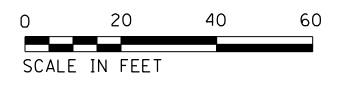
**LEGEND**

XXX-XX- PROPOSED ELEVATION  
 (XXX-XX)- EXISTING ELEVATIONS  
 PROPOSED WIDENING

**NOTES**

- WORK THIS SHEET WITH INTERSECTION DETAILS AND RAMP DETAIL SHEETS



Default FILE NAME = Z:\17002\03\DDT\01\003\_IL\_58\_at\_NSC\_and\_IL\_41\DDA\Design\Prelim\PlotSheets\0162633-3ht-detail\ele-06.dgn

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DRAWN - RG	REVISIED -	
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

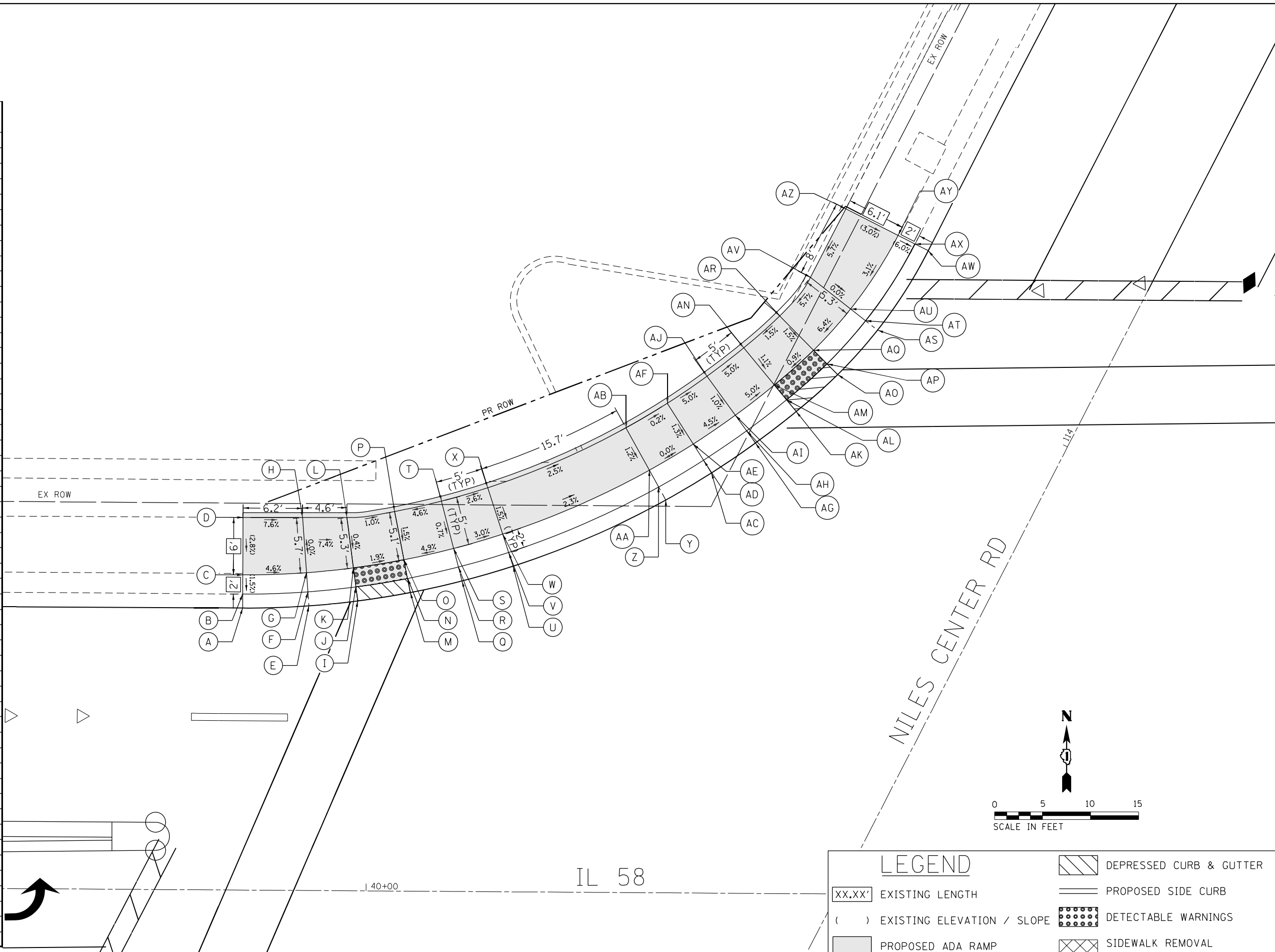
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>INTERSECTION DETAILS AND ELEVATIONS</b>	
SCALE: 1" = 20'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	101
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

Default: FILE NAME = Z:\17002.03\_IDOT\_D1\_M03\_IL\_58\_at\_NSC\_end\_IL\_41\DDA\Design\Prelim\PlotSheets\0162633-shr-desol-ramps-01.dgn

NILES CENTER RD AT IL 58 NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION
A	39+86.97	29.36' LT	(625.54)
B	39+86.97	30.80' LT	(625.98)
C	39+86.97	32.80' LT	(626.01)
D	39+86.96	38.79' LT	(626.18)
E	39+93.86	29.63' LT	625.44
F	39+93.75	31.09' LT	625.71
G	39+93.59	33.08' LT	625.71
H	39+93.15	38.79' LT	625.71
I	39+98.94	30.17' LT	625.37
J	39+98.74	31.63' LT	625.34
K	39+98.47	33.61' LT	625.35
L	39+97.76	38.86' LT	625.37
M	40+04.10	32.54' LT	625.23
N	40+04.12	32.54' LT	625.22
O	40+03.72	34.50' LT	625.25
P	40+02.72	39.50' LT	625.32
Q	40+09.77	32.33' LT	625.06
R	40+09.39	33.77' LT	625.50
S	40+08.88	35.70' LT	625.51
T	40+07.58	40.62' LT	625.55
U	40+15.08	33.90' LT	624.88
V	40+14.60	35.33' LT	625.32
W	40+13.98	37.23' LT	625.35
X	40+12.38	42.05' LT	625.42
Y	40+30.93	40.89' LT	624.49
Z	40+30.15	42.27' LT	624.93
AA	40+29.19	43.98' LT	624.96
AB	40+26.72	48.38' LT	625.03
AC	40+35.66	43.75' LT	624.49
AD	40+34.80	45.08' LT	624.93
AE	40+33.73	46.73' LT	624.96
AF	40+31.00	50.95' LT	625.02
AG	40+40.20	46.88' LT	624.55
AH	40+39.27	48.16' LT	624.70
AI	40+38.09	49.75' LT	624.72
AJ	40+35.12	53.79' LT	624.77
AK	40+44.42	50.18' LT	624.45
AL	40+43.41	51.40' LT	624.44
AM	40+42.13	52.93' LT	624.46
AN	40+38.93	56.78' LT	624.52
AO	40+48.72	54.06' LT	624.49
AP	40+47.60	55.17' LT	624.48
AQ	40+46.19	56.58' LT	624.51
AR	40+42.65	61.12' LT	624.59
AS	40+52.83	58.72' LT	624.54
AT	40+51.58	59.69' LT	624.88
AU	40+50.02	60.90' LT	624.88
AV	40+45.82	64.16' LT	624.88
AW	40+58.05	67.01' LT	(624.58)
AX	40+56.69	67.70' LT	(625.04)
AY	40+54.90	68.59' LT	(625.16)
AZ	40+49.46	71.32' LT	(625.34)



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

USER NAME = RG011	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT NILES CENTER RD RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	102
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				








NILES CENTER RD

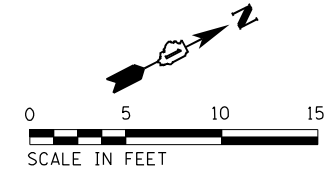
ONLY

NILES CENTER RD AT IL 58 NORTHEAST CORNER			
	STATION	OFFSET	ELEVATION
A	114+11.07	52.27' RT	622.62
B	114+12.64	52.43' RT	622.61
C	114+14.63	52.63' RT	622.64
D	114+19.61	53.14' RT	622.71
E	114+12.97	44.93' RT	622.69
F	114+14.43	45.55' RT	622.68
G	114+16.27	46.34' RT	622.71
H	114+20.86	48.32' RT	622.78
I	114+20.11	35.46' RT	623.11
J	114+21.11	36.68' RT	623.10
K	114+22.38	38.23' RT	623.11
L	114+25.54	42.10' RT	623.14
M	114+26.64	31.60' RT	623.22
N	114+27.23	33.07' RT	623.21
O	114+27.97	34.93' RT	623.21
P	114+29.83	39.57' RT	623.21
Q	114+32.85	29.89' RT	623.41
R	114+33.18	31.44' RT	623.50
S	114+33.60	33.39' RT	623.50
T	114+34.65	38.28' RT	623.50
U	114+37.74	28.87' RT	623.51
V	114+38.08	30.42' RT	623.80
W	114+38.49	32.37' RT	623.80
X	114+39.54	37.26' RT	623.80
Y	114+42.65	27.92' RT	623.83
Z	114+42.98	29.45' RT	624.09
AA	114+43.40	31.41' RT	624.09
AB	114+44.45	36.31' RT	624.09
AC	114+48.43	26.89' RT	623.77
AD	114+48.69	28.43' RT	624.16
AE	114+42.98	29.45' RT	624.09
AF	114+43.40	31.41' RT	624.09
AG	114+44.45	36.31' RT	624.09
AH	114+48.43	26.89' RT	623.77
AI	114+48.69	28.43' RT	624.16
AJ	114+49.03	30.40' RT	624.16
AK	114+10.94	54.47' RT	622.90
AL	114+14.52	54.52' RT	622.96
AM	114+20.34	54.60' RT	623.00
AN	114+12.81	64.29' RT	622.46

NILES CENTER RD AT MOBIL DRIVEWAY			
	STATION	OFFSET	ELEVATION
A	114+71.11	23.77' RT	624.18
B	114+71.27	25.29' RT	624.25
C	114+70.80	27.36' RT	624.32
D	114+73.46	27.08' RT	624.29
E	114+71.34	32.33' RT	624.32
F	114+69.27	33.06' RT	(624.19)
G	114+79.00	31.58' RT	(624.40)
H	114+92.72	32.67' RT	(624.50)
I	114+92.72	30.67' RT	624.53
J	115+13.71	32.29' RT	(625.05)
K	115+13.50	29.69' RT	624.69
L	115+23.50	29.65' RT	(625.05)
M	115+23.51	21.81' RT	(624.58)
N	115+20.14	23.33' RT	624.63
O	115+20.15	21.81' RT	624.56
P	114+92.72	22.16' RT	624.36
Q	114+92.72	23.66' RT	624.43

LEGEND

-  DEPRESSED CURB & GUTTER
-  PROPOSED SIDE CURB
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL & SOD
-  EXISTING LENGTH
-  EXISTING ELEVATION / SLOPE
-  PROPOSED ADA RAMP



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
NILES CENTER RD AT IL 58 AND MOBIL DRIVEWAY RAMP DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	103
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

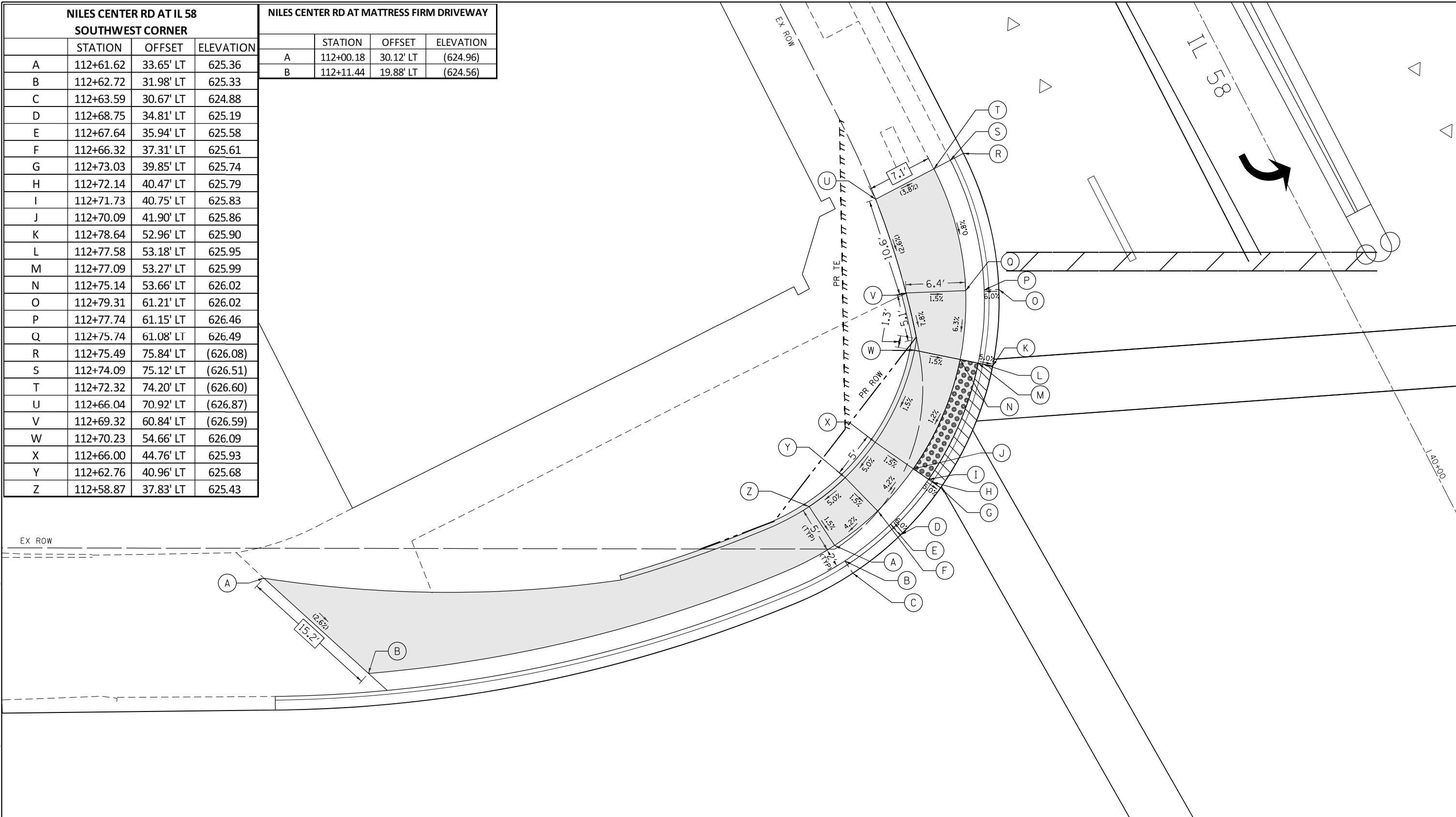
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PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

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

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NILES CENTER RD AT IL 58 SOUTHWEST CORNER			
	STATION	OFFSET	ELEVATION
A	112+61.62	33.65' LT	625.36
B	112+62.72	31.98' LT	625.33
C	112+63.59	30.67' LT	624.88
D	112+68.75	34.81' LT	625.19
E	112+67.64	35.94' LT	625.58
F	112+66.32	37.31' LT	625.61
G	112+73.03	39.85' LT	625.74
H	112+72.14	40.47' LT	625.79
I	112+71.73	40.75' LT	625.83
J	112+70.09	41.90' LT	625.86
K	112+78.64	52.96' LT	625.90
L	112+77.58	53.18' LT	625.95
M	112+77.09	53.27' LT	625.99
N	112+75.14	53.66' LT	626.02
O	112+79.31	61.21' LT	626.02
P	112+77.74	61.15' LT	626.46
Q	112+75.74	61.08' LT	626.49
R	112+75.49	75.84' LT	(626.08)
S	112+74.09	75.12' LT	(626.51)
T	112+72.32	74.20' LT	(626.60)
U	112+66.04	70.92' LT	(626.87)
V	112+69.32	60.84' LT	(626.59)
W	112+70.23	54.66' LT	626.09
X	112+66.00	44.76' LT	625.93
Y	112+62.76	40.96' LT	625.68
Z	112+58.87	37.83' LT	625.43

NILES CENTER RD AT MATTRESS FIRM DRIVEWAY			
	STATION	OFFSET	ELEVATION
A	112+00.18	30.12' LT	(624.96)
B	112+11.44	19.88' LT	(624.56)



**LEGEND**

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER
( )	EXISTING ELEVATION / SLOPE		DETECTABLE WARNINGS
	PROPOSED ADA RAMP		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED SIDE CURB		

NILES CENTER RD

113

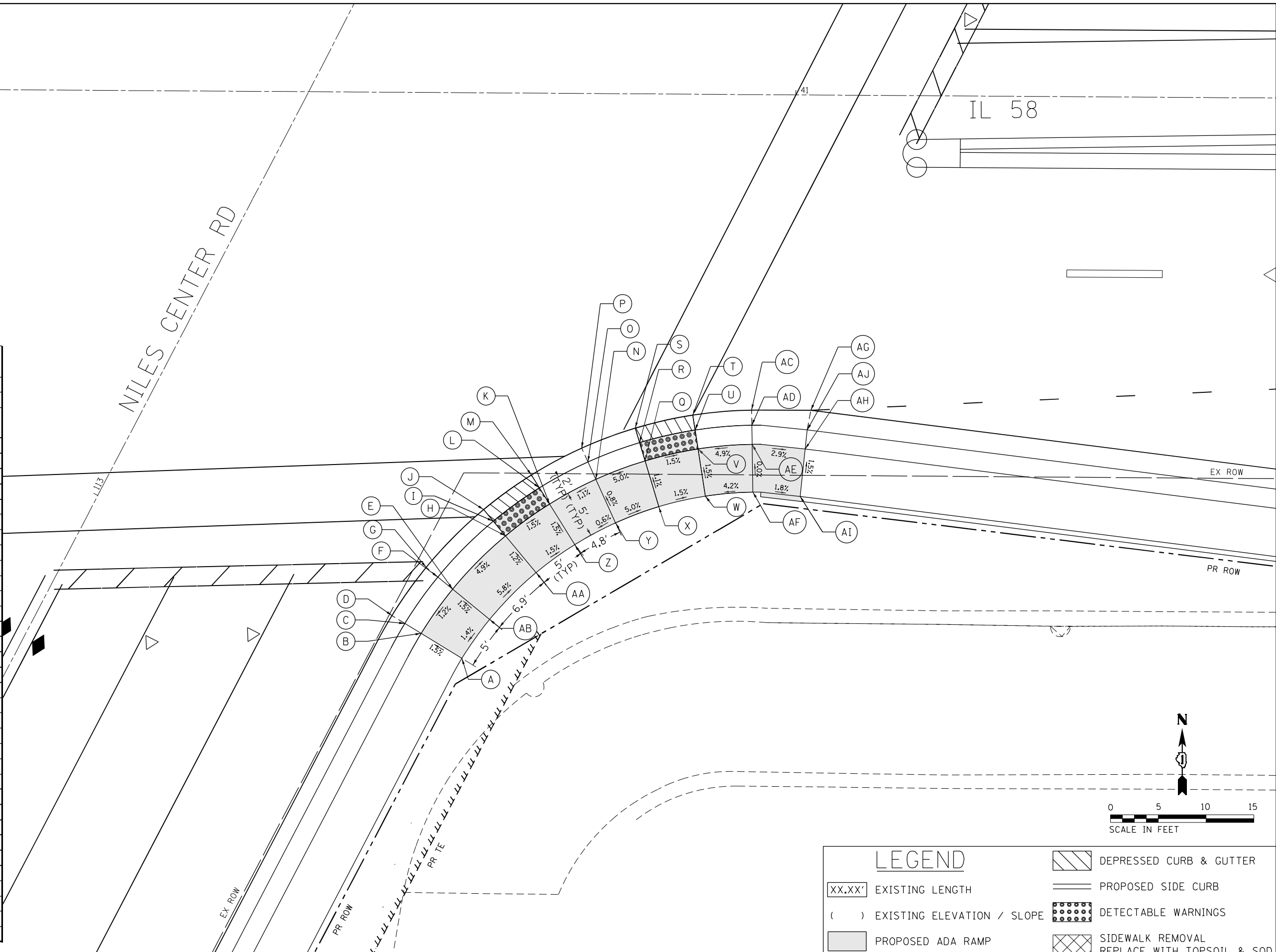
SCALE IN FEET  
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	DRAWN - RG	REVISD -			CONTRACT NO. 62633				
	CHECKED - JH	REVISD -	SCALE: 1" = 5'		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
	DATE - 02/28/2020	REVISD -							

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NILES CENTER RD AT IL 58 SOUTHEAST CORNER			
	STATION	OFFSET	ELEVATION
A	113+02.55	41.66' RT	624.55
B	113+02.89	36.68' RT	624.48
C	113+03.02	34.68' RT	624.45
D	113+03.13	33.10' RT	624.01
E	113+08.52	27.45' RT	624.55
F	113+08.92	35.49' RT	624.52
G	113+09.25	33.94' RT	624.08
H	113+16.02	39.77' RT	624.16
I	113+16.79	37.93' RT	624.14
J	113+17.41	36.47' RT	624.15
K	113+21.10	42.31' RT	624.08
L	113+22.12	40.59' RT	624.05
M	113+22.92	39.23' RT	624.06
N	113+25.64	45.41' RT	624.14
O	113+26.88	43.84' RT	624.12
P	113+27.85	42.60' RT	623.94
Q	113+29.73	49.08' RT	623.87
R	113+31.16	47.69' RT	623.85
S	113+32.29	46.59' RT	623.86
T	113+36.29	51.29' RT	623.77
U	113+35.02	52.23' RT	623.76
V	113+33.41	53.42' RT	623.79
W	113+29.39	56.38' RT	623.86
X	113+26.15	52.58' RT	623.93
Y	113+22.56	49.35' RT	624.18
Z	113+18.56	46.62' RT	624.15
AA	113+14.10	44.39' RT	624.22
AB	113+07.50	42.34' RT	624.62
AF	113+32.07	60.60' RT	624.07
AE	113+36.46	58.21' RT	624.07
AD	113+38.22	57.25' RT	624.07
AC	113+39.61	56.50' RT	623.65
AI	113+33.95	65.19' RT	623.98
AH	113+38.60	63.36' RT	623.91
AG	113+42.38	61.86' RT	623.50
AJ	113+40.46	62.62' RT	623.88



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
▒	PROPOSED ADA RAMP
▨	DEPRESSED CURB & GUTTER
—	PROPOSED SIDE CURB
•••••	DETECTABLE WARNINGS
▩	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

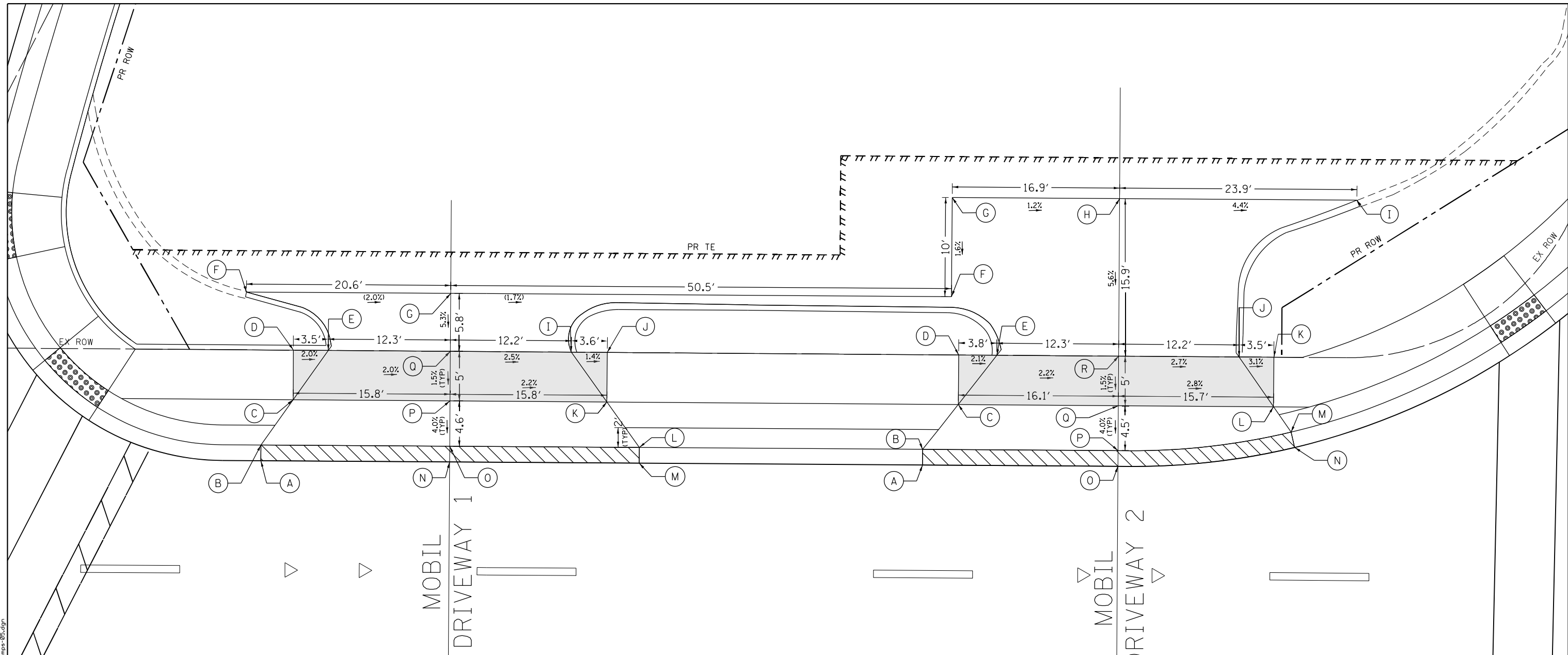
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PLOT SCALE = 10.0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

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

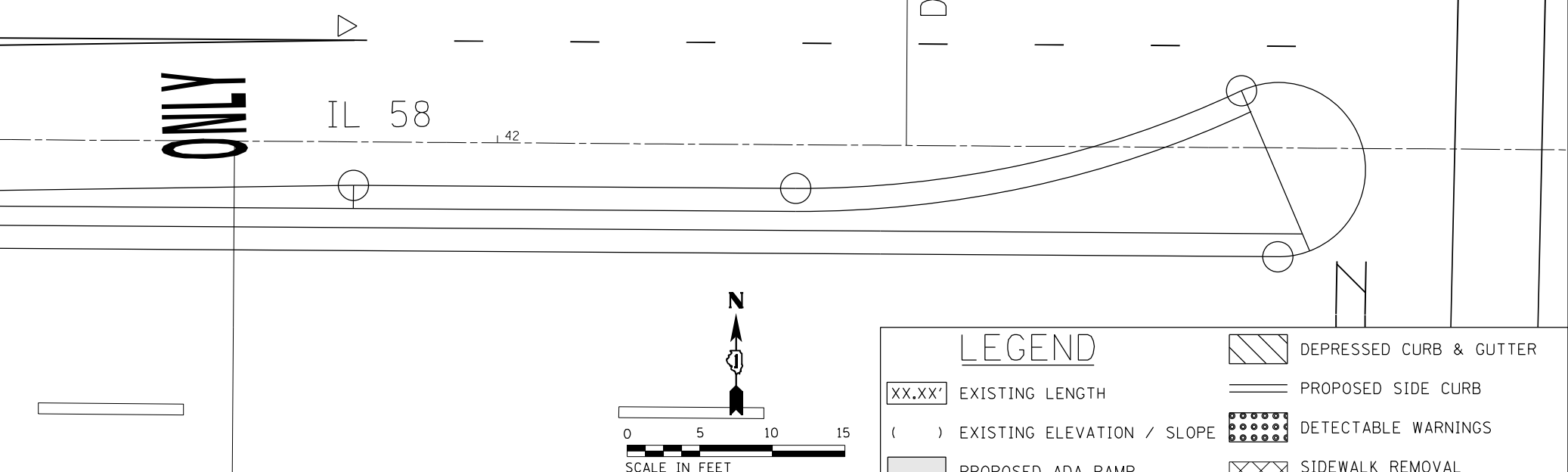
IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)			
IL 58 AT NILES CENTER RD RAMP DETAIL			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	105
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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IL 58 AT MOBIL DRIVEWAY 1				IL 58 AT MOBIL DRIVEWAY 2			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	41+41.69	29.00' LT	(622.35)	A	42+08.45	29.00' LT	(620.93)
B	41+41.69	30.58' LT	622.41	B	42+08.44	30.58' LT	621.00
C	41+44.90	35.17' LT	622.52	C	42+12.03	35.13' LT	621.09
D	41+44.90	40.17' LT	622.59	D	42+12.03	40.13' LT	621.16
E	41+48.41	40.17' LT	622.52	E	42+15.88	40.12' LT	621.08
F	41+40.13	46.00' LT	(623.00)	F	42+11.27	46.00' LT	(621.75)
G	41+60.74	46.00' LT	(622.59)	G	42+11.27	56.00' LT	(621.91)
H		NOT USED		H	42+28.18	56.00' LT	(621.70)
I	41+72.94	40.15' LT	621.98	I	42+52.12	56.00' LT	(620.66)
J	41+76.56	40.15' LT	621.93	J	42+40.33	40.11' LT	620.48
K	41+76.56	35.15' LT	621.86	K	42+43.84	40.11' LT	620.37
L	41+79.87	30.58' LT	621.61	L	42+43.83	35.11' LT	620.30
M	41+79.87	29.00' LT	(621.55)	M	42+45.62	62.56' LT	620.13
N	41+60.74	29.00' LT	(621.97)	N	42+46.00	31.02' LT	620.07
O	41+60.74	30.58' LT	622.03	O	42+28.18	29.00' LT	(620.50)
P	41+60.74	35.16' LT	622.21	P	42+28.18	30.58' LT	620.56
Q	41+60.74	40.16' LT	622.28	Q	42+28.18	35.12' LT	620.74
				R	42+28.18	40.12' LT	620.81



USER NAME = RG011	DESIGNED - RG	REVISED -
DRAWN - RG	CHECKED - JH	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 02/28/2020	REVISED -
PLOT DATE = 1/28/2021		

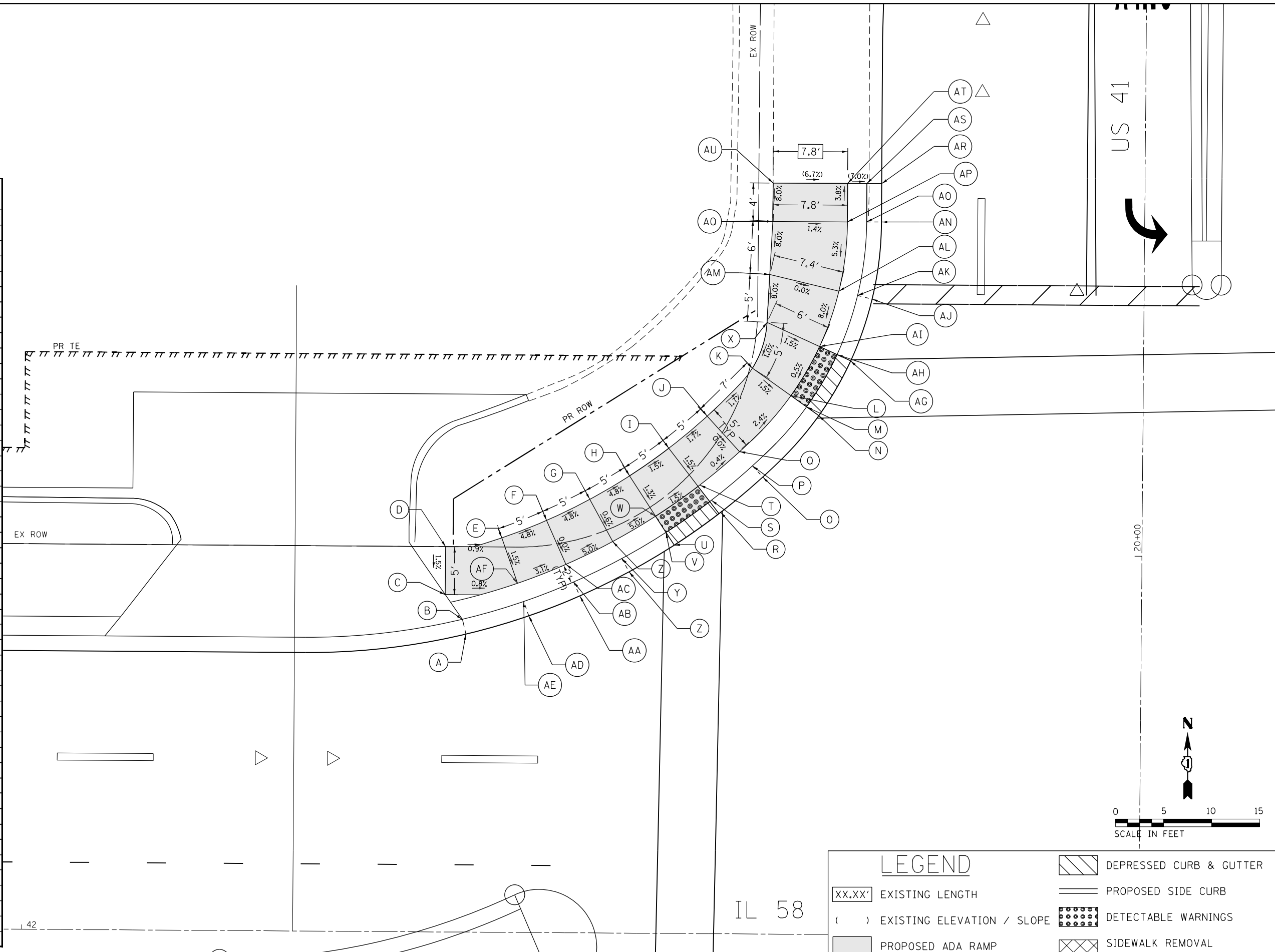
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT MOBIL DRIVEWAY 1 RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	106
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

IL 58 AT US 41 NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION
A	19+91.31	70.26' LT	620.06
B	19+92.84	70.64' LT	620.13
C	19+95.39	72.44' LT	620.30
D	20+00.39	72.45' LT	620.37
E	20+01.35	66.60' LT	620.41
F	20+03.21	61.96' LT	620.35
G	20+05.44	57.48' LT	620.28
H	20+07.92	53.38' LT	619.94
I	20+10.83	49.31' LT	619.60
J	20+14.20	45.35' LT	619.54
K	20+19.23	40.69' LT	619.86
L	20+16.40	36.66' LT	619.79
M	20+15.25	35.02' LT	619.76
N	20+14.35	33.74' LT	619.32
O	20+10.53	41.95' LT	619.45
P	20+09.07	40.59' LT	619.44
Q	20+10.53	41.95' LT	619.54
R	20+04.20	43.85' LT	619.54
S	20+05.45	44.83' LT	619.53
T	20+07.02	46.06' LT	619.56
U	20+00.74	48.66' LT	619.62
V	20+02.06	49.53' LT	619.61
W	20+03.74	50.63' LT	619.64
X	20+24.02	39.20' LT	619.47
Y	19+99.31	54.11' LT	619.89
Z	20+01.06	55.07' LT	619.90
AA	19+95.38	58.45' LT	619.86
AB	19+96.83	59.09' LT	620.17
AC	19+98.65	59.91' LT	620.17
AD	19+93.26	63.74' LT	619.87
AE	19+94.76	64.27' LT	620.31
AF	19+96.64	64.95' LT	620.34
AG	20+20.08	30.47' LT	619.43
AH	20+20.73	31.90' LT	619.35
AI	20+21.55	33.72' LT	619.38
AJ	20+26.53	28.29' LT	619.42
AK	20+26.88	29.81' LT	619.87
AL	20+27.34	31.76' LT	619.87
AM	20+29.01	38.96' LT	619.87
AN	20+34.56	27.38' LT	(619.53)
AO	20+34.55	28.93' LT	619.97
AP	20+34.55	30.93' LT	620.20
AQ	20+34.53	38.69' LT	620.31
AR	20+38.56	27.39' LT	(619.59)
AS	20+38.55	28.94' LT	(619.97)
AT	20+38.55	30.94' LT	(620.11)
AU	20+38.53	38.69' LT	(620.63)



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
[Shaded Box]	PROPOSED ADA RAMP

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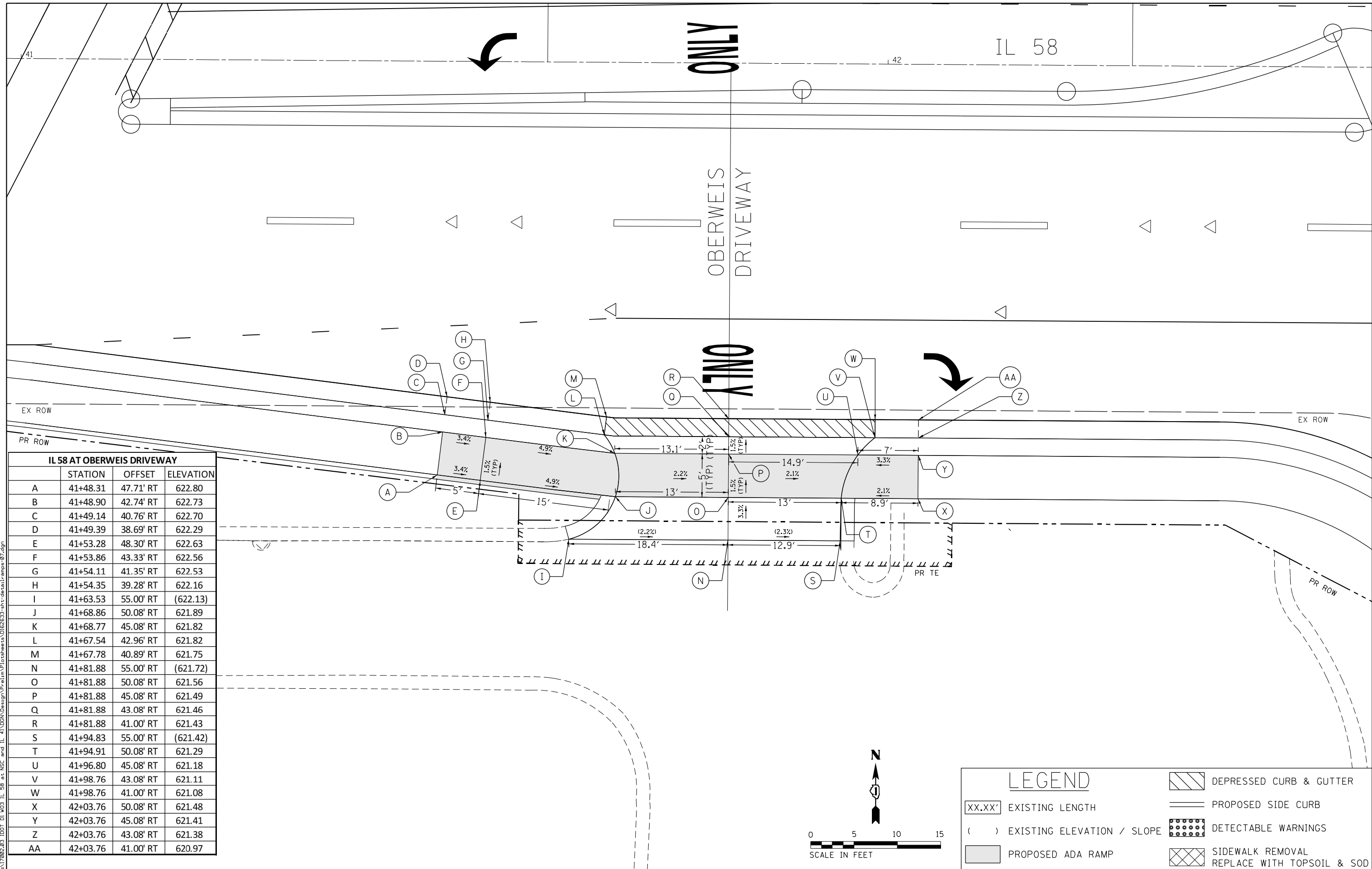
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT US 41 RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	107
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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IL 58 AT OBERWEIS DRIVEWAY			
	STATION	OFFSET	ELEVATION
A	41+48.31	47.71' RT	622.80
B	41+48.90	42.74' RT	622.73
C	41+49.14	40.76' RT	622.70
D	41+49.39	38.69' RT	622.29
E	41+53.28	48.30' RT	622.63
F	41+53.86	43.33' RT	622.56
G	41+54.11	41.35' RT	622.53
H	41+54.35	39.28' RT	622.16
I	41+63.53	55.00' RT	(622.13)
J	41+68.86	50.08' RT	621.89
K	41+68.77	45.08' RT	621.82
L	41+67.54	42.96' RT	621.82
M	41+67.78	40.89' RT	621.75
N	41+81.88	55.00' RT	(621.72)
O	41+81.88	50.08' RT	621.56
P	41+81.88	45.08' RT	621.49
Q	41+81.88	43.08' RT	621.46
R	41+81.88	41.00' RT	621.43
S	41+94.83	55.00' RT	(621.42)
T	41+94.91	50.08' RT	621.29
U	41+96.80	45.08' RT	621.18
V	41+98.76	43.08' RT	621.11
W	41+98.76	41.00' RT	621.08
X	42+03.76	50.08' RT	621.48
Y	42+03.76	45.08' RT	621.41
Z	42+03.76	43.08' RT	621.38
AA	42+03.76	41.00' RT	620.97

**LEGEND**

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER
( )	EXISTING ELEVATION / SLOPE		PROPOSED SIDE CURB
	PROPOSED ADA RAMP		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD		

USER NAME = RGO11	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT OBERWEIS DRIVEWAY RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	108
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

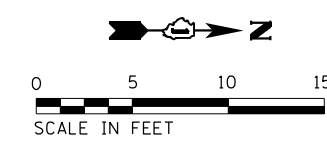
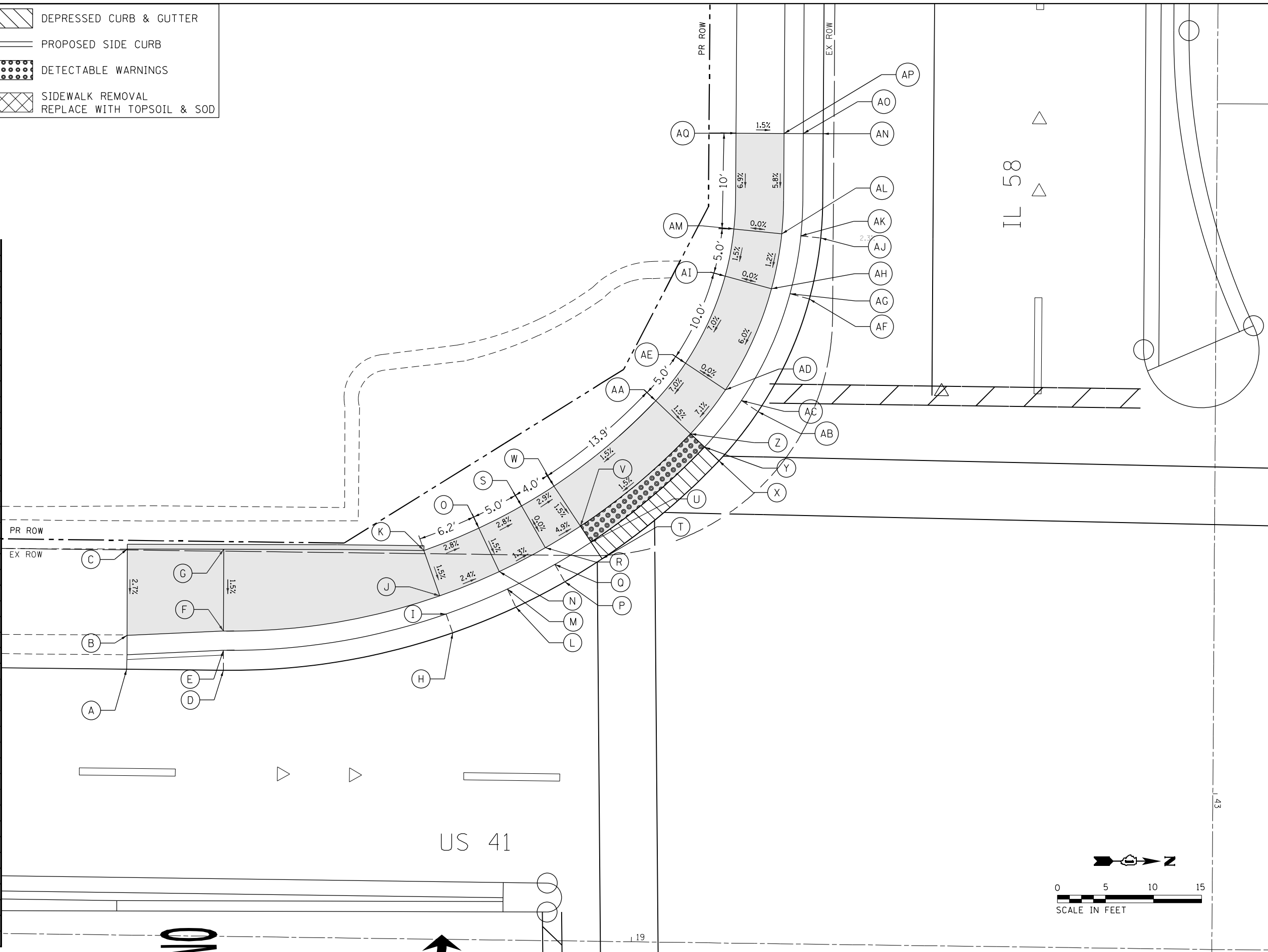


# LEGEND

- XX.XX' EXISTING LENGTH
- ( ) EXISTING ELEVATION / SLOPE
- PROPOSED ADA RAMP
- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL & SOD

## SOUTHWEST CORNER

	STATION	OFFSET	ELEVATION
A	18+47.11	27.67' LT	
B	18+47.09	31.19' LT	618.74
C	18+47.00	40.19' LT	618.98
D	18+57.17	27.69' LT	618.35
E	18+57.15	29.77' LT	618.76
F	18+57.13	31.77' LT	618.79
G	18+57.04	40.30' LT	618.92
H	18+80.98	31.91' LT	618.74
I	18+80.26	33.87' LT	619.15
J	18+79.58	35.74' LT	619.18
K	18+77.87	40.44' LT	619.26
L	18+87.52	34.67' LT	618.58
M	18+86.61	36.55' LT	618.99
N	18+85.74	38.35' LT	619.02
O	18+83.56	42.85' LT	619.09
P	18+92.58	37.38' LT	618.65
Q	18+91.52	39.18' LT	618.95
R	18+90.51	40.90' LT	618.95
S	18+87.97	45.21' LT	618.95
T	18+96.42	39.81' LT	618.74
U	18+95.25	41.53' LT	618.71
V	18+94.12	43.19' LT	618.74
W	18+91.31	47.32' LT	618.81
X	19+08.45	50.18' LT	618.95
Y	19+06.92	51.59' LT	618.92
Z	19+05.45	52.95' LT	618.96
AA	19+01.78	56.34' LT	619.02
AB	19+12.45	55.35' LT	619.12
AC	19+10.70	56.49' LT	619.37
AD	19+09.02	57.57' LT	619.37
AE	19+04.83	60.30' LT	619.37
AF	19+17.63	67.15' LT	619.71
AG	19+15.62	67.67' LT	620.07
AH	19+13.68	68.17' LT	620.07
AI	19+08.84	69.41' LT	620.07
AJ	19+18.73	73.52' LT	619.97
AK	19+16.66	73.70' LT	620.14
AL	19+14.67	73.88' LT	620.14
AM	19+09.69	74.33' LT	620.14
AN	19+18.85	84.37' LT	620.31
AO	19+16.77	84.35' LT	620.72
AP	19+14.77	84.34' LT	620.75
AQ	19+09.77	84.31' LT	620.82



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	DRAWN - RG	REVISED -
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

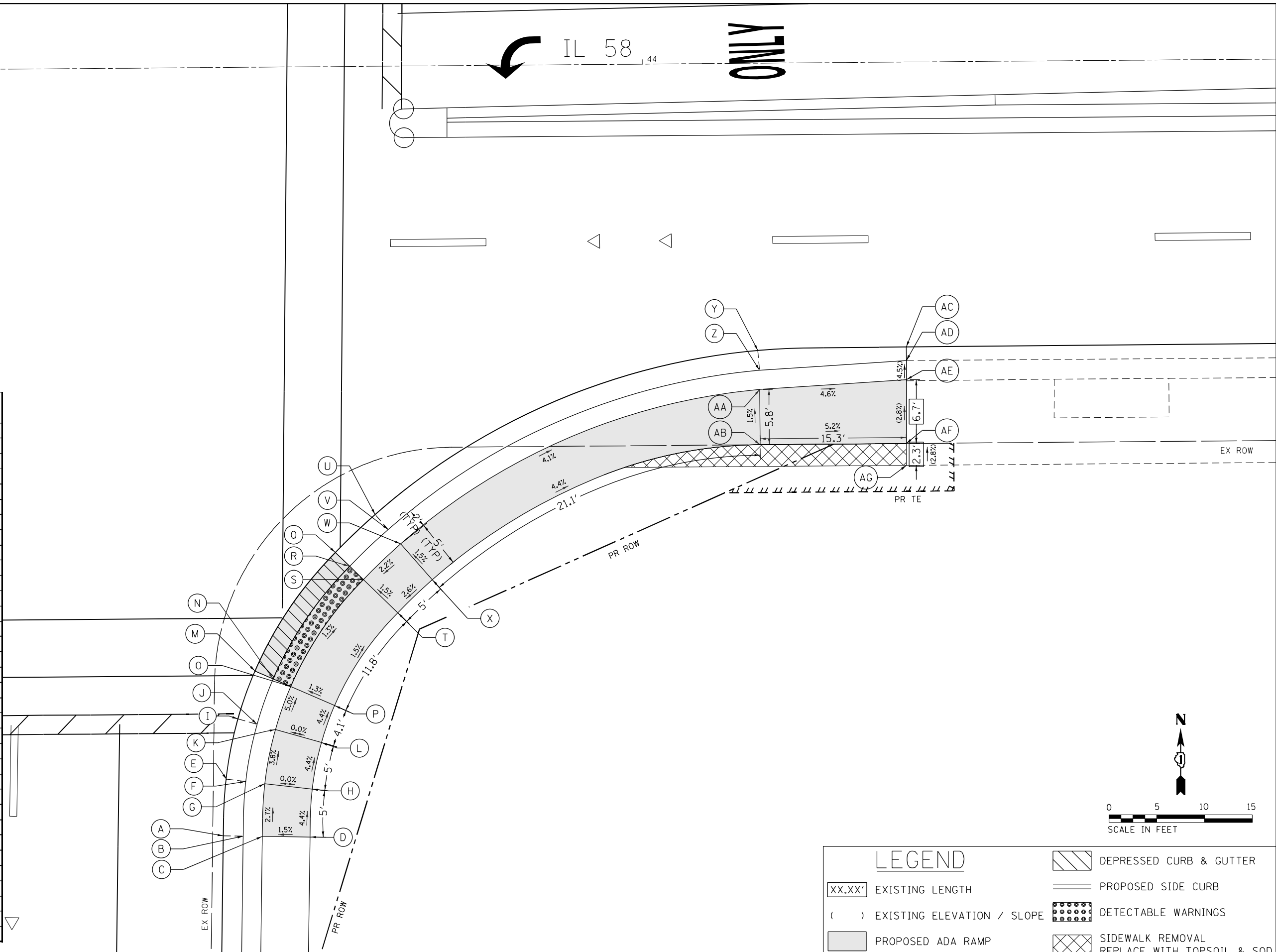
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT US 41 RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	109
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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IL 58 AT US 41 SOUTHEAST CORNER			
	STATION	OFFSET	ELEVATION
A	18+80.87	41.00' RT	618.35
B	18+80.87	43.08' RT	618.76
C	18+80.87	45.08' RT	618.79
D	18+80.87	50.08' RT	618.86
E	18+86.80	41.19' RT	618.37
F	18+86.59	43.27' RT	618.64
G	18+86.39	45.26' RT	618.64
H	18+85.89	50.24' RT	618.64
I	18+93.13	42.37' RT	618.30
J	18+92.59	44.37' RT	618.42
K	18+92.07	46.31' RT	618.42
L	18+90.77	51.14' RT	618.42
M	18+98.16	44.08' RT	618.18
N	18+97.36	46.00' RT	618.15
O	18+97.53	42.26' RT	618.18
P	18+94.67	52.46' RT	618.24
Q	19+10.68	52.33' RT	617.99
R	19+09.25	53.84' RT	617.96
S	19+07.88	55.30' RT	617.99
T	19+04.46	58.95' RT	618.06
U	19+14.70	56.43' RT	617.67
V	19+13.15	57.82' RT	618.09
W	19+11.67	59.16' RT	618.12
X	19+07.96	62.51' RT	618.19
Y	19+32.40	96.26' RT	616.98
Z	19+30.33	96.46' RT	616.40
AA	19+28.32	96.51' RT	616.42
AB	19+22.54	96.63' RT	616.51
AC	19+32.97	111.78' RT	(616.63)
AD	19+31.56	111.81' RT	(617.03)
AE	19+29.55	111.84' RT	(617.12)
AF	19+22.87	111.93' RT	(617.30)
AG	19+20.58	111.95' RT	617.37



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
▒	PROPOSED ADA RAMP
▨	DEPRESSED CURB & GUTTER
—	PROPOSED SIDE CURB
⋯	DETECTABLE WARNINGS
▩	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

USER NAME = RG011	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

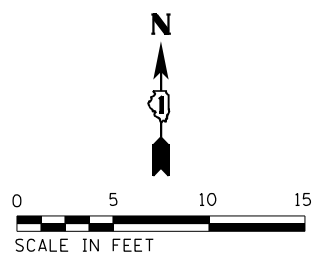
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
IL 58 AT US 41 RAMP DETAIL**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 110
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

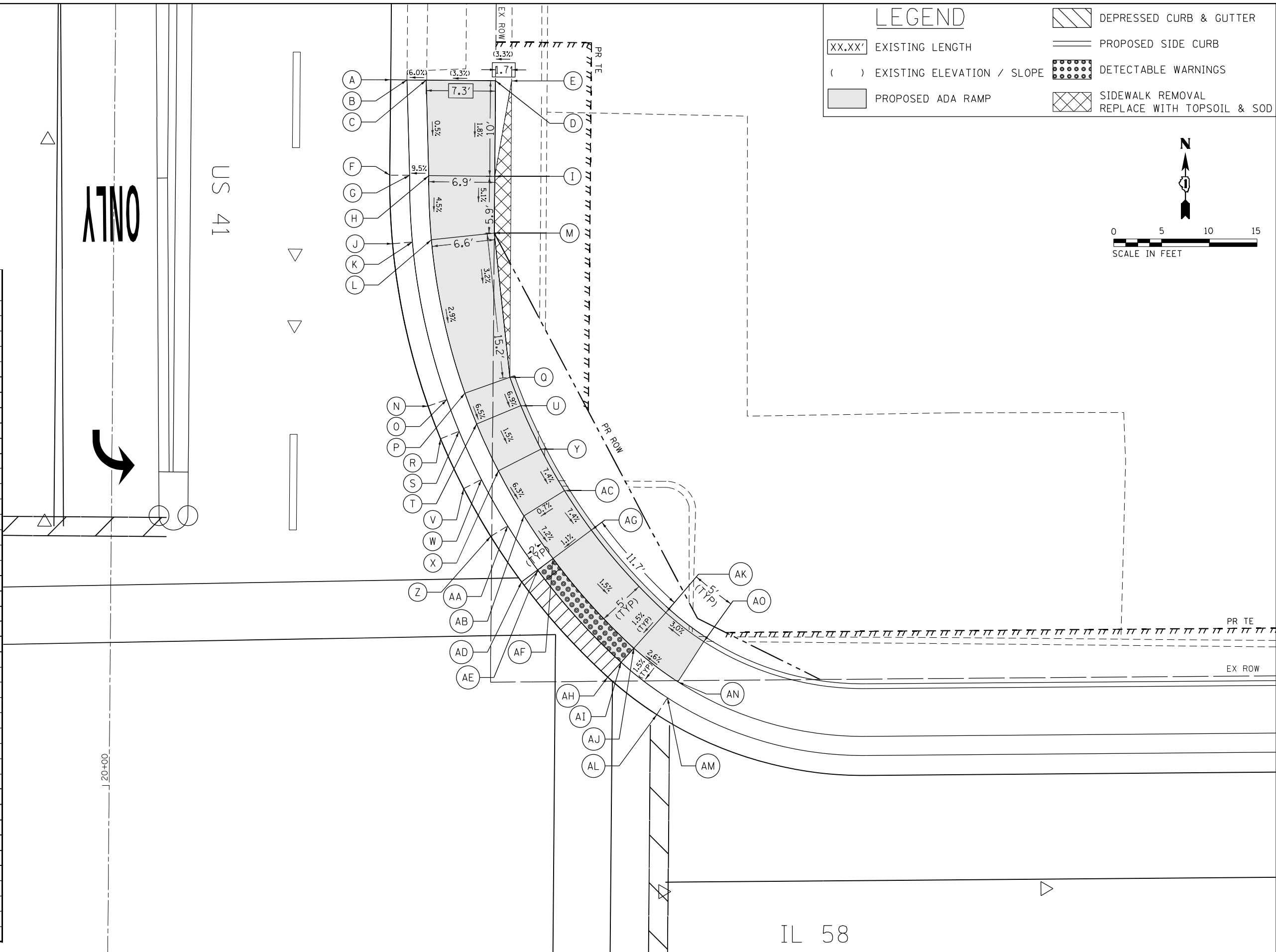
SCALE: 1" = 5'      SHEET OF SHEETS      STA. TO STA.

**LEGEND**

- XX.XX' EXISTING LENGTH
- ( ) EXISTING ELEVATION / SLOPE
- PROPOSED ADA RAMP
- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL & SOD



IL 58 AT US 41 NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION
A	20+74.09	28.84' RT	(620.01)
B	20+74.09	30.56' RT	(620.33)
C	20+74.09	32.56' RT	(620.45)
D	20+74.08	39.83' RT	(620.68)
E	20+74.08	41.51' RT	(620.74)
F	20+64.11	28.84' RT	(619.80)
G	20+64.11	30.92' RT	620.21
H	20+64.08	39.90' RT	620.40
I	20+64.08	3.83' RT	(620.50)
J	20+56.94	29.18' RT	619.63
K	20+57.14	31.26' RT	620.07
L	20+57.37	33.24' RT	620.10
M	20+58.14	39.82' RT	620.20
N	20+39.97	33.05' RT	619.21
O	20+40.68	35.01' RT	619.62
P	20+41.36	36.89' RT	619.65
Q	20+43.07	41.58' RT	619.72
R	20+36.56	34.39' RT	619.09
S	20+37.37	36.31' RT	619.40
T	20+38.15	38.15' RT	619.43
U	20+40.11	42.75' RT	619.50
V	20+31.37	36.84' RT	618.91
W	20+32.34	38.69' RT	619.32
X	20+33.27	40.46' RT	619.35
Y	20+35.59	44.89' RT	619.42
Z	20+26.40	39.72' RT	618.71
AA	20+27.51	41.48' RT	619.00
AB	20+28.58	43.17' RT	619.01
AC	20+31.26	47.39' RT	619.05
AD	20+21.67	42.99' RT	618.63
AE	20+22.93	44.65' RT	618.60
AF	20+24.14	46.25' RT	618.62
AG	20+27.15	50.24' RT	618.68
AH	20+11.78	52.08' RT	618.44
AI	20+13.34	53.46' RT	618.41
AJ	20+14.84	54.79' RT	618.44
AK	20+18.58	58.11' RT	618.51
AL	20+07.91	57.26' RT	618.15
AM	20+09.66	58.36' RT	618.56
AN	20+11.35	59.43' RT	618.59
AO	20+15.58	62.10' RT	618.66



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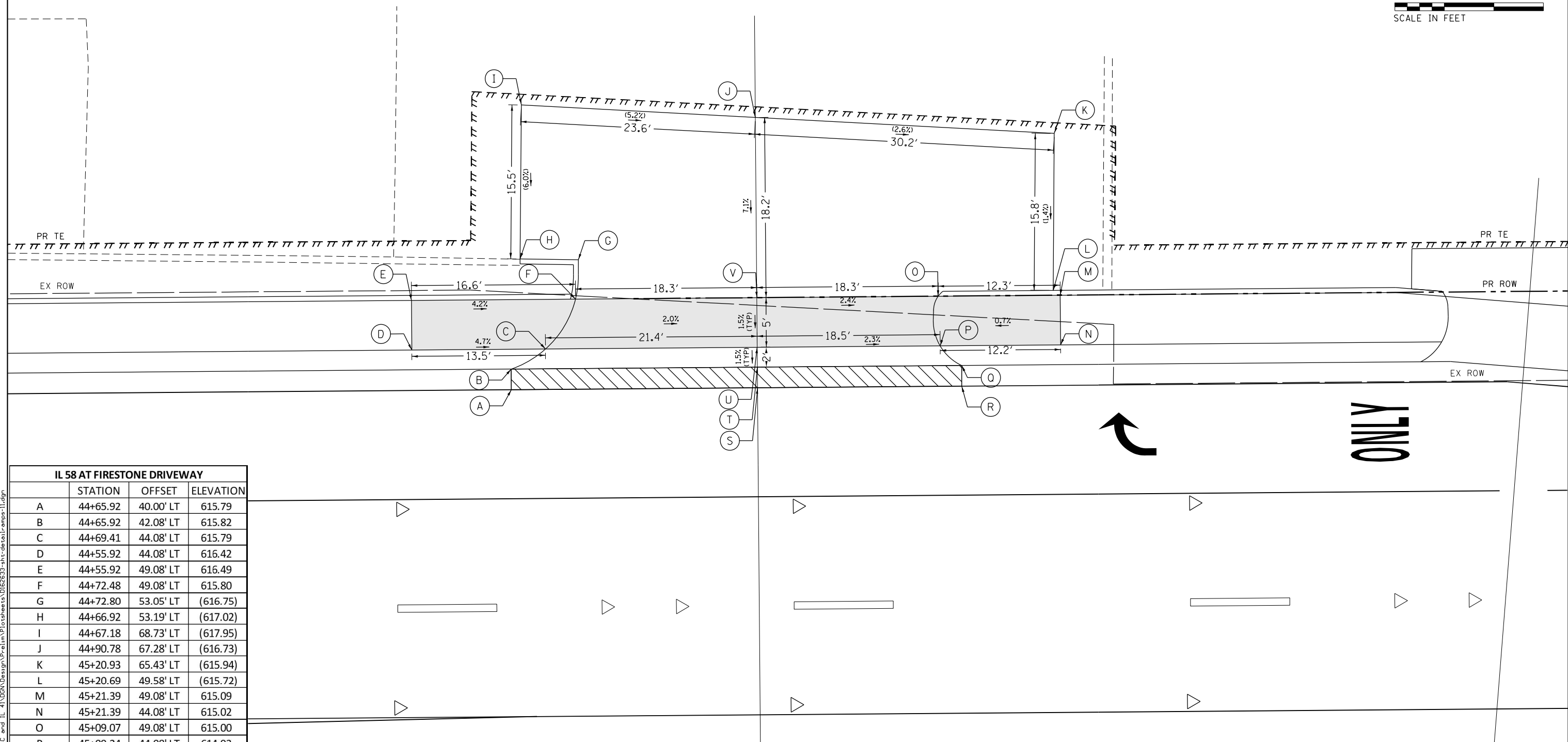
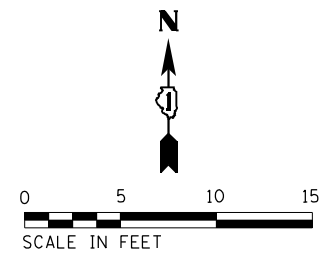
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT US 41 RAMP DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	111
CONTRACT NO. 62633				

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

ILLINOIS FED. AID PROJECT



IL 58 AT FIRESTONE DRIVEWAY			
	STATION	OFFSET	ELEVATION
A	44+65.92	40.00' LT	615.79
B	44+65.92	42.08' LT	615.82
C	44+69.41	44.08' LT	615.79
D	44+55.92	44.08' LT	616.42
E	44+55.92	49.08' LT	616.49
F	44+72.48	49.08' LT	615.80
G	44+72.80	53.05' LT	(616.75)
H	44+66.92	53.19' LT	(617.02)
I	44+67.18	68.73' LT	(617.95)
J	44+90.78	67.28' LT	(616.73)
K	45+20.93	65.43' LT	(615.94)
L	45+20.69	49.58' LT	(615.72)
M	45+21.39	49.08' LT	615.09
N	45+21.39	44.08' LT	615.02
O	45+09.07	49.08' LT	615.00
P	45+09.24	44.08' LT	614.93
Q	45+11.39	42.08' LT	614.85
R	45+11.39	40.00' LT	614.82
S	44+90.78	40.00' LT	615.30
T	44+90.78	42.08' LT	615.33
U	44+90.78	44.08' LT	615.36
V	44+90.78	49.08' LT	615.43

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Shaded Box]	PROPOSED ADA RAMP
[Hatched Box]	DEPRESSED CURB & GUTTER
[Dashed Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

IL 58 45+00

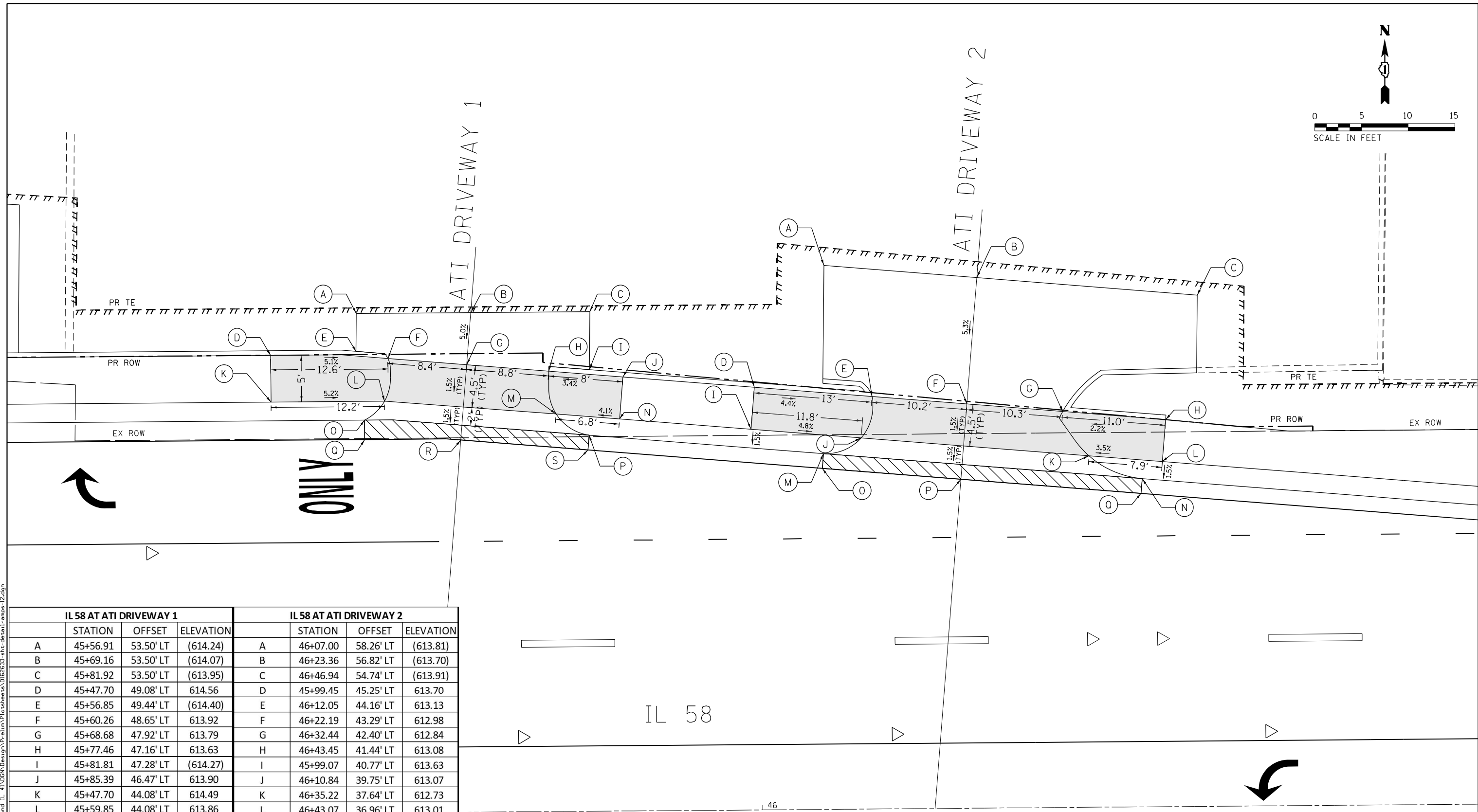
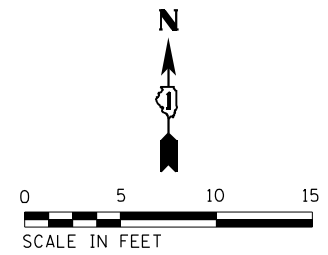
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	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
IL 58 AT FIRESTONE RAMP DETAIL  
SCALE: 1" = 5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	112
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



IL 58 AT ATI DRIVEWAY 1			IL 58 AT ATI DRIVEWAY 2				
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	45+56.91	53.50' LT	(614.24)	A	46+07.00	58.26' LT	(613.81)
B	45+69.16	53.50' LT	(614.07)	B	46+23.36	56.82' LT	(613.70)
C	45+81.92	53.50' LT	(613.95)	C	46+46.94	54.74' LT	(613.91)
D	45+47.70	49.08' LT	614.56	D	45+99.45	45.25' LT	613.70
E	45+56.85	49.44' LT	(614.40)	E	46+12.05	44.16' LT	613.13
F	45+60.26	48.65' LT	613.92	F	46+22.19	43.29' LT	612.98
G	45+68.68	47.92' LT	613.79	G	46+32.44	42.40' LT	612.84
H	45+77.46	47.16' LT	613.63	H	46+43.45	41.44' LT	613.08
I	45+81.81	47.28' LT	(614.27)	I	45+99.07	40.77' LT	613.63
J	45+85.39	46.47' LT	613.90	J	46+10.84	39.75' LT	613.07
K	45+47.70	44.08' LT	614.49	K	46+35.22	37.64' LT	612.73
L	45+59.85	44.08' LT	613.86	L	46+43.07	36.96' LT	613.01
M	45+78.20	42.58' LT	613.55	M	46+06.79	38.10' LT	613.10
N	45+85.00	41.99' LT	613.83	N	46+40.90	35.14' LT	612.62
O	45+57.70	42.08' LT	613.87	O	46+06.66	36.52' LT	613.04
P	45+81.72	40.27' LT	613.46	P	46+21.50	35.23' LT	612.82
Q	45+57.70	40.00' LT	613.84	Q	46+40.77	33.56' LT	612.56
R	45+67.98	39.87' LT	613.63				
S	45+81.58	38.69' LT	613.40				

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Shaded Box]	PROPOSED ADA RAMP
[Hatched Box]	DEPRESSED CURB & GUTTER
[Dashed Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

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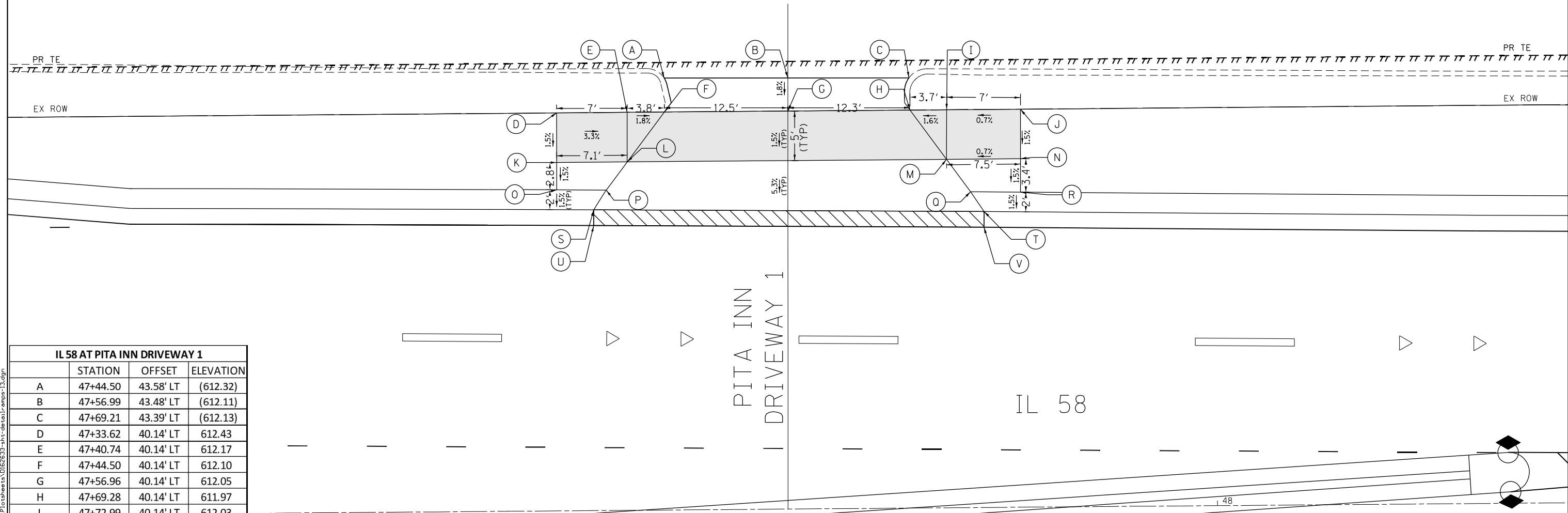
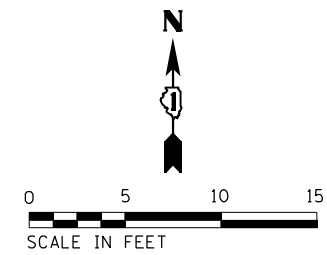
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PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**IL 58 AT ATI DRIVEWAY 1 AND 2 RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	113
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



IL 58 AT PITA INN DRIVEWAY 1			
	STATION	OFFSET	ELEVATION
A	47+44.50	43.58' LT	(612.32)
B	47+56.99	43.48' LT	(612.11)
C	47+69.21	43.39' LT	(612.13)
D	47+33.62	40.14' LT	612.43
E	47+40.74	40.14' LT	612.17
F	47+44.50	40.14' LT	612.10
G	47+56.96	40.14' LT	612.05
H	47+69.28	40.14' LT	611.97
I	47+72.99	40.14' LT	612.03
J	47+80.43	40.14' LT	612.08
K	47+33.60	35.14' LT	612.33
L	47+40.72	35.14' LT	612.10
M	47+72.93	35.14' LT	611.96
N	47+80.38	35.14' LT	612.01
O	47+33.56	32.38' LT	612.29
P	47+38.58	32.32' LT	611.96
Q	47+75.33	31.85' LT	611.69
R	47+80.36	31.77' LT	611.96
S	47+37.30	30.33' LT	611.86
T	47+76.69	29.85' LT	611.57
U	47+37.28	28.75' LT	(611.80)
V	47+76.66	28.26' LT	(611.51)

PITA INN DRIVEWAY 1

IL 58

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Shaded Box]	PROPOSED ADA RAMP
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

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USER NAME = RG011	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

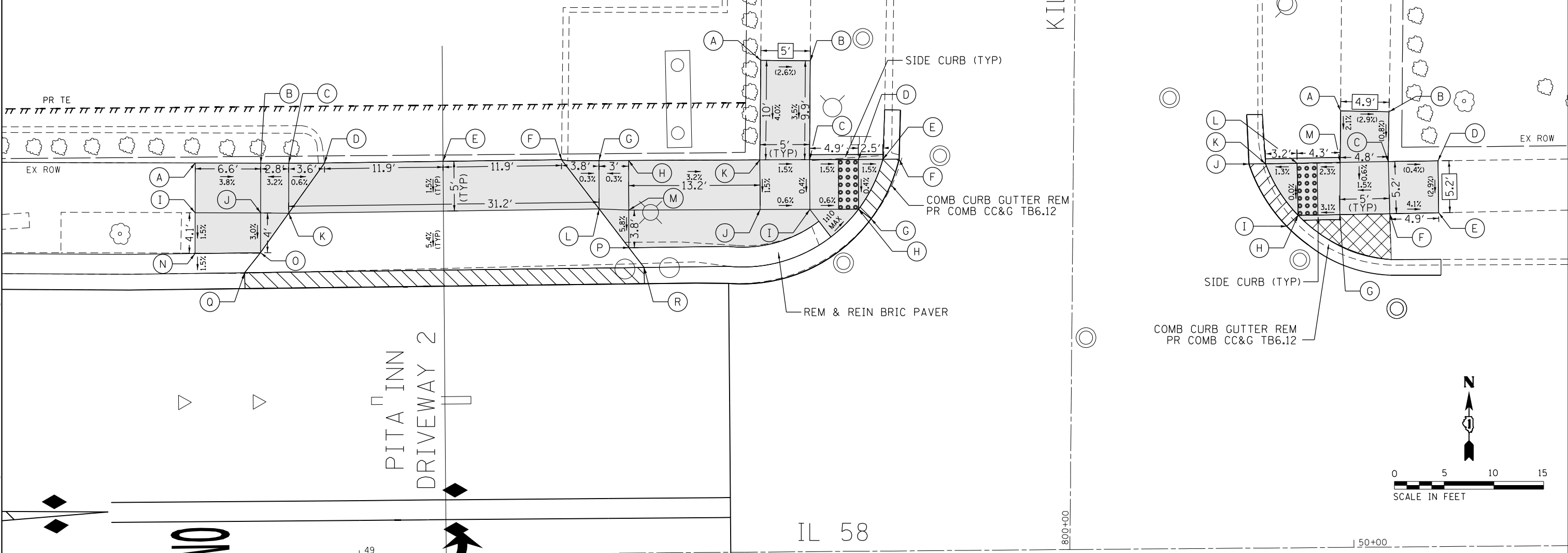
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
IL 58 AT PITA INN DRIVEWAY 1 RAMP DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	114
CONTRACT NO. 62633				

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

ILLINOIS FED. AID PROJECT

IL 58 AT PITA INN DRIVEWAY 2				IL 58 AT KILPATRICK AVE NORTHWEST CORNER				IL 58 AT KILPATRICK AVE NORTHEAST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	48+83.81	39.57' LT	611.54	A	49+40.76	49.42' LT	(611.32)	A	49+99.01	43.87' LT	(610.94)
B	48+90.40	39.50' LT	611.29	B	49+45.73	49.34' LT	(611.19)	B	50+03.88	43.74' LT	(611.08)
C	48+93.22	39.47' LT	611.38	C	49+45.59	39.41' LT	610.84	C	50+03.76	38.75' LT	(611.12)
D	48+96.81	39.46' LT	(611.36)	D	49+50.48	39.39' LT	610.77	D	50+08.76	38.78' LT	(611.10)
E	49+08.72	39.53' LT	(611.35)	E	49+52.95	39.38' LT	610.73	E	50+08.79	33.56' LT	(610.95)
F	49+20.64	39.60' LT	(611.34)	F	49+54.58	39.37' LT	(610.73)	F	50+03.87	33.50' LT	611.15
G	49+24.41	39.49' LT	611.33	G	49+51.71	33.42' LT	(610.80)	G	49+98.84	33.45' LT	611.08
H	49+27.38	39.48' LT	611.34	H	49+50.46	34.39' LT	610.79	H	49+94.65	33.41' LT	610.95
I	48+83.75	34.57' LT	611.46	I	49+45.57	34.41' LT	610.82	I	49+93.50	32.32' LT	(610.96)
J	48+90.34	34.50' LT	611.21	J	49+40.57	34.43' LT	610.85	J	49+89.76	38.61' LT	(610.91)
K	48+93.16	34.44' LT	611.30	K	49+40.59	39.43' LT	610.92	K	49+91.42	38.62' LT	610.91
L	49+24.39	34.62' LT	611.26					L	49+94.60	38.66' LT	610.95
M	49+27.36	34.48' LT	611.27					M	49+98.93	38.70' LT	611.05
N	48+83.71	30.47' LT	611.40								
O	48+90.30	30.50' LT	611.09								
P	49+27.35	30.70' LT	611.05								
Q	48+88.69	28.49' LT	610.98								
R	49+28.86	28.70' LT	610.94								



