

54TH AVE.

FIRE HYDRANT TO BE ADJUSTED

FRAME AND LID TO BE ADJUSTED

REBUILD EXISTING HANDHOLE

	STATION	OFFSET	ELEVATION
A	2469+26.91	54.94 L	(606.06)
B	2469+36.91	49.94 L	606.18
C	2469+36.91	44.94 L	606.25
D	2469+41.91	44.94 L	606.18
E	2469+41.91	49.94 L	606.08
F	2469+51.75	54.54 L	605.11
G	2469+49.63	52.94 L	606.02
H	2469+50.94	51.88 L	605.81
I	2469+48.45	49.94 L	605.87
J	2469+50.18	49.94 L	605.85
K	2469+47.52	44.94 L	605.92
L	2469+45.61	44.94 L	605.94
M	2469+46.54	43.5 L	605.95
P	2469+42.76	41.41 L	606.36
Q	2469+41.91	40.53 L	606.27
R	2469+42.37	38.78 L	606.22
S	2469+41.91	38.36 L	606.25
T	2469+36.91	40.53 L	606.32
U	2469+36.91	36.52 L	606.30
V	2469+36.91	34.65 L	606.28
W	2469+36.45	34.37 L	606.30
X	2469+33.91	34.8 L	606.57
Y	2469+26.91	32.53 L	(606.31)
BB	2469+45.61	49.94 L	605.89

	STATION	OFFSET	ELEVATION
A	2470+14.52	59.8 L	(605.98)
B	2470+04.52	53.8 L	606.14
C	2470+04.52	48.8 L	606.24
D	2469+99.52	48.8 L	606.14
E	2469+99.52	53.8 L	606.04
F	2469+94.65	53.8 L	605.79
G	2469+89.06	59.53 L	(605.45)
H	2469+91.28	56.8 L	605.84
I	2469+90.17	54.97 L	605.69
J	2469+90.57	53.8 L	605.75
K	2469+92.25	53.8 L	605.77
L	2469+94.65	48.8 L	605.84
M	2469+92.83	48.8 L	605.82
N	2469+93.76	47.23 L	605.86
O	2469+70.57	53.42 L	606.01
P	2469+70.57	45.4 L	606.17
Q	2469+97.38	44.87 L	606.22
R	2469+99.52	42.49 L	606.16
S	2469+99.07	40.71 L	606.12
T	2469+99.52	40.29 L	606.14
U	2470+04.52	42.49 L	606.21
V	2470+04.52	38.35 L	606.19
W	2470+04.52	36.47 L	606.17
X	2470+04.97	36.19 L	606.19
Y	2470+08.45	36.1 L	606.48
Z	2470+14.12	32.34 L	(606.37)

CERMAK ROAD

LEGEND		EXISTING MAST ARM OR POST		PROPOSED MAST ARM OR POST
	(XX.XX)	EXISTING LENGTH/ELEVATION		DETECTABLE WARNINGS
		PROPOSED SIDE CURB		SIDEWALK REMOVAL
	(%)	EXISTING SLOPE		REPLACE W/TOPSOIL & SOD
		DEPRESSED CURB		HOT-MIX ASPHALT REMOVAL, 2 INCH
	PROPOSED SIDEWALK		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70	
			PAVEMENT REMOVAL	

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

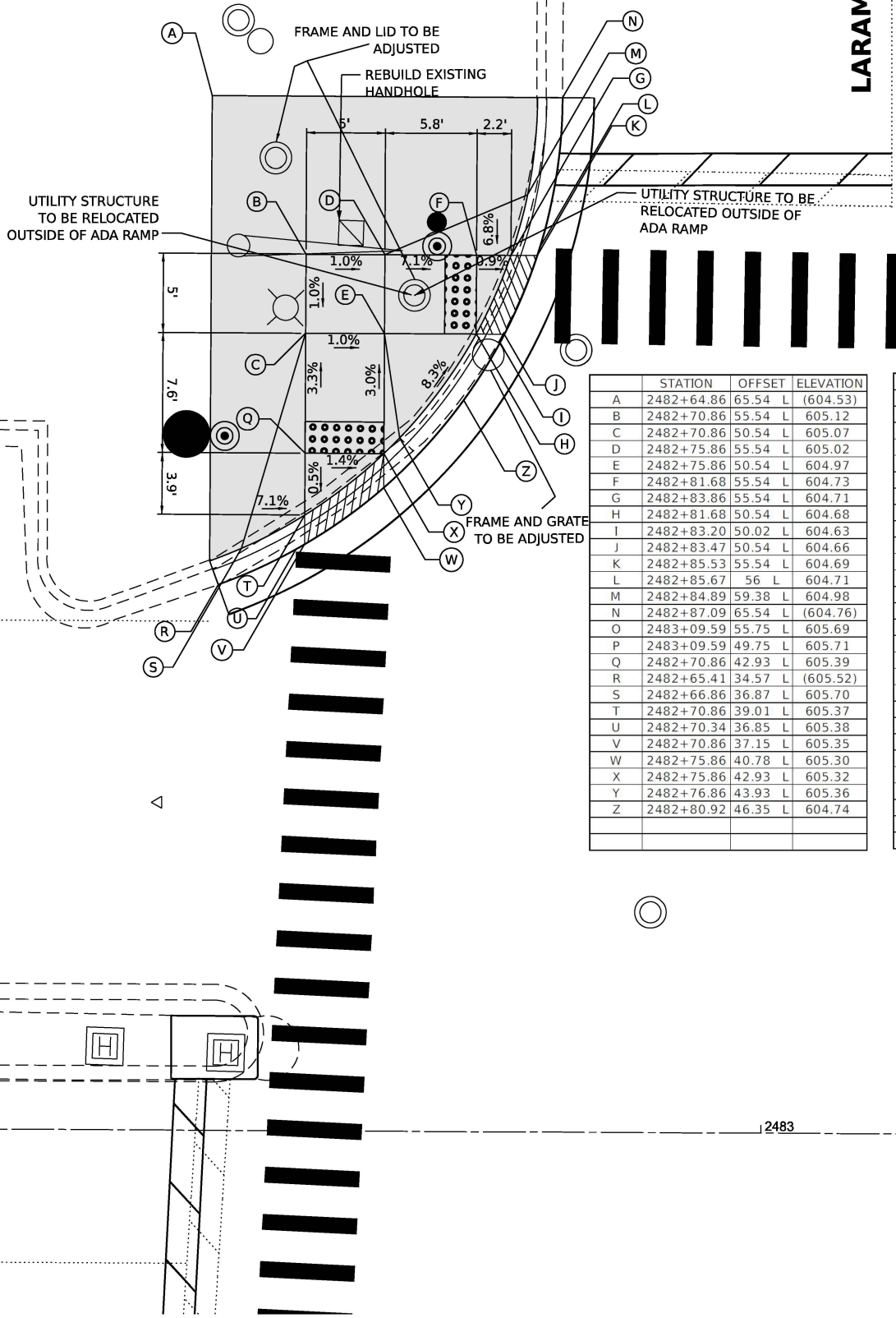
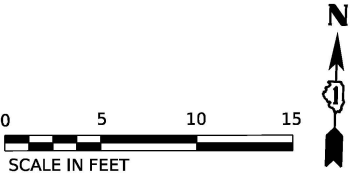
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		DRAWN	- MS, MA, MD, SR	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	- JR, AS	REVISED	-
PLOT DATE	= 03/19/2025	DATE	- 11/08/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & 54TH AVENUE

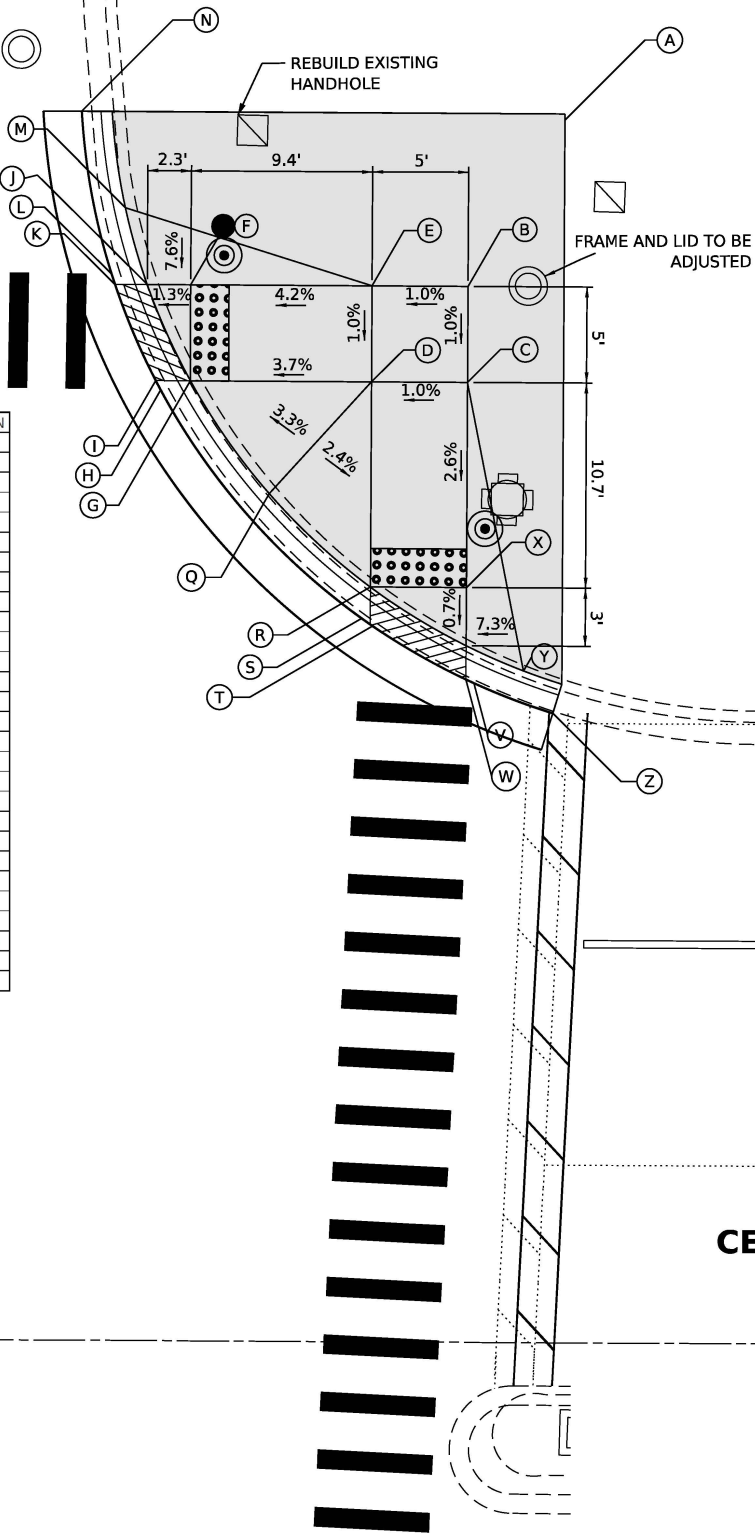
SCALE: 1"=5' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	101
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	2482+64.86	65.54 L	(604.53)
B	2482+70.86	55.54 L	605.12
C	2482+70.86	50.54 L	605.07
D	2482+75.86	55.54 L	605.02
E	2482+75.86	50.54 L	604.97
F	2482+81.68	55.54 L	604.73
G	2482+83.86	55.54 L	604.71
H	2482+81.68	50.54 L	604.68
I	2482+83.20	50.02 L	604.63
J	2482+83.47	50.54 L	604.66
K	2482+85.53	55.54 L	604.69
L	2482+85.67	56 L	604.71
M	2482+84.89	59.38 L	604.98
N	2482+87.09	65.54 L	(604.76)
O	2483+09.59	55.75 L	605.69
P	2483+09.59	49.75 L	605.71
Q	2482+70.86	42.93 L	605.39
R	2482+65.41	34.57 L	(605.52)
S	2482+66.86	36.87 L	605.70
T	2482+70.86	39.01 L	605.37
U	2482+70.34	36.85 L	605.38
V	2482+70.86	37.15 L	605.35
W	2482+75.86	40.78 L	605.30
X	2482+75.86	42.93 L	605.32
Y	2482+76.86	43.93 L	605.36
Z	2482+80.92	46.35 L	604.74

	STATION	OFFSET	ELEVATION
A	2483+54.59	63.98 L	(605.72)
B	2483+49.59	54.98 L	605.73
C	2483+49.59	49.98 L	605.68
D	2483+44.59	49.98 L	605.63
E	2483+44.59	54.98 L	605.68
F	2483+35.15	54.98 L	605.29
G	2483+35.15	49.98 L	605.28
H	2483+33.61	49.5 L	605.26
I	2483+33.35	49.98 L	605.26
J	2483+32.88	54.98 L	605.26
K	2483+31.20	54.98 L	605.24
L	2483+31.02	55.53 L	605.24
M	2483+31.72	58.98 L	605.58
N	2483+29.41	63.98 L	(605.21)
O	2483+09.59	55.75 L	605.69
P	2483+09.59	49.75 L	605.71
Q	2483+39.29	44.13 L	605.52
R	2483+44.59	39.29 L	605.35
S	2483+44.15	37.66 L	605.31
T	2483+44.59	37.35 L	605.33
U	2483+49.59	36.26 L	605.38
V	2483+50.00	34.32 L	605.38
W	2483+49.59	34.51 L	605.36
X	2483+49.59	39.29 L	605.40
Y	2483+52.59	34.97 L	605.62
Z	2483+54.13	32.77 L	(605.40)



LEGEND		EXISTING MAST ARM OR POST		PROPOSED MAST ARM OR POST
	(XX.XX)	EXISTING LENGTH/ELEVATION		DETECTABLE WARNINGS
		PROPOSED SIDE CURB		SIDEWALK REMOVAL
	(%)	EXISTING SLOPE		REPLACE W/TOPSOIL & SOD
		DEPRESSED CURB		HOT-MIX ASPHALT REMOVAL, 2 INCH
	PROPOSED SIDEWALK			HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70
				PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & LARAMIE AVENUE

SCALE: 1"=5' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	103
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

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

USER NAME	= msomer	DESIGNED	- MS, MA	REVISED	-
		DRAWN	- MS, MA, MD, SR	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	- JR, AS	REVISED	-
PLOT DATE	= 03/19/2025	DATE	- 11/08/2024	REVISED	-

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MODEL: 4MODEL.NAMES
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USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - MS, MA
DRAWN - MS, MA, MD, SR
CHECKED - JR, AS
DATE - 11/08/2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & LARAMIE AVENUE

SCALE: 1"=5'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

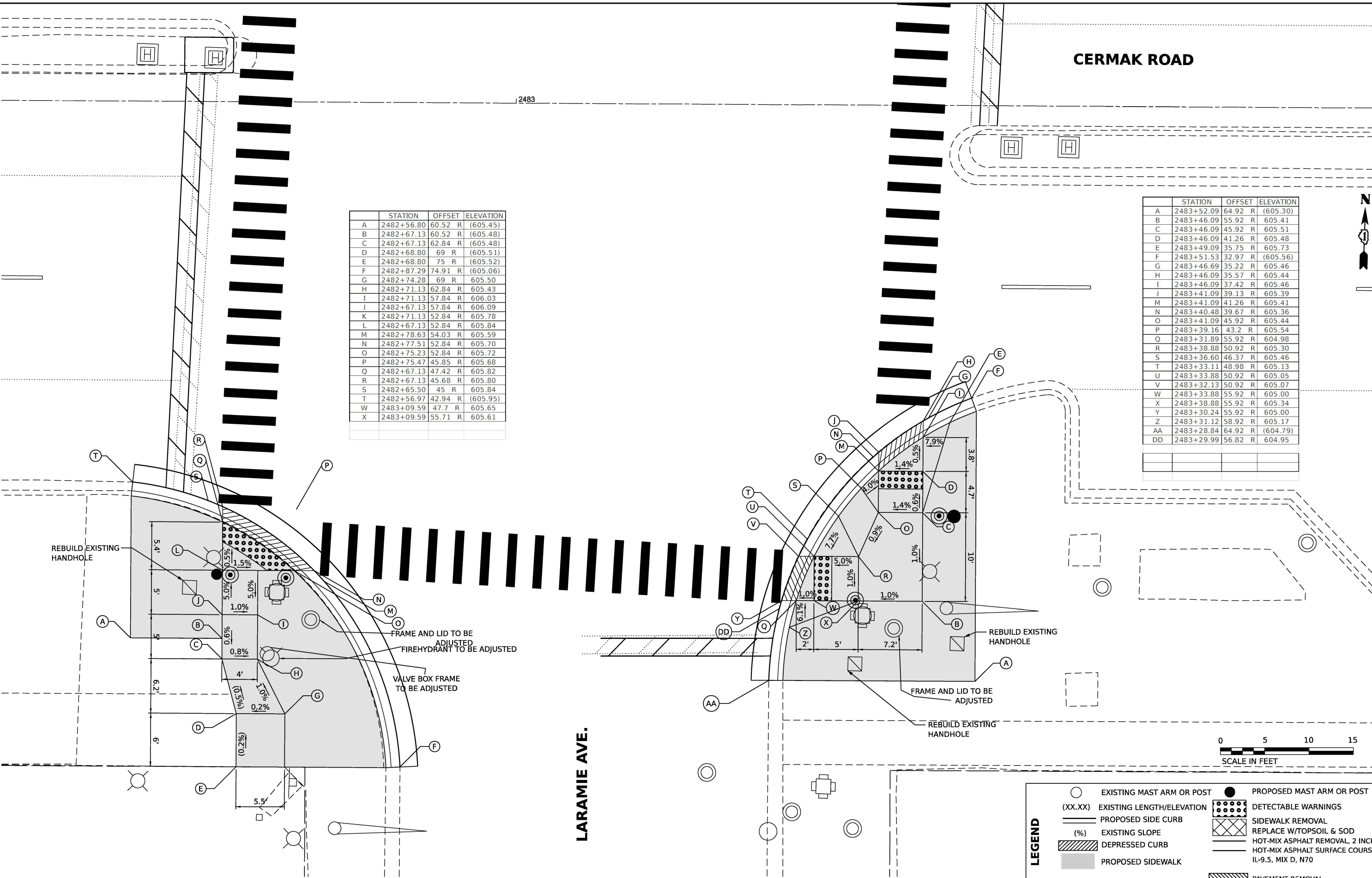
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	104
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- | | | | |
|---------|---------------------------|---|---------------------------------|
| ○ | EXISTING MAST ARM OR POST | ● | PROPOSED MAST ARM OR POST |
| (XX.XX) | EXISTING LENGTH/ELEVATION | ■ | DETECTABLE WARNINGS |
| — | PROPOSED SIDE CURB | ■ | SIDEWALK REMOVAL |
| (%) | EXISTING SLOPE | ■ | REPLACE W/TOPSOIL & SOD |
| ▨ | DEPRESSED CURB | ■ | HOT-MIX ASPHALT REMOVAL, 2 INCH |
| ■ | PROPOSED SIDEWALK | ■ | HOT-MIX ASPHALT SURFACE COURSE, |
| | | ■ | IL-9.5, MIX D, N70 |
| | | ■ | PAVEMENT REMOVAL |

0 5 10 15
SCALE IN FEET

	STATION	OFFSET	ELEVATION
A	2483+52.09	64.92 R	(605.30)
B	2483+46.09	55.92 R	605.41
C	2483+46.09	45.92 R	605.51
D	2483+46.09	41.26 R	605.48
E	2483+49.09	35.75 R	605.73
F	2483+51.53	32.97 R	(605.56)
G	2483+46.69	35.22 R	605.46
H	2483+46.09	35.57 R	605.44
I	2483+46.09	37.42 R	605.46
J	2483+41.09	39.13 R	605.39
M	2483+41.09	41.26 R	605.41
N	2483+40.48	39.67 R	605.36
O	2483+41.09	45.92 R	605.44
P	2483+39.16	43.2 R	605.54
Q	2483+31.89	55.92 R	604.98
R	2483+38.88	50.92 R	605.30
S	2483+36.60	46.37 R	605.46
T	2483+33.11	48.98 R	605.13
U	2483+33.88	50.92 R	605.05
V	2483+32.13	50.92 R	605.07
W	2483+33.88	55.92 R	605.00
X	2483+38.88	55.92 R	605.34
Y	2483+30.24	55.92 R	605.00
Z	2483+31.12	58.92 R	605.17
AA	2483+28.84	64.92 R	(604.79)
DD	2483+29.99	56.82 R	604.95

	STATION	OFFSET	ELEVATION
A	2482+56.80	60.52 R	(605.45)
B	2482+67.13	60.52 R	(605.48)
C	2482+67.13	62.84 R	(605.48)
D	2482+68.80	69 R	(605.51)
E	2482+68.80	75 R	(605.52)
F	2482+87.29	74.91 R	(605.06)
G	2482+74.28	69 R	605.50
H	2482+71.13	62.84 R	605.43
I	2482+71.13	57.84 R	606.03
J	2482+67.13	57.84 R	606.09
K	2482+71.13	52.84 R	605.78
L	2482+67.13	52.84 R	605.84
M	2482+78.63	54.03 R	605.59
N	2482+77.51	52.84 R	605.70
O	2482+75.23	52.84 R	605.72
P	2482+75.47	45.85 R	605.68
Q	2482+67.13	47.42 R	605.82
R	2482+67.13	45.68 R	605.80
S	2482+65.50	45 R	605.84
T	2482+56.97	42.94 R	(605.95)
W	2483+09.59	47.7 R	605.65
X	2483+09.59	55.71 R	605.61



MODEL: 4MODEL.NAMES
FILE NAME: D:\EGN39\9th-ADA-02.dgn

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

USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - MS, MA
DRAWN - MS, MA, MD, SR
CHECKED - JR, AS
DATE - 11/08/2024

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & 50TH AVENUE**

SCALE: 1"=5'

SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA

TO STA. NA

F.A.P.
R.T.E.
771

SECTION
2020-266-SUR, SW & TS

COUNTY
COOK, DUPAGE

TOTAL SHEETS
492

SHEET NO.
105

CONTRACT NO. 62N39

ILLINOIS | FED. AID PROJECT

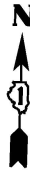
LEGEND

- | | | | |
|---------|---------------------------|--|--|
| | EXISTING MAST ARM OR POST | | PROPOSED MAST ARM OR POST |
| (XX.XX) | EXISTING LENGTH/ELEVATION | | DETECTABLE WARNINGS |
| | PROPOSED SIDE CURB | | SIDEWALK REMOVAL |
| (%) | EXISTING SLOPE | | REPLACE W/TOPSOIL & SOD |
| | DEPRESSED CURB | | HOT-MIX ASPHALT REMOVAL, 2 INCH |
| | PROPOSED SIDEWALK | | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70 |
| | | | PAVEMENT REMOVAL |

	STATION	OFFSET	ELEVATION
A	2496+87.83	60.2 L	(604.67)
B	2496+68.02	59.94 L	(604.03)
C	2496+82.83	53.2 L	604.70
D	2496+82.83	48.2 L	604.75
E	2496+77.83	48.2 L	604.70
F	2496+77.83	53.2 L	604.65
G	2496+74.09	53.2 L	604.46
H	2496+74.09	48.2 L	604.51
I	2496+72.57	47.65 L	604.52
J	2496+72.25	48.2 L	604.49
K	2496+71.56	53.2 L	604.44
L	2496+69.86	53.2 L	604.42
M	2496+69.64	53.79 L	604.40
N	2496+69.98	58.2 L	604.50
O	2496+47.53	54.75 L	604.91
P	2496+47.53	48.74 L	605.00
Q	2496+76.66	44.6 L	604.90
R	2496+77.83	43.25 L	604.87
S	2496+82.83	43.25 L	604.94
T	2496+77.32	41.47 L	604.83
U	2496+77.83	40.96 L	604.85
V	2496+82.83	38.76 L	604.93
W	2496+82.83	36.82 L	604.91
X	2496+83.30	36.5 L	604.94
Y	2496+86.16	36.62 L	605.27
Z	2496+87.13	34.32 L	(605.11)

	STATION	OFFSET	ELEVATION
A	2496+03.26	61.31 L	(604.79)
B	2496+26.34	61.02 L	(603.99)
C	2496+12.97	55.31 L	604.91
D	2496+12.97	51.31 L	604.90
E	2496+16.97	55.31 L	604.81
F	2496+16.97	51.31 L	604.83
G	2496+21.41	51.31 L	604.61
H	2496+22.44	49.84 L	604.61
I	2496+23.17	51.31 L	604.59
J	2496+21.41	55.31 L	604.59
K	2496+23.13	55.31 L	604.57
L	2496+24.81	55.31 L	604.54
M	2496+24.96	55.73 L	604.51
N	2496+24.09	58.31 L	604.68
Q	2496+01.99	50.01 L	(604.45)
R	2496+08.81	43.9 L	605.17
S	2496+12.97	44.38 L	604.86
T	2496+12.97	42.6 L	604.84
U	2496+12.97	41.02 L	604.82
V	2496+16.97	42.07 L	604.80
W	2496+16.97	44.38 L	604.82
X	2496+18.96	44.36 L	604.72
Y	2496+18.75	46.78 L	604.90

0 5 10 15
SCALE IN FEET



MODEL: 4MODEL.NAMES
FILE NAME: D:\62N39-21-ADA-02.dgn



USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - MS, MA
DRAWN - MS, MA, MD, SR
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DATE - 11/08/2024

REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

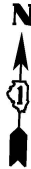
22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & 50TH AVENUE

SCALE: 1"=5'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	106
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

LEGEND

- | | | | |
|---------|---------------------------|---|---------------------------------|
| ○ | EXISTING MAST ARM OR POST | ● | PROPOSED MAST ARM OR POST |
| (XX.XX) | EXISTING LENGTH/ELEVATION | ■ | DETECTABLE WARNINGS |
| — | PROPOSED SIDE CURB | ■ | SIDEWALK REMOVAL |
| (%) | EXISTING SLOPE | ■ | REPLACE W/TOPSOIL & SOD |
| ▨ | DEPRESSED CURB | ■ | HOT-MIX ASPHALT REMOVAL, 2 INCH |
| ■ | PROPOSED SIDEWALK | ■ | HOT-MIX ASPHALT SURFACE COURSE, |
| | | ■ | IL-9.5, MIX D, N70 |
| | | ■ | PAVEMENT REMOVAL |



CERMAK ROAD



2496

2497

	STATION	OFFSET	ELEVATION
A	2496+08.90	31.99 R	(605.11)
B	2496+08.53	60 R	(605.03)
C	2496+13.53	45.67 R	605.35
D	2496+18.53	45.67 R	605.30
E	2496+13.53	41.67 R	604.65
F	2496+18.53	41.67 R	604.65
G	2496+13.53	37.67 R	605.12
H	2496+21.53	39.73 R	605.35
I	2496+19.54	36.43 R	605.01
J	2496+18.53	37.67 R	605.05
K	2496+18.53	35.82 R	605.03
L	2496+13.53	35.13 R	605.10
M	2496+13.53	33.43 R	605.08
N	2496+09.07	33.66 R	605.49
Q	2496+18.53	49 R	605.21
R	2496+18.53	54 R	605.16
S	2496+23.53	54 R	605.11
T	2496+23.53	49 R	605.16
U	2496+29.87	54 R	604.81
V	2496+33.62	57.54 R	605.01
W	2496+35.78	59.68 R	(604.79)
X	2496+32.40	54 R	604.79
Y	2496+34.10	54 R	604.77
Z	2496+31.71	49 R	604.84
AA	2496+31.40	48.48 R	604.85
BB	2496+29.87	49 R	604.86
CC	2496+27.80	46 R	605.16
FF	2496+34.31	54.55 R	604.77

	STATION	OFFSET	ELEVATION
A	2496+87.50	59.89 R	(604.88)
B	2496+82.50	54.89 R	604.70
C	2496+82.50	49.89 R	604.75
D	2496+77.50	49.89 R	604.65
E	2496+82.50	44.14 R	604.93
F	2496+86.78	34.87 R	(604.96)
G	2496+85.50	37.4 R	605.06
H	2496+83.03	37.11 R	604.90
I	2496+82.50	37.47 R	604.88
J	2496+82.50	39.44 R	604.90
K	2496+77.50	41.79 R	604.86
N	2496+77.01	42.32 R	604.83
O	2496+77.50	44.14 R	604.88
P	2496+76.12	45.85 R	604.93
Q	2496+73.50	49.89 R	604.45
R	2496+71.97	49.41 R	604.45
S	2496+77.50	54.89 R	604.60
T	2496+73.50	54.89 R	604.40
U	2496+68.37	59.6 R	(604.25)
V	2496+70.36	57.89 R	604.60
W	2496+69.44	55.35 R	604.34
X	2496+69.59	54.89 R	604.36
Y	2496+71.27	54.89 R	604.38
Z	2496+71.71	49.89 R	604.43

50TH AVE.

MODEL: 4MODEL.NAMES
FILE NAME: D:\EGN39\9th-ADA-02.dgn

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

USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - MS, MA
DRAWN - MS, MA, MD, SR
CHECKED - JR, AS
DATE - 11/08/2024

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & 49TH AVENUE**

SCALE: 1"=5'

SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA

TO STA. NA

F.A.P.
R.T.E.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

771

2020-266-SUR, SW & TS

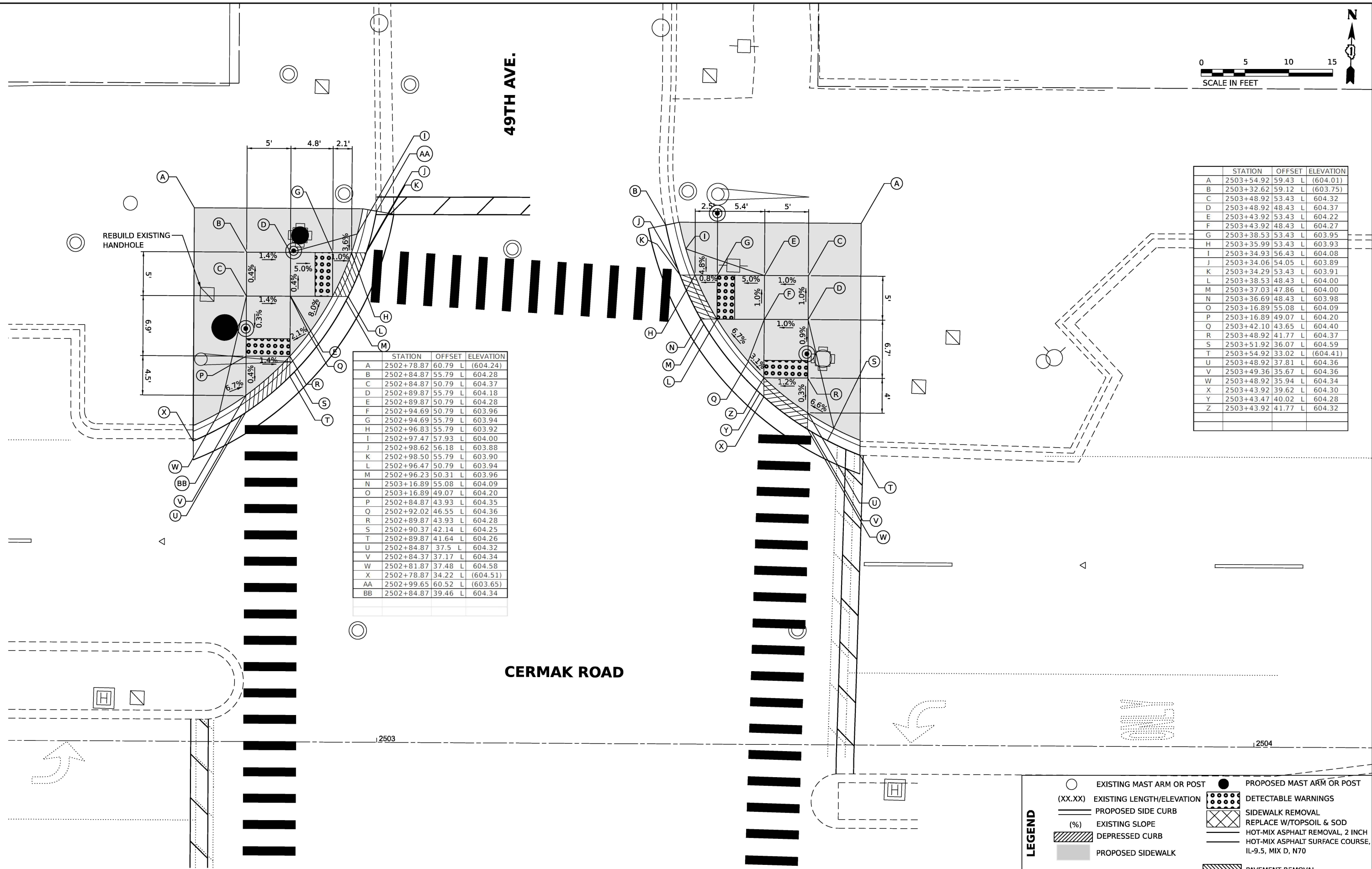
COOK, DUPAGE

492

107

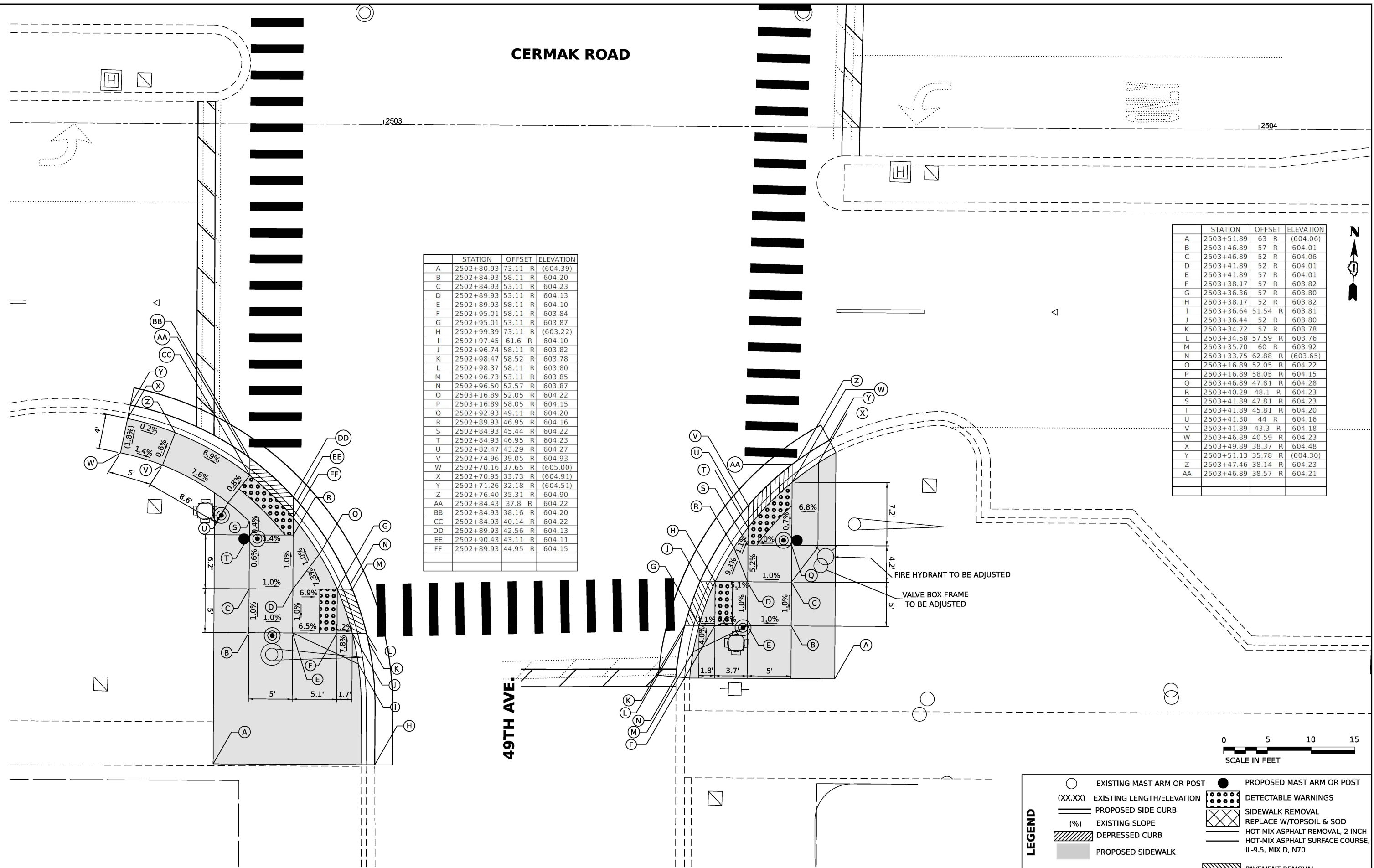
CONTRACT NO. 62N39

ILLINOIS | FED. AID PROJECT



	STATION	OFFSET	ELEVATION
A	2503+54.92	59.43 L	(604.01)
B	2503+32.62	59.12 L	(603.75)
C	2503+48.92	53.43 L	604.32
D	2503+48.92	48.43 L	604.37
E	2503+43.92	53.43 L	604.22
F	2503+43.92	48.43 L	604.27
G	2503+38.53	53.43 L	603.95
H	2503+35.99	53.43 L	603.93
I	2503+34.93	56.43 L	604.08
J	2503+34.06	54.05 L	603.89
K	2503+34.29	53.43 L	603.91
L	2503+38.53	48.43 L	604.00
M	2503+37.03	47.86 L	604.00
N	2503+36.69	48.43 L	603.98
O	2503+16.89	55.08 L	604.09
P	2503+16.89	49.07 L	604.20
Q	2503+42.10	43.65 L	604.40
R	2503+48.92	41.77 L	604.37
S	2503+51.92	36.07 L	604.59
T	2503+54.92	33.02 L	(604.41)
U	2503+48.92	37.81 L	604.36
V	2503+49.36	35.67 L	604.36
W	2503+48.92	35.94 L	604.34
X	2503+43.92	39.62 L	604.30
Y	2503+43.47	40.02 L	604.28
Z	2503+43.92	41.77 L	604.32

LEGEND		EXISTING MAST ARM OR POST		PROPOSED MAST ARM OR POST
	(XX.XX)	EXISTING LENGTH/ELEVATION		DETECTABLE WARNINGS
		PROPOSED SIDE CURB		SIDEWALK REMOVAL
	(%)	EXISTING SLOPE		REPLACE W/TOPSOIL & SOD
		DEPRESSED CURB		HOT-MIX ASPHALT REMOVAL, 2 INCH
		PROPOSED SIDEWALK		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70
				PAVEMENT REMOVAL



	STATION	OFFSET	ELEVATION
A	2502+80.93	73.11 R	604.39
B	2502+84.93	58.11 R	604.20
C	2502+84.93	53.11 R	604.23
D	2502+89.93	53.11 R	604.13
E	2502+89.93	58.11 R	604.10
F	2502+95.01	58.11 R	603.84
G	2502+95.01	53.11 R	603.87
H	2502+99.39	73.11 R	(603.22)
I	2502+97.45	61.6 R	604.10
J	2502+96.74	58.11 R	603.82
K	2502+98.47	58.52 R	603.78
L	2502+98.37	58.11 R	603.80
M	2502+96.73	53.11 R	603.85
N	2502+96.50	52.57 R	603.87
O	2503+16.89	52.05 R	604.22
P	2503+16.89	58.05 R	604.15
Q	2502+92.93	49.11 R	604.20
R	2502+89.93	46.95 R	604.16
S	2502+84.93	45.44 R	604.22
T	2502+84.93	46.95 R	604.23
U	2502+82.47	43.29 R	604.27
V	2502+74.96	39.05 R	604.93
W	2502+70.16	37.65 R	(605.00)
X	2502+70.95	33.73 R	(604.91)
Y	2502+71.26	32.18 R	(604.51)
Z	2502+76.40	35.31 R	604.90
AA	2502+84.43	37.8 R	604.22
BB	2502+84.93	38.16 R	604.20
CC	2502+84.93	40.14 R	604.22
DD	2502+89.93	42.56 R	604.13
EE	2502+90.43	43.11 R	604.11
FF	2502+89.93	44.95 R	604.15

	STATION	OFFSET	ELEVATION
A	2503+51.89	63 R	(604.06)
B	2503+46.89	57 R	604.01
C	2503+46.89	52 R	604.06
D	2503+41.89	52 R	604.01
E	2503+41.89	57 R	604.01
F	2503+38.17	57 R	603.82
G	2503+36.36	57 R	603.80
H	2503+38.17	52 R	603.82
I	2503+36.64	51.54 R	603.81
J	2503+36.44	52 R	603.80
K	2503+34.72	57 R	603.78
L	2503+34.58	57.59 R	603.76
M	2503+35.70	60 R	603.92
N	2503+33.75	62.88 R	(603.65)
O	2503+16.89	52.05 R	604.22
P	2503+16.89	58.05 R	604.15
Q	2503+46.89	47.81 R	604.28
R	2503+40.29	48.1 R	604.23
S	2503+41.89	47.81 R	604.23
T	2503+41.89	45.81 R	604.20
U	2503+41.30	44 R	604.16
V	2503+41.89	43.3 R	604.18
W	2503+46.89	40.59 R	604.23
X	2503+49.89	38.37 R	604.48
Y	2503+51.13	35.78 R	(604.30)
Z	2503+47.46	38.14 R	604.23
AA	2503+46.89	38.57 R	604.21

MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-ADA-02.dgn

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

USER NAME = msomer	DESIGNED - MS, MA	REVISED -
	DRAWN - MS, MA, MD, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JR, AS	REVISED -
PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

22ND STREET/CERMAK ROAD – ADA
CERMAK ROAD /22ND STREET & 49TH AVENUE

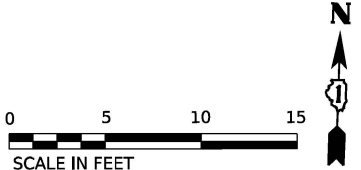
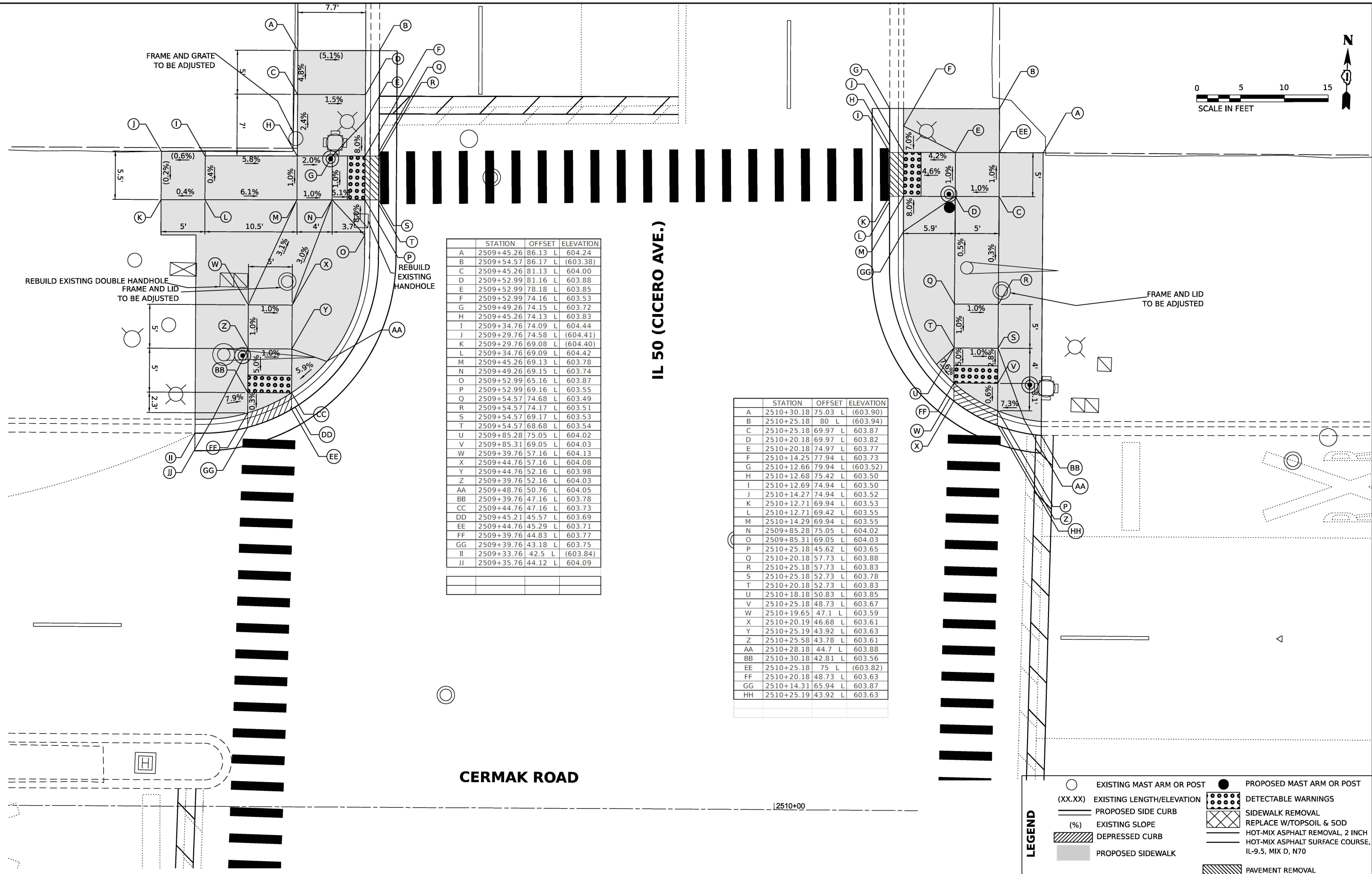
SCALE: 1"=5'	SHEET#ADAP1 OF\$ADAT	SHEETS	STA. NA	TO STA. NA
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F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	108
		CONTRACT NO. 62N39		
ILLINOIS		FED. AID PROJECT		

	EXISTING MAST ARM OR POST		PROPOSED MAST ARM OR POST
(XX.XX)	EXISTING LENGTH/ELEVATION		DETECTABLE WARNINGS
	PROPOSED SIDE CURB		SIDEWALK REMOVAL
(%)	EXISTING SLOPE		REPLACE W/TOPSOIL & SOD
	DEPRESSED CURB		HOT-MIX ASPHALT REMOVAL, 2 INCH
	PROPOSED SIDEWALK		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70
			PAVEMENT REMOVAL

LEGEND

MODEL: 4MODEL.NAMES
FILE NAME: D:\EGN399-rt-ADA-02.dgn



	STATION	OFFSET	ELEVATION
A	2509+45.26	86.13 L	604.24
B	2509+54.57	86.17 L	(603.38)
C	2509+45.26	81.13 L	604.00
D	2509+52.99	81.16 L	603.88
E	2509+52.99	78.18 L	603.85
F	2509+52.99	74.16 L	603.53
G	2509+49.26	74.15 L	603.72
H	2509+45.26	74.13 L	603.83
I	2509+34.76	74.09 L	604.44
J	2509+29.76	74.58 L	(604.41)
K	2509+29.76	69.08 L	(604.40)
L	2509+34.76	69.09 L	604.42
M	2509+45.26	69.13 L	603.78
N	2509+49.26	69.15 L	603.74
O	2509+52.99	65.16 L	603.87
P	2509+52.99	69.16 L	603.55
Q	2509+54.57	74.68 L	603.49
R	2509+54.57	74.17 L	603.51
S	2509+54.57	69.17 L	603.53
T	2509+54.57	68.68 L	603.54
U	2509+85.28	75.05 L	604.02
V	2509+85.31	69.05 L	604.03
W	2509+39.76	57.16 L	604.13
X	2509+44.76	57.16 L	604.08
Y	2509+44.76	52.16 L	603.98
Z	2509+39.76	52.16 L	604.03
AA	2509+48.76	50.76 L	604.05
BB	2509+39.76	47.16 L	603.78
CC	2509+44.76	47.16 L	603.73
DD	2509+45.21	45.57 L	603.69
EE	2509+44.76	45.29 L	603.71
FF	2509+39.76	44.83 L	603.77
GG	2509+39.76	43.18 L	603.75
II	2509+33.76	42.5 L	(603.84)
JJ	2509+35.76	44.12 L	604.09

	STATION	OFFSET	ELEVATION
A	2510+30.18	75.03 L	(603.90)
B	2510+25.18	80 L	(603.94)
C	2510+25.18	69.97 L	603.87
D	2510+20.18	69.97 L	603.82
E	2510+20.18	74.97 L	603.77
F	2510+14.25	77.94 L	603.73
G	2510+12.66	79.94 L	(603.52)
H	2510+12.68	75.42 L	603.50
I	2510+12.69	74.94 L	603.50
J	2510+14.27	74.94 L	603.52
K	2510+12.71	69.94 L	603.53
L	2510+12.71	69.42 L	603.55
M	2510+14.29	69.94 L	603.55
N	2509+85.28	75.05 L	604.02
O	2509+85.31	69.05 L	604.03
P	2510+25.18	45.62 L	603.65
Q	2510+20.18	57.73 L	603.88
R	2510+25.18	57.73 L	603.83
S	2510+25.18	52.73 L	603.78
T	2510+20.18	52.73 L	603.83
U	2510+18.18	50.83 L	603.85
V	2510+25.18	48.73 L	603.67
W	2510+19.65	47.1 L	603.59
X	2510+20.19	46.68 L	603.61
Y	2510+25.19	43.92 L	603.63
Z	2510+25.58	43.78 L	603.61
AA	2510+28.18	44.7 L	603.88
BB	2510+30.18	42.81 L	603.56
EE	2510+25.18	75 L	(603.82)
FF	2510+20.18	48.73 L	603.63
GG	2510+14.31	65.94 L	603.87
HH	2510+25.19	43.92 L	603.63

EXISTING MAST ARM OR POST (XX.XX)	EXISTING LENGTH/ELEVATION	PROPOSED SIDE CURB	EXISTING SLOPE (%)	DEPRESSED CURB	PROPOSED SIDEWALK
PROPOSED MAST ARM OR POST	DETECTABLE WARNINGS	SIDEWALK REMOVAL	REPLACE W/TOPSOIL & SOD	HOT-MIX ASPHALT REMOVAL, 2 INCH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70
					PAVEMENT REMOVAL

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

USER NAME = msonier	DESIGNED - MS, MA	REVISED -
	DRAWN - MS, MA, MD, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JR, AS	REVISED -
PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & CICERO AVENUE (IL-50)

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	109

CONTRACT NO. 62N39

ILLINOIS FED. AID PROJECT

SCALE: 1"=5'

SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA TO STA. NA

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

USER NAME = msonier	DESIGNED - MS, MA	REVISED -
	DRAWN - MS, MA, MD, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JR, AS	REVISED -
PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & CICERO AVENUE (IL-50)

SCALE: 1"=5'

SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA TO STA. NA

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	109

CONTRACT NO. 62N39

ILLINOIS FED. AID PROJECT

MODEL: 4MODELNAME
FILE NAME: D:\EGN399-rt-ADA-02.dgn



USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - MS, MA
DRAWN - MS, MA, MD, SR
CHECKED - JR, AS
DATE - 11/08/2024

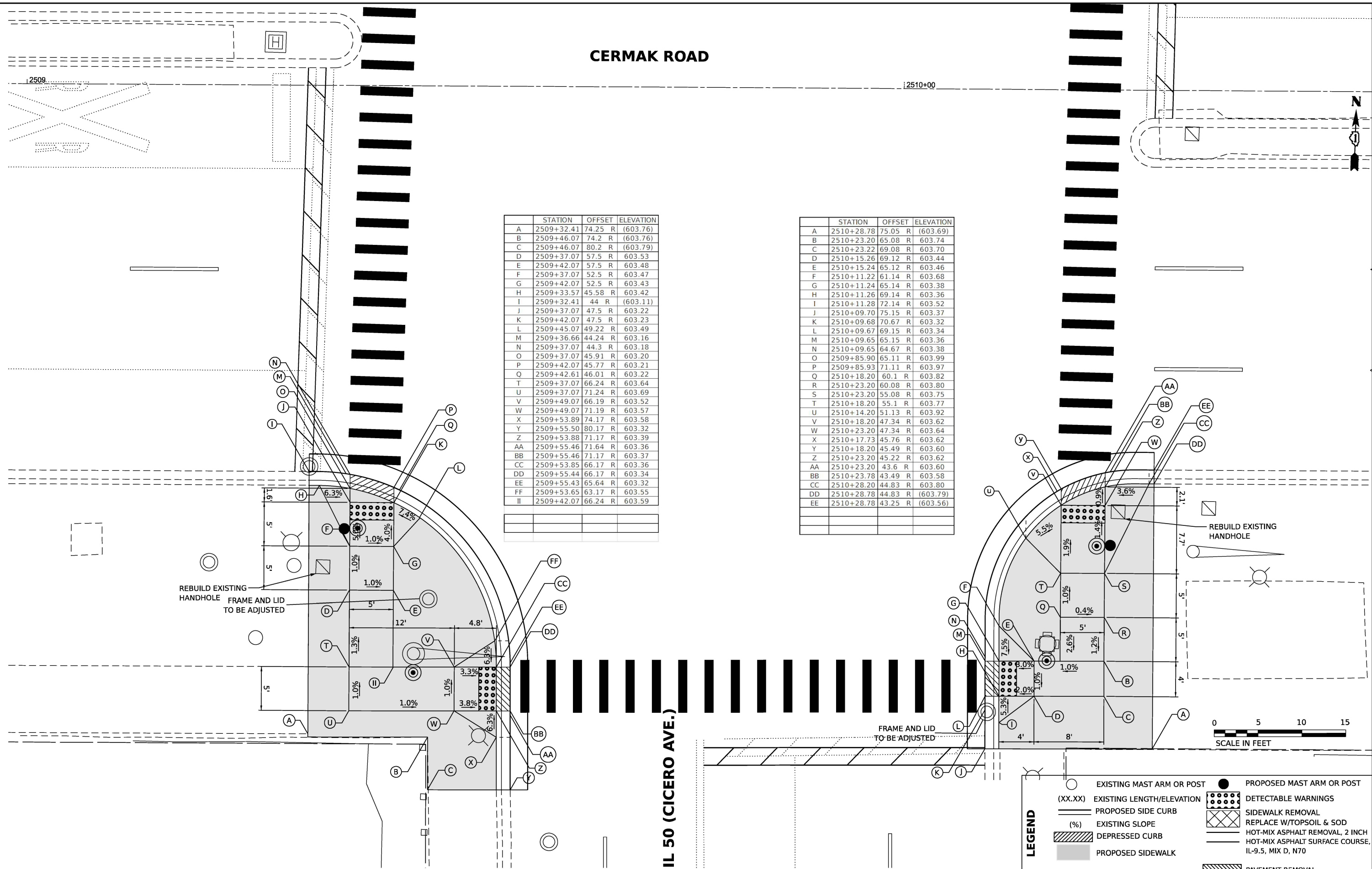
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22ND STREET/CERMAK ROAD - ADA
CERMAK ROAD /22ND STREET & CICERO AVENUE (IL-50)

SCALE: 1"=5'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	110
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	2509+32.41	74.25 R	(603.76)
B	2509+46.07	74.2 R	(603.76)
C	2509+46.07	80.2 R	(603.79)
D	2509+37.07	57.5 R	603.53
E	2509+42.07	57.5 R	603.48
F	2509+37.07	52.5 R	603.47
G	2509+42.07	52.5 R	603.43
H	2509+33.57	45.58 R	603.42
I	2509+32.41	44 R	(603.11)
J	2509+37.07	47.5 R	603.22
K	2509+42.07	47.5 R	603.23
L	2509+45.07	49.22 R	603.49
M	2509+36.66	44.24 R	603.16
N	2509+37.07	44.3 R	603.18
O	2509+37.07	45.91 R	603.20
P	2509+42.07	45.77 R	603.21
Q	2509+42.61	46.01 R	603.22
T	2509+37.07	66.24 R	603.64
U	2509+37.07	71.24 R	603.69
V	2509+49.07	66.19 R	603.52
W	2509+49.07	71.19 R	603.57
X	2509+53.89	74.17 R	603.58
Y	2509+55.50	80.17 R	603.32
Z	2509+53.88	71.17 R	603.39
AA	2509+55.46	71.64 R	603.36
BB	2509+55.46	71.17 R	603.37
CC	2509+53.85	66.17 R	603.36
DD	2509+55.44	66.17 R	603.34
EE	2509+55.43	65.64 R	603.32
FF	2509+53.65	63.17 R	603.55
II	2509+42.07	66.24 R	603.59

	STATION	OFFSET	ELEVATION
A	2510+28.78	75.05 R	(603.69)
B	2510+23.20	65.08 R	603.74
C	2510+23.22	69.08 R	603.70
D	2510+15.26	69.12 R	603.44
E	2510+15.24	65.12 R	603.46
F	2510+11.22	61.14 R	603.68
G	2510+11.24	65.14 R	603.38
H	2510+11.26	69.14 R	603.36
I	2510+11.28	72.14 R	603.52
J	2510+09.70	75.15 R	603.37
K	2510+09.68	70.67 R	603.32
L	2510+09.67	69.15 R	603.34
M	2510+09.65	65.15 R	603.36
N	2510+09.65	64.67 R	603.38
O	2509+85.90	65.11 R	603.99
P	2509+85.93	71.11 R	603.97
Q	2510+18.20	60.1 R	603.82
R	2510+23.20	60.08 R	603.80
S	2510+23.20	55.08 R	603.75
T	2510+18.20	55.1 R	603.77
U	2510+14.20	51.13 R	603.92
V	2510+18.20	47.34 R	603.62
W	2510+23.20	47.34 R	603.64
X	2510+17.73	45.76 R	603.62
Y	2510+18.20	45.49 R	603.60
Z	2510+23.20	45.22 R	603.62
AA	2510+23.20	43.6 R	603.60
BB	2510+23.78	43.49 R	603.58
CC	2510+28.20	44.83 R	603.80
DD	2510+28.78	44.83 R	(603.79)
EE	2510+28.78	43.25 R	(603.56)

LEGEND

EXISTING MAST ARM OR POST (XX.XX)	EXISTING LENGTH/ELEVATION	PROPOSED MAST ARM OR POST	PROPOSED LENGTH/ELEVATION
PROPOSED SIDE CURB	(%)	DETECTABLE WARNINGS	SIDEWALK REMOVAL
EXISTING SLOPE	DEPRESSED CURB	REPLACE W/TOPSOIL & SOD	HOT-MIX ASPHALT REMOVAL, 2 INCH
PROPOSED SIDEWALK		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N70	PAVEMENT REMOVAL

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



CERMAK ROAD

ENTERPRISE DRIVE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD AND ENTERPRISE DRIVE

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	112
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

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

USER NAME = msomer	DESIGNED - MS, MA	REVISED -
	DRAWN - MS, MA, MD, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -
PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

MODEL: 41MODELNAME\$
FILE NAME: D:\2020\266-SUR\SW & TS\62N39-112-P1.dgn

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



W CORPORATE CTR.

