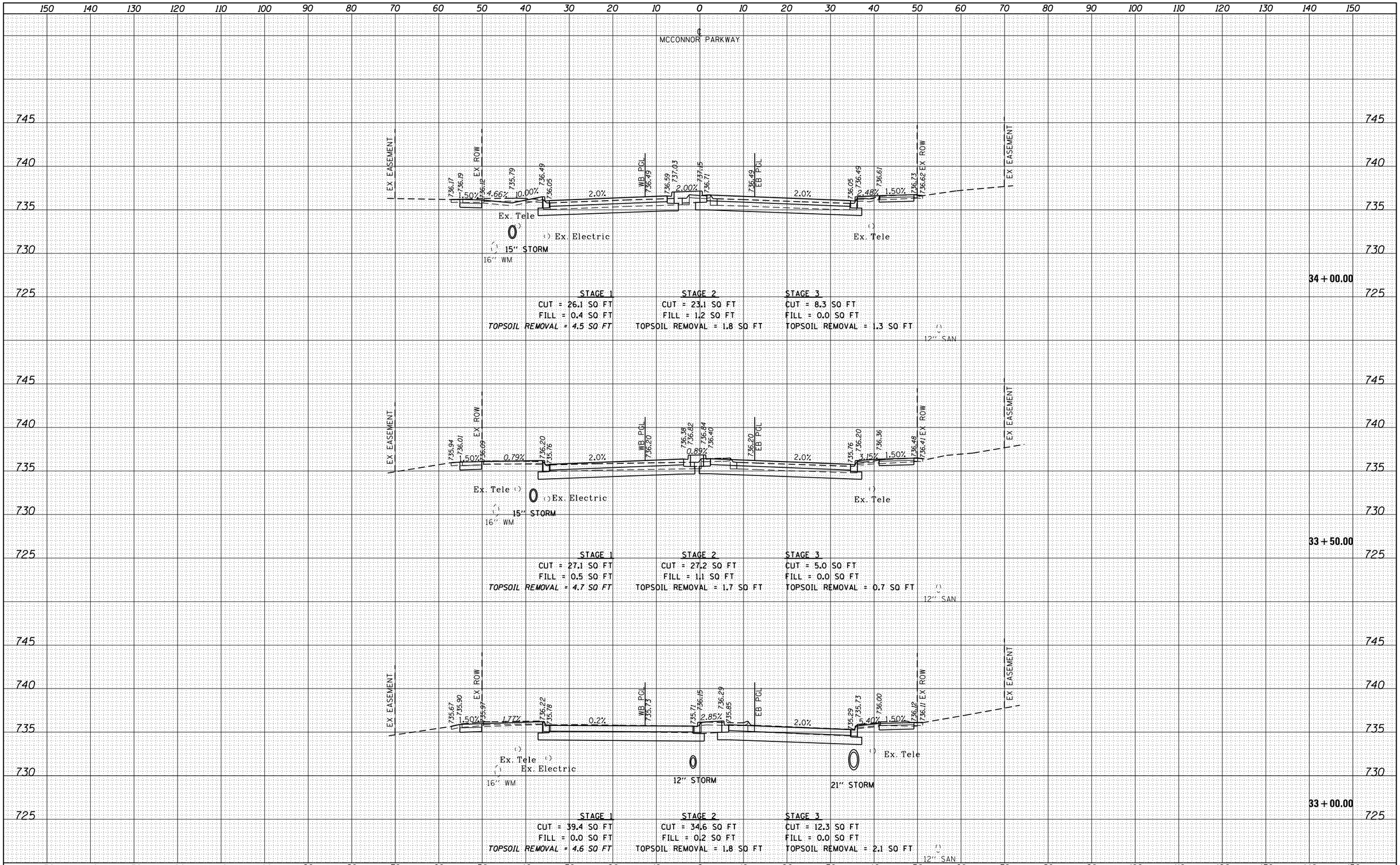
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 16 OF 21 SHEETS | STA. 31+50.00 TO STA. 32+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	199