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**ONLY**

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
▭	PROPOSED ADA RAMP
▨	DEPRESSED CURB & GUTTER
—	PROPOSED SIDE CURB
▣	DETECTABLE WARNINGS
▤	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

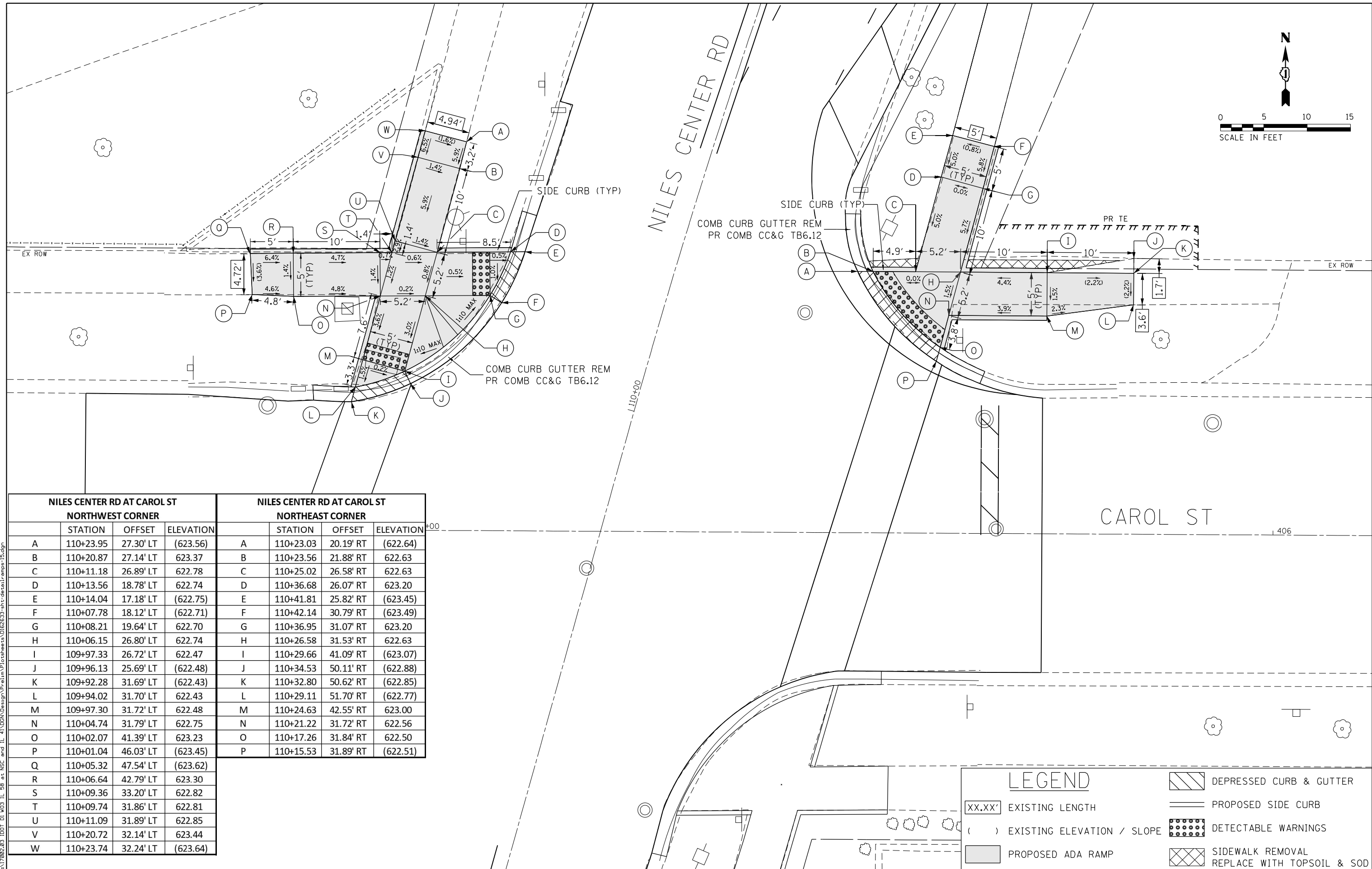
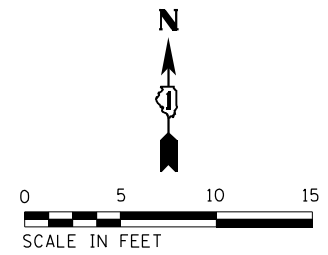
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	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
IL 58 AT PITA INN DRIVEWAY 2 / KILPATRICK AVE RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	115
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



NILES CENTER RD AT CAROL ST NORTHWEST CORNER				NILES CENTER RD AT CAROL ST NORTHEAST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	110+23.95	27.30' LT	(623.56)	A	110+23.03	20.19' RT	(622.64)
B	110+20.87	27.14' LT	623.37	B	110+23.56	21.88' RT	622.63
C	110+11.18	26.89' LT	622.78	C	110+25.02	26.58' RT	622.63
D	110+13.56	18.78' LT	622.74	D	110+36.68	26.07' RT	623.20
E	110+14.04	17.18' LT	(622.75)	E	110+41.81	25.82' RT	(623.45)
F	110+07.78	18.12' LT	(622.71)	F	110+42.14	30.79' RT	(623.49)
G	110+08.21	19.64' LT	622.70	G	110+36.95	31.07' RT	623.20
H	110+06.15	26.80' LT	622.74	H	110+26.58	31.53' RT	622.63
I	109+97.33	26.72' LT	622.47	I	110+29.66	41.09' RT	(623.07)
J	109+96.13	25.69' LT	(622.48)	J	110+34.53	50.11' RT	(622.88)
K	109+92.28	31.69' LT	(622.43)	K	110+32.80	50.62' RT	(622.85)
L	109+94.02	31.70' LT	622.43	L	110+29.11	51.70' RT	(622.77)
M	109+97.30	31.72' LT	622.48	M	110+24.63	42.55' RT	623.00
N	110+04.74	31.79' LT	622.75	N	110+21.22	31.72' RT	622.56
O	110+02.07	41.39' LT	623.23	O	110+17.26	31.84' RT	622.50
P	110+01.04	46.03' LT	(623.45)	P	110+15.53	31.89' RT	(622.51)
Q	110+05.32	47.54' LT	(623.62)				
R	110+06.64	42.79' LT	623.30				
S	110+09.36	33.20' LT	622.82				
T	110+09.74	31.86' LT	622.81				
U	110+11.09	31.89' LT	622.85				
V	110+20.72	32.14' LT	623.44				
W	110+23.74	32.24' LT	(623.64)				

LEGEND	
	DEPRESSED CURB & GUTTER
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
	PROPOSED ADA RAMP

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	DATE - 02/28/2020	REVISED -

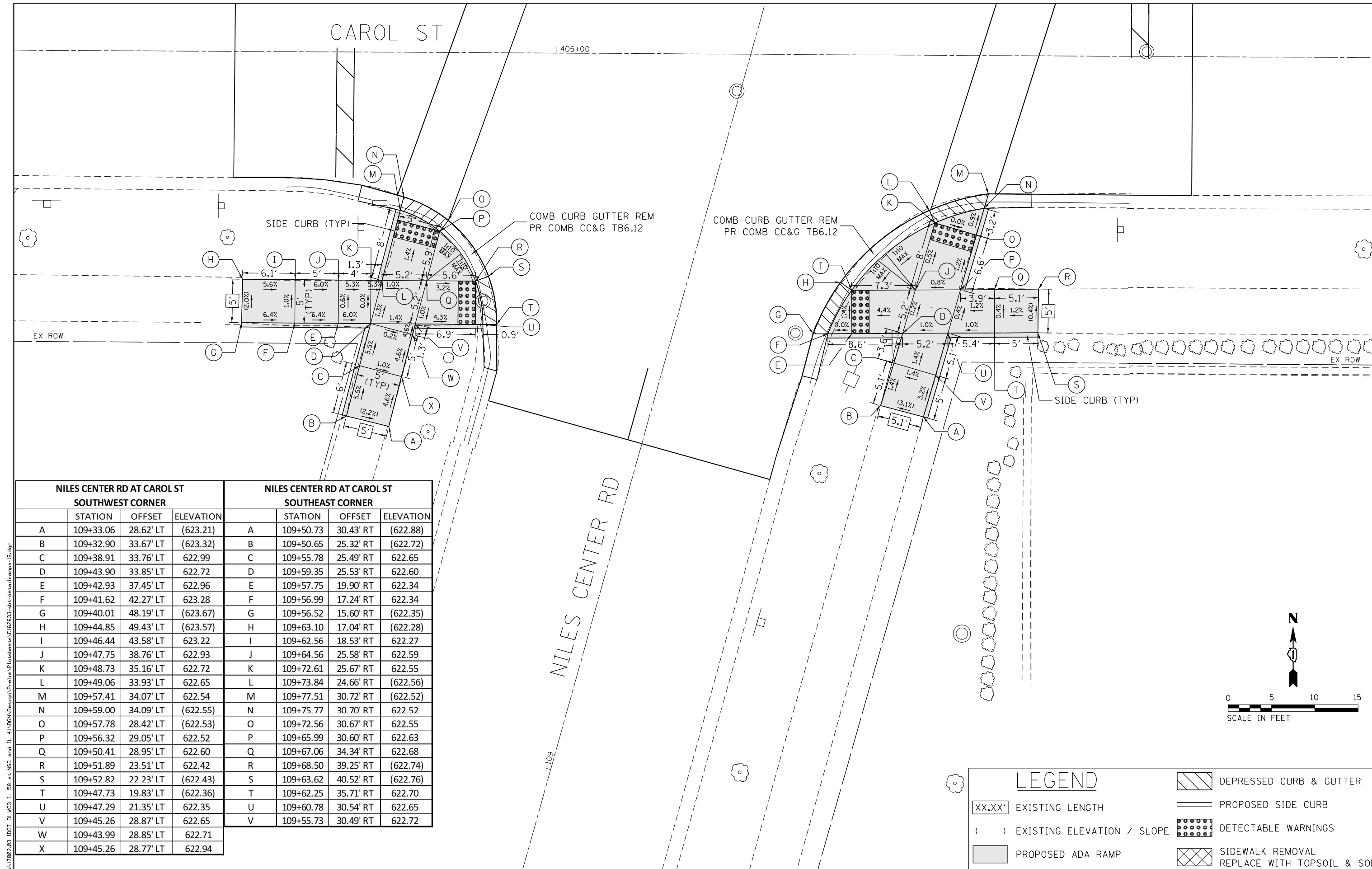
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT CAROL ST DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	116
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				





NILES CENTER RD AT CAROL ST SOUTHWEST CORNER				NILES CENTER RD AT CAROL ST SOUTHEAST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	109+33.06	28.62' LT	(623.21)	A	109+50.73	30.43' RT	(622.88)
B	109+32.90	33.67' LT	(623.32)	B	109+50.65	25.32' RT	(622.72)
C	109+38.91	33.76' LT	622.99	C	109+55.78	25.49' RT	622.65
D	109+43.90	33.85' LT	622.72	D	109+59.35	25.53' RT	622.60
E	109+42.93	37.45' LT	622.96	E	109+57.75	19.90' RT	622.34
F	109+41.62	42.27' LT	623.28	F	109+56.99	17.24' RT	622.34
G	109+40.01	48.19' LT	(623.67)	G	109+56.52	15.60' RT	(622.35)
H	109+44.85	49.43' LT	(623.57)	H	109+63.10	17.04' RT	(622.28)
I	109+46.44	43.58' LT	623.22	I	109+62.56	18.53' RT	622.27
J	109+47.75	38.76' LT	622.93	J	109+64.56	25.58' RT	622.59
K	109+48.73	35.16' LT	622.72	K	109+72.61	25.67' RT	622.55
L	109+49.06	33.93' LT	622.65	L	109+73.84	24.66' RT	(622.56)
M	109+57.41	34.07' LT	622.54	M	109+77.51	30.72' RT	(622.52)
N	109+59.00	34.09' LT	(622.55)	N	109+75.77	30.70' RT	622.52
O	109+57.78	28.42' LT	(622.53)	O	109+72.56	30.67' RT	622.55
P	109+56.32	29.05' LT	622.52	P	109+65.99	30.60' RT	622.63
Q	109+50.41	28.95' LT	622.60	Q	109+67.06	34.34' RT	622.68
R	109+51.89	23.51' LT	622.42	R	109+68.50	39.25' RT	(622.74)
S	109+52.82	22.23' LT	(622.43)	S	109+63.62	40.52' RT	(622.76)
T	109+47.73	19.83' LT	(622.36)	T	109+62.25	35.71' RT	622.70
U	109+47.29	21.35' LT	622.35	U	109+60.78	30.54' RT	622.65
V	109+45.26	28.87' LT	622.65	V	109+55.73	30.49' RT	622.72
W	109+43.99	28.85' LT	622.71				
X	109+45.26	28.77' LT	622.94				

**LEGEND**

- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL & SOD
- EXISTING LENGTH
- EXISTING ELEVATION / SLOPE
- PROPOSED ADA RAMP

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	DATE - 02/28/2020	REVISED -

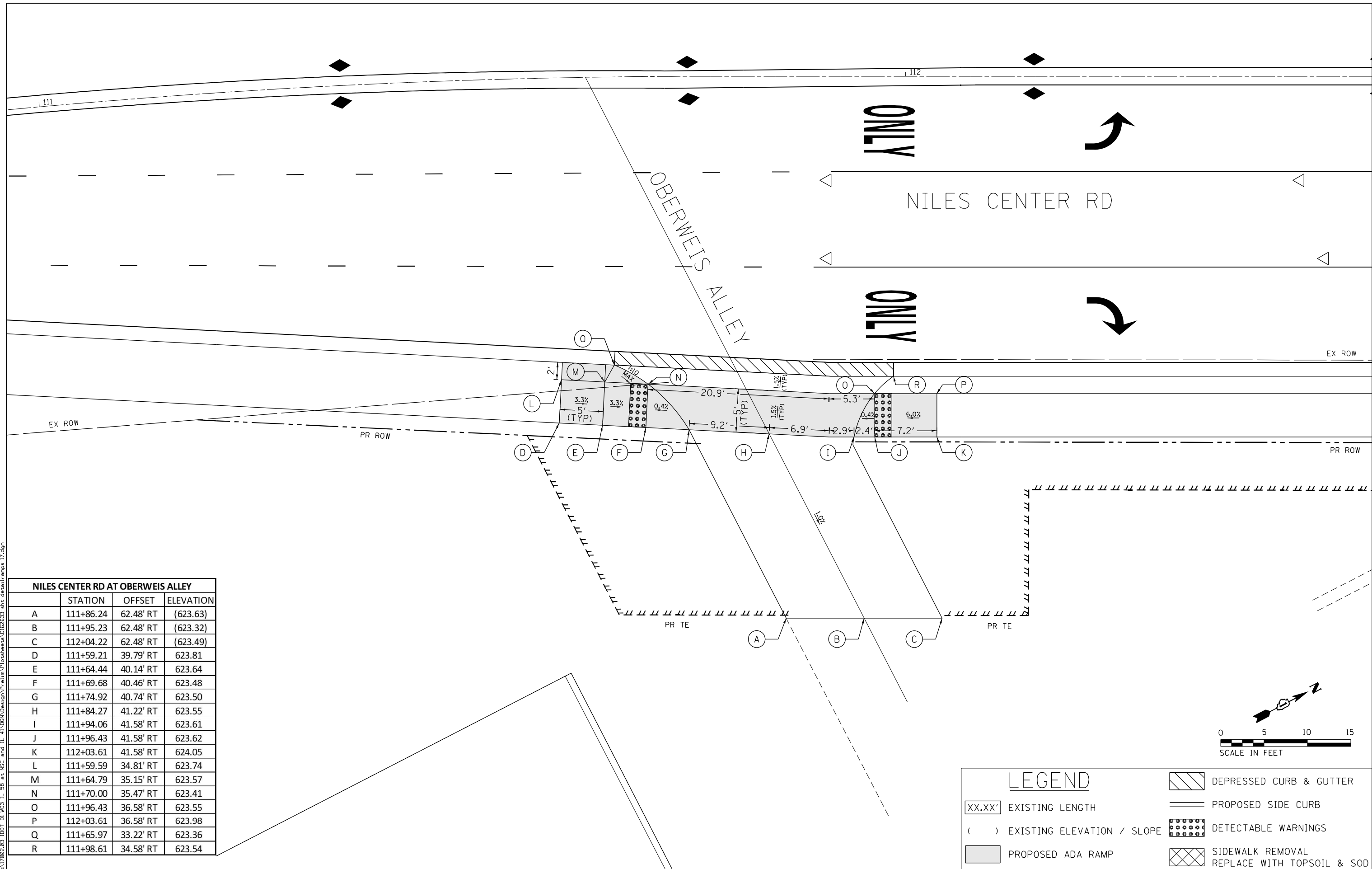
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT CAROL ST RAMP DETAIL**

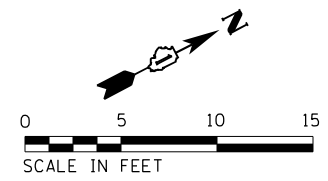
SCALE: 1" = 5'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	117
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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NILES CENTER RD AT OBERWEIS ALLEY			
	STATION	OFFSET	ELEVATION
A	111+86.24	62.48' RT	(623.63)
B	111+95.23	62.48' RT	(623.32)
C	112+04.22	62.48' RT	(623.49)
D	111+59.21	39.79' RT	623.81
E	111+64.44	40.14' RT	623.64
F	111+69.68	40.46' RT	623.48
G	111+74.92	40.74' RT	623.50
H	111+84.27	41.22' RT	623.55
I	111+94.06	41.58' RT	623.61
J	111+96.43	41.58' RT	623.62
K	112+03.61	41.58' RT	624.05
L	111+59.59	34.81' RT	623.74
M	111+64.79	35.15' RT	623.57
N	111+70.00	35.47' RT	623.41
O	111+96.43	36.58' RT	623.55
P	112+03.61	36.58' RT	623.98
Q	111+65.97	33.22' RT	623.36
R	111+98.61	34.58' RT	623.54



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Shaded Box]	PROPOSED ADA RAMP
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Grid Pattern]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

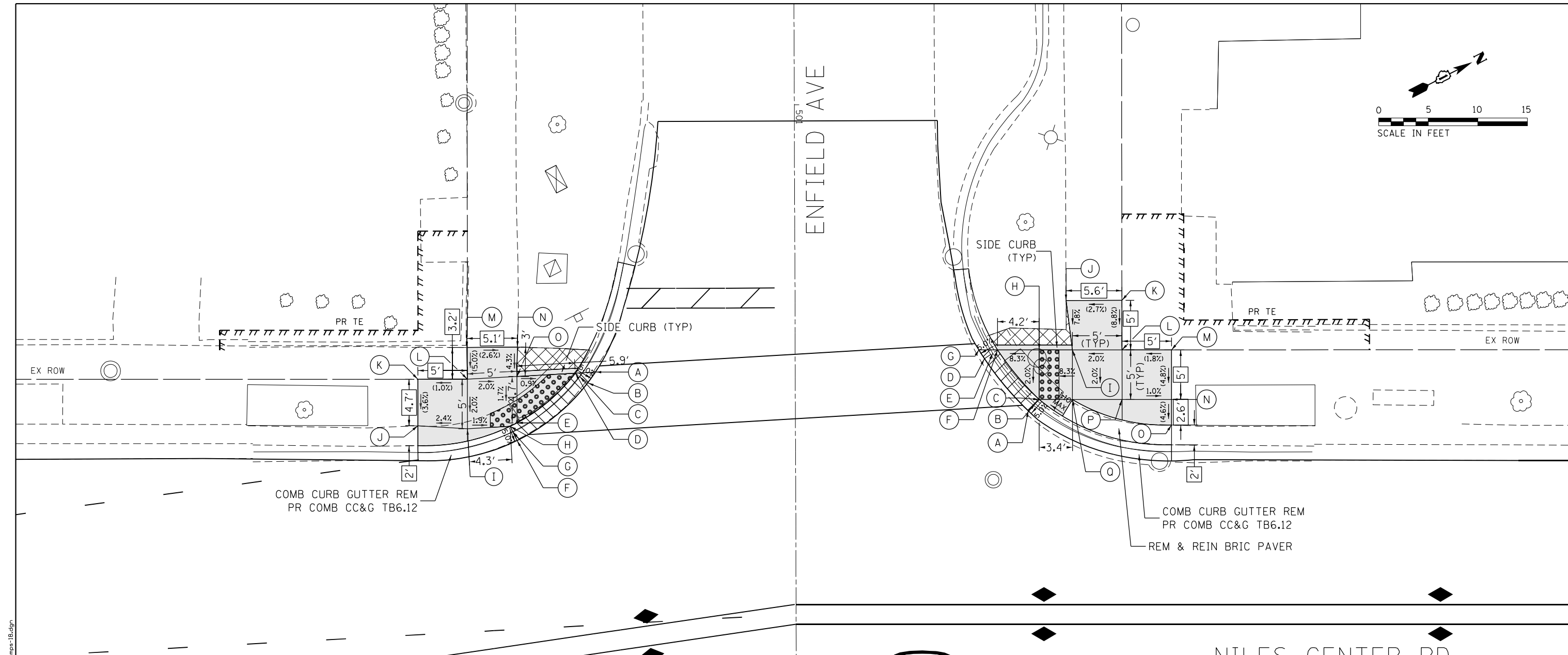
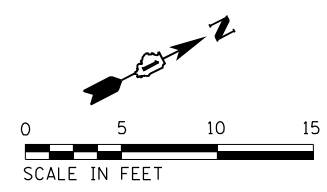
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	DATE - 02/28/2020	REVISIED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT OBERWEIS ALLEY DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	118
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



NILES CENTER RD AT ENFIELD AVE SOUTHWEST CORNER				NILES CENTER RD AT ENFIELD AVE NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	116+17.34	30.92' LT	626.10	A	116+61.01	27.01' LT	625.90
B	116+16.57	29.84' LT	626.09	B	116+61.70	27.73' LT	625.95
C	116+15.77	30.45' LT	626.14	C	116+62.10	28.15' LT	625.99
D	116+15.31	30.81' LT	626.18	D	116+56.59	32.27' LT	625.65
E	116+09.43	25.80' LT	626.15	E	116+57.42	32.83' LT	625.70
F	116+09.43	24.02' LT	626.06	F	116+57.90	33.15' LT	625.74
G	116+09.00	24.92' LT	626.11	G	116+56.02	33.15' LT	625.63
H	116+08.74	25.44' LT	626.15	H	116+62.10	33.15' LT	626.09
I	116+04.43	25.21' LT	626.23	I	116+65.46	33.16' LT	626.37
J	115+99.43	25.50' LT	(626.11)	J	116+64.81	38.15' LT	(626.76)
K	115+99.43	30.20' LT	(626.28)	K	116+70.45	38.16' LT	(626.91)
L	116+04.43	30.21' LT	(626.33)	L	116+70.46	33.16' LT	(626.47)
M	116+04.36	33.40' LT	(626.49)	M	116+75.46	33.16' LT	(626.56)
N	116+09.47	33.44' LT	(626.36)	N	116+75.46	28.16' LT	(626.32)
O	116+09.43	30.48' LT	626.23	O	116+75.46	25.59' LT	(626.20)
				P	116+70.46	28.16' LT	626.37
				Q	116+65.46	28.16' LT	626.27

**ONLY** → NILES CENTER RD

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Hatched Box]	DEPRESSED CURB & GUTTER
[Dashed Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Shaded Box]	PROPOSED ADA RAMP
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

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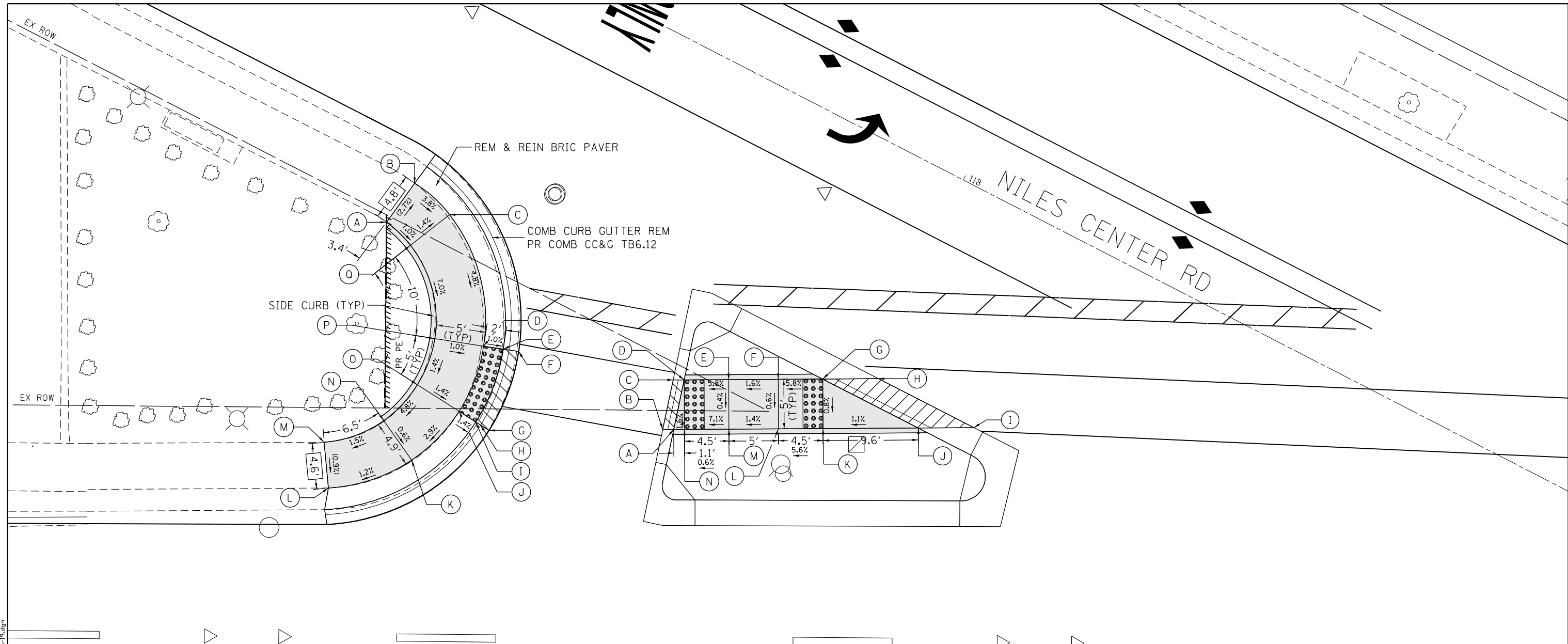
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	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

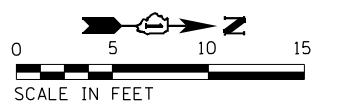
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
NILES CENTER RD AT ENFIELD AVE RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	119
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



NILES CENTER RD AT US 41 SOUTH CORNER				NILES CENTER RD AT US 41 SOUTH ISLAND			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	117+50.20	30.42' RT	(626.08)	A	117+85.54	35.75' RT	625.50
B	117+50.94	25.63' RT	(625.95)	B	117+84.55	36.26' RT	625.47
C	117+55.50	26.84' RT	625.77	C	117+83.20	31.33' RT	625.57
D	117+64.64	37.05' RT	625.09	D	117+84.18	30.82' RT	625.59
E	117+66.53	36.41' RT	625.07	E	117+88.16	28.74' RT	625.85
F	117+68.03	35.91' RT	(625.08)	F	117+92.60	26.42' RT	625.93
G	117+69.01	44.36' RT	624.88	G	117+96.58	24.35' RT	626.19
H	117+68.01	44.27' RT	624.93	H	118+01.54	21.75' RT	626.28
I	117+67.43	44.22' RT	624.97	I	118+12.38	21.74' RT	626.35
J	117+65.44	44.03' RT	625.00	J	118+07.42	24.33' RT	626.26
K	117+63.44	50.59' RT	624.80	K	117+98.89	28.78' RT	626.15
L	117+57.26	56.93' RT	(624.69)	L	117+94.91	30.86' RT	625.90
M	117+54.76	53.03' RT	(624.73)	M	117+90.48	33.17' RT	625.83
N	117+59.12	48.34' RT	624.83	N	117+86.50	35.25' RT	625.51
O	117+60.46	43.56' RT	625.07				
P	117+59.89	38.63' RT	625.14				
Q	117+53.42	31.38' RT	625.84				



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Grey Box]	PROPOSED ADA RAMP
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

Def: 117002.03 IDOT D1 W03 IL 58 at NSC and IL 41000A Design Prelim Plotsheets\0162633-btr-detail-ramps-1a.dgn  
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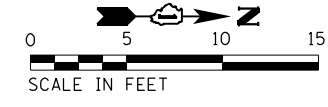
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	DATE - 02/28/2020	REVISD -

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

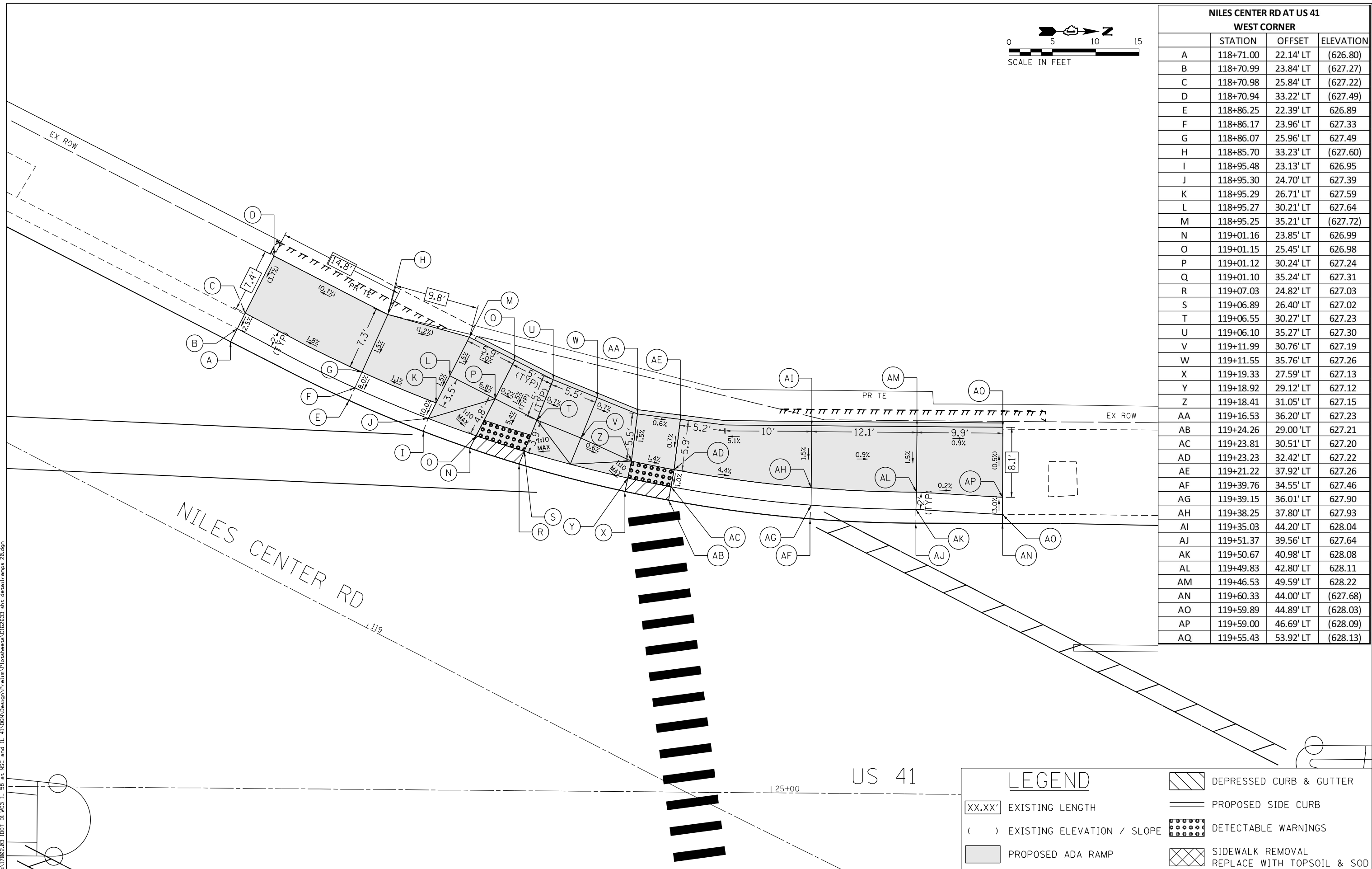
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT US 41 RAMP DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	120
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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



NILES CENTER RD AT US 41 WEST CORNER			
	STATION	OFFSET	ELEVATION
A	118+71.00	22.14' LT	(626.80)
B	118+70.99	23.84' LT	(627.27)
C	118+70.98	25.84' LT	(627.22)
D	118+70.94	33.22' LT	(627.49)
E	118+86.25	22.39' LT	626.89
F	118+86.17	23.96' LT	627.33
G	118+86.07	25.96' LT	627.49
H	118+85.70	33.23' LT	(627.60)
I	118+95.48	23.13' LT	626.95
J	118+95.30	24.70' LT	627.39
K	118+95.29	26.71' LT	627.59
L	118+95.27	30.21' LT	627.64
M	118+95.25	35.21' LT	(627.72)
N	119+01.16	23.85' LT	626.99
O	119+01.15	25.45' LT	626.98
P	119+01.12	30.24' LT	627.24
Q	119+01.10	35.24' LT	627.31
R	119+07.03	24.82' LT	627.03
S	119+06.89	26.40' LT	627.02
T	119+06.55	30.27' LT	627.23
U	119+06.10	35.27' LT	627.30
V	119+11.99	30.76' LT	627.19
W	119+11.55	35.76' LT	627.26
X	119+19.33	27.59' LT	627.13
Y	119+18.92	29.12' LT	627.12
Z	119+18.41	31.05' LT	627.15
AA	119+16.53	36.20' LT	627.23
AB	119+24.26	29.00' LT	627.21
AC	119+23.81	30.51' LT	627.20
AD	119+23.23	32.42' LT	627.22
AE	119+21.22	37.92' LT	627.26
AF	119+39.76	34.55' LT	627.46
AG	119+39.15	36.01' LT	627.90
AH	119+38.25	37.80' LT	627.93
AI	119+35.03	44.20' LT	628.04
AJ	119+51.37	39.56' LT	627.64
AK	119+50.67	40.98' LT	628.08
AL	119+49.83	42.80' LT	628.11
AM	119+46.53	49.59' LT	628.22
AN	119+60.33	44.00' LT	(627.68)
AO	119+59.89	44.89' LT	(628.03)
AP	119+59.00	46.69' LT	(628.09)
AQ	119+55.43	53.92' LT	(628.13)



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
▒	PROPOSED ADA RAMP
▨	DEPRESSED CURB & GUTTER
—	PROPOSED SIDE CURB
⬢	DETECTABLE WARNINGS
⊠	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

Def: 11  
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DRAWN - RG	CHECKED - JH	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 02/28/2020	REVISED -
PLOT DATE = 1/28/2021		

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT US 41 RAMP DETAIL**

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

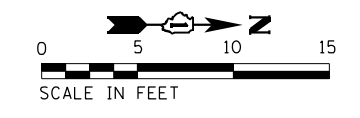
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 121
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

US 41

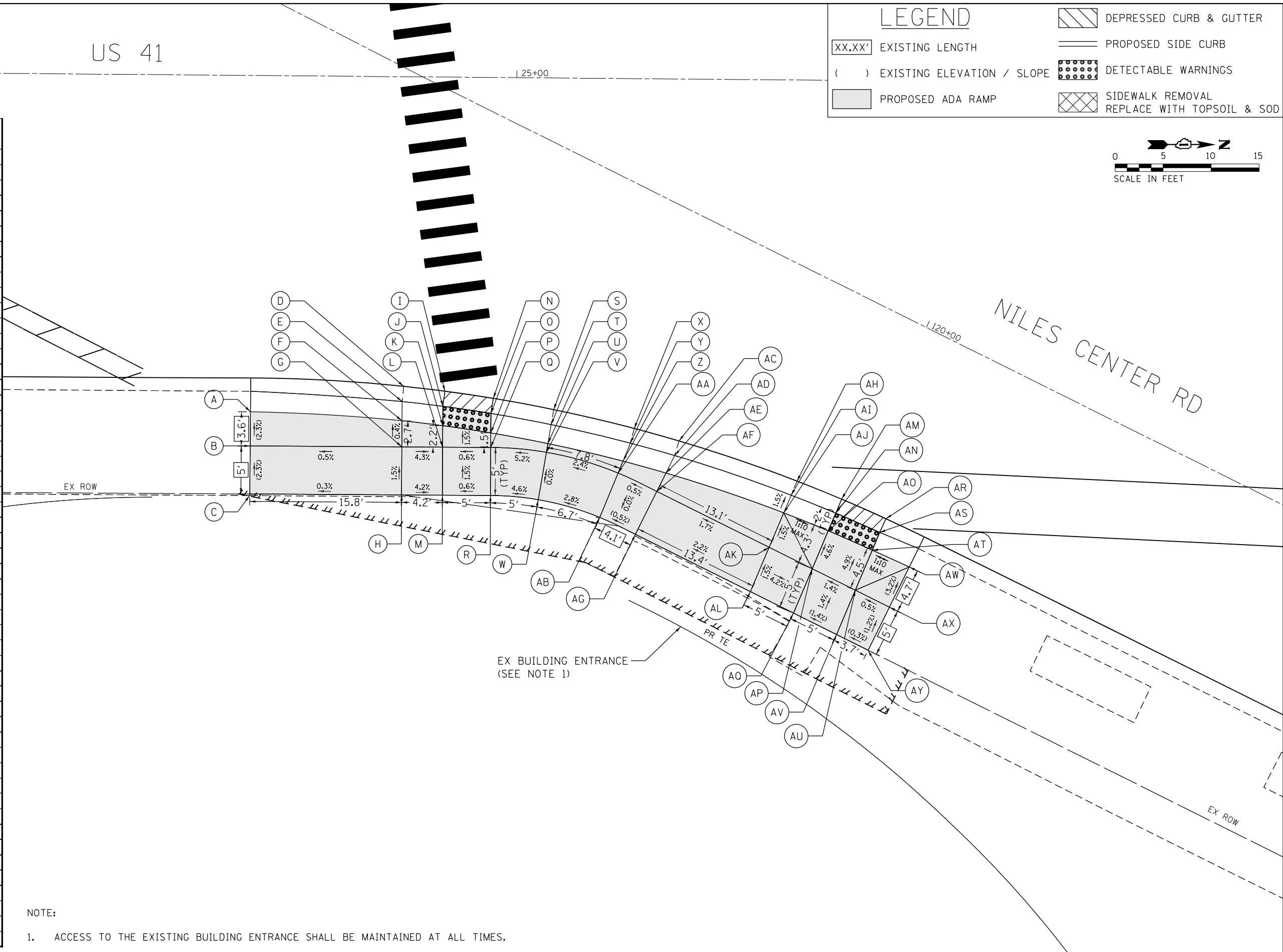
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**LEGEND**

- XX.XX' EXISTING LENGTH
- ( ) EXISTING ELEVATION / SLOPE
- PROPOSED ADA RAMP
- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE WITH TOPSOIL & SOD



NILES CENTER RD AT US 41 EAST CORNER			
	STATION	OFFSET	ELEVATION
A	119+41.46	39.21' RT	(627.04)
B	119+42.49	42.40' RT	(627.12)
C	119+44.68	46.90' RT	(627.24)
D	119+54.03	29.73' RT	626.95
E	119+54.59	31.21' RT	627.20
F	119+55.47	33.01' RT	627.20
G	119+56.67	35.45' RT	627.21
H	119+58.87	39.94' RT	(627.28)
I	119+58.10	28.27' RT	626.98
J	119+58.61	29.77' RT	626.97
K	119+59.50	31.58' RT	627.00
L	119+60.48	33.58' RT	627.03
M	119+62.68	38.07' RT	627.10
N	119+62.95	26.69' RT	627.02
O	119+63.41	28.21' RT	627.01
P	119+64.30	30.02' RT	627.04
Q	119+64.97	31.38' RT	627.06
R	119+67.17	35.87' RT	627.13
S	119+69.09	24.94' RT	627.07
T	119+69.55	26.45' RT	627.51
U	119+70.12	28.37' RT	627.36
V	119+70.39	29.26' RT	627.36
W	119+71.82	34.05' RT	627.36
X	119+77.46	22.96' RT	627.13
Y	119+77.79	24.51' RT	627.55
Z	119+77.93	26.52' RT	627.55
AA	119+78.02	27.86' RT	627.55
AB	119+78.38	32.85' RT	(627.55)
AC	119+82.22	22.05' RT	627.17
AD	119+82.49	23.61' RT	627.57
AE	119+82.49	25.64' RT	627.57
AF	119+82.49	27.77' RT	627.57
AG	119+82.49	32.77' RT	(627.57)
AH	119+95.08	20.31' RT	627.26
AI	119+95.18	21.90' RT	627.70
AJ	119+95.30	23.89' RT	627.73
AK	119+95.55	27.78' RT	627.79
AL	119+95.86	32.78' RT	627.86
AM	120+00.07	19.93' RT	627.30
AN	120+00.17	21.50' RT	627.29
AO	120+00.29	23.50' RT	627.38
AP	120+00.56	27.78' RT	627.58
AQ	120+00.87	32.78' RT	(627.65)
AR	120+05.11	19.69' RT	627.34
AS	120+05.16	21.27' RT	627.33
AT	120+05.29	23.27' RT	627.43
AU	120+05.57	27.78' RT	627.65
AV	120+05.88	32.78' RT	(627.72)
AW	120+09.52	23.11' RT	(627.52)
AX	120+09.53	27.78' RT	(627.67)
AY	120+09.55	32.78' RT	(627.73)



NOTE:  
1. ACCESS TO THE EXISTING BUILDING ENTRANCE SHALL BE MAINTAINED AT ALL TIMES.

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	DATE - 02/28/2020	REVISED -

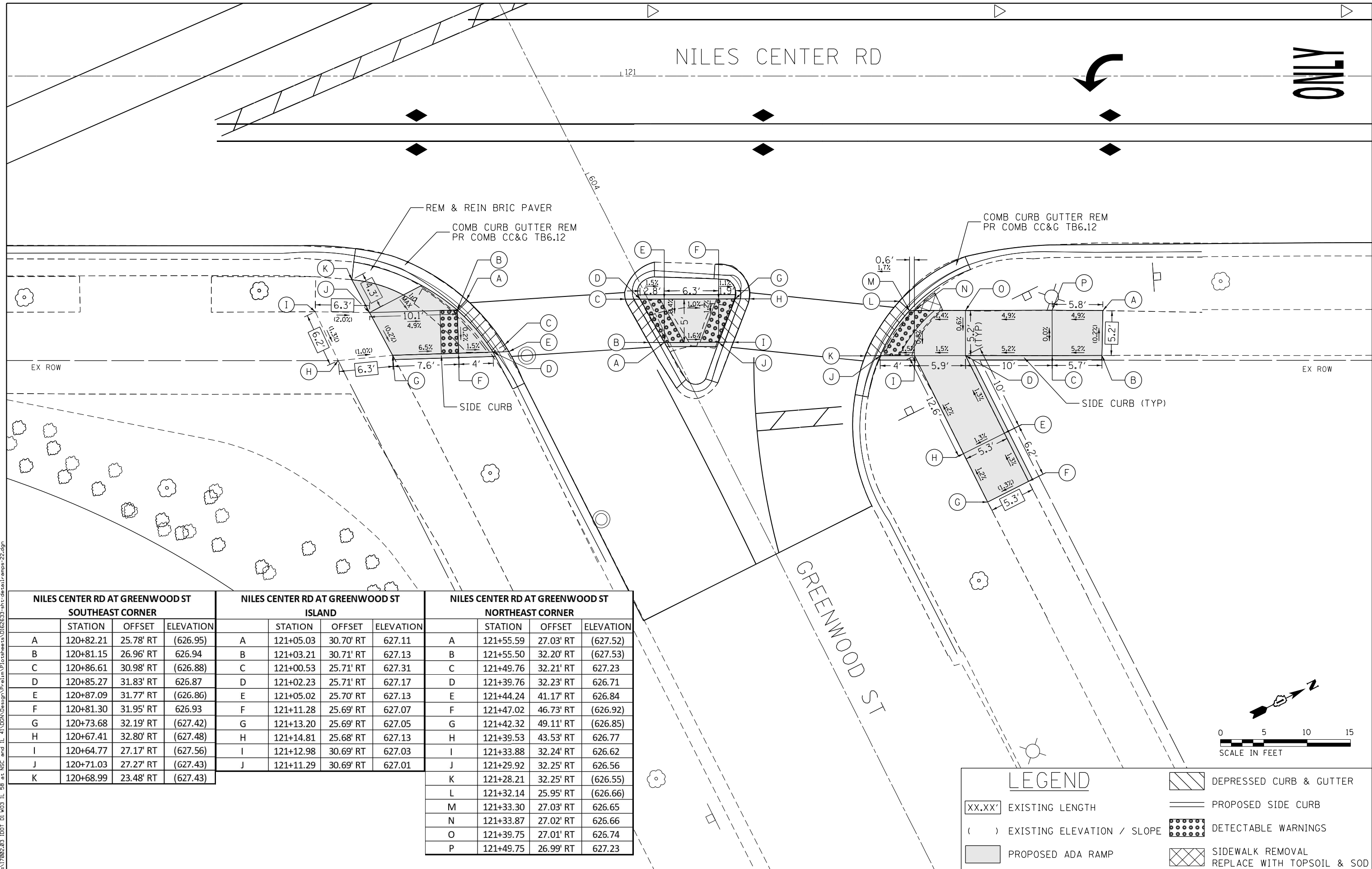
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT US 41 RAMP DETAIL**  
 SCALE: 1" = 5'    SHEET    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	122
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

NILES CENTER RD

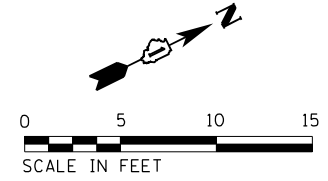
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NILES CENTER RD AT GREENWOOD ST SOUTHEAST CORNER				NILES CENTER RD AT GREENWOOD ST ISLAND				NILES CENTER RD AT GREENWOOD ST NORTHEAST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	120+82.21	25.78' RT	(626.95)	A	121+05.03	30.70' RT	627.11	A	121+55.59	27.03' RT	(627.52)
B	120+81.15	26.96' RT	626.94	B	121+03.21	30.71' RT	627.13	B	121+55.50	32.20' RT	(627.53)
C	120+86.61	30.98' RT	(626.88)	C	121+00.53	25.71' RT	627.31	C	121+49.76	32.21' RT	627.23
D	120+85.27	31.83' RT	626.87	D	121+02.23	25.71' RT	627.17	D	121+39.76	32.23' RT	626.71
E	120+87.09	31.77' RT	(626.86)	E	121+05.02	25.70' RT	627.13	E	121+44.24	41.17' RT	626.84
F	120+81.30	31.95' RT	626.93	F	121+11.28	25.69' RT	627.07	F	121+47.02	46.73' RT	(626.92)
G	120+73.68	32.19' RT	(627.42)	G	121+13.20	25.69' RT	627.05	G	121+42.32	49.11' RT	(626.85)
H	120+67.41	32.80' RT	(627.48)	H	121+14.81	25.68' RT	627.13	H	121+39.53	43.53' RT	626.77
I	120+64.77	27.17' RT	(627.56)	I	121+12.98	30.69' RT	627.03	I	121+33.88	32.24' RT	626.62
J	120+71.03	27.27' RT	(627.43)	J	121+11.29	30.69' RT	627.01	J	121+29.92	32.25' RT	626.56
K	120+68.99	23.48' RT	(627.43)					K	121+28.21	32.25' RT	(626.55)
								L	121+32.14	25.95' RT	(626.66)
								M	121+33.30	27.03' RT	626.65
								N	121+33.87	27.02' RT	626.66
								O	121+39.75	27.01' RT	626.74
								P	121+49.75	26.99' RT	627.23

**LEGEND**

- XX.XX' EXISTING LENGTH
- ( ) EXISTING ELEVATION / SLOPE
- PROPOSED ADA RAMP
- DEPRESSED CURB & GUTTER
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

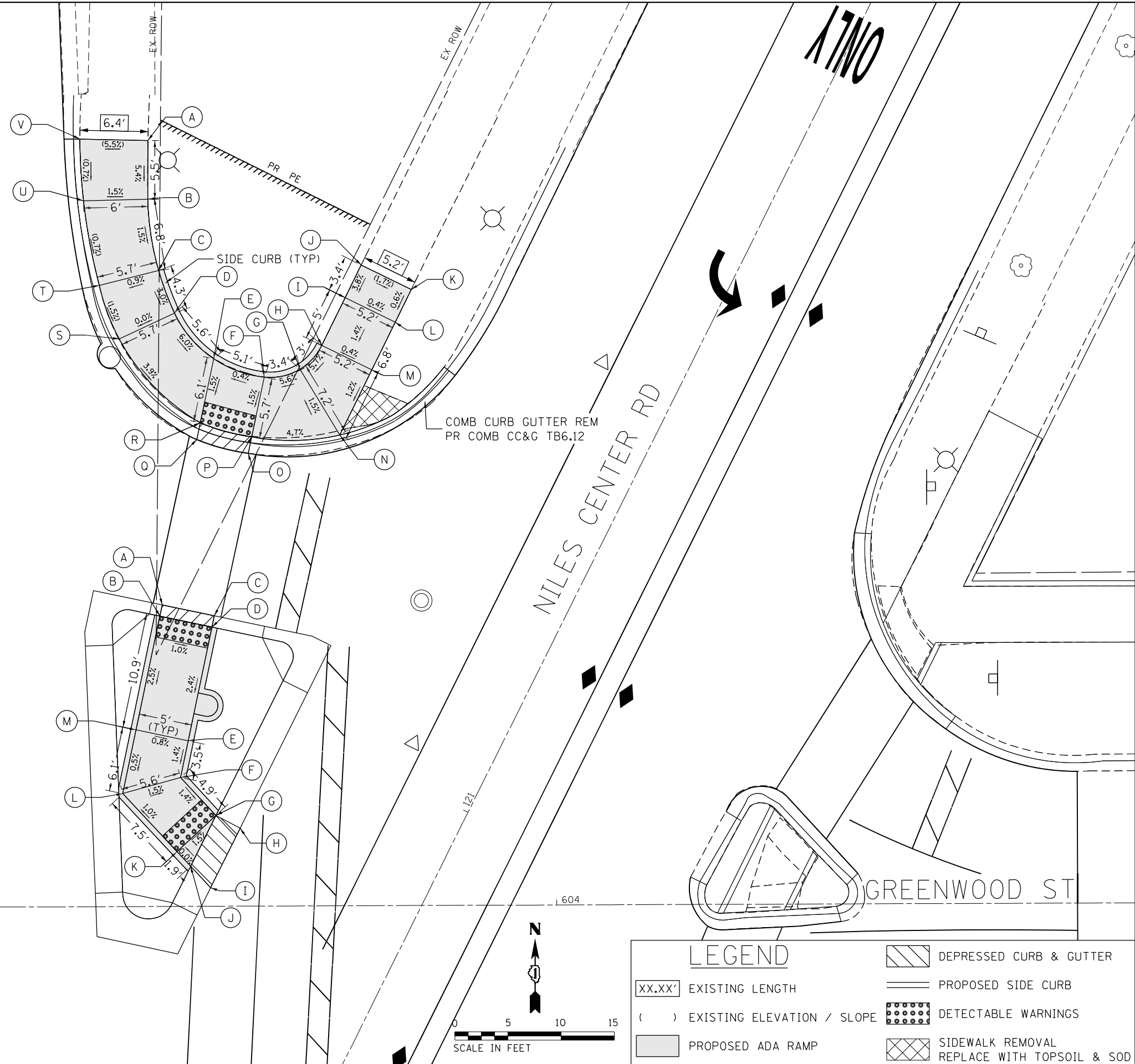
IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
NILES CENTER RD AT GREENWOOD ST RAMP DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	123
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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

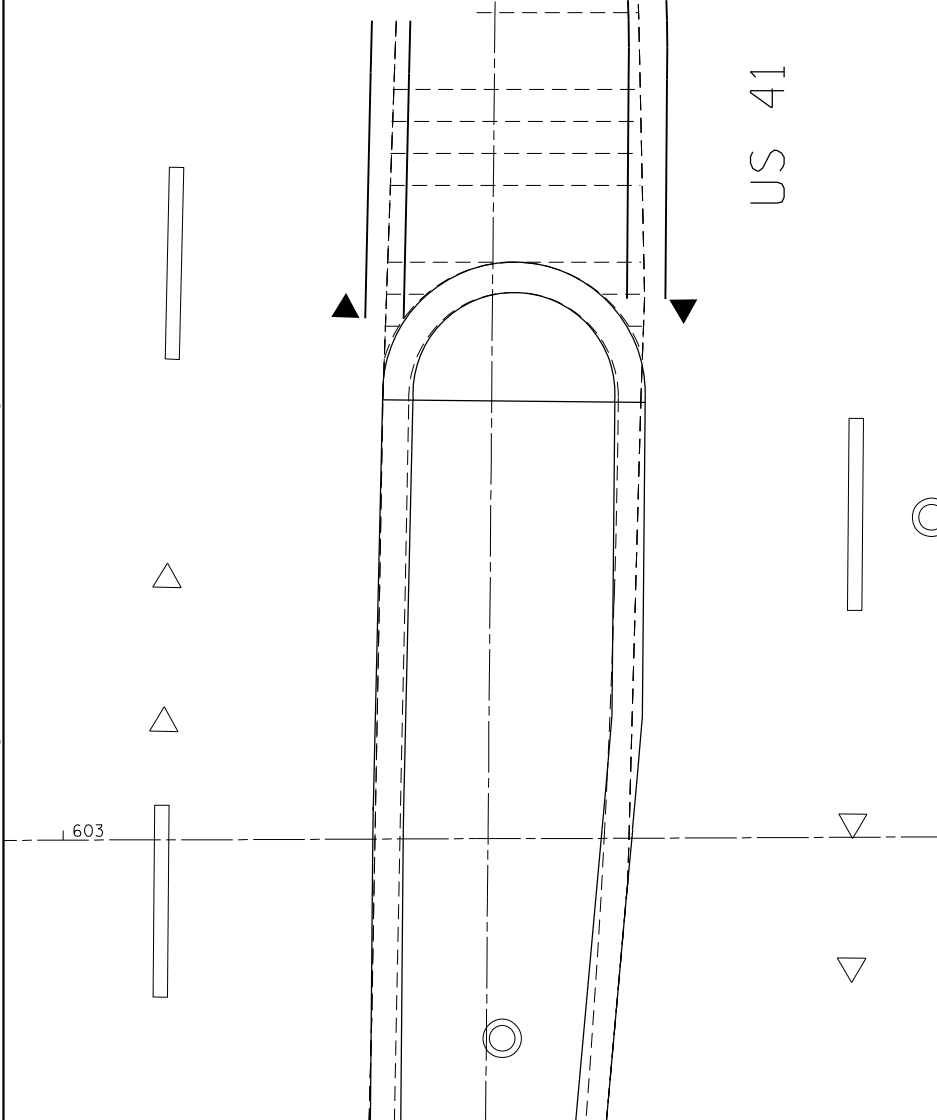
NILES CENTER RD AT US 41 SOUTH CORNER			NILES CENTER RD AT US 41 ISLAND				
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	121+43.14	55.07' LT	(629.07)	A	121+04.65	34.42' LT	628.32
B	121+38.18	52.63' LT	628.77	B	121+03.60	34.14' LT	628.31
C	121+32.64	48.73' LT	628.67	C	121+05.91	29.58' LT	628.27
D	121+29.72	45.60' LT	628.54	D	121+04.86	29.31' LT	628.26
E	121+27.52	40.40' LT	628.20	E	120+94.30	26.54' LT	628.00
F	121+28.09	35.38' LT	628.22	F	120+90.89	25.65' LT	627.95
G	121+30.26	32.71' LT	628.41	G	120+89.18	21.08' LT	627.88
H	121+33.17	31.87' LT	628.58	H	120+88.21	18.50' LT	628.09
I	121+38.17	31.89' LT	628.65	I	120+82.87	18.50' LT	628.16
J	121+41.59	31.91' LT	(628.78)	J	120+83.84	21.08' LT	628.10
K	121+41.62	26.68' LT	(628.69)	K	120+84.50	22.84' LT	628.10
L	121+38.20	26.66' LT	628.67	L	120+87.12	29.83' LT	628.03
M	121+33.20	26.63' LT	628.60	M	120+93.04	31.38' LT	628.04
N	121+26.38	26.60' LT	628.52				
O	121+21.01	33.53' LT	(628.14)				
P	121+22.55	33.93' LT	628.13				
Q	121+20.01	38.44' LT	(628.12)				
R	121+21.57	38.85' LT	628.11				
S	121+25.23	49.17' LT	(628.54)				
T	121+28.91	53.10' LT	(628.62)				
U	121+35.36	57.97' LT	(628.68)				
V	121+40.41	60.86' LT	(628.72)				

NILES CENTER RD AT US 41 SOUTH CORNER			NILES CENTER RD AT US 41 ISLAND				
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	121+43.14	55.07' LT	(629.07)	A	121+04.65	34.42' LT	628.32
B	121+38.18	52.63' LT	628.77	B	121+03.60	34.14' LT	628.31
C	121+32.64	48.73' LT	628.67	C	121+05.91	29.58' LT	628.27
D	121+29.72	45.60' LT	628.54	D	121+04.86	29.31' LT	628.26
E	121+27.52	40.40' LT	628.20	E	120+94.30	26.54' LT	628.00
F	121+28.09	35.38' LT	628.22	F	120+90.89	25.65' LT	627.95
G	121+30.26	32.71' LT	628.41	G	120+89.18	21.08' LT	627.88
H	121+33.17	31.87' LT	628.58	H	120+88.21	18.50' LT	628.09
I	121+38.17	31.89' LT	628.65	I	120+82.87	18.50' LT	628.16
J	121+41.59	31.91' LT	(628.78)	J	120+83.84	21.08' LT	628.10
K	121+41.62	26.68' LT	(628.69)	K	120+84.50	22.84' LT	628.10
L	121+38.20	26.66' LT	628.67	L	120+87.12	29.83' LT	628.03
M	121+33.20	26.63' LT	628.60	M	120+93.04	31.38' LT	628.04
N	121+26.38	26.60' LT	628.52				
O	121+21.01	33.53' LT	(628.14)				
P	121+22.55	33.93' LT	628.13				
Q	121+20.01	38.44' LT	(628.12)				
R	121+21.57	38.85' LT	628.11				
S	121+25.23	49.17' LT	(628.54)				
T	121+28.91	53.10' LT	(628.62)				
U	121+35.36	57.97' LT	(628.68)				
V	121+40.41	60.86' LT	(628.72)				



**LEGEND**

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER
( )	EXISTING ELEVATION / SLOPE		PROPOSED SIDE CURB
	PROPOSED ADA RAMP		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD		



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	DATE - 02/28/2020	REVISED -

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

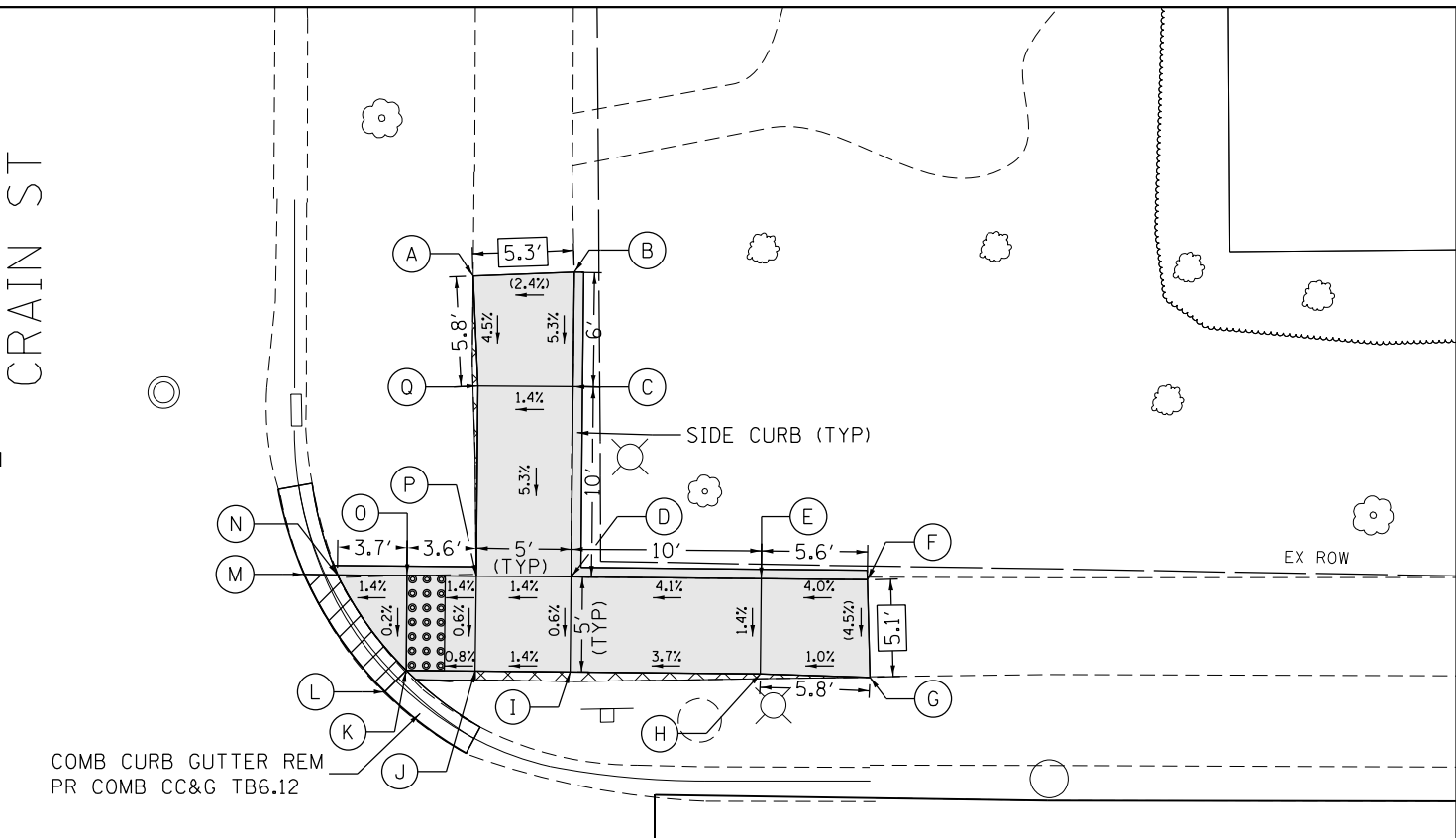
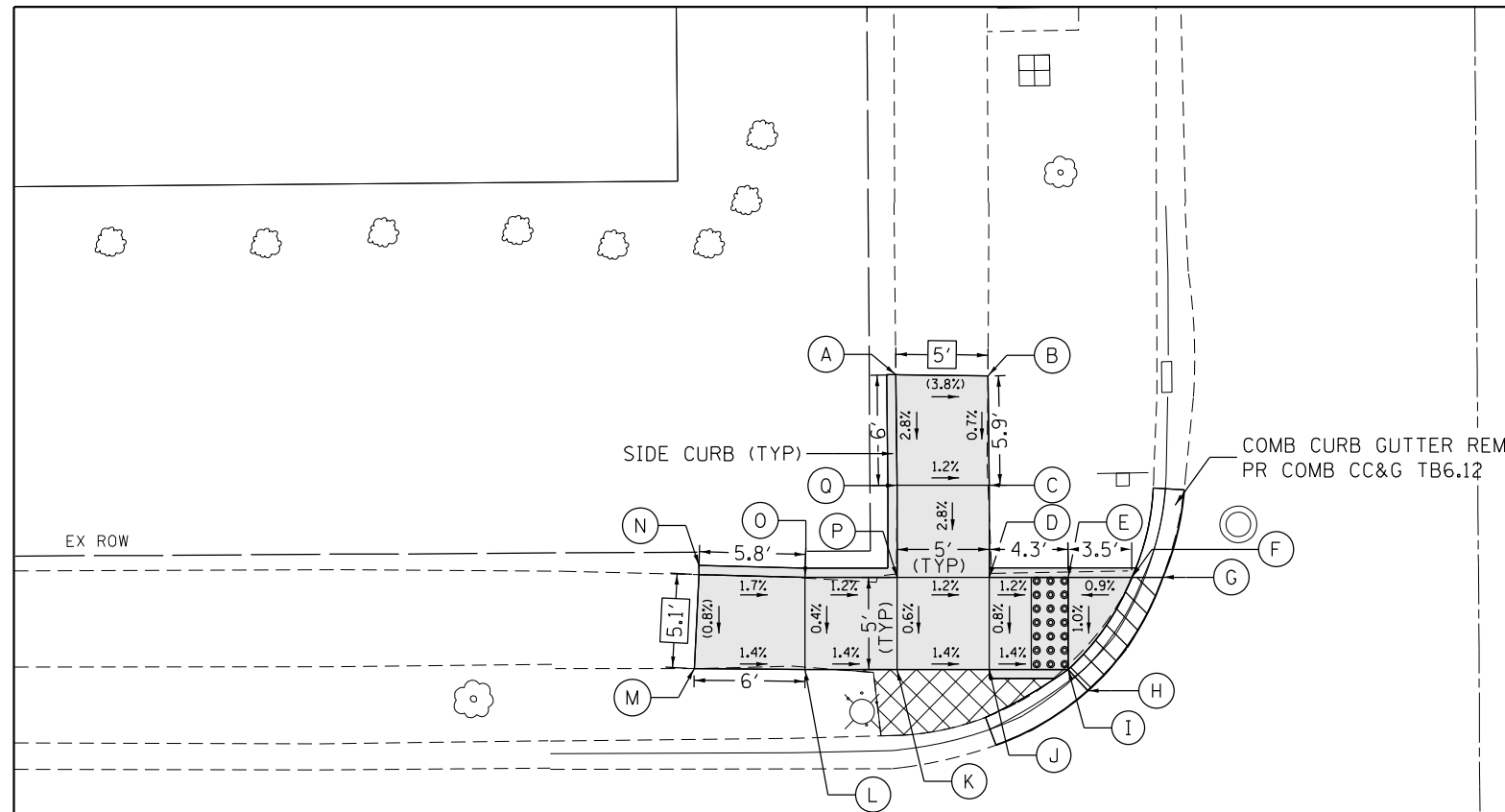
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**NILES CENTER RD AT US 41 RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	124
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



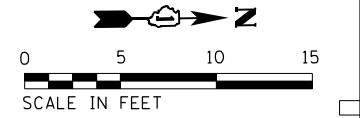
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US 41 AT CRAIN ST SOUTHWEST CORNER				US 41 AT CRAIN ST NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	12+68.38	50.52' LT	(611.41)	A	13+26.28	56.35' LT	(612.08)
B	12+73.38	50.47' LT	(611.22)	B	13+31.60	56.53' LT	(612.21)
C	12+73.45	44.53' LT	611.18	C	13+31.54	50.52' LT	611.89
D	12+73.45	39.53' LT	611.04	D	13+31.45	40.52' LT	611.36
E	12+77.74	39.53' LT	610.99	E	13+41.44	40.23' LT	611.77
F	12+81.19	39.53' LT	611.02	F	13+47.03	40.38' LT	(611.99)
G	12+82.88	39.54' LT	(611.05)	G	13+47.15	35.24' LT	(611.76)
H	12+78.80	33.37' LT	(610.95)	H	13+41.40	35.43' LT	611.70
I	12+77.74	34.53' LT	610.94	I	13+31.40	35.52' LT	611.33
J	12+73.46	34.53' LT	611.00	J	13+26.40	35.57' LT	611.26
K	12+68.46	34.52' LT	611.07	K	13+22.77	35.60' LT	611.23
L	12+63.46	34.52' LT	611.14	L	13+21.65	34.48' LT	(611.24)
M	12+57.44	34.58' LT	(611.22)	M	13+17.41	40.65' LT	(611.21)
N	12+57.71	40.18' LT	(611.26)	N	13+19.16	40.64' LT	611.19
O	12+63.45	39.52' LT	611.16	O	13+22.81	40.60' LT	611.24
P	12+68.45	39.52' LT	611.10	P	13+26.45	40.57' LT	611.29
Q	12+68.45	44.52' LT	611.24	Q	13+26.54	50.57' LT	611.82

80+13

US 41



LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
[Hatched Box]	DEPRESSED CURB & GUTTER
[Solid Line]	PROPOSED SIDE CURB
[Dotted Box]	DETECTABLE WARNINGS
[Shaded Box]	PROPOSED ADA RAMP
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

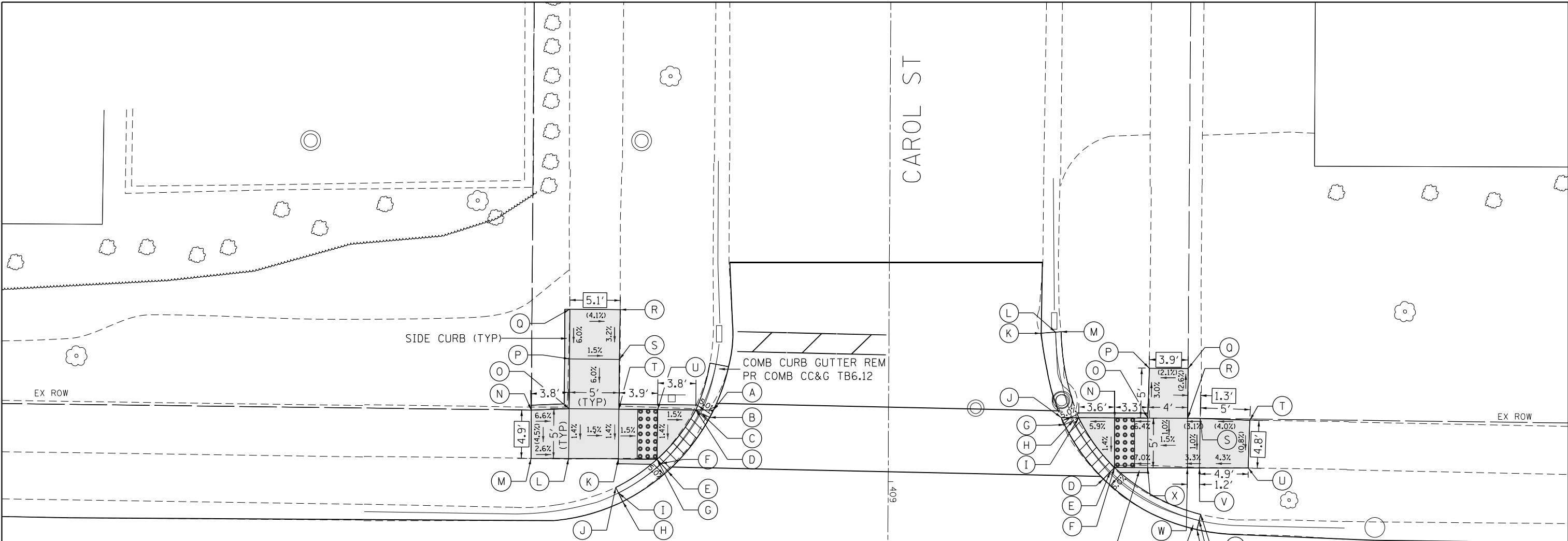
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PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**US 41 AT CRAIN ST RAMP DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	125
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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



US 41 AT CAROL ST SOUTHWEST CORNER				US 41 AT CAROL ST NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	16+12.53	40.10' LT	(615.01)	A	16+61.31	28.73' LT	(615.54)
B	16+12.17	39.36' LT	(614.99)	B	16+61.52	29.64' LT	(615.48)
C	16+11.28	39.82' LT	614.94	C	16+61.66	30.26' LT	(615.89)
D	16+10.76	40.09' LT	614.98	D	16+51.84	33.71' LT	615.54
E	16+08.01	33.92' LT	614.88	E	16+52.53	34.43' LT	615.59
F	16+07.33	34.65' LT	614.93	F	16+52.93	34.85' LT	615.63
G	16+06.94	35.08' LT	614.97	G	16+47.85	39.10' LT	615.40
H	16+03.53	30.79' LT	(614.77)	H	16+48.74	39.55' LT	615.45
I	16+03.10	31.65' LT	(614.74)	I	16+49.26	39.82' LT	615.49
J	16+02.82	32.20' LT	(615.13)	J	16+47.51	39.82' LT	615.38
K	16+03.04	35.07' LT	615.03	K	16+45.35	48.26' LT	(615.11)
L	15+98.04	35.05' LT	615.10	L	16+46.83	48.39' LT	(615.07)
M	15+94.25	35.00' LT	(615.20)	M	16+47.38	48.44' LT	(615.45)
N	15+94.23	39.86' LT	(615.42)	N	16+52.89	39.85' LT	615.70
O	15+98.03	40.05' LT	615.17	O	16+56.23	39.88' LT	615.91
P	15+98.01	45.05' LT	615.47	P	16+56.29	44.89' LT	(615.76)
Q	15+97.95	50.05' LT	(615.77)	Q	16+60.20	44.91' LT	(615.84)
R	16+03.03	50.07' LT	(615.56)	R	16+60.23	39.91' LT	(615.97)
S	16+03.01	45.07' LT	615.40	S	16+61.48	39.91' LT	(616.01)
T	16+03.03	40.07' LT	615.10	T	16+66.49	39.80' LT	(616.21)
U	16+06.92	40.08' LT	615.04	U	16+66.38	34.99' LT	(616.17)
				V	16+61.47	34.92' LT	615.96
				W	16+60.26	34.91' LT	615.92
				X	16+56.26	34.88' LT	615.86

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# ONLY

## US 41

**LEGEND**

XX.XX'	EXISTING LENGTH		PROPOSED SIDE CURB
( )	EXISTING ELEVATION / SLOPE		DETECTABLE WARNINGS
	PROPOSED ADA RAMP		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	DEPRESSED CURB & GUTTER		

SCALE IN FEET

USER NAME = RG011	DESIGNED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 1/28/2021	CHECKED - JH	REVISED -
	DATE - 02/28/2020	REVISED -

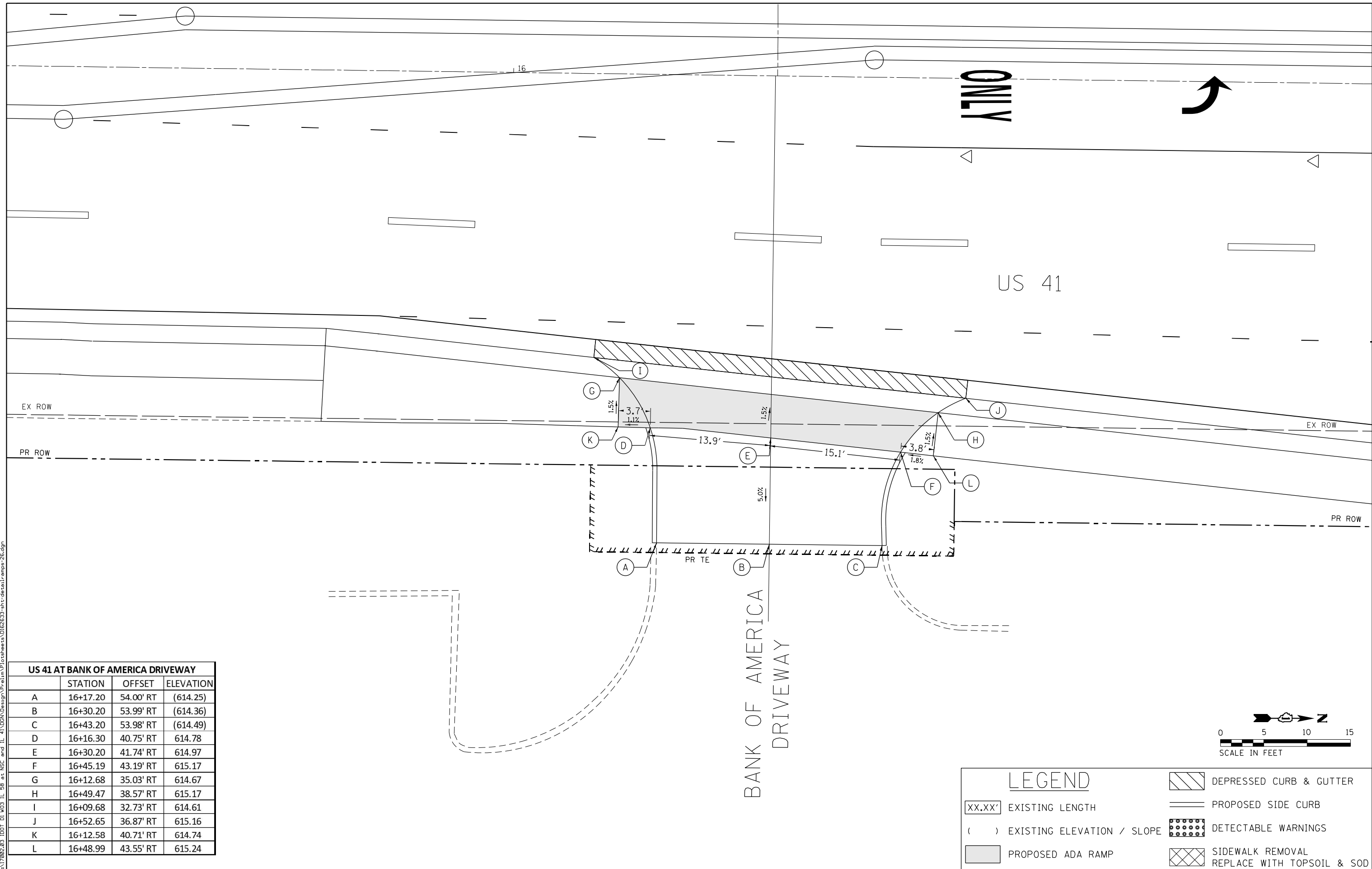
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**US 41 AT CAROL ST RAMP DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	126
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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US 41 AT BANK OF AMERICA DRIVEWAY			
	STATION	OFFSET	ELEVATION
A	16+17.20	54.00' RT	(614.25)
B	16+30.20	53.99' RT	(614.36)
C	16+43.20	53.98' RT	(614.49)
D	16+16.30	40.75' RT	614.78
E	16+30.20	41.74' RT	614.97
F	16+45.19	43.19' RT	615.17
G	16+12.68	35.03' RT	614.67
H	16+49.47	38.57' RT	615.17
I	16+09.68	32.73' RT	614.61
J	16+52.65	36.87' RT	615.16
K	16+12.58	40.71' RT	614.74
L	16+48.99	43.55' RT	615.24

**LEGEND**

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER
( )	EXISTING ELEVATION / SLOPE		PROPOSED SIDE CURB
	PROPOSED ADA RAMP		DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD		

USER NAME = RG011	DESIGNED - RG	REVISED -
DRAWN - RG	CHECKED - JH	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 02/28/2020	REVISED -
PLOT DATE = 1/28/2021		

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**US 41 AT BANK OF AMERICA DRIVEWAY RAMP DETAIL**