CERMAK ROAD

W CORPORATE CTR.



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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	11/08/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD AND WESTBROOK CORPORATE CENTER

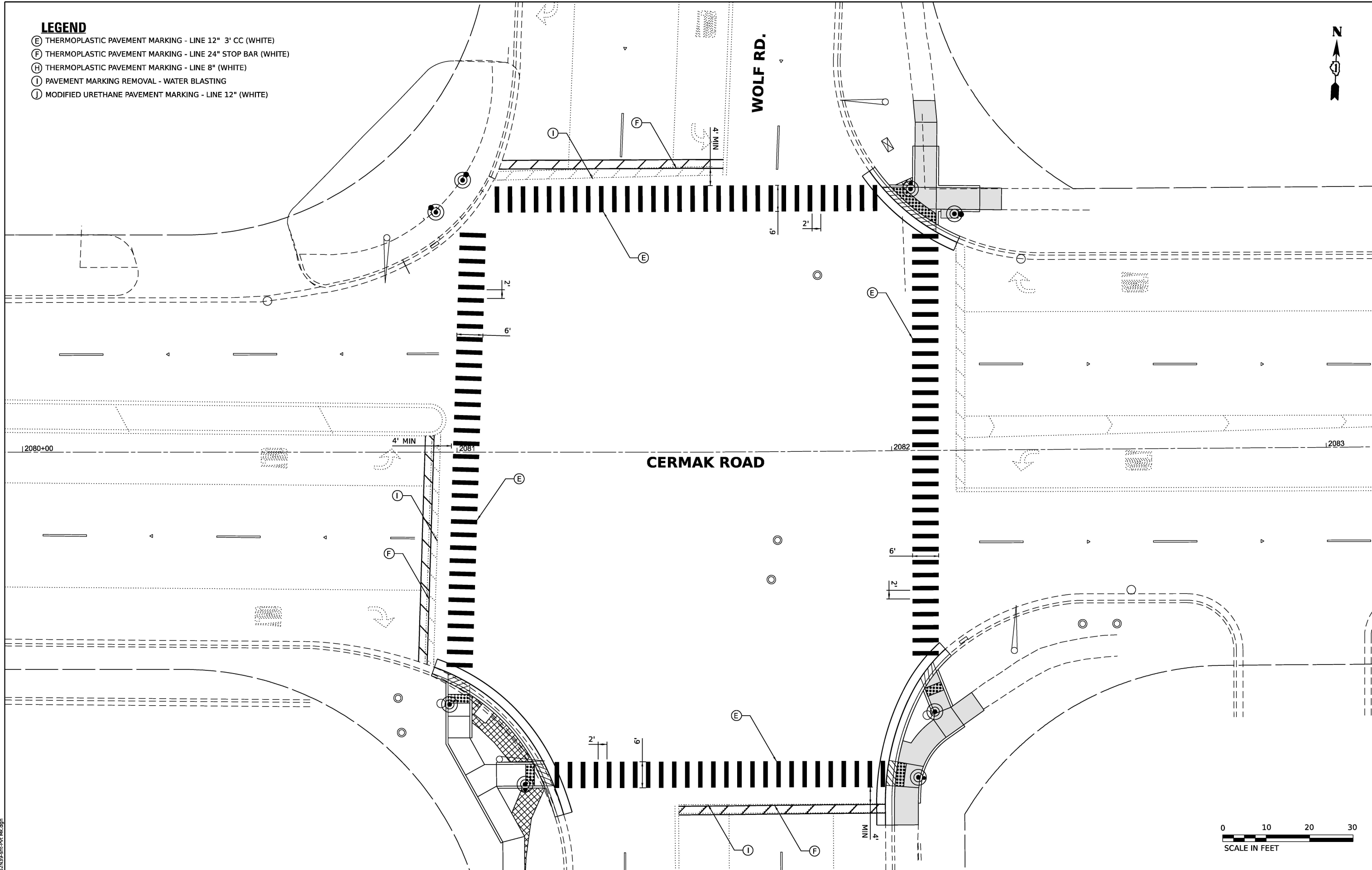
SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	113
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2020-266-SUR\SW & TS\41-113.dgn

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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

USER NAME	= msomer
DESIGNED	- MS, MA
DRAWN	- MS, MA, MD, SR
CHECKED	- JAR, AS
PLOT DATE	= 03/19/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & WOLF ROAD**

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	114
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

MODEL: 41MODEL.MXD
FILE NAME: D:\2020-266-SUR\SW & TS\41-Mk.dgn

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\266-SUR\266-SUR.dgn

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

USER NAME	= msomer
DESIGNED	- MS, MA
DRAWN	- MS, MA, MD, SR
CHECKED	- JAR, AS
DATE	- 11/08/2024
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED	-	MS, MA	REVISED	-
DRAWN	-	MS, MA, MD, SR	REVISED	-
CHECKED	-	JAR, AS	REVISED	-
DATE	-	11/08/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

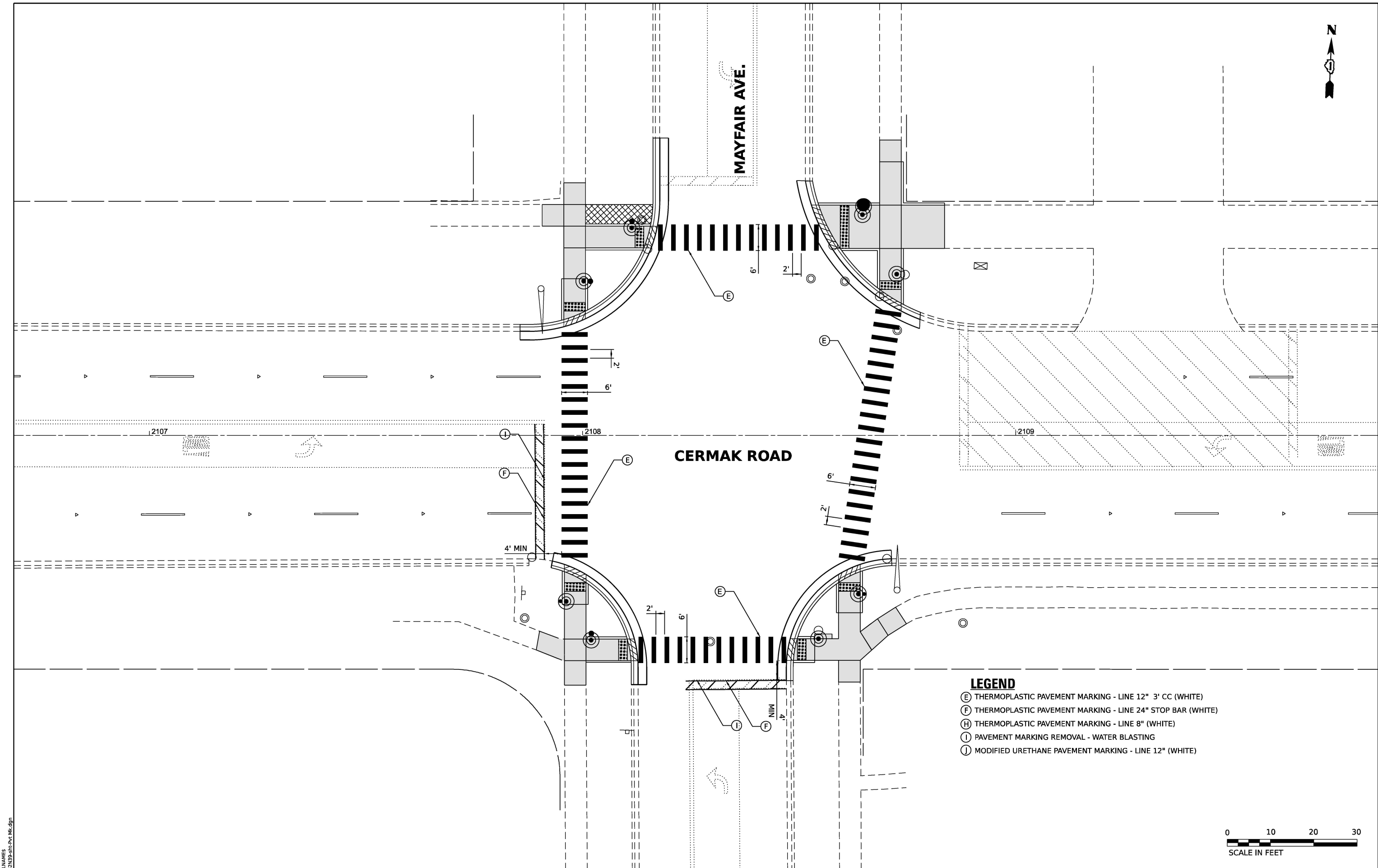
PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & MAYFAIR AVENUE

SCALE: 1"=10'

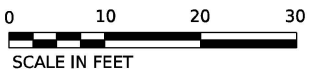
SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA TO STA. NA

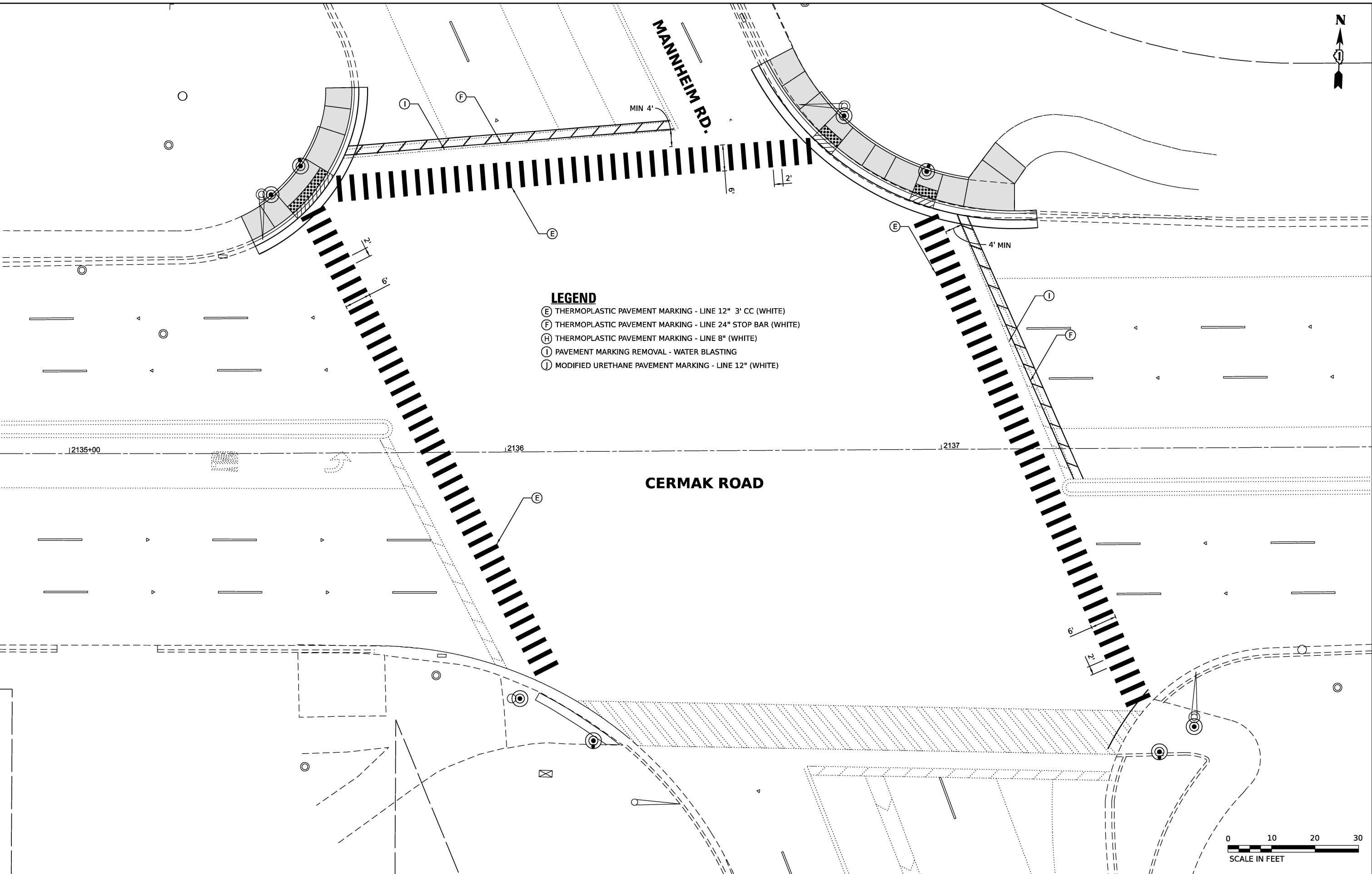
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	115
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



- LEGEND
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



MODEL: 414061.MXD
FILE NAME: D:\2023\266-SUR\SW & TS\266-SUR\SW & TS.dgn



- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

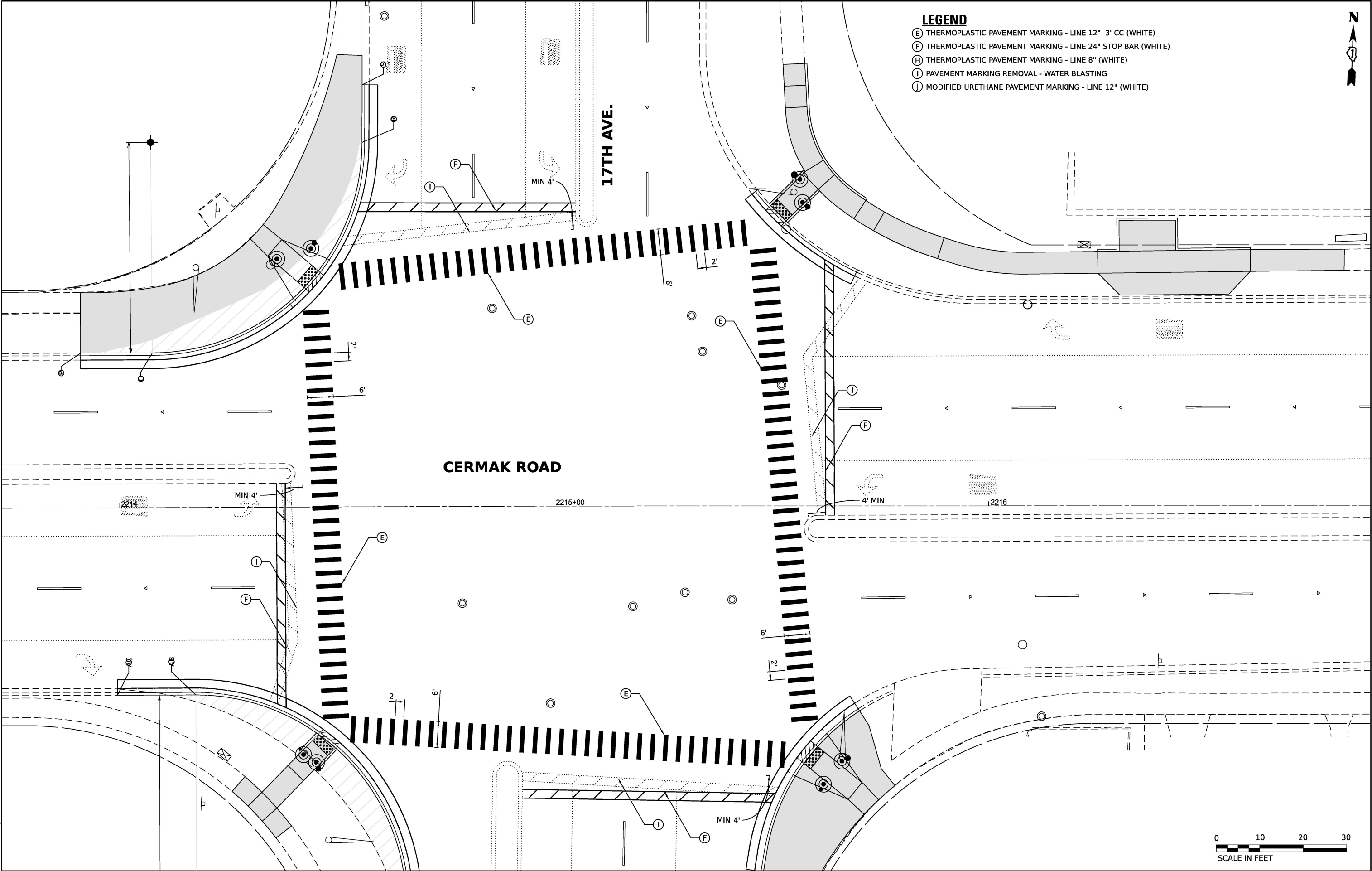
 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -
		DRAWN - MS, MA, MD, SR	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & MANNHEIM ROAD

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	116
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



MODEL: 41MODELNAME
FILE NAME: D:\2023\9-21-23\41-Per-Mk.dgn

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

USER NAME	= msomer
DESIGNED	- MS, MA
DRAWN	- MS, MA, MD, SR
CHECKED	- JAR, AS
PLOT DATE	= 03/19/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

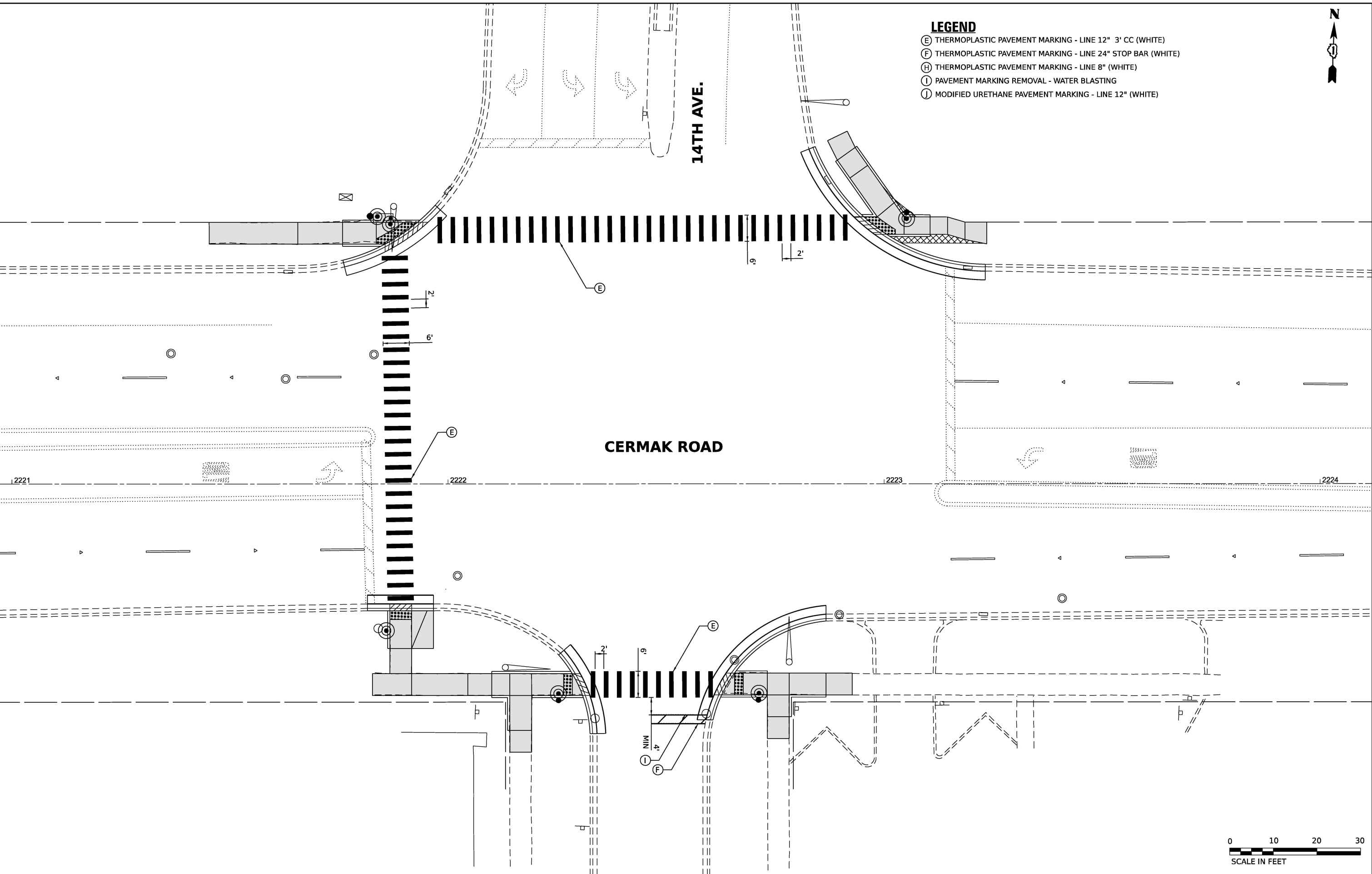
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & 17TH AVENUE

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

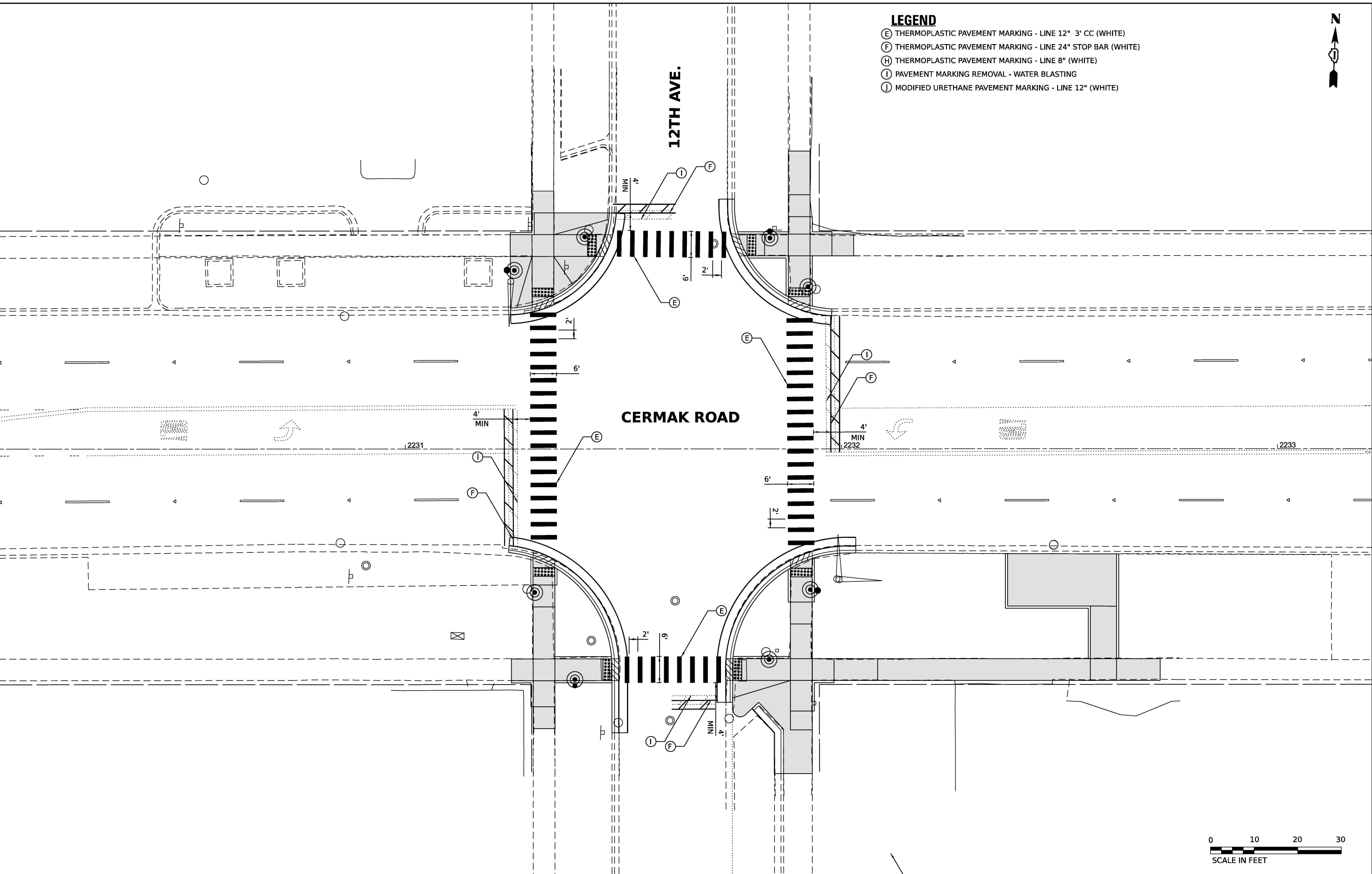
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	117
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2025\266-SUR\SW & TS\41-Per-Mk.dgn



AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer		DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - MS, MA, MD, SR		CHECKED - JAR, AS	REVISED -		CERMAK ROAD / 22ND STREET & 14TH AVENUE			771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	118
	PLOT SCALE = \$SCALE\$		DATE - 11/08/2024	REVISED -		SCALE: 1"=10'			CONTRACT NO. 62N39				
	PLOT DATE = 03/19/2025					SHEET\$ADAP1 OF\$ADAT SHEETS			ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\2023-2024\2023-2024.dgn



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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE	= 11/08/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

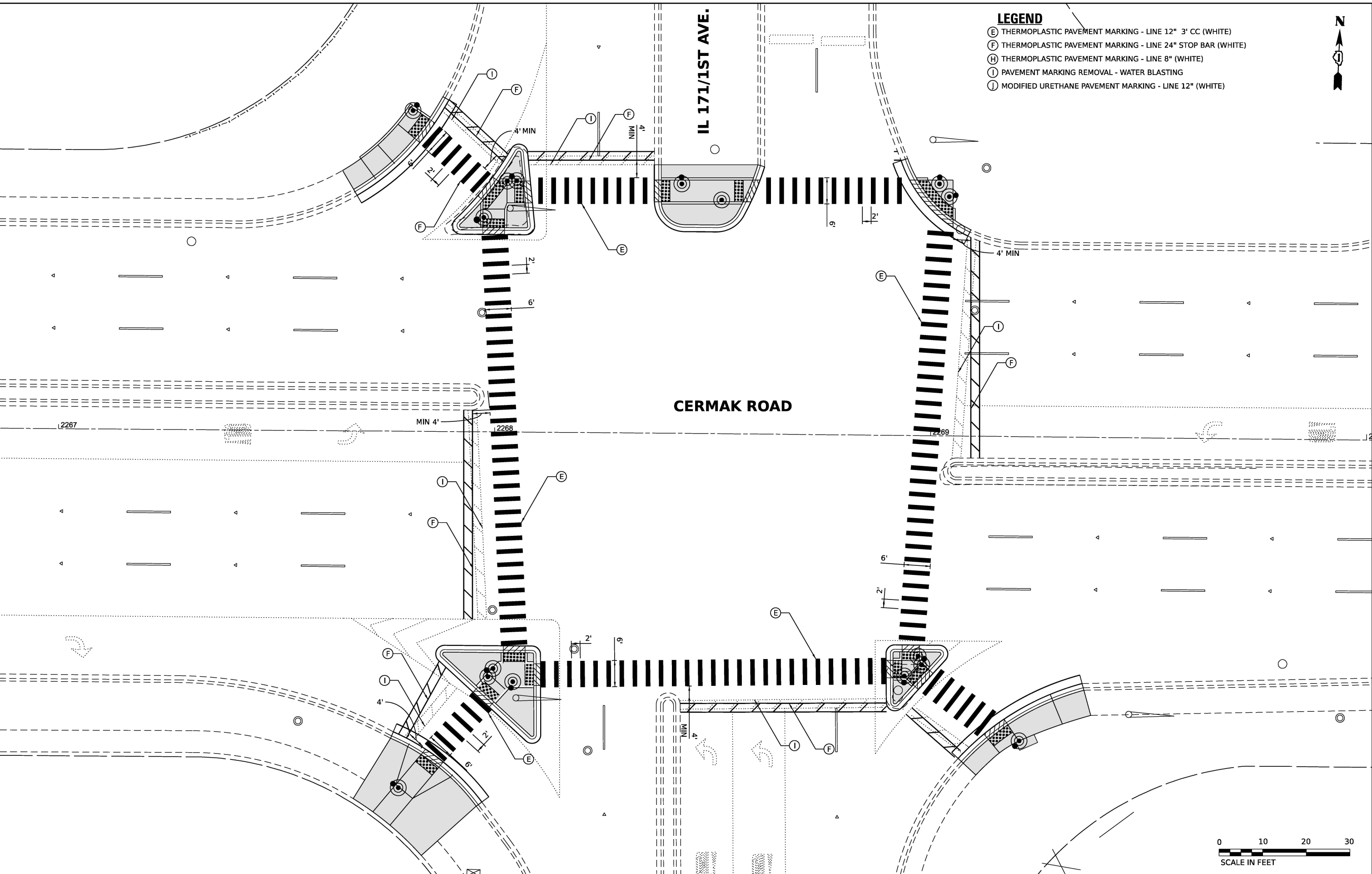
PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & 12TH AVENUE

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	119
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

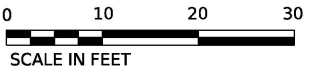


MODEL: 41MODELNAME\$
FILE NAME: D:\2020-266-SUR\2020-266-SUR-11-11-2024.dgn



LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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Downers Grove, IL 60516

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	11/08/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

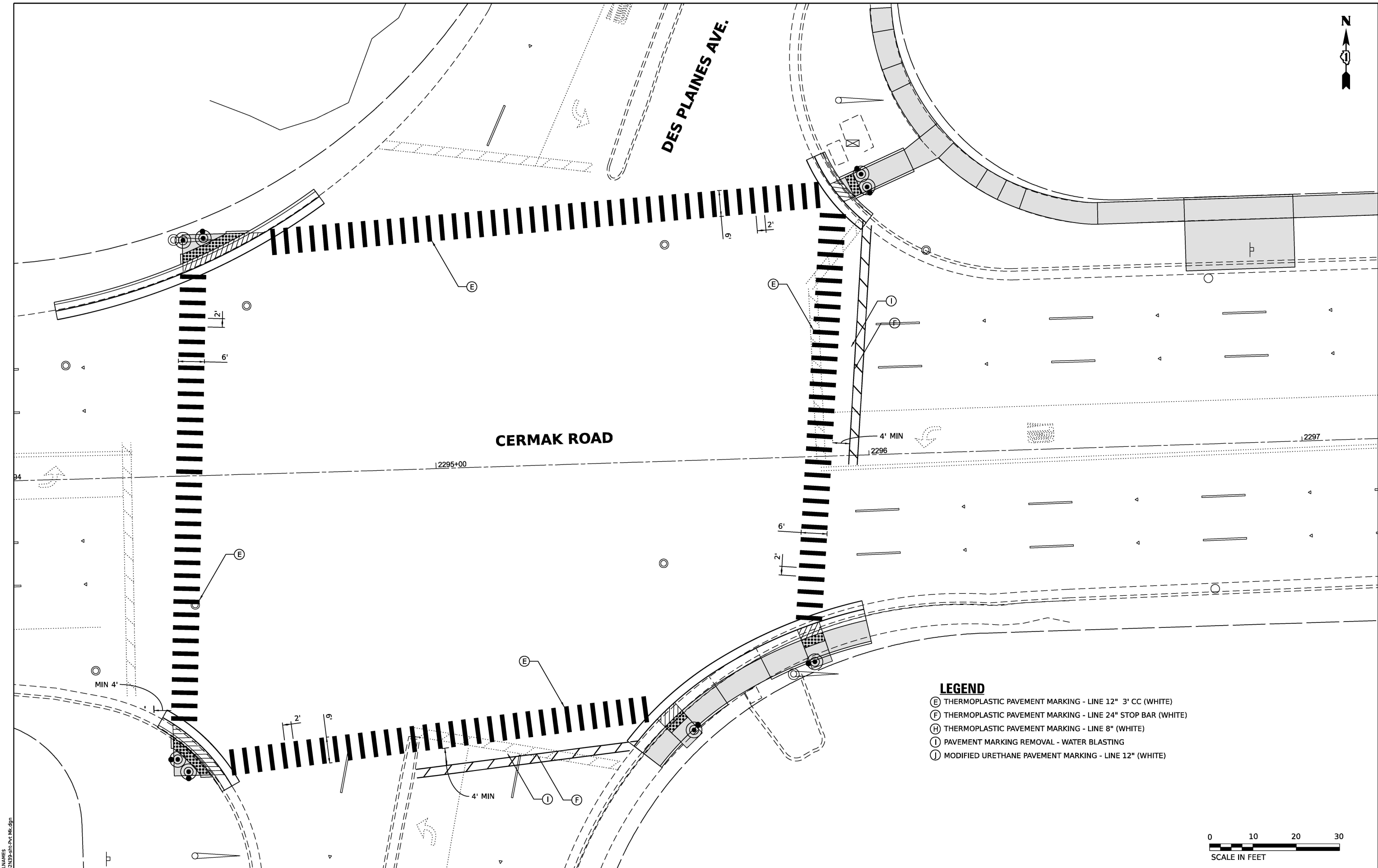
PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & IL-171 (1ST AVENUE)

SCALE: 1"=10'

SHEET\$ADAP1 OF\$ADAT SHEETS

STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	120
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

MODEL: 41MODELNAME
FILE NAME: D:\62N39\62N39-Sub-Pct-Mk.dgn

 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & DES PLAINES AVENUE	F.A.P. RTE. 771	SECTION 2020-266-SUR, SW & TS	COUNTY COOK, DUPAGE	TOTAL SHEETS 492	SHEET NO. 121	
	PLOT SCALE = \$SCALE\$	DRAWN - MS, MA, MD, SR	REVISED -								
	CHECKED - JAR, AS	REVIS	ED -								
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -								
	SCALE: 1"=10'							SHEET\$ADAP1 OF\$ADAT SHEETS		STA. NA TO STA. NA	
CONTRACT NO. 62N39											

CERMAK ROAD

2325+00

2326

2327

RIVERSIDE MALL W

CERMAK ROAD

2329

2330+00

2331

2332

RIVERSIDE MALL EAST

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



AMES Engineering, Inc.
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Downers Grove, IL 60516

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE	= 11/08/2024	REVISED -	

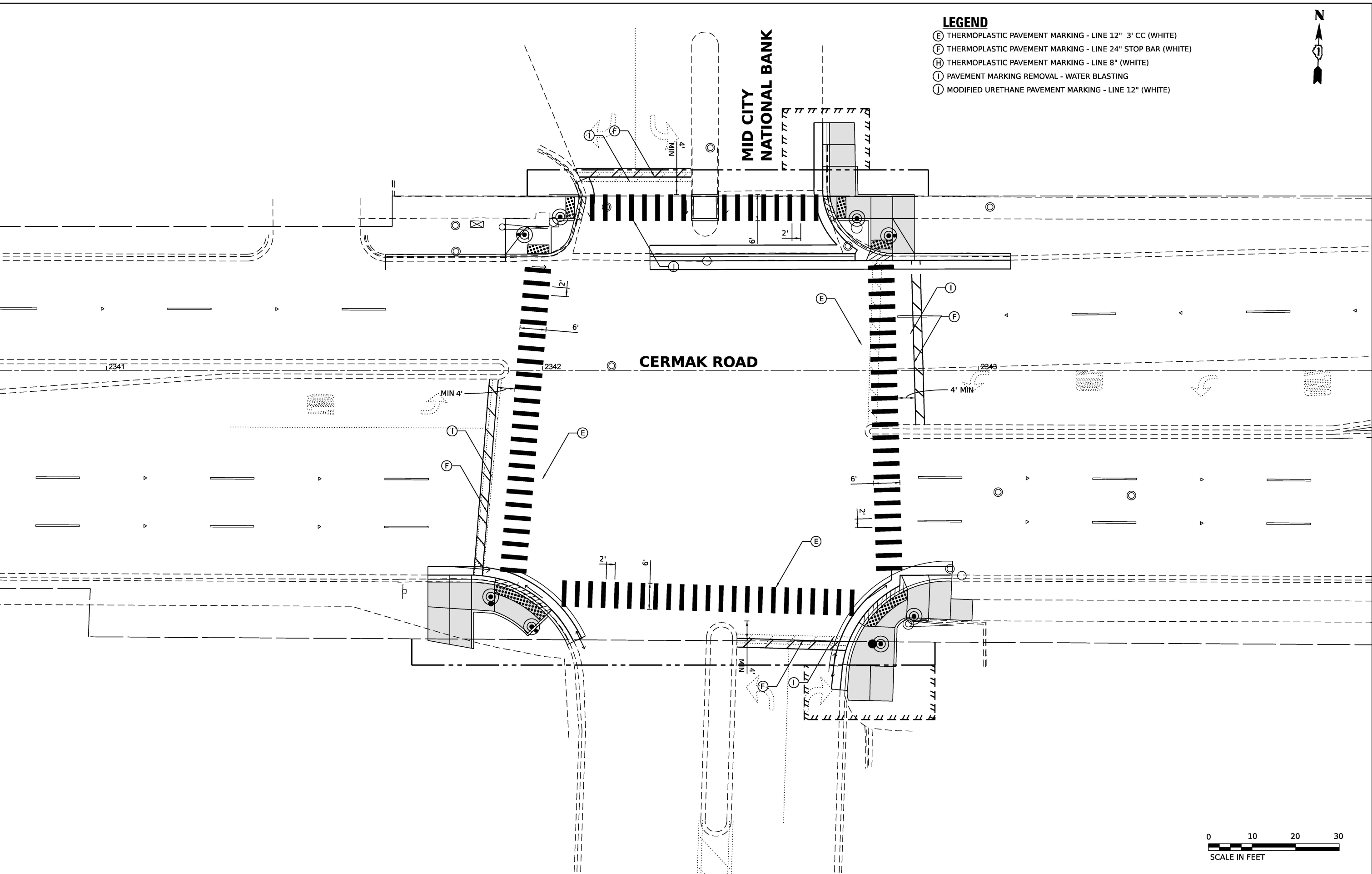
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	122
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\266-SUR\SW & TS\41-Perk-Mid.dgn



LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD AND MID CITY NATIONAL BANK		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN - MS, MA, MD, SR	REVISED -				771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	123
	PLOT DATE = 03/19/2025	CHECKED - JAR, AS	REVISED -				CONTRACT NO. 62N39				
		DATE - 11/08/2024	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: 1"=10'		SHEET\$ADAP1 OF\$ADAT SHEETS	STA. NA	TO STA. NA			

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (1) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (1) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



WENONAH AVE.

CERMAK ROAD

(E)

(1)

(F)

4' MIN

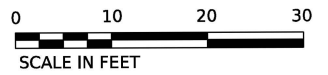
6'

2'

(E)

2'

6'



MODEL: \$MODELNAME\$
FILE NAME: D:\62N39-SPC-PY\WK.dgn

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

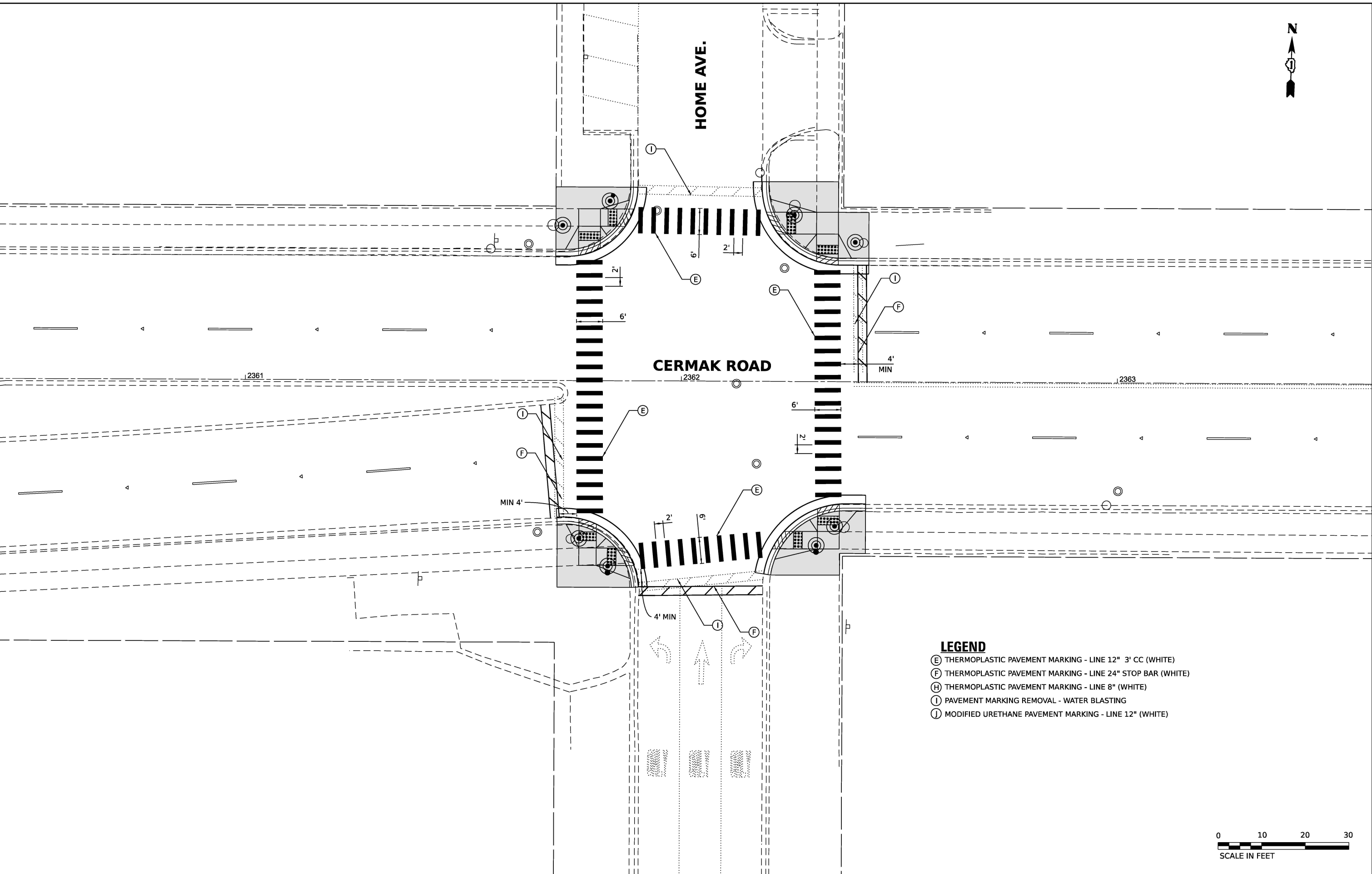
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PLOT DATE	= 03/19/2025	DATE	- 11/08/2024	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS			
CERMAK ROAD /22ND STREET & WENONAH AVENUE			
SCALE: 1"=10'	SHEET\$ADAP1	OF\$ADAT	SHEETS
STA. NA	TO STA. NA		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	124
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\266-SUR\266-SUR-Mark.dgn



- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer		DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & HOME AVENUE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - MS, MA, MD, SR		CHECKED - JAR, AS	REVISED -		SCALE: 1"=10'			771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	125
	PLOT SCALE = \$SCALE\$		DATE - 11/08/2024	REVISED -		SHEET\$ADAP1 OF\$ADAT SHEETS			CONTRACT NO. 62N39				
	PLOT DATE = 03/19/2025					STA. NA TO STA. NA			ILLINOIS FED. AID PROJECT				



OAK PARK AVE.

CERMAK ROAD

LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & OAK PARK AVENUE**

SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	126
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

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

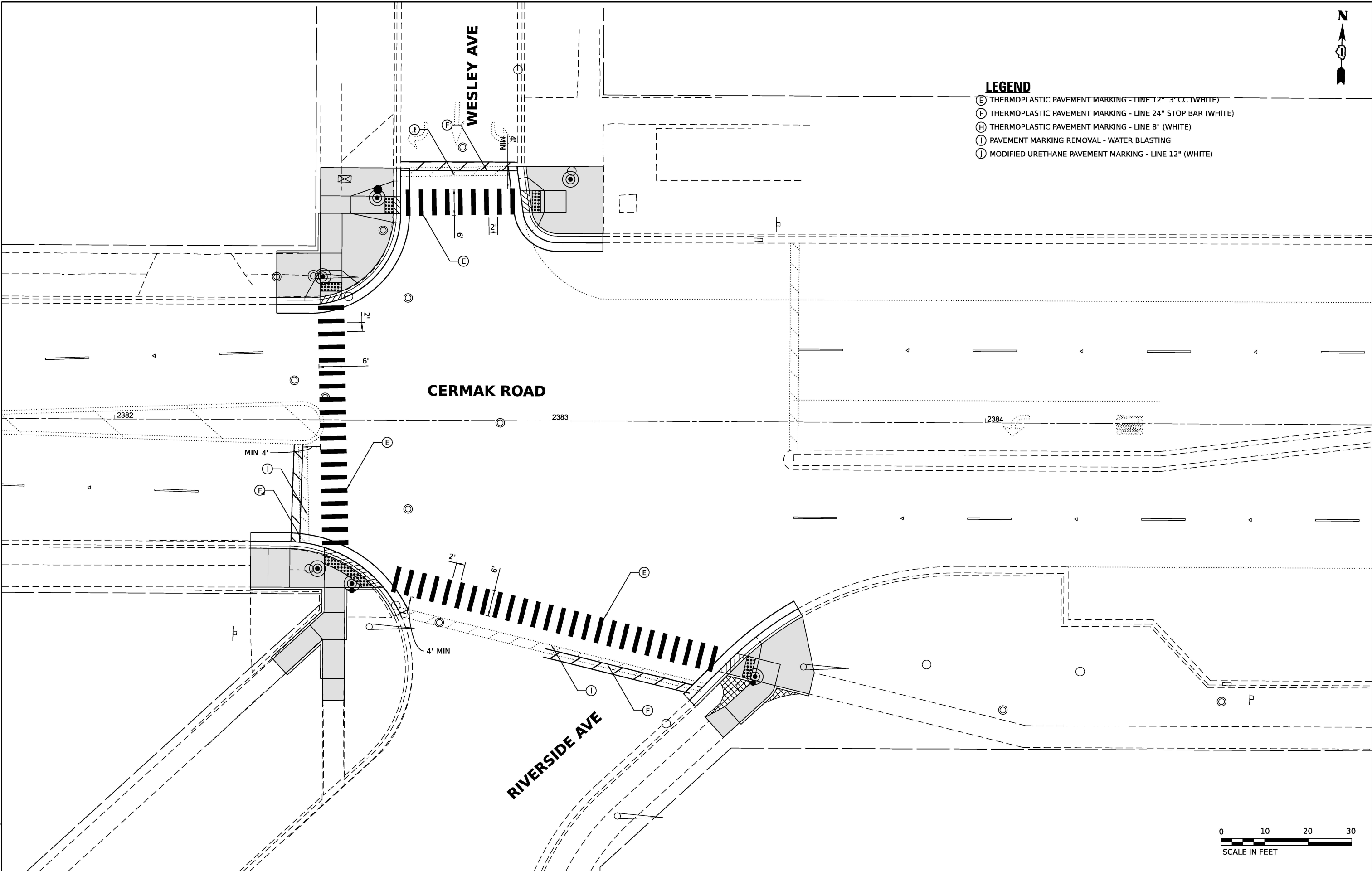
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		DRAWN	- MS, MA, MD, SR	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	- JAR, AS	REVISED	-
PLOT DATE	= 03/19/2025	DATE	- 11/08/2024	REVISED	-

MODEL: 41MODELNAME\$
FILE NAME: D:\2020\266-SUR\SW & TS\41-126.dgn



LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3" CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



MODEL: 41MODELNAME\$
FILE NAME: D:\2020\2020-266-SUR\SW & TS\41-Perk-Mk.dgn

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

USER NAME	= msomer
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED -	MS, MA
DRAWN -	MS, MA, MD, SR
CHECKED -	JAR, AS
DATE -	11/08/2024

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS			
CERMAK ROAD /22ND STREET & WESLEY AVENUE /RIVERSIDE AVENUE			
SCALE: 1"=10'	SHEET\$ADAP1	OF\$ADAT	SHEETS
STA. NA	TO STA. NA		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	127
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

EAST AVE.

