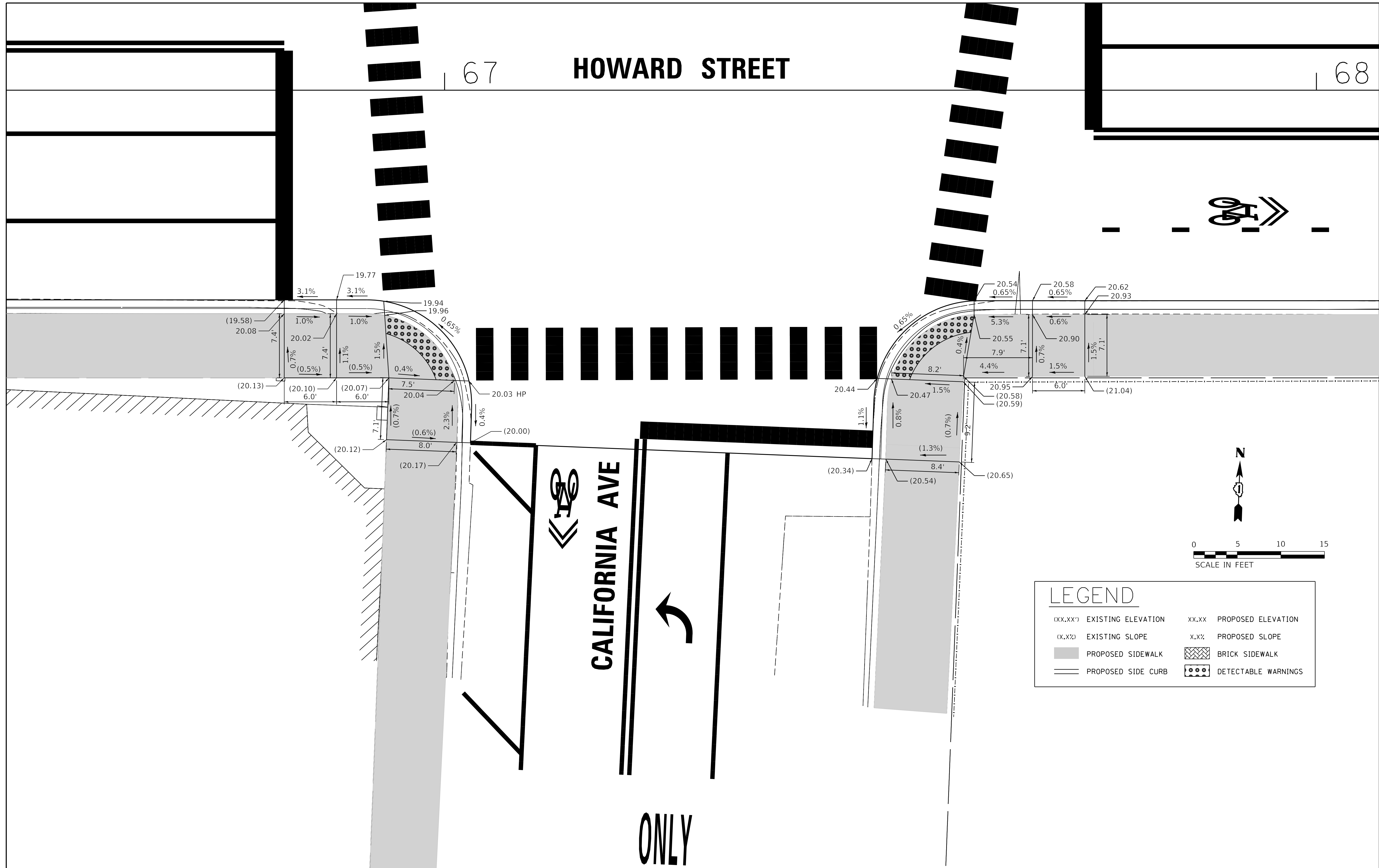


67

# HOWARD STREET

68



**LEGEND**

(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS

FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

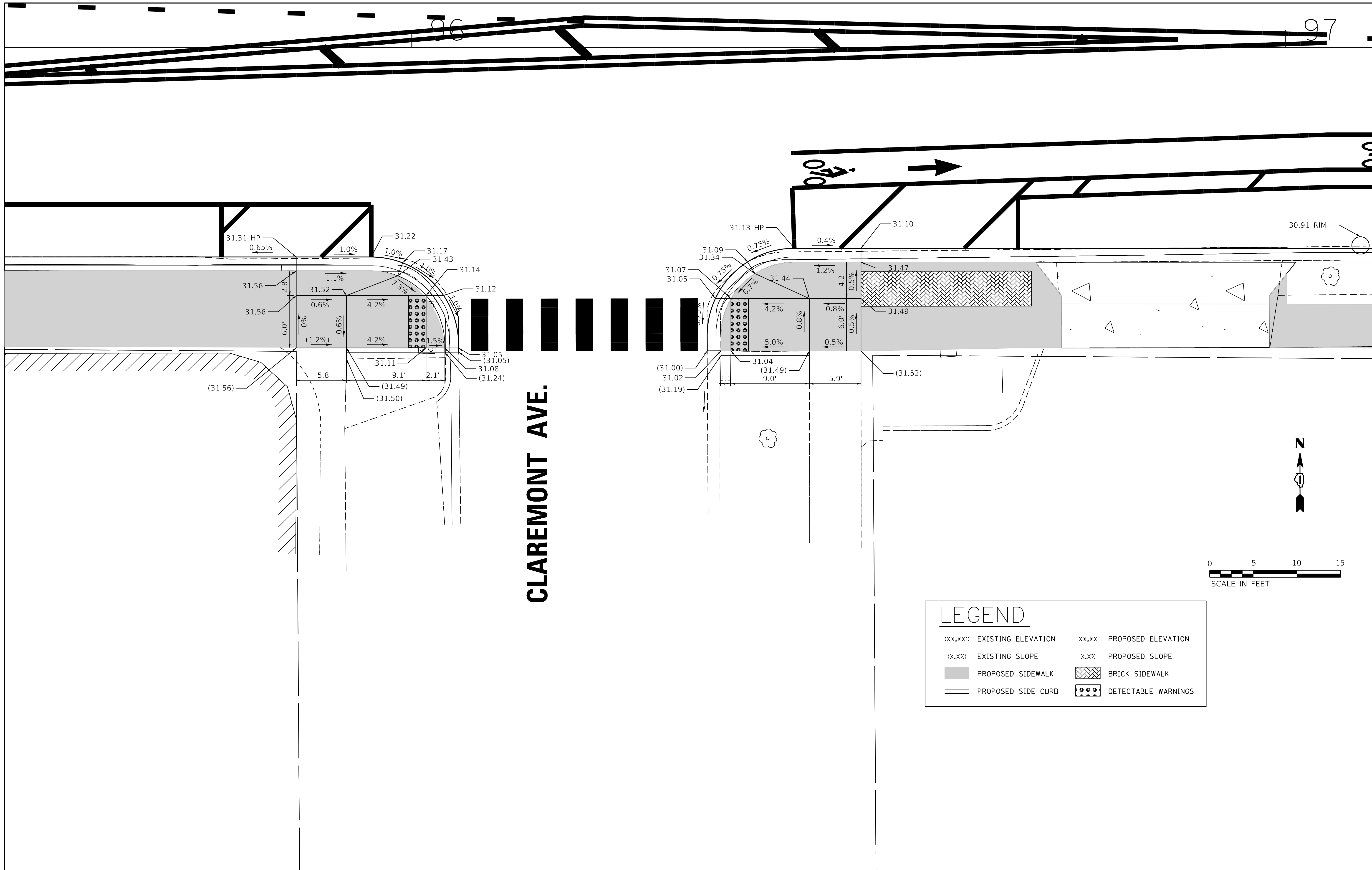
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	101
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

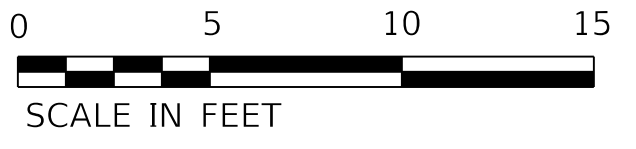
SCALE: SHEET OF SHEETS STA. TO STA.





**LEGEND**

(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS



FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



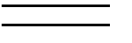

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

SCALE:      SHEET    OF    SHEETS    STA.                    TO STA.

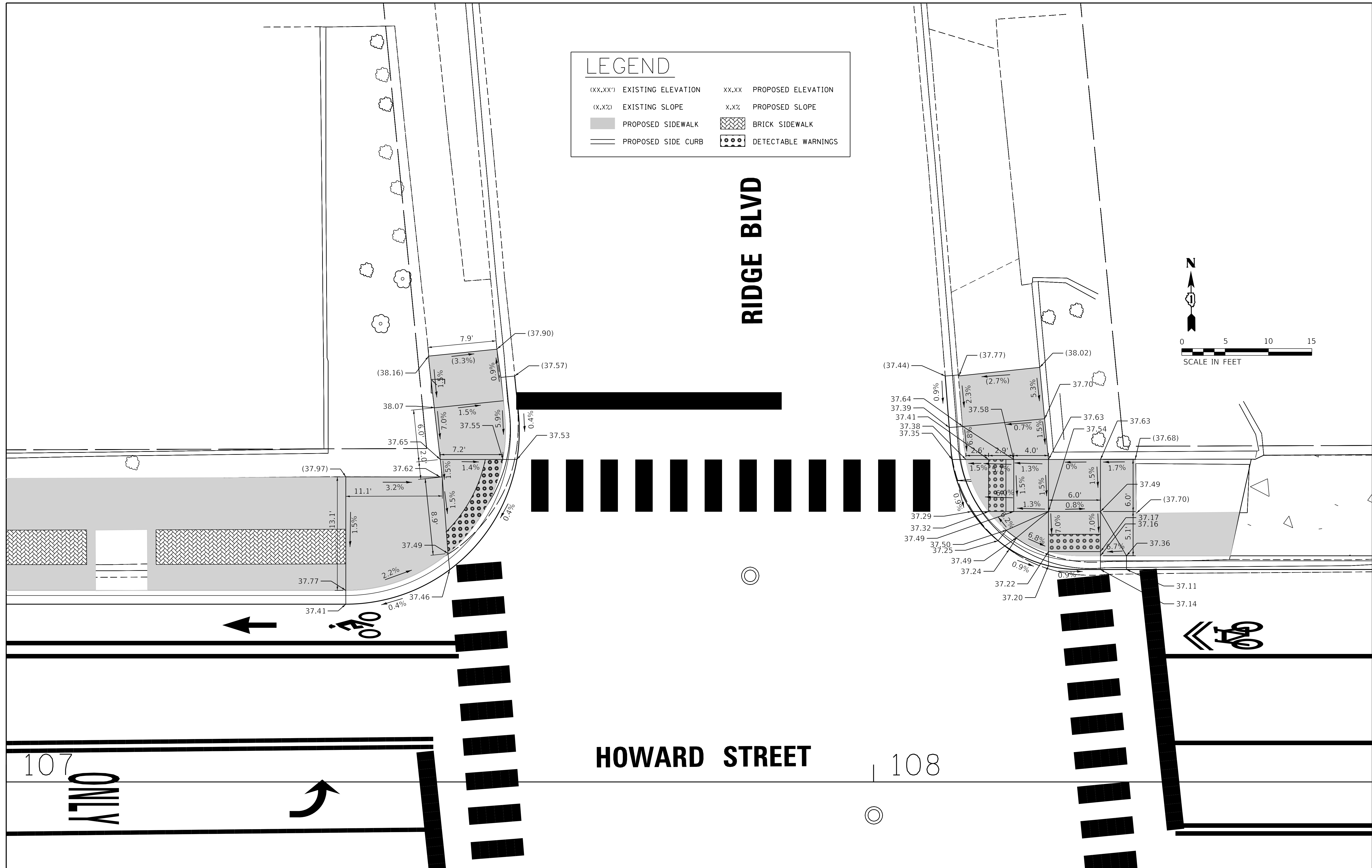
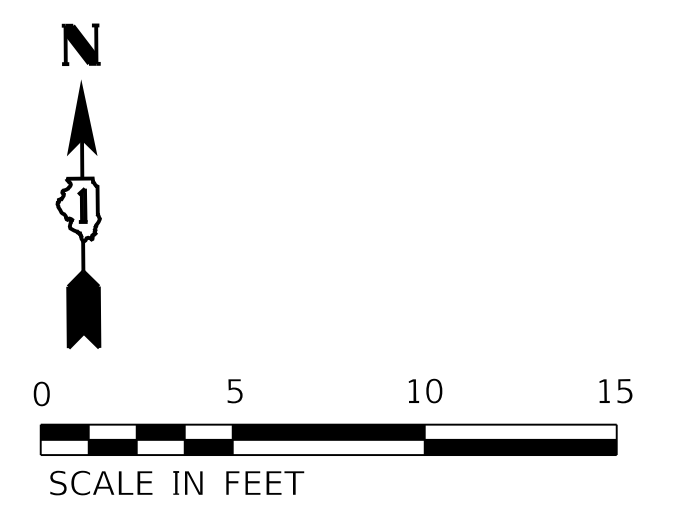
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	103
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				





LEGEND			
(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS

**RIDGE BLVD**



**HOWARD STREET**

107  
**ONLY**

108

FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

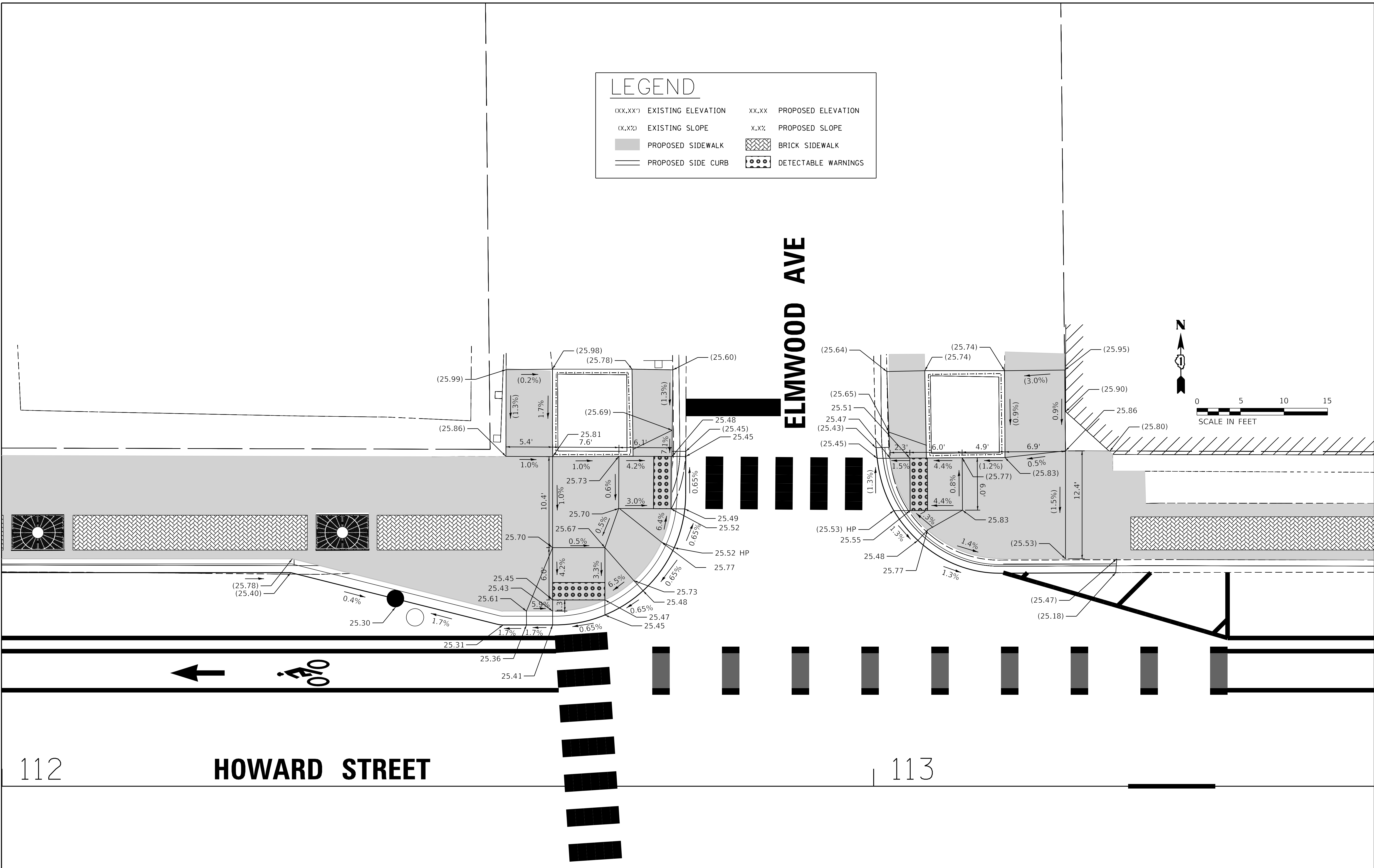
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	106
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

### LEGEND

- (xx.xx') EXISTING ELEVATION      xx.xx PROPOSED ELEVATION
- (x.x%) EXISTING SLOPE            x.x% PROPOSED SLOPE
- ▬ PROPOSED SIDEWALK            ▨ BRICK SIDEWALK
- ▬ PROPOSED SIDE CURB           ▩ DETECTABLE WARNINGS



FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

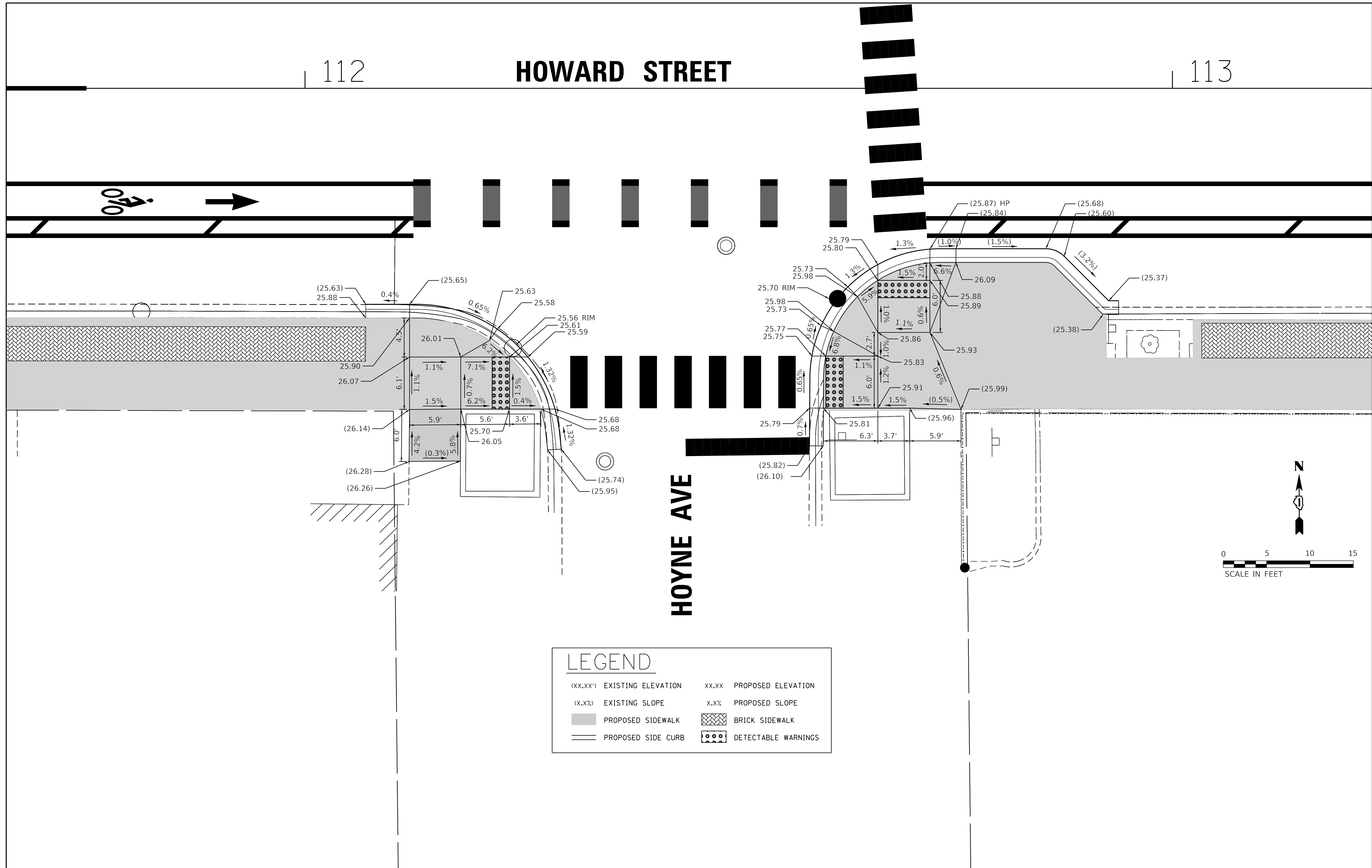
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	107
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

112

# HOWARD STREET

113



LEGEND			
(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS

FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

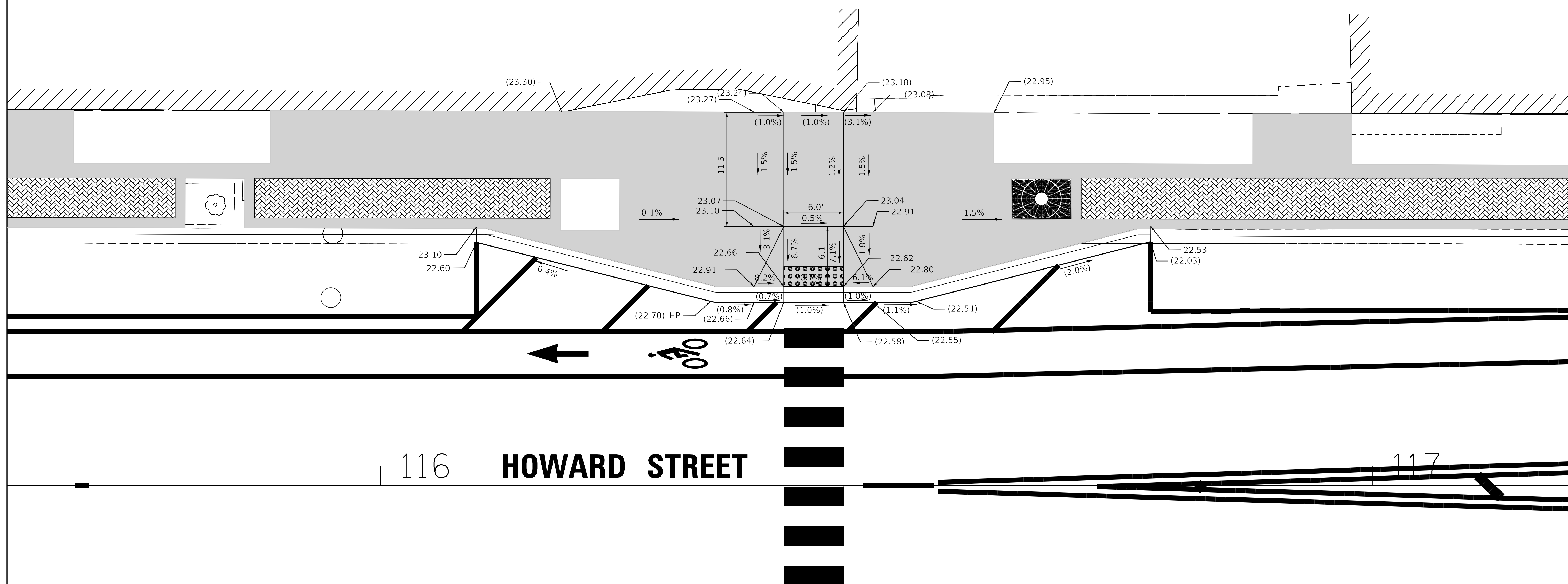
<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT</b>			
<b>ADA DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	108
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				





LEGEND			
(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS



116 HOWARD STREET

117

FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

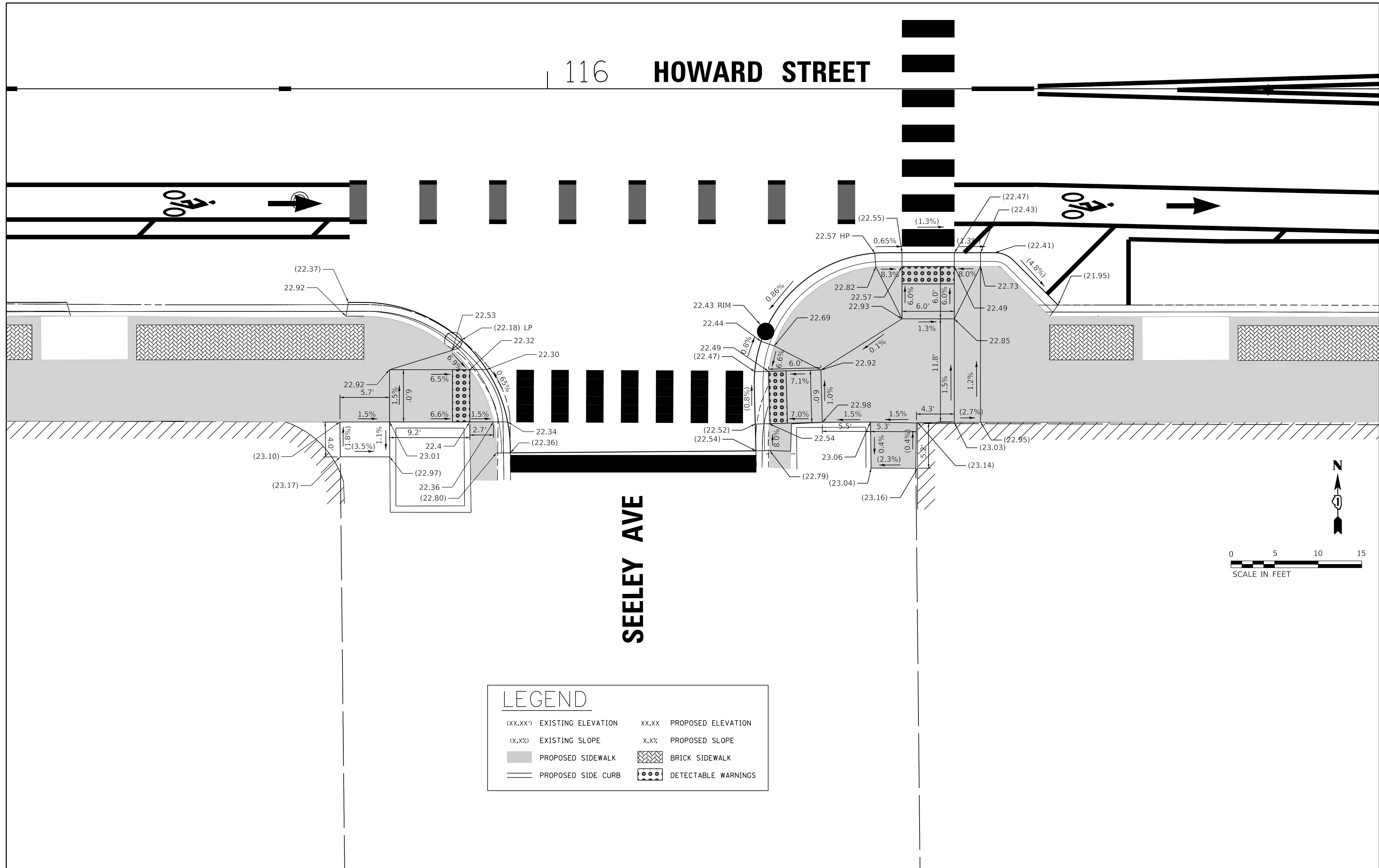
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	109
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

# 116 HOWARD STREET



## SEELEY AVE

LEGEND			
(xx.xx')	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
[Hatched Box]	PROPOSED SIDEWALK	[Hatched Box]	BRICK SIDEWALK
[Line]	PROPOSED SIDE CURB	[Circle with Dots]	DETECTABLE WARNINGS

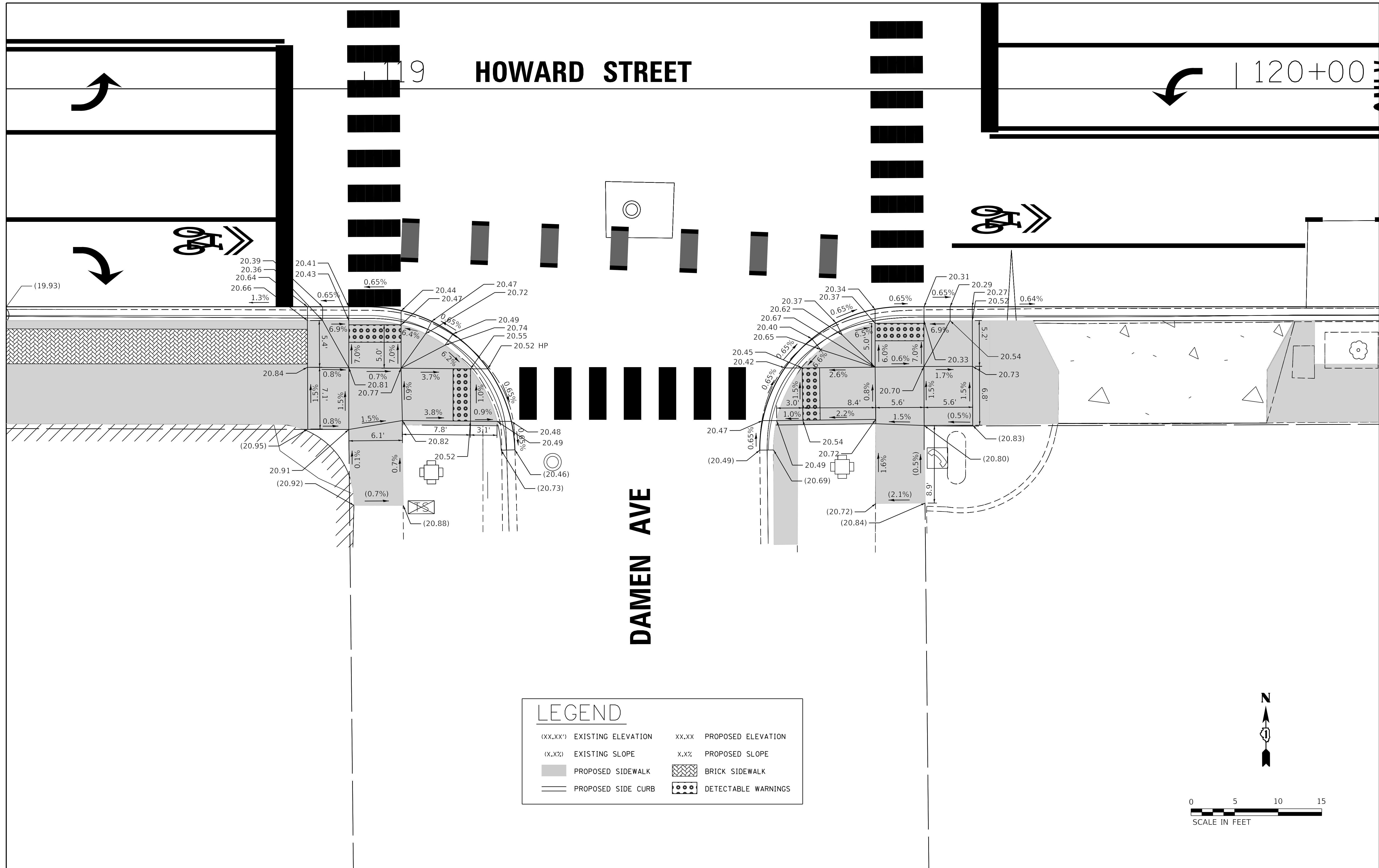
FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -
Default	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT			
ADA DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	110
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



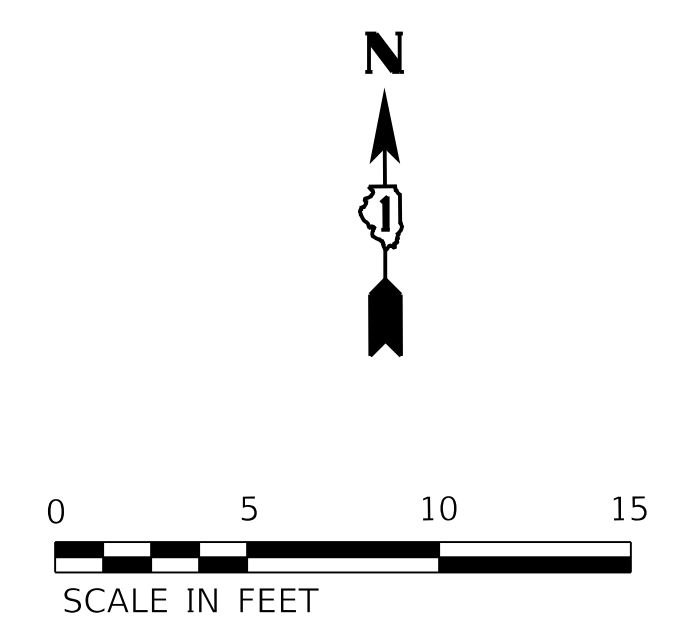


# HOWARD STREET

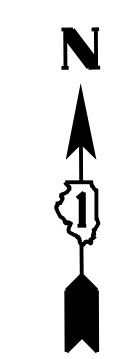
120+00

# DAMEN AVE

LEGEND			
(xx.xx)	EXISTING ELEVATION	xx.xx	PROPOSED ELEVATION
(x.x%)	EXISTING SLOPE	x.x%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS



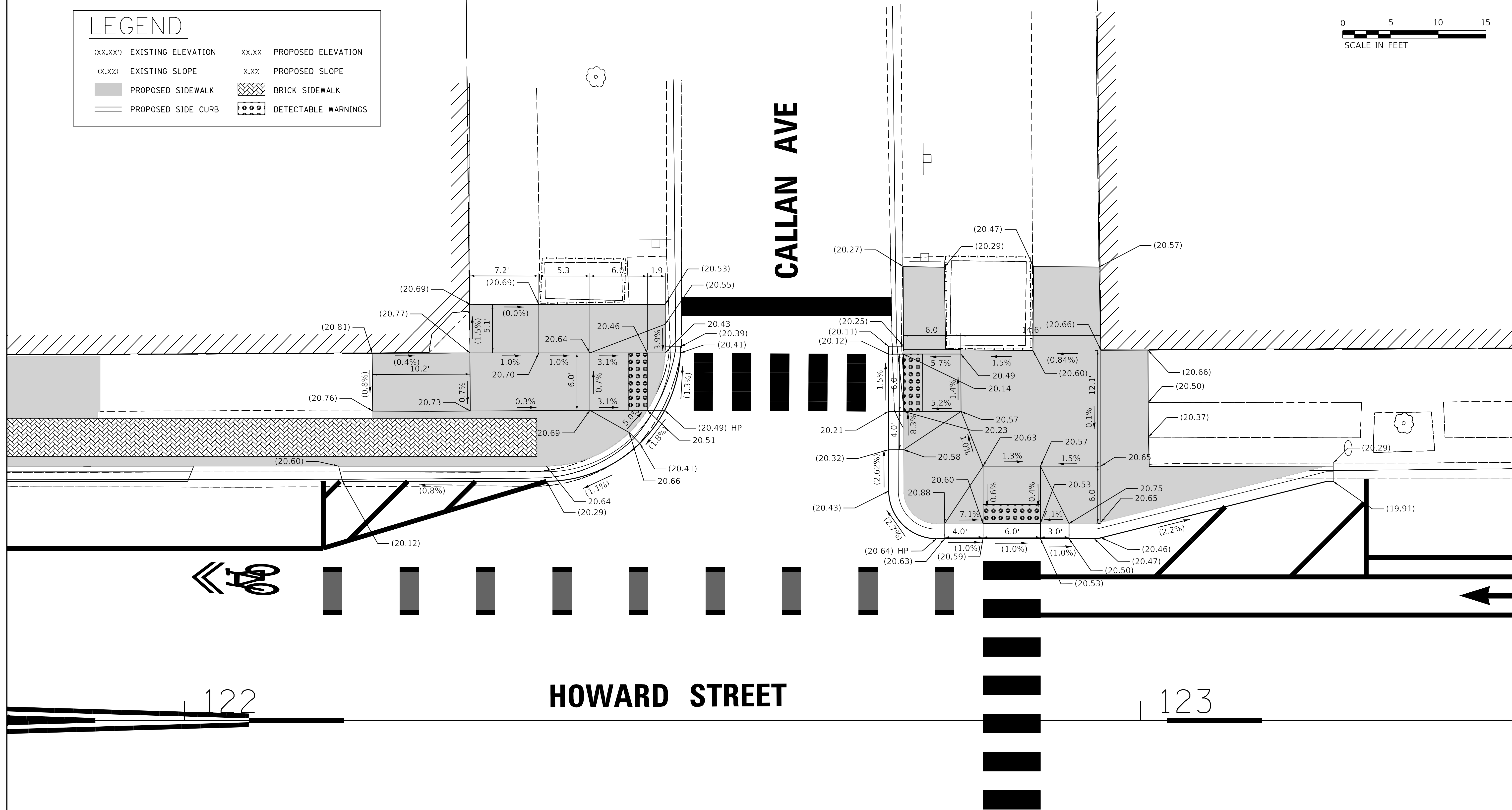
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Default	Phase II Design\Graphics\CAD Files\ADA.190121	DRAWN - ECS	REVISED -			1334	17-00281-00-RS	COOK	270	112	
	PLOT SCALE = 5.00' / in.	CHECKED - KEM	REVISED -			CONTRACT NO. 61G30					
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -			ILLINOIS FED. AID PROJECT					



LEGEND			
(XX.XX')	EXISTING ELEVATION	XX.XX	PROPOSED ELEVATION
(X.X%)	EXISTING SLOPE	X.X%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS

**CALLAN AVE**

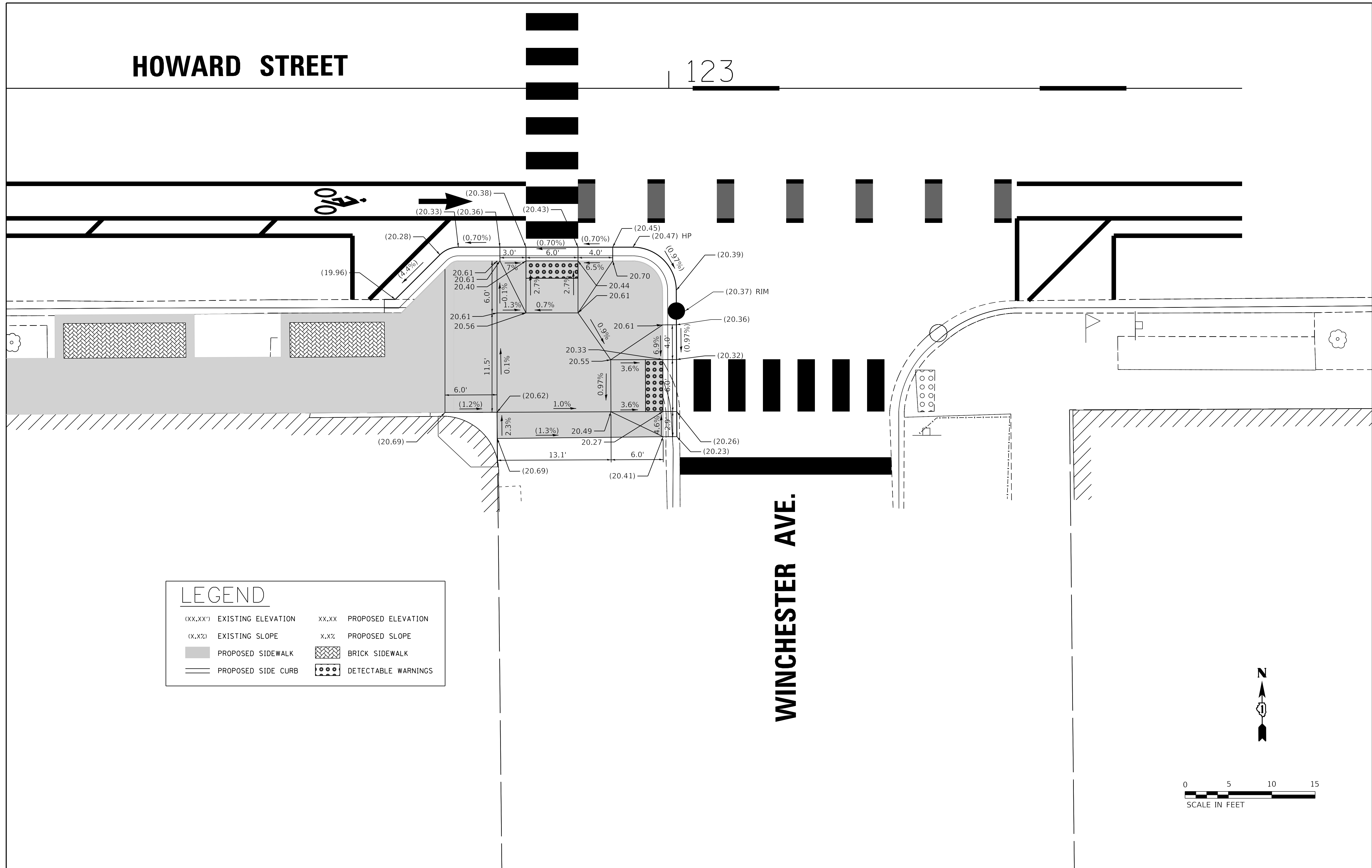
**HOWARD STREET**



FILE NAME = M:\2019\3 CH\17-03-3890 Howard Street	USER NAME = esolutz Phase II Design\Graphics\CAD Files\ADA\190121	DESIGNED - ECS DRAWN - ECS	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT ADA DETAILS</b>				F.A. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270	SHEET NO. 113
Default	PLOT SCALE = 5.00' / in. PLOT DATE = 1/13/2020	CHECKED - KEM DATE - 11/20/2019	SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 61G30				ILLINOIS FED. AID PROJECT				

# HOWARD STREET

123



**LEGEND**

(XX.XX')	EXISTING ELEVATION	XX.XX	PROPOSED ELEVATION
(X.X%)	EXISTING SLOPE	X.X%	PROPOSED SLOPE
	PROPOSED SIDEWALK		BRICK SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS

# WINCHESTER AVE.

FILE NAME =	USER NAME = esolutz	DESIGNED - ECS	REVISED -
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	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

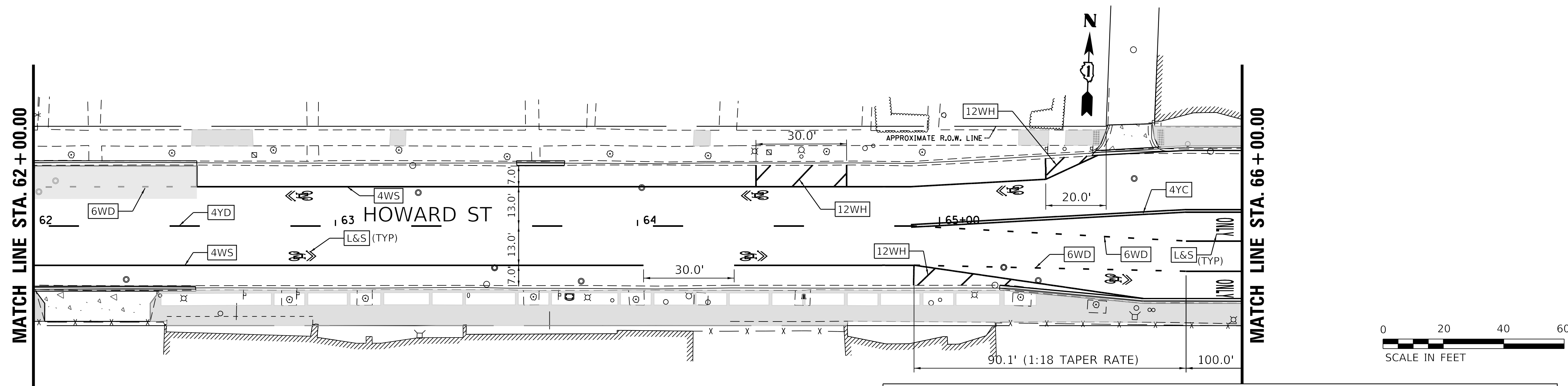
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
ADA DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	114
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

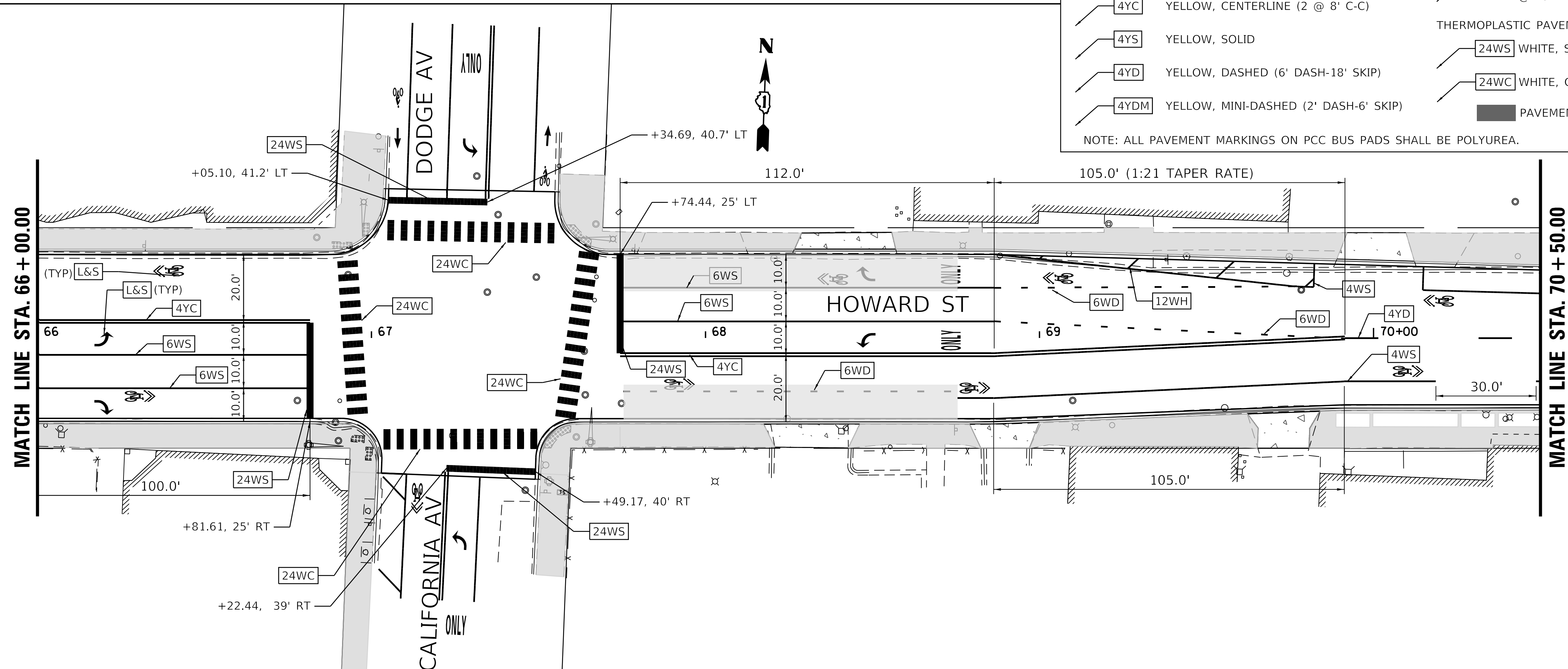




**PAVEMENT MARKING LEGEND**

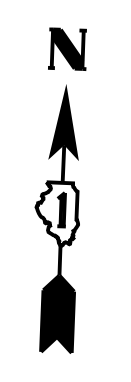
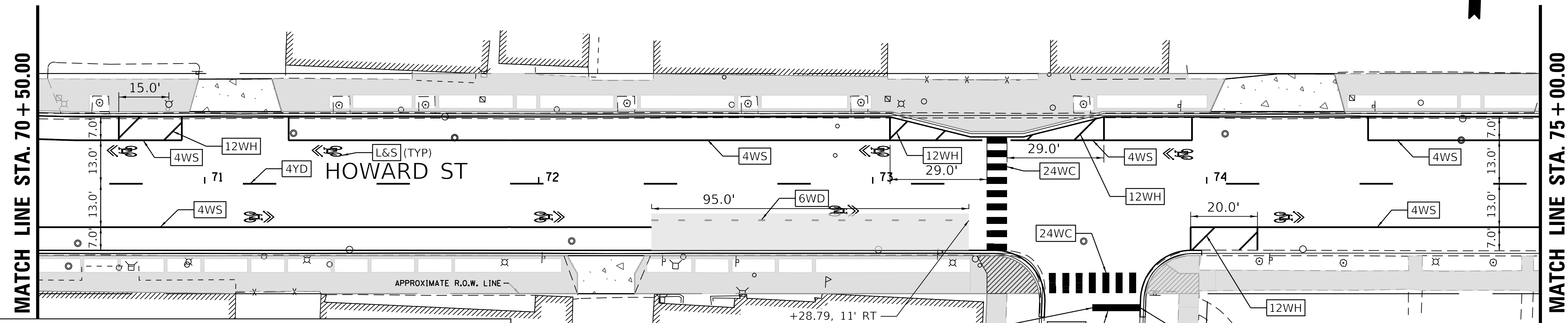
L&S PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA- 78008200)	PAVEMENT MARKING - LINE 6" (THERMOPLASTIC - 78000400 OR POLYUREA - 78008230)
4WS WHITE, SOLID	6WD WHITE, DASHED (2' DASH-6' SKIP)
4WD WHITE, DASHED (6' DASH-18' SKIP)	PAVEMENT MARKING - LINE 12" (THERMOPLASTIC - 78000600 OR POLYUREA - 78008250)
4WDM WHITE, MINI-DASHED (2' DASH-6' SKIP)	12YH YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)
4YC YELLOW, CENTERLINE (2 @ 8' C-C)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)
4YS YELLOW, SOLID	24WC WHITE, CROSSWALK (4' C-C)
4YD YELLOW, DASHED (6' DASH-18' SKIP)	PAVEMENT MARKING (SPECIAL) (XX008910)
4YDM YELLOW, MINI-DASHED (2' DASH-6' SKIP)	

NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.



FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PAVEMENT MARKING PLANS</b>				F.A. RTE. = 1334	SECTION = 17-00281-00-RS	COUNTY = COOK	TOTAL SHEETS = 270	SHEET NO. = 116
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PMK_190121	DRAWN - KEM	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61G30	
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -										

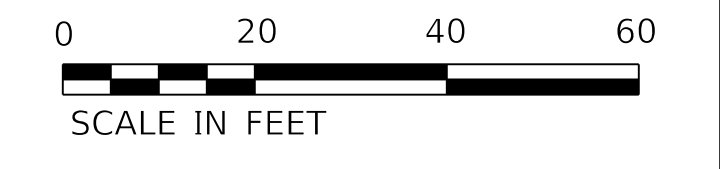
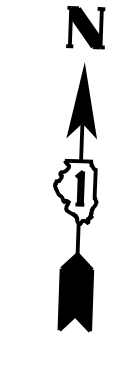
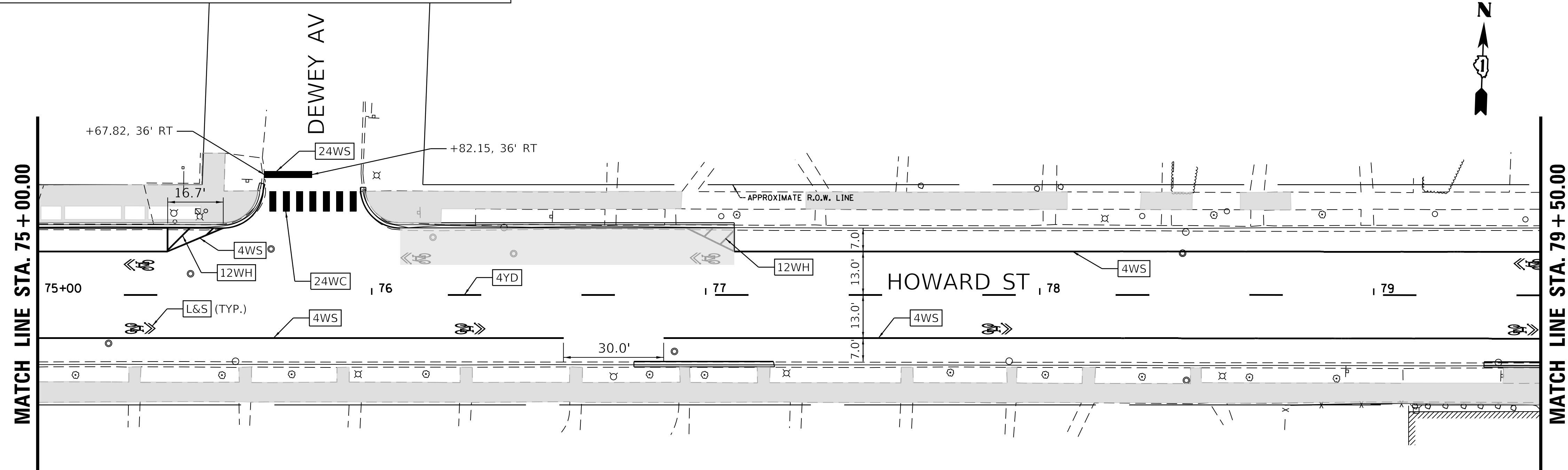




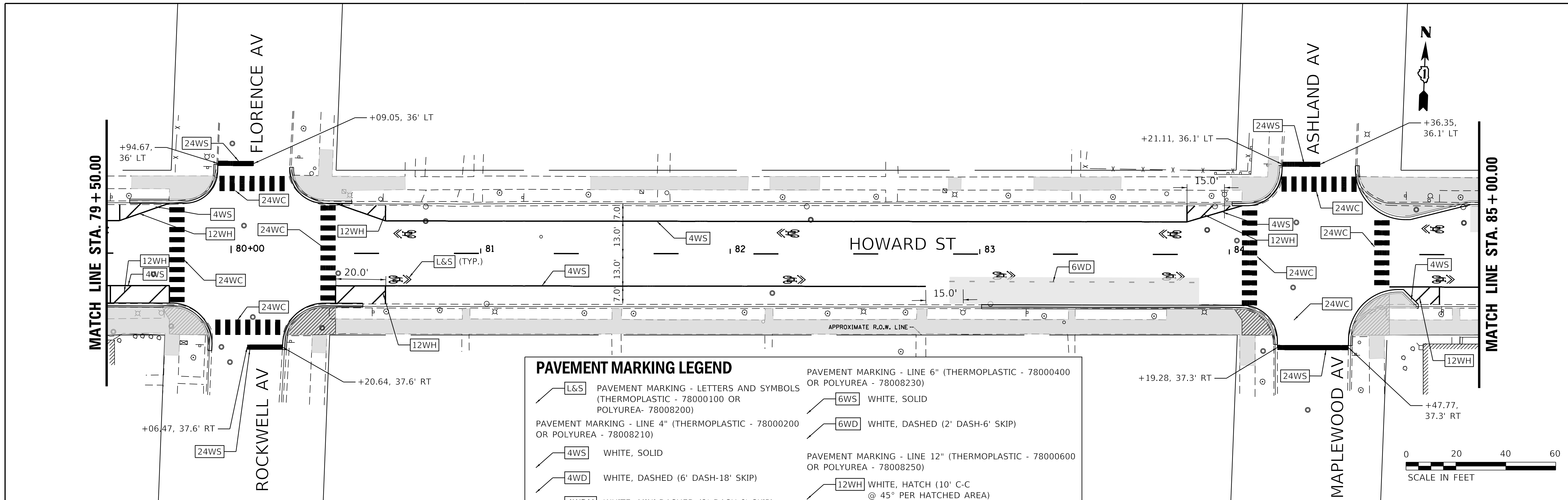
**PAVEMENT MARKING LEGEND**

PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA - 78008200)	PAVEMENT MARKING - LINE 6" (THERMOPLASTIC - 78000400 OR POLYUREA - 78008230)	WHITE, SOLID
PAVEMENT MARKING - LINE 4" (THERMOPLASTIC - 78000200 OR POLYUREA - 78008210)	WHITE, DASHED (2' DASH-6' SKIP)	PAVEMENT MARKING - LINE 12" (THERMOPLASTIC - 78000600 OR POLYUREA - 78008250)
WHITE, SOLID	WHITE, HATCH (10' C-C @ 45° PER HATCHED AREA)	YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)
WHITE, DASHED (6' DASH-18' SKIP)	YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)
WHITE, MINI-DASHED (2' DASH-6' SKIP)	WHITE, SOLID	WHITE, CROSSWALK (4' C-C)
YELLOW, CENTERLINE (2 @ 8' C-C)	WHITE, CROSSWALK (4' C-C)	PAVEMENT MARKING (SPECIAL) (XX008910)
YELLOW, SOLID		
YELLOW, DASHED (6' DASH-18' SKIP)		
YELLOW, MINI-DASHED (2' DASH-6' SKIP)		

NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.



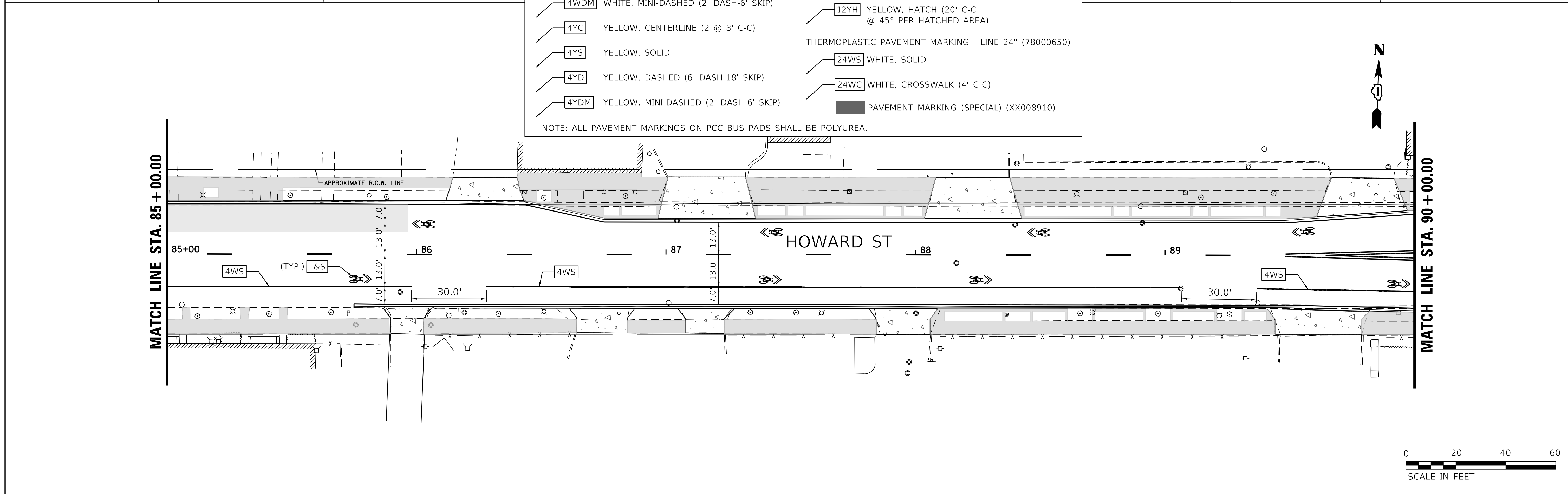
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M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PMK_190121	DRAWN - KEM	REVISED -		1334	17-00281-00-RS	COOK	270	117				
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		CONTRACT NO. 61G30								
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.		



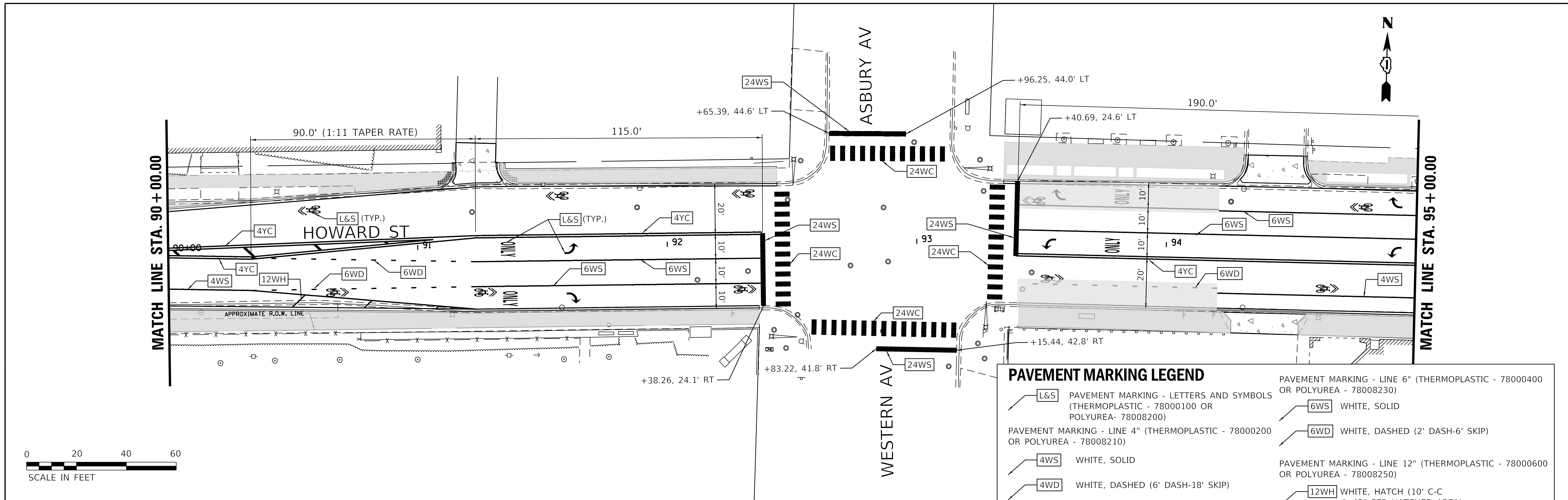
### PAVEMENT MARKING LEGEND

<p><b>L&amp;S</b> PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA - 78008200)</p> <p><b>4WS</b> WHITE, SOLID</p> <p><b>4WD</b> WHITE, DASHED (6' DASH-18' SKIP)</p> <p><b>4WDM</b> WHITE, MINI-DASHED (2' DASH-6' SKIP)</p> <p><b>4YC</b> YELLOW, CENTERLINE (2 @ 8' C-C)</p> <p><b>4YS</b> YELLOW, SOLID</p> <p><b>4YD</b> YELLOW, DASHED (6' DASH-18' SKIP)</p> <p><b>4YDM</b> YELLOW, MINI-DASHED (2' DASH-6' SKIP)</p>	<p>PAVEMENT MARKING - LINE 6" (THERMOPLASTIC - 78000400 OR POLYUREA - 78008230)</p> <p><b>6WS</b> WHITE, SOLID</p> <p><b>6WD</b> WHITE, DASHED (2' DASH-6' SKIP)</p> <p>PAVEMENT MARKING - LINE 12" (THERMOPLASTIC - 78000600 OR POLYUREA - 78008250)</p> <p><b>12WH</b> WHITE, HATCH (10' C-C @ 45° PER HATCHED AREA)</p> <p><b>12YH</b> YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)</p> <p>THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)</p> <p><b>24WS</b> WHITE, SOLID</p> <p><b>24WC</b> WHITE, CROSSWALK (4' C-C)</p> <p><b>XX008910</b> PAVEMENT MARKING (SPECIAL)</p>
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NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.



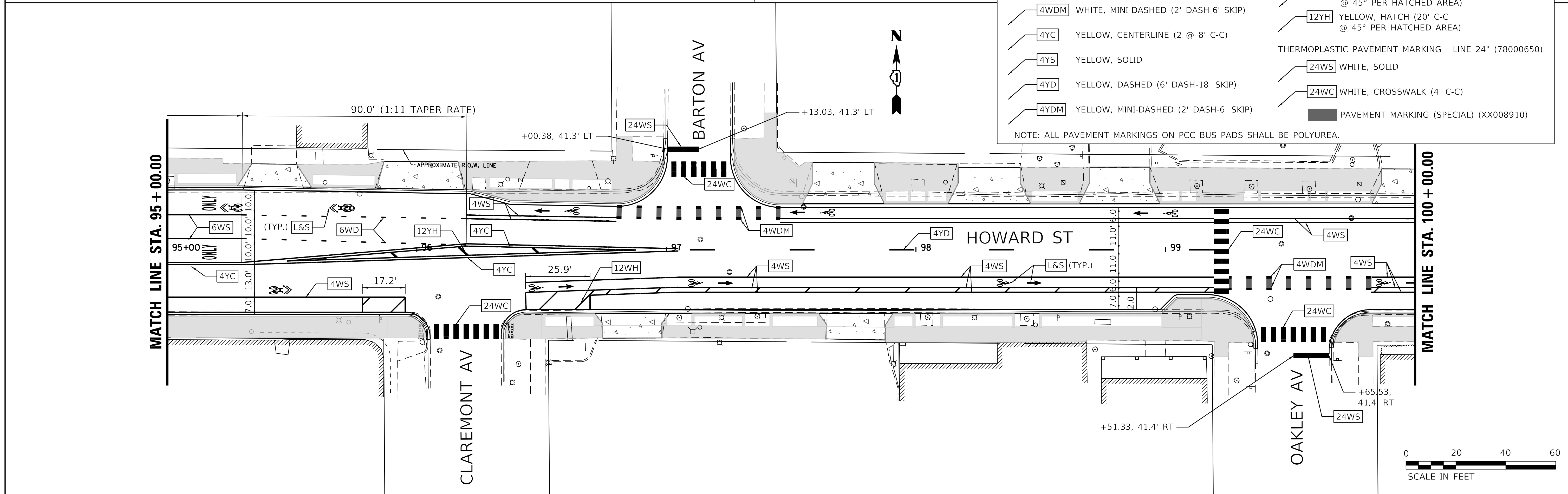
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	Phase II Design\Graphics\CAD Files\PMK_190121	DRAWN - KEM	REVISED -		1334	17-00281-00-RS	COOK	270	118				
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Default	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		ILLINOIS FED. AID PROJECT								



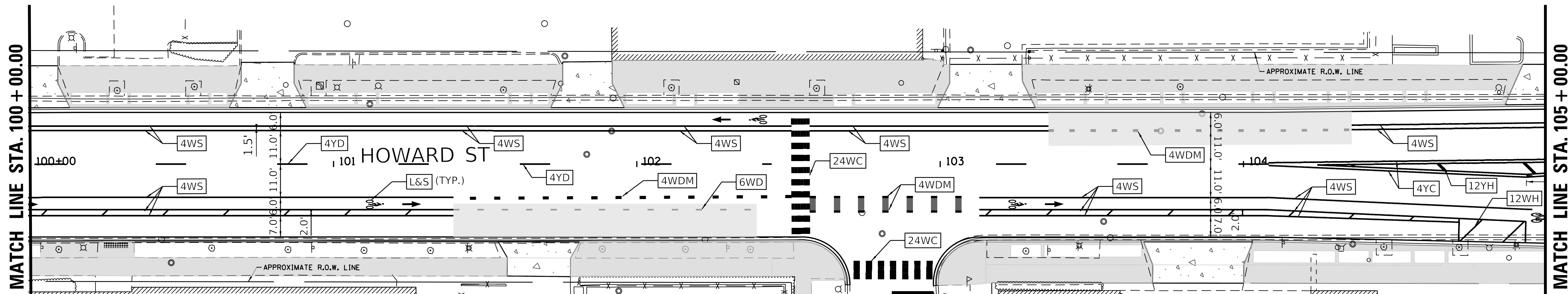
**PAVEMENT MARKING LEGEND**

L&S	PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA- 78008200)	6WS	PAVEMENT MARKING - LINE 6" (THERMOPLASTIC - 78000400 OR POLYUREA - 78008230) WHITE, SOLID
4WS	WHITE, SOLID	6WD	WHITE, DASHED (2' DASH-6' SKIP)
4WD	WHITE, DASHED (6' DASH-18' SKIP)	12WH	PAVEMENT MARKING - LINE 12" (THERMOPLASTIC - 78000600 OR POLYUREA - 78008250) WHITE, HATCH (10' C-C @ 45° PER HATCHED AREA)
4WDM	WHITE, MINI-DASHED (2' DASH-6' SKIP)	12YH	YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)
4YC	YELLOW, CENTERLINE (2 @ 8' C-C)	24WS	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650) WHITE, SOLID
4YS	YELLOW, SOLID	24WC	WHITE, CROSSWALK (4' C-C)
4YD	YELLOW, DASHED (6' DASH-18' SKIP)	PAVEMENT MARKING (SPECIAL) (XX008910)	
4YDM	YELLOW, MINI-DASHED (2' DASH-6' SKIP)		

NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.



FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PAVEMENT MARKING PLANS</b>				F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PMK_190121	DRAWN - KEM	REVISED -		1334	17-00281-00-RS	COOK	270	119					
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		SCALE: 1"=20'				SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 61G30	
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -						ILLINOIS FED. AID PROJECT					



**PAVEMENT MARKING LEGEND**

L&S PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA- 78008200)	6WS WHITE, SOLID
4WS WHITE, SOLID	6WD WHITE, DASHED (2' DASH-6' SKIP)
4WD WHITE, DASHED (6' DASH-18' SKIP)	12WH WHITE, HATCH (10' C-C @ 45° PER HATCHED AREA)
4WDM WHITE, MINI-DASHED (2' DASH-6' SKIP)	12YH YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)
4YC YELLOW, CENTERLINE (2 @ 8' C-C)	24WS WHITE, SOLID
4YS YELLOW, SOLID	24WC WHITE, CROSSWALK (4' C-C)
4YD YELLOW, DASHED (6' DASH-18' SKIP)	PAVEMENT MARKING (SPECIAL) (XX008910)
4YDM YELLOW, MINI-DASHED (2' DASH-6' SKIP)	

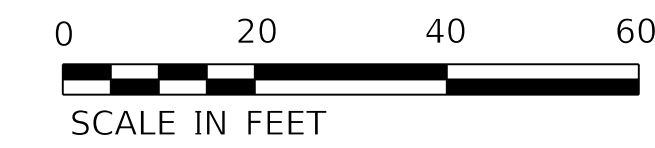
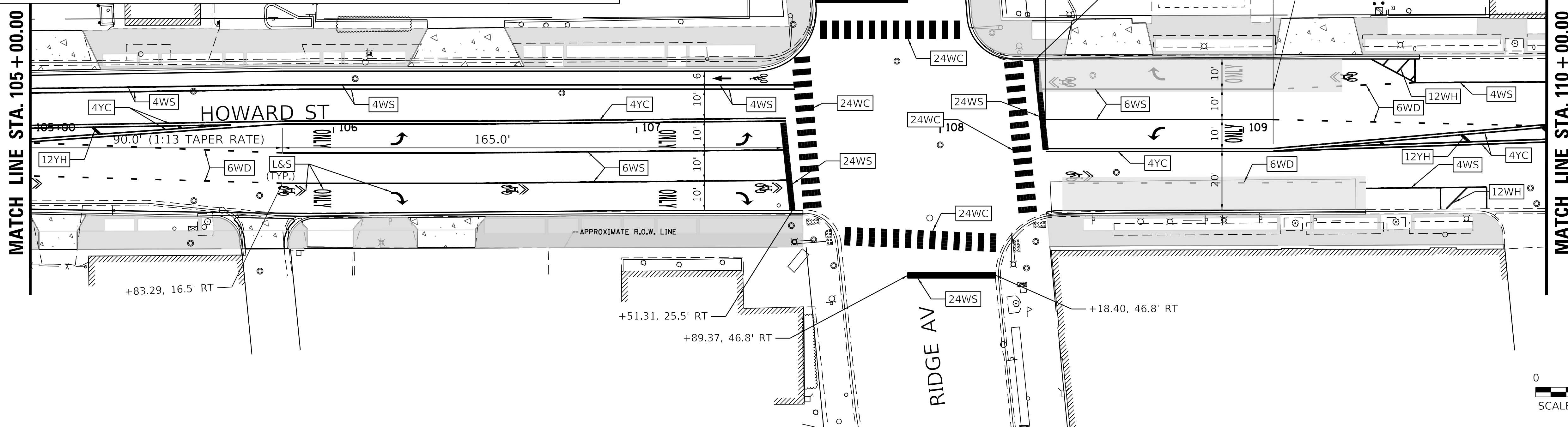
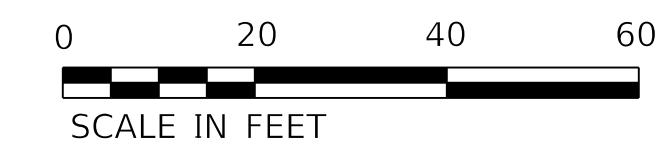
PAVEMENT MARKING - LINE 6" (THERMOPLASTIC - 78000400 OR POLYUREA - 78008230)

PAVEMENT MARKING - LINE 4" (THERMOPLASTIC - 78000200 OR POLYUREA - 78008210)

PAVEMENT MARKING - LINE 12" (THERMOPLASTIC - 78000600 OR POLYUREA - 78008250)

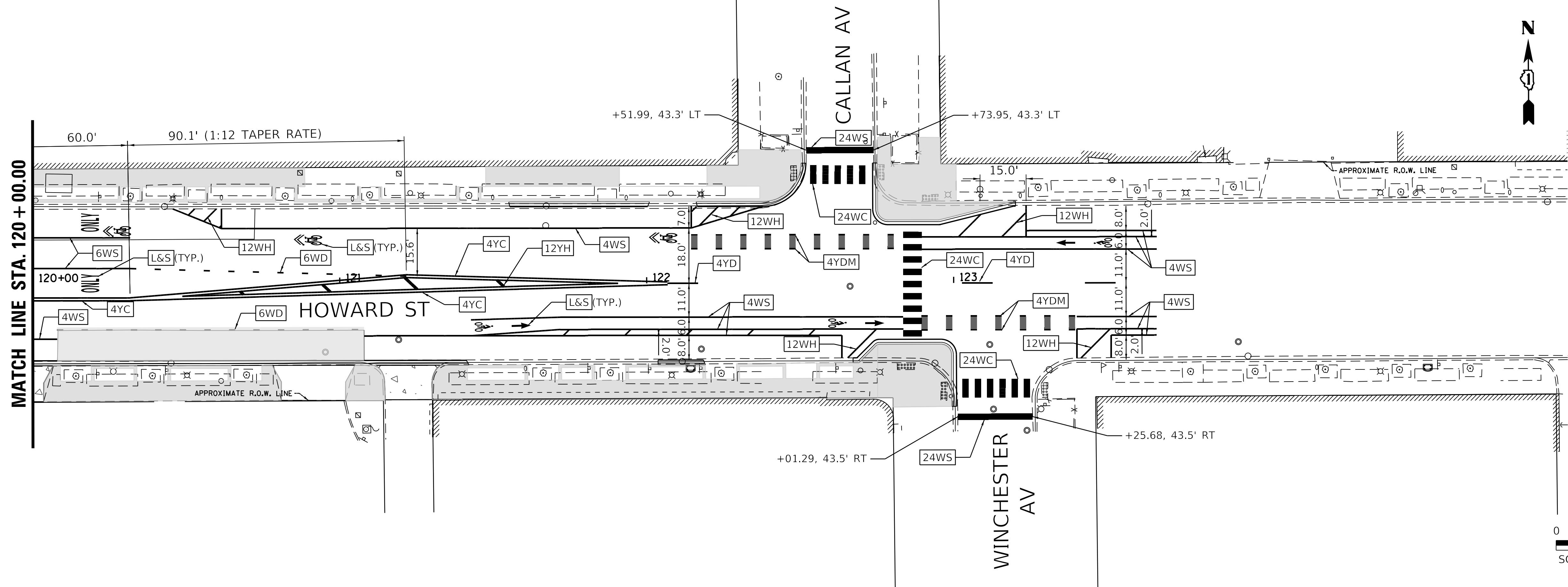
THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)

NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.



FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PAVEMENT MARKING PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PMK_190121	DRAWN - KEM	REVISED -		1334	17-00281-00-RS	COOK	270	120				
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		SCALE: 1"=20'				CONTRACT NO. 61G30				
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				





**PAVEMENT MARKING LEGEND**

- PAVEMENT MARKING - LETTERS AND SYMBOLS (THERMOPLASTIC - 78000100 OR POLYUREA- 780008200)
- WHITE, SOLID
- WHITE, DASHED (6' DASH-18' SKIP)
- WHITE, MINI-DASHED (2' DASH-6' SKIP)
- YELLOW, CENTERLINE (2 @ 8' C-C)
- YELLOW, SOLID
- YELLOW, DASHED (6' DASH-18' SKIP)
- YELLOW, MINI-DASHED (2' DASH-6' SKIP)
- WHITE, SOLID
- WHITE, DASHED (2' DASH-6' SKIP)
- WHITE, HATCH (10' C-C @ 45° PER HATCHED AREA)
- YELLOW, HATCH (20' C-C @ 45° PER HATCHED AREA)
- WHITE, SOLID
- WHITE, CROSSWALK (4' C-C)
- PAVEMENT MARKING (SPECIAL) (XX008910)

NOTE: ALL PAVEMENT MARKINGS ON PCC BUS PADS SHALL BE POLYUREA.

FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PMK.190121	DRAWN - KEM	REVISED -
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

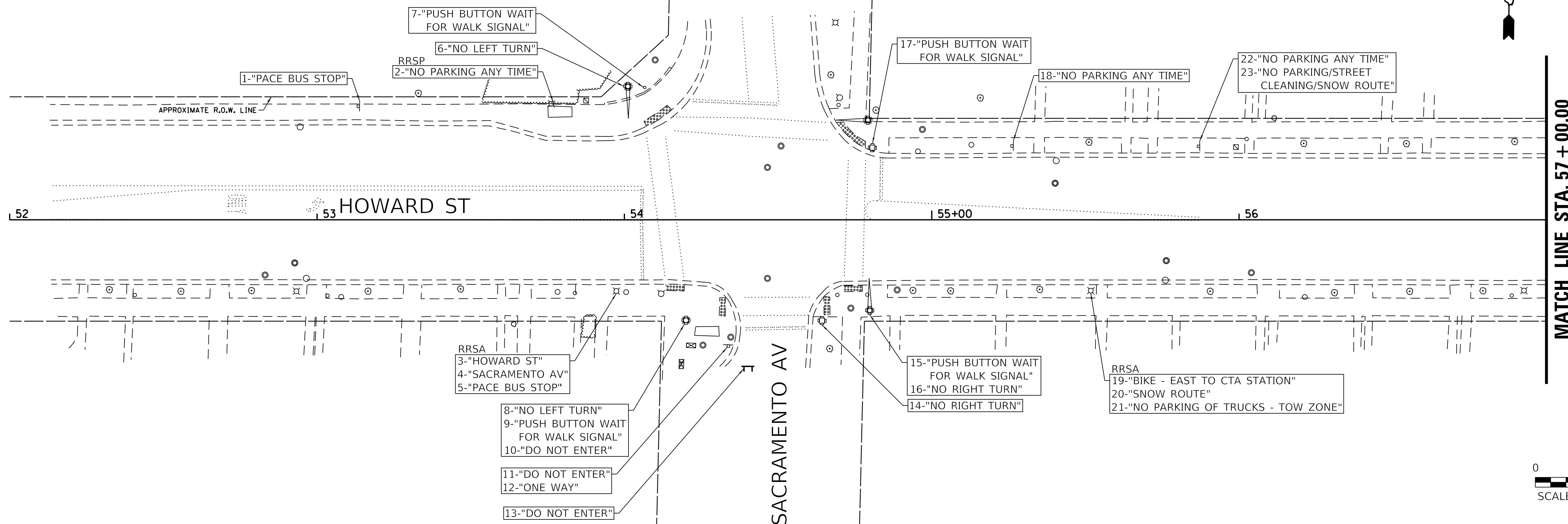
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
PAVEMENT MARKING PLANS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	122
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

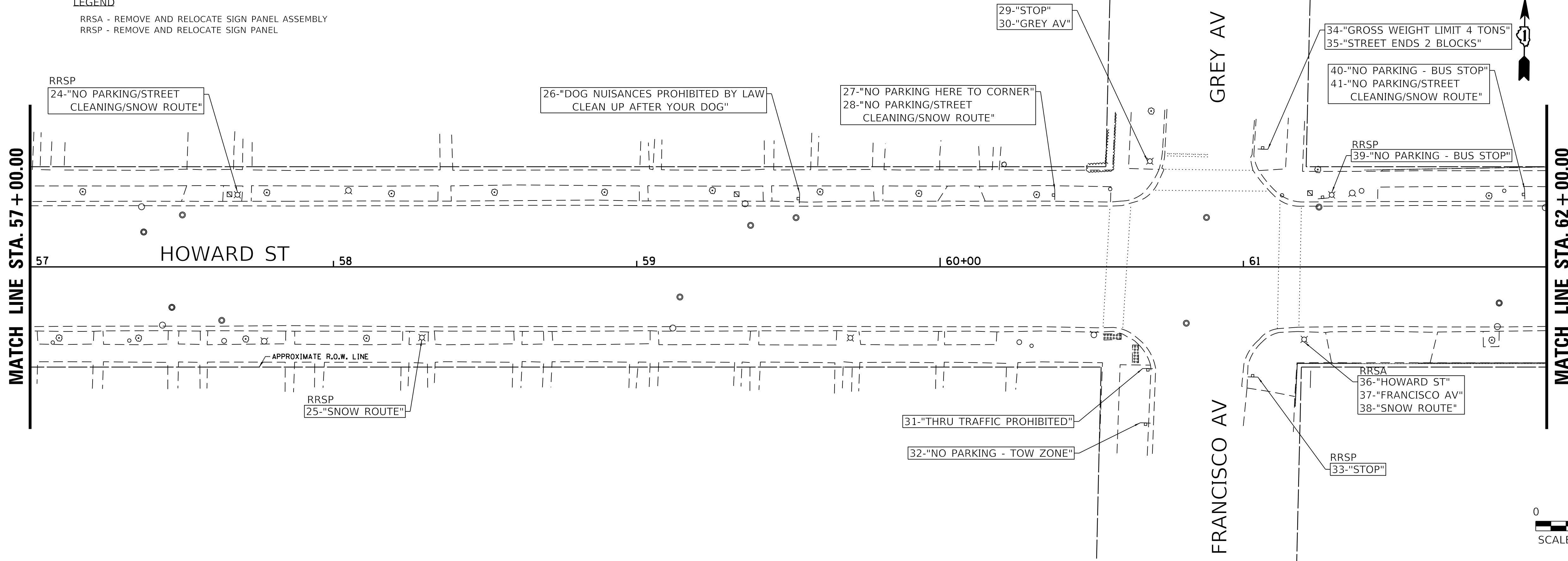
**LEGEND**

RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



**LEGEND**

RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



FILE NAME =	USER NAME = esolutz	DESIGNED - KB	REVISED -
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\EX_SGN_1901	DRAWN - KB	REVISED -
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 EXISTING SIGNAGE PLANS**

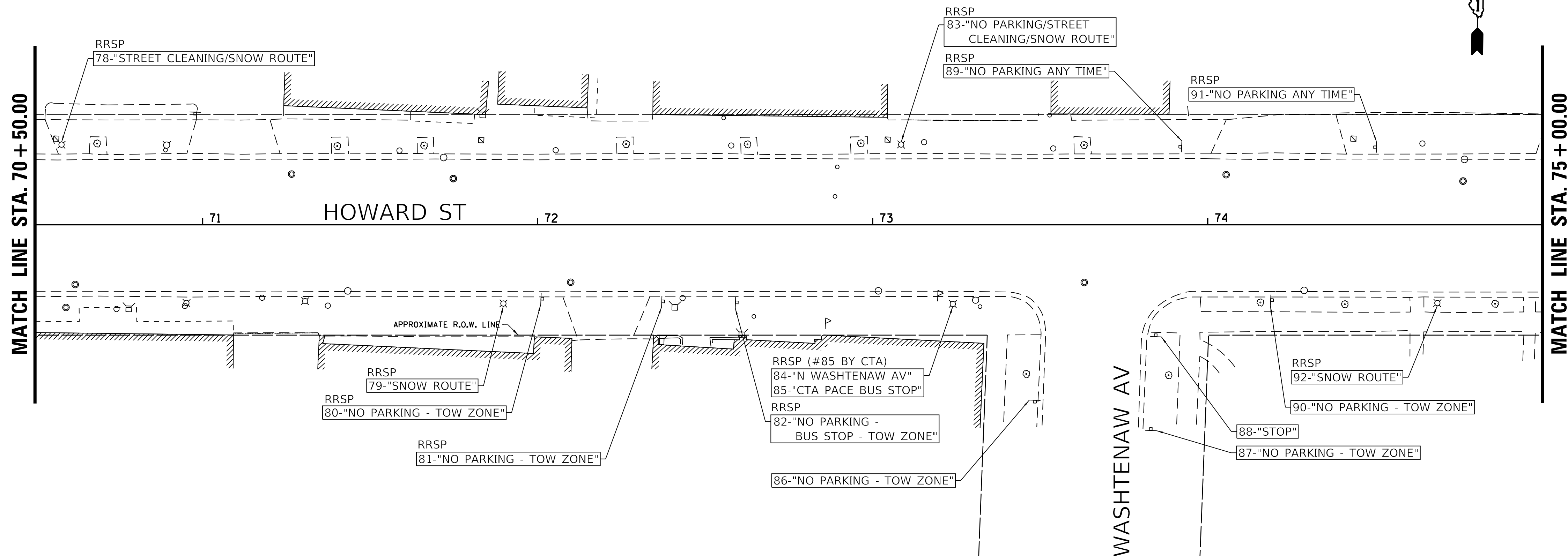
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	123
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

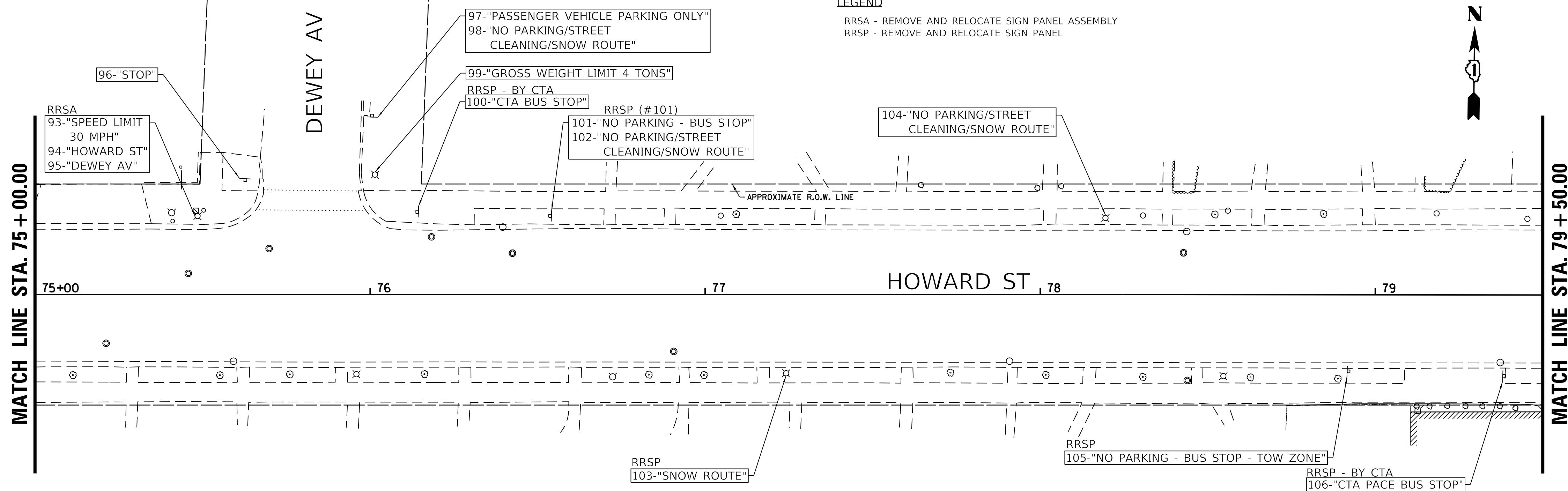




LEGEND  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



LEGEND  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



FILE NAME =	USER NAME = esolutz	DESIGNED - KB	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\EX_SGN_1901	DRAWN - KB	REVISED -
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	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

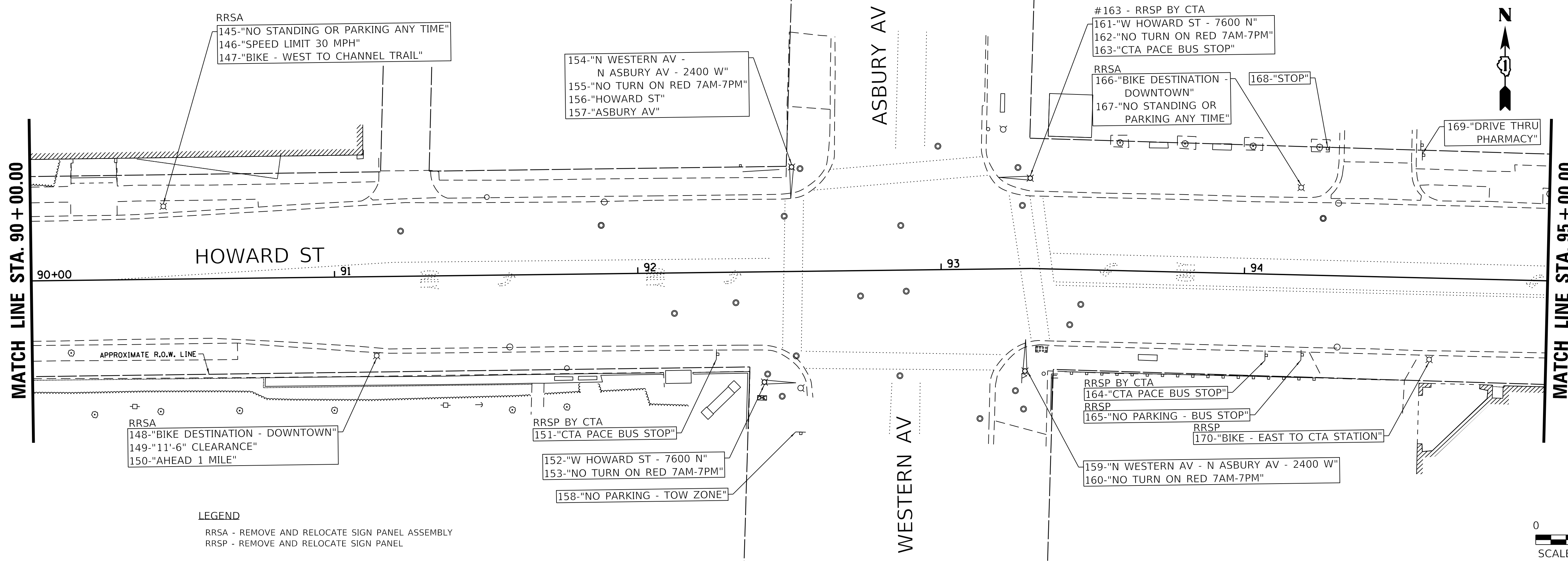
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 EXISTING SIGNAGE PLANS

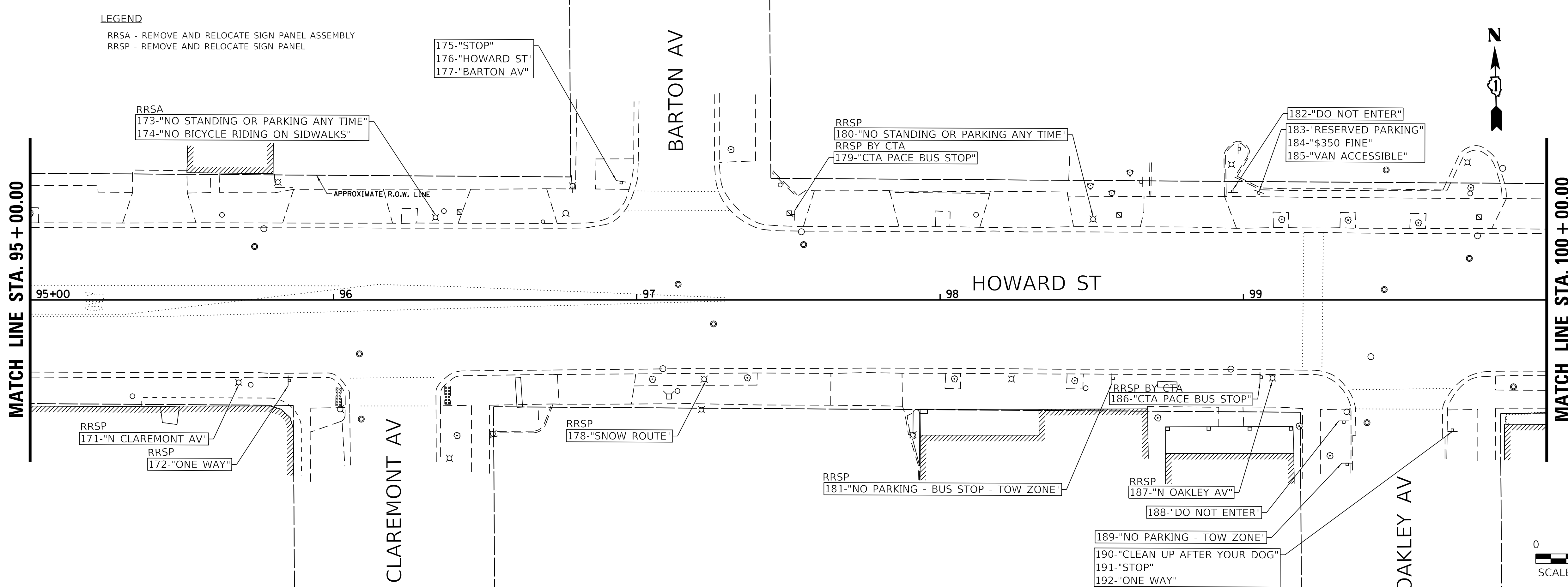
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	125
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				





**LEGEND**  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



**LEGEND**  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



FILE NAME =	USER NAME = esolutz	DESIGNED - KB	REVISED -
M:\_2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\EX_SGN_1901	DRAWN - KB	REVISED -
Default	PLOT SCALE = 20.00' / 1"	CHECKED - ECS	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

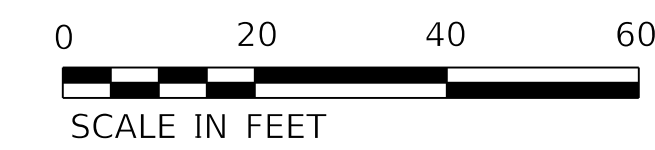
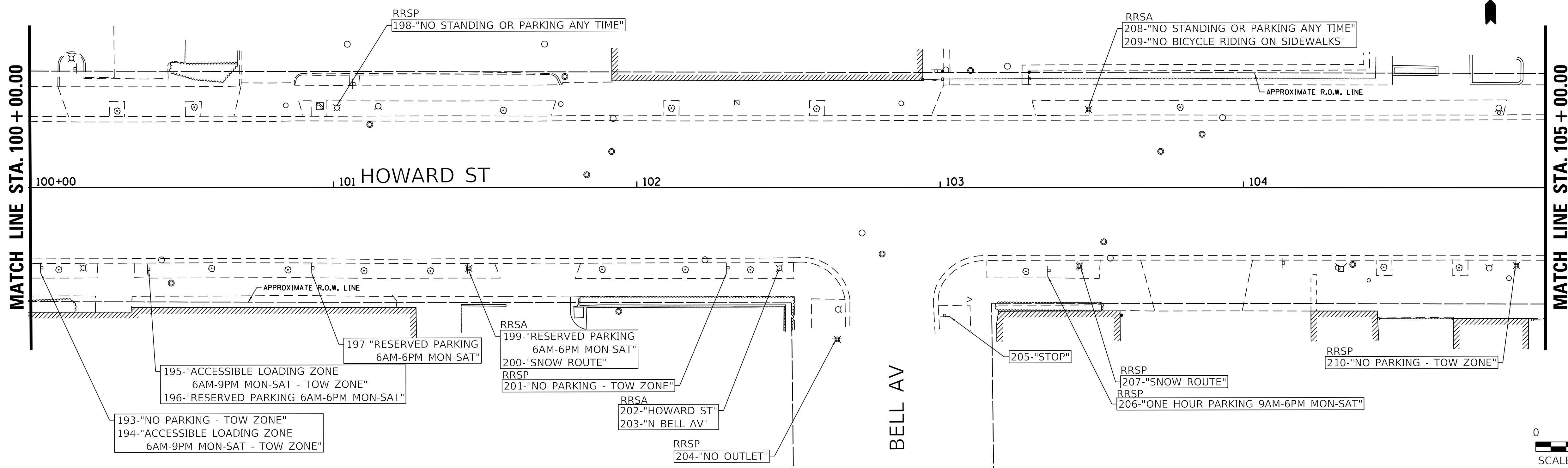
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 EXISTING SIGNAGE PLANS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	127
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

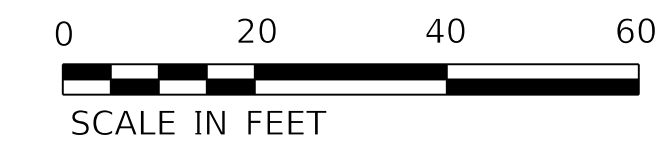
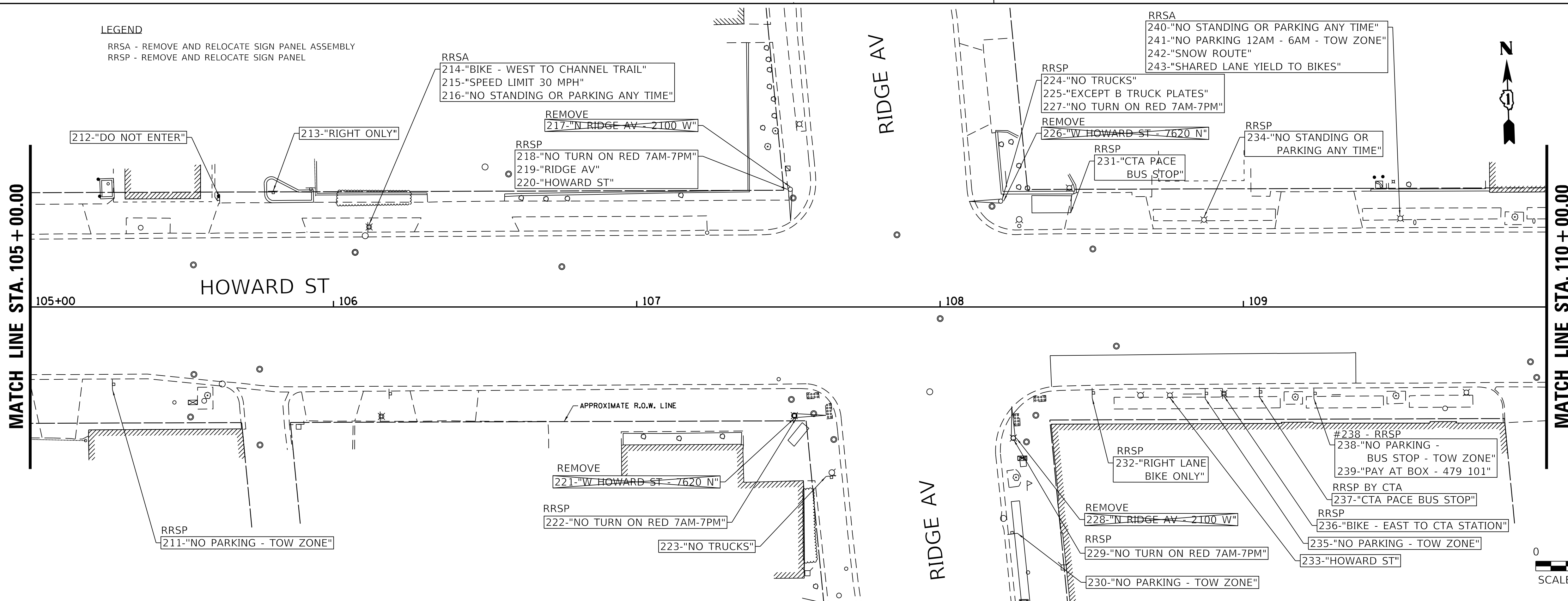
LEGEND

RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



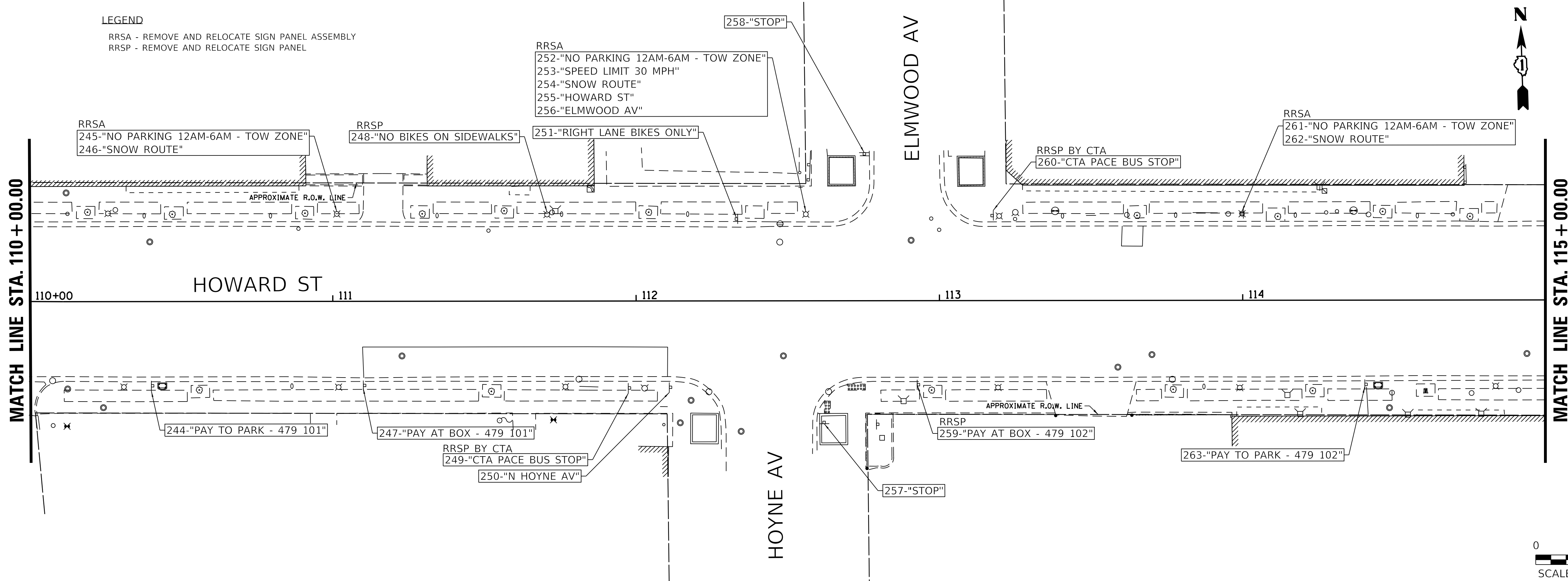
LEGEND

RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL

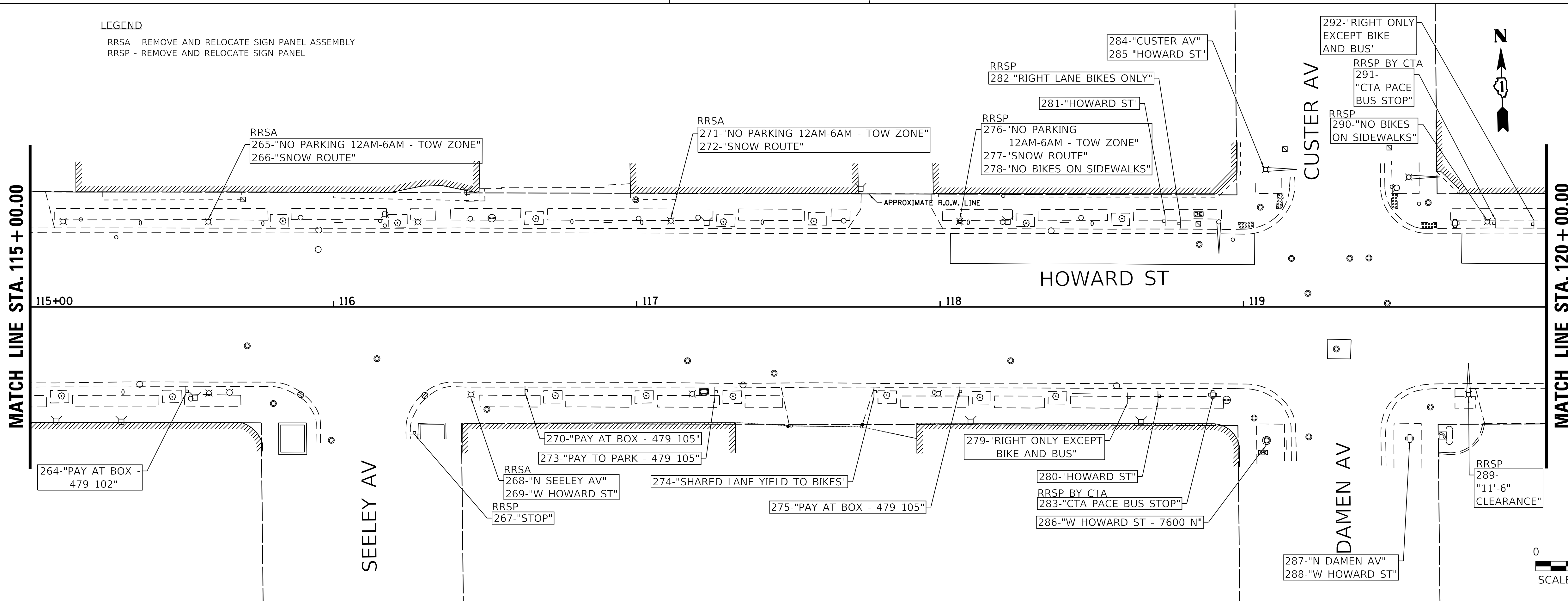


FILE NAME =	USER NAME = esolutz	DESIGNED - KB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT EXISTING SIGNAGE PLANS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\EX_SGN_1901	DRAWN - KB	REVISED -		1334	17-00281-00-RS	COOK	270	128			
Default	PLOT SCALE = 20.00' / 1"	CHECKED - ECS	REVISED -		CONTRACT NO. 61G30							
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		ILLINOIS FED. AID PROJECT							

LEGEND  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL



LEGEND  
 RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL

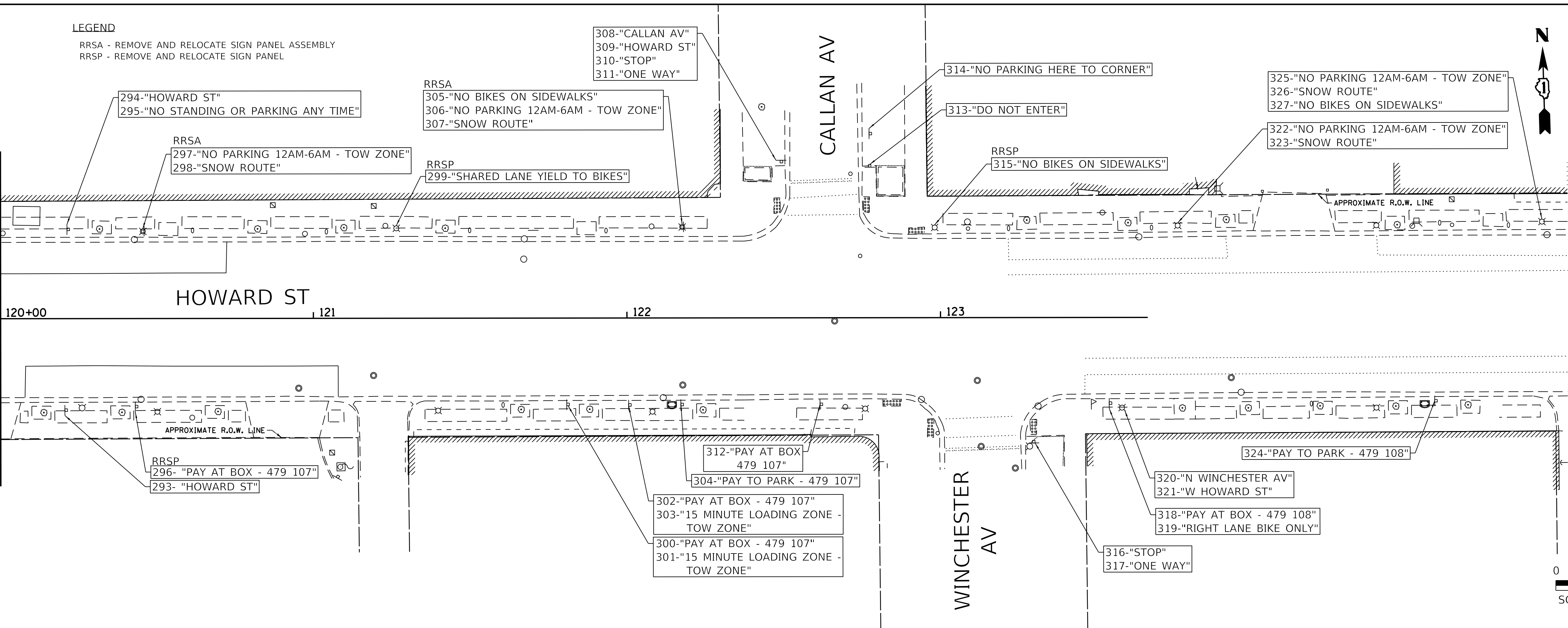


FILE NAME =	USER NAME = esolutz	DESIGNED - KB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\EX_SGN.1901	DRAWN - KB	REVISED -		<b>EXISTING SIGNAGE PLANS</b>			1334	17-00281-00-RS	COOK	270	129
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		SCALE: 1"=20'			CONTRACT NO. 61G30			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		SHEET OF SHEETS			STA. TO STA.				

**LEGEND**

RRSA - REMOVE AND RELOCATE SIGN PANEL ASSEMBLY  
 RRSP - REMOVE AND RELOCATE SIGN PANEL

MATCH LINE STA. 120 + 00.00



FILE NAME =  
 M:\2019\3 CH\17-03-3890 Howard Street

USER NAME = esolutz  
 Phase II Design\Graphics\CAD Files\EX.SGN.19012

DESIGNED - KB  
 DRAWN - KB  
 CHECKED - ECS  
 DATE - 11/20/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 EXISTING SIGNAGE PLANS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	130
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

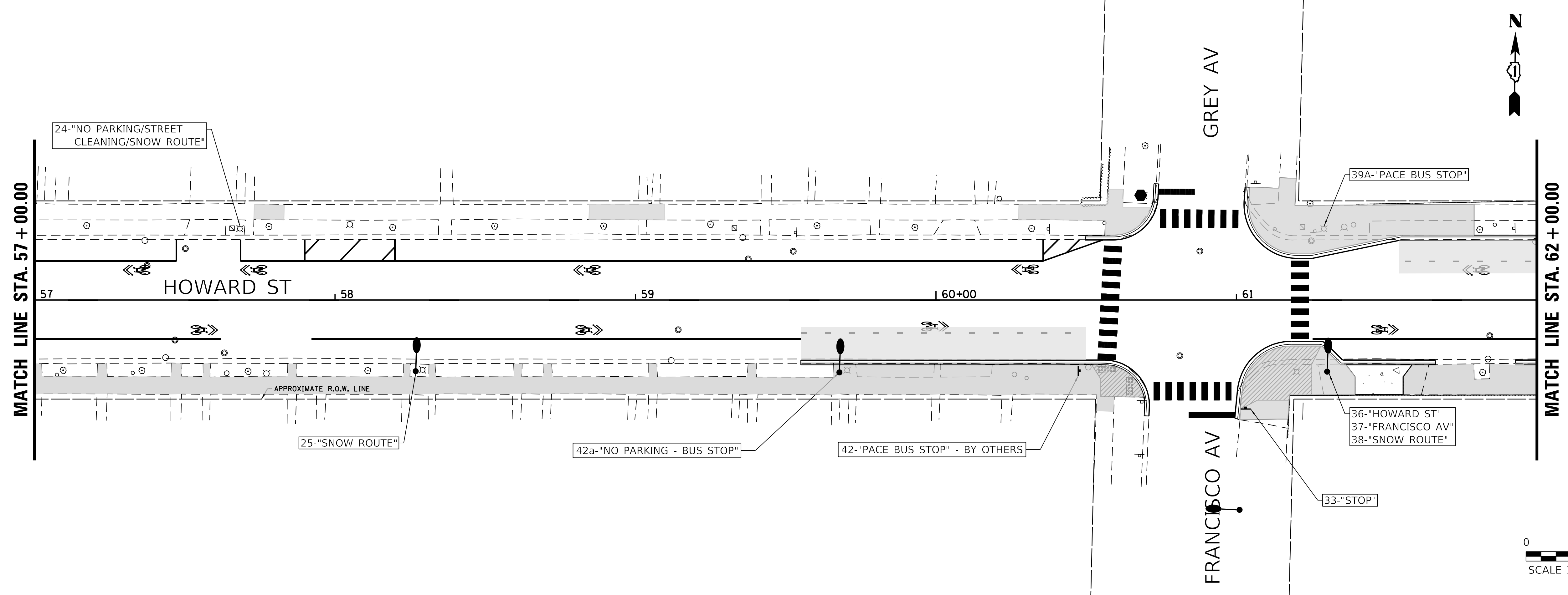
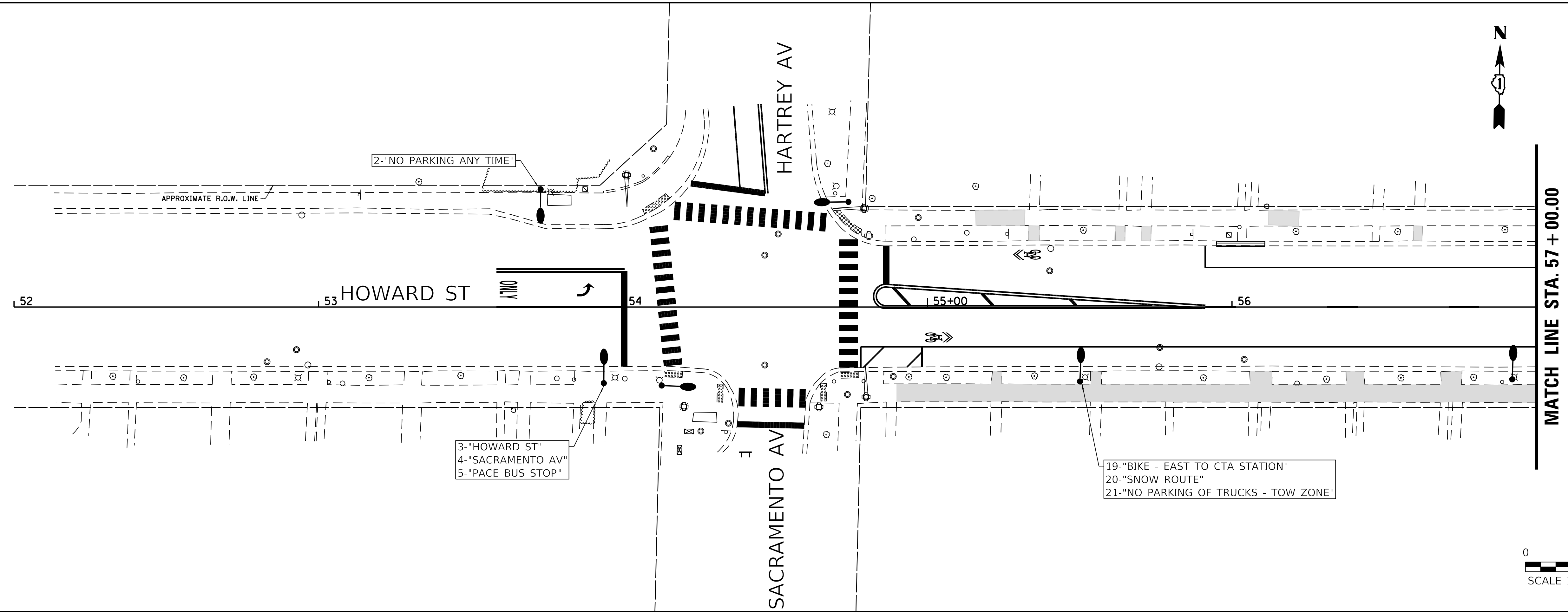
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PLOT SCALE = 20.00' / in.  
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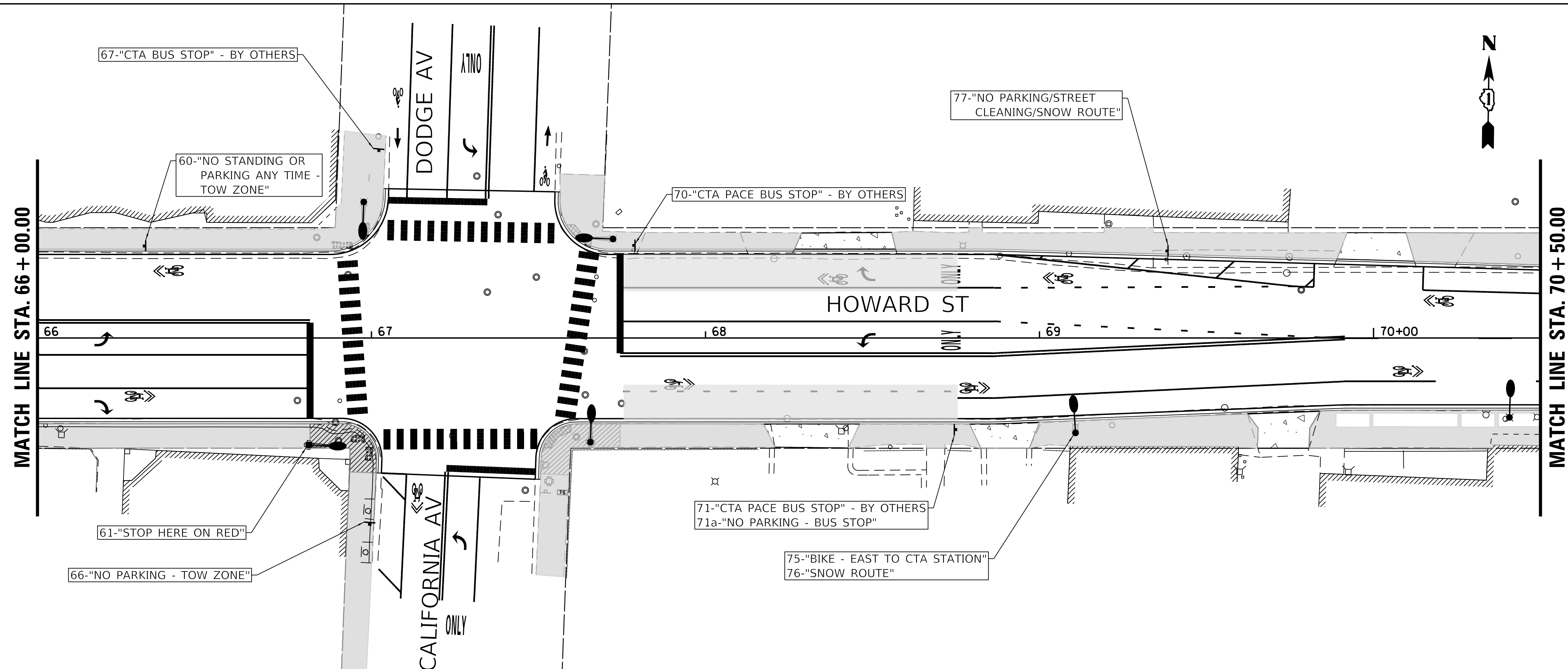
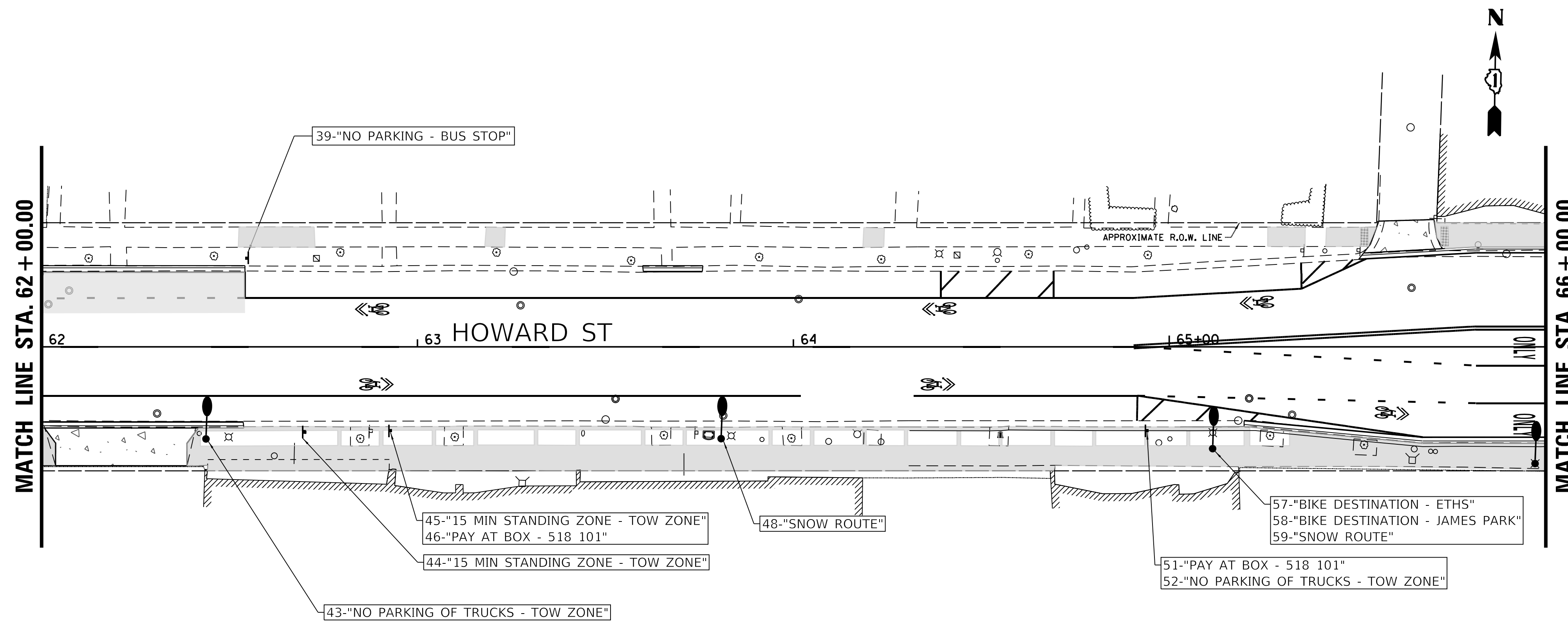
DATE - 11/20/2019

REVISED -

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

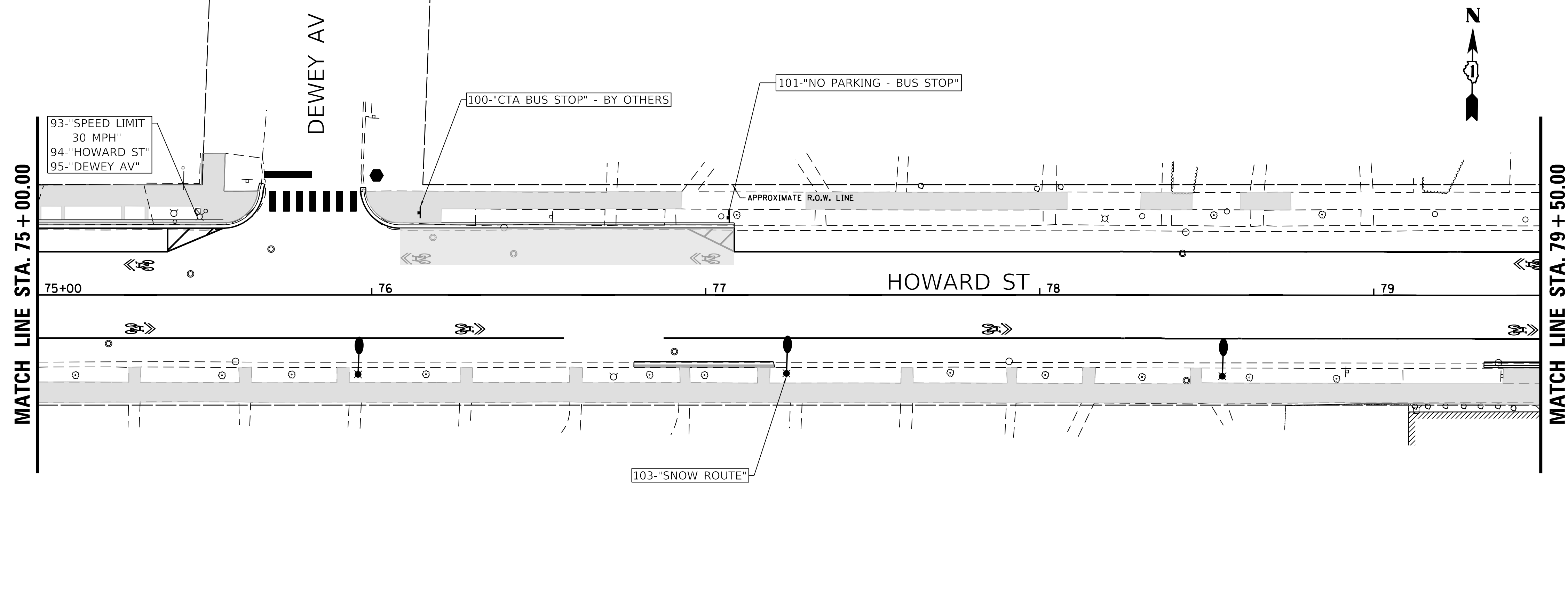
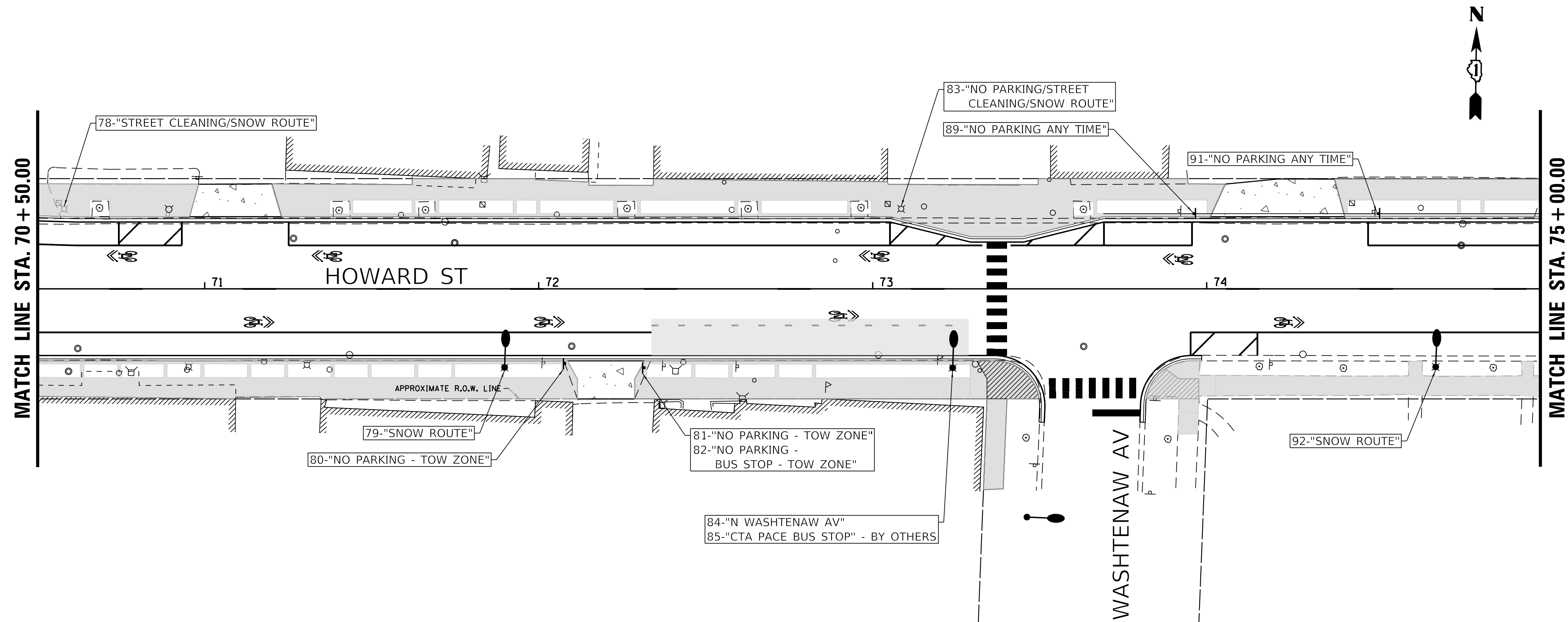


FILE NAME = M:\2019\3 CHI\17-03-3890 Howard Street	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PROPOSED SIGNAGE PLANS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -	ILLINOIS FED. AID PROJECT								



FILE NAME = M:\2019\3 CHI\17-03-3890 Howard Street	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PROPOSED SIGNAGE PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -									ILLINOIS FED. AID PROJECT	





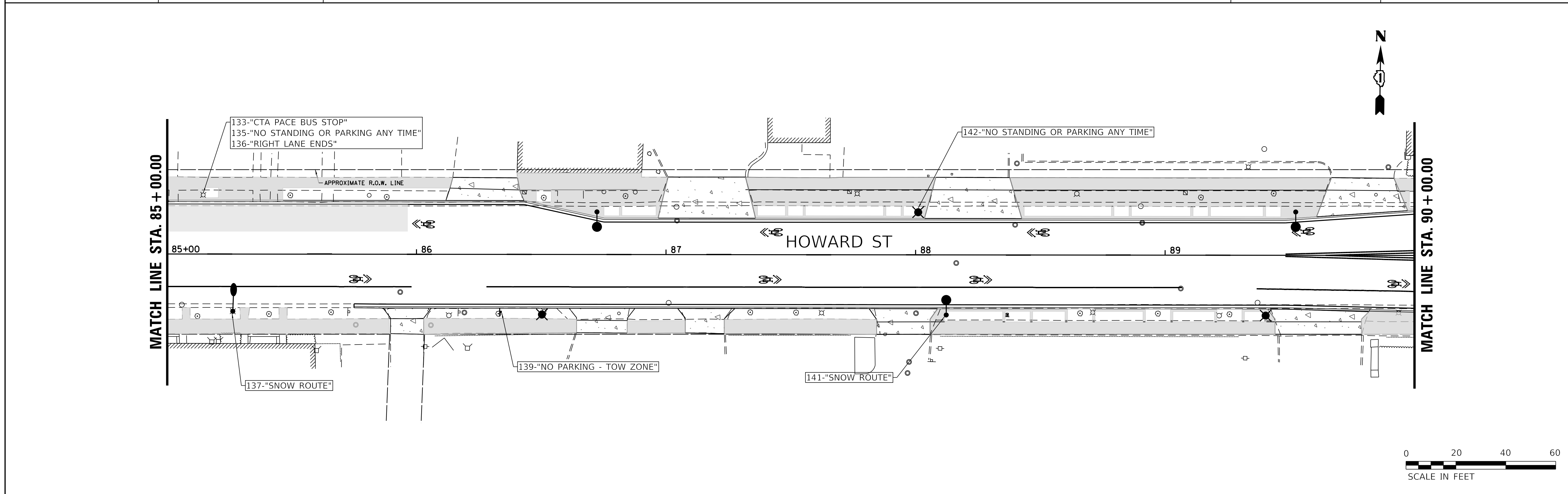
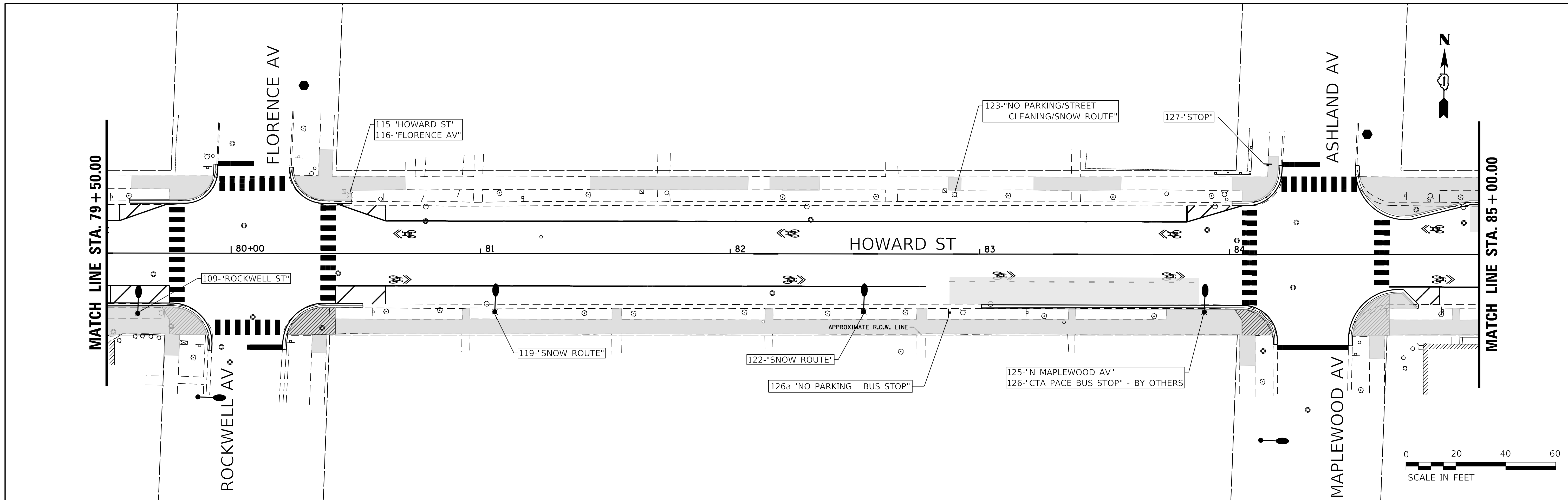
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Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
PROPOSED SIGNAGE PLANS**

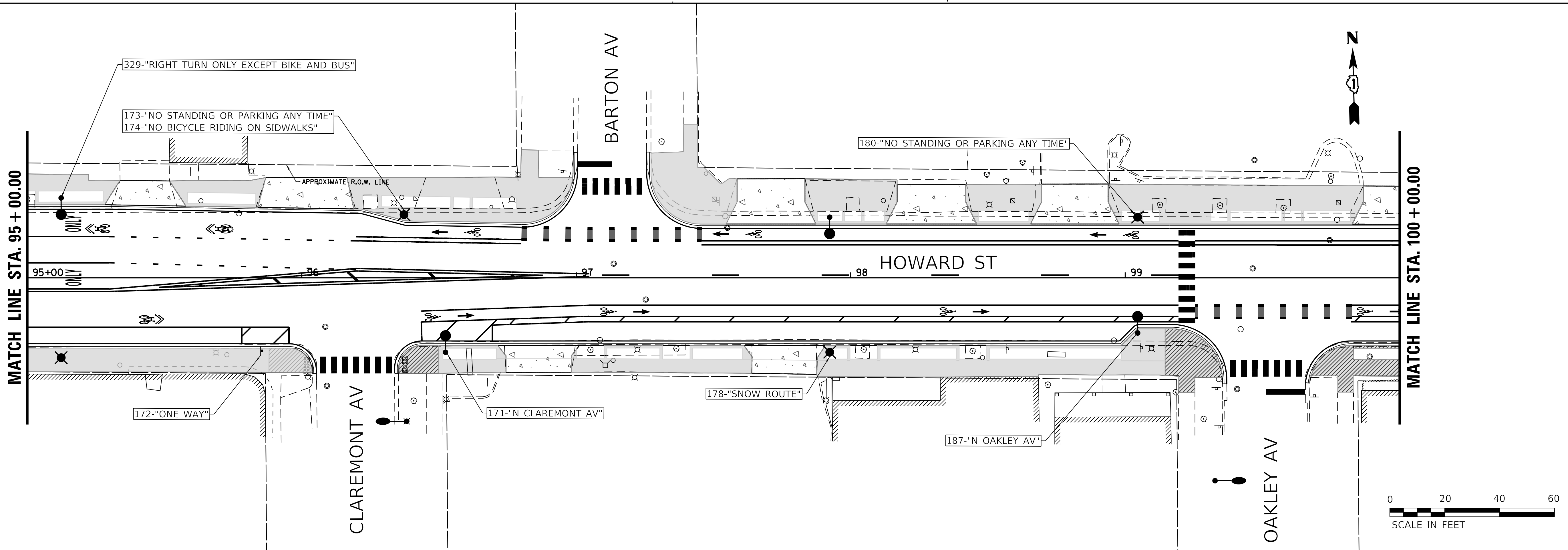
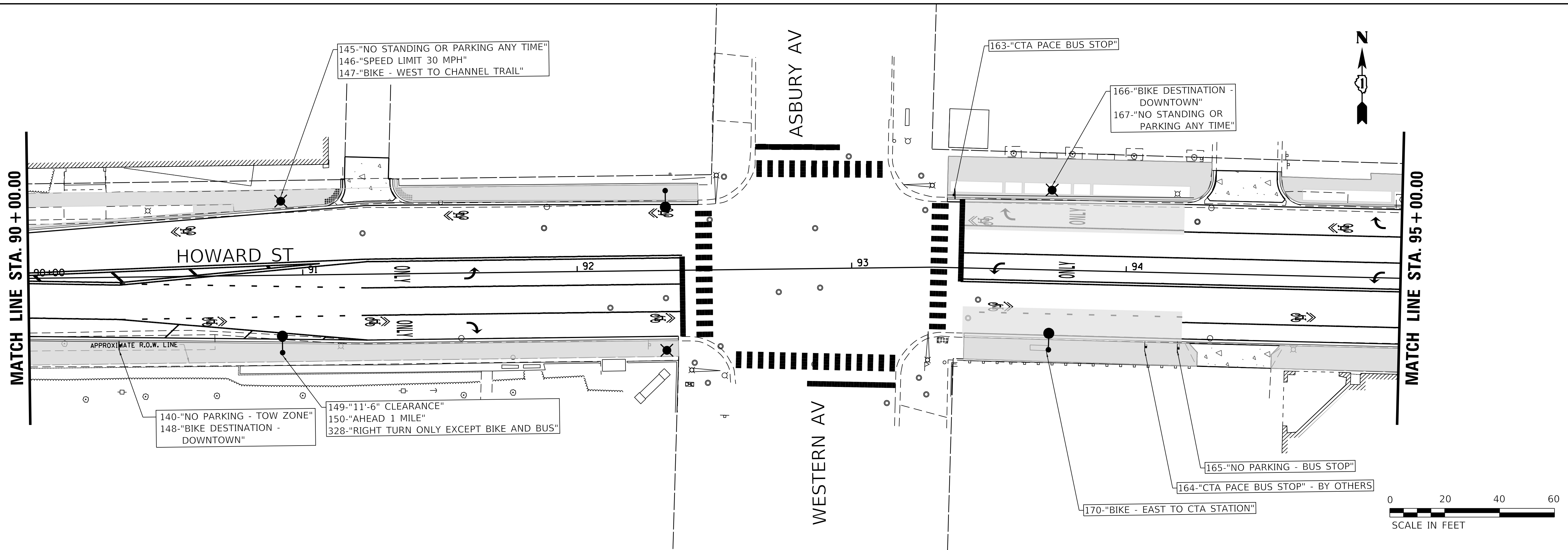
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	133
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



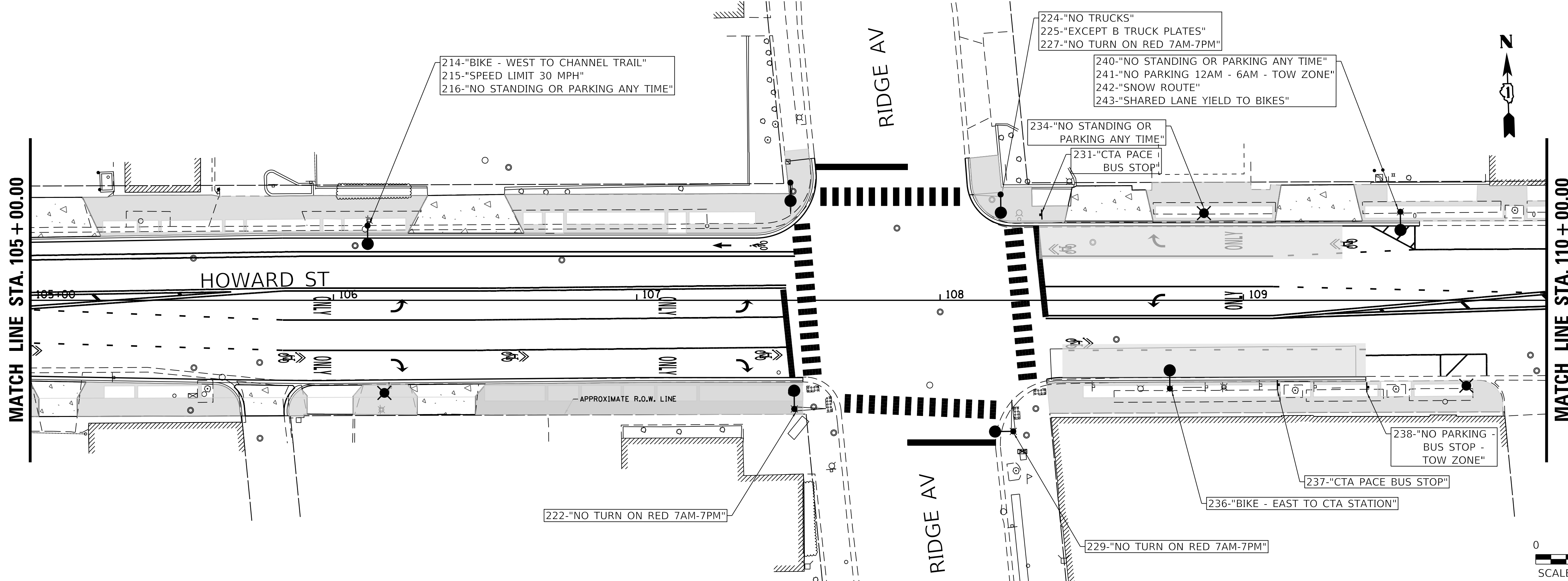
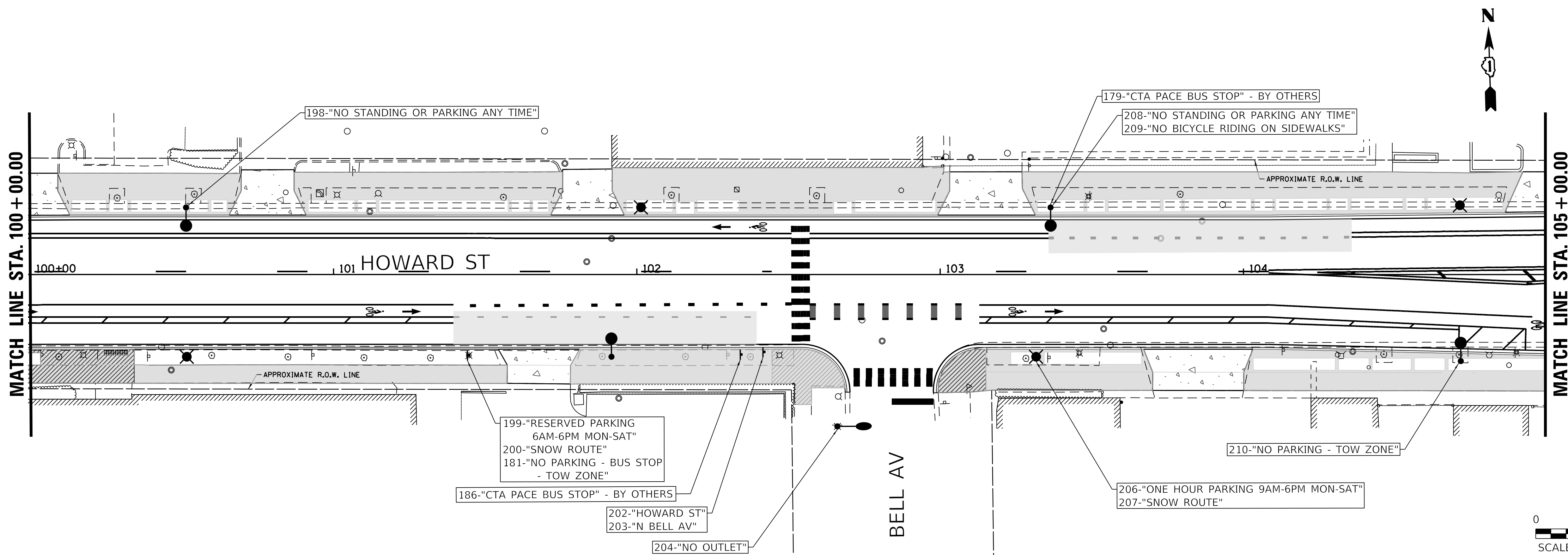
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	Phase II Design\Graphics\CAD Files\PR_SGN_1901	DRAWN - KEM	REVISED -						1334	17-00281-00-RS	COOK	270	134
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -	CONTRACT NO. 61G30									
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -	ILLINOIS FED. AID PROJECT									

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

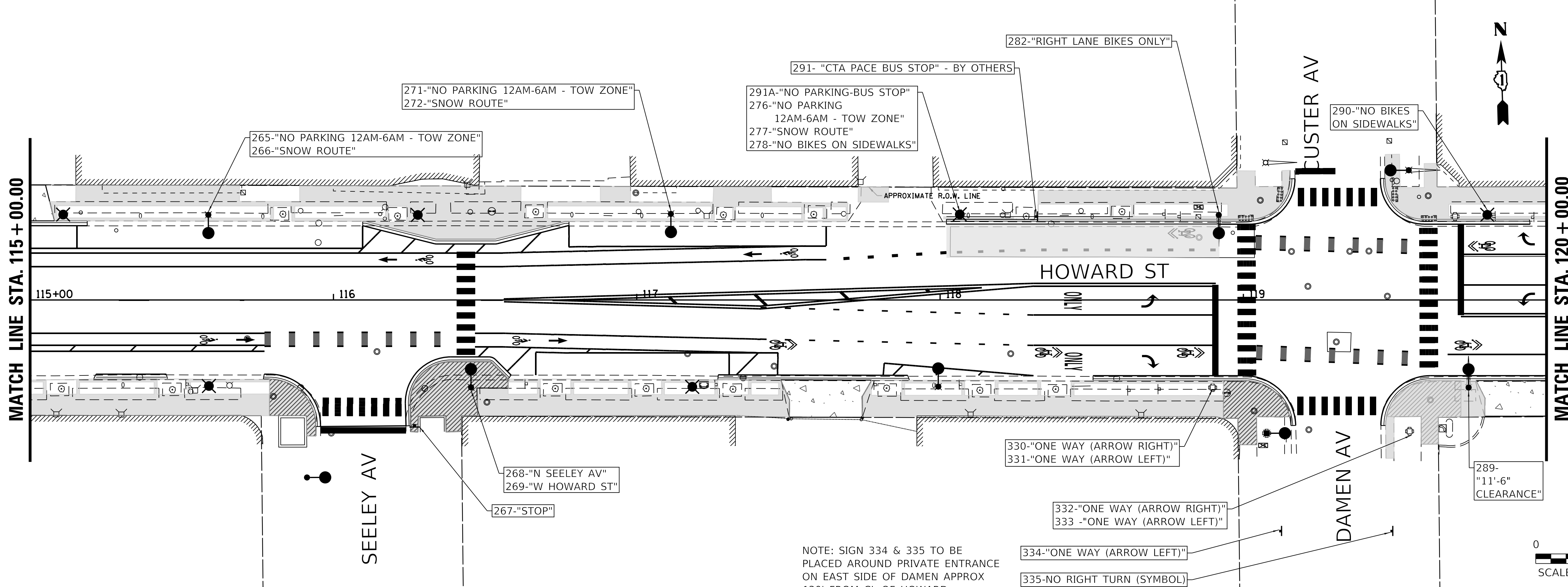
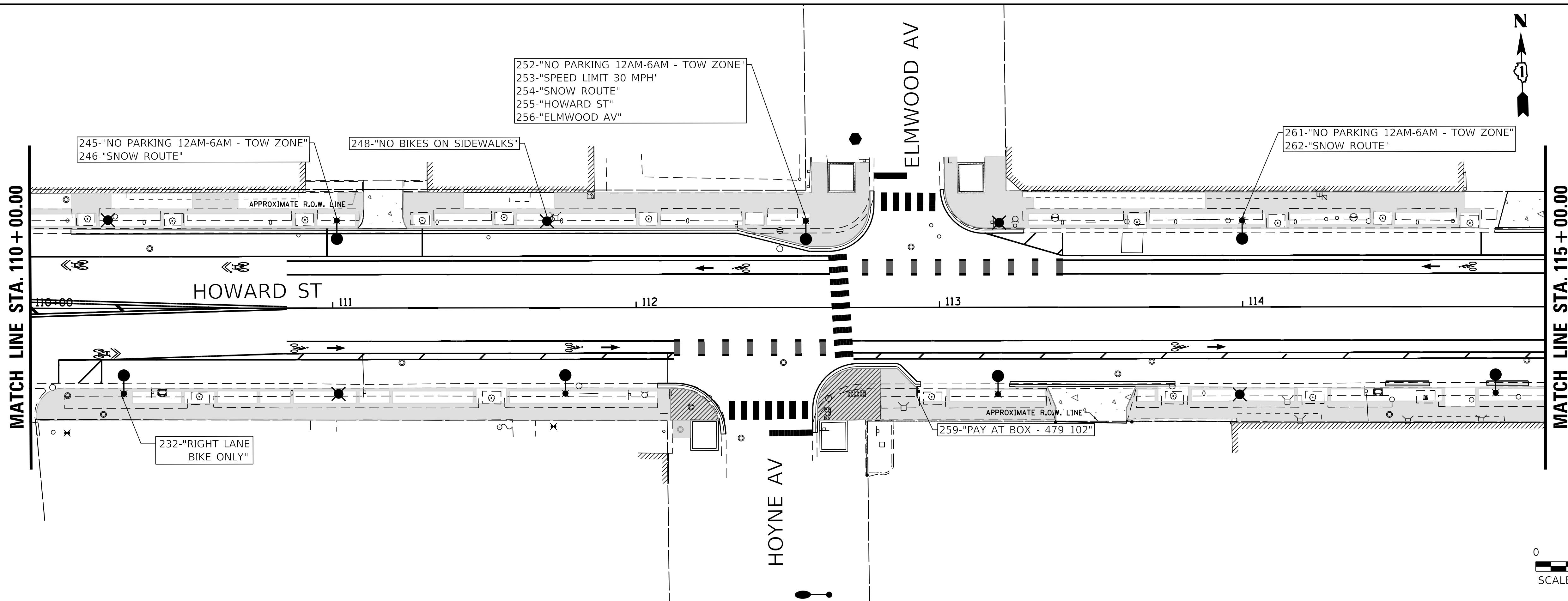


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	Phase II Design\Graphics\CAD Files\PR_SGN_1901	DRAWN - KEM	REVISED -						1334	17-00281-00-RS	COOK	270	135
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -	CONTRACT NO. 61G30									
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -	ILLINOIS FED. AID PROJECT									

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

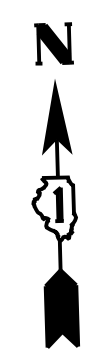
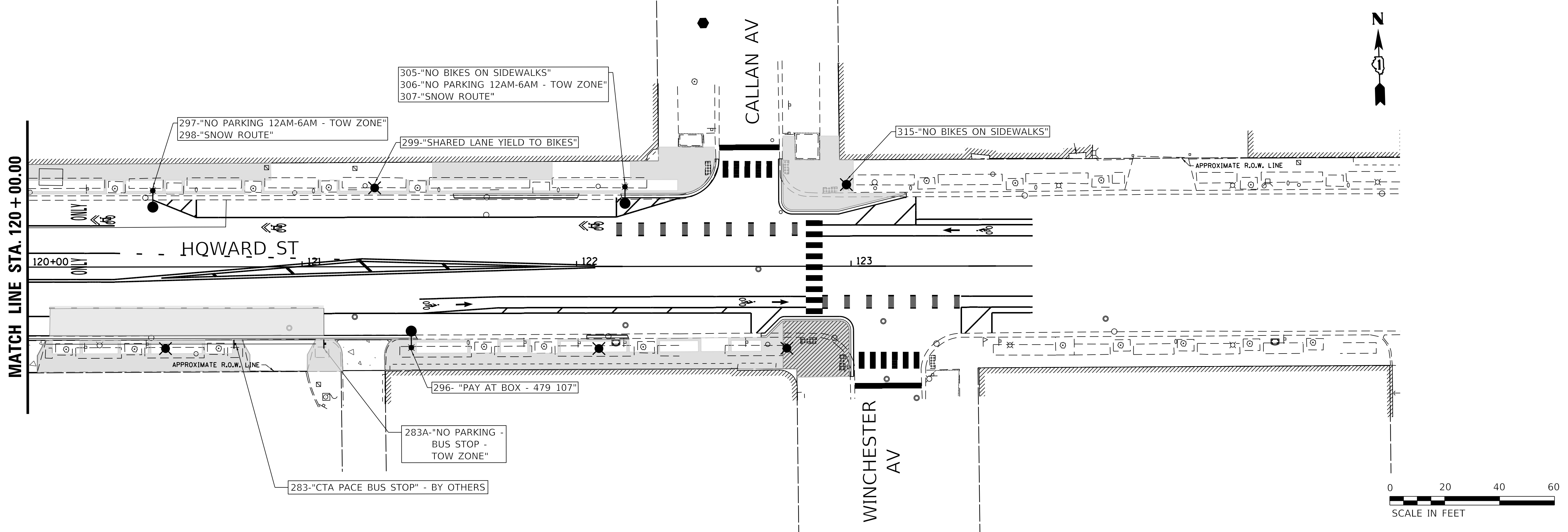


FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PROPOSED SIGNAGE PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PR_SGN.1901	DRAWN - KEM	REVISED -		1334	17-00281-00-RS	COOK	270	136				
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		CONTRACT NO. 61G30				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.		