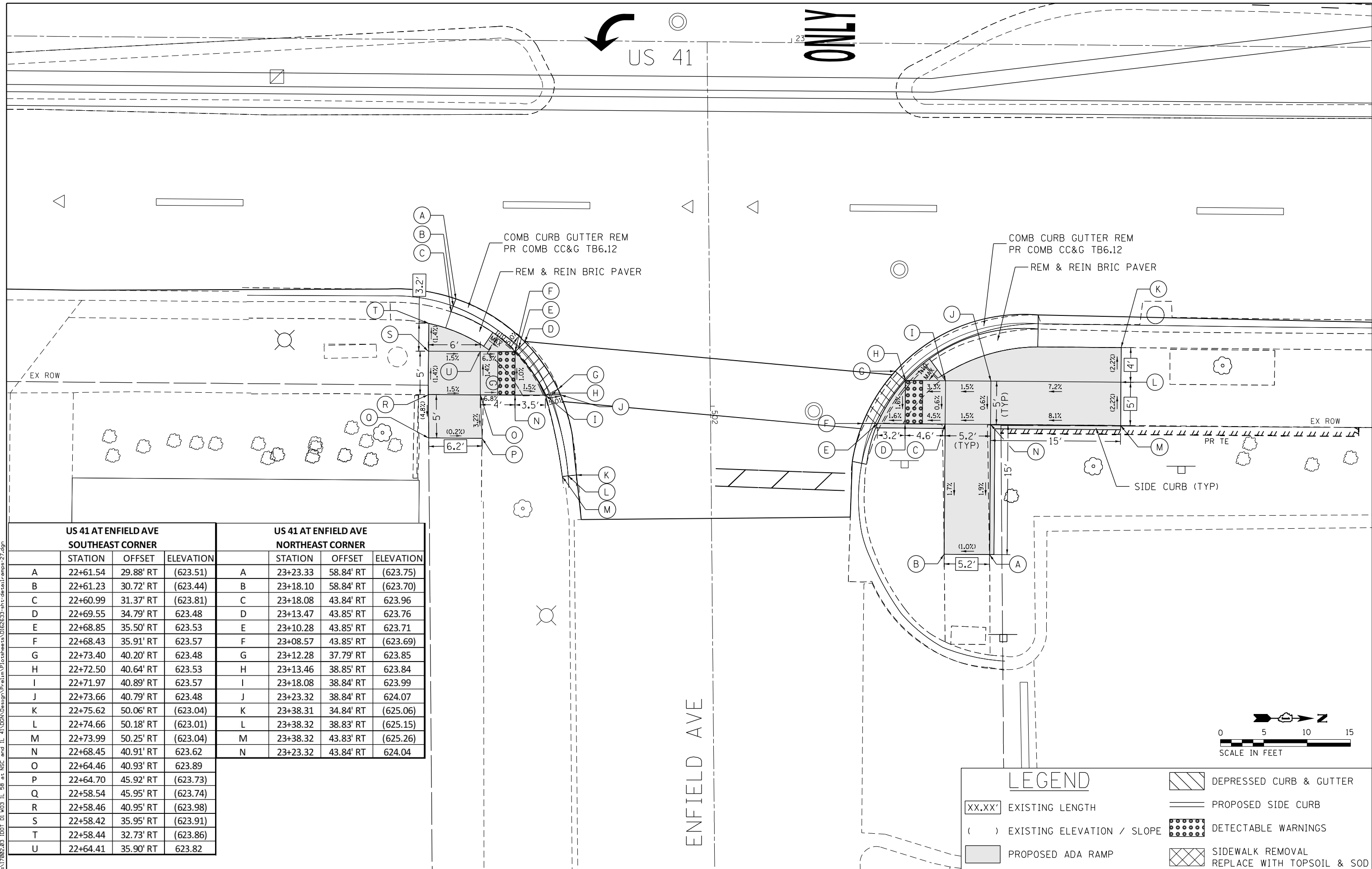
SCALE: 1" = 5'    SHEET OF SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	127
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

US 41

ONLY

ENFIELD AVE



US 41 AT ENFIELD AVE SOUTHEAST CORNER				US 41 AT ENFIELD AVE NORTHEAST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	22+61.54	29.88' RT	(623.51)	A	23+23.33	58.84' RT	(623.75)
B	22+61.23	30.72' RT	(623.44)	B	23+18.10	58.84' RT	(623.70)
C	22+60.99	31.37' RT	(623.81)	C	23+18.08	43.84' RT	623.96
D	22+69.55	34.79' RT	623.48	D	23+13.47	43.85' RT	623.76
E	22+68.85	35.50' RT	623.53	E	23+10.28	43.85' RT	623.71
F	22+68.43	35.91' RT	623.57	F	23+08.57	43.85' RT	(623.69)
G	22+73.40	40.20' RT	623.48	G	23+12.28	37.79' RT	623.85
H	22+72.50	40.64' RT	623.53	H	23+13.46	38.85' RT	623.84
I	22+71.97	40.89' RT	623.57	I	23+18.08	38.84' RT	623.99
J	22+73.66	40.79' RT	623.48	J	23+23.32	38.84' RT	624.07
K	22+75.62	50.06' RT	(623.04)	K	23+38.31	34.84' RT	(625.06)
L	22+74.66	50.18' RT	(623.01)	L	23+38.32	38.83' RT	(625.15)
M	22+73.99	50.25' RT	(623.04)	M	23+38.32	43.83' RT	(625.26)
N	22+68.45	40.91' RT	623.62	N	23+23.32	43.84' RT	624.04
O	22+64.46	40.93' RT	623.89				
P	22+64.70	45.92' RT	(623.73)				
Q	22+58.54	45.95' RT	(623.74)				
R	22+58.46	40.95' RT	(623.98)				
S	22+58.42	35.95' RT	(623.91)				
T	22+58.44	32.73' RT	(623.86)				
U	22+64.41	35.90' RT	623.82				

LEGEND	
	DEPRESSED CURB & GUTTER
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
	PROPOSED ADA RAMP

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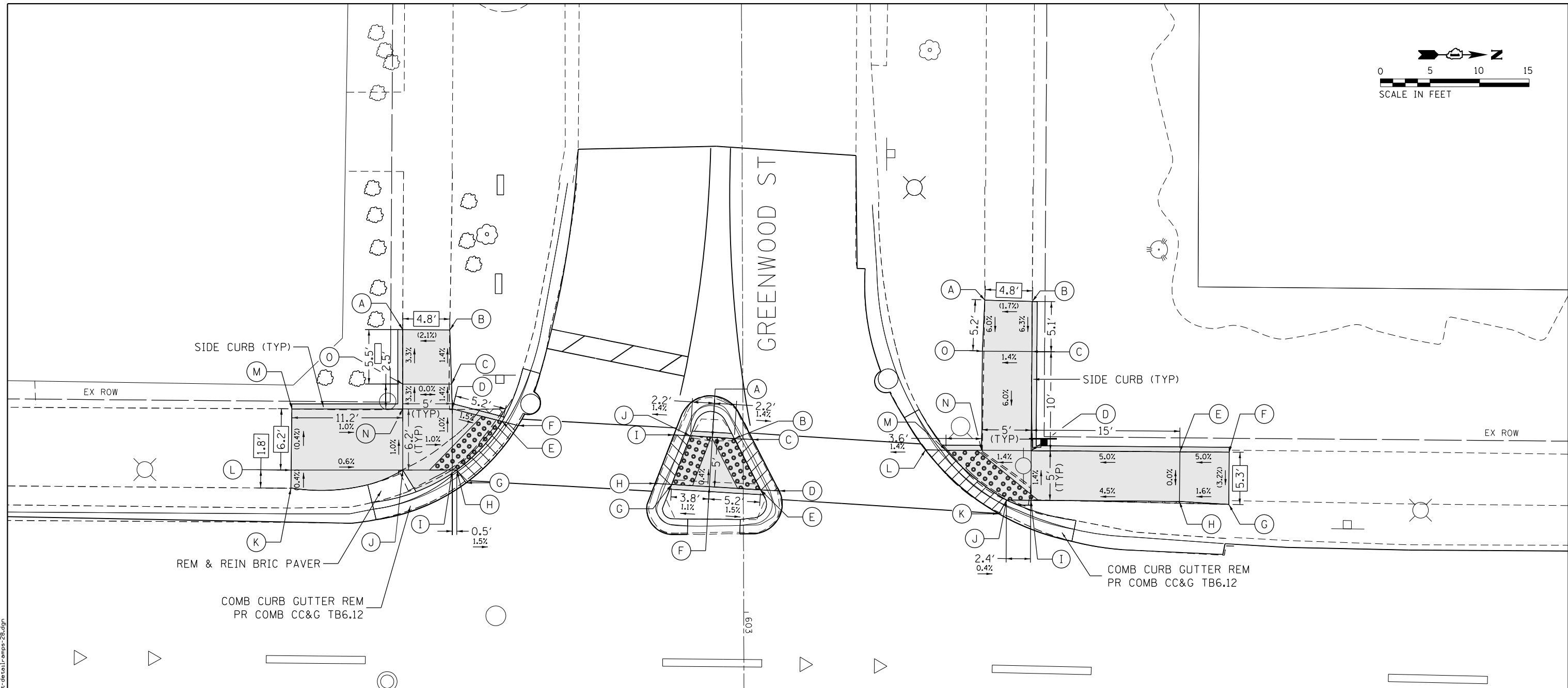
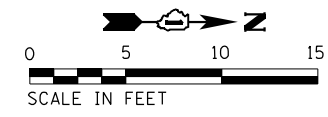
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
US 41 AT ENFIELD AVE RAMP DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	128
CONTRACT NO. 62633				

ILLINOIS FED. AID PROJECT



US 41 AT GREENWOOD ST SOUTHWEST CORNER				US 41 AT GREENWOOD ST ISLAND				US 41 AT GREENWOOD ST NORTHWEST CORNER			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	25+88.22	50.37' LT	(628.34)	A	26+19.55	39.77' LT	629.13	A	26+46.93	53.83' LT	(629.24)
B	25+92.97	50.38' LT	(628.44)	B	26+21.78	39.66' LT	629.10	B	26+51.72	53.73' LT	(629.32)
C	25+93.19	44.92' LT	628.52	C	26+23.61	39.57' LT	(629.09)	C	26+51.73	48.68' LT	629.00
D	25+93.29	42.42' LT	628.55	D	26+26.34	34.42' LT	(629.08)	D	26+51.74	38.68' LT	628.40
E	25+98.33	41.18' LT	628.47	E	26+24.47	34.51' LT	629.07	E	26+66.74	38.69' LT	629.15
F	25+99.95	40.78' LT	(628.45)	F	26+19.30	34.78' LT	629.15	F	26+71.71	38.70' LT	(629.40)
G	25+94.75	34.97' LT	(628.61)	G	26+15.49	34.98' LT	629.11	G	26+71.73	33.43' LT	(629.23)
H	25+93.79	36.24' LT	628.60	H	26+13.83	35.06' LT	(629.12)	H	26+66.74	33.69' LT	629.15
I	25+93.34	36.23' LT	628.61	I	26+15.67	39.97' LT	(629.10)	I	26+51.74	33.68' LT	628.47
J	25+88.34	36.19' LT	628.66	J	26+17.33	39.89' LT	629.10	J	26+49.30	33.68' LT	628.48
K	25+77.06	34.26' LT	(628.74)					K	26+48.52	32.30' LT	628.49
L	25+77.07	36.10' LT	(628.73)					L	26+41.07	38.67' LT	(628.30)
M	25+77.10	42.28' LT	(628.71)					M	26+43.13	38.67' LT	628.28
N	25+88.29	42.38' LT	628.60					N	26+46.74	38.68' LT	628.33
O	25+88.27	44.88' LT	628.52					O	26+46.73	48.68' LT	628.93

LEGEND	
XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION / SLOPE
▭	PROPOSED ADA RAMP
▨	DEPRESSED CURB & GUTTER
—	PROPOSED SIDE CURB
▣	DETECTABLE WARNINGS
▤	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD

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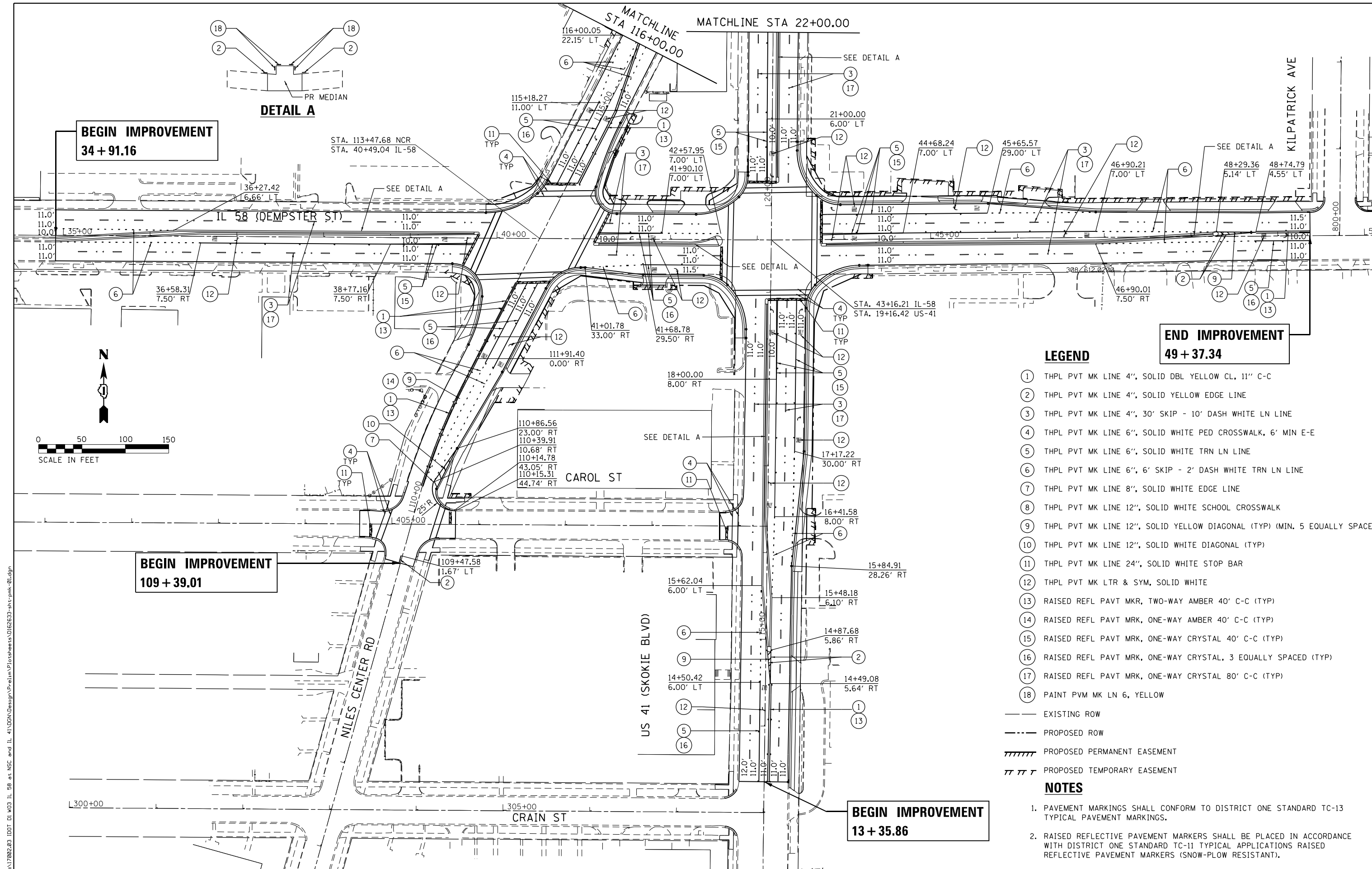
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	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**US 41 AT GREENWOOD AVE RAMP DETAIL**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 129
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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



**BEGIN IMPROVEMENT**  
34 + 91.16

**BEGIN IMPROVEMENT**  
109 + 39.01

**BEGIN IMPROVEMENT**  
13 + 35.86

**END IMPROVEMENT**  
49 + 37.34

**DETAIL A**

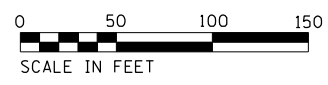
**LEGEND**

- ① THPL PVT MK LINE 4", SOLID DBL YELLOW CL, 11" C-C
- ② THPL PVT MK LINE 4", SOLID YELLOW EDGE LINE
- ③ THPL PVT MK LINE 4", 30' SKIP - 10' DASH WHITE LN LINE
- ④ THPL PVT MK LINE 6", SOLID WHITE PED CROSSWALK, 6' MIN E-E
- ⑤ THPL PVT MK LINE 6", SOLID WHITE TRN LN LINE
- ⑥ THPL PVT MK LINE 6", 6' SKIP - 2' DASH WHITE TRN LN LINE
- ⑦ THPL PVT MK LINE 8", SOLID WHITE EDGE LINE
- ⑧ THPL PVT MK LINE 12", SOLID WHITE SCHOOL CROSSWALK
- ⑨ THPL PVT MK LINE 12", SOLID YELLOW DIAGONAL (TYP) (MIN. 5 EQUALLY SPACED)
- ⑩ THPL PVT MK LINE 12", SOLID WHITE DIAGONAL (TYP)
- ⑪ THPL PVT MK LINE 24", SOLID WHITE STOP BAR
- ⑫ THPL PVT MK LTR & SYM, SOLID WHITE
- ⑬ RAISED REFL PAVT MKR, TWO-WAY AMBER 40' C-C (TYP)
- ⑭ RAISED REFL PAVT MKR, ONE-WAY AMBER 40' C-C (TYP)
- ⑮ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL 40' C-C (TYP)
- ⑯ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL, 3 EQUALLY SPACED (TYP)
- ⑰ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL 80' C-C (TYP)
- ⑱ PAINT PVM MK LN 6, YELLOW

- EXISTING ROW
- - - PROPOSED ROW
- ////// PROPOSED PERMANENT EASEMENT
- ||||| PROPOSED TEMPORARY EASEMENT

**NOTES**

1. PAVEMENT MARKINGS SHALL CONFORM TO DISTRICT ONE STANDARD TC-13 TYPICAL PAVEMENT MARKINGS.
2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).



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DRAWN - RG	REVISIONS -	
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**PAVEMENT MARKING PLANS**

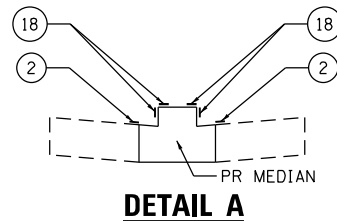
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CONTRACT NO. 62633				ILLINOIS FED. AID PROJECT

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

**LEGEND**

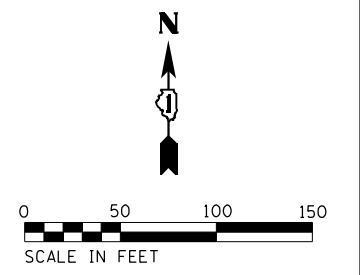
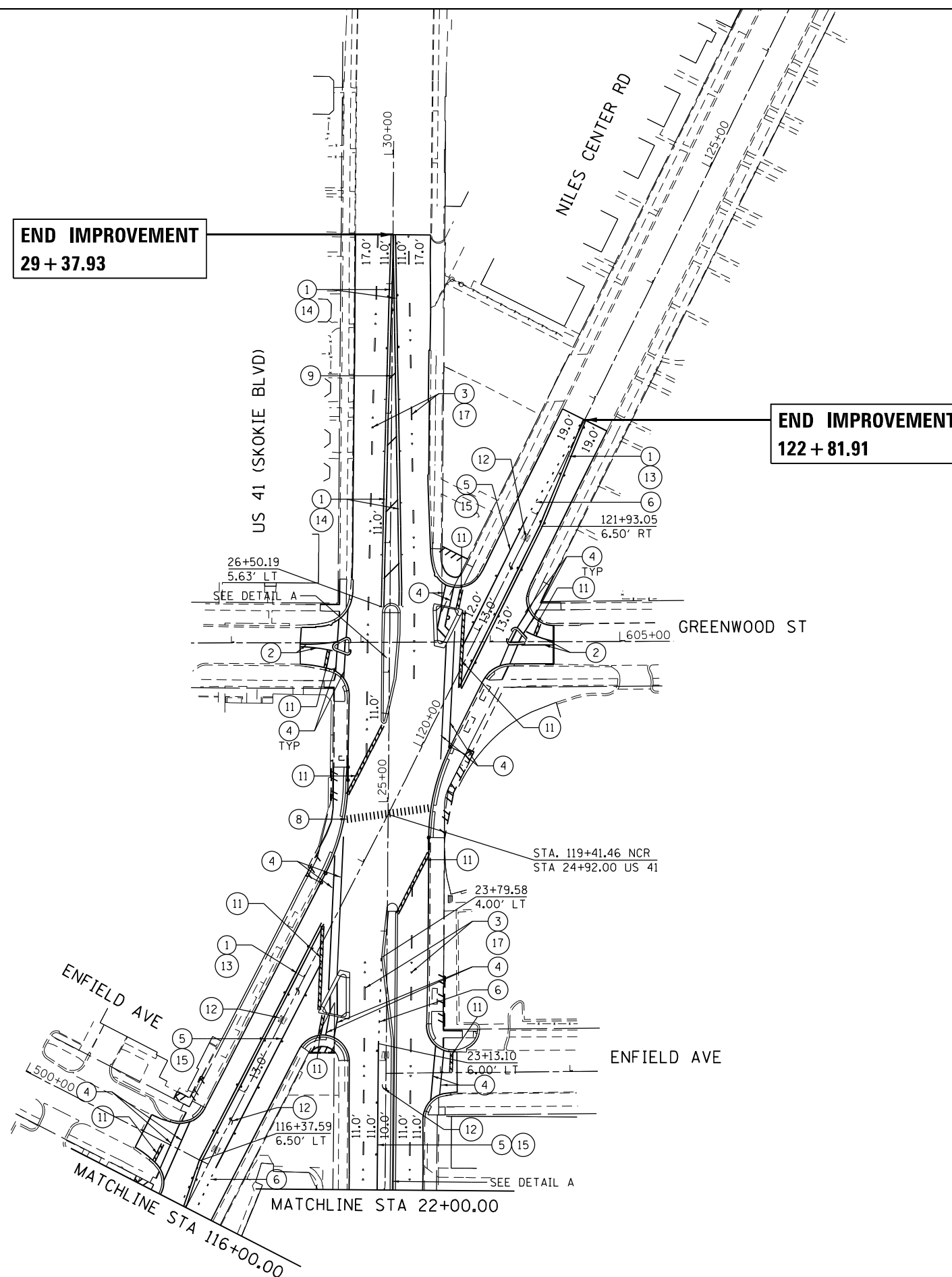
- ① THPL PVT MK LINE 4", SOLID DBL YELLOW CL, 11" C-C
- ② THPL PVT MK LINE 4", SOLID YELLOW EDGE LINE
- ③ THPL PVT MK LINE 4", 30' SKIP - 10' DASH WHITE LN LINE
- ④ THPL PVT MK LINE 6", SOLID WHITE PED CROSSWALK, 6' MIN E-E
- ⑤ THPL PVT MK LINE 6", SOLID WHITE TRN LN LINE
- ⑥ THPL PVT MK LINE 6", 6' SKIP - 2' DASH WHITE TRN LN LINE
- ⑦ THPL PVT MK LINE 8", SOLID WHITE EDGE LINE
- ⑧ THPL PVT MK LINE 12", SOLID WHITE SCHOOL CROSSWALK
- ⑨ THPL PVT MK LINE 12", SOLID YELLOW DIAGONAL (TYP) (MIN. 5 EQUALLY SPACED)
- ⑩ THPL PVT MK LINE 12", SOLID WHITE DIAGONAL (TYP)
- ⑪ THPL PVT MK LINE 24", SOLID WHITE STOP BAR
- ⑫ THPL PVT MK LTR & SYM, SOLID WHITE
- ⑬ RAISED REFL PAVT MKR, TWO-WAY AMBER 40' C-C (TYP)
- ⑭ RAISED REFL PAVT MKR, ONE-WAY AMBER 40' C-C (TYP)
- ⑮ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL 40' C-C (TYP)
- ⑯ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL, 3 EQUALLY SPACED (TYP)
- ⑰ RAISED REFL PAVT MKR, ONE-WAY CRYSTAL 80' C-C (TYP)
- ⑱ PAINT PVM MK LN 6, YELLOW

- EXISTING ROW
- - - PROPOSED ROW
- ////// PROPOSED PERMANENT EASEMENT
- /// PROPOSED TEMPORARY EASEMENT



**NOTES**

1. PAVEMENT MARKINGS SHALL CONFORM TO DISTRICT ONE STANDARD TC-13 TYPICAL PAVEMENT MARKINGS.
2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).



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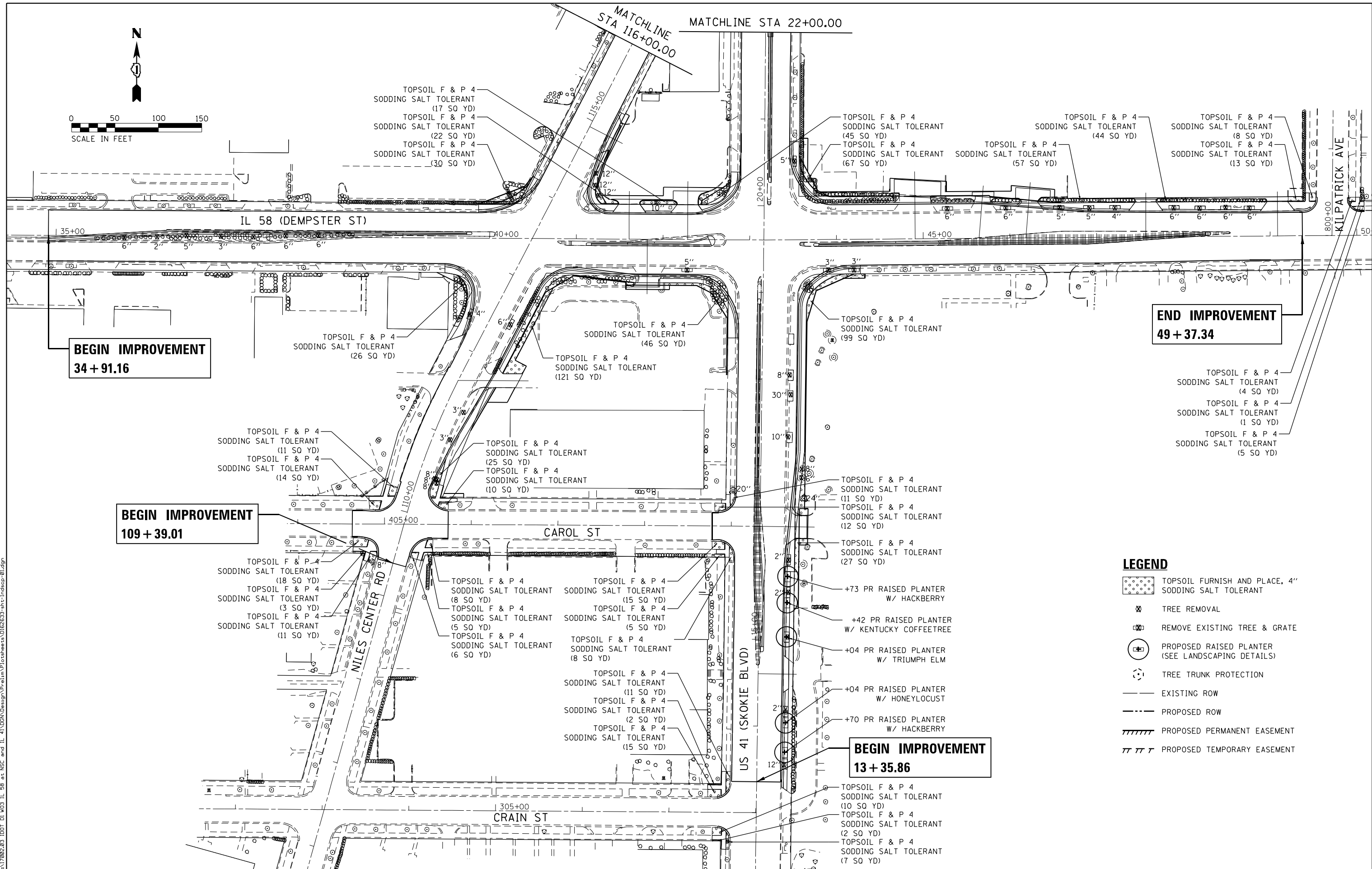
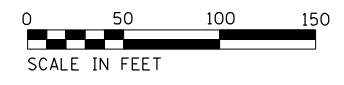
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DRAWN - RG	REVISOR -	
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISOR -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**PAVEMENT MARKING PLANS**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 131
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4" SODDING SALT TOLERANT
  - TREE REMOVAL
  - REMOVE EXISTING TREE & GRATE
  - PROPOSED RAISED PLANTER (SEE LANDSCAPING DETAILS)
  - TREE TRUNK PROTECTION
  - EXISTING ROW
  - PROPOSED ROW
  - PROPOSED PERMANENT EASEMENT
  - PROPOSED TEMPORARY EASEMENT

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	DRAWN - RG	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**










**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
LANDSCAPING PLANS**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 132
				CONTRACT NO. 62633
ILLINOIS FED. AID PROJECT				

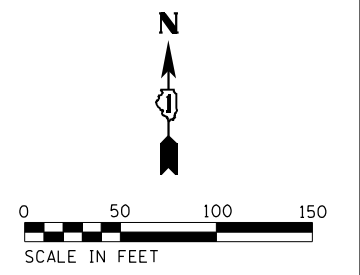
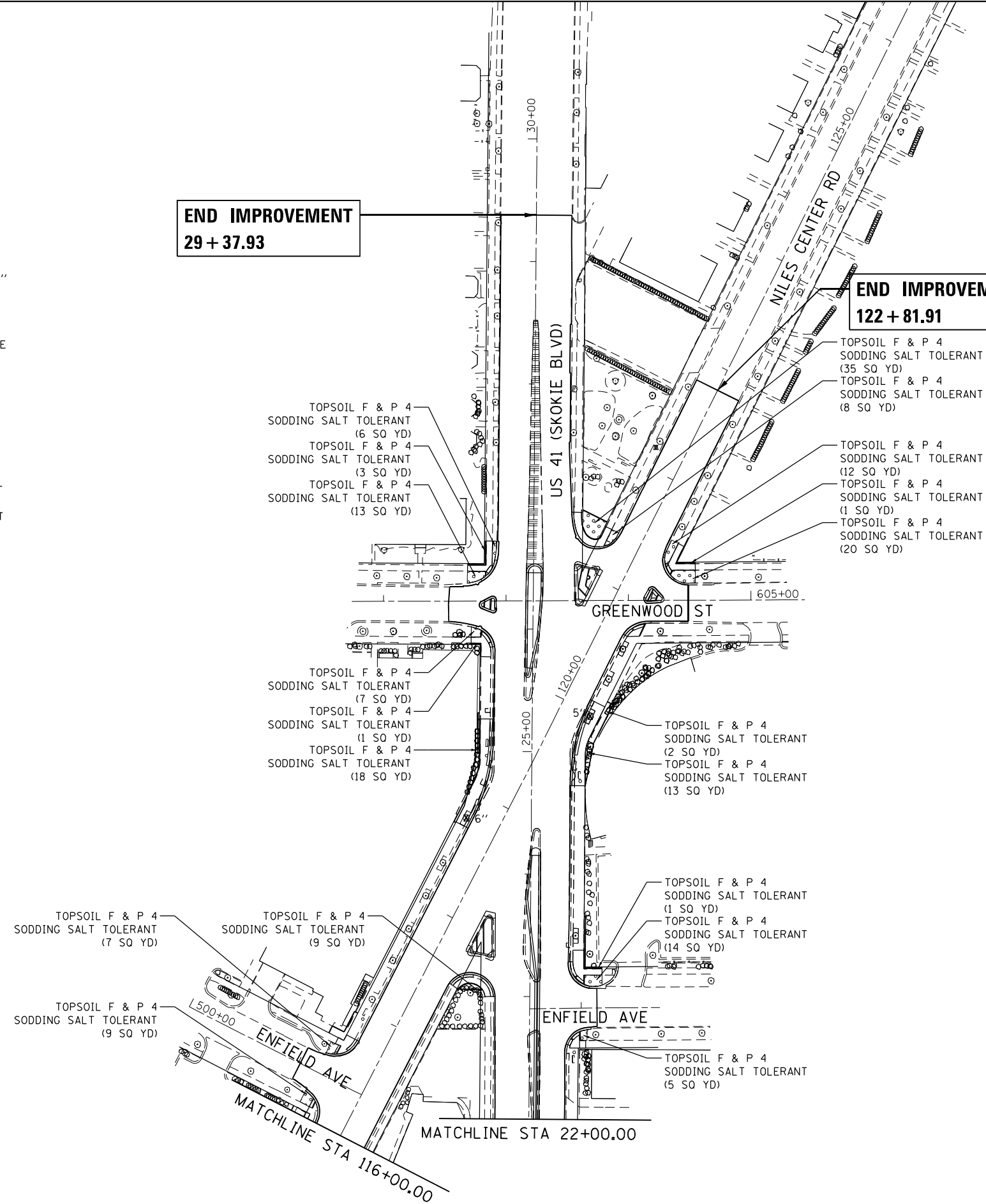


**LEGEND**

-  TOPSOIL FURNISH AND PLACE, 4" SODDING SALT TOLERANT
-  TREE REMOVAL
-  REMOVE EXISTING TREE & GRATE
-  PROPOSED RAISED PLANTER (SEE LANDSCAPING DETAILS)
-  TREE TRUNK PROTECTION
-  EXISTING ROW
-  PROPOSED ROW
-  PROPOSED PERMANENT EASEMENT
-  PROPOSED TEMPORARY EASEMENT

**END IMPROVEMENT  
29 + 37.93**

**END IMPROVEMENT  
122 + 81.91**



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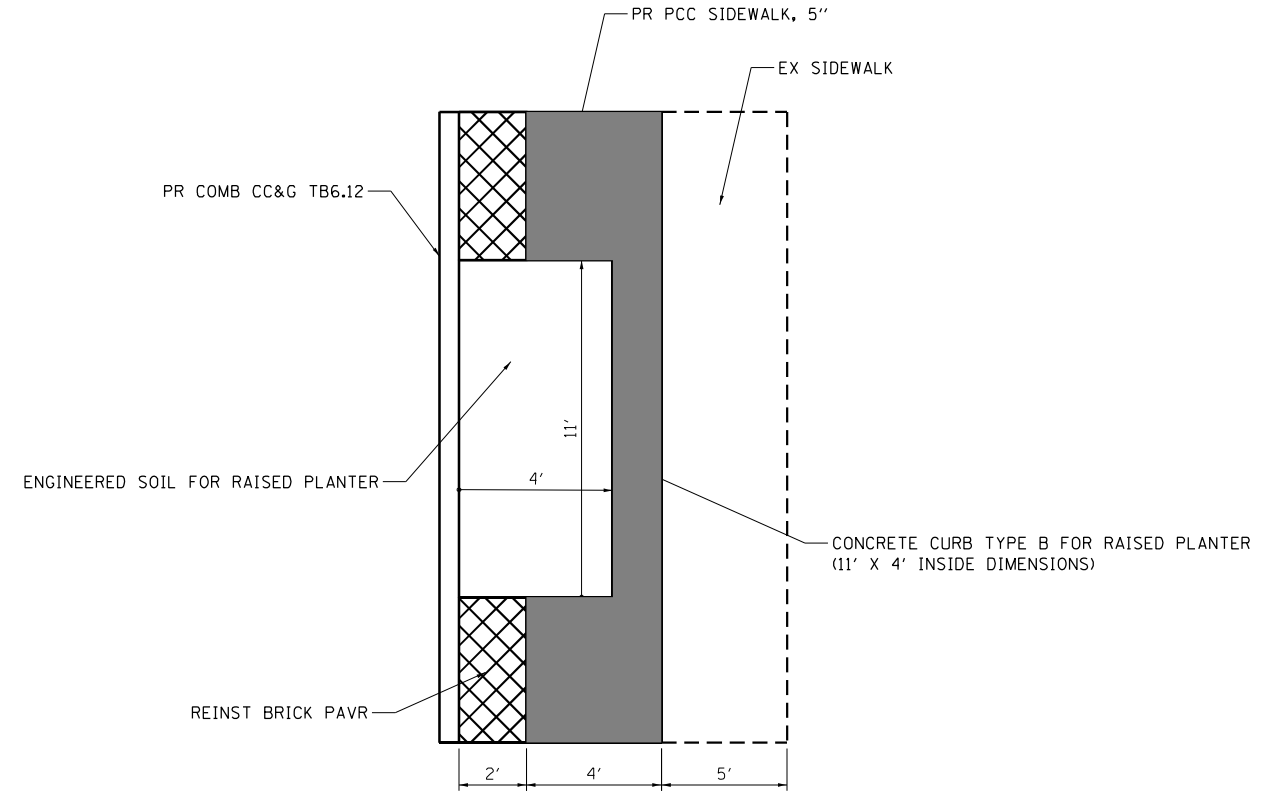
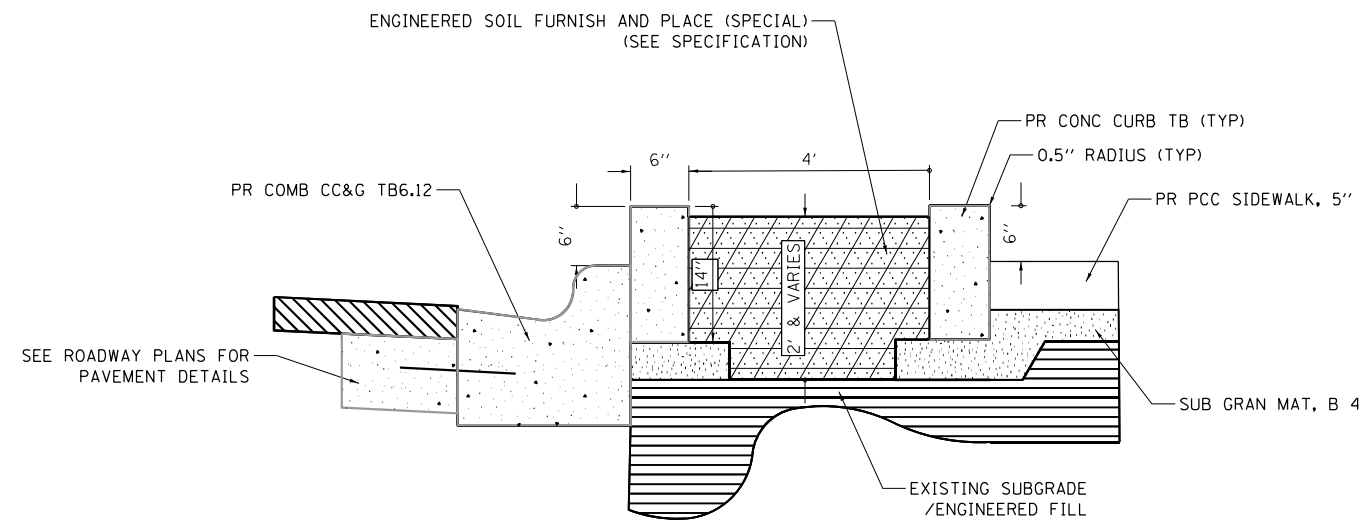
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DRAWN - RG	REVISOR -	
PLOT SCALE = 100.0000' / 1"	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
LANDSCAPING PLANS**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 133
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



### RAISED PLANTER ADJACENT TO CURB

NOTES:

1. PLANTER BARRIER CURB SHALL HAVE TOOLED JOINTS TO MATCH THE CONCRETE SIDEWALK OR THE B6.12 CURB AND GUTTER. DOWEL BARS SHALL NOT BE PLACED WITHIN 3" OF A TOOLED JOINT.

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	DRAWN - RG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**LANDSCAPING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	134
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

Default File Name = Z:\17002.03\_IDOT\_D1\_M03\_IL\_58.et\_nsc\_and IL\_41\DDA\Design\Prelim\Plot\shets\0162633-3ht-signschedule-01.dgn

EXISTING SIGNING SCHEDULE																	
SIGN NUMBER	EXISTING STATION	EXISTING OFFSET	EXISTING MOUNTING TYPE	DESIGNATION	DESCRIPTION	ACTION	RELOCATE STATION	RELOCATE OFFSET	RELOCATE MOUNTING TYPE	PANEL WIDTH (IN)	PANEL HEIGHT (IN)	PANEL AREA (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A (EA)	72400200 REMOVE SIGN PANEL ASSEMBLY TYPE B (EA)	72400310 REMOVE SIGN PANEL TYPE 1 (SQ FT)	72400500 RELOCATE SIGN PANEL ASSEMBLY TYPE A (EA)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ FT)
E-01	35+81.35	1.8' RT	GROUND	R6-2R	ONE WAY	REMOVE				30	36	7.5			7.5		
E-02	40+41.08	47.5' LT	TRAFFIC SIGNAL	M1-100	STATE ROUTE	REMOVE				24	24	4.0		1			
				M6-4	DIRECTIONAL ARROW					21	15	2.2					
				R1-1	STOP (FOLDED)					36	36	9.0					
E-03	41+06.00	54.09' LT	LIGHT POLE	D11-1	BIKE ROUTE	REMOVE				24	18	3.0			3.0		
E-04	41+12.83	38.5' LT	TRAFFIC SIGNAL	M3-1	CARDINAL DIRECTION	REMOVE				24	12	2.0		1			
				M1-4	US ROUTE					24	24	4.0					
				M6-2L	DIRECTIONAL ARROW					21	15	2.2					
				R1-1	STOP (FOLDED)					36	36	9.0					
E-05	41+24.81	33.9' LT	GROUND		CTA BUS STOP	RELOCATE	41+34.69	34.0' LT	GROUND	18	24	3.0			3.0		3.0
E-06	41+98.34	34.7' LT	LIGHT POLE		SPEED LIMIT	REMOVE				30	36	7.5			7.5		
E-07	42+77.66	48.8' LT	TRAFFIC SIGNAL	M1-100	STATE ROUTE	REMOVE				24	24	4.0		1			
				M6-1L	DIRECTIONAL ARROW					21	15	2.2					
				R1-1	STOP (FOLDED)					36	36	9.0					
E-08	43+56.67	53.3' LT	TRAFFIC SIGNAL	M3-1	CARDINAL DIRECTION	REMOVE				24	12	2.0		1			
				M1-4	US ROUTE					24	24	4.0					
				R3-2	NO LEFT TURN					36	36	9.0					
E-09	43+76.09	35.3' LT	LIGHT POLE	M1-100	STATE ROUTE	REMOVE				24	24	4.0		1			
				M6-3	DIRECTIONAL ARROW					21	15	2.2					
				M1-4	US ROUTE					24	24	4.0					
				M6-4	DIRECTIONAL ARROW					21	15	2.2					
E-10	40+94.64	5.3' RT	GROUND	R4-7	KEEP RIGHT	REMOVE				24	30	5.0		1			
				R3-5	LEFT TURN ONLY					24	30	5.0					
				R3-2	NO LEFT TURN					24	30	5.0					
E-11	42+64.22	0.1' LI	GROUND		KEEP RIGHT	RELOCATE				24	30	5.0					
					KEEP RIGHT	REMOVE				24	30	5.0					
E-12	39+50.10	34.7' RT	GROUND		CTA BUS STOP	RELOCATE	39+50.10	34.7' RT	GROUND	18	24	3.0			3.0		3.0
E-13	39+67.20	41.4' RT	TRAFFIC SIGNAL	R1-1	STOP (FOLDED)	REMOVE				36	36	9.0			9.0		
E-14	39+80.56	53.9' RT	TRAFFIC SIGNAL	W4-2R	LANE ENDS	REMOVE				36	36	9.0			9.0		
E-15	39+82.99	72.0' RT	LIGHT POLE	D11-1	BIKE ROUTE	REMOVE				24	18	3.0			3.0		
E-16	40+54.00	50.1' RT	TRAFFIC SIGNAL	M1-100	STATE ROUTE	REMOVE				24	24	4.0		1			
				M6-4	DIRECTIONAL ARROW					21	15	2.2					
				R1-1	STOP (FOLDED)					36	36	9.0					
E-17	40+78.07	38.1' RT	TRAFFIC SIGNAL	R10-7	DO NOT BLOCK INTERSECTION	REMOVE				24	30	5.0			5.0		
E-18	41+63.96	40.9' RT	LIGHT POLE	R3-9dP	END	REMOVE				30	12	2.5	1				
				M1-100	STATE ROUTE					24	24	4.0					
E-19	42+54.83	34.8' RT	GROUND		CTA BUS STOP	RELOCATE	42+38.70	45.6' RT	GROUND	18	24	3.0			3.0		3.0
E-20	42+57.28	41.2' RT	LIGHT POLE	M3-3	CARDINAL DIRECTION	REMOVE				24	12	2.0	1				
				M1-4	US ROUTE					24	24	4.0					
				M6-1R	DIRECTIONAL ARROW					21	15	2.2					
E-21	42+63.54	40.3' RT	TRAFFIC SIGNAL	R1-1	STOP (FOLDED)	REMOVE				36	36	9.0			9.0		
E-22	42+78.17	59.1' RT	TRAFFIC SIGNAL	M3-3	CARDINAL DIRECTION	REMOVE				24	12	2.0	1				
				M1-4	US ROUTE					24	24	4.0					
E-23	43+53.53	54.0' RT	TRAFFIC SIGNAL	R1-1	STOP (FOLDED)	REMOVE				36	36	9.0			9.0		
E-24	43+68.54	35.9' RT	TRAFFIC SIGNAL	R3-2	NO LEFT TURN	REMOVE				36	36	9.0			9.0		
E-25	111+97.31	33.7' RT	GROUND	R1-1	STOP	REMOVE				36	36	9.0			9.0		
E-26	48+26.01	32.2' LT	GROUND		PACE BUS STOP	RELOCATE	42+38.70	45.6' RT	GROUND	18	24	3.0			3.0		3.0
E-27	16+08.33	41.2' LT	GROUND	D3-1	STREET NAME	RELOCATE	16+08.33	41.2' LT	GROUND	30	12	2.5	1			1	
				D3-1	STREET NAME					30	12	2.5					
E-28	16+08.33	41.2' LT	GROUND	R1-1	STOP	REMOVE				36	36	9.0			9.0		
E-29	17+85.72	41.4' LT	GROUND	R1-1	STOP	REMOVE				36	36	9.0			9.0		
E-30	17+31.62	4.8' LT	GROUND	R3-5	LEFT TURN ONLY	REMOVE				30	36	7.5			7.5		
E-31	13+40.61	32.0' RT	LIGHT POLE	M2-1	JUNCTION	REMOVE				30	21	4.4		1			
				M1-100	STATE ROUTE					36	36	9.0					
				CUSTOM	DEMPSTER STREET					24	15	2.5					
E-32	15+34.52	33.4' RT	LIGHT POLE		PARKING RESTRICTIONS	RELOCATE	15+34.52	33.4' RT	LIGHT POLE	12	18	1.5			1.5		1.5
E-33	17+04.47	33.3' RT	LIGHT POLE	M1-100	STATE ROUTE	REMOVE				24	24	4.0	1				
				M6-1L	DIRECTIONAL ARROW					21	15	2.2					
				M1-4	US ROUTE					24	24	4.0					
E-34	23+47.01	37.6' LT	TRAFFIC SIGNAL	M6-4	DIRECTIONAL ARROW	REMOVE				21	15	2.2		1			
				R1-1	STOP (FOLDED)					36	36	9.0					
E-35	24+23.20	3.7' RT	TRAFFIC SIGNAL	R4-7	KEEP RIGHT	REMOVE				24	30	5.0			5.0		
E-36	23+13.46	48.5' RT	GROUND	D3-1	STREET NAME	RELOCATE	23+13.46	48.5' RT	GROUND	30	12	2.5	1			1	
				D3-1	STREET NAME					30	12	2.5					
E-37	23+13.46	48.5' RT	GROUND	R1-1	STOP	REMOVE				36	36	9.0			9.0		
E-38	24+64.73	45.6' LT	TRAFFIC SIGNAL	D11-1	BIKE ROUTE	REMOVE				24	18	3.0			3.0		
E-39	24+91.55	36.7' LT	TRAFFIC SIGNAL		SCHOOL CROSSING	REMOVE				36	36	9.0		1			
				R1-1	STOP (FOLDED)					36	36	9.0					
E-40	25+98.07	45.4' LT	GROUND	R1-1	STOP	REMOVE				36	36	9.0			9.0		

USER NAME = RG011	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
SIGNING SCHEDULES

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 135
CONTRACT NO. 62633				
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.				
ILLINOIS FED. AID PROJECT				

EXISTING SIGNING SCHEDULE CONTINUED																	
SIGN NUMBER	EXISTING STATION	EXISTING OFFSET	EXISTING MOUNTING TYPE	DESIGNATION	DESCRIPTION	ACTION	RELOCATE STATION	RELOCATE OFFSET	RELOCATE MOUNTING TYPE	PANEL WIDTH (IN)	PANEL HEIGHT (IN)	PANEL AREA (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A (EA)	72400200 REMOVE SIGN PANEL ASSEMBLY TYPE B (EA)	72400310 REMOVE SIGN PANEL TYPE 1 (SQ FT)	72400500 RELOCATE SIGN PANEL ASSEMBLY TYPE A (EA)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ FT)
E-41	26+52.29	39.4' LT	GROUND	D3-1	STREET NAME	RELOCATE	26+53.00	39.5' LT	GROUND	60	12	5.0	1			1	
				D3-1	STREET NAME					30	12	2.5					
E-42	25+65.52	2.4' LT	TRAFFIC SIGNAL	R4-7	KEEP RIGHT	REMOVE				24	30	5.0			5.0		
E-43	26+05.05	0.5' RT	GROUND	R6-2R	ONE WAY	REMOVE				30	36	7.5			7.5		
E-44	24+93.99	38.5' RT	TRAFFIC SIGNAL	S1-1	SCHOOL	REMOVE				36	36	9.0		1			
				W16-7P	DOWNWARD DIAGONAL ARROW					24	12	2.0					
E-45	25+20.93	43.1' RT	GROUND		PARKING RESTRICTIONS	RELOCATE	25+25.79	46.1' RT	GROUND	12	18	1.5			1.5		1.5
E-46	25+20.93	43.1' RT	GROUND	W4-2R	LANE ENDS	REMOVE				36	36	9.0			9.0		
E-47	26+36.08	41.9' RT	TRAFFIC SIGNAL	M1-4	US ROUTE	REMOVE				24	24	4.0					
				M6-4	DIRECTIONAL ARROW					21	15	2.2		1			
				R1-1	STOP (FOLDED)					36	36	9.0					
TOTAL													7	13	168.0	3	15.0

PROPOSED SIGNING SCHEDULE														
SIGN NUMBER	PROPOSED STATION	PROPOSED OFFSET	PROPOSED MOUNTING TYPE	DESIGNATION	DESCRIPTION	PANEL WIDTH (IN)	PANEL HEIGHT (IN)	PANEL AREA (SQ FT)	POST 1 (LF)	POST 2 (LF)	72000100 SIGN PANEL TYPE 1 (SQ FT)	72800100 TELESCOPING STEEL SIGN SUPPORT (LF)	73100100 BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)	
P-TSP-01	35+73.03	0.0'	GROUND	R6-2R	ONE WAY	30	36	7.5	10.0	10.0	7.5	20.0	2	
P-TS-02	40+38.17	57.6' LT	TRAFFIC SIGNAL	M1-1100	STATE ROUTE MARKER	24	24	4.0			4.0			
				M6-4	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-LP-03	41+22.56	50.3' LT	LIGHT POLE	D11-1	BIKE ROUTE	24	18	3.0			3.0			
P-TS-04	41+27.00	42.7' LT	TRAFFIC SIGNAL	M3-1	CARDINAL DIRECTION	24	12	2.0			2.0			
				M1-4	US ROUTE	24	24	4.0			4.0			
				M6-2L	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-LP-05	41+98.34	34.7' LT	LIGHT POLE	R2-1	SPEED LIMIT	30	36	7.5			7.5			
P-TS-06	42+74.83	59.5' LT	TRAFFIC SIGNAL	M1-1100	STATE ROUTE	24	24	4.0			4.0			
				M6-1L	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-TSP-07	20+34.57	6.2' RT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1	
				R3-5	LEFT TURN ONLY	24	30	5.0			5.0			
P-TS-08	43+70.43	65.1' LT	TRAFFIC SIGNAL	M3-1	CARDINAL DIRECTION	24	12	2.0			2.0			
				M1-4	US ROUTE	24	24	4.0			4.0			
				R3-2	NO LEFT TURN	36	36	9.0			9.0			
P-LP-09	43+82.25	52.6' LT	LIGHT POLE	M1-1100	STATE ROUTE	24	24	4.0			4.0			
				M6-3	DIRECTIONAL ARROW	21	15	2.2			2.2			
				M1-4	US ROUTE	24	24	4.0			4.0			
				M6-4	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-TSP-10	39+71.59	5.4' LT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1	
				R3-5	LEFT TURN ONLY	24	30	5.0			5.0			
P-TSP-11	41+20.36	5.9' RT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1	
				R3-5	LEFT TURN ONLY	24	30	5.0			5.0			
P-TSP-12	42+51.01	2.1' RT	GROUND	R3-2	NO LEFT TURN	36	36	9.0	10.0	10.0	9.0	20.0	2	
				R4-7	KEEP RIGHT	24	30	5.0			5.0			
P-TSP-13	43+81.37	5.7' RT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1	
				R3-5	LEFT TURN ONLY	24	30	5.0			5.0			
P-TS-15	39+71.68	55.3' RT	TRAFFIC SIGNAL	W4-2R	LANE ENDS	36	36	9.0			9.0			
P-LP-16	39+71.74	80.4' RT	LIGHT POLE	D11-1	BIKE ROUTE	24	18	3.0			3.0			
P-TS-17	40+80.42	46.8' RT	TRAFFIC SIGNAL	M1-1100	STATE ROUTE	24	24	4.0			4.0			
				M6-4	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-TS-18	40+91.88	43.4' RT	TRAFFIC SIGNAL	R10-7	DO NOT BLOCK INTERSECTION	24	30	5.0			5.0			
P-LP-19	41+48.13	47.5' RT	LIGHT POLE	R3-9dP	END	30	12	2.5			2.5			
				M1-1100	STATE ROUTE	24	24	4.0			4.0			
P-LP-20	42+47.67	52.4' RT	LIGHT POLE	M3-3	CARDINAL DIRECTION	24	12	2.0			2.0			
				M1-4	US ROUTE	24	24	4.0			4.0			
				M6-1R	DIRECTIONAL ARROW	21	15	2.2			2.2			
P-TS-22	42+65.02	67.1' RT	TRAFFIC SIGNAL	M3-3	CARDINAL DIRECTION	24	12	2.0			2.0			
				M1-4	US ROUTE	24	24	4.0			4.0			
P-TSP-23	18+84.23	4.2' LT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1	
				R3-5	LEFT TURN ONLY	24	30	5.0			5.0			
P-TS-25	43+92.13	46.4' RT	TRAFFIC SIGNAL	R3-2	NO LEFT TURN	36	36	9.0			9.0			
P-TSP-26	111+95.91	41.8' RT	GROUND	R1-1	STOP	36	36	9.0	15.0	15.0	9.0	30.0		

Default: FILE NAME = Z:\17002\03 IDOT D1 M03 IL 58 at NSE and IL 41\DDA\Design\Prelim\Plot sheets\0162633-shr-signschedule-82.dgn

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DRAWN - RG	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD) SIGNING SCHEDULES</b>			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	136
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

PROPOSED SIGNING SCHEDULE CONTINUED													
SIGN NUMBER	PROPOSED STATION	PROPOSED OFFSET	PROPOSED MOUNTING TYPE	DESIGNATION	DESCRIPTION	PANEL WIDTH (IN)	PANEL HEIGHT (IN)	PANEL AREA (SQ FT)	POST 1 (LF)	POST 2 (LF)	72000100	72800100	73100100
											SIGN PANEL TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (LF)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)
P-TSP-27	17+98.48	4.0' LT	GROUND	R6-2R	ONE WAY	30	36	7.5	10.0	10.0	7.5	20.0	2
P-TSP-28	16+08.33	41.2' LT	GROUND	R1-1	STOP	36	36	9.0	20.0	20.0	9.0	40.0	
				R6-2R	ONE WAY	30	36	7.5			7.5		
P-TSP-29	17+85.72	41.4' LT	GROUND	R1-1	STOP	36	36	9.0	18.0	18.0	9.0	36.0	
				R6-2R	ONE WAY	30	36	7.5			7.5		
P-TSP-30	16+30.47	3.4' LT	GROUND	R6-2R	ONE WAY	30	36	7.5	10.0	10.0	7.5	20.0	2
P-TSP-31	16+80.90	4.0' LT	GROUND	R3-5	LEFT TURN ONLY	30	36	7.5	10.0	10.0	7.5	20.0	2
P-LP-32	13+40.61	32.0' RT	LIGHT POLE	M2-1	JUNCTION	30	21	4.4			4.4		
				M1-1100	STATE ROUTE	36	36	9.0			9.0		
				CUSTOM	DEMPSTER STREET	24	15	2.5			2.5		
P-LP-33	17+05.03	50.0' RT	LIGHT POLE	M1-1100	STATE ROUTE	24	24	4.0			4.0		
				M6-1L	DIRECTIONAL ARROW	21	15	2.2			2.2		
P-TS-34	23+42.68	36.5' LT	TRAFFIC SIGNAL	M1-4	US ROUTE	24	24	4.0			4.0		
				M6-4	DIRECTIONAL ARROW	21	15	2.2			2.2		
P-TSP-35	22+90.37	5.9' RT	GROUND	R6-2R	ONE WAY	30	36	7.5	10.0	10.0	7.5	20.0	2
P-TSP-36	24+14.00	3.5' RT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1
P-TSP-37	23+13.46	48.5' RT	GROUND	R1-1	STOP	36	36	9.0	20.0	20.0	9.0	40.0	
				R6-2R	ONE WAY	30	36	7.5			7.5		
P-TS-38	24+56.33	48.9' LT	TRAFFIC SIGNAL	D11-1	BIKE ROUTE	24	18	3.0			3.0		
P-TS-39	24+90.02	43.9' LT	TRAFFIC SIGNAL	S1-1	SCHOOL	36	36	9.0			9.0		
				W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0			2.0		
P-TSP-40	25+98.07	45.4' LT	GROUND	R1-1	STOP	36	36	9.0	18.0	18.0	9.0	36.0	
				R6-2R	ONE WAY	30	36	7.5			7.5		
P-TSP-41	25+69.50	3.4' LT	GROUND	R4-7	KEEP RIGHT	24	30	5.0	9.5		5.0	9.5	1
P-TSP-42	26+05.05	0.5' RT	GROUND	R6-2R	ONE WAY	30	36	7.5	10.0	10.0	7.5	20.0	2
P-TS-43	25+08.89	44.9' RT	TRAFFIC SIGNAL	S1-1	SCHOOL	36	36	9.0			9.0		
				W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0			2.0		
P-TS-45	26+39.12	44.3' RT	TRAFFIC SIGNAL	M1-4	US ROUTE	24	24	4.0			4.0		
				M6-4	DIRECTIONAL ARROW	21	15	2.2			2.2		
TOTAL											364.8	388.5	21

Default: Z:\17002.03 IDOT-DI-W03-IL-58-ot-NSE-and-IL-41\DDA\Design\Prelim\Plotsheets\0162633-3ht-signschedule-83.dgn  
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	DRAWN - RG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

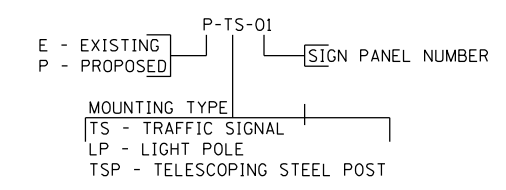
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
SIGNING SCHEDULES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	137
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

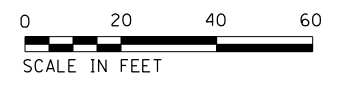
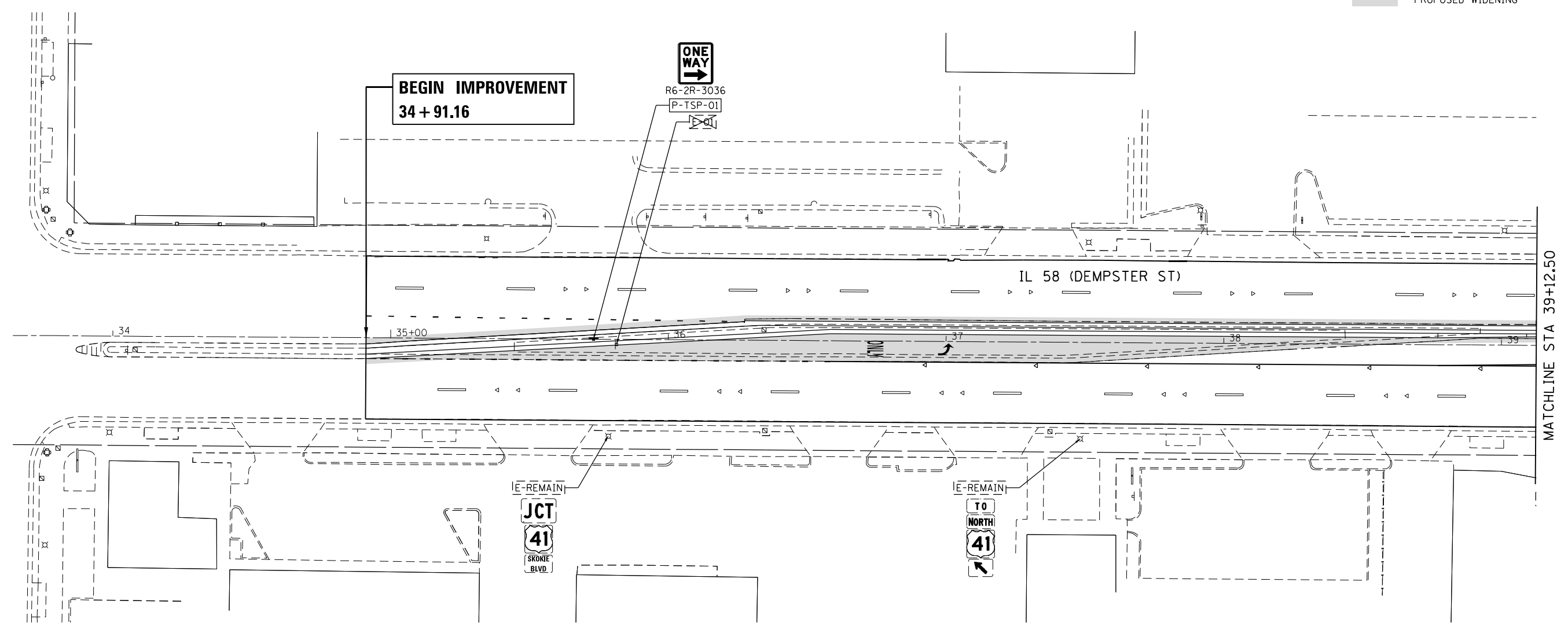


**SIGN CODE EXAMPLE**



**SIGNING LEGEND**

- EXISTING GROUND MOUNTED SIGN
- PROPOSED GROUND MOUNTED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- PROPOSED WIDENING



Default FILE NAME = Z:\17002\03\_IDOT\_D1\_M03\_IL\_58\_at\_NSC\_and\_IL\_41\DDA\Design\Prelim\Plotsheets\0162633-ah-t-sgn-01.dgn

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DRAWN - RG	CHECKED - JH	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 02/28/2020	REVISED -
PLOT DATE = 1/28/2021		

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**SIGNING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	138
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



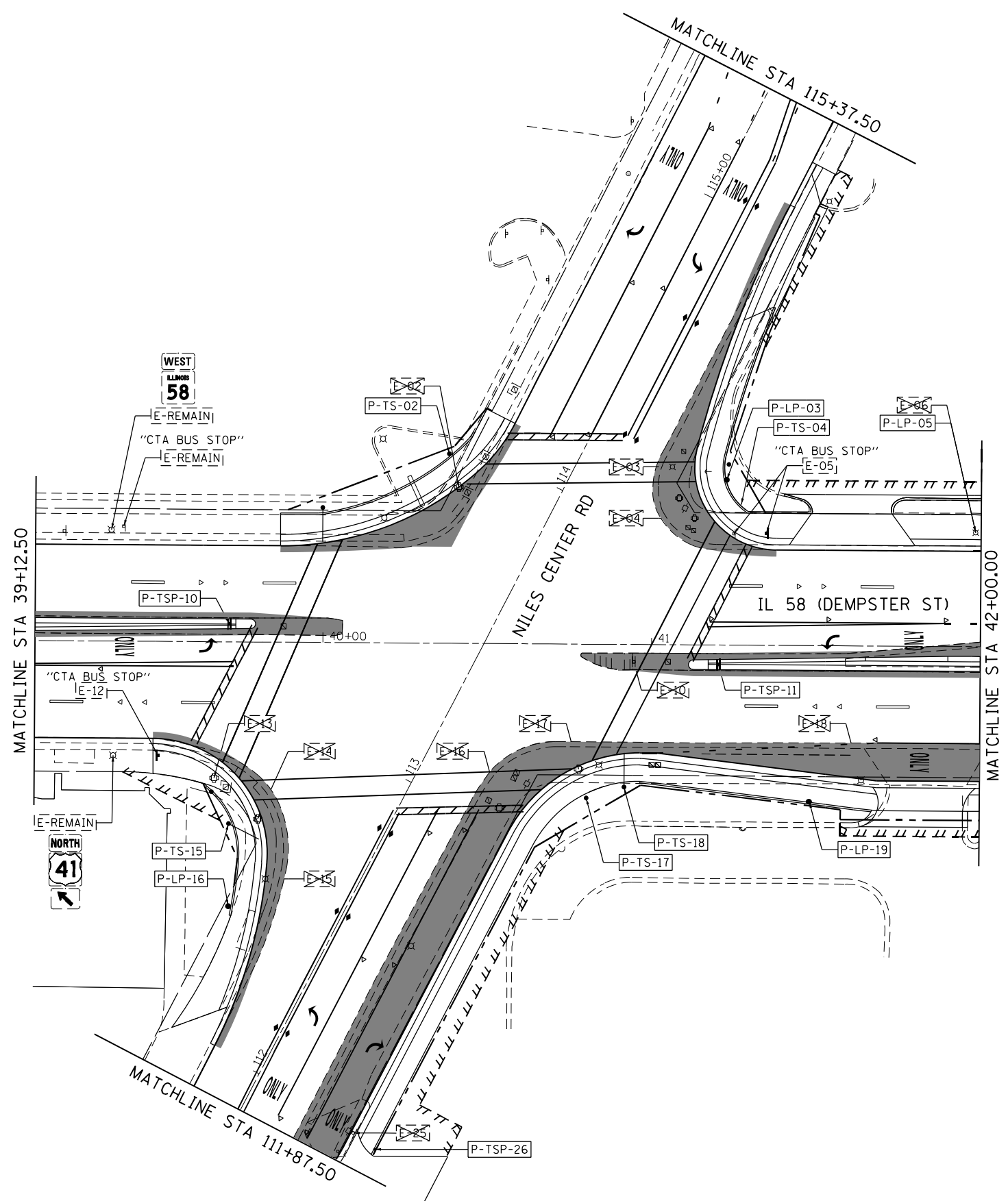
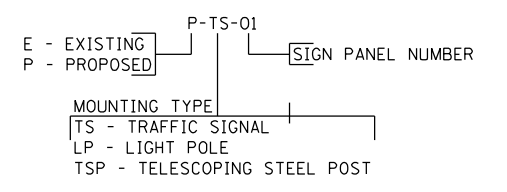
**PROPOSED SIGNING LEGEND**

M1-1100-2424  
 M6-4-2115  
 P-TS-02  
 D11-1-2418  
 P-LP-03  
 M3-1-2412  
 M1-4-2424  
 M6-2L-2115  
 P-TS-04  
 R2-1-3036  
 P-LP-05  
  
 R4-7-2430  
 R3-5-2430  
 P-TSP-10  
 R4-7-2430  
 R3-5-2430  
 P-TSP-11  
  
 W4-2R-3636  
 P-TS-15  
 D11-1-2418  
 P-LP-16  
 M1-1100-2424  
 M6-4-2115  
 P-TS-17  
 R10-7-2430  
 P-TS-18  
 R3-9dP-3012  
 M1-1100-2424  
 P-LP-19  
 R1-1-3636  
 P-TSP-26

**SIGNING LEGEND**

- EXISTING GROUND MOUNTED SIGN
- PROPOSED GROUND MOUNTED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- PROPOSED WIDENING

**SIGN CODE EXAMPLE**



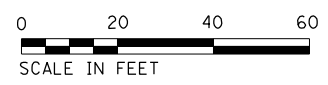
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USER NAME = RG011	DESIGNED - RG	REVISED -
DRAWN - RG	CHECKED - JH	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 02/28/2020	REVISED -
PLOT DATE = 1/28/2021		

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**SIGNING PLANS**  
 SCALE: 1" = 20'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	139
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



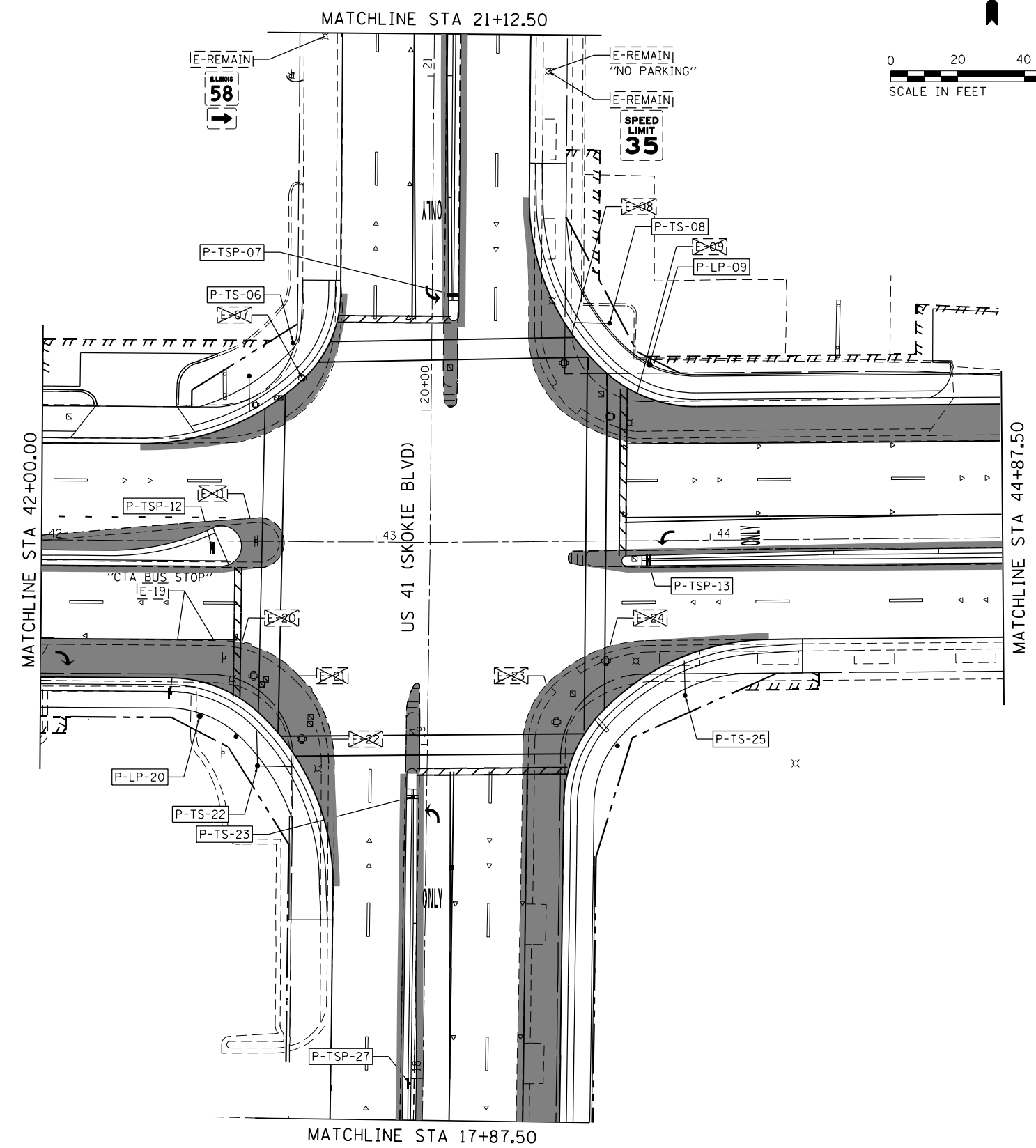
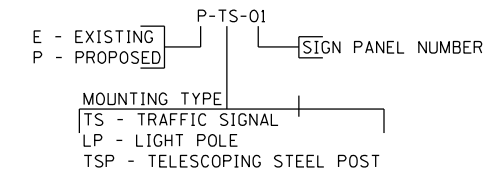
**PROPOSED SIGNING LEGEND**

<p>FACING SOUTH ILLINOIS 58 M1-1100-2424 M6-1L-2115 P-TS-06</p>	<p>FACING SOUTH FACING NORTH R4-7-2430 R3-5-2430 P-TSP-07</p>	<p>FACING SOUTH FACING WEST NORTH 41 M3-1-2412 R3-2-3636 M1-4-2424 P-TS-08</p>	<p>ILLINOIS 58 M1-1100-2424 M6-3-2115 41 M1-4-2424 M6-4-2115 P-LP-09</p>
<p>FACING WEST FACING EAST R3-2-3636 R4-7-2430 P-TSP-12</p>	<p>FACING WEST FACING EAST R4-7-2430 R3-5-2430 P-TSP-13</p>	<p>SOUTH 41 M3-3-2412 M1-4-2424 M6-1R-2115 P-LP-20</p>	<p>SOUTH 41 M3-3-2412 M1-4-2424 P-TS-22</p>
<p>FACING NORTH FACING SOUTH R4-7-2430 R3-5-2430 P-TSP-23</p>	<p>R3-2-3636 P-TS-25</p>	<p>ONE WAY R6-2R-3036 P-TSP-27</p>	

**SIGNING LEGEND**

- EXISTING GROUND MOUNTED SIGN
- PROPOSED GROUND MOUNTED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- PROPOSED WIDENING

**SIGN CODE EXAMPLE**



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DRAWN - RG	REVISIONS -	
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
SIGNING PLANS**

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

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 140
CONTRACT NO. 62633				ILLINOIS FED. AID PROJECT

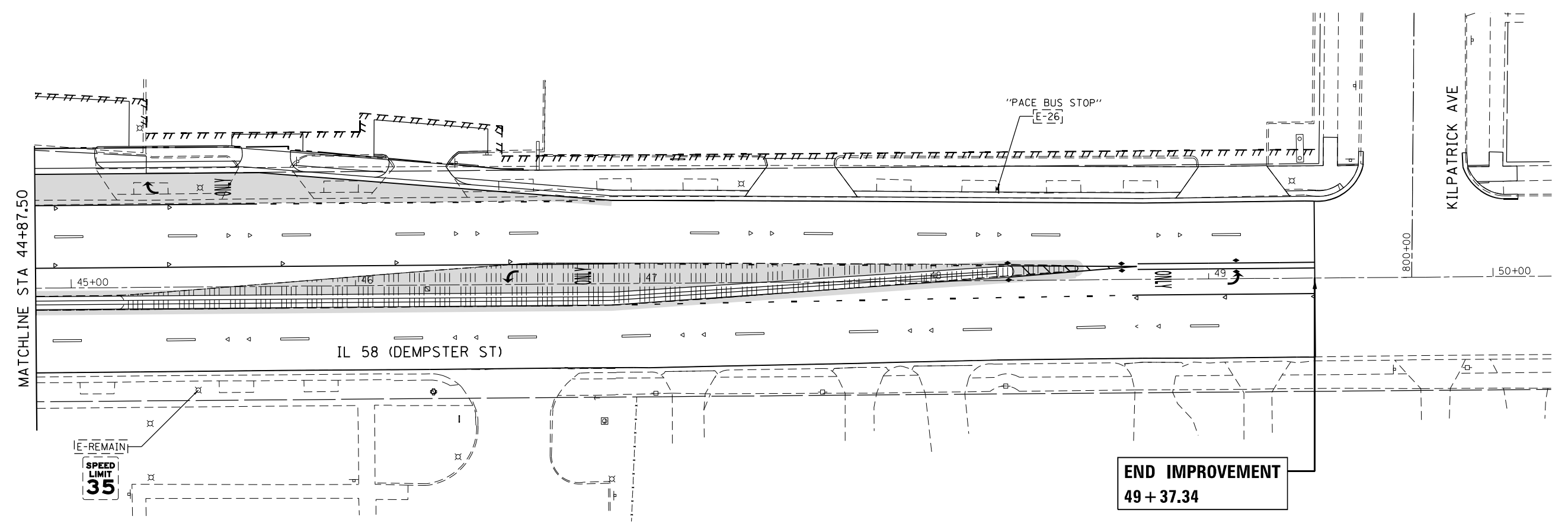
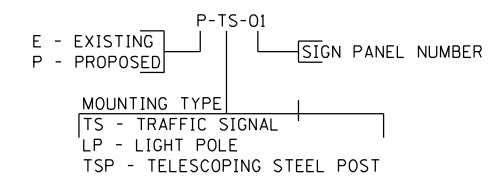




**SIGNING LEGEND**

- EXISTING GROUND MOUNTED SIGN
- PROPOSED GROUND MOUNTED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- PROPOSED WIDENING

**SIGN CODE EXAMPLE**



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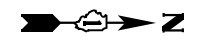


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	DRAWN - RG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**SIGNING PLANS**  
 SCALE: 1" = 20'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	141
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



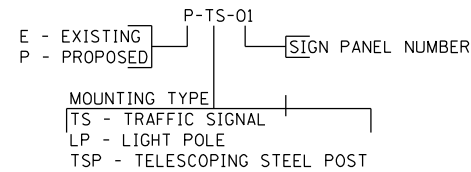
**SIGNING LEGEND**

- ▲ EXISTING GROUND MOUNTED SIGN
- ▲ PROPOSED GROUND MOUNTED SIGN
- [E-REMAIN] EXISTING SIGN TO REMAIN
- [E-01] EXISTING SIGN TO BE RELOCATED
- [X] EXISTING SIGN TO BE REMOVED
- [P-TS-01] PROPOSED SIGN
- ▨ PROPOSED WIDENING

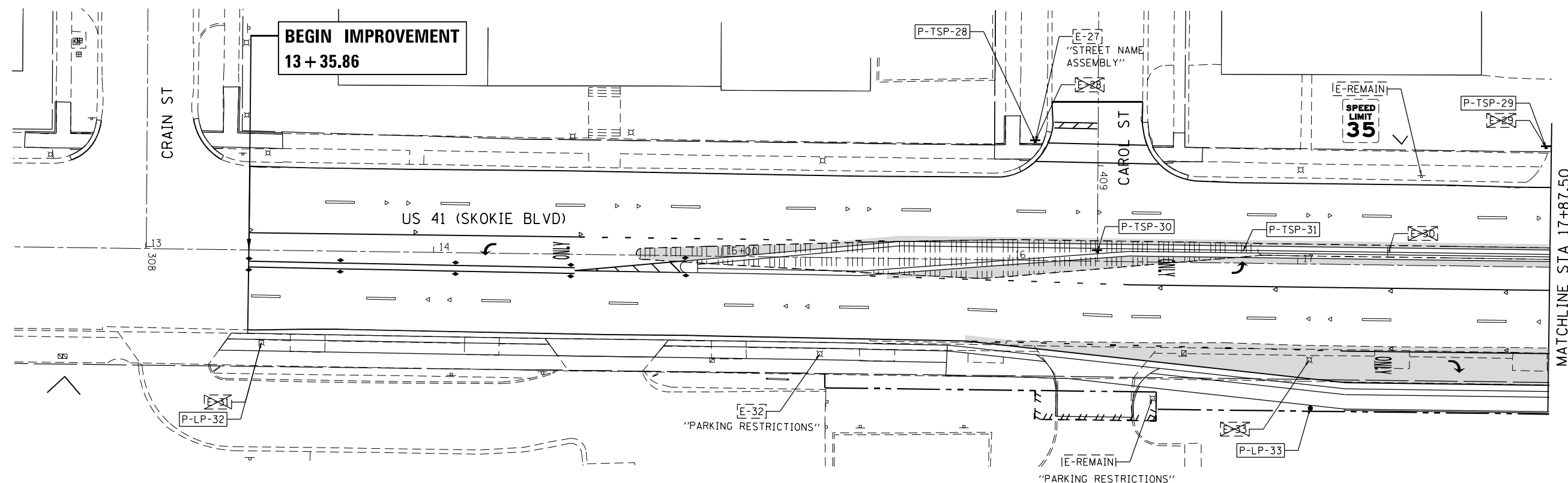
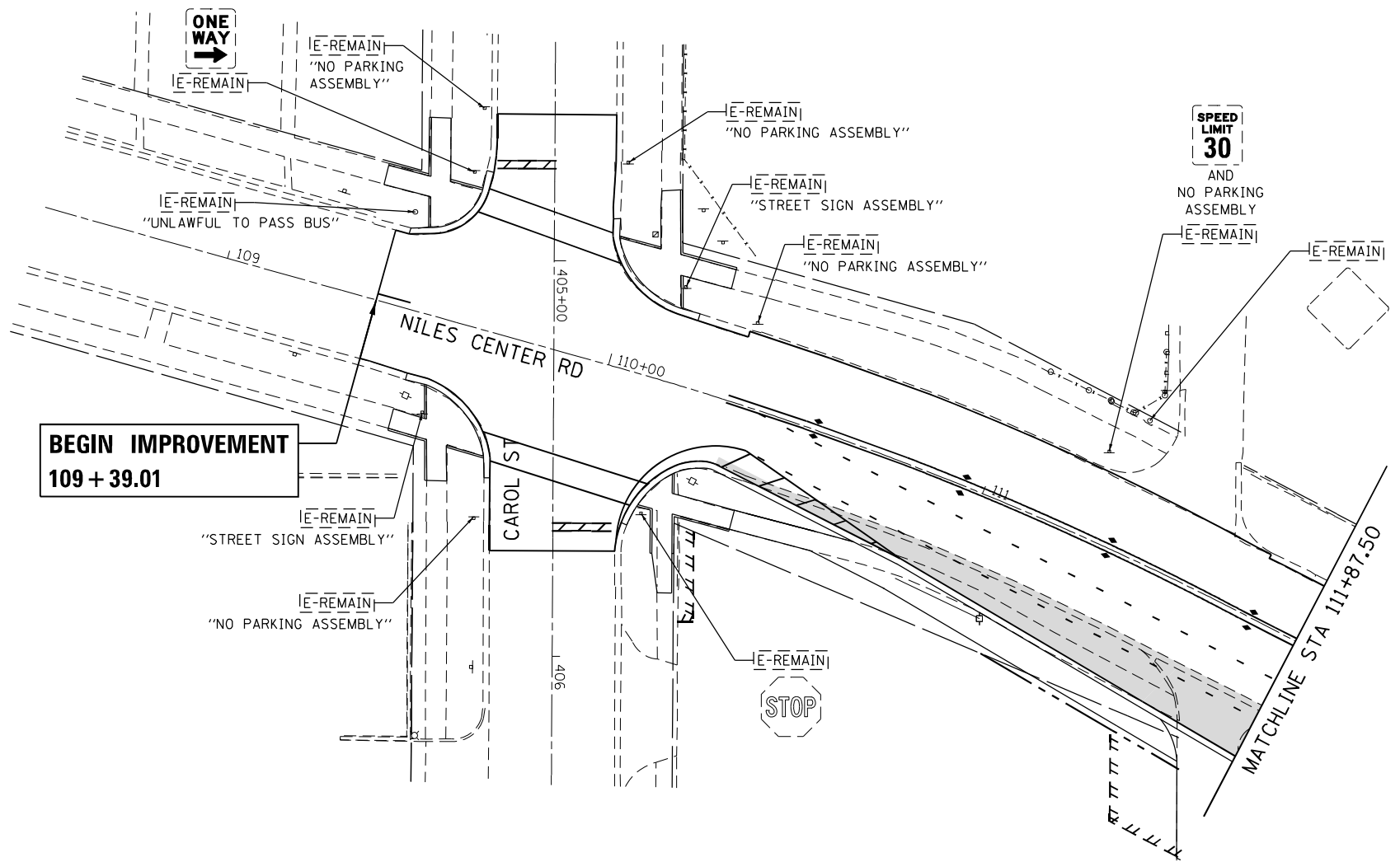
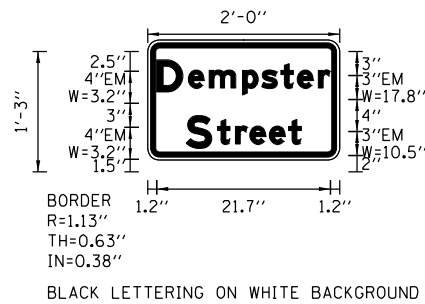
**PROPOSED SIGNING LEGEND**

- [STOP] R1-1-3636
- [ONE WAY] R6-2R-3036 [P-TSP-28]
- [ONE WAY] R1-1-3636
- [ONE WAY] R6-2R-3036 [P-TSP-29]
- [ONE WAY] R6-2R-3036 [P-TSP-30]
- [ONLY] R3-5-3036 [P-TSP-31]
- [JCT] M2-1-3021
- [ILLINOIS 58] M1-1100-3636 [P-LP-32]
- [ILLINOIS 58] M1-1100-2424
- [M6-1L-2115] M6-1L-2115 [P-LP-33]

**SIGN CODE EXAMPLE**



**CUSTOM-01 SIGN DETAIL**



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DRAWN - RG	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**SIGNING PLANS**  
 SCALE: 1" = 20'    SHEET    OF    SHEETS    STA.    TO    STA.