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

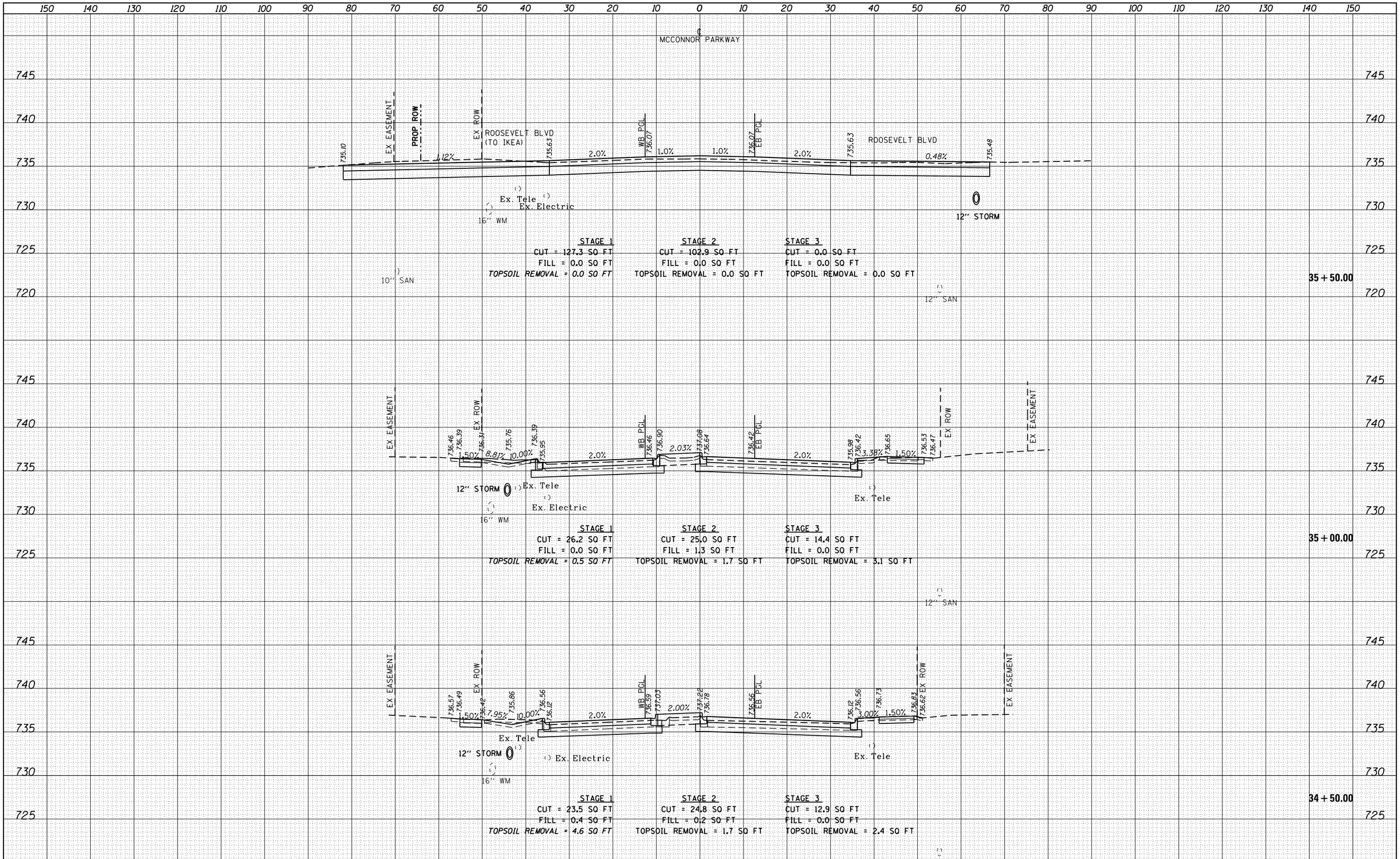
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 17 OF 21 SHEETS | STA. 33+00.00 TO STA. 34+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	200