NOTE: SIGN 334 & 335 TO BE PLACED AROUND PRIVATE ENTRANCE ON EAST SIDE OF DAMEN APPROX 130' FROM CL OF HOWARD

FILE NAME = M:\2019\3 CHI\17-03-3890 Howard Street	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT PROPOSED SIGNAGE PLANS</b>				F.A. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270	SHEET NO. 137
Default	Phase II Design\Graphics\CAD Files\PR_SGN.1901	DRAWN - KEM	REVISED -		SCALE: 1"=20'      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 61G30				
	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -										



FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -
M:\2019\3 CHI\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\PR_SGN.1901	DRAWN - KEM	REVISED -
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
PROPOSED SIGNAGE PLANS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	138
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

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

**SCHEDULE OF QUANTITIES**

SIGN NUMBER	EXISTING SIGN STATION	EXISTING POLE TYPE	CDOT/MUTCD SIGN CODE	SIGN PANEL DIMENSION (INCHES)	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	REMOVE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY - TYPE B EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	PROPOSED SIGN STATION	PROPOSED POLE TYPE	SIGN PANEL TYPE 1 SQ FT	FURNISH AND INSTALL POLE AND BASE EACH	SIGN OR FEATURE DESCRIPTION
1	53+14	SIGN POLE	PACE	12 x 12											PACE BUS STOP - 215
2	53+76	LIGHT POLE	R7-1-4	18 x 18			2.25			2.25	53+73	LIGHT POLE			NO PARKING ANYTIME
3	53+97	LIGHT POLE	D3-1	6 x 60	1			1			53+94	LIGHT POLE			STREET NAME, W HOWARD ST
4	53+97	LIGHT POLE	D3-1	6 x 60							53+94	LIGHT POLE			STREET NAME, N SACRAMENTO AV
5	53+97	LIGHT POLE	R10-3	9 x 12							53+94	LIGHT POLE			PACE BUS STOP - 215
6	54+01	TS MAST ARM	R3-2-1	24 x 24											NO LEFT TURN
7	54+07	POST	R10-3	9 x 12											PUSH BUTTON WAIT FOR WALK SIGNAL
8	54+20	TS POLE	R3-2-1	24 x 24											NO LEFT TURN
9	54+20	TS POLE	R10-3	9 x 12											PUSH BUTTON WAIT FOR WALK SIGNAL
10	54+20	TS MAST ARM	R5-1	12 x 18											DO NOT ENTER
11	54+34	SIGN POLE	R5-1	12 x 18											DO NOT ENTER
12	54+34	SIGN POLE	R6-2L	24 x 30											ONE WAY
13	54+34	BARRICADE	R5-1	12 x 18											DO NOT ENTER
14	54+64	TS POLE	R3-1-1	24 x 24											NO RIGHT TURN
15	54+80	TS POLE	R10-3	9 x 12											PUSH BUTTON WAIT FOR WALK SIGNAL
16	54+80	TS MAST ARM	R3-1-1	24 x 24											NO RIGHT TURN
17	54+81	TS POLE	R10-3	9 x 12											PUSH BUTTON WAIT FOR WALK SIGNAL
18	55+26	SIGN POLE	R7-1-4	18 x 18											NO PARKING ANYTIME
19	55+52	LIGHT POLE	D11-1C	18 x 24	1			1			55+50	LIGHT POLE			BIKE GUIDE SIGN - EAST TO CTA STATION
20	55+52	LIGHT POLE	R7-210-1	18 x 18							55+50	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
21	55+52	LIGHT POLE	R7-1-70	18 x 18							55+50	LIGHT POLE			NO PARKING OF TRUCKS - TOW ZONE
22	55+87	SIGN POLE	R7-1-3	12 x 18											NO PARKING ANYTIME
23	55+87	SIGN POLE	N/A	-											NO PARKING - STREET CLEANING - SNOW ROUTE
24	57+68	LIGHT POLE	N/A	-			3			3	57+68	LIGHT POLE			NO PARKING - STREET CLEANING - SNOW ROUTE
25	58+29	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	58+27	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
26	59+53	SIGN POLE	N/A	-											DOG NUISANCES - CLEAN UP AFTER YOUR DOG
27	60+37	SIGN POLE	R7-1	12 x 18											NO PARKING HERE TO CORNER
28	60+37	SIGN POLE	N/A	-											NO PARKING - STREET CLEANING - SNOW ROUTE
29	60+69	LIGHT POLE	R1-1	30 x 30											STOP SIGN
30	60+69	LIGHT POLE	D3-1	6 x 60											STREET NAME, GREY AV
31	60+69	SIGN POLE	N/A	-											THRU TRAFFIC PROHIBITED
32	60+69	SIGN POLE	R7-201-3	18 x 24											NO PARKING - TOW ZONE (LEFT ARROW)
33	61+03	SIGN POLE	R1-1	30 x 30			6.25			6.25	61+03	SIGN POLE		1	STOP SIGN
34	61+06	SIGN POLE	R12-1	24 x 30											GROSS WEIGHT LIMIT 4 TONS
35	61+06	SIGN POLE	N/A	-											STREET ENDS 2 BLOCKS
36	61+20	LIGHT POLE	D3-1	6 x 60	1			1			61+30	LIGHT POLE			STREET NAME, W HOWARD ST
37	61+20	LIGHT POLE	D3-1	6 x 60							61+30	LIGHT POLE			STREET NAME, N FRANCISCO AV
38	61+20	LIGHT POLE	R7-210-1	18 x 18							61+30	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
39	61+29	LIGHT POLE	R7-107	12 x 18			1.5				62+55	LIGHT POLE			NO PARKING - BUS STOP
39A			PACE	12 x 12							61+29	LIGHT POLE	INSTALL BY CTA	INSTALL BY CTA	PACE BUS STOP - 215
40	61+93	SIGN POLE	R7-107	12 x 18											NO PARKING - BUS STOP
41	61+93	SIGN POLE	N/A	-											NO PARKING - STREET CLEANING - SNOW ROUTE
42	62+50	LIGHT POLE	PACE	12 x 12			REM BY PACE			REINSTALL BY PACE	60+47	SIGN POLE	INSTALL BY PACE	INSTALL BY PACE	PACE BUS STOP - 215
42a			R7-107	12 x 18							59+67	LIGHT POLE	1.5		NO PARKING - BUS STOP
43	62+50	LIGHT POLE	R7-1-70	18 x 18			2.25			2.25	62+44	LIGHT POLE			NO PARKING OF TRUCKS - TOW ZONE
44	62+70	SIGN POLE	R7-601	18 x 18			2.25			2.25	62+70	SIGN POLE		1	15 MINUTE STANDING ZONE - 8 AM - 8 PM MON-SAT
45	62+87	SIGN POLE	R7-601	18 x 18	1			1			62+92	SIGN POLE		1	15 MINUTE STANDING ZONE - 8 AM - 8 PM MON-SAT
46	62+87	SIGN POLE	R7-20	18 x 24							62+92	SIGN POLE			PAY TO PARK - PARK CHICAGO - 518 101
47	63+74	SIGN POLE	R7-20	18 x 24							62+92	SIGN POLE			PAY TO PARK - PARK CHICAGO - 518 101
48	63+83	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	63+81	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
49	64+39	LIGHT POLE	D11-1C	18 x 24											BIKE GUIDE SIGN - WEST TO CHANNEL TRAIL
50	64+39	LIGHT POLE	R2-1	24 x 30											SPEED LIMIT 30
51	65+12	LIGHT POLE	R7-22	12 x 18	1			1			64+94	SIGN POLE			PAY AT BOX - PARK CHICAGO - 518 101
52	65+12	LIGHT POLE	R7-1-70	18 x 18							64+94	SIGN POLE			NO PARKING OF TRUCKS - TOW ZONE
53	65+35	SIGN POLE	R8	24 x 30											NO PARKING HERE TO ALLEY
54	65+35	SIGN POLE	N/A	-											NO PARKING - STREET CLEANING - SNOW ROUTE
55	65+50	SIGN POLE	R6-2L	24 x 30											ONE WAY (ARROW)
56	65+71	SIGN POLE	R5-1	12 x 18											DO NOT ENTER
57	65+97	LIGHT POLE	D1-1C	54 x 6	1			1			65+12	LIGHT POLE			BIKE DESTINATION - ETHS
58	65+97	LIGHT POLE	D1-1C	54 x 6							65+12	LIGHT POLE			BIKE DESTINATION - JAMES PARK
59	65+97	LIGHT POLE	R7-210-1	18 x 18							65+12	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
60	66+32	SIGN POLE	R7-4	18 x 24			3			3	66+32	SIGN POLE		1	NO STANDING OR PARKING ANY TIME - TOW ZONE
61	66+81	TS POLE	R10-6A	24 x 30			5			5	66+81	TS POLE			STOP HERE ON RED
62	66+81	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, W HOWARD ST 7600 N
63	66+97	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, N CALIFORNIA AV, N DODGE AV, 2800 W
64	66+97	TS POLE	D3-1	6 x 60	1			1							STREET NAME, HOWARD ST
65	66+97	TS POLE	D3-1	6 x 60											STREET NAME, DODGE AV
66	67+00	SIGN POLE	R7-201-4	18 x 18			2.25			2.25	67+00	SIGN POLE		1	NO PARKING - TOW ZONE
67	67+02	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	67+02	SIGN POLE		INSTALL BY CTA	CTA BUS STOP - 93
68	67+66	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, N CALIFORNIA AV, N DODGE AV, 2800 W
69	67+72	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, W HOWARD ST 7600 N
70	67+79	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	67+79	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 215

**SCHEDULE OF QUANTITIES**

SIGN NUMBER	EXISTING SIGN STATION	EXISTING POLE TYPE	CDOT/MUTCD SIGN CODE	SIGN PANEL DIMENSION (INCHES)	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	REMOVE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY - TYPE B EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	PROPOSED SIGN STATION	PROPOSED POLE TYPE	SIGN PANEL TYPE 1 SQ FT	FURNISH AND INSTALL POLE AND BASE EACH	SIGN OR FEATURE DESCRIPTION	
71	68+75	SIGN POLE	CTA	12 x 18			REM BY CTA				REINSTALL BY CTA	68+75	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 215
71a			R7-107	12 x 18							68+75	SIGN POLE	1.5			NO PARKING - BUS STOP
72	68+77	LIGHT POLE	R7-4	18 x 24												NO STANDING OR PARKING ANY TIME - TOW ZONE
73	68+77	LIGHT POLE	D1-1C	54 x 6												BIKE DESTINATION - ETHS
74	68+77	LIGHT POLE	D1-1C	54 x 6												BIKE DESTINATION - JAMES PARK
75	69+10	LIGHT POLE	D11-1C	18 x 24	1			1			69+11	LIGHT POLE				BIKE GUIDE SIGN - EAST TO CTA STATION
76	69+10	LIGHT POLE	R7-210-1	18 x 18							69+11	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
77	69+38	SIGN POLE	N/A	-			3			3	69+38	SIGN POLE		1		NO PARKING - STREET CLEANING - SNOW ROUTE
78	70+58	LIGHT POLE	N/A	-			3			3	70+58	LIGHT POLE				NO PARKING - STREET CLEANING - SNOW ROUTE
79	71+90	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	71+90	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
80	72+00	SIGN POLE	R7-201-4	18 x 18			2.25			2.25	72+08	SIGN POLE		1		NO PARKING - TOW ZONE
81	72+37	SIGN POLE	R7-201-4	18 x 18			2.25			2.25	72+32	SIGN POLE		1		NO PARKING - TOW ZONE
82	72+59	SIGN POLE	R7-207-3	18 x 18			2.25			2.25	72+32	SIGN POLE		1		NO PARKING - BUS STOP - TOW ZONE
83	73+08	LIGHT POLE	N/A	-			3			3	73+08	LIGHT POLE				NO PARKING - STREET CLEANING - SNOW ROUTE
84	73+24	LIGHT POLE	D3-1	6 x 60			2.5			2.5	73+24	LIGHT POLE				STREET NAME, N WASHTENAW AV
85	73+24	LIGHT POLE	CTA	12 x 18			REM BY CTA				REINSTALL BY CTA	73+24	LIGHT POLE			CTA PACE BUS STOP - 97, 215
86	73+49	SIGN POLE	R7-201-4	18 x 18												NO PARKING - TOW ZONE
87	73+83	SIGN POLE	R7-201-4	18 x 18												NO PARKING - TOW ZONE
88	73+85	SIGN POLE	R1-1	30 x 30												STOP SIGN
89	73+92	SIGN POLE	R7-1	12 x 18			1.5			1.5	73+92	SIGN POLE		1		NO PARKING ANYTIME (ARROW)
90	74+19	SIGN POLE	R7-201-4	18 x 18												NO PARKING - TOW ZONE
91	74+50	SIGN POLE	R7-1	12 x 18			1.5			1.5	74+50	SIGN POLE		1		NO PARKING ANYTIME (ARROW)
92	74+69	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	74+69	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
93	75+49	LIGHT POLE	R2-1	24 x 30		1			1		75+49	LIGHT POLE				SPEED LIMIT 30
94	75+49	LIGHT POLE	D3-1	6 x 60							75+49	LIGHT POLE				STREET NAME, HOWARD ST
95	75+49	LIGHT POLE	D3-1	6 x 60							75+49	LIGHT POLE				STREET NAME, DEWEY AV
96	75+63	SIGN POLE	R1-1	30 x 30												STOP SIGN
97	76+03	SIGN POLE	N/A	-												PASSENGER VEHICLE PARKING ONLY
98	76+03	SIGN POLE	N/A	-												NO PARKING - STREET CLEANING - SNOW ROUTE
99	76+03	LIGHT POLE	R12-1	24 x 30												GROSS WEIGHT LIMIT 4 TONS
100	76+15	SIGN POLE	CTA	12 x 18			REM BY CTA				REINSTALL BY CTA	76+15	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 215
101	76+54	SIGN POLE	R7-207-3	18 x 18							77+07	SIGN POLE	2.25	1		NO PARKING - BUS STOP
102	76+54	SIGN POLE	N/A	-												NO PARKING - STREET CLEANING - SNOW ROUTE
103	77+24	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	77+24	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
104	78+19	LIGHT POLE	N/A	-												NO PARKING - STREET CLEANING - SNOW ROUTE
105	78+92	SIGN POLE	R7-207-4	18 x 18			2.25									NO PARKING - BUS STOP - TOW ZONE
106	79+38	SIGN POLE	CTA	12 x 18			REM BY CTA									CTA PACE BUS STOP - 97, 215
107	79+52	SIGN POLE	R7-1	12 x 18												NO PARKING HERE TO CORNER
108	79+52	SIGN POLE	N/A	-												NO PARKING - STREET CLEANING - SNOW ROUTE
109	79+62	LIGHT POLE	D3-1	6 x 60			2.5			2.5	79+62	LIGHT POLE				STREET NAME, ROCKWELL ST
110	79+87	SIGN POLE	R5-2-2	24 x 24												NO TRUCKS OVER 5 TONS GROSS WEIGHT
111	79+90	SIGN POLE	R1-1	30 x 30												STOP SIGN
112	80+24	SIGN POLE	R1-1	30 x 30												STOP SIGN
113	80+26	SIGN POLE	R12-1	24 x 30												GROSS WEIGHT LIMIT 4 TONS
114	80+26	SIGN POLE	N/A	-												STREET ENDS 2 BLOCKS
115	80+48	LIGHT POLE	D3-1	6 x 60			2.5			2.5	80+48	LIGHT POLE				STREET NAME, HOWARD ST
116	80+48	LIGHT POLE	D3-1	6 x 60			2.5			2.5	80+48	LIGHT POLE				STREET NAME, FLORENCE AV
117	80+48	LIGHT POLE	CTA	12 x 18			REM BY CTA									CTA PACE BUS STOP - 97, 215
118	80+57	SIGN POLE	R7-201-4	18 x 18												NO PARKING - TOW ZONE (RIGHT ARROW)
119	81+05	LIGHT POLE	R7-201-1	18 x 24			3			3	81+05	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
120	81+17	SIGN POLE	R7-207-3	18 x 18			2.25									NO PARKING - BUS STOP (LEFT ARROW)
121	81+17	SIGN POLE	N/A	-												NO PARKING - STREET CLEANING - SNOW ROUTE
122	82+53	LIGHT POLE	R7-201-1	18 x 24			3			3	82+53	LIGHT POLE				NO PARKING WHEN SNOW IS OVER 2 INCHES - TOW ZONE
123	82+90	LIGHT POLE	N/A	-			3			3	82+90	LIGHT POLE				NO PARKING - STREET CLEANING - SNOW ROUTE
124	83+18	SIGN POLE	R7-207-4	18 x 18												NO PARKING - BUS STOP
125	83+90	LIGHT POLE	D3-1	6 x 60			2.5			2.5	83+90	LIGHT POLE				STREET NAME, HOWARD ST
126	83+90	LIGHT POLE	CTA	12 x 18			REM BY CTA				REINSTALL BY CTA	83+90	LIGHT POLE			CTA PACE BUS STOP - 97, 215
126a			R7-107	12 x 18												NO PARKING - BUS STOP
127	84+15	SIGN POLE	R1-1	30 x 30			6.25			6.25	84+15	SIGN POLE		1		STOP SIGN
128	84+50	SIGN POLE	R1-1	30 x 30												STOP SIGN
129	84+55	LIGHT POLE	D3-1	6 x 60												STREET NAME, HOWARD ST
130	84+55	LIGHT POLE	D3-1	6 x 60												STREET NAME, ASHLAND AV
131	84+55	LIGHT POLE	W3-5	36 x 36												SPEED CONTROL HUMPS
132	84+55	LIGHT POLE	W13-1	18 x 18												15 MPH
133	84+71	SIGN POLE	CTA	12 x 18			REM BY CTA				REINSTALL BY CTA	85+14	LIGHT POLE			CTA PACE BUS STOP - 97, 215
134	84+85	SIGN POLE	R7-201-1	18 x 24												NO PARKING - TOW ZONE (RIGHT ARROW)
135	85+14	LIGHT POLE	R7-4	18 x 24		1			1		85+14	LIGHT POLE				NO STANDING OR PARKING ANY TIME - TOW ZONE
136	85+14	LIGHT POLE	W4-2	36 x 36							85+14	LIGHT POLE				RIGHT LANE ENDS
137	85+26	LIGHT POLE	R7-201-1	18 x 24			3			3	85+26	LIGHT POLE				NO PARKING SNOW OVER 2" - TOW ZONE
138	85+73	SIGN POLE	R7-201-3	18 x 24												NO PARKING - TOW ZONE (LEFT ARROW)
139	86+16	SIGN POLE	R7-201-1	18 x 24			3			3	86+34	SIGN POLE		1		NO PARKING - TOW ZONE (RIGHT ARROW)
140	87+62	LIGHT POLE	R7-201-3	18 x 24			3		1		90+33	SIGN POLE		1		NO PARKING - TOW ZONE (LEFT ARROW)



**SCHEDULE OF QUANTITIES**

SIGN NUMBER	EXISTING SIGN STATION	EXISTING POLE TYPE	CDOT/MUTCD SIGN CODE	SIGN PANEL DIMENSION (INCHES)	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	REMOVE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY - TYPE B EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	PROPOSED SIGN STATION	PROPOSED POLE TYPE	SIGN PANEL TYPE 1 SQ FT	FURNISH AND INSTALL POLE AND BASE EACH	SIGN OR FEATURE DESCRIPTION
141	87+62	LIGHT POLE	R7-210-1	18 x 18			2.25			2.25	88+12	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
142	87+74	LIGHT POLE	R7-4	18 x 24			3			3	88+01	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
143	88+71	LIGHT POLE	R7-201-4	18 x 18			2.25								NO PARKING - TOW ZONE
144	89+94	LIGHT POLE	R7-201-4	18 x 18			2.25								NO PARKING - TOW ZONE
145	90+44	LIGHT POLE	R7-4	18 x 24		1			1		90+92	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
146	90+44	LIGHT POLE	R2-1	24 x 30							90+92	LIGHT POLE			SPEED LIMIT 30
147	90+44	LIGHT POLE	D11-1C	18 x 24							90+92	LIGHT POLE			BIKE GUIDE SIGN - WEST TO CHANNEL TRAIL
148	91+13	LIGHT POLE	D1-1C	54 x 6		1					90+33	LIGHT POLE			BIKE DESTINATION - DOWNTOWN
149	91+13	LIGHT POLE	W12-2	36 x 36					1		90+92	LIGHT POLE			11'-6" CLEARANCE
150	91+13	LIGHT POLE	W16-4P	30 x 24							90+92	LIGHT POLE			AHEAD 1 MILE
151	92+26	SIGN POLE	CTA	12 x 18				REM BY CTA							CTA PACE BUS STOP - 97, 215
152	92+41	TS MAST ARM	D3-2	30 x 60											STREET NAME, W HOWARD ST 7600 N
153	92+41	TS MAST ARM	R10-11	24 x 30											NO TURN ON RED 7AM - 7PM
154	92+51	TS MAST ARM	D3-2	30 x 60											STREET NAME, W HOWARD ST 7600 N
155	92+51	TS MAST ARM	R10-11	24 x 30											NO TURN ON RED 7AM - 7PM
156	92+51	TS POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
157	92+51	TS POLE	D3-1	6 x 60											STREET NAME, ASBURY AV
158	92+54	SIGN POLE	R7-201-1	18 x 24											NO PARKING - TOW ZONE (RIGHT ARROW)
159	93+27	TS MAST ARM	D3-2	30 x 60											STREET NAME, N WESTERN AV, N ASBURY AV 2400 W
160	93+27	TS MAST ARM	R10-11	24 x 30											NO TURN ON RED 7AM - 7PM
161	93+29	TS MAST ARM	D3-2	30 x 60											STREET NAME, W HOWARD ST 7600 N
162	93+29	TS MAST ARM	R10-11	24 x 30											NO TURN ON RED 7AM - 7PM
163	93+29	TS POLE	CTA	12 x 18							93+38	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 215
164	94+06	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	94+06	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 206, 215
165	94+18	SIGN POLE	R7-207-1	18 x 18			2.25			2.25	94+18	SIGN POLE		1	NO PARKING - BUS STOP - TOW ZONE
166	94+19	LIGHT POLE	D1-1C	54 x 6	1			1			93+73	LIGHT POLE			BIKE DESTINATION - DOWNTOWN
167	94+19	LIGHT POLE	R7-4	18 x 24							93+73	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
168	94+27	SIGN POLE	R1-1	30 x 30											STOP SIGN
169	94+59	SIGN POLE	N/A	-											DRIVE THRU PHARMACY (ARROW)
170	94+61	LIGHT POLE	D11-1C	18 x 24			3			3	93+72	LIGHT POLE			BIKE GUIDE SIGN - EAST TO CTA STATION
171	95+68	LIGHT POLE	D3-1	6 x 60			2.5			2.5	96+52	LIGHT POLE			STREET NAME, N CLAREMONT AV
172	95+85	SIGN POLE	R6-2R	24 x 30			5			5	95+85	SIGN POLE		1	ONE WAY (ARROW)
173	96+34	LIGHT POLE	R7-4	18 x 24	1			1			96+37	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
174	96+34	LIGHT POLE	N/A	-							96+37	LIGHT POLE			NO BICYCLE RIDING ON SIDEWALKS
175	96+95	SIGN POLE	R1-1	30 x 30											STOP SIGN
176	96+95	SIGN POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
177	96+95	SIGN POLE	D3-1	6 x 60											STREET NAME, BARTON AV
178	97+22	LIGHT POLE	R7-201-1	18 x 24			3			3	97+92	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
179	97+52	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	103+36	LIGHT POLE			CTA PACE BUS STOP - 97, 206, 215
180	98+50	LIGHT POLE	R7-4	18 x 24			3			3	99+05	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
181	98+57	SIGN POLE	R7-207-1	18 x 18			2.25			2.25	101+44	SIGN POLE			NO PARKING - BUS STOP - TOW ZONE
182	98+98	SIGN POLE	R5-1	12 x 18											DO NOT ENTER
183	99+05	SIGN POLE	R7-8	9 x 18											RESERVED PARKING - ACCESSIBLE
184	99+05	SIGN POLE	R7-8A	9 x 18											\$350 FINE
185	99+05	SIGN POLE	R7-8P	9 x 18											VAN ACCESSIBLE
186	99+05	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	102+34	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 206, 215
187	99+08	LIGHT POLE	D3-1	6 x 60			2.5			2.5	99+05	LIGHT POLE			STREET NAME, N OAKLEY AV
188	99+33	SIGN POLE	R5-1	12 x 18											DO NOT ENTER
189	99+33	SIGN POLE	R7-201-1	18 x 24											NO PARKING - TOW ZONE (RIGHT ARROW)
190	99+68	SIGN POLE	N/A	-											CLEAN UP AFTER YOUR DOG
191	99+68	SIGN POLE	R1-1	30 x 30											STOP SIGN
192	99+68	SIGN POLE	R6-2L	24 x 30											ONE WAY
193	100+03	SIGN POLE	R7-201-3	18 x 24											NO PARKING - TOW ZONE (LEFT ARROW)
194	100+03	SIGN POLE	R7-8-11	9 x 18											LOADING ZONE - ACCESSIBLE - 6AM-9PM MON-SAT - TOW ZONE
195	100+38	SIGN POLE	R7-8-13	9 x 18											LOADING ZONE - ACCESSIBLE - 6AM-9PM MON-SAT - TOW ZONE
196	100+38	SIGN POLE	R7-8	9 x 18											RESERVED PARKING - ACCESSIBLE - 6AM - 6PM MON-SAT
197	100+93	SIGN POLE	R7-8	9 x 18											RESERVED PARKING - ACCESSIBLE - 6AM - 6PM MON-SAT
198	101+02	LIGHT POLE	R7-4	18 x 24			3			3	100+51	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
199	101+44	LIGHT POLE	R7-8	9 x 18	1			1			101+44	SIGN POLE		1	RESERVED PARKING - ACCESSIBLE - 6AM - 6PM MON-SAT
200	101+44	LIGHT POLE	R7-201-1	18 x 24							101+44	SIGN POLE			NO PARKING SNOW OVER 2" - TOW ZONE
201	102+30	SIGN POLE	R7-201-1	18 x 24			3								NO PARKING - TOW ZONE (RIGHT ARROW)
202	102+47	LIGHT POLE	D3-1	6 x 60	1			1			102+42	SIGN POLE		1	STREET NAME, W HOWARD ST
203	102+47	LIGHT POLE	D3-1	6 x 60							102+42	SIGN POLE			STREET NAME, N BELL AV
204	102+66	LIGHT POLE	W14-1	30 x 30			6.25			6.25	102+66	LIGHT POLE			NO OUTLET
205	103+00	SIGN POLE	R1-1	30 x 30											STOP SIGN
206	103+35	SIGN POLE	R7-5	12 x 18			1.5			1.5	103+32	LIGHT POLE			ONE HOUR PARKING 9AM-6PM (RIGHT ARROW)
207	103+45	LIGHT POLE	R7-201-1	18 x 24			3			3	103+32	LIGHT POLE			NO PARKING SNOW OVER 2" - TOW ZONE
208	103+49	LIGHT POLE	R7-4	18 x 24	1			1			103+36	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
209	103+49	LIGHT POLE	N/A	-							103+36	LIGHT POLE			NO BICYCLE RIDING ON SIDEWALKS
210	104+90	LIGHT POLE	R7-201-3	18 x 24			3			3	104+72	LIGHT POLE			NO PARKING - TOW ZONE (LEFT ARROW)
211	105+27	SIGN POLE	R7-201-1	18 x 24			3			3	105+27	SIGN POLE		1	NO PARKING - TOW ZONE (RIGHT ARROW)
212	105+62	SIGN POLE	R5-1	12 x 18											DO NOT ENTER

FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT SIGNAGE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\SGN.SCH.190	DRAWN - KEM	REVISED -			1334	17-00281-00-RS	COOK	270	141	
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -			CONTRACT NO. 61G30					
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

**SCHEDULE OF QUANTITIES**

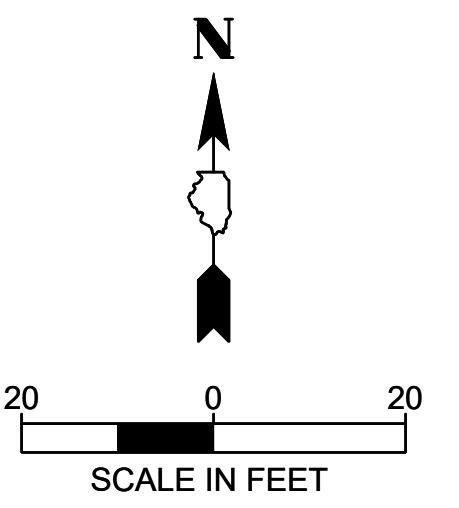
SIGN NUMBER	EXISTING SIGN STATION	EXISTING POLE TYPE	CDOT/MUTCD SIGN CODE	SIGN PANEL DIMENSION (INCHES)	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	REMOVE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY - TYPE B EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	PROPOSED SIGN STATION	PROPOSED POLE TYPE	SIGN PANEL TYPE 1 SQ FT	FURNISH AND INSTALL POLE AND BASE EACH	SIGN OR FEATURE DESCRIPTION
213	105+80	SIGN POLE	R3-5R	30 x 36											RIGHT TURN ONLY
214	106+12	LIGHT POLE	D11-1C	18 x 24		1			1		106+11	LIGHT POLE			BIKE GUIDE SIGN - WEST TO CHANNEL TRAIL
215	106+12	LIGHT POLE	R2-1	24 x 30							106+11	LIGHT POLE			SPEED LIMIT 30
216	106+12	LIGHT POLE	R7-4	18 x 24							106+11	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
217	107+51	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, N RIDGE AV 2100 W
218	107+51	TS MAST ARM	R10-11	24 x 30			5			5	107+51	TS MAST ARM			NO TURN ON RED 7AM - 7PM
219	107+51	TS POLE	D3-1	6 x 60			2.5			2.5	107+51	TS POLE			STREET NAME, RIDGE AV
220	107+51	TS POLE	D3-1	6 x 60			2.5			2.5	107+51	TS POLE			STREET NAME, HOWARD ST
221	107+52	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, W HOWARD ST 7600 N
222	107+52	TS MAST ARM	R10-11	24 x 30			5			5	107+52	TS MAST ARM			NO TURN ON RED 7AM - 7PM
223	107+60	SIGN POLE	R5-2	24 x 24											NO TRUCKS
224	108+20	TS POLE	R5-2	24 x 24			4			4	108+20	TS POLE			NO TRUCKS
225	108+20	TS POLE	N/A	-			3			3	108+20	TS POLE			EXCEPT "B" TRUCK PLATES
226	108+20	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, W HOWARD ST 7600 N
227	108+20	TS MAST ARM	R10-11	24 x 30			5			5	108+20	TS MAST ARM			NO TURN ON RED 7AM - 7PM
228	108+24	TS MAST ARM	D3-2	30 x 60			12.5								STREET NAME, N RIDGE AV 2100 W
229	108+24	TS MAST ARM	R10-11	24 x 30			5			5	108+24	TS MAST ARM			NO TURN ON RED 7AM - 7PM
230	108+24	SIGN POLE	R7-201-3	18 x 24											NO PARKING - TOW ZONE (LEFT ARROW)
231	108+43	BUS SHELTER	CTA	12 x 18							108+33	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 201, 206, 215
232	108+50	SIGN POLE	R3-17	24 x 30			5			5	110+31	LIGHT POLE			RIGHT LANE - BIKE ONLY
233	108+76	SIGN POLE	N/A	-											ORNAMENTAL HOWARD STREET
234	108+87	LIGHT POLE	R7-4	18 x 24			3			3	108+87	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
235	108+87	SIGN POLE	R7-201-3	18 x 24											NO PARKING - TOW ZONE (LEFT ARROW)
236	108+94	LIGHT POLE	D11-1C	18 x 24			3			3	108+76	LIGHT POLE			BIKE GUIDE SIGN - EAST TO CTA STATION
237	109+05	SIGN POLE	CTA	12 x 18							109+12	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 201, 206, 215
238	109+23	SIGN POLE	R7-207-3	18 x 18							109+42	SIGN POLE		1	BUS STOP - TOW ZONE
239	109+23	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 101
240	109+52	LIGHT POLE	R7-4	18 x 24		1			1		109+52	LIGHT POLE			NO STANDING OR PARKING ANY TIME - TOW ZONE
241	109+52	LIGHT POLE	N/A	-							109+52	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
242	109+52	LIGHT POLE	N/A	-							109+52	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
243	109+52	LIGHT POLE	N/A	-							109+52	LIGHT POLE			SHARED LANE - YIELD TO BIKES
244	110+40	SIGN POLE	N/A	-											PAY TO PARK - PARK CHICAGO - 479 101
245	111+01	LIGHT POLE	N/A	-	1				1		111+01	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
246	111+01	LIGHT POLE	N/A	-							111+01	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
247	111+10	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 101
248	111+71	LIGHT POLE	N/A	-			3			3	111+71	LIGHT POLE			NO BIKES ON SIDEWALKS
249	111+97	SIGN POLE	CTA	12 x 18			REM BY CTA								CTA PACE BUS STOP - 97, 201, 206, 215
250	112+11	SIGN POLE	D3-1	6 x 60											STREET NAME, N HOYNE AV
251	112+33	SIGN POLE	N/A	-											RIGHT LANE - BIKE ONLY
252	112+56	LIGHT POLE	N/A	-		1			1		112+56	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
253	112+56	LIGHT POLE	R2-1	24 x 30							112+56	LIGHT POLE			SPEED LIMIT 30
254	112+56	LIGHT POLE	N/A	-							112+56	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
255	112+56	LIGHT POLE	D3-1	6 x 60							112+56	LIGHT POLE			STREET NAME, HOWARD ST
256	112+56	LIGHT POLE	D3-1	6 x 60							112+56	LIGHT POLE			STREET NAME, ELMWOOD AV
257	112+62	SIGN POLE	R1-1	30 x 30											STOP SIGN
258	112+75	SIGN POLE	R1-1	30 x 30											STOP SIGN
259	112+92	SIGN POLE	N/A	-			3			3	112+92	SIGN POLE		1	PAY AT BOX - PARK CHICAGO - 479 102
260	113+18	SIGN POLE	CTA	12 x 18			REM BY CTA								CTA PACE BUS STOP - 97, 201, 206, 215
261	114+00	LIGHT POLE	N/A	-	1			1			114+00	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
262	114+00	LIGHT POLE	N/A	-							114+00	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
263	114+40	SIGN POLE	N/A	-											PAY TO PARK - PARK CHICAGO - 479 102
264	115+51	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 102
265	115+59	LIGHT POLE	N/A	-	1			1			115+59	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
266	115+59	LIGHT POLE	N/A	-							115+59	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
267	116+26	SIGN POLE	R1-1	30 x 30			6.25			6.25	116+26	SIGN POLE		1	STOP SIGN
268	116+45	LIGHT POLE	D3-1	6 x 60	1			1			116+45	LIGHT POLE			STREET NAME, SEELEY AV
269	116+45	LIGHT POLE	D3-1	6 x 60							116+45	LIGHT POLE			STREET NAME, HOWARD ST
270	116+63	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 105
271	117+10	LIGHT POLE	N/A	-	1			1			117+10	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
272	117+10	LIGHT POLE	N/A	-							117+10	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
273	117+26	SIGN POLE	N/A	-											PAY TO PARK - PARK CHICAGO - 479 105
274	117+78	SIGN POLE	N/A	-											SHARED LANE - YIELD TO BIKES
275	118+06	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 105
276	118+07	LIGHT POLE	N/A	-			3			3	118+07	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
277	118+07	LIGHT POLE	N/A	-			3			3	118+07	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
278	118+07	LIGHT POLE	N/A	-			3			3	118+07	LIGHT POLE			NO BIKES ON SIDEWALKS
279	118+62	SIGN POLE	N/A	-											RIGHT ONLY EXCEPT BIKES AND BUS
280	118+72	SIGN POLE	N/A	-											HOWARD STREET
281	118+74	SIGN POLE	N/A	-											HOWARD STREET
282	118+79	SIGN POLE	N/A	-			3			3	118+91	LIGHT POLE			RIGHT LANE - BIKE ONLY
283	118+90	TS POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	120+76	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 201, 206, 215
283A			R7-207-1	18 x 18							121+08	SIGN POLE	2.25	1	NO PARKING - BUS STOP - TOW ZONE

FILE NAME =	USER NAME = esolutz	DESIGNED - KEM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOWARD STREET CORRIDOR IMPROVEMENT PROJECT SIGNAGE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M:\2019\3 CH\17-03-3890 Howard Street	Phase II Design\Graphics\CAD Files\SGN.SCH.190	DRAWN - KEM	REVISED -			1334	17-00281-00-RS	COOK	270	142
Default	PLOT SCALE = 20.00' / in.	CHECKED - ECS	REVISED -			CONTRACT NO. 61G30				
	PLOT DATE = 1/13/2020	DATE - 11/20/2019	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	


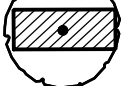



**SCHEDULE OF QUANTITIES**

SIGN NUMBER	EXISTING SIGN STATION	EXISTING POLE TYPE	CDOT/MUTCD SIGN CODE	SIGN PANEL DIMENSION (INCHES)	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	REMOVE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY - TYPE B EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	PROPOSED SIGN STATION	PROPOSED POLE TYPE	SIGN PANEL TYPE 1 SQ FT	FURNISH AND INSTALL POLE AND BASE EACH	SIGN OR FEATURE DESCRIPTION
284	119+07	TS POLE	D3-1	6 x 60											STREET NAME, CUSTER AV
285	119+07	TS POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
286	119+08	TS POLE	D3-2	30 x 60											STREET NAME, W HOWARD ST 7600 N
287	119+55	TS POLE	D3-1	6 x 60											STREET NAME, DAMEN AV
288	119+55	TS POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
289	119+74	TS POLE	W12-2	36 x 36			9			9	119+74	LIGHT POLE			2x 11' -6" CLEARANCE
290	119+80	LIGHT POLE	N/A	-			3			3	119+80	LIGHT POLE			NO BIKES ON SIDEWALKS
291	119+83	SIGN POLE	CTA	12 x 18			REM BY CTA			REINSTALL BY CTA	118+32	SIGN POLE		INSTALL BY CTA	CTA PACE BUS STOP - 97, 201, 206, 215
291A			R7-207-1	18 x 18							118+07	LIGHT POLE	2.25		NO PARKING - BUS STOP
292	119+96	SIGN POLE	N/A	-											RIGHT ONLY EXCEPT BIKES AND BUS
293	120+21	SIGN POLE	N/A	-											ORNAMENTAL HOWARD STREET
294	120+22	SIGN POLE	N/A	-											ORNAMENTAL HOWARD STREET
295	120+22	SIGN POLE	R7-4	18 x 24											NO STANDING OR PARKING ANY TIME - TOW ZONE
296	120+43	SIGN POLE	N/A	-			3			3	121+39	LIGHT POLE			PAY AT BOX - PARK CHICAGO - 479 107
297	120+46	LIGHT POLE	N/A	-	1			1			120+46	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
298	120+46	LIGHT POLE	N/A	-							120+46	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
299	121+26	LIGHT POLE	N/A	-			3			3	121+26	LIGHT POLE			SHARED LANE - YIELD TO BIKES
300	121+81	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 107
301	121+81	SIGN POLE	R7-601	18 x 18											15 MINUTE LOADING ZONE - 11 AM - 11 PM MON-SAT
302	122+00	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 107
303	122+00	SIGN POLE	R7-601	18 x 18											15 MINUTE LOADING ZONE - 11 AM - 11 PM MON-SAT
304	122+17	SIGN POLE	N/A	-											PAY TO PARK - PARK CHICAGO - 479 107
305	122+17	LIGHT POLE	N/A	-	1			1			122+17	LIGHT POLE			NO BIKES ON SIDEWALKS
306	122+17	LIGHT POLE	N/A	-	1			1			122+17	LIGHT POLE			NO PARKING 12 AM TO 6 AM - TOW ZONE
307	122+17	LIGHT POLE	N/A	-							122+17	LIGHT POLE			NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
308	122+49	SIGN POLE	D3-1	6 x 60											STREET NAME, CALLAN AV
309	122+49	SIGN POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
310	122+49	SIGN POLE	R1-1	30 x 30											STOP SIGN
311	122+49	SIGN POLE	R6-2L	24 x 30											ONE WAY (ARROW)
312	122+62	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 107
313	122+77	SIGN POLE	R5-1	12 x 18											DO NOT ENTER
314	122+77	SIGN POLE	R7-1	12 x 18											NO PARKING HERE TO CORNER
315	122+98	LIGHT POLE	N/A	-			3			3	122+98	LIGHT POLE			NO BIKES ON SIDEWALKS
316	123+30	SIGN POLE	R1-1	30 x 30											STOP SIGN
317	123+30	SIGN POLE	R6-2L	24 x 30											ONE WAY (ARROW)
318	123+54	SIGN POLE	N/A	-											PAY AT BOX - PARK CHICAGO - 479 108
319	123+54	SIGN POLE	N/A	-											RIGHT LANE - BIKE ONLY
320	123+58	LIGHT POLE	D3-1	6 x 60											STREET NAME, WINCHESTER AV
321	123+58	LIGHT POLE	D3-1	6 x 60											STREET NAME, HOWARD ST
322	123+76	LIGHT POLE	N/A	-											NO PARKING 12 AM TO 6 AM - TOW ZONE
323	123+76	LIGHT POLE	N/A	-											NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
324	124+58	SIGN POLE	N/A	-											PAY TO PARK - PARK CHICAGO - 479 108
325	124+92	LIGHT POLE	N/A	-											NO PARKING 12 AM TO 6 AM - TOW ZONE
326	124+92	LIGHT POLE	N/A	-											NO PARKING SNOW OVER 2" - 11 PM TO 6 AM - TOW ZONE
327	124+92	LIGHT POLE	N/A	-											NO BIKES ON SIDEWALKS
328			R3-5R SPECIAL	30 X 36							90+92	LIGHT POLE	7.5		RIGHT TURN ONLY EXCEPT BUS AND BIKE
329			R3-5R SPECIAL	30 X 36							95+12	LIGHT POLE	7.5		RIGHT TURN ONLY EXCEPT BUS AND BIKE
330			R6-2R	24 x 30							118+90	LIGHT POLE	5		ONE WAY (ARROW RIGHT)
331			R6-2L	24 x 30							118+90	LIGHT POLE	5		ONE WAY (ARROW LEFT)
332			R6-2R	24 x 30							119+53	LIGHT POLE	5		ONE WAY (ARROW RIGHT)
333			R6-2L	24 x 30							119+53	LIGHT POLE	5		ONE WAY (ARROW LEFT)
334			R6-2L	24 x 30							119+12	SIGN POLE	5	1	
335			R3-1-1	24 x 24							119+49	SIGN POLE	4	1	

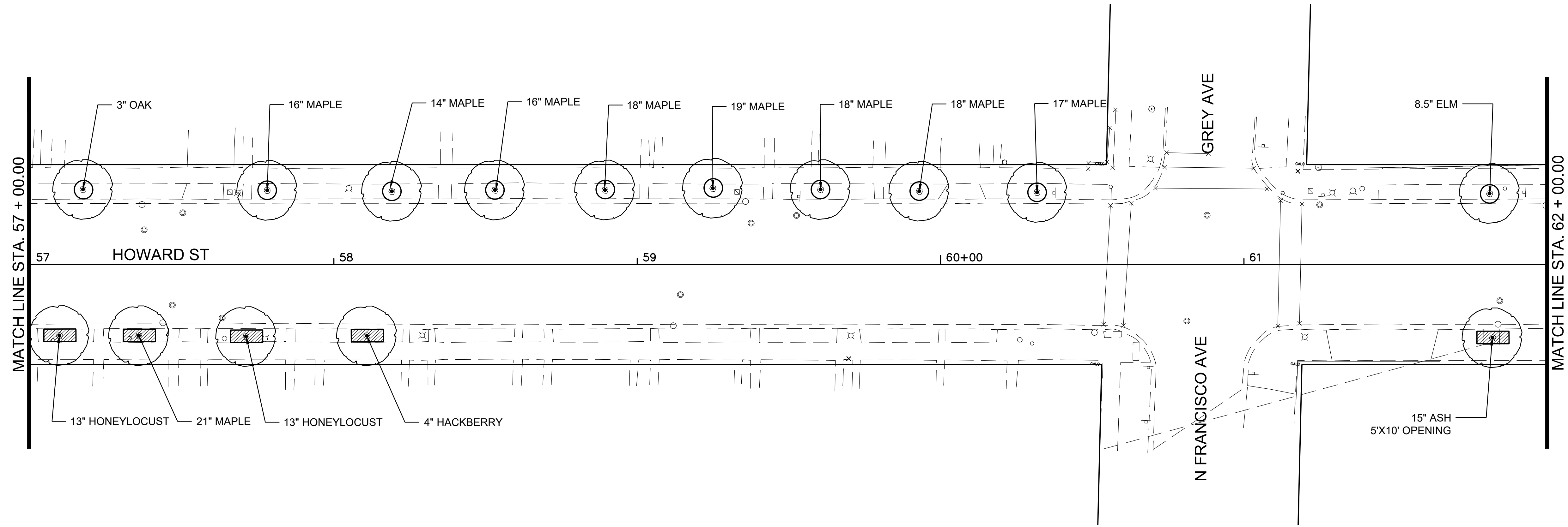
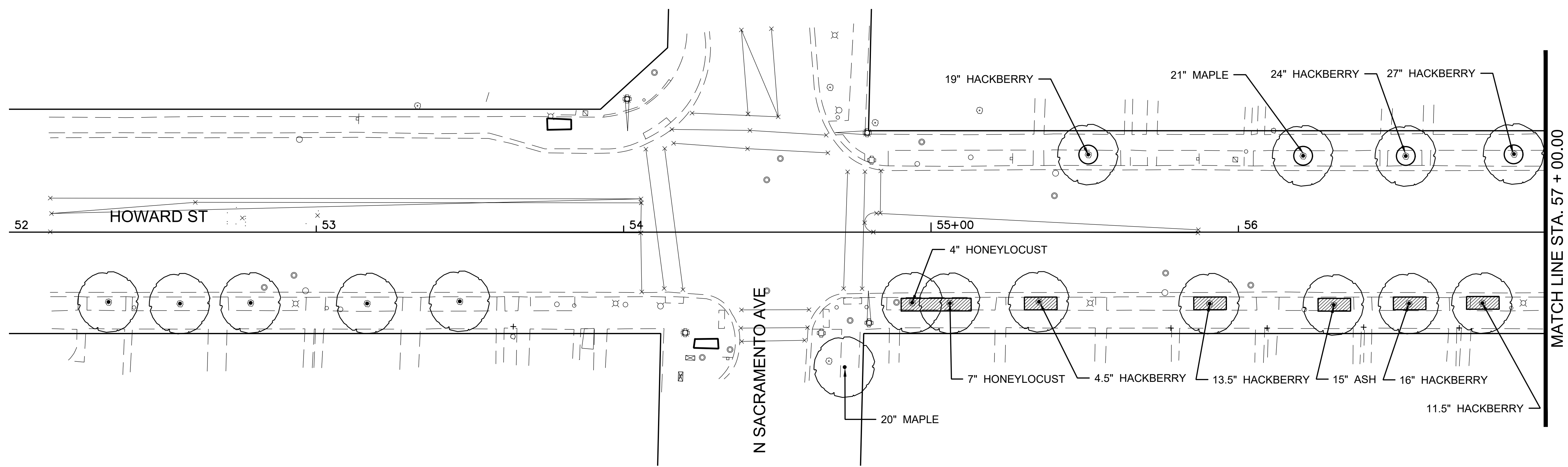
- SIGN PLAN NOTES:
1. ALL PARKING SIGNS ON SOUTH SIDE OF HOWARD TO CONFORM TO CDOT STYLE.
  2. SEE CDOT GUIDELINES FOR MOUNTING TYPE.
  3. SEE CDOT GUIDELINES FOR SPECIAL SIGN TYPE.
  4. CONTACT CTA AND PACE TWO WEEKS PRIOR TO CONSTRUCTION TO COORDINATE BUS STOP SIGNAGE CHANGES.
  5. FINAL SIGN POST PLACEMENT BY INSTRUCTION OF THE ENGINEER. SIGN POSTS SHALL BE INSTALLED ON MINIMUM 3' x3' CONCRETE PAD NOT ON BRICK PAVERS.



**LEGEND**

-  EXISTING TREE TO REMAIN WITH TREE TRUNK PROTECTION CITY OF EVANSTON
-  EXISTING TREE TO REMAIN WITH TEMPORARY FENCE AND MULCH - CITY OF CHICAGO
-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO BE RELOCATED SEE LANDSCAPE PLAN FOR NEW LOCATION
-  EXISTING TREE TO REMAIN ROOT PRUNING

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  - SHREDDED HARDWOOD BARK MULCH INSIDE OF TEMPORARY FENCE IN CITY OF CHICAGO.



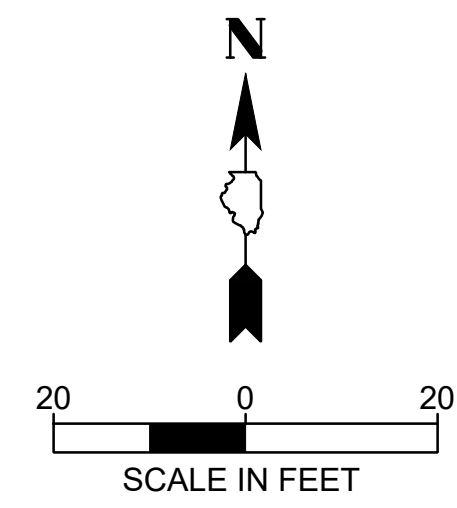
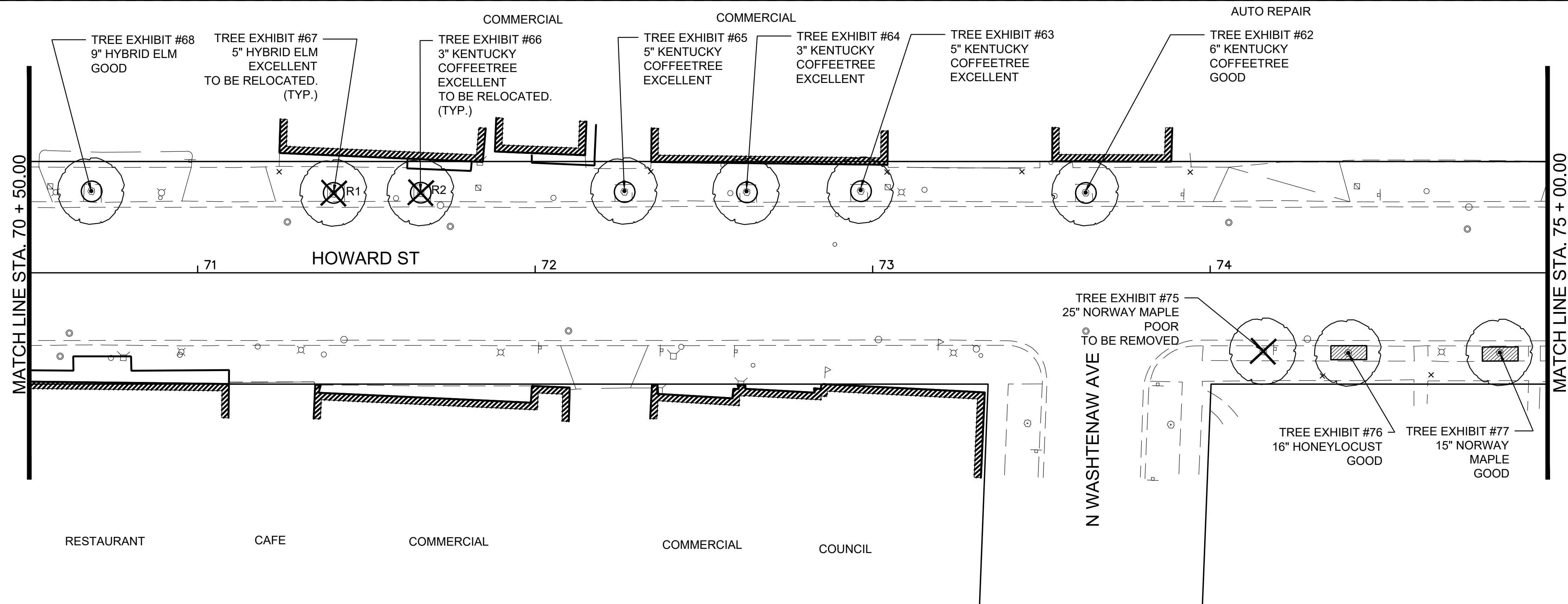
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN  
SCALE: 1" = 20'-0" SHEET 144 OF 270 SHEETS STA. 52 + 00.00 TO STA. 60 + 00.00

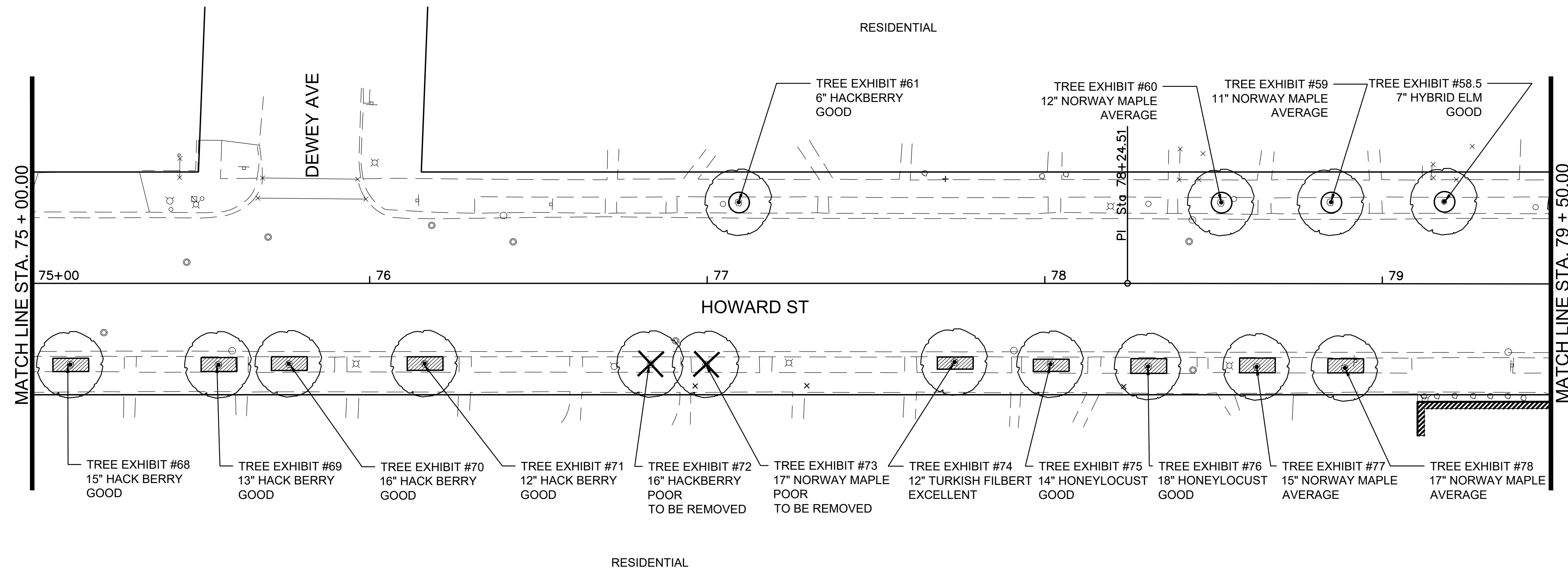
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	144
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				





- LEGEND**
- EXISTING TREE TO REMAIN WITH TREE TRUNK PROTECTION CITY OF EVANSTON
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**MASTER RELOCATED TREE LIST**

Trees	Size	Name	Tree Exhibit	Sheet No.
R1	5"	HYBRID ELM	67	146
R2	3"	KENTUCKY COFFEETREE	66	146
R3	2"	HONEYLOCUST	45.5	147
R4	2"	KENTUCKY COFFEETREE	45	147
R5	2"	GINGKO	44	147
R6	8"	HONEY LOCUST	41.5	148
R7	3"	CATALPA	40	148
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R12	4"	HYBRID ELM	35	149
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R14	6"	HYBRID ELM	33	149
R15	5"	SWAMP WHITE OAK	32	149
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R17	12"	HYBRID ELM	30	149
R18	2"	KENTUCKY COFFEETREE	30.5	149
R19	2"	KENTUCKY COFFEETREE	29.5	149
R20	2"	GINGKO	29	149
R21	3"	HYBRID ELM	28	149
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**MASTER TREE ROOT PRUNING LIST**

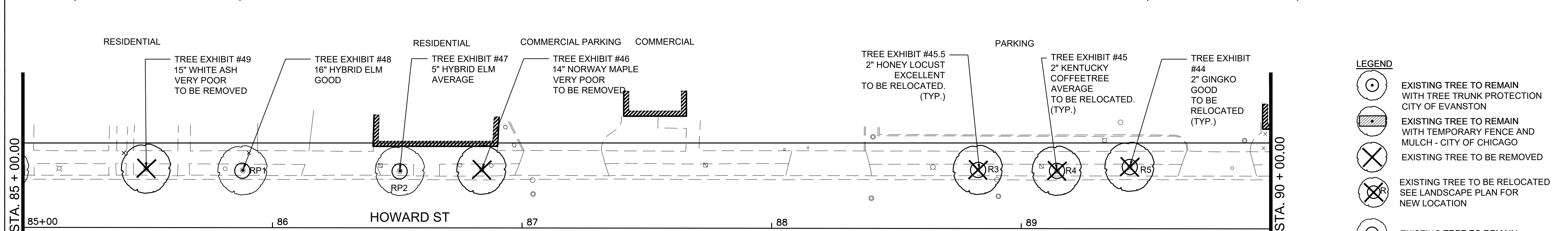
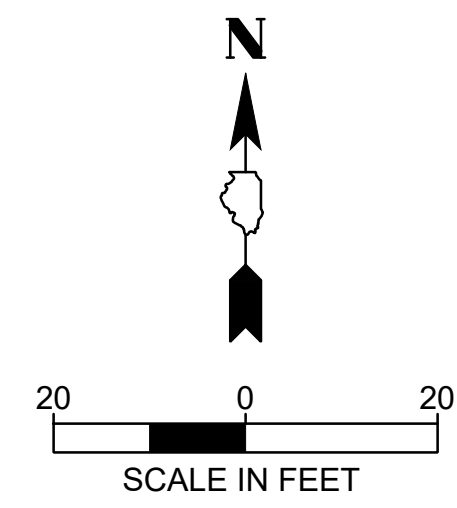
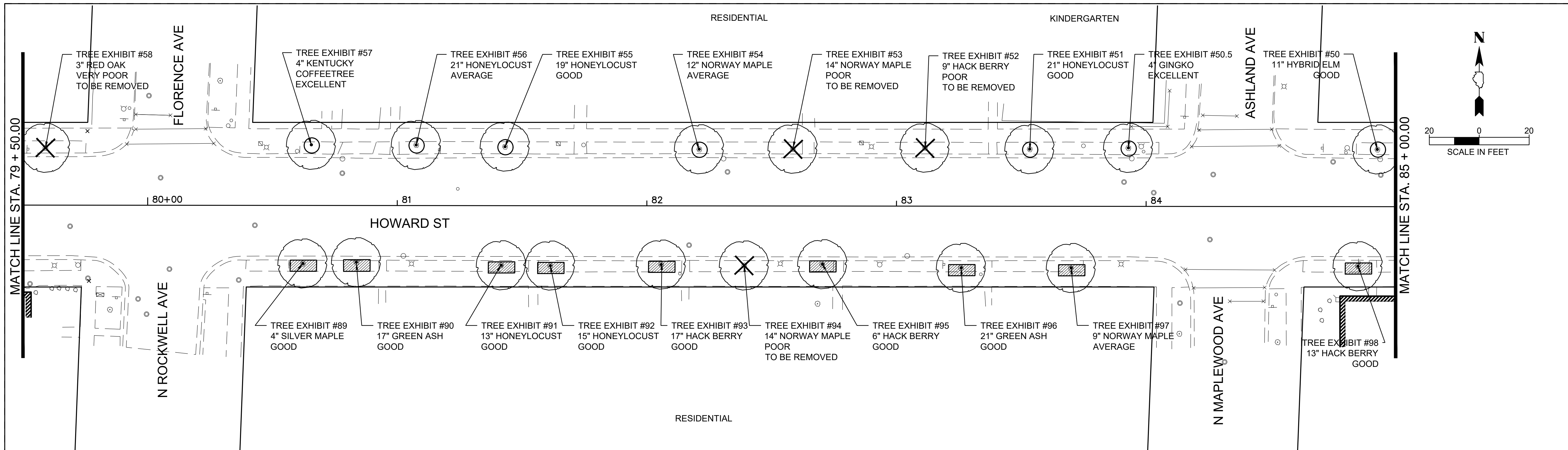
Trees	Size	Name	Tree Exhibit	Sheet No.
RP1	16"	HYBRID ELM	48	147
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN  
SCALE: 1" = 20'-0" SHEET 146 OF 270 SHEETS STA. 70 + 50.00 TO STA. 79 + 50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	146
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- EXISTING TREE TO REMAIN WITH TREE TRUNK PROTECTION CITY OF EVANSTON
  - EXISTING TREE TO REMAIN WITH TEMPORARY FENCE AND MULCH - CITY OF CHICAGO
  - EXISTING TREE TO BE REMOVED
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**MASTER TREE ROOT PRUNING LIST**

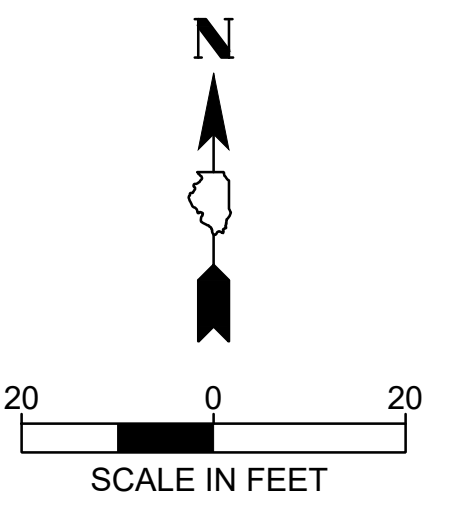
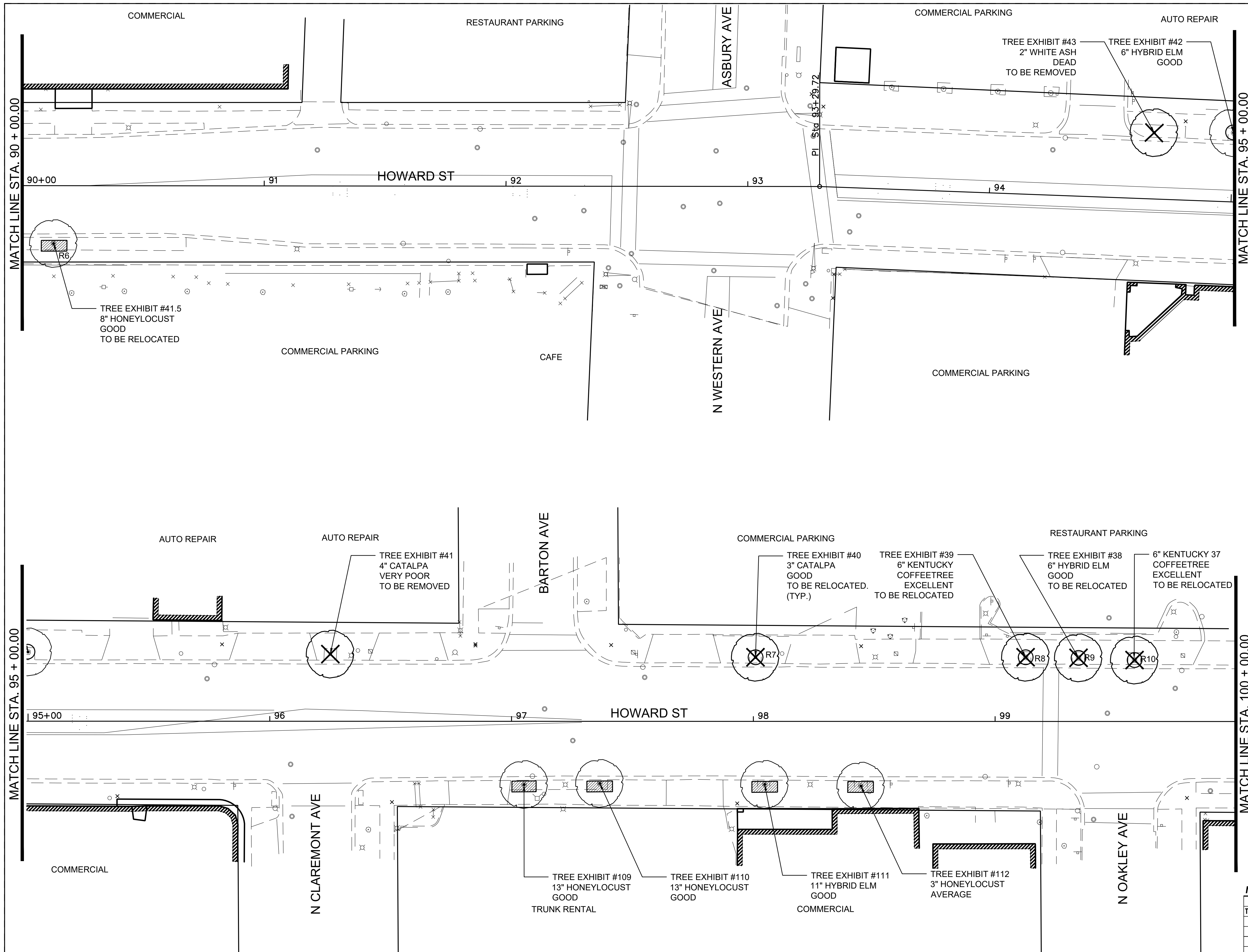
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**MASTER TREE ROOT PRUNING LIST**

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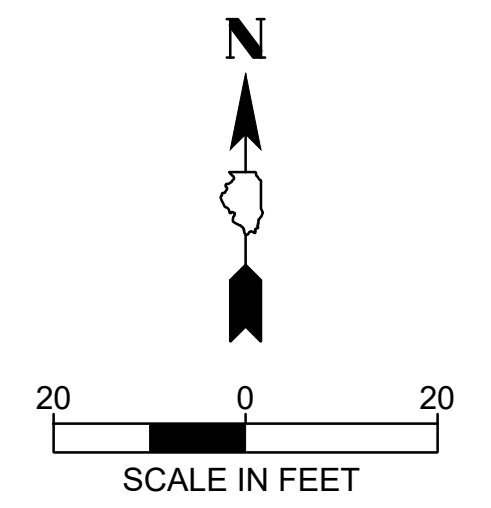
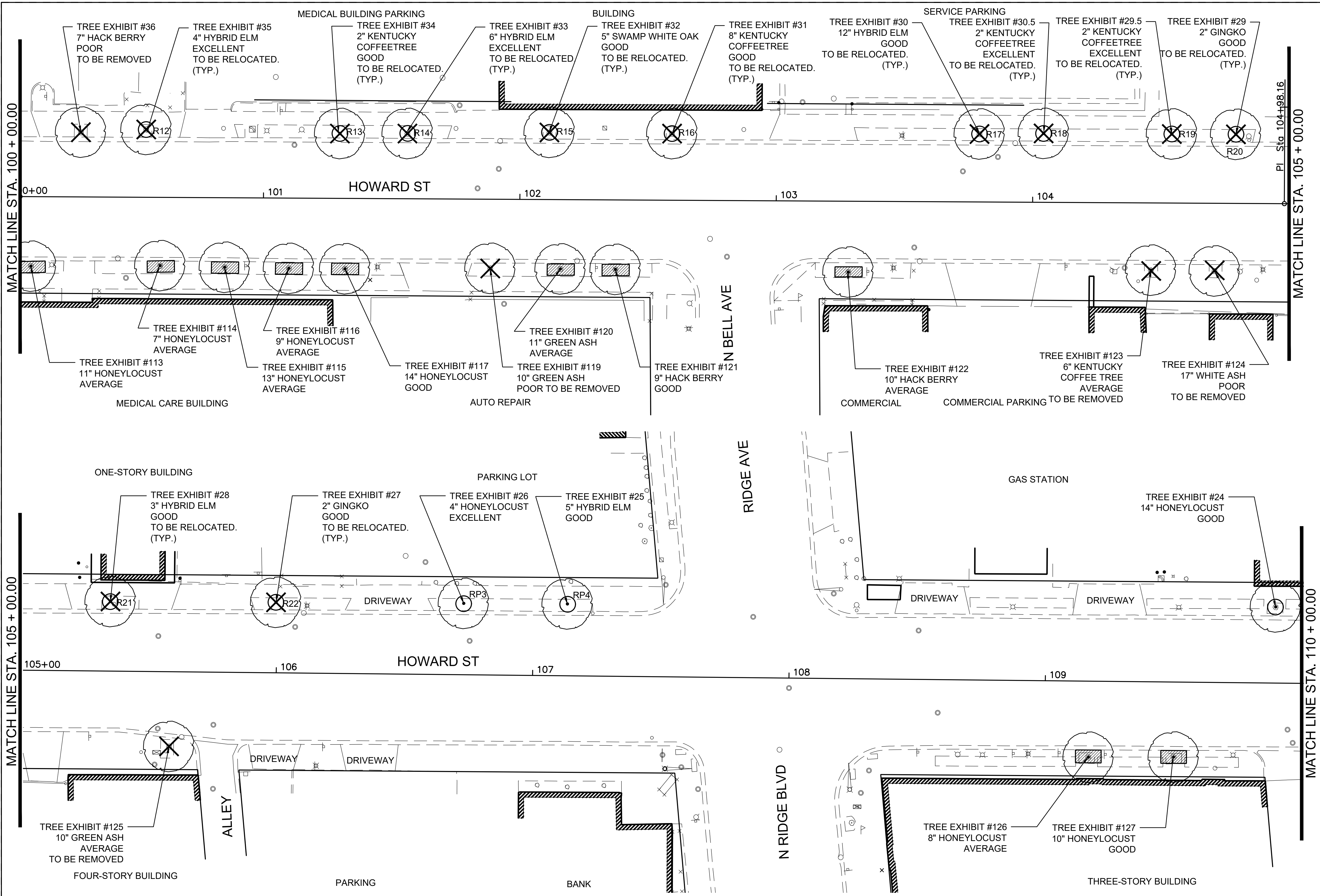
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN  
SCALE: 1" = 20'-0" SHEET 148 OF 270 SHEETS STA. 90 + 00.00 TO STA. 100 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	148
			CONTRACT NO. 61G30	
		ILLINOIS FED. AID PROJECT		





- LEGEND**
- EXISTING TREE TO REMAIN WITH TREE TRUNK PROTECTION CITY OF EVANSTON
  - EXISTING TREE TO REMAIN WITH TEMPORARY FENCE AND MULCH - CITY OF CHICAGO
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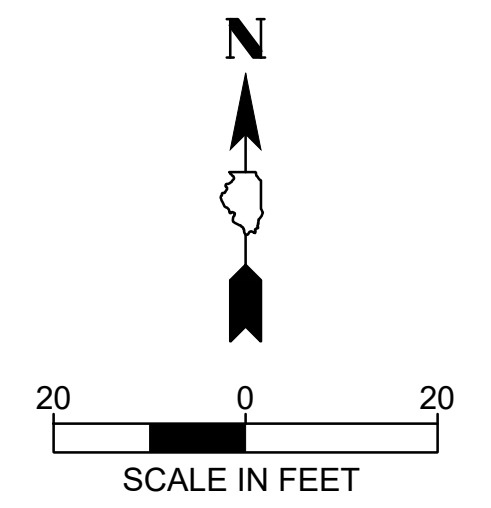
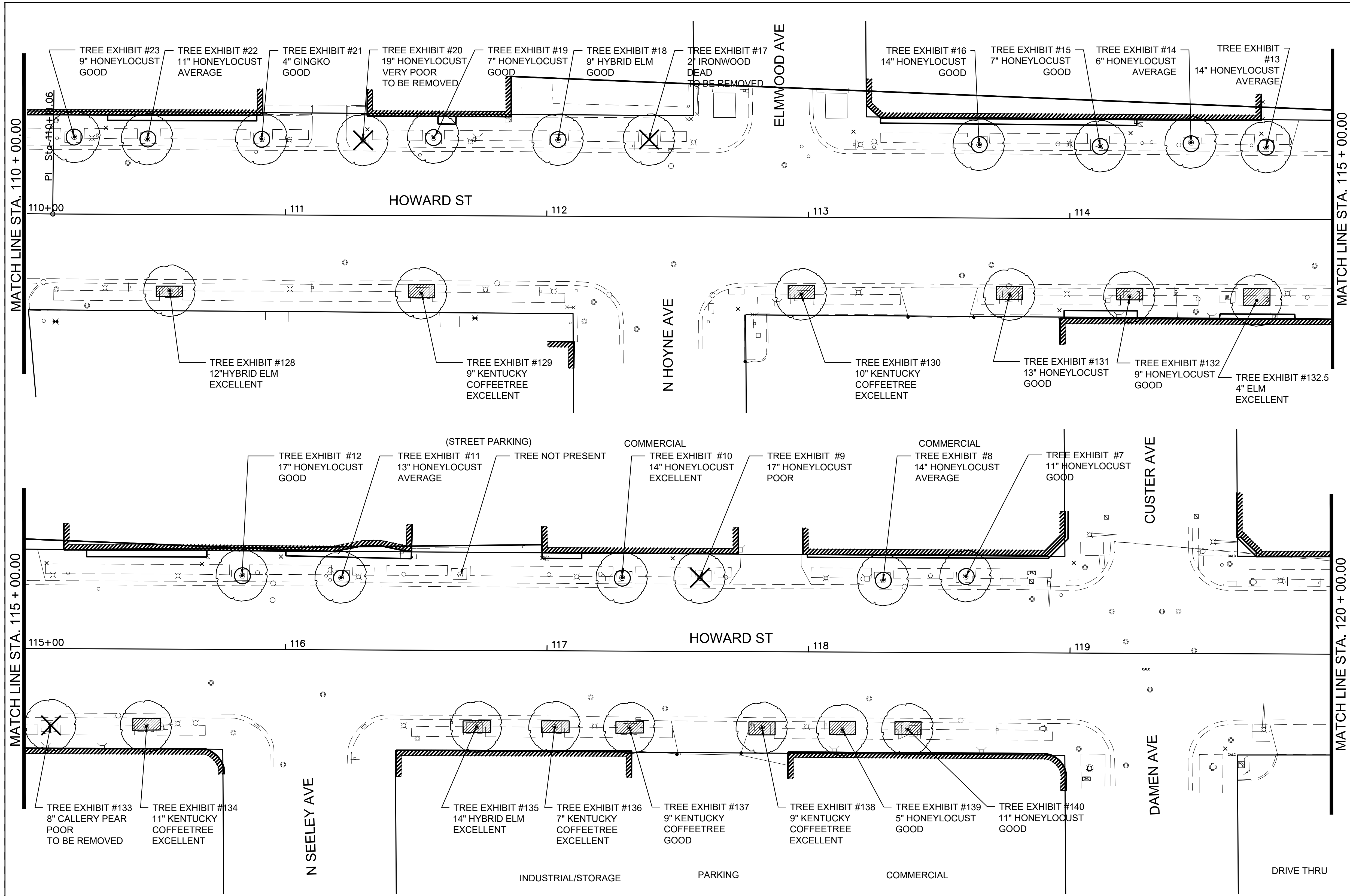
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN

SCALE: 1" = 20'-0" SHEET 149 OF 270 SHEETS STA. 100 + 00.00 TO STA. 110 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	149
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	



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-  EXISTING TREE TO REMAIN WITH TREE TRUNK PROTECTION CITY OF EVANSTON
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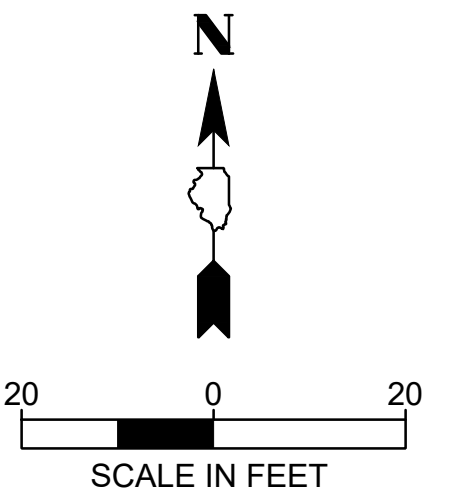
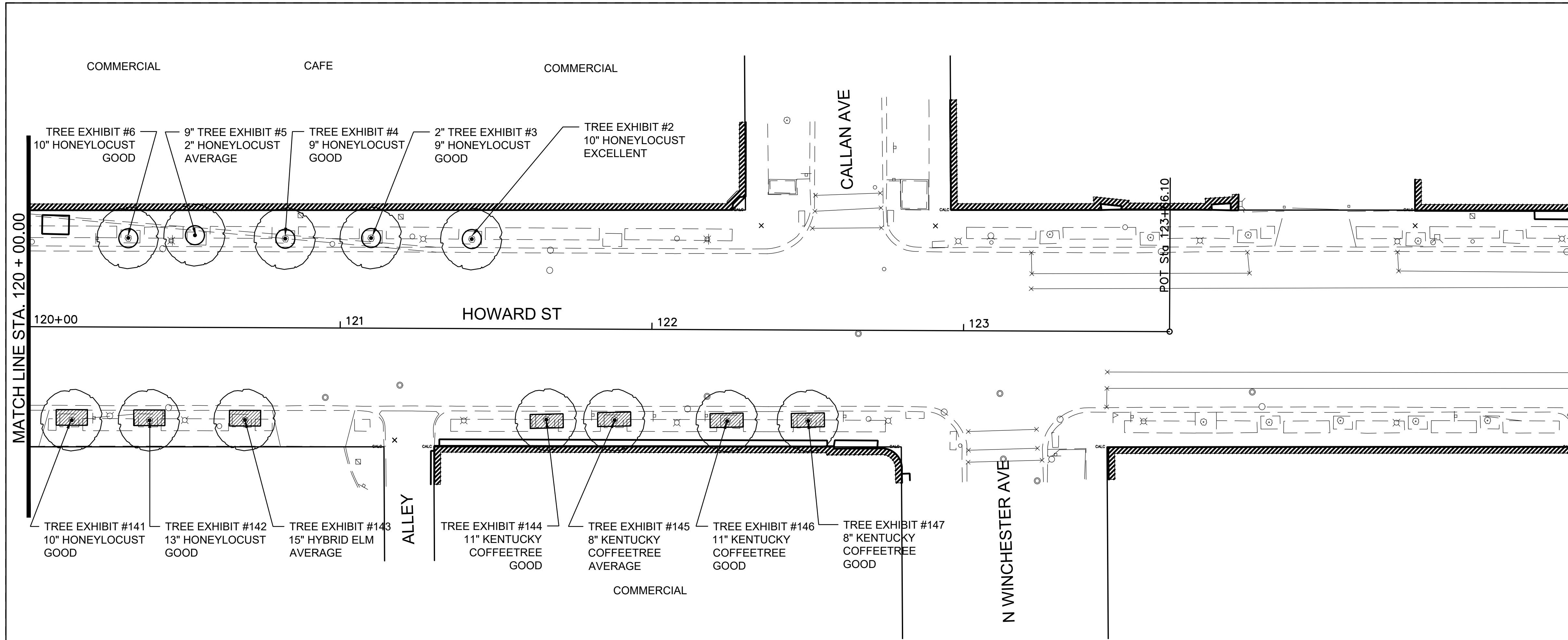
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN

SCALE: 1" = 20'-0" SHEET 150 OF 270 SHEETS STA. 110 + 00.00 TO STA. 120 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	150
CONTRACT NO. 61G30				
ILLINOIS		FED. AID PROJECT		



**LEGEND**

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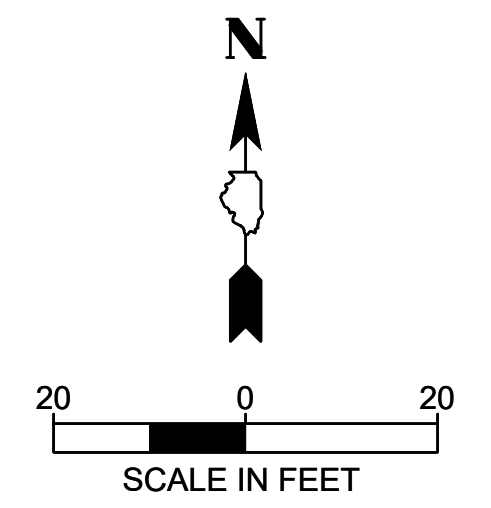
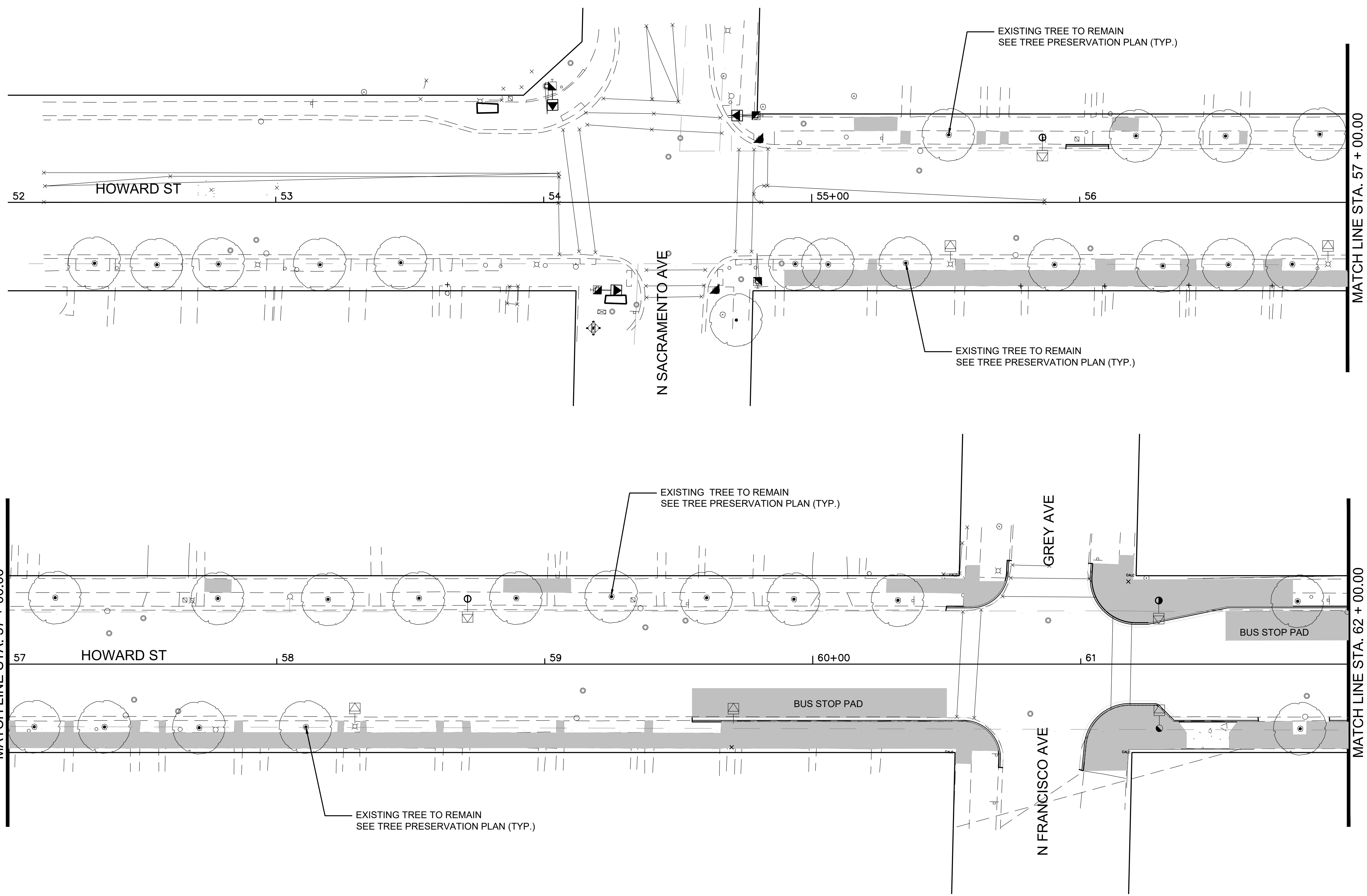
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DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
TREE PRESERVATION, REMOVAL & RELOCATION PLAN

SCALE: 1" = 20'-0" SHEET 151 OF 270 SHEETS STA. 120 + 00.00 TO STA. 123 + 66.10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	151
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	



- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON)  
TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO)  
TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6'  
WITH 3" DEPTH OF 1" BLACK LAVA ROCK
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY  
(QTY: 4 IN CITY OF EVANSTON)  
(QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE  
(SEE ELEC.)
  - EXISTING LIGHTPOLE  
(SEE ELEC.)