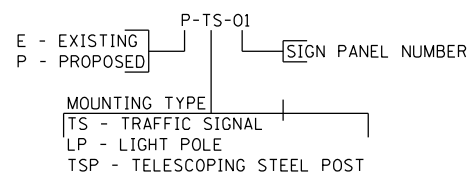
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 142
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



### SIGNING LEGEND

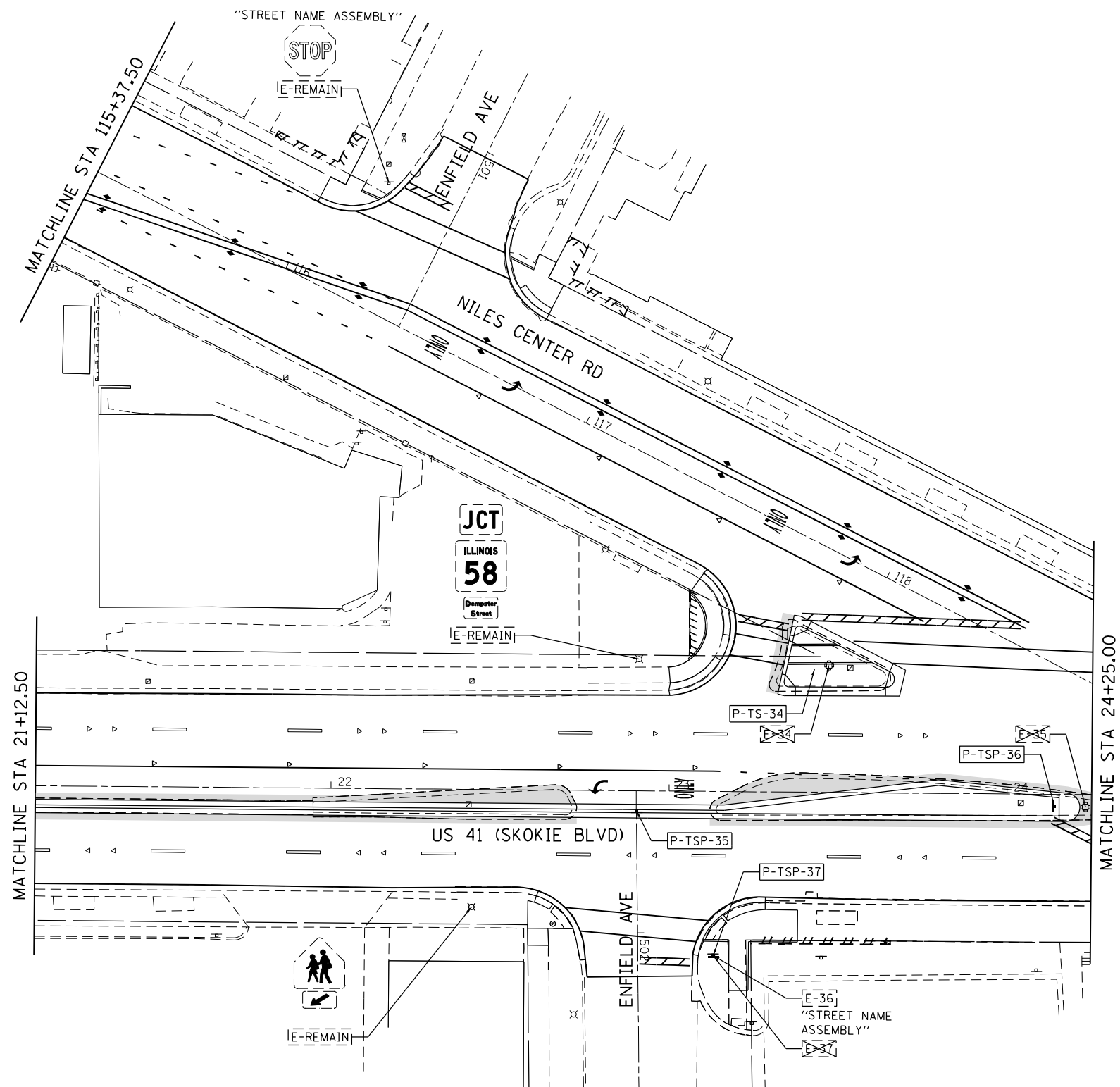
- EXISTING GROUND MOUNTED SIGN
- PROPOSED GROUND MOUNTED SIGN
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RELOCATED
- EXISTING SIGN TO BE REMOVED
- PROPOSED SIGN
- PROPOSED WIDENING

### SIGN CODE EXAMPLE



### PROPOSED SIGNING LEGEND

- M1-4-2424
- M6-4-2115
- P-TS-34
- R4-7-2430
- R6-2R-3036
- R6-2R-3036
- R1-1-3636
- P-TSP-35
- P-TSP-37



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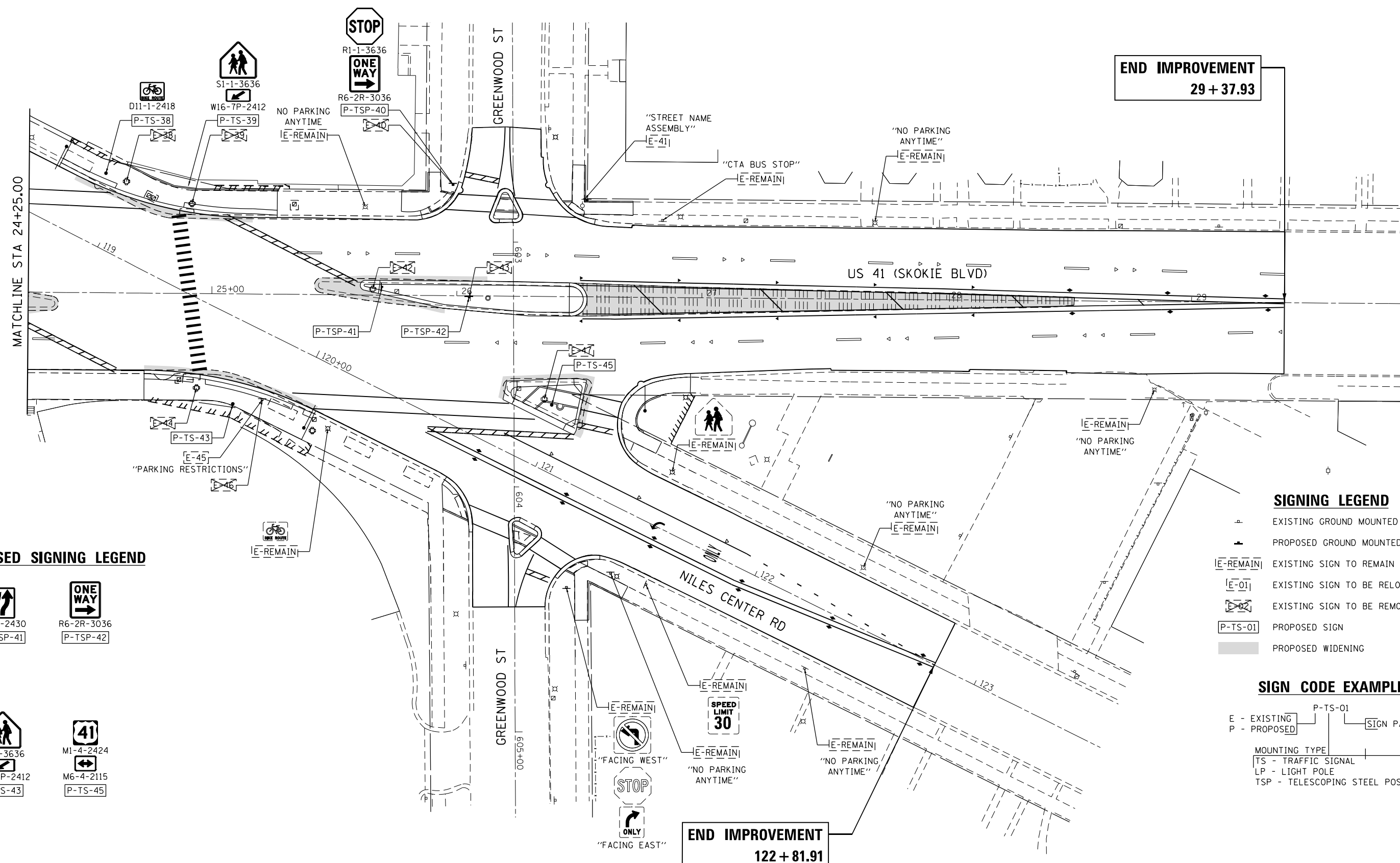
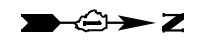
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DRAWN - RG	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISIONS -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

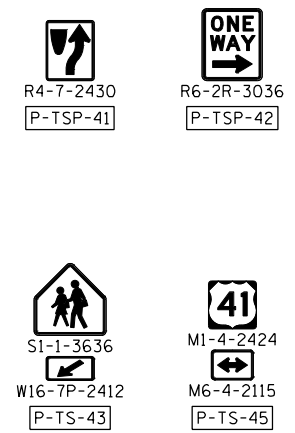
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
SIGNING PLANS**

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

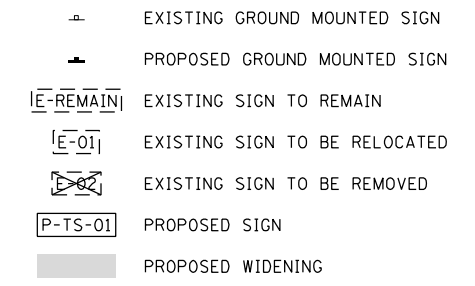
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	143
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



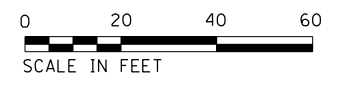
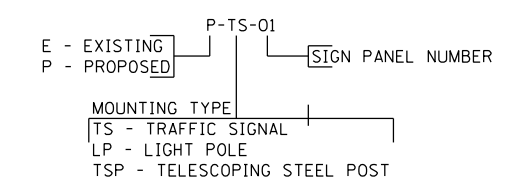
**PROPOSED SIGNING LEGEND**



**SIGNING LEGEND**



**SIGN CODE EXAMPLE**



Default: FILE NAME = Z:\17002\03\_IDOT\_D1\_M03\_IL\_58\_at\_NSC\_end\_IL\_41\DDA\Design\Prelim\Plot\shhets\0162633-shr-sup-06.dgn

USER NAME = RG011	DESIGNED - RG	REVISED -
DRAWN - RG	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISED -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**SIGNING PLANS**

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

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 144
				CONTRACT NO. 62633
ILLINOIS FED. AID PROJECT				

# TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

TS SHT NO. 1

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

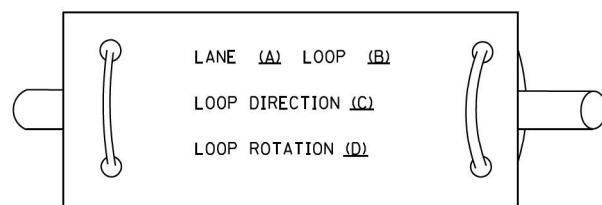
<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET 1 OF 7 SHEETS	STA. _____	TO STA. _____

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 145
<b>TS-05</b>			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

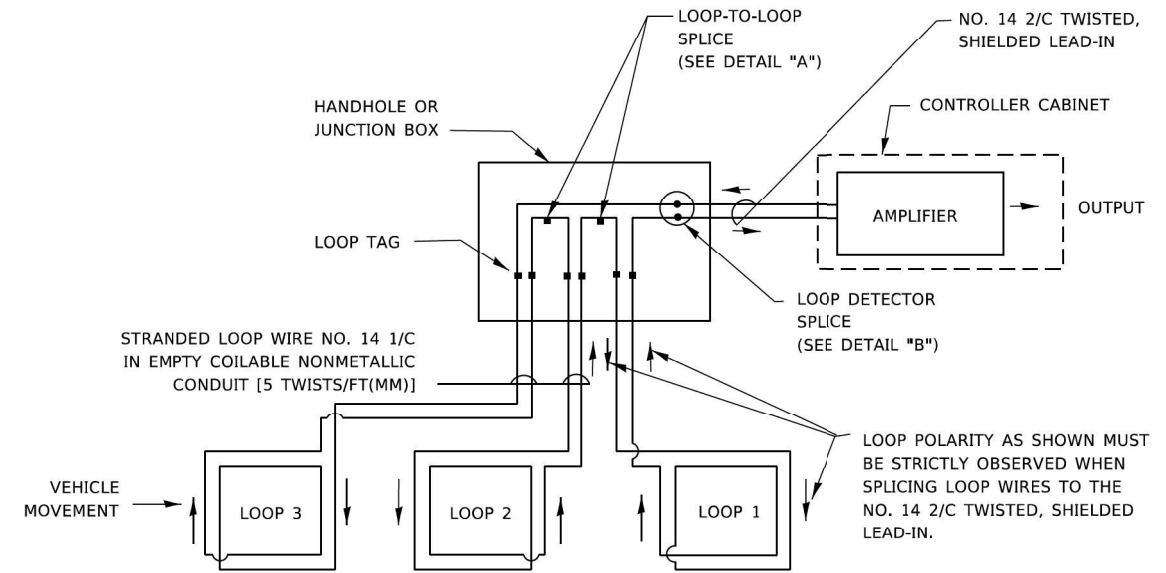
**LOOP DETECTOR NOTES**

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

**LOOP LEAD-IN CABLE TAG**

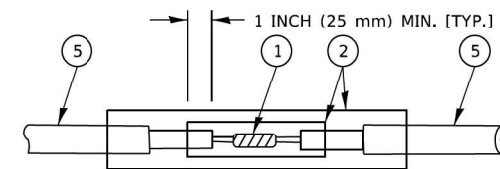


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

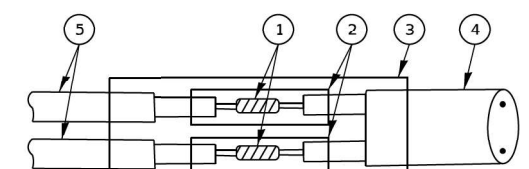


**DETECTOR LOOP WIRING SCHEMATIC**

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

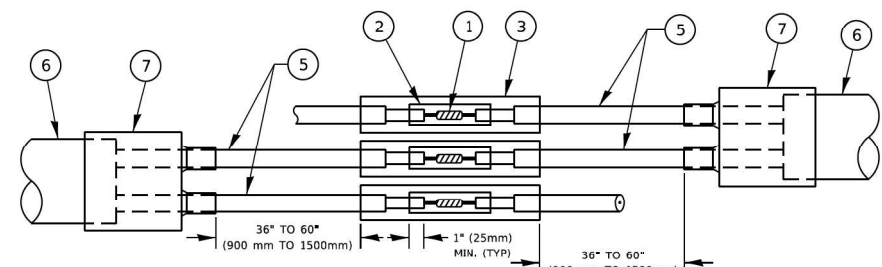


DETAIL "A"  
LOOP-TO-LOOP SPLICE

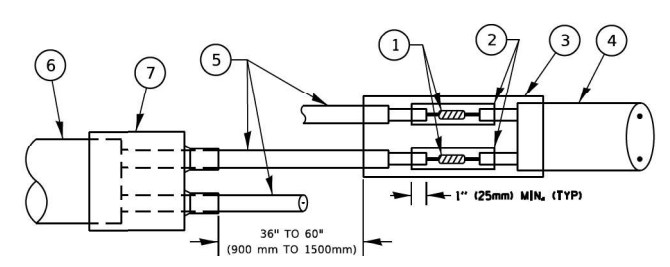


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

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

TS SHT NO. 2

MODEL: Proposed  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

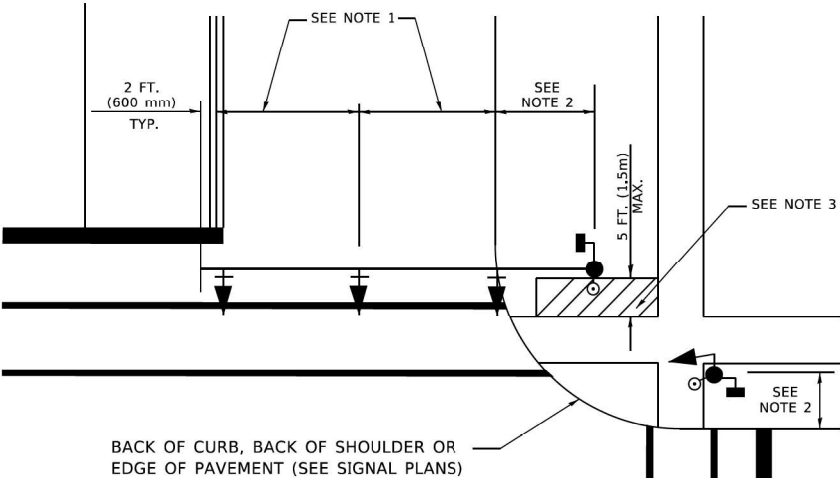
DISTRICT ONE  
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 146
TS-05			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

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

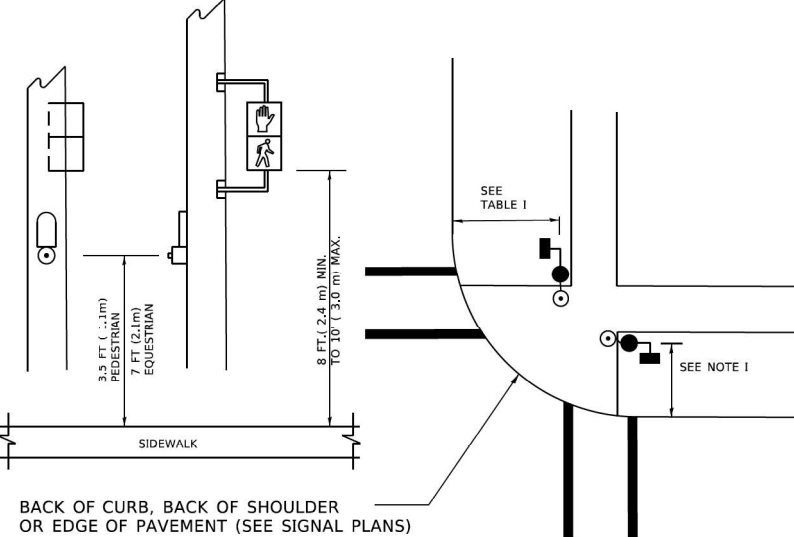


**NOTES:**

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

**PEDESTRIAN SIGNAL POST AND PEDESTRIAN SIGNAL POST**

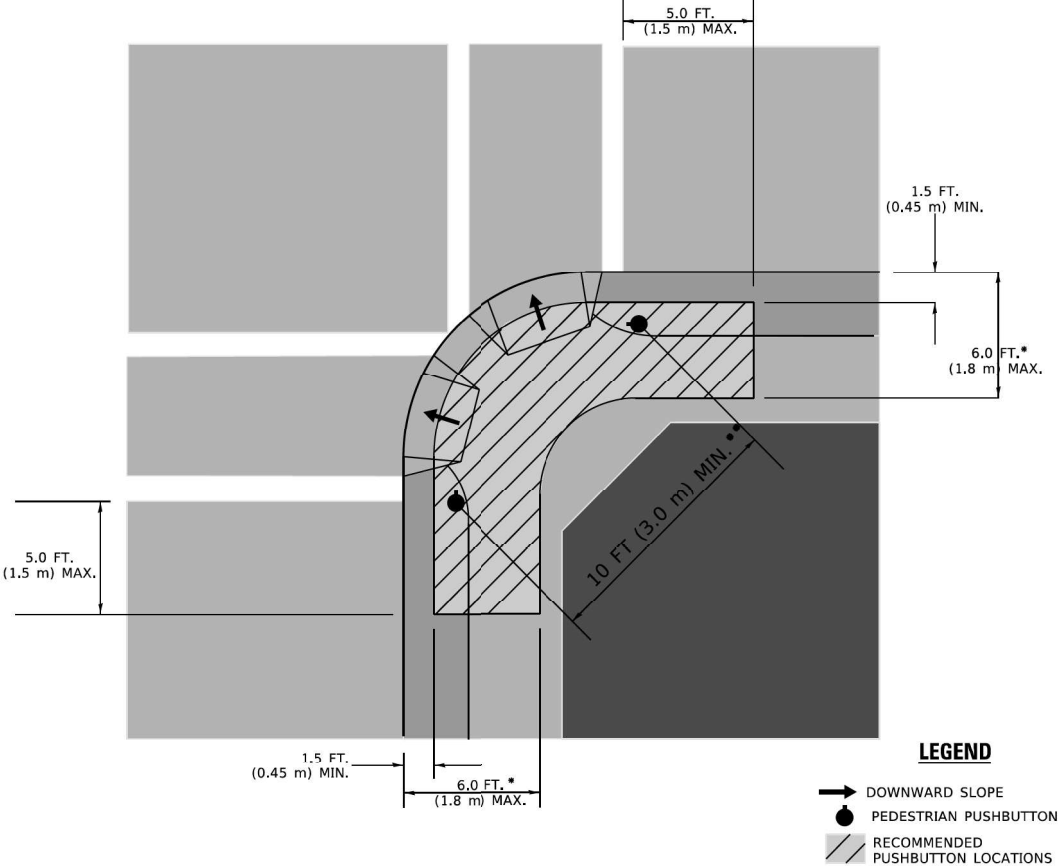
AND PEDESTRIAN SIGNAL POST AND PEDESTRIAN SIGNAL POST



**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 (1.3m), 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 (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

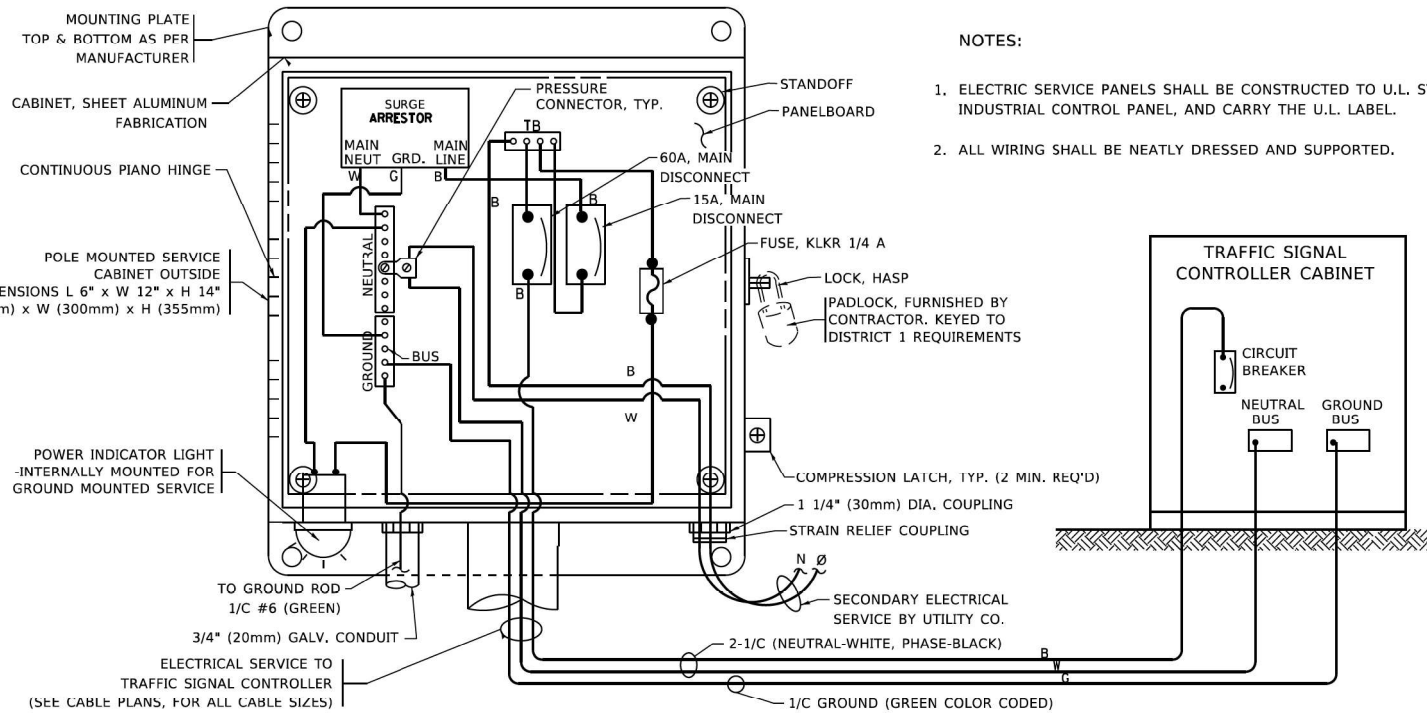
**NOTES:**

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

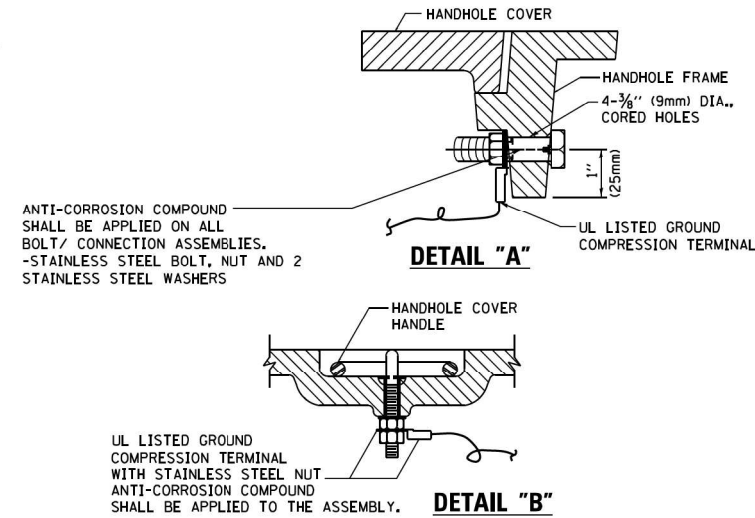
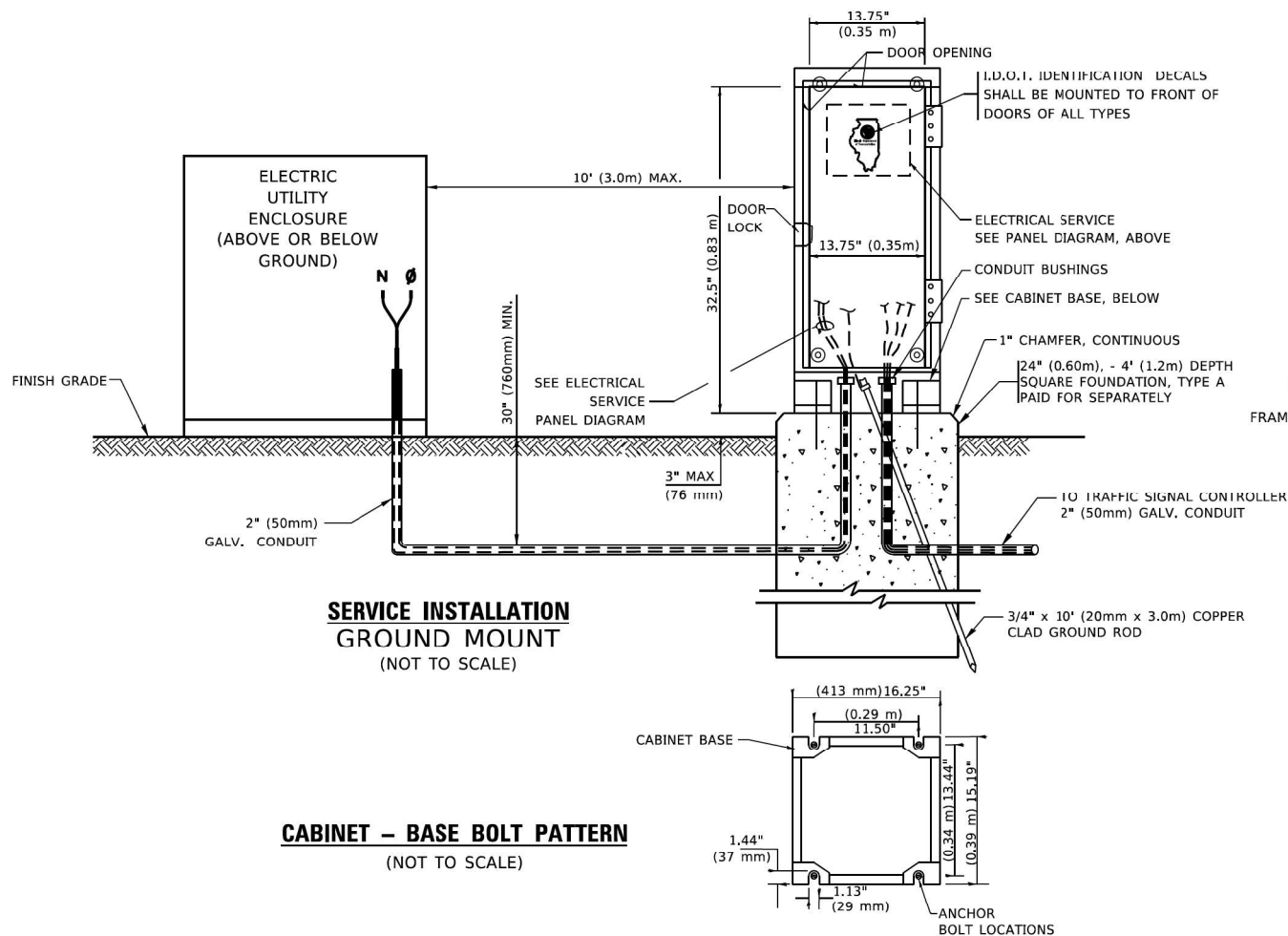
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	DRAWN -	REVISD -	<b>DEPARTMENT OF TRANSPORTATION</b>		<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		377	2003-065N	COOK	220	147
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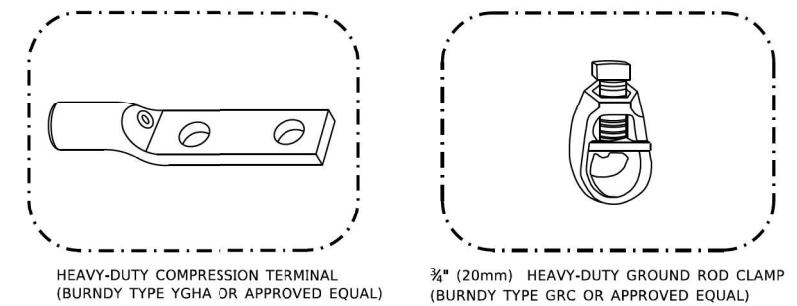
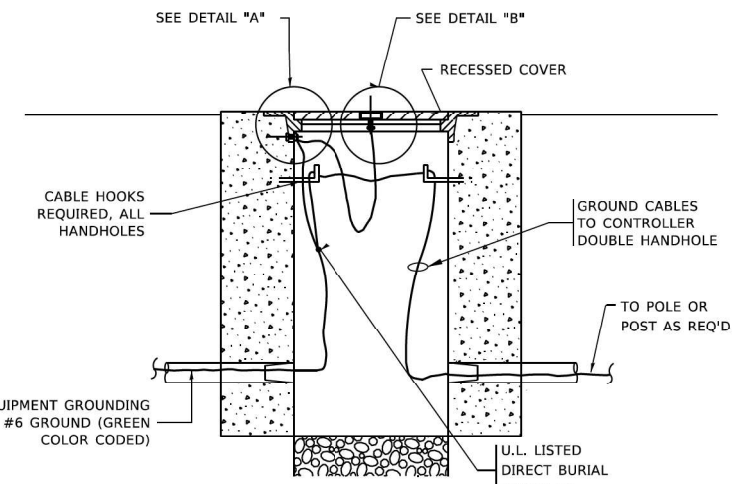


**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



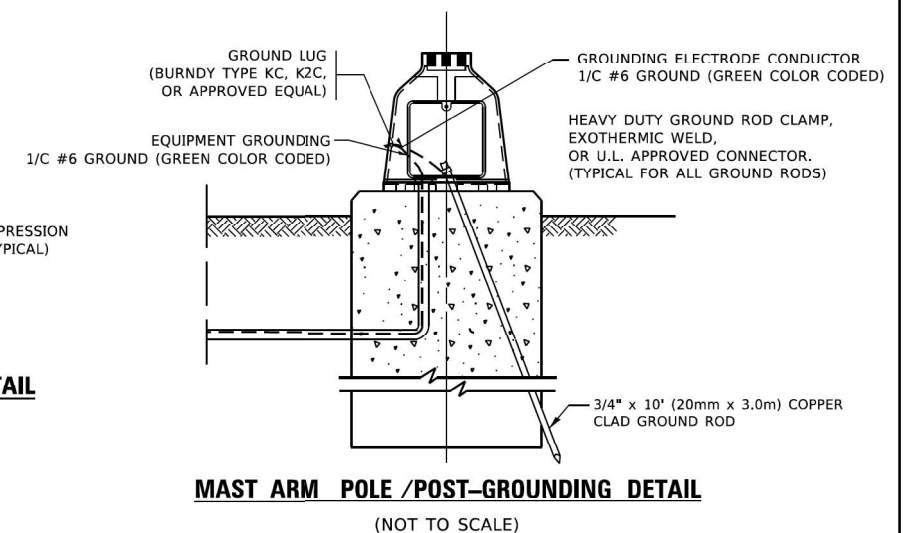
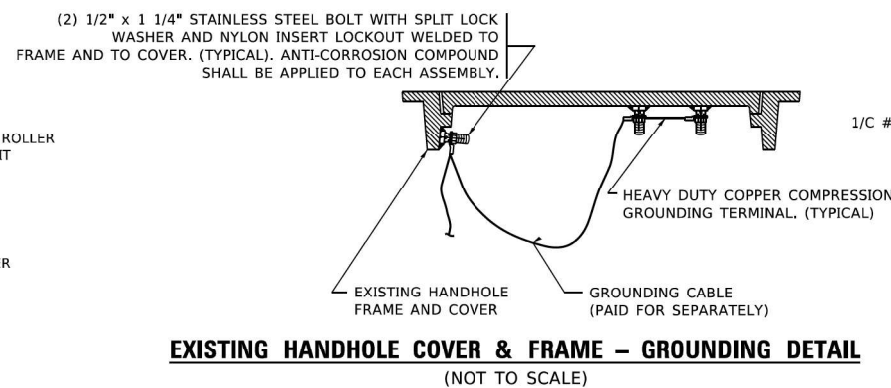
**NOTES:**  
**GROUNDING SYSTEM**

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



**NOTES:**

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



TS SHT NO. 4

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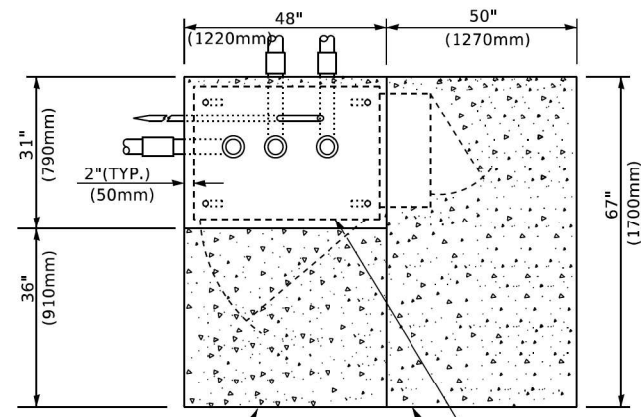
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

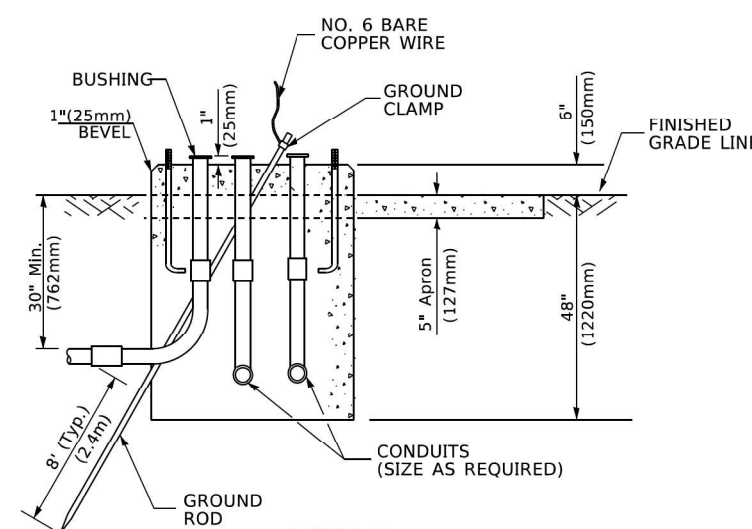
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<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
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F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 148
<b>TS-05</b>		CONTRACT NO. 62633		
ILLINOIS FED. AID PROJECT				

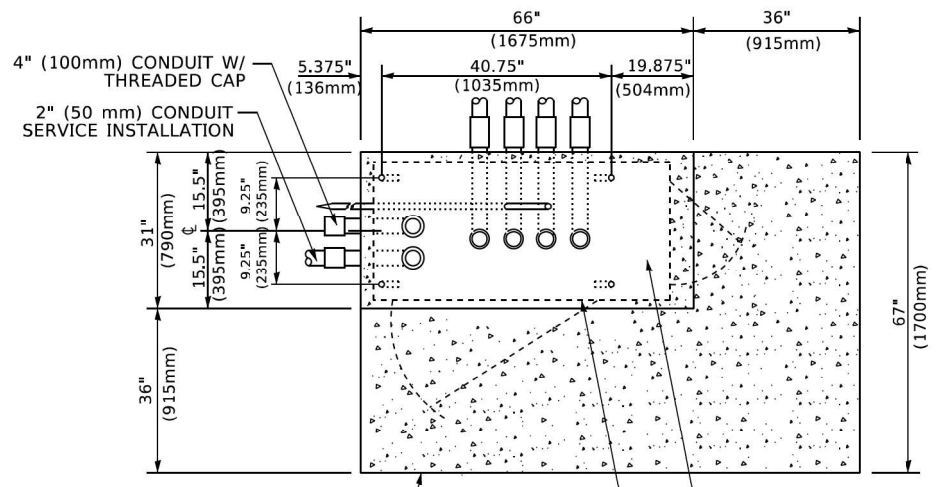




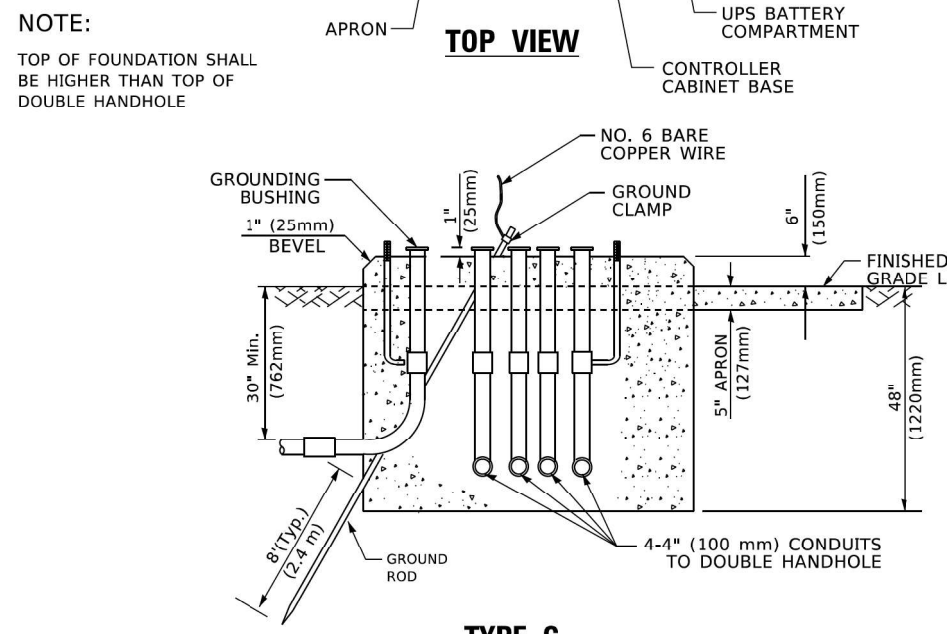
**TOP VIEW**



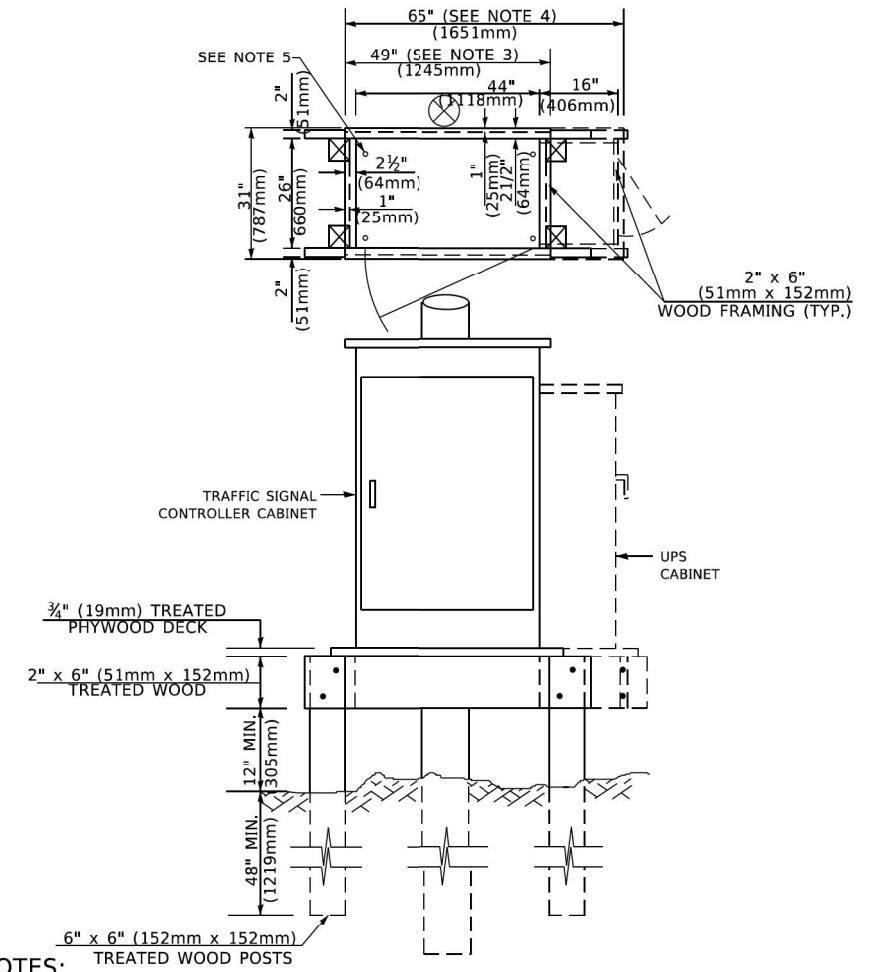
**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



**TOP VIEW**



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



**NOTES:**

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

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

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

**CABLE SLACK**

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

**VERTICAL CABLE LENGTH**

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

**DEPTH OF FOUNDATION**

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

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

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

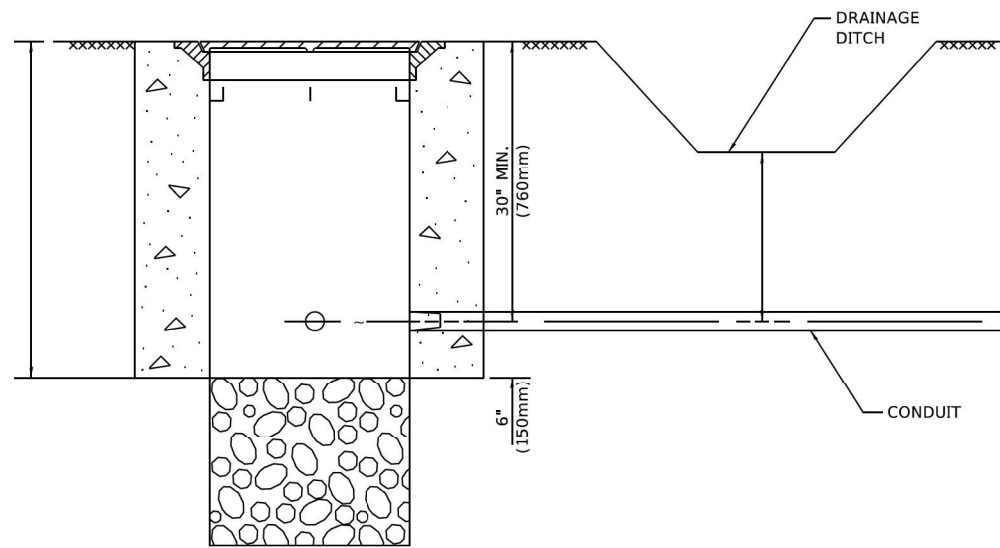
TS SHT NO. 5

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	DRAWN -	REVISED -
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PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

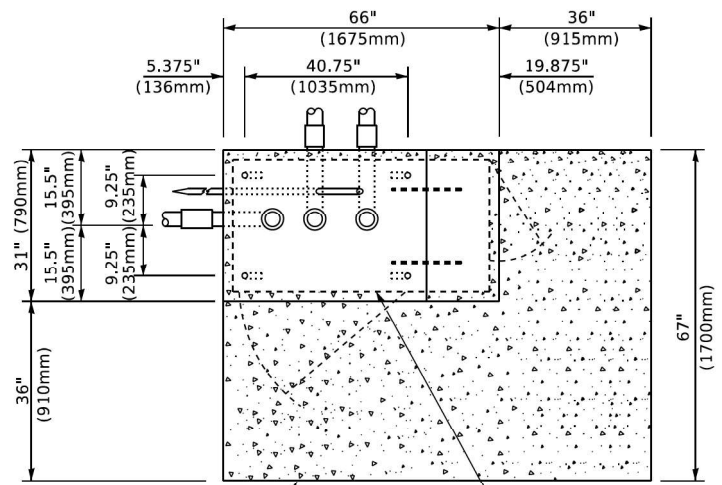
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DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				TS-05		CONTRACT NO. 62633		
				ILLINOIS		FED. AID PROJECT		



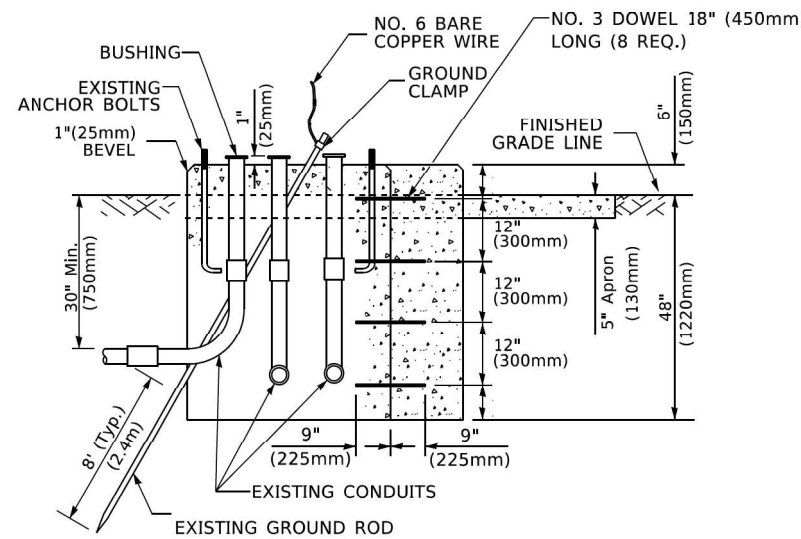
**NOTES:**

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)



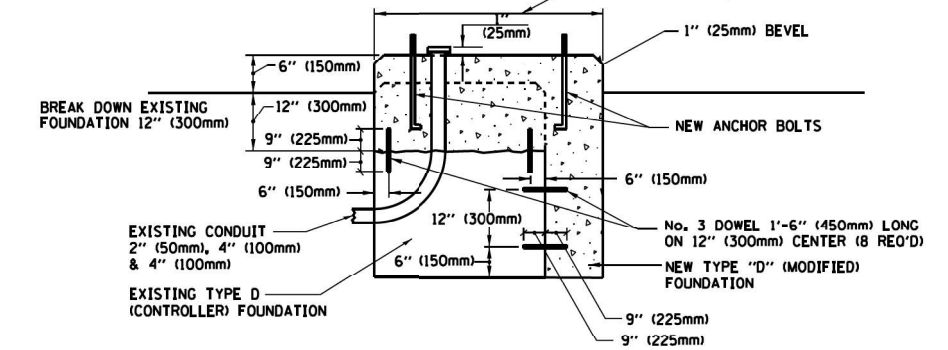
**TOP VIEW**  
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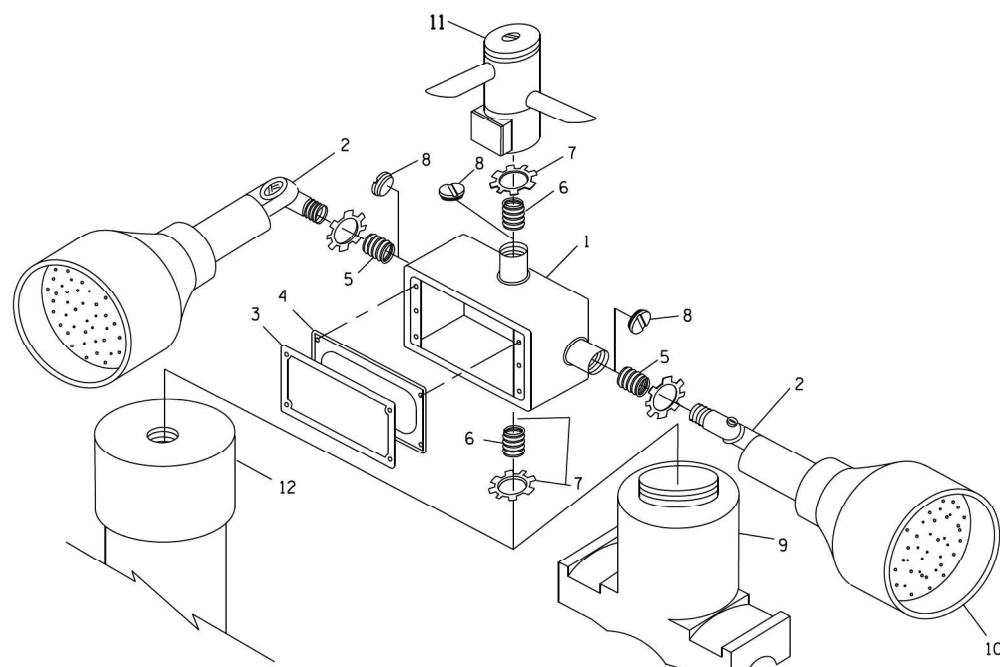
**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

**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**

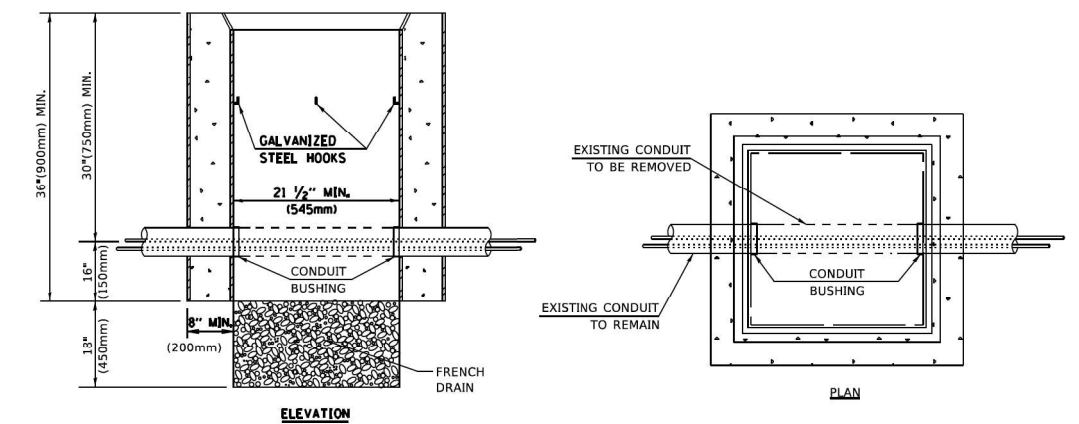


**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**

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

**NOTES:**

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



**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**

TS SHT NO. 6

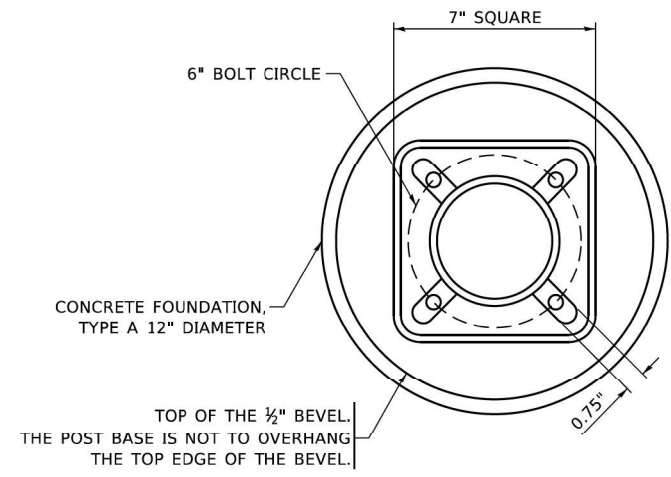
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	DRAWN -	REVISED -
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PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

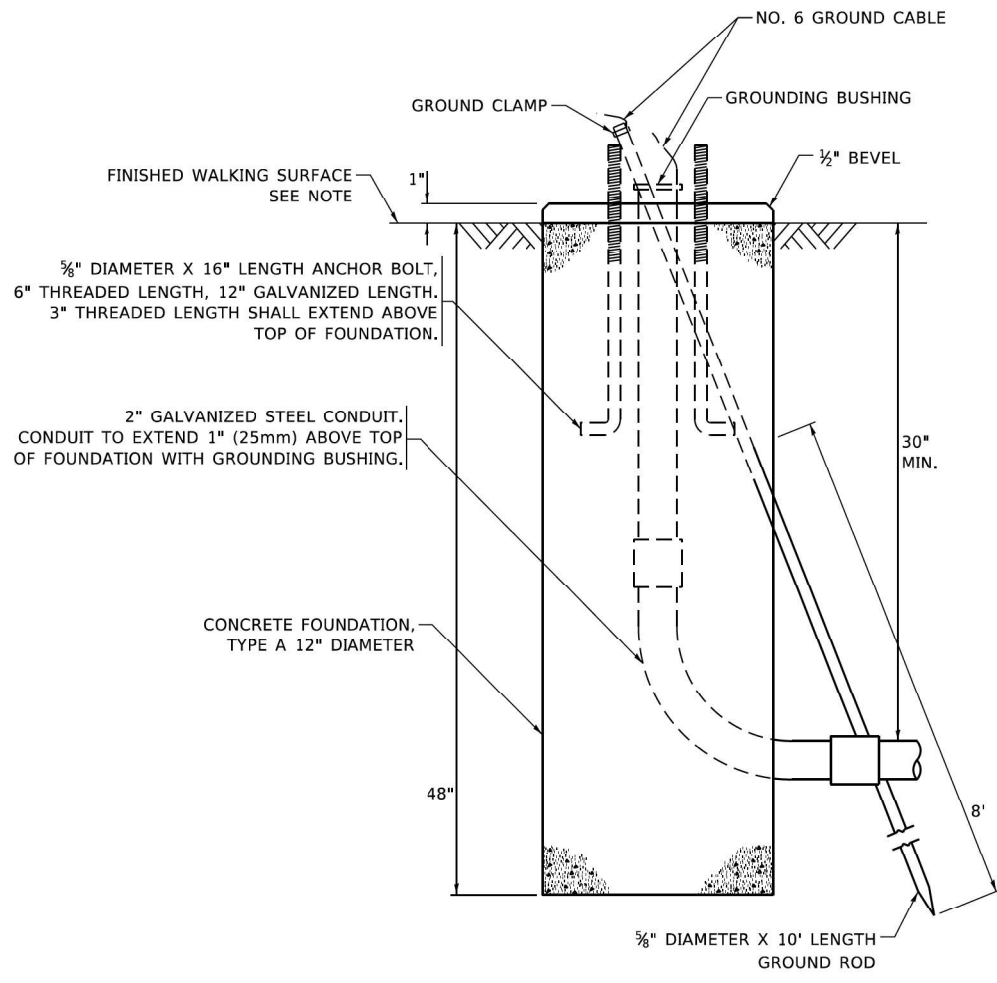
<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 150
<b>TS-05</b>		CONTRACT NO. 62633		
ILLINOIS FED. AID PROJECT				

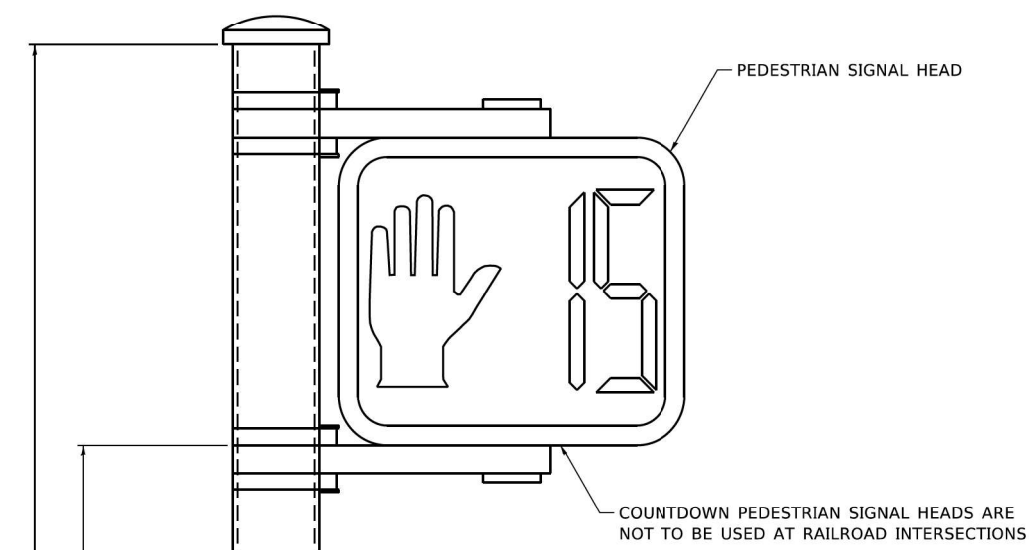


**BOLT PATTERN**

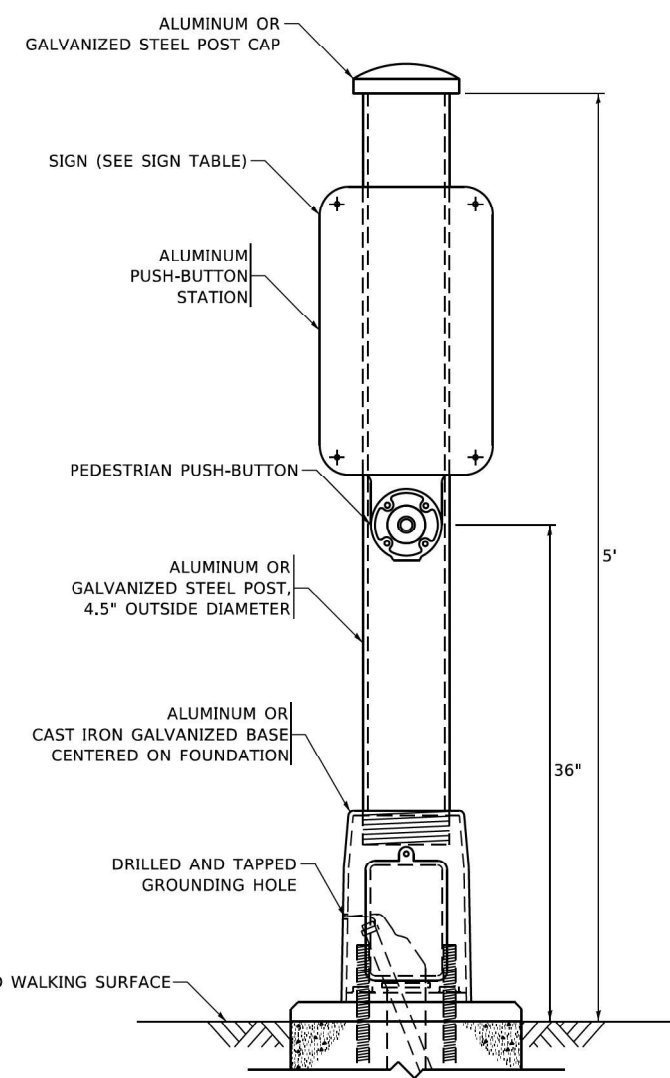
**NOTE:**  
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



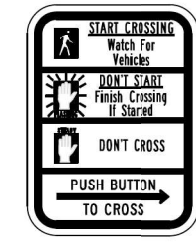
**CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER**



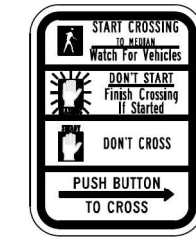
**PEDESTRIAN SIGNAL POST, 10 FT.**



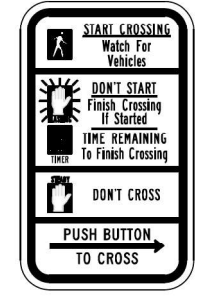
**PEDESTRIAN SIGNAL POST, 5 FT.**



**R10-3b**



**R10-3d**



**R10-3e**

**SIGN TABLE**

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

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

TS SHT NO. 7

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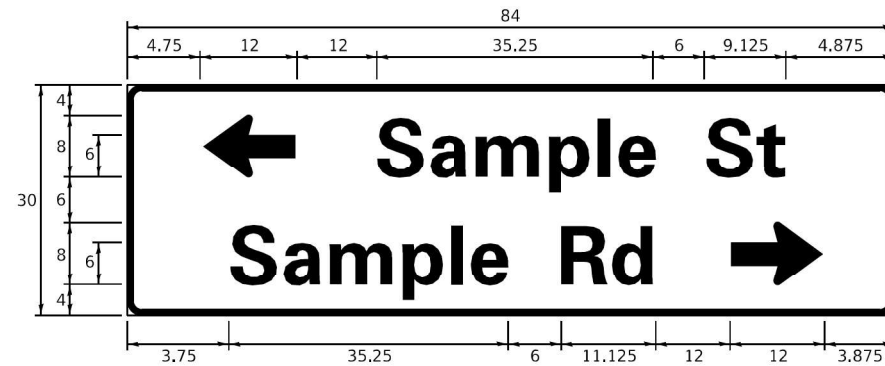
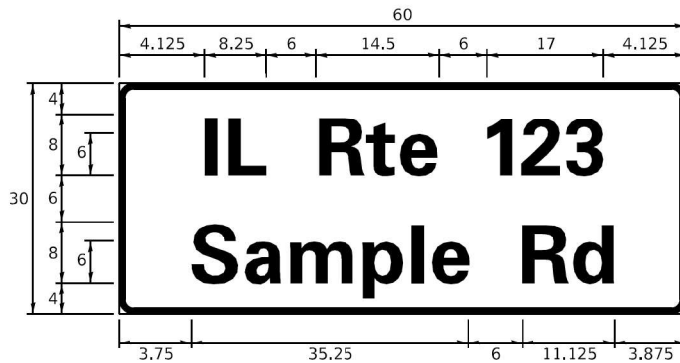
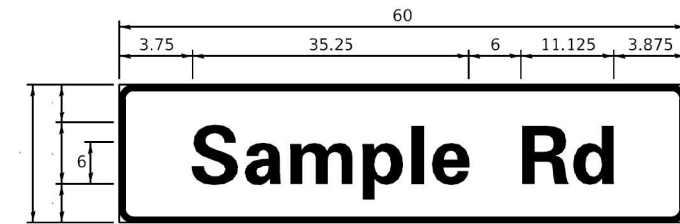
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 151
<b>TS-05</b>		CONTRACT NO. 62633		
ILLINOIS FED. AID PROJECT				

**SIGN PANEL – TYPE 1 OR TYPE 2**



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

**COMMON STREET NAME ABBREVIATIONS AND WIDTHS**

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

**GENERAL NOTES**

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

**LOCAL SUPPLIERS:**

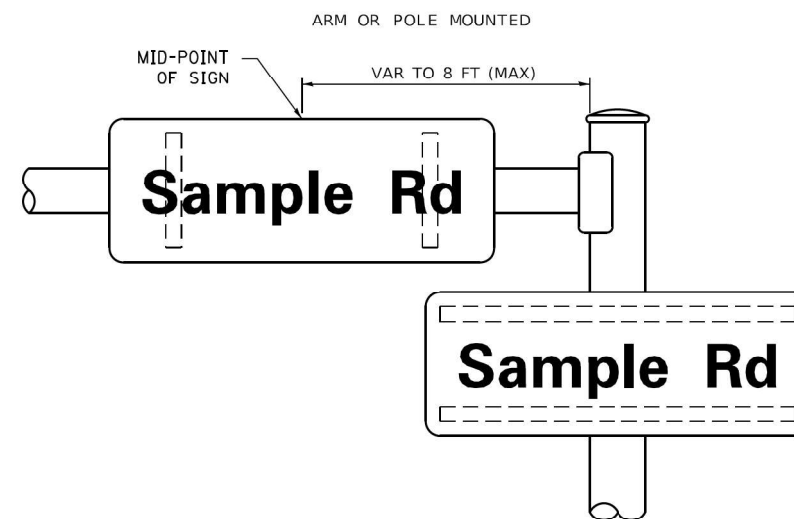
- J.O. HERBERT COMPANY, INC  
MIDLOTHIAN, VA
- WESTERN REMAC, INC.  
WOODRIDGE, IL

**PARTS LISTING:**

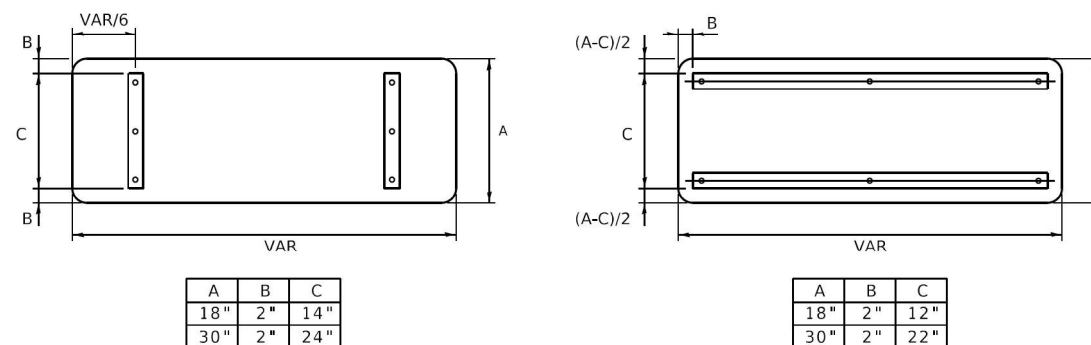
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

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**



**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	4.432	0.480	B	0.960	5.446	0.400
C	0.720	4.432	0.720	C	0.800	5.446	0.800
D	0.880	4.432	0.720	D	0.960	5.446	0.800
E	0.880	4.032	0.480	E	0.960	4.962	0.400
F	0.880	4.032	0.240	F	0.960	4.962	0.240
G	0.720	4.432	0.720	G	0.800	5.446	0.800
H	0.880	4.432	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	4.032	0.880	J	0.240	5.122	0.960
K	0.880	4.432	0.480	K	0.960	5.604	0.400
L	0.880	4.032	0.240	L	0.960	4.962	0.240
M	0.880	5.234	0.880	M	0.960	6.244	0.960
N	0.880	4.432	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	4.432	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	4.432	0.480	R	0.960	5.446	0.400
S	0.480	4.432	0.480	S	0.400	5.446	0.400
T	0.240	4.032	0.240	T	0.240	4.962	0.240
U	0.880	4.432	0.880	U	0.960	5.446	0.960
V	0.240	4.952	0.240	V	0.240	6.084	0.240
W	0.240	6.034	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	4.432	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	4.032	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	4.032	0.720	d	0.480	4.802	0.800
e	0.480	4.032	0.320	e	0.480	4.722	0.320
f	0.320	2.430	0.160	f	0.320	2.882	0.160
g	0.480	4.032	0.720	g	0.480	4.802	0.800
h	0.720	4.032	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	4.032	0.640	n	0.800	4.722	0.720
o	0.480	4.032	0.480	o	0.480	4.882	0.480
p	0.720	4.032	0.480	p	0.800	4.802	0.480
q	0.480	4.032	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.352	0.240	s	0.320	3.762	0.240
t	0.080	2.832	0.080	t	0.080	3.202	0.080
u	0.640	4.032	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.952	0.160	y	0.160	6.004	0.160
z	0.240	3.352	0.240	z	0.240	4.002	0.240
1	0.720	1.630	0.880	1	0.800	2.000	0.960
2	0.480	4.432	0.480	2	0.800	5.446	0.800
3	0.480	4.432	0.480	3	1.440	5.446	0.800
4	0.240	4.952	0.720	4	0.160	6.004	0.960
5	0.480	4.432	0.480	5	0.800	5.446	0.800
6	0.720	4.432	0.720	6	0.800	5.446	0.800
7	0.240	4.432	0.720	7	0.560	5.446	0.560
8	0.480	4.432	0.480	8	0.800	5.446	0.800
9	0.480	4.432	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

TS SHT NO. 8

MODEL Proposed  
FILE NAME: S:\p\Design\162633\_ILRteSign\Center\Design\TS-Submittal\Revisions\162633-28-21\62633-28-21.dgn

USER NAME = plascencia	DESIGNED - LP/IP	REVISED - LP 07/01/2015
PLOT SCALE = 100.0000' / in.	DRAWN - LP	REVISED -
PLOT DATE = 1/28/2021	CHECKED - IP	REVISED -
	DATE - 10/01/2014	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 152
TS-02		CONTRACT NO. 62633		
ILLINOIS FED. AID PROJECT				

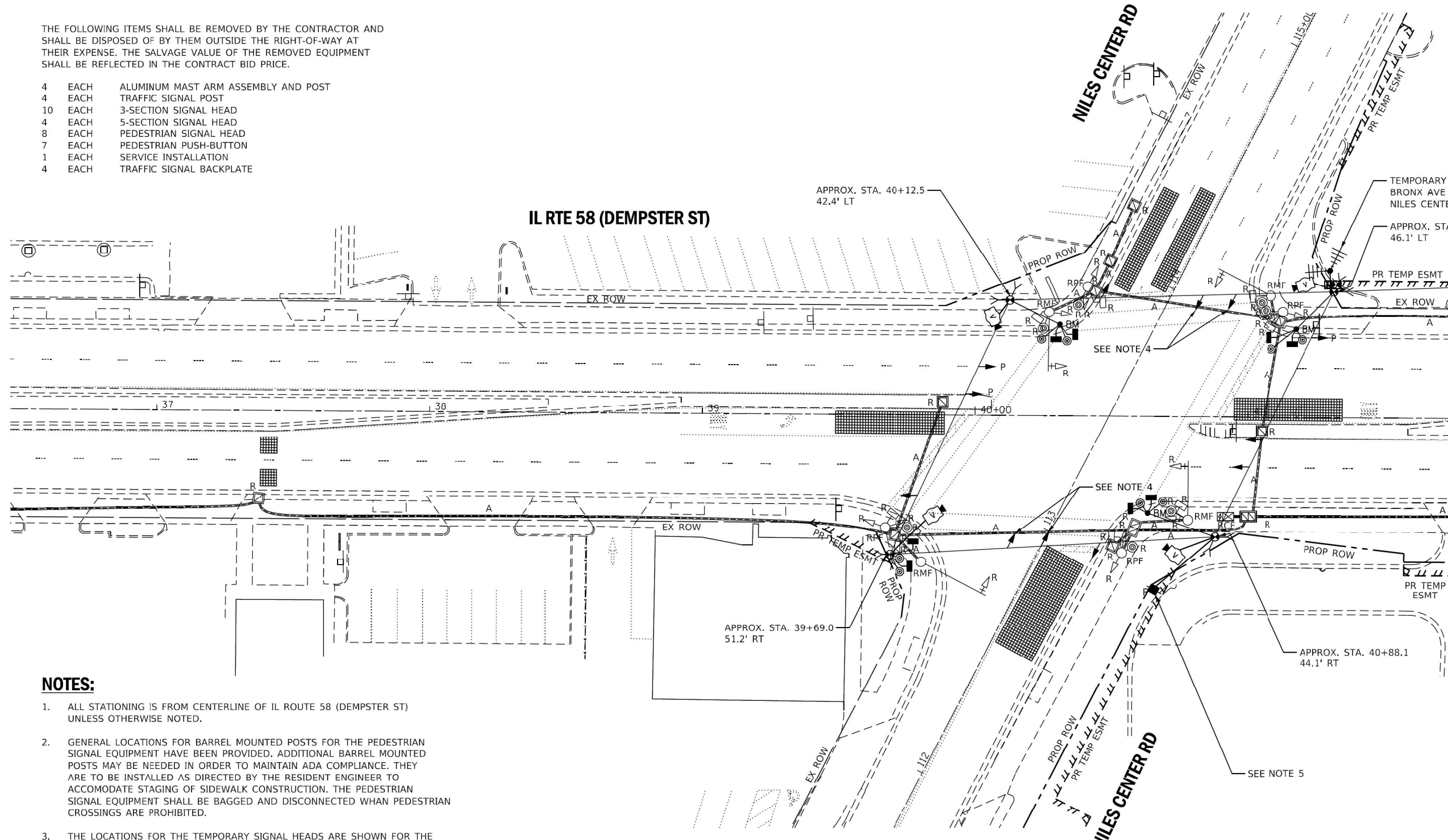
**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT SPARE PARTS FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 1 EACH MASTER CONTROLLER
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 4 EACH ALUMINUM MAST ARM ASSEMBLY AND POST
- 4 EACH TRAFFIC SIGNAL POST
- 10 EACH 3-SECTION SIGNAL HEAD
- 4 EACH 5-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 7 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE



**NOTES:**

1. ALL STATIONING IS FROM CENTERLINE OF IL ROUTE 58 (DEMPSTER ST) UNLESS OTHERWISE NOTED.
2. GENERAL LOCATIONS FOR BARREL MOUNTED POSTS FOR THE PEDESTRIAN SIGNAL EQUIPMENT HAVE BEEN PROVIDED. ADDITIONAL BARREL MOUNTED POSTS MAY BE NEEDED IN ORDER TO MAINTAIN ADA COMPLIANCE. THEY ARE TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER TO ACCOMMODATE STAGING OF SIDEWALK CONSTRUCTION. THE PEDESTRIAN SIGNAL EQUIPMENT SHALL BE BAGGED AND DISCONNECTED WHEN PEDESTRIAN CROSSINGS ARE PROHIBITED.
3. THE LOCATIONS FOR THE TEMPORARY SIGNAL HEADS ARE SHOWN FOR THE PRE-STAGE CONDITION. THE TEMPORARY SIGNAL HEADS SHALL BE RELOCATED TO MATCH THE LANE LINES PER MOT PLANS.
4. LEFT TURN SIGNAL INDICATIONS SHALL BE BAGGED AND DISCONNECTED UNTIL THE LEFT TURN LANES ARE CONSTRUCTED AND OPERATIONAL.
5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE SERVICE DROP.