CERMAK ROAD



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
CERMAK ROAD / 22ND STREET & EAST AVENUE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	128
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

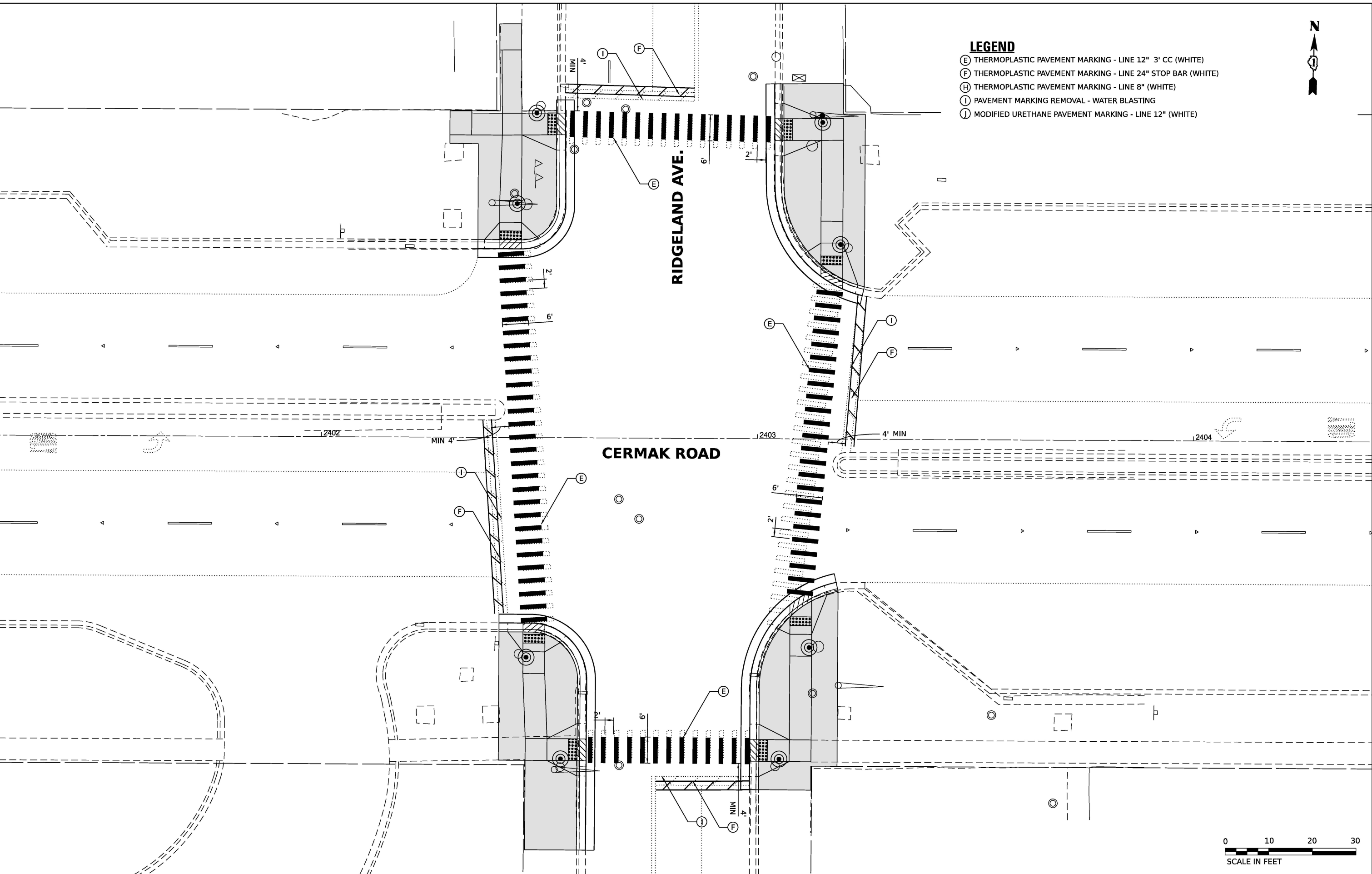
SCALE: 1"=10' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

USER NAME = msomer	DESIGNED - MS, MA	REVISED -
	DRAWN - MS, MA, MD, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -
PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

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

MODEL: 41MODELNAME\$
FILE NAME: D:\2020-266-SUR\SW & TS\62N39-128-P1.dgn

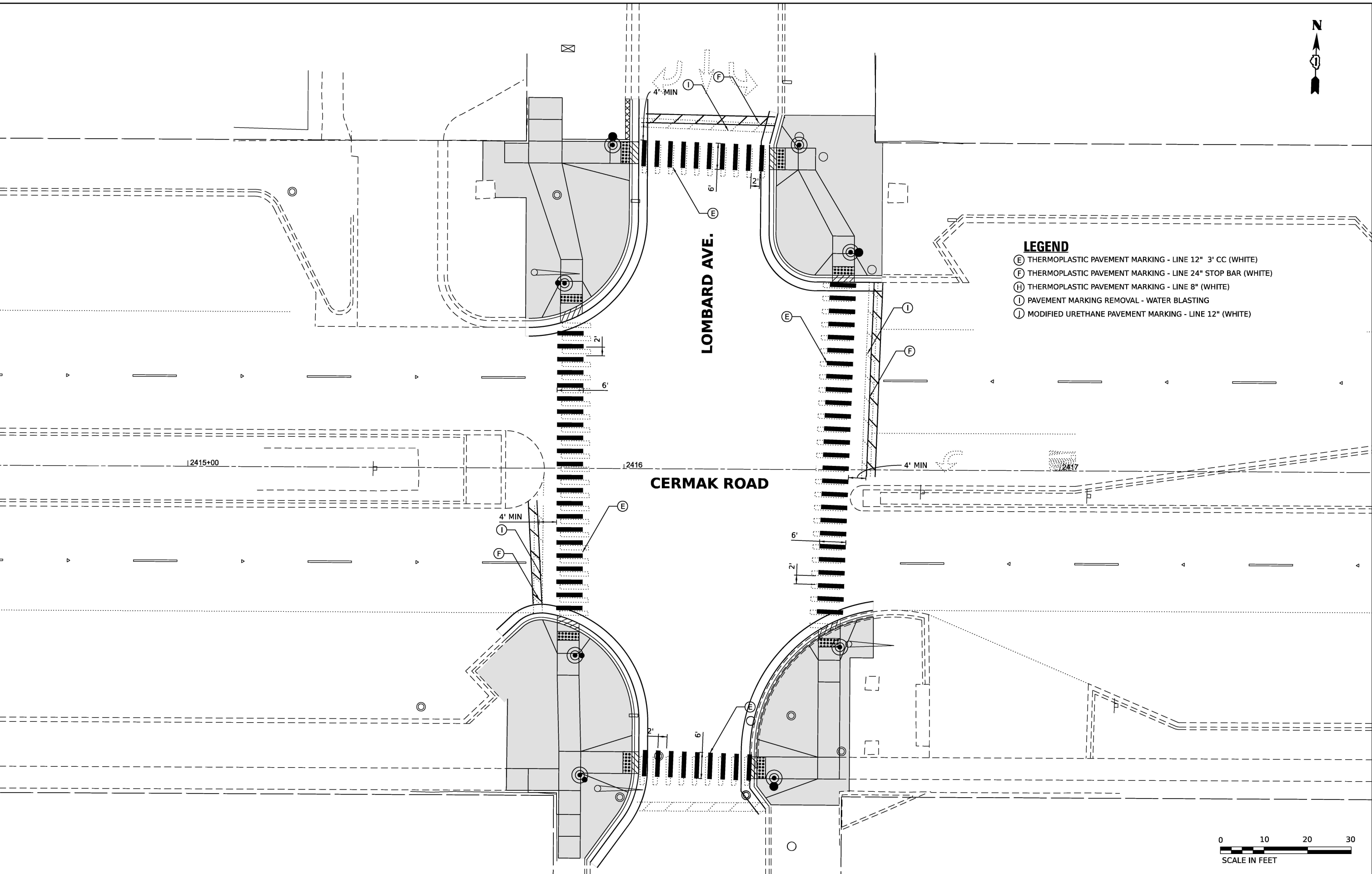
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- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (J) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer		DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & RIDGELAND AVENUE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - MS, MA, MD, SR		CHECKED - JAR, AS	REVISED -		SCALE: 1"=10'		771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	129
	PLOT SCALE = \$SCALE\$		DATE - 11/08/2024	REVISED -		SHEET\$ADAP1 OF\$ADAT SHEETS		CONTRACT NO. 62N39				
	PLOT DATE = 03/19/2025					STA. NA TO STA. NA		ILLINOIS FED. AID PROJECT				

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\266-SUR\266-SUR-Mk.dgn

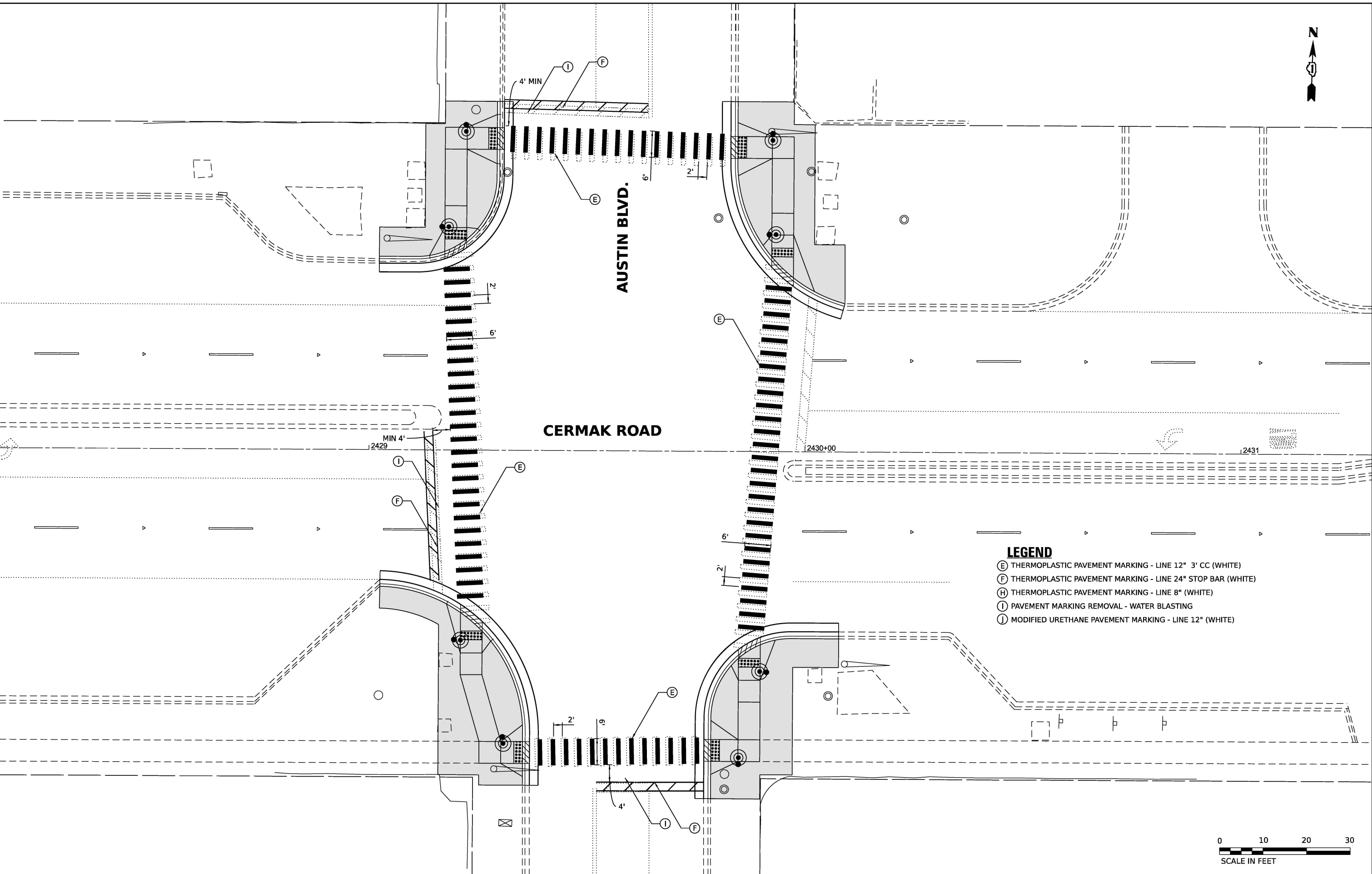


- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (I) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & LOMBARD AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MS, MA, MD, SR	REVISED -			771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	130
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -			CONTRACT NO. 62N39				
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -							
						SCALE: 1"=10'	SHEET\$ADAP1 OF\$ADAT SHEETS	STA. NA	TO STA. NA	
			ILLINOIS FED. AID PROJECT							

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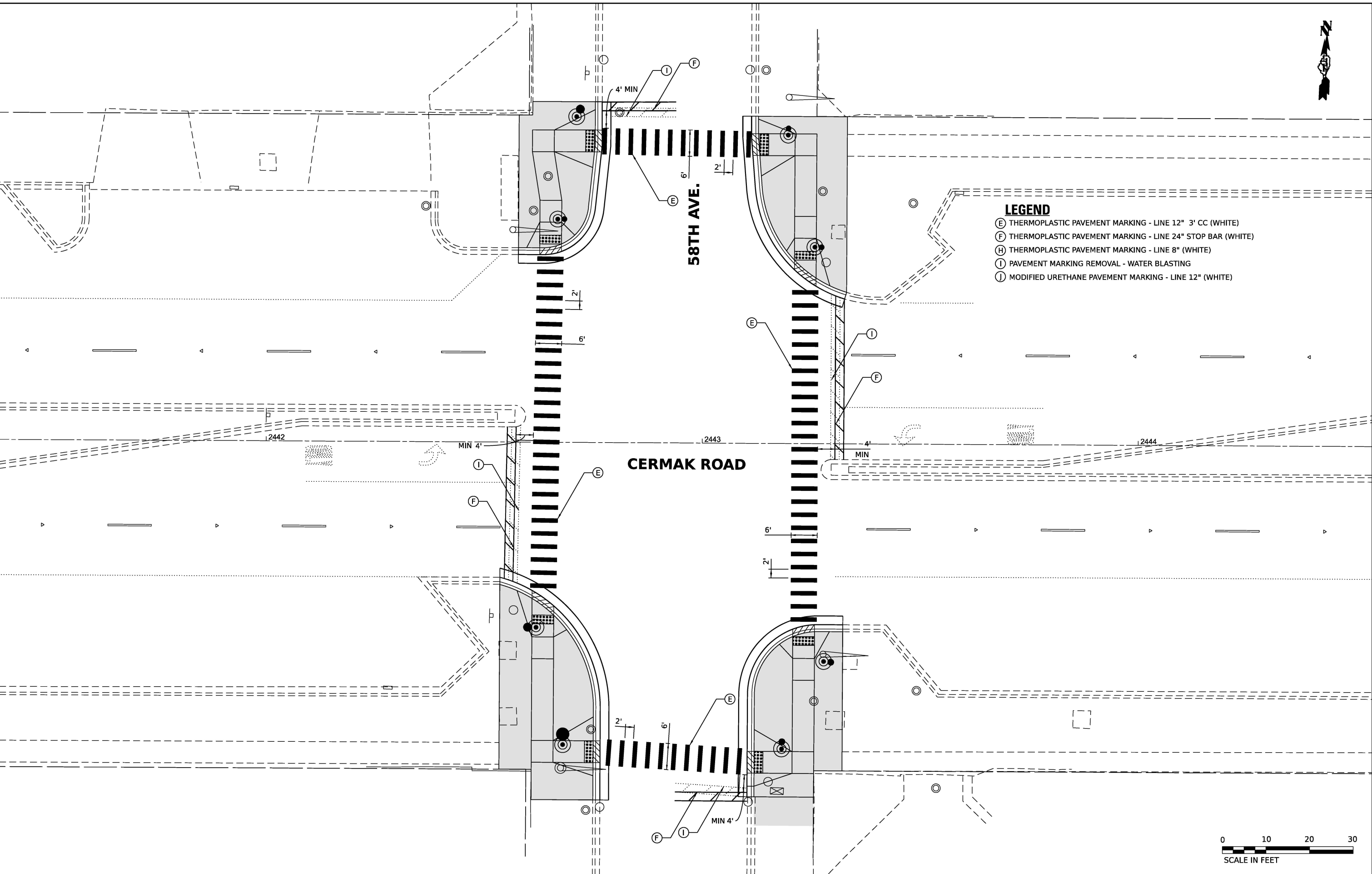


- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

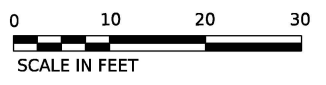


 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & AUSTIN BOULEVARD	F.A.P. RTE.				
		DRAWN - MS, MA, MD, SR	REVISED -			SECTION				
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -			COUNTY				
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -			TOTAL SHEETS				
						SHEET NO.				
						771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	131
						CONTRACT NO. 62N39				
						ILLINOIS FED. AID PROJECT				
						SCALE: 1"=10'				
						SHEET\$ADAP1 OF\$ADAT SHEETS				
						STA. NA TO STA. NA				

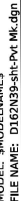
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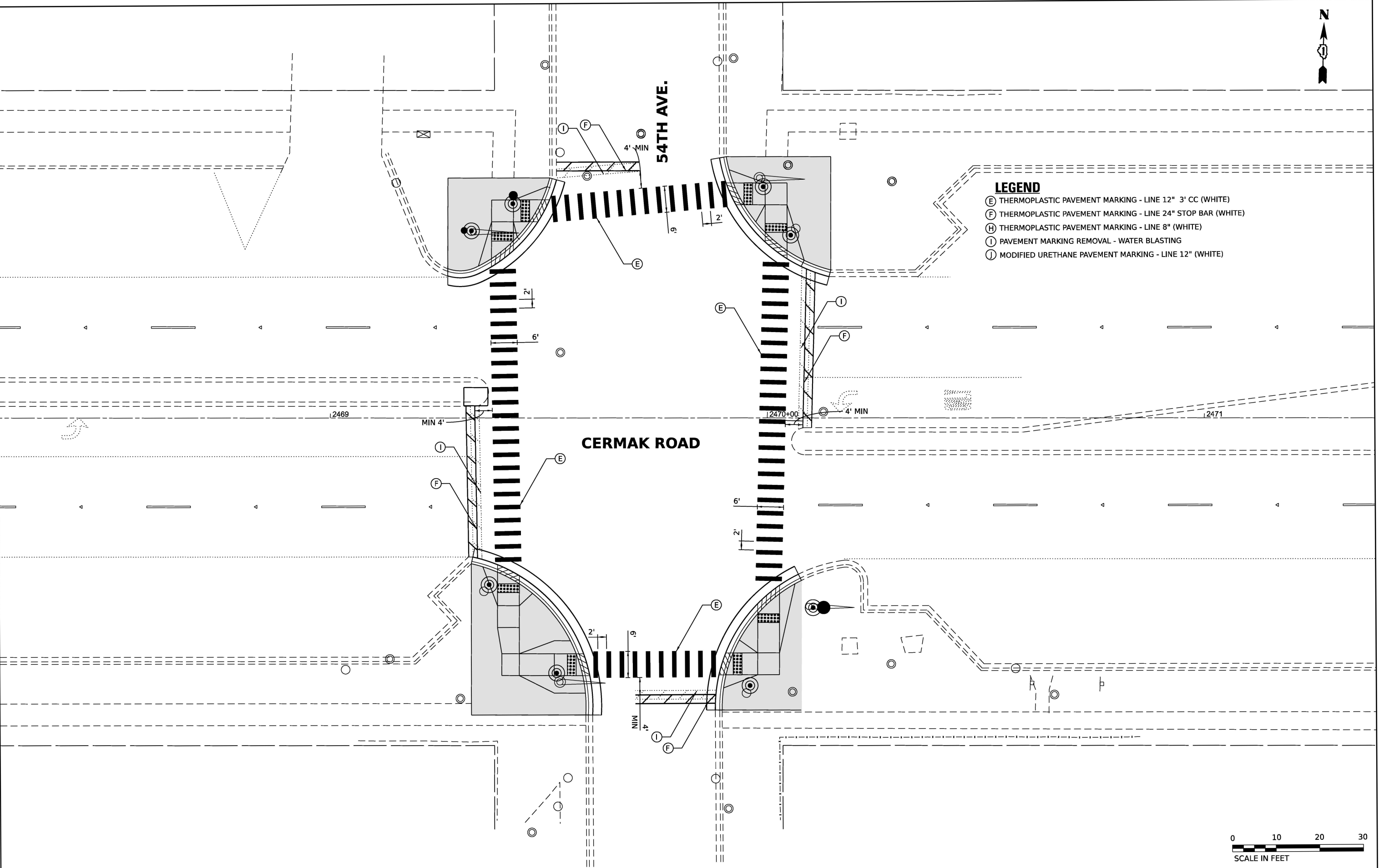
- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer		DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & 58TH AVENUE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - MS, MA, MD, SR		CHECKED - JAR, AS	REVISED -		SCALE: 1"=10'				771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	132
	PLOT SCALE = \$SCALE\$		DATE - 11/08/2024	REVISED -		SHEET\$ADAP1 OF\$ADAT SHEETS				CONTRACT NO. 62N39				
	PLOT DATE = 03/19/2025					STA. NA TO STA. NA				ILLINOIS FED. AID PROJECT				

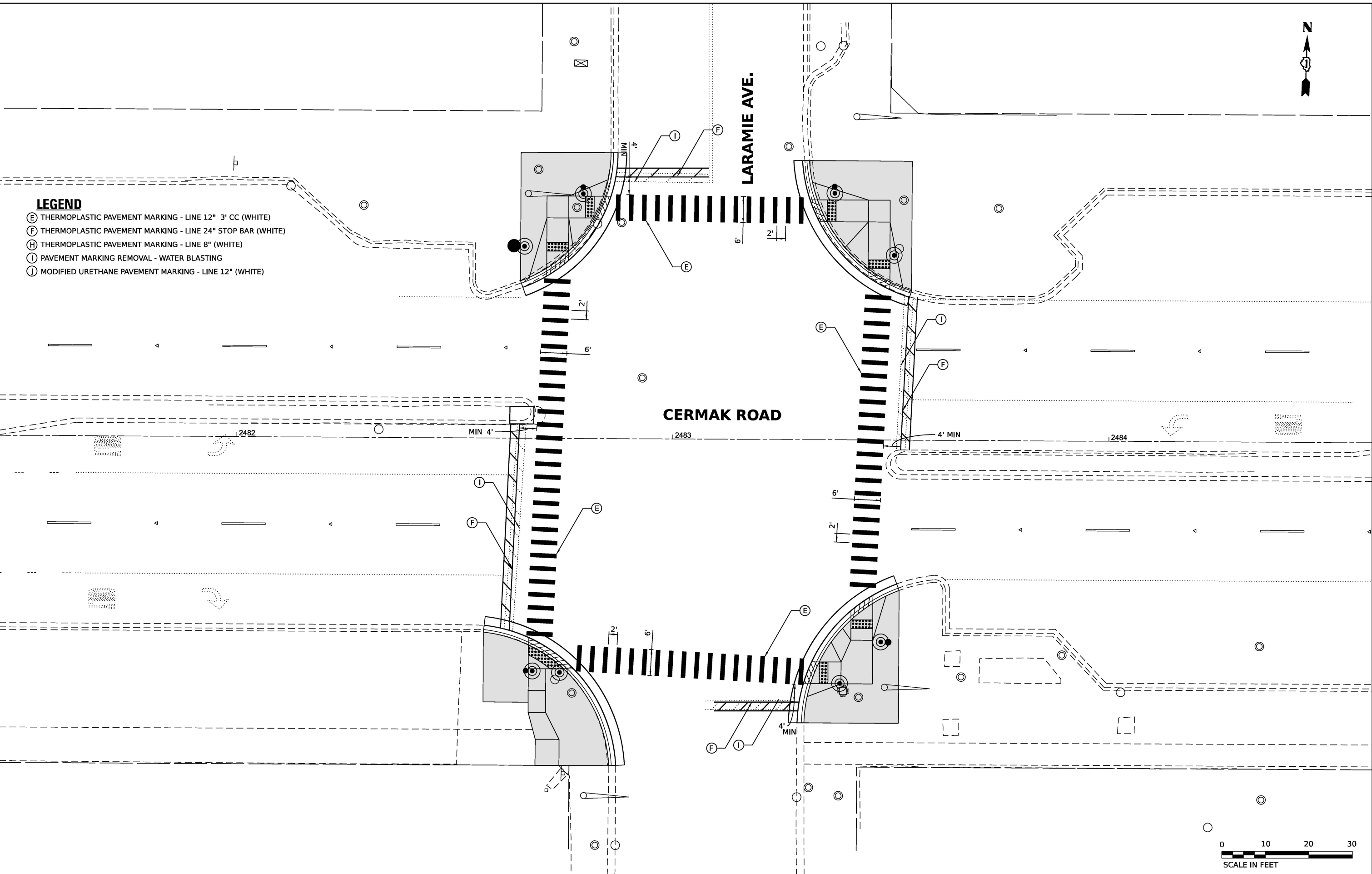


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AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & 54TH AVENUE					F.P. RTE.	SECTION	COUNTY	SHEETS	NO.
		DRAWN - MS, MA, MD, SR	REVISED -		771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	135					
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -		CONTRACT NO. 62N39									
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -		SCALE: 1"=10'	SHEET\$ADAP1 OF\$ADAT	SHEETS	STA. NA	TO STA. NA	ILLINOIS	FED. AID PROJECT			

MODEL: 41MODELNAME\$
FILE NAME: D:\2025\266-SUR\266-SUR-Mark.dgn



LEGEND

- E THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- F THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- H THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- I PAVEMENT MARKING REMOVAL - WATER BLASTING
- J MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE	= 11/08/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & LARAMIE AVENUE

SCALE: 1"=10'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	136
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				





LEGEND

- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
- (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

50TH AVE.

CERMAK ROAD



MODEL: 41MODEL.MXES
FILE NAME: D:\2023\266-SUR\266-SUR-MK.dgn

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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MA, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	11/08/2024	REVISED -	

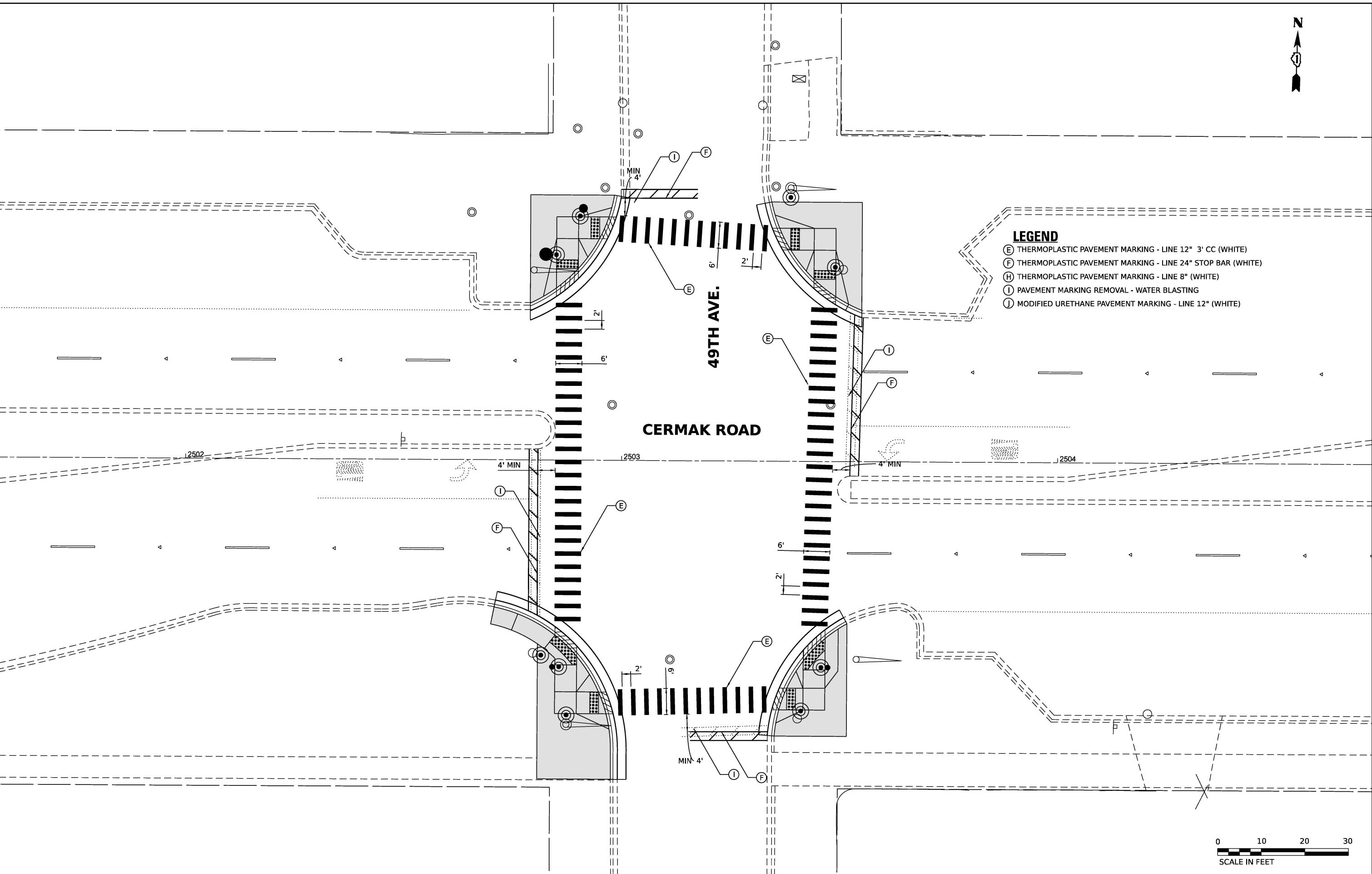
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & 50TH AVENUE**

SCALE: 1"=10'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	137
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

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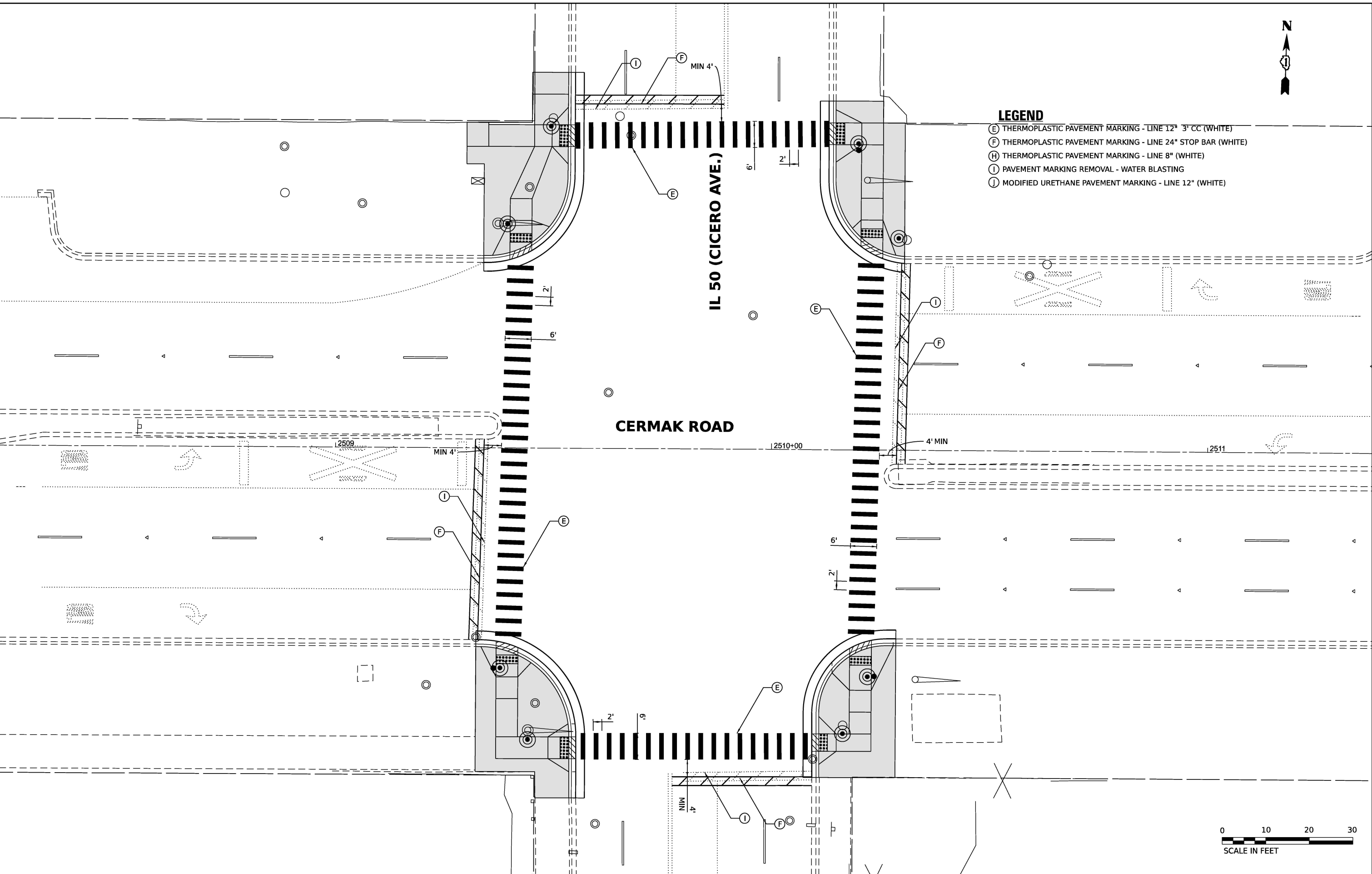


- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT MARKINGS CERMAK ROAD /22ND STREET & 49TH AVENUE						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MS, MA, MD, SR	REVISED -													
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -													
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -													
SCALE: 1"=10'						SHEET\$ADAP1 OF\$ADAT SHEETS		STA. NA		TO STA. NA		CONTRACT NO. 62N39				
										ILLINOIS FED. AID PROJECT						

MODEL: 41MODELNAME\$
FILE NAME: D:\2023\266-SUR\266-SUR.dgn



- LEGEND**
- (E) THERMOPLASTIC PAVEMENT MARKING - LINE 12" 3' CC (WHITE)
 - (F) THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR (WHITE)
 - (H) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
 - (I) PAVEMENT MARKING REMOVAL - WATER BLASTING
 - (J) MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = msomer	DESIGNED - MS, MA	REVISED -
		DRAWN - MS, MA, MD, SR	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS	REVISED -
	PLOT DATE = 03/19/2025	DATE - 11/08/2024	REVISED -

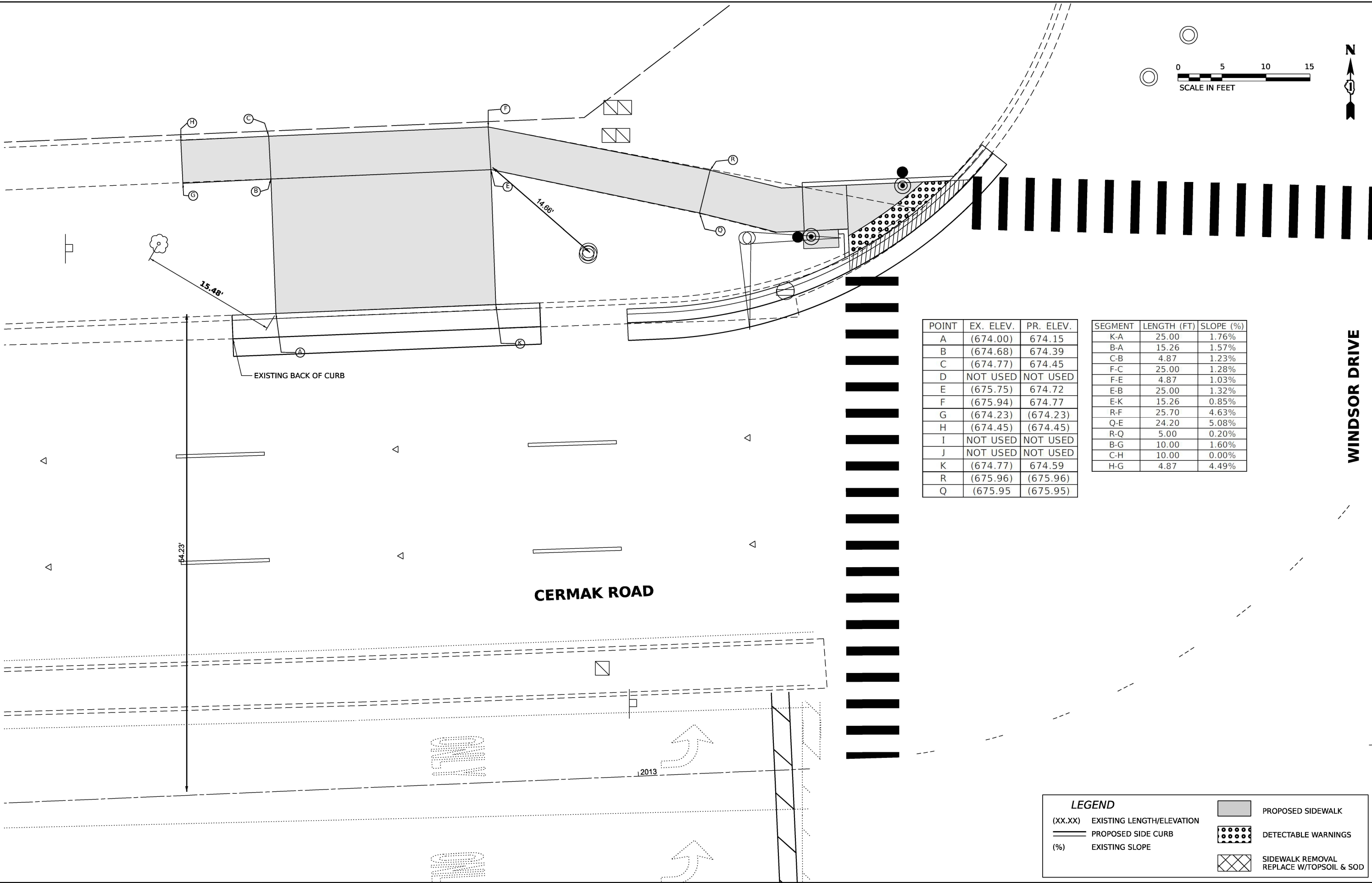
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKINGS
CERMAK ROAD /22ND STREET & CICERO AVENUE (IL-50)

SCALE: 1"=10'
SHEET\$ADAP1 OF\$ADAT SHEETS
STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	139
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				





POINT	EX. ELEV.	PR. ELEV.
A	(674.00)	674.15
B	(674.68)	674.39
C	(674.77)	674.45
D	NOT USED	NOT USED
E	(675.75)	674.72
F	(675.94)	674.77
G	(674.23)	(674.23)
H	(674.45)	(674.45)
I	NOT USED	NOT USED
J	NOT USED	NOT USED
K	(674.77)	674.59
R	(675.96)	(675.96)
Q	675.95	(675.95)

SEGMENT	LENGTH (FT)	SLOPE (%)
K-A	25.00	1.76%
B-A	15.26	1.57%
C-B	4.87	1.23%
F-C	25.00	1.28%
F-E	4.87	1.03%
E-B	25.00	1.32%
E-K	15.26	0.85%
R-F	25.70	4.63%
Q-E	24.20	5.08%
R-Q	5.00	0.20%
B-G	10.00	1.60%
C-H	10.00	0.00%
H-G	4.87	4.49%

WINDSOR DRIVE

CERMAK ROAD

— EXISTING BACK OF CURB

LEGEND

[illegible]

===== PROPOSED SIDE CURB

(%)	EXISTING SLOPE
100	100
90	90
80	80
70	70
60	60
50	50
40	40
30	30
20	20
10	10
0	0



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD



USER NAME	= msomer
-----------	----------

DESIGNED -	MS, MA
DRAWN -	MS, MS, MD, SR

PLOT SCALE = \$SCALE\$	CHECKED - JAR, AS
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PLOT DATE = 03/19/2025	DATE - 11/08/2024
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DESIGNED -	MS, MA
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DRAWN	-	MS, MS, MD, SR
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CHECKED	-	JAR, AS
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DATE	-	11/08/2024
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REVISED	-
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REVISÉ -

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

**III 56 22ND STREET/CERMAK ROAD
CERMAK ROAD /22ND STREET & WINDSOR DRIVE – PACE IMPROVEMENTS**

SCALE: 1"=5'

	SHEET\$ADAP1	OF\$ADAT	SHEETS
--	--------------	----------	--------

STATION	STA.	NA	TO STA.	NA
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F.A.P.	
RTE.	
771	

S	771

SECTION

0-266-SUB SW & TS

0-200-30K, 3W & 13

	ILLINOIS	FED. A
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COUNTY

COOK, DUPA	
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CONTRA

AND PROJECT

TOTAL SHEETS	SHEET NO.
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	SHEETS	NO.
PAGE	492	140

CT NO. 62N39

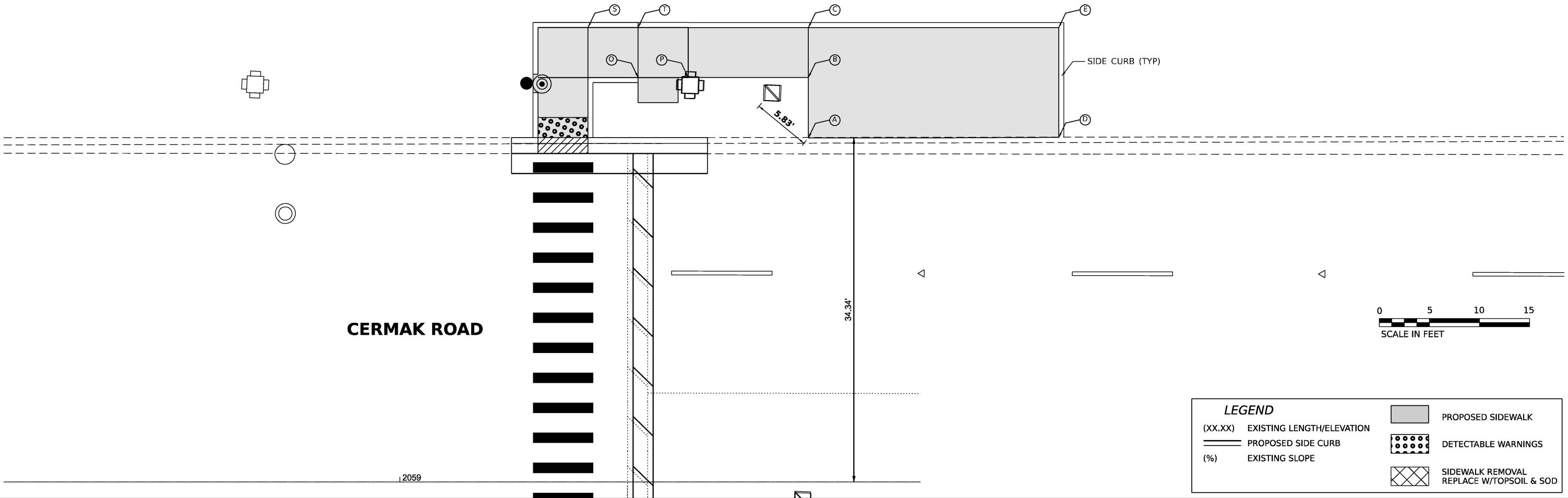
ET NO. 02155

MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-PACE.dgn



POINT	EX. ELEV.	PR. ELEV.
A	(661.47)	661.47)
B	(662.19)	661.56
C	(663.35)	661.64
D	(661.24)	(661.24)
E	(662.30)	661.39
O	(661.81)	662.01
P	(662.70)	661.96
S	(663.60)	662.06
T	(663.61)	662.01

SEGMENT	LENGTH (FT)	SLOPE (%)
A-D	25.00	0.92%
C-E	25.00	1.00%
C-B	5.00	1.50%
B-A	6.03	1.50%
E-D	10.98	1.37%
T-C	12.00	3.08%
P-B	12.00	3.33%
T-P	5.00	1.00%
T-S	5.00	1.00%
P-O	5.00	1.00%
S-O	5.00	1.00%



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

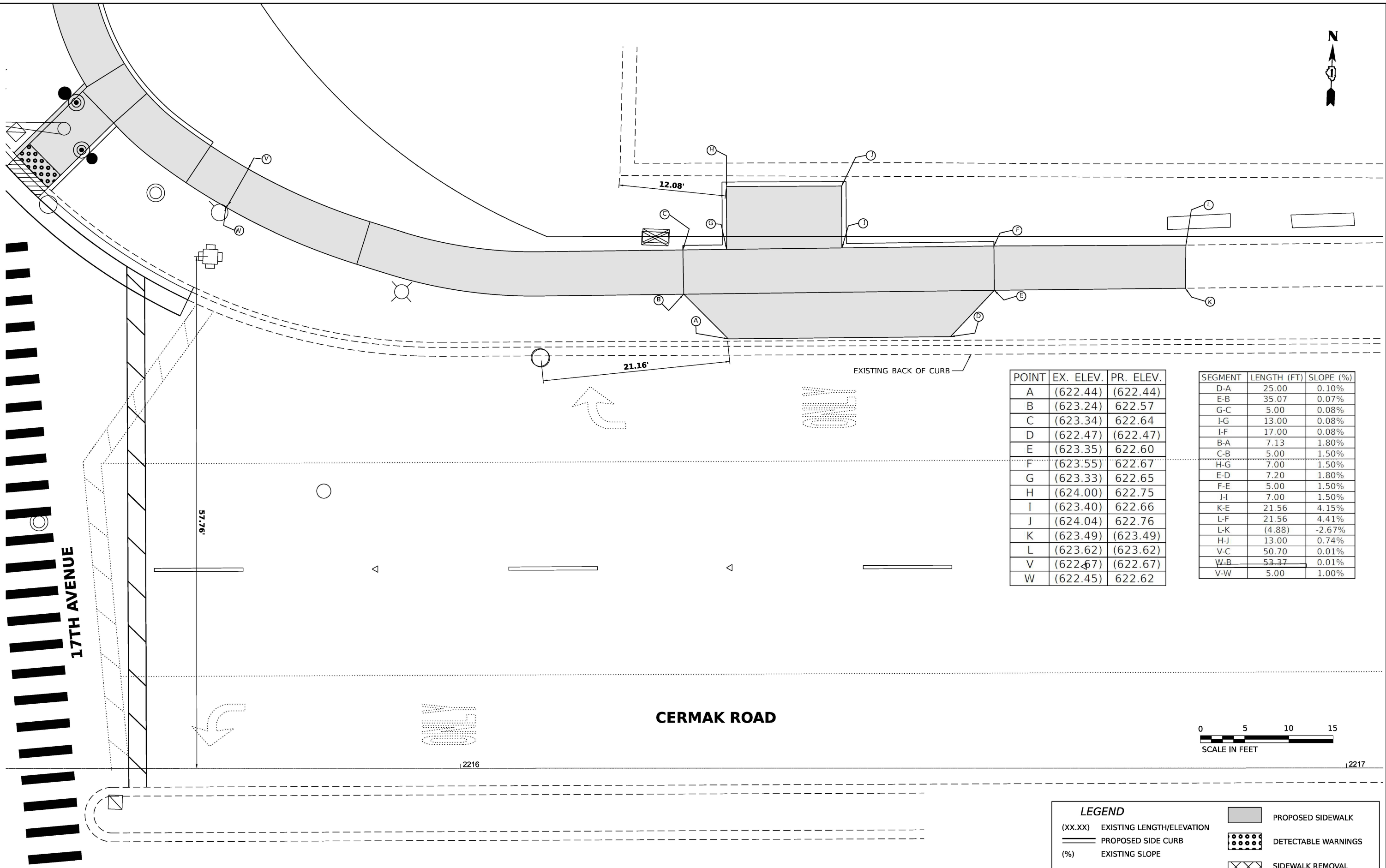
(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

MODEL: AMES\ENGINEERS
FILE NAME: D:\62N39-21-PAVE.dgn



POINT	EX. ELEV.	PR. ELEV.
A	(622.44)	(622.44)
B	(623.24)	622.57
C	(623.34)	622.64
D	(622.47)	(622.47)
E	(623.35)	622.60
F	(623.55)	622.67
G	(623.33)	622.65
H	(624.00)	622.75
I	(623.40)	622.66
J	(624.04)	622.76
K	(623.49)	(623.49)
L	(623.62)	(623.62)
V	(622.67)	(622.67)
W	(622.45)	622.62

SEGMENT	LENGTH (FT)	SLOPE (%)
D-A	25.00	0.10%
E-B	35.07	0.07%
G-C	5.00	0.08%
I-G	13.00	0.08%
I-F	17.00	0.08%
B-A	7.13	1.80%
C-B	5.00	1.50%
H-G	7.00	1.50%
E-D	7.20	1.80%
F-E	5.00	1.50%
J-I	7.00	1.50%
K-E	21.56	4.15%
L-F	21.56	4.41%
L-K	(4.88)	-2.67%
H-J	13.00	0.74%
V-C	50.70	0.01%
W-B	53.37	0.01%
V-W	5.00	1.00%

CERMAK ROAD

17TH AVENUE



LEGEND			
(XX.XX)	EXISTING LENGTH/ELEVATION		PROPOSED SIDEWALK
—	PROPOSED SIDE CURB		DETECTABLE WARNINGS
(%)	EXISTING SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: 4MODELNAME\$
FILE NAME: D:\C123\3-17-24\PACE.dgn

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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MS, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	11/08/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

III 56 22ND STREET/CERMAK ROAD
CERMAK ROAD /22ND STREET & 17TH AVENUE – PACE IMPROVEMENTS

SCALE: 1"=5' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	142
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

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USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

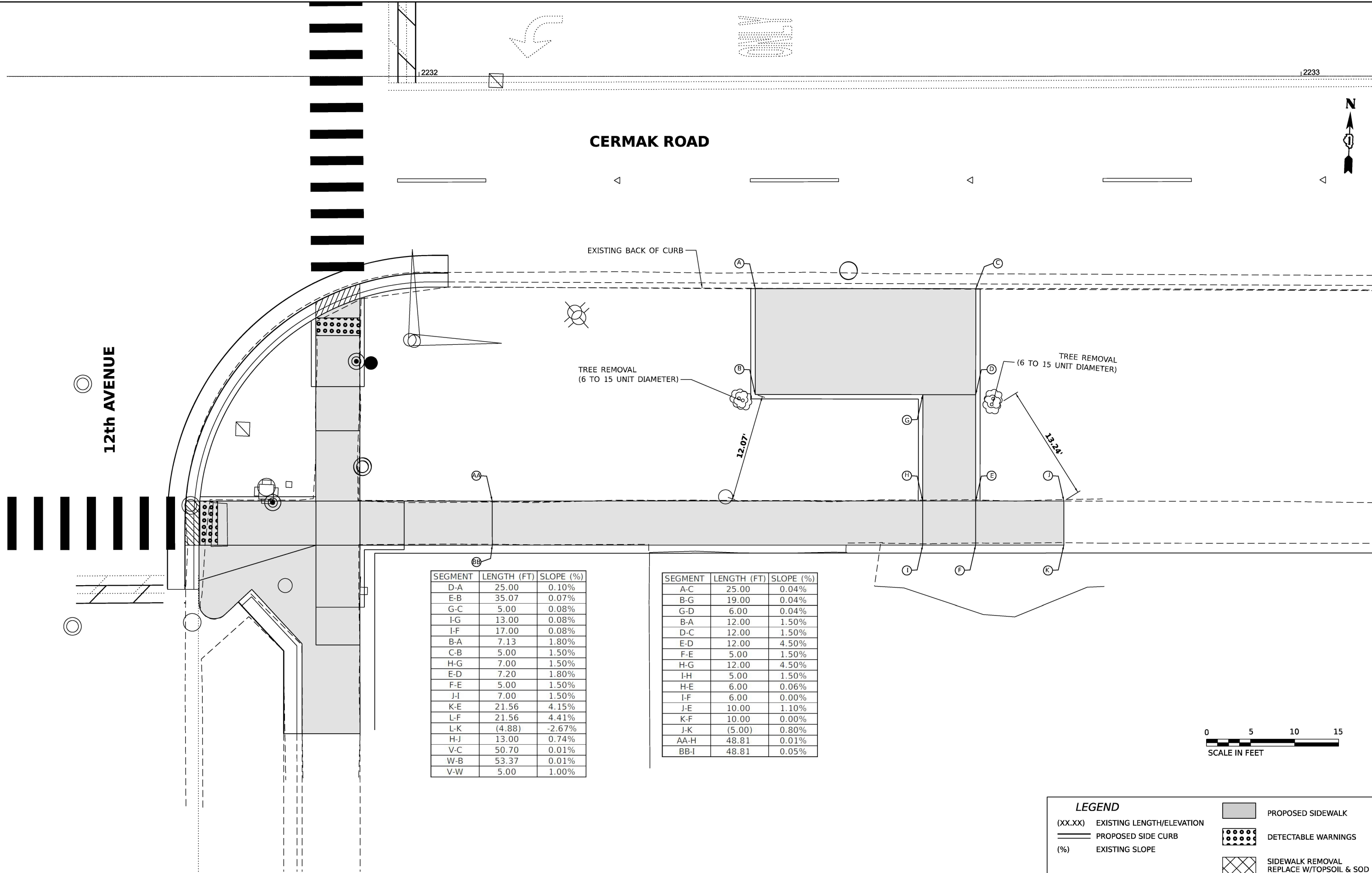
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DRAWN - MS, MS, MD, SR
CHECKED - JAR, AS
DATE - 11/08/2024