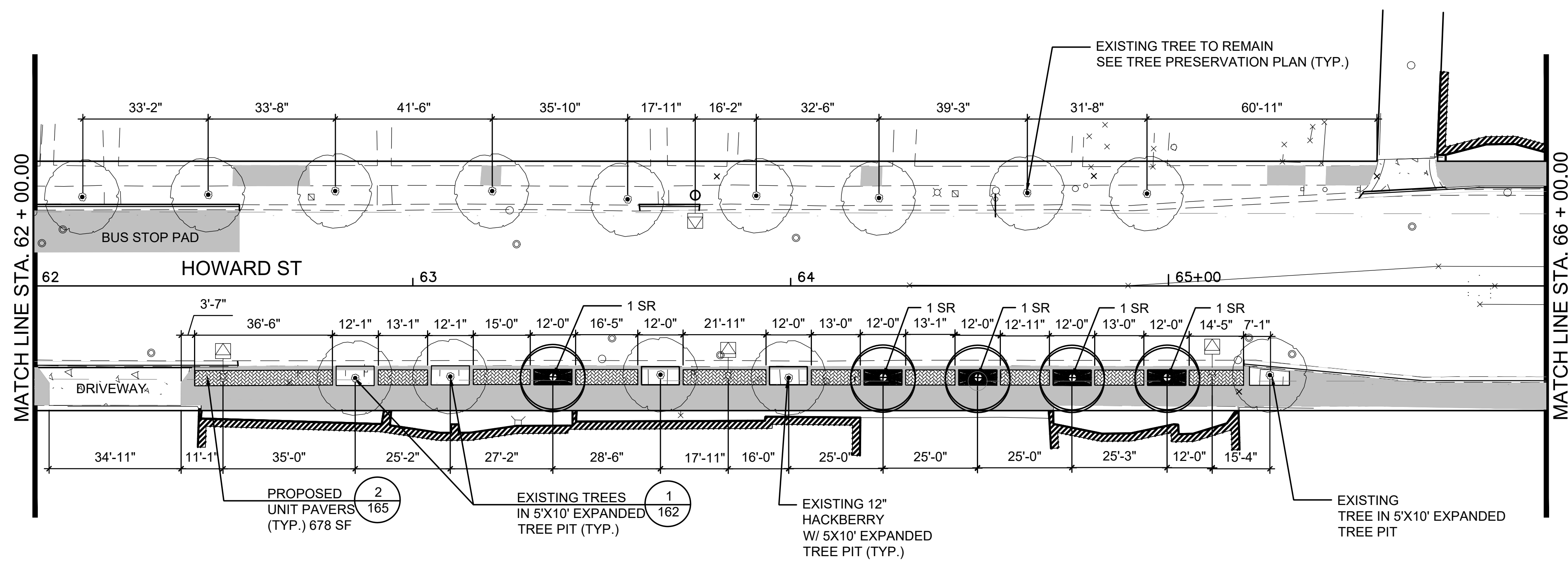
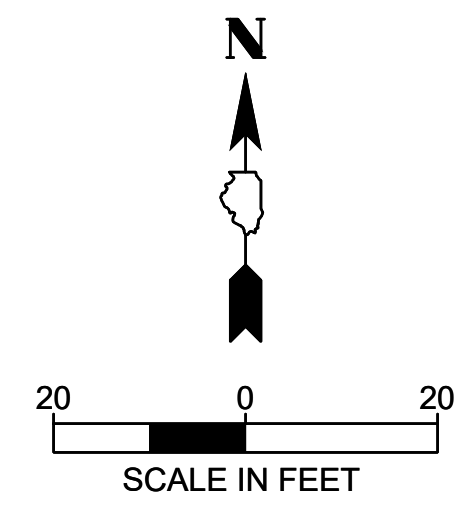
**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
 LOCATIONS OF BENCHES, BIKE RACKS, TRASH RECEPTACLES AND GATEWAYS SHALL BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  
 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

FILE NAME =	USER NAME =	DESIGNED - JB	REVISED -
\$FILEL\$		DRAWN - JC	REVISED -
	PLOT SCALE = 1"=20'-0"	CHECKED - JB	REVISED -
\$MODELNAME\$	PLOT DATE = 12.20.2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

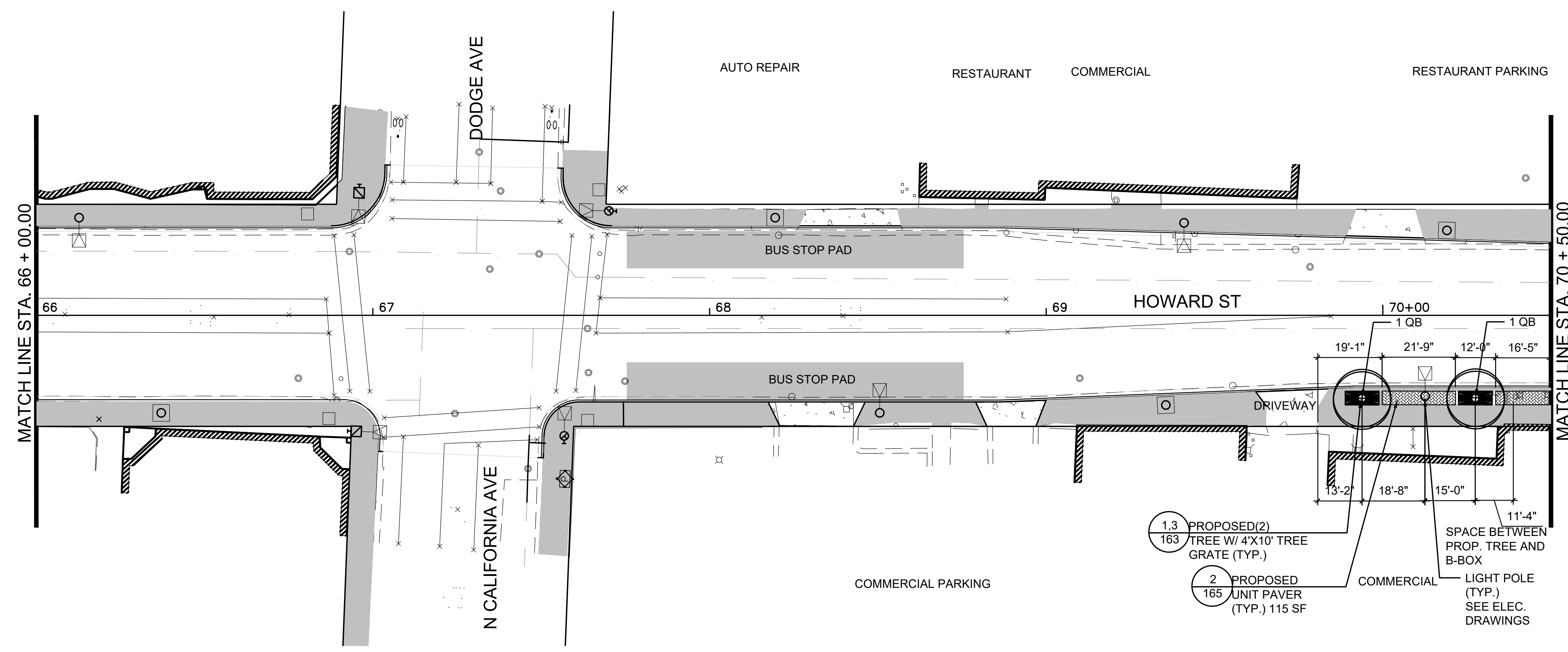
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
 LANDSCAPE PLAN  
 SCALE: 1" = 20'-0" SHEET 152 OF 270 SHEETS STA. 52 + 00.00 TO STA. 60 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	152
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



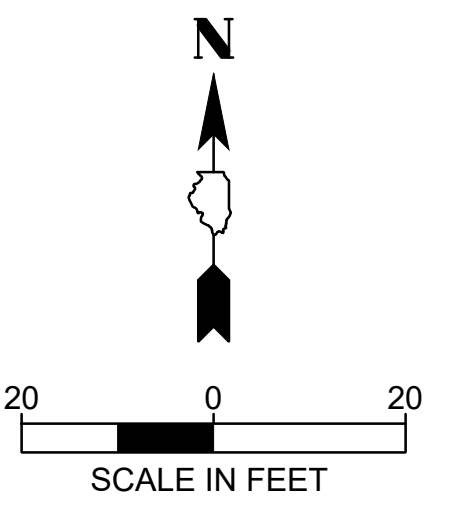
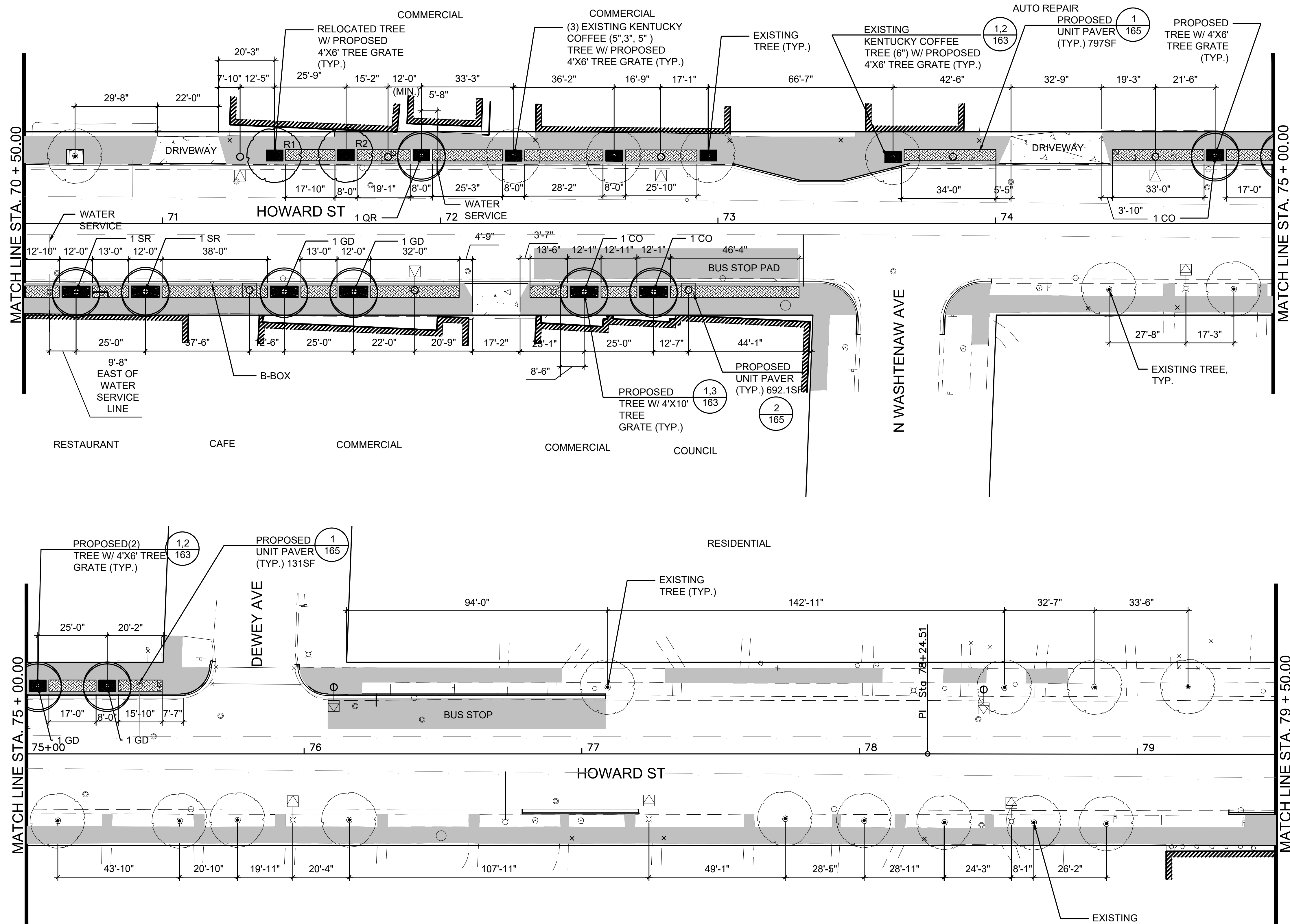
- LEGEND**
- EXISTING TREE TO REMAIN SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK)
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
 LOCATIONS OF BENCHES, BIKE RACKS, TRASH RECEPTACLES AND GATEWAYS SHALL BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  
 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



**STA 62+00.00 TO STA. 70+50.00 PLANT SCHEDULE-CITY OF CHICAGO**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
QB	2	2.5"	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	50' HT	See Plans	
SR	5	2.5"	SYRINGIA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	B&B	20-30' HT	See Plans	



- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK)
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
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 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

**RELOCATED TREE LIST**

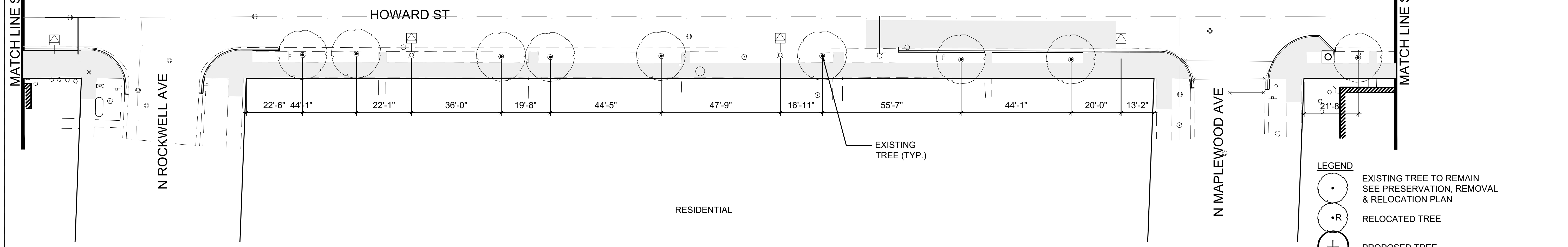
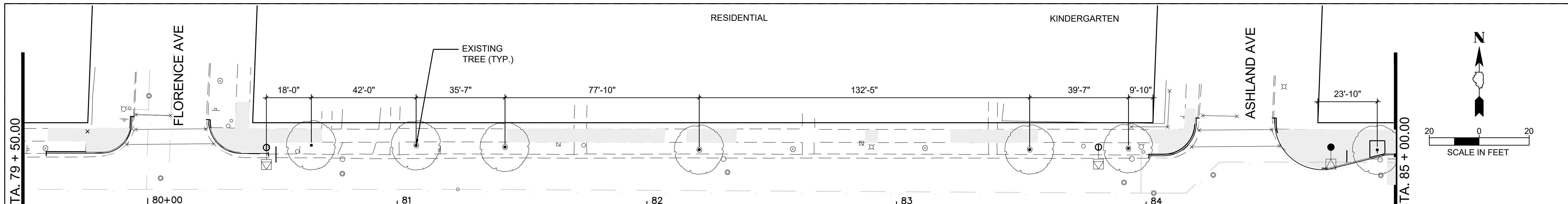
Trees	Size	Name	Tree Exhibit	Sheet No.
R1	5"	HYBRID ELM	67	154
R2	3"	KENTUCKY COFFEETREE	66	154

**STA 70+50.00 TO STA. 79+50.00 PLANT SCHEDULE-CITY OF EVANSTON**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
<b>Trees</b>								
CO	1	2.5"	CELTIS OCCIDENTALIS	HACKBERRY	B&B	50' HT	See Plans	
GD	2	2.5"	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	B&B	60' HT	See Plans	
QR	1	2.5"	QUERCUS ROBUR 'REGAL PRINCE' HIGH BRANCH	REGAL PRINCE HIGH BRANCH OAK	B&B	50' HT	See Plans	

**STA 70+50.00 TO STA. 79+50.00 PLANT SCHEDULE-CITY OF CHICAGO**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
<b>Trees</b>								
CO	2	2.5"	CELTIS OCCIDENTALIS	HACKBERRY	B&B	50' HT	See Plans	
GD	2	2.5"	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	B&B	60' HT	See Plans	
SR	2	2.5"	SYRINGIA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	B&B	20-30' HT	See Plans	



- LEGEND**
- EXISTING TREE TO REMAIN SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
 LOCATIONS OF BENCHES, BIKE RACKS, TRASH RECEPTACLES AND GATEWAYS SHALL BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  
 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

**STA 79+50.00 TO STA. 90+00.00 PLANT SCHEDULE-CITY OF EVANSTON**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
<b>Trees</b>								
SR	3	2.5"	SYRINGIA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	B&B	20-30' HT	See Plans	
QR	2	2.5"	QUERCUS ROBUR 'REGAL PRINCE' HIGH BRANCH	REGAL PRINCE HIGH BRANCH OAK	B&B	50' HT	See Plans	

**RELOCATED TREE LIST**

Trees	Size	Name	Tree Exhibit	Sheet No.
R3	2"	HONEYLOCUST	45.5	155
R4	2"	KENTUCKY COFFEETREE	45	155
R5	2"	GINGKO	44	155

**STA 79+50.00 TO STA. 90+00.00 PLANT SCHEDULE-CITY OF CHICAGO**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
<b>Trees</b>								
GD	1	2.5"	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	B&B	60' HT	See Plans	

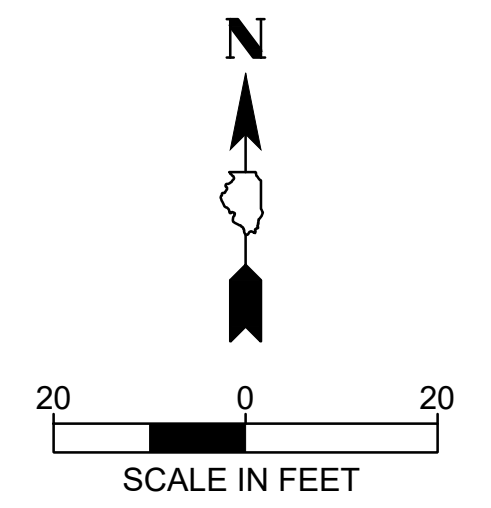
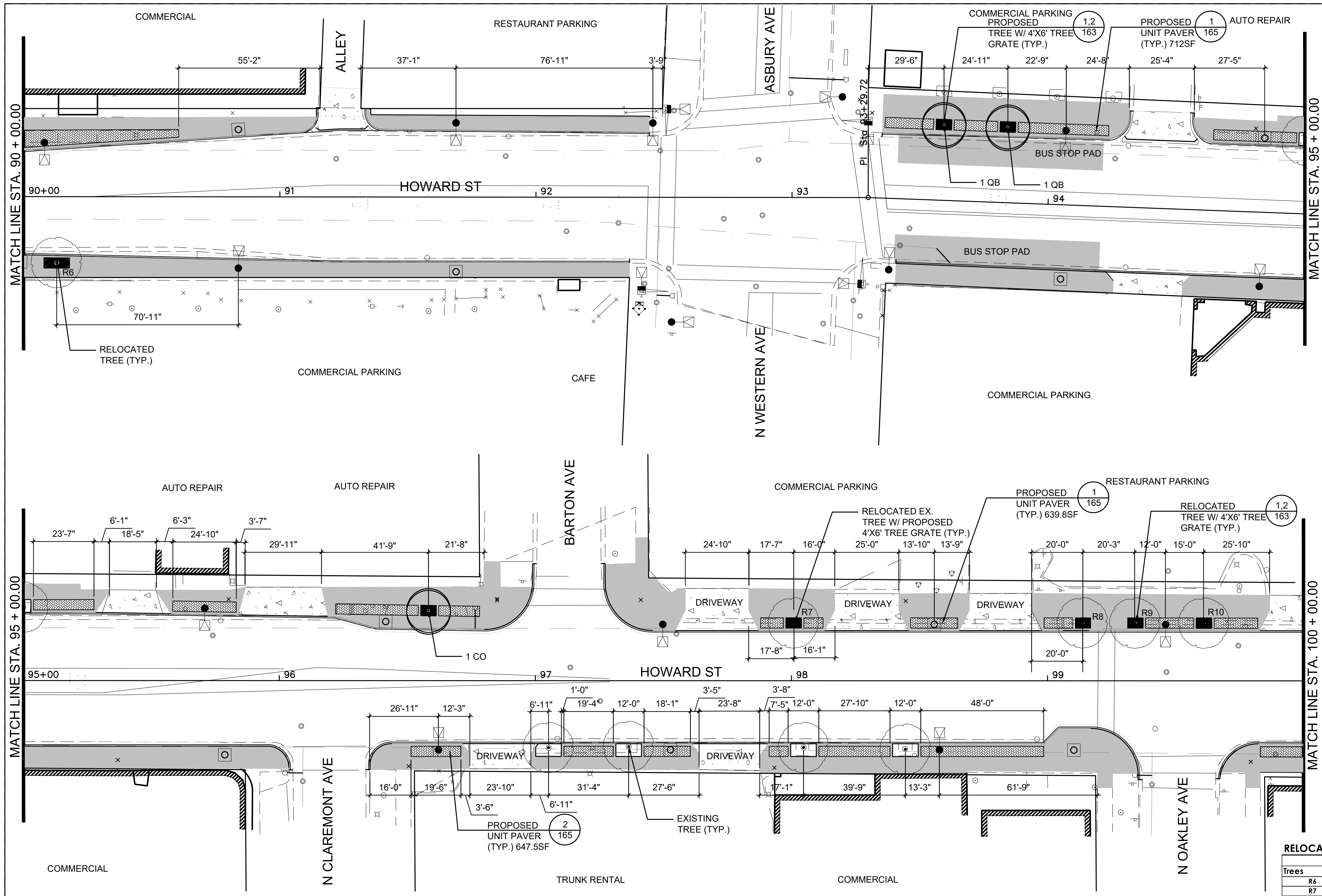
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\$MODELNAME\$	PLOT DATE = 12.20.2019	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 LANDSCAPE PLAN

SCALE: 1" = 20'-0" SHEET 155 OF 270 SHEETS STA. 79 + 50.00 TO STA. 90 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	155
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK)
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
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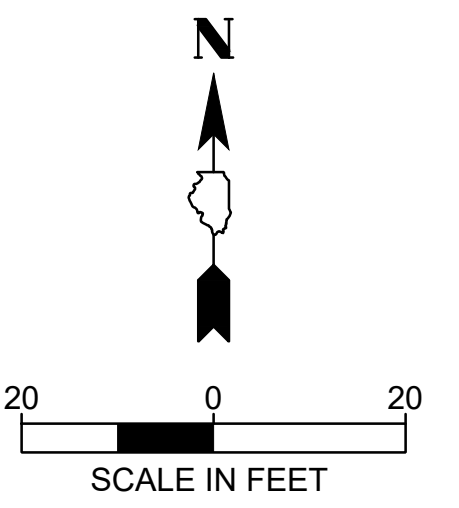
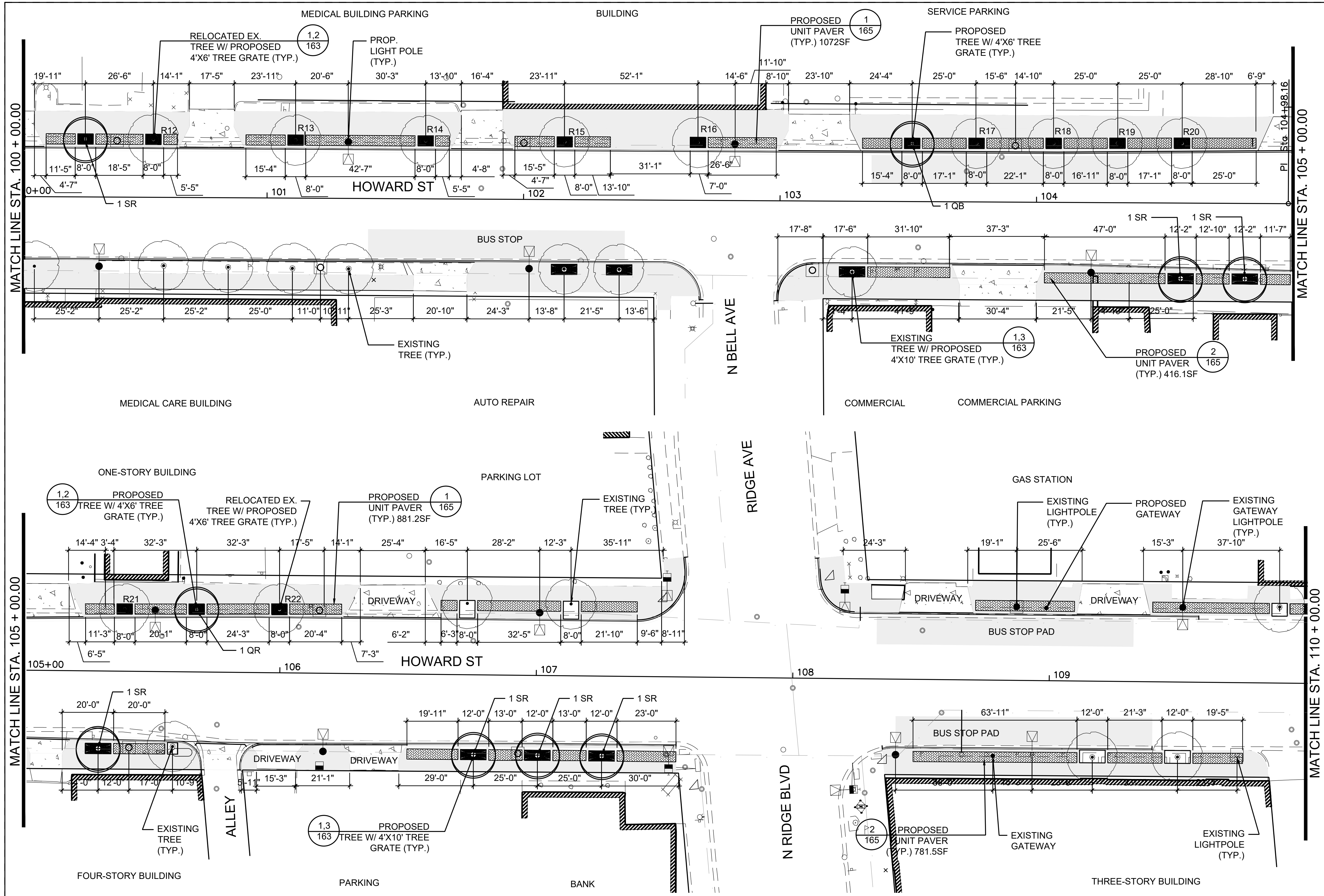
**RELOCATED TREE LIST**

Trees	Size	Name	Tree Exhibit	Sheet No.
R6	8"	HONEY LOCUST	41.5	156
R7	3"	CATALPA	40	156
R8	6"	KENTUCKY COFFEETREE	39	156
R9	6"	HYBRID ELM	38	156
R10	6"	KENTUCKY COFFEETREE	37	156

**STA 90+00.00 TO STA. 100+00.00 PLANT SCHEDULE-CITY OF EVANSTON**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
Trees								
CO	1	2.5"	CELTIS OCCIDENTALIS	HACKBERRY	B&B	50' HT	See Plans	
QB	2	2.5"	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	50' HT	See Plans	





- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK)
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.

PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO

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SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

**RELOCATED TREE LIST**

Trees	Size	Name	Tree Exhibit	Sheet No.
R12	4"	HYBRID ELM	35	157
R13	2"	KENTUCKY COFFEETREE	34	157
R14	6"	HYBRID ELM	33	157
R15	5"	SWAMP WHITE OAK	32	157
R16	8"	KENTUCKY COFFEETREE	31	157
R17	12"	HYBRID ELM	30	157
R18	2"	KENTUCKY COFFEETREE	30.5	157
R19	2"	KENTUCKY COFFEETREE	29.5	157
R20	2"	GINGKO	29	157
R21	3"	HYBRID ELM	28	157
R22	2"	GINGKO	27	157

**STA 100+00.00 TO STA. 110+00.00 PLANT SCHEDULE-CITY OF EVANSTON**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
Trees								
QB	1	2.5"	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	50' HT	See Plans	
QR	1	2.5"	QUERCUS ROBUR 'REGAL PRINCE' HIGH BRANCH	REGAL PRINCE HIGH BRANCH OAK	B&B	50' HT	See Plans	
SR	1	2.5"	SYRINGIA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	B&B	20-30' HT	See Plans	

**STA 100+00.00 TO STA. 110+00.00 PLANT SCHEDULE-CITY OF CHICAGO**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
Trees								
SR	6	2.5"	SYRINGIA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	B&B	20-30' HT	See Plans	

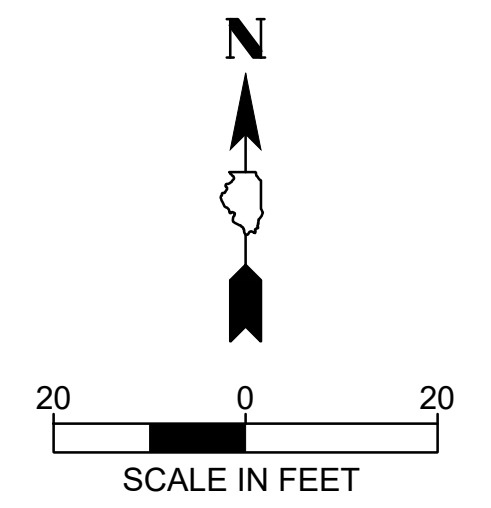
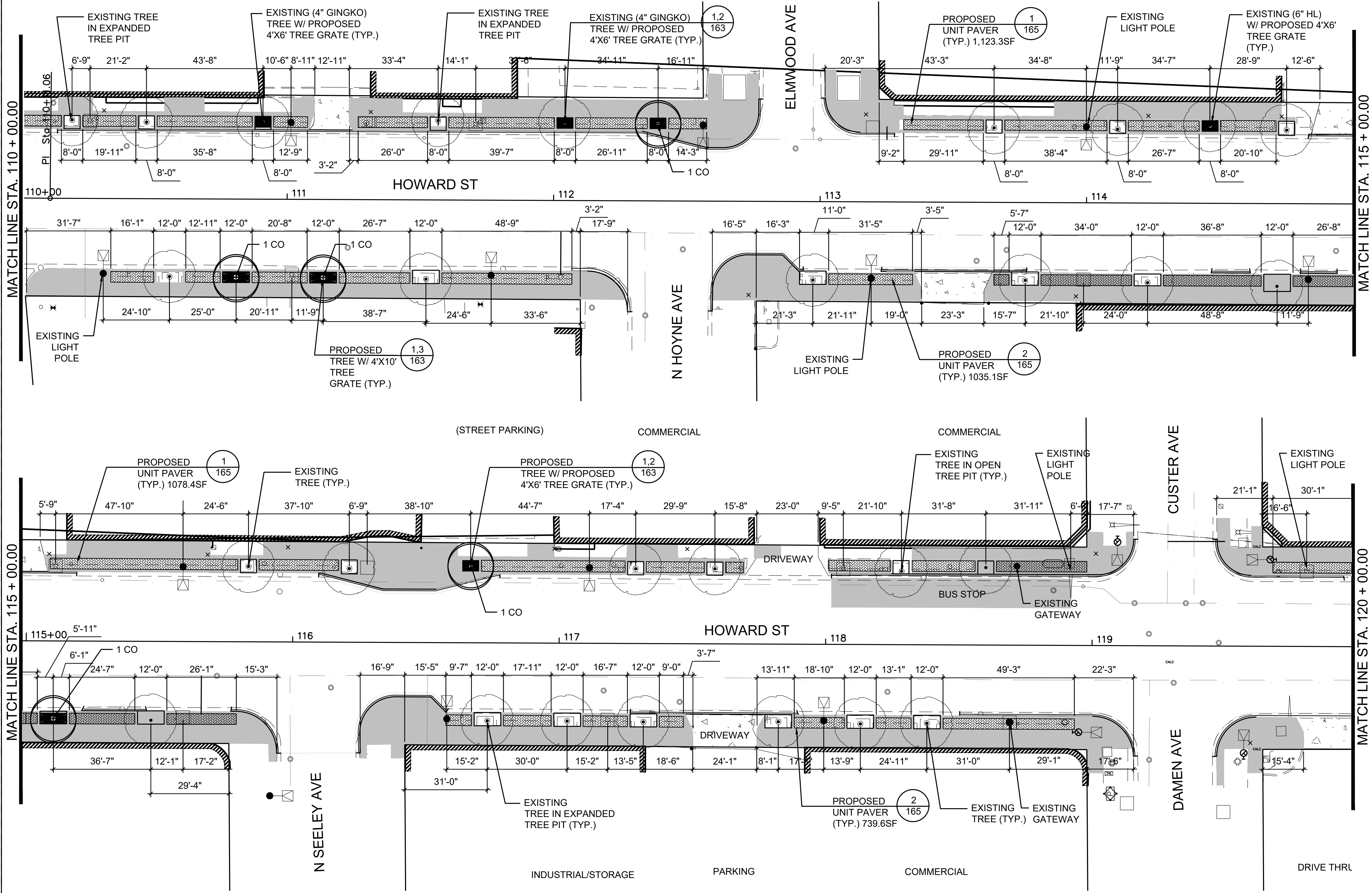
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	PLOT DATE = 12.20.2019	DATE --	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
LANDSCAPE PLAN

SCALE: 1" = 20'-0" SHEET 157 OF 270 SHEETS STA. 100 + 00.00 TO STA. 110 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	157
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON) TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO) TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6' WITH 3" DEPTH OF 1" BLACK LAVA ROCK)
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY (QTY: 4 IN CITY OF EVANSTON) (QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE (SEE ELEC.)
  - EXISTING LIGHTPOLE (SEE ELEC.)

**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
 LOCATIONS OF BENCHES, BIKE RACKS, TRASH RECEPTACLES AND GATEWAYS SHALL BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  
 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

**STA 110+00.00 TO STA. 120+00.00 PLANT SCHEDULE-CITY OF EVANSTON**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
Trees								
CO	2	2.5"	CELIS OCCIDENTALIS	HACKBERRY	B&B	50' HT	See Plans	

**STA 110+00.00 TO STA. 120+00.00 PLANT SCHEDULE-CITY OF CHICAGO**

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Mature Height	Spacing	Comments
Trees								
CO	3	2.5"	CELIS OCCIDENTALIS	HACKBERRY	B&B	50' HT	See Plans	

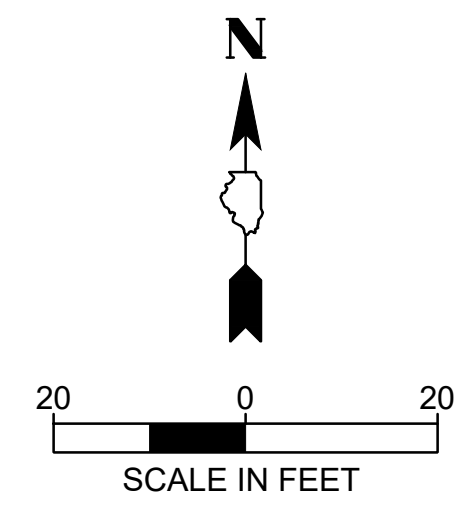
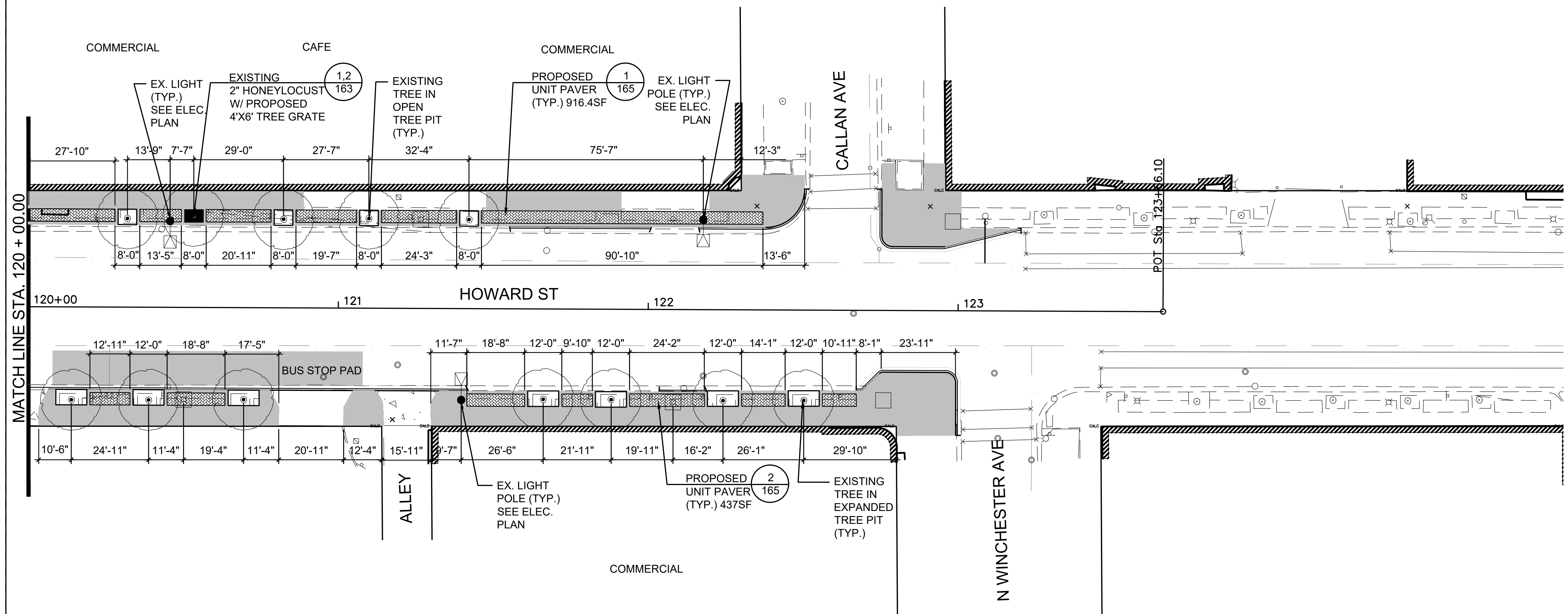
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\$MODELNAME\$	PLOT SCALE = 1" = 20'-0"	CHECKED - JB	REVISED -
	PLOT DATE = 12.20.2019	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 LANDSCAPE PLAN

SCALE: 1" = 20'-0" SHEET 158 OF 270 SHEETS STA. 110 + 00.00 TO STA. 120 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	158
ILLINOIS FED. AID PROJECT				



- LEGEND**
- EXISTING TREE TO REMAIN  
SEE PRESERVATION, REMOVAL & RELOCATION PLAN
  - RELOCATED TREE
  - PROPOSED TREE
  - 4'X6' CAST IRON (CITY OF EVANSTON)  
TREE GRATE W/ CONCRETE BAND
  - 4'X10' CAST IRON (CITY OF CHICAGO)  
TREE GRATE W/ CONCRETE BAND
  - EXPANDED TREE PIT (5'X10' OR 5'X6'  
WITH 3" DEPTH OF 1" BLACK LAVA ROCK
  - PROPOSED UNIT PAVERS
  - NEW CONCRETE (SEE ENG.)
  - PROPOSED GATEWAY  
(QTY: 4 IN CITY OF EVANSTON)  
(QTY: 4 IN CITY OF CHICAGO)
  - PROPOSED LIGHTPOLE  
(SEE ELEC.)
  - EXISTING LIGHTPOLE  
(SEE ELEC.)

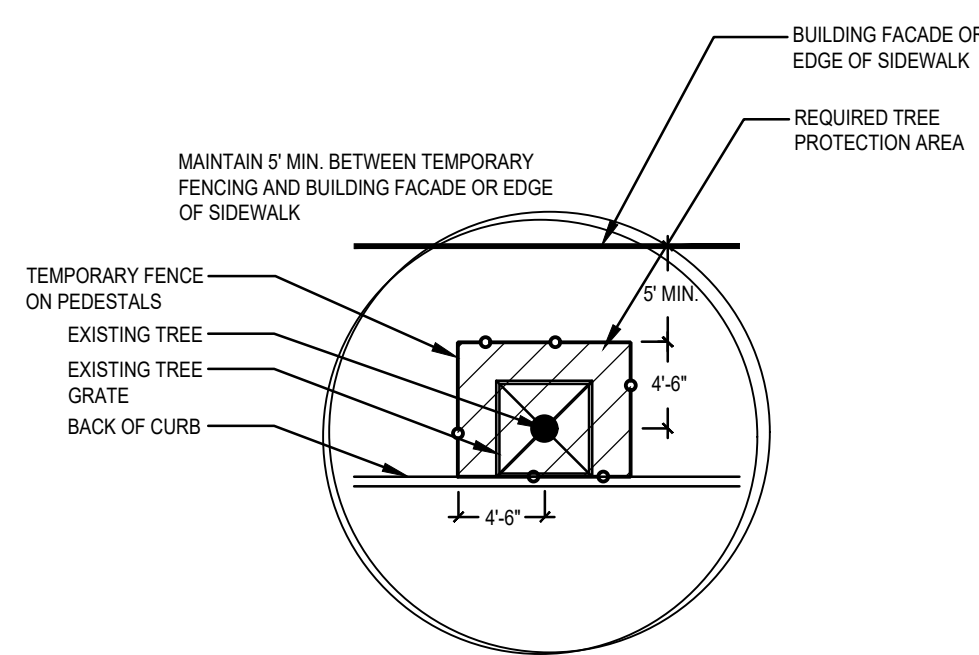
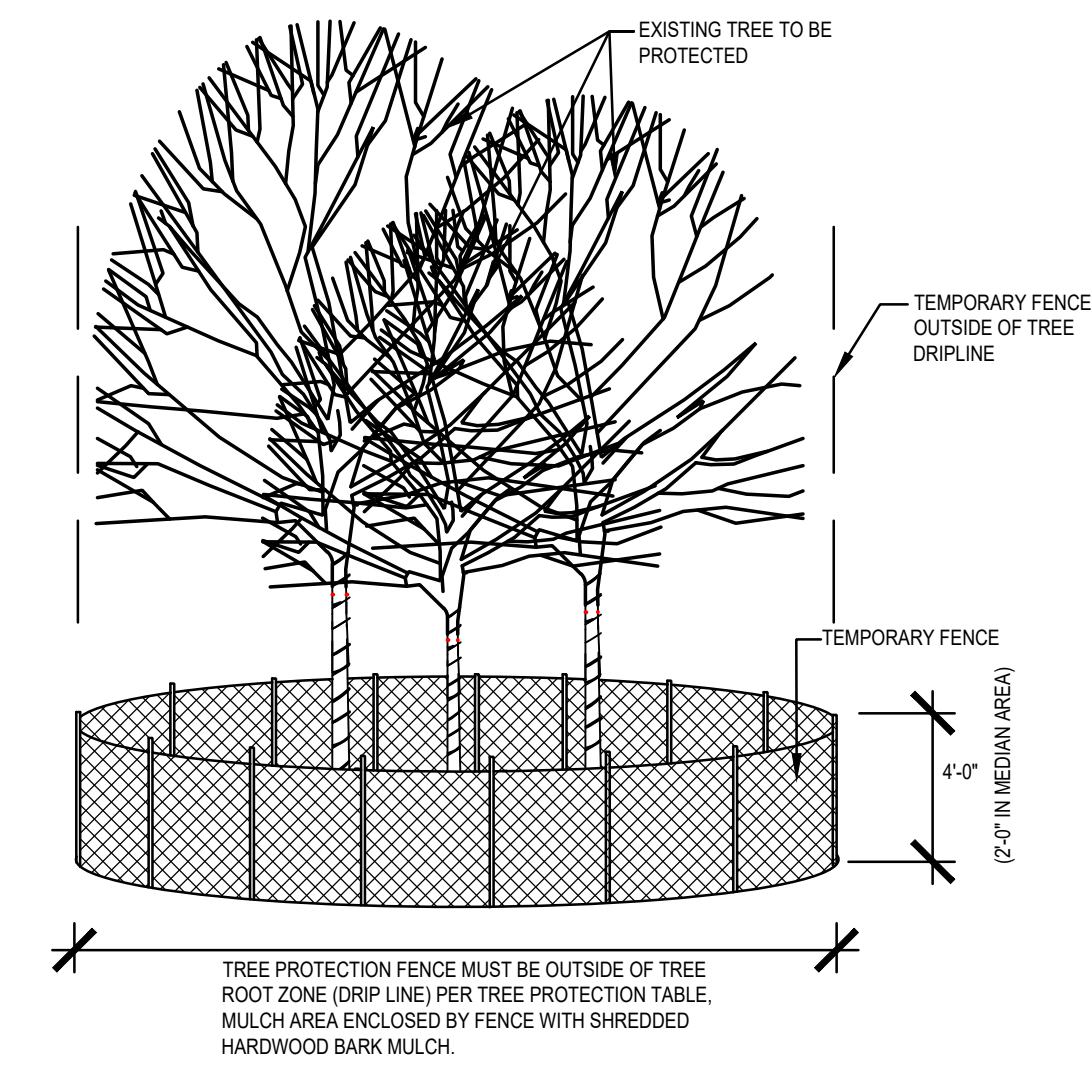
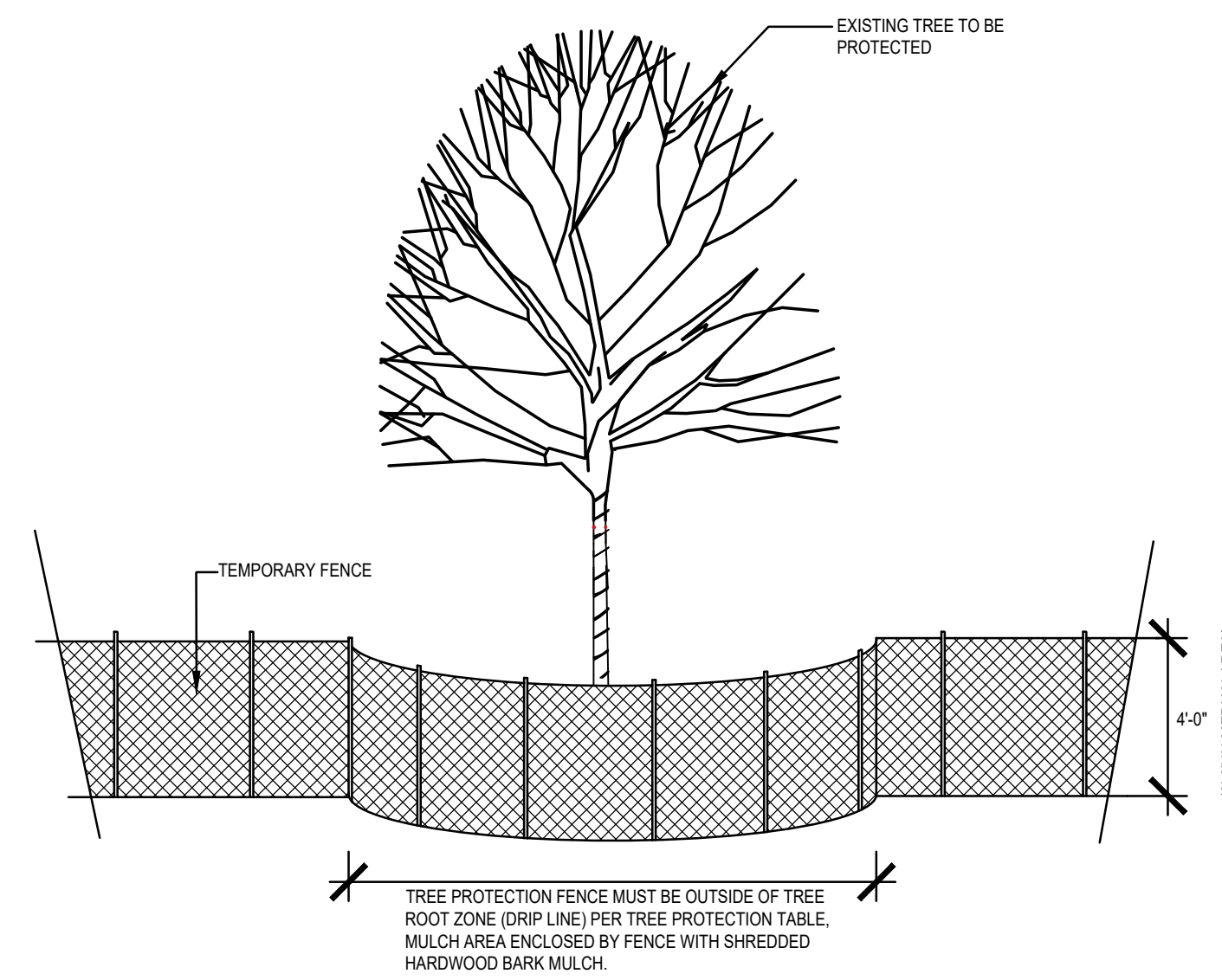
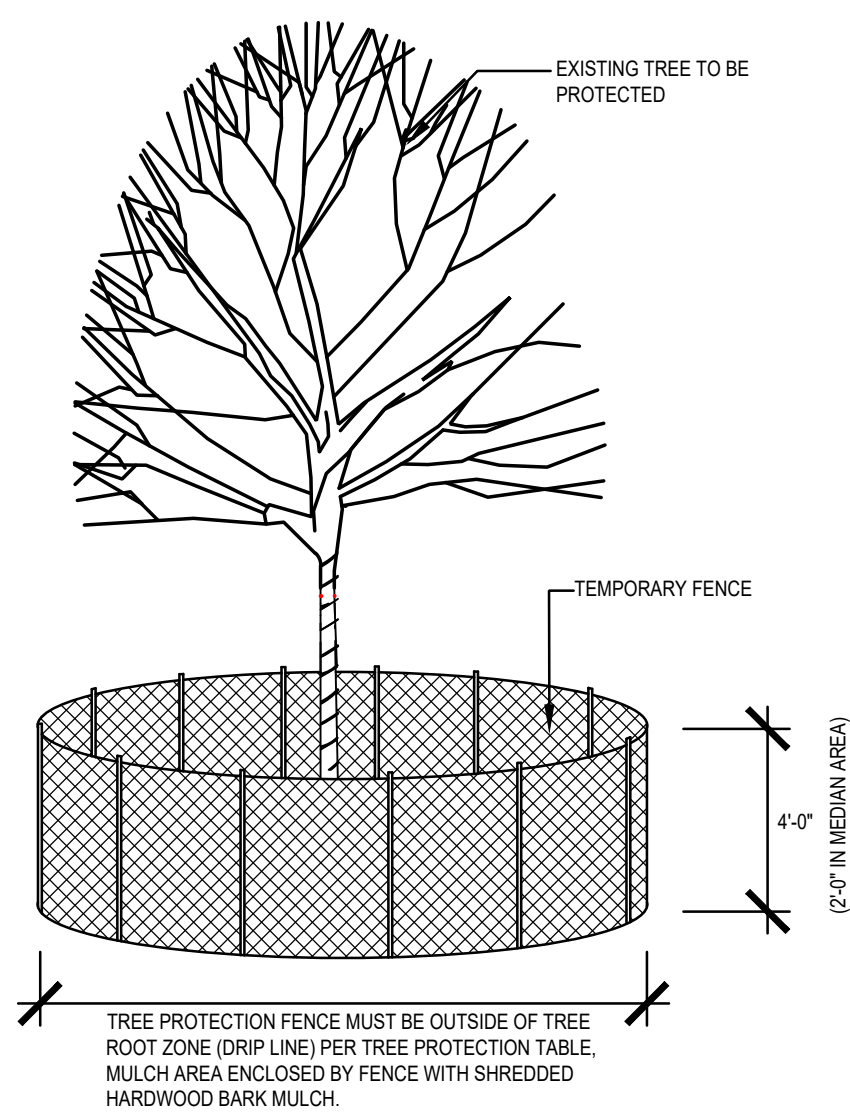
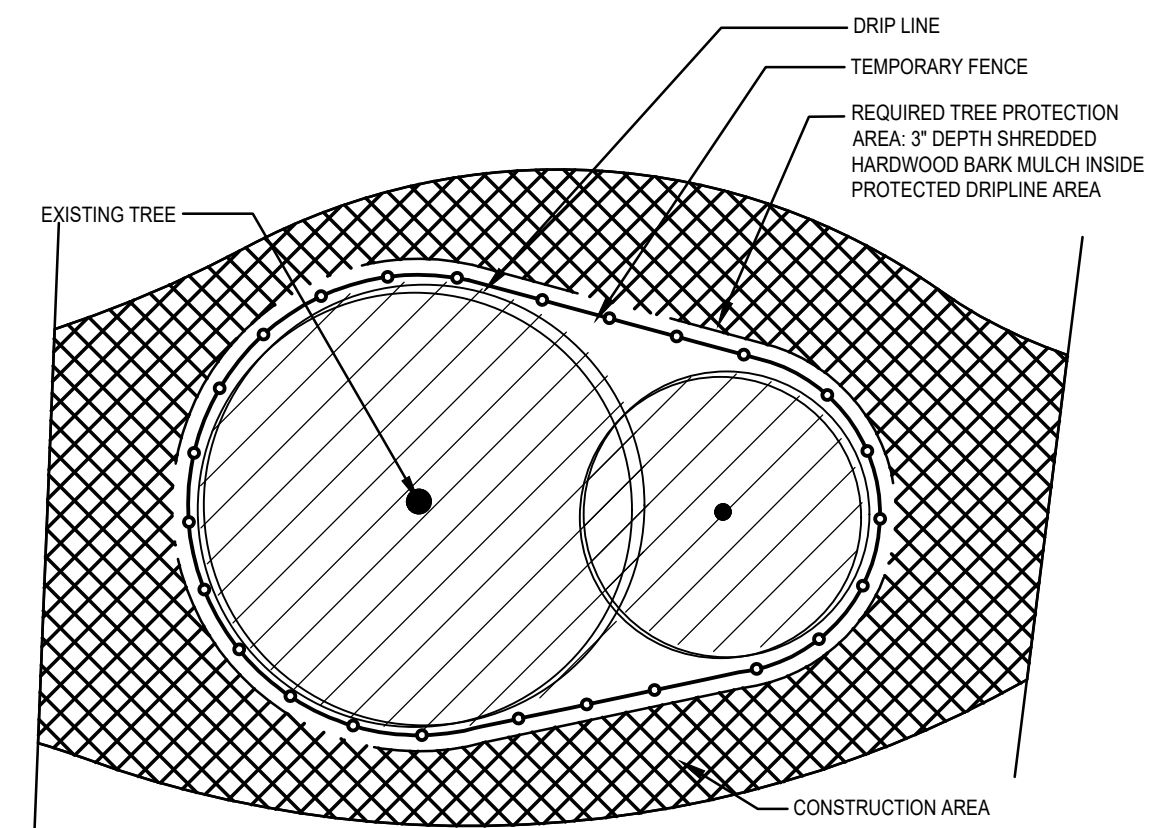
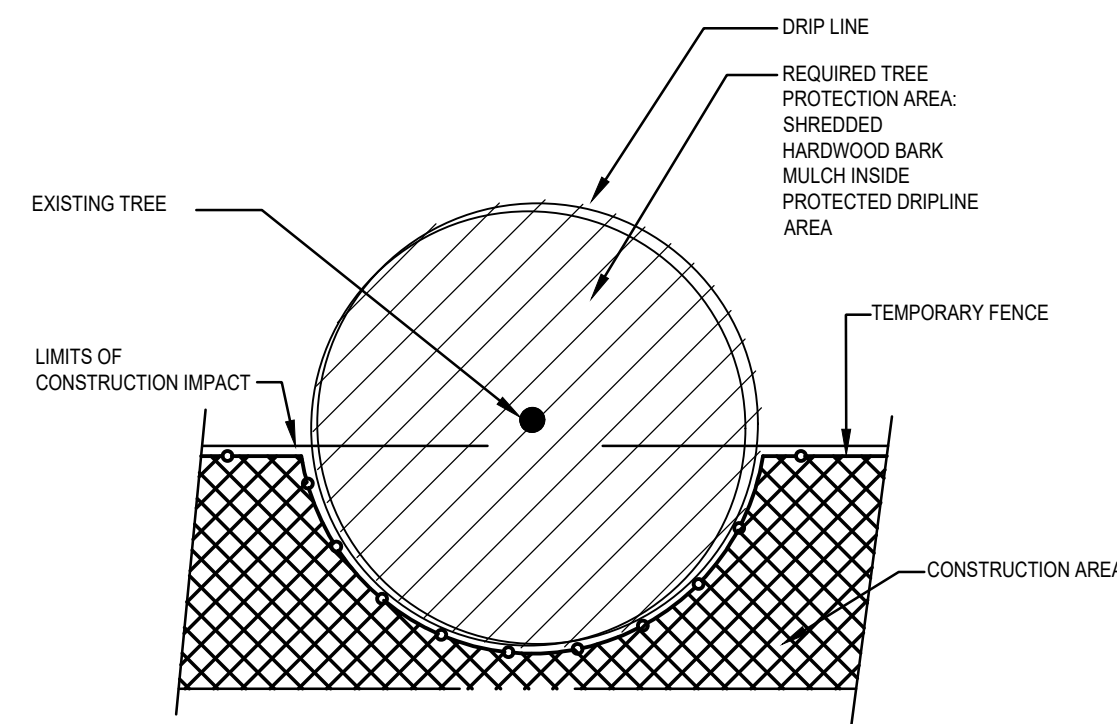
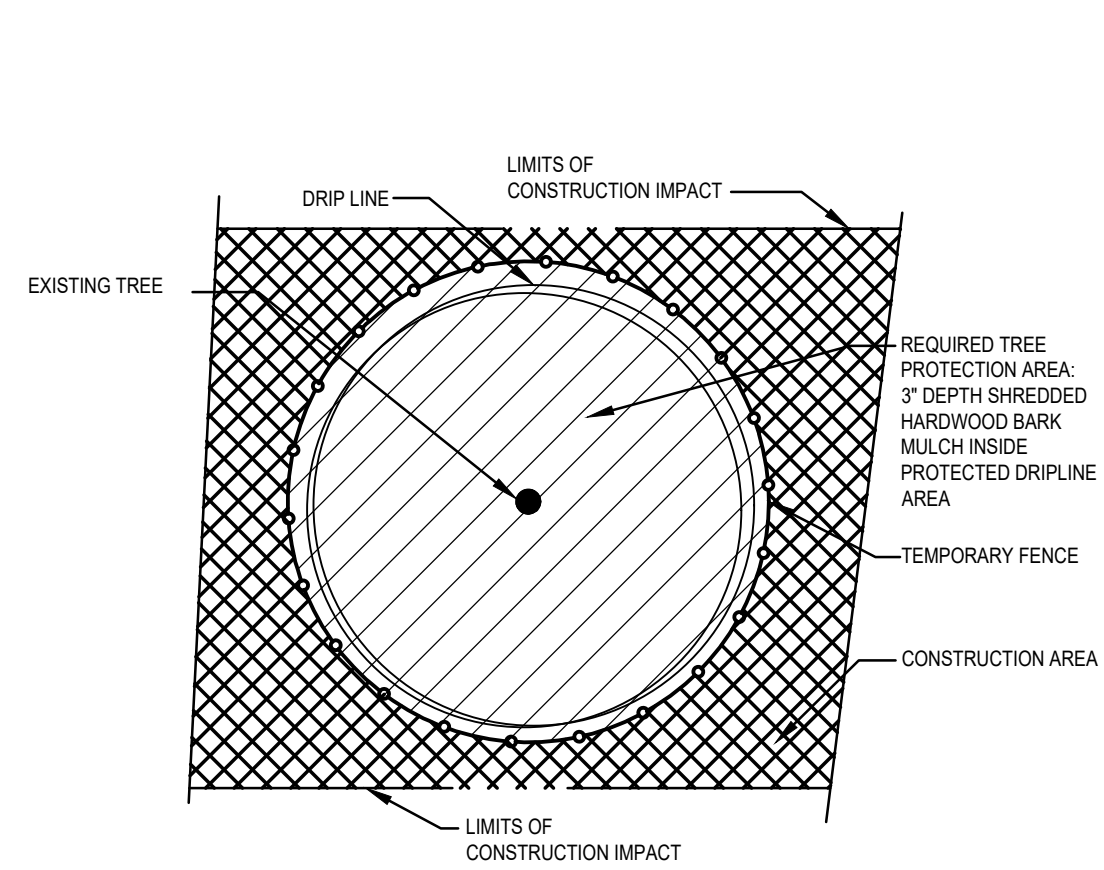
**NOTES:**  
 PROPOSED TREE GRATES TO BE 4'X6' IN CITY OF EVANSTON.  
 PROPOSED TREE GRATES TO BE 4'X10' IN CITY OF CHICAGO  
 LOCATIONS OF BENCHES, BIKE RACKS, TRASH RECEPTACLES AND GATEWAYS SHALL BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.  
 SEE CIVIL DRAWINGS FOR GATEWAY DETAIL. FINAL LOCATION TO BE VERIFIED IN FIELD BY FIELD ENGINEER, OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

FILE NAME =	USER NAME =	DESIGNED — JB	REVISED —
\$FILELS		DRAWN — JC	REVISED —
	PLOT SCALE = 1"=20'-0"	CHECKED — JB	REVISED —
SMODELNAME\$	PLOT DATE = 12.20.2019	DATE —	REVISED —

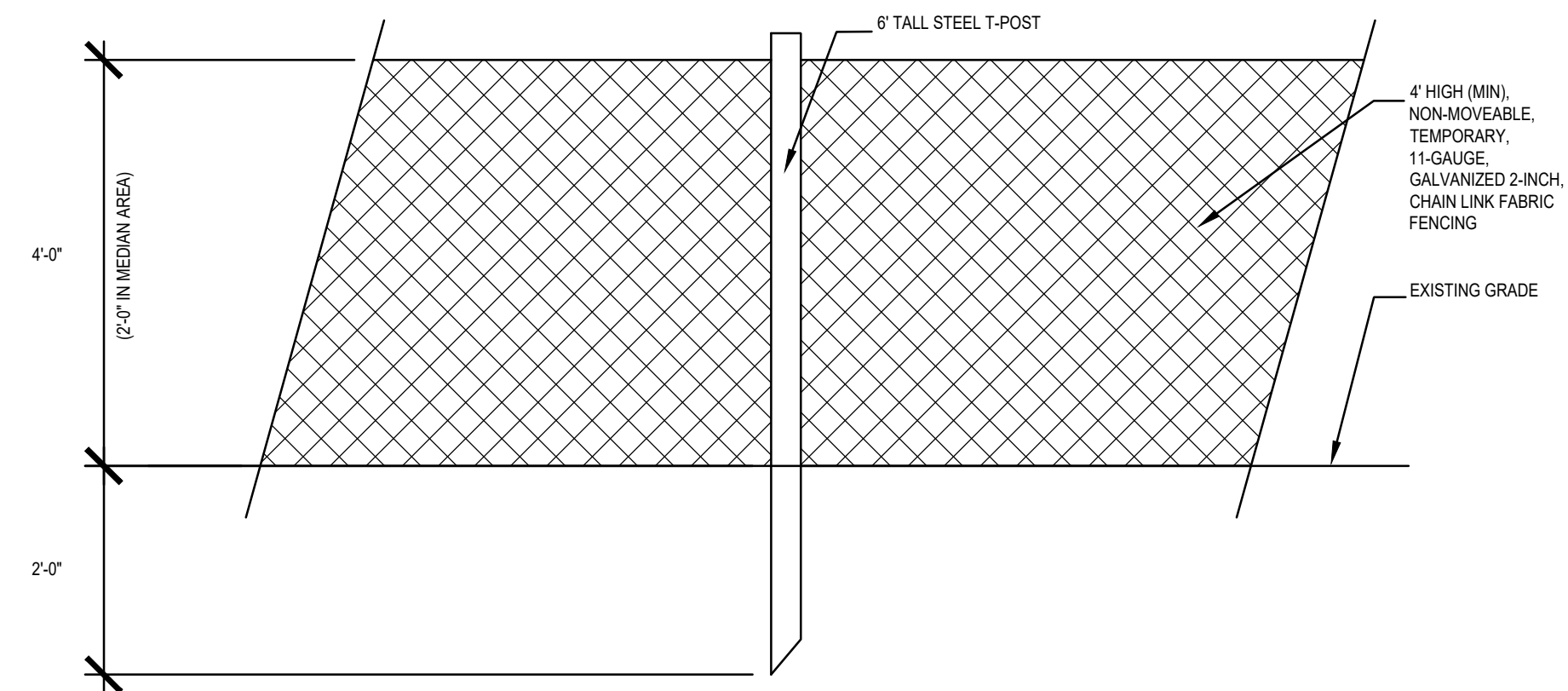
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
 LANDSCAPE PLAN  
 SCALE: 1" = 20'-0" SHEET 159 OF 270 SHEETS STA. 120 + 00.00 TO STA. 123 + 66.10

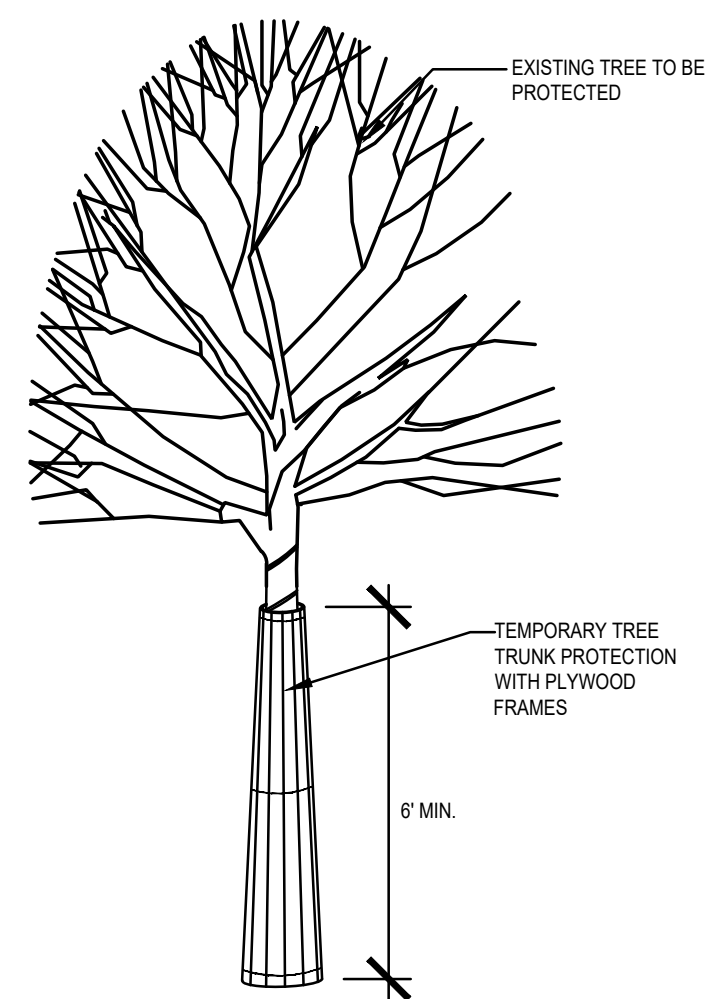
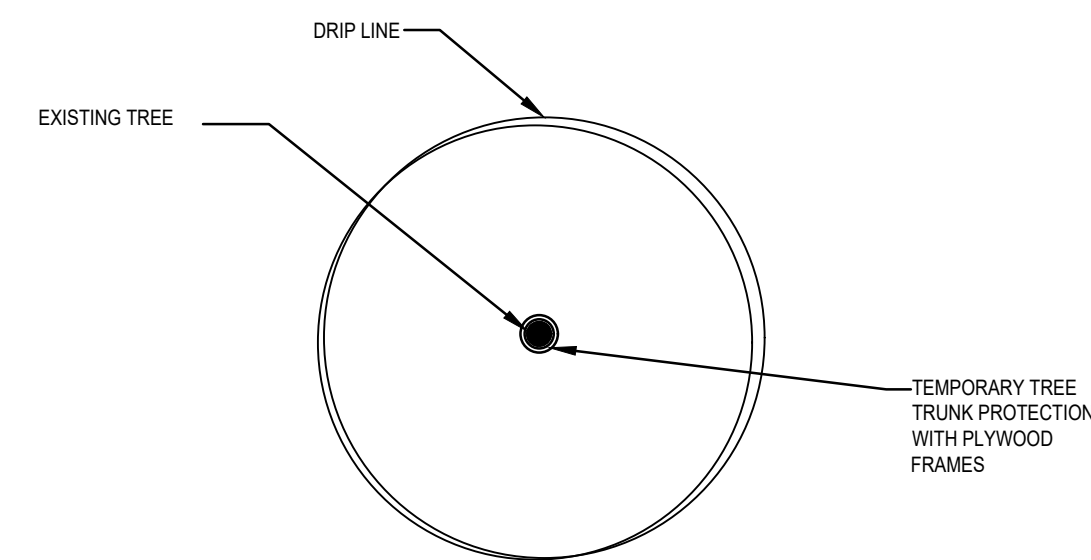
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	159
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



TREE PROTECTION	MEASURED TREE CALIPER	RADIUS OF TREE PROTECTION FENCE AT EDGE OF DRIP LINE	MULCH RADIUS UNDER ENTIRE DRIP LINE
PROTECTED PARK AREA	VARIES	NONE. TREE PROTECTED BY TEMPORARY FENCE AT PROTECTION LIMITS	NONE
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	0 CM - 20.3 CM (0-8")	MINIMUM 2.44M (8') OR AS APPROVED BY ENGINEER	YES
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	>20.3 CM-63.5 CM (>8"-25")	0.3048M (1') RADIUS FENCE FOR EACH 2.54CM (1") CALIPER OR AS APPROVED BY ENGINEER	YES
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	>63.5 CM (>25")	MINIMUM 2.44 (8') OR AS APPROVED BY ENGINEER	YES
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	0 CM - 20.3 CM (0-8")	MINIMUM 2.44M (8') OR AS APPROVED BY ENGINEER	YES
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	>20.3 CM-63.5 CM (>8"-25")	0.3048M (1') RADIUS FENCE FOR EACH 2.54CM (1") CALIPER OR AS APPROVED BY ENGINEER	YES
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	>63.5 CM (>25")	MINIMUM 2.44 (8') OR AS APPROVED BY ENGINEER	YES

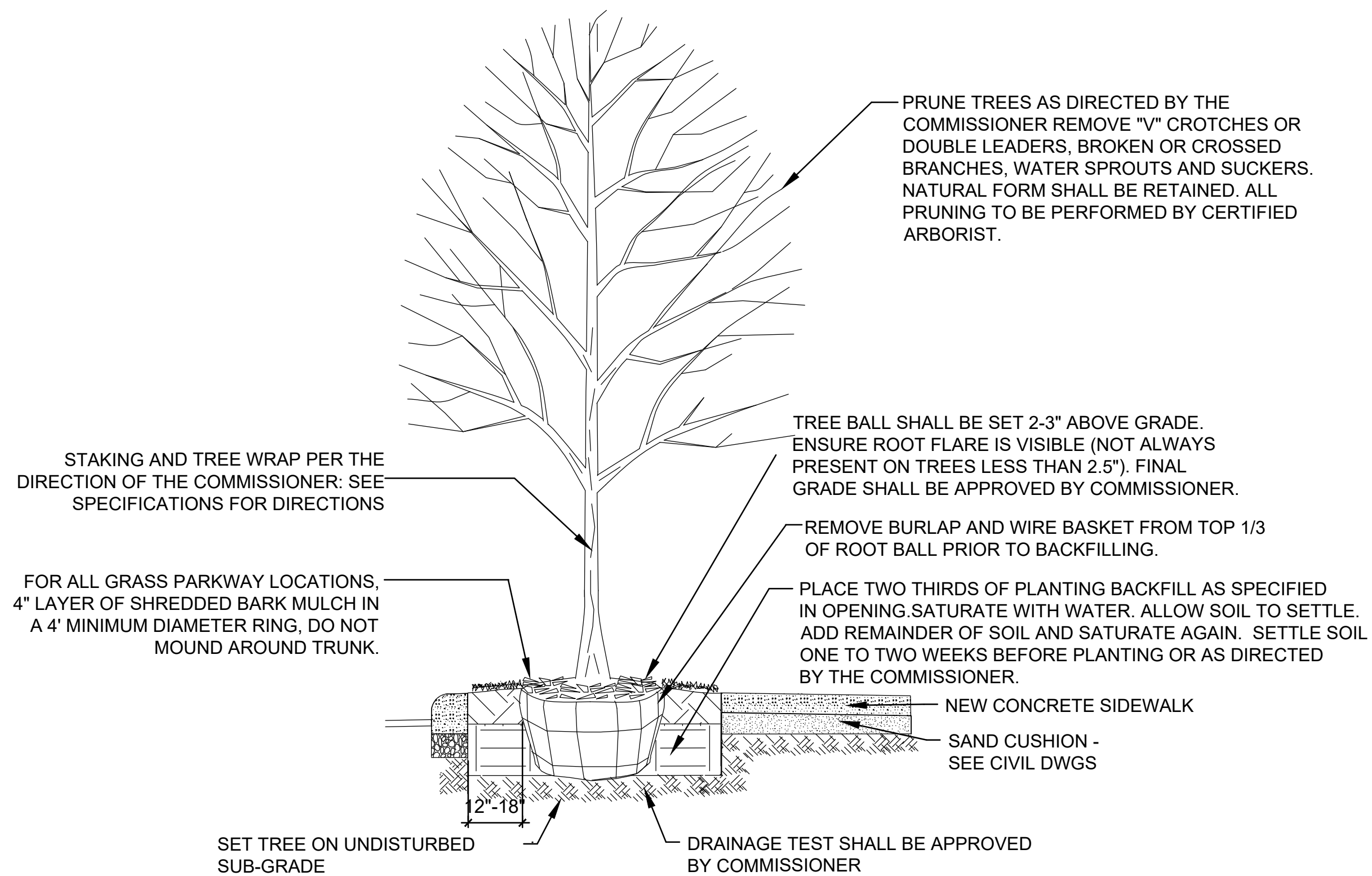


1 TREE PROTECTION AND PRESERVATION (CITY OF CHICAGO)  
NTS



TREE TRUNK PROTECTION MUST BE AROUND THE TREE.