TS SHT NO. 9



MATCHLINE STA 41+75  
SEE TS SHT NO. 10

**TS 2820  
ECON 17**



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 8/13/2019	DATE - 8-12-2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION & REMOVAL PLAN  
IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD**

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 153
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\pww1.dtc\corp.com\DLZ\Documents\Projects\2019\114812\109\114012 IL 58 at Niles Center and US 41\LAUJ\_sheets\int-1-sht-ts-plan-temp.dgn

**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT SPARE PARTS FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

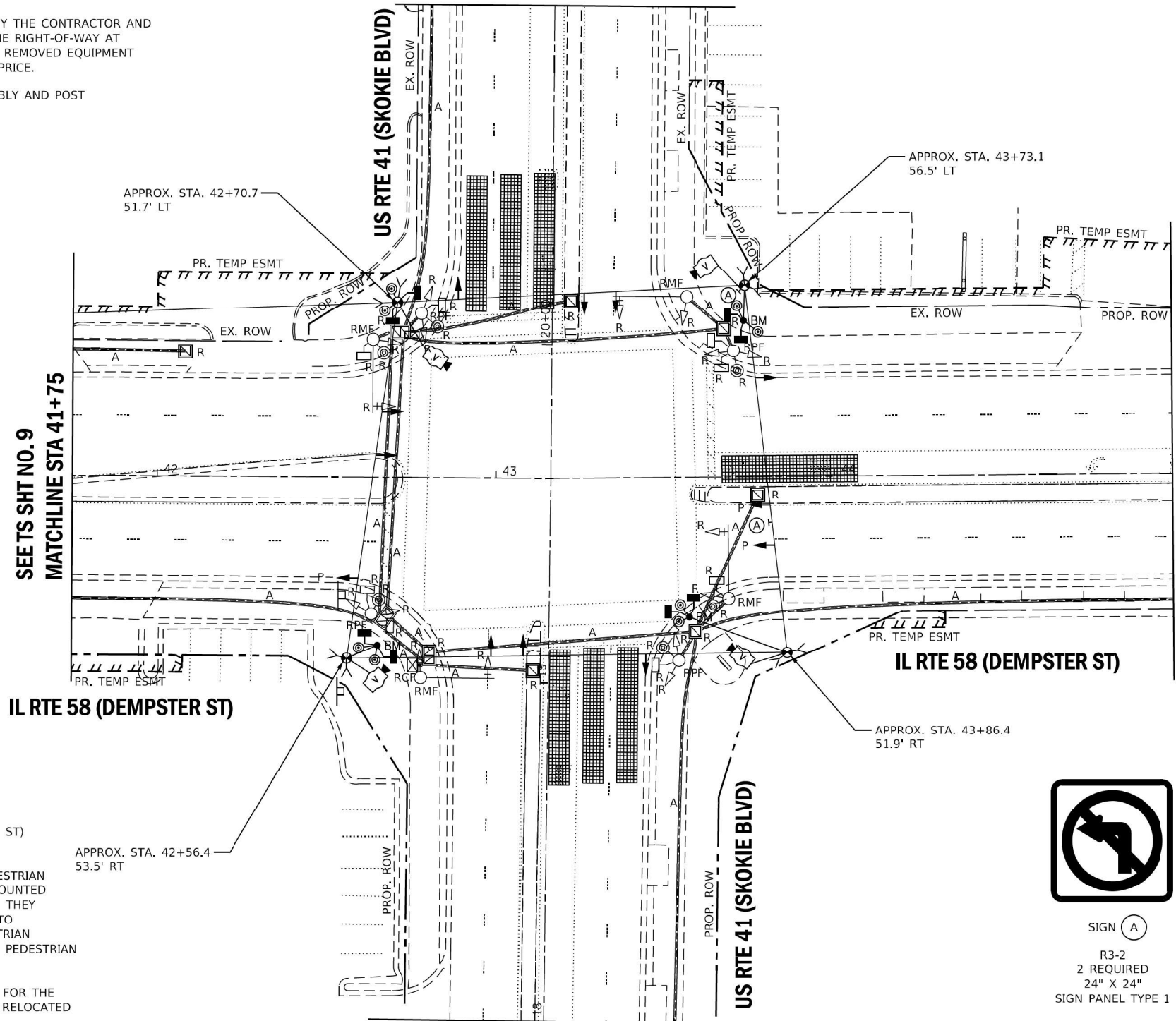
- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 4 EACH ALUMINUM MAST ARM ASSEMBLY AND POST
- 4 EACH TRAFFIC SIGNAL POST
- 10 EACH 3 - SECTION SIGNAL HEAD
- 6 EACH 5 - SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 6 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE



SEE TS SHT NO. 11  
MATCHLINE STA STA 21+00



SEE TS SHT NO. 9  
MATCHLINE STA 41+75

MATCHLINE STA 45+00  
SEE TS SHT NO. 11

MATCHLINE STA STA 18+00  
SEE TS SHT NO. 11

**NOTES:**

1. ALL STATIONING IS FROM CENTERLINE OF IL ROUTE 58 (DEMPSTER ST) UNLESS OTHERWISE NOTED.
2. GENERAL LOCATIONS FOR BARREL MOUNTED POSTS FOR THE PEDESTRIAN SIGNAL EQUIPMENT HAVE BEEN PROVIDED. ADDITIONAL BARREL MOUNTED POSTS MAY BE NEEDED IN ORDER TO MAINTAIN ADA COMPLIANCE. THEY ARE TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER TO ACCOMMODATE STAGING OF SIDEWALK CONSTRUCTION. THE PEDESTRIAN SIGNAL EQUIPMENT SHALL BE BAGGED AND DISCONNECTED WHEN PEDESTRIAN CROSSINGS ARE PROHIBITED.
3. THE LOCATIONS FOR THE TEMPORARY SIGNAL HEADS ARE SHOWN FOR THE PRE-STAGE CONDITION. THE TEMPORARY SIGNAL HEADS SHALL BE RELOCATED TO MATCH THE LANE LINES PER MOT PLANS.



SIGN (A)  
R3-2  
2 REQUIRED  
24" X 24"  
SIGN PANEL TYPE 1

TS SHT NO. 10

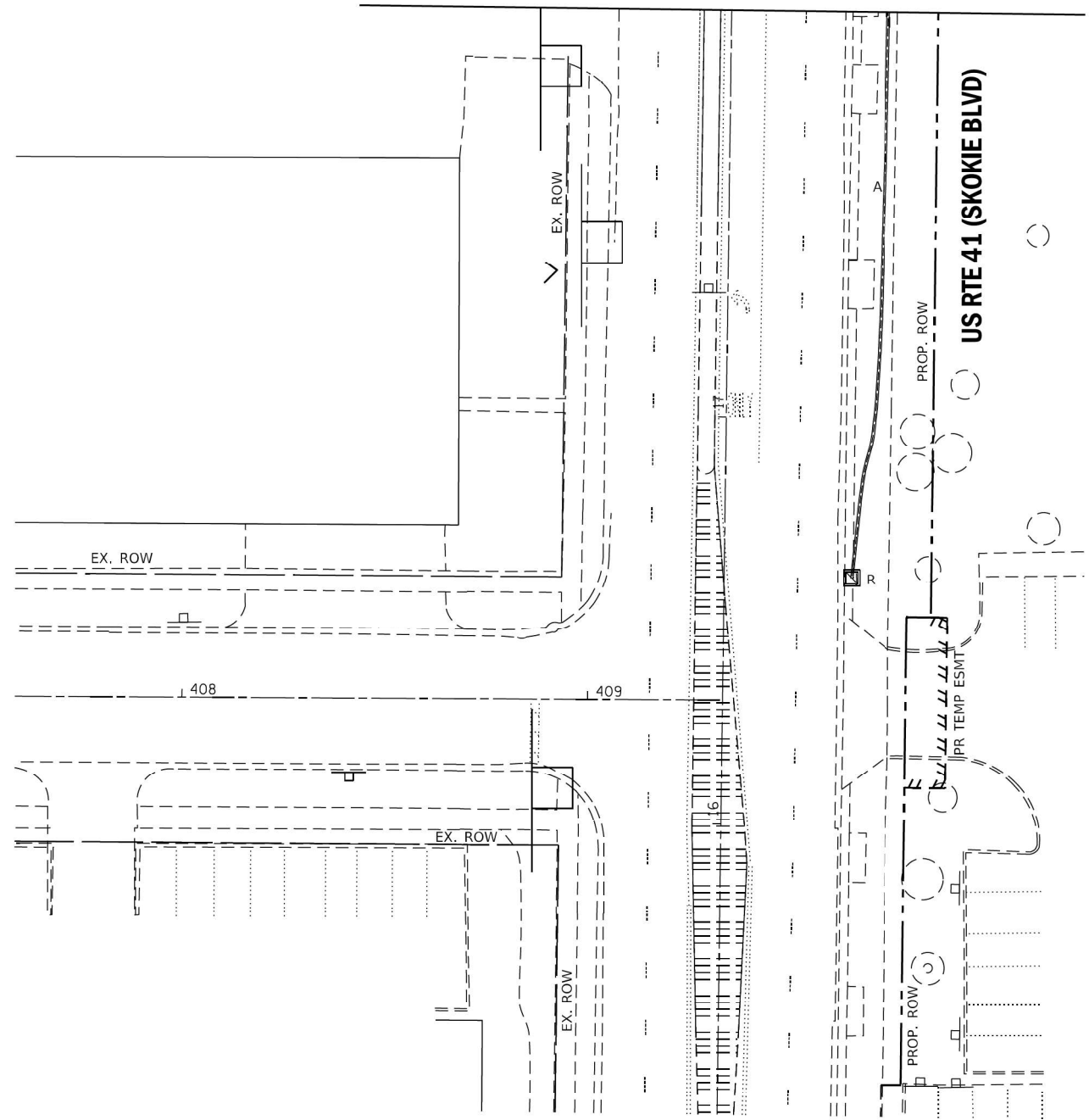
**TS 1490  
ECON 17**

	USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION & REMOVAL PLAN IL RTE 58 (DEMPSTER ST) AT US RTE 41 (SKOKIE BLVD)	F.A.P. RTE. = 377	SECTION = 2003-065N	COUNTY = COOK	TOTAL SHEETS = 220	SHEET NO. = 154
	PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -			SCALE: 1"=20'	SHEET 2 OF 8 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/13/2019	DATE = 8-12-2019	REVISED -							

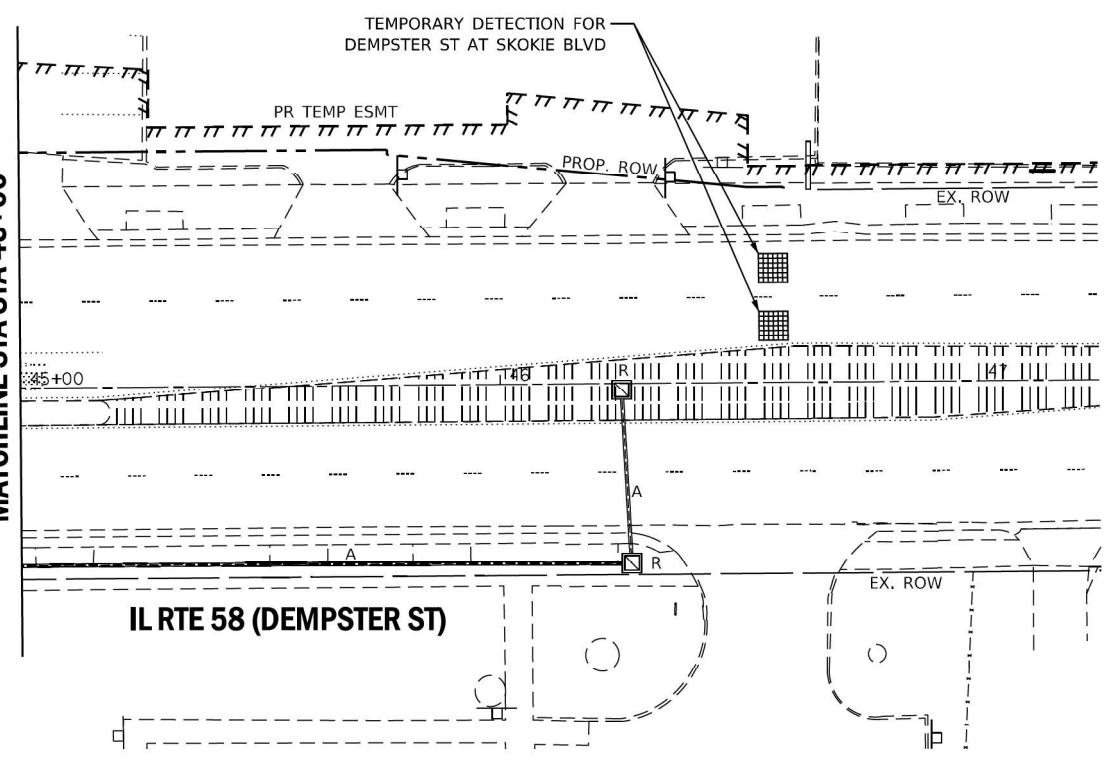
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Default

TS SHT NO. 11

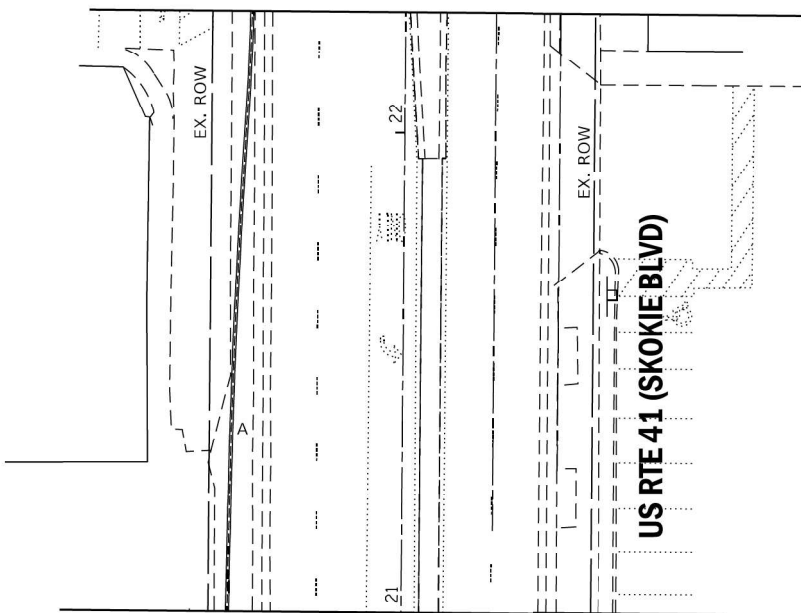
SEE TS SHT NO. 10  
MATCHLINE STA STA 18+00



SEE TS SHT NO. 10  
MATCHLINE STA STA 45+00



SEE TS SHT NO. 17  
MATCHLINE STA STA 22+25



MATCHLINE 21+00  
SEE TS SHT NO. 10



TS 1490  
ECON 17



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 8/13/2019	DATE - 8-12-2019	REVISED -

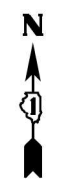
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION & REMOVAL PLAN  
IL 58 (DEMPSTER ST) AT US 41 (SKOKIE BLVD)

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 155
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

FILE NAME = p:\w\1\dlzcorp.com\DLZ\Documents\Projects\2014\14812\10911\4012 IL 58 at Niles Center and US 41\LAUJ\_sheets\int 2-sht-ts-plan-temp2.dgn  
Default



**IL RTE 58  
(DEMPSTER ST)**

**IL RTE 58  
(DEMPSTER ST)**

**NILES CENTER RD**

**US RTE 41  
(SKOKIE BLVD)**

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	24	11	50	132
(YELLOW)	24	20	5	24
(GREEN)	24	12	45	130
PERMISSIVE ARROW	28	10	10	28
PED. SIGNAL	16	20	100	230
CONTROLLER	2	100	100	200
UPS	1	25	100	25
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
PTZ CAMERA	-	75	100	-
<b>TOTAL =</b>				<b>919</b>

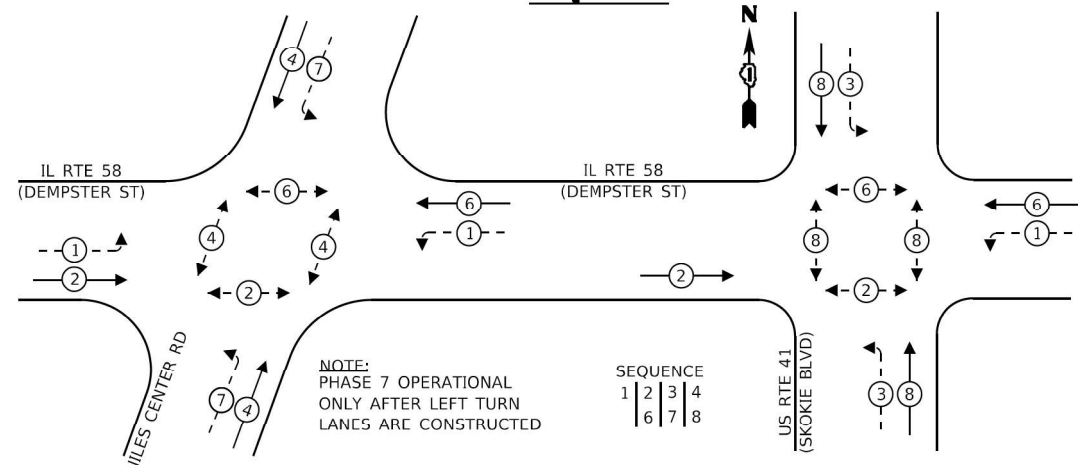
ENERGY COSTS TO:  
**Village of Skokie**  
 5127 OAKTON STREET  
 SKOKIE, IL 60077

ENERGY SUPPLY: CONTACT: MR. TERRI BLECK  
 PHONE: (847)-816-5239  
 COMPANY: COM-ED  
 ACCOUNT NUMBER: \_\_\_\_\_

- LEGEND:**
- ← ⊙ → PROTECTED PHASE
  - ← ⊙ ⊙ → PROTECTED/PERMITTED PHASE
  - ← ⊙ ⊙ ⊙ → PEDESTRIAN PHASE
  - ← ⊙ ⊙ ⊙ ⊙ → OVERLAP

**CABLE PLAN  
(NOT TO SCALE)**

**PROPOSED CONTROLLER SEQUENCE**



TS SHT NO. 12

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM  
IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD AND US RTE 41 (SKOKIE BLVD)

SCALE: NTS SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 156
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 8/13/2019	CHECKED - DW	REVISED -
	DATE - 8-12-2019	REVISED -

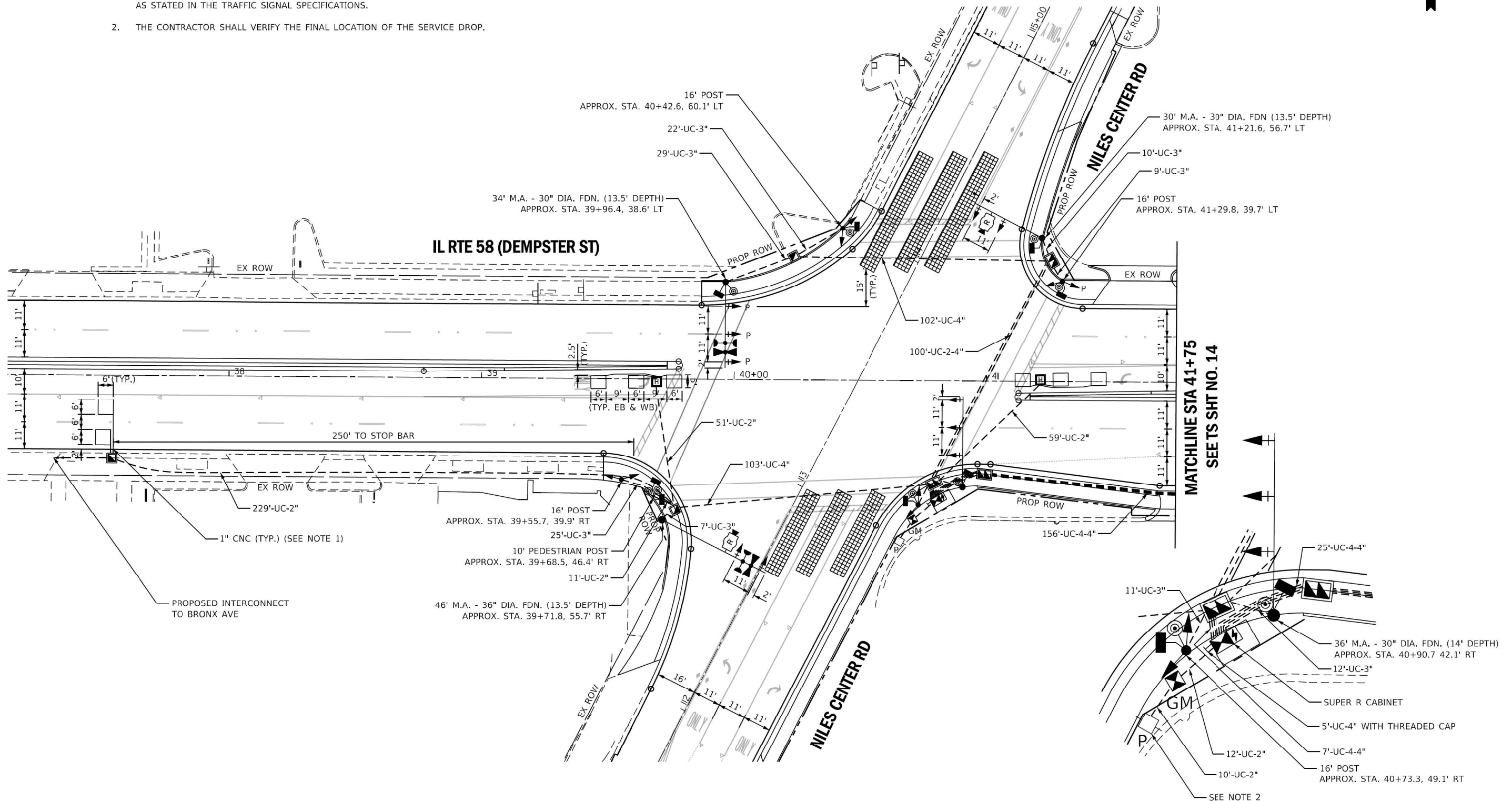
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**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY THE FINAL LOCATION OF THE SERVICE DROP.



**SOUTHEAST QUADRANT DETAIL**  
1"=10'

**TS 2820  
ECON 17**

TS SHT NO. 13



USER NAME = mszmelter	DESIGNED - ZH	REVISED - 2-20-2020
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/20/2020	DATE - 8-12-2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)</b>	
<b>IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD AND US RTE 41 (SKOKIE BLVD)</b>	
SCALE: 1"=20'	SHEET 5 OF 8 SHEETS STA. TO STA.

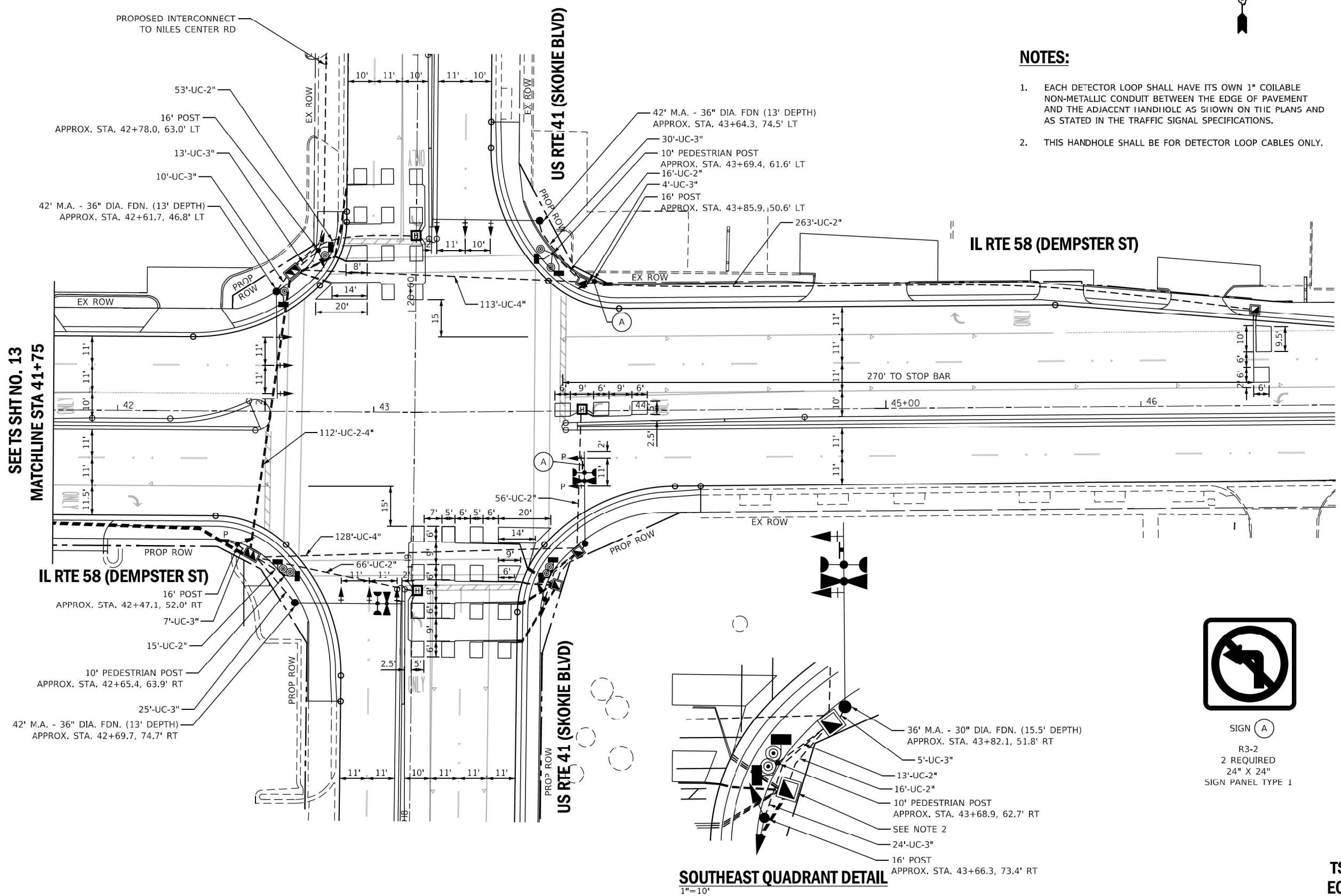
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 157
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

FILE NAME = X:\Projects\6112\14148\12\10900\17-012 IL 58 at Niles Center and US 41\ADU\_Sheets\17-012-1-sht-ts-plan.dgn  
Default



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THIS HANDHOLE SHALL BE FOR DETECTOR LOOP CABLES ONLY.



SEE TS SHT NO. 13  
MATCHLINE STA 41+75



SIGN (A)  
R3-2  
2 REQUIRED  
24" X 24"  
SIGN PANEL TYPE 1

**SOUTHEAST QUADRANT DETAIL**  
1"=10'

TS SHT NO. 14

TS 2820  
ECON 17



USER NAME = mzmelter	DESIGNED - ZH	REVISED - 2-20-2020
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/21/2020	DATE - 8-12-2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

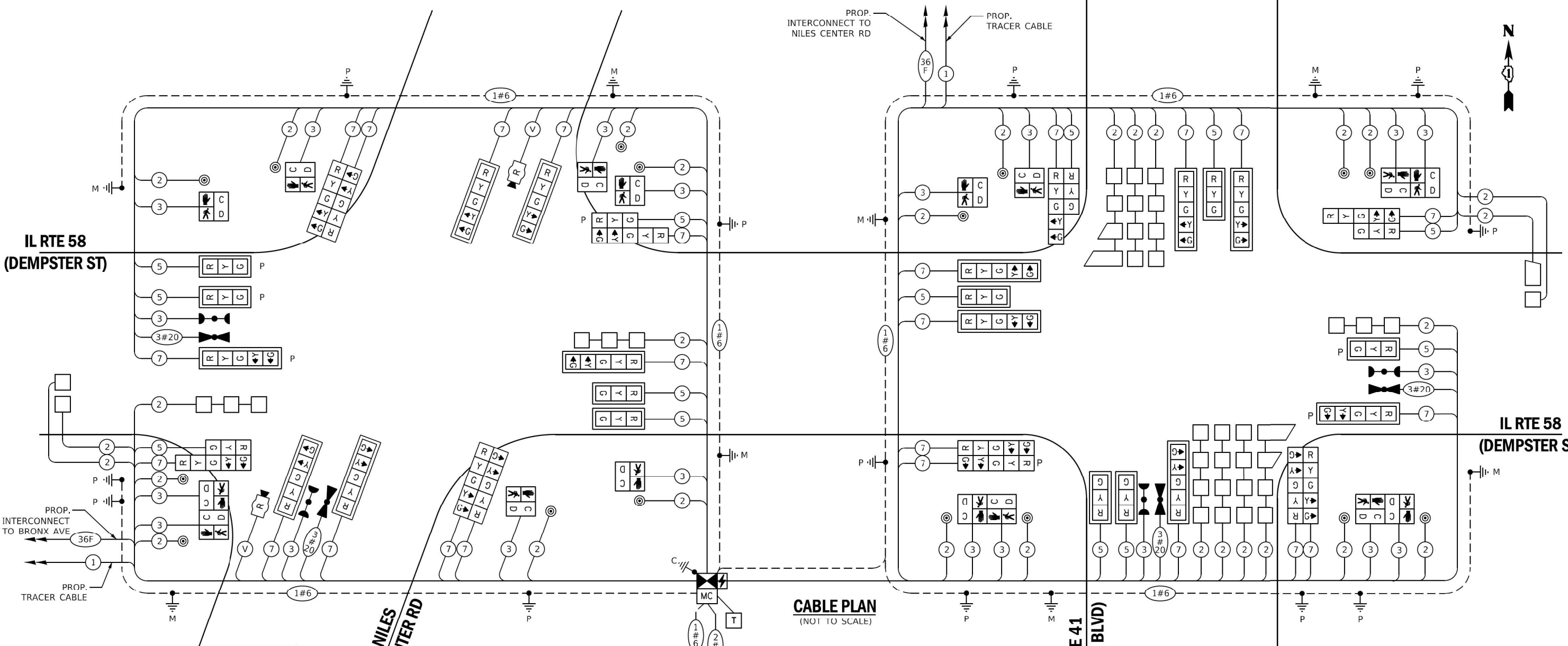
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)	
IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD AND US RTE 41 (SKOKIE BLVD)	
SCALE: 1"=20'	SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 158
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

FILE NAME = X:\Projects\612014\148112\1090017-012 IL 58 at Niles Center and US 41\ADU\_Sheets\int 2-sht-ts-plan.dgn  
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IL RTE 58  
(DEMPSTER ST)

IL RTE 58  
(DEMPSTER ST)



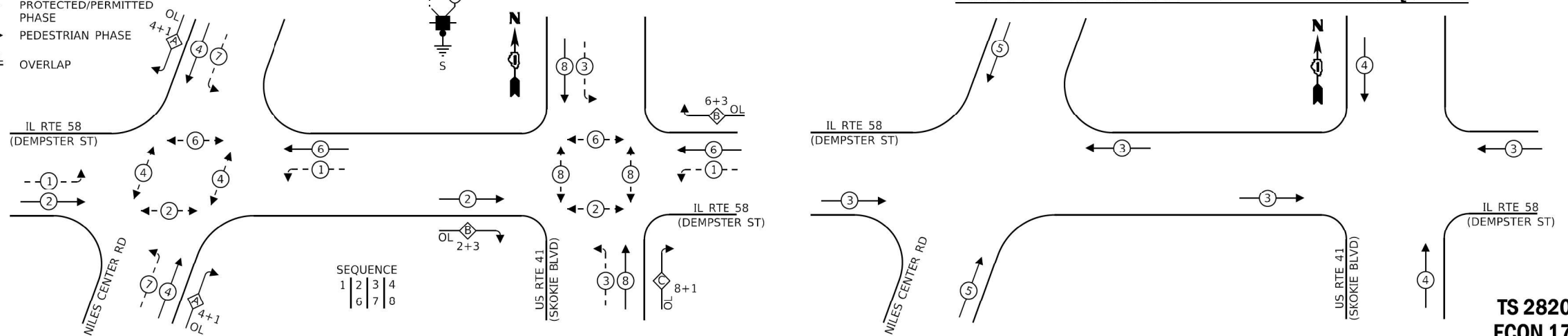
CABLE PLAN  
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	37	11	50	204
(YELLOW)	37	20	5	37
(GREEN)	37	12	45	200
PERMISSIVE ARROW	48	10	10	48
PED. SIGNAL	16	20	100	320
CONTROLLER	2	100	100	200
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
PTZ CAMERA	-	75	100	-
TOTAL =				1034

- LEGEND:**
- ← \* → PROTECTED PHASE
  - ← - \* - → PROTECTED/PERMITTED PHASE
  - ← \* → PEDESTRIAN PHASE
  - OL OVERLAP

**PROPOSED CONTROLLER SEQUENCE**

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



ENERGY COSTS TO:  
**Village of Skokie**  
5127 OAKTON STREET  
SKOKIE, IL 60077

ENERGY SUPPLY: CONTACT: MR. TERRI BLECK  
PHONE: (847)-816-5239  
COMPANY: COM-ED  
ACCOUNT NUMBER:

TS SHT NO. 15

TS 2820  
ECON 17

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD AND US RTE 41 (SKOKIE BLVD)

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 159
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

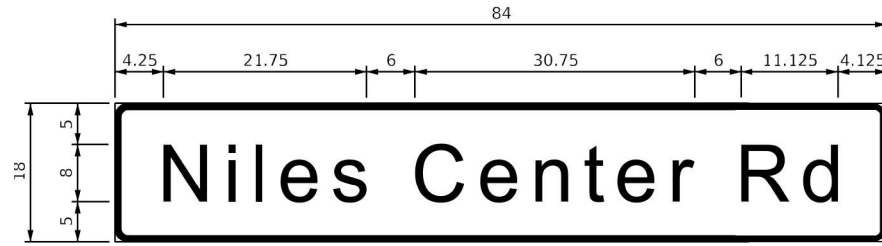


USER NAME = dwtorzak	DESIGNED - ZH	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 8/13/2019	CHECKED - DW	REVISED -
	DATE = 8-12-2019	REVISED -

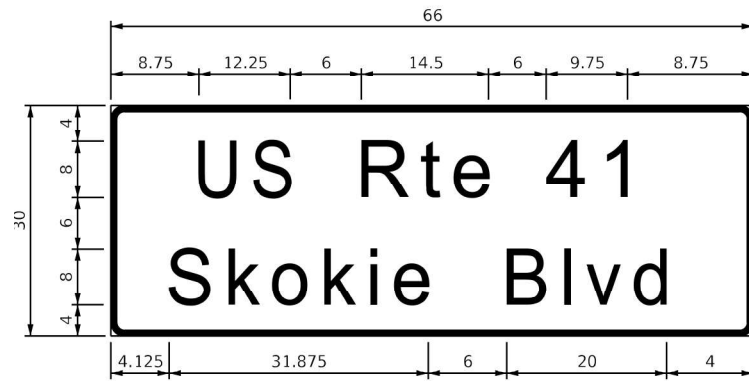
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**SIGN PANEL - TYPE 1 OR TYPE 2**

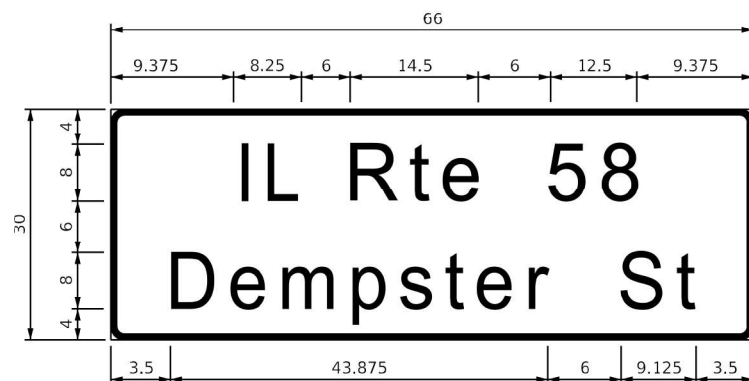
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	13.75	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	13.75	2	ZZ	4

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 QUANTITY
SIGN PANEL - TYPE 1	SQ FT	8
SIGN PANEL - TYPE 2	SQ FT	103.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	870
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	243
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1627
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	5
* PAINT NEW TRAFFIC SIGNAL POST	EACH	12
* PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	4
* PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4235
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5550
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3950
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	7000
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5550
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	70
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2430
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8
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, 36 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	36
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	56.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52.5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	11
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	10
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	21
INDUCTIVE LOOP DETECTOR	EACH	14
DETECTOR LOOP, TYPE I	FOOT	1448
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	16
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
REMOVE EXISTING HANDHOLE	EACH	17
REMOVE EXISTING DOUBLE HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	18
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1255
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16

\* - 100% COST TO VILLAGE OF SKOKIE

TS SHT NO. 16

TS 2820  
ECON 17

	USER NAME = mszmelter	DESIGNED - ZH	REVISED - 2-20-2020	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES		F.A.P. RTE. = 377	SECTION = 2003-065N	COUNTY = COOK	TOTAL SHEETS = 220	SHEET NO. = 160
	PLOT SCALE = 40.0000" / 1"	CHECKED - DW	REVISED - 1P 1/28/2021		IL RTE 58 (DEMPSTER ST) AT NILES CENTER RD AND US RTE 41 (SKOKIE BLVD)	SCALE: NTS	SHEET 8 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 62633 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/20/2020	DATE - 8-12-2019	REVISED -		FILE NAME = X:\Projects\6PL\2014\1481210900\17-012 IL 58 at Niles Center and US 41\ADD_Sheets\Int 1-sht-ts-street_name_signs.dgn						

**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT SPARE PARTS FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

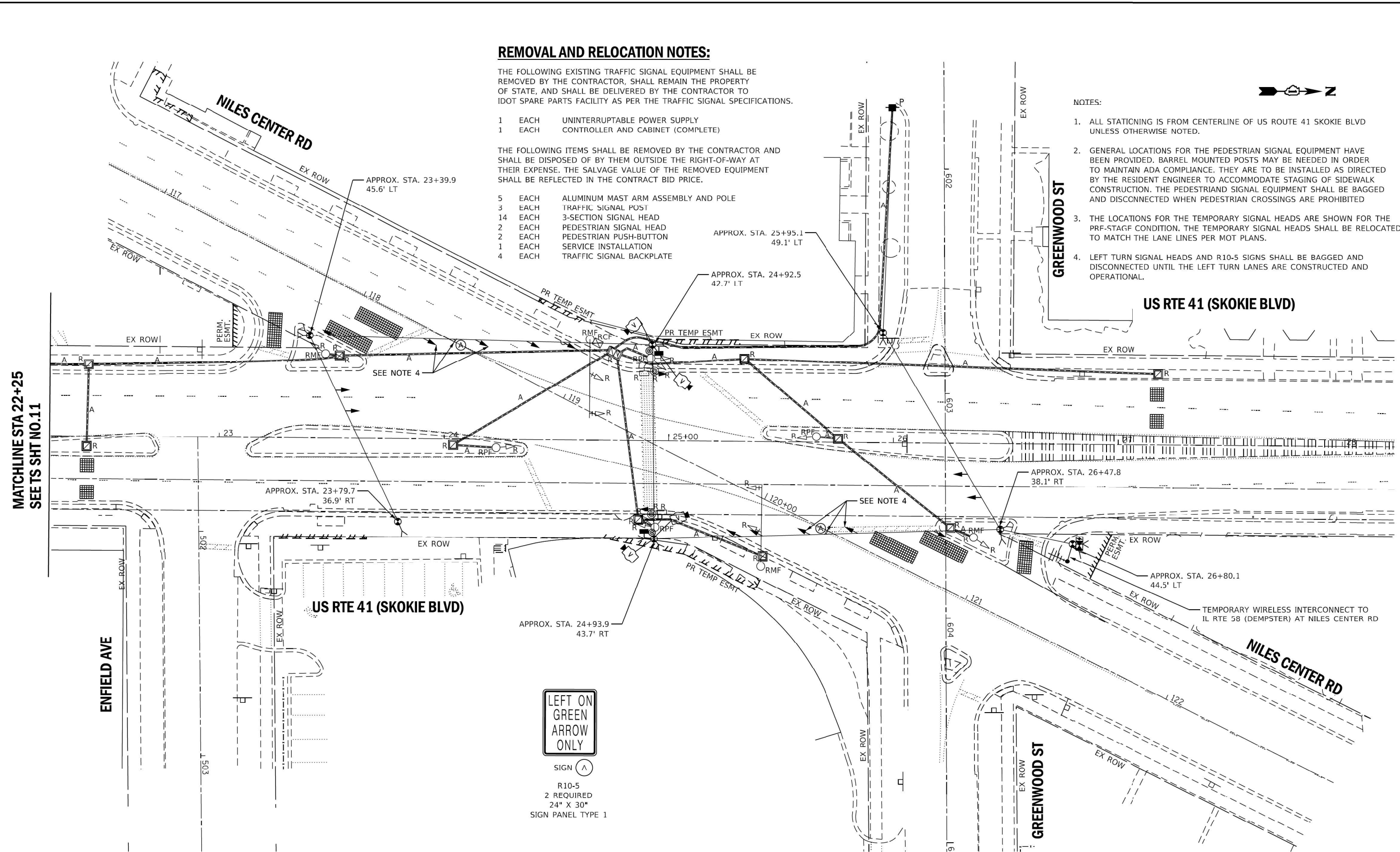
- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 5 EACH ALUMINUM MAST ARM ASSEMBLY AND POLE
- 3 EACH TRAFFIC SIGNAL POST
- 14 EACH 3-SECTION SIGNAL HEAD
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

NOTES:

1. ALL STATIONING IS FROM CENTERLINE OF US ROUTE 41 SKOKIE BLVD UNLESS OTHERWISE NOTED.
2. GENERAL LOCATIONS FOR THE PEDESTRIAN SIGNAL EQUIPMENT HAVE BEEN PROVIDED. BARREL MOUNTED POSTS MAY BE NEEDED IN ORDER TO MAINTAIN ADA COMPLIANCE. THEY ARE TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER TO ACCOMMODATE STAGING OF SIDEWALK CONSTRUCTION. THE PEDESTRIAN SIGNAL EQUIPMENT SHALL BE BAGGED AND DISCONNECTED WHEN PEDESTRIAN CROSSINGS ARE PROHIBITED
3. THE LOCATIONS FOR THE TEMPORARY SIGNAL HEADS ARE SHOWN FOR THE PRF-STAGF CONDITION. THE TEMPORARY SIGNAL HEADS SHALL BE RELOCATED TO MATCH THE LANE LINES PER MOT PLANS.
4. LEFT TURN SIGNAL HEADS AND R10-5 SIGNS SHALL BE BAGGED AND DISCONNECTED UNTIL THE LEFT TURN LANES ARE CONSTRUCTED AND OPERATIONAL.



MATCHLINE STA 22+25  
SEE TS SHT NO.11

TS SHT NO. 17

**TS 1570  
ECON 17**

	USER NAME = dwtorzak	DESIGNED - ZH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD	F.A.P. RTE. = 377	SECTION = 2003-065N	COUNTY = COOK	TOTAL SHEETS = 220	SHEET NO. = 161
	PLOT SCALE = 40,0000' / in.	CHECKED - DW	REVISED -			SCALE: 1"=20'	SHEET 1 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/13/2019	DATE = 8-12-2019	REVISED -							CONTRACT NO. 62633

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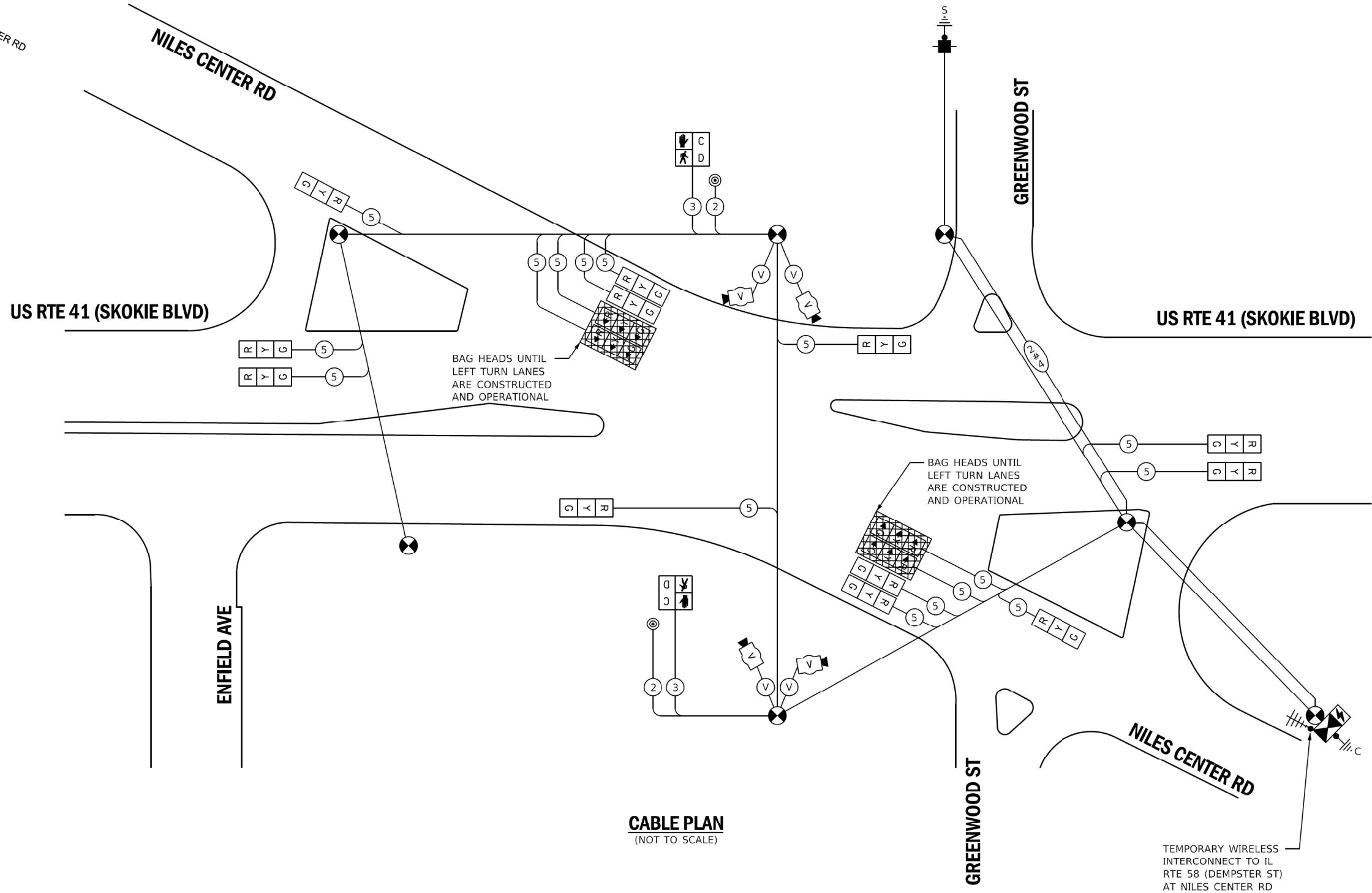
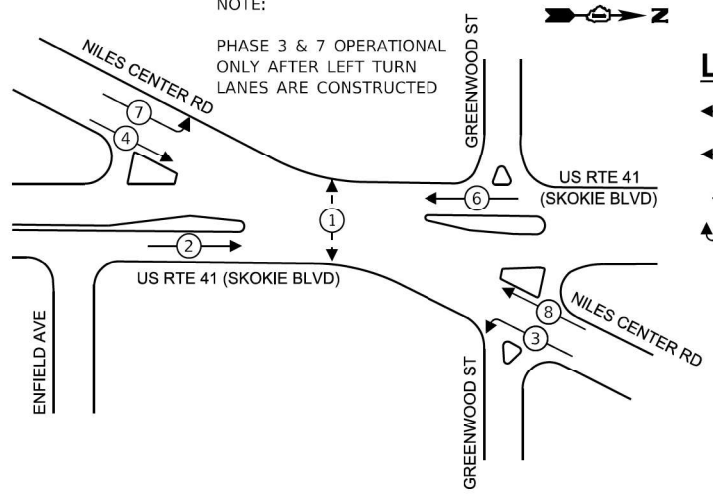
**TEMPORARY CONTROLLER SEQUENCE**

NOTE:

PHASE 3 & 7 OPERATIONAL ONLY AFTER LEFT TURN LANES ARE CONSTRUCTED

**LEGEND:**

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- OL — OVERLAP



**CABLE PLAN**  
(NOT TO SCALE)

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	87
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	2	20	100	40
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
PTZ CAMERA	-	75	100	-
TOTAL =				406

ENERGY COSTS TO:

**Village of Skokie**

5127 OAKTON ST.  
SKOKIE, IL 60077

ENERGY SUPPLY: CONTACT: MR. TERRI BLECK  
PHONE: (847)-816-5239  
COMPANY: COM-ED  
ACCOUNT NUMBER: \_\_\_\_\_

TS SHT NO. 18



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 8/13/2019	CHECKED - DW	REVISED -
	DATE - 8-12-2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 162
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

TS 1570  
ECON 17

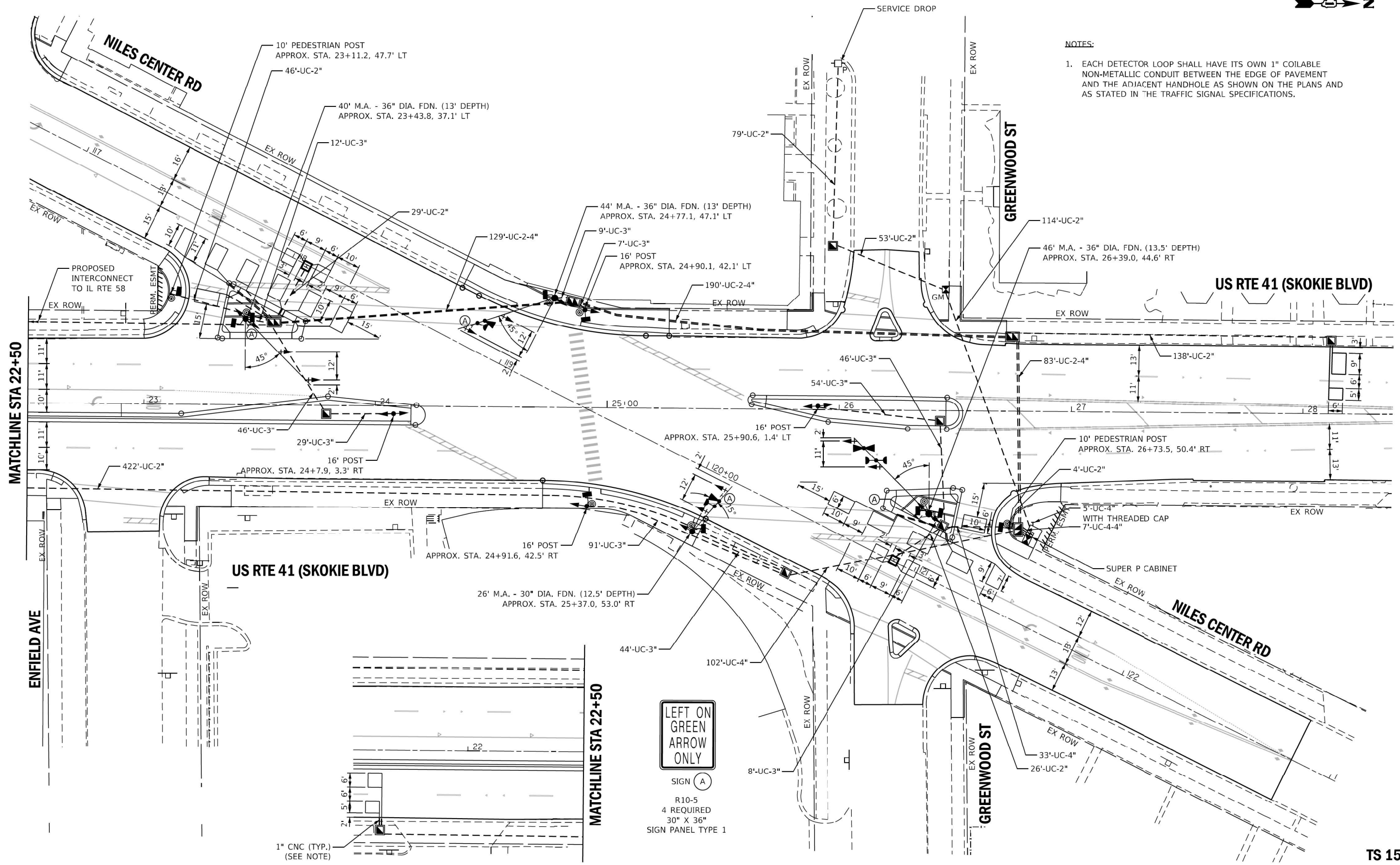
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**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS SHT NO. 19



SIGN (A)  
 R10-5  
 4 REQUIRED  
 30" X 36"  
 SIGN PANEL TYPE 1



USER NAME = mszmelter	DESIGNED - ZH	REVISED - 2-20-2020
PLOT SCALE = 40,0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 2/20/2020	CHECKED - DW	REVISED -
	DATE - 8-12-2019	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN  
 US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD

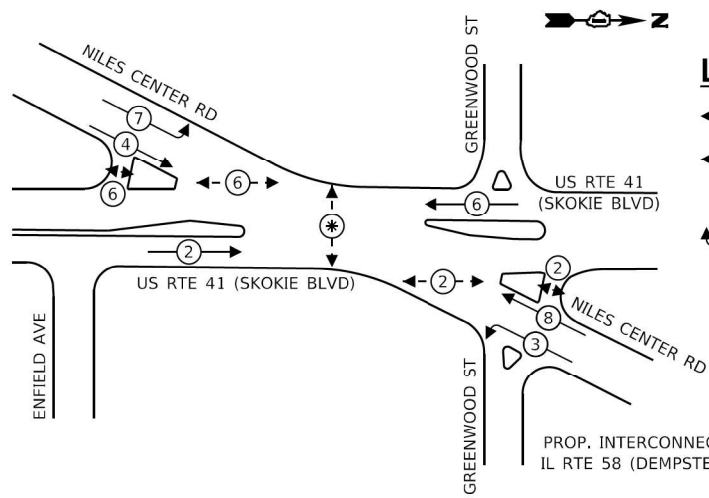
SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 163
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

TS 1570  
 ECON 17

FILE NAME = X:\Projects\1612014\148112\10900117-012 IL 58 at Niles Center and US 41\ADU\_Sheets\17-sht-ts-plan.dgn  
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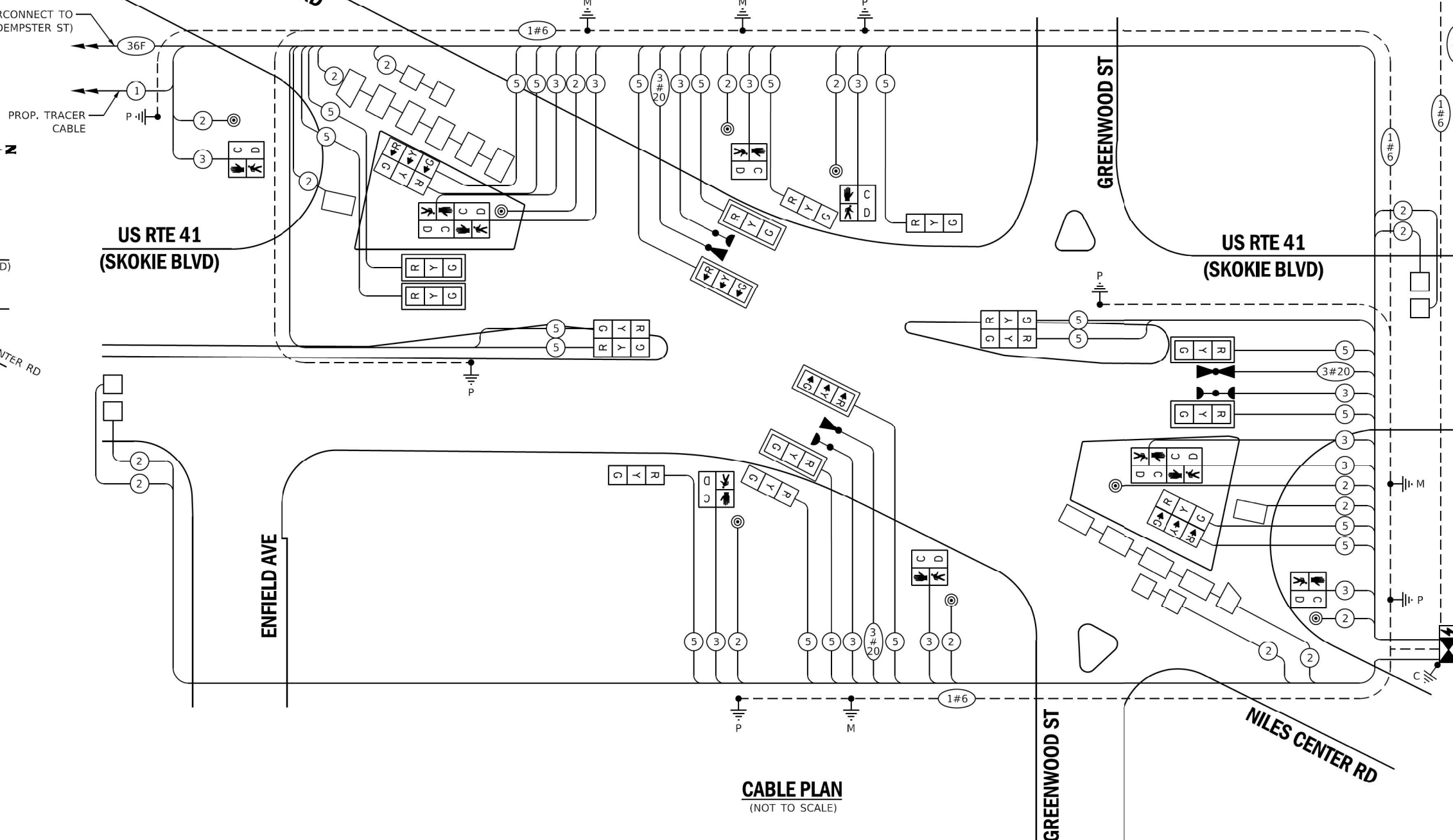
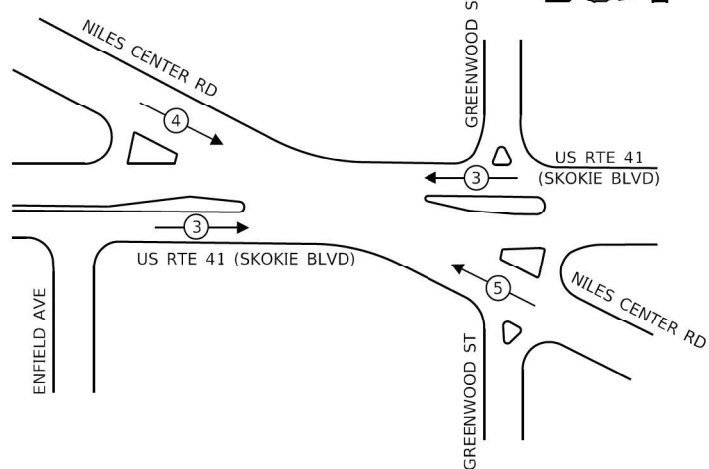
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ⊙ — PROTECTED PHASE
- ⊖ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- OL — OVERLAP

**PROPOSED EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**CABLE PLAN**  
(NOT TO SCALE)

**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	11	50	110
(YELLOW)	20	20	5	20
(GREEN)	20	12	45	108
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	10	20	100	200
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
PTZ CAMERA	-	75	100	-
TOTAL =				563

ENERGY COSTS TO:

**Village of Skokie**

5127 OAKTON ST.  
SKOKIE, IL 60077

ENERGY SUPPLY: CONTACT: MR. TERRI BLECK  
PHONE: (847)-816-5239  
COMPANY: COM-ED  
ACCOUNT NUMBER: \_\_\_\_\_

TS SHT NO. 20



USER NAME = dwiktorzak  
DESIGNED - ZH  
DRAWN - RG  
PLOT SCALE = 40,0000' / 1"  
CHECKED - DW  
PLOT DATE = 8/13/2019  
DATE = 8-12-2019  
REVISI

DESIGNED - ZH  
DRAWN - RG  
CHECKED - DW  
DATE = 8-12-2019  
REVISI

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD**

SCALE: NTS SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 164
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

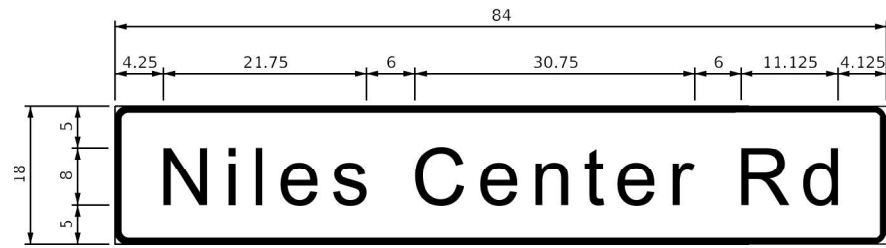
**TS 1570  
ECON 17**

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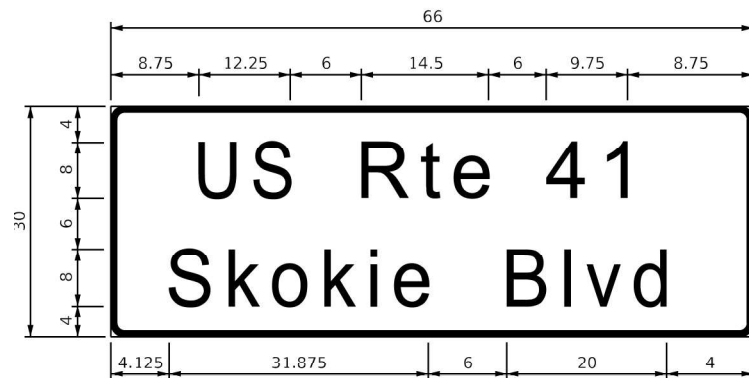


**SIGN PANEL - TYPE 1 OR TYPE 2**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



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



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	13.75	2	ZZ	2

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

**SCHEDULE OF QUANTITIES**

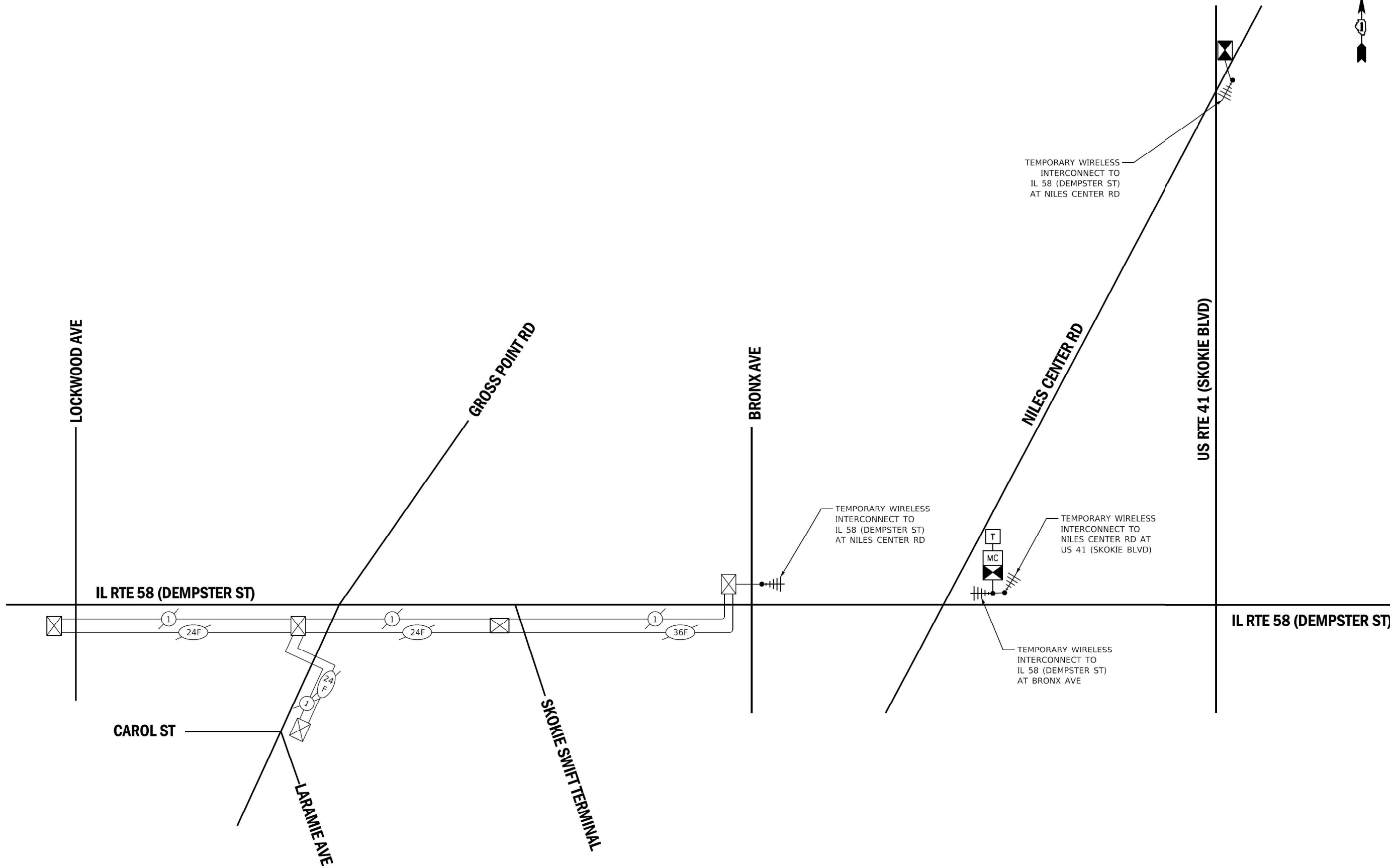
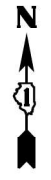
ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	30
SIGN PANEL - TYPE 2	SQ FT	48.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	911
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	346
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	972
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	4
* PAINT NEW TRAFFIC SIGNAL POST	EACH	6
* PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1
* PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	3
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2265
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3652
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6405
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3300
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	310
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1950
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	12.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39.5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	12
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	737
* LIGHT DETECTOR	EACH	3
* LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	10
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	765
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8

\* - 100% COST TO VILLAGE OF SKOKIE

TS SHT NO. 21

TS 1570  
ECON 17

	USER NAME = mszmelter	DESIGNED - ZH	REVISED - 2-20-2020	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD	F.A.P. RTE. = 377	SECTION = 2003-065N	COUNTY = COOK	TOTAL SHEETS = 220	SHEET NO. = 165
	PLOT SCALE = 40.0000" / 1"	CHECKED - DW	REVISED - IP 1/28/2021			REVISED -	SCALE: NTS	SHEET 5 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/20/2020	DATE - 8-12-2019	REVISED -							CONTRACT NO. 62633



TS SHT NO. 22

ECON 17



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000 * / ft.	CHECKED - DW	REVISED -
PLOT DATE = 8/13/2019	DATE - 8-12-2019	REVISED -

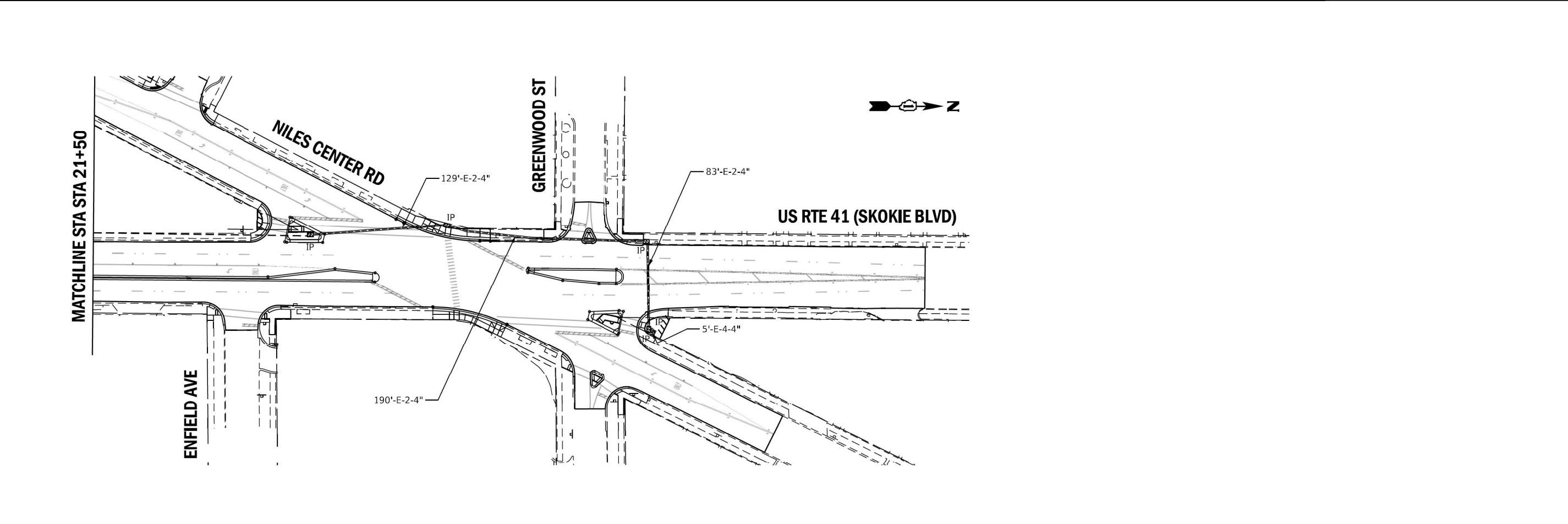
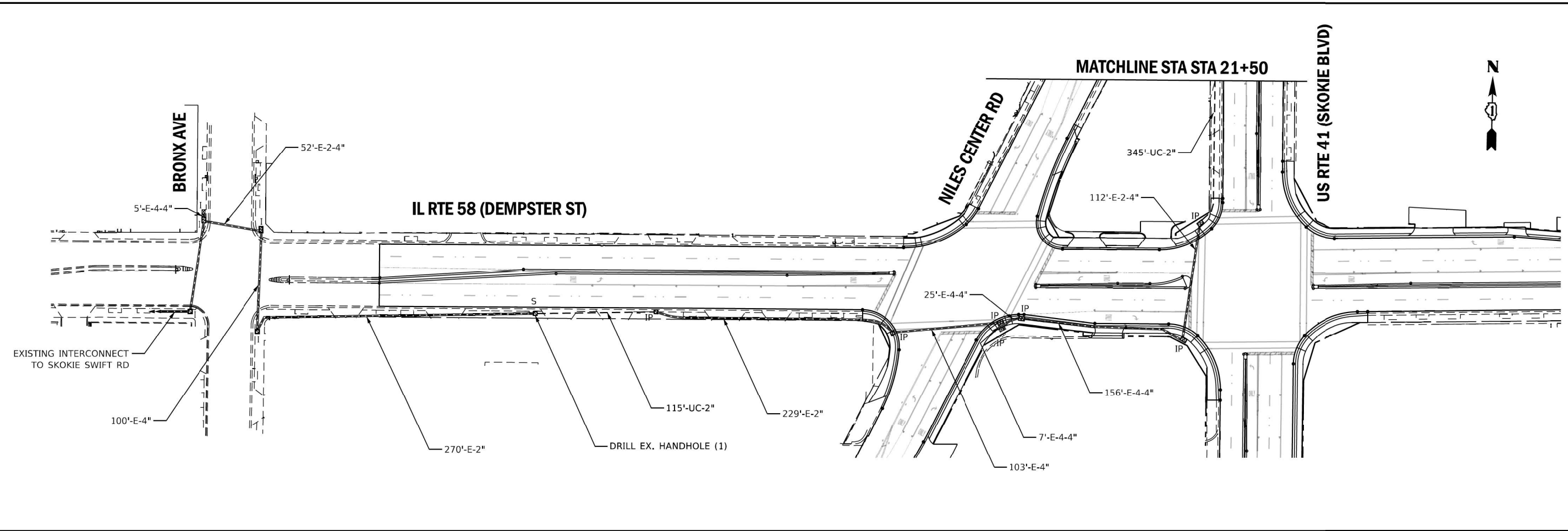
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC			
IL RTE 58 (DEMPSTER ST) - LOCKWOOD AVE TO US RTE 41 (SKOKIE BLVD) AND US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	166
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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TS SHT NO. 23



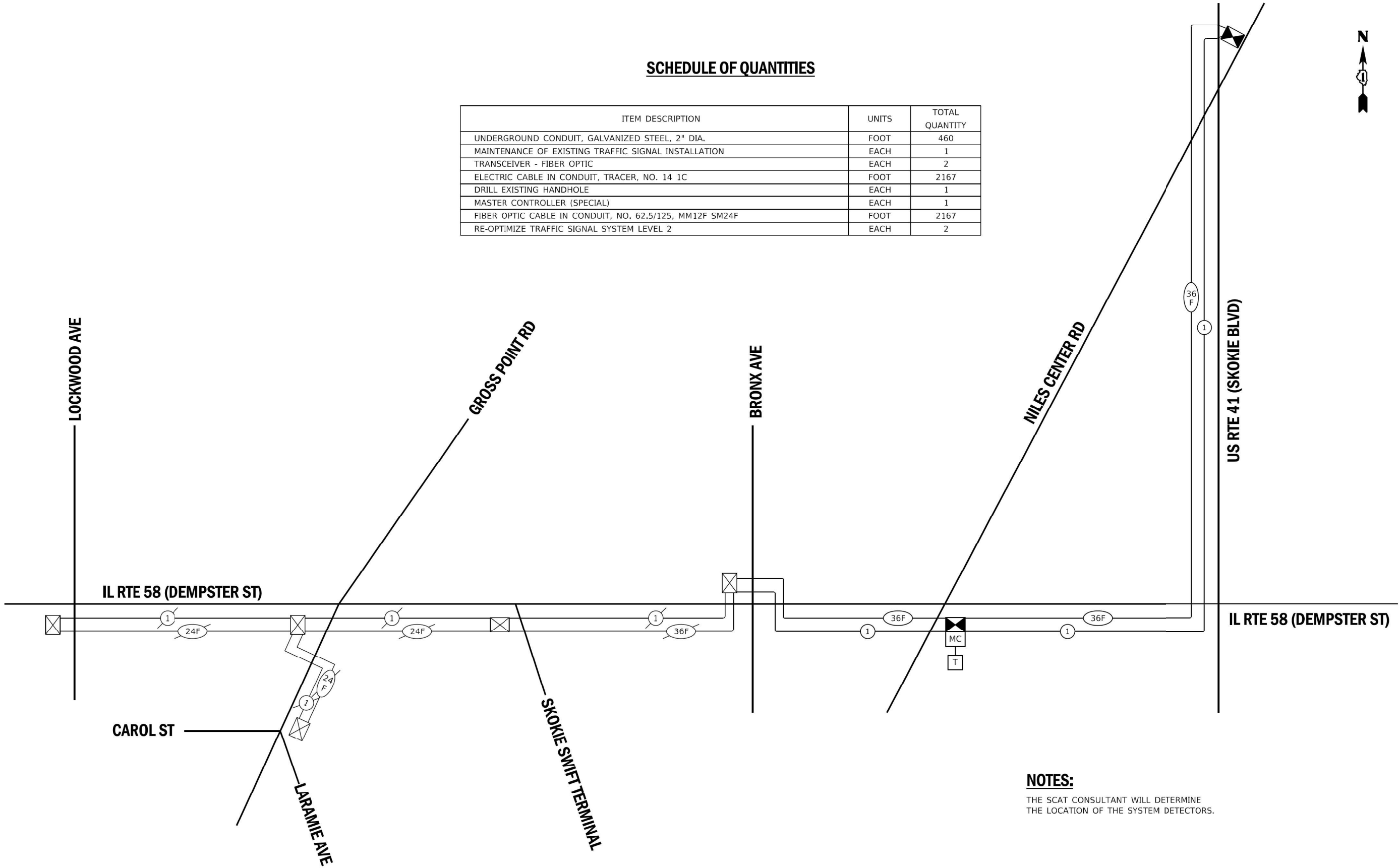
	USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT PLAN IL RTE 58 (DEMPSTER ST) - BRONX AVE TO US RTE 41 (SKOKIE BLVD) AND US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD			F.A.P. RTE. = 377	SECTION = 2003-065N	COUNTY = COOK	TOTAL SHEETS = 220	SHEET NO. = 167
	PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -					CONTRACT NO. 62633				
	PLOT DATE = 8/13/2019	DATE = 8-12-2019	REVISED -	SCALE: 1"=50'	SHEET 1	OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

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ECON 17

**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	460
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2167
DRILL EXISTING HANDHOLE	EACH	1
MASTER CONTROLLER (SPECIAL)	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	2167
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2



**NOTES:**  
THE SCAT CONSULTANT WILL DETERMINE THE LOCATION OF THE SYSTEM DETECTORS.

TS SHT NO. 24

**ECON 17**



USER NAME = dwiktorzak	DESIGNED - ZH	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - DW	REVISED -
PLOT DATE = 8/13/2019	DATE - 8-12-2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**PROPOSED INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES  
IL RTE 58 (DEMPSTER ST) - LOCKWOOD AVE TO US RTE 41 (SKOKIE BLVD)  
AND US RTE 41 (SKOKIE BLVD) AT NILES CENTER RD**

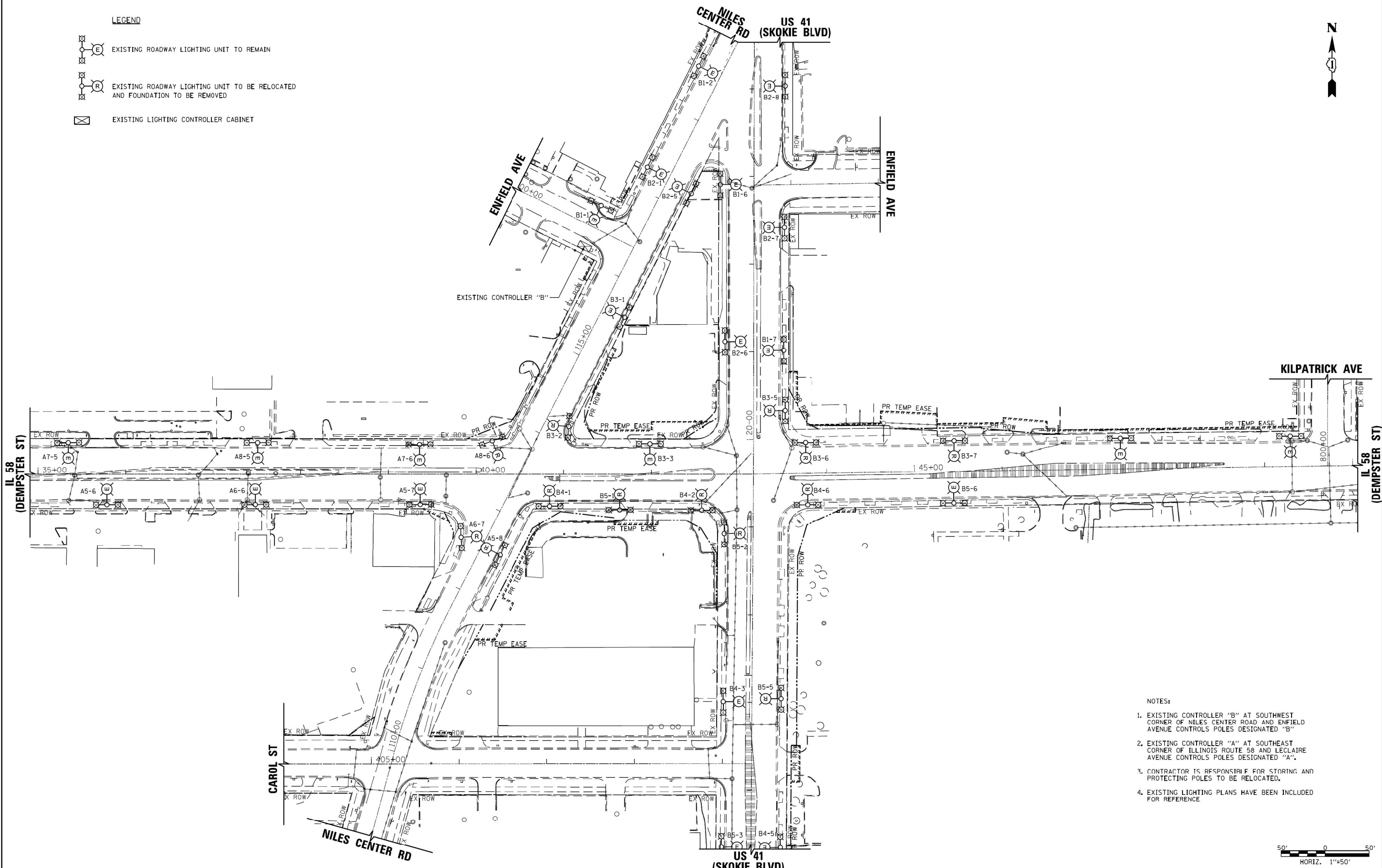
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 168
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

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

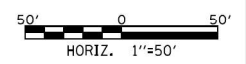
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Default

LEGEND

-  EXISTING ROADWAY LIGHTING UNIT TO REMAIN
-  EXISTING ROADWAY LIGHTING UNIT TO BE RELOCATED AND FOUNDATION TO BE REMOVED
-  EXISTING LIGHTING CONTROLLER CABINET



- NOTES:
1. EXISTING CONTROLLER "B" AT SOUTHWEST CORNER OF NILES CENTER ROAD AND ENFIELD AVENUE CONTROLS POLES DESIGNATED "B"
  2. EXISTING CONTROLLER "A" AT SOUTHEAST CORNER OF ILLINOIS ROUTE 58 AND LECLAIRE AVENUE CONTROLS POLES DESIGNATED "A".
  3. CONTRACTOR IS RESPONSIBLE FOR STORING AND PROTECTING POLES TO BE RELOCATED.
  4. EXISTING LIGHTING PLANS HAVE BEEN INCLUDED FOR REFERENCE



USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE = 07/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION




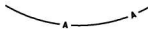
IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
ROADWAY LIGHTING PLAN REMOVAL  
SCALE: 1"=50' SHEET 1 OF 21 SHEETS STA. 34+91.16 TO STA. 49+37.34

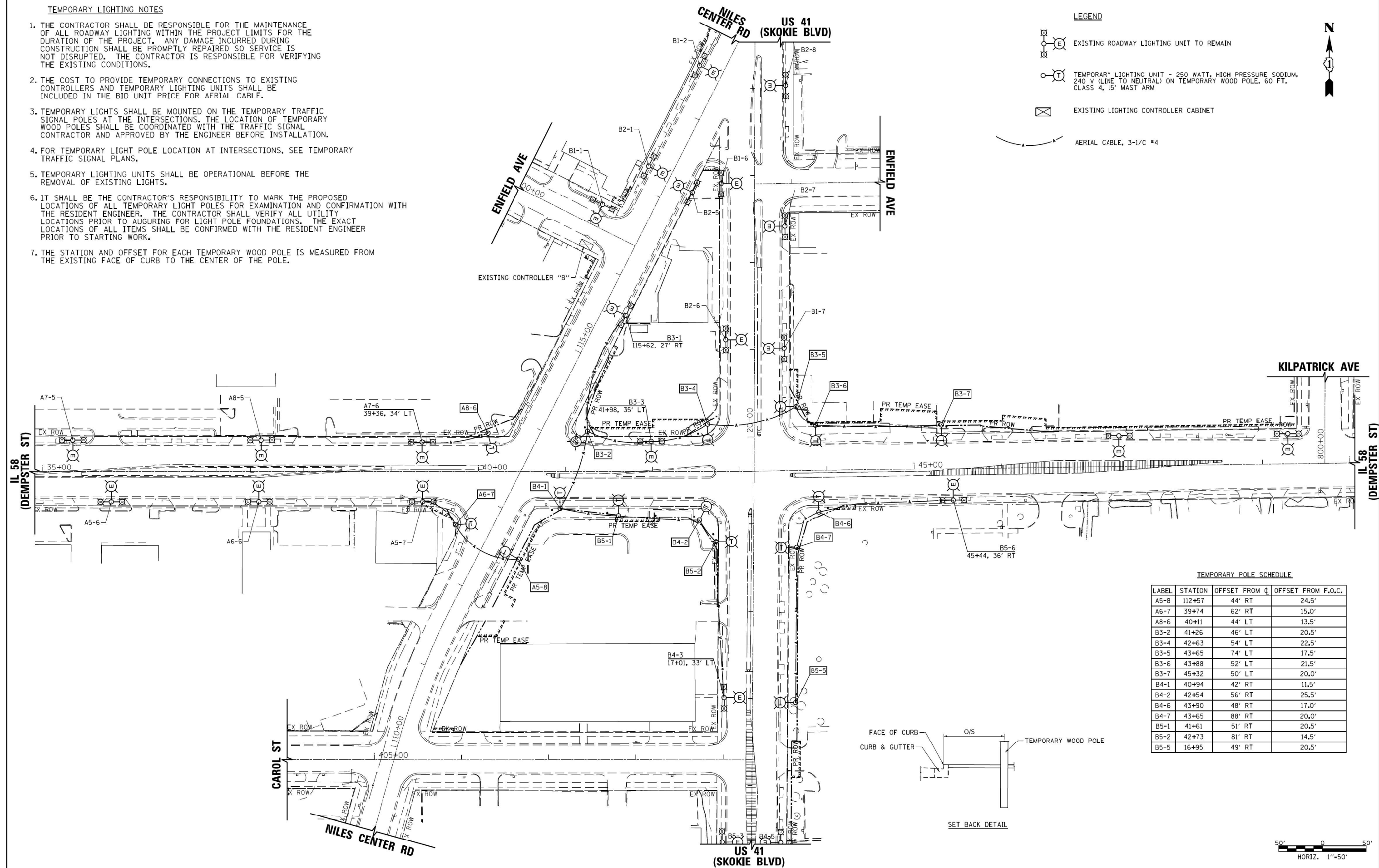
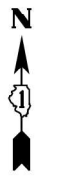
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 169
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

TEMPORARY LIGHTING NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL ROADWAY LIGHTING WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE PROJECT. ANY DAMAGE INCURRED DURING CONSTRUCTION SHALL BE PROMPTLY REPAIRED SO SERVICE IS NOT DISRUPTED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.
2. THE COST TO PROVIDE TEMPORARY CONNECTIONS TO EXISTING CONTROLLERS AND TEMPORARY LIGHTING UNITS SHALL BE INCLUDED IN THE BID UNIT PRICE FOR AIRIAL CABLE.
3. TEMPORARY LIGHTS SHALL BE MOUNTED ON THE TEMPORARY TRAFFIC SIGNAL POLES AT THE INTERSECTIONS. THE LOCATION OF TEMPORARY WOOD POLES SHALL BE COORDINATED WITH THE TRAFFIC SIGNAL CONTRACTOR AND APPROVED BY THE ENGINEER BEFORE INSTALLATION.
4. FOR TEMPORARY LIGHT POLE LOCATION AT INTERSECTIONS, SEE TEMPORARY TRAFFIC SIGNAL PLANS.
5. TEMPORARY LIGHTING UNITS SHALL BE OPERATIONAL BEFORE THE REMOVAL OF EXISTING LIGHTS.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL TEMPORARY LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
7. THE STATION AND OFFSET FOR EACH TEMPORARY WOOD POLE IS MEASURED FROM THE EXISTING FACE OF CURB TO THE CENTER OF THE POLE.