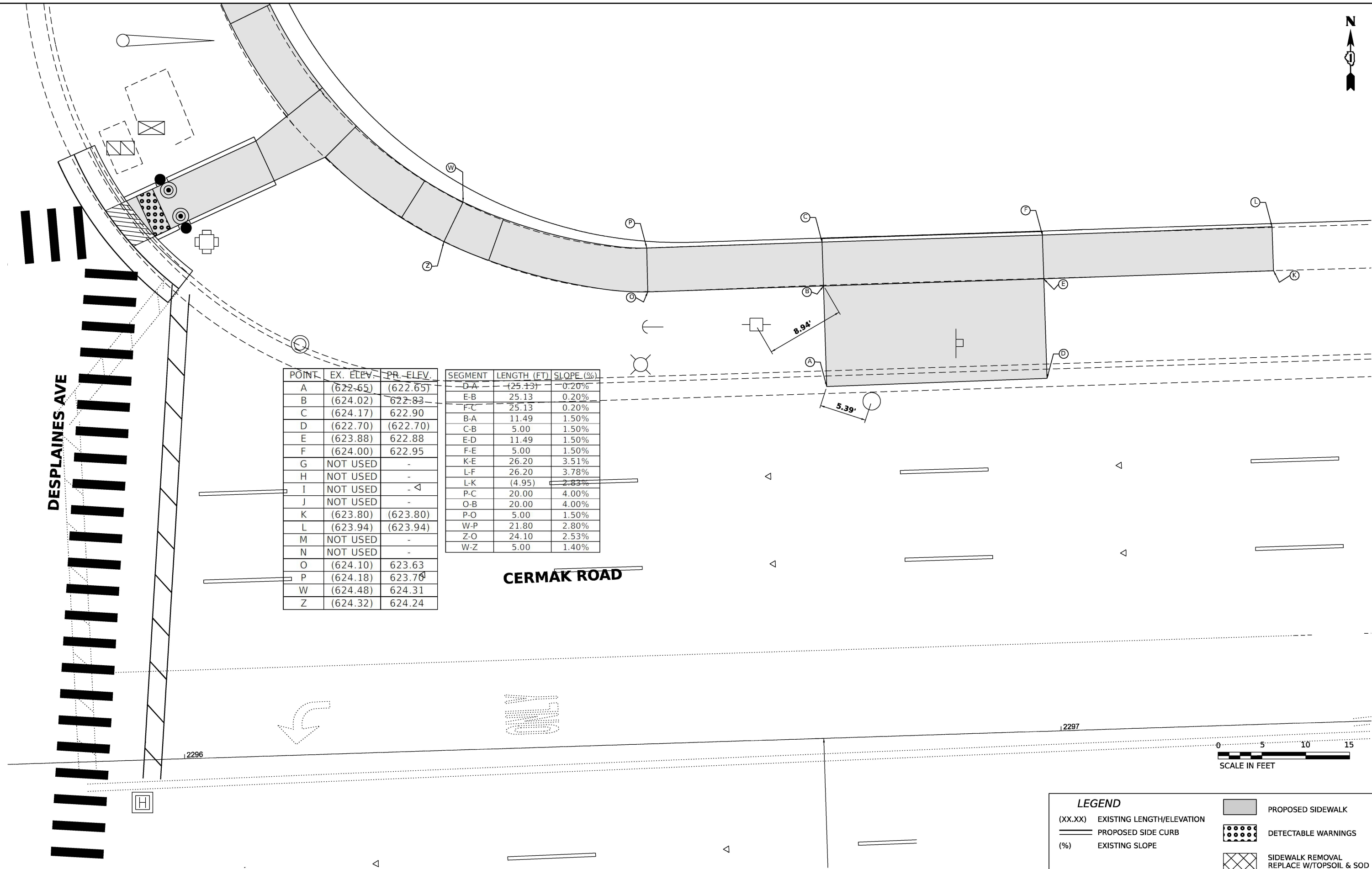
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

III 56 22ND STREET/CERMAK ROAD
CERMAK ROAD /22ND STREET & 12TH AVENUE SE CORNER - PACE IMPROVEMENTS
SCALE: 1"=5' SHEET\$ADAP1 OF\$ADAT SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	143
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				





POINT	EX. ELEV.	PR. ELEV.
A	(622.65)	(622.65)
B	(624.02)	622.83
C	(624.17)	622.90
D	(622.70)	(622.70)
E	(623.88)	622.88
F	(624.00)	622.95
G	NOT USED	-
H	NOT USED	-
I	NOT USED	-
J	NOT USED	-
K	(623.80)	(623.80)
L	(623.94)	(623.94)
M	NOT USED	-
N	NOT USED	-
O	(624.10)	623.63
P	(624.18)	623.70
W	(624.48)	624.31
Z	(624.32)	624.24

SEGMENT	LENGTH (FT)	SLOPE (%)
D-A	(25.13)	0.20%
E-B	25.13	0.20%
F-C	25.13	0.20%
B-A	11.49	1.50%
C-B	5.00	1.50%
E-D	11.49	1.50%
F-E	5.00	1.50%
K-E	26.20	3.51%
L-F	26.20	3.78%
L-K	(4.95)	2.83%
P-C	20.00	4.00%
O-B	20.00	4.00%
P-O	5.00	1.50%
W-P	21.80	2.80%
Z-O	24.10	2.53%
W-Z	5.00	1.40%

LEGEND			
(XX.XX)	EXISTING LENGTH/ELEVATION		PROPOSED SIDEWALK
=====	PROPOSED SIDE CURB		DETECTABLE WARNINGS
(%)	EXISTING SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: 4MODELNAME\$
FILE NAME: D:\62N39-14-PAVE.dgn

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

USER NAME	= msomer	DESIGNED -	MS, MA	REVISED -	
		DRAWN -	MS, MS, MD, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR, AS	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	11/08/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

III 56 22ND STREET/CERMAK ROAD			
CERMAK ROAD /22ND STREET & DES PLAINES AVENUE NE CORNER - PACE IMPROVEMENTS			
SCALE: 1"=5'	SHEET\$ADAP1	OF\$ADAT SHEETS	STA. NA TO STA. NA

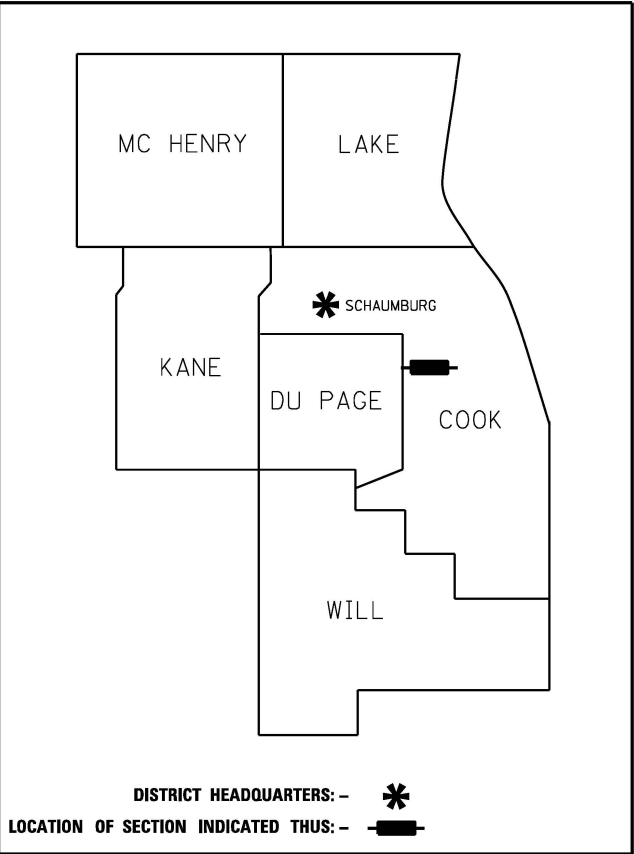
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
771	2020-266-SUR, SW & TS	COOK, DUPAGE	492	144
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

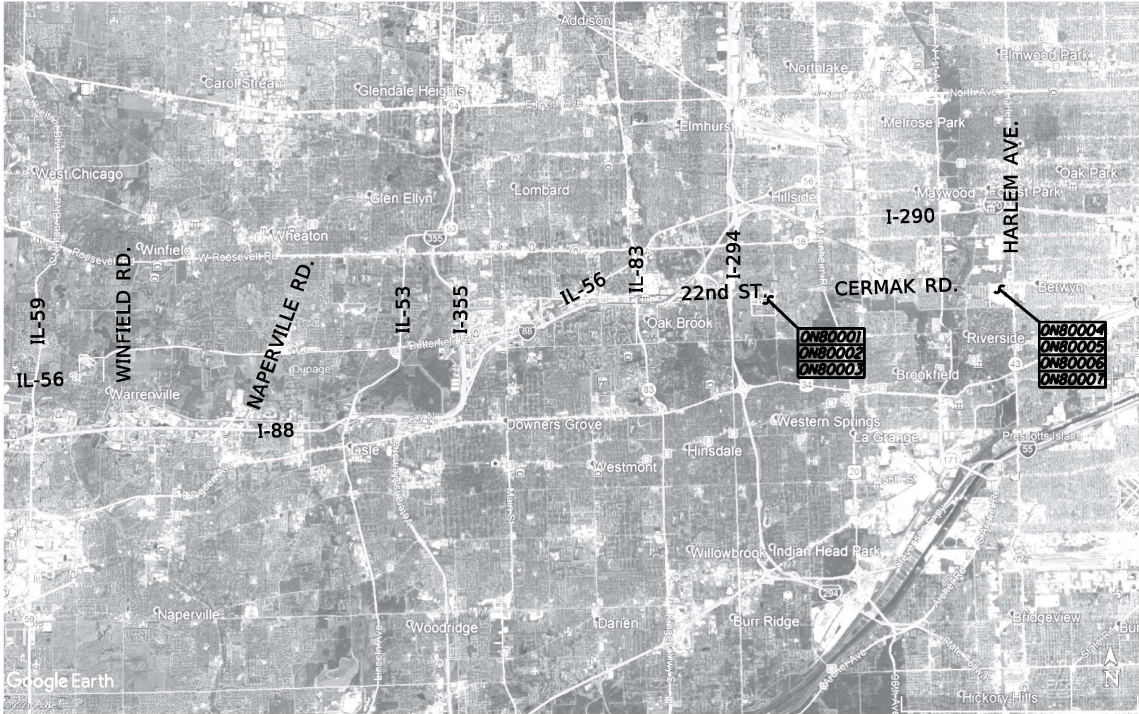
PLAT OF HIGHWAYS

ROUTE: IL 56 /22nd ST./CERMAK RD.
SECTION: SMART CORRIDORS
COUNTY: COOK
LIMITS: YORK ROAD TO IL-50
JOB NO.: R-90-036-22

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0N80001	ENTERPRISE CENTRE LLC.	2	
0N80002	THE PENSION FUND OF THE CONSTRUCTION AND GENRAL LABORERS DISTRICT COUNCIL OF CHICAGO AND VICINITY	2	
0N80003	WESTBROOK CENTER ILLINOIS REALTY LP, A DELAWARE LIMITED LIABILITY PARTNERSHIP	3	
0N80004	NR PARK ASSOCIATES, LLC, A DELAWARE LIMITED LIABILITY COMPANY	4	
0N80005	NORTH RIVERSIDE PARK ASSOCIATES, LLC A NEW YORK LIMITED LIABILITY COMAPNY	5	
0N80006	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO LASALLE NATIONAL TRUST N.A., AS SUCCESSOR TO EXCHANGE NATIONAL BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED NOVEMBER 18, 1980 KNOWN AS TRUST NO. 37743 NOW KNOWN AS TRUST NO. 10-37743-09	6	
0N80007	7222 CERMAK LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	7	



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



LOCATION MAP

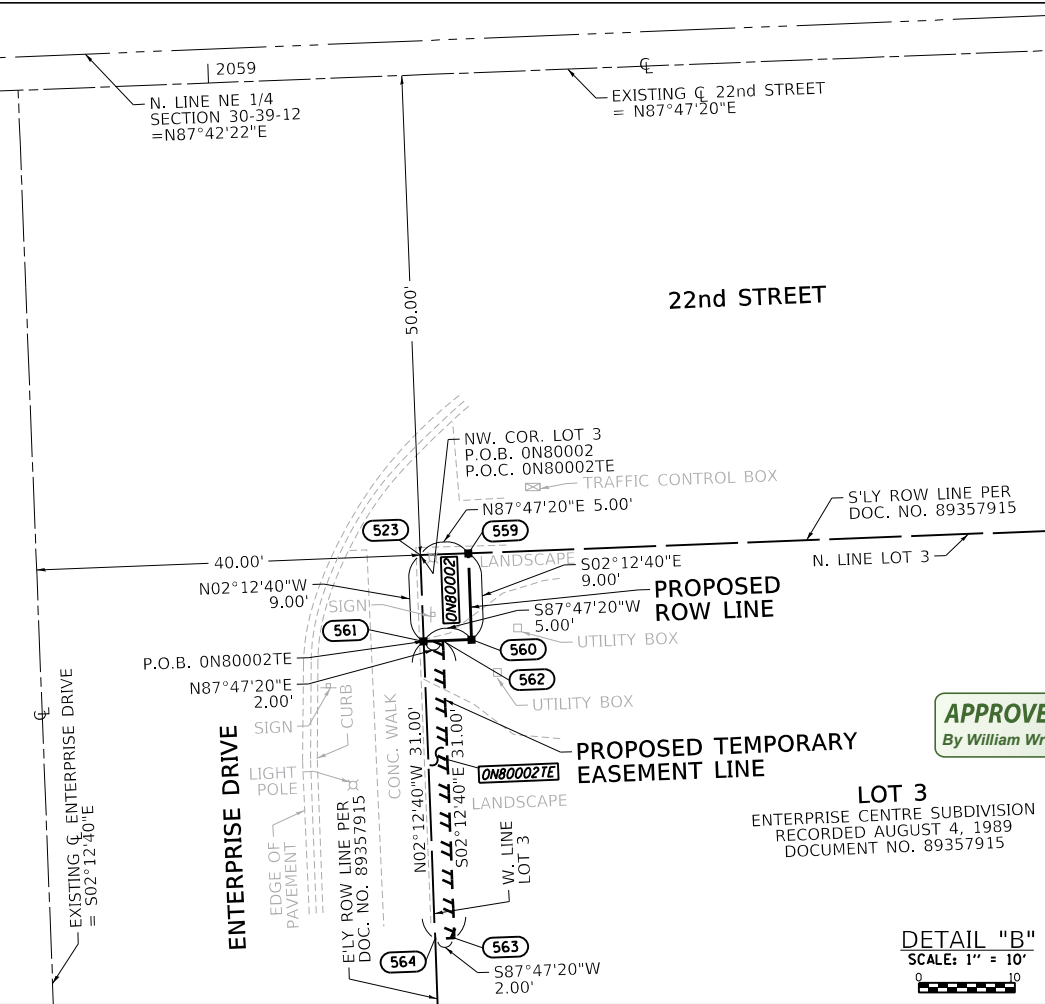
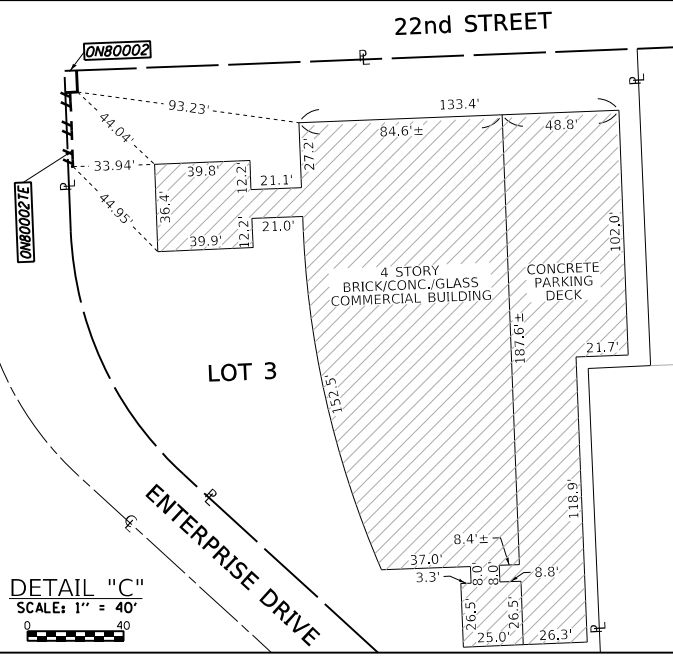
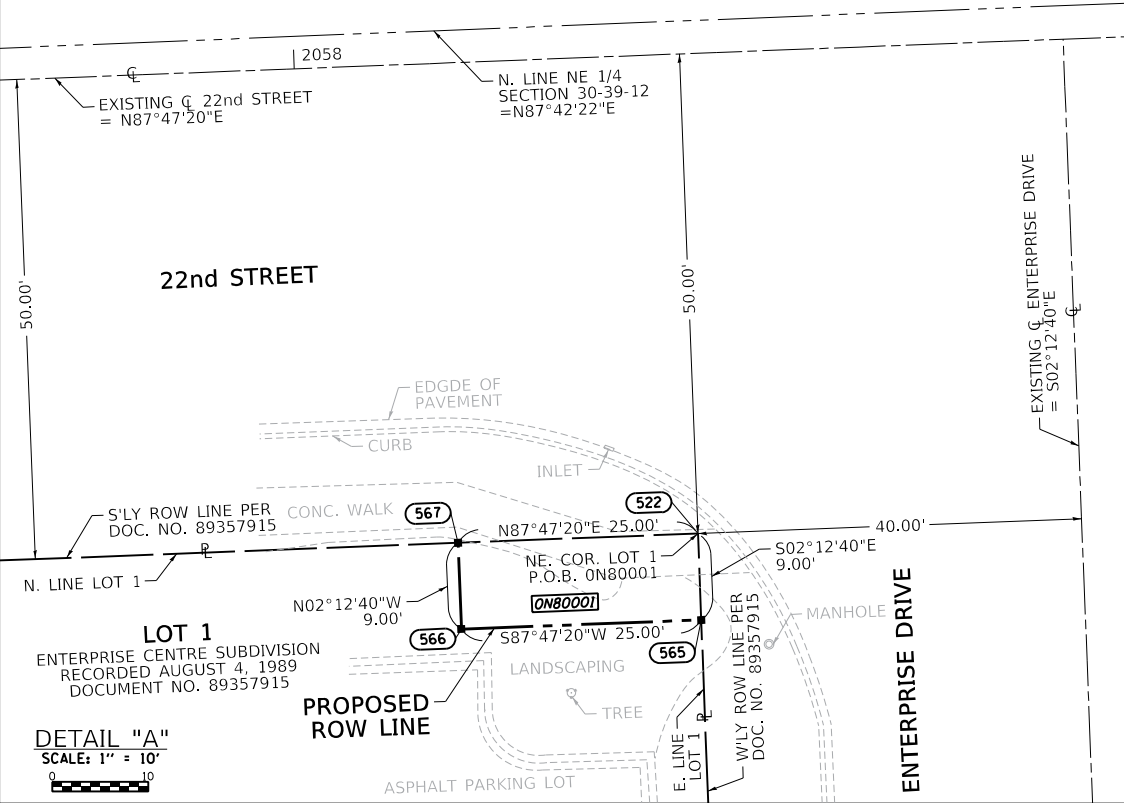
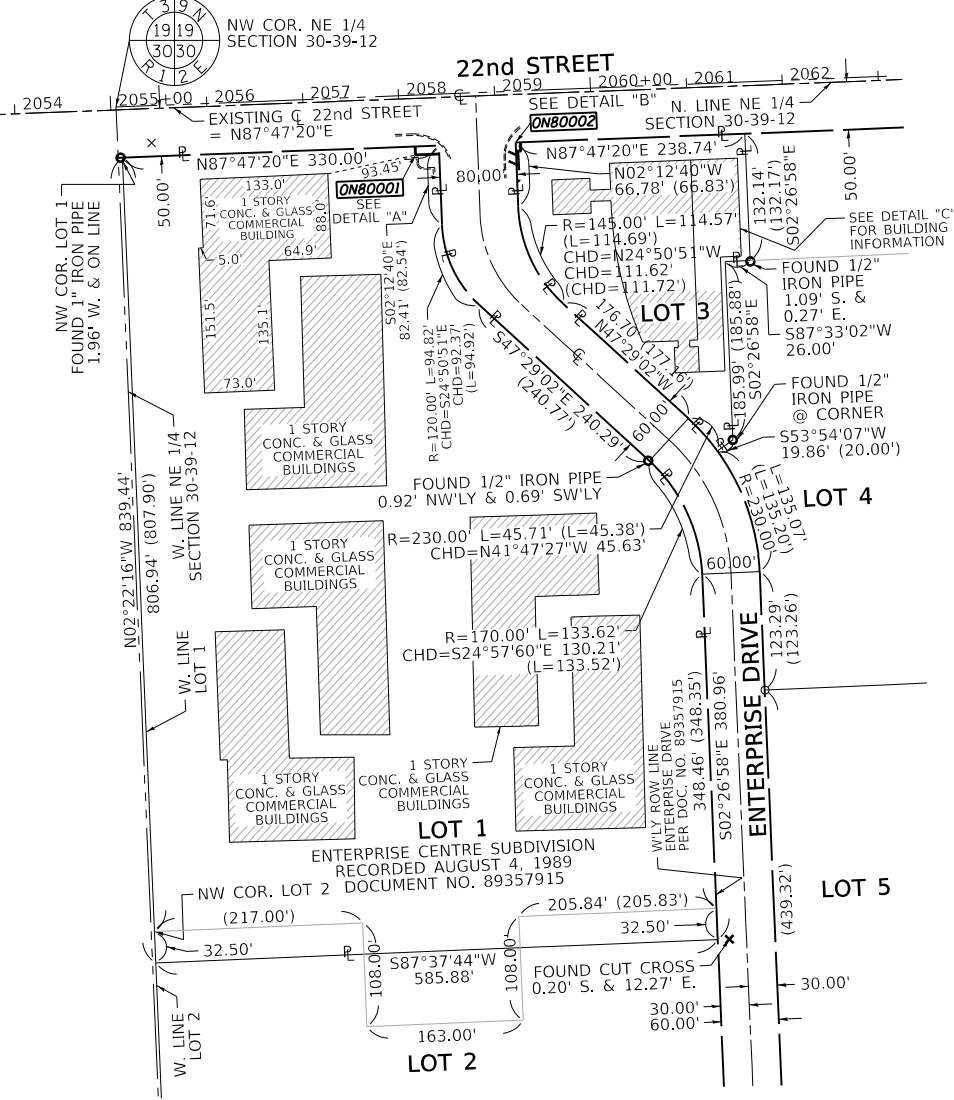
RETURN ORIGINAL TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SHAUMBURG ILLINOIS, 60169
ATTN: BUREAU OF LAND ACQUISITION

TOTAL SHEETS
492
SHEET NUMBER
145

IDOT USE ONLY

APPROVED
By William Wright at 7:59 am, Apr 05, 2023

PART OF THE NE 1/4 OF SECTION 30, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
ON80001	9.742	0.005 (225 SQ.FT.)		9.737			15-30-205-004;
ON80002	1.208	0.001 (45 SQ.FT.)		1.207			15-30-200-038
ON80002TE					0.001	62	

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
PT.NO.	STATION	OFFSET	NORTHING	EASTING
566	2058+15.15	59.00' RT.	1,887,401.7140	1,099,598.1900
567	2058+15.15	50.00' RT.	1,887,410.7073	1,099,597.8428
522	2058+40.15	50.00' RT.	1,887,411.6718	1,099,622.8242
565	2058+40.15	59.00' RT.	1,887,402.6785	1,099,623.1714
523	2059+20.15	50.00' RT.	1,887,414.7582	1,099,702.7646
561	2059+20.15	59.00' RT.	1,887,405.7649	1,099,703.1118
564	2059+20.15	90.00' RT.	1,887,374.7880	1,099,704.3078
562	2059+22.15	59.00' RT.	1,887,405.8421	1,099,705.1103
563	2059+22.15	90.00' RT.	1,887,374.8651	1,099,706.3063
559	2059+25.15	50.00' RT.	1,887,414.9511	1,099,707.7609
560	2059+25.15	59.00' RT.	1,887,405.9578	1,099,708.1081

LEGEND

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

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

SECTION CORNER
QUARTER CORNER

GRAPHIC SCALE
FEET
0 100
SCALE: 1" = 100'

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99996485.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON APRIL 2020.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____ 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 cklassenwhite@cwasurevey.com
CWA Job #7198

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 56 /22nd ST /CERMAK RD

LIMITS: YORK ROAD TO IL-50
SECTION: SMART CORRIDORS
STA. TO STA.
SCALE: 1" = 100'

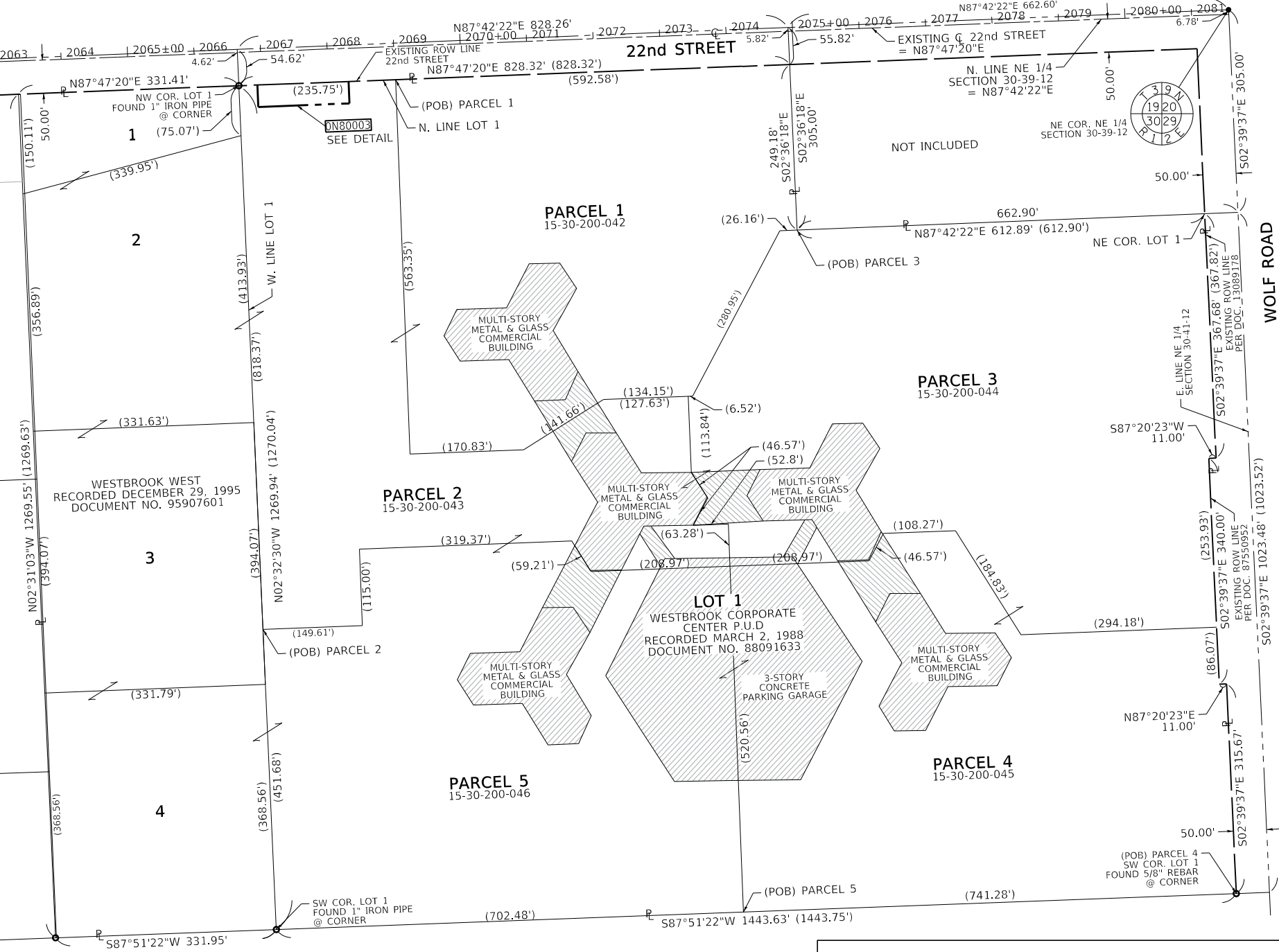
COUNTY: COOK
JOB NO.: R-90-036-22
SHEET 2 OF 7 SHEETS

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

TOTAL SHEETS 492
SHEET NUMBER 146

IDOT USE ONLY

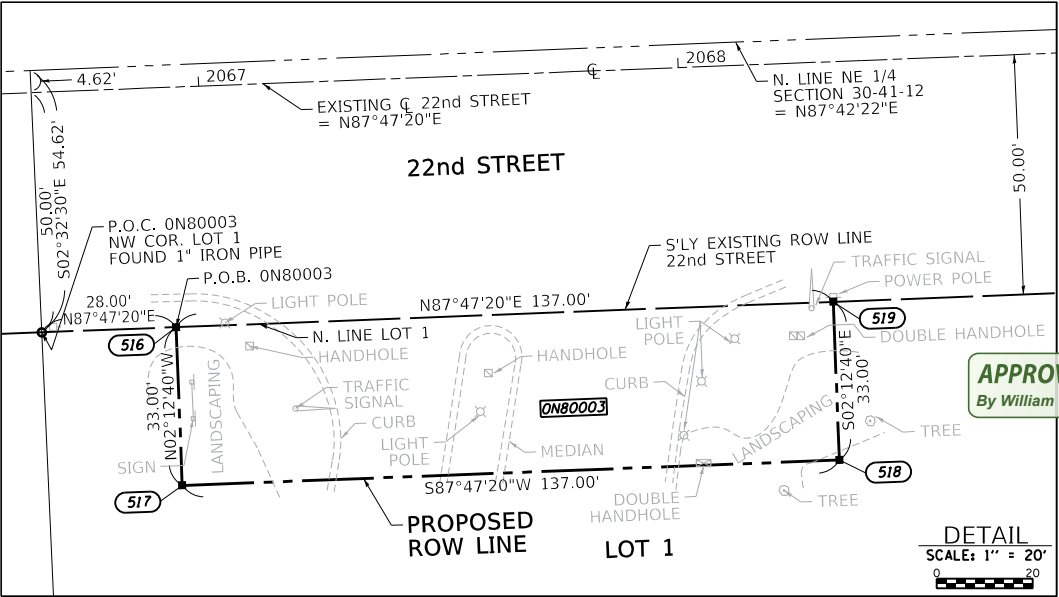
PART OF THE NE 1/4 OF SECTION 30, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
ON80003	48.159	0.104 (4,521 SQ.FT.)		48.055			15-30-200-043

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ CERMAK (22nd STREET) ROAD					
PT.NO.	STATION	OFFSET	NORTHING	EASTING	
516	2066+93.38	50.00' RT.	1,887,444.5892	1,100,475.4222	
517	2066+93.38	83.00' RT.	1,887,411.6138	1,100,476.6953	
518	2068+30.38	83.00' RT.	1,887,416.8992	1,100,613.5933	
519	2068+30.38	50.00' RT.	1,887,449.8746	1,100,612.3202	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

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

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

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

9 10 15 16

GRAPHIC SCALE
FEET
0 100
SCALE: 1" = 100'

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999996485.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON APRIL 2020.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____ 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 cklassenwhite@cwasurevey.com
CWA Job #7198

TOTAL SHEETS
492
SHEET
NUMBER 147

PLAT OF HIGHWAYS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

IL 56 /22nd ST /CERMAK RD

LIMITS: YORK ROAD TO IL-50
SECTION: SMART CORRIDORS
STA. TO STA.
SCALE: 1" = 100'

COUNTY: COOK
JOB NO.: R-90-036-22
SHEET 3 OF 7 SHEETS

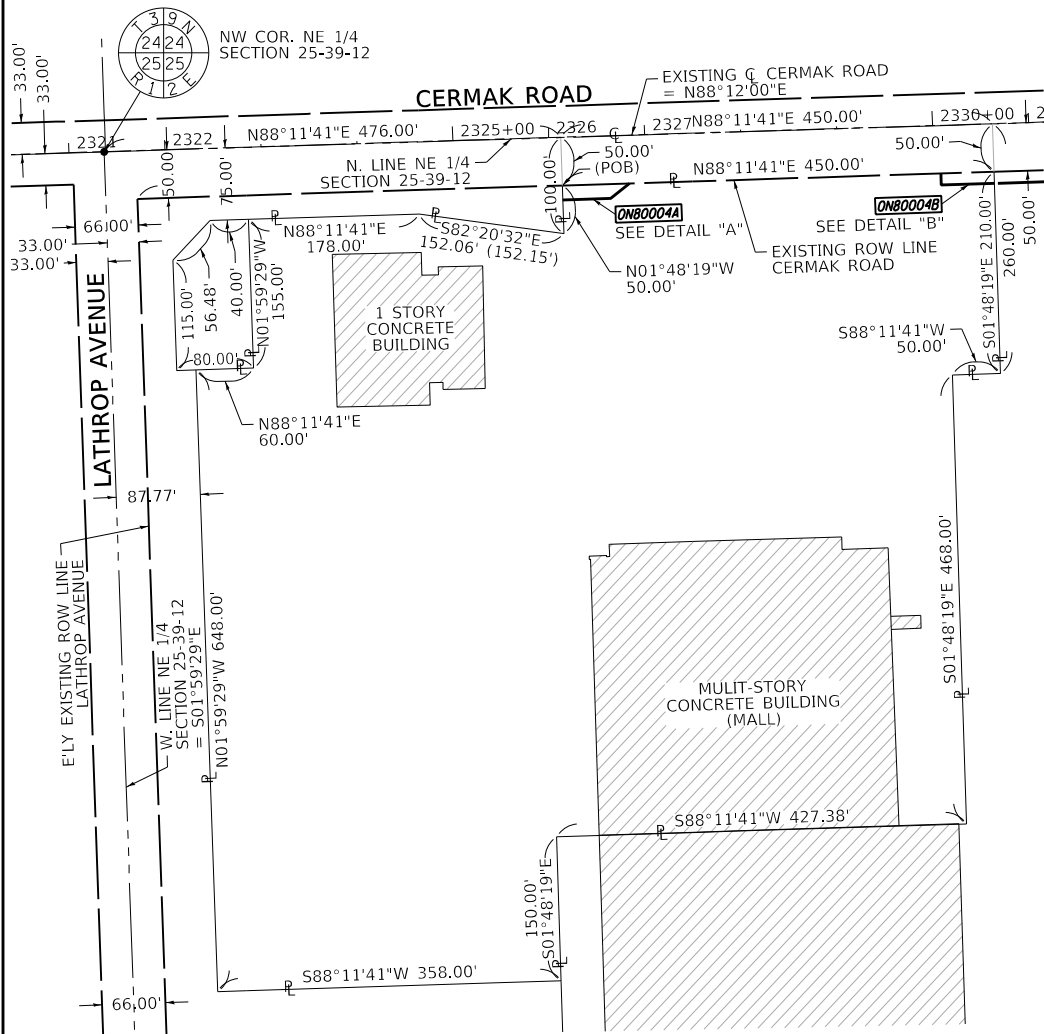
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

APPROVED

By William Wright at 10:32 am, Apr 29, 2022

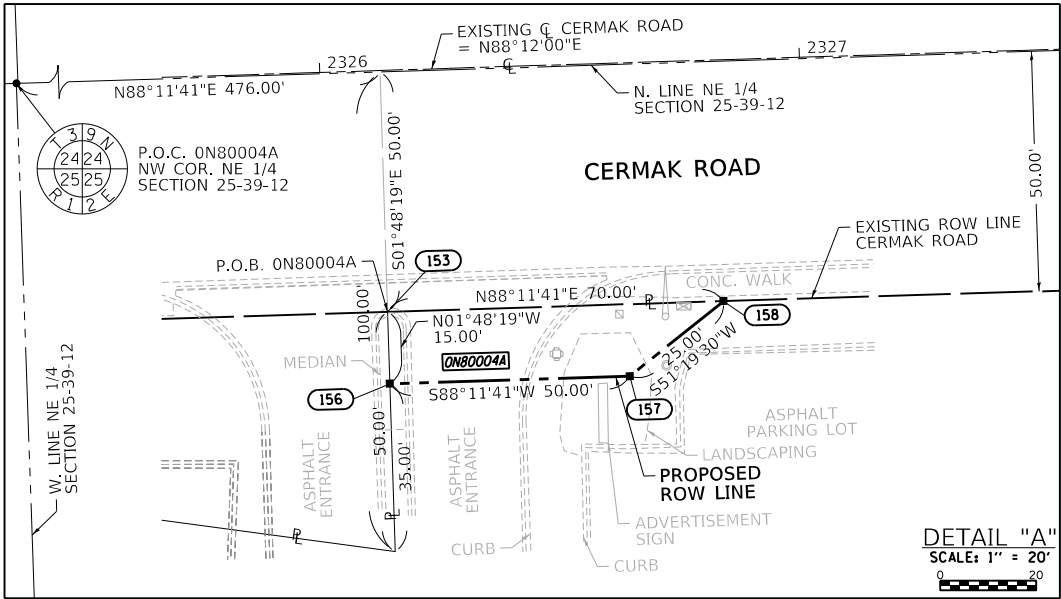
IDOT USE ONLY

PART OF THE NE 1/4 OF SECTION 25, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

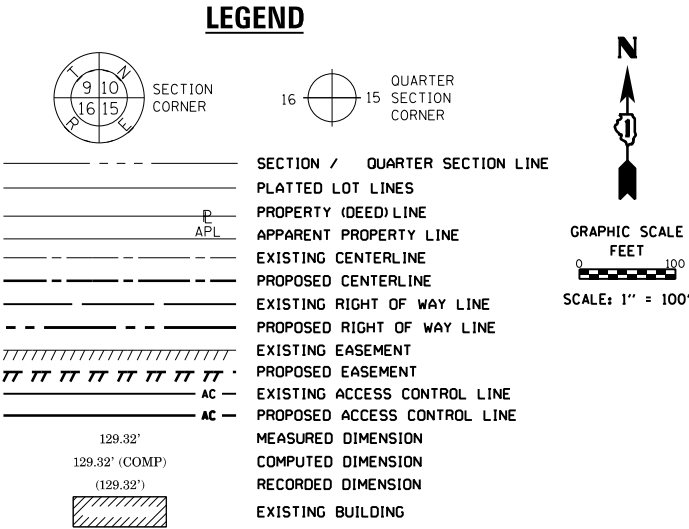
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- HANDHOLE
- LIGHT POLE
- MANHOLE
- FIRE HYDRANT
- WATER VALVE
- GAS VALVE
- DOUBLE HANDHOLE
- JUNCTION BOX



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
ON80004A	13.244	0.021 (900 SQ.FT.)		13.208			15-25-200-002
ON80004B		0.015 (666 SQ.FT.)					

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT.NO.	STATION	OFFSET	NORTHING	EASTING
153	2326+12.59	50.30' RT.	1,888,401.1119	1,126,376.2667
156	2326+12.60	65.30' RT.	1,888,386.1194	1,126,376.7392
157	2326+62.60	65.29' RT.	1,888,387.6945	1,126,426.7144
158	2326+82.59	50.29' RT.	1,888,403.3171	1,126,446.2319
159	2330+07.09	50.26' RT.	1,888,413.5394	1,126,770.5709
160	2330+07.10	62.26' RT.	1,888,401.5453	1,126,770.9489
131	2330+62.59	50.25' RT.	1,888,415.2877	1,126,826.0433
161	2330+62.60	62.25' RT.	1,888,403.2937	1,126,826.4213



- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997258.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON APRIL 2020.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____, 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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

TOTAL SHEETS
492
SHEET NUMBER
148

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 cklassenwhite@cwasurevey.com
CWA Job #7198

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 56 /22nd ST /CERMAK RD

LIMITS: YORK ROAD TO IL-50 COUNTY: COOK
SECTION: SMART CORRIDORS JOB NO.: R-90-036-22
STA. 2326+12.59 TO STA. 2330+62.60
SCALE: 1" = 100' SHEET 4 OF 7 SHEETS

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

REVISION DATE: 02/10/2021 REVISION MADE BY: JLS ADDED MORE BUILDING DETAILS

PART OF THE NE 1/4 OF SECTION 25, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



SECTION
CORNER

16 15
QUARTER
CORNER



GRAPHIC SCALE
FEET
0 100
SCALE: 1" = 100'

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

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND ⊗ "MAC" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET
■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION
DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING
SURVEYORS REGISTRATION NUMBER.
⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997258.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MARCH 2024.

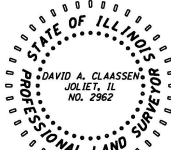
STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____ 2024 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

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



CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurevey.com
CWA Job #7198

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 56 / 22nd ST / CERMAK RD

LIMITS: YORK ROAD TO IL-50 COUNTY: COOK
SECTION: SMART CORRIDORS JOB NO.: R-90-036-22
STA. 2330+62.59 TO STA. 2331+29.10
SCALE: 1" = 100' SHEET 5 OF 7 SHEETS

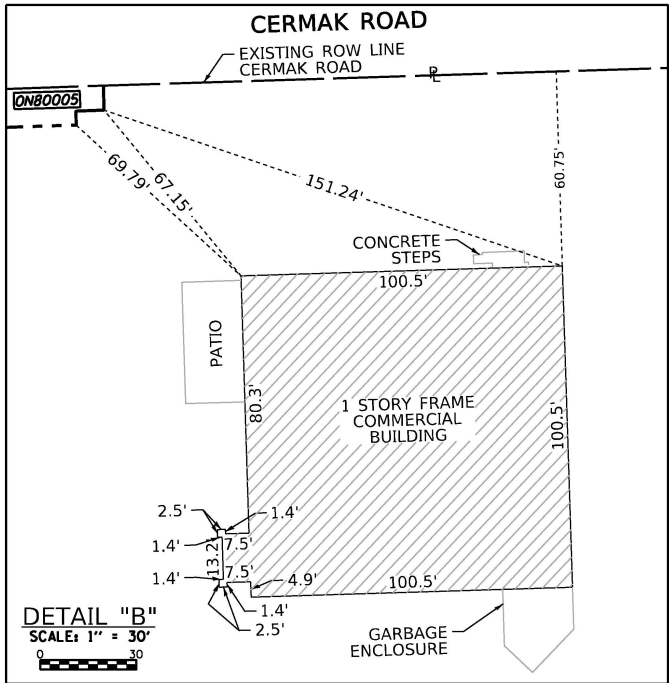
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

APPROVED
By William Wright at 8:55 am, Mar 11, 2024

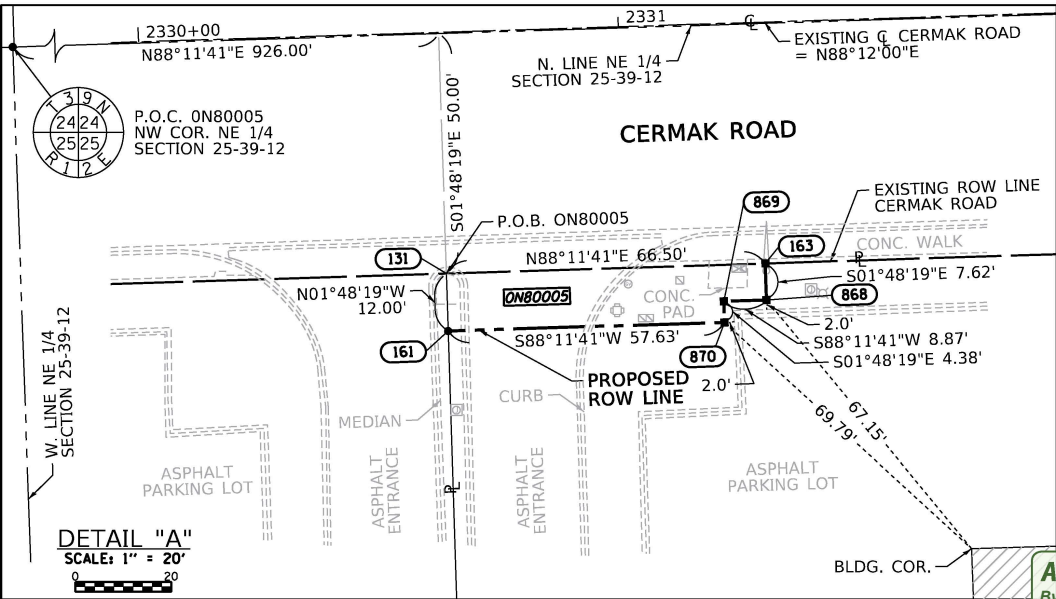
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
0N80005	19.669	0.017 (759 SQ.FT.)		19.652		15-25-200-008; 15-25-200-009; 15-25-200-010;

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT.NO.	STATION	OFFSET	NORTHING	EASTING
131	2330+62.59	50.25' RT.	1,888,415.2877	1,126,826.0433
161	2330+62.60	62.25' RT.	1,888,403.2937	1,126,826.4213
869	2331+20.23	57.87' RT.	1,888,409.4871	1,126,883.8897
870	2331+20.23	62.25' RT.	1,888,405.1093	1,126,884.0277
163	2331+29.09	50.25' RT.	1,888,417.3826	1,126,892.5103
868	2331+29.09	57.87' RT.	1,888,409.7663	1,126,892.7504

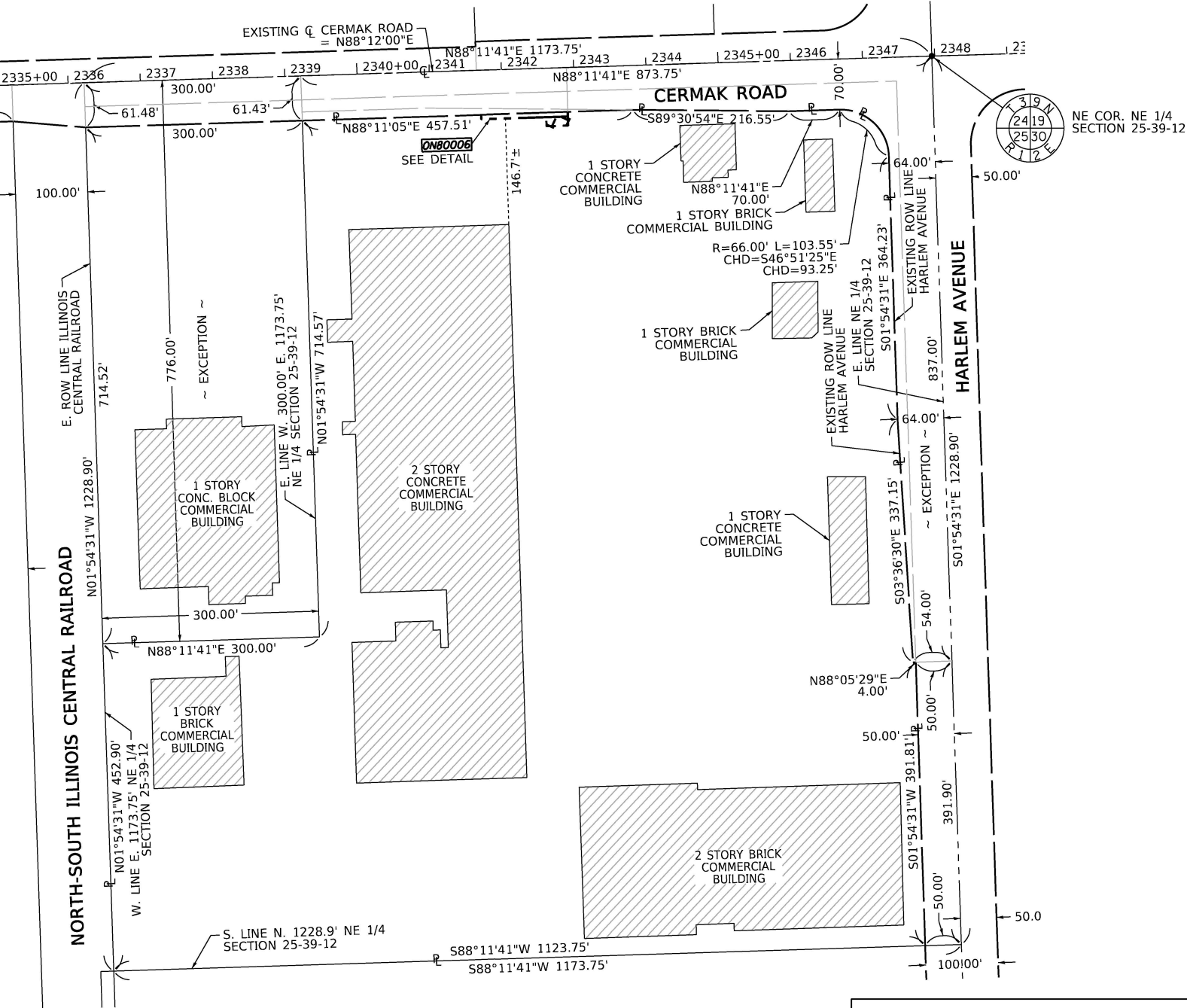


- LEGEND
- ⊙ TRAFFIC SIGNAL
 - ⊙ TRAFFIC SIGNAL MAST ARM
 - ⊙ TRAFFIC SIGNAL CONTROLLER
 - ⊙ HANDHOLE
 - ⊙ LIGHT POLE
 - ⊙ MANHOLE
 - ⊙ FIRE HYDRANT
 - ⊙ WATER VALVE
 - ⊙ GAS VALVE
 - ⊙ DOUBLE HANDHOLE
 - ⊙ JUNCTION BOX



REVISION DATE: 03/08/2024 REVISION MADE BY: JLS REVISED ROW.