**1** TREE TRUNK PROTECTION (CITY OF EVANSTON)  
NTS



**2** PARKWAY TREE PLANTING DETAIL  
1/2" = 1'-0"

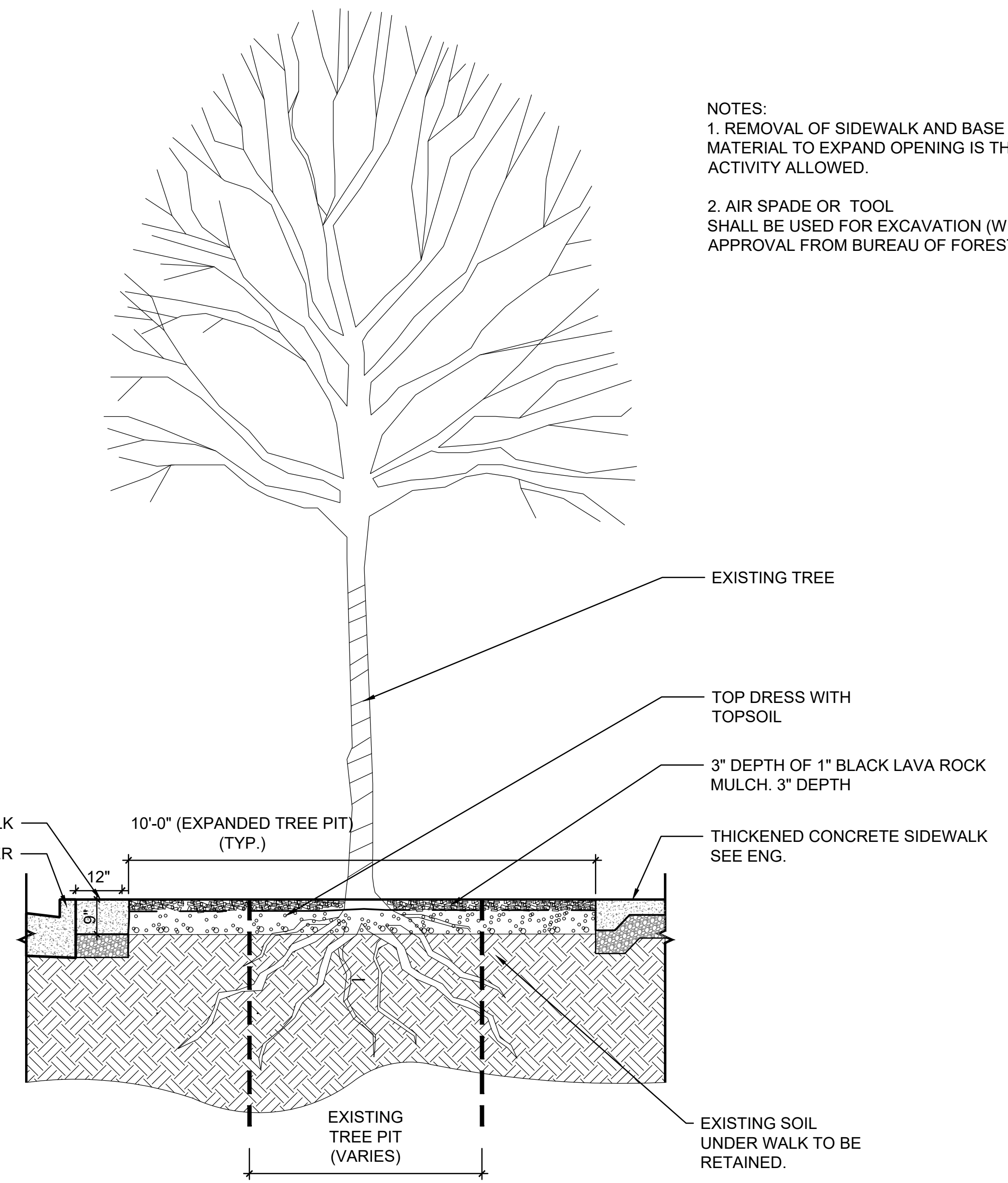
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\$FILEL\$		DRAWN — JC	REVISED —
\$MODELNAME\$	PLOT SCALE = SHOWN	CHECKED — JB	REVISED —
	PLOT DATE = 11.22.2019	DATE —	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
TREE PROTECTION DETAILS

SCALE: SHEET 161 OF 270 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	161
CONTRACT NO. 61G30				
		ILLINOIS	FED. AID PROJECT	



NOTES:  
 1. REMOVAL OF SIDEWALK AND BASE MATERIAL TO EXPAND OPENING IS THE ONLY ACTIVITY ALLOWED.  
 2. AIR SPADE OR TOOL SHALL BE USED FOR EXCAVATION (WITH APPROVAL FROM BUREAU OF FORESTRY)

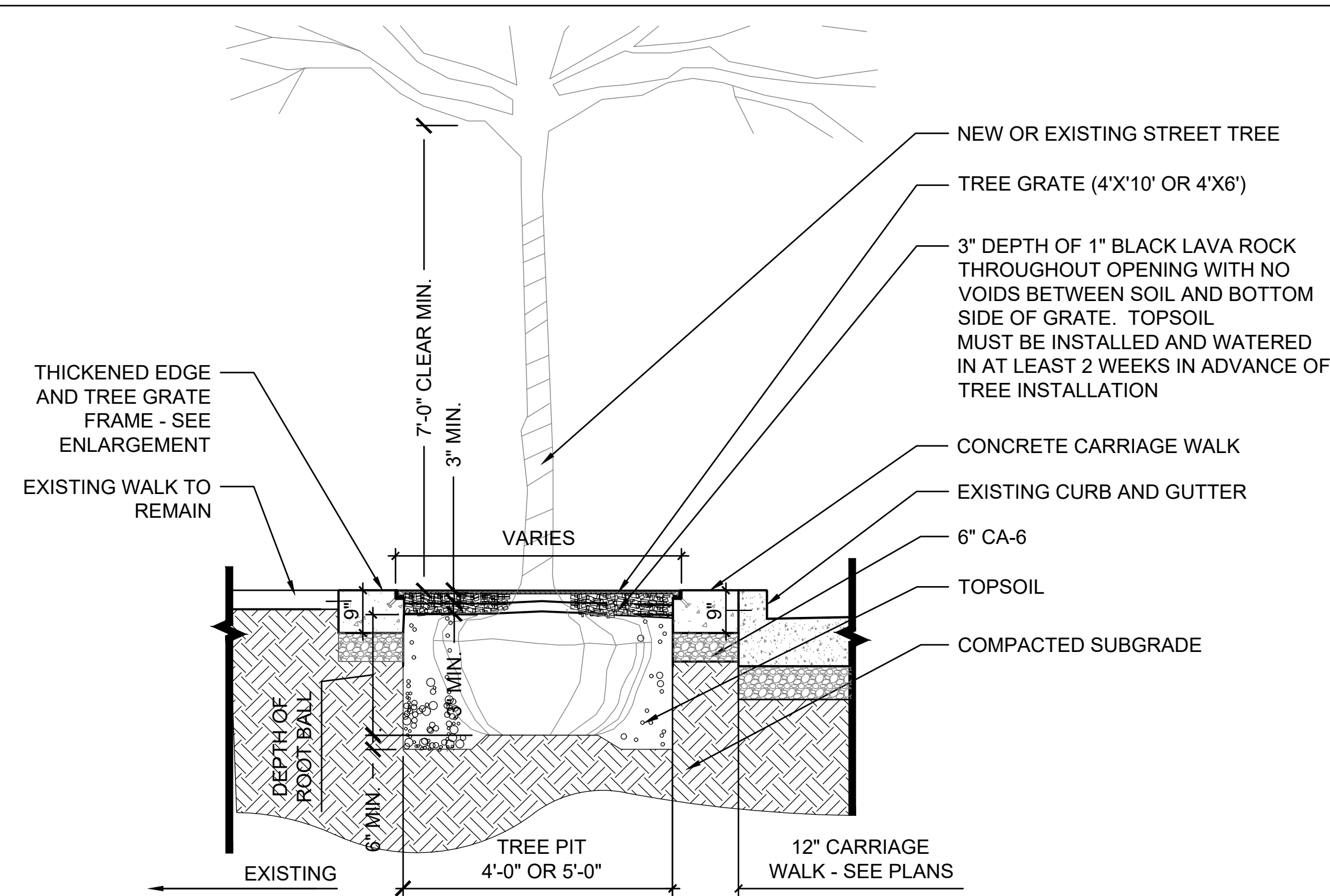
1 EXPANDED EXISTING TREE PIT DETAIL  
 1/2" = 1'-0"

FILE NAME =	USER NAME = \$USERS	DESIGNED — JB	REVISED —
\$FILEL\$		DRAWN — JC	REVISED —
	PLOT SCALE = SHOWN	CHECKED — JB	REVISED —
\$MODELNAME\$	PLOT DATE = 11.22.2019	DATE —	REVISED —

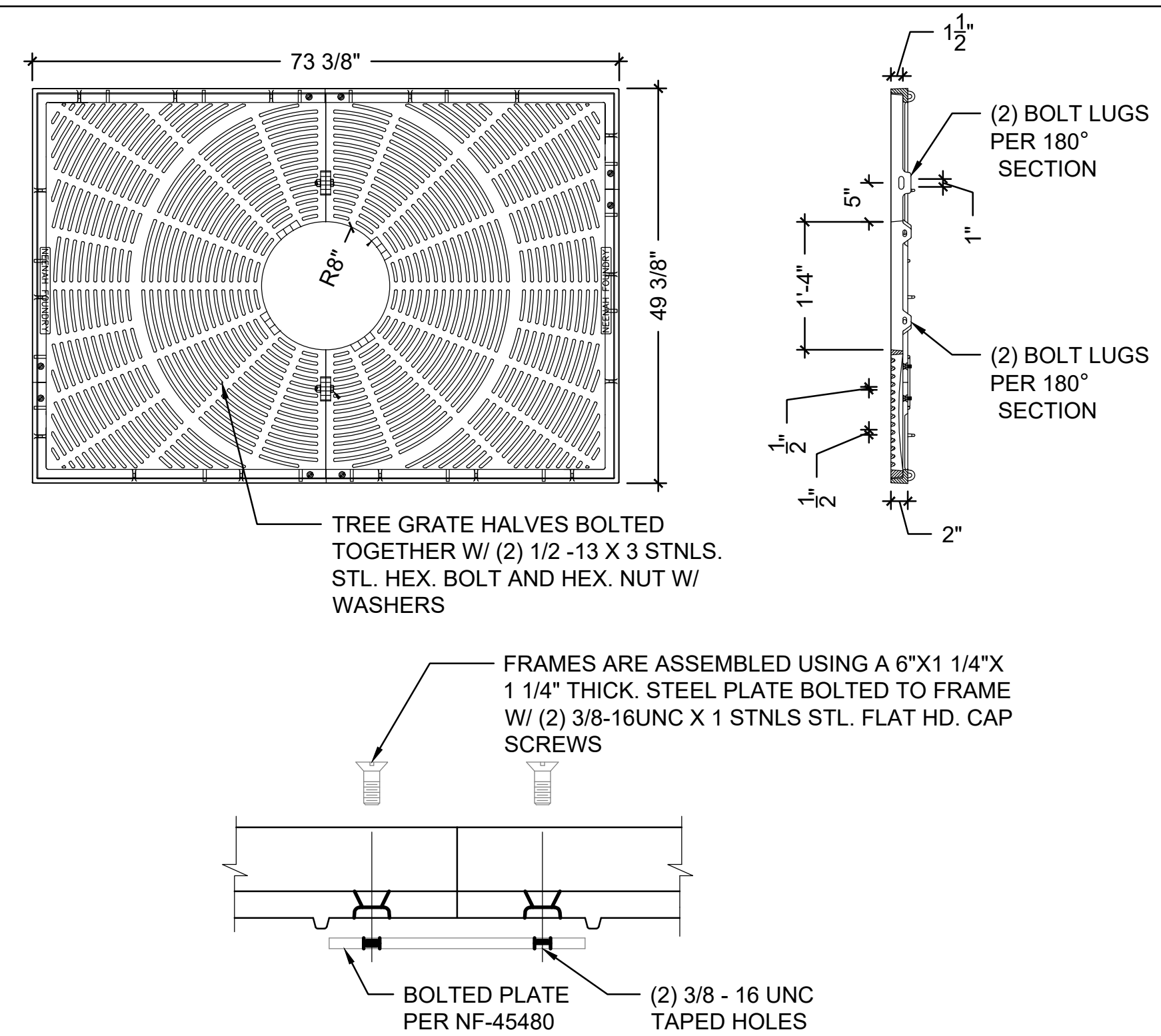
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 PLANTING DETAILS  
 SCALE: SHEET 162 OF 270 SHEETS STA. TO STA.

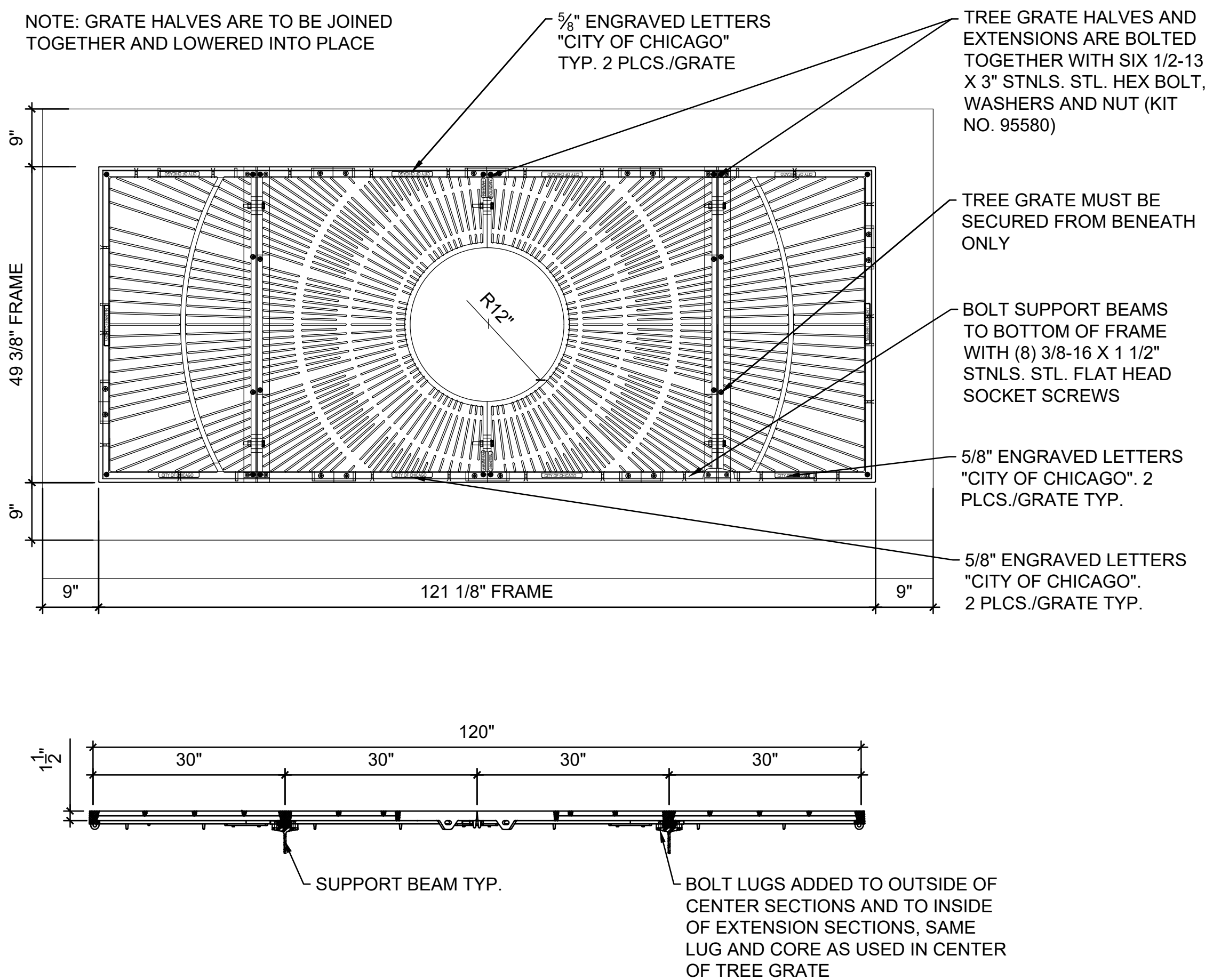
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	162
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



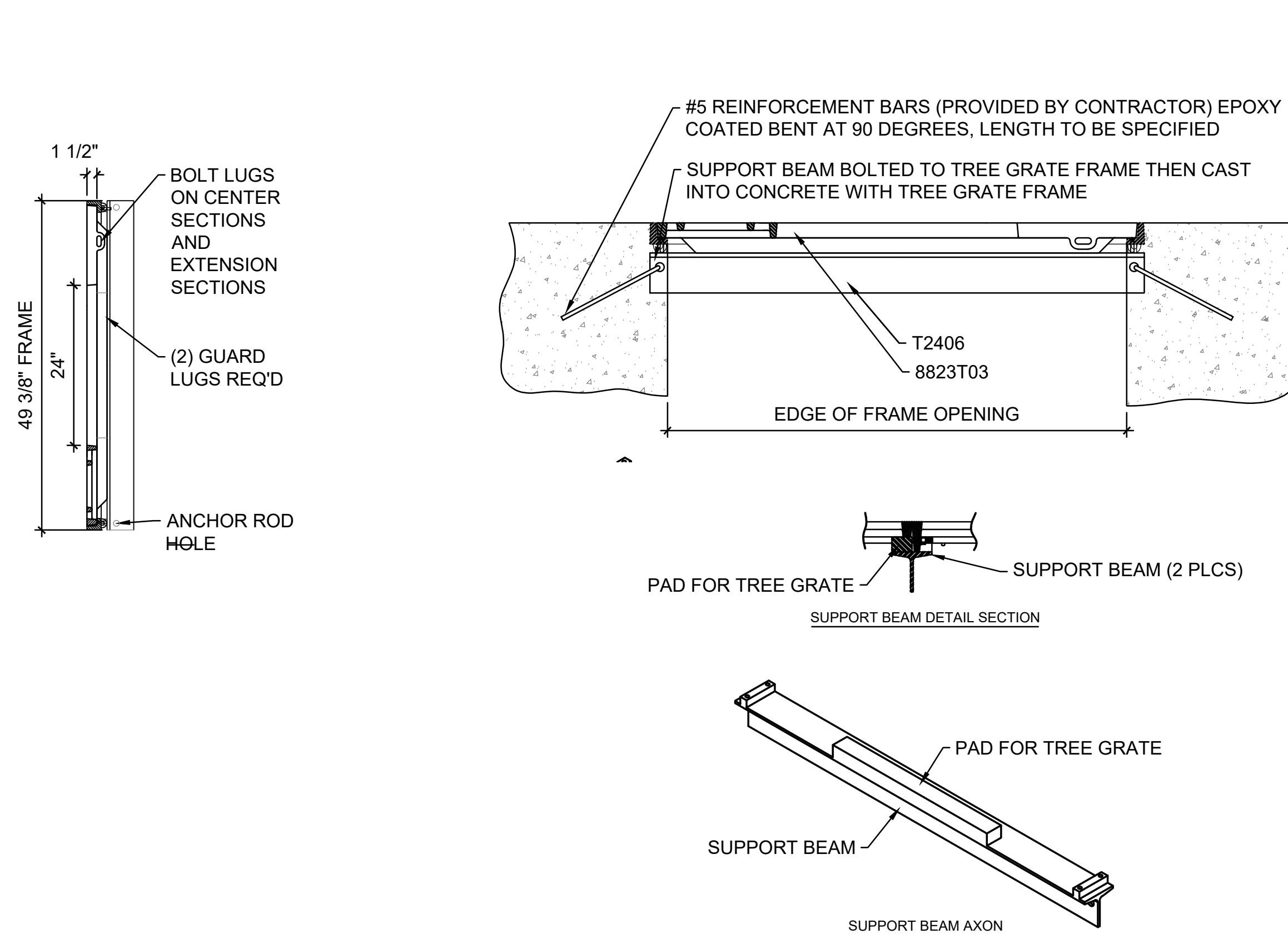
1 TREE PLANTING IN TREE GRATE - SECTION  
1/2" = 1'-0"



2 4X6 TREE GRATE AND FRAME (CITY OF EVANSTON)  
3/4" = 1'-0"



3 4X10 TREE GRATE AND FRAME (CITY OF CHICAGO)  
3/4" = 1'-0"



4 ENLARGEMENT  
3/4" = 1'-0"

FILE NAME =	USER NAME = \$USERS	DESIGNED - JB	REVISED -
\$FILEL\$		DRAWN - JC	REVISED -
	PLOT SCALE = SHOWN	CHECKED - JB	REVISED -
\$MODELNAME\$	PLOT DATE = 11.22.2019	DATE -	REVISED -

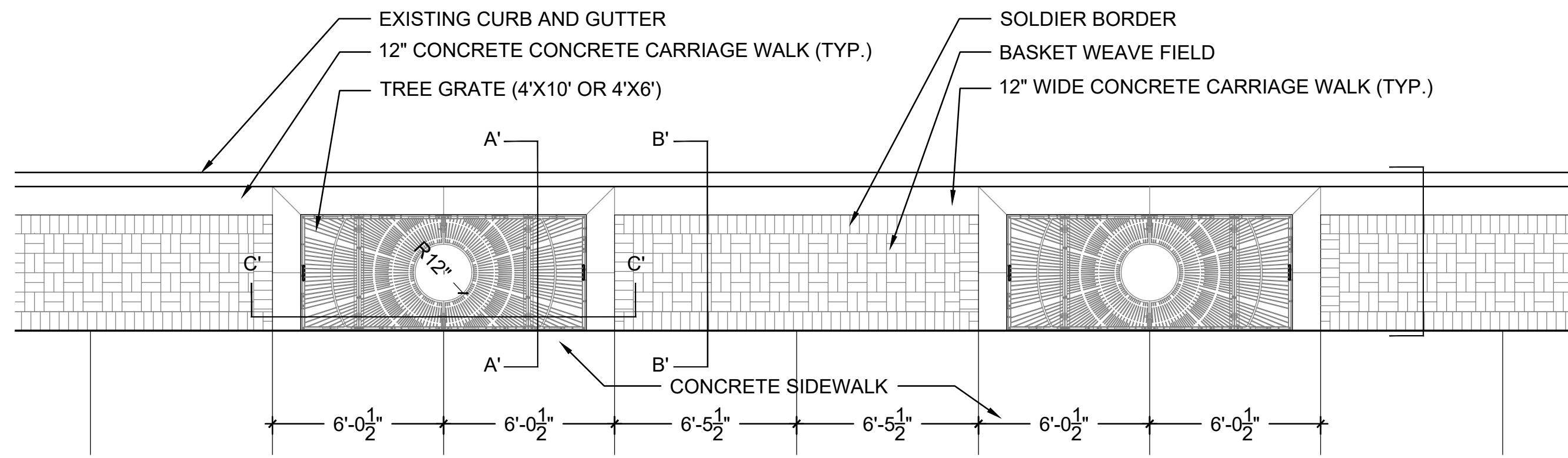
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
SITE DETAILS

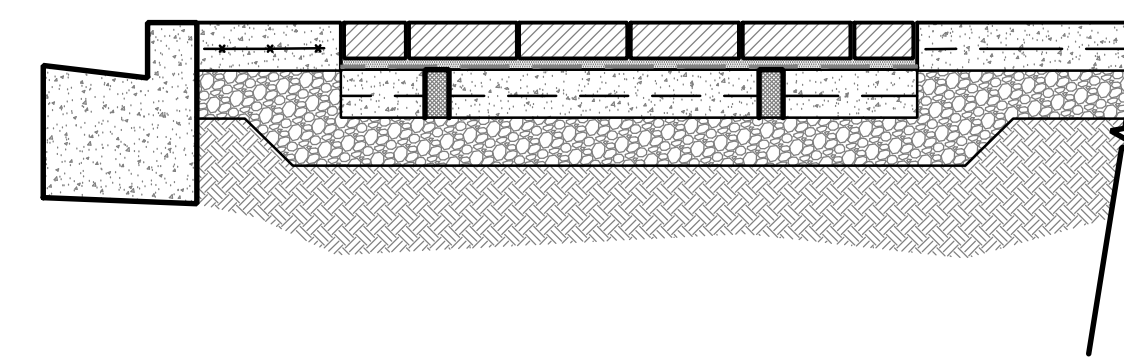
SCALE: SHEET 163 OF 270 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	163
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

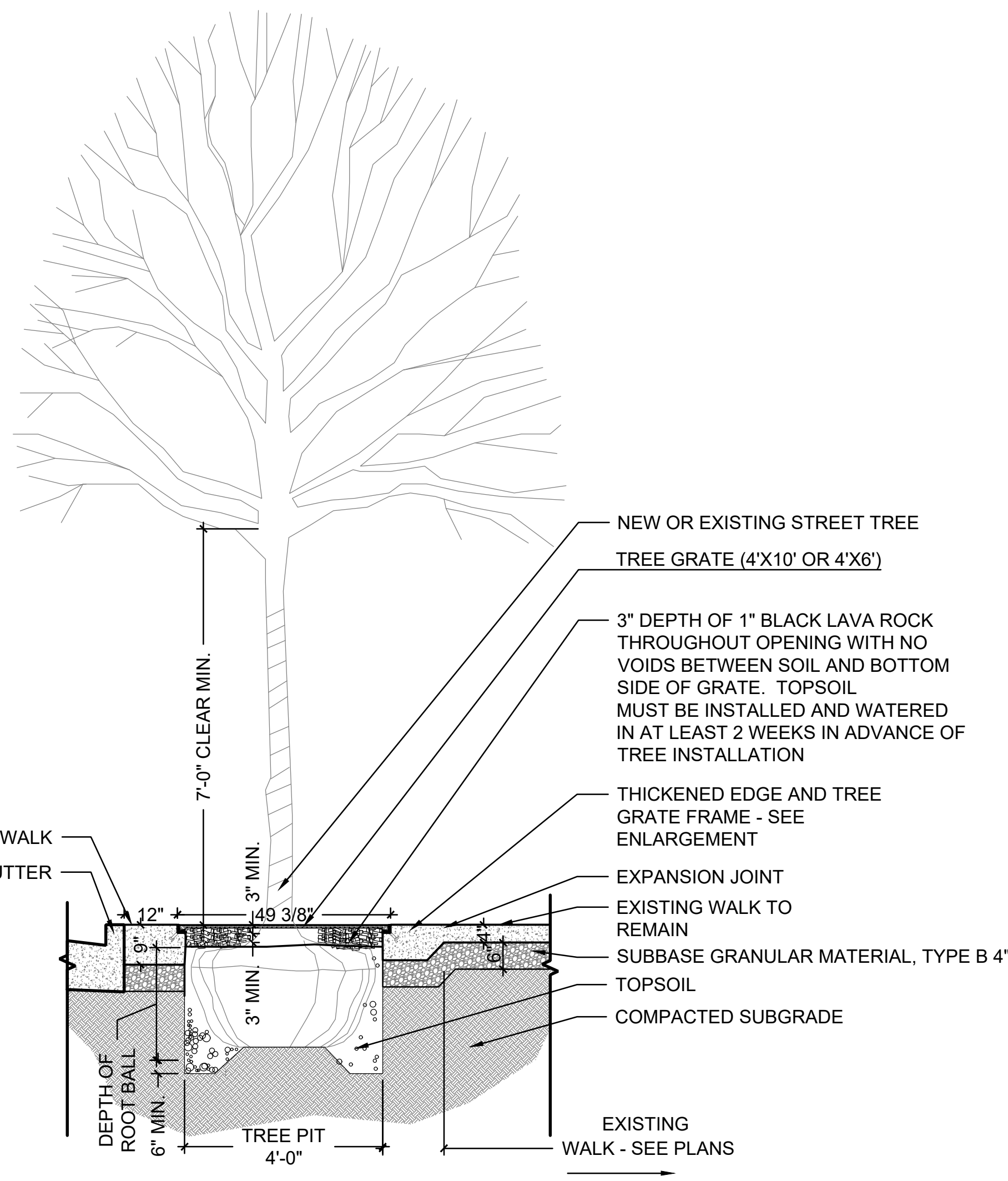
NOTES:  
 - GRATE HALVES ARE TO BE JOINED TOGETHER AND LOWERED INTO PLACE.  
 - TREE GRATE 4'X10' FOR CITY OF CHICAGO.  
 - TREE GRATE 4'X6' FOR CITY OF CHICAGO.



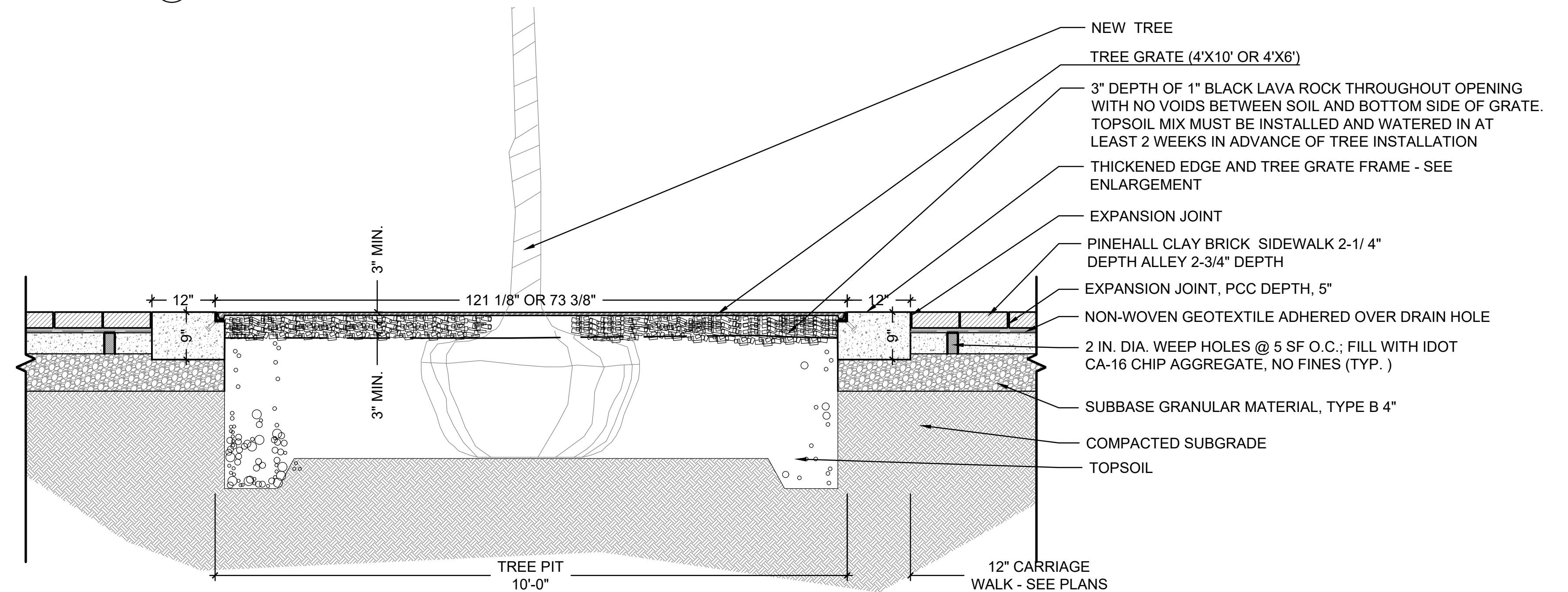
1 SECTION - PAVER PATTERN AND TREE GRATE (TYP.)  
 1/4" = 1'-0"



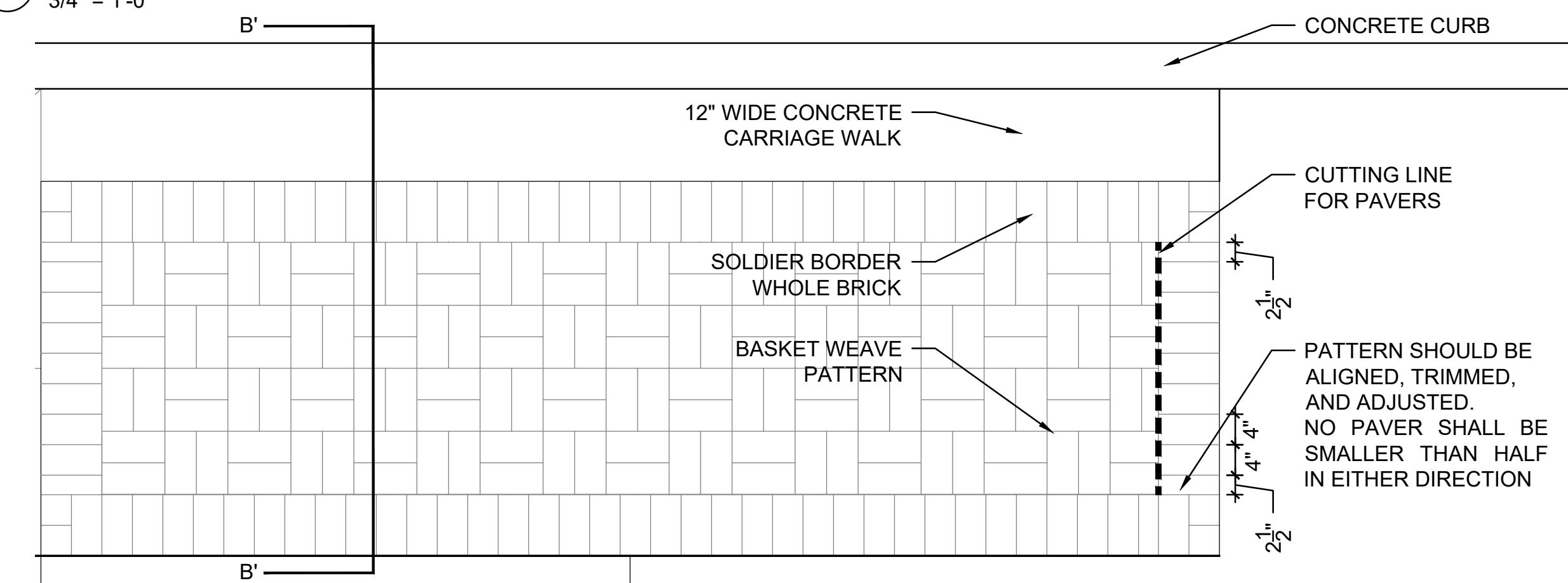
3 UNIT PAVERS AT PARKWAY SECTION B' - B' (TYP.)  
 3/4" = 1'-0"



2 SIDEWALK TREE SECTION A' - A' (TYP.)  
 1/2" = 1'-0"



4 PROPOSED SIDEWALK TREE SECTION C' - C' (TYP.)  
 3/4" = 1'-0"



5 UNIT PAVER PATTERN AT PARKWAY (TYP.)  
 3/4" = 1'-0"

FILE NAME =	USER NAME = \$USERS	DESIGNED - JB	REVISED -
\$FILEL\$		DRAWN - JC	REVISED -
	PLOT SCALE = SHOWN	CHECKED - JB	REVISED -
\$MODELNAME\$	PLOT DATE = 11.22.2019	DATE -	REVISED -

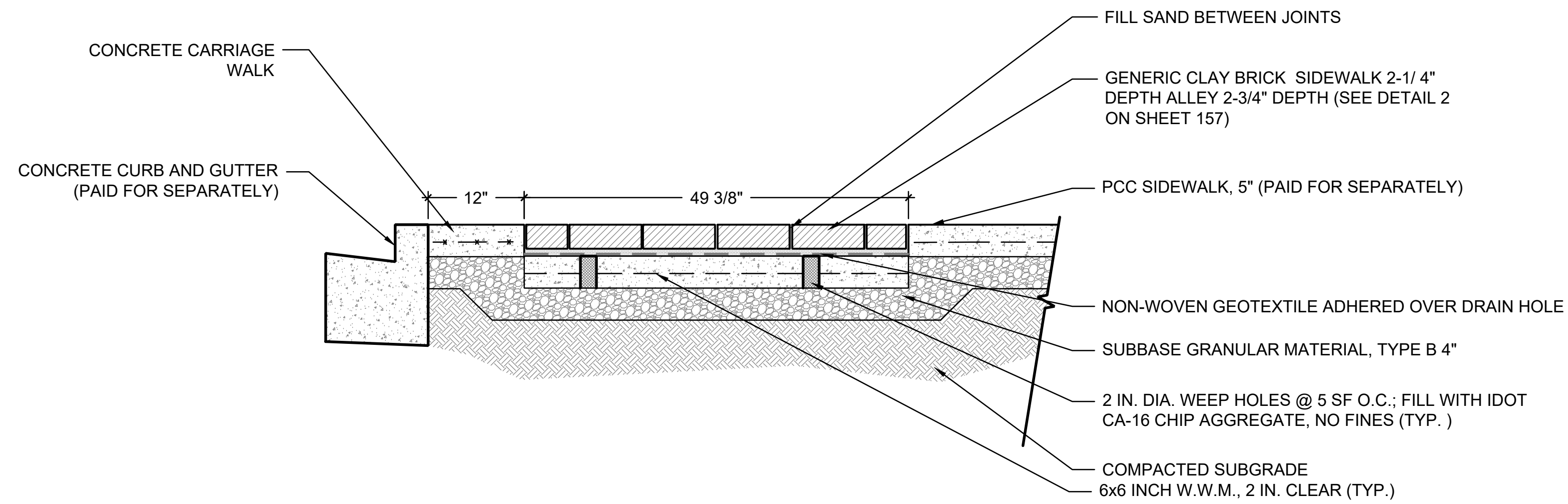
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
 SITE DETAILS

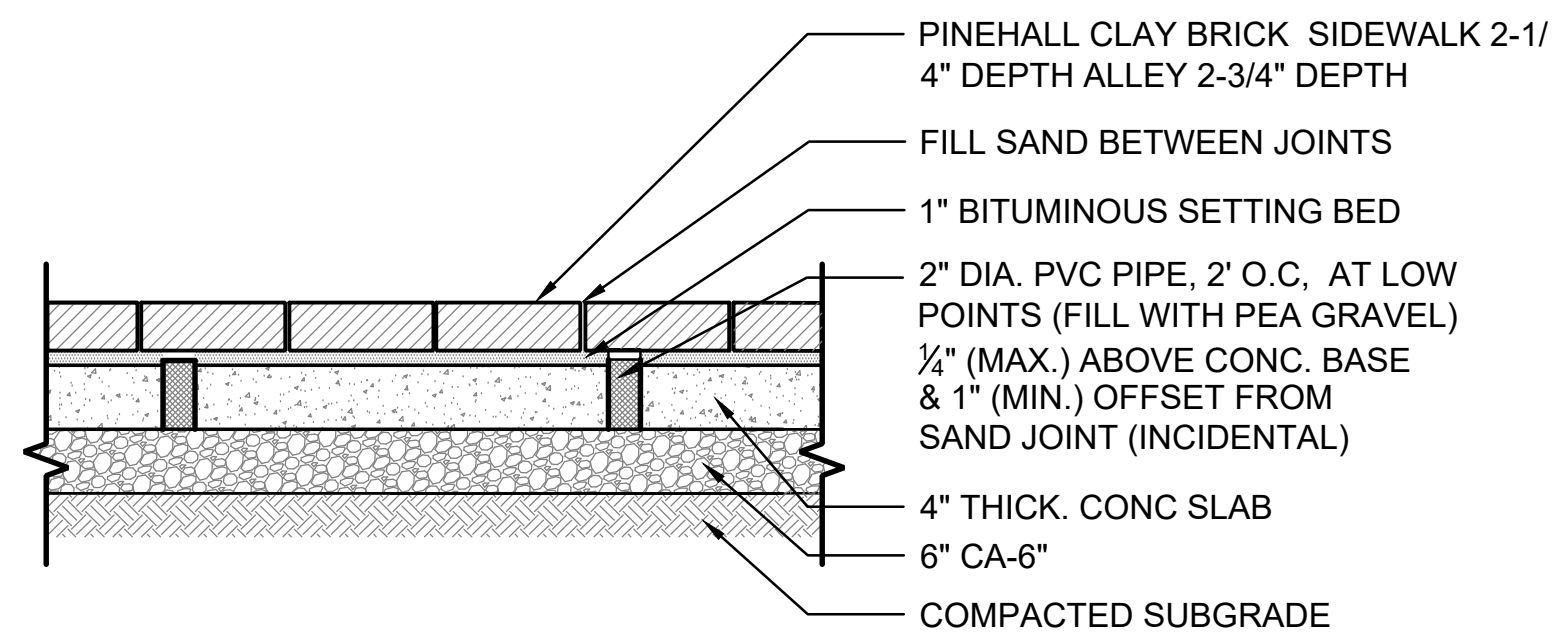
SCALE: SHEET 164 OF 270 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	164
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				





① UNIT PAVER (CITY OF EVANSTON)  
1" = 1'-0"



② UNIT PAVER (CITY OF CHICAGO)  
1" = 1'-0"

FILE NAME =	USER NAME = \$USERS	DESIGNED — JB	REVISED —
\$FILEL\$		DRAWN — JC	REVISED —
\$MODELNAME\$	PLOT SCALE = SHOWN	CHECKED — JB	REVISED —
	PLOT DATE = 11.22.2019	DATE —	REVISED —

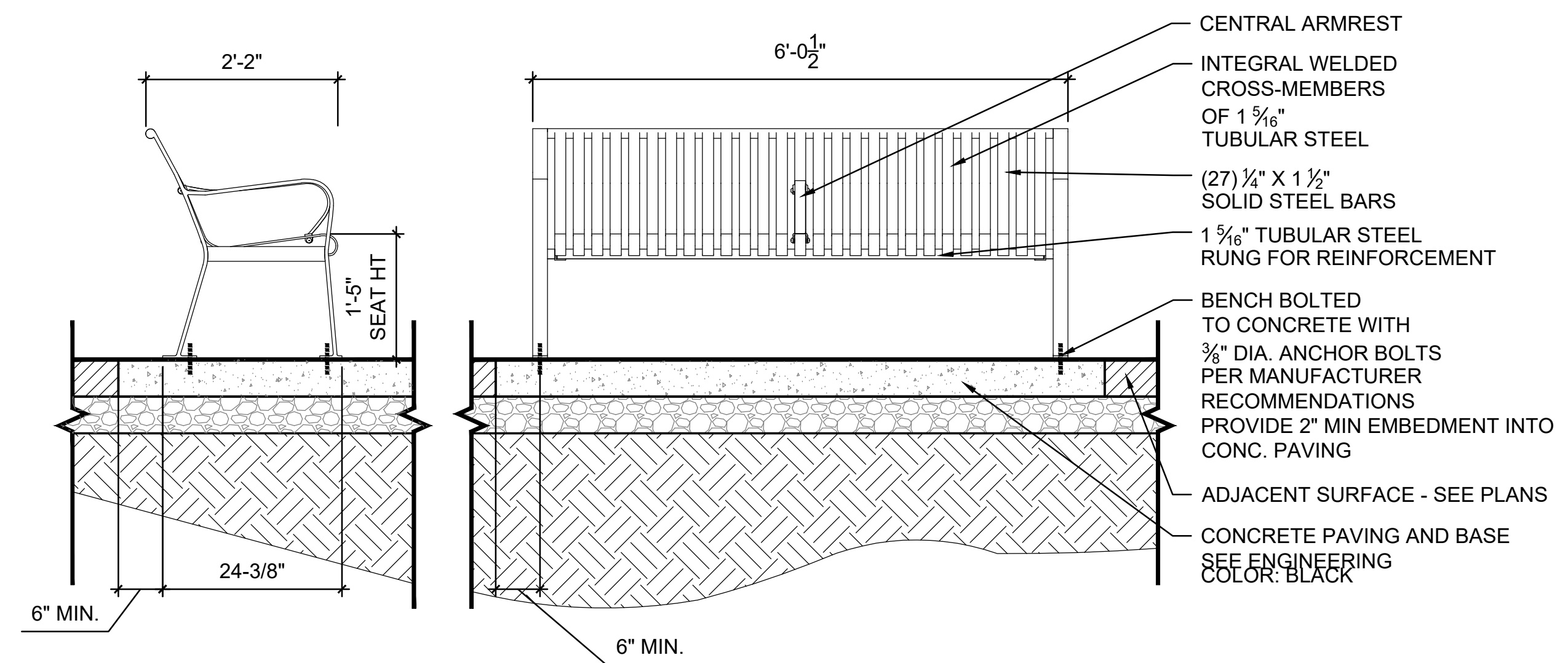
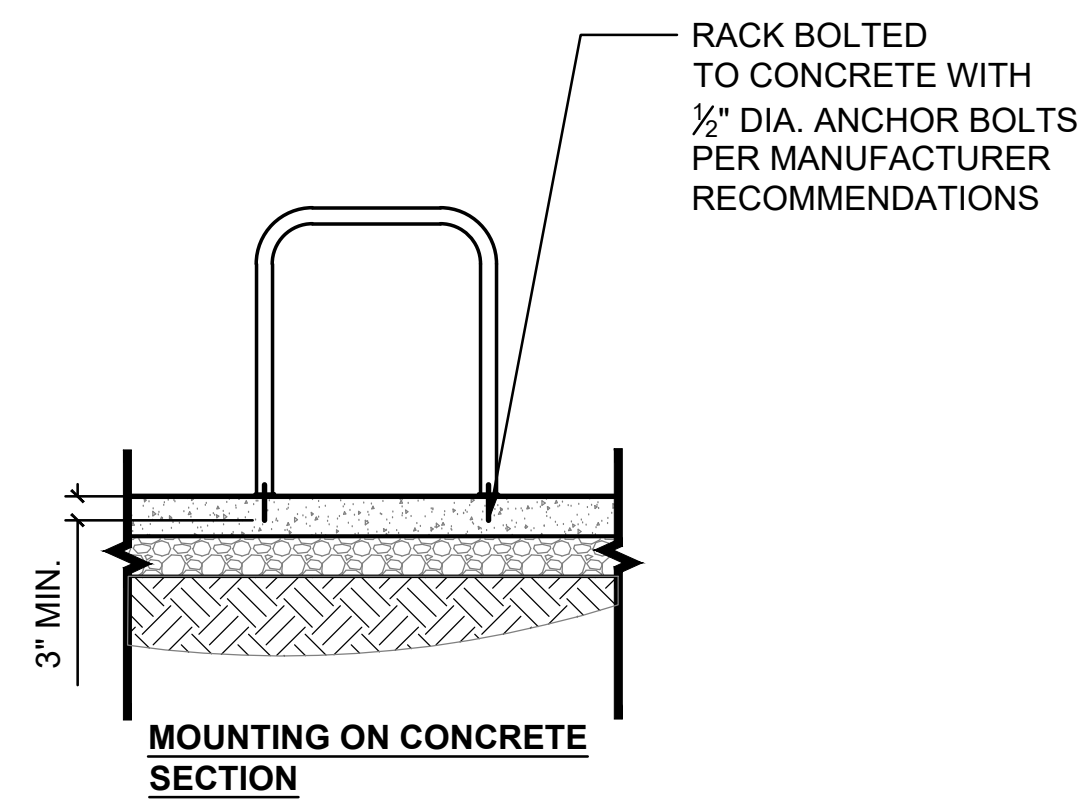
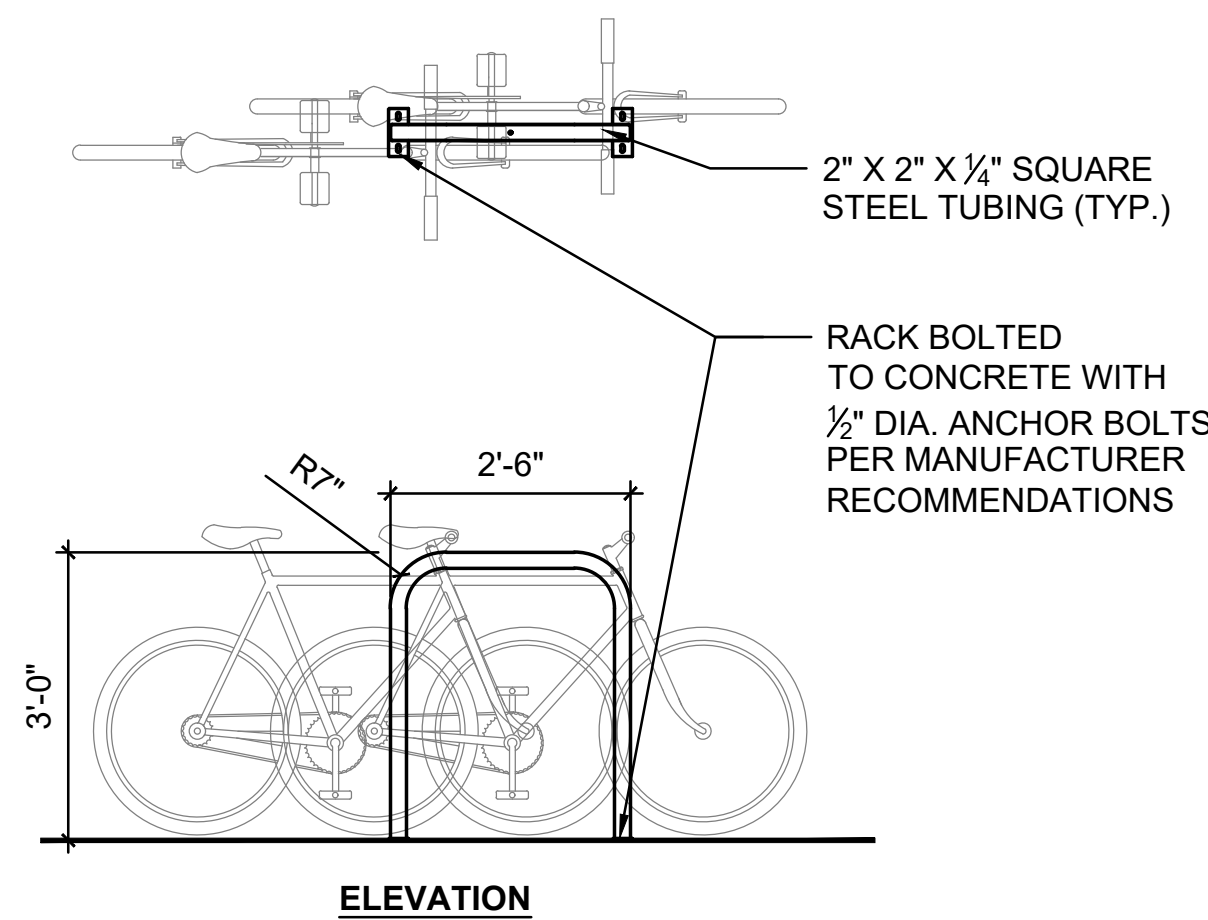
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
SITE DETAILS

SCALE: SHEET 165 OF 270 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	165
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

NOTE: WHEN LOCATED ON SIDEWALK, BIKE RACK SHALL BE LOCATED 24" MIN. FROM BACK OF CURB UNLESS OTHERWISE SPECIFIED. FINAL DISTANCE FROM CURB SHALL BE AS DIRECTED BY COMMISSIONER



① BICYCLE RACK (CITY OF EVANSTON)  
1/2" = 1'-0"

② BENCH (CITY OF EVANSTON)  
3/4" = 1'-0"



**Product Specifications**

WIDTH INCHES	28
DEPTH INCHES	28
HEIGHT INCHES	36
COLOR FINISH	Blue
CONSTRUCTION	Steel
LID	Flat Top w/Recycling Logos
OPENING	11-1/4" Dia.
TYPE	Slatted
WEIGHT LBS	65
DISPOSAL OPENING INCHES	11-1/4
DIAMETER INCHES	28
BRAND	Global Industrial™
DESCRIPTION	Receptacle
CAPACITY GALLONS	36

GLOBAL INDUSTRIAL  
www.globalindustrial.com

③ OUTDOOR STEEL RECYCLING RECEPTACLE WITH FLAT LID - 36 GALLON BLUE PROVIDED BY GLOBAL INDUSTRIAL (CITY OF EVANSTON)  
NTS



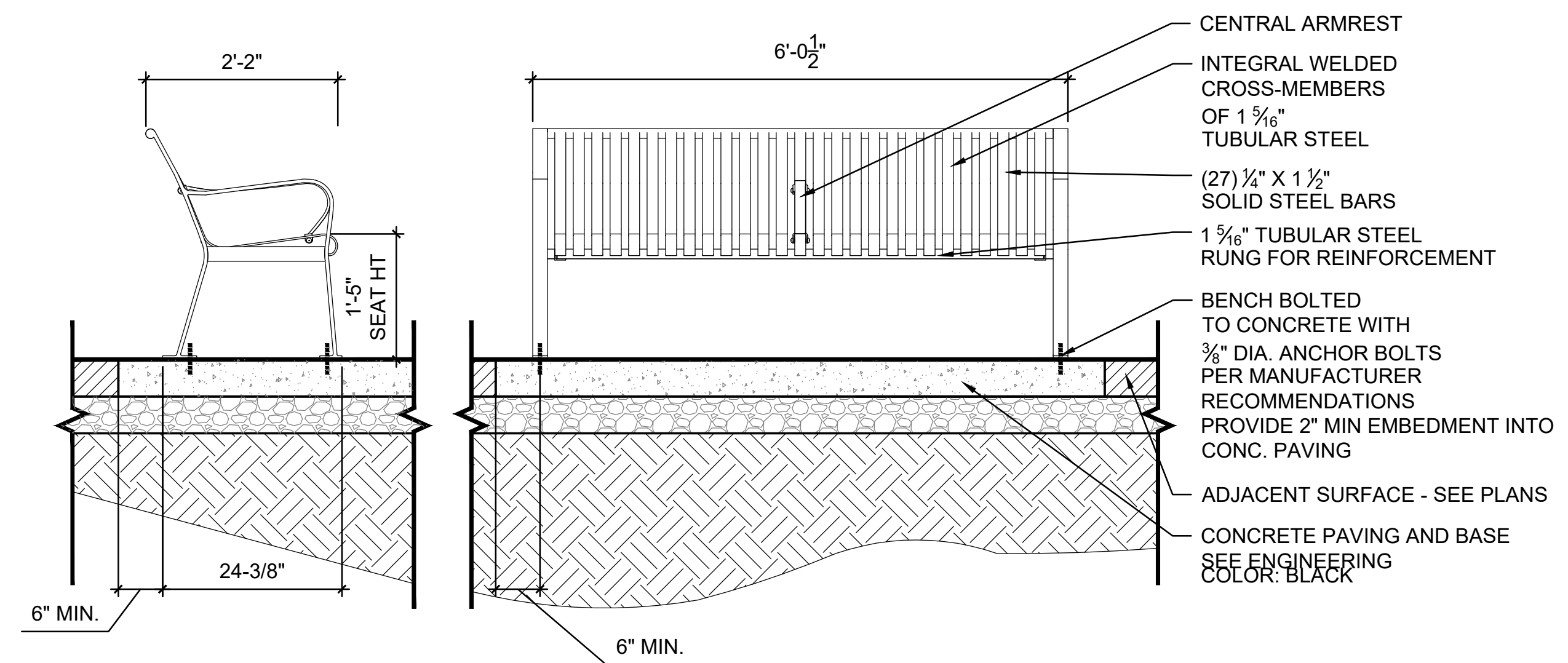
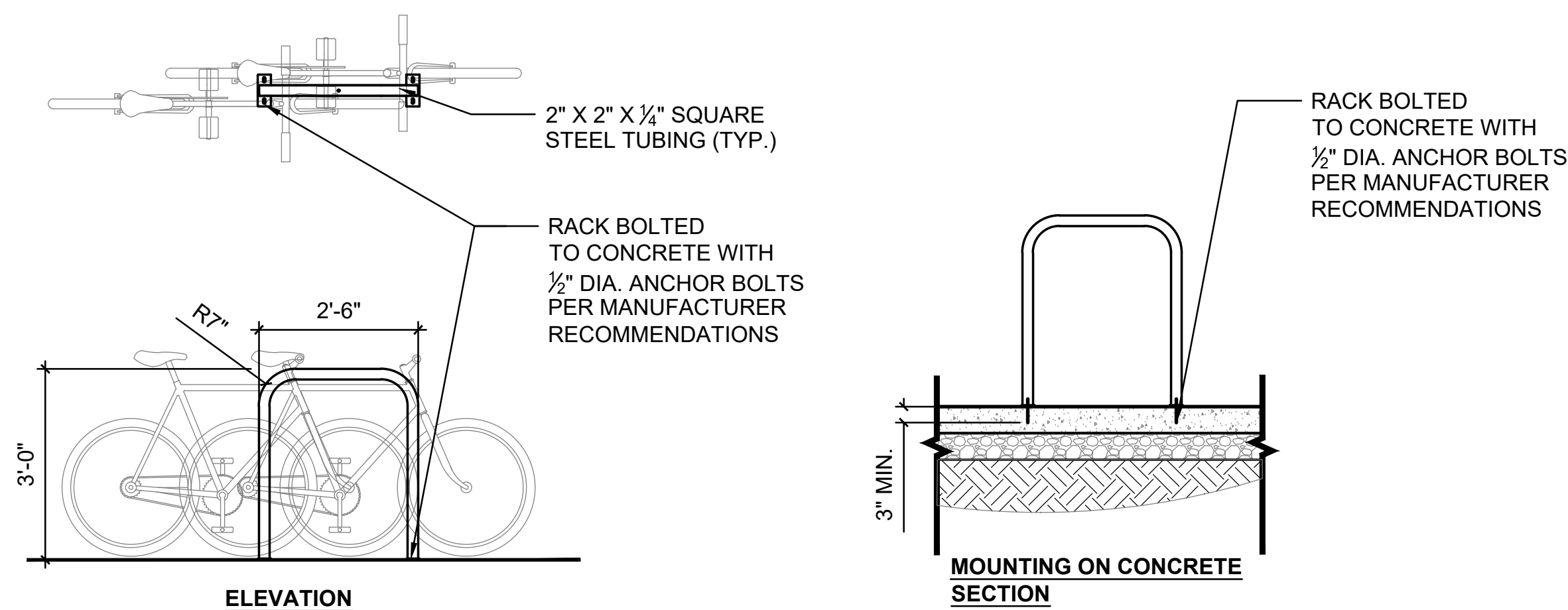
**Product Specifications**

HEIGHT INCHES	36
COLOR FINISH	Black
CONSTRUCTION	Steel
LID	Flat Top
LINER	Plastic
OPENING	11-1/4" Dia.
TYPE	Slatted
DESCRIPTION	Receptacle
DIAMETER INCHES	28
CAPACITY GALLONS	36
BRAND	Global Industrial™

GLOBAL INDUSTRIAL  
www.globalindustrial.com

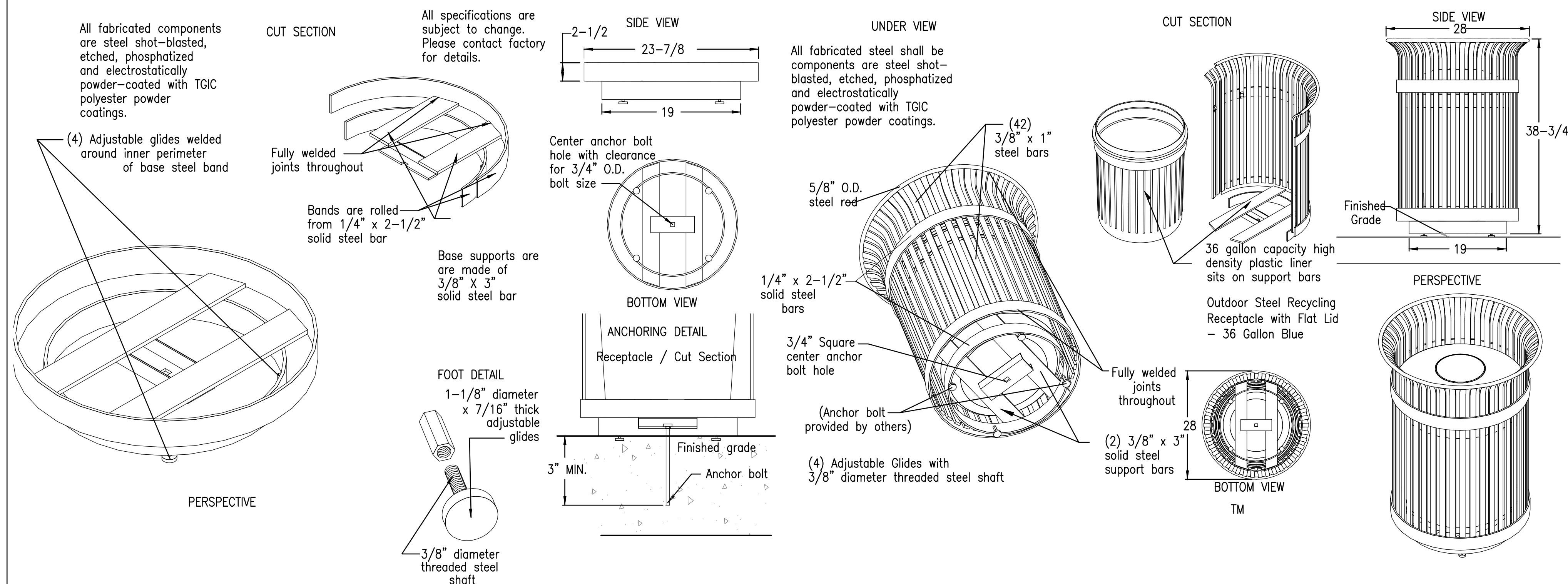
④ SLATTED BODY OUTDOOR METAL WASTE RECEPTACLE PROVIDED BY GLOBAL INDUSTRIAL (CITY OF EVANSTON)  
NTS

NOTE: WHEN LOCATED ON SIDEWALK, BIKE RACK SHALL BE LOCATED 24" MIN. FROM BACK OF CURB UNLESS OTHERWISE SPECIFIED. FINAL DISTANCE FROM CURB SHALL BE AS DIRECTED BY COMMISSIONER



1 BICYCLE RACK (CITY OF CHICAGO)  
1/2" = 1'-0"

2 BENCH (CITY OF CHICAGO)  
3/4" = 1'-0"



3 TRASH RECEPTACLE (CITY OF CHICAGO)  
NTS

FILE NAME = \$FILELS	USER NAME = \$USERS	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOWARD STREET CORRIDOR IMPROVEMENT PROJECT SITE FURNISHING DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JC	REVISED -					1334	17-00281-00-RS	COOK	270	167
SMODEL NAMES	PLOT SCALE = SHOWN	CHECKED - JB	REVISED -		SCALE: SHEET 167 OF 270 SHEETS STA. TO STA.			CONTRACT NO. 61G30				
	PLOT DATE = 11.22.2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



# GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIGGER, (312) 744-7000, FOR EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED, AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL INFORM THE ASSISTANT ELECTRICAL OPERATING ENGINEER AT THE CDOT DIVISION OF ELECTRICAL OPERATIONS, AT (312) 746-4646 PRIOR TO THE CUT-OVER DATE FROM THE TEMPORARY SIGNALS TO THE PERMANENT SIGNALS. A MINIMUM OF 72 HOURS ADVANCE NOTICE IS REQUIRED.
3. ALL REMOVED TRAFFIC SIGNALS, POSTS AND LIGHT POLES SHALL BE DELIVERED TO THE DIVISION OF ELECTRICAL OPERATIONS AS DIRECTED BY THE DIVISION OF ELECTRICAL OPERATIONS.
4. PRIOR APPROVAL FOR ANY CHANGE IN PROPOSED MATERIALS, EQUIPMENT, OR CONSTRUCTION IS REQUIRED FROM CDOT DIVISION OF ELECTRICAL OPERATIONS, MR. MOHAMMED AHMED AT (312) 746-8180.

NO.	BY	DATE	DESCRIPTION

REVISIONS

**TRAFFIC CONTROL SIGNALS  
GENERAL NOTES**

**CITY OF CHICAGO**

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

HOWARD STREET  
 SACRAMENTO AVENUE TO WINCHESTER AVENUE  
 CORRIDOR IMPROVEMENT PROJECT

<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>											
PROJECT NO.: 190121.0001A	NUMBER										
DATE: 12/20/2019											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">DSGN</th> <th style="width: 33%;">DRAWN</th> <th style="width: 33%;">CHECK</th> </tr> <tr> <td>EAJ</td> <td>PA</td> <td>GMZ</td> </tr> <tr> <td></td> <td>FPB</td> <td></td> </tr> </table>	DSGN	DRAWN	CHECK	EAJ	PA	GMZ		FPB			
DSGN	DRAWN	CHECK									
EAJ	PA	GMZ									
	FPB										

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		DRAWN - FPB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SIGNALS  
GENERAL NOTES

SCALE: 1" = 1'      SHEET NO.    OF    SHEETS    STA.            TO STA.