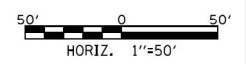
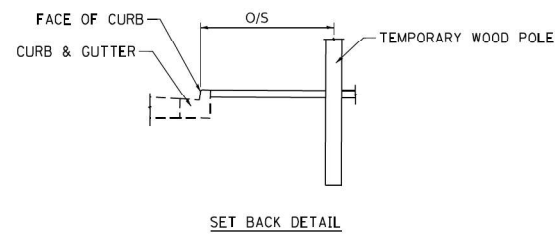
LEGEND

-  EXISTING ROADWAY LIGHTING UNIT TO REMAIN
-  TEMPORARY LIGHTING UNIT - 250 WATT, HIGH PRESSURE SODIUM, 240 V (LINE TO NEUTRAL) ON TEMPORARY WOOD POLE, 60 FT, CLASS 4, .5' MAST ARM
-  EXISTING LIGHTING CONTROLLER CABINET
-  AERIAL CABLE, 3-1/2 #4



TEMPORARY POLE SCHEDULE

LABEL	STATION	OFFSET FROM C	OFFSET FROM F.O.C.
A5-8	112+57	44' RT	24.5'
A6-7	39+74	62' RT	15.0'
A8-6	40+11	44' LT	13.5'
B3-2	41+26	46' LT	20.5'
B3-4	42+63	54' LT	22.5'
B3-5	43+65	74' LT	17.5'
B3-6	43+88	52' LT	21.5'
B3-7	45+32	50' LT	20.0'
B4-1	40+94	42' RT	11.5'
B4-2	42+54	56' RT	25.5'
B4-6	43+90	48' RT	17.0'
B4-7	43+65	88' RT	20.0'
B5-1	41+61	51' RT	20.5'
B5-2	42+73	81' RT	14.5'
B5-5	16+95	49' RT	20.5'



USER NAME = ttpelarinos	DESIGNED -	REVISED -
PLOT SCALE = 1/8"=10'-0"	DRAWN -	REVISED -
PLOT DATE = 10/19/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

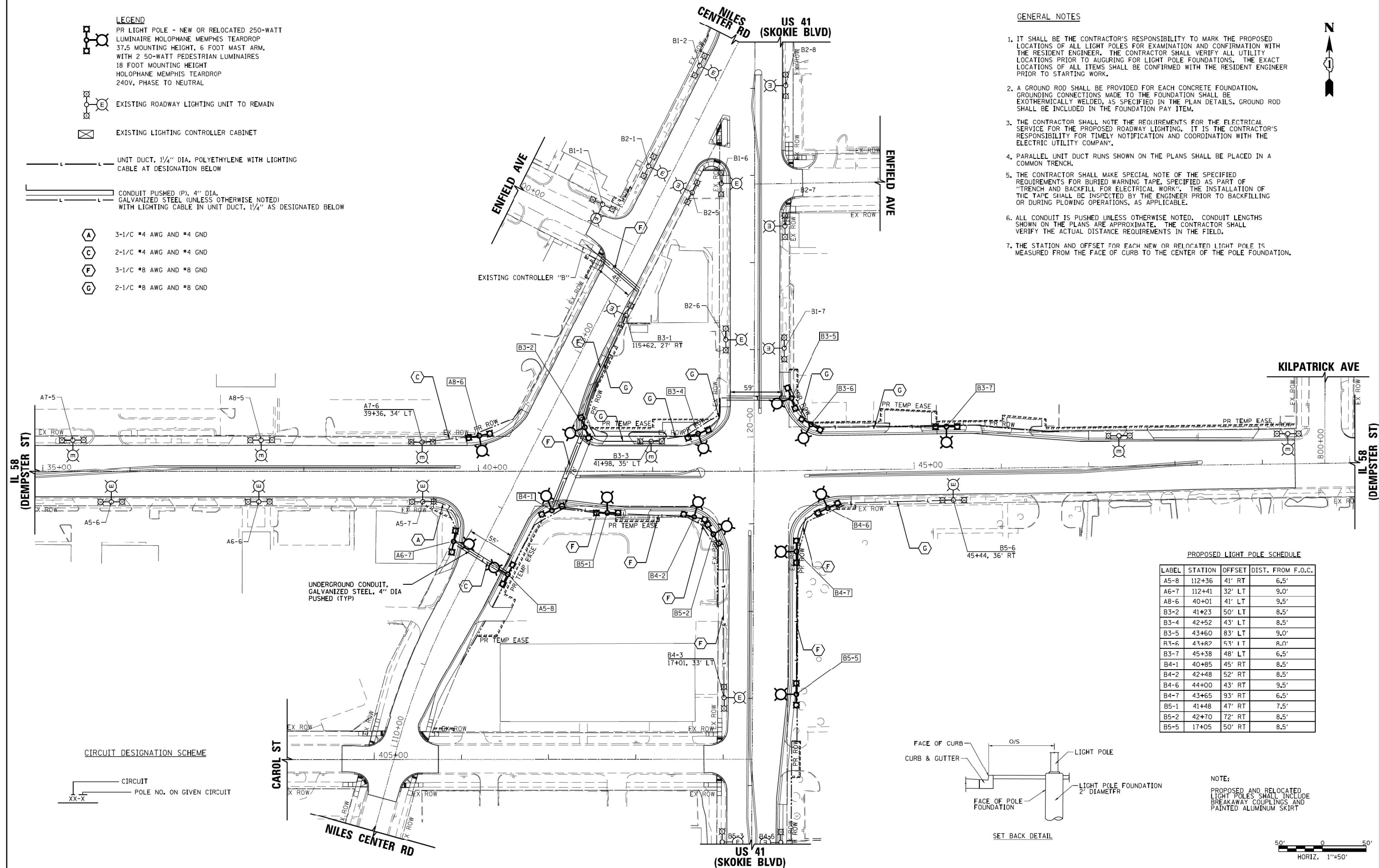
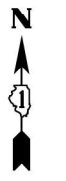
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
TEMPORARY LIGHTING PLAN  
SCALE: 1"=50' SHEET 2 OF 21 SHEETS STA. 34+91.16 TO STA. 49+37.34

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 170
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

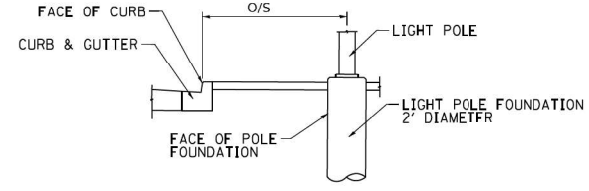
- LEGEND**
- PR LIGHT POLE - NEW OR RELOCATED 250-WATT LUMINAIRE HOLOPHANE MEMPHIS TEARDROP 37.5 MOUNTING HEIGHT, 6 FOOT MAST ARM, WITH 2 50-WATT PEDESTRIAN LUMINAIRES 18 FOOT MOUNTING HEIGHT HOLOPHANE MEMPHIS TEARDROP 240V, PHASE TO NEUTRAL
  - EXISTING ROADWAY LIGHTING UNIT TO REMAIN
  - EXISTING LIGHTING CONTROLLER CABINET
  - UNIT DUCT, 1/4" DIA. POLYETHYLENE WITH LIGHTING CABLE AT DESIGNATION BELOW
  - CONDUIT PUSHED (P), 4" DIA. GALVANIZED STEEL (UNLESS OTHERWISE NOTED) WITH LIGHTING CABLE IN UNIT DUCT, 1/4" AS DESIGNATED BELOW
  - 3-1/C #4 AWG AND #4 GND
  - 2-1/C #4 AWG AND #4 GND
  - 3-1/C #8 AWG AND #8 GND
  - 2-1/C #8 AWG AND #8 GND

- GENERAL NOTES**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
  - A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION. GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED IN THE PLAN DETAILS. GROUND ROD SHALL BE INCLUDED IN THE FOUNDATION PAY ITEM.
  - THE CONTRACTOR SHALL NOTE THE REQUIREMENTS FOR THE ELECTRICAL SERVICE FOR THE PROPOSED ROADWAY LIGHTING. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRIC UTILITY COMPANY.
  - PARALLEL UNIT DUCT RUNS SHOWN ON THE PLANS SHALL BE PLACED IN A COMMON TRENCH.
  - THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
  - ALL CONDUIT IS PUSHED UNLESS OTHERWISE NOTED. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
  - THE STATION AND OFFSET FOR EACH NEW OR RELOCATED LIGHT POLE IS MEASURED FROM THE FACE OF CURB TO THE CENTER OF THE POLE FOUNDATION.

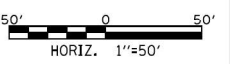


**PROPOSED LIGHT POLE SCHEDULE**

LABEL	STATION	OFFSET	DIST. FROM F.O.C.
A5-8	112+36	41' RT	6.5'
A6-7	112+41	32' LT	9.0'
A8-6	40+01	41' LT	9.5'
B3-2	41+23	50' LT	8.5'
B3-4	42+52	43' LT	8.5'
B3-5	43+60	83' LT	9.0'
R3-6	43+82	53' LT	8.0'
B3-7	45+38	48' LT	6.5'
B4-1	40+85	45' RT	8.5'
B4-2	42+48	52' RT	8.5'
B4-6	44+00	43' RT	9.5'
B4-7	43+65	93' RT	6.5'
B5-1	41+48	47' RT	7.5'
B5-2	42+70	72' RT	8.5'
B5-5	17+05	50' RT	8.5'



**NOTE:**  
PROPOSED AND RELOCATED LIGHT POLES SHALL INCLUDE BREAKAWAY COUPLINGS AND PAINTED ALUMINUM SKIRT



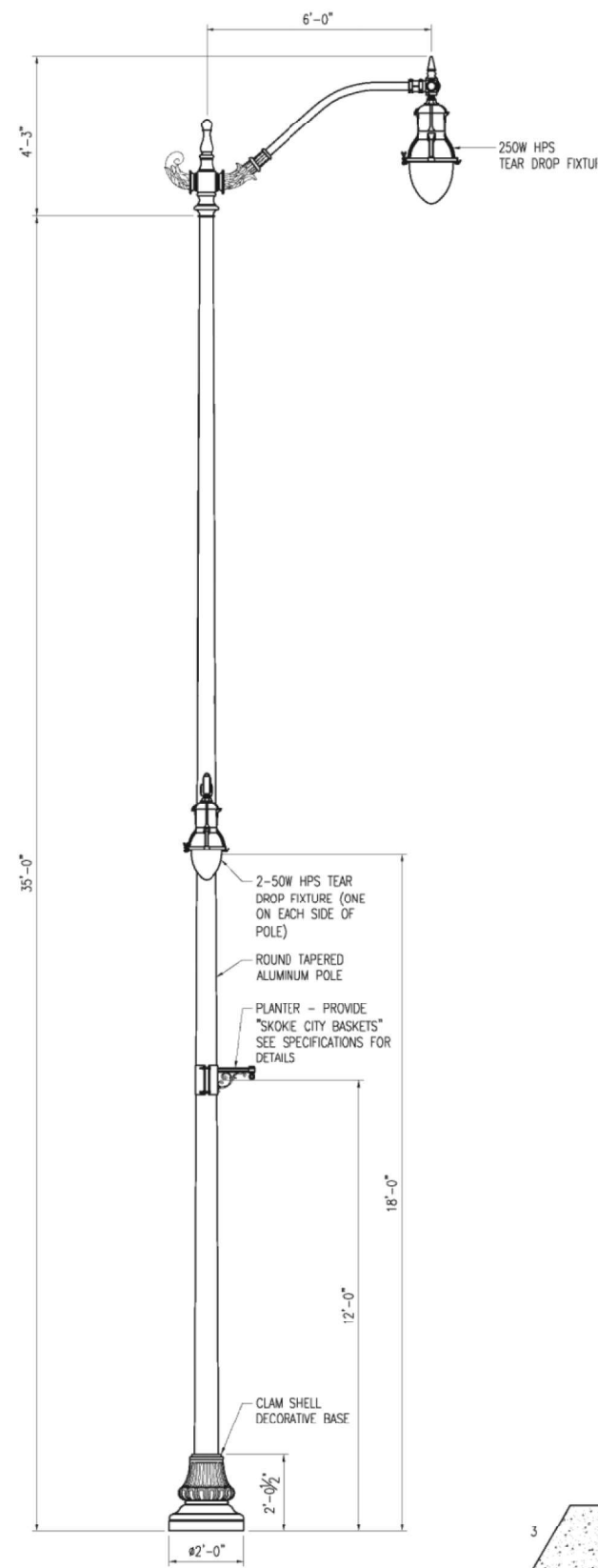
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/19/2018	DATE = 07/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

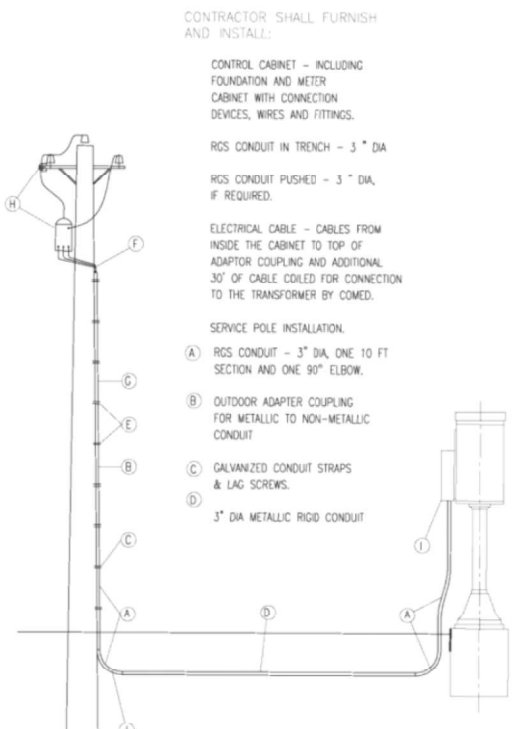
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
PROPOSED ROADWAY LIGHTING PLAN**

SCALE: 1"=50'    SHEET 3 OF 21 SHEETS    STA. 34+91.16 TO STA. 49+37.34

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 171
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



**ROADWAY LIGHT POLE**  
SCALE: 1/2" = 1'-0"



CONTRACTOR SHALL FURNISH AND INSTALL:

CONTROL CABINET - INCLUDING FOUNDATION AND METER CABINET WITH CONNECTION DEVICES, WIRES AND FITTINGS.

RGS CONDUIT IN TRENCH - 3" DIA

RGS CONDUIT PUSHED - 3" DIA, IF REQUIRED.

ELECTRICAL CABLE - CABLES FROM INSIDE THE CABINET TO TOP OF ADAPTOR COUPLING AND ADDITIONAL 30' OF CABLE COILED FOR CONNECTION TO THE TRANSFORMER BY COMED.

SERVICE POLE INSTALLATION:

(A) RGS CONDUIT - 3" DIA, ONE 10 FT SECTION AND ONE 90° ELBOW.

(B) OUTDOOR ADAPTER COUPLING FOR METALLIC TO NON-METALLIC CONDUIT

(C) GALVANIZED CONDUIT STRAPS & LAG SCREWS.

(D) 3" DIA METALLIC RIGID CONDUIT

(E) NON-METALLIC CONDUIT STRAPS & LAG SCREWS.

(F) COMED - APPROVED SERVICE HEAD.

(G) 3" DIA NON-METALLIC RIGID CONDUIT

(H) SERVICE POLE INSTALLATION: TRANSFORMER, CUT-OUT SWITCH, LIGHTING ARRESTER, GROUNDING EQUIPMENT, INSULATORS, WIRES, POLE, MAST ARM, HARDWARE AND ANY OTHER EQUIPMENT AND LABOR DEEMED NECESSARY.

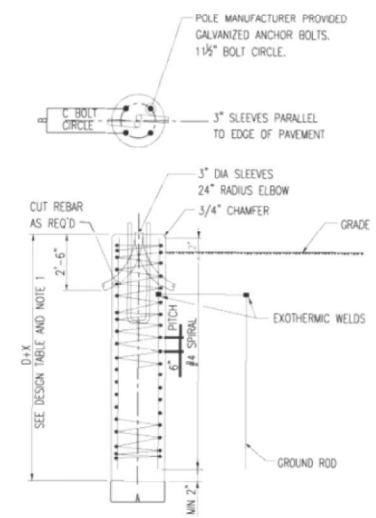
(I) METER ON CONTROL CABINET AS PART OF SERVICE INSTALLATION

(J) PROVIDE A GROUND ROD AS PART OF SERVICE INSTALLATION.

CONTRACTOR SHALL FURNISH AND COMMONWEALTH EDISON COMPANY SHALL INSTALL SERVICE POLE INSTALLATION

ELECTRIC SERVICE INSTALLATION: "ELECTRIC SERVICE INSTALLATION" APPLIES TO THOSE FACILITIES REQUIRED IN ADDITION TO WHAT IS DETERMINED BY AGREEMENT WITH C.E. COMPANY TO BE A NORMAL INSTALLATION AND SUCH FACILITIES WILL BE PAID FOR AS "ELECTRICAL SERVICE INSTALLATION."

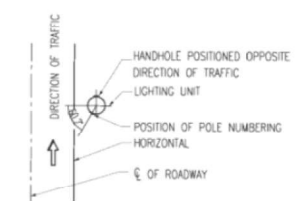
SERVICE SHALL BE INSTALLED OF APPROPRIATE SIZE SUCH THAT THE AVAILABLE SHORT CIRCUIT CURRENT TO ANY CONTROLLER WILL NOT EXCEED 10 KAC.



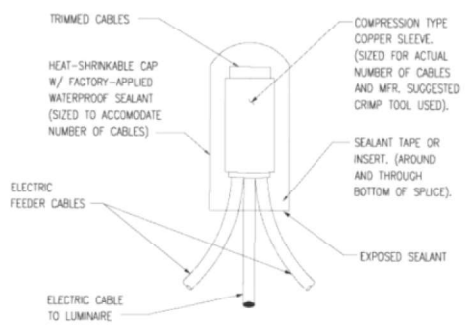
**FOUNDATION DETAIL**

DESIGN TABLE

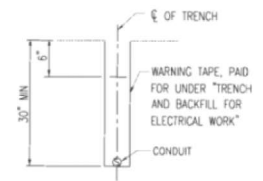
TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION	REINFORCEMENT IN FOUNDATION	
		SINGLE ARM	SPIRAL
SOFT CLAY	17'-0"	8-#8x16'-0"	#4x157
MEDIUM CLAY	12'-0"	8-#8x11'-0"	#4x110
STIFF CLAY	8'-3"	8-#8x7'-6"	#4x78
LOOSE SAND	10'-9"	8-#8x10'-0"	#4x102
MEDIUM SAND	9'-3"	8-#8x8'-6"	#4x88
DENSE SAND	8'-0"	8-#8x7'-6"	#4x78
ROCK OR ZOB-FIELD SLUG	5'-0"	NONE	NONE



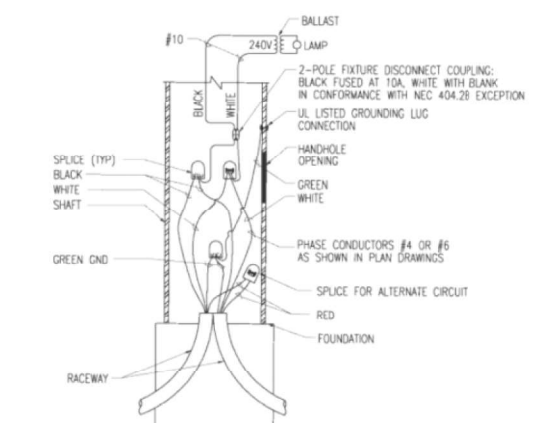
**HANDHOLE AND POLE NUMBERING**



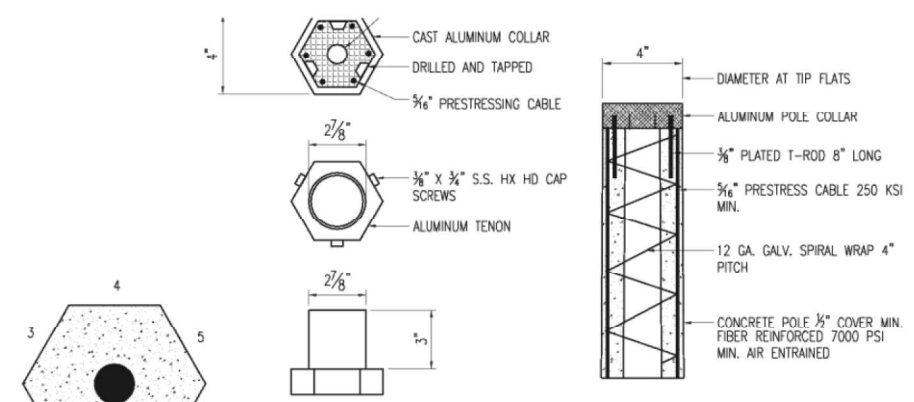
**SPlicing DETAIL**



**TRENCH CROSS SECTION**

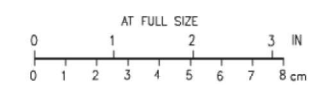


**POLE BASE WIRING DIAGRAM FOR TYPICAL LUMINAIRE**  
SCALE: NOT TO SCALE



**STRUCTURAL DETAILS**  
SCALE: 3/8" = 1'-0"

NOTE: DETAILS ARE DERIVED FROM THOSE IN THE ORIGINAL INSTALLATION OF THE EXISTING STREET LIGHTS. SEE SHEETS 18 AND 19 FOR MORE INFORMATION



USER NAME = b.j.holman	DESIGNED -	REVISED -
PLDT SCALE = 1/8" = 1'-0"	DRAWN -	REVISED -
PLDT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

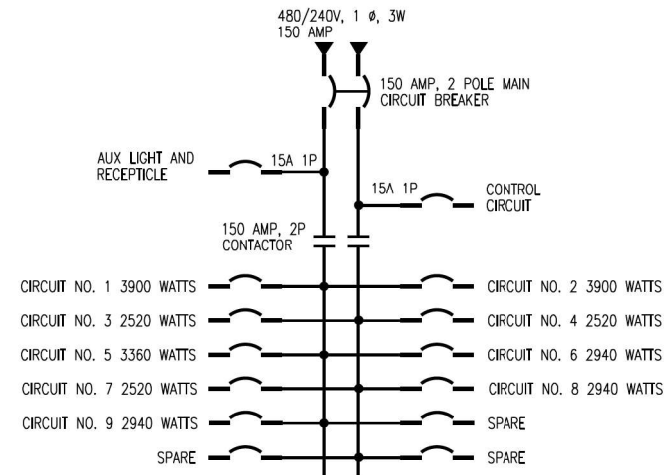
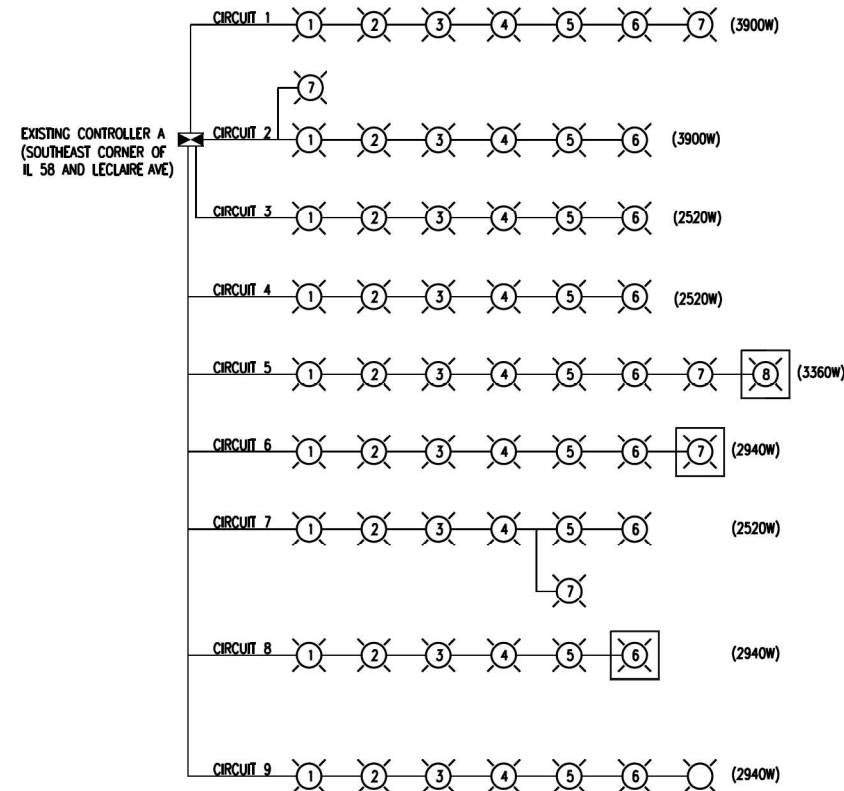
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKE BLVD)**  
**DETAILS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 172
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

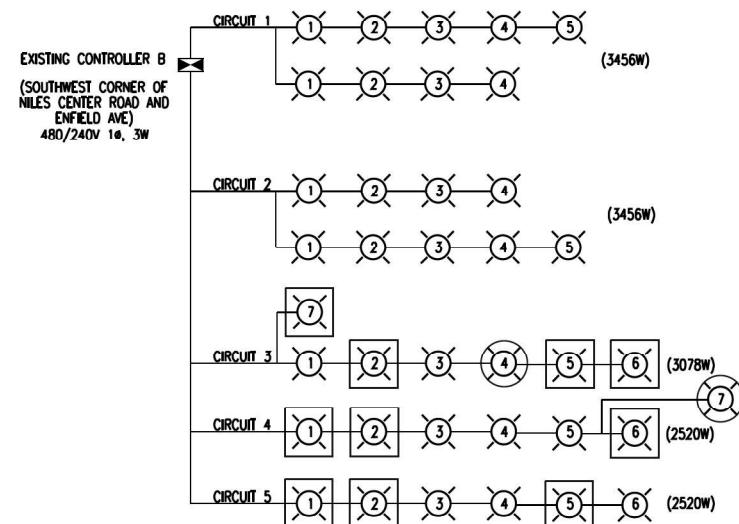
SCALE: SHEET OF SHEETS STA. TO STA.



CONTROLLER "A" LOADS									
	1	2	3	4	5	6	7	8	9
LOAD A	12.25	12.25	12.25	10.5	12.25	12.25	12.25	12.25	12.25



EXISTING SKOKIE CONTROLLER A CONTACTOR AND BREAKER SCHEDULE							
CONSOLE		NO. OF BRANCH BREAKERS 1 POLE 600 VOLT		MAIN BREAKER 2 POLE, 600 VOLT		CONTACTOR 2 POLE, 600 VOLT	
NO.	LOCATION	SIZES		SIZES		SIZE	
A	SOUTHEAST CORNER OF IL 58 AND LECLAIRE AVENUE	15A	30A	FRAME	TRIP	150 AMP	



CONTROLLER "B" LOADS AT 240V					
CIRCUIT	1	2	3	4	5
LOAD (AMPS)	14.4	14.4	12.8	10.5	10.5

- EXISTING POLE TO REMAIN
- EXISTING POLE TO BE RELOCATED
- NEW PROPOSED POLE

INFORMATION ON THIS SHEET IS DERIVED FROM THE LIGHTING SYSTEM SCHEMATIC FOR THE ORIGINAL CONSTRUCTION PLANS FOR THE EXISTING LIGHTING SYSTEM. SEE SHEET 21 FOR MORE INFORMATION.



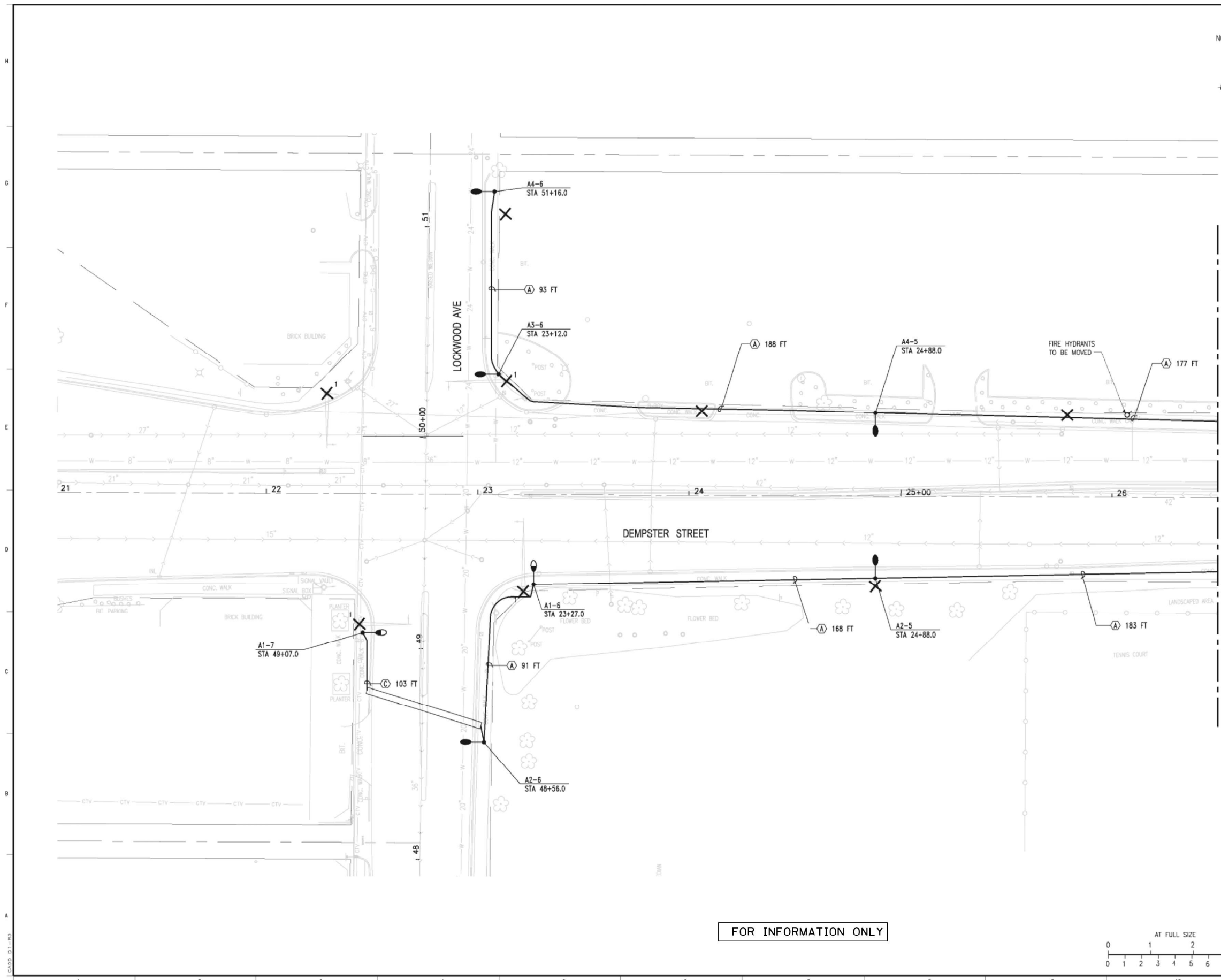
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PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
PROPOSED ROADWAY LIGHTING SCHEMATIC

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 173
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

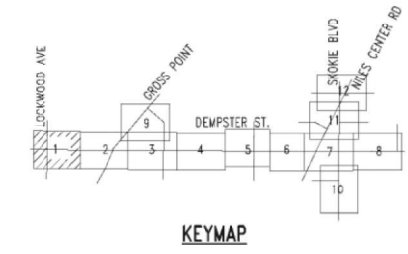


**CONSTRUCTION NOTES:**

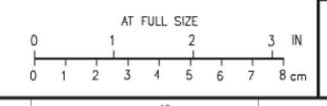
1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.

**CABLE LEGEND:**

- A - 3-1/2" #4 AWG AND #4 GND
- B - 3-1/2" #6 AWG AND #6 GND
- C - 2-1/2" #4 AWG AND #4 GND
- D - 2-1/2" #6 AWG AND #6 GND
- E - 3-1/2" #2/0 AWG AND #4 GND
- F - 3-1/2" #8 AWG AND #8 GND
- G - 2-1/2" #8 AWG AND #8 GND



FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE

**Stanley Consultants INC.**  
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
 www.stanleyconsultants.com

CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 1 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: T.KNAUS	NO. 177610100
CHECKED: E.LEAF	REV. 0
APPROVED: M.ZARGAR	EL01
DATE: 06-02-2006	



USER NAME = b.j.holman	DESIGNED -	REVISED -
PLOT SCALE = 1/800.0000' / 1m.	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

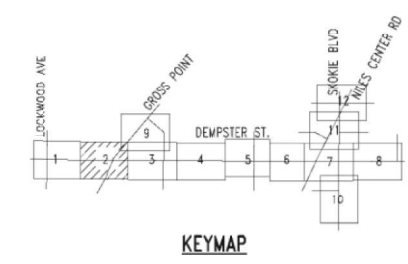
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>ARCHIVE CONSTRUCTION PLANS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 174
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

- CONSTRUCTION NOTES:**
1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.
  2. PROVIDE EXTRA 2" 90° SWEEP IN FOUNDATION. SWEEP SHALL BE ORIENTED TO THE SOUTH. PROVIDE A CONDUIT TRANSITION TO FEED FOUR EXISTING POLES TO THE SOUTH.
  3. LOCATE POLE 2' B/C TO CENTER OF POLE. PROVIDE BREAK AWAY COUPLINGS WITH NO DECORATIVE CLAM SHELL BASE. ALUMINUM SKIRT SHALL BE PAINTED BLACK WITH A POWDER COAT.

- CABLE LEGEND:**
- A - 3-1/C #4 AWG AND #4 GND
  - B - 3-1/C #6 AWG AND #6 GND
  - C - 2-1/C #4 AWG AND #4 GND
  - D - 2-1/C #6 AWG AND #6 GND
  - E - 3-1/C #2/O AWG AND #4 GND
  - F - 3-1/C #8 AWG AND #8 GND
  - G - 2-1/C #8 AWG AND #8 GND



NO.	REVISIONS	DWN	APVD	APVD	DATE

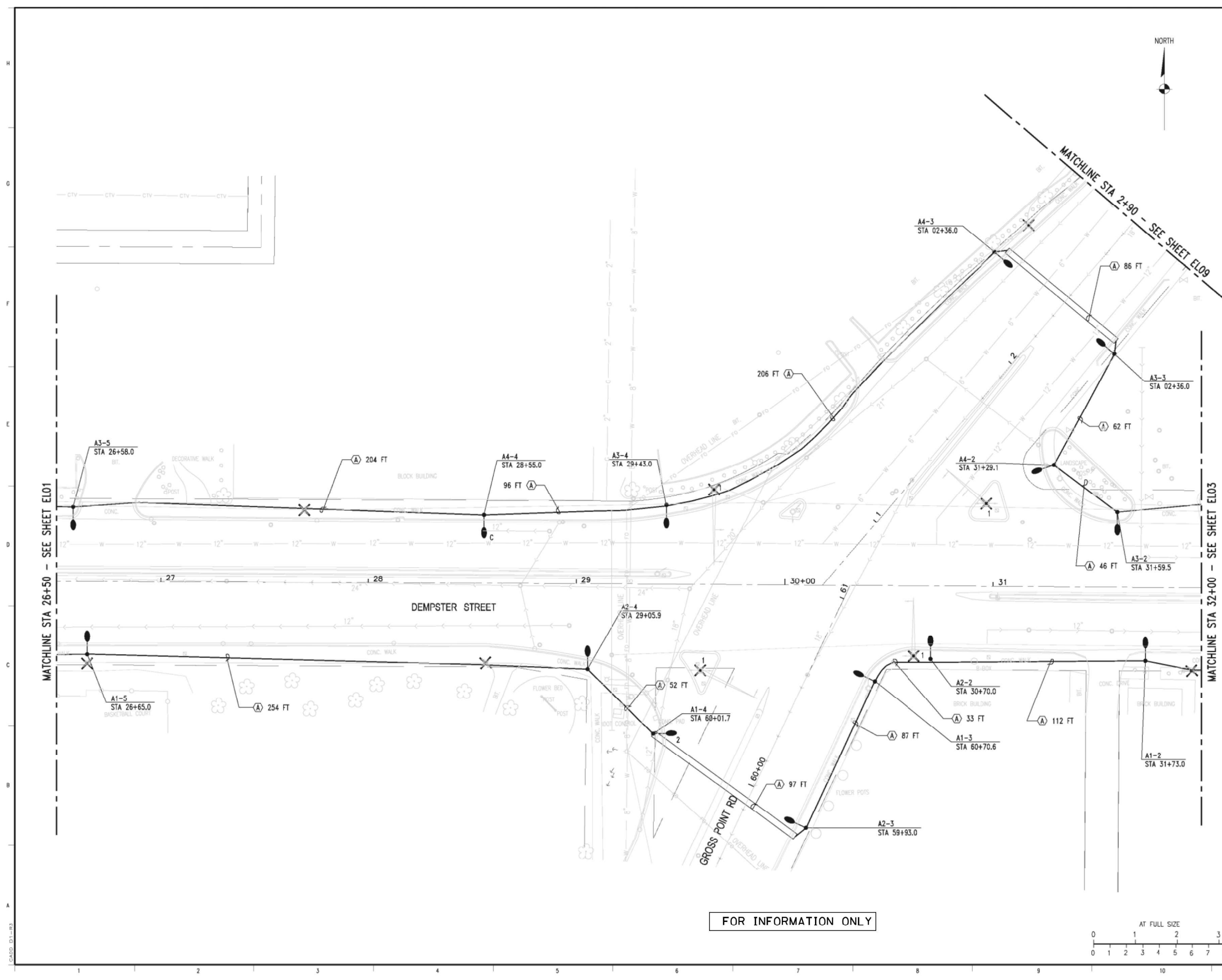
**Stanley Consultants INC.**  
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
 www.stanleyconsultants.com

CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

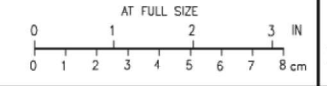
**LIGHTING PLANS**  
**SHEET 2 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J.KNAUS	NO. 177610100
CHECKED: E.LEAF	REV. 0
APPROVED: M.JARGAR	EL02
DATE: 06-02-2006	



FOR INFORMATION ONLY



USER NAME = b.j.holman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE = 07/30/2018	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 175
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

CARD 01-103

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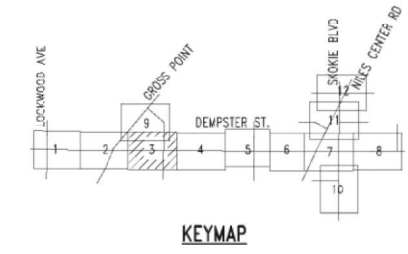


**CONSTRUCTION NOTES:**

1. INSTALL CONTROLLER 'A' NEXT TO EXISTING CONTROLLER. EXISTING CONTROLLER SHALL REMAIN IN OPERATION UNTIL CONTROLLER 'A' AND NEW LIGHTING SYSTEM ARE APPROVED OPERATIONAL. PROVIDE 3 GROUND RODS SPACED 'B' FROM EACH OTHER. EXISTING LIGHTING CONTROLLER SHALL BE REMOVED WHEN NEW LIGHTING SYSTEM IS APPROVED OPERATIONAL.

**CABLE LEGEND:**

- A - 3-1/C #4 AWG AND #4 GND
- B - 3-1/C #6 AWG AND #6 GND
- C - 2-1/C #4 AWG AND #4 GND
- D - 2-1/C #6 AWG AND #6 GND
- E - 3-1/C #2/O AWG AND #4 GND
- F - 3-1/C #8 AWG AND #8 GND
- G - 2-1/C #8 AWG AND #8 GND



NO.	REVISIONS	DWN	APVD	APVD	DATE

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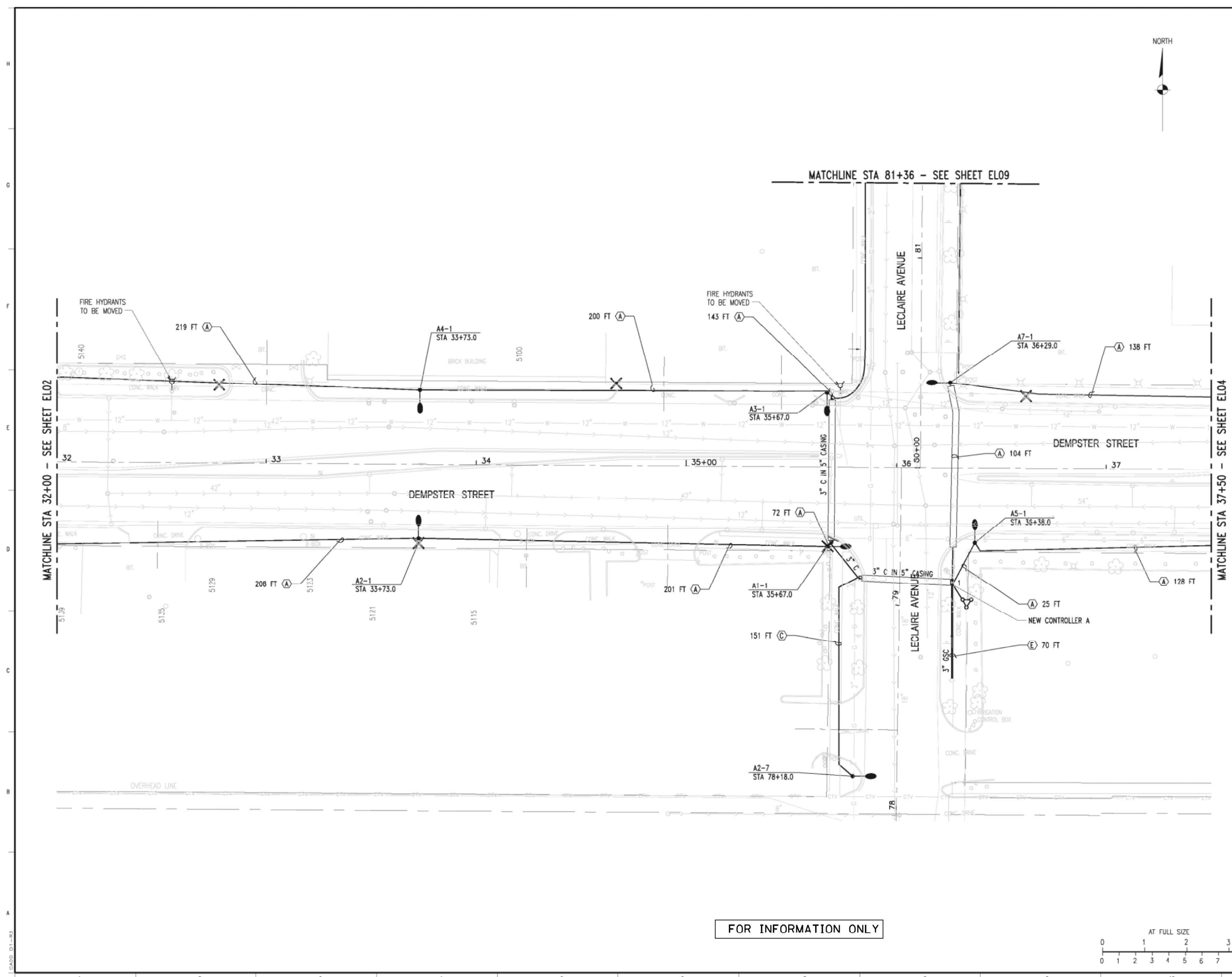
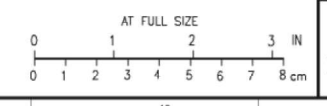
CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 3 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J. NAJAS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL03
DATE: 06-02-2006	

FOR INFORMATION ONLY



USER NAME = bjoalman	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 176
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

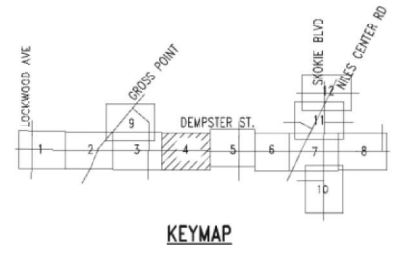
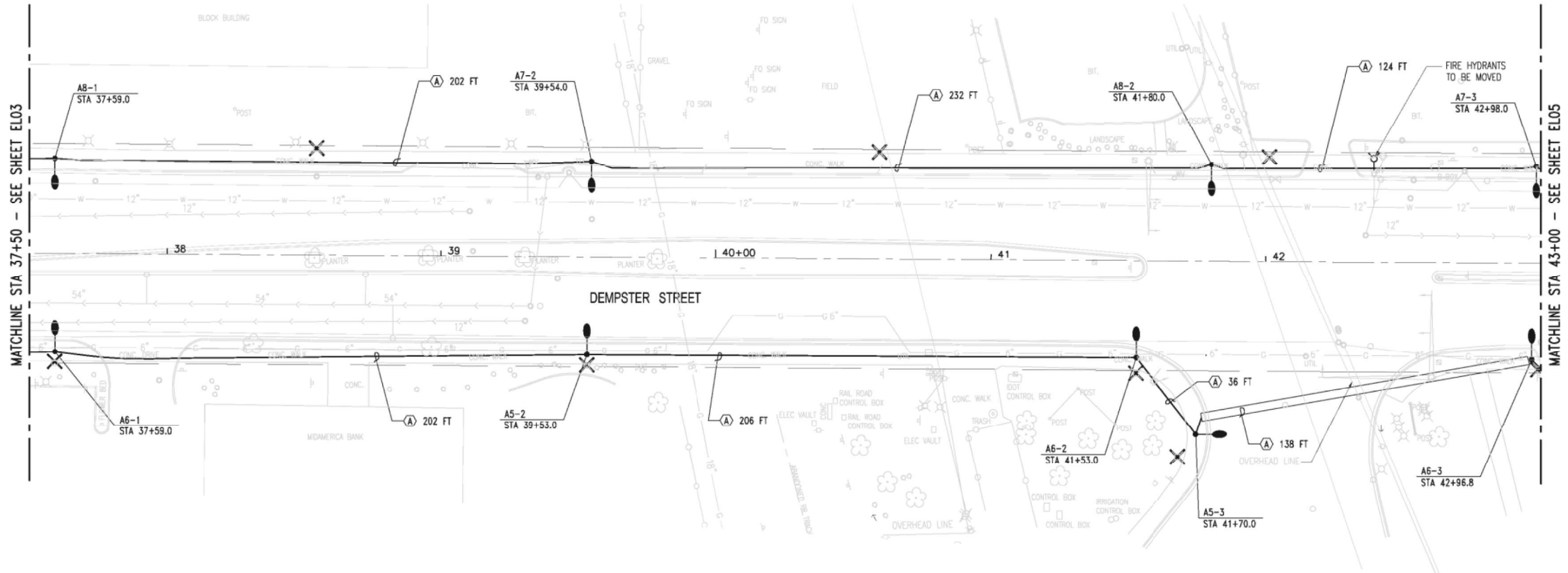
CADD 01-183

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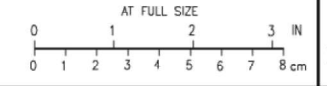


**CABLE LEGEND:**

- A - 3-1/C #4 AWG AND #4 GND
- B - 3-1/C #6 AWG AND #6 GND
- C - 2-1/C #4 AWG AND #4 GND
- D - 2-1/C #6 AWG AND #6 GND
- E - 3-1/C #2/0 AWG AND #4 GND
- F - 3-1/C #8 AWG AND #8 GND
- G - 2-1/C #8 AWG AND #8 GND



FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE

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CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 4 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED SKOSS	SCALE: 1"=20'-0"
DRAWN T.KNAUS	NO. 177610100
CHECKED E. LEAF	REV.
APPROVED M. ZARGAR	EL04
DATE 06-02-2006	0

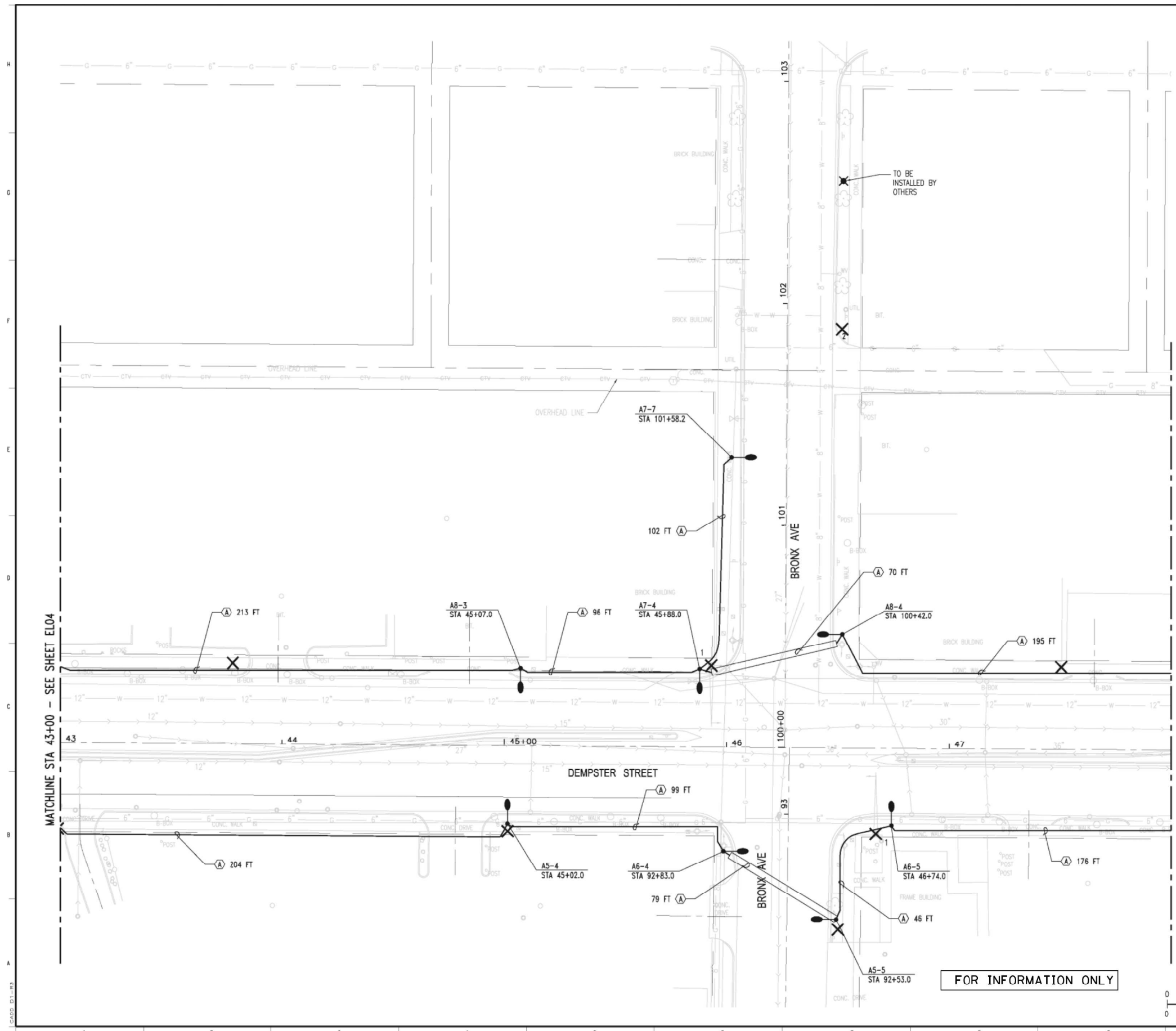


USER NAME = bjholman	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

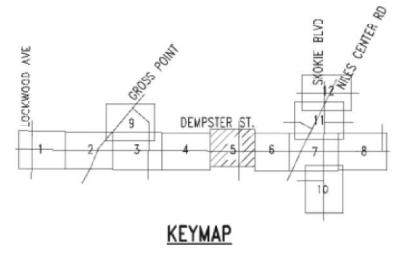
<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>ARCHIVE CONSTRUCTION PLANS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 177
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



- CONSTRUCTION NOTES:**
1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.
  2. EXISTING WOOD POLE TO BE REMOVED BY COMED.

- CABLE LEGEND:**
- A - 3-1/2" #4 AWG AND #4 GND
  - B - 3-1/2" #6 AWG AND #6 GND
  - C - 2-1/2" #4 AWG AND #4 GND
  - D - 2-1/2" #6 AWG AND #6 GND
  - E - 3-1/2" #2/0 AWG AND #4 GND
  - F - 3-1/2" #8 AWG AND #8 GND
  - G - 2-1/2" #8 AWG AND #8 GND



NO.	REVISIONS	DWN	APVD	APVD	DATE

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 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
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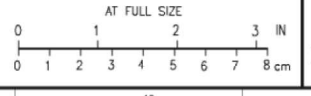
CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 5 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J. NAJAS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL05
DATE: 06-02-2006	

FOR INFORMATION ONLY



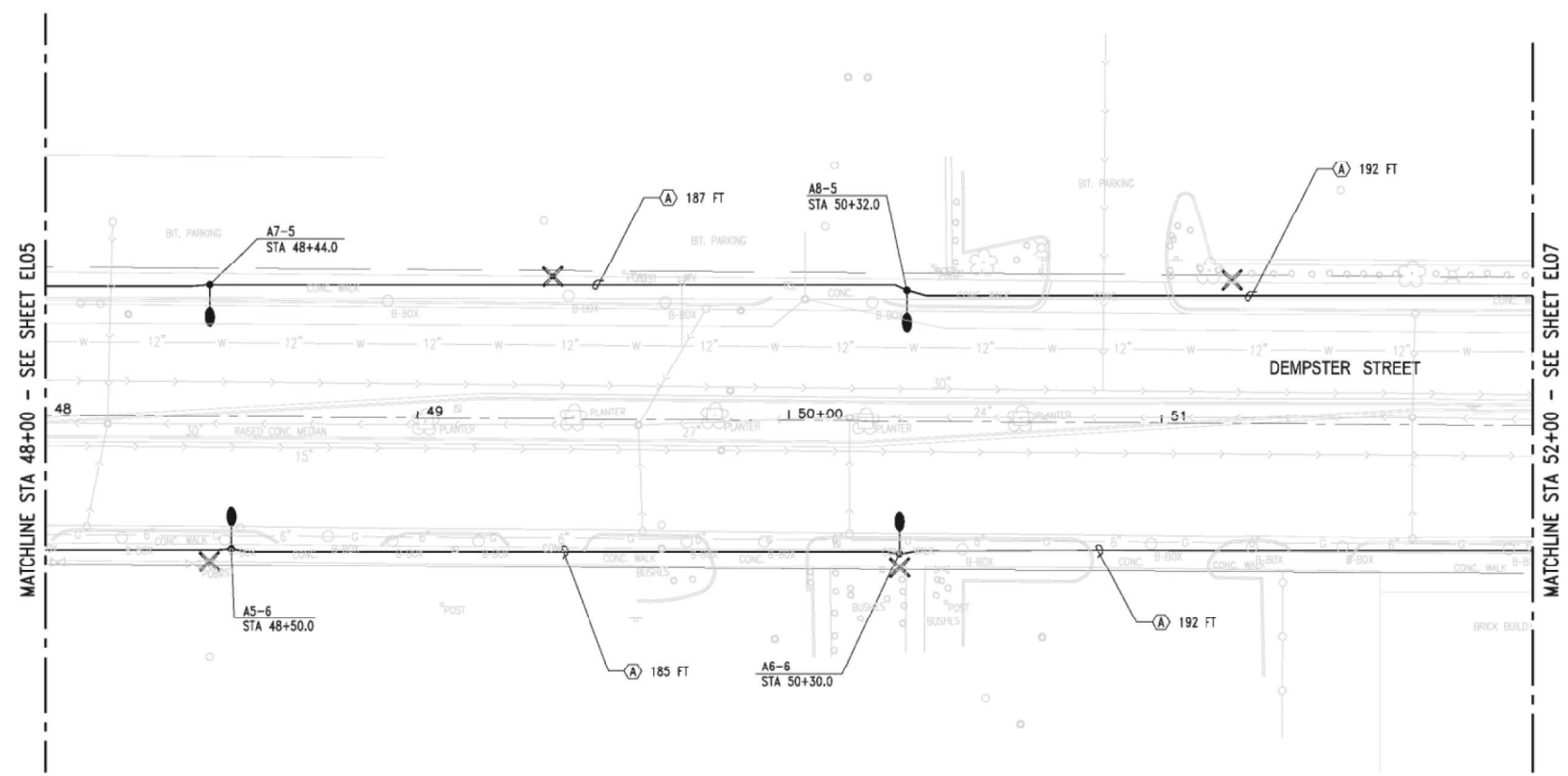
USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
 ARCHIVE CONSTRUCTION PLANS**

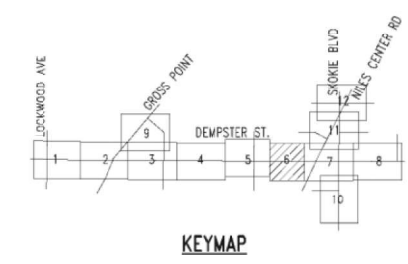
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 178
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

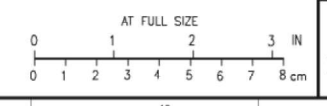


**CABLE LEGEND**

- A - 3-1/C #4 AWG AND #4 GND
- B - 3-1/C #6 AWG AND #6 GND
- C - 2-1/C #4 AWG AND #4 GND
- D - 2-1/C #6 AWG AND #6 GND
- E - 3-1/C #2/0 AWG AND #4 GND
- F - 3-1/C #8 AWG AND #8 GND
- G - 2-1/C #8 AWG AND #8 GND



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NO.	REVISIONS	DWN	APVD	APVD	DATE

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CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 6 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED SKOSS	SCALE: 1"=20'-0"
DRAWN J.KNAUS	NO. 177610100
CHECKED E. LEAF	REV. 0
APPROVED M. ZARGAR	EL06
DATE 06-02-2006	

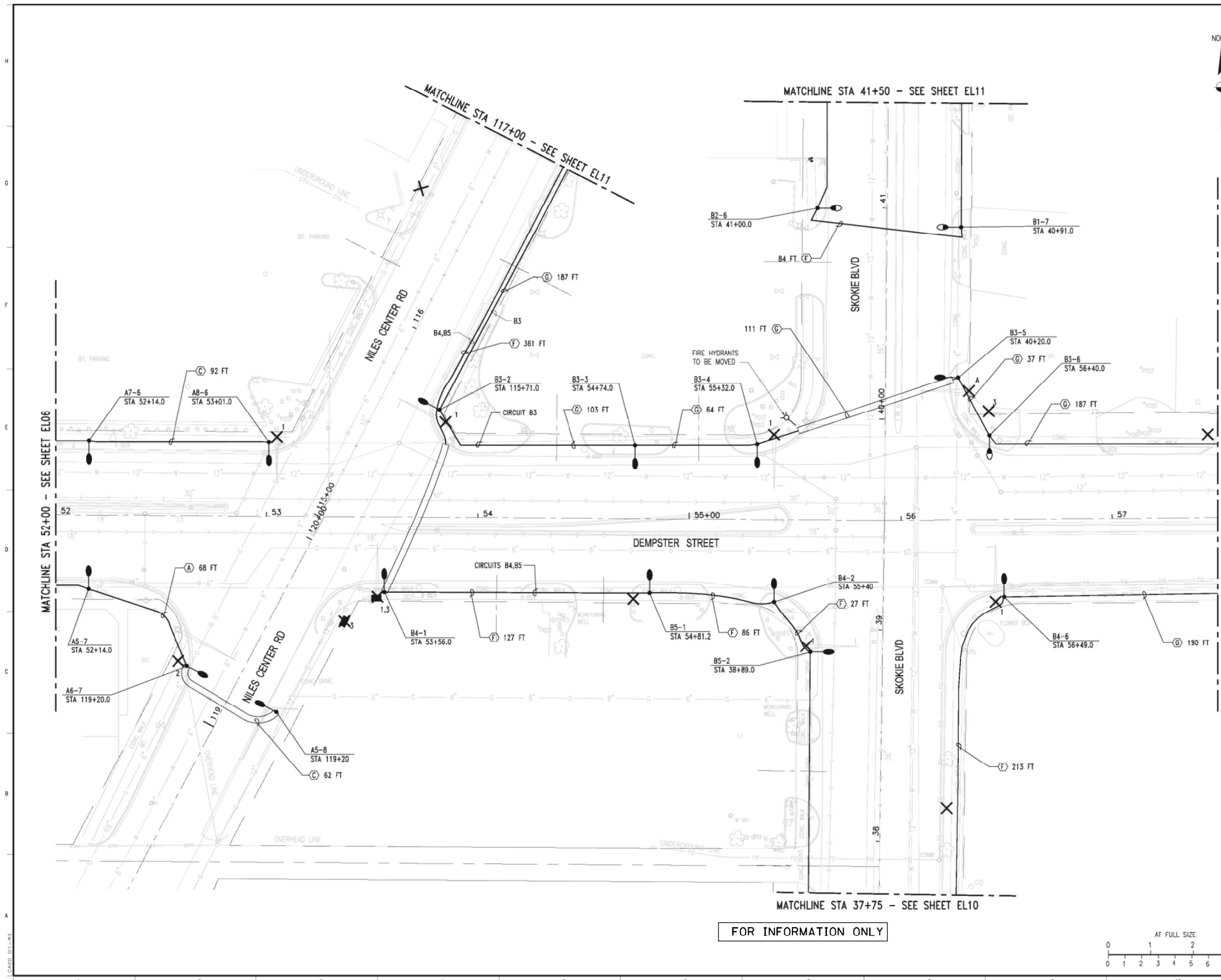


USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE - 07/30/2018	REVISED -

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

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>ARCHIVE CONSTRUCTION PLANS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 179
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

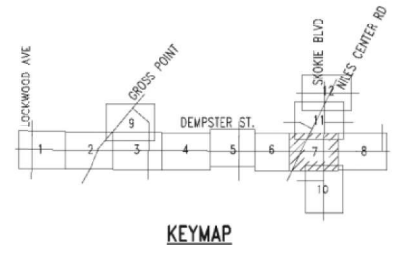


**CONSTRUCTION NOTES:**

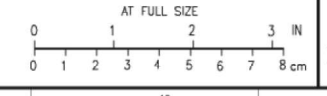
1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.
2. EXISTING WOOD LIGHTING UNIT TO BE REMOVED BY COMED.
3. REMOVE EXISTING CONCRETE FOUNDATION AT THESE LOCATIONS.

**CABLE LEGEND:**

- A - 3-1/2 #4 AWG AND #4 GND
- B - 3-1/2 #6 AWG AND #6 GND
- C - 2-1/2 #4 AWG AND #4 GND
- D - 2-1/2 #6 AWG AND #6 GND
- E - 3-1/2 #2/0 AWG AND #4 GND
- F - 3-1/2 #8 AWG AND #8 GND
- G - 2-1/2 #8 AWG AND #8 GND



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CITY OF SKOKIE  
 WEST DEMPSTER STREETScape PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 7 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED SKOSS	SCALE: 1"=20'-0"
DRAWN J.KNAUS	NO. 177610100
CHECKED E. LEAF	REV.
APPROVED M. ZARGAR	EL07
DATE 06-02-2006	0



USER NAME = bjholman	DESIGNED -	REVISED -
PLOT SCALE = 1/8"=1'-0" / 1/4"	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

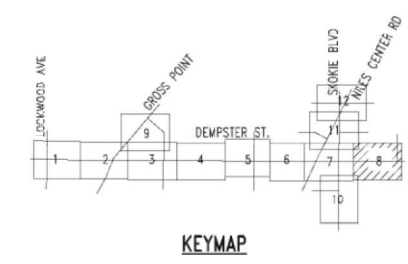
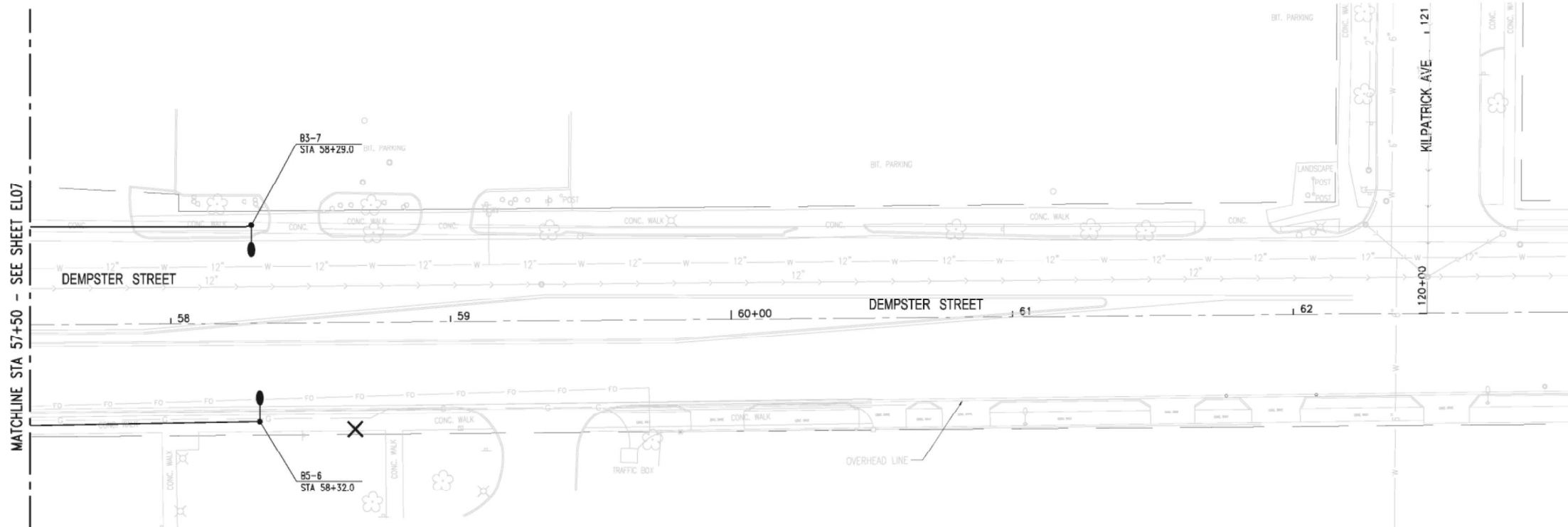
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 180
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



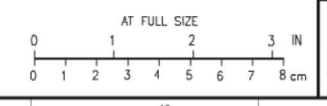


**CABLE LEGEND:**

- A - 3-1/C #4 AWG AND #4 GND
- B - 3-1/C #6 AWG AND #6 GND
- C - 2-1/C #4 AWG AND #4 GND
- D - 2-1/C #6 AWG AND #6 GND
- E - 3-1/C #2/0 AWG AND #4 GND
- F - 3-1/C #8 AWG AND #8 GND
- G - 2-1/C #8 AWG AND #8 GND



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NO.	REVISIONS	DWN	APVD	APVD	DATE

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CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 8 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J. NAJAS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL08
DATE: 06-02-2006	

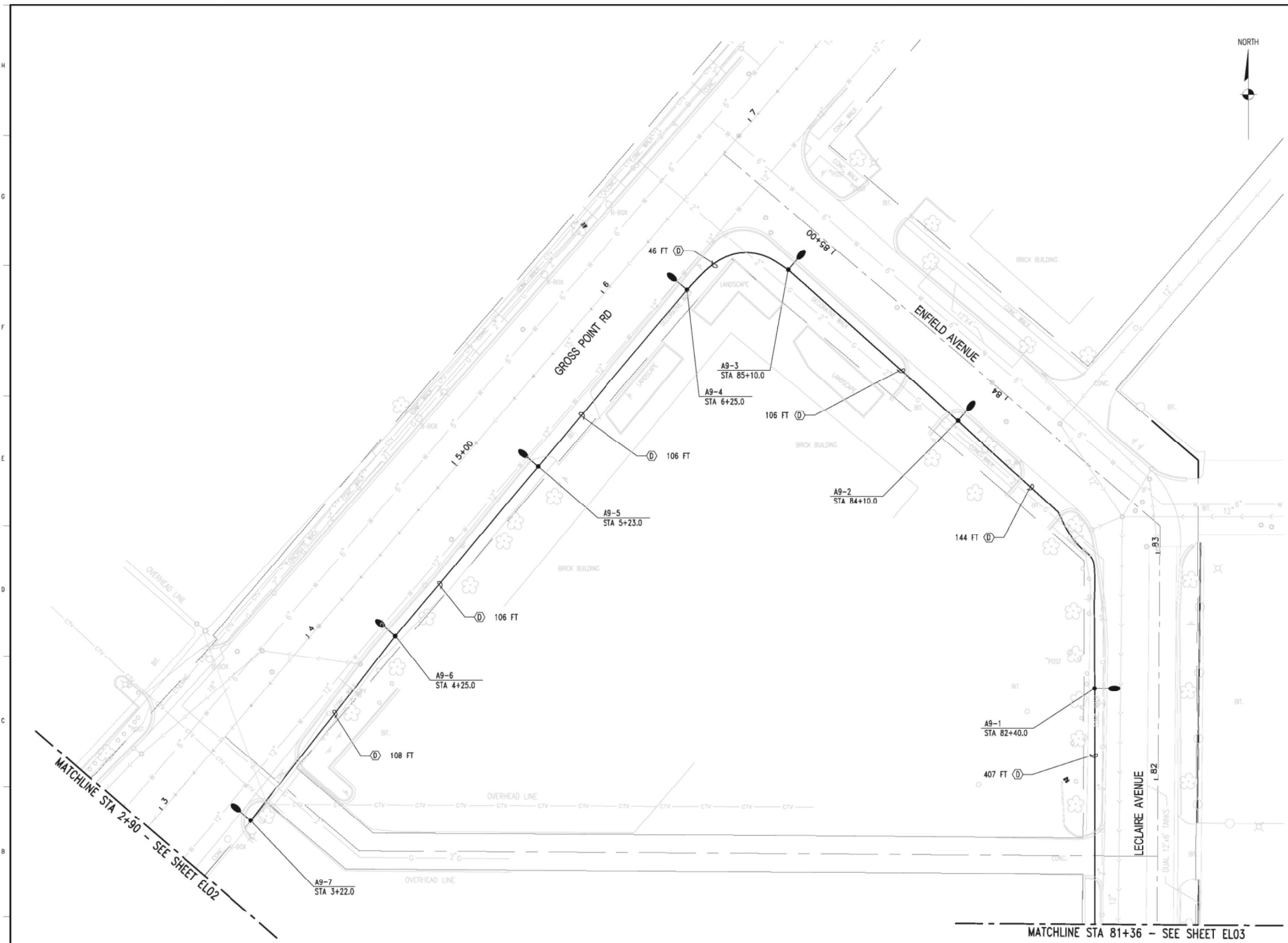


USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE - 07/30/2018	REVISED -

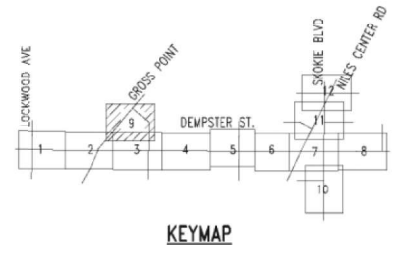
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>ARCHIVE CONSTRUCTION PLANS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 181
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



- CABLE LEGEND:**
- A - 3-1/C #4 AWG AND #4 GND
  - B - 3-1/C #6 AWG AND #6 GND
  - C - 2-1/C #4 AWG AND #4 GND
  - D - 2-1/C #6 AWG AND #6 GND
  - E - 3-1/C #2/0 AWG AND #4 GND
  - F - 3-1/C #8 AWG AND #8 GND
  - G - 2-1/C #8 AWG AND #8 GND



NO.	REVISIONS	DWN	APVD	APVD	DATE

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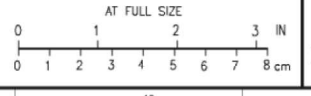
CITY OF SKOKIE  
 WEST DEMPSTER STREETScape PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 9 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J.KNAUS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL09
DATE: 06-02-2006	

FOR INFORMATION ONLY



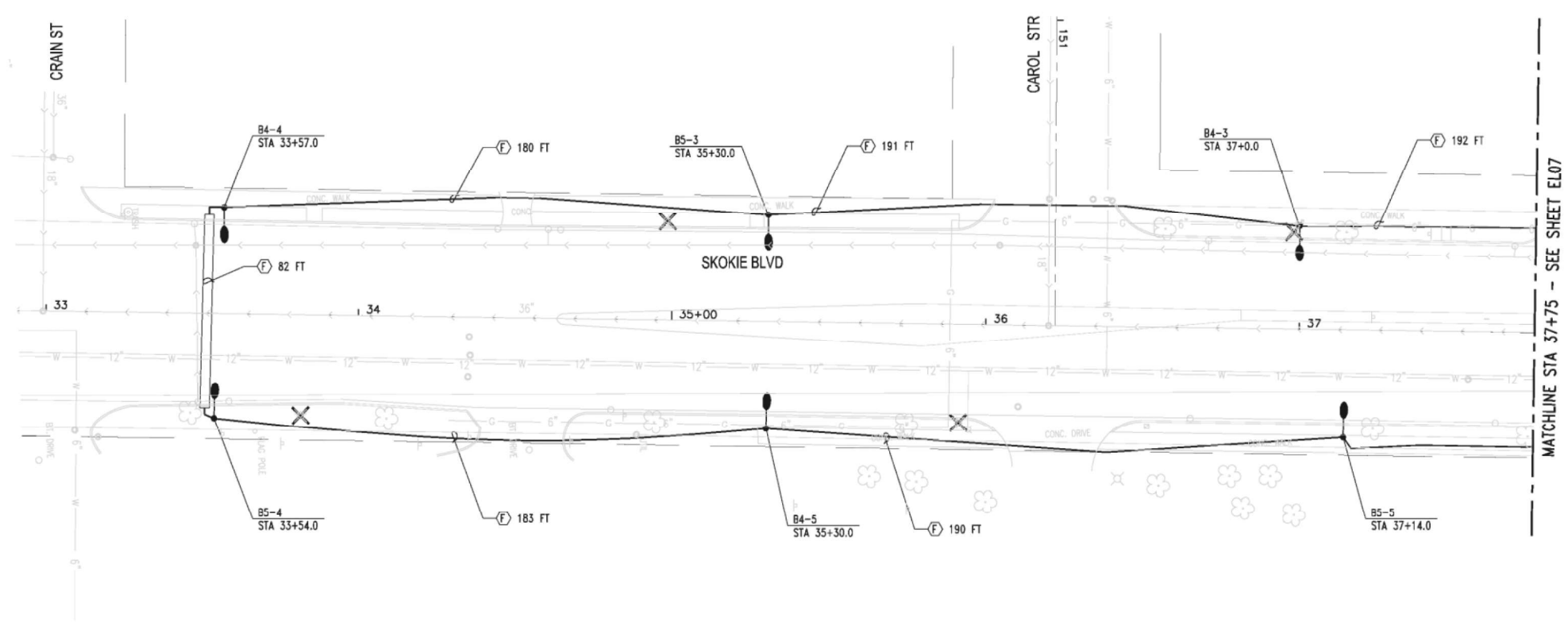
USER NAME = b.jholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

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

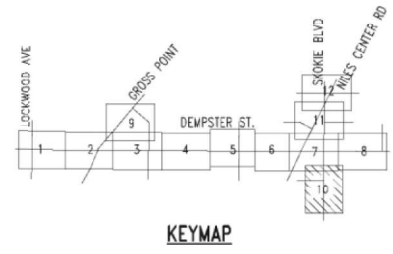
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 182
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

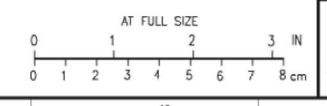
SCALE: SHEET OF SHEETS STA. TO STA.