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

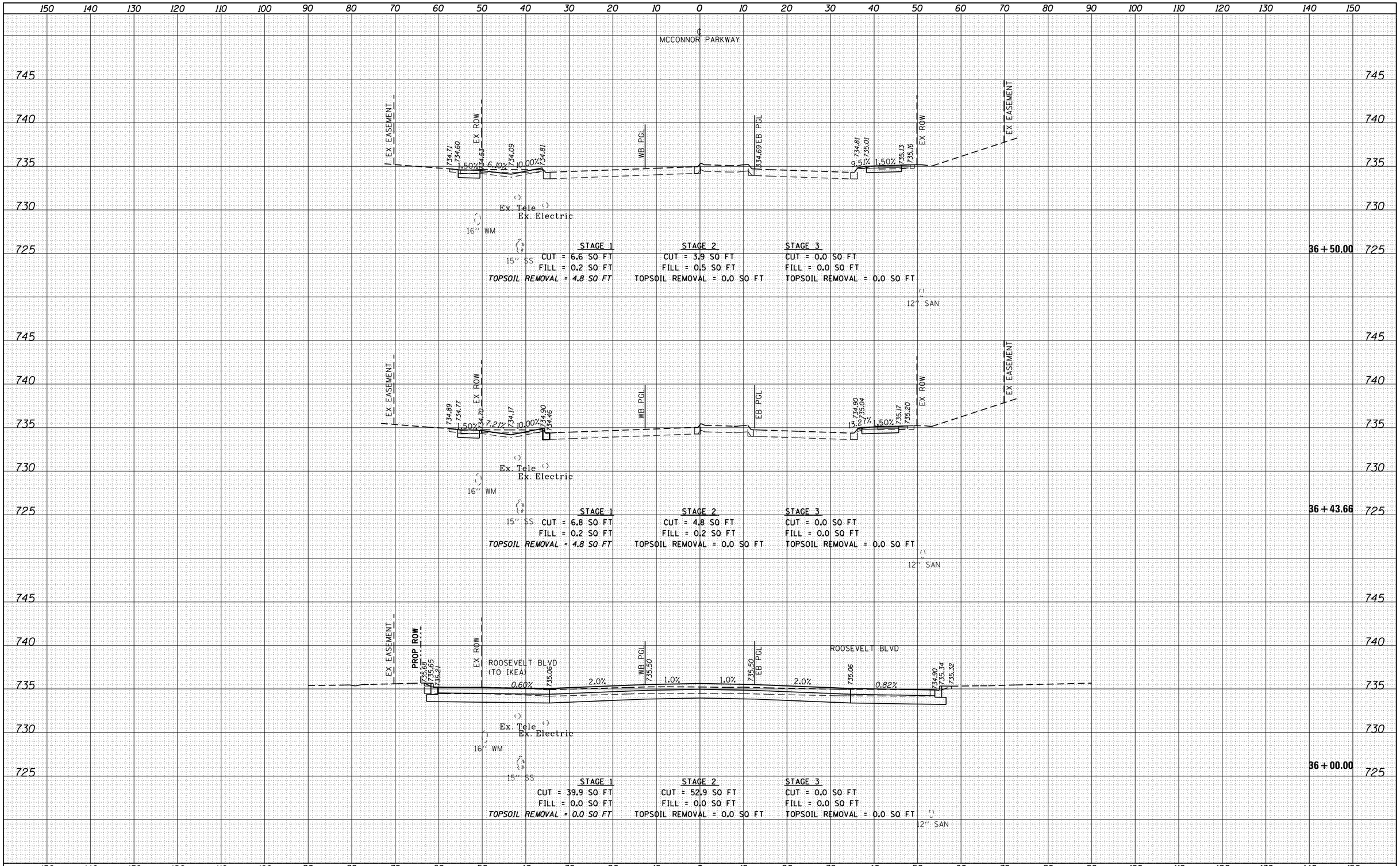
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 18 OF 21 SHEETS | STA. 34+50.00 TO STA. 35+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	201