F.A.P. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270	SHEET NO. 169
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	

**TRAFFIC SIGNALS  
SCHEDULE OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL	Howard Street @ Dodge/California	Howard Street @ Asbury/Western	Howard Street @ Custer/Damen
72000100	SIGN PANEL - TYPE 1	SQ FT	24	12		12
72000200	SIGN PANEL - TYPE 2	SQ FT	48	24		24
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	110	57		53
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	264	130		134
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	1633	836		797
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
87301291	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 4/C	FOOT	469	228		241
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1105	588		517
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3			3
87502710	TRAFFIC SIGNAL POST, ALUMINUM 17 FT.	EACH	3	3		
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12	4		8
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	4		
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	4		
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	24	8	8	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1		1
89502380	REMOVE EXISTING HANDHOLE	EACH	10	5		5
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	15	6		9
X0320024	ETHERNET MANAGE SWITCH	EACH	2	1		1
X0322690	POLE, STEEL, ANCHOR BASE, 10" DIA., 3-GAUGE, 34'-6"	EACH	3	3		
X0324900	SERVICE CONNECTION TO CECO LINE	EACH	2	1		1
X0325479	RELOCATE EXISTING ITS EQUIPMENT TYPE A	EACH	2			2
X0325922	CELLULAR MODEM	EACH	2	1		1
X0326092	RELOCATE CLOSED CIRCUIT TELEVISION SURVEILLANCE CAMERA SYSTEM	EACH	2			2
X0326263	EQUIPMENT CABINET	EACH	2	1		1
X0326885	VIDEO DETECTION SYSTEM	EACH	2	1		1
X0326968	JUNCTION BOX, POLE OR POST MOUNTED	EACH	13	7		6
X0934900	MAST ARM, STEEL, MONOTUBE 26 FT.	EACH	3	3		
X0935000	MAST ARM, STEEL, MONOTUBE 30 FT.	EACH	3			3
X0935100	MAST ARM, STEEL, MONOTUBE 35 FT.	EACH	1	1		
X1400084	PEDESTRIAN PUSH-BUTTON POST (CHICAGO)	EACH	3	1		2
X1400152	AUDIBLE PEDESTRIAN PUSH-BUTTON SYSTEM CONTROLLER INTERFACE UNIT	EACH	2	1		1
X6020105	MANHOLE, ELECTRIC, 3' X 4' X 4', WITH 24" FRAME AND LID	EACH	2	1		1
X8140105	HANDHOLE (SPECIAL)	EACH	6	3		3
X8140210	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	2	1		1
X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	2	1		1
X8800101	PEDESTRIAN PUSH-BUTTON, SPECIAL	EACH	16	8		8
XX005703	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	L SUM	3	1	1	1
XX008608	CABLE, SPECIAL	FOOT	1108	544		564
XX008713	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 19/C	FOOT	1427	724		703
XX008714	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 4 2/C	FOOT	469	247		222
	CONCRETE FOUNDATION, 20" DIAMETER	FOOT	45	20		25
	CONCRETE FOUNDATION, 24" DIAMETER	FOOT	42	42		
	CONCRETE FOUNDATION, 30" DIAMETER	FOOT	56	14		42
	STEEL POLE, TYPE 1	EACH	3			3
	STEEL POLE, TYPE 2	EACH	1	1		

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNALS SCHEDULE OF QUANTITIES</b>			
<b>CITY OF CHICAGO</b>			

**CBE** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.: 190121.0001A	NUMBER		
DATE: 1/7/2020			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270 SHEET NO. 170
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

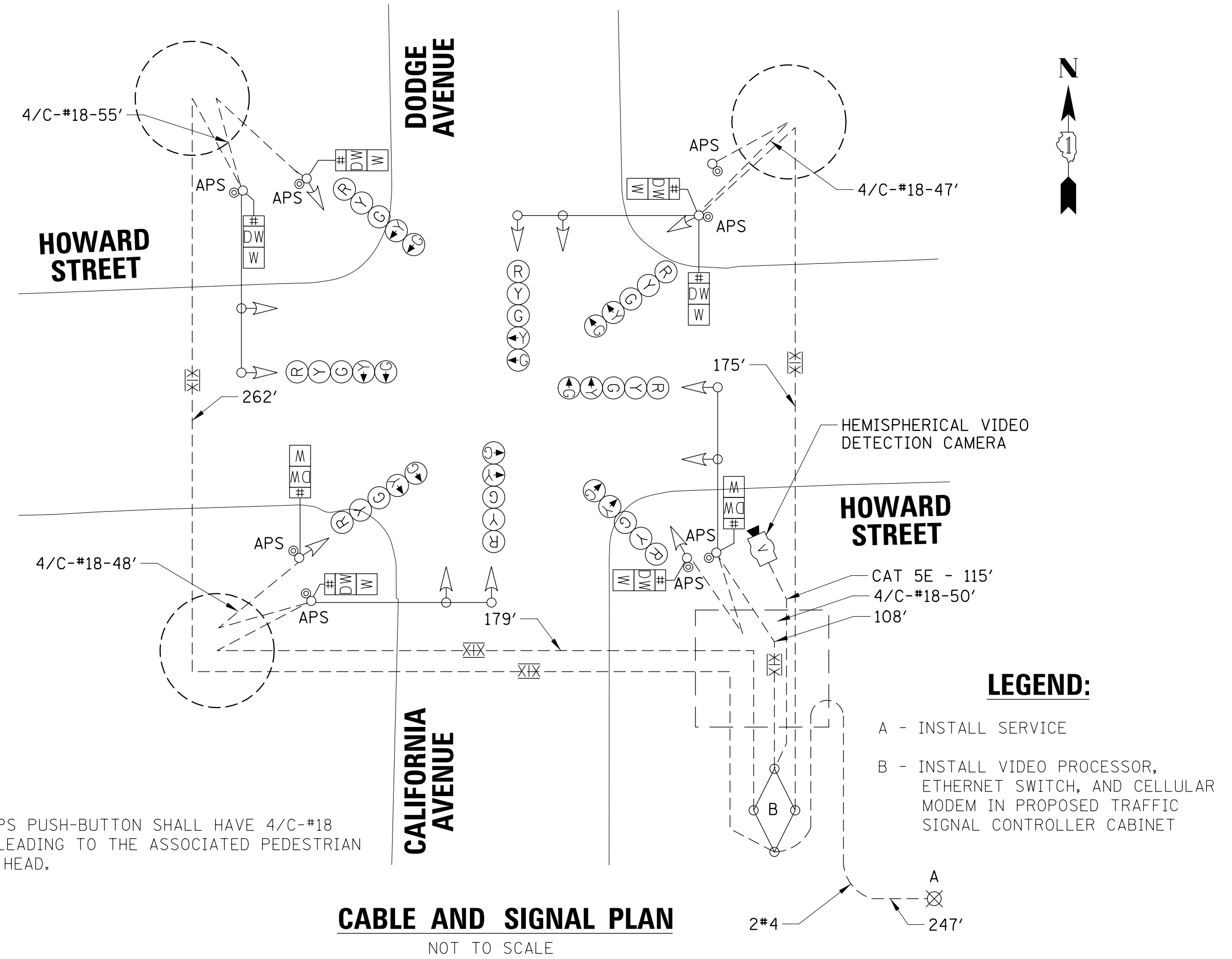
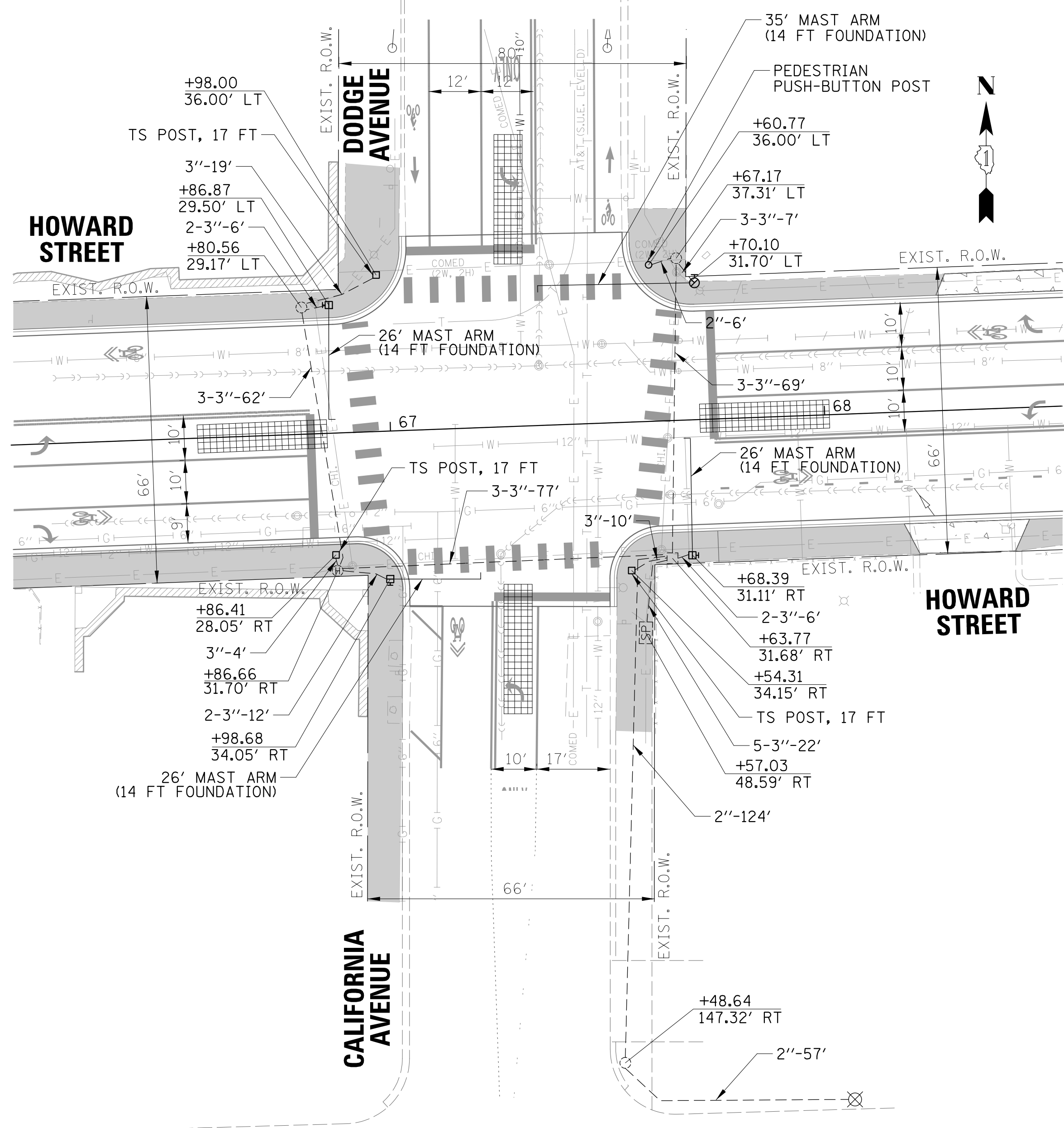
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		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL  
SCHEDULE OF QUANTITIES**

SCALE: 1" = 1' SHEET NO. OF SHEETS STA. TO STA.





NOTE:  
EACH APS PUSH-BUTTON SHALL HAVE 4/C-#18 CABLE LEADING TO THE ASSOCIATED PEDESTRIAN SIGNAL HEAD.

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNALS HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER
PROJECT NO.: 190121.0001A			22931
DATE: 12/20/2019			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
1334	17-00281-00-RS	COOK	270
			SHEET NO. 172
			CONTRACT NO. 61630
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

**CG B B** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
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**HOWARD STREET**  
 SACRAMENTO AVENUE TO WINCHESTER AVENUE  
 CORRIDOR IMPROVEMENT PROJECT

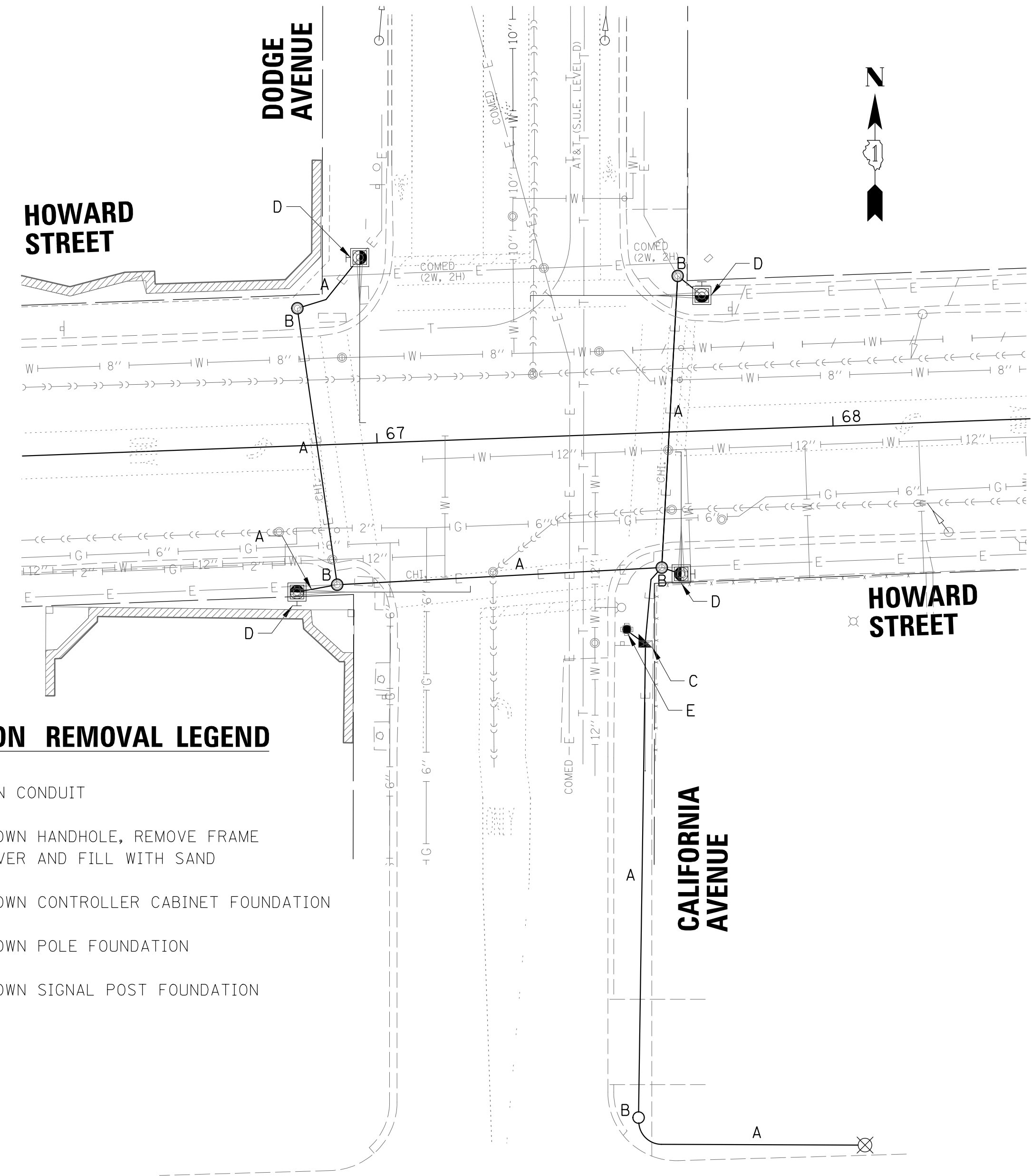
FILE NAME = N:\EVANSTON\190121\Traffic\TSS\Howard-Cali\TSS.dgn	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
		DRAWN - FPB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN AND CABLE PLAN  
HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.





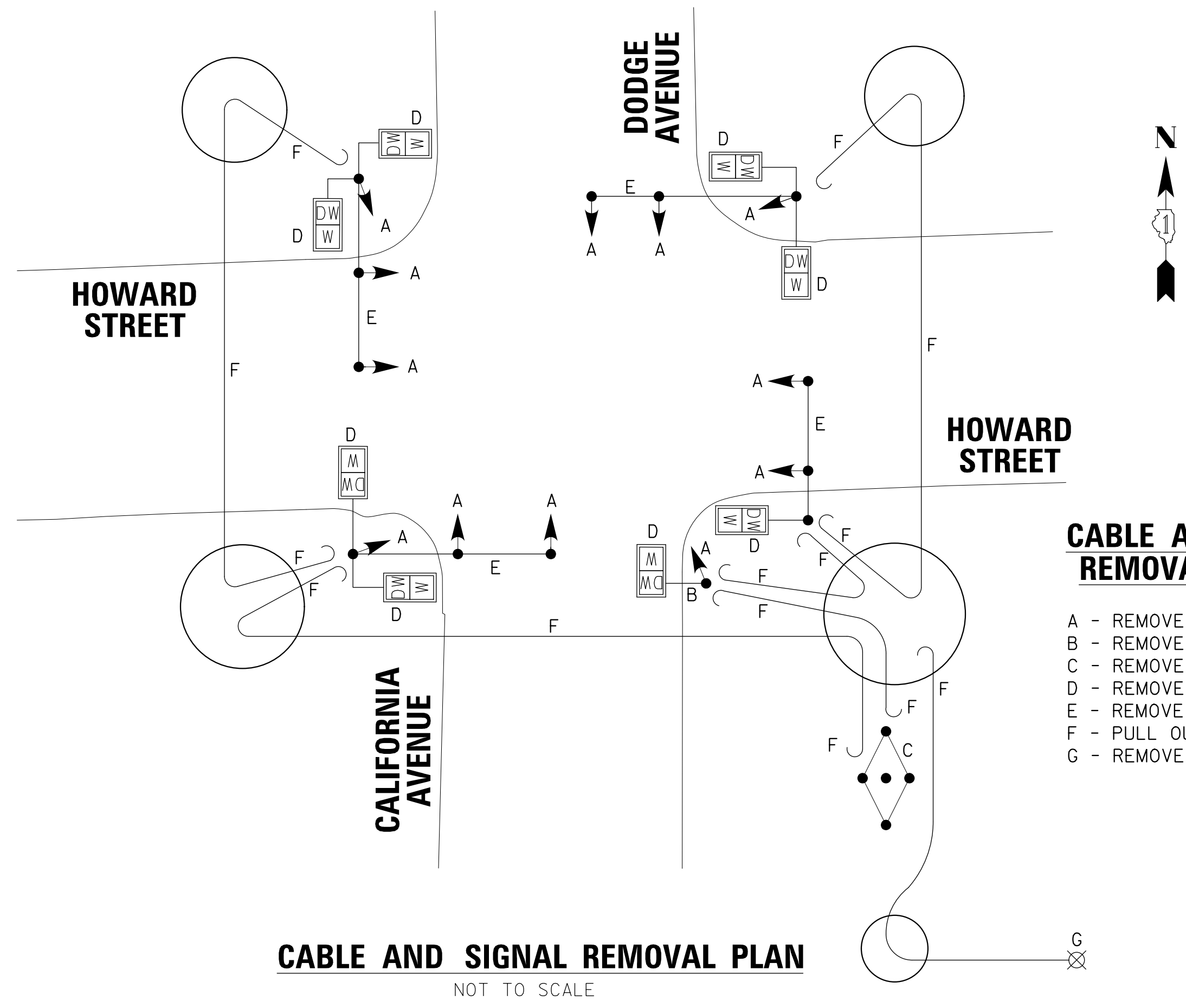
**FOUNDATION REMOVAL LEGEND**

- A ABANDON CONDUIT
- B BREAKDOWN HANDHOLE, REMOVE FRAME AND COVER AND FILL WITH SAND
- C BREAKDOWN CONTROLLER CABINET FOUNDATION
- D BREAKDOWN POLE FOUNDATION
- E BREAKDOWN SIGNAL POST FOUNDATION

**FOUNDATION REMOVAL PLAN**

SCALE: 1" = 20'

NOTE:  
 THE CONTRACTOR SHALL RELOCATE THE EXISTING INTERSECTION STREET LIGHTS AT HOWARD STREET AND CALIFORNIA AVENUE / DODGE AVENUE AFFECTED BY THE PROPOSED IMPROVEMENTS AND LOCATED WITHIN THE PROJECT LIMITS. THE LIGHTING SHALL OPERATE EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS. THE EXISTING STREET LIGHTS SHALL BE RELOCATED TO THE TEMPORARY WOOD POLES AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL COORDINATE ALL TEMPORARY LIGHTING WITH THE COMMISSIONER.



**CABLE AND SIGNAL REMOVAL PLAN**

NOT TO SCALE

**CABLE AND SIGNAL REMOVAL LEGEND:**

- A - REMOVE TRAFFIC SIGNALS
- B - REMOVE TRAFFIC SIGNAL POST
- C - REMOVE TRAFFIC SIGNAL CONTROLLER CABINET
- D - REMOVE PEDESTRIAN SIGNALS
- E - REMOVE STEEL MAST ARM AND POLE
- F - PULL OUT CABLE
- G - REMOVE POWER SERVICE

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>SIGNAL REMOVAL PLAN HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER
PROJECT NO.: 190121.0001A			22931
DATE: 12/20/2019			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
1334	17-00281-00-RS	COOK	270
			SHEET NO. 173
			CONTRACT NO. 61G30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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PLOT SCALE = 20'		DRAWN - FPB	REVISED -
PLOT DATE = 12/20/2019		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL PLAN  
AND CABLE REMOVAL PLAN  
HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

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**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

**STREET NAME SIGNS, MAST ARM MOUNTED**

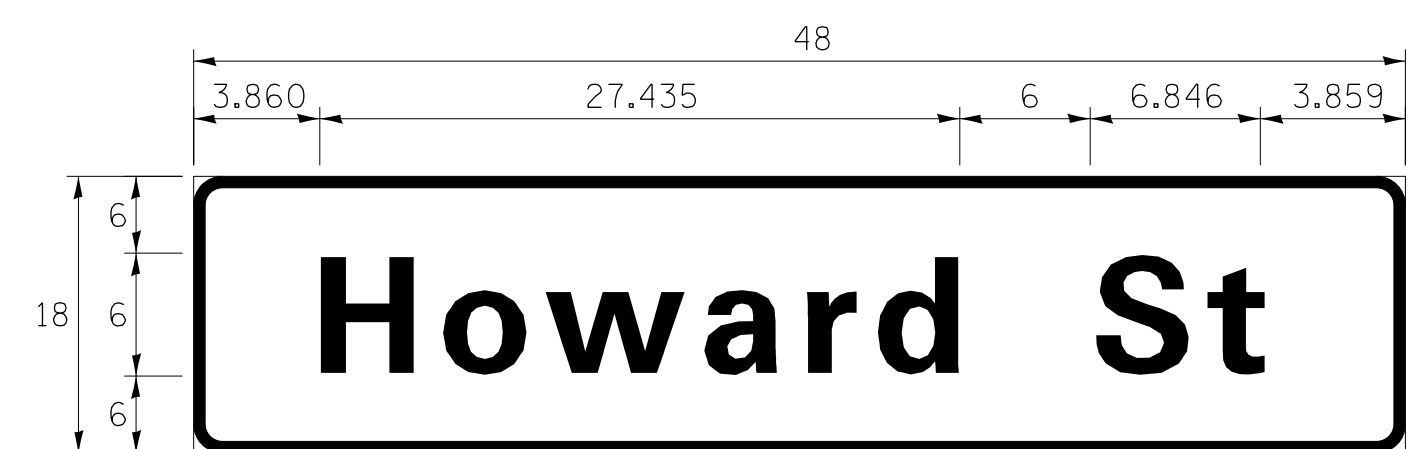
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.0	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.0	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.0	1	ZZ	2

NO.	BY	DATE	DESCRIPTION
REVISIONS			

**MAST ARM MOUNTED STREET NAME SIGNS HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

**CITY OF CHICAGO**

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(847) 823-0500

**HOWARD STREET**  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.: 190121.0001A	NUMBER
DATE: 12/20/2019	22931
DSGN: EAJ	DRAWN: PA
CHECK: GMZ	FPB

FILE NAME = N:\EVANSTON\190121\Traffic\T57_Dodge-Cali	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
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	PLOT SCALE = 20'	CHECKED - GMZ	REVISED -
	PLOT DATE = 12/20/2019	DATE -	REVISED -

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

**MAST ARM MOUNTED STREET NAME SIGNS**  
**HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	174
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	

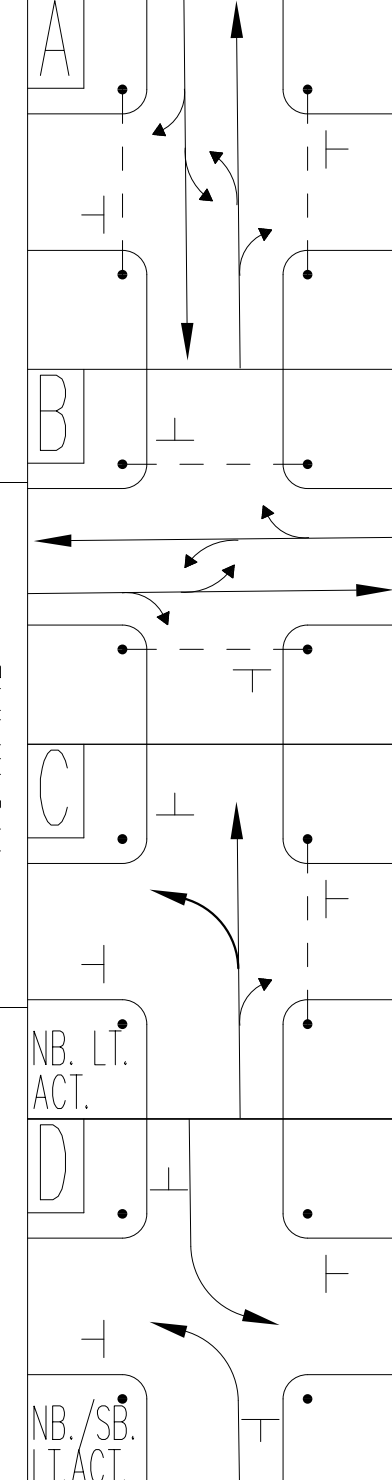
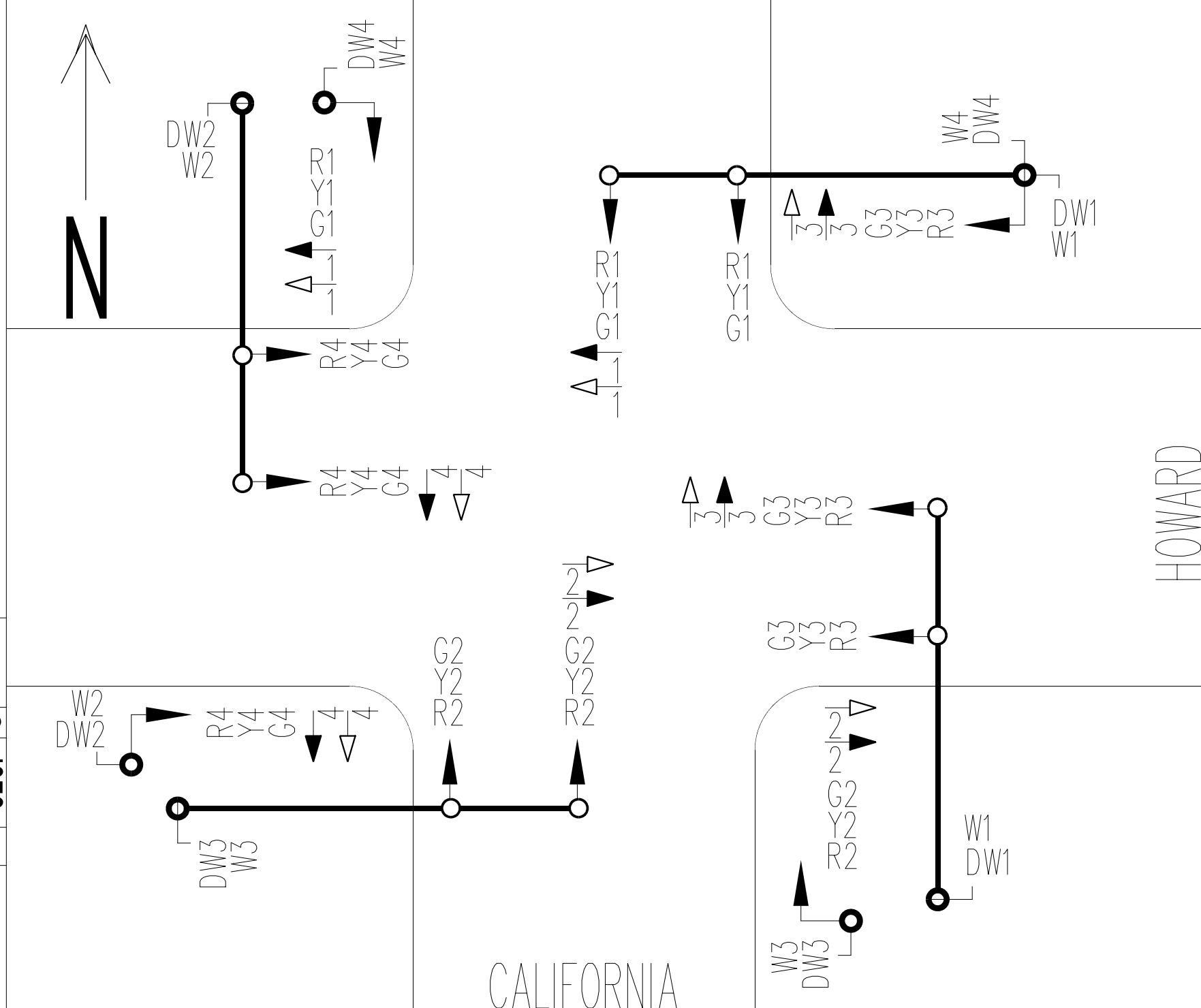
DRAWN: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

CITY OF CHICAGO  
 DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL TIMING SCHEDULE**  
 N. CALIFORNIA AVE. & W. HOWARD ST.

7600 N./2800 W.  
 APPROVED: \_\_\_\_\_  
 CITY TRAFFIC ENGINEER  
 PAGE 1 OF 1

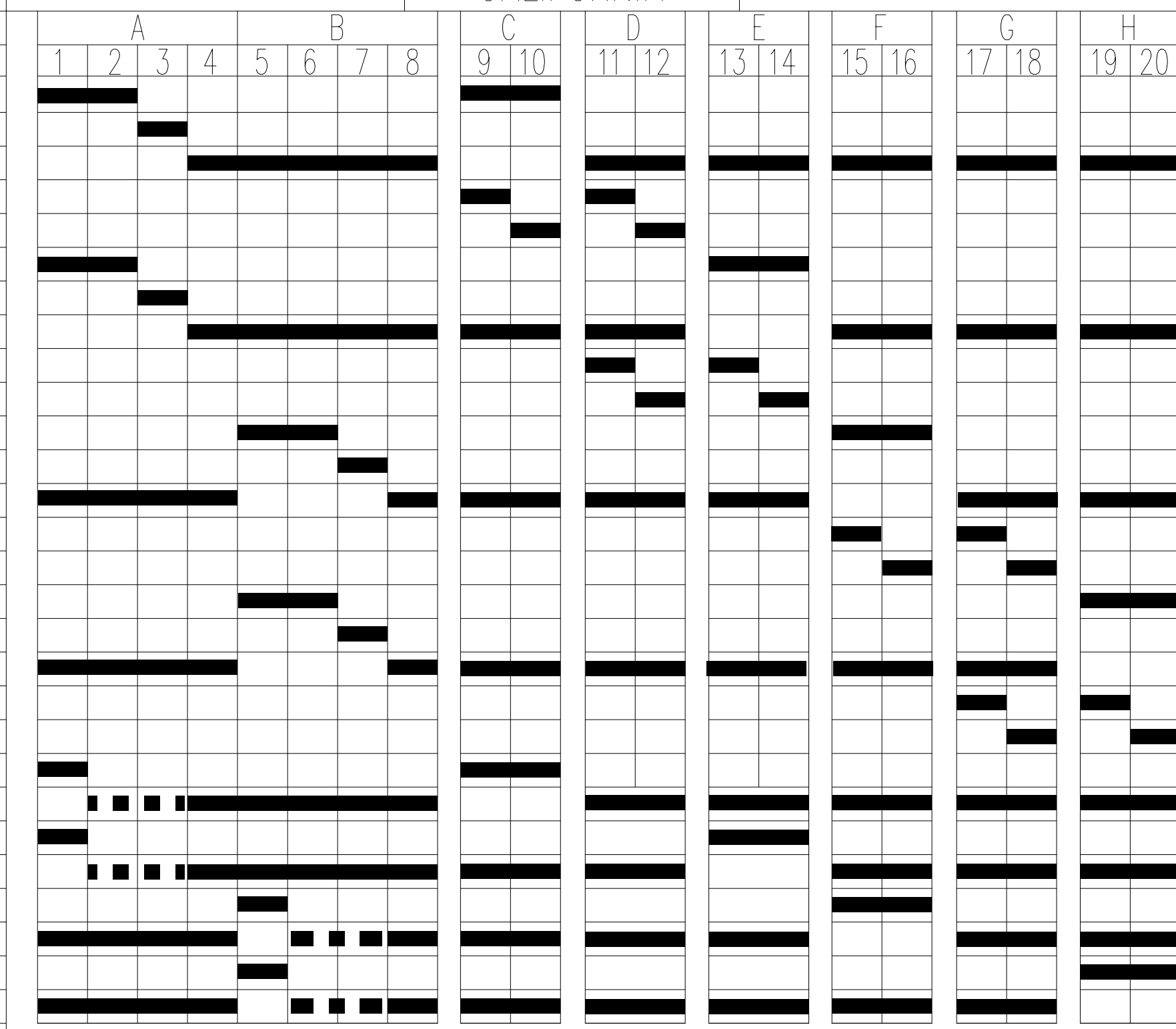
**Times Of Operation:**

Dial	Offset	Flash Operation
1	0	R1,R2,R3; R4; W.,DW.'S-OFF.
2	1	
3	2	
4	3	



**SIGNAL INDICATIONS:**

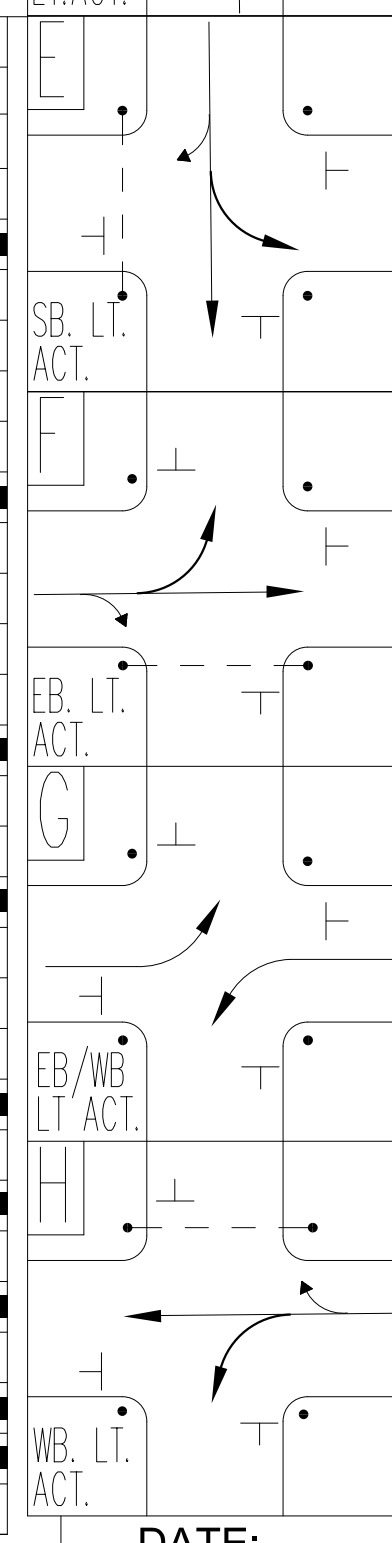
PHASE:	INTERVAL:
CALIFORNIA (NB.)	G1
"	Y1
"	R1
"	L.T. GA. Δ-1
"	YA. ▲-1
CALIFORNIA (SB.)	G2
"	Y2
"	R2
"	L.T. GA. Δ-2
"	YA. ▲-2
HOWARD (EB)	G3
"	Y3
"	R3
"	L.T. GA. Δ-3
"	YA. ▲-3
HOWARD (WB)	G3
"	Y3
"	R3
"	L.T. GA. Δ-3
"	YA. ▲-3
WALK (E XWALK)	W1
DON'T WALK	DW1
WALK (W XWALK)	W2
DON'T WALK	DW2
WALK (S XWALK.)	W3
DON'T WALK	DW3
WALK (N XWALK.)	W4
DON'T WALK	DW4



BoE. Drwg. No.

**DIAL 1, SECONDS/INTERVAL**

7	12	3	1	8	13	3	2
MIN							



DATE: \_\_\_\_\_  
 INSTALLED: \_\_\_\_\_

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNAL TIMING SCHEDULE HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			PROJECT NO.: 190121.0001A
DATE: 12/20/2019			NUMBER 22931
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		

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 Rosemont, Illinois 60018  
 (847) 823-0500

**HOWARD STREET**  
 SACRAMENTO AVENUE TO WINCHESTER AVENUE  
 CORRIDOR IMPROVEMENT PROJECT

FILE NAME = N:\EVANSTON\190121\Traffic\TSS\Dodge-California\_TSD\_Sch.dgn  
 USER NAME = pmagnelli  
 PLOT SCALE = 20'  
 PLOT DATE = 12/20/2019

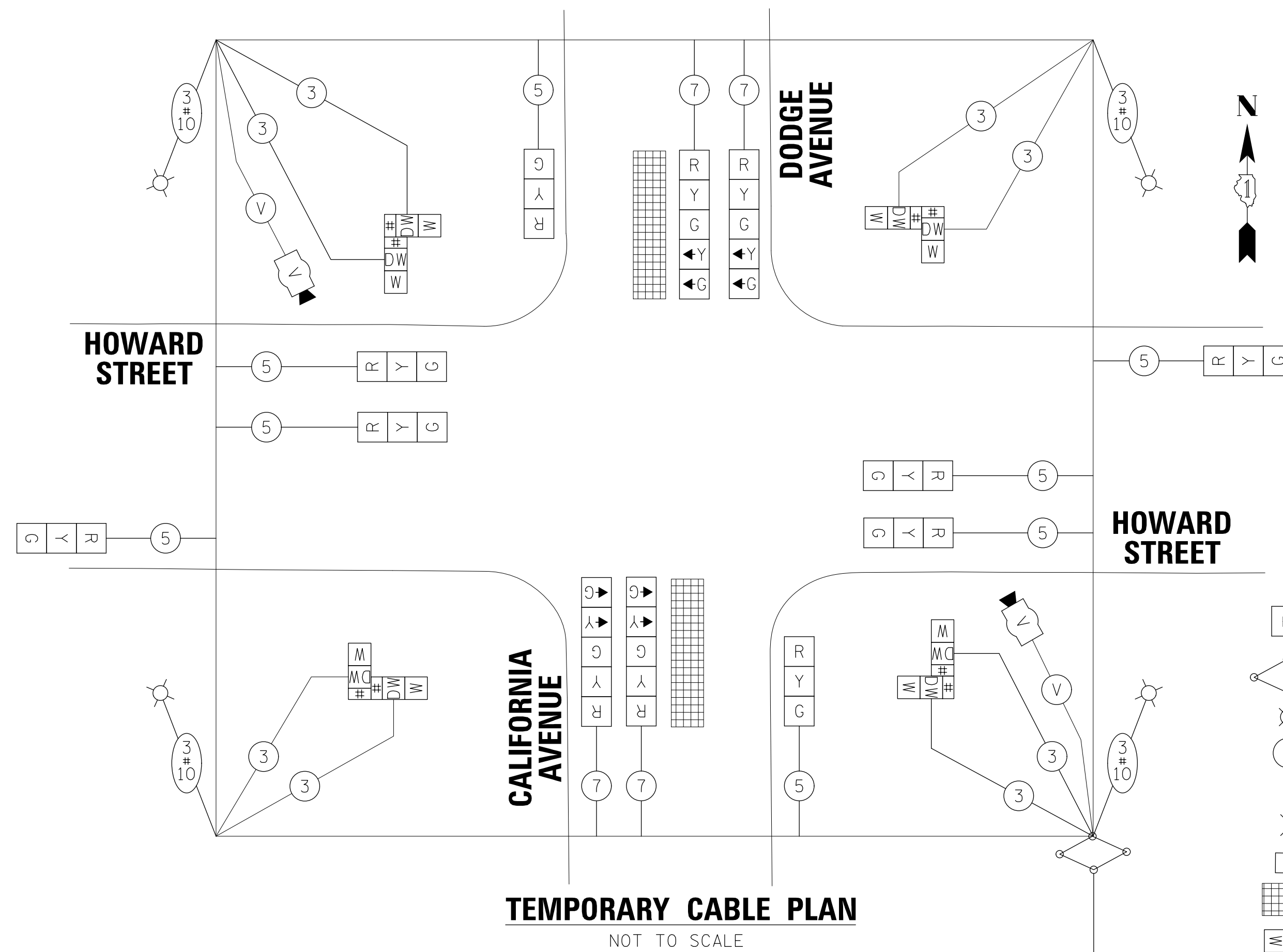
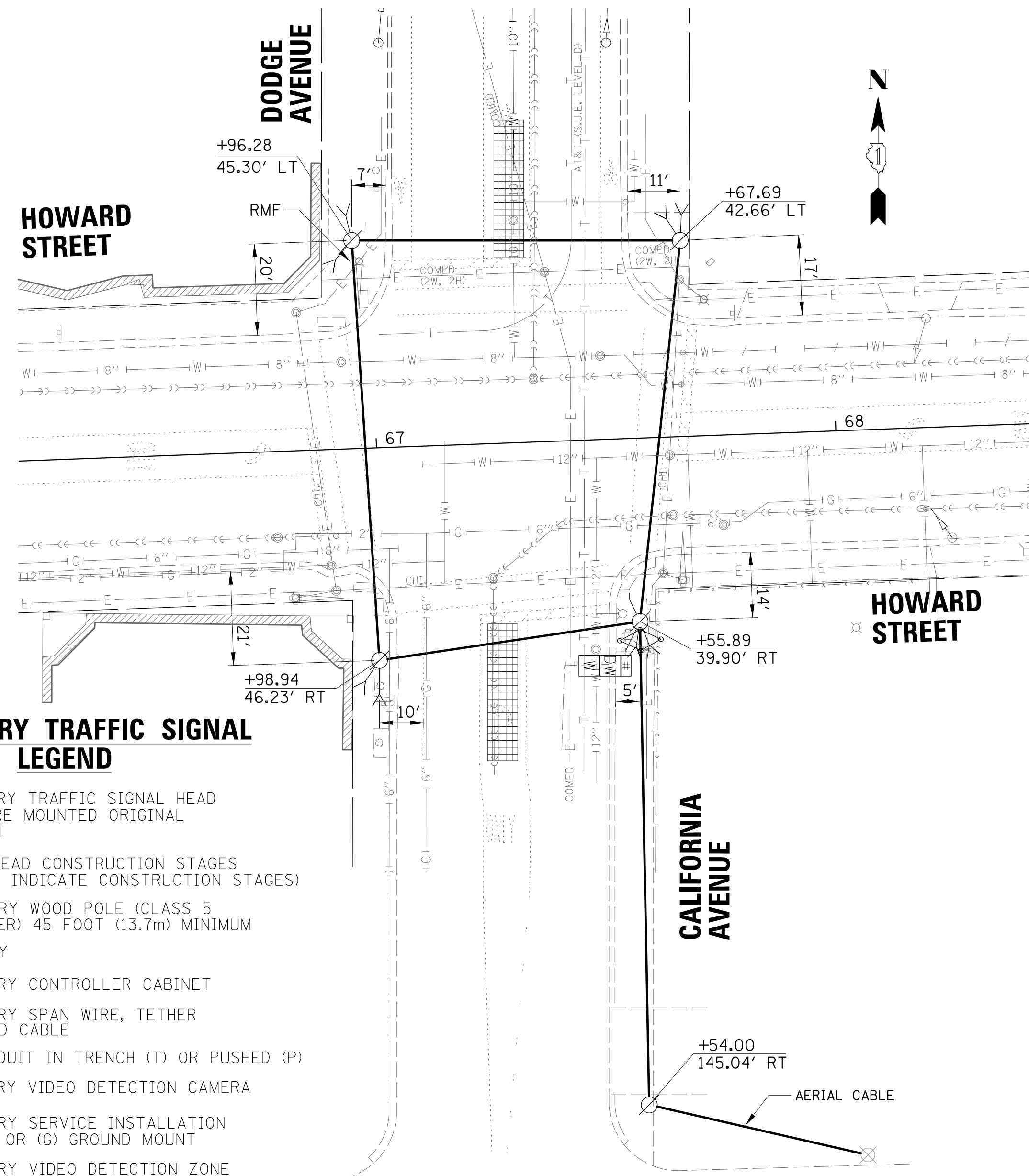
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DRAWN -	FPB	REVISED -	
CHECKED -	GMZ	REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL TIMING SCHEDULE  
 HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	175
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	



**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND TEMP CABLE PLAN HOWARD STREET AT CALIFORNIA AVENUE / DODGE AVENUE**

**CITY OF CHICAGO**

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.: 190121.0001A  
DATE: 12/20/2019  
NUMBER: 22931

DSGN	DRAWN	CHECK
EAJ	PA	GMZ
	FPB	

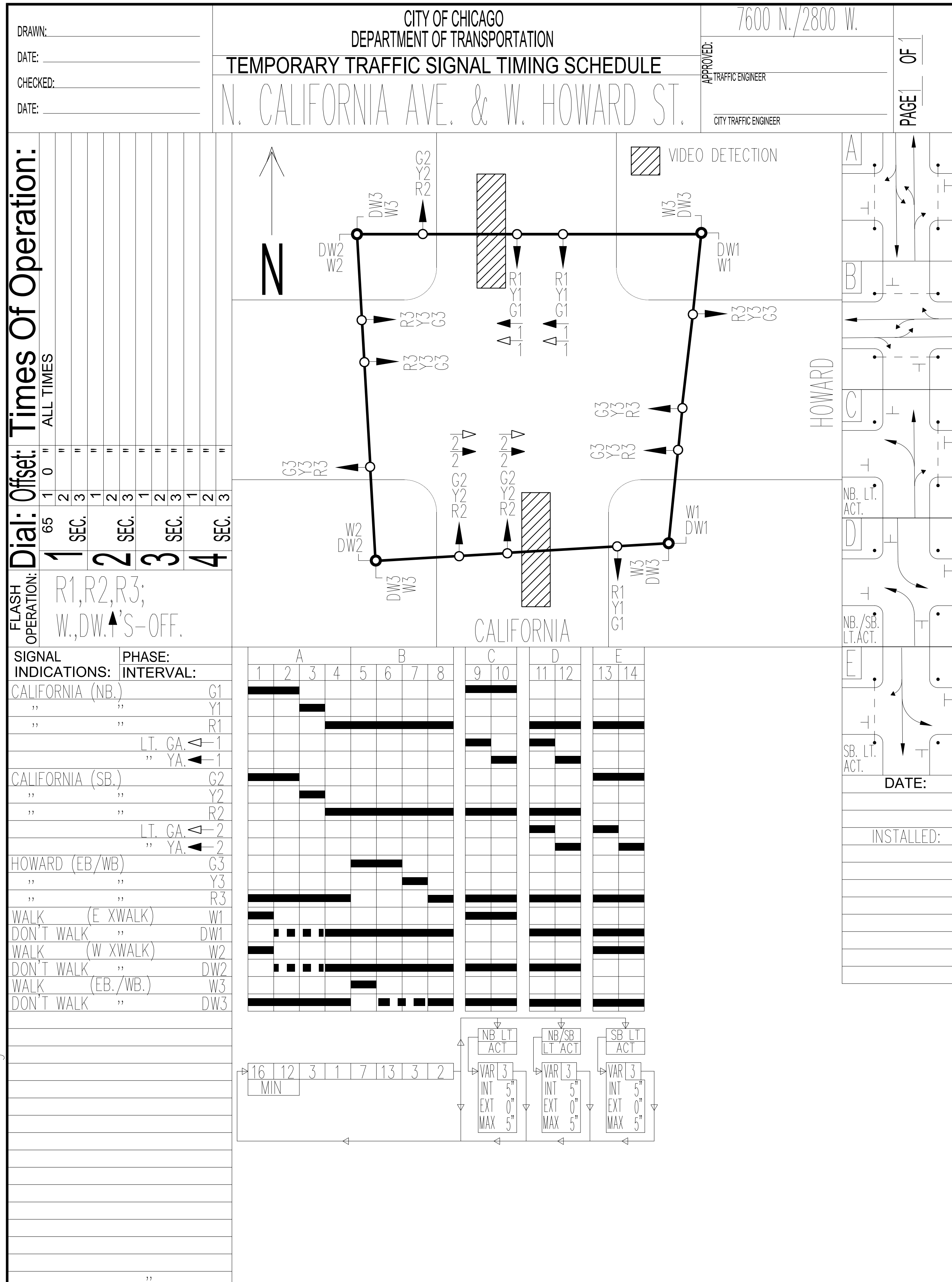
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PLOT DATE = 12/20/2019		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND TEMPORARY CABLE PLAN**  
**HOWARD STREET AT CALIFORNIA AVENUE / DODGE AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	176
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61630	



BoEl. Drwg. No.

FILE NAME =	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
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PLOT SCALE = 20'		CHECKED - GMZ	REVISED -
PLOT DATE = 12/20/2019		DATE -	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL TIMING SCHEDULE**  
**HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE**

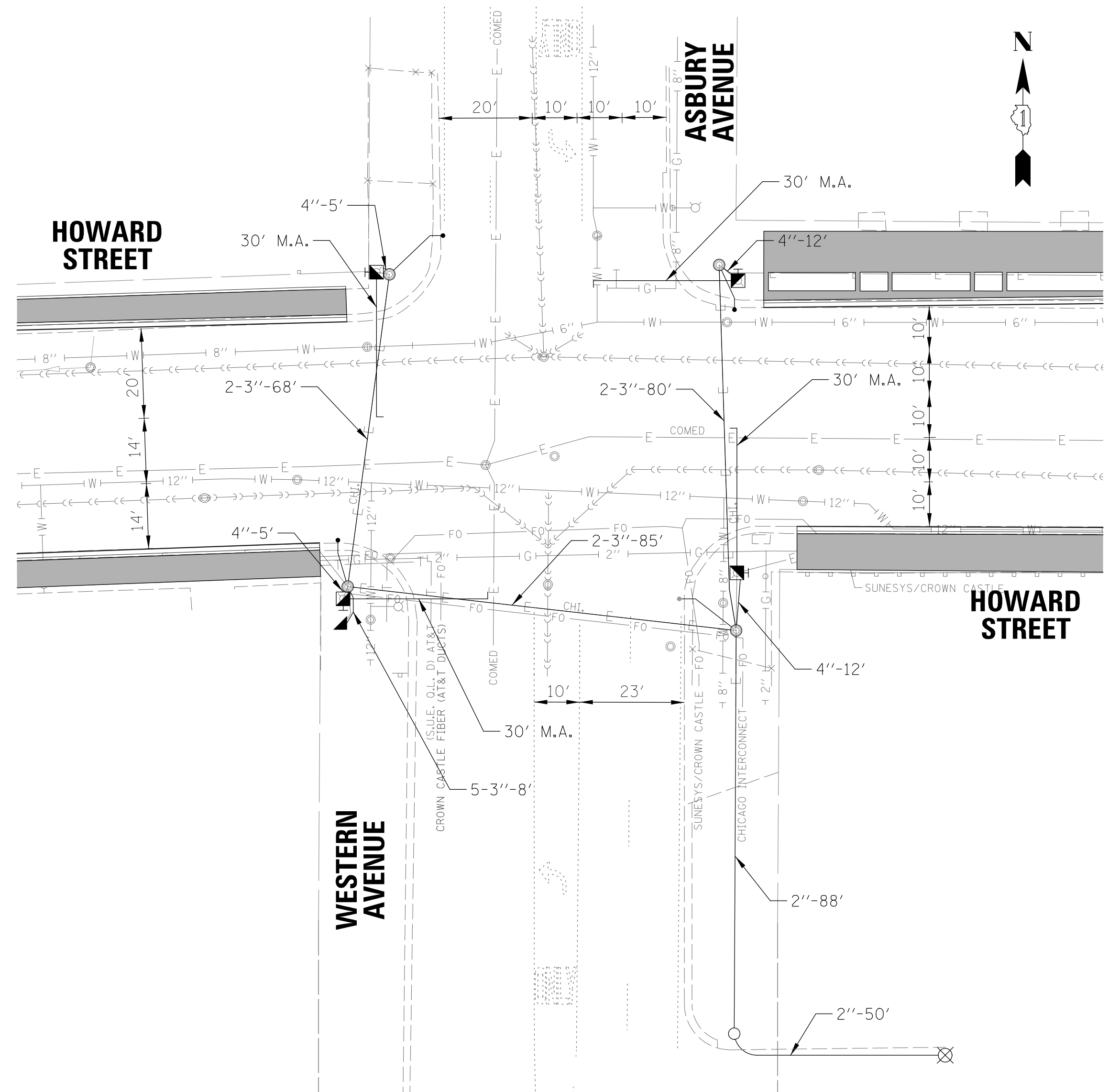
SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	177
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30	

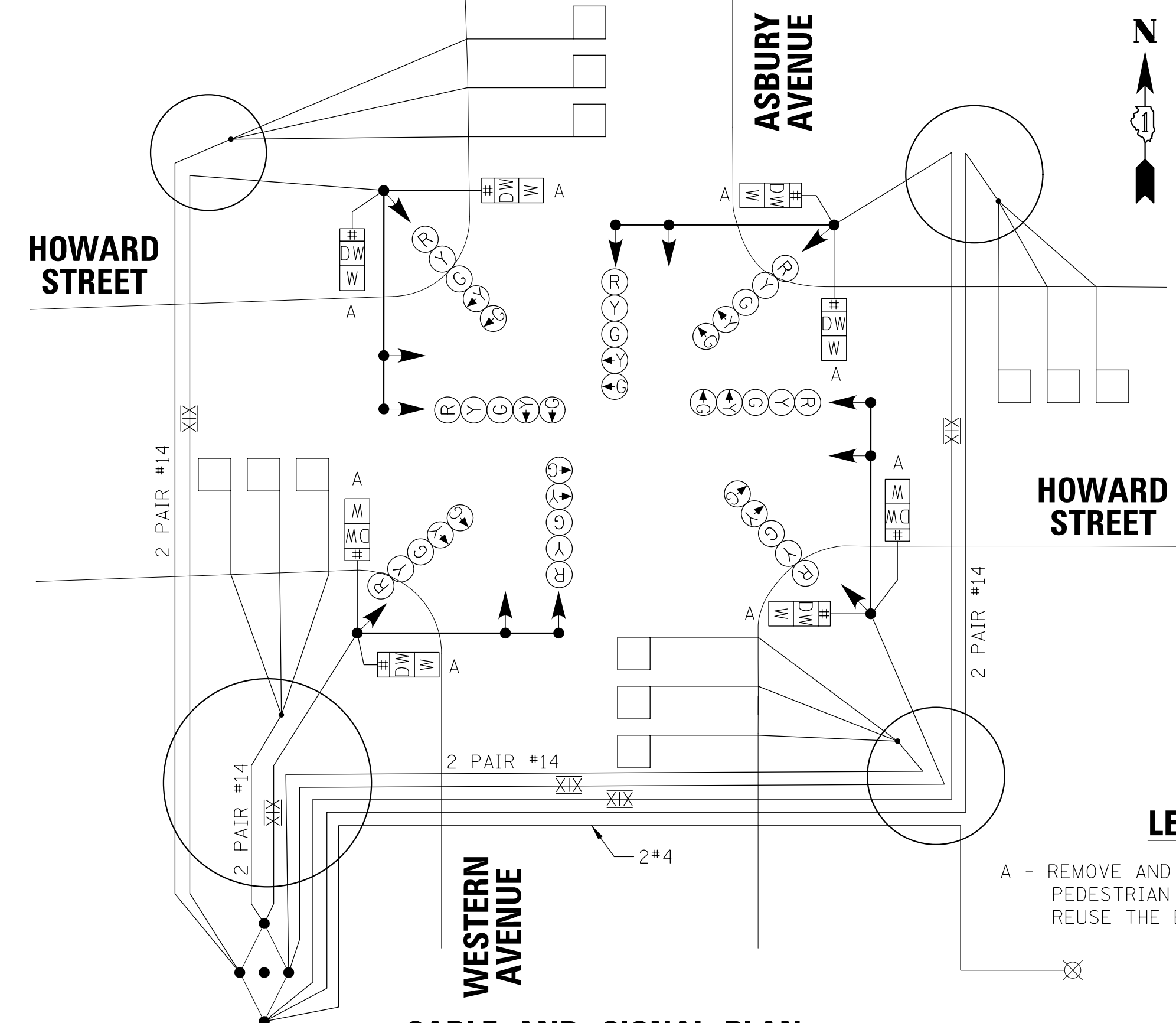
**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET**  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TEMPORARY TRAFFIC SIGNAL TIMING SCHEDULE</b> <b>HOWARD STREET AT CALIFORNIA AVENUE /DODGE AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION</b> <b>DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.: 190121.0001A		NUMBER	
DATE: 12/20/2019		22931	
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		



**EXISTING FOUNDATION AND CONDUIT PLAN**  
SCALE: 1" = 20'



**CABLE AND SIGNAL PLAN**  
NOT TO SCALE

**LEGEND:**  
A - REMOVE AND REPLACE THE EXISTING PEDESTRIAN SIGNAL HEADS AND REUSE THE EXISTING SIGNAL CABLE

FILE NAME =	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
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	PLOT SCALE = 20'	CHECKED - GMZ	REVISED -
	PLOT DATE = 12/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN  
HOWARD STREET AT WESTERN AVENUE / ASBURY AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

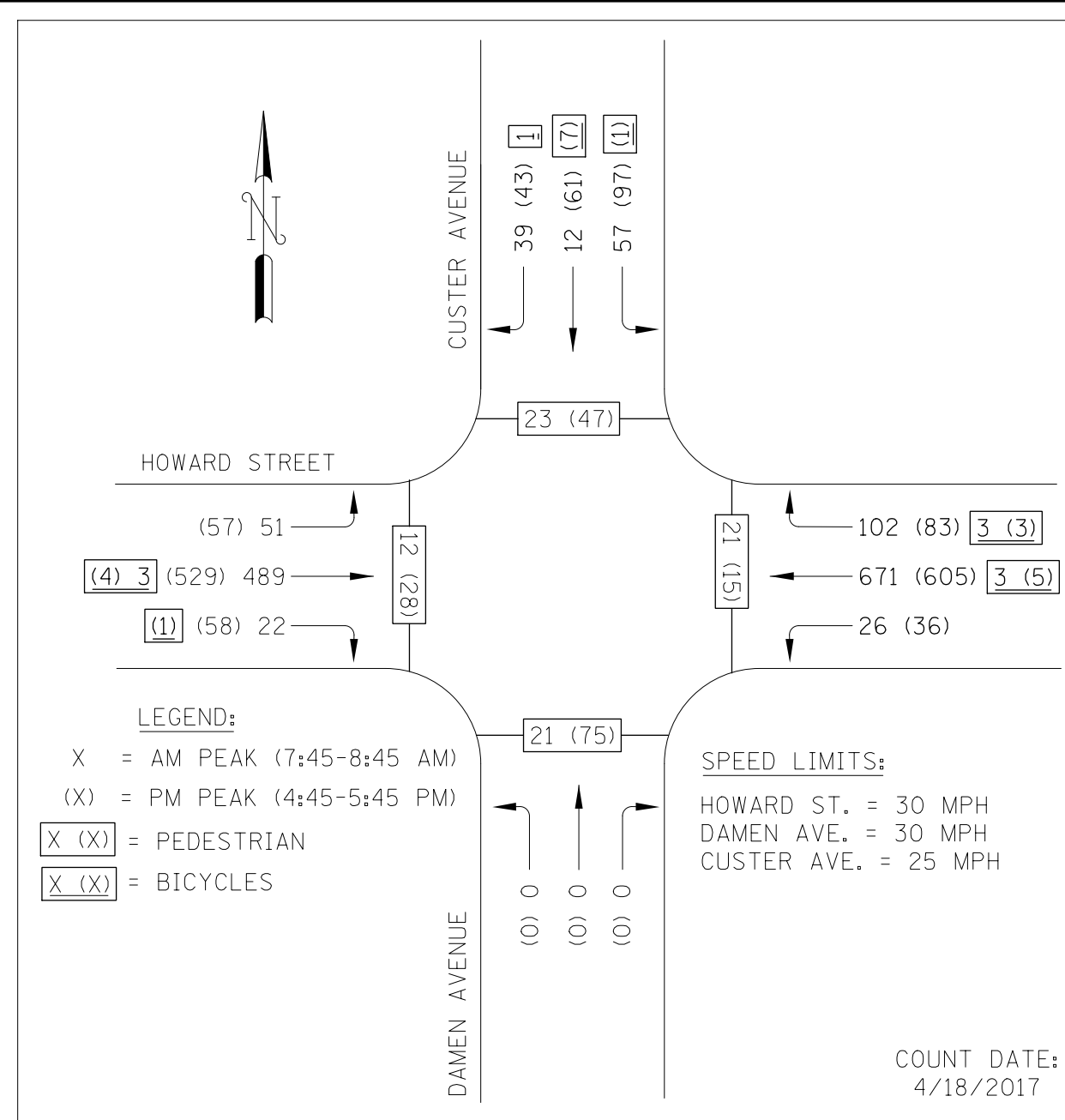
**CBCE** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNALS HOWARD STREET AT WESTERN AVENUE / ASBURY AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER
PROJECT NO.: 190121.0001A			14544
DATE: 12/20/2019			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1334	17-00281-00-RS	COOK	270 178
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

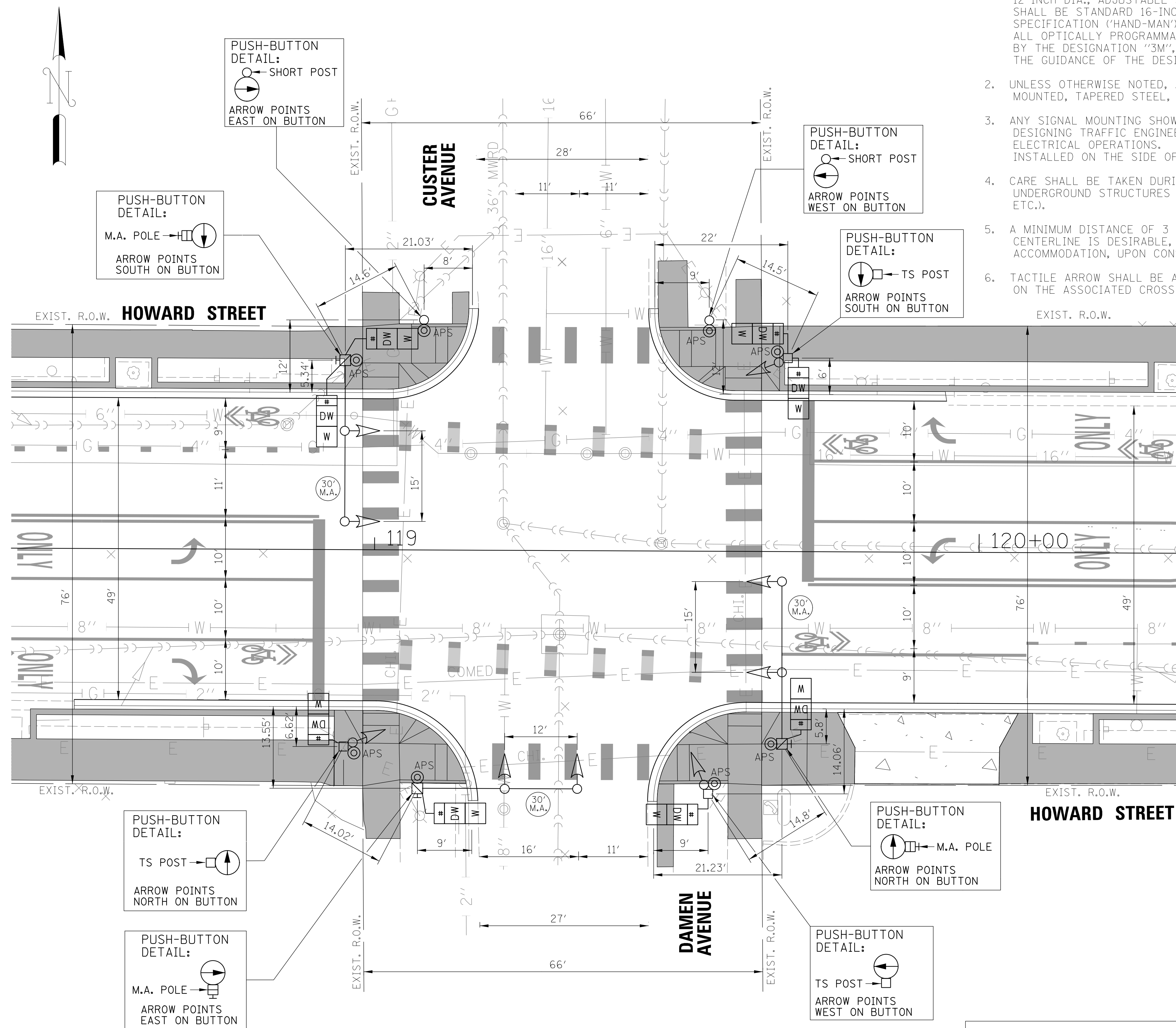
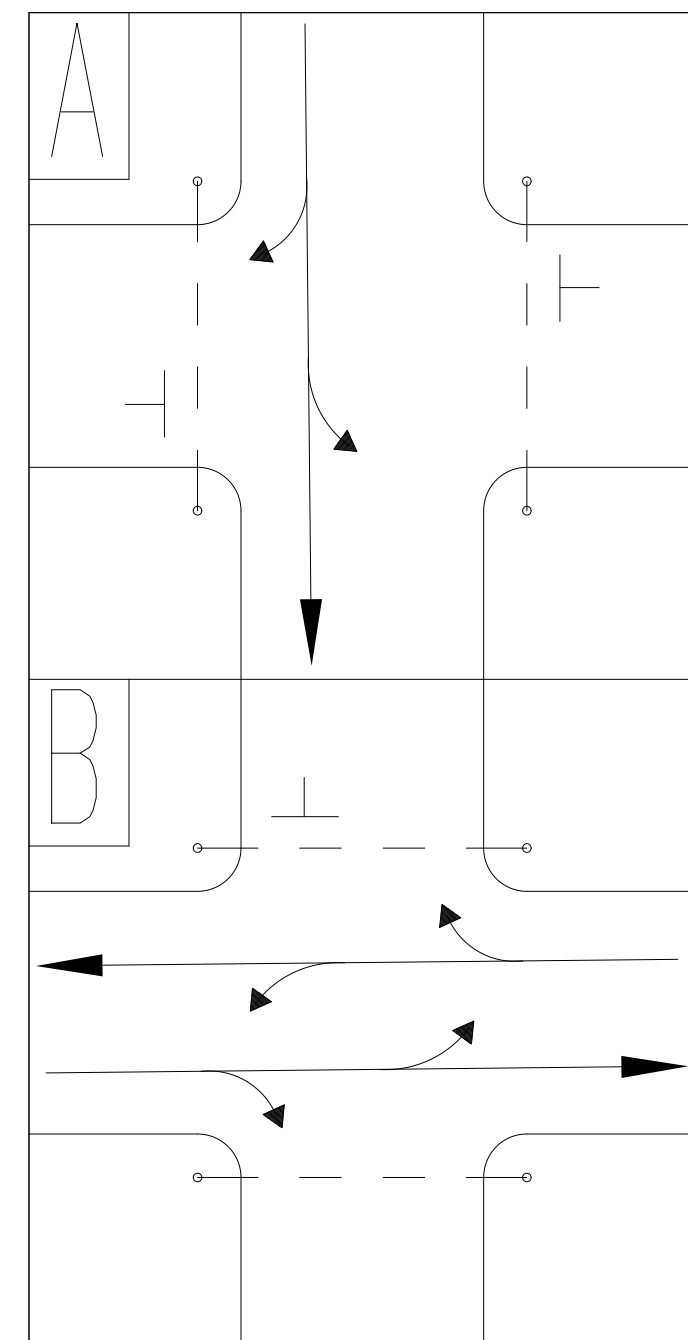
GENERAL NOTES, TRAFFIC SIGNAL REQUIREMENTS

- UNLESS OTHERWISE NOTED ALL VEHICULAR SIGNALS SHALL BE STANDARD 12-INCH DIA., ADJUSTABLE 3-SECTION UNITS, AND ALL PEDESTRIAN SIGNALS SHALL BE STANDARD 16-INCH, ADJUSTABLE, 1-SECTION UNITS WITH I.T.E.-SPECIFICATION ('HAND-MAN') SYMBOLIC LENSES AND COUNTDOWN TIMERS. ALL OPTICALLY PROGRAMMABLE SHALL BE DENOTED BY AN ASTERISK (\*), OR BY THE DESIGNATION '3M', AND SHALL BE AIMED AND PROGRAMMED WITH THE GUIDANCE OF THE DESIGNING TRAFFIC ENGINEER.
- UNLESS OTHERWISE NOTED, ALL MAST ARMS SHOWN SHALL BE CANTILEVER MOUNTED, TAPERED STEEL, MONOTUBE ARM.
- ANY SIGNAL MOUNTING SHOWN LABELED IS THE RECOMMENDATION OF THE DESIGNING TRAFFIC ENGINEER, AND SHALL BE FINALIZED BY THE DIVISION OF ELECTRICAL OPERATIONS. ALL SIGNAL HARDWARE SHALL PREFERABLY BE INSTALLED ON THE SIDE OF POLE/PEDESTAL AWAY FROM THE TRAVELED WAY.
- CARE SHALL BE TAKEN DURING CONSTRUCTION TO ACCOMMODATE ANY UNDERGROUND STRUCTURES ENCOUNTERED (VAULTS, MANHOLES, CONDUITS, ETC.).
- A MINIMUM DISTANCE OF 3 FEET FROM CURB FACE TO POLE/PEDESTAL CENTERLINE IS DESIRABLE, BUT MAY BE CHANGED FOR THE ABOVE MENTIONED ACCOMMODATION, UPON CONSULTING WITH THE DESIGNING TRAFFIC ENGINEER.
- TACTILE ARROW SHALL BE ALIGNED PARALLEL TO THE DIRECTION OF TRAVEL ON THE ASSOCIATED CROSSWALK.



**LEGEND**

- PROPOSED PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- PROPOSED TRAFFIC SIGNAL HEAD
- PROPOSED POLE FOR 20' AND 26' MAST ARM
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED ACCESSIBLE PEDESTRIAN PUSH-BUTTON



NO.	BY	DATE	DESCRIPTION	
REVISIONS				
<b>TRAFFIC SIGNAL REQUIREMENTS HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>				
<b>CITY OF CHICAGO</b>				
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER	
PROJECT NO.: 190121.0001A			22933	
DATE: 12/20/2019				
DSGN	DRAWN	CHECK		
EAJ	PA	GMZ		
	FPB			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	179
CONTRACT NO.			61630	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**CGE** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
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 Rosemont, Illinois 60018  
 (847) 823-0500

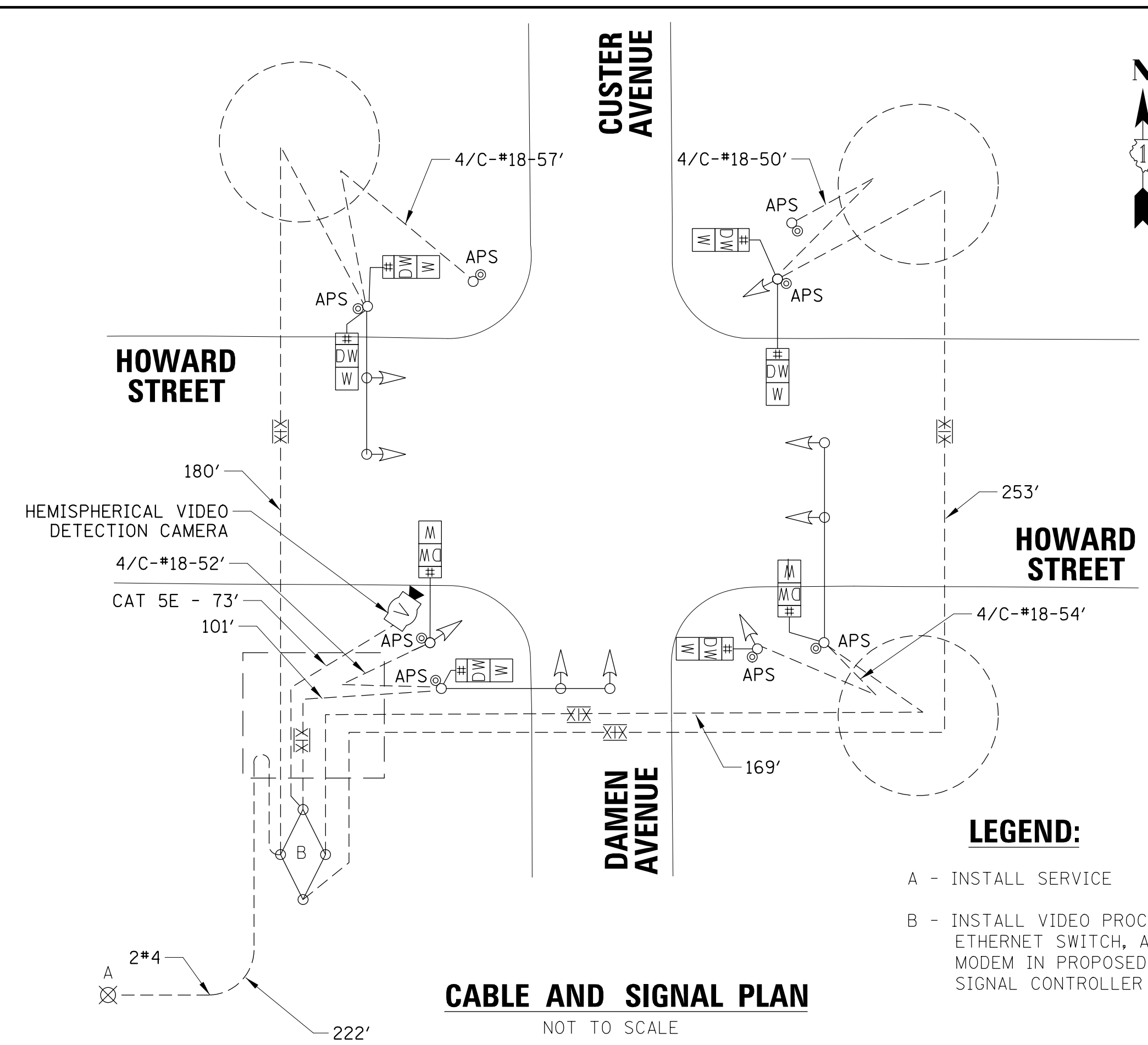
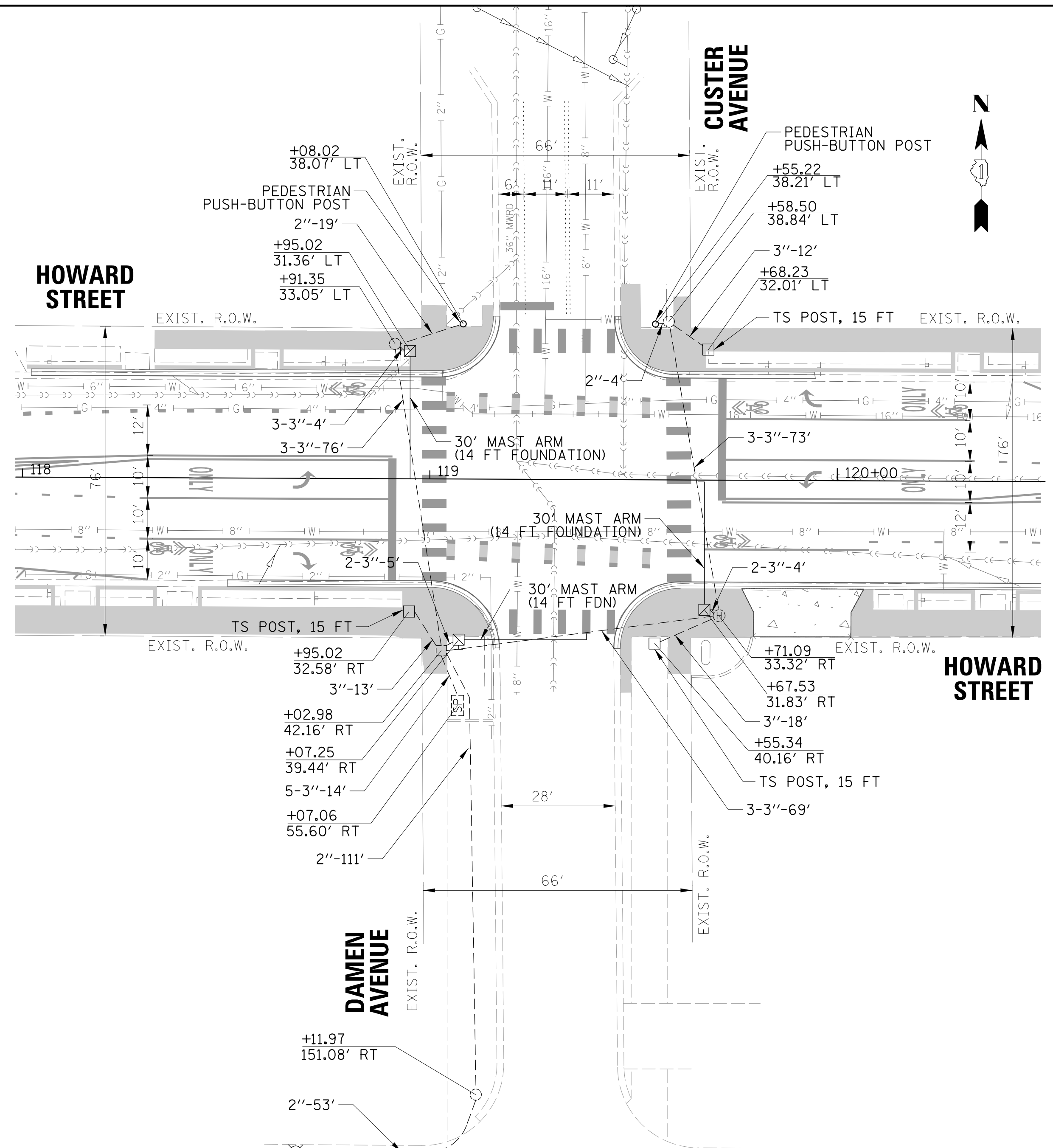
**HOWARD STREET**  
 SACRAMENTO AVENUE TO WINCHESTER AVENUE  
 CORRIDOR IMPROVEMENT PROJECT

FILE NAME = N:\EVANSTON\190121\Traffic\TS12.Damen-Custer_TSR.dgn	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
PLOT SCALE = 1/8"		DRAWN - FPB	REVISED -
PLOT DATE = 12/20/2019		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REQUIREMENTS  
 HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE

SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.



NOTE:  
EACH APS PUSH BUTTON SHALL HAVE 4/C-#18 CABLE BETWEEN ASSOCIATED PEDESTRIAN SIGNAL HEAD.

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC CONTROL SIGNALS HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER
PROJECT NO.: 190121.0001A			22933
DATE: 12/20/2019			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1334	17-00281-00-RS	COOK	270 180
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
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Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

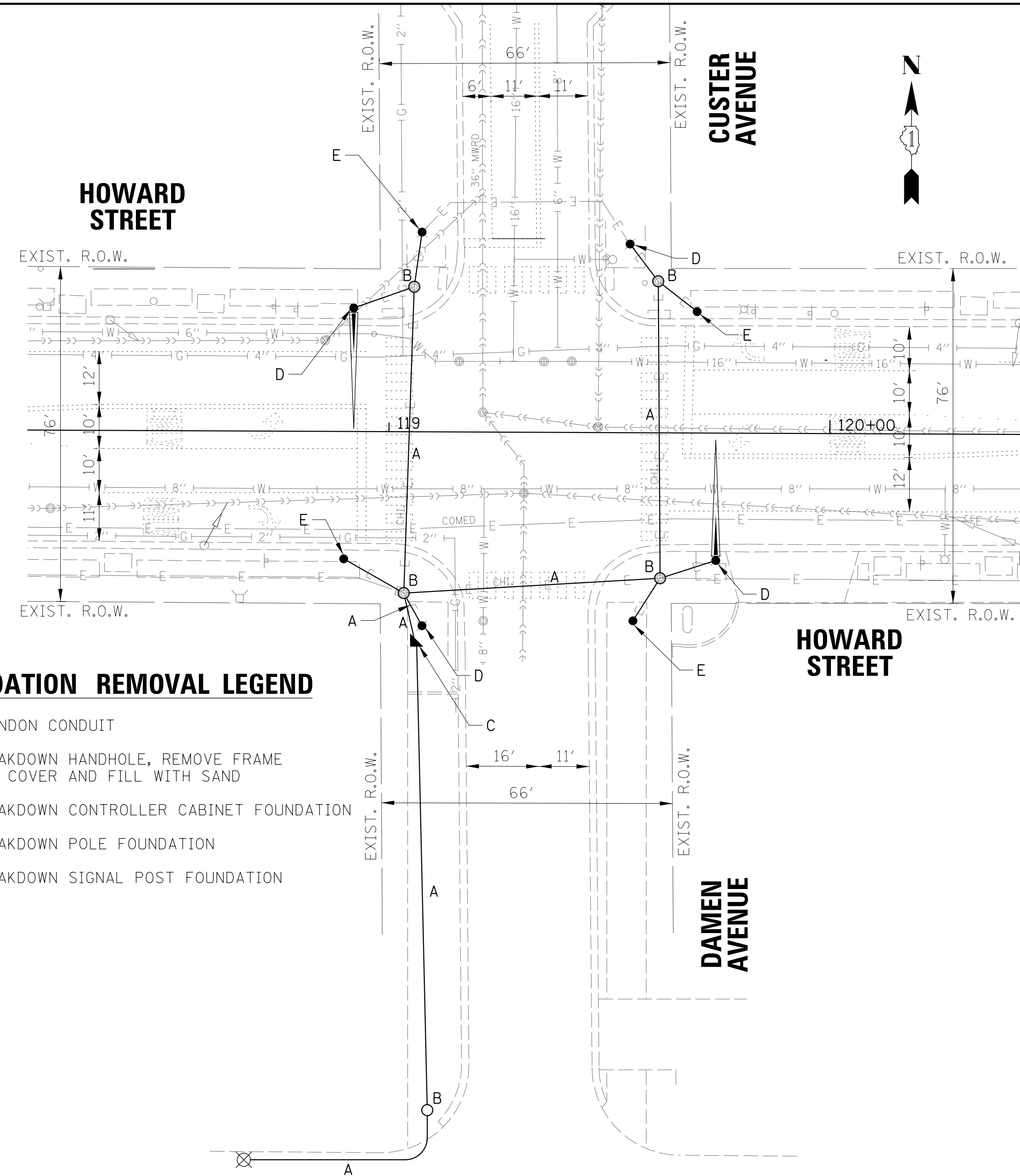
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		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION AND CABLE PLAN  
HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.