- CABLE LEGEND:**
- A - 3-1/2" #4 AWG AND #4 GND
  - B - 3-1/2" #6 AWG AND #6 GND
  - C - 2-1/2" #4 AWG AND #4 GND
  - D - 2-1/2" #6 AWG AND #6 GND
  - E - 3-1/2" #2/0 AWG AND #4 GND
  - F - 3-1/2" #8 AWG AND #8 GND
  - G - 2-1/2" #8 AWG AND #8 GND



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NO.	REVISIONS	DWN	APVD	APVD	DATE

**Stanley Consultants INC.**  
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CITY OF SKOKIE  
 WEST DEMPSTER STREETSCAPE PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING PLANS**  
**SHEET 10 OF 12**

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J. NAJAS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL10
DATE: 06-02-2006	



USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE - 07/30/2018	REVISED -

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

<b>IL 58 (DEMPSTER ST) AT NILES CENTER RD &amp; US 41 (SKOKIE BLVD)</b>	
<b>ARCHIVE CONSTRUCTION PLANS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 183
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

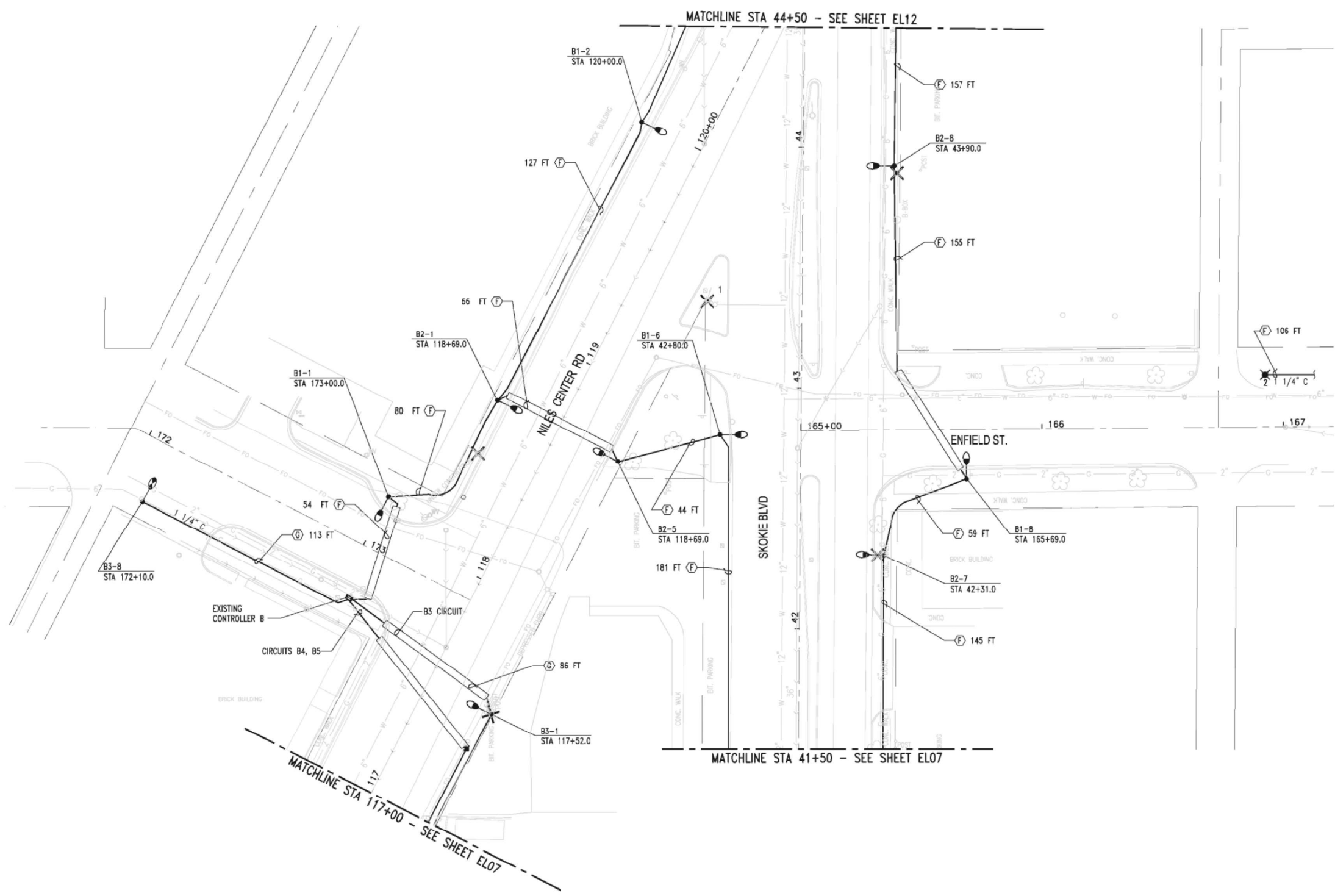
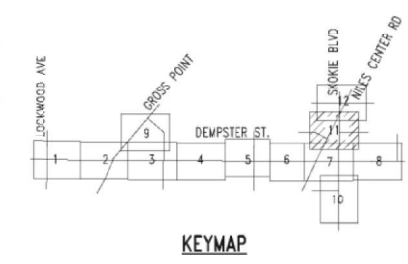


**CONSTRUCTION NOTES:**

1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.
2. PROVIDE NEW CABLE AND CONDUIT FROM PREVIOUS LIGHT POLE TO THIS LOCATION. ASSUME 100 FEET OF 1 1/4" HDPE CONDUIT.

**CABLE LEGEND:**

- A - 3-1/2 #4 AWG AND #4 GND
- D - 3-1/2 #6 AWG AND #6 GND
- C - 2-1/2 #4 AWG AND #4 GND
- D - 2-1/2 #6 AWG AND #6 GND
- E - 3-1/2 #2/0 AWG AND #4 GND
- F - 3-1/2 #8 AWG AND #8 GND
- G - 2-1/2 #8 AWG AND #8 GND



NO.	REVISIONS	DWN	APVD	APVD	DATE

**Stanley Consultants inc.**  
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
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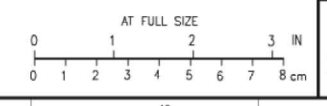
CITY OF SKOKIE  
WEST DEMPSTER STREETScape PROJECT  
SKOKIE, ILLINOIS

**LIGHTING PLANS**  
SHEET 11 OF 12

Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: 1"=20'-0"
DRAWN: J. NAUS	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M. ZARGAR	EL11
DATE: 06-02-2006	

FOR INFORMATION ONLY



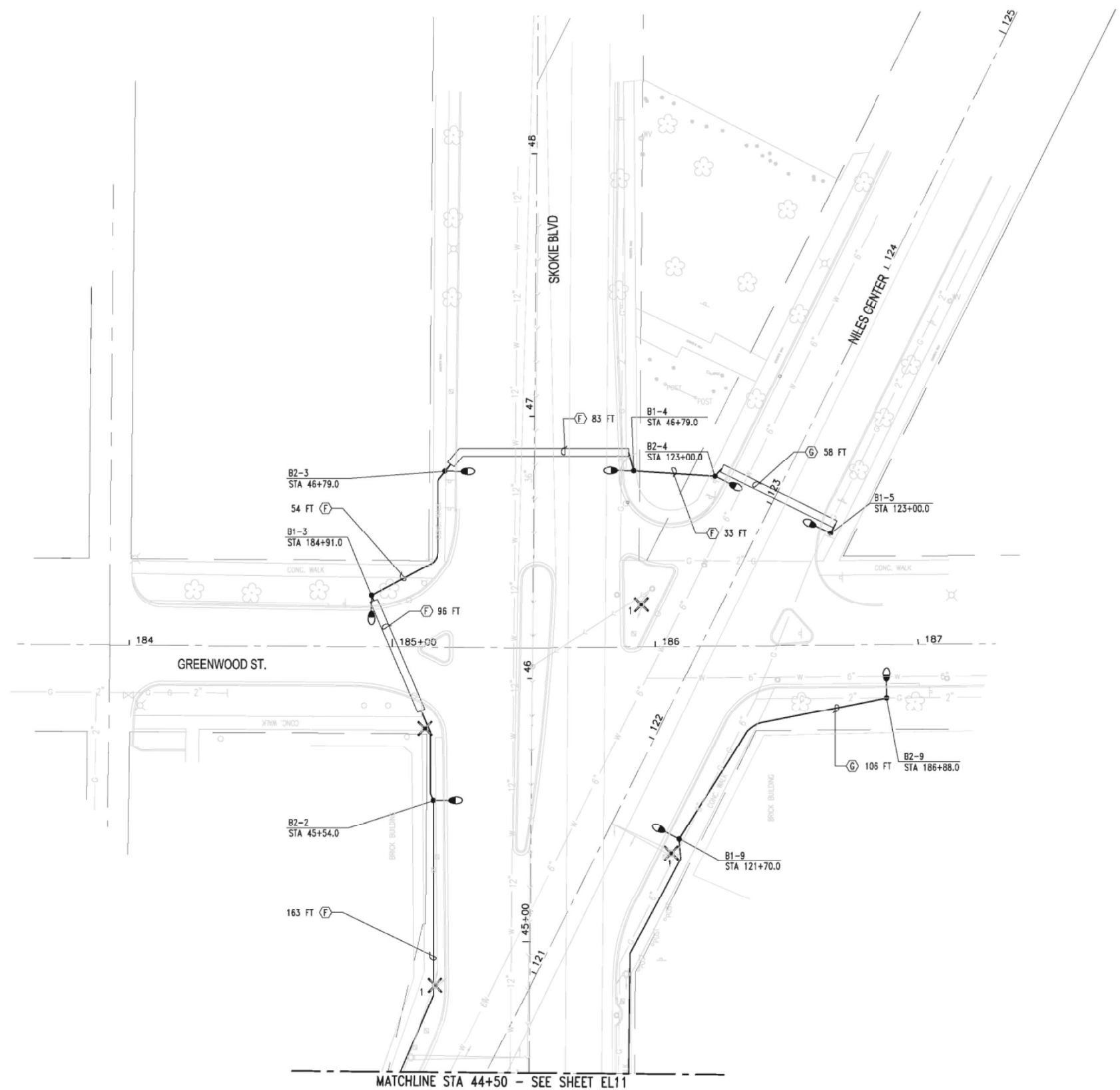
USER NAME = bjholman	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
ARCHIVE CONSTRUCTION PLANS

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 184
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

H  
G  
F  
E  
D  
C  
B  
A

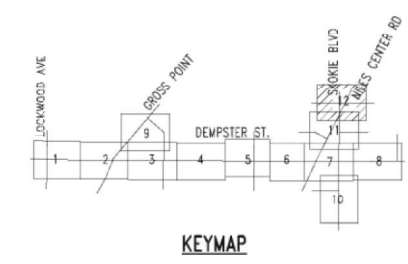


**CONSTRUCTION NOTES:**

1. REMOVE LUMINAIRE, ASSOCIATED MAST ARM AND POLE. EXTENSION TO ONE FOOT ABOVE TRAFFIC SIGNAL MAST ARM. REMOVE LIGHTING CABLE BACK TO SOURCE. PROVIDE SET SCREW CAP AND ALL ASSOCIATED HARDWARE AT TOP OF POLE.

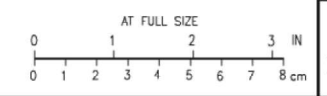
**CABLE LEGEND:**

- A - 3-1/2 #4 AWG AND #4 GND
- B - 3-1/2 #6 AWG AND #6 GND
- C - 2-1/2 #4 AWG AND #4 GND
- D - 2-1/2 #6 AWG AND #6 GND
- E - 3-1/2 #2/0 AWG AND #4 GND
- F - 3-1/2 #8 AWG AND #8 GND
- G - 2-1/2 #8 AWG AND #8 GND



MATCHLINE STA 44+50 - SEE SHEET EL11

FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE

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www.stanleyconsultants.com

CITY OF SKOKIE  
WEST DEMPSTER STREETScape PROJECT  
SKOKIE, ILLINOIS

**LIGHTING PLANS**  
SHEET 12 OF 12

Illinois Firm Registration No.: 184-001533

DESIGNED SKOSS	SCALE: 1"=20'-0"
DRAWN J. MAUS	NO. 177610100
CHECKED E. LEAF	REV.
APPROVED M. ZARGAR	EL12
APPROVED	0
DATE 06-02-2006	



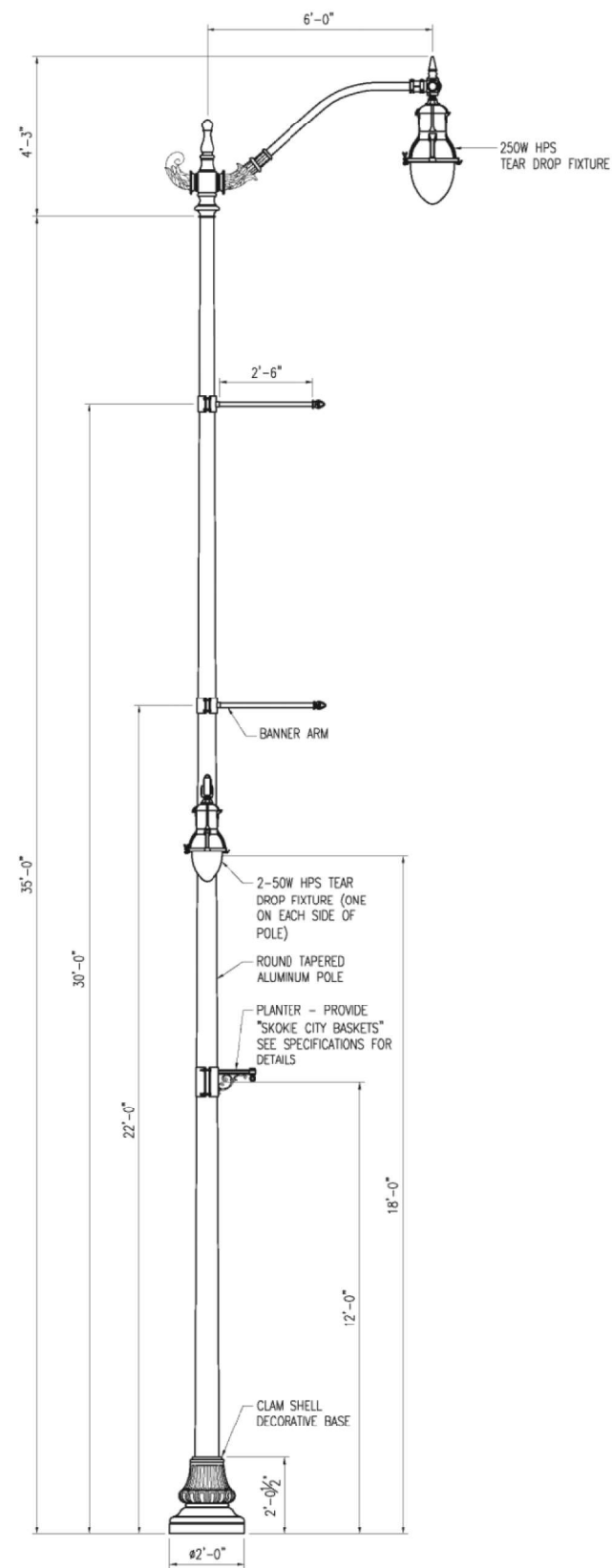
USER NAME = bjoelman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

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

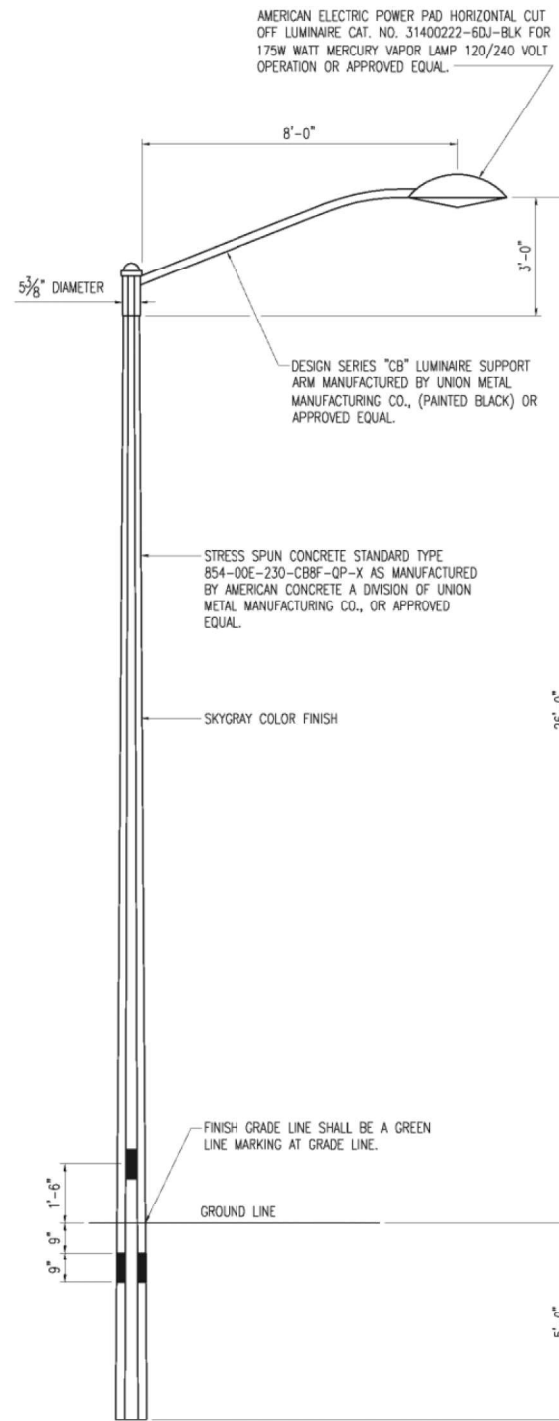
**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 185
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

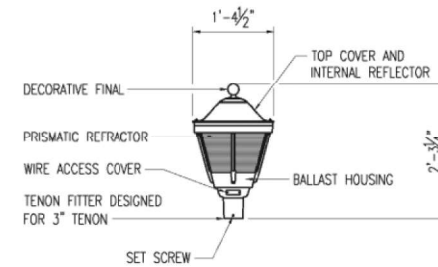
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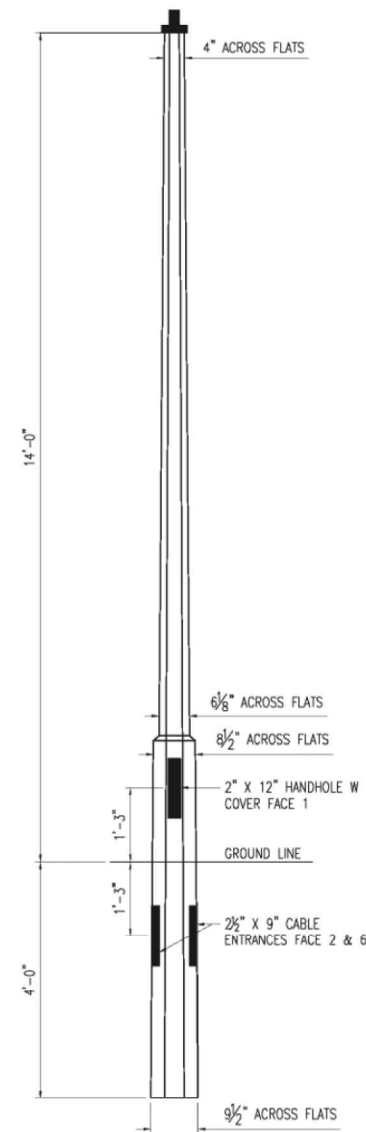
**ROADWAY LIGHT POLE (●)**  
SCALE: 1/2" = 1'-0"



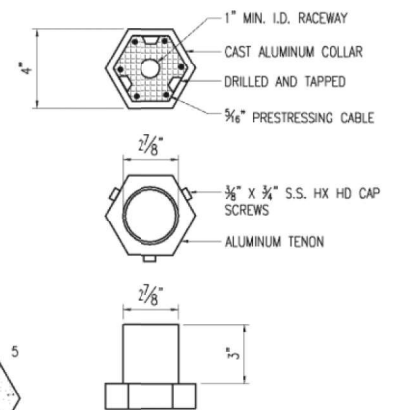
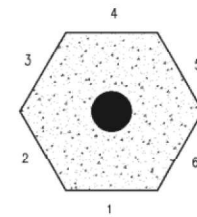
**RESIDENTIAL LIGHTPOLE 26' MH (●)**  
SCALE: 1/2" = 1'-0"



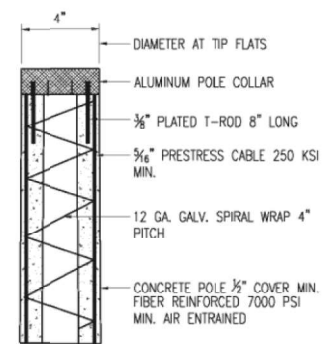
**175W MERCURY VAPOR LUMINAIRE**  
SCALE: 3/4" = 1'-0"



**RESIDENTIAL LIGHT POLE 14' MH (X)**  
SCALE: 3/4" = 1'-0"



**STRUCTURAL DETAILS**  
SCALE: 3" = 1'-0"



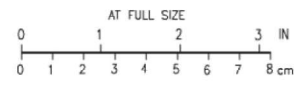
NO.	REVISIONS	DWN	APVD	APVD	DATE

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8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
www.stanleyconsultants.com

CITY OF SKOKIE  
WEST DEMPSTER STREETSCAPE PROJECT  
SKOKIE, ILLINOIS

**LIGHTING DETAILS**  
Illinois Firm Registration No.: 184-001533

DESIGNED: SKOSS	SCALE: AS NOTED
DRAWN: RDEJAROSA	NO. 177610100
CHECKED: E.LEAF	REV. 0
APPROVED: M.JARGAR	EG01
DATE: 06-02-2006	



FOR INFORMATION ONLY



USER NAME = b.j.holman	DESIGNED -	REVISED -
PLT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -
PLT DATE = 10/16/2018	CHECKED -	REVISED -
	DATE = 07/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 186
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

CONTRACTOR SHALL FURNISH AND INSTALL:

CONTROL CABINET - INCLUDING FOUNDATION AND METER CABINET WITH CONNECTION DEVICES, WIRES AND FITTINGS.

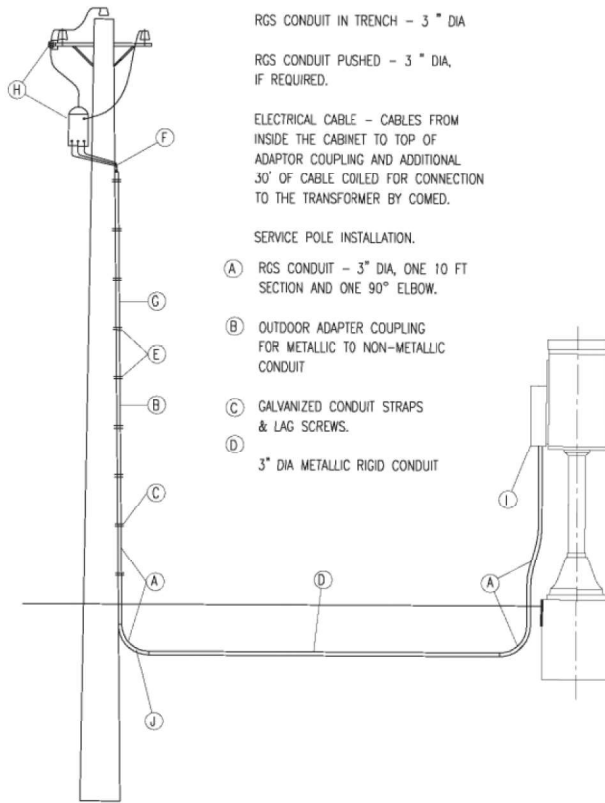
RGS CONDUIT IN TRENCH - 3" DIA

RGS CONDUIT PUSHED - 3" DIA, IF REQUIRED.

ELECTRICAL CABLE - CABLES FROM INSIDE THE CABINET TO TOP OF ADAPTOR COUPLING AND ADDITIONAL 30' OF CABLE COILED FOR CONNECTION TO THE TRANSFORMER BY COMED.

SERVICE POLE INSTALLATION.

- (A) RGS CONDUIT - 3" DIA, ONE 10 FT SECTION AND ONE 90° ELBOW.
- (B) OUTDOOR ADAPTER COUPLING FOR METALLIC TO NON-METALLIC CONDUIT
- (C) GALVANIZED CONDUIT STRAPS & LAG SCREWS.
- (D) 3" DIA METALLIC RIGID CONDUIT

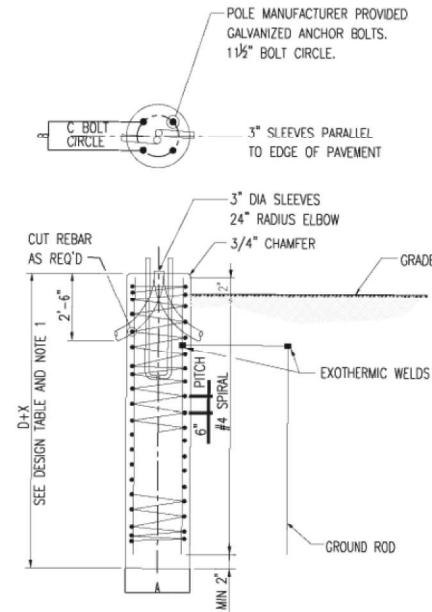


CONTRACTOR SHALL FURNISH AND COMMONWEALTH EDISON COMPANY SHALL INSTALL SERVICE POLE INSTALLATION

- (E) NON-METALLIC CONDUIT STRAPS & LAG SCREWS.
- (F) COMED - APPROVED SERVICE HEAD.
- (G) 3" DIA NON-METALLIC RIGID CONDUIT
- (H) SERVICE POLE INSTALLATION: TRANSFORMER, CUT-OUT SWITCH, LIGHTING ARRESTER, GROUNDING EQUIPMENT, INSULATORS, WIRES, POLE, MAST ARM, HARDWARE AND ANY OTHER EQUIPMENT AND LABOR DEEMED NECESSARY.
- (I) METER ON CONTROL CABINET AS PART OF SERVICE INSTALLATION
- (J) PROVIDE A GROUND ROD AS PART OF SERVICE INSTALLATION.

ELECTRIC SERVICE INSTALLATION: "ELECTRIC SERVICE INSTALLATION" APPLIES TO THOSE FACILITIES REQUIRED IN ADDITION TO WHAT IS DETERMINED BY AGREEMENT WITH C.E. COMPANY TO BE A NORMAL INSTALLATION AND SUCH FACILITIES WILL BE PAID FOR AS "ELECTRICAL SERVICE INSTALLATION."

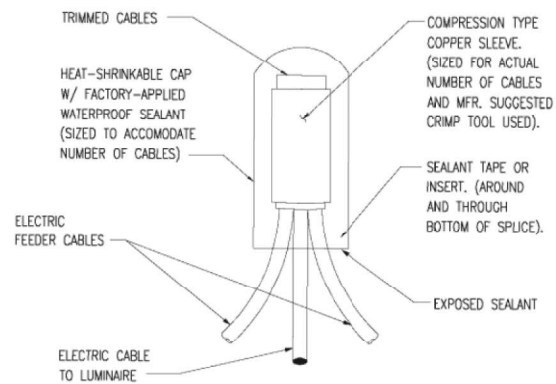
SERVICE SHALL BE INSTALLED OF APPROPRIATE SIZE SUCH THAT THE AVAILABLE SHORT CIRCUIT CURRENT TO ANY CONTROLLER WILL NOT EXCEED 10 KAIC.



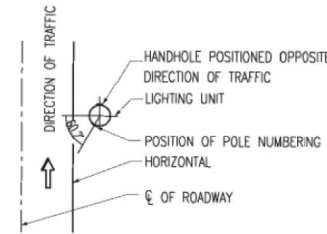
FOUNDATION DETAIL

DESIGN TABLE

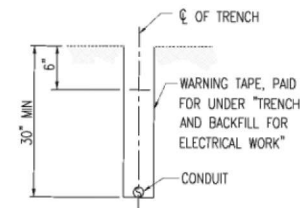
TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION SINGLE ARM D	REINFORCEMENT IN FOUNDATION SINGLE ARM	
		VERT BARS	SPIRAL
SOFT CLAY	17'-0"	8-#8x16'-0"	#4x157'
MEDIUM CLAY	12'-0"	8-#8x11'-0"	#4x110'
STIFF CLAY	8'-3"	8-#8x7'-6"	#4x78'
LOOSE SAND	10'-9"	8-#8x10'-0"	#4x102'
MEDIUM SAND	9'-3"	8-#8x8'-6"	#4x88'
DENSE SAND	8'-0"	8-#8x7'-6"	#4x78'
ROCK OR SOLID-RED SLAG	5'-0"	NONE	NONE



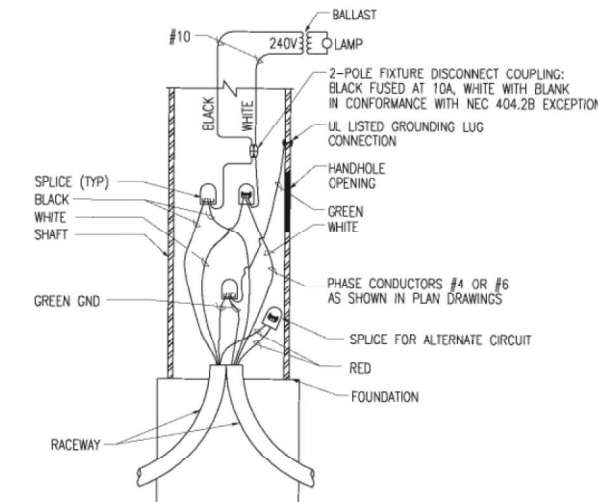
SPLICING DETAIL



HANDHOLE AND POLE NUMBERING

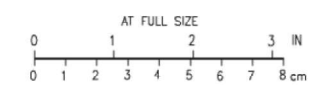


TRENCH CROSS SECTION



POLE BASE WIRING DIAGRAM FOR TYPICAL LUMINAIRE  
SCALE: NOT TO SCALE

FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE

**Stanley Consultants INC.**  
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www.stanleyconsultants.com

CITY OF SKOKIE  
WEST DEMPSTER STREETSCAPE PROJECT  
SKOKIE, ILLINOIS

**LIGHTING DETAILS**  
Illinois Firm Registration No.: 184-001533

DESIGNED: S.KOSS	SCALE: AS NOTED
DRAWN: D. JACKSON	NO. 177610100
CHECKED: E. LEAF	REV. 0
APPROVED: M.JARGAR	EG02
DATE: 06-02-2006	



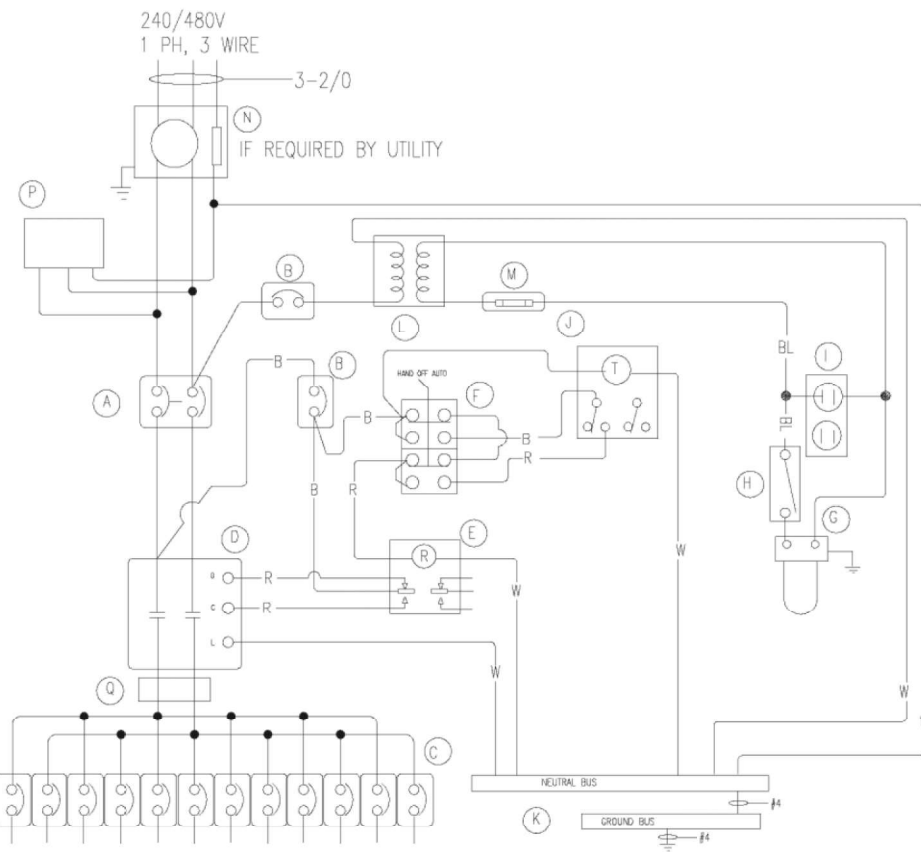
USER NAME = b.j.holman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 07/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
ARCHIVE CONSTRUCTION PLANS

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 187
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



**BILL OF MATERIALS**

ITEM	QTY	DESCRIPTION
A	1	C/H 2P/150A JDB2150
B	2	C/H 1P/15A EHD1015L
C	12	C/H 1P/30A EHD1030LZ04
D	1	SQ.D 8903 PBR10V03 240V COIL
E	1	MAGNECRAFT W389ACX-10
F	1	SQUARE D 9001KYK111 HOA
G	1	RAB VX100DC LIGHT FIXTURE
H	1	MICRO BA2RQ1-A2 DOOR SWITCH
I	1	LEVITON 8599 GFCI 15A RECP.
J	1	TORK DZS100A TIME CLOCK
K	2	GROUND/NEUTRAL BUS BARS
L	1	XFMR .5KVA JEFFERSON 411-0051-000
M	1	FUSE BUSS KTK-5
N	1	METER FITTING MILBANK U-8949
P	1	SURGE ARRESTOR SQ.D SDSA3650
Q	2	MARATHON 1442560 SPLICE BLOCK

R = RED  
 B = BLACK  
 W = WHITE  
 BL = BLUE

Q:\skokie\1776\07-Design\05-Dwgs\05-data\controller.jpg

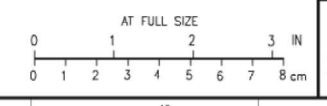
**LIGHTING CONTROLLER SCHEMATIC**  
 SCALE: NOT TO SCALE

**GENERAL NOTES**

- METAL BOX SHALL BE GROUNDED.
- PHOTOCELL SHALL BE MOUNTED UNDER FRONT LIP OF CONTROLLER.
- AS MANUFACTURED BY EXCEL LTD, OR APPROVED EQUAL.
- PROVIDE FOUNDATION FOR THE CONTROLLER THAT IS 5' DEEP AND PROVIDES A 4" LIP ON ALL SIDES OF CONTROLLER. USE 4 LIGHT POLE ANCHOR BOLTS TO MOUNT UNIT TO FOUNDATION. PROVIDE A MAINTENANCE PAD AS REQUIRED IN SPECIFICATIONS.
- THE CABINET SHALL BE FABRICATED FROM .125 INCH TYPE 5052-H32 ALUMINUM. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL. THE CABINET SHALL BE RATED NEMA 3R.
- THE DOORS SHALL BE GASKETED PER SPECIFICATIONS. THE DOOR HANDLE SHALL BE 3" STAINLESS STEEL AND HAVE A PROVISION FOR PADLOCKING.
- THE ENCLOSURE SHALL BE VENTED. SLOTTED SCREENED VENT HOLES SHALL BE PROVIDED IN THE OVERHANG.
- THE MOUNTING PANEL SHALL BE 3" ARBORON MATERIAL. EXPOSED BUS BARS SHALL BE INSULATED.
- THE CABINET SHALL BE PAINTED AND PRIMED AS SPECIFIED. FINISH COAT SHALL BE FLAT BLACK, POWDER PAINT TO MATCH POLES.
- CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS AND GREEN FOR GROUND BUS.
- POWER WIRING SHALL BE RATED RHH/RHW, 600V.
- CONTROL WIRING SHALL BE #12 MTW.
- ALL CONTROL WIRING SHALL BE STRANDED AND MARKED WITH BRADY MARKERS.
- ALL SWITCHES AND CONTROLS SHALL BE IDENTIFIED BY MEANS OF TWO COLOR ENGRAVED NAMEPLATES.
- THE CABINET SHALL BE PROVIDED WITH A STAINLESS NAMEPLATE 3"x12" ENGRAVED TO READ "STREET LIGHTING".
- PANEL SHALL BE 48" HIGH, 40" WIDE AND 12" DEEP MINIMUM.

**LIGHTING CONTROLLER PANEL LAYOUT**  
 SCALE: NOT TO SCALE

FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE

**Stanley Consultants INC.**  
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801  
 www.stanleyconsultants.com

CITY OF SKOKIE  
 WEST DEMPSTER STREETScape PROJECT  
 SKOKIE, ILLINOIS

**LIGHTING DETAILS**  
 Illinois Firm Registration No.: 184-001533

DESIGNED SKOSS	SCALE: AS NOTED
DRAWN D. JACKSON	NO. 177610100
CHECKED E. LEAF	REV. 0
APPROVED M. JARGAR	EG03
DATE 06-02-2006	



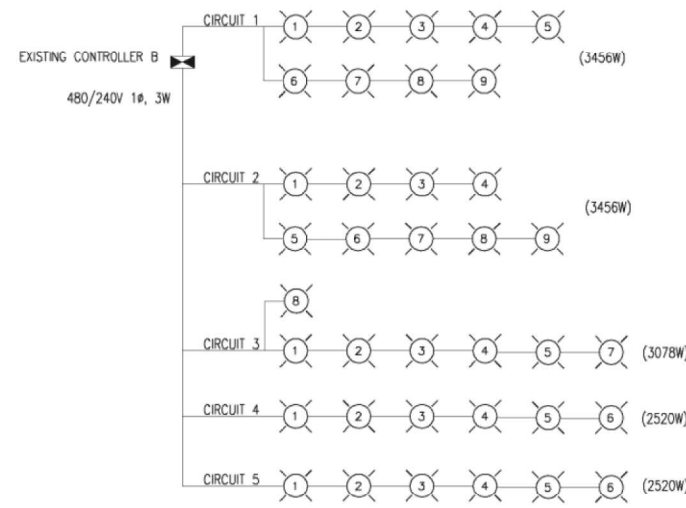
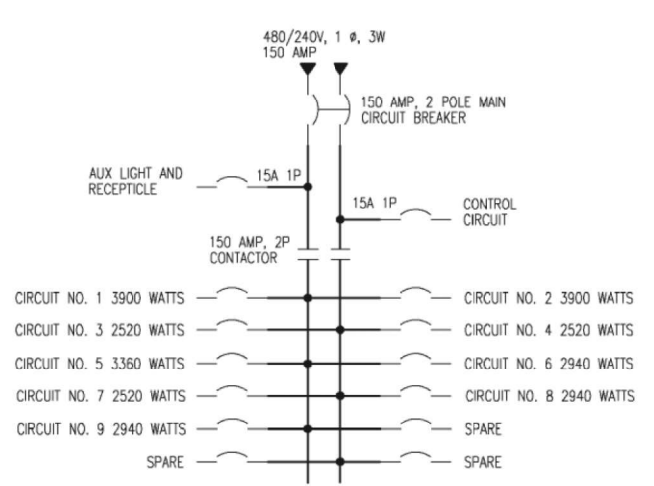
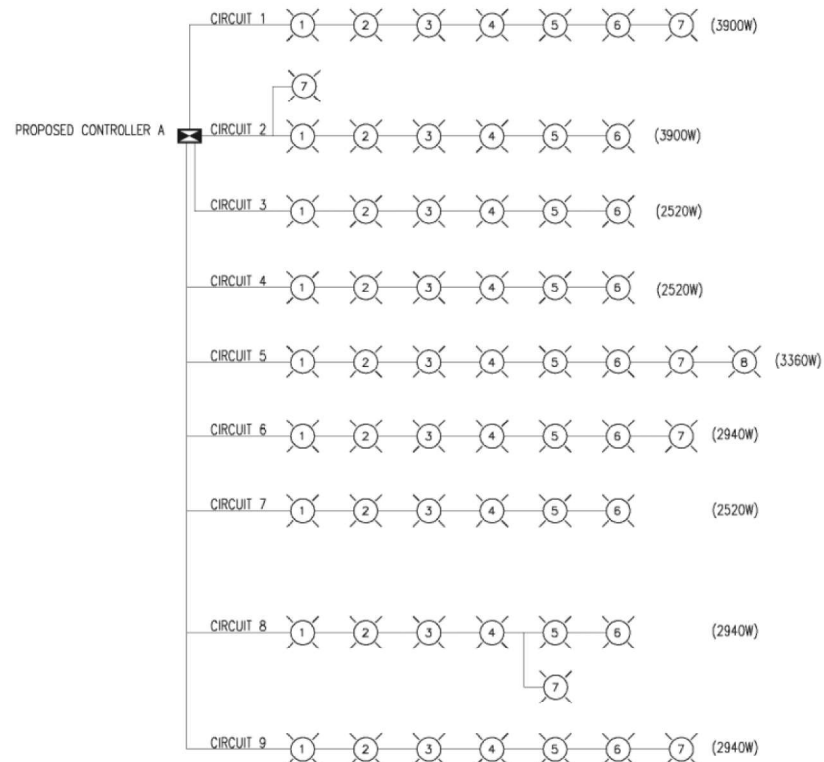
USER NAME = bjholman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE = 07/30/2018	REVISED -

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

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 188
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				





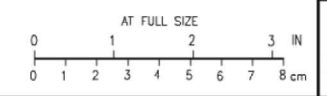
**PROPOSED SKOKIE CONTROLLER A  
CONTACTOR AND BREAKER SCHEDULE**

CONSOLE		NO. OF BRANCH BREAKERS 1 POLE 600 VOLT		MAIN BREAKER 2 POLE, 600 VOLT		CONTACTOR 2 POLE, 600 VOLT	
NO.	LOCATION	SIZES		SIZES		SIZE	
		DWG.	STATION	15A	30A		FRAME
A	SHEET E3	79+10	2	12	150	150	150 AMP

CONTROLLER "B" LOADS AT 240V

CIRCUIT	1	2	3	4	5
LOAD (AMPS)	14.4	14.4	12.8	10.5	10.5

FOR INFORMATION ONLY



NO.	REVISIONS	DWN	APVD	APVD	DATE
<p style="text-align: center; margin: 0;"><b>Stanley Consultants inc.</b></p> <p style="text-align: center; font-size: small; margin: 0;">8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801 www.stanleyconsultants.com</p> <p style="text-align: center; margin: 0;">CITY OF SKOKIE WEST DEMPSTER STREETSCAPE PROJECT SKOKIE, ILLINOIS</p> <p style="text-align: center; margin: 0;"><b>LIGHTING SYSTEM SCHEMATIC</b></p> <p style="text-align: center; font-size: x-small; margin: 0;">Illinois Firm Registration No.: 184-001533</p>					
DESIGNED	SKOSS	SCALE: AS NOTED			
DRAWN	D. JACKSON	NO. 177610100			
CHECKED	E. LEAF	REV.			
APPROVED	MJARGAR	<b>EG04</b>			
APPROVED	DATE	<b>0</b>			
DATE	06-02-2006				



USER NAME = bjoelman	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
PLOT DATE = 10/16/2018	DATE - 07/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)**  
**ARCHIVE CONSTRUCTION PLANS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 189
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				



GSI Job No. 18042B

SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY MM

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station
BORING NO. SB-01 Station 36+20 Offset 26.80ft Right
Ground Surface Elev. 627.50 ft

Table with columns: DEPTH (ft), BLOW S (ft/6"), UCS (tsf), MOIST (%)

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft
Groundwater Elev.: First Encounter 615.5 ft Upon Completion After Hrs.

Main soil log table with columns: Depth (ft), Description, Blow S, UCS, Moisture

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)



GSI Job No. 18042B

SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY MM

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station
BORING NO. SB-02 Station 40+02 Offset 26.80ft Left
Ground Surface Elev. 625.70 ft

Table with columns: DEPTH (ft), BLOW S (ft/6"), UCS (tsf), MOIST (%)

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft
Groundwater Elev.: First Encounter Dry ft Upon Completion After Hrs.

Main soil log table with columns: Depth (ft), Description, Blow S, UCS, Moisture

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Vertical text on the left margin: Z:\PROJECTS\2018\18042-B EFK MOEN, W/O 19 IL 58 AND SKOKIE BLVD\18042-B BORING LOGS\18042B\_LOG.GPJ 7/30/19

Vertical text on the left margin: Z:\PROJECTS\2018\18042-B EFK MOEN, W/O 19 IL 58 AND SKOKIE BLVD\18042-B BORING LOGS\18042B\_LOG.GPJ 7/30/19

Table with user information: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with project information: IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD) SOIL BORING LOGS

Table with sheet information: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.





GSI Job No. 18042B

# SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY MM

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3<sup>rd</sup> PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ Station \_\_\_\_\_  
 BORING NO. SB-05 Station 48+50 Offset 25.30ft Right  
 Ground Surface Elev. 611.30 ft

Surface Water Elev. n/a ft  
 Stream Bed Elev. n/a ft  
 Groundwater Elev.:  
 First Encounter 603.8 ft  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	(/6")	(tsf)	(%)

14.0" ASPHALT				
610.13	2			
CLAY-brown & gray-stiff to very stiff (A-6)	2	2.0	23	
	3	B		
	2			
	4	1.6	20	
	5	B		
silt seams from -6.0' to -7.5'	5			
	8	2.2	18	
	8	B		
	6			
	7	3.6	17	
	8	B		
600.80				
CLAY LOAM-gray-stiff	3			
	7	1.0	15	
	8	B		
	6			
	8	1.4	16	
	11	B		
596.30				
End Of Boring @ -15.0'. Boring backfilled with cuttings.				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



GSI Job No. 18042B

# SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY DS

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3<sup>rd</sup> PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ Station \_\_\_\_\_  
 BORING NO. SB-06 Station 16+13 Offset 25.60ft Right  
 Ground Surface Elev. 615.30 ft

Surface Water Elev. n/a ft  
 Stream Bed Elev. n/a ft  
 Groundwater Elev.:  
 First Encounter Dry ft  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	(/6")	(tsf)	(%)

4.0" ASPHALT, 6.0" CONCRETE				
614.47				
SANDY LOAM-brown-very loose (A-4)	3			
	2		14	
	2			
612.80				
CLAY-brown & gray-stiff to very stiff	2			
	2	1.8	17	
	3	P		
	3			
	4	2.5	17	
	4	B		
607.30				
CLAY LOAM-gray-stiff to very stiff	2			
	3	1.8	13	
	4	B		
	4			
silt seams from -11.0' to -12.5'	4			
	6	2.8	15	
	5	B		
	3			
	4	2.8	16	
	6	B		
600.30				
End Of Boring @ -15.0'. Boring backfilled with cuttings.				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Z:\PROJECTS\2018\18042-B EFK MOEN, W/O 19 IL 58 AND SKOKIE BLVD\18042-B BORING LOGS\18042B\_LOG.GPJ 7/30/19

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USER NAME = RG011	DESIGNED - RG	REVISED -
DRAWN - RG	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - JH	REVISIONS -
PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
 SOIL BORING LOGS  
 SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	192
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				







GSI Job No. 18042B

# SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY DS

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3<sup>rd</sup> PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ Station \_\_\_\_\_  
 BORING NO. SB-11 Station 117+26 Offset 18.60ft Right  
 Ground Surface Elev. 626.20 ft

Surface Water Elev. n/a ft  
 Stream Bed Elev. n/a ft  
 Groundwater Elev.:  
 First Encounter 615.2 ft ▼  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				12.0" ASPHALT
625.20				
9				SILTY SAND with Gravel & Stone-dark brown-medium dense (Apparent Fill)
10		10		
11				
623.20				SAND-brown-loose to medium dense
6				
7		19		
5				
-5				
3				
3		7		
3				
11				
12		23		
11				
-10				
7				
8		27		
9				
613.20				SANDY LOAM-gray-medium dense
9				
9		27		
5				
611.20				End Of Boring @ -15.0'. Boring backfilled with cuttings.
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
 BBS, from 137 (Rev. 8-99)



GSI Job No. 18042B

# SOIL BORING LOG

Page 1 of 1

Date 7/12/19

ROUTE FAP ROUTE 377 (IL58 / DEMPSTER ST) DESCRIPTION Project NHPP UH3S(286) Intersection Improvement LOGGED BY DS

SECTION 2003-065N LOCATION SE 1/4, SEC. 16, TWP. T41N, RNG. R13E, 3<sup>rd</sup> PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ Station \_\_\_\_\_  
 BORING NO. SB-12 Station 121+82 Offset 13.70ft Left  
 Ground Surface Elev. 628.20 ft

Surface Water Elev. n/a ft  
 Stream Bed Elev. n/a ft  
 Groundwater Elev.:  
 First Encounter 614.7 ft ▼  
 Upon Completion \_\_\_\_\_ ft  
 After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				2.0" ASPHALT, 6.0" CONCRETE
627.53				
6				GRAVEL & STONE-dark gray-medium dense (Fill)
7		8		
5				
625.20				SAND-brown-very loose to medium dense
2				
1		15		
2				
-5				
1				
2		12		
3				
4				
7		20		
7				
-10				
9				
9		23		
10				
615.20				SANDY LOAM-gray-medium dense
7				
11		23		
11				
613.20				End Of Boring @ -15.0'. Boring backfilled with cuttings.
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
 BBS, from 137 (Rev. 8-99)

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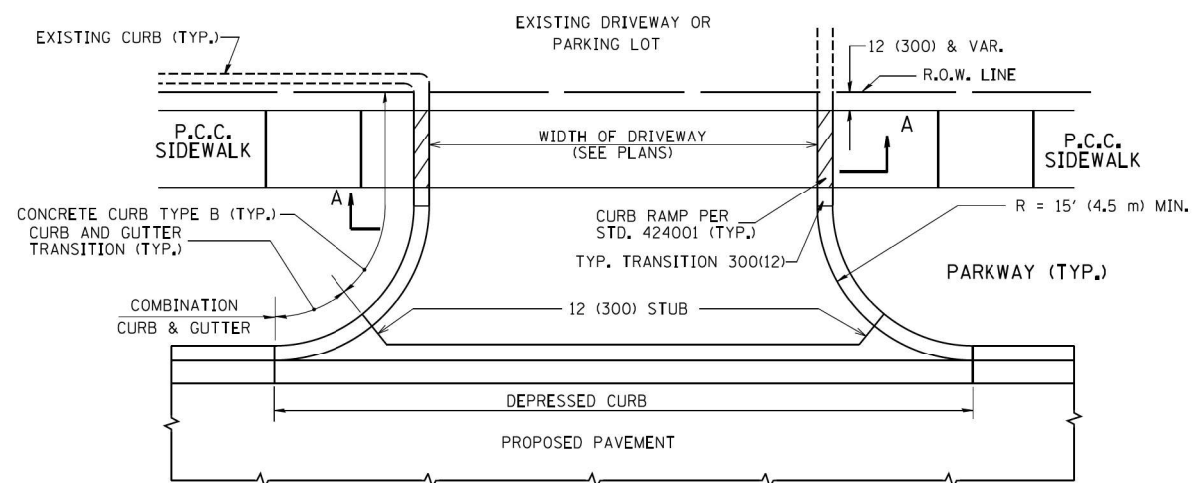
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PLOT DATE = 1/28/2021	DATE - 02/28/2020	REVISIONS -

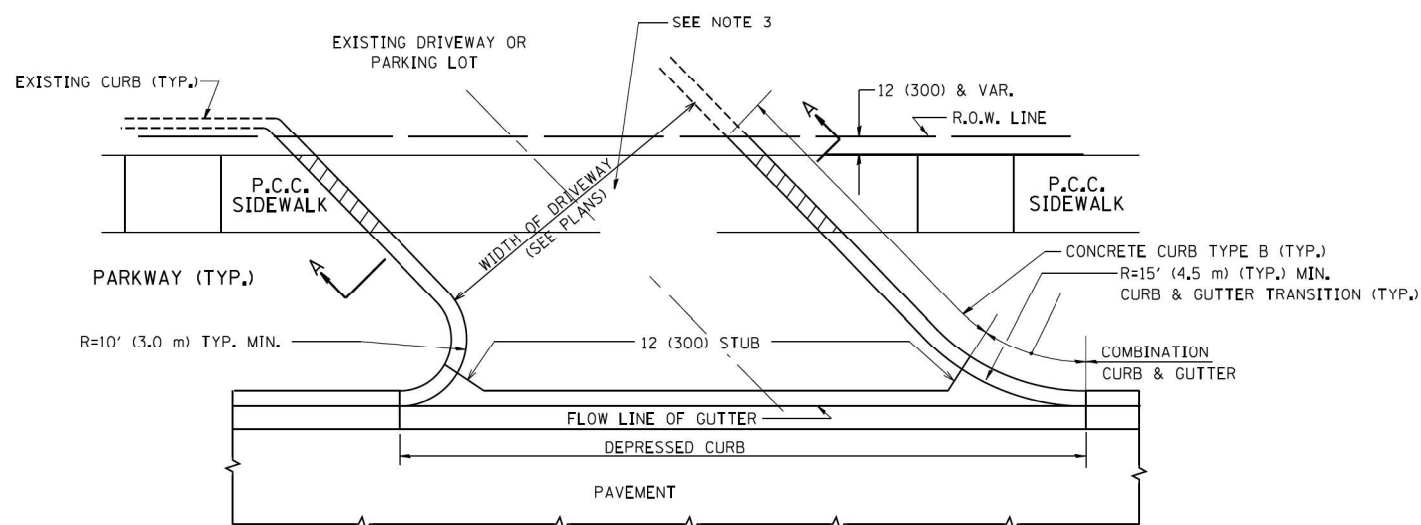
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 58 (DEMPSTER ST) AT NILES CENTER RD & US 41 (SKOKIE BLVD)  
 SOIL BORING LOGS  
 SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

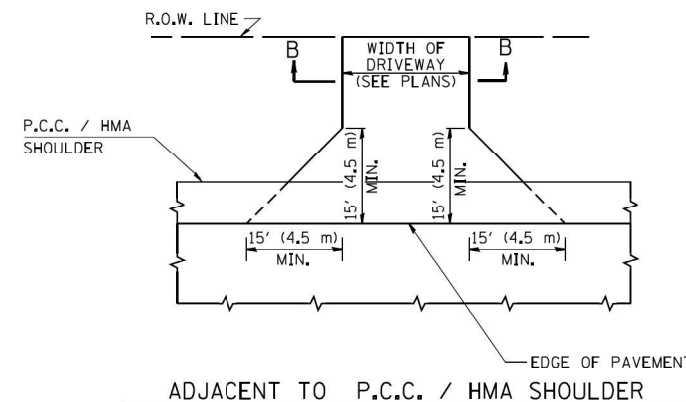
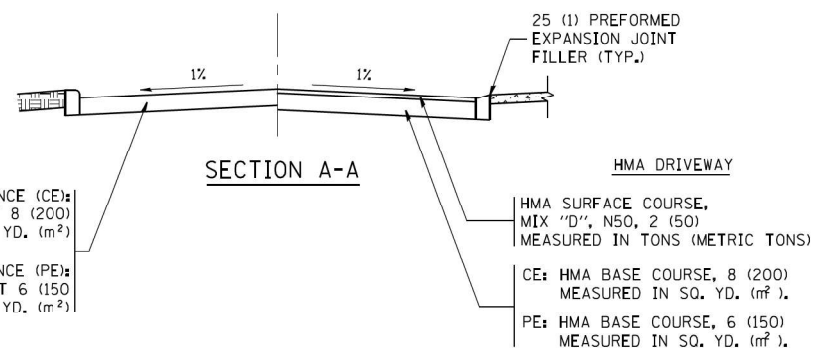
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				CONTRACT NO. 62633
ILLINOIS FED. AID PROJECT				



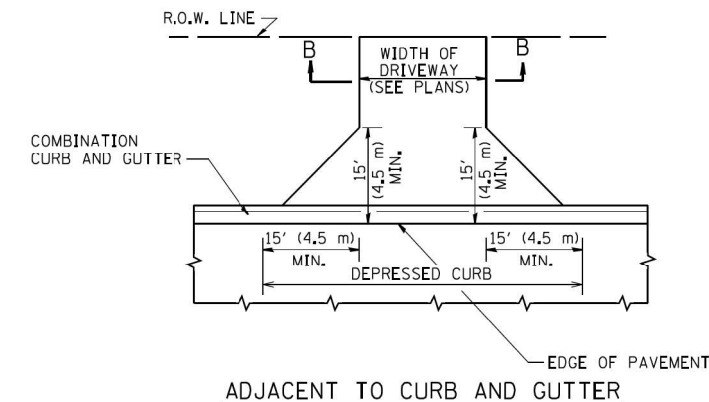
WITH CONCRETE CURB, TYPE B



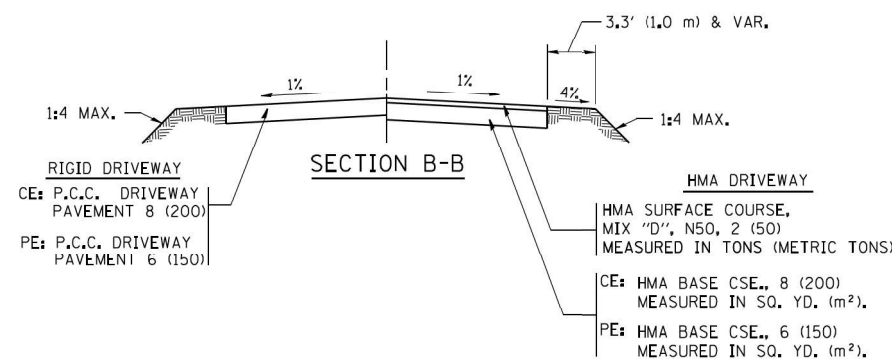
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



**RURAL FIELD ENTRANCE (FE)**  
 HMA SURFACE COURSE,  
 MIX 'D', N50, 2 (50)  
 MEASURED IN TONS (METRIC TONS)  
 AGGREGATE BASE CSE., TYPE B, 8 (200)  
 MEASURED IN SQ. YD. (m<sup>2</sup>).

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

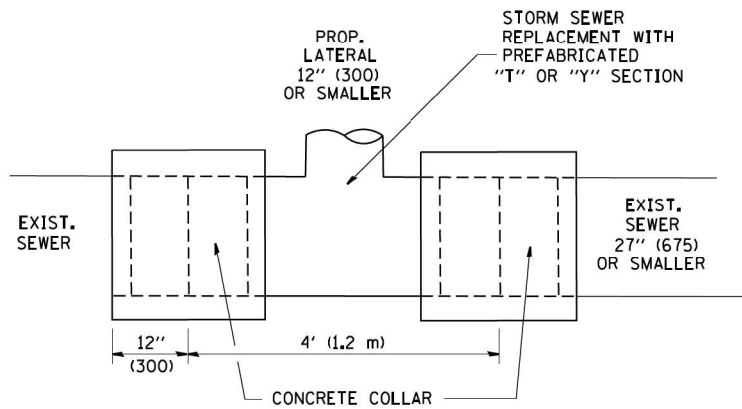
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		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

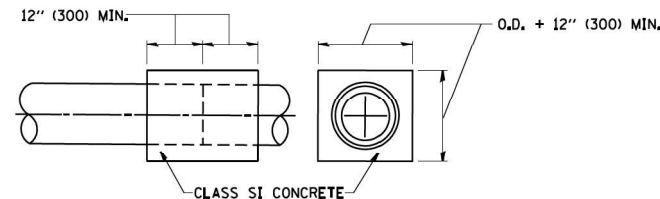
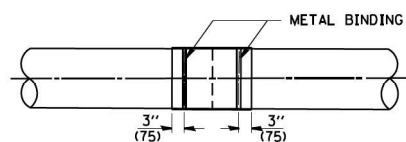
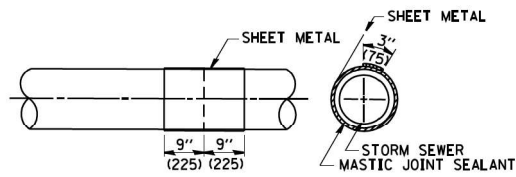
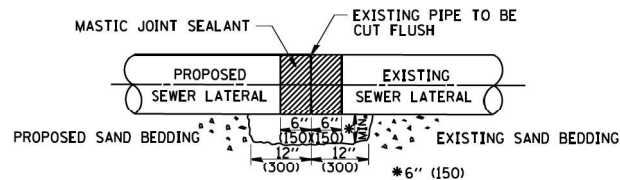
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	196
BD0156-07 (BD-01)		CONTRACT NO. 62633		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





**DETAIL "A"**

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

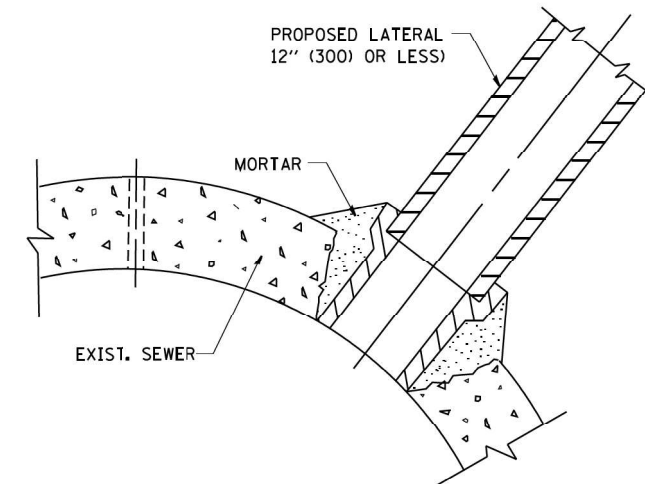


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

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



**DETAIL "C"**

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

**NOTES**

**MATERIAL**

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

**CONSTRUCTION METHODS**

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

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

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

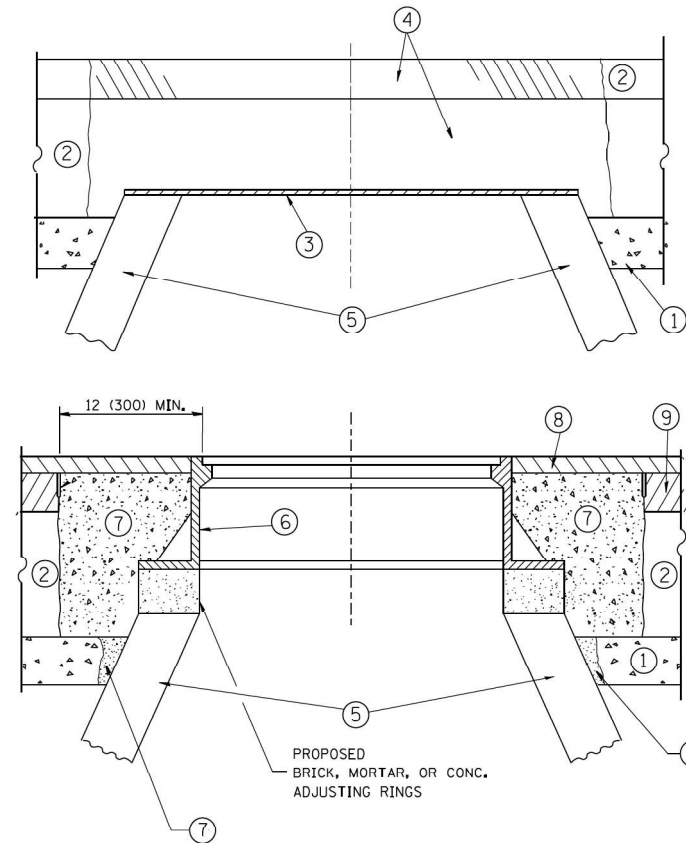
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	197
<b>BD500-01 (BD-7)</b>		<b>CONTRACT NO. 62633</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

**LEGEND**

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

**LOCATION OF STRUCTURES:**

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

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)"

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

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

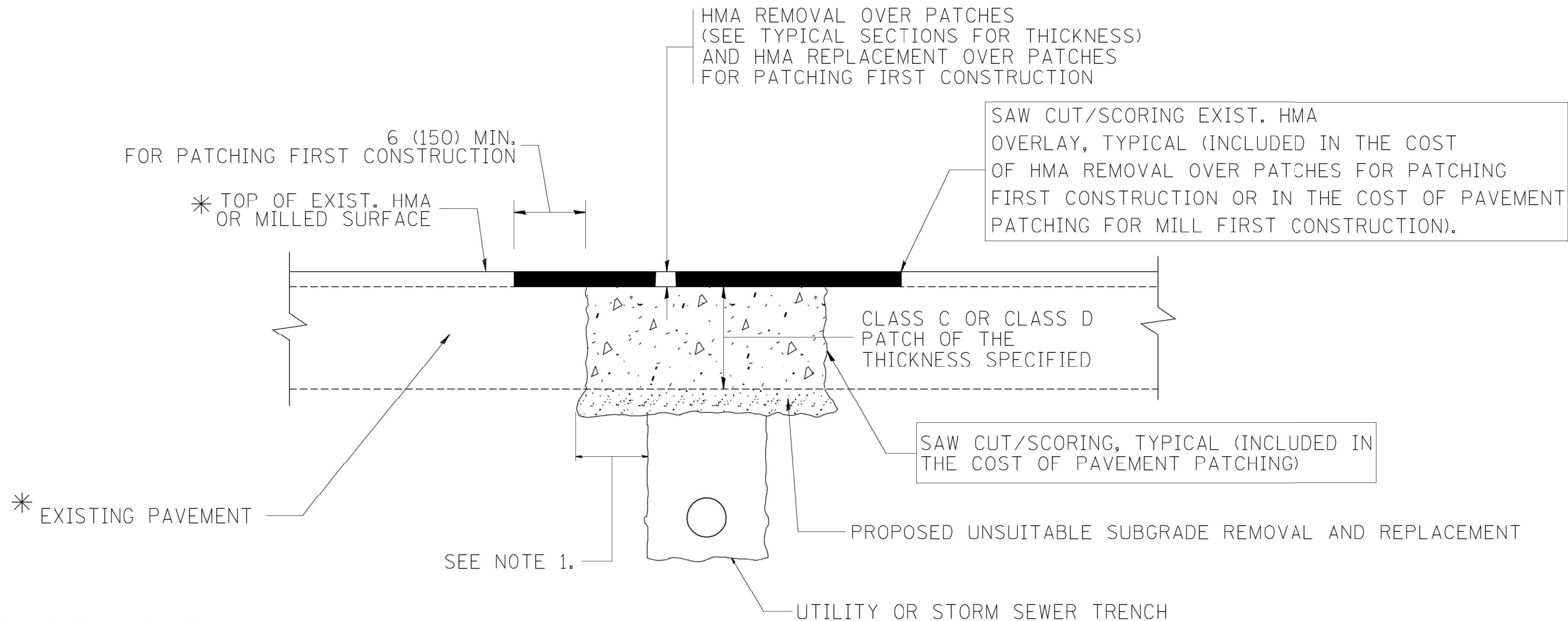
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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		CHECKED -	REVISED - R. BORO 03-09-11
		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	198
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 62633		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

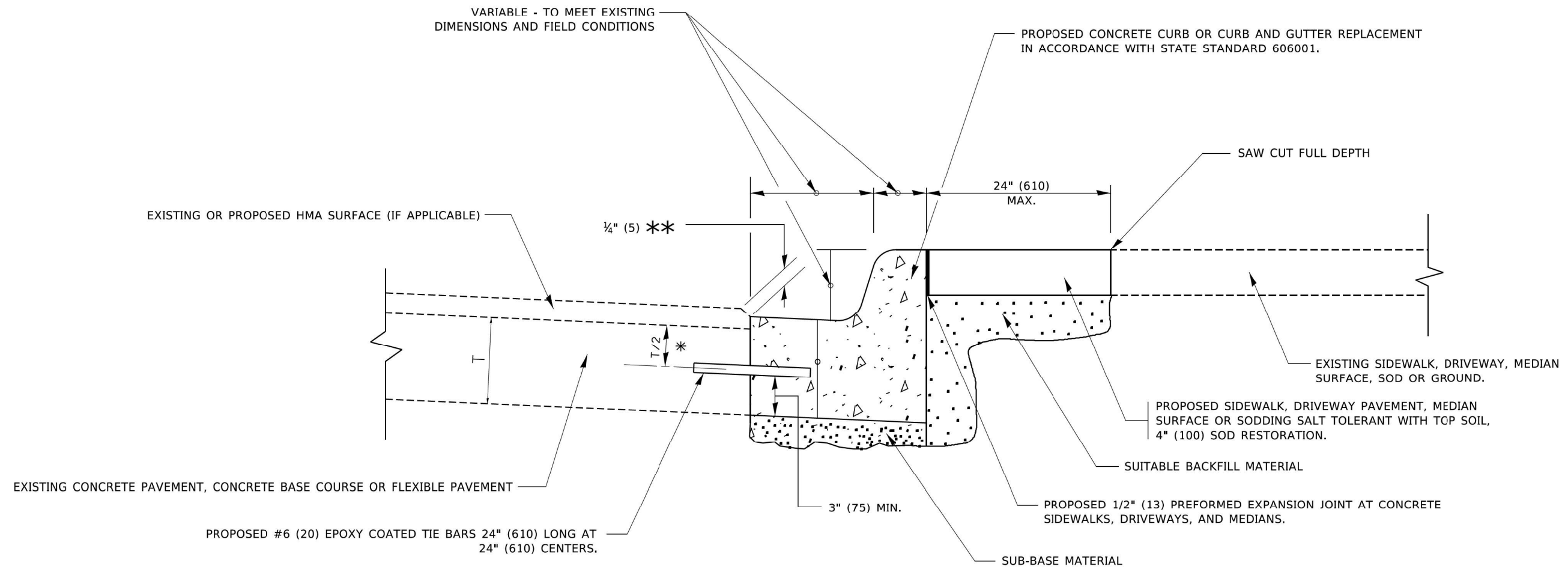
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 199
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 09-04-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>BD400-04 (BD-22)</b>		CONTRACT NO. 62633	
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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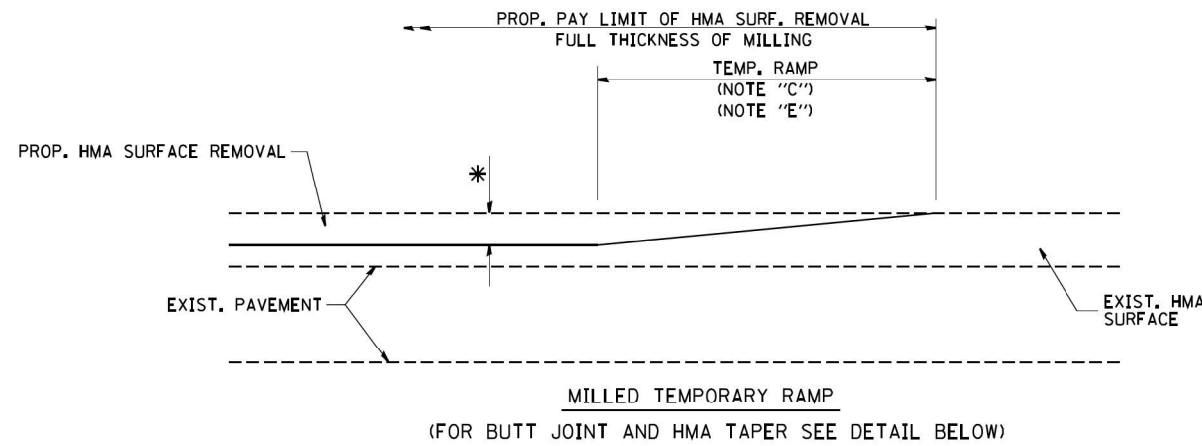
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

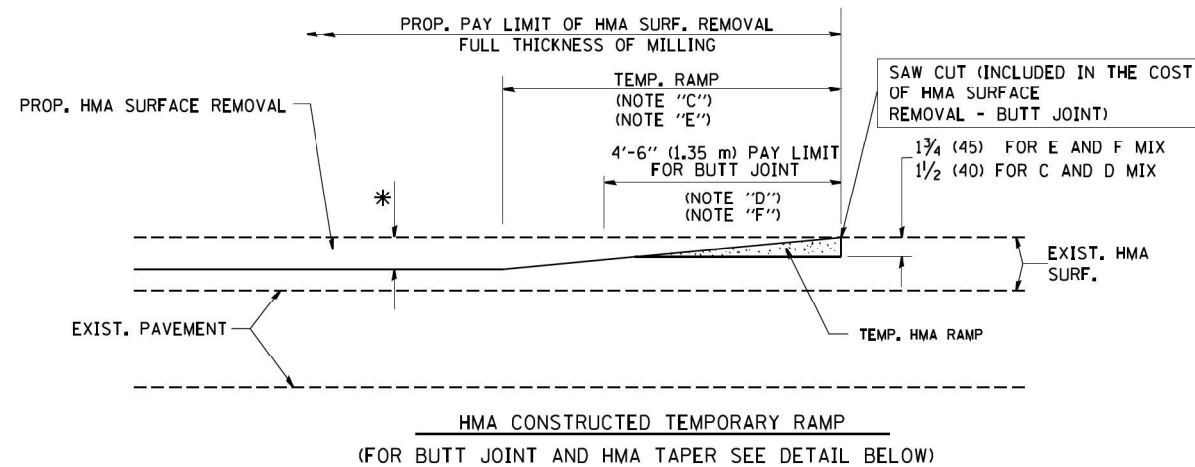
**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	200
<b>BD600-06 (BD-24)</b>			<b>CONTRACT NO. 62633</b>	
ILLINOIS FED. AID PROJECT				

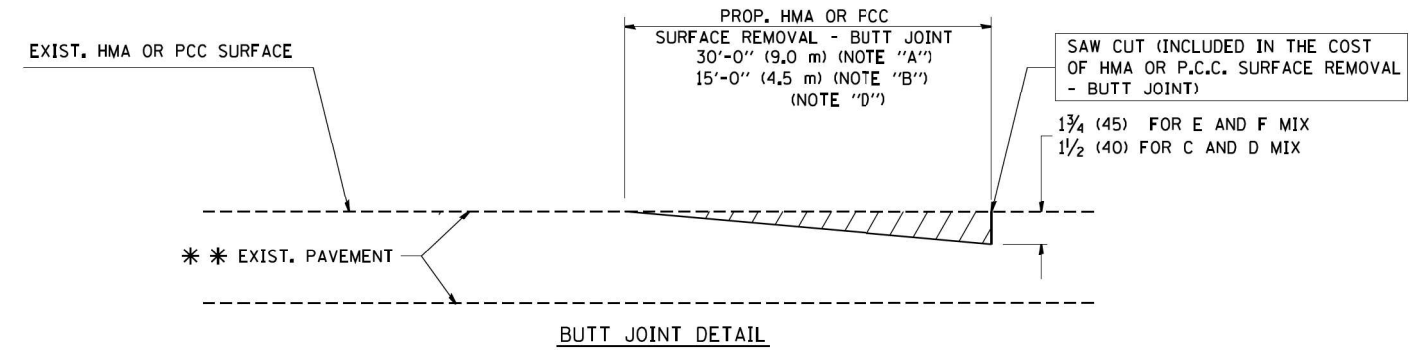


**OPTION 1**

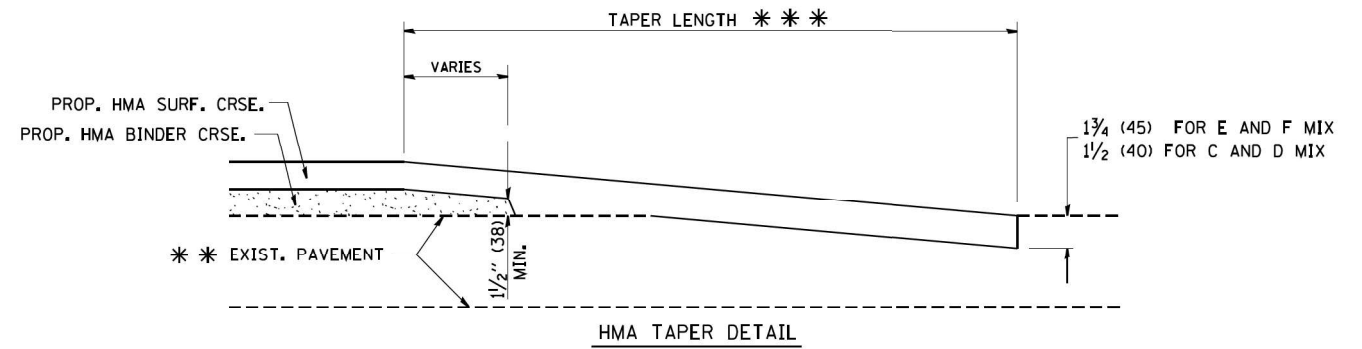


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

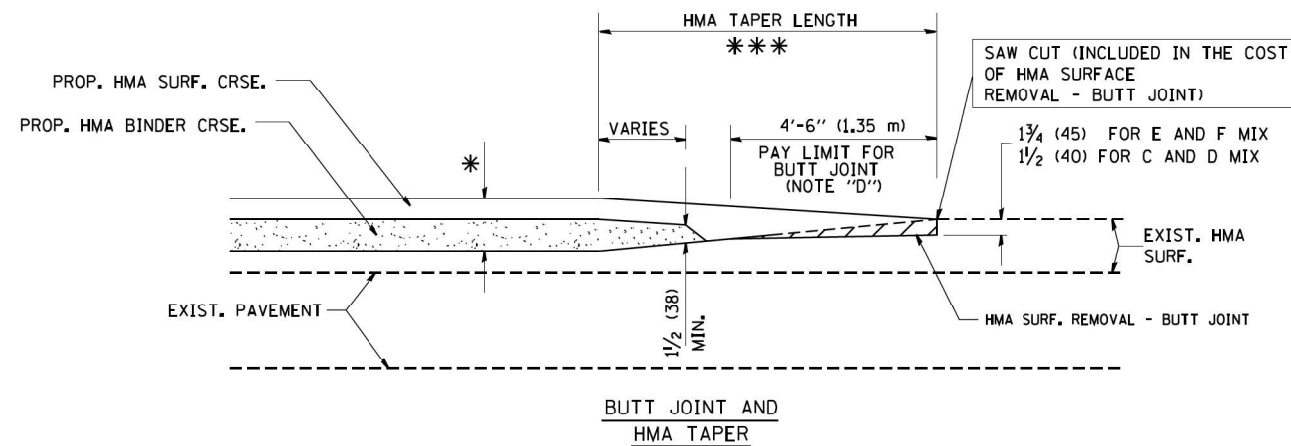
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