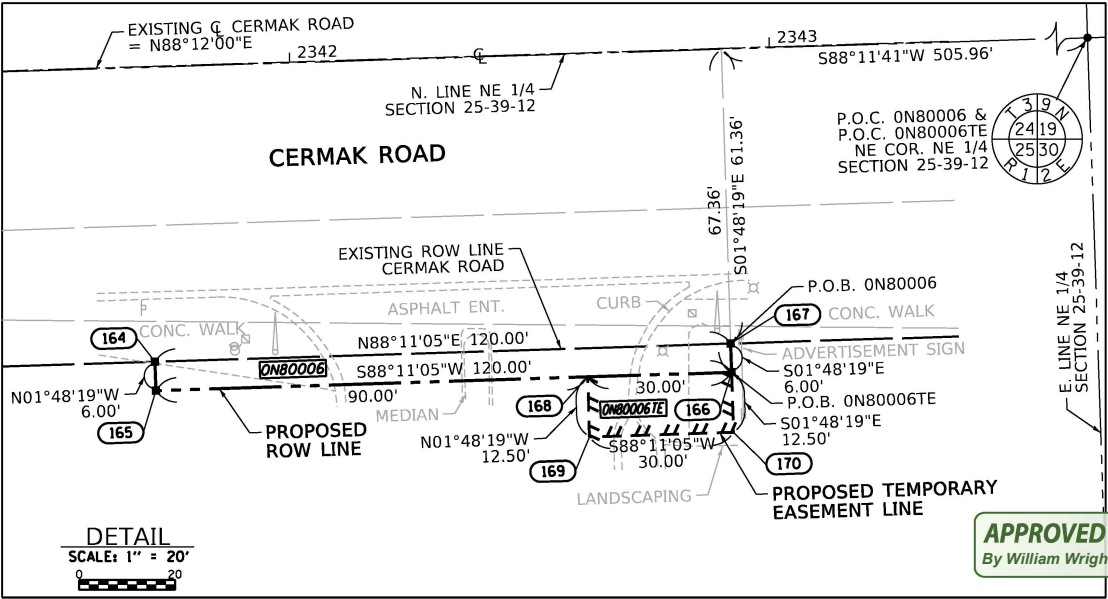
PART OF THE NE 1/4 OF SECTION 25, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0N80006	24.918	0.017 (720 SQ.FT.)		24.902	0.009	375	15-25-201-002;
0N80006TE							

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ CERMAK (22nd STREET) ROAD						
PT.NO.	STATION	OFFSET	NORTHING	EASTING		
164	2341+70.00	61.53' RT.	1,888,438.7946	1,127,933.2566		
165	2341+70.00	67.53' RT.	1,888,432.7976	1,127,933.4456		
168	2342+60.00	67.51' RT.	1,888,435.6485	1,128,023.4005		
169	2342+60.00	80.01' RT.	1,888,423.1547	1,128,023.7942		
166	2342+90.00	67.50' RT.	1,888,436.5988	1,128,053.3854		
167	2342+90.00	61.50' RT.	1,888,442.5959	1,128,053.1964		
170	2342+90.00	80.00' RT.	1,888,424.1050	1,128,053.7792		



LEGEND

SECTION CORNER
QUARTER CORNER

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

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

GRAPHIC SCALE
FEET
0 100
SCALE: 1" = 100'

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997258.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON APRIL 2020.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____, 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT L, JOLIET, ILLINOIS 60431
(815) 744-3720 cwhite@cwawhite.com
CWA Job #7198

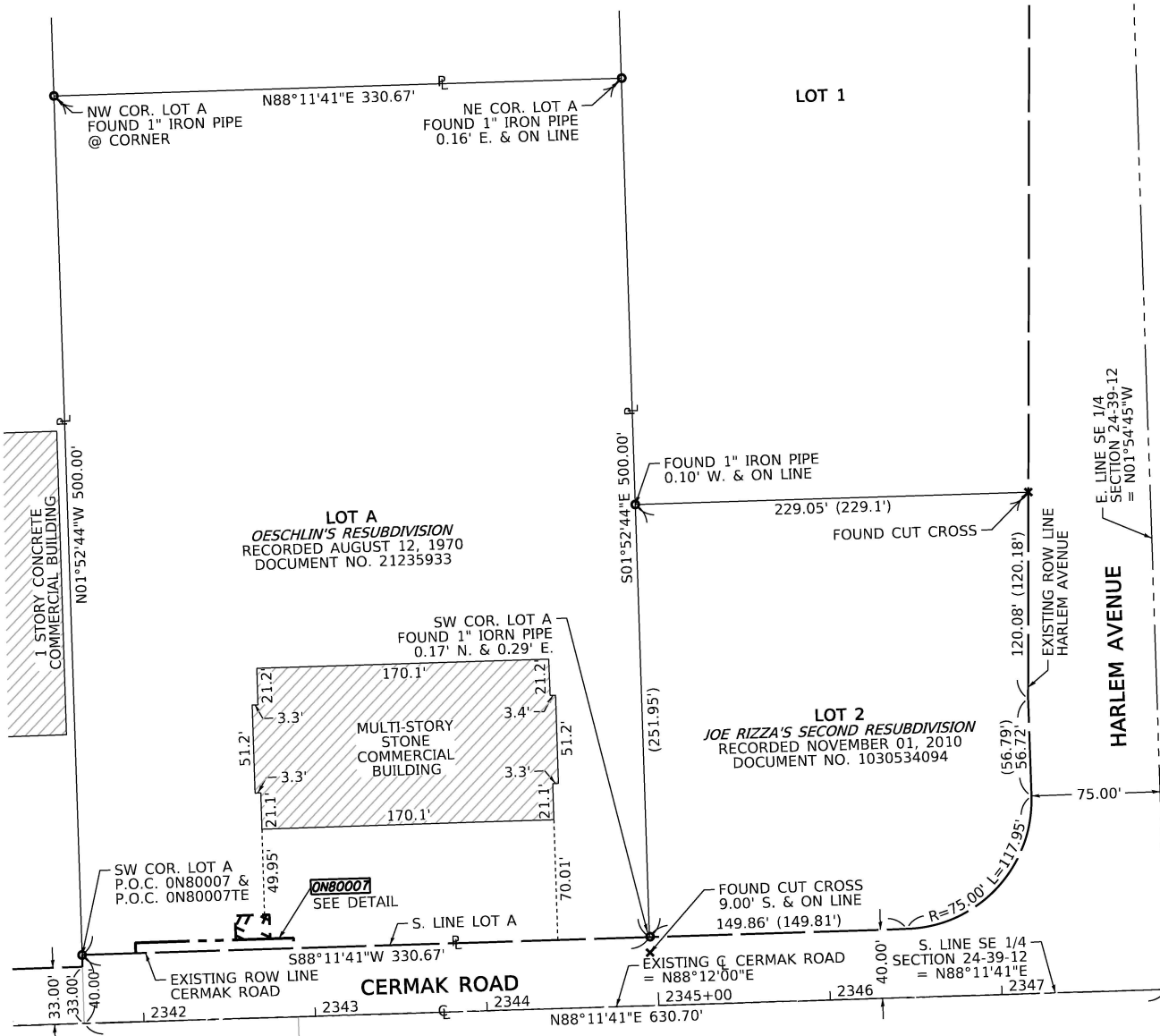
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 56 / 22nd ST / CERMAK RD

LIMITS: YORK ROAD TO IL-50
SECTION: SMART CORRIDORS
STA. 2341+70.00 TO STA. 2342+90.00
SCALE: 1" = 100'

COUNTY: COOK
JOB NO.: R-90-036-22
SHEET 6 OF 7 SHEETS

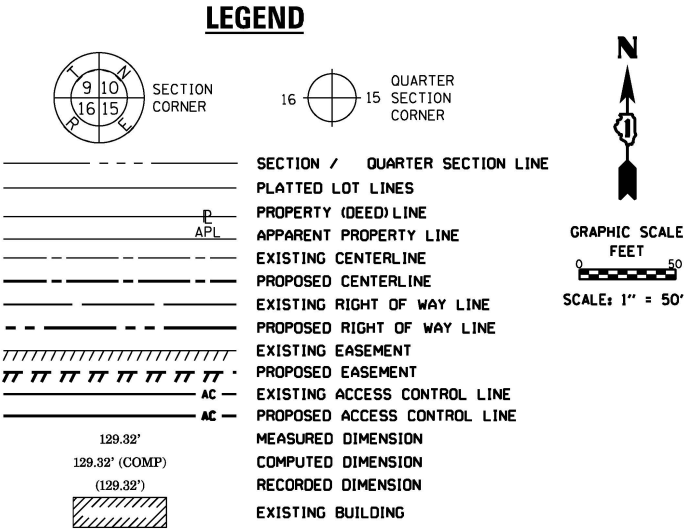
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SE 1/4 OF SECTION 24, TWP. 39 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
ON80007	3.796	0.013 (552 SQ.FT.)		3.783			15-24-403-018;
ON80007TE					0.006	280	

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ CERMAK (22nd STREET) ROAD				
PT.NO.	STATION	OFFSET	NORTHING	EASTING
189	2341+96.47	39.85' LT.	1,888,540.9624	1,127,956.5300
190	2341+96.47	45.85' LT.	1,888,546.9594	1,127,956.3410
193	2342+54.97	45.86' LT.	1,888,548.8022	1,128,014.8119
194	2342+54.97	59.86' LT.	1,888,562.7953	1,128,014.3709
195	2342+74.97	59.86' LT.	1,888,563.4253	1,128,034.3610
196	2342+74.97	45.86' LT.	1,888,549.4323	1,128,034.8020
191	2342+88.47	45.86' LT.	1,888,549.8575	1,128,048.2953
192	2342+88.47	39.86' LT.	1,888,543.8605	1,128,048.4843



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99997258.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON APRIL 2020.

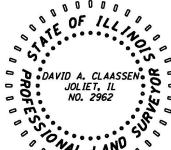
STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 24, TOWNSHIP 39 NORTH, RANGE 12 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 _____, ILLINOIS THIS ____ DAY OF _____, 2022 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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



CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 cklassenwhite@cwasurevey.com
CWA Job #7198

TOTAL SHEETS
492
SHEET NUMBER
151

IDOT USE ONLY

APPROVED
By William Wright at 11:00 am, Apr 29, 2022

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 56 /22nd ST /CERMAK RD

LIMITS: YORK ROAD TO IL-50 COUNTY: COOK
SECTION: SMART CORRIDORS JOB NO.: R-90-036-22
STA. 2341+96.47 TO STA. 2342+88.47
SCALE: 1" = 50' SHEET 7 OF 7 SHEETS

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

REVISION DATE: 04/15/2021 REVISION MADE BY: JLS ADD BUILDING DETAILS

TRAFFIC SIGNAL LEGEND

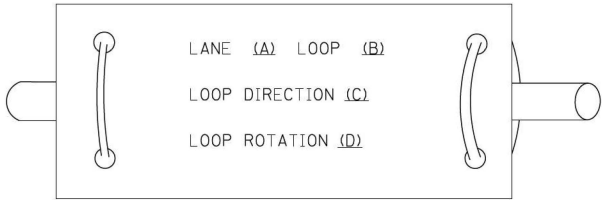
(NOT TO SCALE)

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

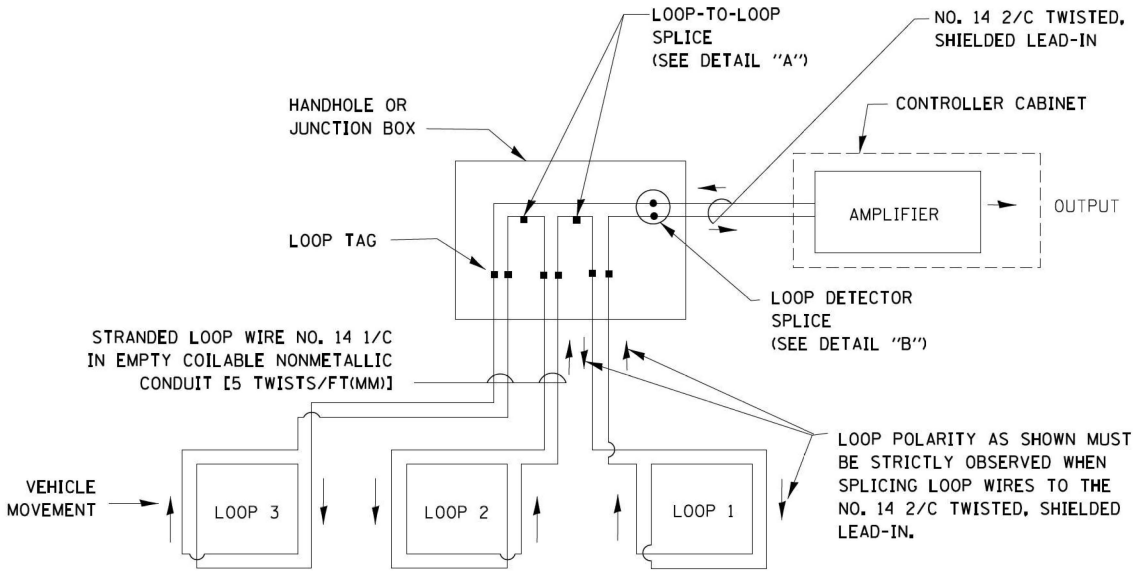
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

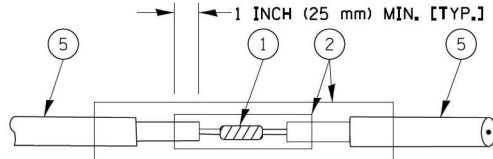


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP *1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

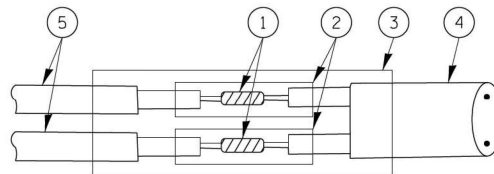


DETECTOR LOOP WIRING SCHEMATIC

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

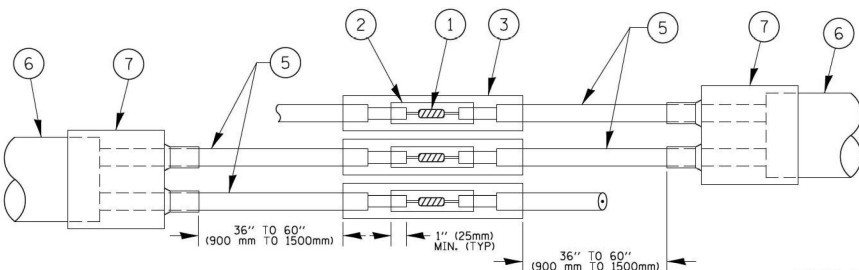


DETAIL "A"
LOOP-TO-LOOP SPLICE

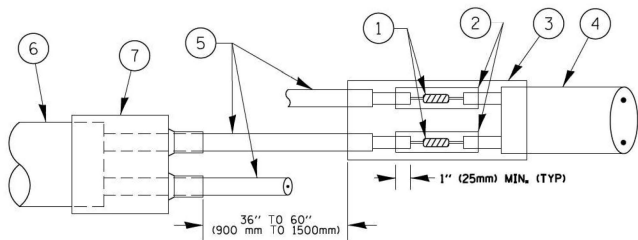


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

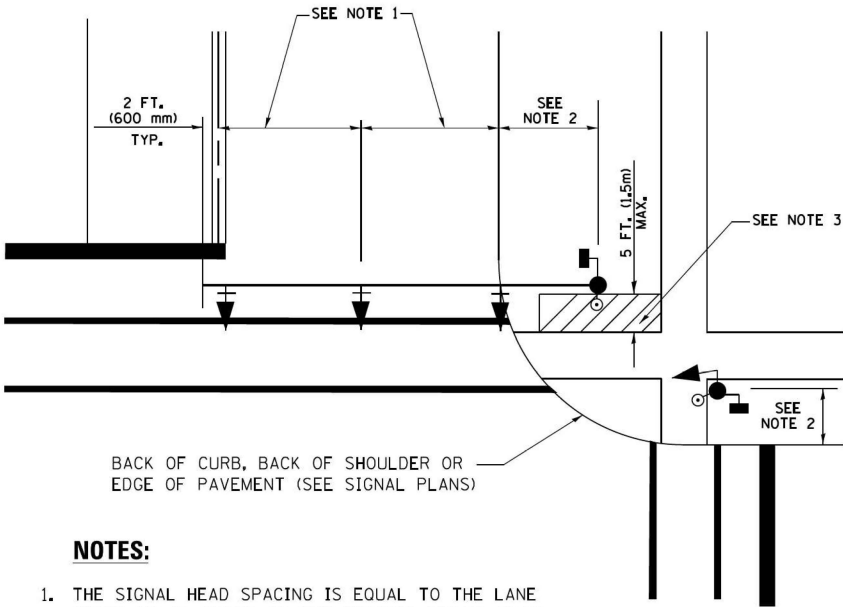
PRE-FORMED LOOP

LOOP DETECTOR SPLICE

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

FILE NAME = c:\pwwork\pwwork\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1in.	DRAWN - BCK	REVISED -					XXXX	XXXXXX	XXXX	492	153
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		CONTRACT NO. 62N39			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	DATE - 10-28-09	DATE -	REVISED -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.					

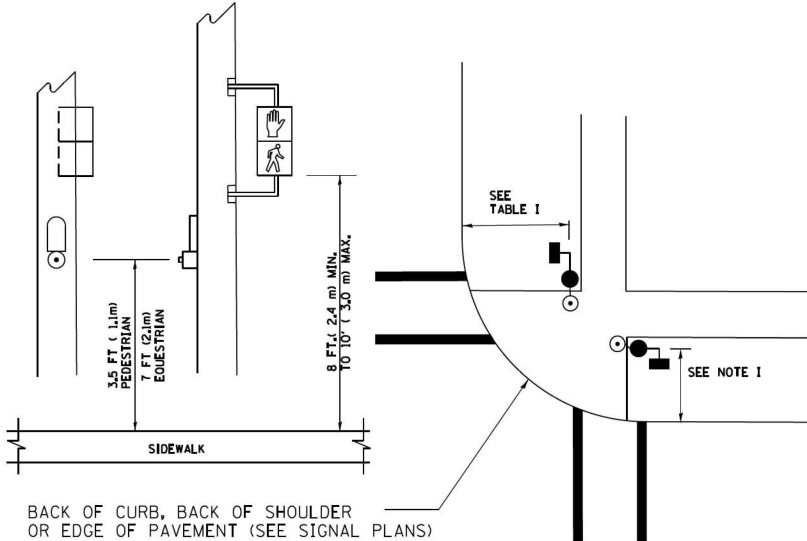
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

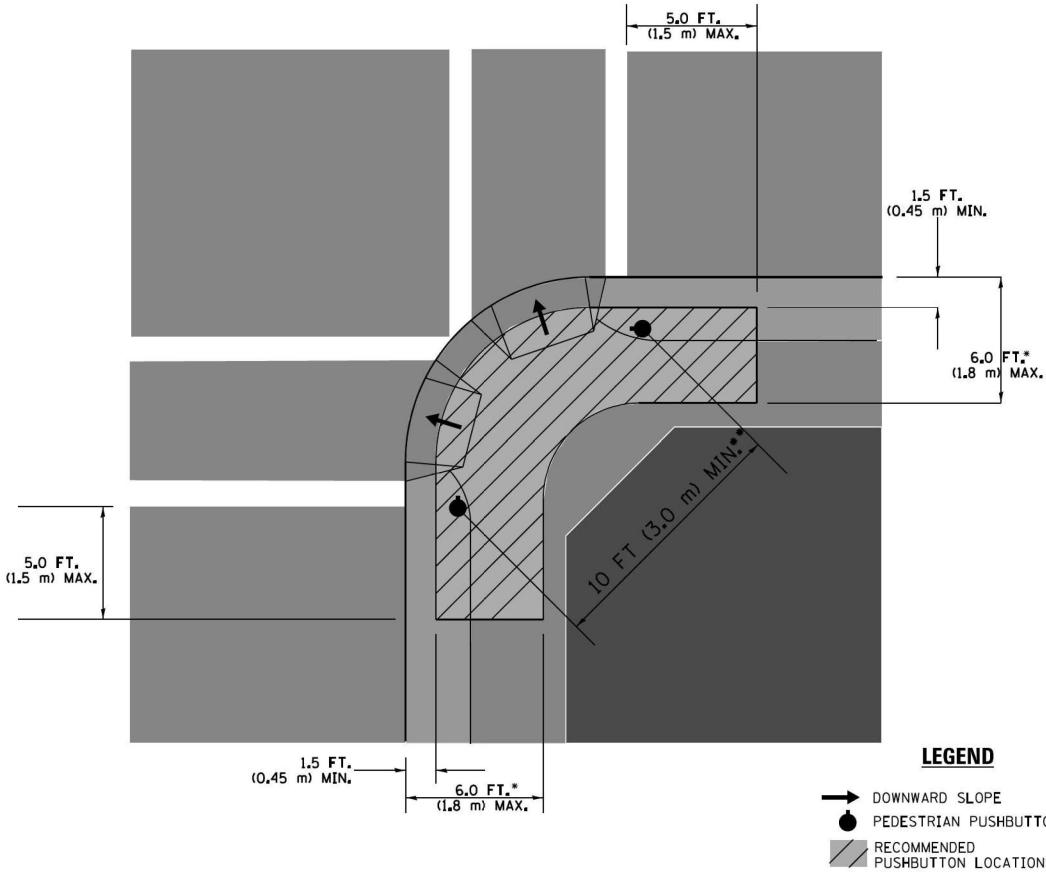
PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST



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.

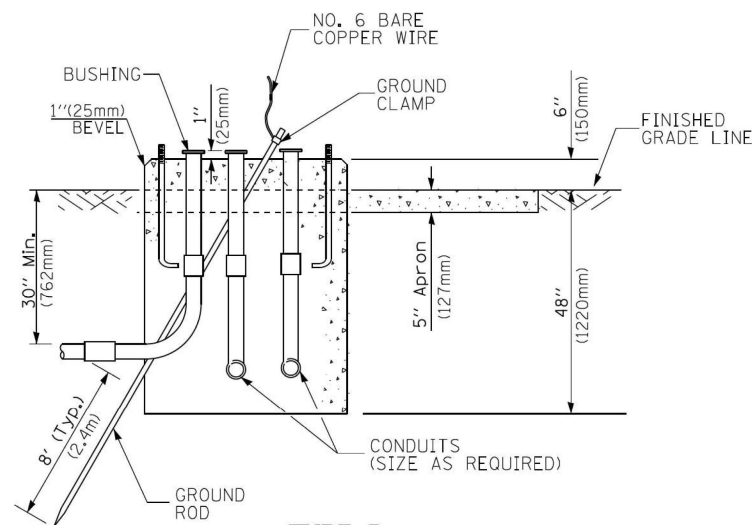
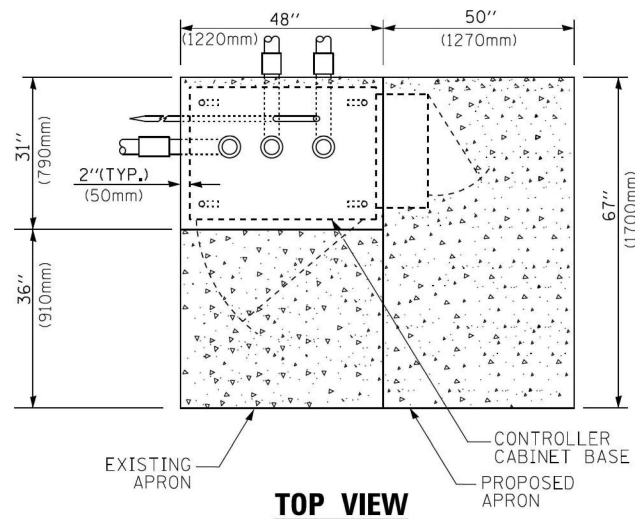
TRAFFIC SIGNAL EQUIPMENT OFFSET

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.

FILE NAME = c:\pwwork\pww\dot\Footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BCK	CHECKED - DAD	REVISED -							XXXX	XXXXXX	XXXX	492	154
	PLOT SCALE = 50.0000 ' / in.	DATE - 10-28-09	REVISED -		TS-05					CONTRACT NO. 62N39				
	PLOT DATE = 1/13/2014													
					SCALE: NONE	SHEET NO. 3	OF 7	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

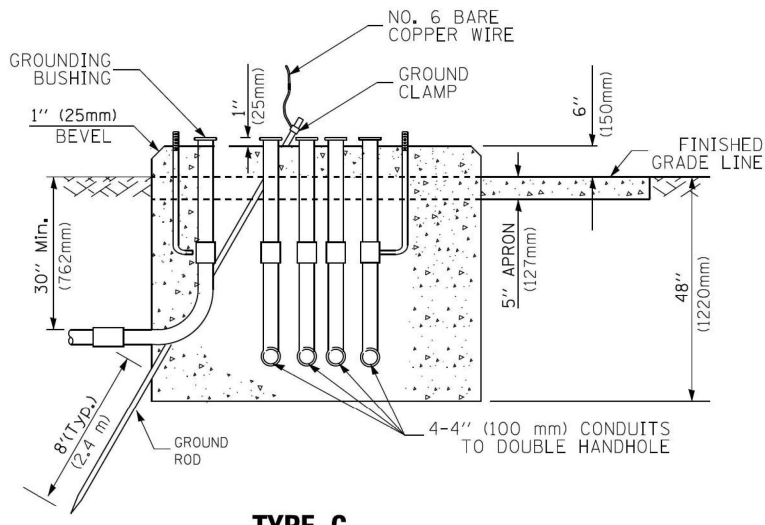
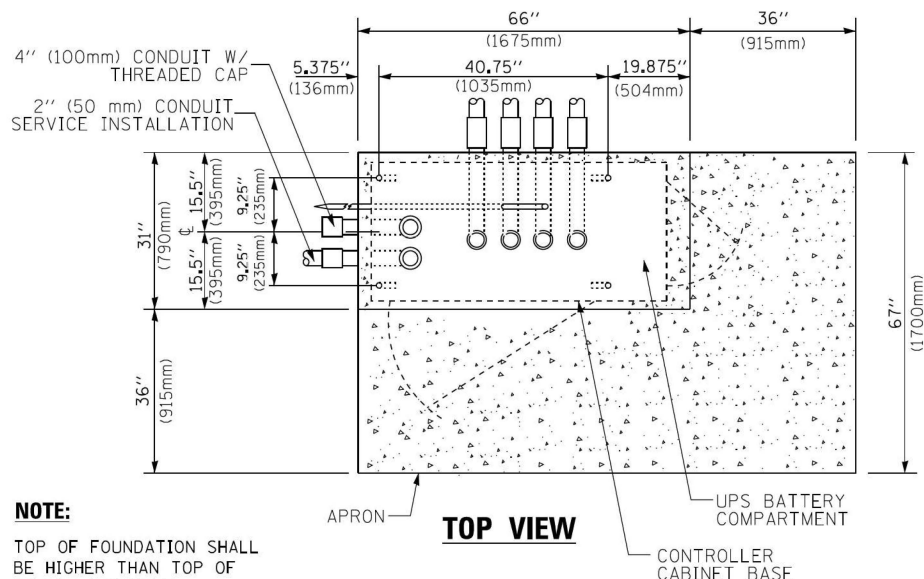


TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET

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

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

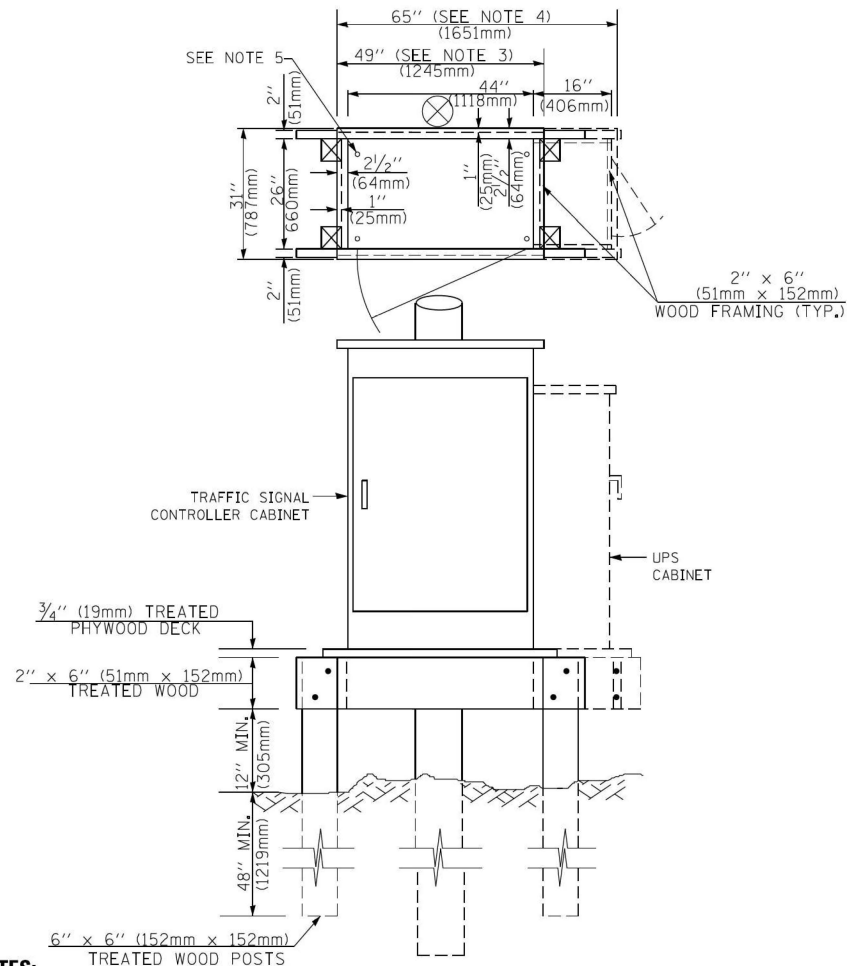
VERTICAL CABLE LENGTH



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

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



TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

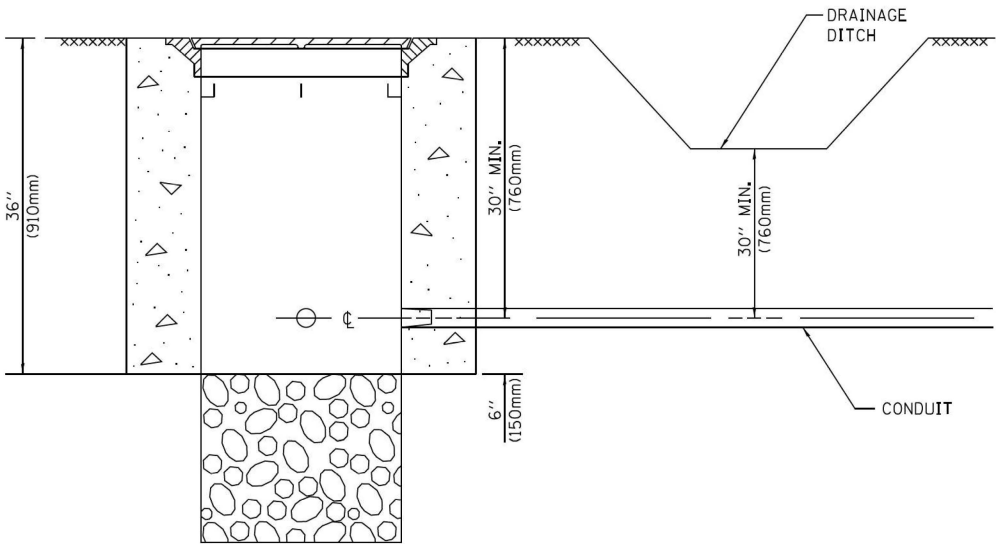
- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET 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.

Max ¹ Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and less than 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 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 (Q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
 4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

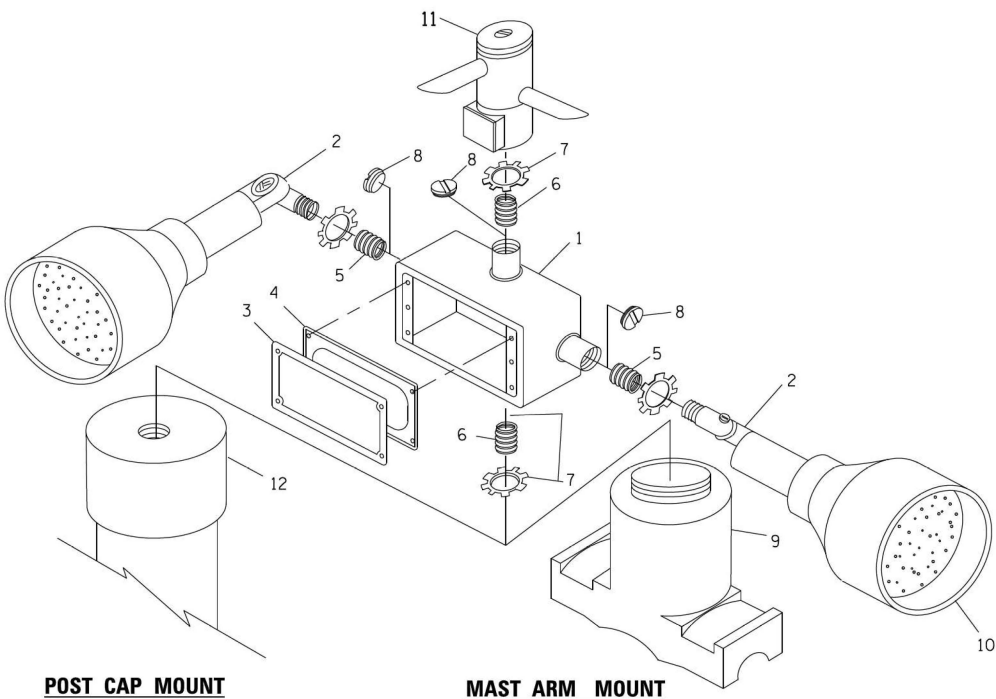
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cs\pw_work\pwidot\footemj\d0108315\ts05.dgn	DRAWN - BCK	REVISED -	xxxx					xxxxxxx	xxxx	492	156	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -	TS-05					CONTRACT NO. 62N39				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	SCALE: NONE		SHEET NO. 5 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



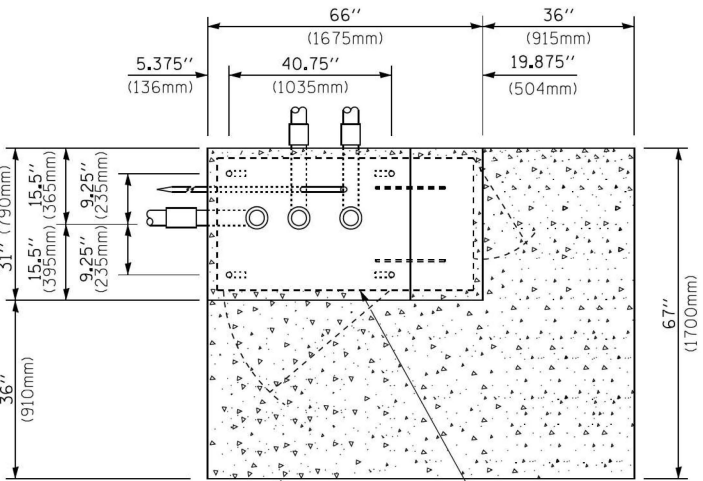
NOTES:

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

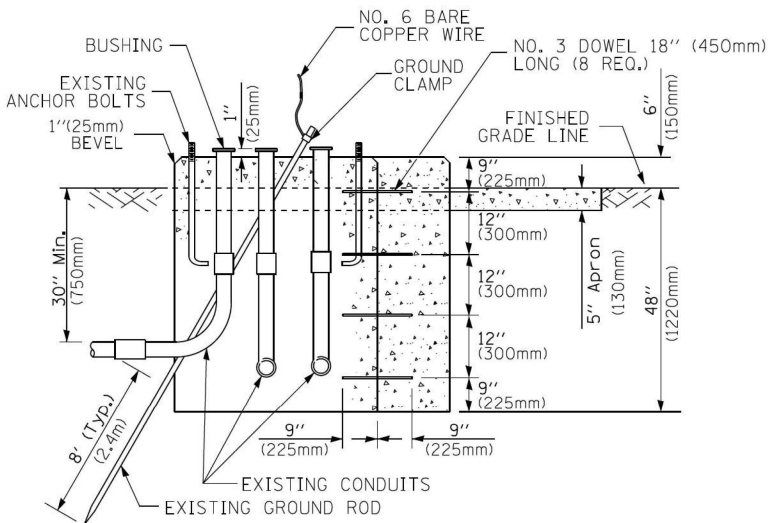
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

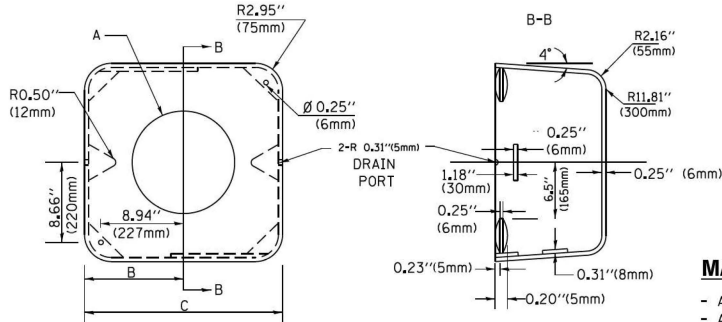


MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"/>



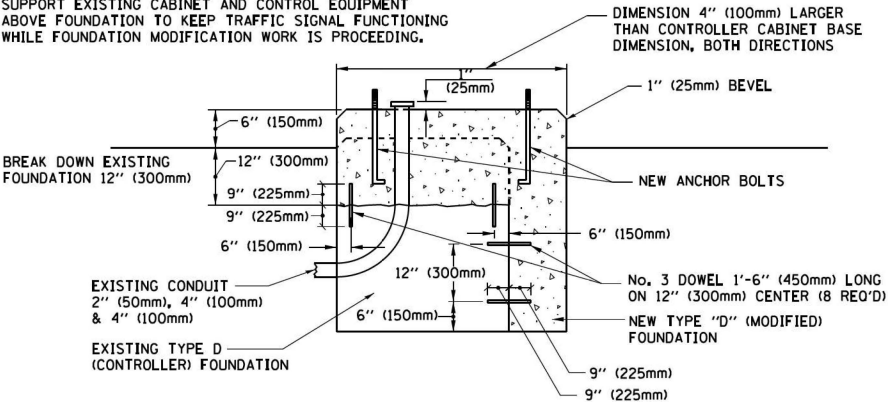
SHROUD

NOTES:

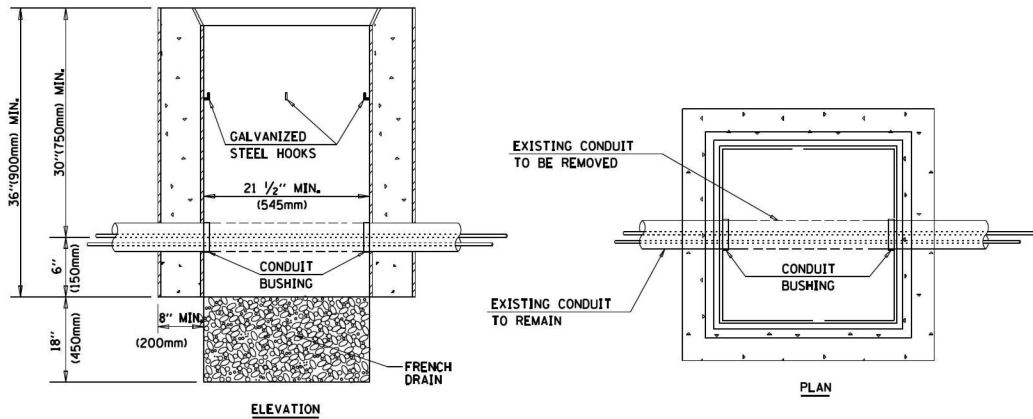
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

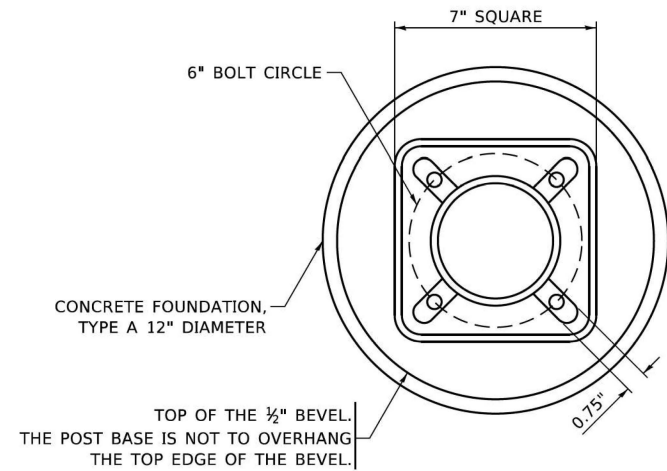


NOTES:

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.

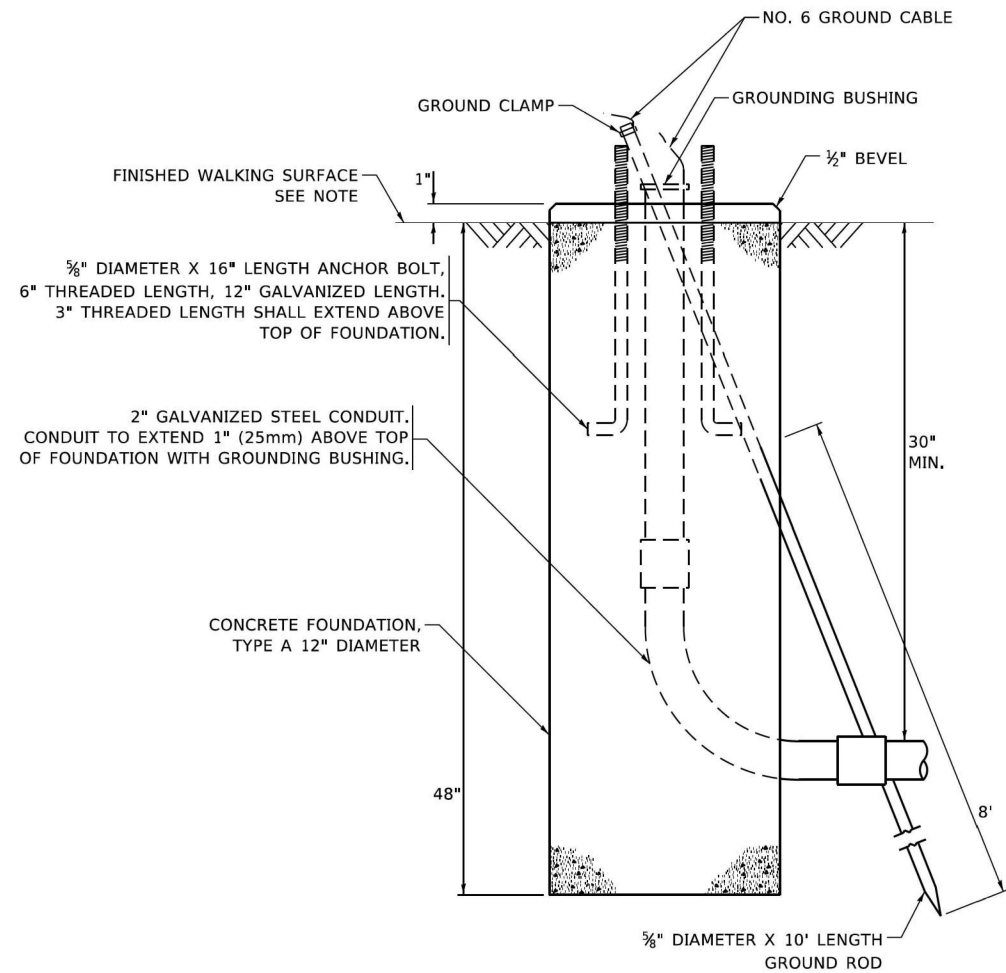
HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwwork\pwwork\footemj\00108315\ts05.dgn		DRAWN - BCK	REVISED -		STANDARD TRAFFIC SIGNAL DESIGN DETAILS			XXXX	XXXXXX	XXXX	492	157
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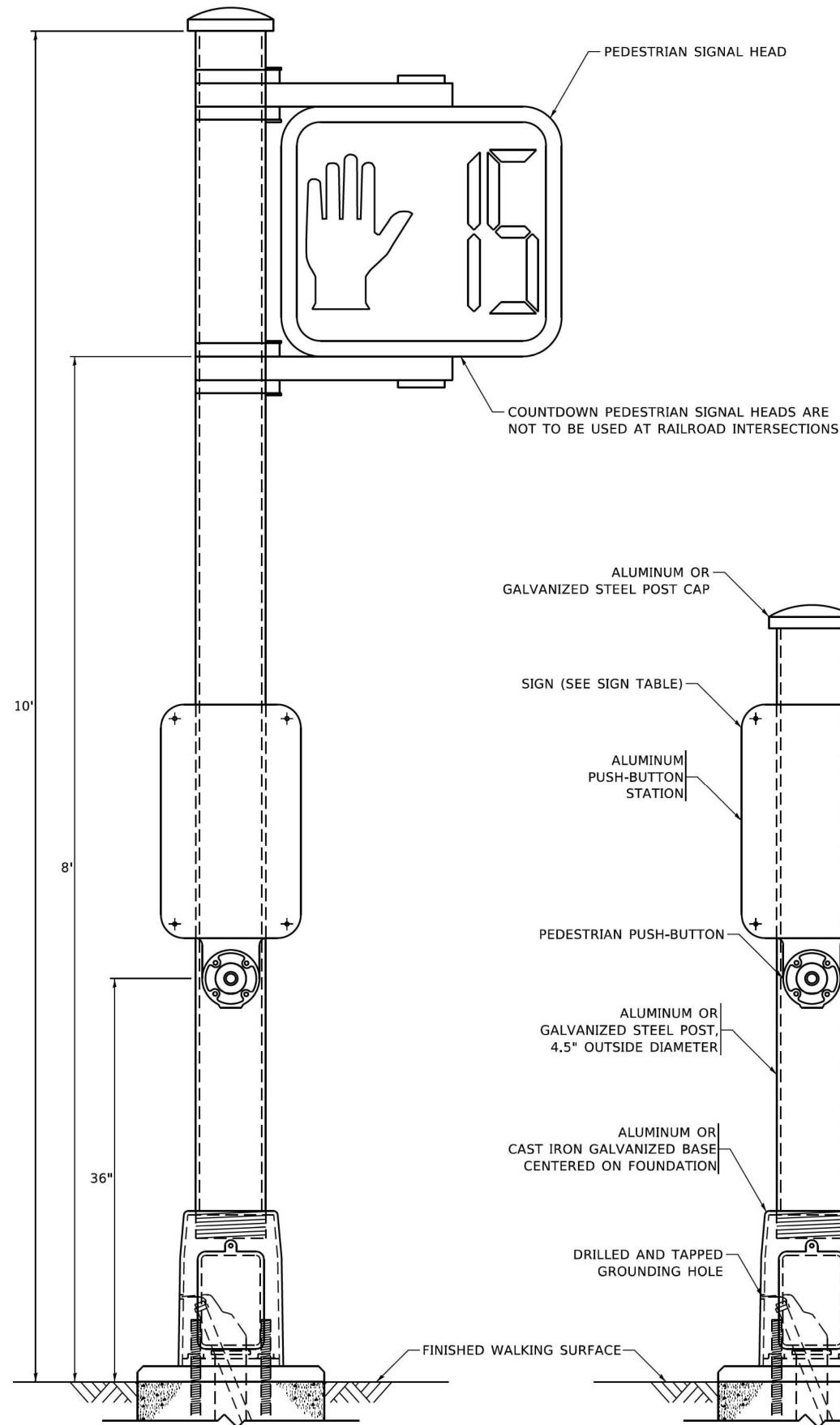


BOLT PATTERN

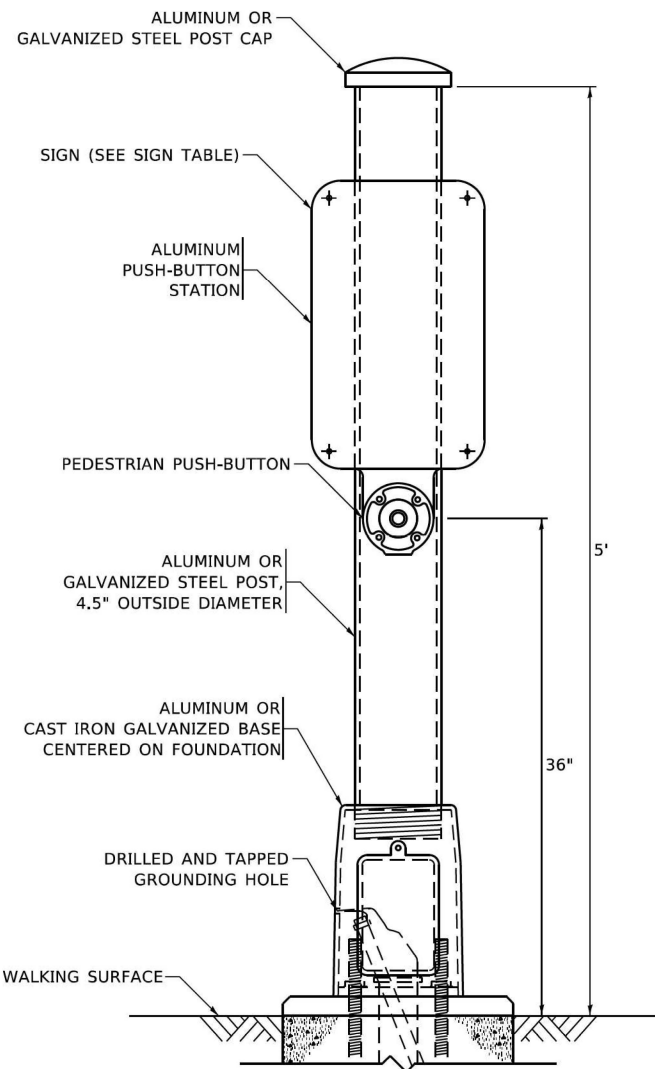
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



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



PEDESTRIAN SIGNAL POST, 10 FT.



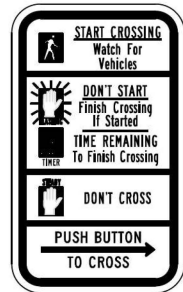
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



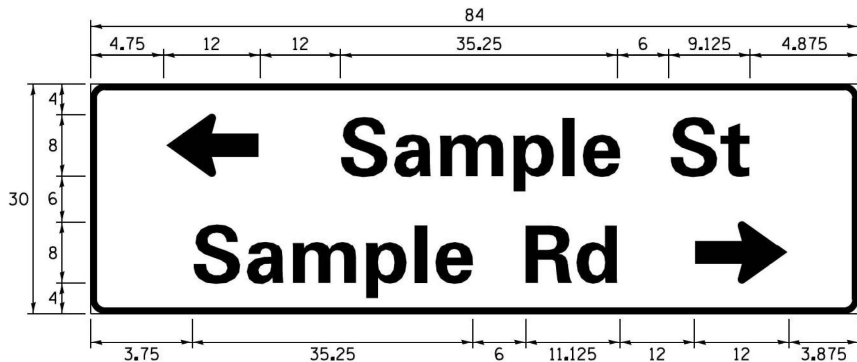
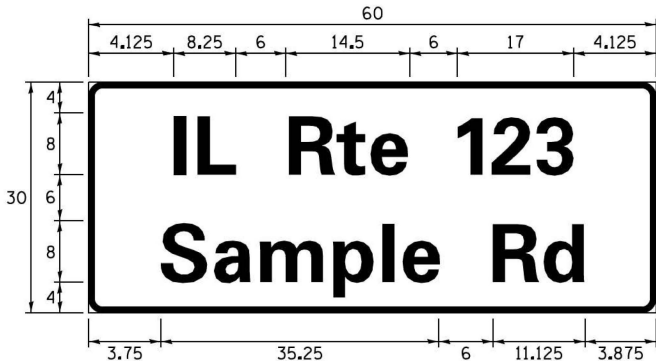
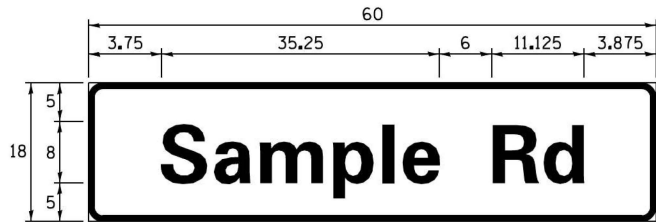
R10-3e

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.

SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THERE IS SPACE AVAILABLE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

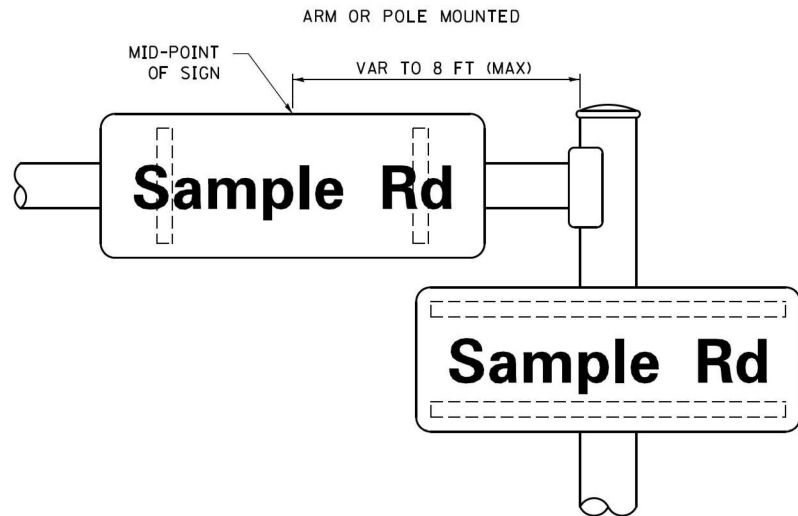
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

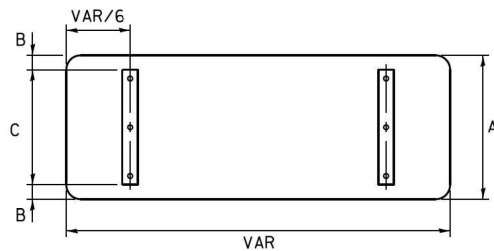
- SIGN CHANNEL
SIGN SCREWS
BRACKETS
- PART *HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
PART *HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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

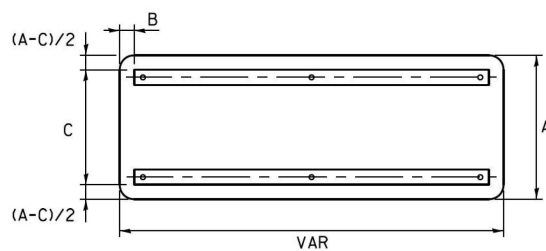
MOUNTING LOCATION



SUPPORTING CHANNELS



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



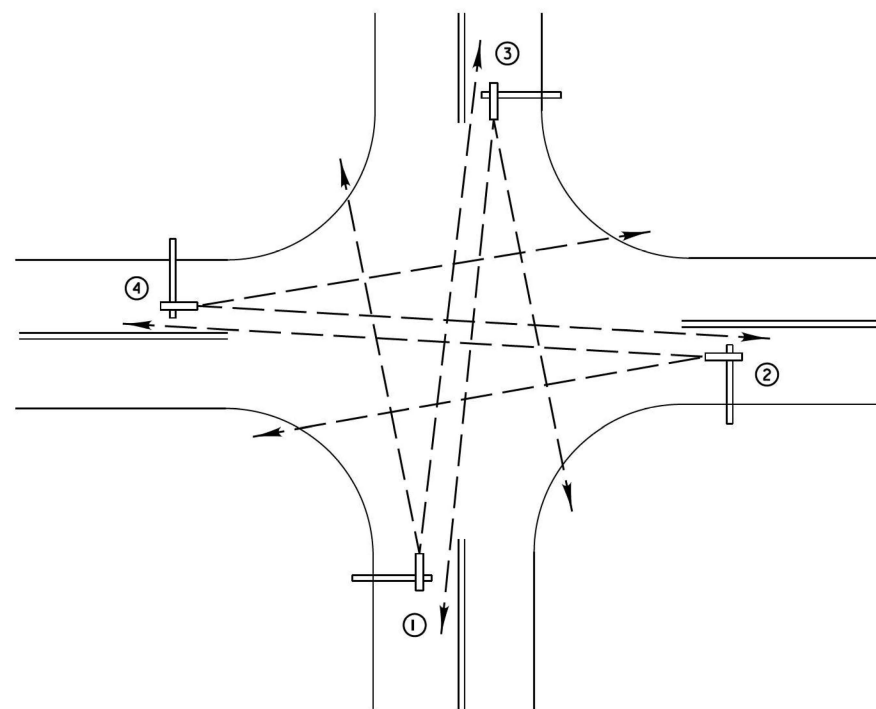
A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

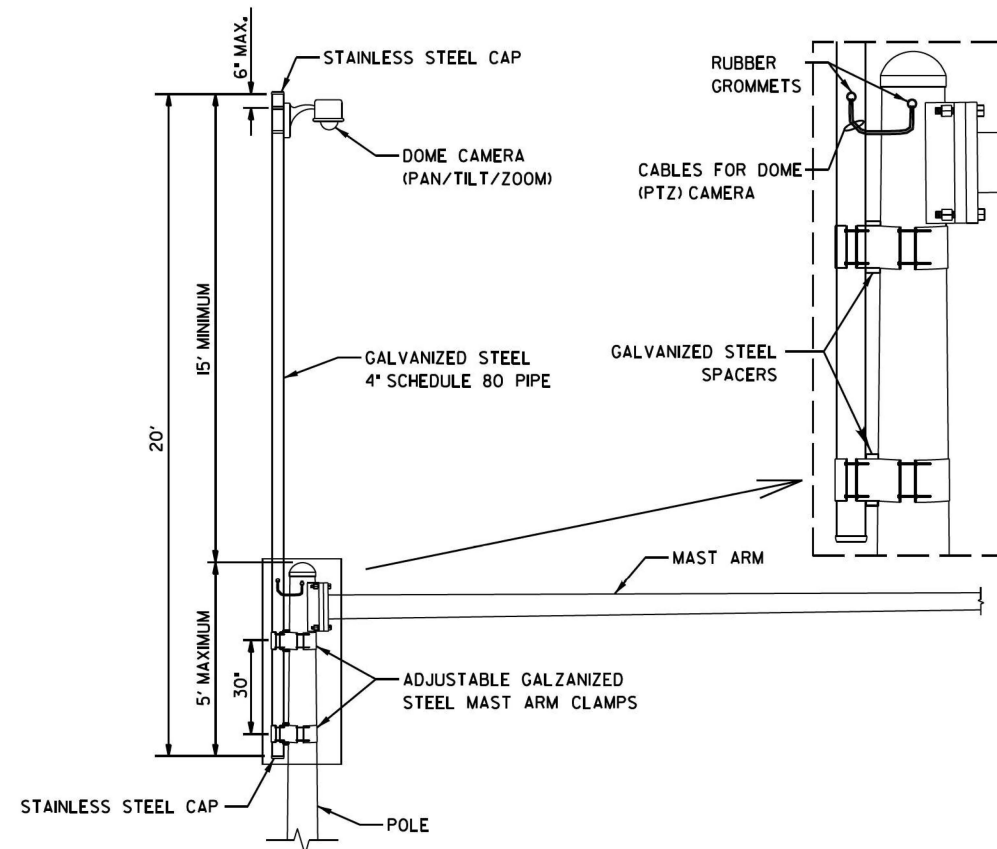
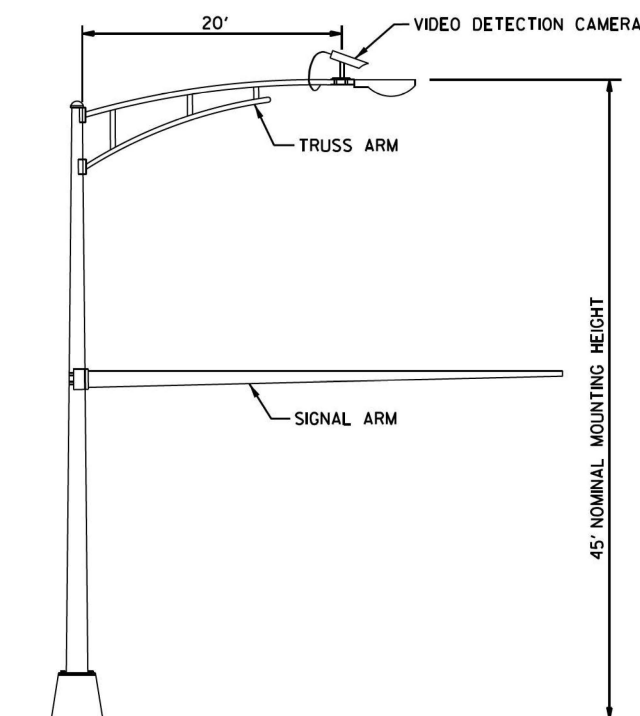
(8") UPPER CASE AND (6") LOWER CASE

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

FILE NAME =	USER NAME = pocsechal	DESIGNED – LP/IP	REVISED –	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\Manuals and Reference Materials\CAADD\Details\ts02.dgn		DRAWN – LP	REVISED –		MAST ARM MOUNTED STREET NAME SIGNS				XXXX	XXXXXX	XXXX	492	159
	PLOT SCALE = 50.0000 ' / in.	CHECKED – IP	REVISED –						TS-02		CONTRACT NO. 62N39		
Default	PLOT DATE = 9/22/2014	DATE – 10/01/2014	REVISED –		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

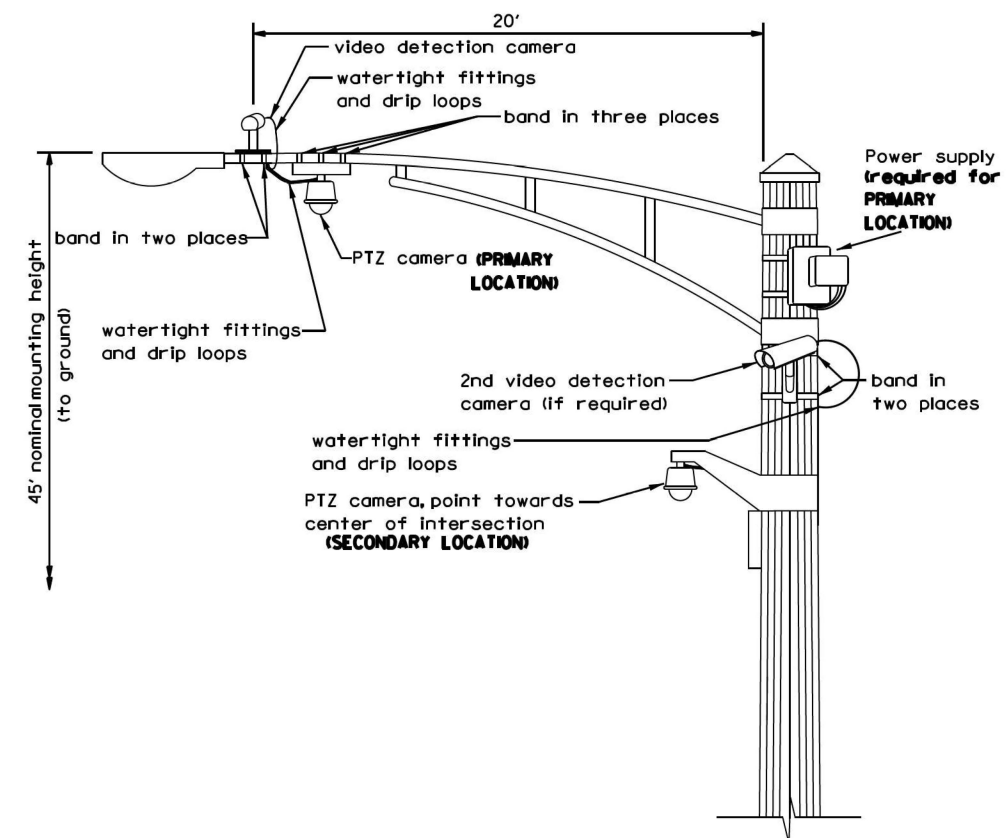


(4) VIDEO DETECTION CAMERA ASSEMBLIES AND BRACKETS (1) (2) (3) (4)



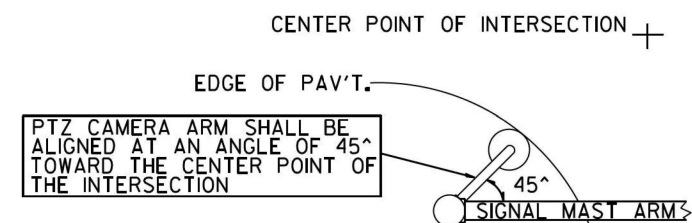
CAMERA MOUNTING ASSEMBLY DETAIL

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



VIDEO DETECTION CAMERA(S) AND
DOME (PTZ) CAMERA MOUNTING DETAIL
(NOT TO SCALE)

- NOTES FOR SINGLE, DUAL AND MULTIPLE CAMERA MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
 - MOUNT VIDEO DETECTION CAMERA AIMING DOWN TOWARD THE DIRECTION OF TRAFFIC TO BE DETECTED.



REVISIONS		DATE	 Lake County Division of Transportation		APPROVED BY: J. P. NELSON		
Mounting Details Revised		05/01/08			DATE: JUNE 13, 2014		
2nd Camera Locat. added		01/14/09	CAMERA MOUNTING DETAILS				
Mast Arm Taper Detail		06/01/12					
Mounting Details Revised		06/13/14					
PROJECT NAME			ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
COUNTY STANDARDS & DETAILS			XXXX	XXXXXX	XXXX	492	160

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

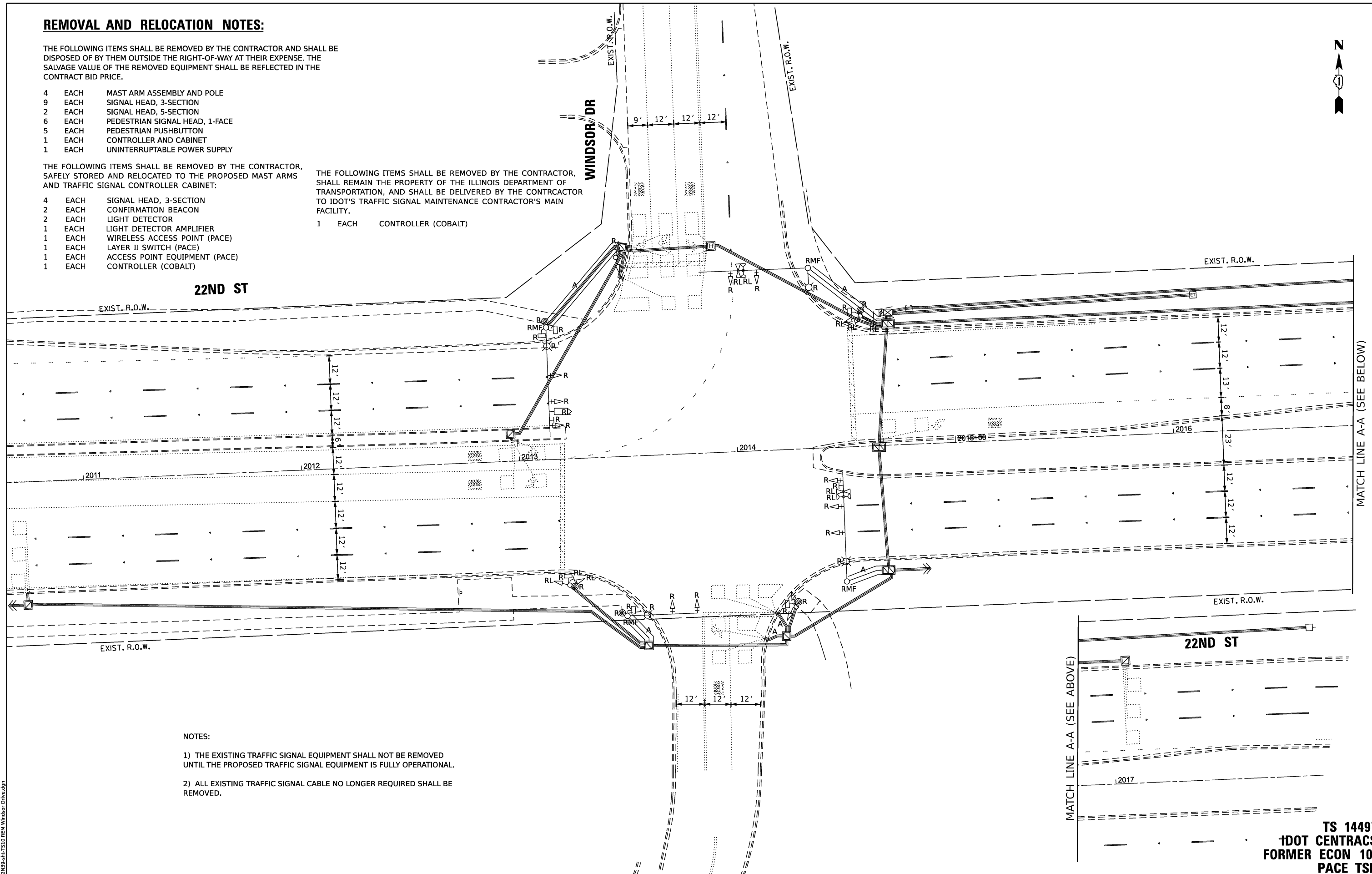
- | | | |
|---|------|--------------------------------|
| 4 | EACH | MAST ARM ASSEMBLY AND POLE |
| 9 | EACH | SIGNAL HEAD, 3-SECTION |
| 2 | EACH | SIGNAL HEAD, 5-SECTION |
| 6 | EACH | PEDESTRIAN SIGNAL HEAD, 1-FACE |
| 5 | EACH | PEDESTRIAN PUSHBUTTON |
| 1 | EACH | CONTROLLER AND CABINET |
| 1 | EACH | UNINTERRUPTABLE POWER SUPPLY |

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER CABINET:

- | | | |
|---|------|-------------------------------|
| 4 | EACH | SIGNAL HEAD, 3-SECTION |
| 2 | EACH | CONFIRMATION BEACON |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFIER |
| 1 | EACH | WIRELESS ACCESS POINT (PACE) |
| 1 | EACH | LAYER II SWITCH (PACE) |
| 1 | EACH | ACCESS POINT EQUIPMENT (PACE) |
| 1 | EACH | CONTROLLER (COBALT) |

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRCACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY.

- 1 EACH CONTROLLER (COBALT)



NOTES:

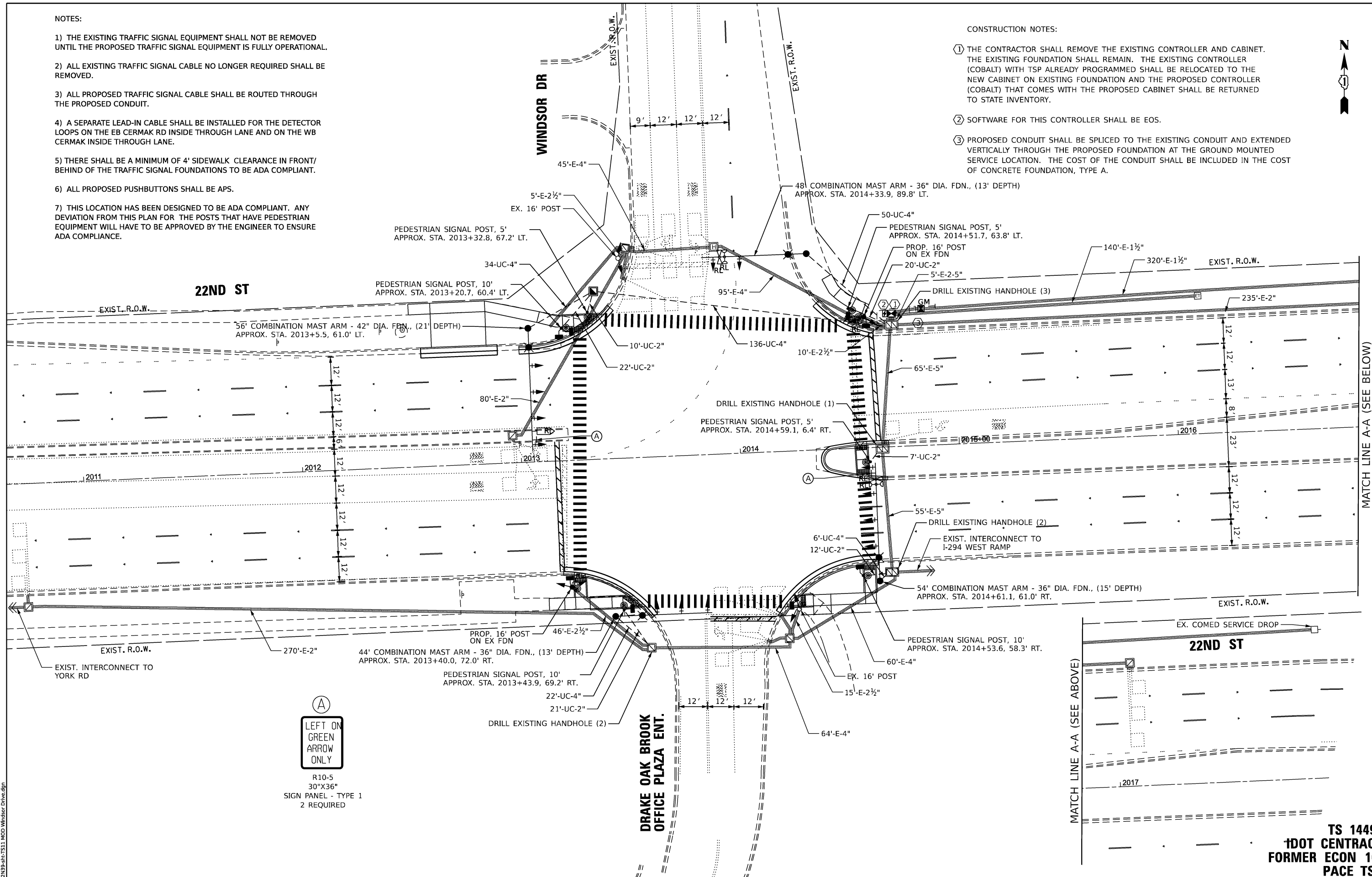
- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

USER NAME = msomer	DESIGNED = TM	REVISED =
	DRAWN = TM, SR	REVISED =
PLOT SCALE = \$SCALE\$	CHECKED = JAR	REVISED =
PLOT DATE = 03/19/2025	DATE = 05/23/2024	REVISED =

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	161
		CONTRACT NO. 62N39		
		ILLINOIS	FED. AID PROJECT	

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT/ BEHIND OF THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 6) ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- 7) THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER AND CABINET. THE EXISTING FOUNDATION SHALL REMAIN. THE EXISTING CONTROLLER (COBALT) WITH TSP ALREADY PROGRAMMED SHALL BE RELOCATED TO THE NEW CABINET ON EXISTING FOUNDATION AND THE PROPOSED CONTROLLER (COBALT) THAT COMES WITH THE PROPOSED CABINET SHALL BE RETURNED TO STATE INVENTORY.
- ② SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.
- ③ PROPOSED CONDUIT SHALL BE SPLICED TO THE EXISTING CONDUIT AND EXTENDED VERTICALLY THROUGH THE PROPOSED FOUNDATION AT THE GROUND MOUNTED SERVICE LOCATION. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE COST OF CONCRETE FOUNDATION, TYPE A.



TS SHT NO. 11

MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-TS11 MOD Windsor Drive.dgn



USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE = 05/23/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

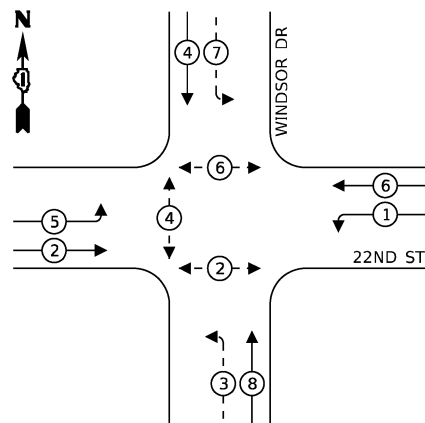
TRAFFIC SIGNAL MODIFICATION PLAN 22ND ST AND WINDSOR DR

SCALE:	1" = 20'	SHEET	OF	SHEETS	STA.	TO STA.
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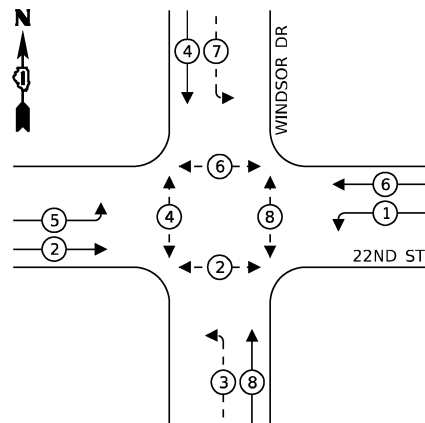
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	162
		CONTRACT NO. 62N39		
		ILLINOIS	FED. AID PROJECT	

**TS 14497
+DOT CENTRACS
FORMER ECON 101
PACE TSP**

EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊙) ← PROTECTED PHASE
← (⊙) - PROTECTED/PERMITTED PHASE
← (⊙) → PEDESTRIAN PHASE
← (⊙) OL OVERLAP

LEGEND:

- ← (⊙) ← PROTECTED PHASE
← (⊙) - PROTECTED/PERMITTED PHASE
← (⊙) → PEDESTRIAN PHASE
← (⊙) OL OVERLAP

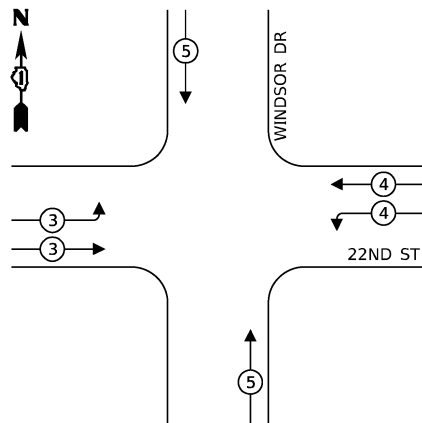
NOTES:

ONLY RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED.

THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.

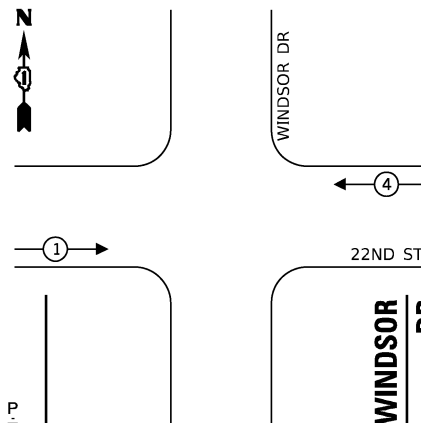
EXISTING AND PROPOSED EMERGENCY VEHICLE

PREEMPTION SEQUENCE



EXISTING AND PROPOSED TRANSIT

SIGNAL PRIORITY PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	17	11	187
4-SECTION	-	14	-
5-SECTION	4	13	52
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	2	35	70
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING			619
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING			2184

ENERGY COSTS TO:

IND.COM

ENERGY SUPPLY:

CONTACT: JOSEPH STACHO

PHONE: (630) 424-5704

COMPANY: COMED

ACCOUNT NUMBER: 07480-93003

METER NUMBER: ---

CABLE PLAN

(NOT TO SCALE)

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
22ND ST AND WINDSOR DR

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	163
				CONTRACT NO. 62N39
ILLINOIS FED. AID PROJECT				

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

USER NAME	= msomer
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

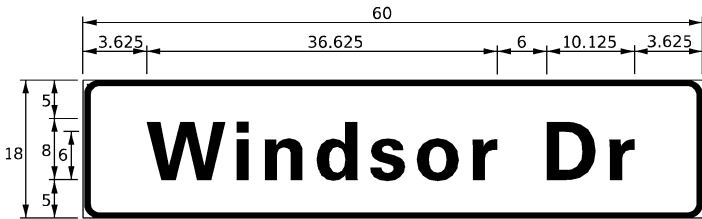
DESIGNED	- TM	REVISED	-
DRAWN	- TM, SR	REVISED	-
CHECKED	- JAR	REVISED	-
DATE	- 05/23/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

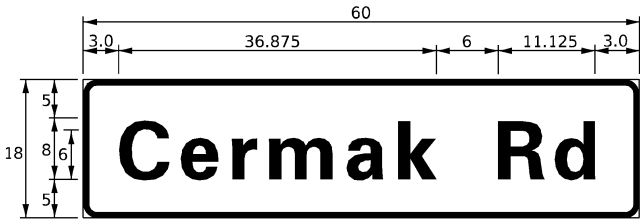
TS 14497
IDOT CENTRACS
FORMER ECON 101
PAGE TSP

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.5	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

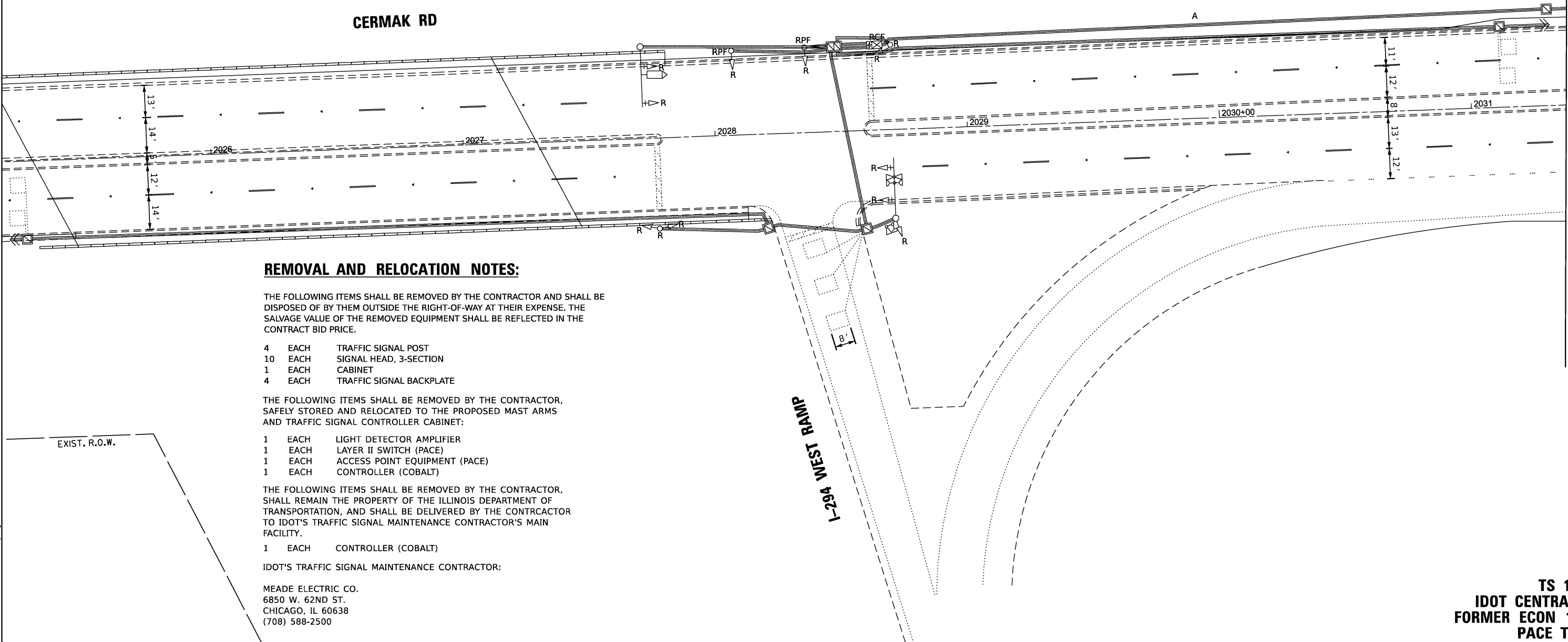
ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	40
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	97
UNDERGROUND CONDUIT, GALVANIZED STELL, 4" DIA.	FOOT	248
HANDHOLE	EACH	1
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1055
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1131
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3016
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	530
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1688
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1535
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
DRILL EXISTING HANDHOLE	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5600
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
LED SIGNAL FACE, VISOR HEATER	EACH	21
ADVANCED TRANSPORTATION CONTROLLER AND TYPE IV STRETCH CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	24
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1
LED SIGNAL MODULE REPLACEMENT	EACH	7

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	164
				CONTRACT NO. 62N39
ILLINOIS FED. AID PROJECT				

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.



REMOVAL AND RELOCATION NOTES:

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

- 4 EACH TRAFFIC SIGNAL POST
- 10 EACH SIGNAL HEAD, 3-SECTION
- 1 EACH CABINET
- 4 EACH TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER CABINET:

- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH LAYER II SWITCH (PACE)
- 1 EACH ACCESS POINT EQUIPMENT (PACE)
- 1 EACH CONTROLLER (COBALT)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRCACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY.

- 1 EACH CONTROLLER (COBALT)

IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR:

MEADE ELECTRIC CO.
6850 W. 62ND ST.
CHICAGO, IL 60638
(708) 588-2500

TS SHT NO. 14

MODEL: 4622-1
FILE NAME: D:\2020-266-SUR\TS14 REM I-294 West Ramps.dgn



USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
CERMAK RD AND I-294 WEST RAMP

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	165
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 135
IDOT CENTRACS
FORMER ECON 101
PACE TSP

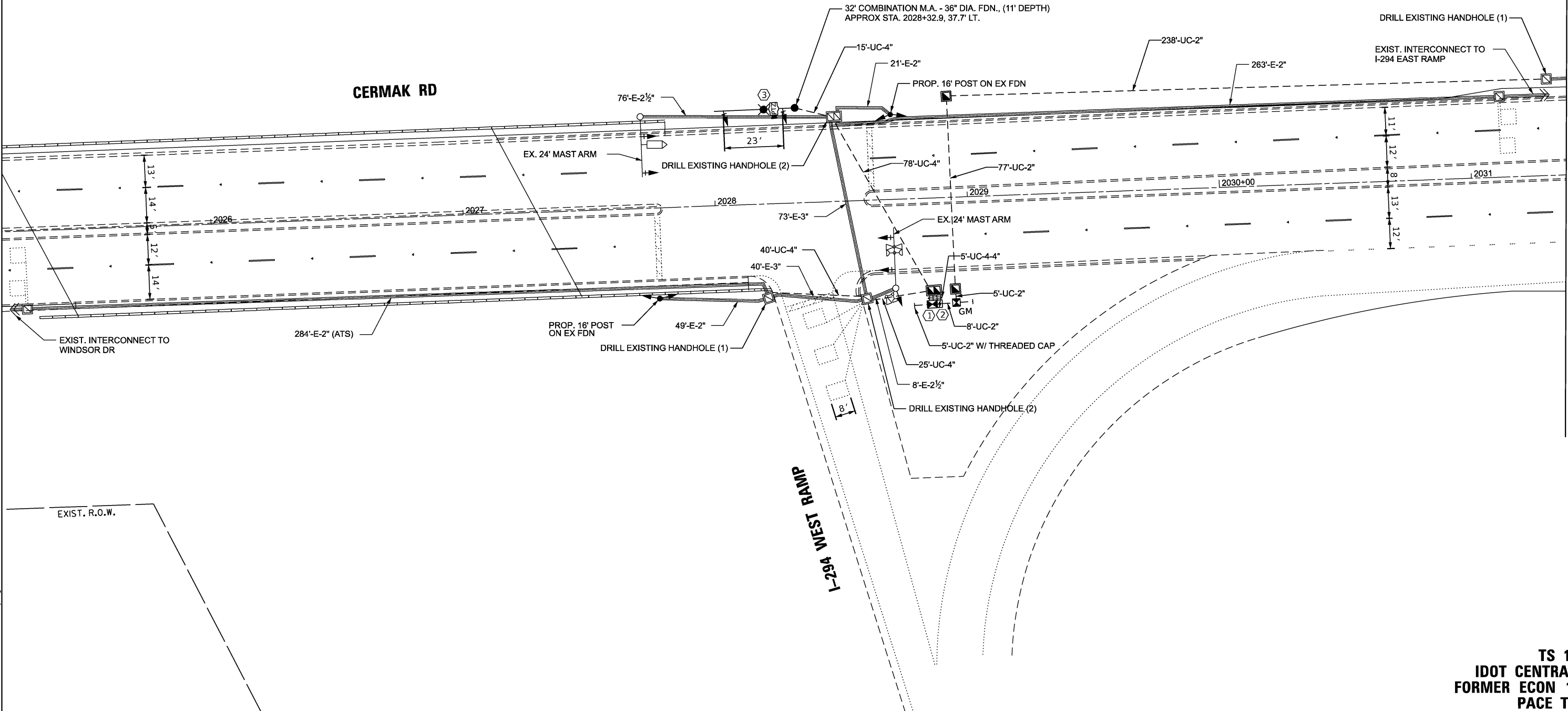
MATCH LINE A-A (SEE NEXT SHEET)

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THE CONTRACTOR IS TO TAKE CAUTION NOT TO DAMAGE THE SIGNALS THAT ARE IN OPERATION.

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER AND CABINET. THE EXISTING CONTROLLER (COBALT) WITH TSP ALREADY PROGRAMMED SHALL BE RELOCATED TO THE NEW CABINET ON EXISTING FOUNDATION AND THE PROPOSED CONTROLLER (COBALT) THAT COMES WITH THE PROPOSED CABINET SHALL BE RETURNED TO STATE INVENTORY.
- ② SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.
- ③ INSTALL A REMOTE-CONTROLLED VIDEO SYSTEM ON THE PROPOSED 15' LUMINAIRE ARM.



TS SHT NO. 15

MODEL NAME: TS15
FILE NAME: 62N39-TS15 MOD1 I-294 West Ramps.dgn

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

USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE	= 05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
CERMAK RD AND I-294 WEST RAMP

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	166
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 135
IDOT CENTRACS
FORMER ECON 101
PAGE TSP



USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

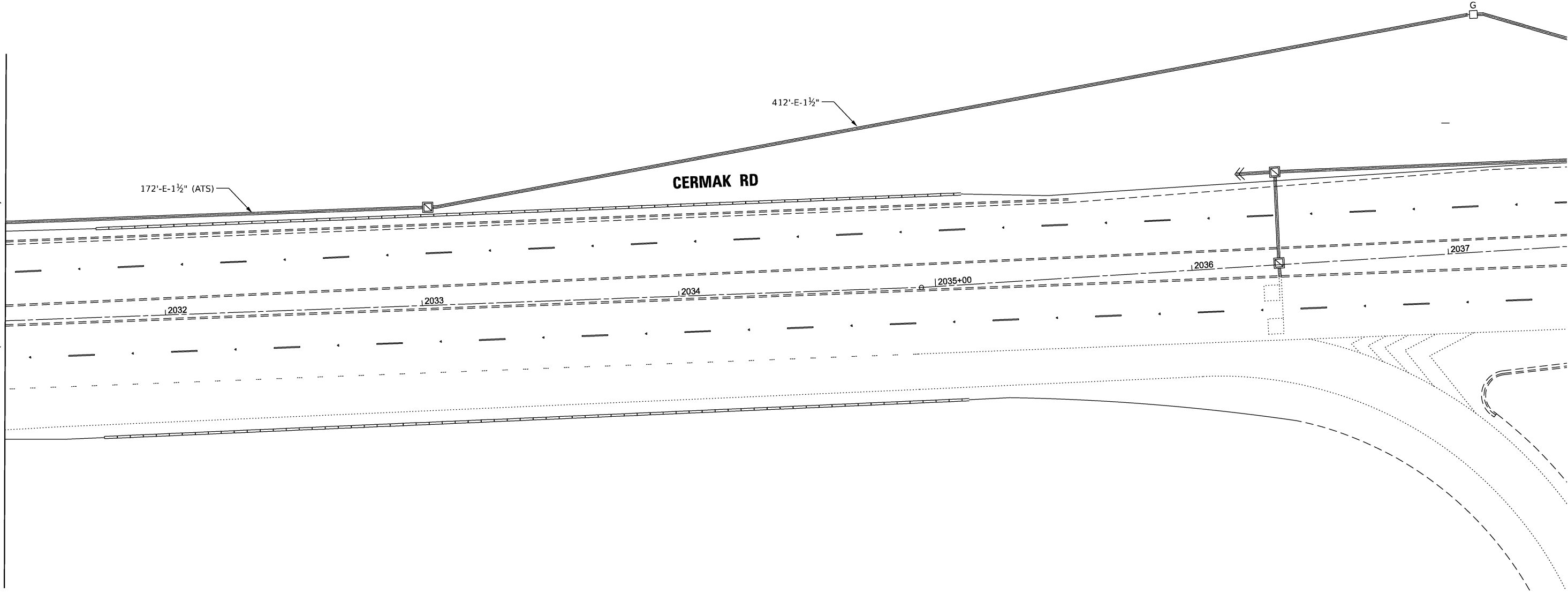
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
CERMAK RD AND I-294 WEST RAMP

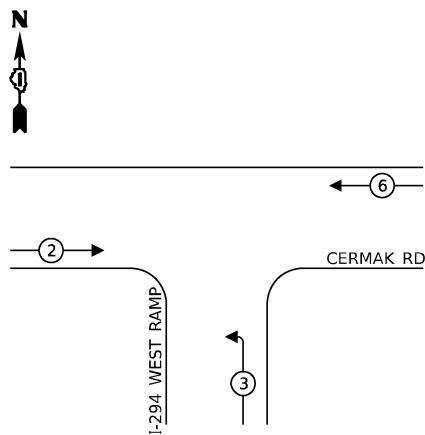
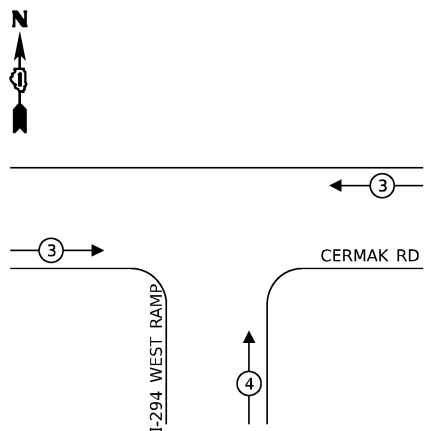
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	167
CONTRACT NO. 62N39				
		ILLINOIS	FED. AID PROJECT	

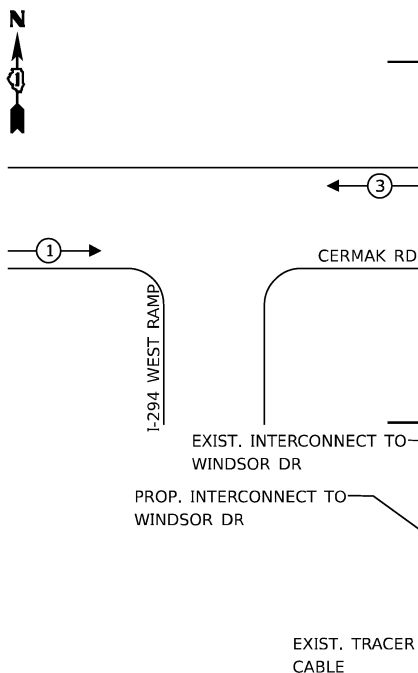
TS 135
IDOT CENTRACS
FORMER ECON 101

MATCH LINE A-A (SEE PREVIOUS SHEET)



**EXISTING AND
PROPOSED CONTROLLER SEQUENCE****EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE****LEGEND:**

- ← (⊙) ← PROTECTED PHASE
← - (⊙) - PROTECTED/PERMITTED PHASE
← (⊙) → PEDESTRIAN PHASE
← (⊙) OL OVERLAP

**EXISTING AND PROPOSED
TRANSIT SIGNAL PRIORITY
PREEMPTION SEQUENCE****TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	11	11	121
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	-	15	-
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	2	35	70
CELLULAR MODEM	1	15	15

TOTAL UPS SIZING

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

986

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: ANTONIO RIOS

PHONE: (630) 696-6855

COMPANY: COMED

ACCOUNT NUMBER: 24871-67164

METER NUMBER: ---



USER NAME	= msomer
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED	-	TM	REVISED	-
DRAWN	-	TM, SR	REVISED	-
CHECKED	-	JAR	REVISED	-
DATE	-	05/23/2024	REVISED	-

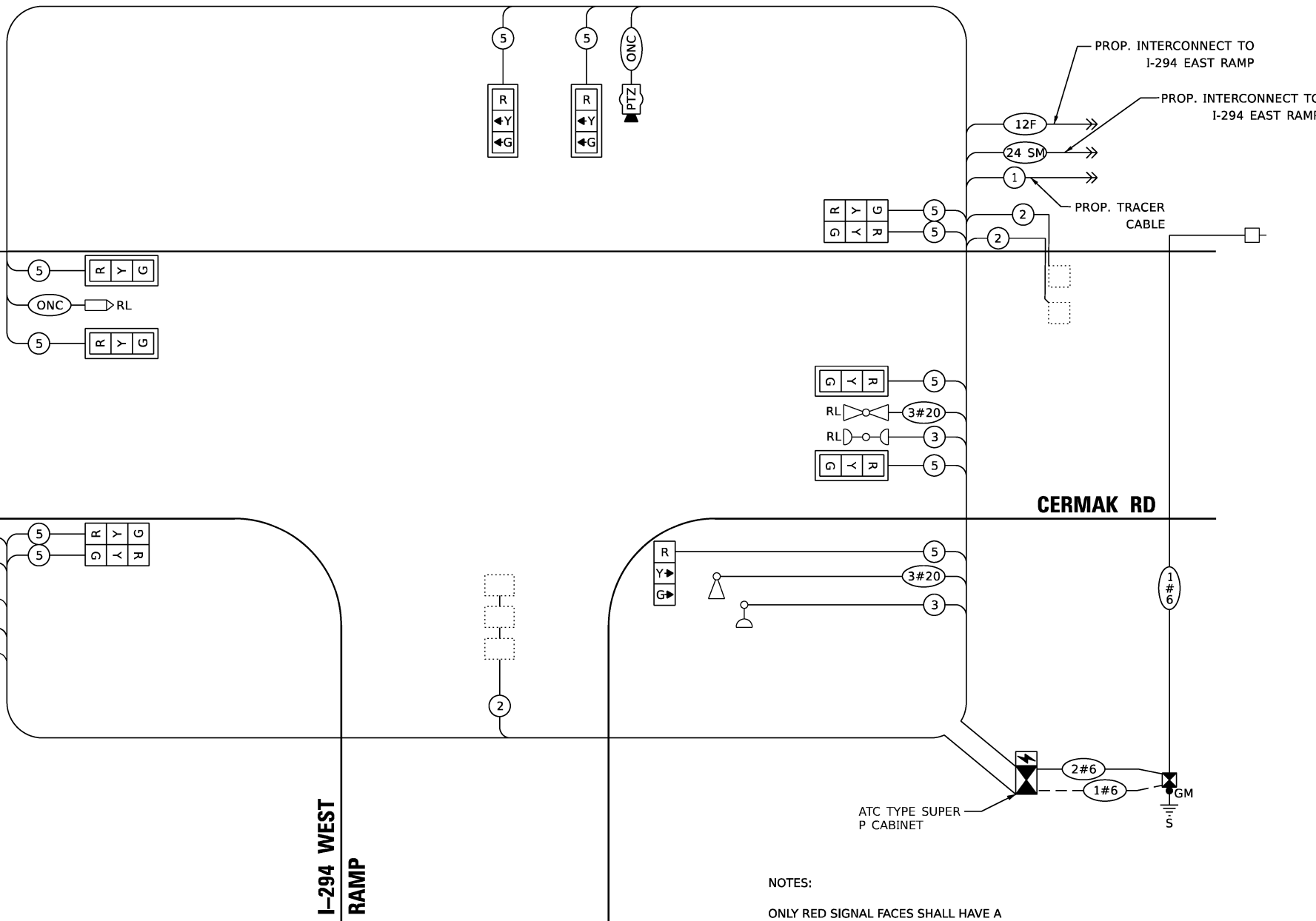
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENC
CERMAK RD AND I-294 WEST RAMP**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	168
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

**TS 135
IDOT CENTRACS
FORMER ECON 101
PACE TSP**

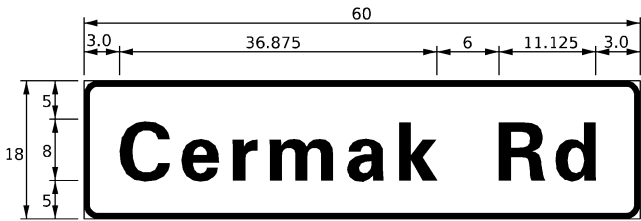
**CABLE PLAN
(NOT TO SCALE)****NOTES:**

ONLY RED SIGNAL FACES SHALL HAVE A
LENS COVER INSTALLED.

THE SOFTWARE FOR THIS CONTROLLER
SHALL BE EOS.

SIGN PANEL – TYPE 1

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	7.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	328
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	178
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	177
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1686
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1597
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	250
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
DRILL EXISTING HANDHOLE	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2635
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	177
OUTDOOR RATED NETWORK CABLE	FOOT	385
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
LED SIGNAL FACE, VISOR HEATER	EACH	11
ADVANCED TRANSPORTATION CONTROLLER IN TYPE IV STRETCH CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES CERMAK RD AND I-294 WEST RAMP			
SCALE: NTS	SHEET 1	OF 1	SHEETS
		STA.	TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	169
CONTRACT NO. 62N39				
		ILLINOIS	FED. AID PROJECT	

TS SHT NO. 19

MODEL NAME: TS19
FILE NAME: 62N39-TS19 REM I-294 East Ramps.dgn



USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
CERMAK RD AND I-294 EAST RAMP

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	170
CONTRACT NO. 62N39				
ILLINOIS		FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

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

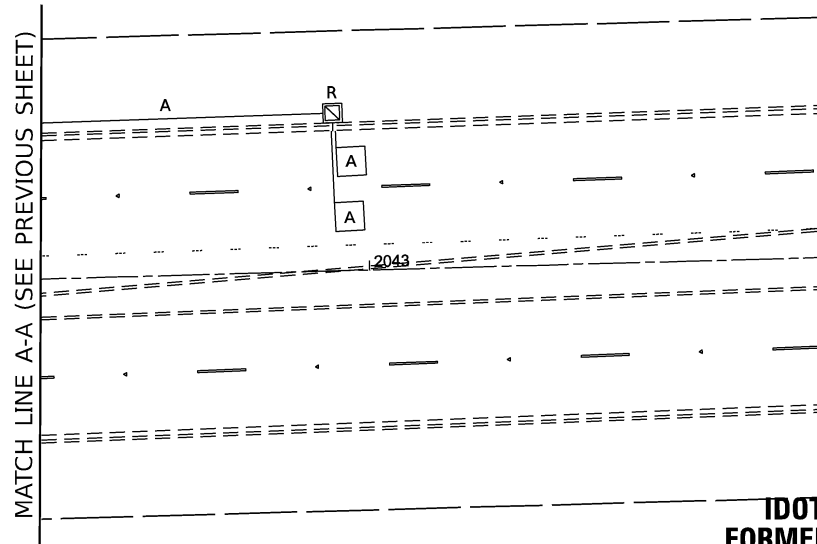
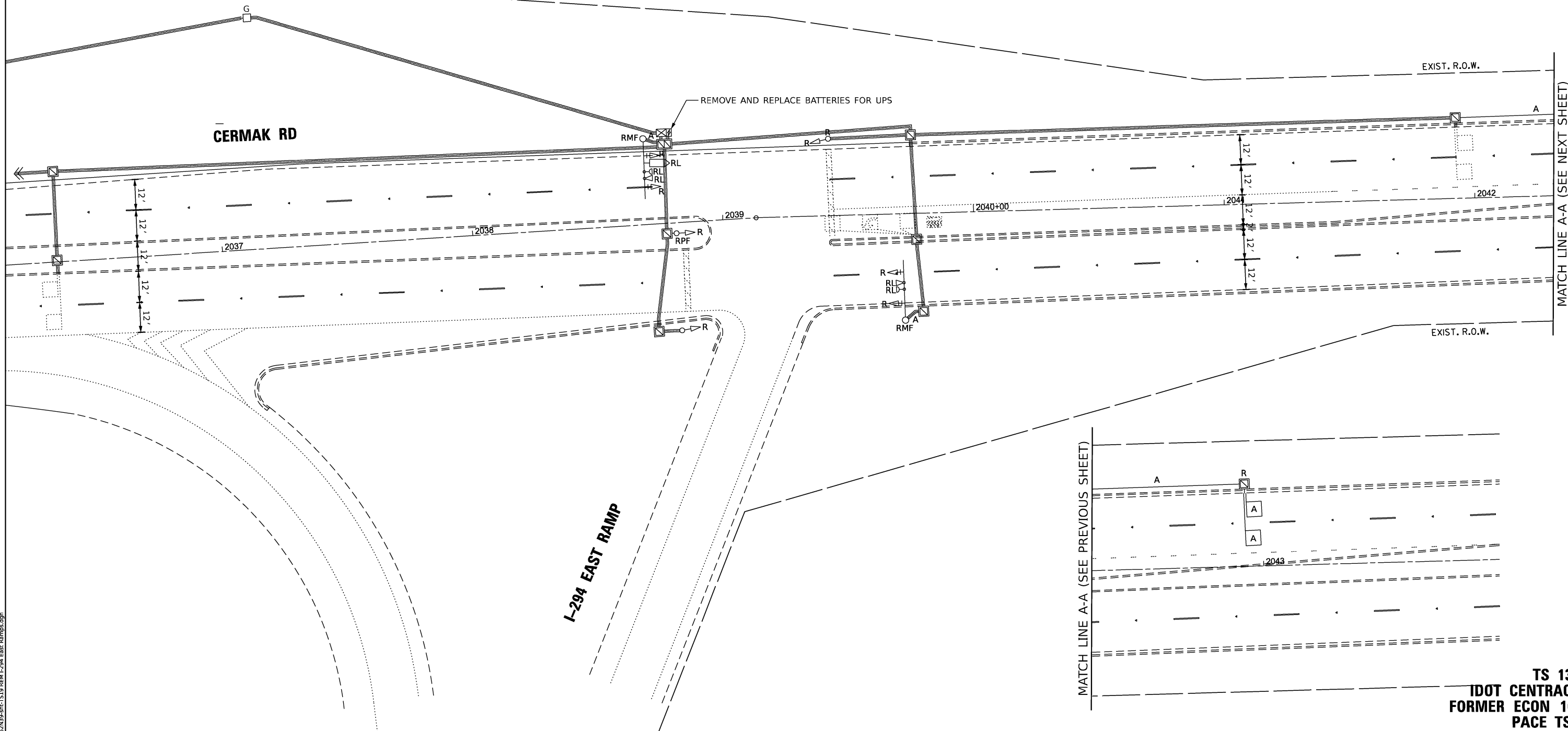
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH TRAFFIC SIGNAL POST
- 5 EACH SIGNAL HEAD, 3-SECTION
- 2 EACH SIGNAL HEAD, 5-SECTION

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON
- 1 EACH WIRELESS ACCESS POINT (PACE)

NOTES:

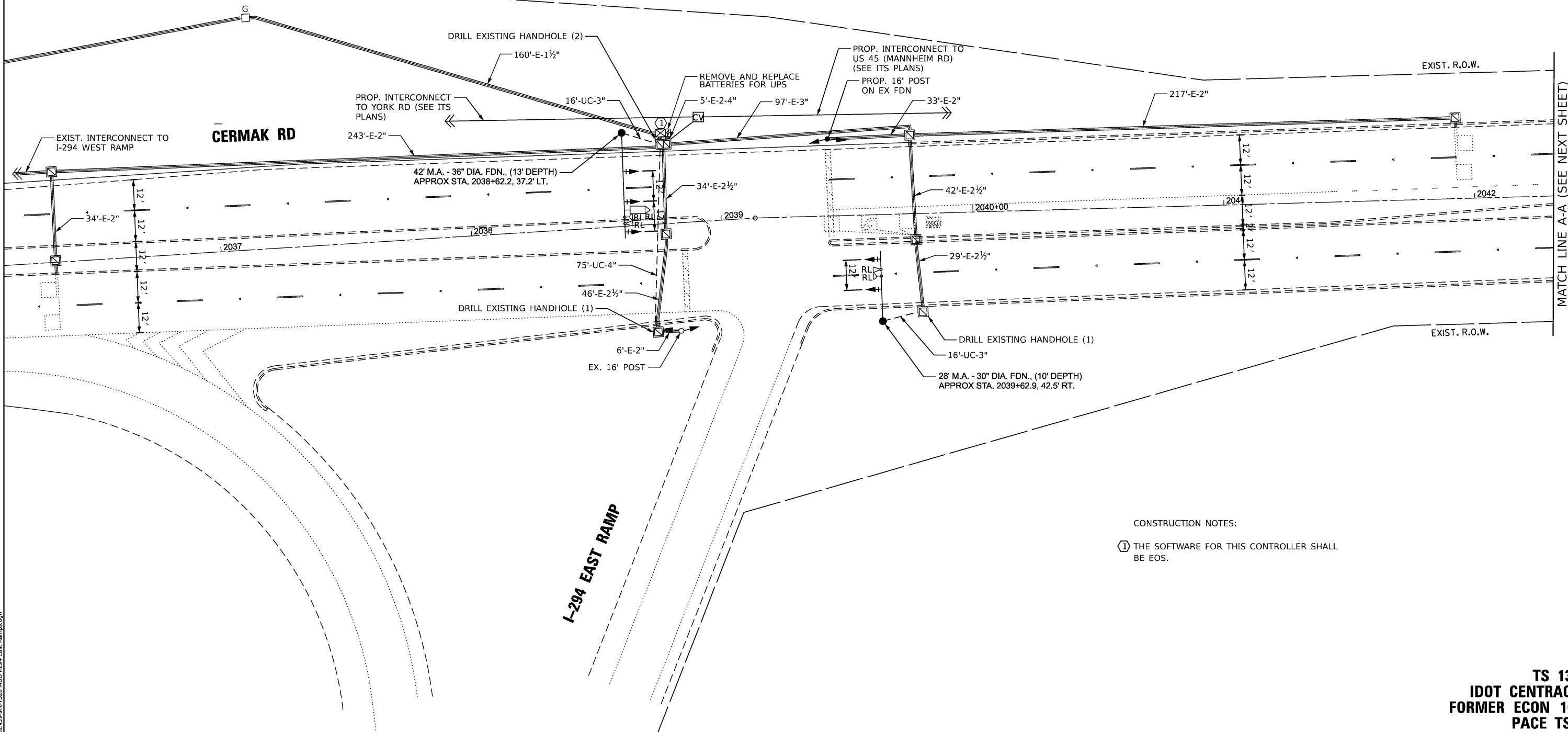
- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.