**FOUNDATION REMOVAL LEGEND**

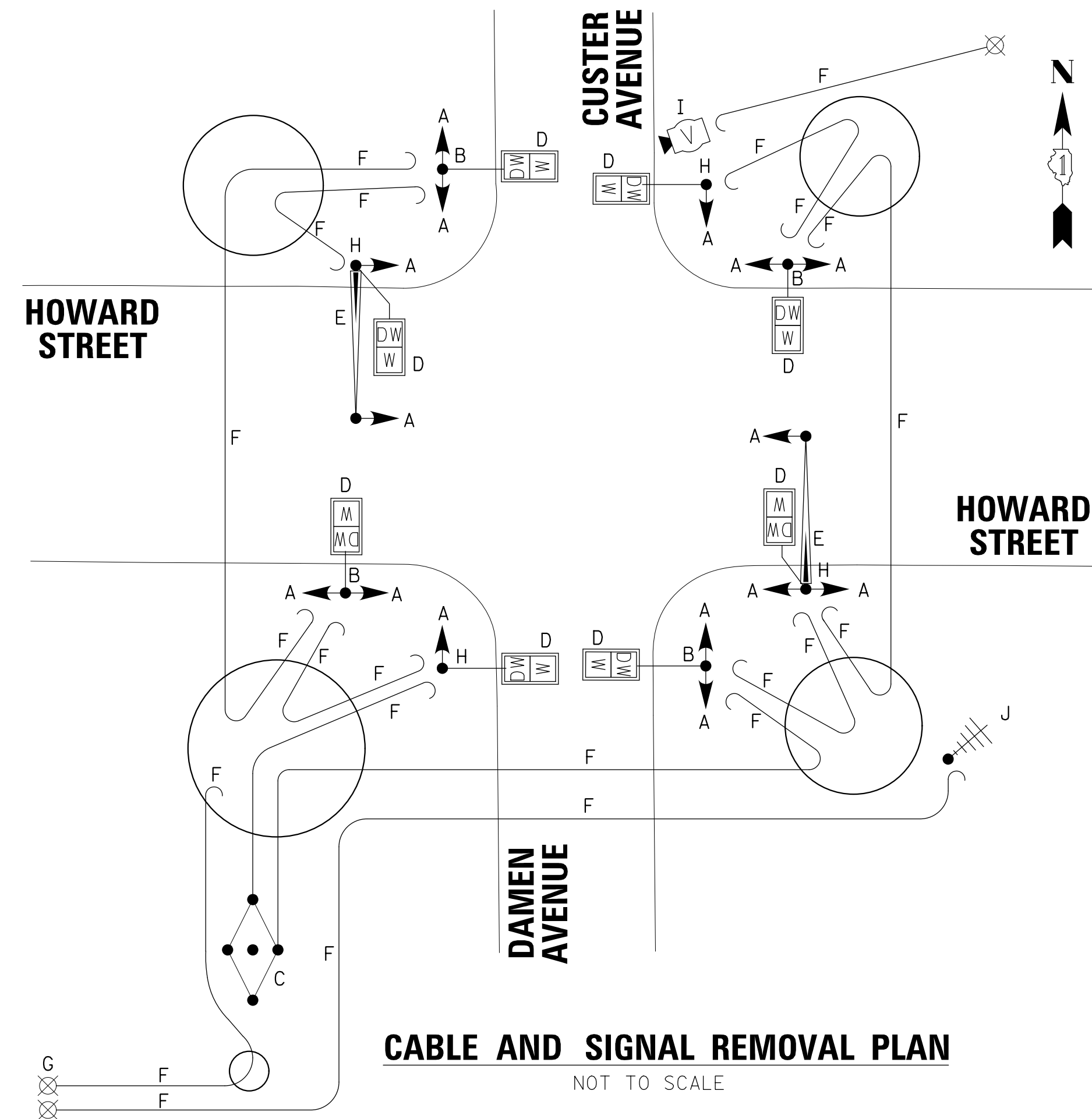
- A ABANDON CONDUIT
- B BREAKDOWN HANDHOLE, REMOVE FRAME AND COVER AND FILL WITH SAND
- C BREAKDOWN CONTROLLER CABINET FOUNDATION
- D BREAKDOWN POLE FOUNDATION
- E BREAKDOWN SIGNAL POST FOUNDATION

**FOUNDATION REMOVAL PLAN**

SCALE: 1" = 20'

**NOTES:**

1. THE CONTRACTOR SHALL PROVIDE TEMPORARY STREET LIGHTS AT HOWARD STREET AND DAMEN AVENUE / CUSTER AVENUE WHEN THE EXISTING LIGHTING IS AFFECTED BY THE PROPOSED IMPROVEMENTS AND LOCATED WITHIN THE PROJECT LIMITS. THE LIGHTING SHALL OPERATE EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS. AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE TEMPORARY LUMINAIRE ARMS WITH 149 WATT LED LUMINAIRE FIXTURES AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL COORDINATE ALL TEMPORARY LIGHTING WITH THE COMMISSIONER.
2. THE CONTRACTOR SHALL RELOCATE THE SURVEILLANCE CAMERA FROM THE EXISTING NE CORNER SIGNAL POLE TO THE TEMPORARY WOOD POLE. THE CONTRACTOR SHALL RELOCATE THE EXISTING ITS EQUIPMENT FROM THE SE CORNER SIGNAL POLE TO THE TEMPORARY WOOD POLE. THE ASSOCIATED COSTS FOR RELOCATING THIS EQUIPMENT SUCH AS: LABOR, FIELD WIRING, COORDINATION, AND NEW CABLES SHALL BE INCLUDED IN THE UNIT COST OF THE RELOCATION PAY ITEM.



**CABLE AND SIGNAL REMOVAL LEGEND:**

- A - REMOVE TRAFFIC SIGNALS
- B - REMOVE TRAFFIC SIGNAL POST
- C - REMOVE TRAFFIC SIGNAL CONTROLLER CABINET
- D - REMOVE PEDESTRIAN SIGNALS
- E - REMOVE STEEL MAST ARM
- F - PULL OUT CABLE
- G - REMOVE POWER SERVICE
- H - REMOVE STEEL TRAFFIC SIGNAL POLE
- I - RELOCATE EXISTING SURVEILLANCE CAMERA
- J - RELOCATE EXISTING ITS EQUIPMENT

**CABLE AND SIGNAL REMOVAL PLAN**

NOT TO SCALE

FILE NAME =	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
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	PLOT DATE = 12/20/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL PLAN AND CABLE REMOVAL PLAN  
HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

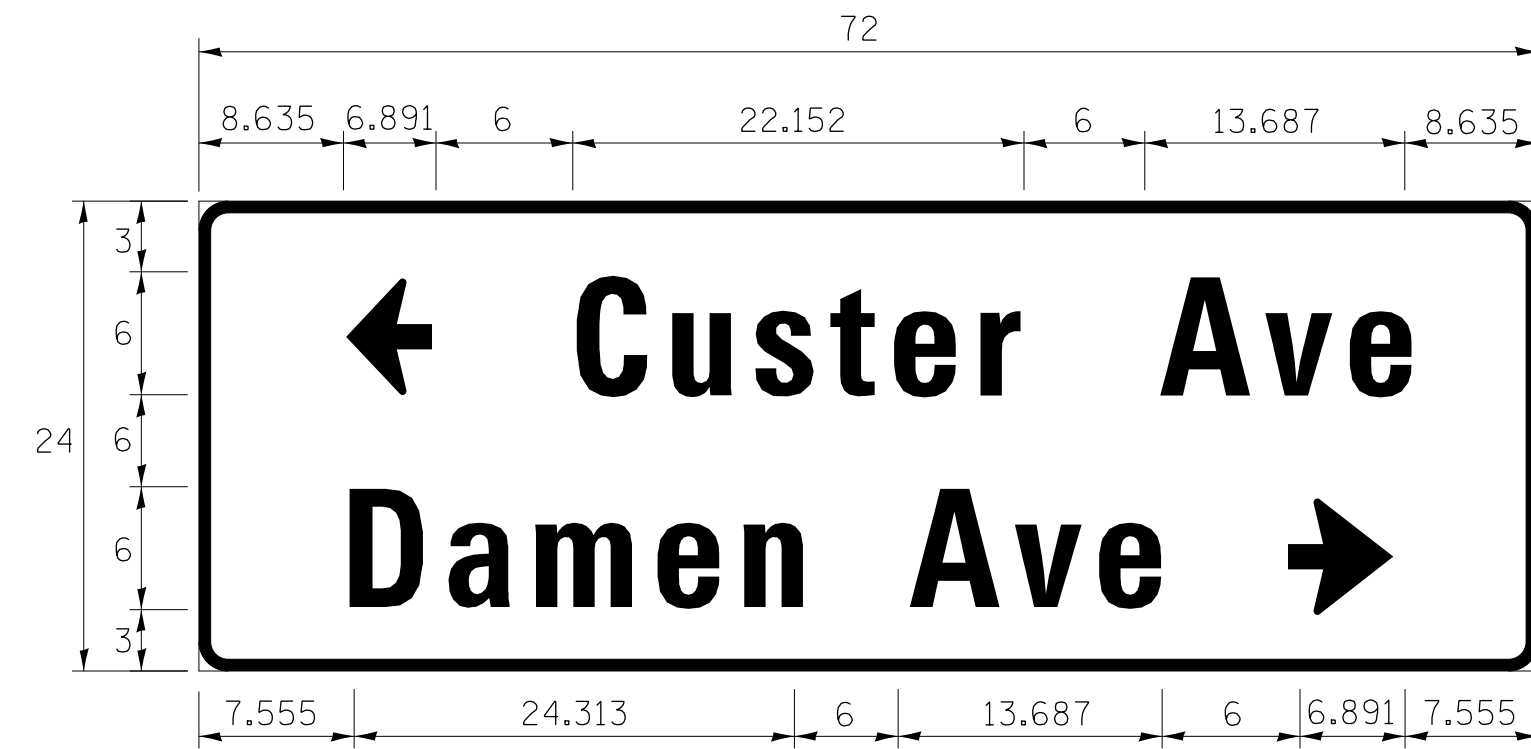
**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

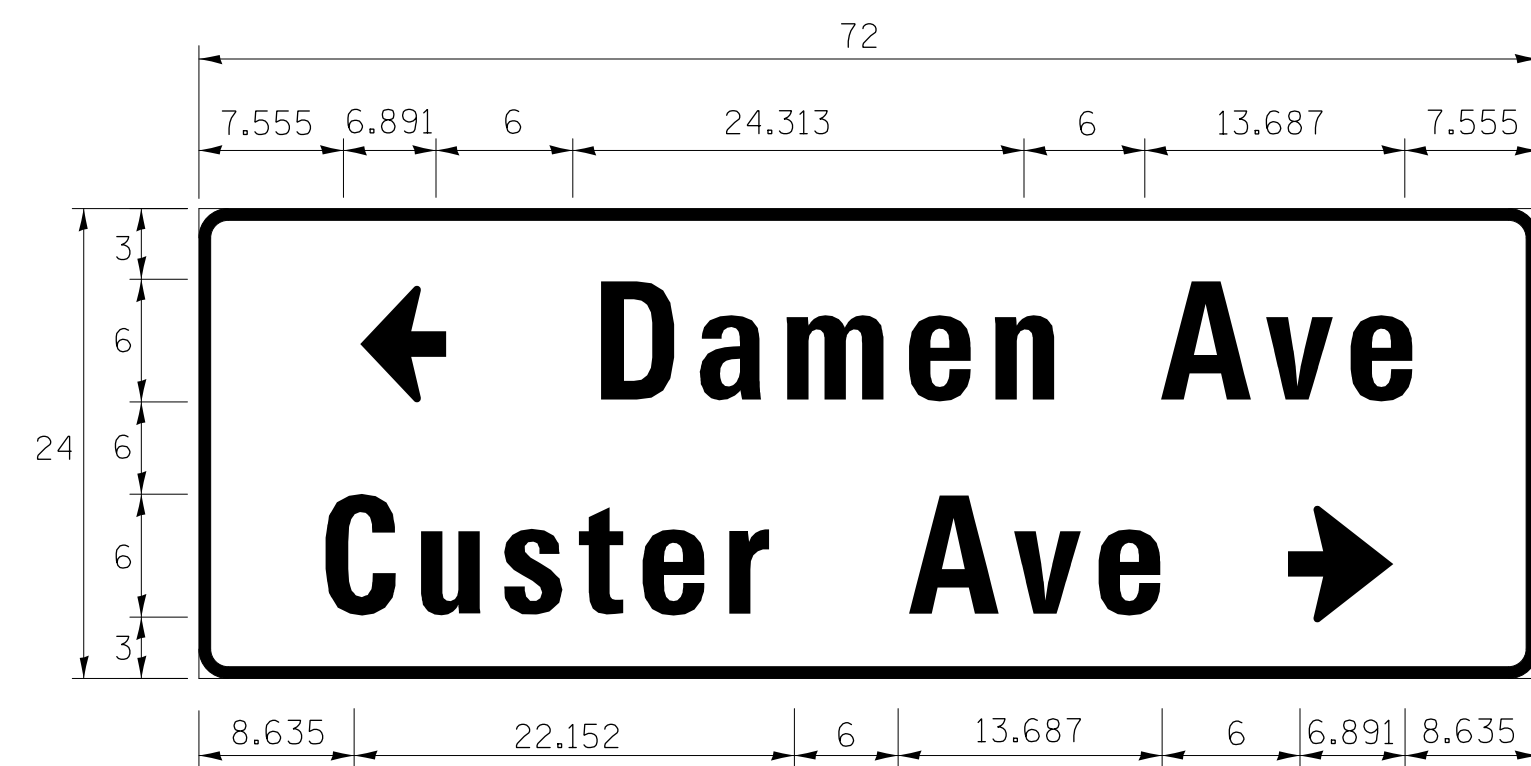
NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNAL REMOVAL PLAN AND CABLE REMOVAL PLAN HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			NUMBER
PROJECT NO.: 190121.0001A			22933
DATE: 12/20/2019			
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1334	17-00281-00-RS	COOK	270 181
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

**STREET NAME SIGNS, MAST ARM MOUNTED**

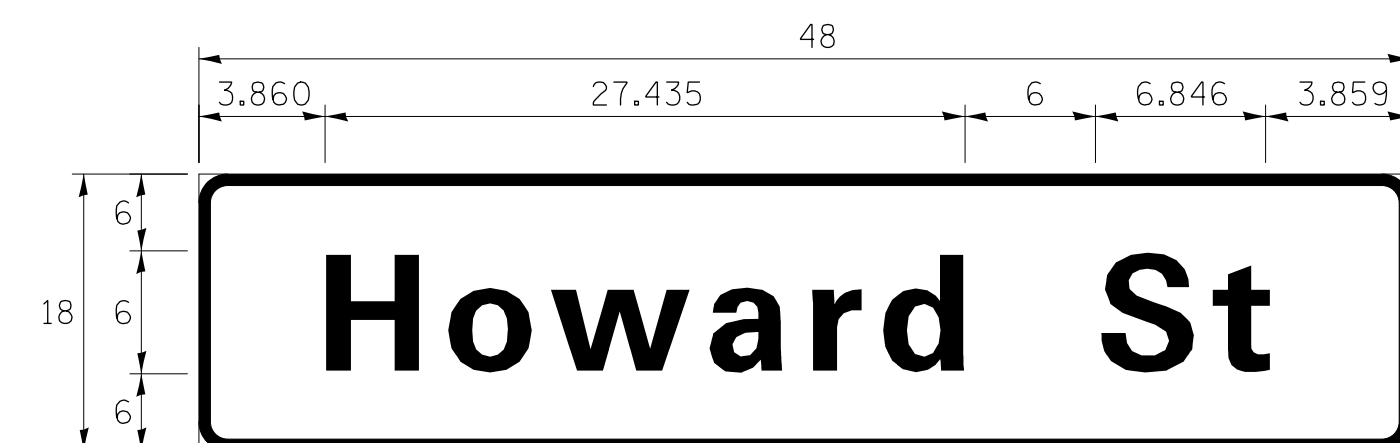
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.0	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.0	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6	1	ZZ	2

NO.	BY	DATE	DESCRIPTION
REVISIONS			

**MAST ARM MOUNTED STREET NAME SIGNS  
HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

**CITY OF CHICAGO**

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**HOWARD STREET**  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT

PROJECT NO.: 190121.0001A		NUMBER
DATE: 12/20/2019		22933
DSGN	DRAWN	CHECK
EAJ	PA	GMZ
	FPB	

FILE NAME = N:\EVANSTON\190121\Traffic\TS15-Damen-Custer-STN.dgn	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
PLOT SCALE = 20'	PLOT DATE = 12/20/2019	DRAWN - FPB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS  
HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

F.A.P. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270	SHEET NO. 182
SCALE: 1" = 20'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
			CONTRACT NO. 61G30	

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL TIMING SCHEDULE**

N. DAMEN AVE. & W. HOWARD ST.

7600 N. / 2000 W.

APPROVED: \_\_\_\_\_  
TRAFFIC ENGINEER

CITY TRAFFIC ENGINEER

PAGE 1 OF 1

DRAWN: \_\_\_\_\_

DATE: \_\_\_\_\_

CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

INSTALLED: \_\_\_\_\_

**Times Of Operation:**

Dial	Offset	ALL TIMES
1	90 SEC.	" "
2	SEC.	" "
3	SEC.	" "
4	SEC.	" "

FLASH OPERATION: R1,R2; W.,DW. -OFF.

SIGNAL INDICATIONS:	PHASE:	INTERVAL:	1	2	3	4	5	6	7	8
DAMEN (SB)	G1		█	█						
"	Y1				█	█				
"	R1						█	█	█	█
HOWARD (EB./WB.)	G2						█	█		
"	Y2								█	█
"	R2		█	█						
WALK (NB./SB.)	W1		█	█						
DON'T WALK	DW1		█	█						
WALK (EB./WB.)	W2						█	█		
DON'T WALK	DW2						█	█		

DIAL 1, PERCENT	8	21	24	27	89	96	99	100%
ELAPSED TIME	0	7	19	22	24	80	86	89
SECONDS/INTERVAL		7	12	3	2	56	6	3

DIAL 2, PERCENT								100%
ELAPSED TIME								
SECONDS/INTERVAL								

DIAL 3, PERCENT								100%
ELAPSED TIME								
SECONDS/INTERVAL								

DIAL 3, PERCENT								100%
ELAPSED TIME								
SECONDS/INTERVAL								

BoEl. Drawg. No.

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TRAFFIC SIGNAL TIMING SCHEDULE HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.: 190121.0001A		NUMBER	
DATE: 12/20/2019		22933	
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
1334	17-00281-00-RS	COOK	270
FED. ROAD DIST. NO.			SHEET NO. 183
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
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**HOWARD STREET**  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT

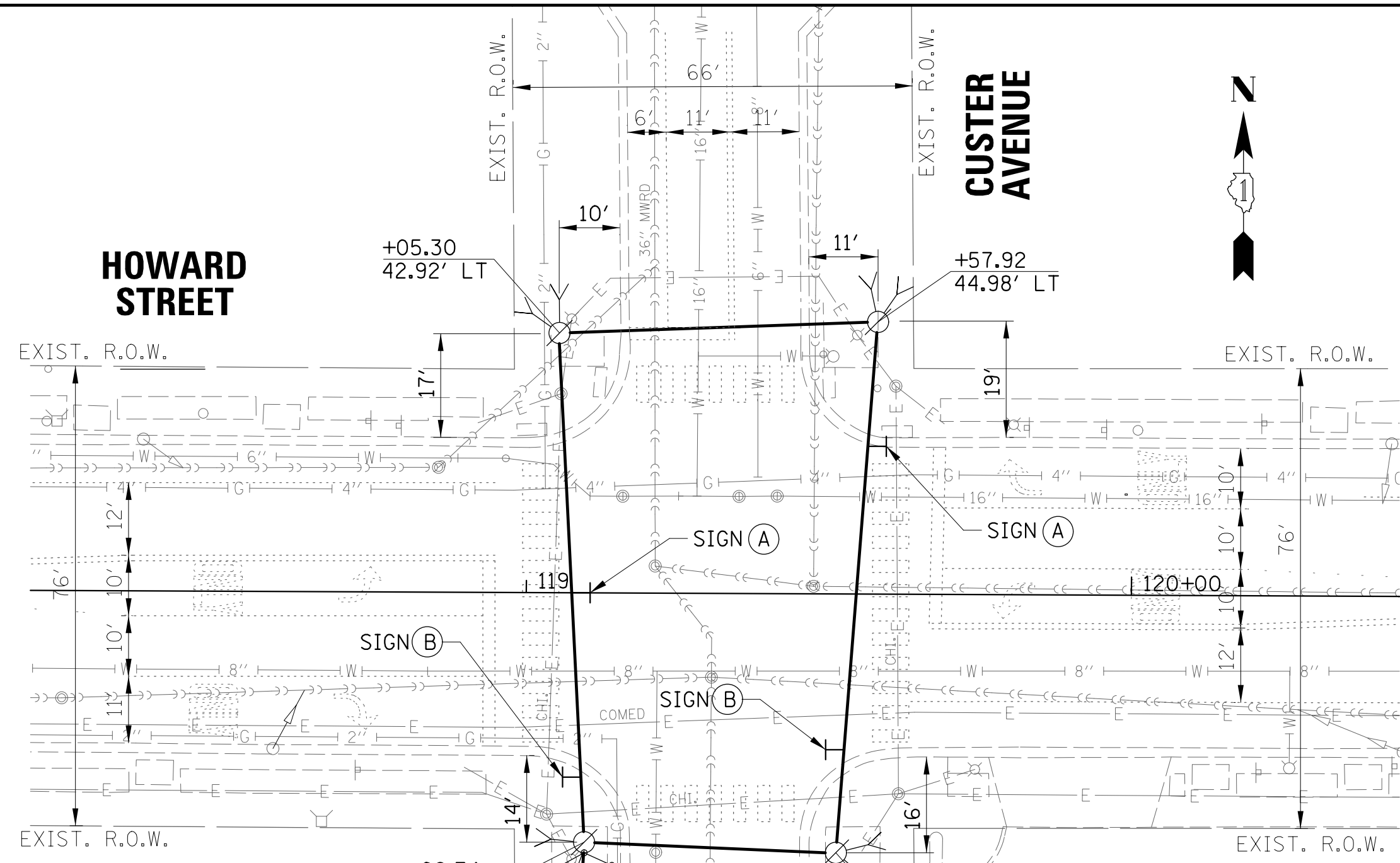
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PLOT SCALE = 20'		DRAWN - FPB	REVISED -
PLOT DATE = 12/20/2019		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL TIMING SCHEDULE  
HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	183
FED. ROAD DIST. NO.			CONTRACT NO. 61G30	
ILLINOIS FED. AID PROJECT				



**TEMPORARY TRAFFIC SIGNAL LEGEND**

- TEMPORARY TRAFFIC SIGNAL HEAD
- SPAN WIRE MOUNTED ORIGINAL LOCATION
- SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE CONSTRUCTION STAGES)
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- DOWN GUY
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- TEMPORARY SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**

SCALE: 1" = 20'

**NOTES:**

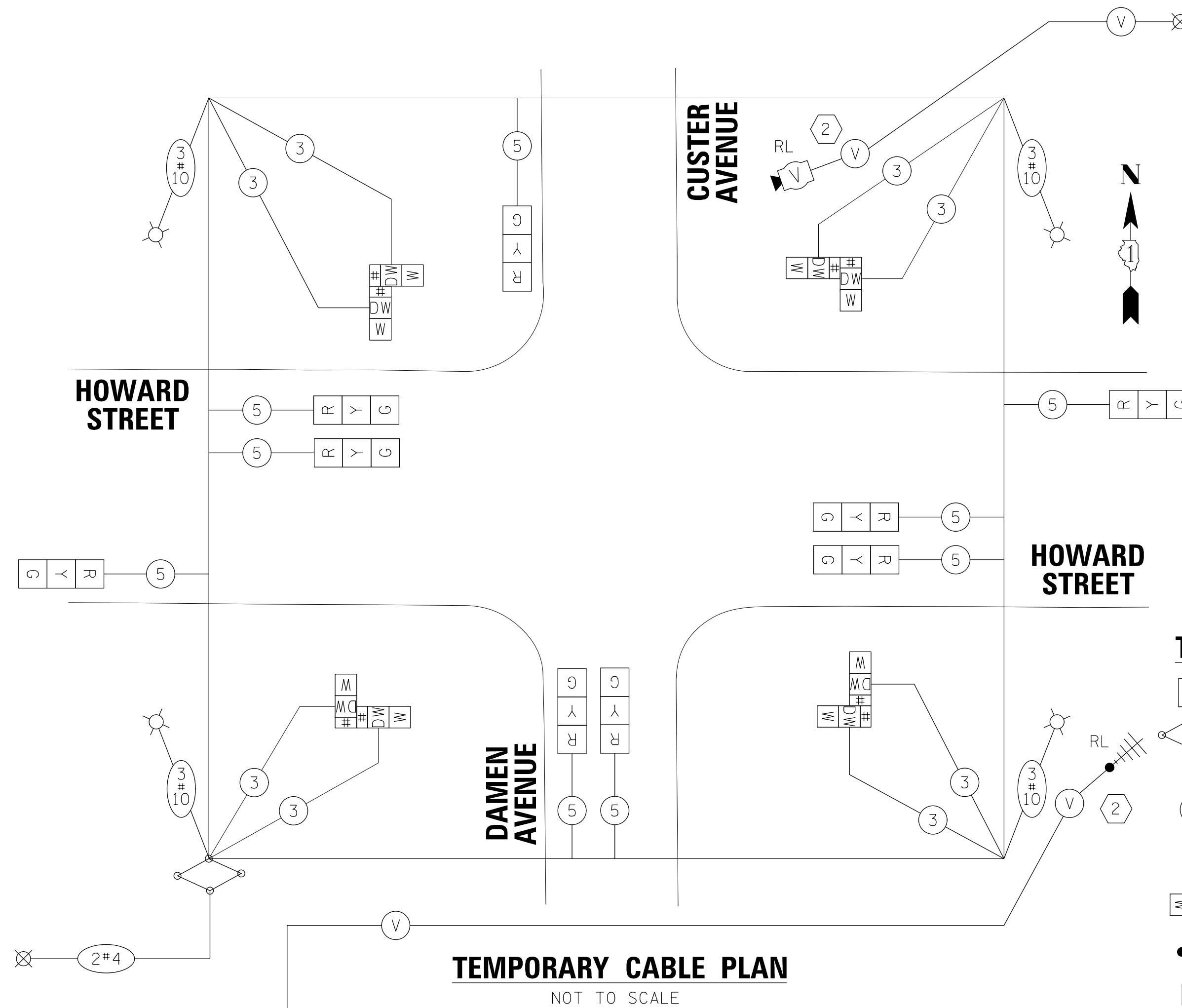
1. THE CONTRACTOR SHALL PROVIDE TEMPORARY STREET LIGHTS AT HOWARD STREET AND DAMEN AVENUE / CUSTER AVENUE WHEN THE EXISTING LIGHTING IS AFFECTED BY THE PROPOSED IMPROVEMENTS AND LOCATED WITHIN THE PROJECT LIMITS. THE LIGHTING SHALL OPERATE EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS. AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE TEMPORARY LUMINAIRE ARMS WITH 149 WATT LED LUMINAIRE FIXTURES AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL COORDINATE ALL TEMPORARY LIGHTING WITH THE COMMISSIONER.

2. THE CONTRACTOR SHALL RELOCATE THE SURVEILLANCE CAMERA FROM THE EXISTING NE CORNER SIGNAL POLE TO THE TEMPORARY WOOD POLE. THE CONTRACTOR SHALL RELOCATE THE EXISTING ITS EQUIPMENT FROM THE SE CORNER SIGNAL POLE TO THE TEMPORARY WOOD POLE. THE ASSOCIATED COSTS FOR RELOCATING THIS EQUIPMENT SUCH AS: LABOR, FIELD WIRING, COORDINATION, AND NEW CABLES SHALL BE INCLUDED IN THE UNIT COST OF THE RELOCATION PAY ITEM.

3. DAMEN AVENUE SHALL OPERATE AS A ONE-WAY FOR SOUTHBOUND TRAFFIC. ONCE THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IS ENERGIZED, THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY SIGNAGE FOR THIS NEW ONE-WAY OPERATION. SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN FOR MORE DETAILS. FURNISHING, MAINTAINING, AND REMOVING THIS TEMPORARY SIGNAGE IS INCLUDED IN THE UNIT COST OF PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.

**SIGN LEGEND:**

- SIGN (A) R3-2 24" x 24" 2-REQUIRED
- SIGN (B) R3-1 24" x 24" 2-REQUIRED
- SIGN (C) R6-2 24" x 30" 1-REQUIRED
- SIGN (D) R3-5 30" x 36" 1-REQUIRED
- SIGN (E) R5-1 36" x 36" 2-REQUIRED



**TEMPORARY CABLE PLAN LEGEND:**

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED
- TEMPORARY LIGHTING
- TEMPORARY 12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN
- ITS EQUIPMENT
- SURVEILLANCE CAMERA
- CONTRACTOR SUPPLIED CABLE

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.: 190121.0001A		NUMBER	
DATE: 12/20/2019		22933	
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1334	17-00281-00-RS	COOK	270 184
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G30

**CGEB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

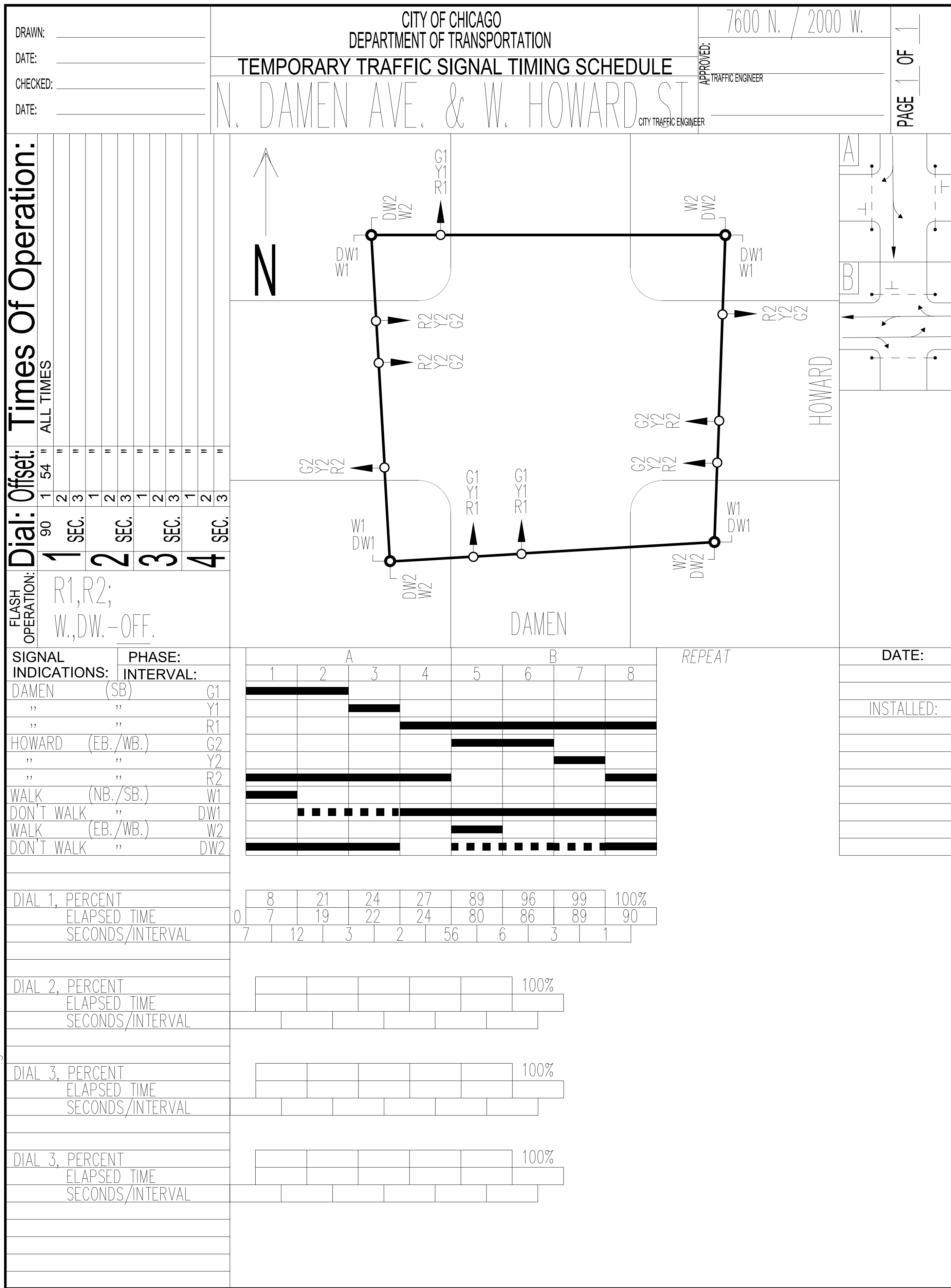
**HOWARD STREET**  
 SACRAMENTO AVENUE TO WINCHESTER AVENUE  
 CORRIDOR IMPROVEMENT PROJECT

FILE NAME = N:\EVANSTON\190121\Tr\effic\TS17-Damen-Custer_TMP.dgn	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
PLOT SCALE = 20'		DRAWN - FPB	REVISED -
PLOT DATE = 12/20/2019		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND CABLE PLAN**  
**HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



BoEl. Drawg. No.

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
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**HOWARD STREET**  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>TEMPORARY TRAFFIC SIGNAL TIMING SCHEDULE HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION</b> DIVISION OF PROJECT DEVELOPMENT			
PROJECT NO.: 190121.0001A		NUMBER	
DATE: 12/20/2019		22933	
DSGN	DRAWN	CHECK	
EAJ	PA	GMZ	
	FPB		

FILE NAME = N:\EVANSTON\190121\Traffic\TS18-Damen-Custer_TMP_Sch.dgn	USER NAME = pmagnelli	DESIGNED - EAJ	REVISED -
		DRAWN - FPB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL TIMING SCHEDULE**  
**HOWARD STREET AT DAMEN AVENUE /CUSTER AVENUE**

F.A.P. RTE. 1334	SECTION 17-00281-00-RS	COUNTY COOK	TOTAL SHEETS 270	SHEET NO. 185
SCALE: 1" = 20'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
			CONTRACT NO. 61G30	

## STREET LIGHTING GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE CITY OF EVANSTON, CITY OF CHICAGO AND IDOT BEFORE THE START OF WORK, ANY COST FOR THE PERMIT SHALL BE INCIDENTAL.
2. PRIOR TO PERFORMING ANY ELECTRICAL WORK THE CONTRACTOR SHALL REQUEST AN INSPECTION AND MAINTENANCE TRANSFER OF THE EXISTING LIGHTING SYSTEM, A MINIMUM OF 5 DAYS, FROM THE CITY OF CHICAGO INSPECTION SERVICES. CONTACT MR. MIKE MACZKA AT (773) 720-1908; FOR CITY OF EVANSTON CONTACT MR. TOM TWIGG AT (847) 448-8298.
3. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY EQUIPMENT. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT (800) 892-0123, CHICAGO UTILITY ALERT NETWORK (CUAN) AT (312) 744-7000 AND CITY OF CHICAGO OFFICES OF UNDERGROUND COORDINATION.
4. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL COM ED FOR LOCATION APPROVAL.
5. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED.
6. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY THE CONTRACT DRAWINGS AND/OR APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. THE WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
8. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
  - A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS, AS PREPARED BY IDOT (HEREWITH REFERRED TO AS THE STANDARD SPECIFICATIONS)
  - B. THE NATIONAL ELECTRIC CODE
  - C. MUNICIPAL CODE AND STANDARDS
  - D. THE CHICAGO ELECTRICAL CODE
  - E. COM ED STANDARDS AND REQUIREMENTS
  - F. CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS (DEO)
9. THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO SHOW ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS IS TO ILLUSTRATE THE CONCEPTUAL DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS, BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
10. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE ENGINEER AND CHICAGO DIVISION OF ELECTRICAL OPERATIONS (DEO).
11. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH COM ED, CITY OF EVANSTON, CITY OF CHICAGO, OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATION (OEMC), CDOT AND IDOT.
12. THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY CONTROLLER, POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE MECHANICALLY FASTENED, WHITE PLASTIC OR NYLON, WITH A WRITE-ON AREA TO INDICATE CIRCUIT ID'S.
13. CONDUITS INSTALLED IN TRENCH SHALL AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. IF THE CONTRACTOR MUST INCREASE THE TRENCH DEPTH TO AVOID CONFLICTS, THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT. IN THE EVENT A TRENCH CANNOT BE EXCAVATED TO A MINIMUM DEPTH OF 30 INCHES THE CONTRACTOR MUST NOTIFY THE OWNER'S REPRESENTATIVE AND AWAIT WRITTEN DIRECTION ON HOW TO PROCEED.
14. PVC CONDUIT INSTALLED UNDER STREET CROSSINGS AND DRIVEWAYS SHALL BE SCH 80 PVC CONDUIT. PVC CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCH 40 PVC CONDUIT.
15. THE QUANTITIES OF CONDUIT AND WIRING INDICATED ON THE DRAWINGS ARE APPROXIMATIONS. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS OF PROPOSED CONDUIT AND WIRING.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE.
17. THE CENTER LINE OF THE LIGHT POLE SHALL BE 3 FEET BEHIND THE FACE OF CURB. THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.
18. CONTRACTOR SHALL USE A STANDARD CONCRETE FOUNDATION WHEREVER POSSIBLE. IF UTILITY CONFLICTS PROHIBIT THE USE OF A STANDARD CONCRETE FOUNDATION, THE CONTRACTOR SHALL CONSULT WITH OWNER'S REPRESENTATIVE PRIOR TO THE USE OF AN OFFSET FOUNDATION.
19. CONTRACTOR SHALL REMOVE ANY DEBRIS AND WATER LOCATED WITHIN EXISTING HAND HOLES AND MANHOLES PRIOR TO DRILLING/CORING STRUCTURE. EXISTING CABLES SHALL BE GROUPED, LABELED AND COILED ON EXISTING CABLE HOOKS. CONTRACTOR SHALL FURNISH AND INSTALL NEW CABLE RACKS AND HOOKS AS REQUIRED TO FACILITATE NEW CABLE INSTALLATION.
20. THE CONTRACTOR MUST REFER TO THE TRAFFIC SIGNAL DRAWINGS FOR TRAFFIC SIGNAL AND CONTROL WORK AFFECTED BY PROPOSED STREET LIGHTING IMPROVEMENTS.
21. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES, CONTROLLERS AND HANDHOLES/MANHOLES FOR EXAMINATION BY THE ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITIES SHALL BE LOCATED PRIOR TO MARKING PROPOSED LIGHTING EQUIPMENT LOCATIONS.

## STREET LIGHTING GENERAL NOTES (CONTINUED)

23. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO FULL SIZE SETS OF RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATION OF ALL LIGHT POLES, UNDERGROUND CONDUIT/WIRING, HANDHOLES AND CONTROL CABINETS. THE RECORD DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
24. UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS. ALL ELECTRICAL TESTING SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND DEO.
25. CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT AS SPECIFIED, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE, SHALL BE REMOVED AS PART OF THIS CONTRACT AND REMAIN THE PROPERTY OF THE CITY. EQUIPMENT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
26. CONTRACTOR SHALL COORDINATE WORK TO REMOVE AND RELOCATE EXISTING LIGHT POLES THAT HAVE CROWN CASTLE AND VERIZON EQUIPMENT MOUNTED TO THEM WITH THE EQUIPMENT OWNER'S, CDOT AND IDOT ACCORDINGLY. ANY COSTS TO RELOCATE EQUIPMENT SHALL BE SUBMITTED AND PAID FOR IN ACCORDANCE WITH SECTION 109.05 OF THE STANDARD SPECIFICATIONS. CONTACT INFORMATION FOR CROWN CASTLE AND VERIZON REPRESENTATIVES THAT ASSISTED WITH THE PROJECT DURING DESIGN ARE PROVIDED UNDER THE PROJECT CONTACT LIST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INITIATE CONTACT WITH EQUIPMENT OWNER'S.

## PROJECT CONTACT INFORMATION

### CITY OF EVANSTON

**SAT NAGAR, P.E.**  
SENIOR PROJECT MANAGER  
snagar@cityofevanston.org  
(847) 866-2967

**TOM TWIGG**  
TRAFFIC OPERATIONS SUPERVISOR  
ttwigg@cityofevanston.org  
(847) 448-8298

**DMITRY SHUB, CISSP**  
CHIEF INFORMATION SECURITY OFFICER  
dshub@cityofevanston.org  
(847) 448-8074

**DEMITROUS COOK**  
CHIEF OF POLICE  
dcook@cityofevanston.org  
(847) 866-5000

**JOSEPH DUGAN**  
DEPUTY CHIEF  
jdugan@cityofevanston.org  
(847) 866-5000

### VERIZON WIRELESS

**MATT DUBOWSKI**  
ENGINEER IV SPEC-REAL ESTATE/REGULATORY NETWORK REAL ESTATE - GREAT LAKES  
matt.dubowski@verizonwireless.com  
(847) 431-3046

### CDOT

**ANDRES MEDRANO**  
CIVIL ENGINEER III  
andres.medrano@cityofchicago.org  
(312) 744-4465

**FRANK KELLY**  
OFFICE OF EMERGENCY MANAGEMENT & COMMUNICATIONS (OEMC)  
frank.kelly@cityofchicago.org  
(312) 746-9238

### COM ED

**LARRY SHANK**  
NEW BUSINESS REPRESENTATIVE  
larry.shank@comed.com  
(847) 816-5465

### CROWN CASTLE

**BRANDEN WOODARD**  
SUPPORT SERVICES PROJECT MANAGER  
SiteMods.Central@crowncastle.com  
(724) 416-2537

### JULIE

(800) 892-0123

### CHICAGO UTILITY ALERT NETWORK (CUAN)

(312) 744-7000

## ABBREVIATIONS

A	AMPS
BOC	BACK OF CURB
CKT	CIRCUIT
CNC	COILABLE NON-METALLIC
DIA	DIAMETER
FT	FOOT
FOC	FACE OF CURB
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER
GND	GROUND
HD	HEAVY DUTY
HDPE	HIGH DENSITY POLYETHYLENE
HH	HAND HOLE
HPS	HIGH PRESSURE SODIUM
LGT	LIGHTING
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
ROW	RIGHT OF WAY
SCH	SCHEDULE
SS	STAINLESS STEEL
STA	STATION
V	VOLTS
W	WATTS
WR	WEATHER RESISTANT
B+P	BORED AND PULLED
EX P1/P1	EXISTING/PROPOSED LIGHT POLE NUMBER (FOR REFERENCE DURING CONSTRUCTION)

### CAUTION NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED TO THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

THE CITY OF EVANSTON WILL OWN AND MAINTAIN THE PROPOSED STREET LIGHTING SYSTEMS ALONG THE NORTH SIDE OF HOWARD STREET (STA. 55+00 TO STA. 123+50). THE CITY OF CHICAGO WILL OWN AND MAINTAIN THE PROPOSED STREET LIGHTING SYSTEMS ALONG THE SOUTH SIDE OF HOWARD STREET (STA. 55+00 TO STA. 123+50) AND ALL TRAFFIC SIGNALS.

SURVEYED PLOTTED AT 10:00 AM CHECKED BY DATE	SURVEYED PLOTTED AT 10:00 AM CHECKED BY DATE
PLAN NOTE BOOK NO.	PLAN NOTE BOOK NO.
PROFILE NOTE BOOK NO.	PROFILE NOTE BOOK NO.

**CHRISTOPHER B. BURKE**  
ENGINEERING, LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK/KB	REVISED -	DRAWN DRK/KB	REVISED -	CHECKED AJD/KB	REVISED -	PLOT DATE = 1/14/2020	DATE 1/14/2020	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STREET LIGHTING GENERAL NOTES HOWARD STREET CORRIDOR IMPROVEMENT PROJECT CHICAGO AND EVANSTON, ILLINOIS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
													1334	17-00281-00-RS	COOK	270	186
												CONTRACT NO. 61G30					
												ILLINOIS FED. AID PROJECT					

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	
DATE:	1/14/2020		
DSGN	DRAWN	CHECK	
KB	DRK	AJD	



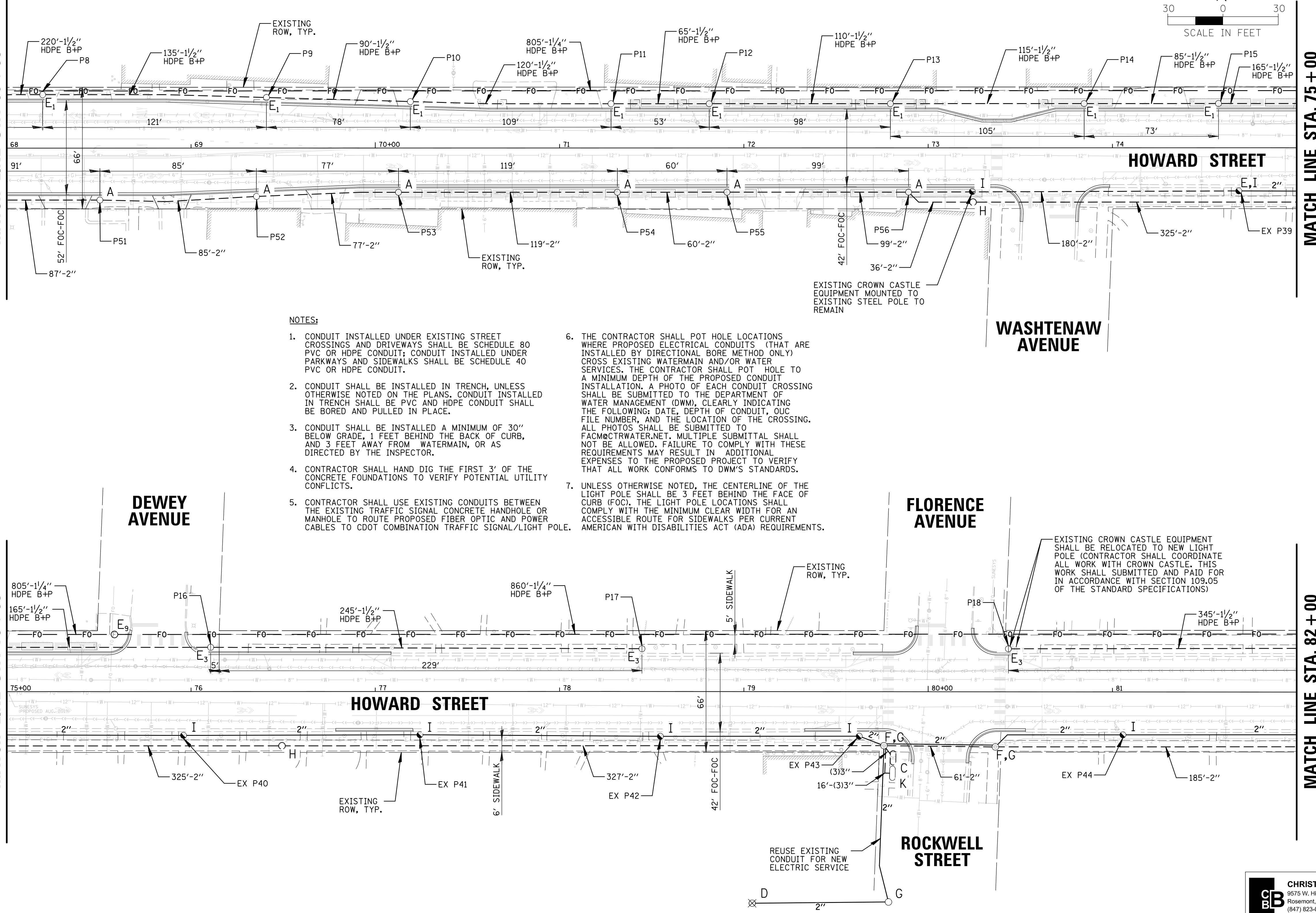
DATE	BY	DATE	BY
PLAN	NO.	PROFILE	NO.
NO.		NO.	
NO.		NO.	

FILE NAME	USER NAME	DESIGNED	REVISED
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		DRAWN	REVISED
		DRK/KB	-
		CHECKED	REVISED
		AJD/KB	-
		DATE	REVISED
		1/14/2020	-



MATCH LINE STA. 68 + 00

MATCH LINE STA. 75 + 00



- NOTES:**
- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS AND DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
  - CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC AND HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.
  - CONDUIT SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE, 1 FEET BEHIND THE BACK OF CURB, AND 3 FEET AWAY FROM WATERMAIN, OR AS DIRECTED BY THE INSPECTOR.
  - CONTRACTOR SHALL HAND DIG THE FIRST 3' OF THE CONCRETE FOUNDATIONS TO VERIFY POTENTIAL UTILITY CONFLICTS.
  - CONTRACTOR SHALL USE EXISTING CONDUITS BETWEEN THE EXISTING TRAFFIC SIGNAL CONCRETE HANDHOLE OR MANHOLE TO ROUTE PROPOSED FIBER OPTIC AND POWER CABLES TO CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE.
  - THE CONTRACTOR SHALL POT HOLE LOCATIONS WHERE PROPOSED ELECTRICAL CONDUITS (THAT ARE INSTALLED BY DIRECTIONAL BORE METHOD ONLY) CROSS EXISTING WATERMAIN AND/OR WATER SERVICES. THE CONTRACTOR SHALL POT HOLE TO A MINIMUM DEPTH OF THE PROPOSED CONDUIT INSTALLATION. A PHOTO OF EACH CONDUIT CROSSING SHALL BE SUBMITTED TO THE DEPARTMENT OF WATER MANAGEMENT (DWM), CLEARLY INDICATING THE FOLLOWING: DATE, DEPTH OF CONDUIT, OUC FILE NUMBER, AND THE LOCATION OF THE CROSSING. ALL PHOTOS SHALL BE SUBMITTED TO FACM@CTRWATER.NET. MULTIPLE SUBMITTALS SHALL NOT BE ALLOWED. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
  - UNLESS OTHERWISE NOTED, THE CENTERLINE OF THE LIGHT POLE SHALL BE 3 FEET BEHIND THE FACE OF CURB (FOC). THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.

**CDOT UNDERGROUND FACILITIES IDENTIFIERS**

- A- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
- B- INSTALL 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 937A)
- C- REUSE EXISTING 100A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION FOR PROPOSED 100A BASE MOUNTED RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785 AND 973)
- D- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- F- DRILL EXISTING MANHOLE/HANDHOLE FOR PROPOSED CONDUIT (CHICAGO DWG NO. 814)
- G- CLEAN EXISTING MANHOLE/HANDHOLE
- H- INSTALL 30" HANDHOLE WITH 24" FRAME AND COVER (CHICAGO DWG NO. 867 AND 872)
- I- EXISTING CONCRETE FOUNDATION TO REMAIN
- J- INSTALL 24"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR RELOCATED EXISTING 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 818)
- K- INSTALL 200A BASE MOUNTED STREET LIGHT CONTROLLER FOUNDATION (CHICAGO DWG NO. 785 AND 880)

**EVANSTON UNDERGROUND FACILITIES IDENTIFIERS**

- E<sub>1</sub>- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
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- E<sub>4</sub>- INSTALL 24"x8' OFFSET CONCRETE FOUNDATION (SEE DETAIL ON SHEET 227)
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- E<sub>6</sub>- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
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- E<sub>10</sub>- EXISTING CONCRETE FOUNDATION TO REMAIN
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- E<sub>12</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)
- E<sub>13</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>14</sub>- DRILL EXISTING CONCRETE FOUNDATION OR HANDHOLE

NO.	BY	DATE	DESCRIPTION
REVISIONS			

**HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT**

**CITY OF CHICAGO**

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-363</b>
DATE:	1/14/2020		
DSGN	DRK	CHECK	
KB	DRK	AJD	

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

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

**STREET LIGHTING UNDERGROUND CONDUIT FACILITIES**  
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
**CHICAGO AND EVANSTON, ILLINOIS**

SCALE: 1"=30' SHEET 188 OF 270 SHEETS STA. 68+00 TO STA. 82+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	188
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				



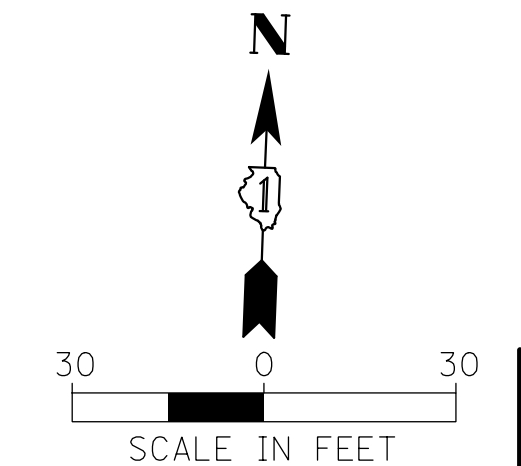
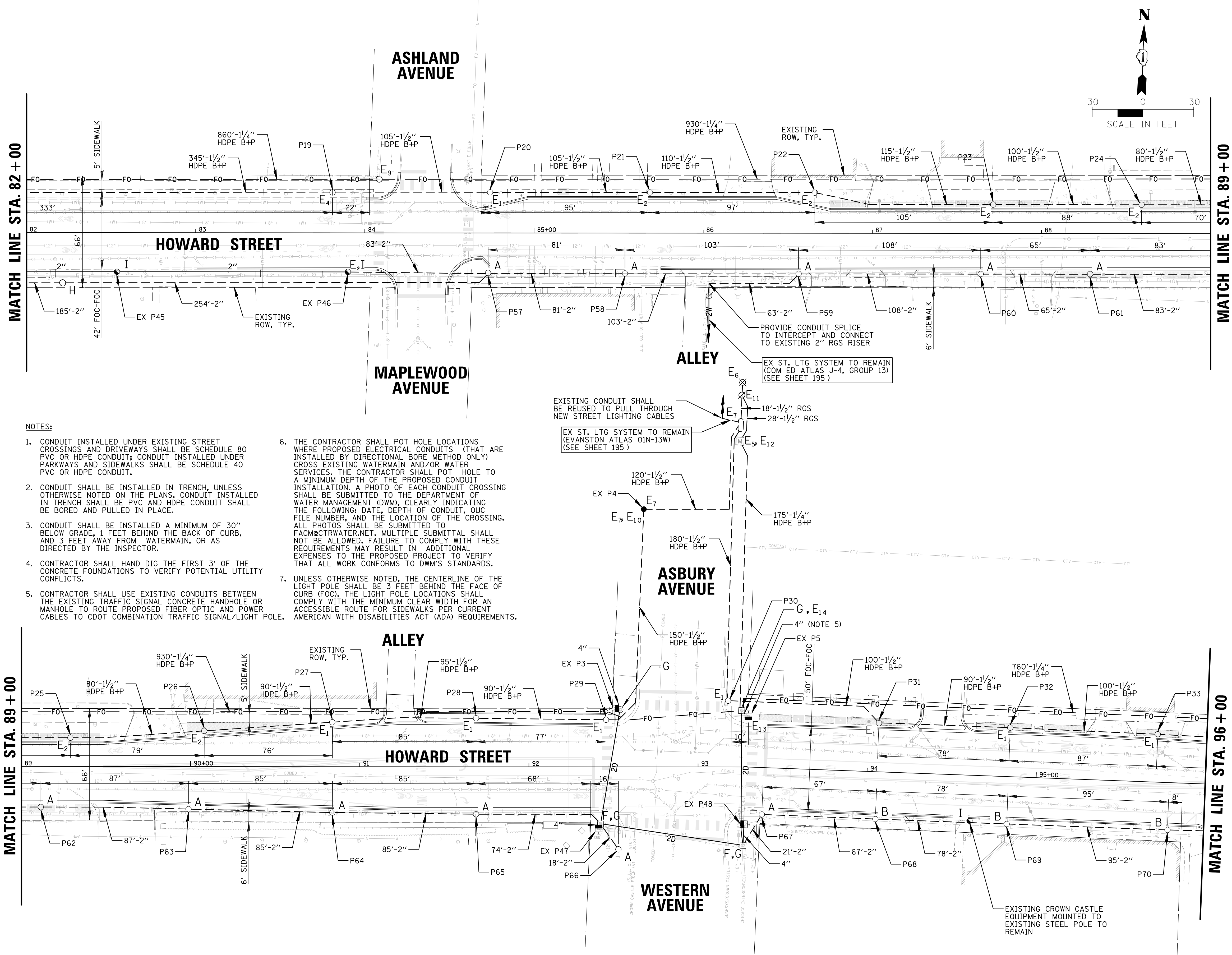
DATE	BY	DATE	BY
PLAN	NOTE BOOK NO.	CHECKED	DATE

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DATE	BY	DATE	BY
PROFILE	NOTE BOOK NO.	CHECKED	DATE

FILE NAME = N:\EVANSTON\190121\Mech\05-LGT\_190121.sht  
 USER NAME = mmichalowicz  
 DESIGNED DRK/KB  
 DRAWN DRK/KB  
 CHECKED AJD/KB  
 DATE 1/7/2020



**NOTES:**

- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS AND DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
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**CDOT UNDERGROUND FACILITIES IDENTIFIERS**

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- E- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- F- DRILL EXISTING MANHOLE/HANDHOLE FOR PROPOSED CONDUIT (CHICAGO DWG NO. 814)
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- J- INSTALL 24"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR RELOCATED EXISTING 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 818)
- K- INSTALL 200A BASE MOUNTED STREET LIGHT CONTROLLER FOUNDATION (CHICAGO DWG NO. 785 AND 880)

**EVANSTON UNDERGROUND FACILITIES IDENTIFIERS**

- E<sub>1</sub>- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
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- E<sub>7</sub>- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
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NO.	BY	DATE	DESCRIPTION
REVISIONS			

**HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT**

**CITY OF CHICAGO**  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-364</b>
DATE:	1/7/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	

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 9575 W. HIGGINS ROAD, SUITE 600  
 ROSEMONT, ILLINOIS 60018  
 (847) 823-0500

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING UNDERGROUND CONDUIT FACILITIES HOWARD STREET CORRIDOR IMPROVEMENT PROJECT CHICAGO AND EVANSTON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	189
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				

SCALE: 1"=30' SHEET 189 OF 270 SHEETS STA. 82+00 TO STA. 96+00

### CDOT UNDERGROUND FACILITIES IDENTIFIERS

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### EVANSTON UNDERGROUND FACILITIES IDENTIFIERS

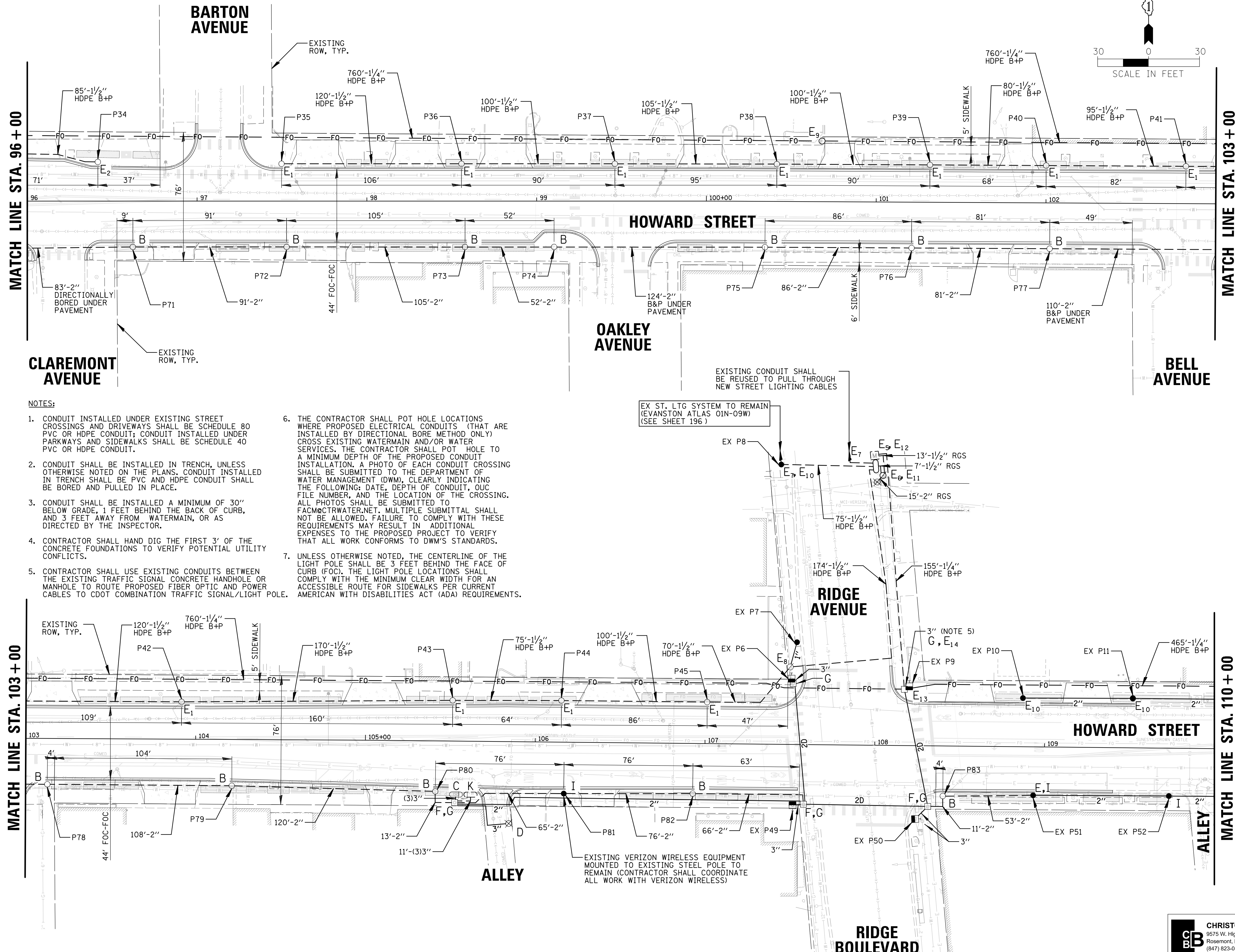
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- E<sub>8</sub>- CLEAN EXISTING MANHOLE/HANDHOLE
- E<sub>9</sub>- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL (SEE DETAIL ON SHEET 228)
- E<sub>10</sub>- EXISTING CONCRETE FOUNDATION TO REMAIN
- E<sub>11</sub>- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE (SEE DETAIL ON SHEET 207)
- E<sub>12</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)
- E<sub>13</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>14</sub>- DRILL EXISTING CONCRETE FOUNDATION OR HANDHOLE

### HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	19-365
DATE:	1/7/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	190
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				



- NOTES:**
- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS AND DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
  - CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC AND HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.
  - CONDUIT SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE, 1 FEET BEHIND THE BACK OF CURB, AND 3 FEET AWAY FROM WATERMAIN, OR AS DIRECTED BY THE INSPECTOR.
  - CONTRACTOR SHALL HAND DIG THE FIRST 3' OF THE CONCRETE FOUNDATIONS TO VERIFY POTENTIAL UTILITY CONFLICTS.
  - CONTRACTOR SHALL USE EXISTING CONDUITS BETWEEN THE EXISTING TRAFFIC SIGNAL CONCRETE HANDHOLE OR MANHOLE TO ROUTE PROPOSED FIBER OPTIC AND POWER CABLES TO CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE.
  - THE CONTRACTOR SHALL POT HOLE LOCATIONS WHERE PROPOSED ELECTRICAL CONDUITS (THAT ARE INSTALLED BY DIRECTIONAL BORE METHOD ONLY) CROSS EXISTING WATERMAIN AND/OR WATER SERVICES. THE CONTRACTOR SHALL POT HOLE TO A MINIMUM DEPTH OF THE PROPOSED CONDUIT INSTALLATION. A PHOTO OF EACH CONDUIT CROSSING SHALL BE SUBMITTED TO THE DEPARTMENT OF WATER MANAGEMENT (DWM), CLEARLY INDICATING THE FOLLOWING: DATE, DEPTH OF CONDUIT, OUC FILE NUMBER, AND THE LOCATION OF THE CROSSING. ALL PHOTOS SHALL BE SUBMITTED TO FACM@CTRWATER.NET. MULTIPLE SUBMITTALS SHALL NOT BE ALLOWED. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
  - UNLESS OTHERWISE NOTED, THE CENTERLINE OF THE LIGHT POLE SHALL BE 3 FEET BEHIND THE FACE OF CURB (FOC). THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.

EX ST. LTC SYSTEM TO REMAIN (EVANSTON ATLAS 01N-09W) (SEE SHEET 196)

EXISTING VERIZON WIRELESS EQUIPMENT MOUNTED TO EXISTING STEEL POLE TO REMAIN (CONTRACTOR SHALL COORDINATE ALL WORK WITH VERIZON WIRELESS)

DATE	BY	DATE	BY
DATE	BY	DATE	BY

ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

DATE	BY	DATE	BY
DATE	BY	DATE	BY

FILE NAME =	USER NAME =	DESIGNED	DRK / KB	REVISED	-
N:\EVANSTON\190121\Mech\06-LGT_190121.sht	michalowicz	DRAWN	DRK / KB	REVISED	-
Default	PLOT SCALE = 30'	CHECKED	AJD / KB	REVISED	-
Default	PLOT DATE = 1/7/2020	DATE	1/7/2020	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING UNDERGROUND CONDUIT FACILITIES  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS

SCALE: 1" = 30' SHEET 190 OF 270 SHEETS STA. 96+00 TO STA. 110+00

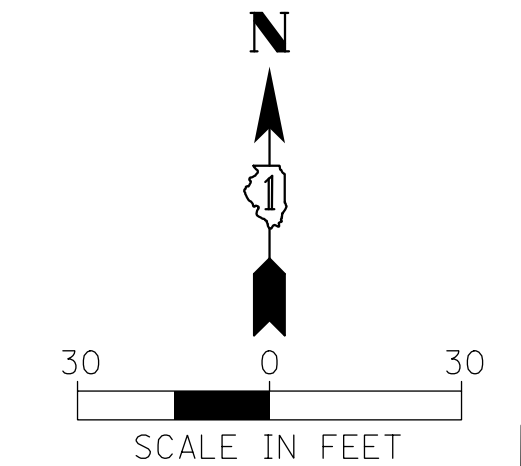
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BY	
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BY	
NO.	

CHRISTOPHER B. BURKE ENGINEERING LTD.  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500



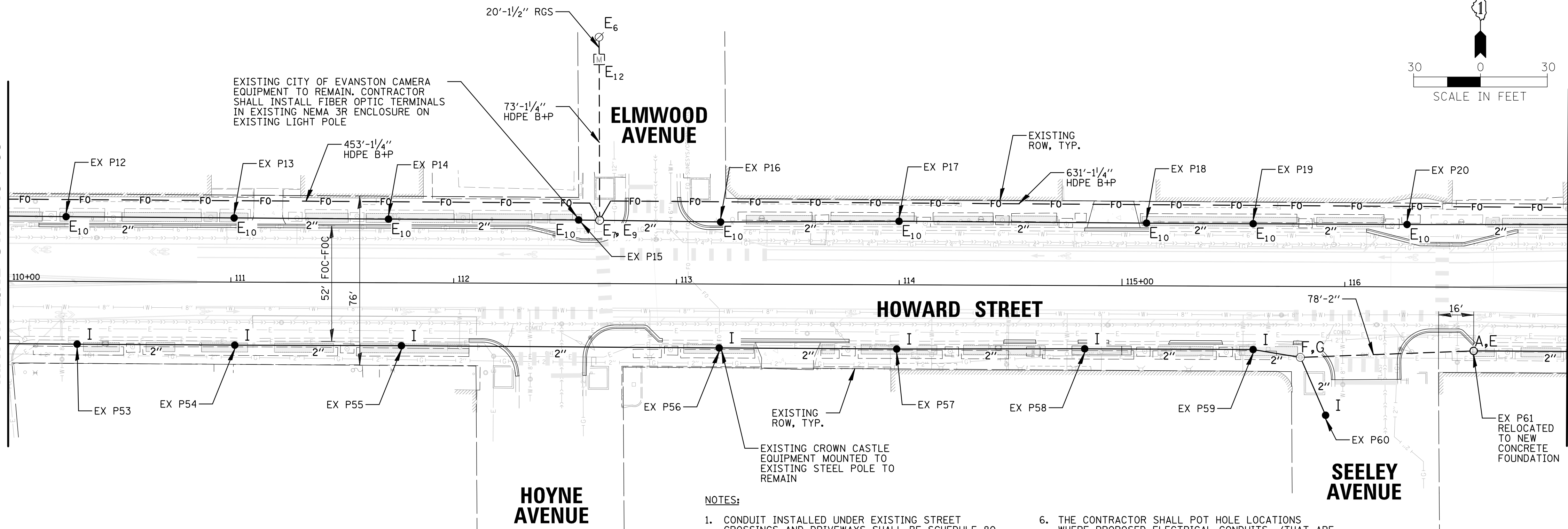
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BY	
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BY	
NO.	

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 USER NAME = mmichalowicz  
 DESIGNED DRK/KB  
 DRAWN DRK/KB  
 CHECKED AJD/KB  
 DATE 1/7/2020



MATCH LINE STA. 110 + 00

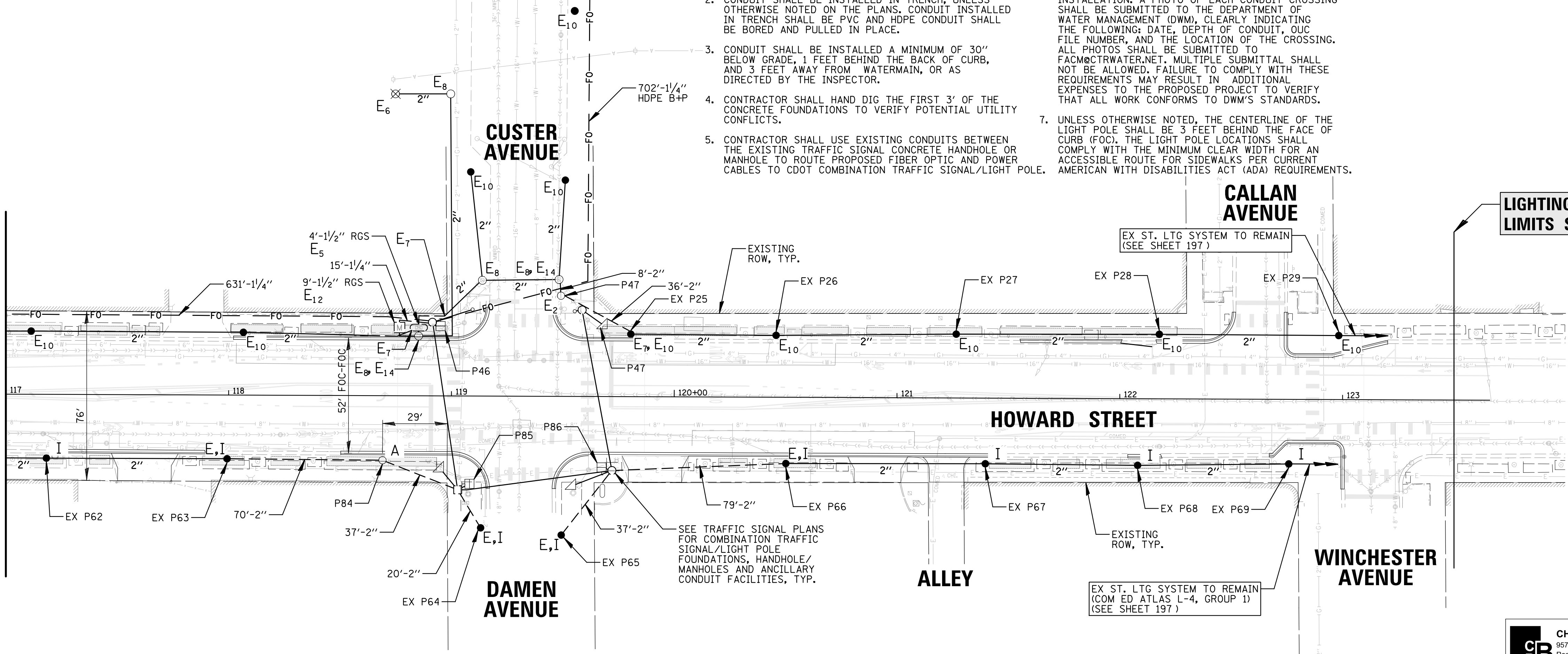
MATCH LINE STA. 117 + 00



MATCH LINE R-R (SEE SHEET 193)

MATCH LINE STA. 117 + 00

LIGHTING PROJECT LIMITS STA. 123 + 50



NOTES:

- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS AND DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
- CONDUIT SHALL BE INSTALLED IN TRENCH, UNLESS OTHERWISE NOTED ON THE PLANS. CONDUIT INSTALLED IN TRENCH SHALL BE PVC OR HDPE CONDUIT SHALL BE BORED AND PULLED IN PLACE.
- CONDUIT SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE, 1 FEET BEHIND THE BACK OF CURB, AND 3 FEET AWAY FROM WATERMAIN, OR AS DIRECTED BY THE INSPECTOR.
- CONTRACTOR SHALL HAND DIG THE FIRST 3' OF THE CONCRETE FOUNDATIONS TO VERIFY POTENTIAL UTILITY CONFLICTS.
- CONTRACTOR SHALL USE EXISTING CONDUITS BETWEEN THE EXISTING TRAFFIC SIGNAL CONCRETE HANDHOLE OR MANHOLE TO ROUTE PROPOSED FIBER OPTIC AND POWER CABLES TO CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE.
- THE CONTRACTOR SHALL POT HOLE LOCATIONS WHERE PROPOSED ELECTRICAL CONDUITS (THAT ARE INSTALLED BY DIRECTIONAL BORE METHOD ONLY) CROSS EXISTING WATERMAIN AND/OR WATER SERVICES. THE CONTRACTOR SHALL POT HOLE TO A MINIMUM DEPTH OF THE PROPOSED CONDUIT INSTALLATION. A PHOTO OF EACH CONDUIT CROSSING SHALL BE SUBMITTED TO THE DEPARTMENT OF WATER MANAGEMENT (DWM), CLEARLY INDICATING THE FOLLOWING: DATE, DEPTH OF CONDUIT, OUC FILE NUMBER, AND THE LOCATION OF THE CROSSING. ALL PHOTOS SHALL BE SUBMITTED TO FAC@CTRWATER.NET. MULTIPLE SUBMITTAL SHALL NOT BE ALLOWED. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
- UNLESS OTHERWISE NOTED, THE CENTERLINE OF THE LIGHT POLE SHALL BE 3 FEET BEHIND THE FACE OF CURB (FOC). THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.