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

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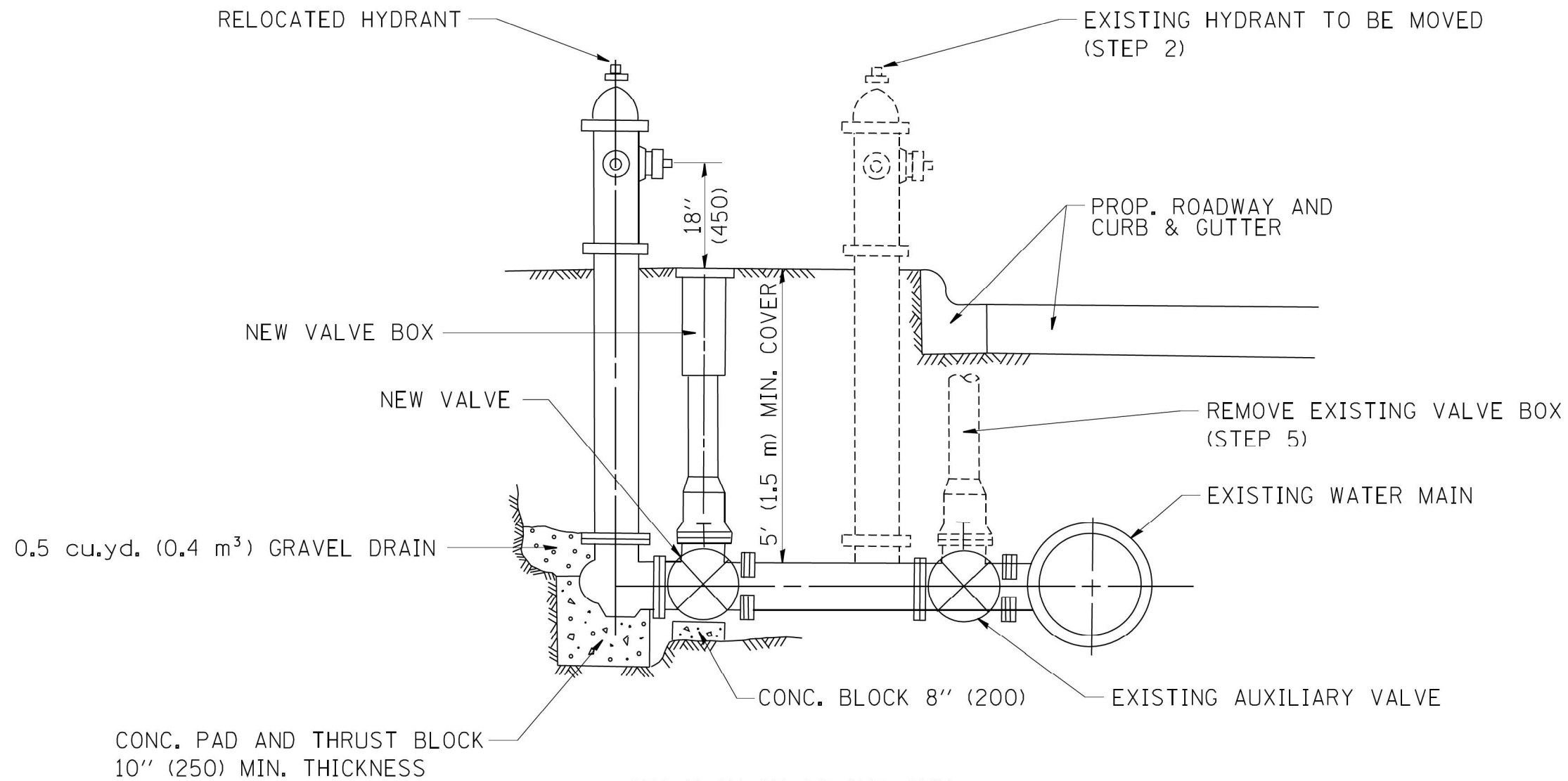
DESIGNED - M. DE YONG  
DRAWN -  
CHECKED -  
DATE - 06-13-90

REVISED - R. SHAH 10-25-94  
REVISED - A. ABBAS 03-21-97  
REVISED - M. GOMEZ 04-06-01  
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**  
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	201
<b>BD400-05 BD32</b>			<b>CONTRACT NO. 62633</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**SEQUENCE OF CONSTRUCTION:**

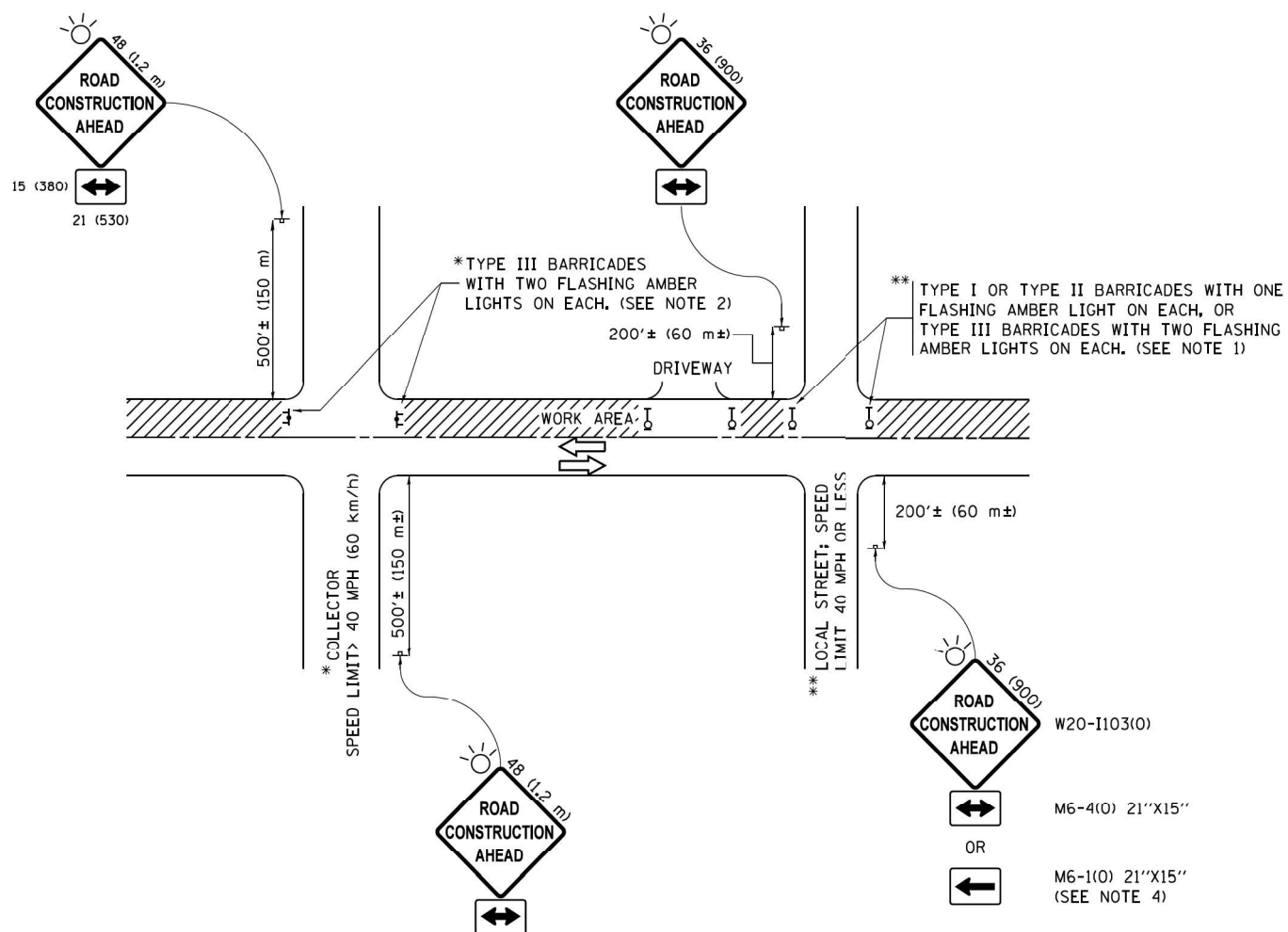
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

**FIRE HYDRANT TO BE MOVED**

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

FILE NAME = W:\d\stata\22x34\bd36.dgn	USER NAME = geglano	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94				377	2003-065N	COOK	220	202
PLOT DATE = 1/4/2008	CHECKED -	DATE -	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD-36</b>		CONTRACT NO. 62633		
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

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

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

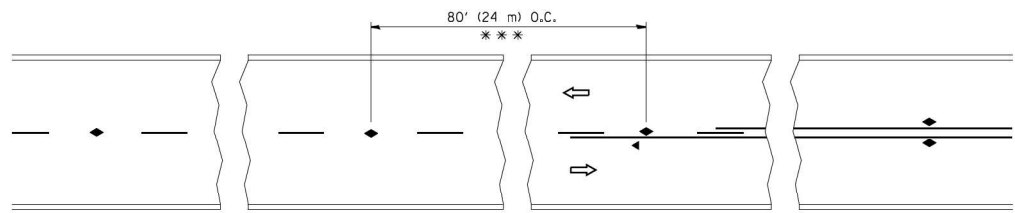
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

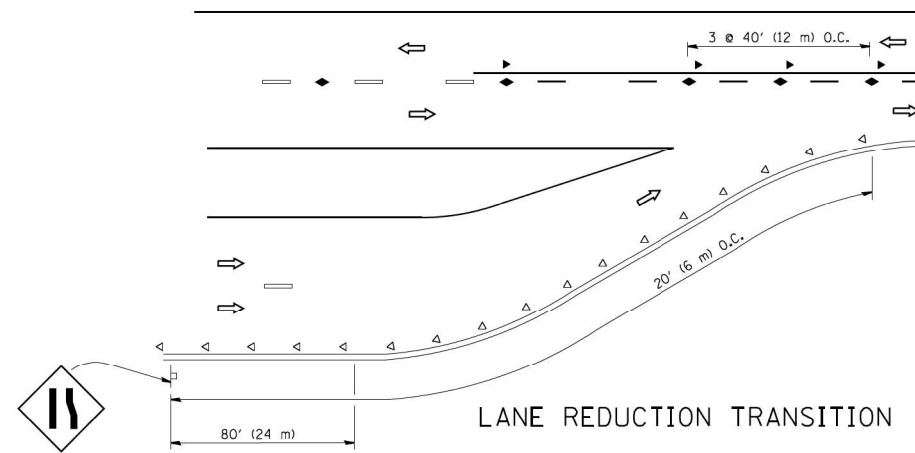
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

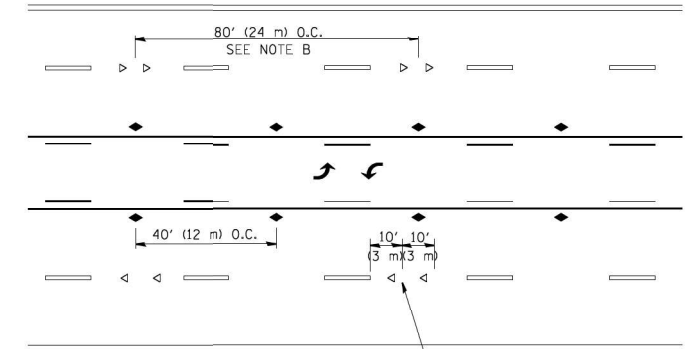


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

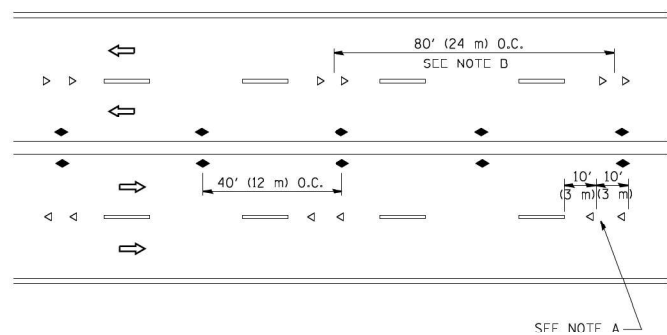
TWO-LANE/TWO-WAY



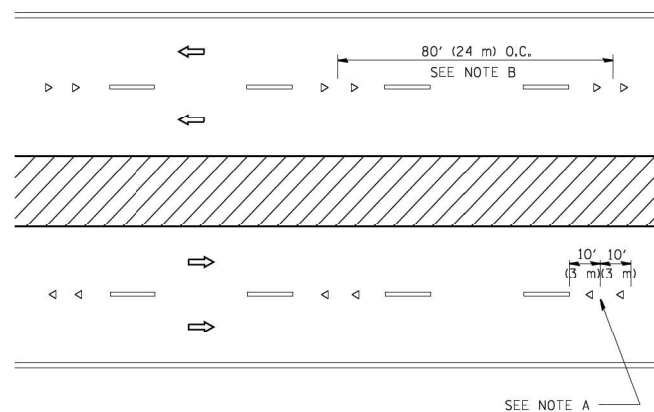
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

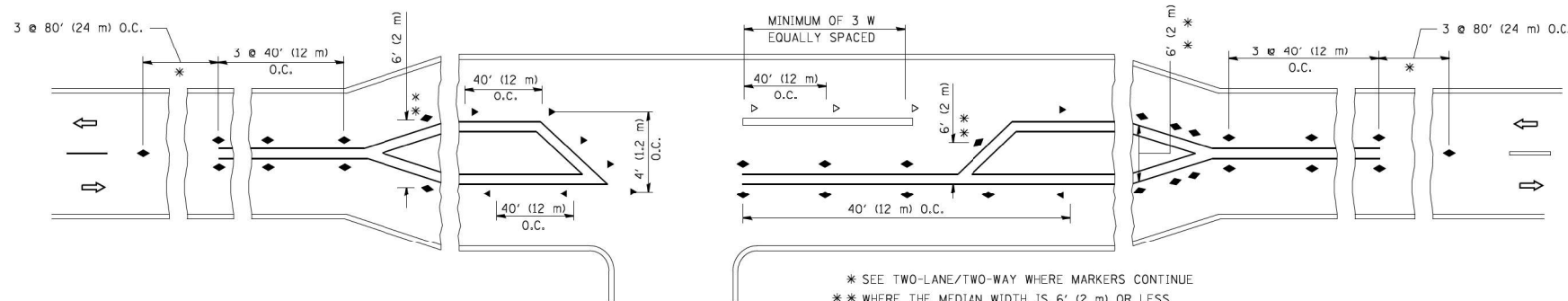
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

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



LEFT TURN

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

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

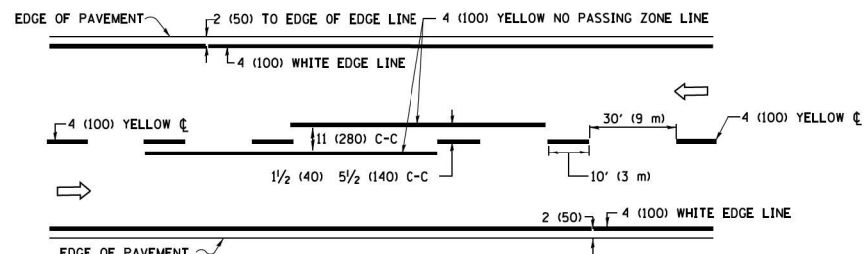
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

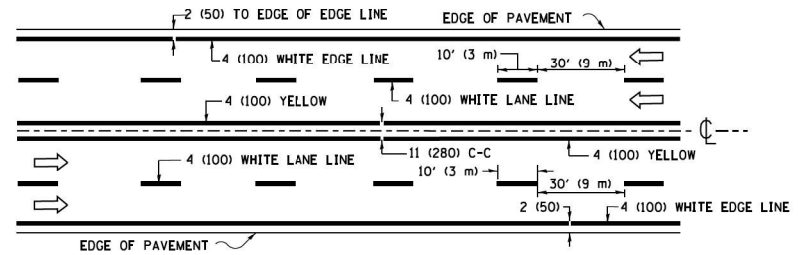
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	204
TC-11			CONTRACT NO. 62633	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

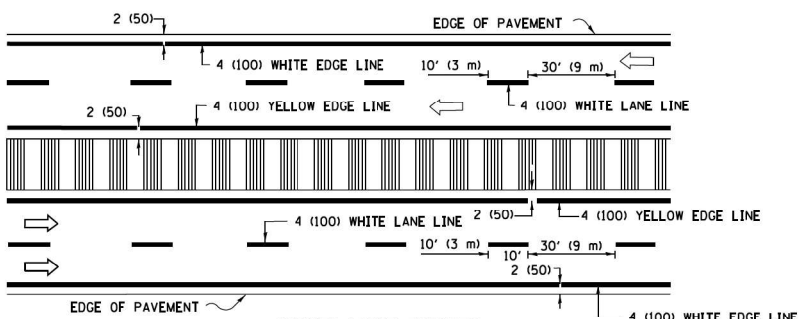




**2-LANE ROADWAY**

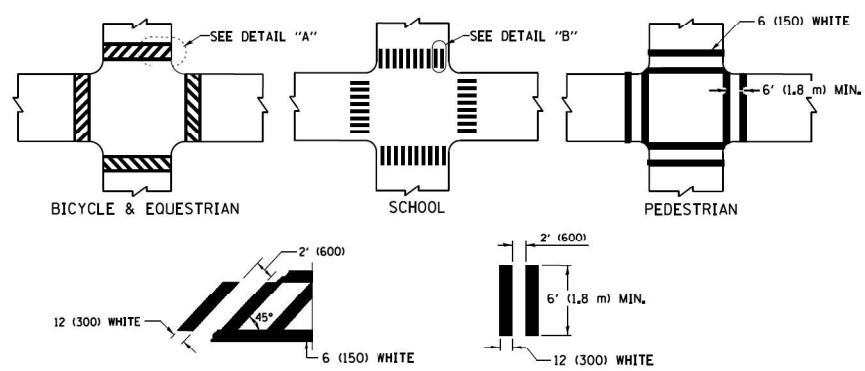


**MULTI-LANE UNDIVIDED**



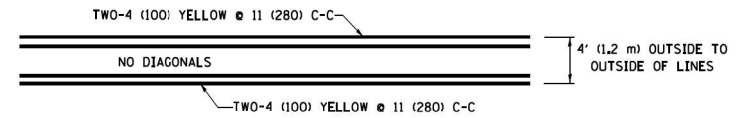
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

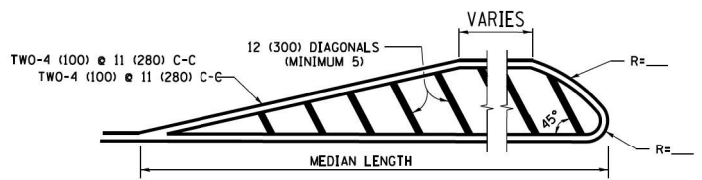


**TYPICAL CROSSWALK MARKING**

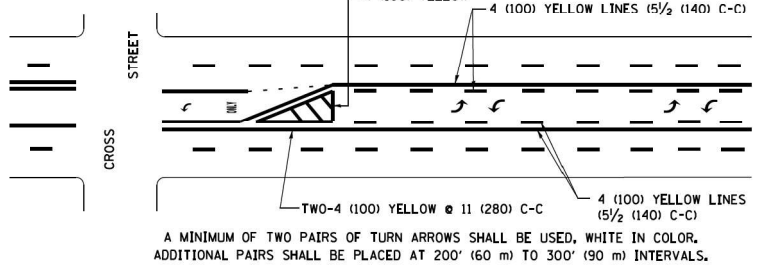
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



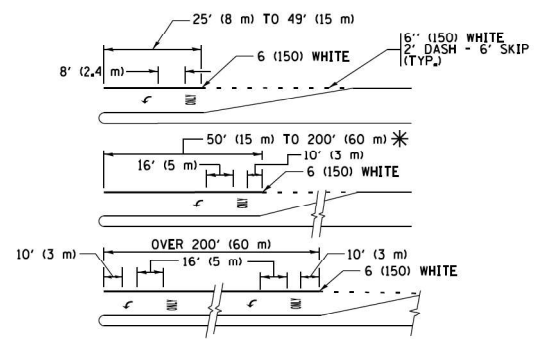
**4' (1.2 m) WIDE MEDIANS ONLY**



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



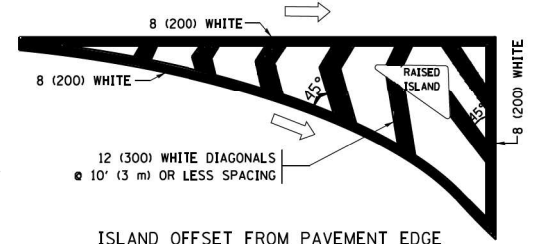
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



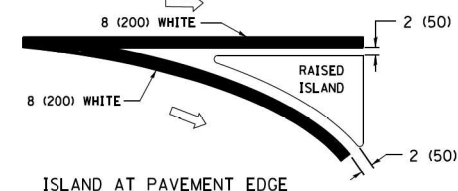
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

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

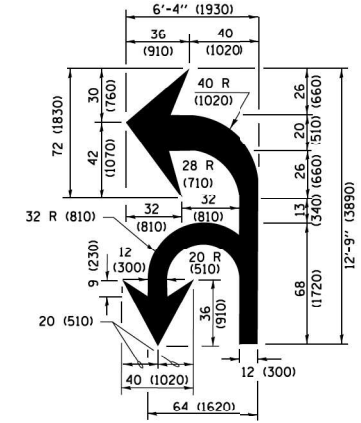
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



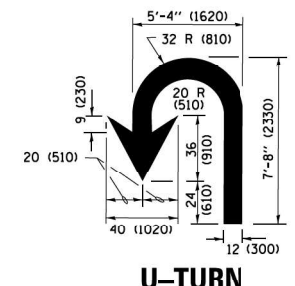
**ISLAND OFFSET FROM PAVEMENT EDGE**



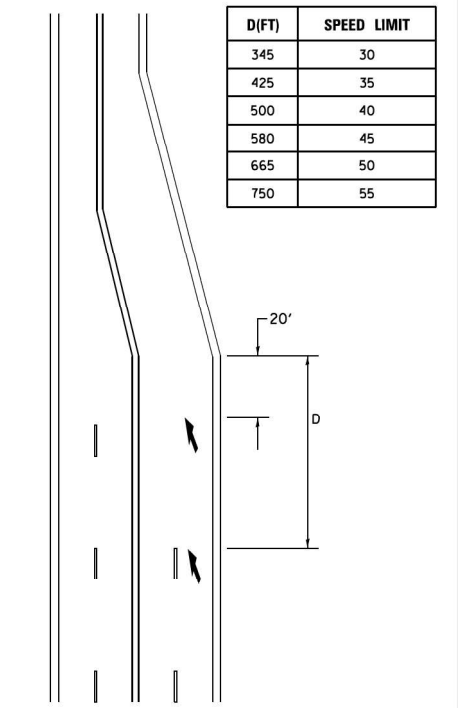
**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**



**LANE REDUCTION TRANSITION**

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

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

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

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

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

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Default	PLOT SCALE = 50,000' / 1" =	DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

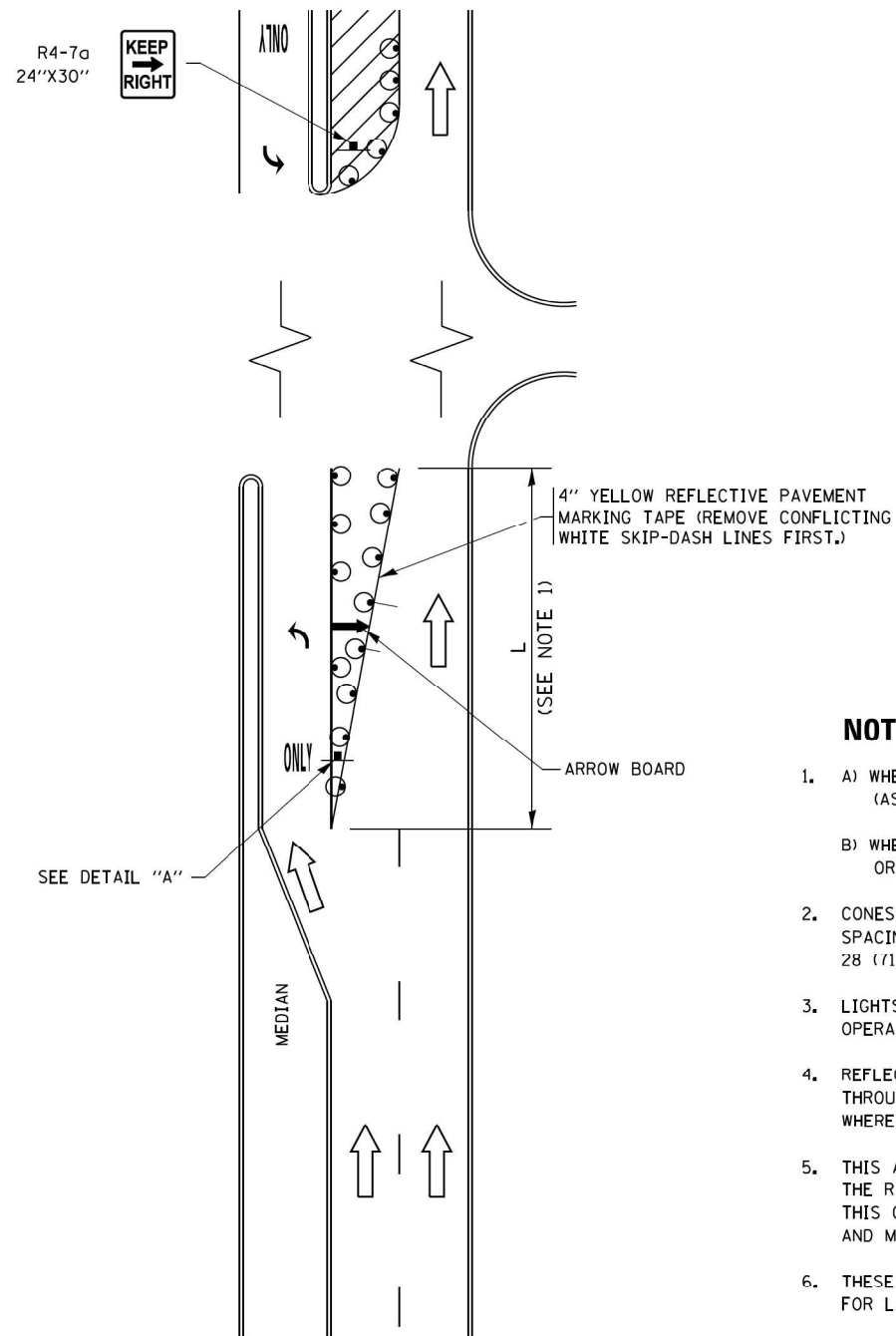
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

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

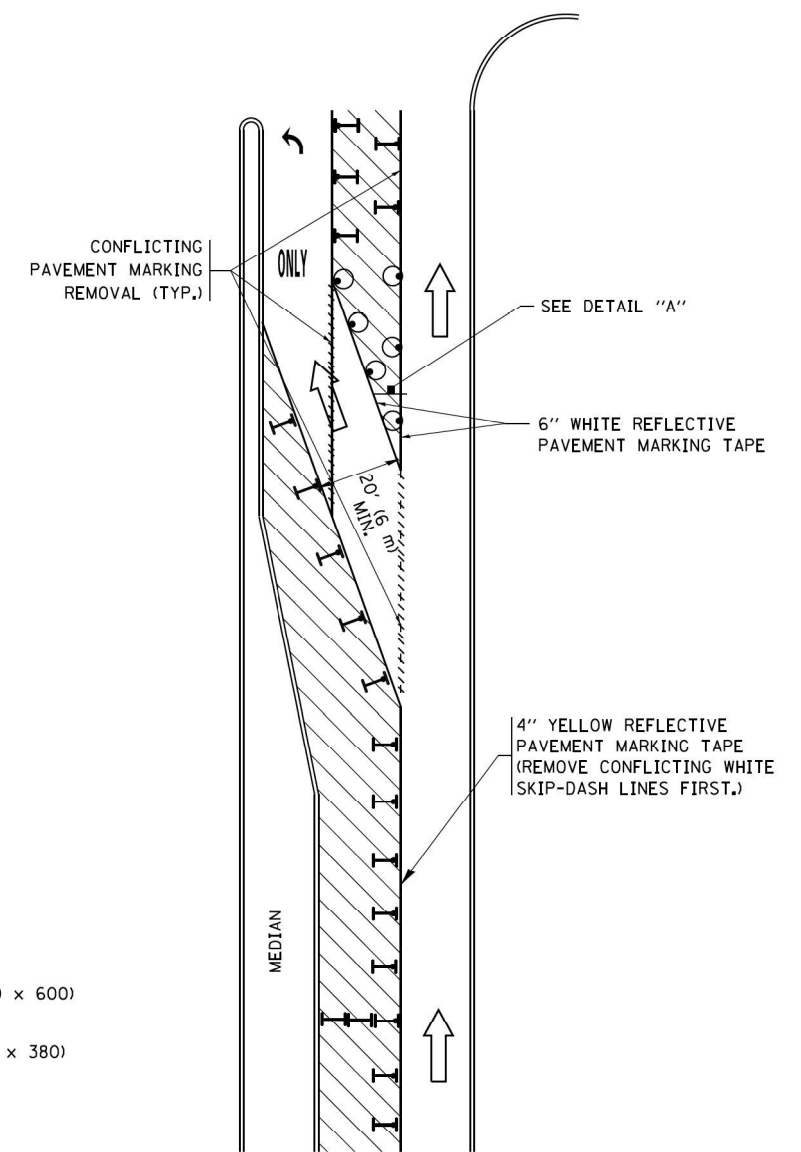
F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 205
TC-13		CONTRACT NO. 62633		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



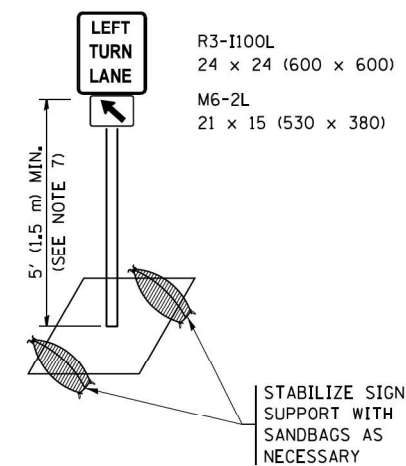
**FIGURE 2**

### LEGEND

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

### NOTES:

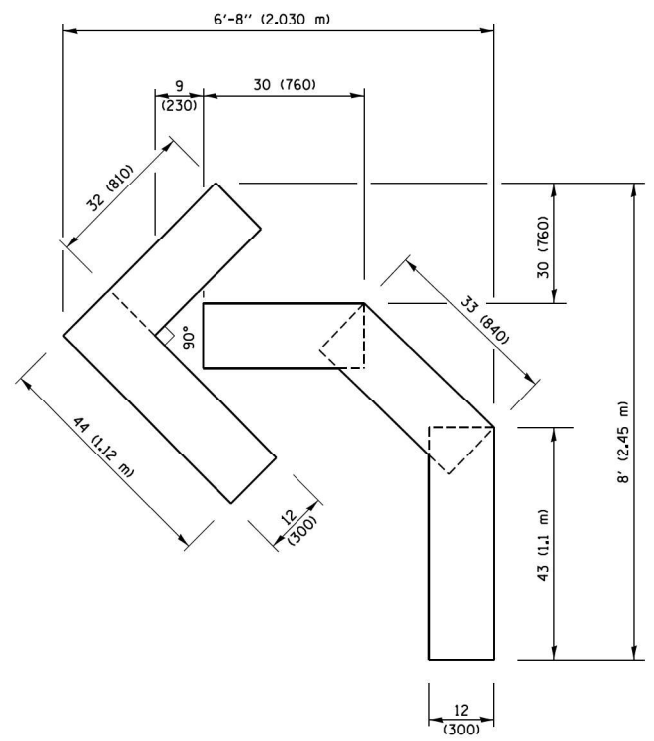
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PRE REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



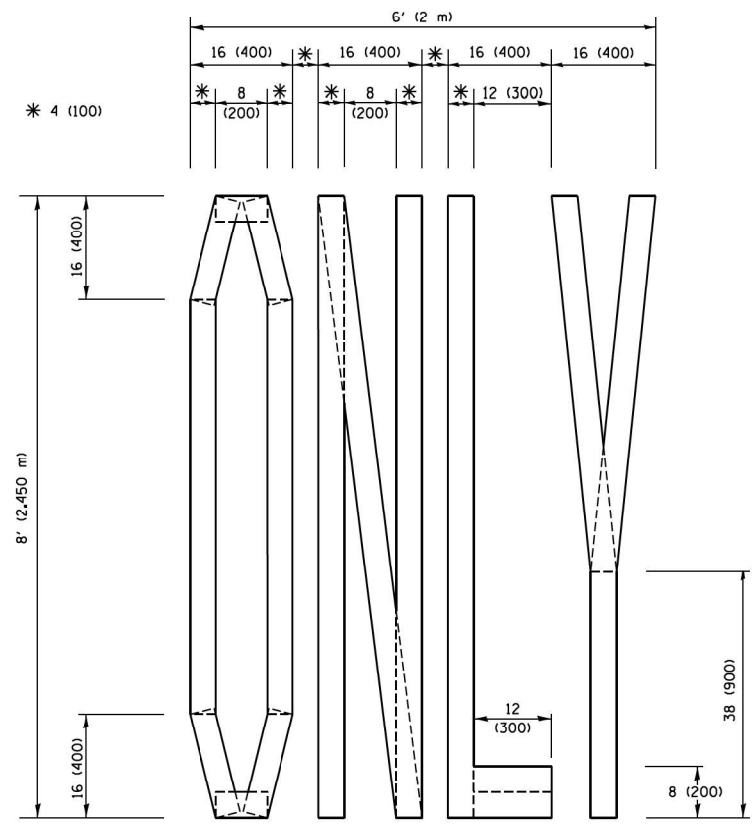
**DETAIL A**

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

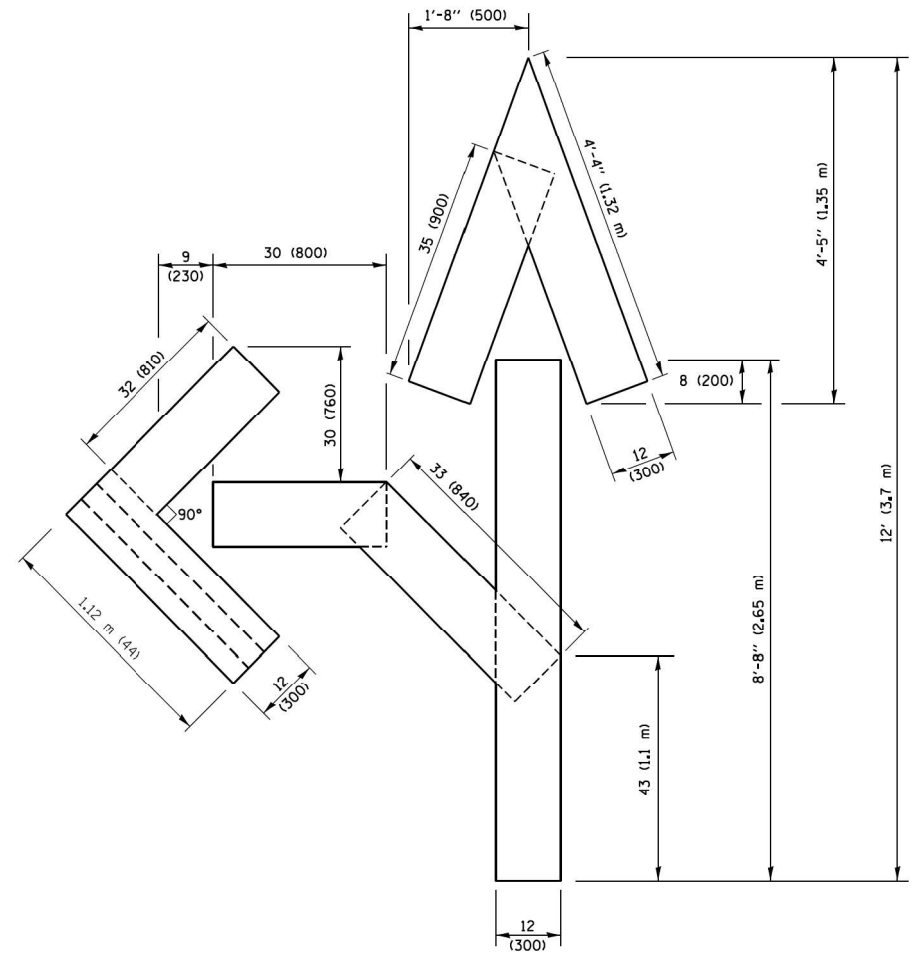
FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 50,0000 ' / in.	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					377	2003-065N	COOK	220	206
	PLOT DATE = 9/15/2016	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		<b>TC-14</b>			<b>CONTRACT NO. 62633</b>				
		REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							



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

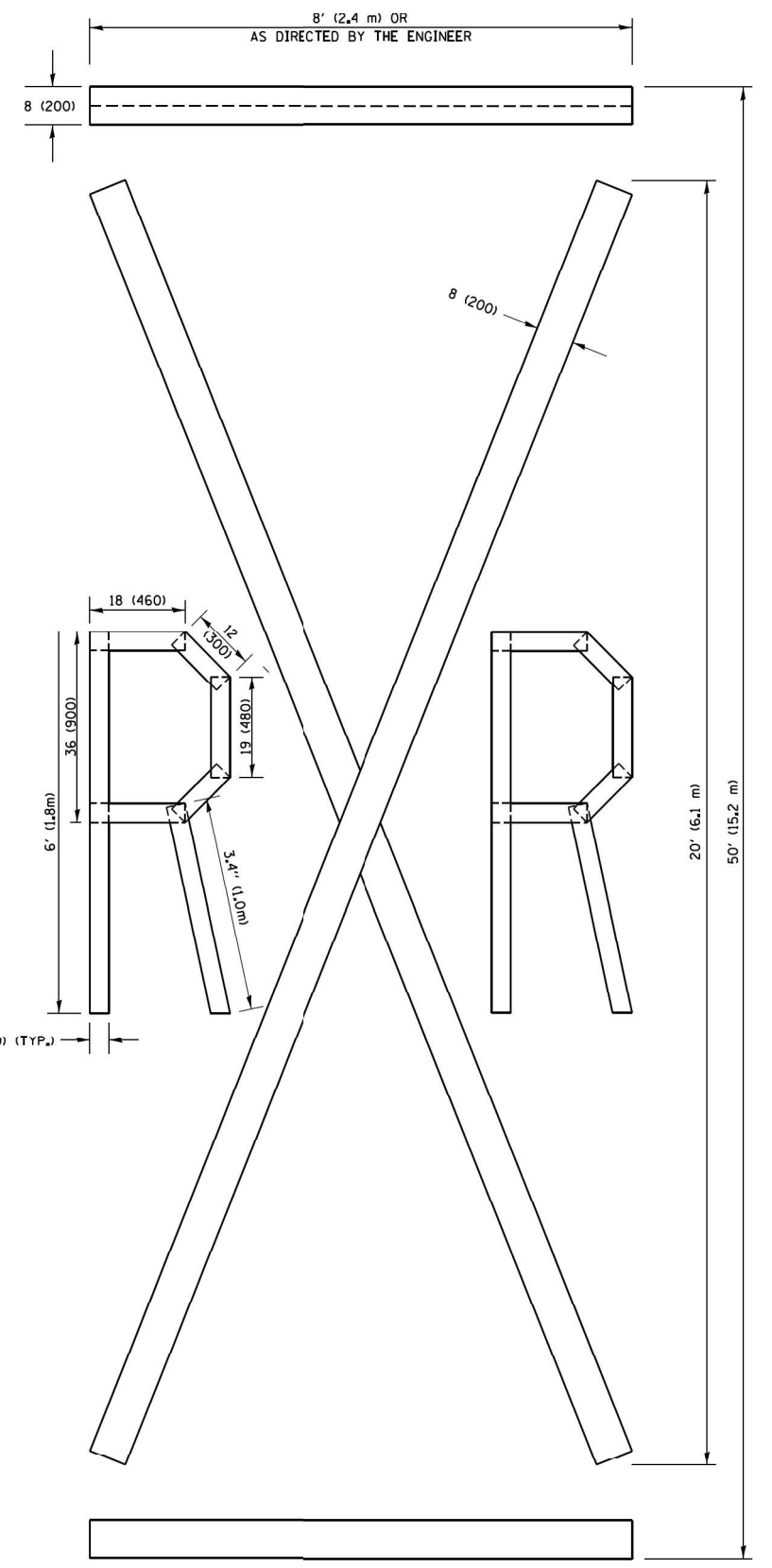


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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

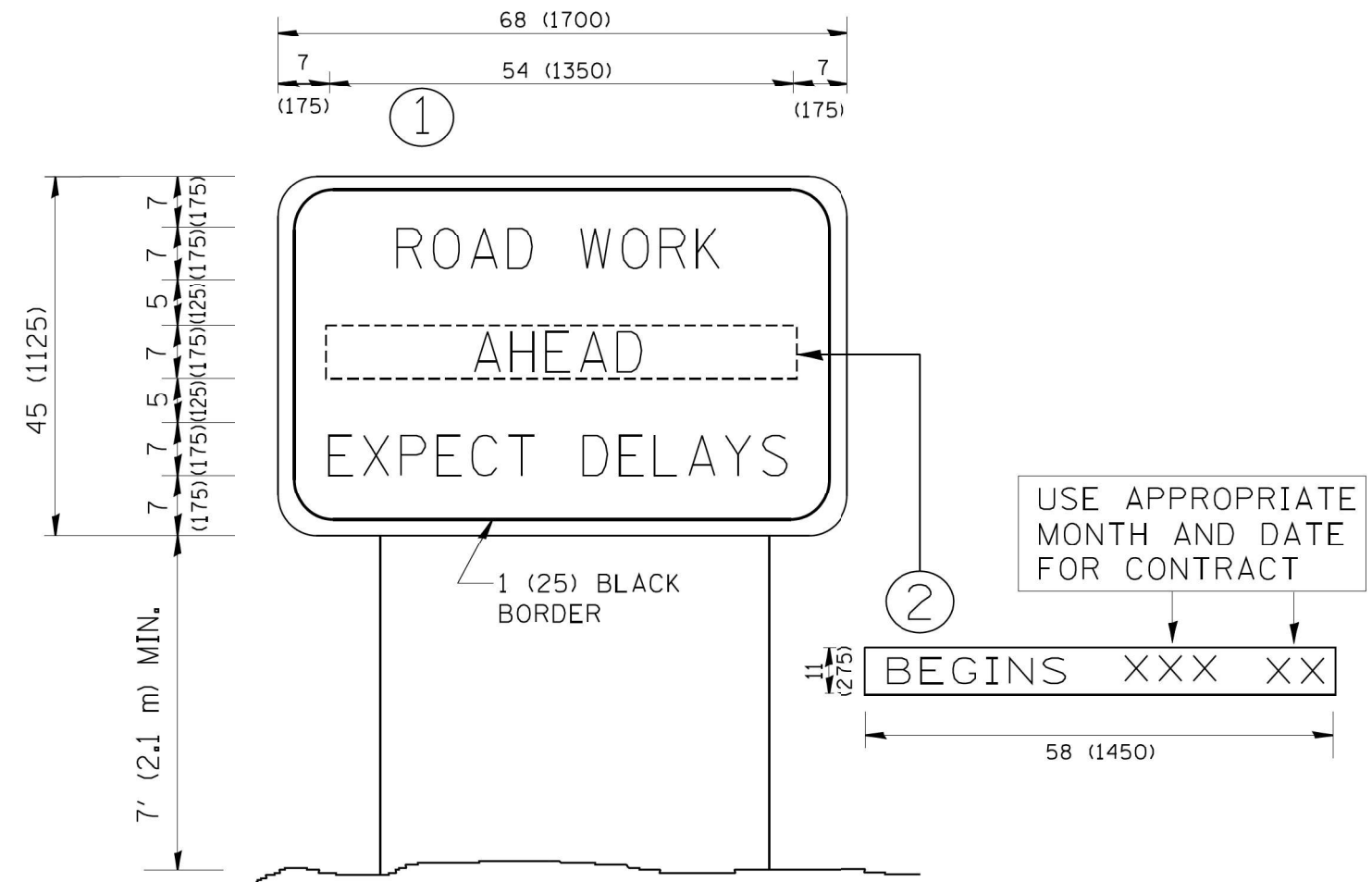
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PLOT SCALE = 50,0000 ' / in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	207
TC-16		CONTRACT NO. 62633		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTES:**

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

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

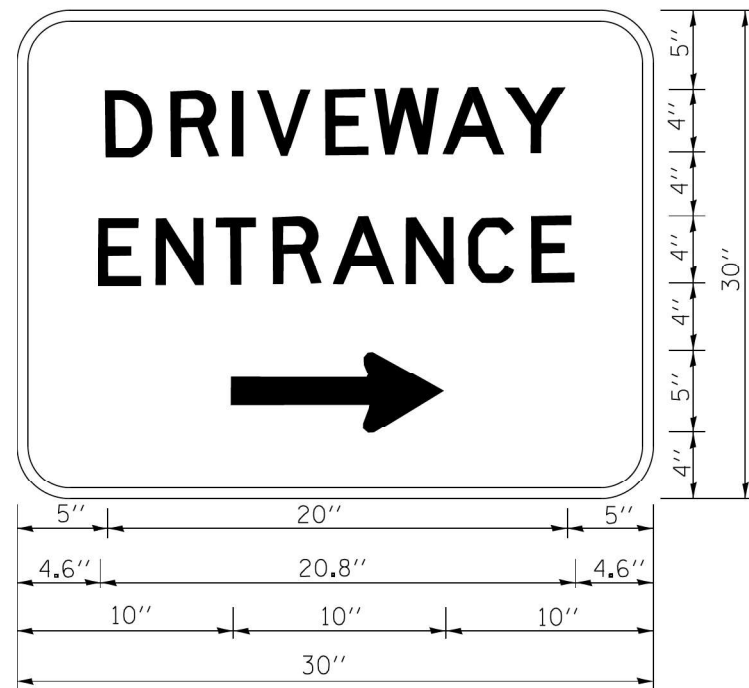
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PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	REVISED - C. JUCIUS 01-31-07
PLOT DATE = 1/4/2008	DATE -		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	208
TC-22			CONTRACT NO. 62633	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

**NOTES:**

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

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ca\p\work\p\dot\gaglianob\d0108315\tp6.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

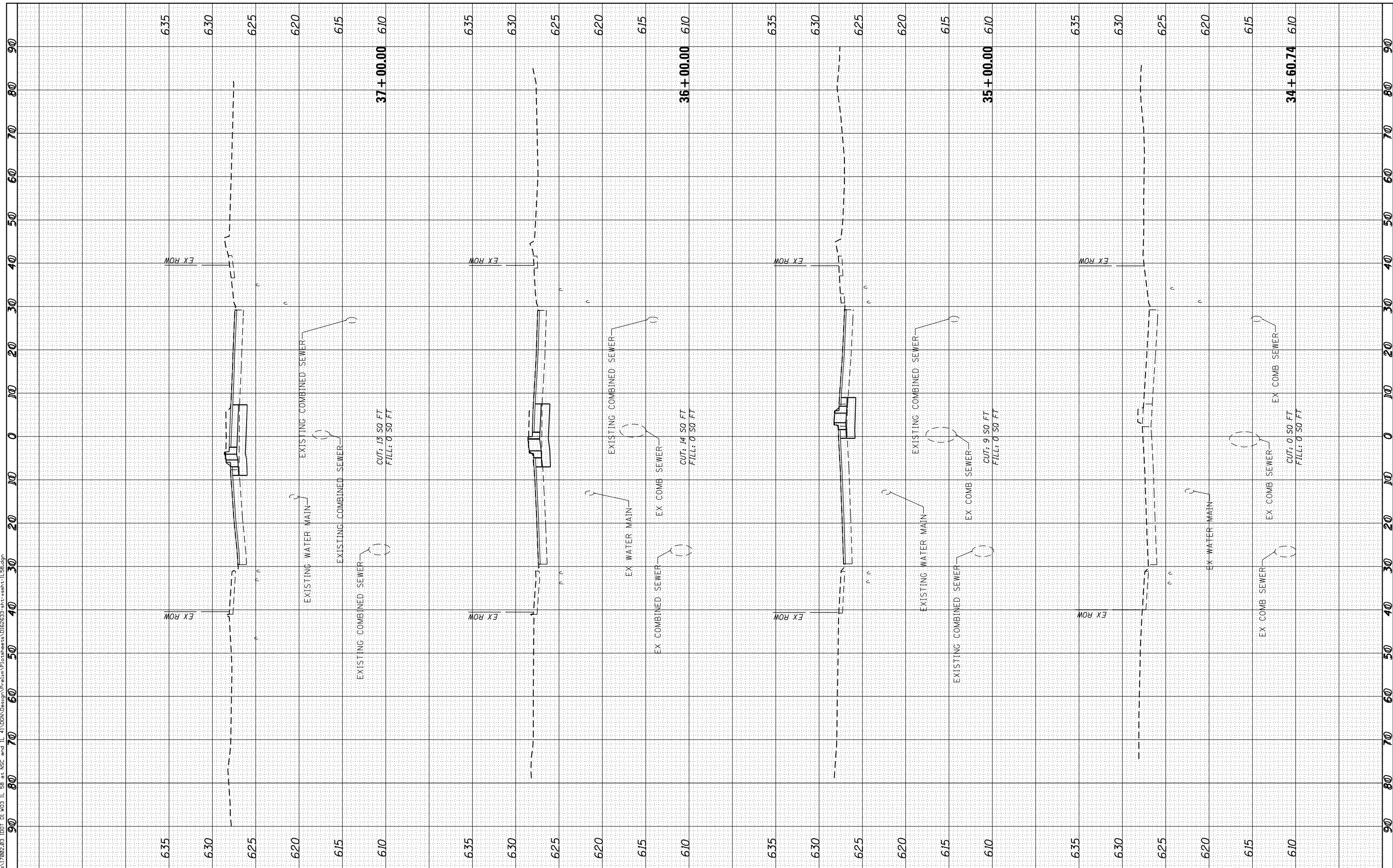
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
377	2003-065N	COOK	220	209
<b>TC-26</b>			<b>CONTRACT NO. 62633</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 1/28/2021	DATE -	REVISD -

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

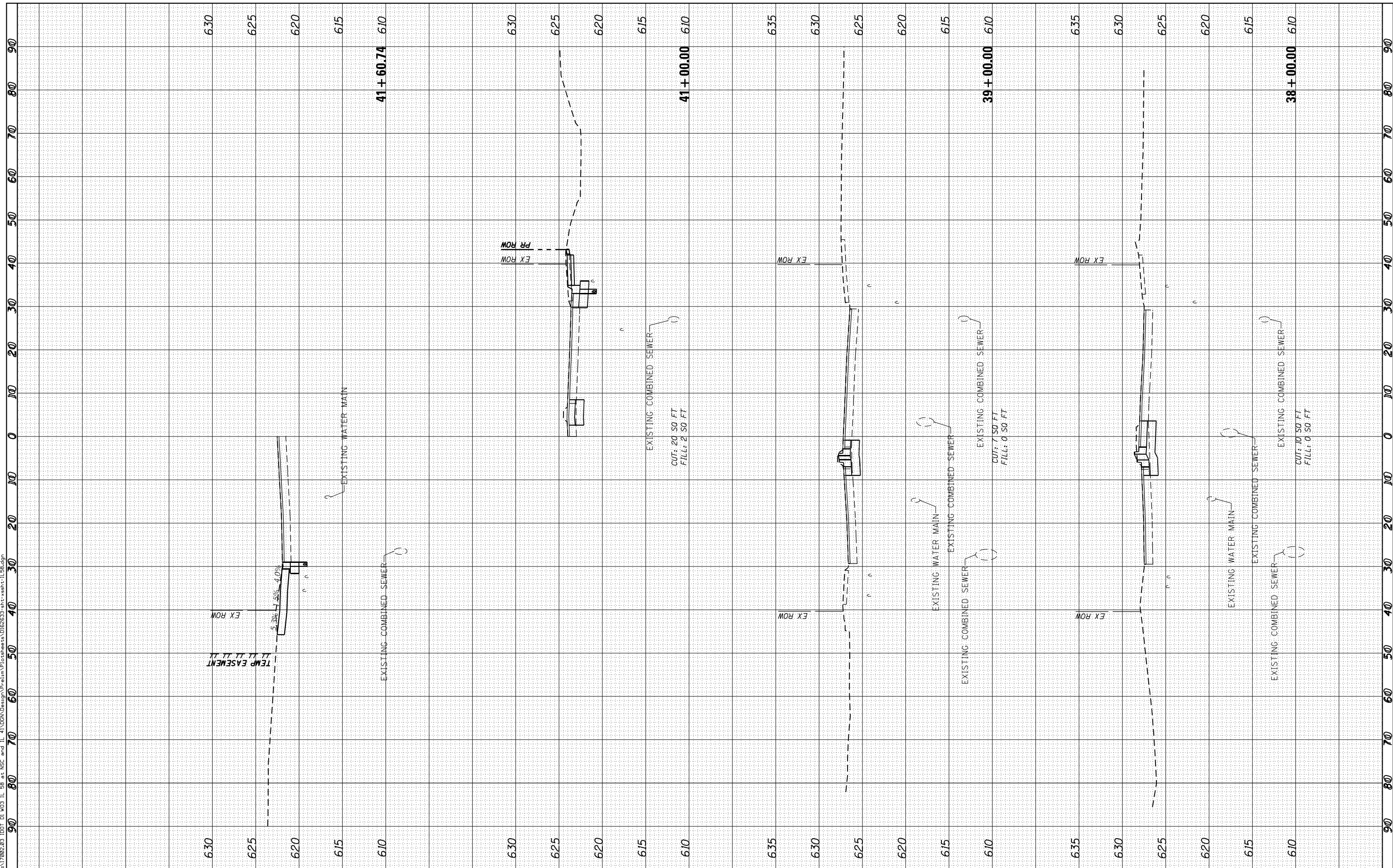
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<b>IL ROUTE 58 (DEMPSTER STREET)</b>			
VER SCALE: 1"=5'	SHEET	OF	SHEETS
HOR SCALE: 1"=10'	STA. 34+60.74	TO	STA. 37+00.00

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 210
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62633	

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	AREAS CHECKED

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	AREAS CHECKED

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

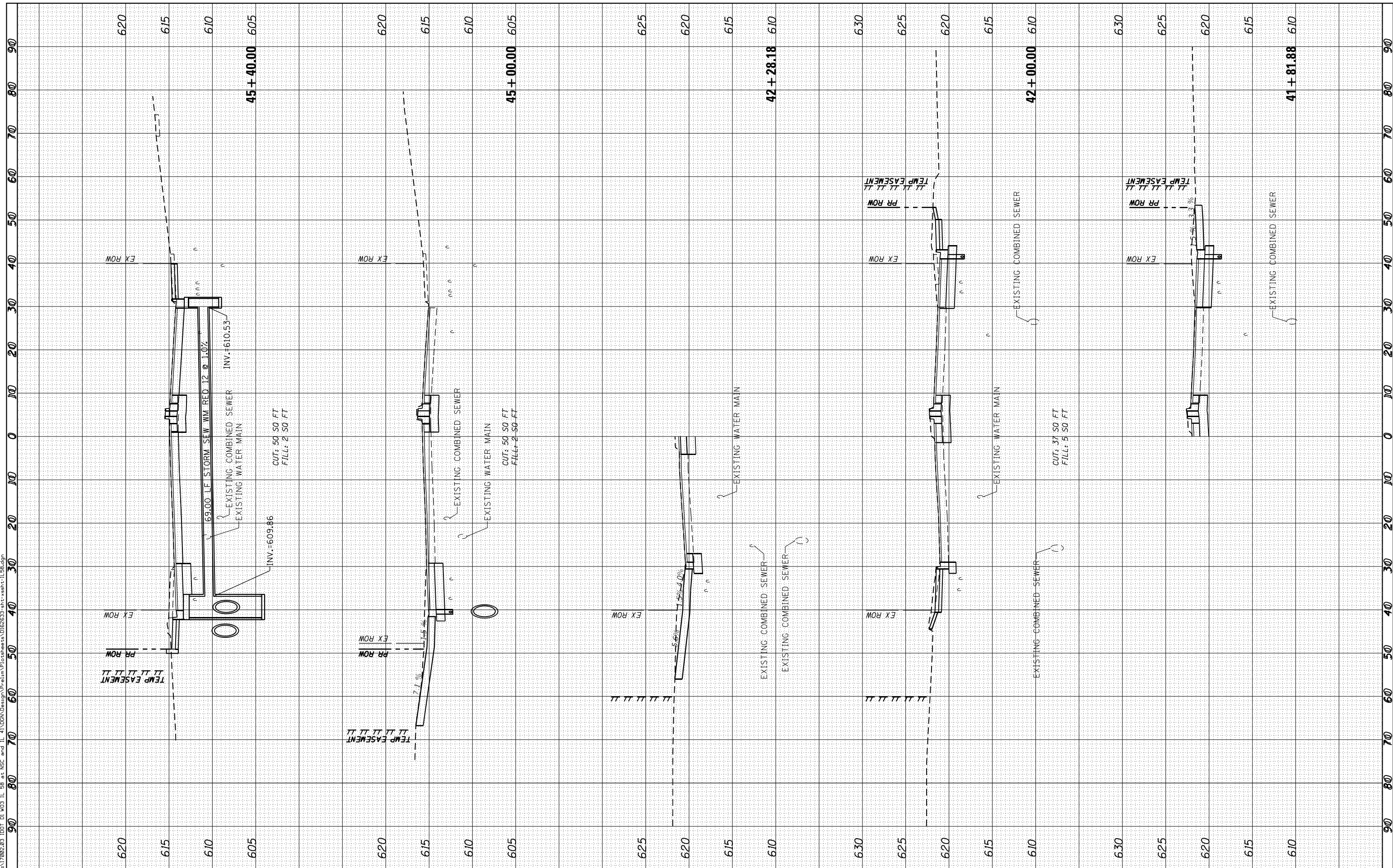
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<b>IL ROUTE 58 (DEMPSTER STREET)</b>	
VER SCALE: 1"=5'	SHEET OF SHEETS
HOR SCALE: 1"=10'	STA. 38+00.00 TO STA. 41+60.74

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 211
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 1/28/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>	
<b>IL ROUTE 58 (DEMPSTER STREET)</b>	
VER SCALE: 1"=5'	
HOR SCALE: 1"=10'	
SHEET OF SHEETS	STA. 41+81.85 TO STA. 45+40.00

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 212
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

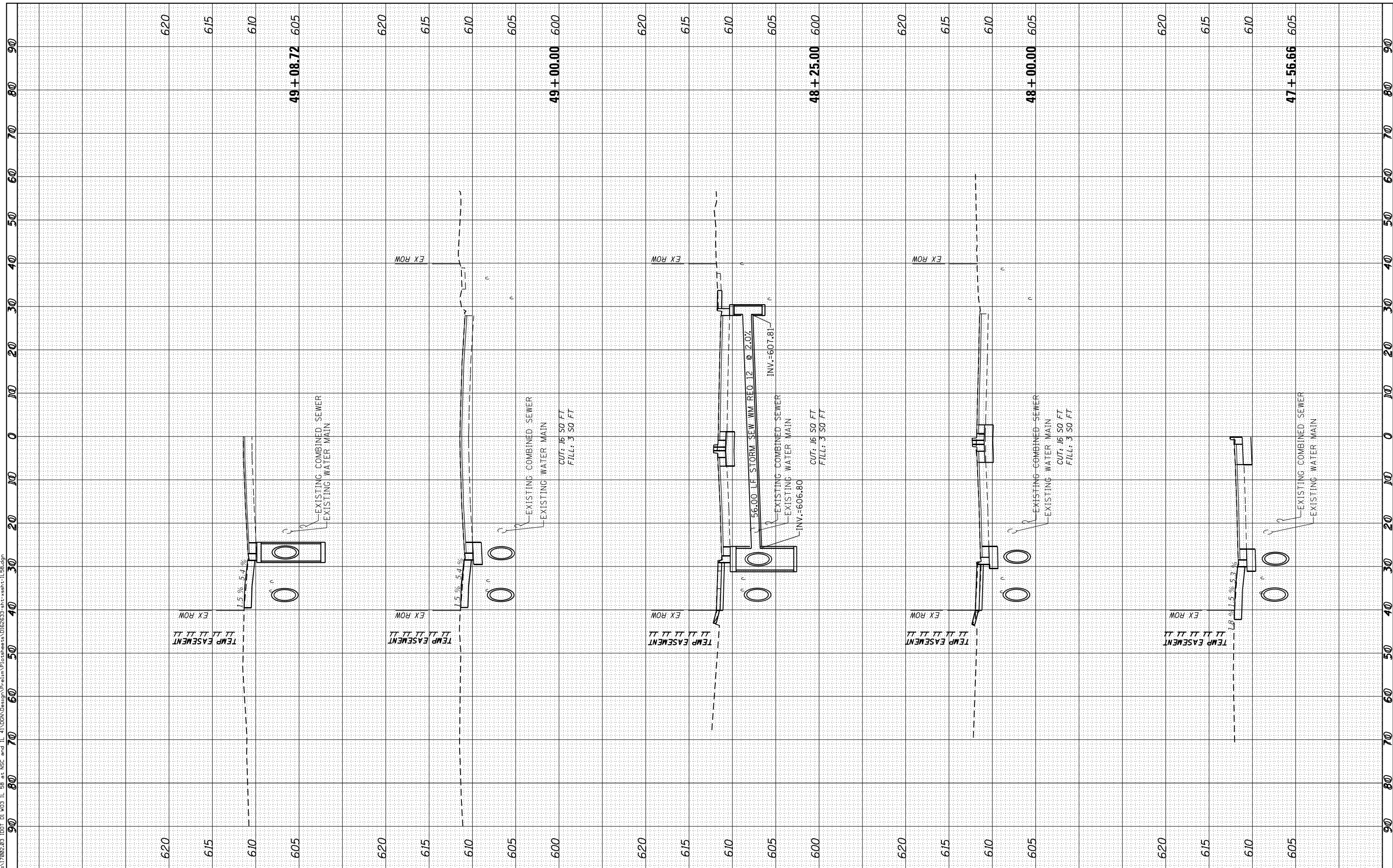




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NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY	SURVEYED	DATE
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NO.	AREAS CHECKED	

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PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

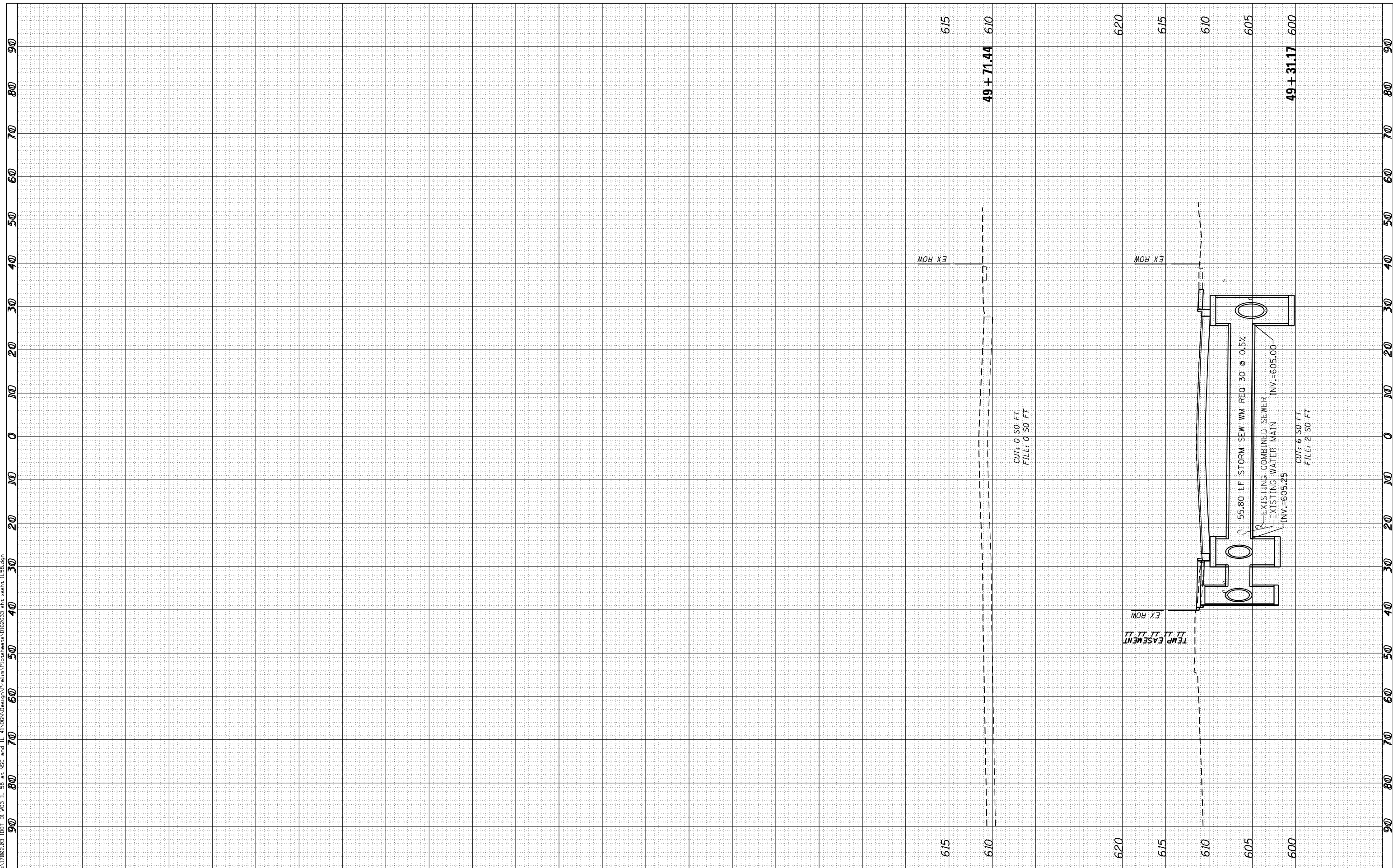
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<b>IL ROUTE 58 (DEMPSTER STREET)</b>	
VER SCALE: 1"=5'	
HOR SCALE: 1"=10'	
SHEET	OF SHEETS
STA. 47+56.66	TO STA. 49+08.72

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 214
CONTRACT NO. 62633				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

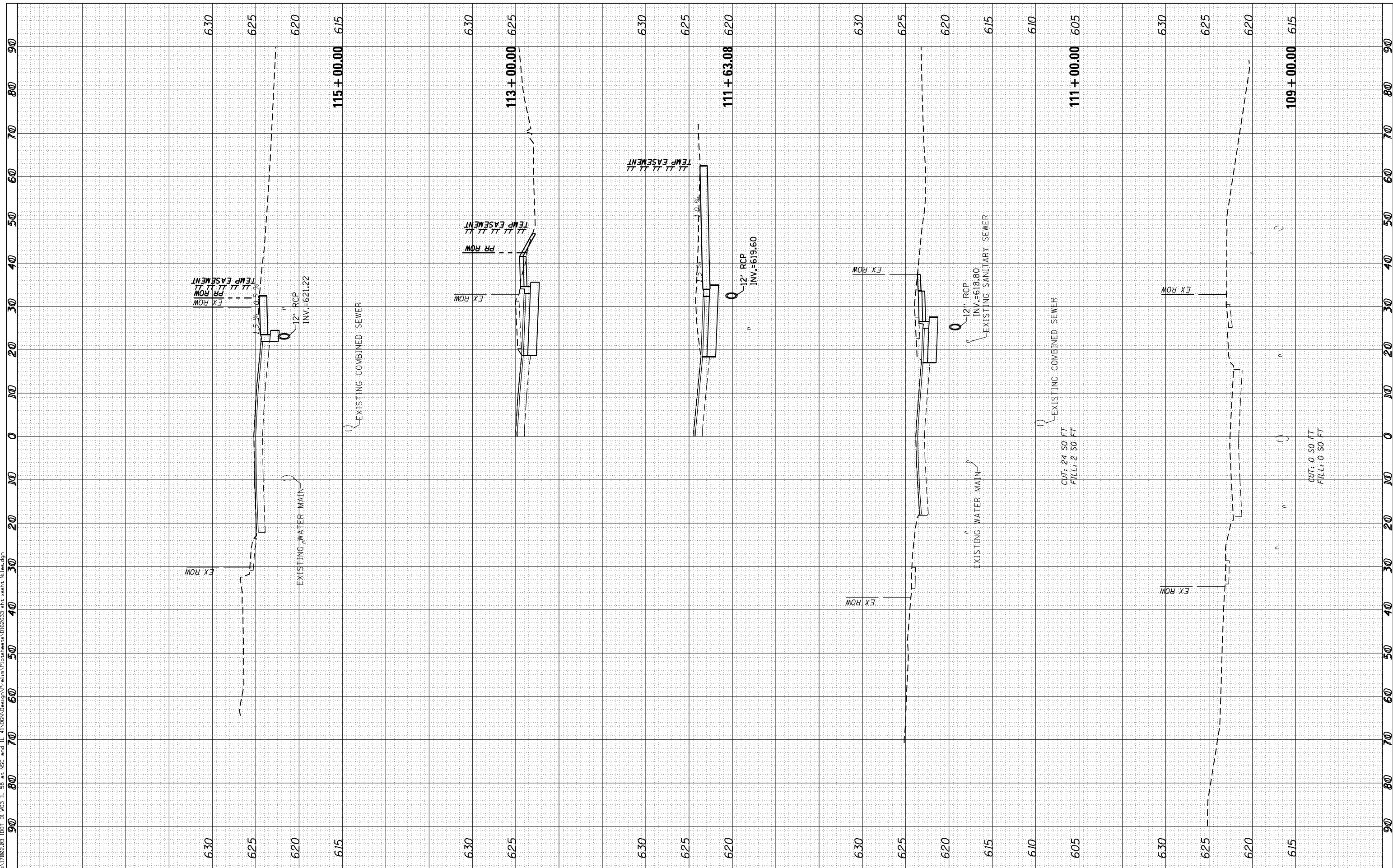
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HOR SCALE: 1"=10'			

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 215
CONTRACT NO. 62633			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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	DRAWN -	REVISOR -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 1/28/2021	DATE -	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

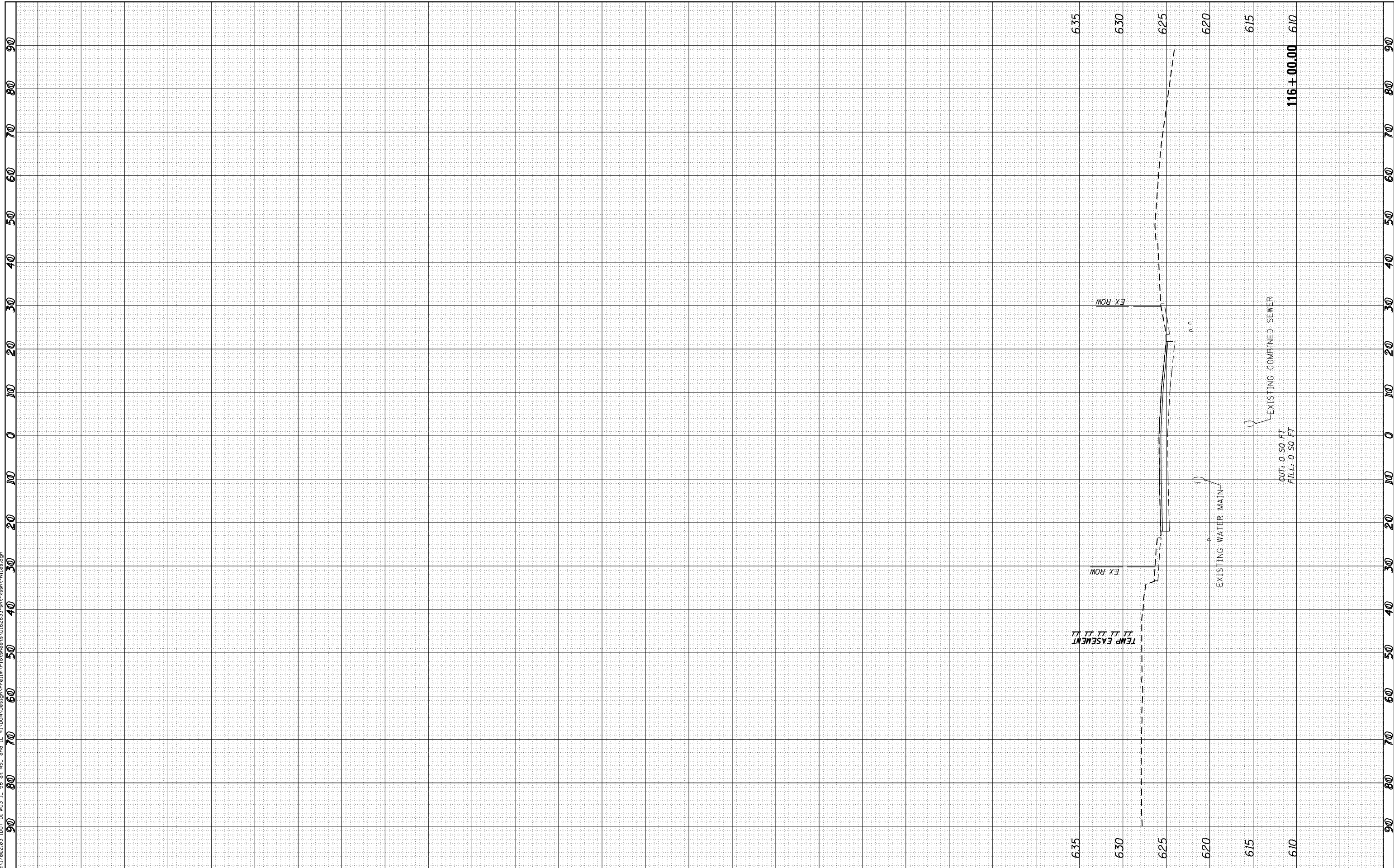
<b>CROSS SECTIONS MILES CENTER ROAD</b>	
VER SCALE: 1"=5'	SHEET OF SHEETS
HOR SCALE: 1"=50 FT	STA. 109+00.00 TO STA. 115+00.00

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 216
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

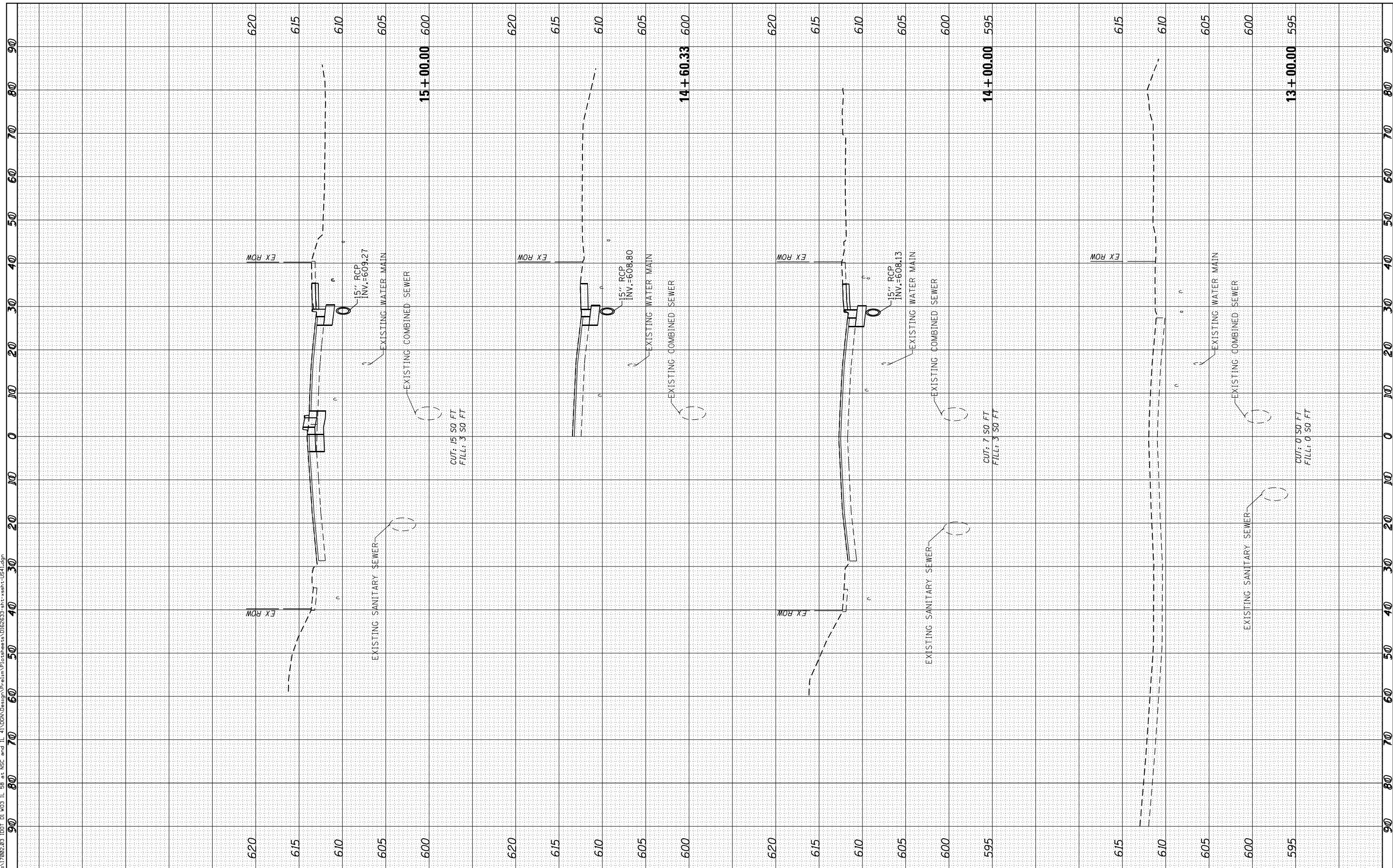
CROSS SECTIONS	
MILES CENTER ROAD	
VER SCALE: 1"=5'	
HOR SCALE: 1"=10'	
SHEET	OF SHEETS
STA. 116+00.00	TO STA. 116+00.00

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 217
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				

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

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
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	AREAS CHECKED	

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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
<b>U.S. ROUTE 41 (SKOKIE BOULEVARD)</b>			
VER SCALE: 1"=5'	SHEET	OF	SHEETS
HOR SCALE: 1"=10'	STA. 13+00.00	TO	STA. 15+00.00

F.A.P. RTE. 377	SECTION 2003-065N	COUNTY COOK	TOTAL SHEETS 220	SHEET NO. 218
			CONTRACT NO. 62633	
ILLINOIS FED. AID PROJECT				