TS 130
IDOT CENTRACS
FORMER ECON 101
PACE TSP

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.



CONSTRUCTION NOTES:

- ① THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.



USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025

DESIGNED - TM
DRAWN - TM, SR
CHECKED - JAR
DATE - 05/23/2024

REVISED -
REVISED -
REVISED -
REVISED -

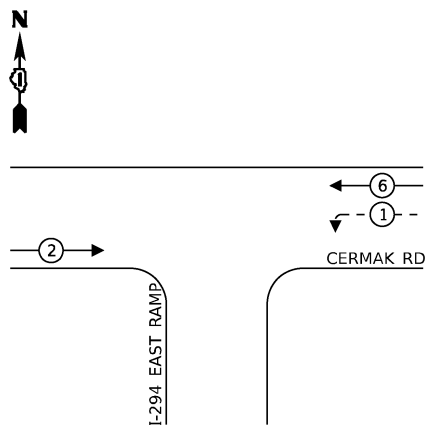
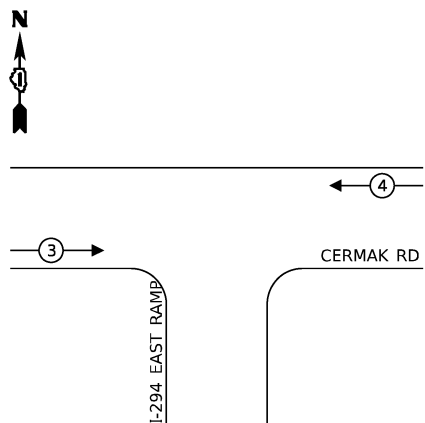
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
CERMAK RD AND I-294 EAST RAMP

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

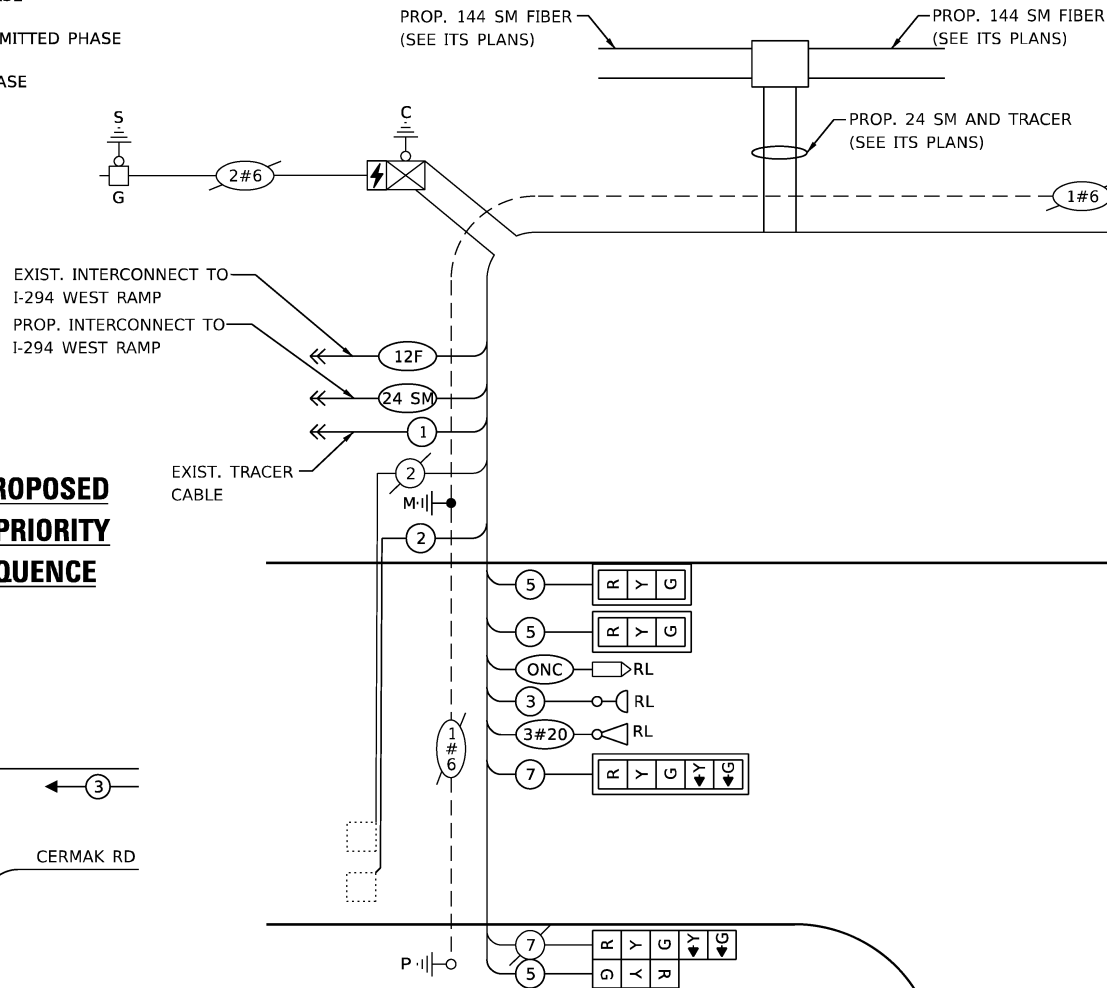
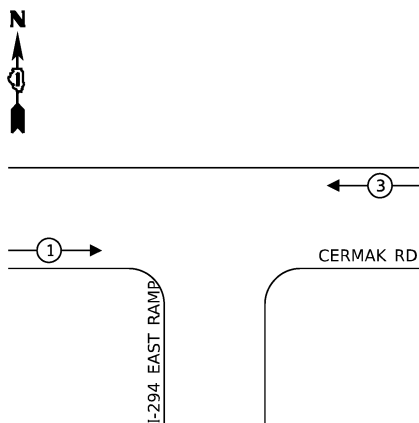
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	171
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 130
IDOT CENTRACS
FORMER ECON 101
PAGE TSP

EXISTING AND
PROPOSED CONTROLLER SEQUENCEEXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE

LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

EXISTING AND PROPOSED
TRANSIT SIGNAL PRIORITY
PREEMPTION SEQUENCECABLE PLAN
(NOT TO SCALE)

NOTES:

ONLY RED SIGNAL FACES SHALL HAVE A
LENS COVER INSTALLED.THE SOFTWARE FOR THIS CONTROLLER
SHALL BE EOS.TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	2	13	26
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	-	15	-
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	2	35	70
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING			363
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			968

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER COURT
SCHAUMBURG, IL 60196ENERGY SUPPLY: CONTACT: ANTONIO RIOS
PHONE: (630) 696-6855
COMPANY: COMED
ACCOUNT NUMBER: 07551-44113
METER NUMBER: ---USER NAME = msomer
PLOT SCALE = \$SCALE\$
PLOT DATE = 03/19/2025DESIGNED - TM
DRAWN - TM, SR
CHECKED - JAR
DATE - 05/23/2024REVISED -
REVISED -
REVISED -
REVISED -STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONCABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENC
CERMAK RD AND I-294 EAST RAMP

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	172
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 130
IDOT CENTRACS
FORMER ECON 101
PACE TSP



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

USER NAME	= msomer	DESIGNED	-	TM	REVISED	-
		DRAWN	-	TM, SR	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	JAR	REVISED	-
PLOT DATE	= 03/19/2025	DATE	-	05/23/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES CERMAK RD AND I-294 EAST RAMP			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	173
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 130
IDOT CENTRACS
FORMER ECON 101
PACE TSP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	32
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	75
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	354
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	985
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	96
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	312
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	29
TRAFFIC SIGNAL POST, 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	120
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	354
OUTDOOR RATED NETWORK CABLE	FOOT	100
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
LED SIGNAL FACE, VISOR HEATER	EACH	9
LAYER III (NETWORK) SWITCH	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

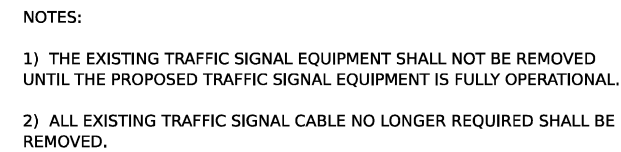
* - 100% COST TO VILLAGE OF WESTCHESTER

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

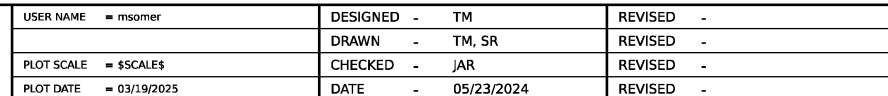
- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR,
SAFELY STORED AND RETURNED TO PACE:

-



MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-TS23 REM Enterprise Drive.dgn



SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	174
		CONTRACT NO. 62N39		
		ILLINOIS	FED. AID PROJECT	

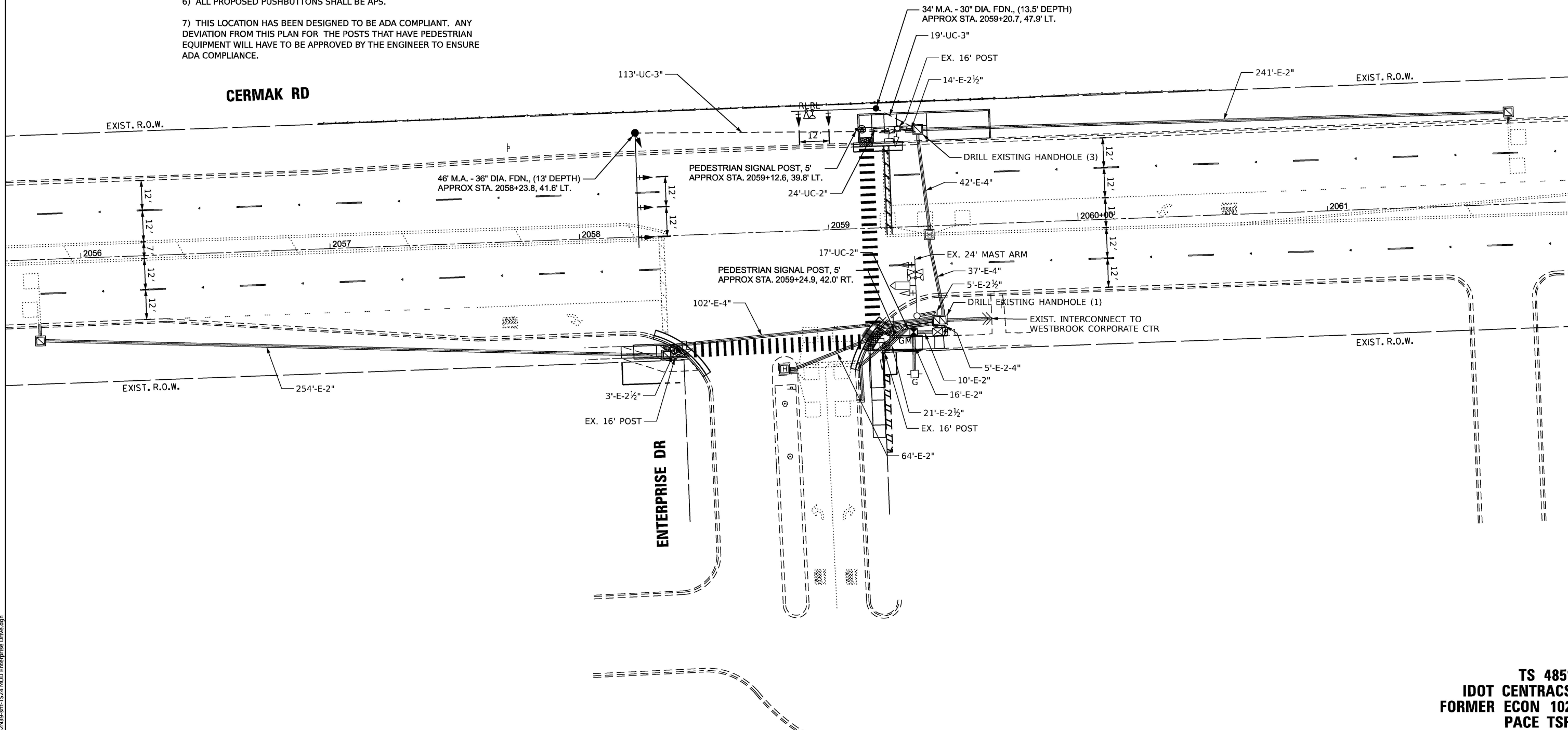
TS 4851
IDOT CENTRACS
FORMER ECON 102
PACE TSP



NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT/ BEHIND OF THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 6) ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- 7) THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

NOTE: THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.



TS SHT NO. 24

MODEL NAME: TS24 MOD
FILE NAME: D:\2023\24\TS24 MOD Enterprise Drive.dgn

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

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

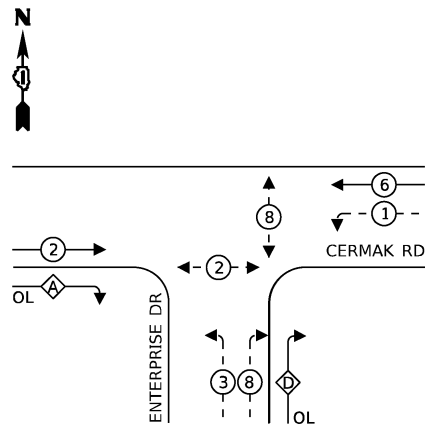
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
CERMAK RD AND ENTERPRISE DR**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	175
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

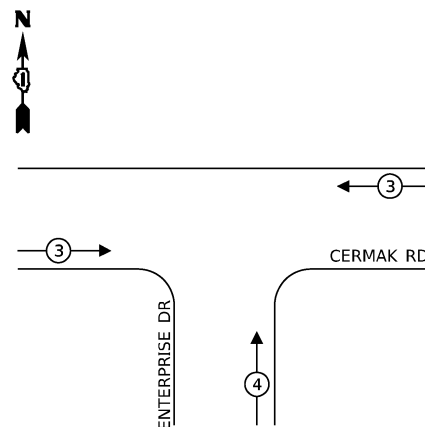
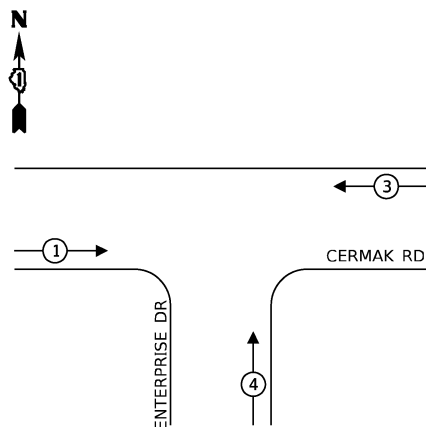
**TS 4851
IDOT CENTRACS
FORMER ECON 102
PAGE TSP**

**EXISTING AND
PROPOSED CONTROLLER SEQUENCE****LEGEND:**

- ← (⊙) → PROTECTED PHASE
← (⊙) - PROTECTED/PERMITTED PHASE
← (⊙) → PEDESTRIAN PHASE
← (⊙) OL OVERLAP

RIGHT TURN OVERLAP**PHASE DESIGNATION:**

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

**EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE****EXISTING AND PROPOSED
TRANSIT SIGNAL PRIORITY
PREEMPTION SEQUENCE****TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	7	13	91
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
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	2	35	70
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			473
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			1078

ENERGY COSTS TO:

VILLAGE OF WESTCHESTER
10300 W ROOSEVELT ROAD
WESTCHESTER, ILLINOIS 60154

ENERGY SUPPLY: CONTACT: ERICKA IRBY

PHONE: (779) 231-0633

COMPANY: COMED

ACCOUNT NUMBER: 17630-28218

METER NUMBER: ---

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

USER NAME	= msomer
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED	- TM	REVISED	-
DRAWN	- TM, SR	REVISED	-
CHECKED	- JAR	REVISED	-
DATE	- 05/23/2024	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENC
CERMAK RD AND ENTERPRISE DR**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

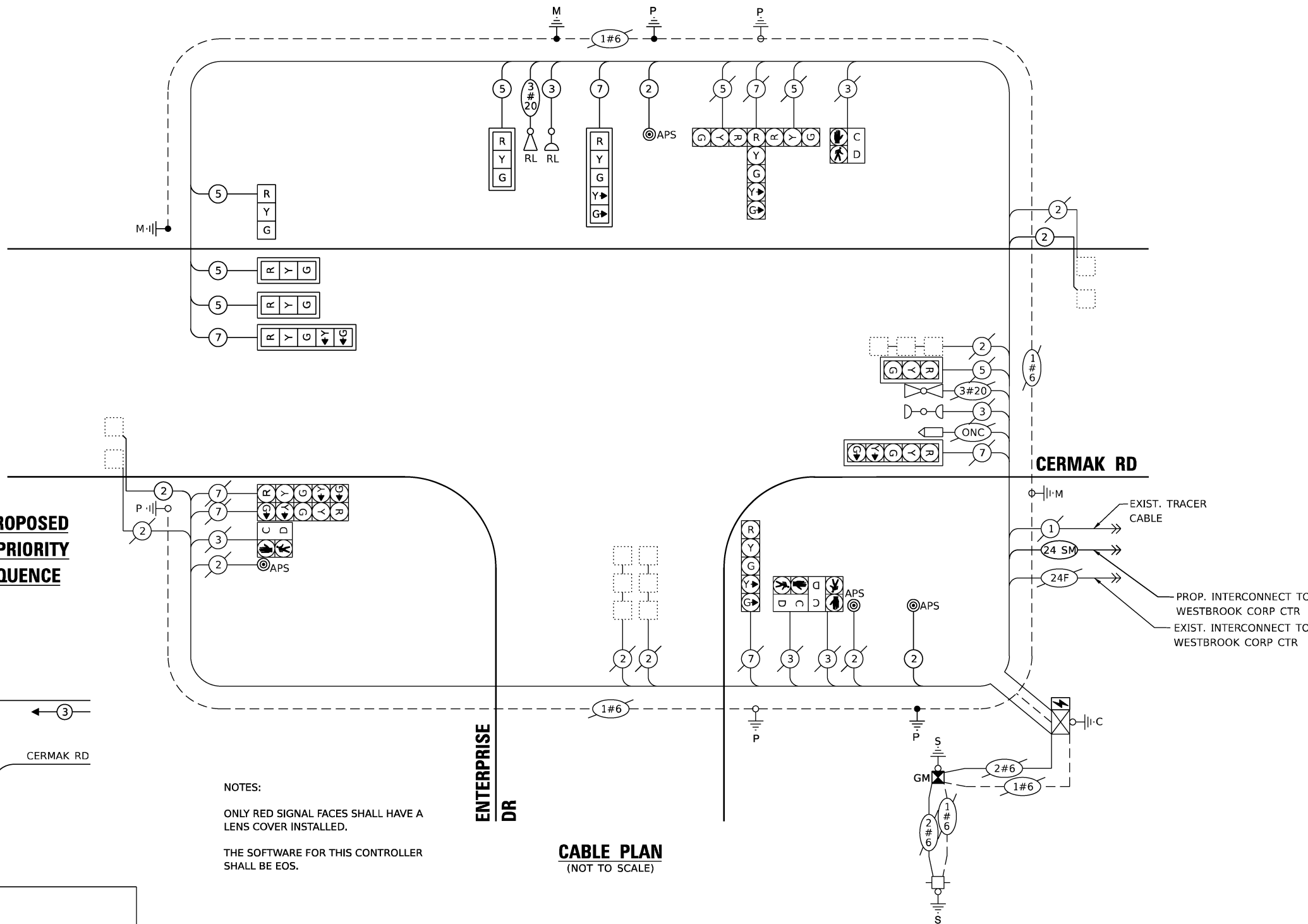
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	176
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

**TS 4851
IDOT CENTRACS
FORMER ECON 102
PACE TSP**

NOTES:

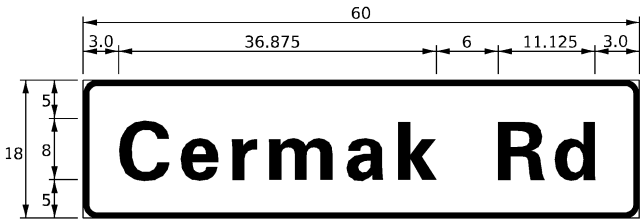
ONLY RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED.

THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.

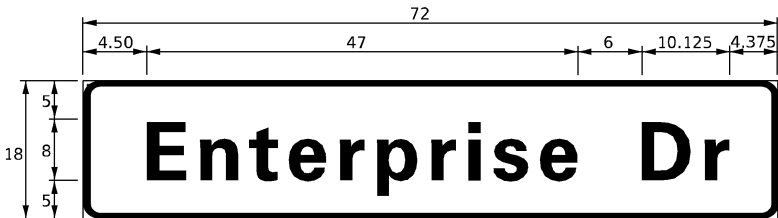
**CABLE PLAN
(NOT TO SCALE)**

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	26
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	41
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	132
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	190
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	176
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	935
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	435
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	752
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	462
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	2
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	935
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	176
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
LED SIGNAL FACE, VISOR HEATER	EACH	14
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	8
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1
LED PEDESTRIAN SIGNAL MODULE REPLACEMENT	EACH	4
LED SIGNAL MODULE REPLACEMENT	EACH	8
REMOVE AND REPLACE ANCHOR BOLTS	EACH	1

* - 100% COST TO VILLAGE OF WESTCHESTER

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	177
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

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

- 3 EACH SIGNAL POST
- 1 EACH CABINET
- 1 EACH UNINTERRUPTABLE POWER SUPPLY

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

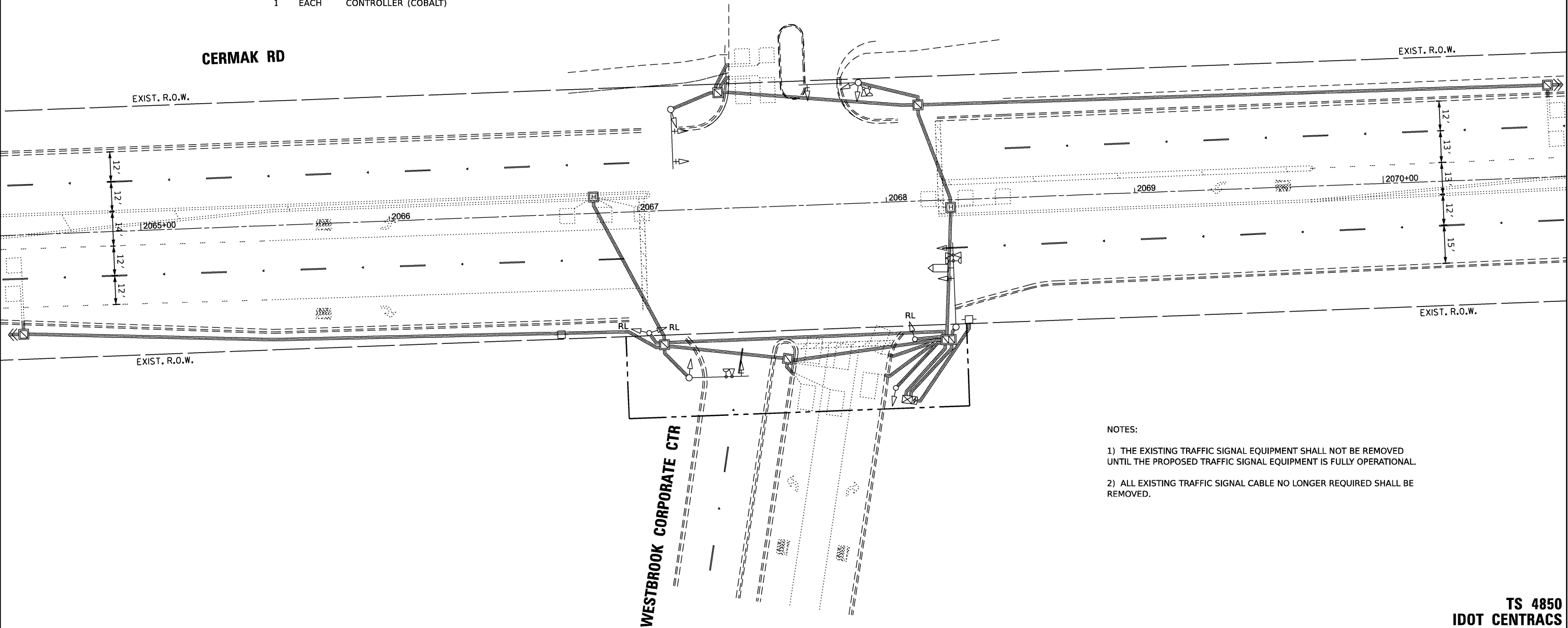
- 1 EACH LAYER II SWITCH (PACE)
- 1 EACH ACCESS POINT EQUIPMENT (PACE)
- 1 EACH WIRELESS ACCESS POINT (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RETURNED TO PACE:

- 1 EACH PRIORITY REQUEST SERVER (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY:

- 1 EACH CONTROLLER (COBALT)



- NOTES:
- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
 - 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

TS SHT NO. 27

MODEL NAME: 62N39-CTR-TS27 REM Westbrook Corporate Center.dgn
FILE NAME: 62N39-CTR-TS27 REM Westbrook Corporate Center.dgn



USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

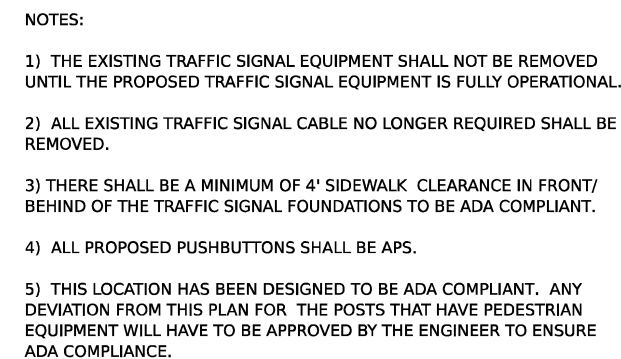
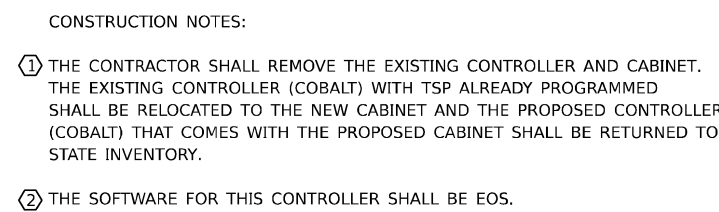
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
CERMAK RD AND WESTBROOK CORPORATE CTR

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	178
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 4850
IDOT CENTRACS
FORMER ECON 102
PACE TSP



MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-TS28 MOD Westbrook Corporate Center.dgn

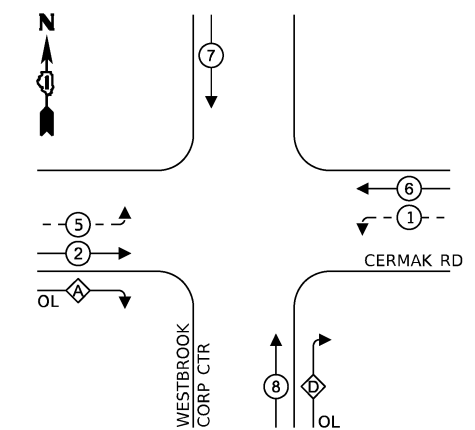
USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

**TRAFFIC SIGNAL MODIFICATION PLAN
CERMAK RD AND WESTBROOK CORPORATE CTR**

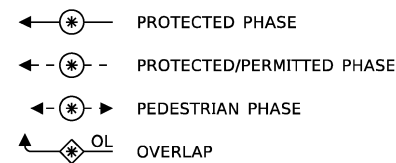
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	178
		CONTRACT NO. 62N39		
		ILLINOIS	FED. AID PROJECT	

TS 4850
IDOT CENTRACS
FORMER ECON 102
PACE TSP

EXISTING CONTROLLER SEQUENCE



LEGEND:

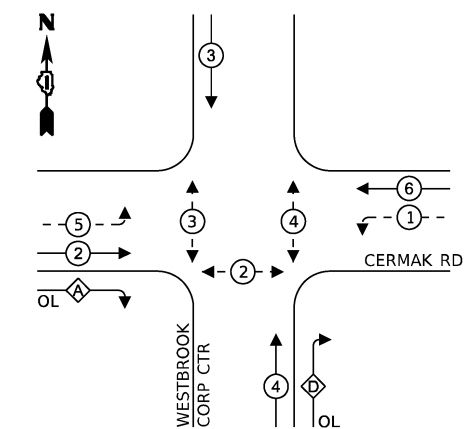


RIGHT TURN OVERLAP

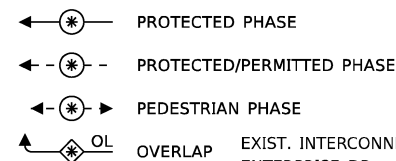
PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	8
D	=	8	+	1

PROPOSED CONTROLLER SEQUENCE



LEGEND:

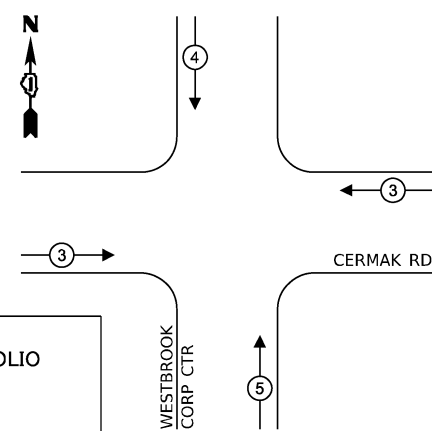


RIGHT TURN OVERLAP

PHASE DESIGNATION:

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

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



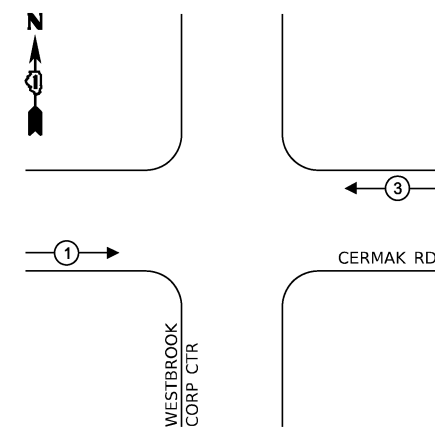
CABLE PLAN

(NOT TO SCALE)

NOTES:

THE SOFTWARE FOR THIS CONTROLLER
SHALL BE EOS.

EXISTING AND PROPOSED TRANSIT SIGNAL PRIORITY PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS			
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
TRAFFIC HEAD 1 OR 3-SECTION	2	11	22
4-SECTION	4	14	56
5-SECTION	7	13	91
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	2	35	70
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			504
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			1109
 AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516			
USER NAME = msonser			
PLOT SCALE = \$SCALE\$			
PLOT DATE = 03/19/2025			

ENERGY COSTS TO:		
ARLEN REALTY LONG RIDGE OFFICE PORTFOLIO		
-		
-		
ENERGY SUPPLY:	CONTACT:	-
	PHONE:	-
	COMPANY:	COMED
	ACCOUNT NUMBER:	12991-51331
	METER NUMBER:	---
	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
	CHECKED - JAR	REVISED -
	DATE - 05/23/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
CERMAK RD AND WESTBROOK CORPORATE CTR**

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	180
		CONTRACT NO. 62N39		
		ILLINOIS	FED. AID PROJECT	

TS 4850
IDOT CENTRACS
FORMER ECON 102
PACE TSP

TS SHT NO. 29



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

USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND
SCHEDULE OF QUANTITIES
CERMAK RD AND WESTBROOK CORPORATE CTR

SCALE: NTS

SHEET 1 OF 1 SHEETS

STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	181
CONTRACT NO. 62N39				
		ILLINOIS	FED. AID PROJECT	

TS 4850
IDOT CENTRACS
FORMER ECON 102
PACE TSP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	43
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	905
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1089
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2152
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
ADVANCED TRANSPORTATION CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	16
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

REMOVAL AND RELOCATION NOTES:

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

- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 16 EACH SIGNAL HEAD, 5-SECTION
- 6 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSHBUTTON
- 1 EACH CABINET
- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 4 EACH STREET NAME SIGN

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

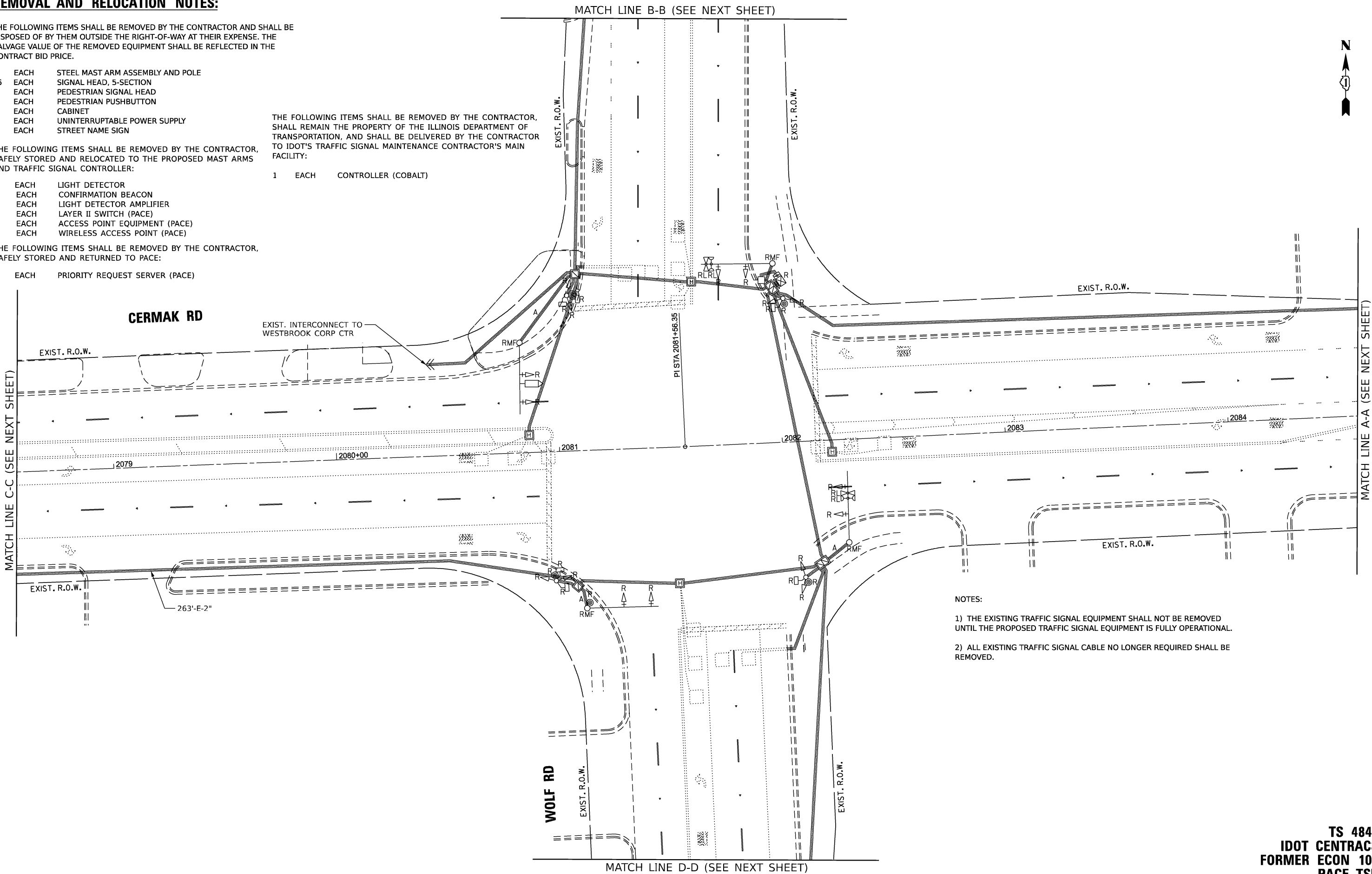
- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH LAYER II SWITCH (PACE)
- 1 EACH ACCESS POINT EQUIPMENT (PACE)
- 1 EACH WIRELESS ACCESS POINT (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RETURNED TO PACE:

- 1 EACH PRIORITY REQUEST SERVER (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY:

- 1 EACH CONTROLLER (COBALT)



- NOTES:
- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

TS SHT NO. 31

MODEL: 440261.MXD
FILE NAME: D:\2020\2020-266\2020-266-TS31 REM1 Wolf Road.dgn

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

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 2)
CERMAK RD AND WOLF RD

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	182
				CONTRACT NO. 62N39
		ILLINOIS	FED. AID PROJECT	

TS 4845
IDOT CENTRACS
FORMER ECON 102
PACE TSP



USER NAME = msomer	DESIGNED - TM	REVISED -
DRAWN - TM, SR	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

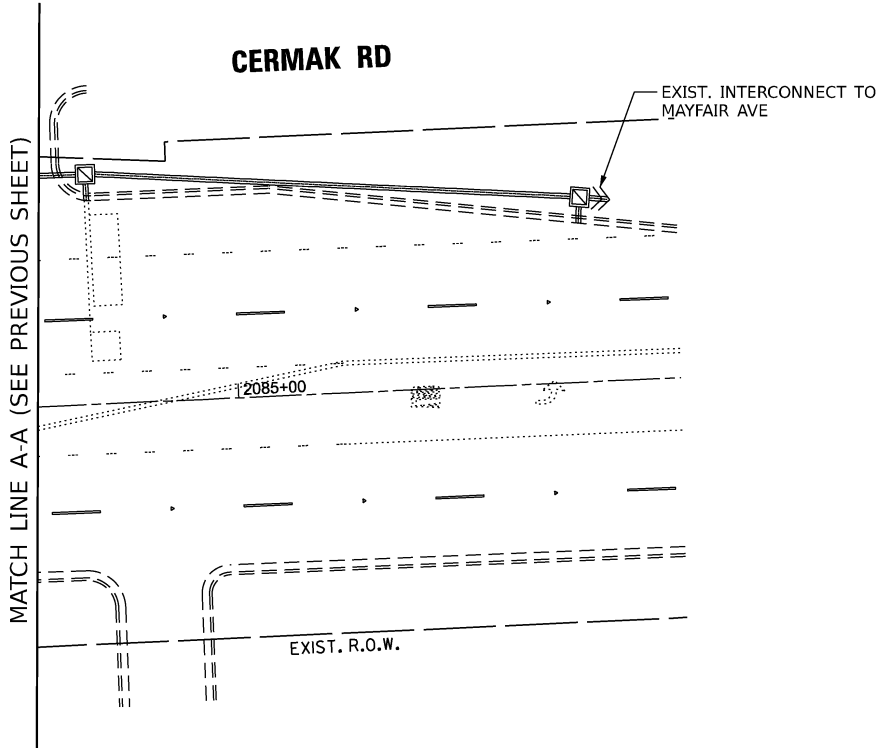
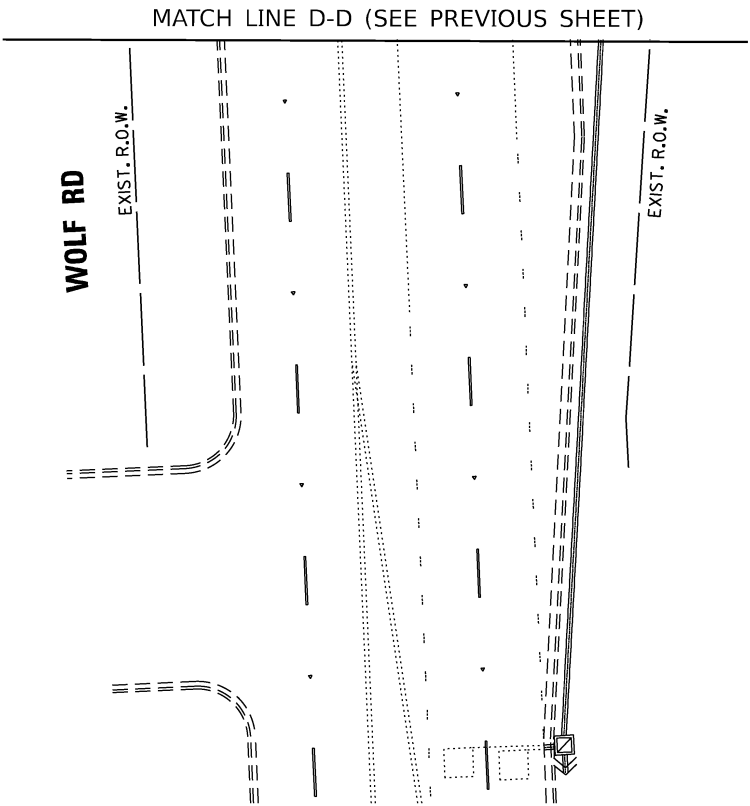
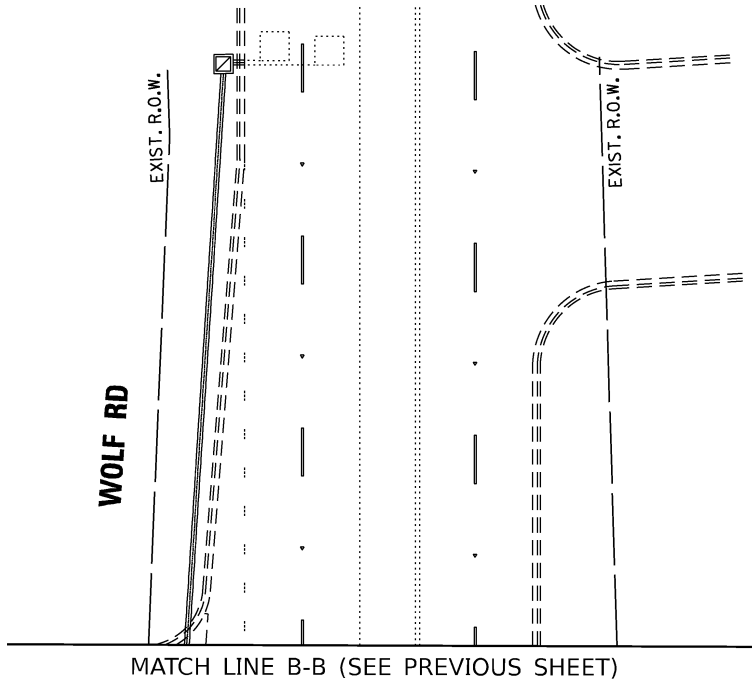
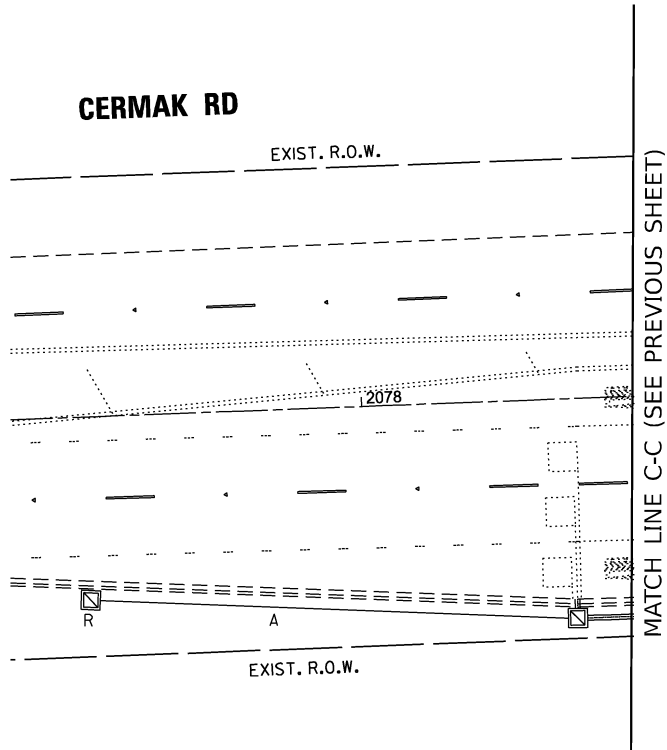
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 2)
CERMAK ROAD AND WOLF ROAD

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	183
CONTRACT NO. 62N39				
ILLINOIS			FED. AID PROJECT	

TS 4845
IDOT CENTRACS
FORMER ECON 102
PAGE TSP





USER NAME = msomer
DESIGNED - TM
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CHECKED - JAR
DATE - 05/23/2024

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DRAWN - TM, SR
CHECKED - JAR
DATE - 05/23/2024

DESIGNED - TM
DRAWN - TM, SR
CHECKED - JAR
DATE - 05/23/2024

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
CERMAK RD AND WOLF RD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	184
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

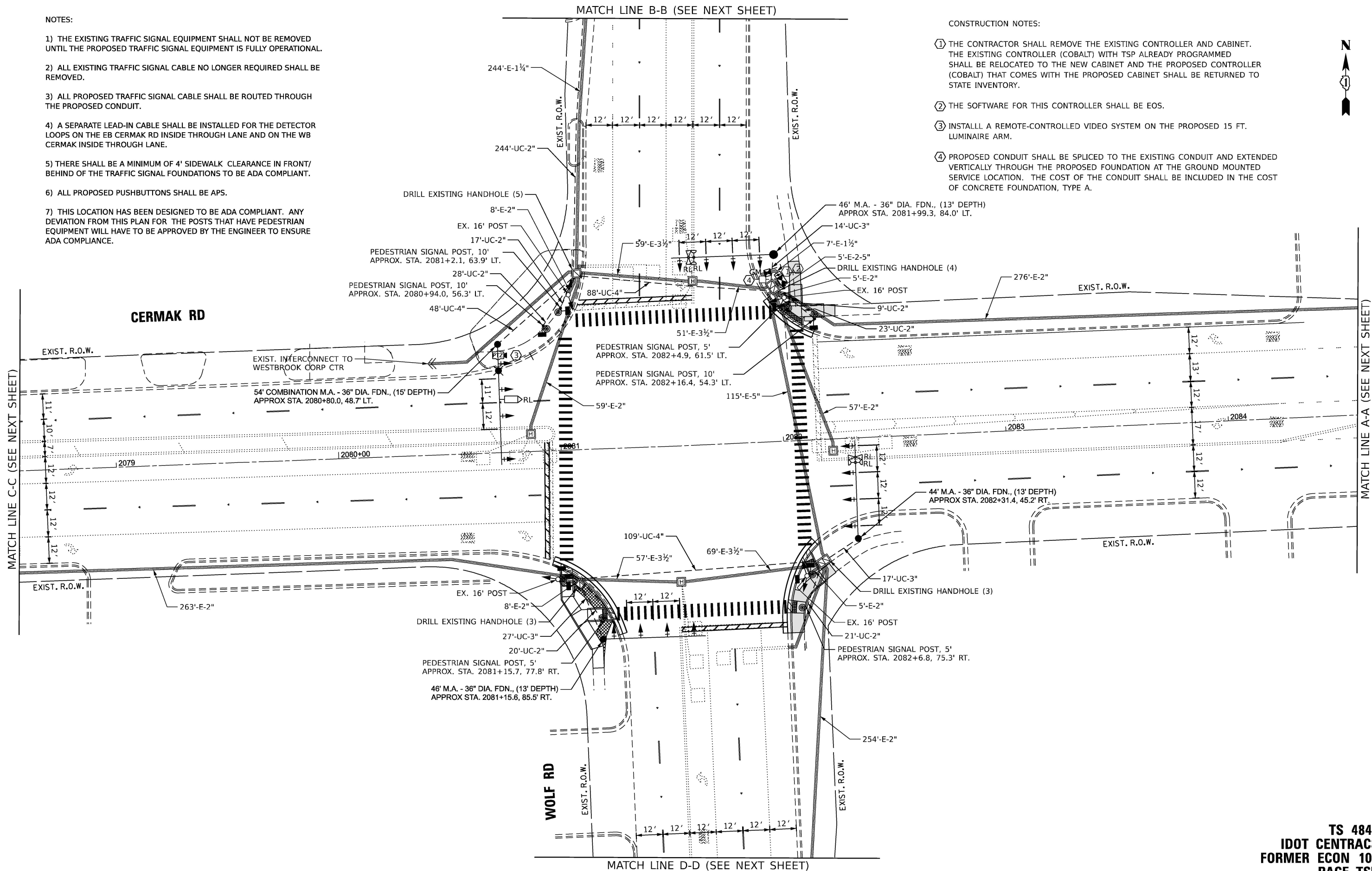
TS 4845
IDOT CENTRACS
FORMER ECON 102
PAGE TSP

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT/ BEHIND OF THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 6) ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- 7) THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

CONSTRUCTION NOTES:

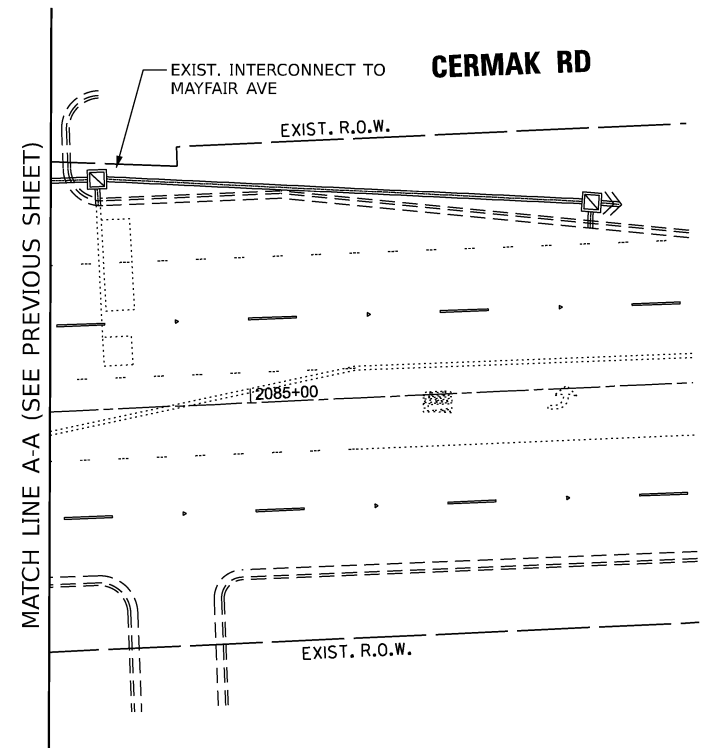
- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER AND CABINET. THE EXISTING CONTROLLER (COBALT) WITH TSP ALREADY PROGRAMMED SHALL BE RELOCATED TO THE NEW CABINET AND THE PROPOSED CONTROLLER (COBALT) THAT COMES WITH THE PROPOSED CABINET SHALL BE RETURNED TO STATE INVENTORY.
- ② THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.
- ③ INSTALL A REMOTE-CONTROLLED VIDEO SYSTEM ON THE PROPOSED 15 FT. LUMINAIRE ARM.
- ④ PROPOSED CONDUIT SHALL BE SPLICED TO THE EXISTING CONDUIT AND EXTENDED VERTICALLY THROUGH THE PROPOSED FOUNDATION AT THE GROUND MOUNTED SERVICE LOCATION. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE COST OF CONCRETE FOUNDATION, TYPE A.



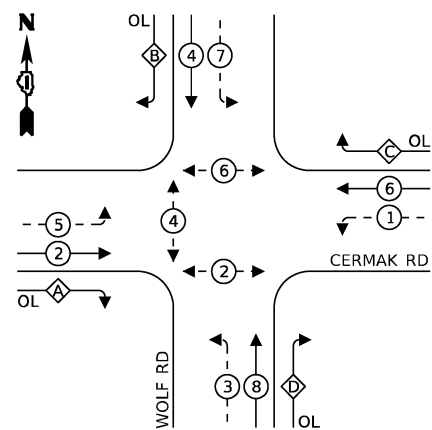


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	185
		CONTRACT NO. 62N39		
		ILLINOIS FED. AID PROJECT		



EXISTING CONTROLLER SEQUENCE



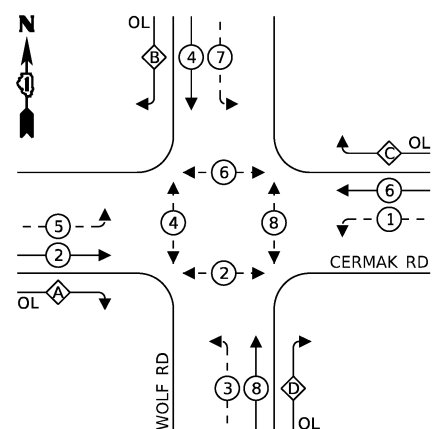
LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2	+
B =	4	+
C =	6	+
D =	8	+

PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2	+
B =	4	+
C =	6	+
D =	8	+

NOTES:

ONLY RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED.

THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.