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



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

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

FILE NAME =	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

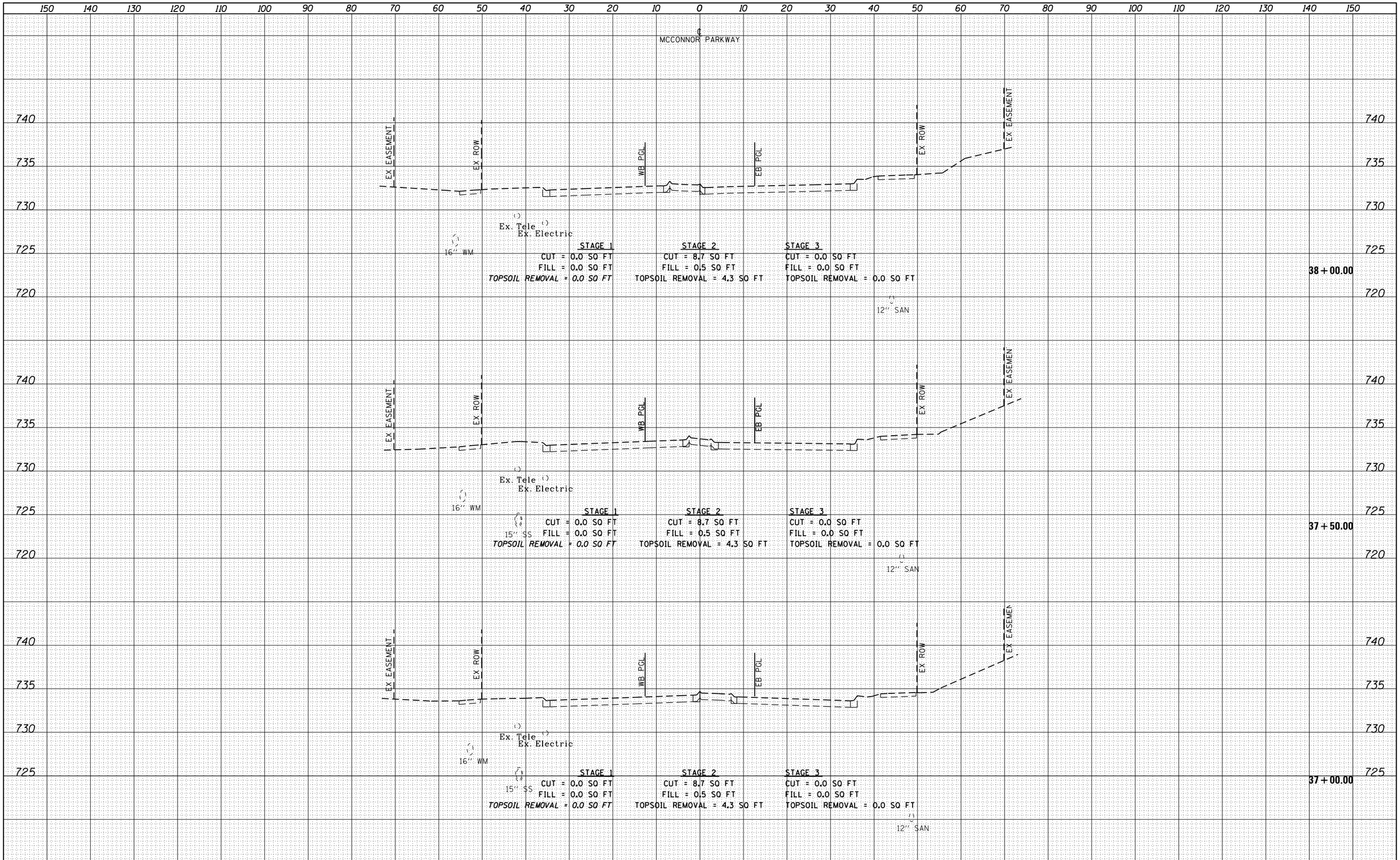
MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 19 OF 21 SHEETS | STA. 36+00.00 TO STA. 36+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	202

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT



FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCCONNOR PARKWAY RECONSTRUCTION CROSS SECTIONS
Default	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -		1"=5' VERT
	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -		SCALE: 1"=10' HORZ