ENERGY COSTS TO:

VILLAGE OF WESTCHESTER
10300 W ROOSEVELT ROAD
WESTCHESTER, ILLINOIS 60154

ENERGY SUPPLY: CONTACT: ERICKA IRBY

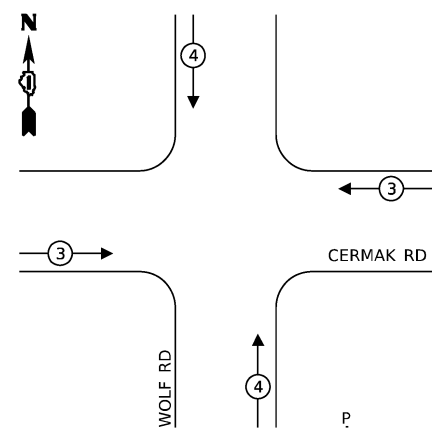
PHONE: (779) 231-0633

COMPANY: COMED

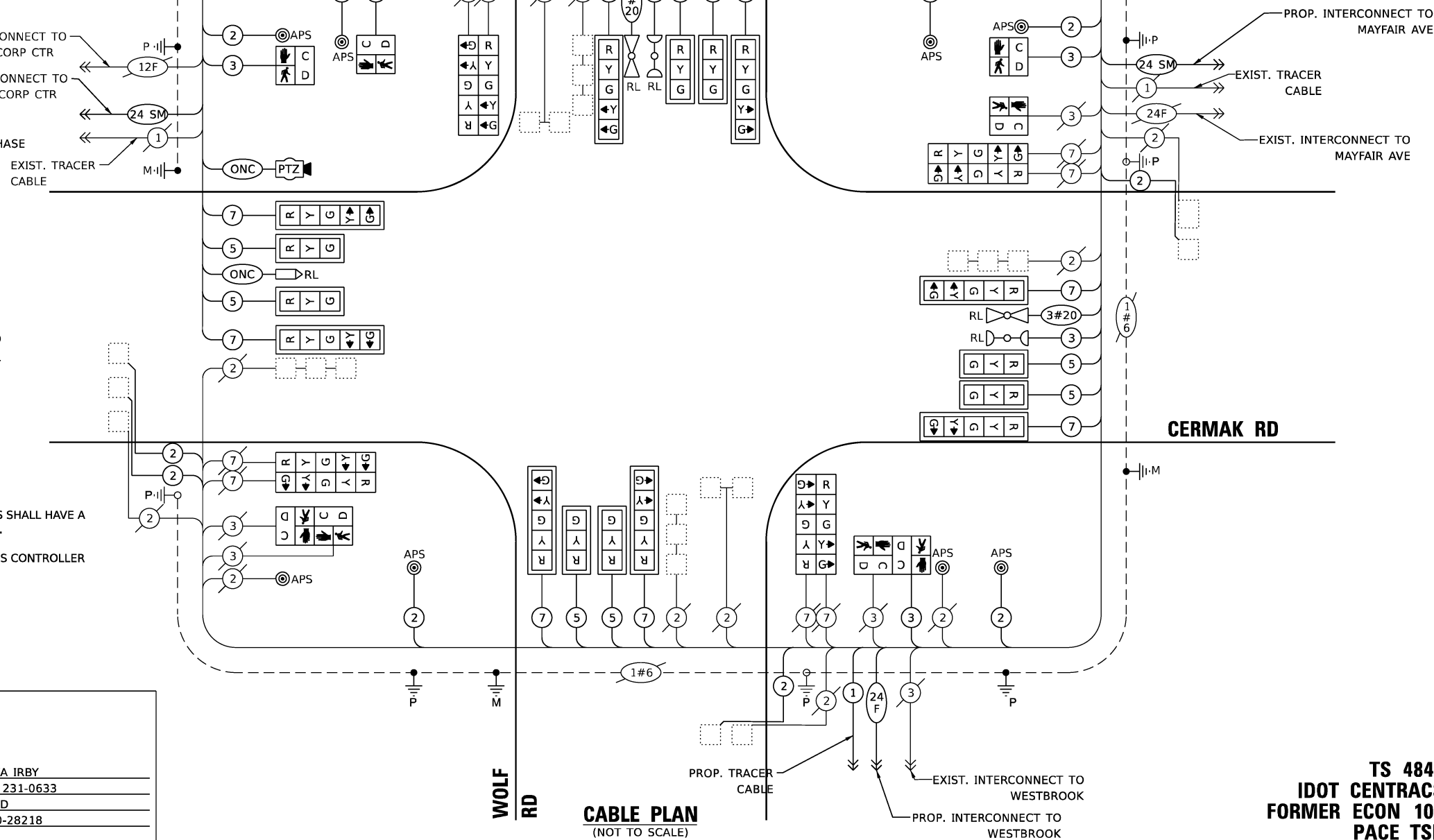
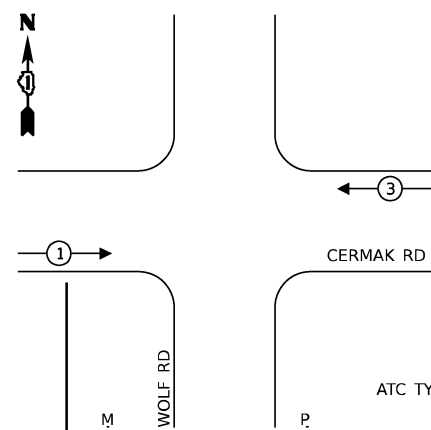
ACCOUNT NUMBER: 17630-28218

METER NUMBER: ---

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING AND PROPOSED TRANSIT SIGNAL PRIORITY PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE CERMAK RD AND WOLF RD

SCALE: NTS SHEET OF SHEETS STA. TO STA.

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	16	13	208
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	2	35	70
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING	661		
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	1266		

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

USER NAME	= msomer
DESIGNED	- TM
DRAWN	- TM, SR
CHECKED	- JAR
DATE	- 05/23/2024
REVIS	-
REVIS	-
REVIS	-
REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TS 4845
IDOT CENTRACS
FORMER ECON 102
PACE TSP

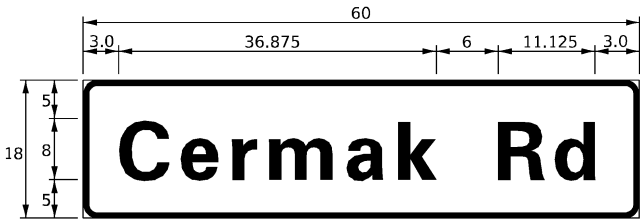
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	186
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS SHT NO. 35

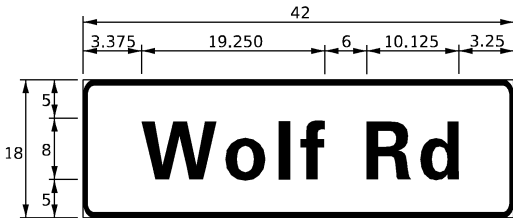
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SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	5.25	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	25.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	362
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	58
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	245
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	850
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	842
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1728
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1729
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2150
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1291
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
DRILL EXISTING HANDHOLE	EACH	15
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	8
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	15
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2521
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	311
OUTDOOR RATED NETWORK CABLE	FOOT	440
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
LED SIGNAL FACE, VISOR HEATER	EACH	24
ADVANCED TRANSPORTATION CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	24
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

* - 100% COST TO VILLAGE OF WESTCHESTER

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	187
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

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

- 3 EACH MAST ARM ASSEMBLY AND POLE
- 3 EACH TRAFFIC SIGNAL POST
- 1 EACH PEDESTRIAN PUSHBUTTON POST
- 10 EACH SIGNAL HEAD, 3-SECTION
- 4 EACH SIGNAL HEAD, 5-SECTION
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSHBUTTON
- 1 EACH CABINET
- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 2 EACH STREET NAME SIGN

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER CABINET:

- 3 EACH LIGHT DETECTOR
- 3 EACH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH LAYER II SWITCH (PACE)
- 1 EACH ACCESS POINT EQUIPMENT (PACE)
- 1 EACH WIRELESS ACCESS POINT (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RETURNED TO PACE:

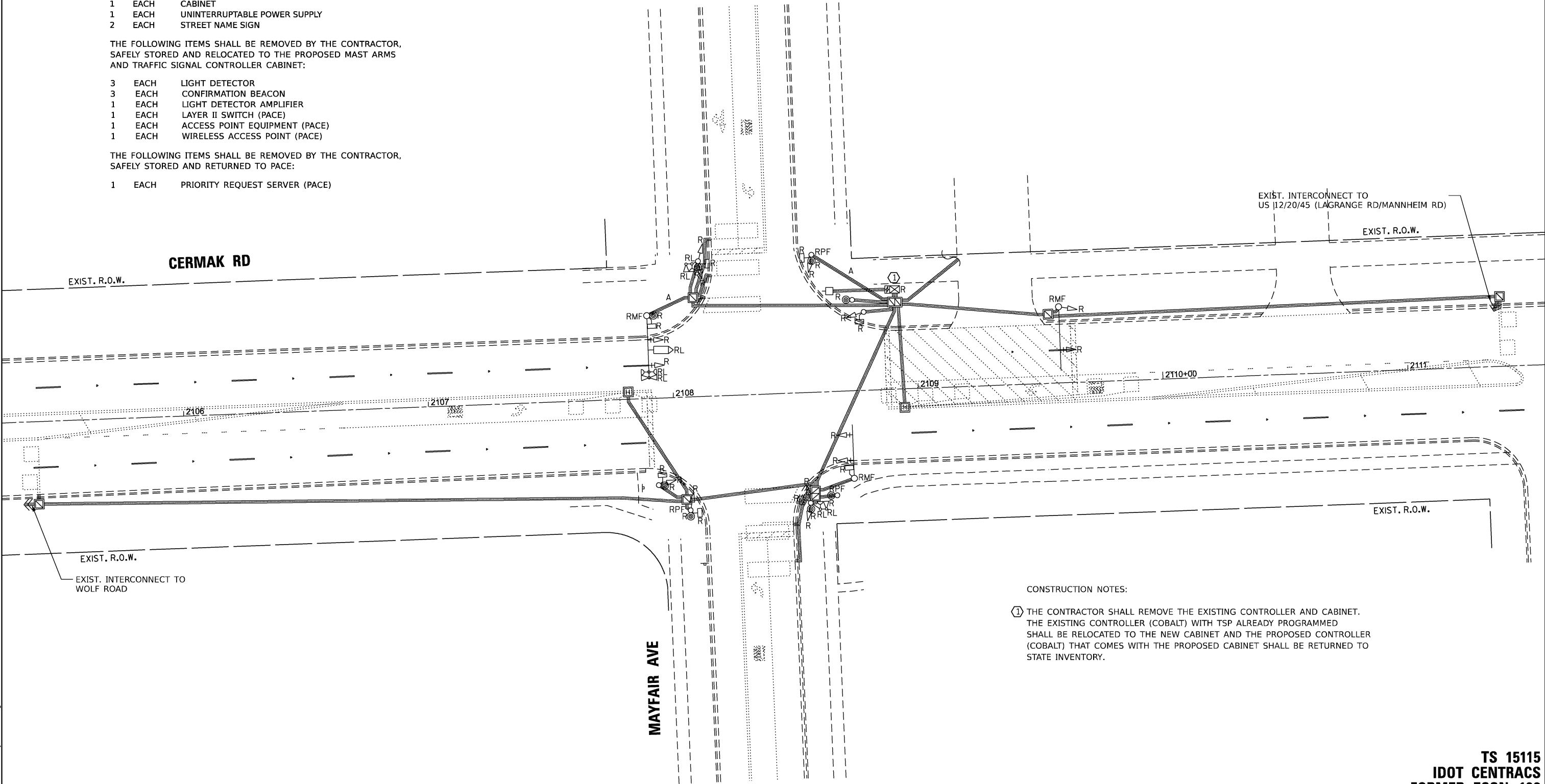
- 1 EACH PRIORITY REQUEST SERVER (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY:

- 1 EACH CONTROLLER (COBALT)

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.



CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER AND CABINET. THE EXISTING CONTROLLER (COBALT) WITH TSP ALREADY PROGRAMMED SHALL BE RELOCATED TO THE NEW CABINET AND THE PROPOSED CONTROLLER (COBALT) THAT COMES WITH THE PROPOSED CABINET SHALL BE RETURNED TO STATE INVENTORY.

TS SHT NO. 37

MODEL: 14062105
FILE NAME: D:\2023\266-SUR\TS37 REM Mayfair Avenue.dgn



USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
CERMAK RD AND MAYFAIR AVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	188
CONTRACT NO. 62N39				
ILLINOIS		FED. AID PROJECT		

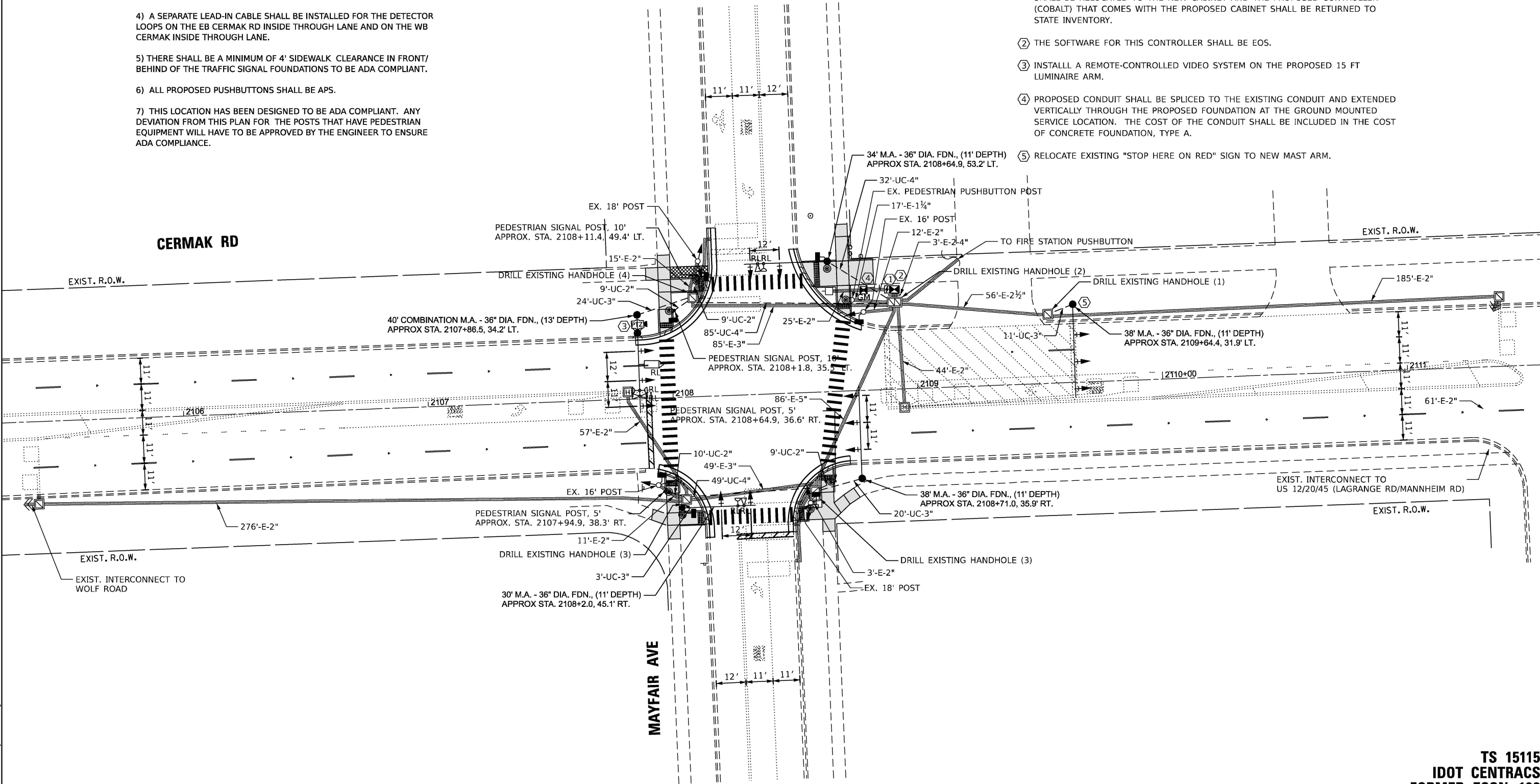
TS 15115
IDOT CENTRACS
FORMER ECON TSP
PACE TSP

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT/ BEHIND OF THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 6) ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- 7) THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING CONTROLLER AND CABINET. THE EXISTING CONTROLLER (COBALT) WITH TSP ALREADY PROGRAMMED SHALL BE RELOCATED TO THE NEW CABINET AND THE PROPOSED CONTROLLER (COBALT) THAT COMES WITH THE PROPOSED CABINET SHALL BE RETURNED TO STATE INVENTORY.
- ② THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.
- ③ INSTALL A REMOTE-CONTROLLED VIDEO SYSTEM ON THE PROPOSED 15 FT LUMINAIRE ARM.
- ④ PROPOSED CONDUIT SHALL BE SPLICED TO THE EXISTING CONDUIT AND EXTENDED VERTICALLY THROUGH THE PROPOSED FOUNDATION AT THE GROUND MOUNTED SERVICE LOCATION. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE COST OF CONCRETE FOUNDATION, TYPE A.
- ⑤ RELOCATE EXISTING "STOP HERE ON RED" SIGN TO NEW MAST ARM.



TS SHT NO. 38

MODEL NAME: D:\2023\TS38 MOD Mayfair Avenue.dgn
FILE NAME: D:\2023\TS38 MOD Mayfair Avenue.dgn

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

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
CERMAK RD AND MAYFAIR AVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	189
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

TS 15115
IDOT CENTRACS
FORMER ECON 102
PAGE TSP

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS			
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	11	11	121
4-SECTION	-	14	-
5-SECTION	9	13	117
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	2	35	70
PTZ CAMERA	1	75	75
TOTAL UPS SIZING			678
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			1283

ENERGY COSTS TO:

VILLAGE OF WESTCHESTER
10300 W ROOSEVELT ROAD
WESTCHESTER, ILLINOIS 60154

ENERGY SUPPLY: CONTACT: ERICKA IRBY

PHONE: (779) 231-0633

COMPANY: COMED

ACCOUNT NUMBER: 17630-28218

METER NUMBER: ---



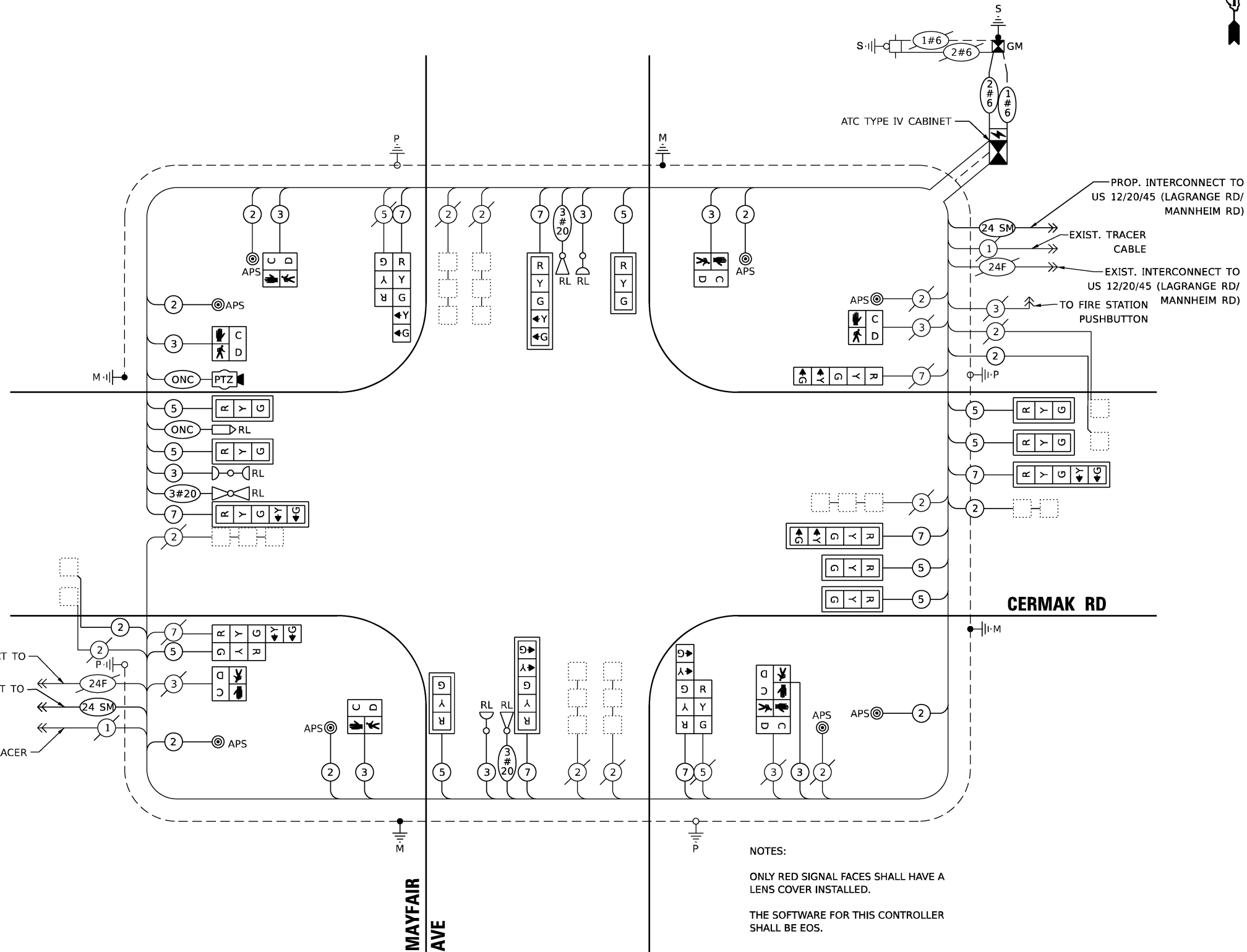
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PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED	- TM	REVISED	-
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CHECKED	- JAR	REVISED	-
DATE	- 05/23/2024	REVISED	-

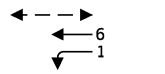
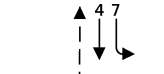
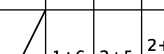
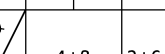
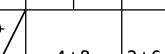
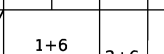
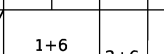
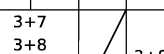
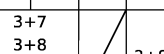
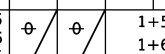
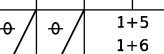
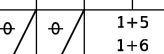
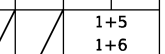
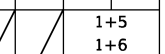
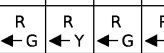
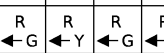
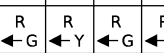
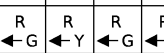
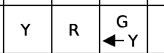
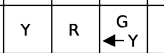
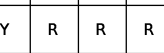
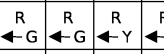
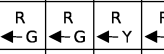
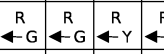
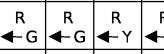
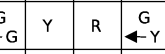
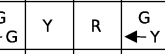
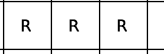
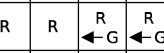
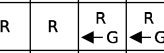
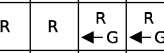
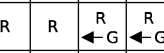
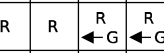
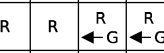
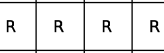
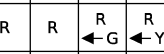
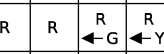
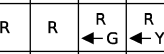
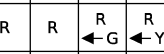
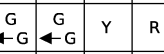
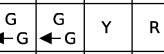
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONCABLE PLAN
CERMAK RD AND MAYFAIR AVE

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	190
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

EXIST. INTERCONNECT TO
WOLF RD
PROP. INTERCONNECT TO
WOLF RD
EXIST. TRACER
CABLECABLE PLAN
(NOT TO SCALE)TS 15115
IDOT CENTRACS
FORMER ECON 102
PACE TSP

SEQUENCE OF OPERATION

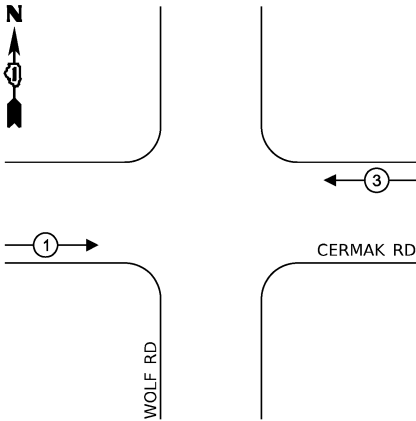
MOVEMENT																																	F L A S H					
PHASE	1 + 5				1 + 6				2 + 5				2 + 6				3 + 7				3 + 8				4 + 7				4 + 8									
INTERVAL	1	2	3	4	5	6	7A	7B	8	9	10	11A	11B	12	13	14	15A	15B	16	17	18	19	20	21	22A	22B	23	24	25	26A	26B	27	28	29	30A	30B		
CHANGE TO PHASE		1+6	2+5	2+6 4+8			4+8		2+6			1+6 4+8		2+6			3+7 3+8 4+7 4+8		3+8	4+7	1+5 1+6 2+5 2+6 4+8			1+5 1+6 2+5 2+6	4+8				1+5 1+6 2+5 2+6	4+8				1+5 1+6 2+5 2+6				
CERMAK ROAD MID AND RIGHT MAST ARM SIGNALS	EB	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
CERMAK ROAD FAR LEFT AND LEFT MAST ARM SIGNALS	EB					R	R	R	R	R			Y	R		G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
CERMAK ROAD NEAR SIDE MAST ARM SIGNALS	WB	R	R	R	R	G	G	Y	R	G	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
CERMAK ROAD MID AND FAR RIGHT MAST ARM SIGNALS	WB	R	R	R	R	G	G	Y	R	G	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
CERMAK ROAD FAR LEFT AND LEFT MAST ARM SIGNALS	WB							Y	R		R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
MAYFAIR AVENUE RIGHT MAST ARM SIGNAL	NB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	R	R	R	R	R	G	G	Y	R	R	
MAYFAIR AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	NB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R							Y	R		R	R	R	R	R	G	G	Y	R	R	
MAYFAIR AVENUE RIGHT MAST ARM SIGNAL	SB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	Y	R	R	R	
MAYFAIR AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	SB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R					R	R	R	R	R			Y	R		G	G	Y	R	R	
PEDESTRIAN SIGNALS CROSSING MAYFAIR AVE. ON SOUTH SIDE OF CERMAK ROAD	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	D A R K		
PEDESTRIAN SIGNALS CROSSING MAYFAIR AVE. ON NORTH SIDE OF CERMAK ROAD	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H				
PEDESTRIAN SIGNALS CROSSING CERMAK ROAD ON WEST SIDE OF MAYFAIR AVENUE	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	*P	**FH	H	H			
PEDESTRIAN SIGNALS CROSSING CERMAK ROAD ON EAST SIDE OF MAYFAIR AVENUE	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	*P	**FH	H	H				

PHASE 2+6 SHALL BE PLACED ON RECALL.

FIRE STATION PREEMPTION SEQUENCE OF OPERATION

FROM INTERVAL NUMBER	1	5				9			13			16	20			24			28				
PREEMPTION INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	2	3	
CHANGE TO PREEMPTION INTERVAL	2	1C	1D	2	1F	1G	2	1J	1K	2	2	1N	1P	2	1R	1S	2	1U	1V	2	3	RESUME NORMAL	
CERMAK ROAD MID AND FAR RIGHT MAST ARM SIGNALS	EB	R	R	R	R	G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	R	R		
CERMAK ROAD FAR LEFT AND LEFT MAST ARM SIGNALS	EB	R ←Y	R	R	R	G ←G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	R	R		
CERMAK ROAD NEAR SIDE MAST ARM SIGNALS	WB	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R		
CERMAK ROAD MID AND FAR RIGHT MAST ARM SIGNALS	WB	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R		
CERMAK ROAD FAR LEFT AND LEFT MAST ARM SIGNALS	WB	R ←Y	G ←G	Y	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R		
MAYFAIR AVENUE RIGHT MAST ARM SIGNAL	NB	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	G	Y	R		
MAYFAIR AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	NB	R	R	R	R	R	R	R	R	R	R	R ←Y	G ←G	Y	R	R	R	R	G	Y	R		
MAYFAIR AVENUE RIGHT MAST ARM SIGNAL	SB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	Y	R		
MAYFAIR AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	SB	R	R	R	R	R	R	R	R	R	R	R ←Y	R	R	R	G ←G	Y	R	G	Y	R		
PEDESTRIAN SIGNALS CROSSING MAYFAIR AVE. ON SOUTH SIDE OF CERMAK ROAD	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING MAYFAIR AVE. ON NORTH SIDE OF CERMAK ROAD	H	FH	H	H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING CERMAK ROAD ON WEST SIDE OF MAYFAIR AVENUE	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H		
PEDESTRIAN SIGNALS CROSSING CERMAK ROAD ON EAST SIDE OF MAYFAIR AVENUE	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	H	FH	H	H	H		

EXISTING AND PROPOSED
TRANSIT SIGNAL PRIORITY
PREEMPTION SEQUENCE



- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** FLASHING "↓" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE
- ⊕ THIS "↑" OR FLASHING "↓" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "↑" OR FLASHING "↓" INTERVALS
- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK

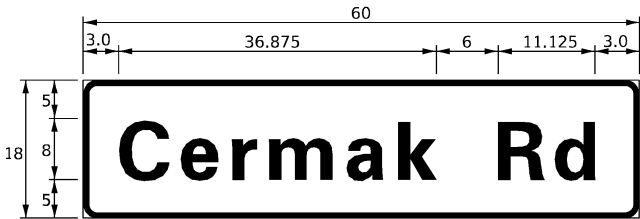
TS SHT NO. 40

FILE NAME: D:\2023\TS40 SEQ Mayfair Avenue.dgn

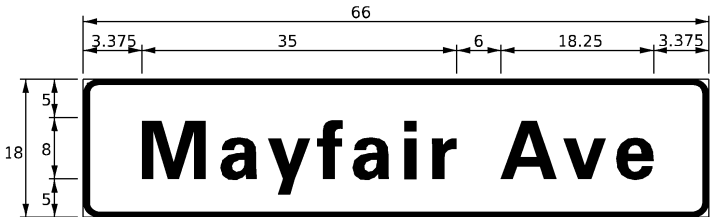
TS 15115
IDOT CENTRACS
FORMER ECON 102
PACE TSP

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	32
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	37
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	58
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	166
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	834
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1176
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1499
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1166
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	806
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	57
DRILL EXISTING HANDHOLE	EACH	13
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
INDUCTIVE LOOP DETECTOR	EACH	7
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2267
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	520
OUTDOOR RATED NETWORK CABLE	FOOT	280
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
LED SIGNAL FACE, VISOR HEATER	EACH	20
ADVANCED TRANSPORTATION CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	16
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1

* - 100% COST TO VILLAGE OF WESTCHESTER

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	192
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

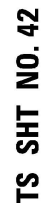
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR,
SAFELY STORED AND RETURNED TO PACE:

- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY:

- NOTES:

- 



MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-TS42 MOD1 Mannheim Road.dgn

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

USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
CERMAK RD AND US 12/20/45 (LAGRANGE RD/MANNHEIM RD)

SCALE:	1" = 20'	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	193
		CONTRACT NO. 62N39		
		ILLINOIS FED. AID PROJECT		

OF WESTCHESTER AT (708) 345-0020.

IDOT CENTRACS &	TS 1050
	ECON 103
	PACE TSP



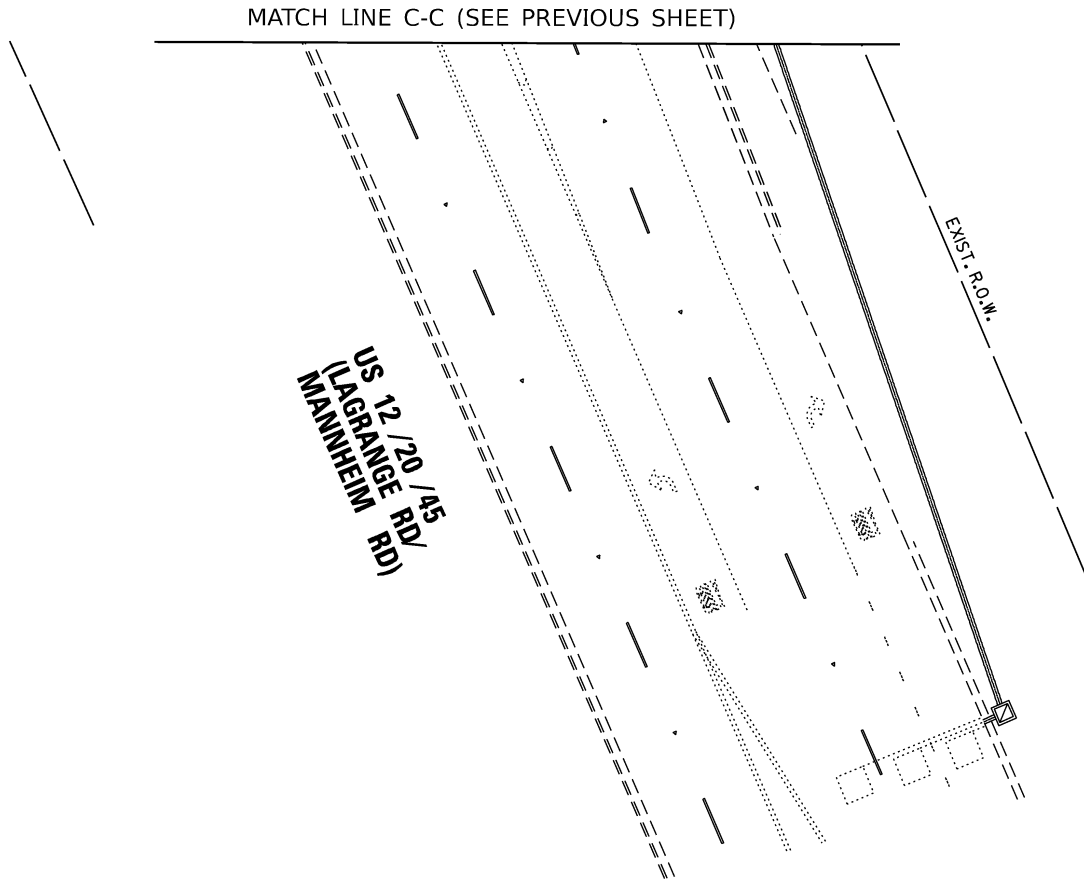
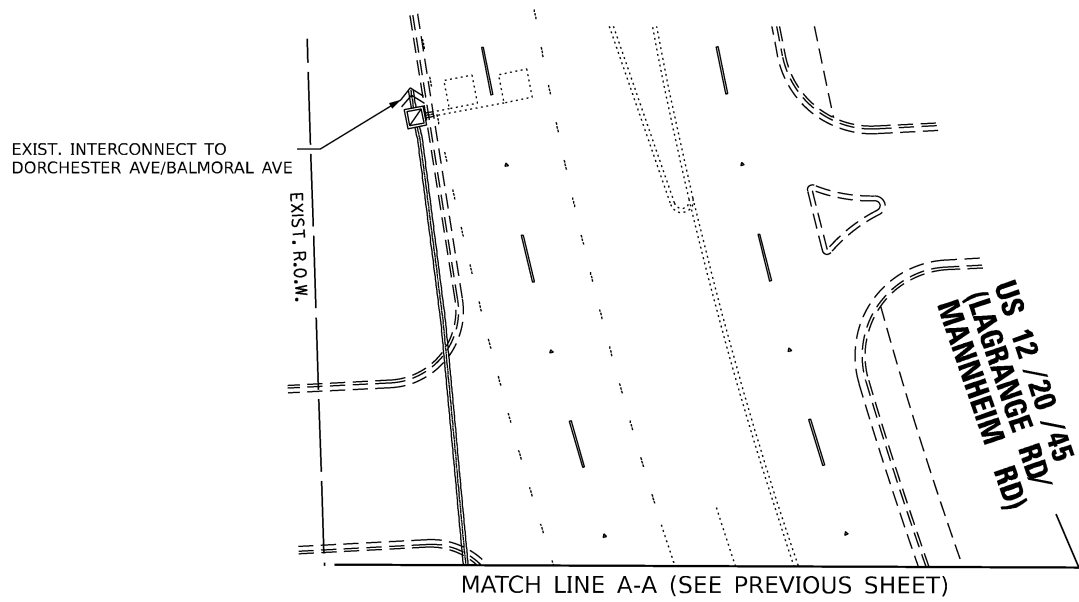
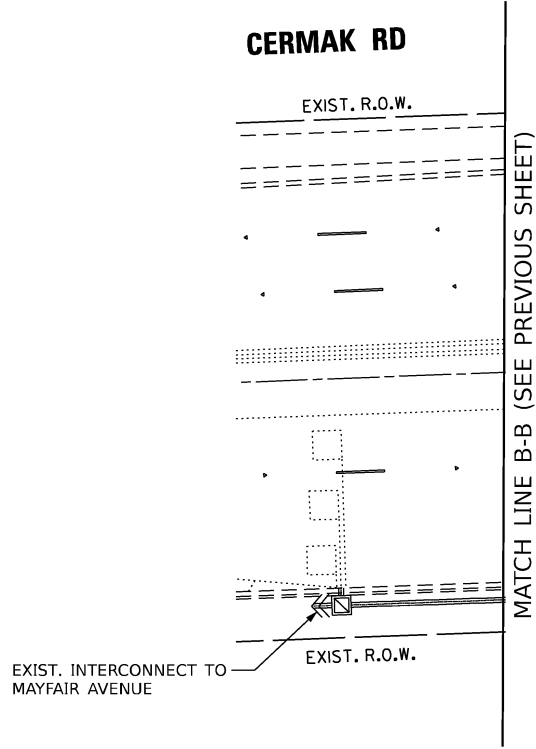
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		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

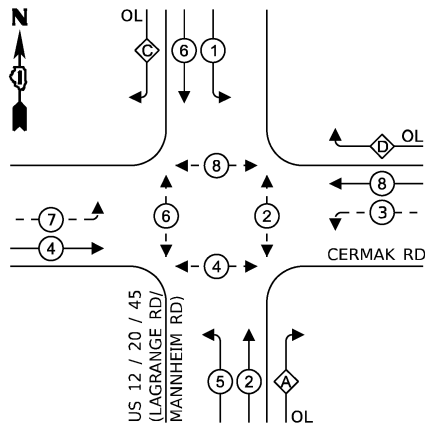
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2) CERMAK RD AND US 12 /20 /45 (LAGRANGE RDMANNHEIM RD)				
SCALE:	1" = 20'	SHEET	OF	SHEETS
STA.		TO STA.		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	194
CONTRACT NO. 62N39				
ILLINOIS		FED. AID PROJECT		

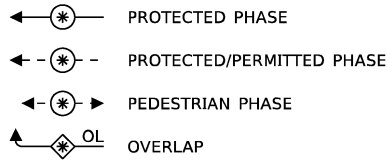
TS 1050
IDOT CENTRACS & ECON 103
PACE TSP



PROPOSED CONTROLLER SEQUENCE



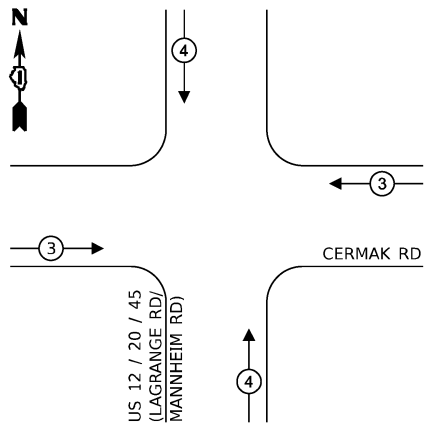
LEGEND:



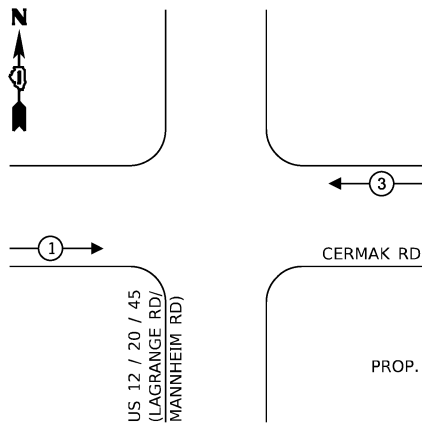
RIGHT TURN OVERLAP
PHASE DESIGNATION:

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

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING AND PROPOSED TRANSIT SIGNAL PRIORITY PREEMPTION SEQUENCE

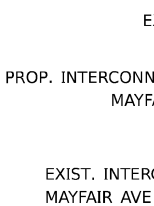


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	13	11	143
4-SECTION	-	14	-
5-SECTION	10	13	130
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
PTZ CAMERA	1	75	75
NETWORK SWITCH II OR III	2	35	70
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING			828
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			1433

ENERGY COSTS TO:
VILLAGE OF WESTCHESTER
10300 W ROOSEVELT ROAD
WESTCHESTER, IL 60154

ENERGY SUPPLY: CONTACT: ERICKA IRBY
 PHONE: (779) 231-0633
 COMPANY: COMED
ACCOUNT NUMBER: 17630-28218
METER NUMBER: ---



INSTALL IN
CONTROL
IN EXISTING
CABINET

CABLE PLAN

(NOT TO SCALE)

NOTES:

ONLY RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED.

THE SOFTWARE FOR THIS CONTROLLER
SHALL BE EOS.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
CERMAK RD AND US 12/20/45 (LAGRANGE RD/MANNHEIM RD)**

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	195
		CONTRACT NO. 62N39		
ILLINOIS		FED. AID PROJECT		

TS SHT NO. 44

MODEL: \$MODELNAME\$
FILE NAME: D162N39-sht-TS44 CAB Mannheim Road.dgn

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

USER NAME	= msomer
PLOT SCALE	= \$SCALE\$
PLOT DATE	= 03/19/2025

DESIGNED	-	TM
DRAWN	-	TM, SR
CHECKED	-	JAR
DATE	-	05/23/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
CERMAK RD AND US 12/20/45 (LAGRANGE RD/MANNHEIM RD)**

SCALE: NTS	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	195
		CONTRACT NO. 62N39		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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TS 1050
ECON 102
PACE TSP

ECON 102
SPACE TSP



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

USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
CERMAK RD AND US 12-20-45 (LAGRANGE RD/MANNHEIM RD)

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

TS 1050
IDOT CENTRACS & ECON 103
PACE TSP

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	196
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	227
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	241
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	40
CONCRETE FOUNDATION, TYPE A	FOOT	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	350
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINAL SERVER	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	85
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LED SIGNAL FACE, VISOR HEATER	EACH	23
LAYER III (NETWORK) SWITCH	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1
LED PEDESTRIAN SIGNAL MODULE REPLACEMENT	EACH	8
LED SIGNAL MODULE REPLACEMENT	EACH	21

REMOVAL AND RELOCATION NOTES:

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

- 4 EACH MAST ARM ASSEMBLY AND POLE
- 2 EACH TRAFFIC SIGNAL POST
- 16 EACH SIGNAL HEAD, 5-SECTION
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSHBUTTON
- 1 EACH CONTROLLER (ASC/3-1000)
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH STREET NAME SIGN

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER CABINET:

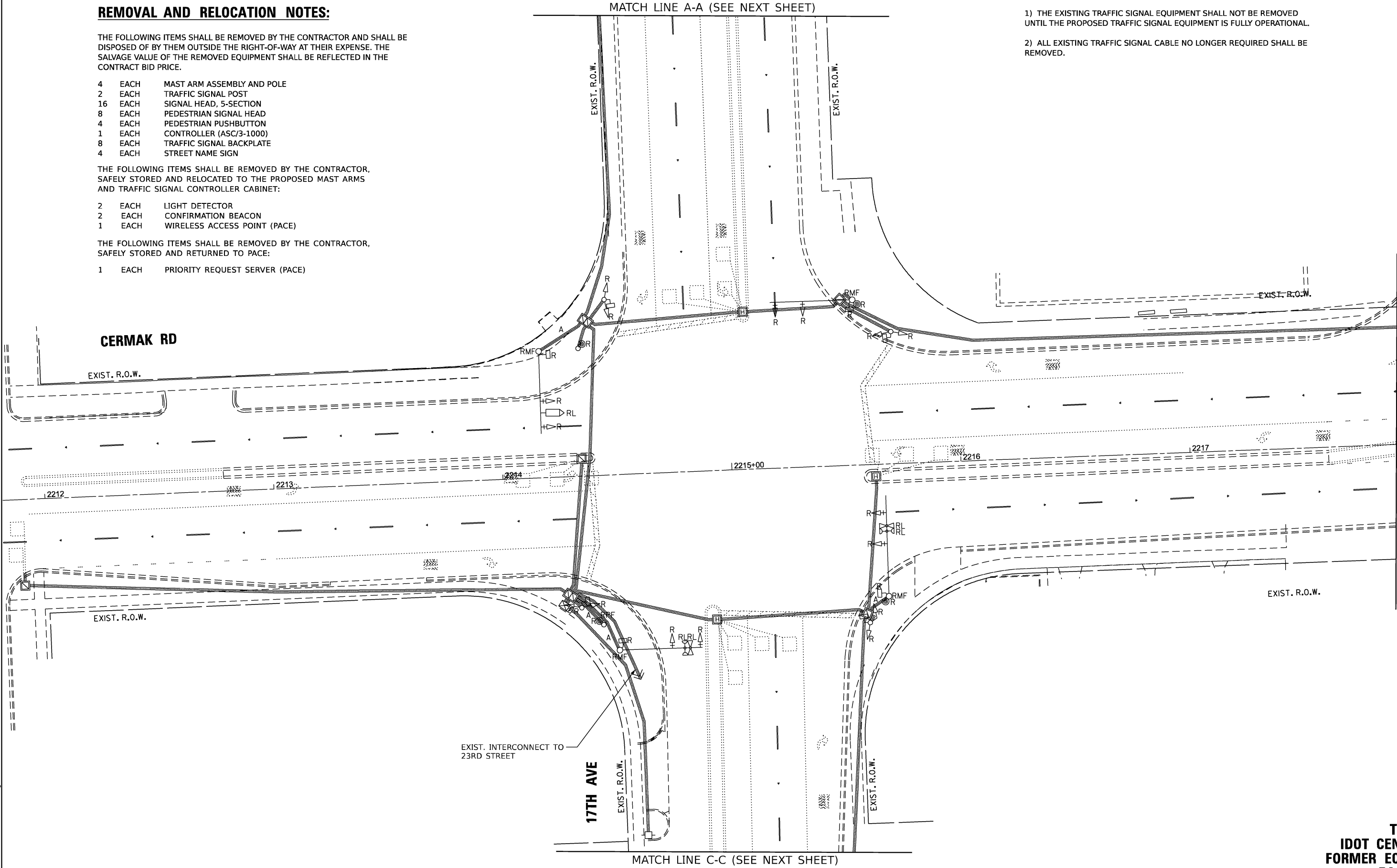
- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON
- 1 EACH WIRELESS ACCESS POINT (PACE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RETURNED TO PACE:

- 1 EACH PRIORITY REQUEST SERVER (PACE)

NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.



TS SHT NO. 46
MODEL: 4602ELNAMES
FILE NAME: D:\2023\27\TS46 REM 17th Avenue.dgn



USER NAME = msomer	DESIGNED - TM	REVISED -
	DRAWN - TM, SR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JAR	REVISED -
PLOT DATE = 03/19/2025	DATE - 05/23/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 2)
CERMAK RD AND 17TH AVE

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

TS 3700
IDOT CENTRACS
FORMER ECON 27
PAGE TSP

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	197
CONTRACT NO. 62N39				
ILLINOIS FED. AID PROJECT				



USER NAME	= msomer	DESIGNED -	TM	REVISED -	
		DRAWN -	TM, SR	REVISED -	
PLOT SCALE	= \$SCALE\$	CHECKED -	JAR	REVISED -	
PLOT DATE	= 03/19/2025	DATE -	05/23/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 2)
CERMAK RD AND 17TH AVE

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	198
CONTRACT NO. 62N39				
ILLINOIS			FED. AID PROJECT	

TS 3700
IDOT CENTRACS
FORMER ECON 27
PACE TSP

EXIST. INTERCONNECT TO
19TH ST

17TH AVE

EXIST. R.O.W.

EXIST. R.O.W.

MATCH LINE A-A (SEE PREVIOUS SHEET)

MATCH LINE C-C (SEE PREVIOUS SHEET)

17TH AVE

EXIST. R.O.W.

EXIST. R.O.W.

CERMAK RD

EXIST. R.O.W.

EXIST. INTERCONNECT TO
14TH AVE

MATCH LINE B-B (SEE PREVIOUS SHEET)

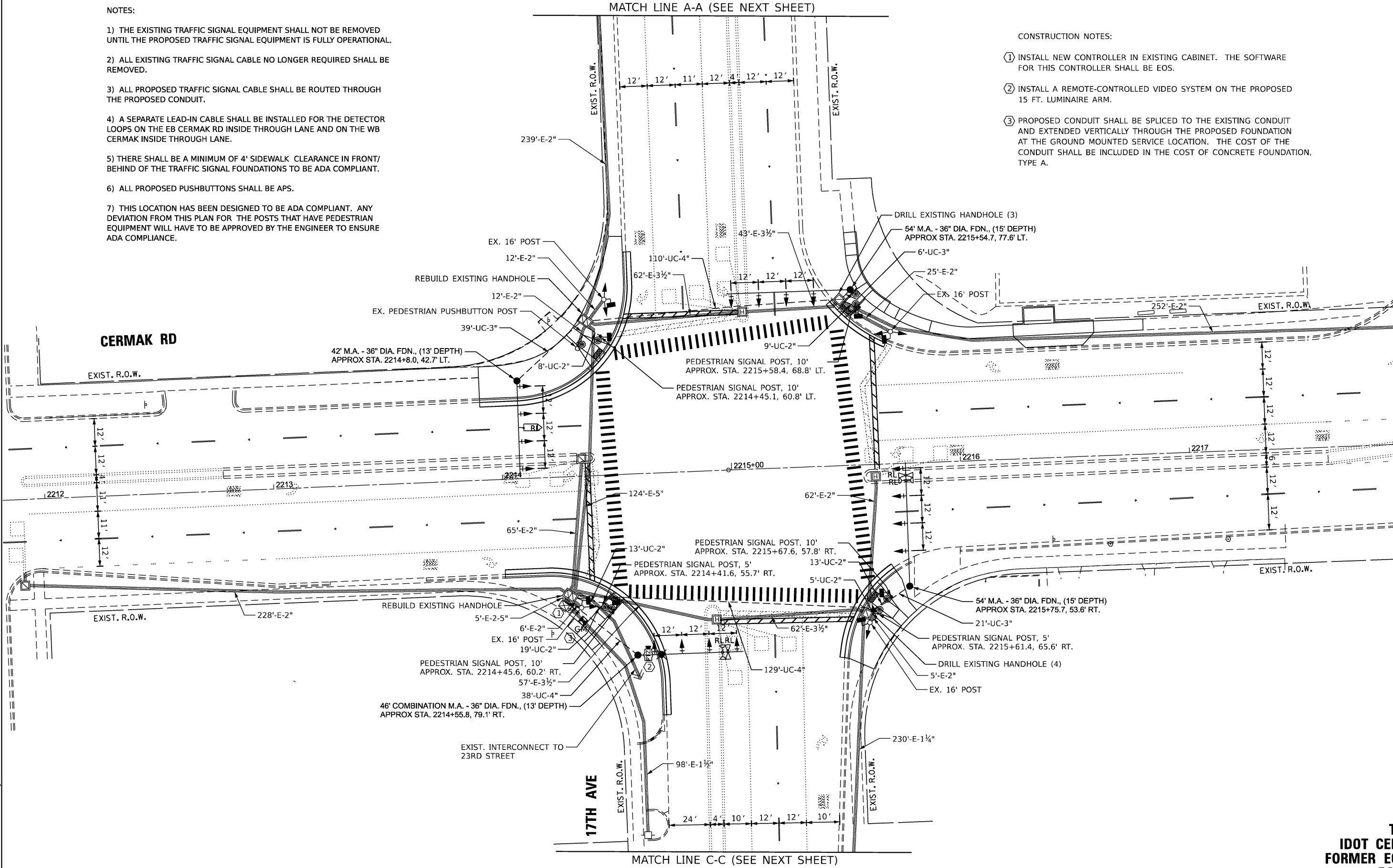


NOTES:

- 1) THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL.
- 2) ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- 3) ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- 4) A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE EB CERMAK RD INSIDE THROUGH LANE AND ON THE WB CERMAK INSIDE THROUGH LANE.
- 5) THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE IN FRONT/ BEHIND OF THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- 6) ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- 7) THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

CONSTRUCTION NOTES:

- ① INSTALL NEW CONTROLLER IN EXISTING CABINET. THE SOFTWARE FOR THIS CONTROLLER SHALL BE EOS.
- ② INSTALL A REMOTE-CONTROLLED VIDEO SYSTEM ON THE PROPOSED 15 FT. LUMINAIRE ARM.
- ③ PROPOSED CONDUIT SHALL BE SPLICED TO THE EXISTING CONDUIT AND EXTENDED VERTICALLY THROUGH THE PROPOSED FOUNDATION AT THE GROUND MOUNTED SERVICE LOCATION. THE COST OF THE CONDUIT SHALL BE INCLUDED IN THE COST OF CONCRETE FOUNDATION, TYPE A.





USER NAME	= msomer	DESIGNED -	TM	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
CERMAK ROAD (22ND ST) AND 17TH AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2020-266-SUR, SW & TS	COOK/DUPAGE	492	200
CONTRACT NO. 62N39				
ILLINOIS			FED. AID PROJECT	

TS 3700
IDOT CENTRACS
FORMER ECON 27
PACE TSP

EXIST. INTERCONNECT TO
19TH ST

17TH AVE

EXIST. R.O.W.

EXIST. R.O.W.

MATCH LINE A-A (SEE PREVIOUS SHEET)

MATCH LINE C-C (SEE PREVIOUS SHEET)

17TH AVE

EXIST. R.O.W.

EXIST. R.O.W.

CERMAK RD

EXIST. R.O.W.

EXIST. INTERCONNECT TO
14TH AVE

MATCH LINE B-B (SEE PREVIOUS SHEET)

2218