SHEET 20 OF 21 SHEETS STA. 37+00.00 TO STA. 38+00.00

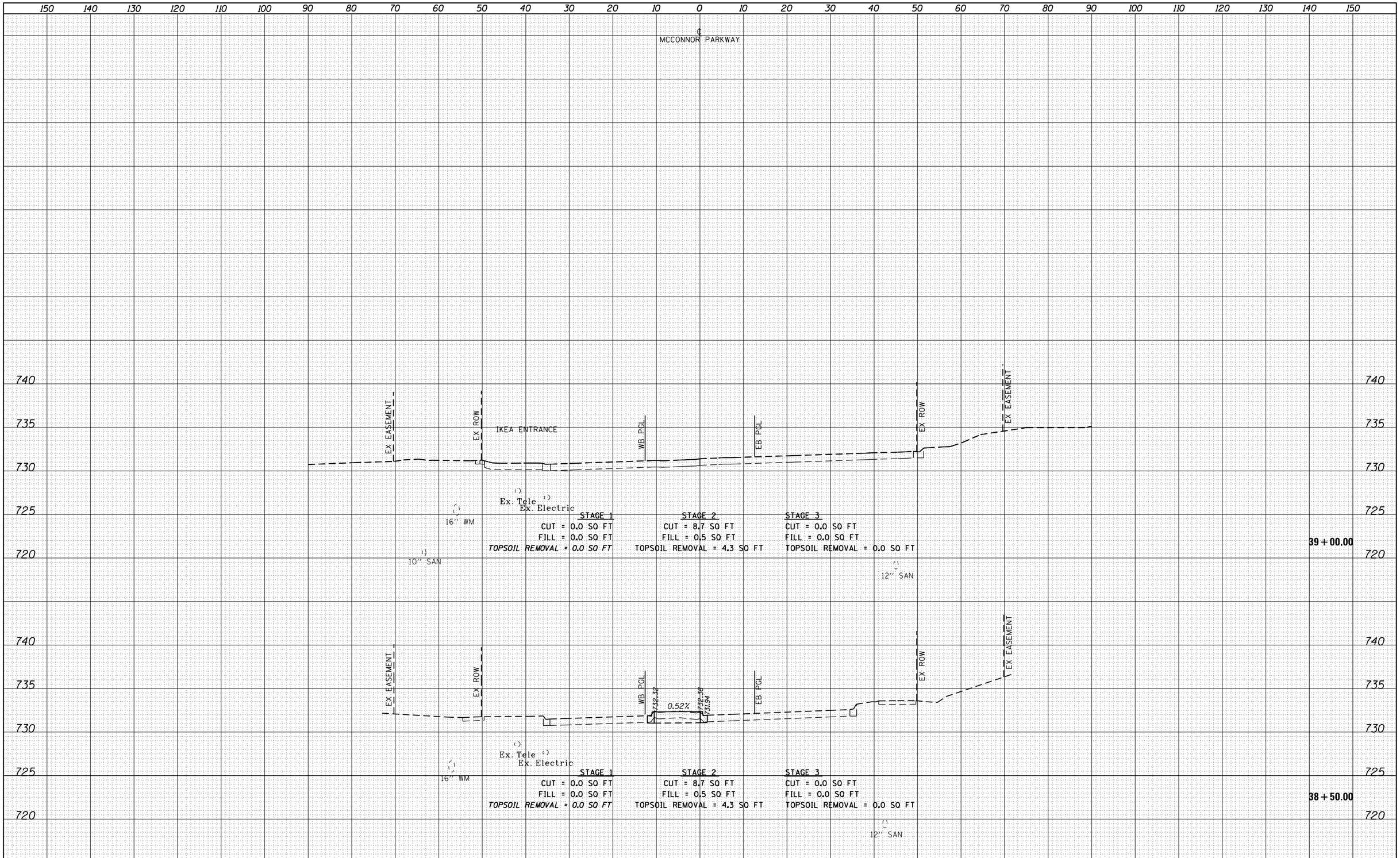
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	203

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT

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

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



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

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

FILE NAME = F:\861-078 VoS McConnor Parkway\CADD Sheets\Contract 01 CADD Sheets\18_Cross Sections\22-00142-01-PV_SHT_XS.dgn	USER NAME = jrodriguez	DESIGNED - JR	REVISED -
		DRAWN - JR	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - GJE	REVISED -
Default	PLOT DATE = 6/4/2025	DATE - 6/4/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCCONNOR PARKWAY RECONSTRUCTION
CROSS SECTIONS

1"=5' VERT
SCALE: 1"=10' HORZ | SHEET 21 OF 21 SHEETS | STA. 38+50.00 TO STA. 39+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7008	22-00142-01-PV	COOK	204	204

CONTRACT NO. 61L37

ILLINOIS FED. AID PROJECT