CDOT UNDERGROUND FACILITIES IDENTIFIERS

- A- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
- B- INSTALL 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 937A)
- C- REUSE EXISTING 100A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION FOR PROPOSED 100A BASE MOUNTED RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785 AND 973)
- D- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- F- DRILL EXISTING MANHOLE/HANDHOLE FOR PROPOSED CONDUIT (CHICAGO DWG NO. 814)
- G- CLEAN EXISTING MANHOLE/HANDHOLE
- H- INSTALL 30" HANDHOLE WITH 24" FRAME AND COVER (CHICAGO DWG NO. 867 AND 872)
- I- EXISTING CONCRETE FOUNDATION TO REMAIN
- J- INSTALL 24"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR RELOCATED EXISTING 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 818)
- K- INSTALL 200A BASE MOUNTED STREET LIGHT CONTROLLER FOUNDATION (CHICAGO DWG NO. 785 AND 880)

EVANSTON UNDERGROUND FACILITIES IDENTIFIERS

- E<sub>1</sub>- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
- E<sub>2</sub>- INSTALL 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 937A)
- E<sub>3</sub>- INSTALL 24"x8' CONCRETE FOUNDATION (SEE DETAIL ON SHEET 223)
- E<sub>4</sub>- INSTALL 24"x8' OFFSET CONCRETE FOUNDATION (SEE DETAIL ON SHEET 227)
- E<sub>5</sub>- INSTALL LIGHTING CONTROLLER FOUNDATION (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- E<sub>8</sub>- CLEAN EXISTING MANHOLE/HANDHOLE
- E<sub>9</sub>- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL (SEE DETAIL ON SHEET 228)
- E<sub>10</sub>- EXISTING CONCRETE FOUNDATION TO REMAIN
- E<sub>11</sub>- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE (SEE DETAIL ON SHEET 207)
- E<sub>12</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)
- E<sub>13</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>14</sub>- DRILL EXISTING CONCRETE FOUNDATION OR HANDHOLE

NO.	BY	DATE	DESCRIPTION
REVISIONS			

HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT

CITY OF CHICAGO  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	19-366
DATE:	1/7/2020		
DSGN	DRK	CHECK	
KB	DRK	AJD	

CHRISTOPHER B. BURKE ENGINEERING, LTD.  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STREET LIGHTING UNDERGROUND CONDUIT FACILITIES HOWARD STREET CORRIDOR IMPROVEMENT PROJECT CHICAGO AND EVANSTON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	191
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				

SCALE: 1"=30' SHEET 191 OF 270 SHEETS STA. 110+00 TO STA. 123+50

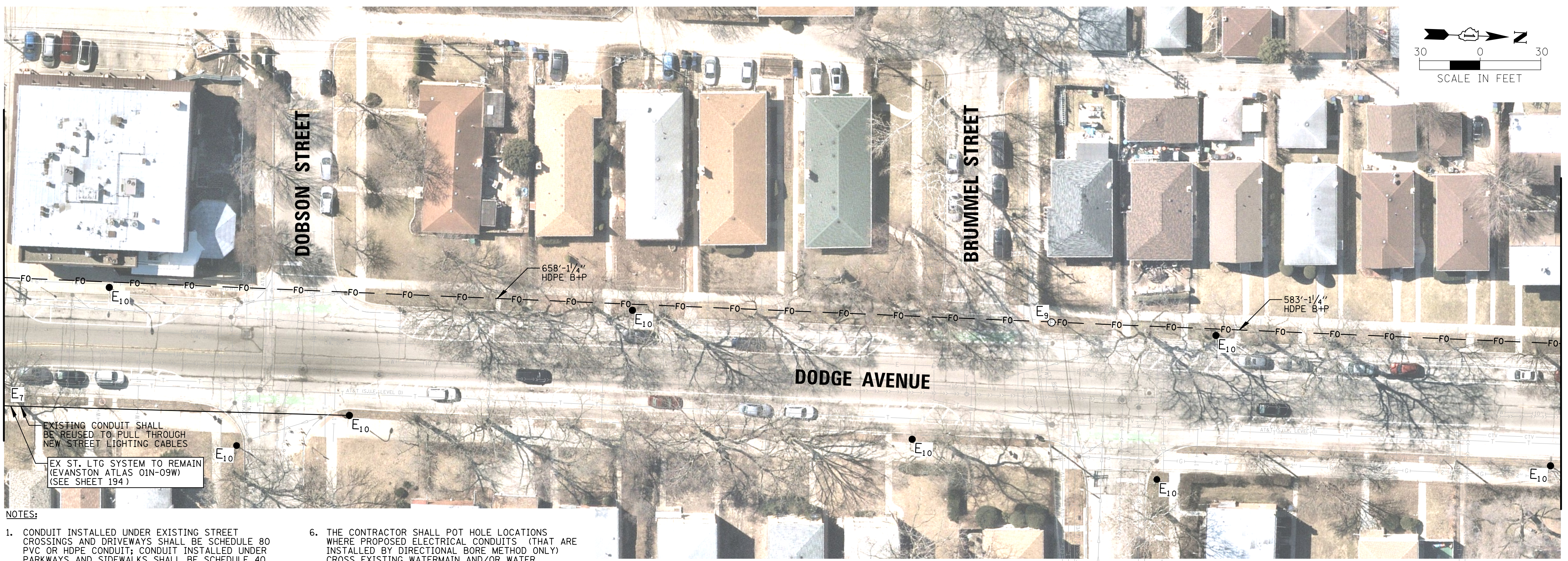
DATE	BY	SURVEYED	CHECKED
		PLOTTED	FILE NAME
		NOTE BOOK	NO.

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 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

DATE	BY	SURVEYED	CHECKED
		PLOTTED	FILE NAME
		NOTE BOOK	NO.

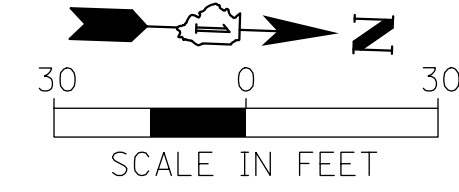
CHRISTOPHER B. BURKE  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

MATCH LINE P-P (SEE SHEET 187)



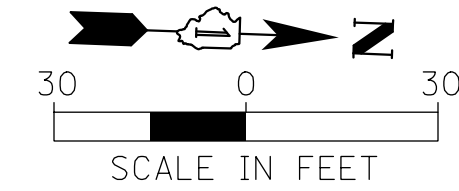
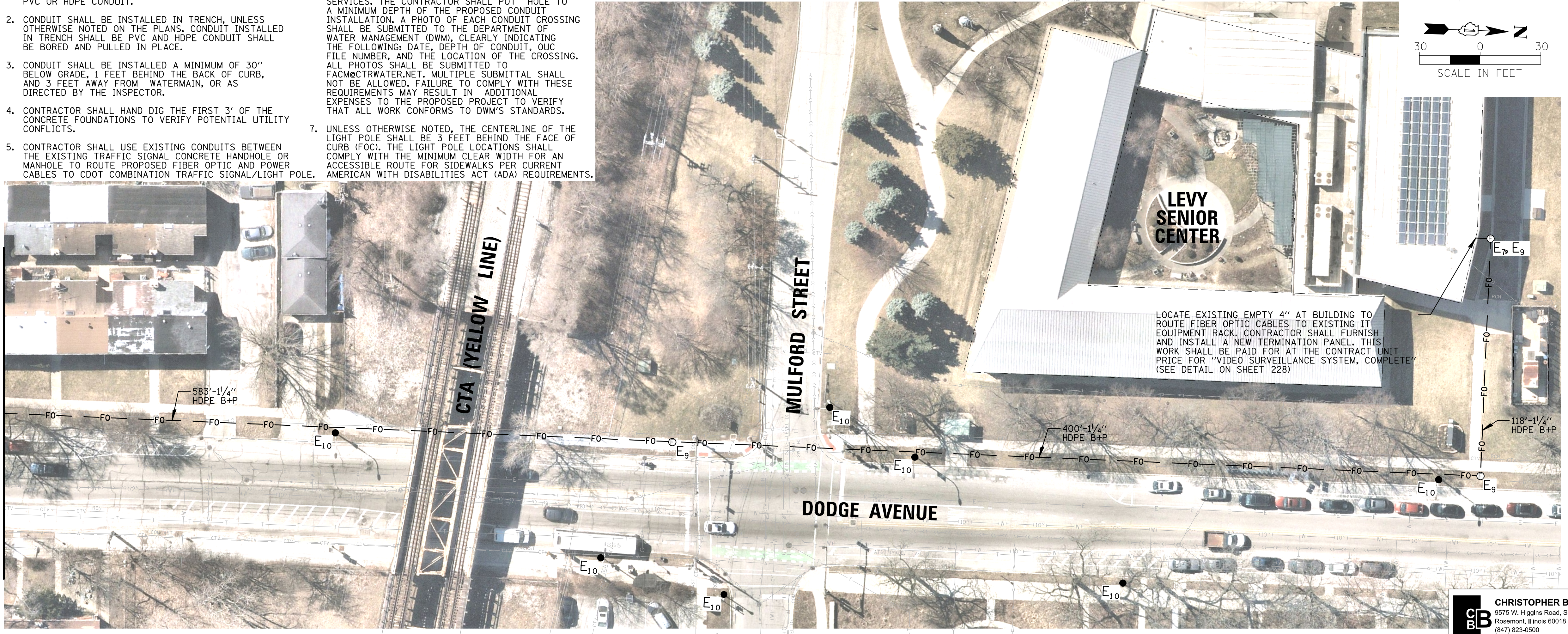
NOTES:

- CONDUIT INSTALLED UNDER EXISTING STREET CROSSINGS AND DRIVEWAYS SHALL BE SCHEDULE 80 PVC OR HDPE CONDUIT; CONDUIT INSTALLED UNDER PARKWAYS AND SIDEWALKS SHALL BE SCHEDULE 40 PVC OR HDPE CONDUIT.
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- CONDUIT SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE, 1 FEET BEHIND THE BACK OF CURB, AND 3 FEET AWAY FROM WATERMAIN, OR AS DIRECTED BY THE INSPECTOR.
- CONTRACTOR SHALL HAND DIG THE FIRST 3' OF THE CONCRETE FOUNDATIONS TO VERIFY POTENTIAL UTILITY CONFLICTS.
- CONTRACTOR SHALL USE EXISTING CONDUITS BETWEEN THE EXISTING TRAFFIC SIGNAL CONCRETE HANDHOLE OR MANHOLE TO ROUTE PROPOSED FIBER OPTIC AND POWER CABLES TO CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE.
- THE CONTRACTOR SHALL POT HOLE LOCATIONS WHERE PROPOSED ELECTRICAL CONDUITS (THAT ARE INSTALLED BY DIRECTIONAL BORE METHOD ONLY) CROSS EXISTING WATERMAIN AND/OR WATER SERVICES. THE CONTRACTOR SHALL POT HOLE TO A MINIMUM DEPTH OF THE PROPOSED CONDUIT INSTALLATION. A PHOTO OF EACH CONDUIT CROSSING SHALL BE SUBMITTED TO THE DEPARTMENT OF WATER MANAGEMENT (DWM), CLEARLY INDICATING THE FOLLOWING: DATE, DEPTH OF CONDUIT, OUC FILE NUMBER, AND THE LOCATION OF THE CROSSING. ALL PHOTOS SHALL BE SUBMITTED TO FACM&CTR.WATER.NET. MULTIPLE SUBMITTAL SHALL NOT BE ALLOWED. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWM'S STANDARDS.
- UNLESS OTHERWISE NOTED, THE CENTERLINE OF THE LIGHT POLE SHALL BE 3 FEET BEHIND THE FACE OF CURB (FOC). THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.



MATCH LINE Q-Q

MATCH LINE Q-Q



**CDOT UNDERGROUND FACILITIES IDENTIFIERS**

- A- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
- B- INSTALL 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR PEDESTRIAN CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 937A)
- C- REUSE EXISTING 100A BASE MOUNTED STREET LIGHTING CONTROLLER FOUNDATION FOR PROPOSED 100A BASE MOUNTED RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785 AND 973)
- D- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE (CHICAGO DWG NO. 893 AND 11925)
- E- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- F- DRILL EXISTING MANHOLE/HANDHOLE FOR PROPOSED CONDUIT (CHICAGO DWG NO. 814)
- G- CLEAN EXISTING MANHOLE/HANDHOLE
- H- INSTALL 30" HANDHOLE WITH 24" FRAME AND COVER (CHICAGO DWG NO. 867 AND 872)
- I- EXISTING CONCRETE FOUNDATION TO REMAIN
- J- INSTALL 24"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR RELOCATED EXISTING 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 818)
- K- INSTALL 200A BASE MOUNTED STREET LIGHT CONTROLLER FOUNDATION (CHICAGO DWG NO. 785 AND 880)

**EVANSTON UNDERGROUND FACILITIES IDENTIFIERS**

- E1- INSTALL 28"x7', 1/4" AR, 15" BC CONCRETE FOUNDATION FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 953)
- E2- INSTALL 28"x7', 1/4" AR, 15" BC OFFSET CONCRETE FOUNDATION FOR CHICAGO 2000 LIGHT POLE OR 34'-6" STEEL LIGHT POLE (CHICAGO DWG NO. 937A)
- E3- INSTALL 24"x8' CONCRETE FOUNDATION (SEE DETAIL ON SHEET 223)
- E4- INSTALL 24"x8' OFFSET CONCRETE FOUNDATION (SEE DETAIL ON SHEET 227)
- E5- INSTALL LIGHTING CONTROLLER FOUNDATION (SEE DETAIL ON SHEET 207)
- E6- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E7- INTERCEPT EXISTING CONDUIT OR CONDUIT ELBOW EMBEDDED IN CONCRETE FOUNDATION AND PROVIDE CONDUIT SPLICE TO CONNECT PROPOSED CONDUIT
- E8- CLEAN EXISTING MANHOLE/HANDHOLE
- E9- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL (SEE DETAIL ON SHEET 228)
- E10- EXISTING CONCRETE FOUNDATION TO REMAIN
- E11- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE (SEE DETAIL ON SHEET 207)
- E12- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)
- E13- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E14- DRILL EXISTING CONCRETE FOUNDATION OR HANDHOLE

NO.	BY	DATE	DESCRIPTION
REVISIONS			

**HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT**

**CITY OF CHICAGO**  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF PROJECT DEVELOPMENT

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-367</b>
DATE:	1/7/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	

FILE NAME =	USER NAME =	DESIGNED	DRK/KB	REVISED	-
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Default		CHECKED	AJD/KB	REVISED	-
Default		DATE	1/7/2020	REVISED	-

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

**STREET LIGHTING UNDERGROUND CONDUIT FACILITIES HOWARD STREET CORRIDOR IMPROVEMENT PROJECT CHICAGO AND EVANSTON, ILLINOIS**

SCALE: 1"=30' SHEET 192 OF 270 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	192
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				

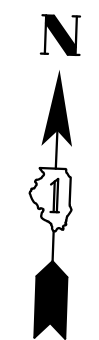
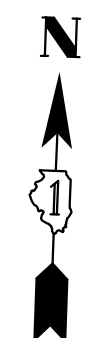


**CDOT STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- A- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- B- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- B<sub>1</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND CHICAGO 2000 MAST ARM, MAST HEAD ASSEMBLY AND BASE ON EXISTING OR PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- B<sub>2</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- C- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- D- INSTALL 174W LED ARTERIAL COBRA HEAD TYPE LUMINAIRE ON EXISTING 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- F- INSTALL 174W LED ARTERIAL COBRA HEAD COBRA HEAD TYPE LUMINAIRE ON RELOCATED 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- G- INSTALL 100A, 120/240V, 1Ø BASE MOUNTED FESTOON RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785, 973, AND 974)
- H- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE
- I- REPLACE EXISTING LIGHT POLE BASE (NOTE 7) (CHICAGO DWG NO. 928 AND 930A)
- J- INSTALL 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (CHICAGO DWG NO. 785, 880, 983, AND 984)
- K- PAINT EXISTING TRAFFIC SIGNAL POLE OR LIGHT POLE AND POLE MOUNTED EQUIPMENT
- L- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON RELOCATED 34'-6" STEEL LIGHT POLE

**EVANSTON STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- E<sub>1</sub>-INSTALL 171W LED COBRA HEAD TYPE LUMINAIRE AND DAVIT ARM LIGHT POLE (SEE DETAIL ON SHEET 223)
- E<sub>2</sub>-INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>3</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- E<sub>4</sub>-INSTALL 100A, 120/240V, 1Ø LIGHTING CONTROLLER (SEE DETAIL ON SHEET 207)
- E<sub>5</sub>-INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>-GROUND EXISTING MANHOLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- E<sub>8</sub>-INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- E<sub>9</sub>-PAINT EXISTING LIGHT POLE AND POLE MOUNTED EQUIPMENT
- E<sub>10</sub>-INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>11</sub>-INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL
- E<sub>12</sub>-INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE
- E<sub>13</sub>-INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)



MATCH LINE A-A

MATCH LINE B-B (SEE SHEET 195)

**GREY AVENUE**

**FRANCISCO AVENUE**

**HOWARD STREET**

**HOWARD STREET**

**DODGE AVENUE**

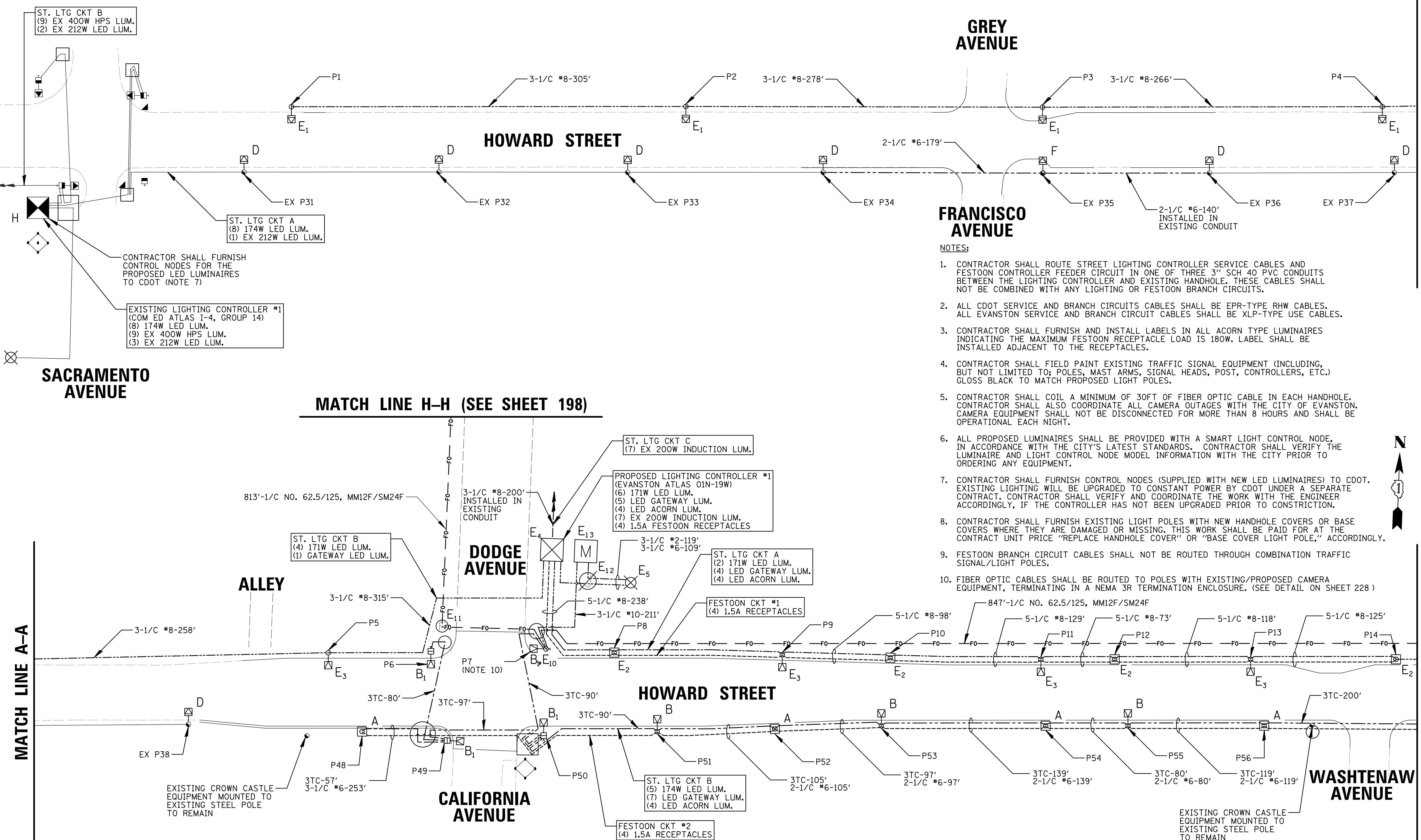
**CALIFORNIA AVENUE**

**WASHTENAW AVENUE**

**SACRAMENTO AVENUE**

**ALLEY**

**MATCH LINE H-H (SEE SHEET 198)**



**NOTES:**

1. CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND FESTOON CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND EXISTING HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING OR FESTOON BRANCH CIRCUITS.
2. ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES. ALL EVANSTON SERVICE AND BRANCH CIRCUIT CABLES SHALL BE XLP-TYPE USE CABLES.
3. CONTRACTOR SHALL FURNISH AND INSTALL LABELS IN ALL ACORN TYPE LUMINAIRES INDICATING THE MAXIMUM FESTOON RECEPTACLE LOAD IS 180W. LABEL SHALL BE INSTALLED ADJACENT TO THE RECEPTABLES.
4. CONTRACTOR SHALL FIELD PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT (INCLUDING, BUT NOT LIMITED TO; POLES, MAST ARMS, SIGNAL HEADS, POST, CONTROLLERS, ETC.) GLOSS BLACK TO MATCH PROPOSED LIGHT POLES.
5. CONTRACTOR SHALL COIL A MINIMUM OF 30FT OF FIBER OPTIC CABLE IN EACH HANDHOLE. CONTRACTOR SHALL ALSO COORDINATE ALL CAMERA OUTAGES WITH THE CITY OF EVANSTON. CAMERA EQUIPMENT SHALL NOT BE DISCONNECTED FOR MORE THAN 8 HOURS AND SHALL BE OPERATIONAL EACH NIGHT.
6. ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.
7. CONTRACTOR SHALL FURNISH CONTROL NODES (SUPPLIED WITH NEW LED LUMINAIRES) TO CDOT. EXISTING LIGHTING WILL BE UPGRADED TO CONSTANT POWER BY CDOT UNDER A SEPARATE CONTRACT. CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK WITH THE ENGINEER ACCORDINGLY, IF THE CONTROLLER HAS NOT BEEN UPGRADED PRIOR TO CONSTRUCTION.
8. CONTRACTOR SHALL FURNISH EXISTING LIGHT POLES WITH NEW HANDHOLE COVERS OR BASE COVERS WHERE THEY ARE DAMAGED OR MISSING. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REPLACE HANDHOLE COVER" OR "BASE COVER LIGHT POLE," ACCORDINGLY.
9. FESTOON BRANCH CIRCUIT CABLES SHALL NOT BE ROUTED THROUGH COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
10. FIBER OPTIC CABLES SHALL BE ROUTED TO POLES WITH EXISTING/PROPOSED CAMERA EQUIPMENT, TERMINATING IN A NEMA 3R TERMINATION ENCLOSURE. (SEE DETAIL ON SHEET 228)

DATE	BY	SURVEYED	PLOTTED	CHECKED	DATE	BY	SURVEYED	PLOTTED	CHECKED
<p><b>CHRISTOPHER B. BURKE ENGINEERING LTD.</b> 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>									
<p><b>PROFILE</b> DATE: _____ BY: _____ SURVEYED: _____ PLOTTED: _____ GRADES CHECKED: _____ STRUCTURE NOTATIONS: CHKD</p>									

NO.	BY	DATE	DESCRIPTION
REVISIONS			

**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

**CITY OF CHICAGO**

**DEPARTMENT OF TRANSPORTATION  
DIVISION OF PROJECT DEVELOPMENT**

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-369</b>
DATE:	1/7/2020	DATE:	
DSGN	DRWN	CHECKED	
KB	AKJ		

FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK/KB	REVISED -
N:\EVANSTON\190121\Mech\10-LGT_190121.sht		DRAWN DRK/KB	REVISED -
Default	PLOT SCALE = 40'	CHECKED AJD/KB	REVISED -
Default	PLOT DATE = 1/7/2020	DATE 1/7/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING INSTALLATION PLAN  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS**

SCALE: N.T.S. SHEET 194 OF 270 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	194
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

**CDOT STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- A- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- B- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- B<sub>1</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND CHICAGO 2000 MAST ARM, MAST HEAD ASSEMBLY AND BASE ON EXISTING OR PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- B<sub>2</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- C- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- D- INSTALL 174W LED ARTERIAL COBRA HEAD TYPE LUMINAIRE ON EXISTING 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- F- INSTALL 174W LED ARTERIAL COBRA HEAD COBRA HEAD TYPE LUMINAIRE ON RELOCATED 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- G- INSTALL 100A, 120/240V, 1Ø BASE MOUNTED FESTOON RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785, 973, AND 974)
- H- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE
- I- REPLACE EXISTING LIGHT POLE BASE (NOTE 7) (CHICAGO DWG NO. 928 AND 930A)
- J- INSTALL 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (CHICAGO DWG NO. 785, 880, 983, AND 984)
- K- PAINT EXISTING TRAFFIC SIGNAL POLE OR LIGHT POLE AND POLE MOUNTED EQUIPMENT
- L- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON RELOCATED 34'-6" STEEL LIGHT POLE

**EVANSTON STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- E<sub>1</sub>- INSTALL 171W LED COBRA HEAD TYPE LUMINAIRE AND DAVIT ARM LIGHT POLE (SEE DETAIL ON SHEET 223)
- E<sub>2</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>3</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- E<sub>4</sub>- INSTALL 100A, 120/240V, 1Ø LIGHTING CONTROLLER (SEE DETAIL ON SHEET 207)
- E<sub>5</sub>- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>- GROUND EXISTING MANHOLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- E<sub>8</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- E<sub>9</sub>- PAINT EXISTING LIGHT POLE AND POLE MOUNTED EQUIPMENT
- E<sub>10</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>11</sub>- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL
- E<sub>12</sub>- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE
- E<sub>13</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)

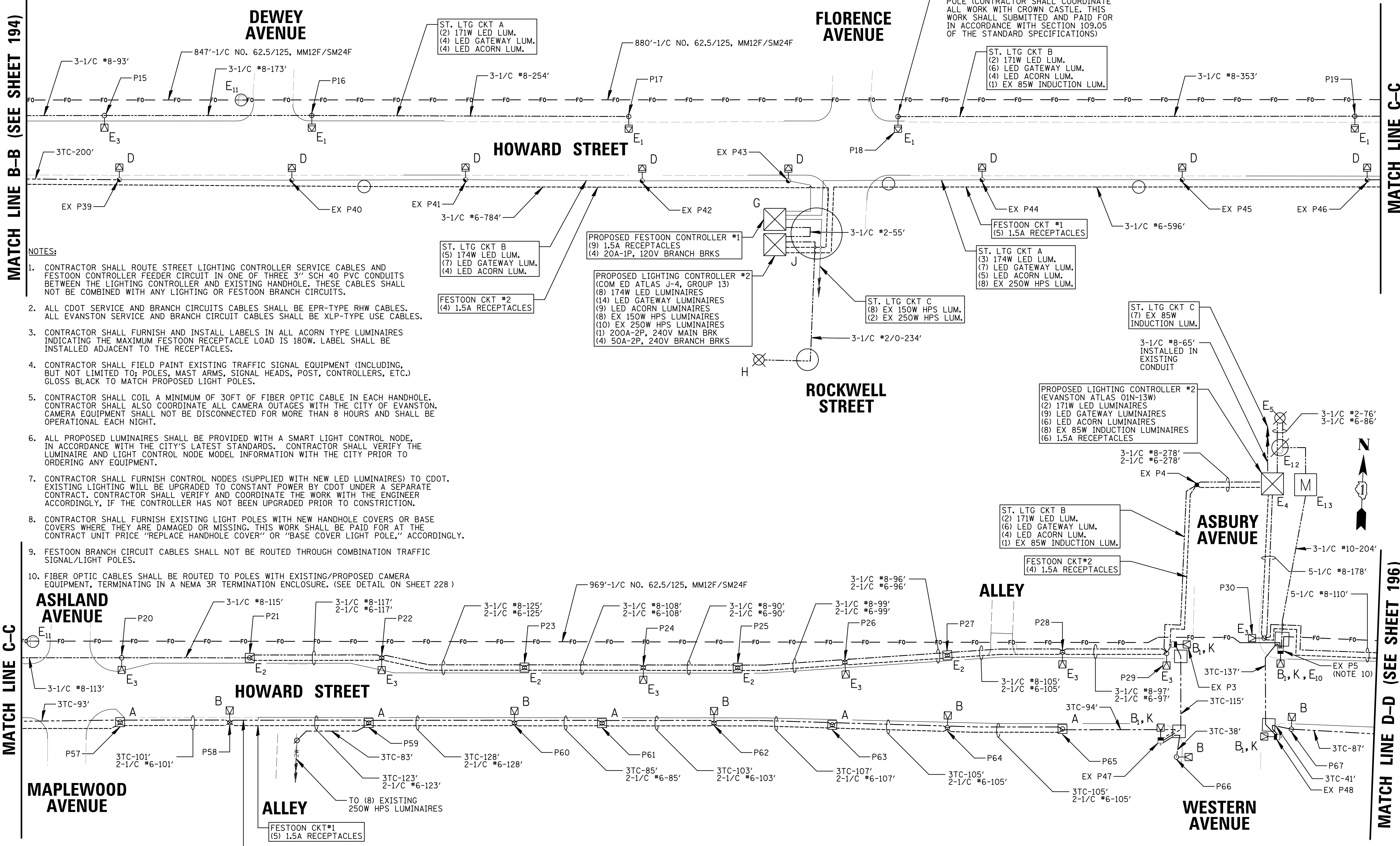
**HOWARD STREET  
SACRAMENTO AVENUE TO WINCHESTER AVENUE  
CORRIDOR IMPROVEMENT PROJECT**

**CITY OF CHICAGO**

**DEPARTMENT OF TRANSPORTATION  
DIVISION OF PROJECT DEVELOPMENT**

PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-370</b>
DATE:	1/14/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	195
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND FESTOON CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SOH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND EXISTING HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING OR FESTOON BRANCH CIRCUITS.
  - ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES. ALL EVANSTON SERVICE AND BRANCH CIRCUIT CABLES SHALL BE XLP-TYPE USE CABLES.
  - CONTRACTOR SHALL FURNISH AND INSTALL LABELS IN ALL ACORN TYPE LUMINAIRES INDICATING THE MAXIMUM FESTOON RECEPTACLE LOAD IS 180W. LABEL SHALL BE INSTALLED ADJACENT TO THE RECEPTABLES.
  - CONTRACTOR SHALL FIELD PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT (INCLUDING, BUT NOT LIMITED TO; POLES, MAST ARMS, SIGNAL HEADS, POST, CONTROLLERS, ETC.) GLOSS BLACK TO MATCH PROPOSED LIGHT POLES.
  - CONTRACTOR SHALL COIL A MINIMUM OF 30FT OF FIBER OPTIC CABLE IN EACH HANDHOLE. CONTRACTOR SHALL ALSO COORDINATE ALL CAMERA OUTAGES WITH THE CITY OF EVANSTON. CAMERA EQUIPMENT SHALL NOT BE DISCONNECTED FOR MORE THAN 8 HOURS AND SHALL BE OPERATIONAL EACH NIGHT.
  - ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.
  - CONTRACTOR SHALL FURNISH CONTROL NODES (SUPPLIED WITH NEW LED LUMINAIRES) TO CDOT. EXISTING LIGHTING WILL BE UPGRADED TO CONSTANT POWER BY CDOT UNDER A SEPARATE CONTRACT. CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK WITH THE ENGINEER ACCORDINGLY, IF THE CONTROLLER HAS NOT BEEN UPGRADED PRIOR TO CONSTRUCTION.
  - CONTRACTOR SHALL FURNISH EXISTING LIGHT POLES WITH NEW HANDHOLE COVERS OR BASE COVERS WHERE THEY ARE DAMAGED OR MISSING. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REPLACE HANDHOLE COVER" OR "BASE COVER LIGHT POLE," ACCORDINGLY.
  - FESTOON BRANCH CIRCUIT CABLES SHALL NOT BE ROUTED THROUGH COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
  - FIBER OPTIC CABLES SHALL BE ROUTED TO POLES WITH EXISTING/PROPOSED CAMERA EQUIPMENT, TERMINATING IN A NEMA 3R TERMINATION ENCLOSURE. (SEE DETAIL ON SHEET 228)

DATE	BY	DATE	BY
DATE	BY	DATE	BY

DATE	BY	DATE	BY
DATE	BY	DATE	BY

FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK/KB	REVISED -
N:\EVANSTON\190121\Mech\11-LGT_190121L.sht		DRAWN DRK/KB	REVISED -
		CHECKED AJD/KB	REVISED -
		DATE 1/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING INSTALLATION PLAN  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS**

SCALE: N.T.S. SHEET 195 OF 270 SHEETS STA. TO STA.

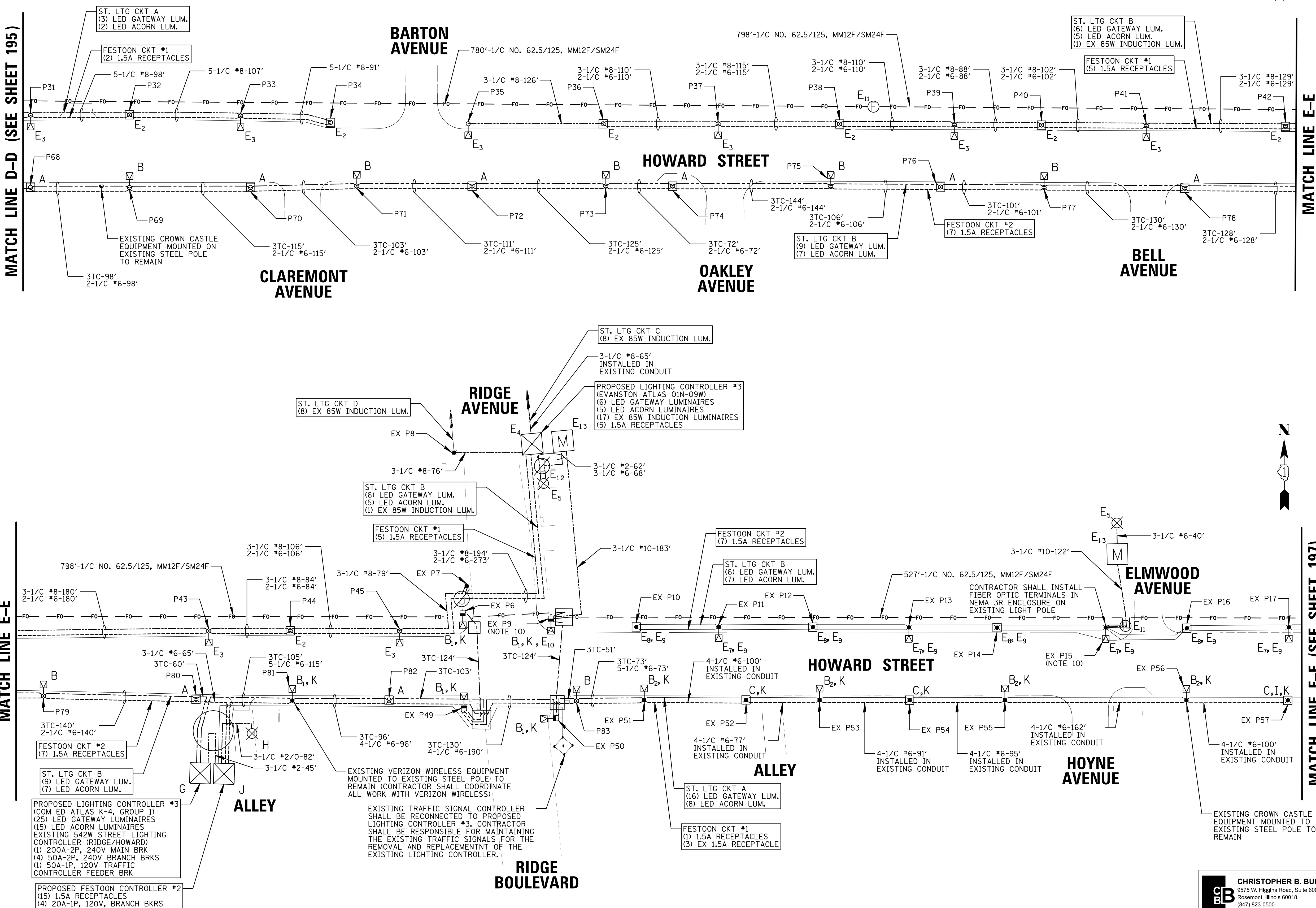
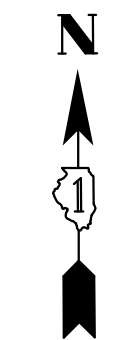
**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**CDOT STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- A- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- B- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- B<sub>1</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND CHICAGO 2000 MAST ARM, MAST HEAD ASSEMBLY AND BASE ON EXISTING OR PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- B<sub>2</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- C- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- D- INSTALL 174W LED ARTERIAL COBRA HEAD TYPE LUMINAIRE ON EXISTING 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- F- INSTALL 174W LED ARTERIAL COBRA HEAD COBRA HEAD TYPE LUMINAIRE ON RELOCATED 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- G- INSTALL 100A, 120/240V, 1Ø BASE MOUNTED FESTOON RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785, 973, AND 974)
- H- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE
- I- REPLACE EXISTING LIGHT POLE BASE (NOTE 7) (CHICAGO DWG NO. 928 AND 930A)
- J- INSTALL 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (CHICAGO DWG NO. 785, 880, 983, AND 984)
- K- PAINT EXISTING TRAFFIC SIGNAL POLE OR LIGHT POLE AND POLE MOUNTED EQUIPMENT
- L- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON RELOCATED 34'-6" STEEL LIGHT POLE

**EVANSTON STREET LIGHTING  
INSTALLATION IDENTIFIERS**

- E<sub>1</sub>-INSTALL 171W LED COBRA HEAD TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>2</sub>-INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>3</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- E<sub>4</sub>-INSTALL 100A, 120/240V, 1Ø LIGHTING CONTROLLER (SEE DETAIL ON SHEET 207)
- E<sub>5</sub>-INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>-GROUND EXISTING MANHOLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>-INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- E<sub>8</sub>-INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- E<sub>9</sub>-PAINT EXISTING LIGHT POLE AND POLE MOUNTED EQUIPMENT
- E<sub>10</sub>-INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>11</sub>-INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL
- E<sub>12</sub>-INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE
- E<sub>13</sub>-INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)



MATCH LINE D-D (SEE SHEET 195)

MATCH LINE E-E

MATCH LINE E-E

MATCH LINE F-F (SEE SHEET 197)

DATE	BY	DATE	BY
PLAN	NO.	PROFILE	NO.

CHRISTOPHER B. BURKE ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

DATE	BY	DATE	BY
PROFILE	NO.	STRUCTURE	NO.

CHRISTOPHER B. BURKE ENGINEERING LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT</b>			
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT			
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	19-371
DATE:	1/7/2020	DESIGNER:	DRK
DATE:	1/7/2020	CHECKER:	AJD
DATE:	1/7/2020	DATE:	1/7/2020

FILE NAME =	USER NAME =	DESIGNED	DRK / KB	REVISED	-
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Default	PLOT SCALE =	CHECKED	AJD / KB	REVISED	-
Default	PLOT DATE =	DATE	1/7/2020	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STREET LIGHTING INSTALLATION PLAN HOWARD STREET CORRIDOR IMPROVEMENT PROJECT CHICAGO AND EVANSTON, ILLINOIS</b>			
SCALE: N.T.S.	SHEET 196	OF 270 SHEETS	STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	196
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				



DATE	BY	DATE	BY
DATE	BY	DATE	BY

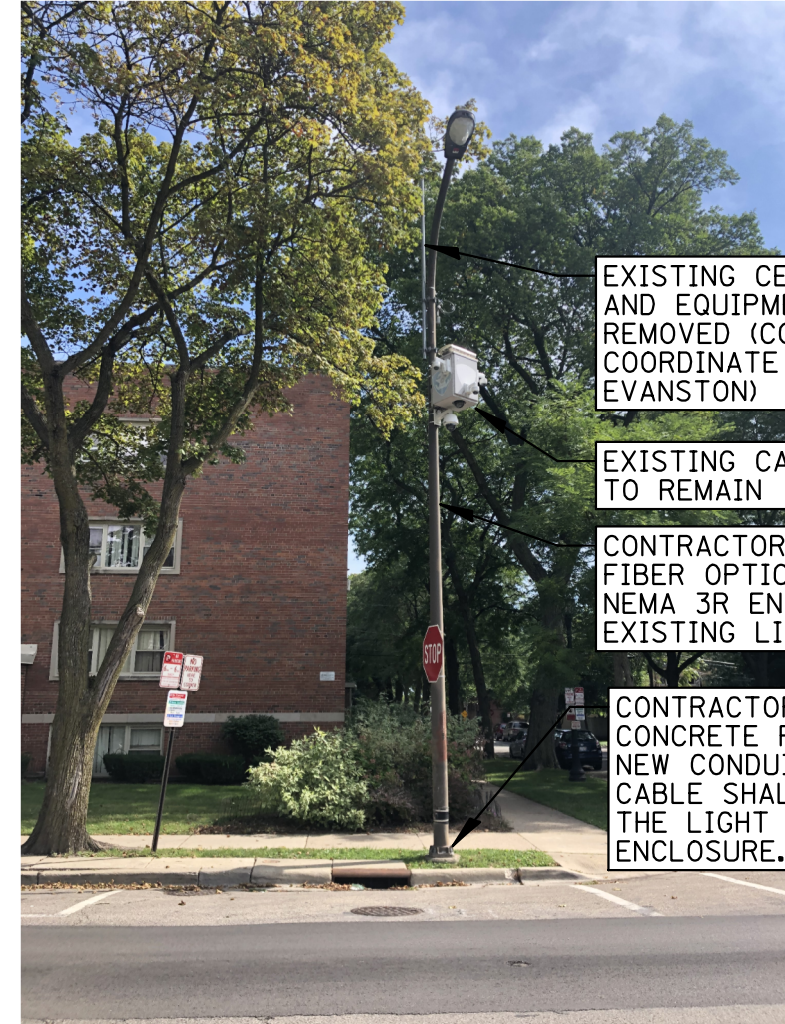
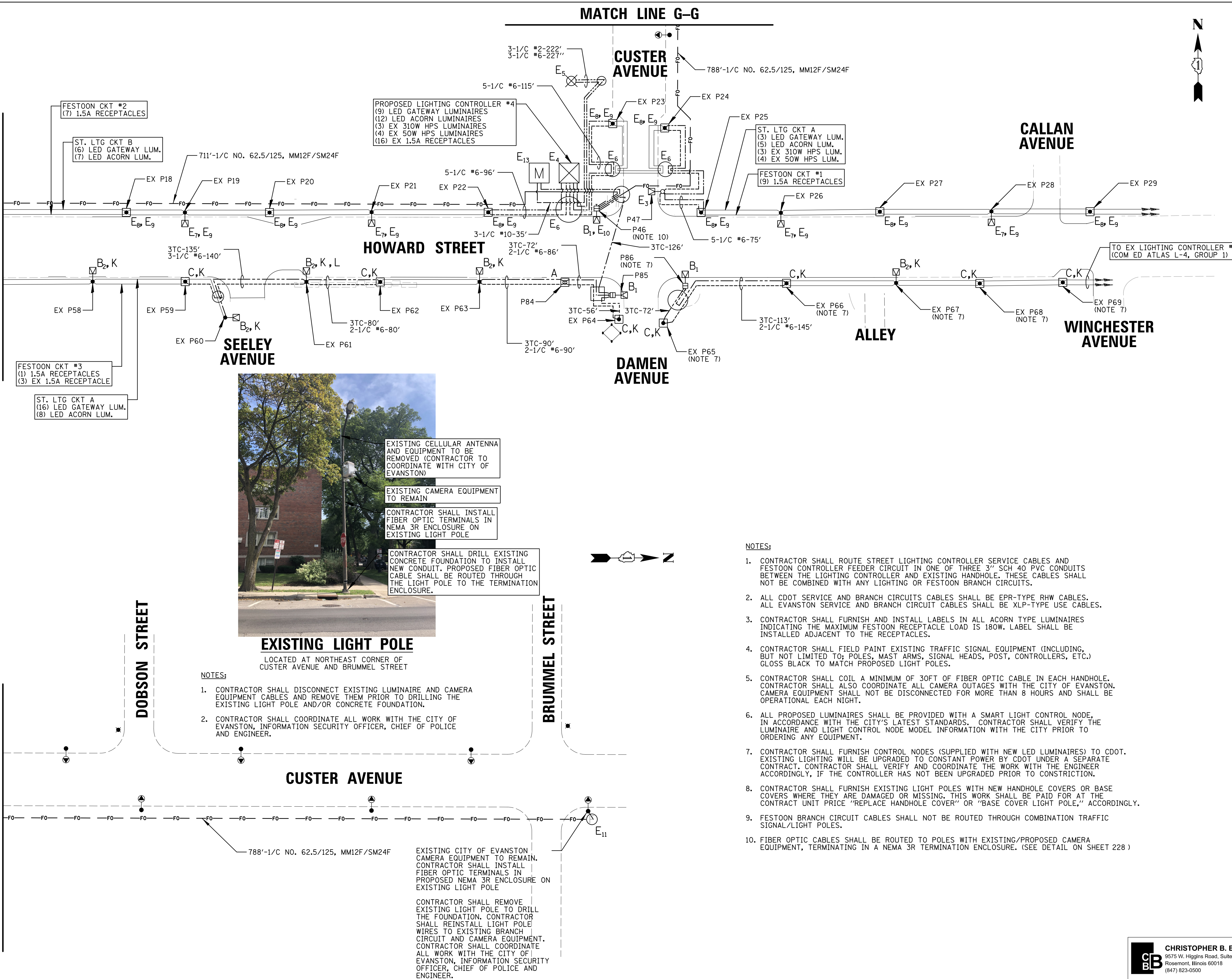
**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

DATE	BY	DATE	BY
DATE	BY	DATE	BY

**C.B.B.**

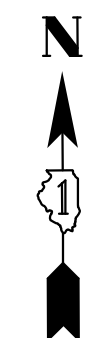
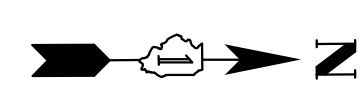
MATCH LINE F-F (SEE SHEET 196)

MATCH LINE G-G



**EXISTING LIGHT POLE**  
 LOCATED AT NORTHEAST CORNER OF CUSTER AVENUE AND BRUMMEL STREET

- NOTES:**
- CONTRACTOR SHALL DISCONNECT EXISTING LUMINAIRE AND CAMERA EQUIPMENT CABLES AND REMOVE THEM PRIOR TO DRILLING THE EXISTING LIGHT POLE AND/OR CONCRETE FOUNDATION.
  - CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY OF EVANSTON, INFORMATION SECURITY OFFICER, CHIEF OF POLICE AND ENGINEER.
- EXISTING CELLULAR ANTENNA AND EQUIPMENT TO BE REMOVED (CONTRACTOR TO COORDINATE WITH CITY OF EVANSTON)
- EXISTING CAMERA EQUIPMENT TO REMAIN
- CONTRACTOR SHALL INSTALL FIBER OPTIC TERMINALS IN NEMA 3R ENCLOSURE ON EXISTING LIGHT POLE
- CONTRACTOR SHALL DRILL EXISTING CONCRETE FOUNDATION TO INSTALL NEW CONDUIT. PROPOSED FIBER OPTIC CABLE SHALL BE ROUTED THROUGH THE LIGHT POLE TO THE TERMINATION ENCLOSURE.
- EXISTING CITY OF EVANSTON CAMERA EQUIPMENT TO REMAIN. CONTRACTOR SHALL INSTALL FIBER OPTIC TERMINALS IN PROPOSED NEMA 3R ENCLOSURE ON EXISTING LIGHT POLE
- CONTRACTOR SHALL REMOVE EXISTING LIGHT POLE TO DRILL THE FOUNDATION. CONTRACTOR SHALL REINSTALL LIGHT POLE WIRES TO EXISTING BRANCH CIRCUIT AND CAMERA EQUIPMENT. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY OF EVANSTON, INFORMATION SECURITY OFFICER, CHIEF OF POLICE AND ENGINEER.



**NOTES:**

- CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND FESTOON CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND EXISTING HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING OR FESTOON BRANCH CIRCUITS.
- ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES. ALL EVANSTON SERVICE AND BRANCH CIRCUIT CABLES SHALL BE XLP-TYPE USE CABLES.
- CONTRACTOR SHALL FURNISH AND INSTALL LABELS IN ALL ACORN TYPE LUMINAIRES INDICATING THE MAXIMUM FESTOON RECEPTACLE LOAD IS 180W. LABEL SHALL BE INSTALLED ADJACENT TO THE RECEPTABLES.
- CONTRACTOR SHALL FIELD PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT (INCLUDING, BUT NOT LIMITED TO: POLES, MAST ARMS, SIGNAL HEADS, POST, CONTROLLERS, ETC.) GLOSS BLACK TO MATCH PROPOSED LIGHT POLES.
- CONTRACTOR SHALL COIL A MINIMUM OF 30FT OF FIBER OPTIC CABLE IN EACH HANDHOLE. CONTRACTOR SHALL ALSO COORDINATE ALL CAMERA OUTAGES WITH THE CITY OF EVANSTON. CAMERA EQUIPMENT SHALL NOT BE DISCONNECTED FOR MORE THAN 8 HOURS AND SHALL BE OPERATIONAL EACH NIGHT.
- ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.
- CONTRACTOR SHALL FURNISH CONTROL NODES (SUPPLIED WITH NEW LED LUMINAIRES) TO CDOT. EXISTING LIGHTING WILL BE UPGRADED TO CONSTANT POWER BY CDOT UNDER A SEPARATE CONTRACT. CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK WITH THE ENGINEER ACCORDINGLY, IF THE CONTROLLER HAS NOT BEEN UPGRADED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FURNISH EXISTING LIGHT POLES WITH NEW HANDHOLE COVERS OR BASE COVERS WHERE THEY ARE DAMAGED OR MISSING. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REPLACE HANDHOLE COVER" OR "BASE COVER LIGHT POLE," ACCORDINGLY.
- FESTOON BRANCH CIRCUIT CABLES SHALL NOT BE ROUTED THROUGH COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
- FIBER OPTIC CABLES SHALL BE ROUTED TO POLES WITH EXISTING/PROPOSED CAMERA EQUIPMENT, TERMINATING IN A NEMA 3R TERMINATION ENCLOSURE. (SEE DETAIL ON SHEET 228)

**CDOT STREET LIGHTING INSTALLATION IDENTifiers**

- A- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- B- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- B<sub>1</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND CHICAGO 2000 MAST ARM, MAST HEAD ASSEMBLY AND BASE ON EXISTING OR PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- B<sub>2</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- C- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- D- INSTALL 174W LED ARTERIAL COBRA HEAD TYPE LUMINAIRE ON EXISTING 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- F- INSTALL 174W LED ARTERIAL COBRA HEAD COBRA HEAD TYPE LUMINAIRE ON RELOCATED 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- G- INSTALL 100A, 120/240V, 1Ø BASE MOUNTED FESTOON RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785, 973, AND 974)
- H- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE
- I- REPLACE EXISTING LIGHT POLE BASE (NOTE 7) (CHICAGO DWG NO. 928 AND 930A)
- J- INSTALL 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (CHICAGO DWG NO. 785, 880, 983, AND 984)
- K- PAINT EXISTING TRAFFIC SIGNAL POLE OR LIGHT POLE AND POLE MOUNTED EQUIPMENT
- L- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON RELOCATED 34'-6" STEEL LIGHT POLE

**EVANSTON STREET LIGHTING INSTALLATION IDENTifiers**

- E<sub>1</sub>- INSTALL 171W LED COBRA HEAD TYPE LUMINAIRE AND DAVIT ARM LIGHT POLE (SEE DETAIL ON SHEET 223)
- E<sub>2</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>3</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- E<sub>4</sub>- INSTALL 100A, 120/240V, 1Ø LIGHTING CONTROLLER (SEE DETAIL ON SHEET 207)
- E<sub>5</sub>- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>- GROUND EXISTING MANHOLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- E<sub>8</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- E<sub>9</sub>- PAINT EXISTING LIGHT POLE AND POLE MOUNTED EQUIPMENT
- E<sub>10</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>11</sub>- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL
- E<sub>12</sub>- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE
- E<sub>13</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)

NO.	BY	DATE	DESCRIPTION	
REVISIONS				
<b>HOWARD STREET</b>				
<b>SACRAMENTO AVENUE TO WINCHESTER AVENUE</b>				
<b>CORRIDOR IMPROVEMENT PROJECT</b>				
<b>CITY OF CHICAGO</b>				
<b>DEPARTMENT OF TRANSPORTATION</b>				
DIVISION OF PROJECT DEVELOPMENT				
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER		
DATE:	1/7/2020	<b>19-372</b>		
DSGN	DRWN			CHECK
KB	DRK			AJD

FILE NAME =	USER NAME = mmichalowski	DESIGNED DRK/KB	REVISED -
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Default	PLOT DATE = 1/7/2020	DATE 1/7/2020	REVISED -

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

**STREET LIGHTING INSTALLATION PLAN**  
**HOWARD STREET CORRIDOR IMPROVEMENT PROJECT**  
**CHICAGO AND EVANSTON, ILLINOIS**

SCALE: N.T.S. SHEET 197 OF 270 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	197
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED AT DATE	CHECKED BY DATE	DATE
PROFILE	SURVEYED PLOTTED AT DATE	CHECKED BY DATE	DATE

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

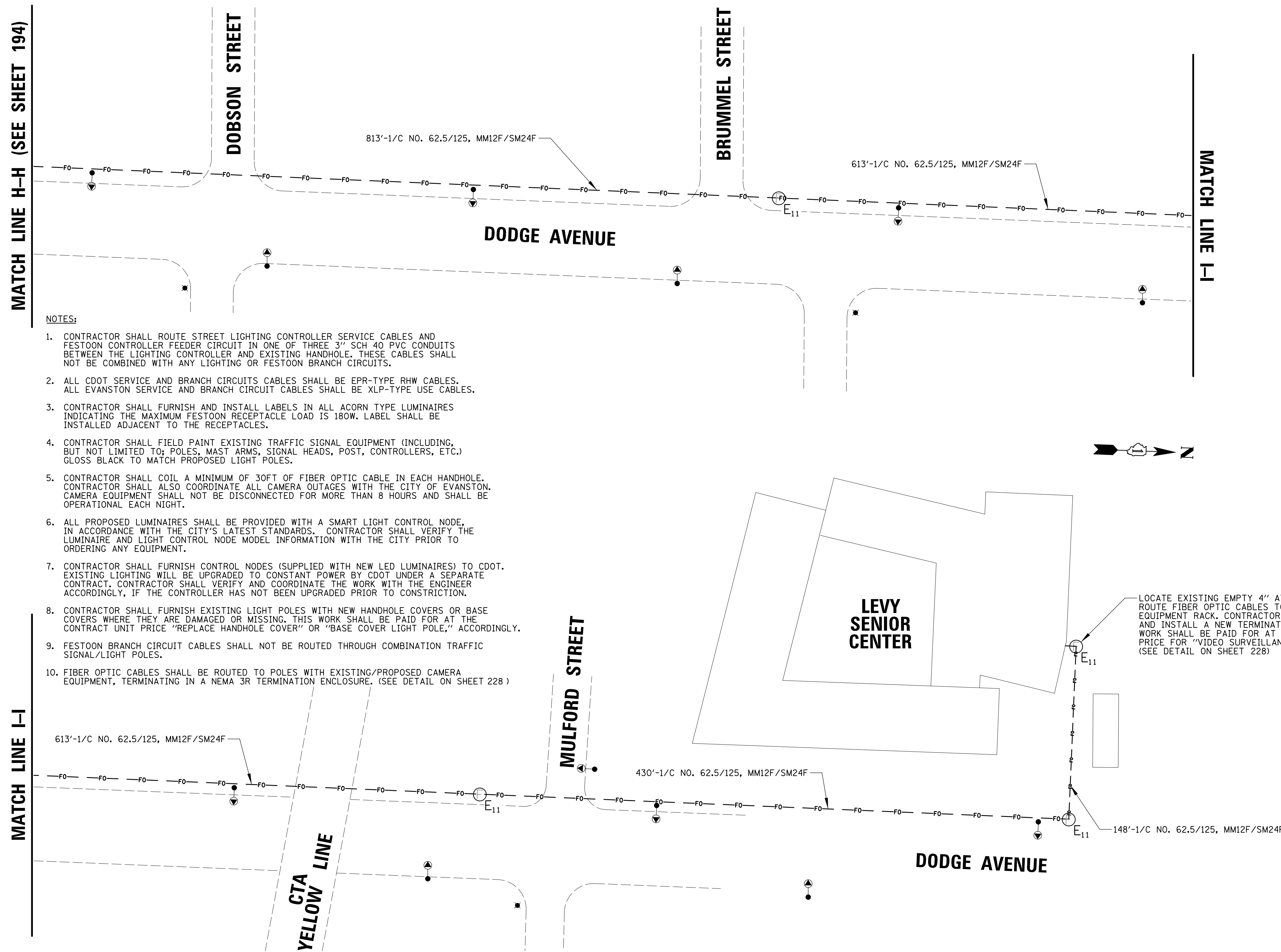


### CDOT STREET LIGHTING INSTALLATION IDENTIFIERS

- A- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- B- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- B<sub>1</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND CHICAGO 2000 MAST ARM, MAST HEAD ASSEMBLY AND BASE ON EXISTING OR PROPOSED COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- B<sub>2</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- C- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- D- INSTALL 174W LED ARTERIAL COBRA HEAD TYPE LUMINAIRE ON EXISTING 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- F- INSTALL 174W LED ARTERIAL COBRA HEAD COBRA HEAD TYPE LUMINAIRE ON RELOCATED 34'-6" LIGHT POLE AND 12' MAST ARM (CHICAGO DWG NO. 808 AND 839)
- G- INSTALL 100A, 120/240V, 1Ø BASE MOUNTED FESTOON RECEPTACLE CONTROLLER (CHICAGO DWG NO. 785, 973, AND 974)
- H- REPLACE EXISTING 100A SERVICE DISCONNECT BOX WITH NEW 200A SERVICE DISCONNECT BOX TO EXISTING WOOD POLE
- I- REPLACE EXISTING LIGHT POLE BASE (NOTE 7) (CHICAGO DWG NO. 928 AND 930A)
- J- INSTALL 200A, 120/240V, 1Ø BASE MOUNTED STREET LIGHTING CONTROLLER (CHICAGO DWG NO. 785, 880, 983, AND 984)
- K- PAINT EXISTING TRAFFIC SIGNAL POLE OR LIGHT POLE AND POLE MOUNTED EQUIPMENT
- L- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON RELOCATED 34'-6" STEEL LIGHT POLE

### EVANSTON STREET LIGHTING INSTALLATION IDENTIFIERS

- E<sub>1</sub>- INSTALL 171W LED COBRA HEAD TYPE LUMINAIRE AND DAVIT ARM LIGHT POLE (SEE DETAIL ON SHEET 223)
- E<sub>2</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE AND CHICAGO 2000 PEDESTRIAN LIGHT POLE (CHICAGO DWG NO. 928 AND 932)
- E<sub>3</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE AND 34'-6" STEEL LIGHT POLE, MAST ARM, MAST HEAD ASSEMBLY, BASE AND BRACELETS (CHICAGO DWG NO. 808, 930, 930A-C AND 931)
- E<sub>4</sub>- INSTALL 100A, 120/240V, 1Ø LIGHTING CONTROLLER (SEE DETAIL ON SHEET 207)
- E<sub>5</sub>- INSTALL COM ED SERVICE DROP ON EXISTING WOOD POLE (SEE DETAIL ON SHEET 207)
- E<sub>6</sub>- GROUND EXISTING MANHOLE (SEE DETAIL ON SHEET 207)
- E<sub>7</sub>- INSTALL LED ARTERIAL TEARDROP TYPE LUMINAIRE ON EXISTING 34'-6" STEEL LIGHT POLE
- E<sub>8</sub>- INSTALL LED ARTERIAL ACORN TYPE LUMINAIRE ON EXISTING CHICAGO 2000 PEDESTRIAN LIGHT POLE
- E<sub>9</sub>- PAINT EXISTING LIGHT POLE AND POLE MOUNTED EQUIPMENT
- E<sub>10</sub>- INSTALL CITY OF EVANSTON CAMERA EQUIPMENT ON CDOT COMBINATION TRAFFIC SIGNAL/LIGHT POLE (SEE DETAIL ON SHEET 228)
- E<sub>11</sub>- INSTALL FIBER OPTIC COMPOSITE CONCRETE HANDHOLE AND TRACER WIRE ACCESS WELL
- E<sub>12</sub>- INSTALL 11" X 18" X 18" DEEP COMPOSITE CONCRETE HANDHOLE
- E<sub>13</sub>- INSTALL VIDEO SURVEILLANCE SYSTEM ELECTRIC SERVICE METER ARRANGED FOR DIRECT EMBEDMENT (SEE DETAIL ON SHEET 207)



**NOTES:**

1. CONTRACTOR SHALL ROUTE STREET LIGHTING CONTROLLER SERVICE CABLES AND FESTOON CONTROLLER FEEDER CIRCUIT IN ONE OF THREE 3" SCH 40 PVC CONDUITS BETWEEN THE LIGHTING CONTROLLER AND EXISTING HANDHOLE. THESE CABLES SHALL NOT BE COMBINED WITH ANY LIGHTING OR FESTOON BRANCH CIRCUITS.
2. ALL CDOT SERVICE AND BRANCH CIRCUITS CABLES SHALL BE EPR-TYPE RHW CABLES. ALL EVANSTON SERVICE AND BRANCH CIRCUIT CABLES SHALL BE XLP-TYPE USE CABLES.
3. CONTRACTOR SHALL FURNISH AND INSTALL LABELS IN ALL ACORN TYPE LUMINAIRES INDICATING THE MAXIMUM FESTOON RECEPTACLE LOAD IS 180W. LABEL SHALL BE INSTALLED ADJACENT TO THE RECEPTABLES.
4. CONTRACTOR SHALL FIELD PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT (INCLUDING, BUT NOT LIMITED TO: POLES, MAST ARMS, SIGNAL HEADS, POST, CONTROLLERS, ETC.) GLOSS BLACK TO MATCH PROPOSED LIGHT POLES.
5. CONTRACTOR SHALL COIL A MINIMUM OF 30FT OF FIBER OPTIC CABLE IN EACH HANDHOLE. CONTRACTOR SHALL ALSO COORDINATE ALL CAMERA OUTAGES WITH THE CITY OF EVANSTON. CAMERA EQUIPMENT SHALL NOT BE DISCONNECTED FOR MORE THAN 8 HOURS AND SHALL BE OPERATIONAL EACH NIGHT.
6. ALL PROPOSED LUMINAIRES SHALL BE PROVIDED WITH A SMART LIGHT CONTROL NODE, IN ACCORDANCE WITH THE CITY'S LATEST STANDARDS. CONTRACTOR SHALL VERIFY THE LUMINAIRE AND LIGHT CONTROL NODE MODEL INFORMATION WITH THE CITY PRIOR TO ORDERING ANY EQUIPMENT.
7. CONTRACTOR SHALL FURNISH CONTROL NODES (SUPPLIED WITH NEW LED LUMINAIRES) TO CDOT. EXISTING LIGHTING WILL BE UPGRADED TO CONSTANT POWER BY CDOT UNDER A SEPARATE CONTRACT. CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK WITH THE ENGINEER ACCORDINGLY, IF THE CONTROLLER HAS NOT BEEN UPGRADED PRIOR TO CONSTRUCTION.
8. CONTRACTOR SHALL FURNISH EXISTING LIGHT POLES WITH NEW HANDHOLE COVERS OR BASE COVERS WHERE THEY ARE DAMAGED OR MISSING. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REPLACE HANDHOLE COVER" OR "BASE COVER LIGHT POLE," ACCORDINGLY.
9. FESTOON BRANCH CIRCUIT CABLES SHALL NOT BE ROUTED THROUGH COMBINATION TRAFFIC SIGNAL/LIGHT POLES.
10. FIBER OPTIC CABLES SHALL BE ROUTED TO POLES WITH EXISTING/PROPOSED CAMERA EQUIPMENT, TERMINATING IN A NEMA 3R TERMINATION ENCLOSURE. (SEE DETAIL ON SHEET 228)

NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	<b>19-373</b>
DATE:	1/7/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	

FILE NAME =	USER NAME = mmichalowicz	DESIGNED DRK/KB	REVISED -
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Default	PLOT DATE = 1/7/2020	DATE 1/7/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING INSTALLATION PLAN  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS**

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	198
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

SCALE: N.T.S. SHEET 198 OF 270 SHEETS STA. TO STA.

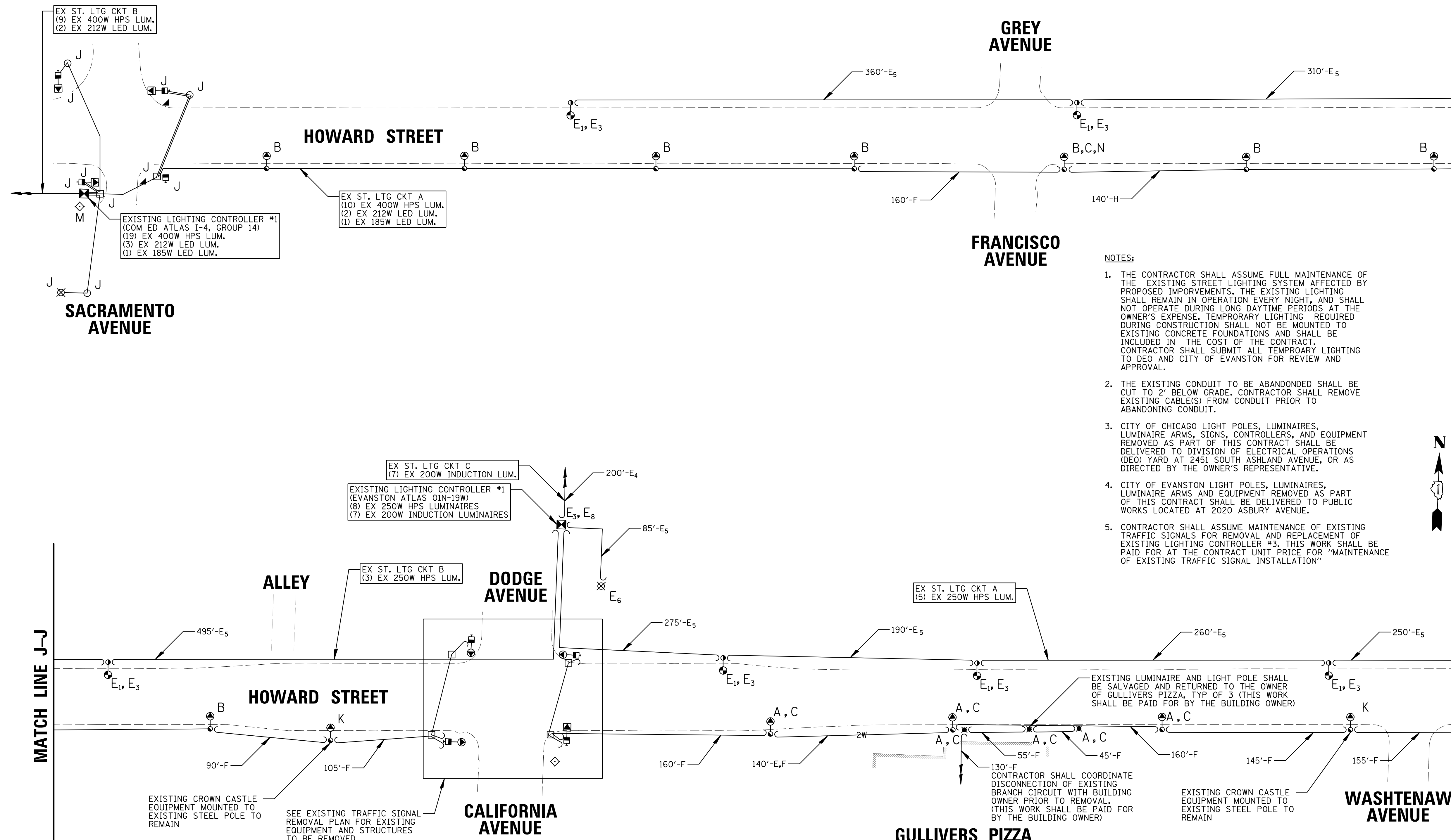
**CDOT STREET LIGHTING  
REMOVAL IDENTIFIERS**

- A- REMOVE EXISTING LIGHT POLE, LUMINAIRE AND LUMINAIRE MAST ARM (SALVAGE)
- B- REMOVE EXISTING LUMINAIRE (SALVAGE)
- C- REMOVE OR BREAKDOWN EXISTING LIGHT POLE OR CONTROLLER FOUNDATION
- D- REMOVE EXISTING STREET LIGHTING CABLES AND REINSTALL WITH PROPOSED FEETSTON CIRCUIT CABLES IN EXISTING CONDUIT (SEE STREET LIGHTING INSTALLATION PLAN)
- E- REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
- F- REMOVE CABLES AND ABANDON CONDUIT (NOTE 2)
- G- REMOVE AND REPLACE EXISTING ELECTRIC SERVICE DISCONNECT (NOTE 1)
- H- REMOVE EXISTING CABLES IN CONDUIT FOR CONDUIT TO BE REUSED WITH NEW CABLES
- I- REMOVE EXISTING MANHOLE/HANDHOLE
- J- EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN
- K- REMOVE EXISTING LUMINAIRE AND LUMINAIRE MAST ARM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REMOVE EXISTING STREET LIGHTING EQUIPMENT"
- L- REMOVE EXISTING LIGHTING CONTROLLER
- M- EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN
- N- RELOCATE EXISTING LIGHT POLE AND LUMINAIRE MAST ARM
- P- EXISTING LIGHTING CONTROLLER TO BE REMOVED AND REPLACED, EXISTING CONCRETE FOUNDATION TO REMAIN (SEE STREET LIGHTING INSTALLATION PLAN)

**EVANSTON STREET LIGHTING  
REMOVAL IDENTIFIERS**

- E<sub>1</sub>- REMOVE EXISTING LIGHT POLE, LUMINAIRE AND LUMINAIRE MAST ARM (SALVAGE)
- E<sub>2</sub>- REMOVE EXISTING LUMINAIRE (SALVAGE)
- E<sub>3</sub>- REMOVE OR BREAKDOWN EXISTING LIGHT POLE OR CONTROLLER FOUNDATION
- E<sub>4</sub>- REMOVE EXISTING CABLES IN CONDUIT FOR CONDUIT TO BE REUSED WITH NEW CABLES
- E<sub>5</sub>- REMOVE CABLES AND ABANDON CONDUIT (NOTE 2)
- E<sub>6</sub>- REMOVE EXISTING ELECTRIC SERVICE (NOTE 1)
- E<sub>7</sub>- NOT USED
- E<sub>8</sub>- REMOVE EXISTING MANHOLE/HANDHOLE OR LIGHTING CONTROLLER
- E<sub>9</sub>- EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN
- E<sub>10</sub>- REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE

- NOTES:**
- THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO AND CITY OF EVANSTON FOR REVIEW AND APPROVAL.
  - THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2" BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
  - CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  - CITY OF EVANSTON LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO PUBLIC WORKS LOCATED AT 2020 ASBURY AVENUE.
  - CONTRACTOR SHALL ASSUME MAINTENANCE OF EXISTING TRAFFIC SIGNALS FOR REMOVAL AND REPLACEMENT OF EXISTING LIGHTING CONTROLLER #3. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION"



DATE	BY	DATE	BY

PLAN  
NO. \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
SURVEYED BY \_\_\_\_\_  
PLOTTED BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_

PROFILE  
NO. \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
STRUCTURE NOTATIONS CHKD  
DATE \_\_\_\_\_  
BY \_\_\_\_\_

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USER NAME = mmichalowicz  
DESIGNED DRK/KB  
DRAWN DRK/KB  
CHECKED AJD/KB  
DATE 1/7/2020

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING STREET LIGHTING REMOVAL PLAN  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	199
CONTRACT NO. 61G30				
ILLINOIS FED. AID PROJECT				

**CB** CHRISTOPHER B. BURKE ENGINEERING, LTD.  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

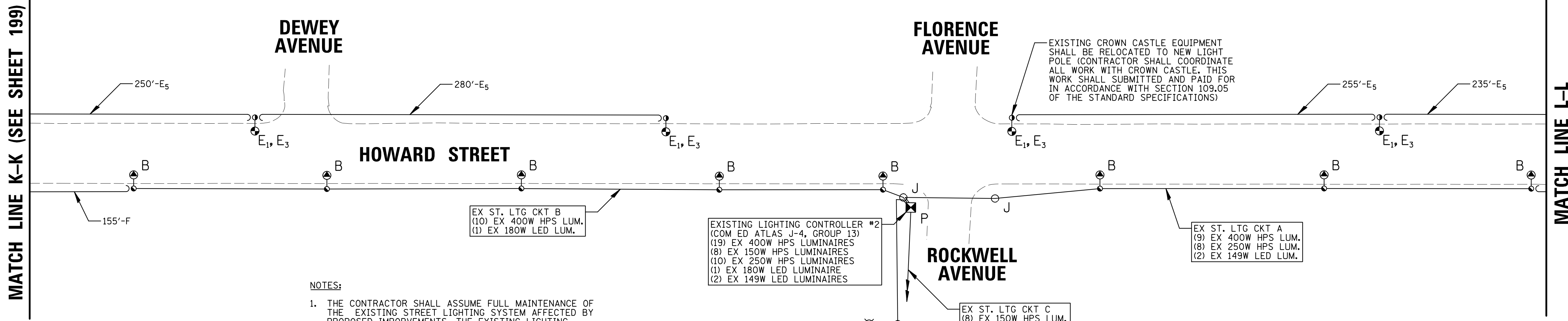
NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	
DATE:	1/7/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	
			<b>19-374</b>

**CDOT STREET LIGHTING  
REMOVAL IDENTIFIERS**

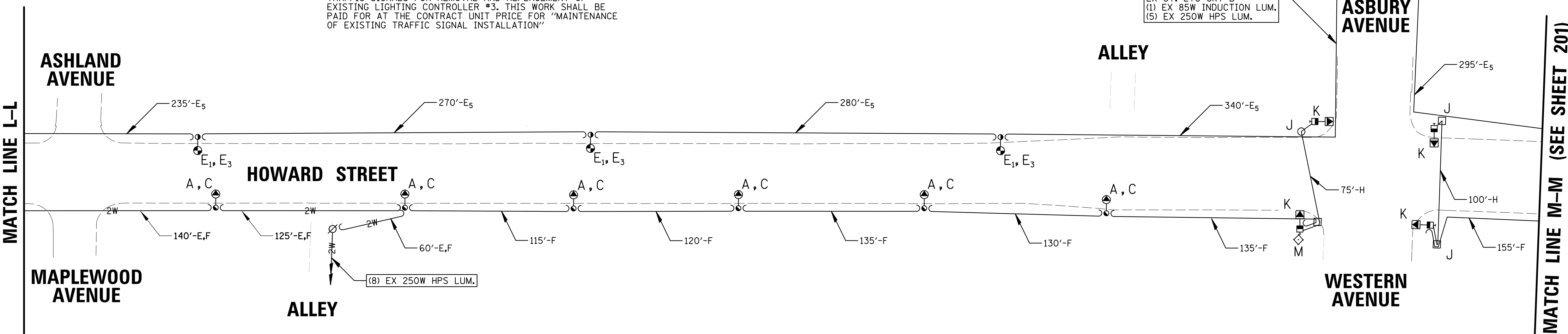
- A- REMOVE EXISTING LIGHT POLE, LUMINAIRE AND LUMINAIRE MAST ARM (SALVAGE)
- B- REMOVE EXISTING LUMINAIRE (SALVAGE)
- C- REMOVE OR BREAKDOWN EXISTING LIGHT POLE OR CONTROLLER FOUNDATION
- D- REMOVE EXISTING STREET LIGHTING CABLES AND REINSTALL WITH PROPOSED FEESTOON CIRCUIT CABLES IN EXISTING CONDUIT (SEE STREET LIGHTING INSTALLATION PLAN)
- E- REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE
- F- REMOVE CABLES AND ABANDON CONDUIT (NOTE 2)
- G- REMOVE AND REPLACE EXISTING ELECTRIC SERVICE DISCONNECT (NOTE 1)
- H- REMOVE EXISTING CABLES IN CONDUIT FOR CONDUIT TO BE REUSED WITH NEW CABLES
- I- REMOVE EXISTING MANHOLE/HANDHOLE
- J- EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN
- K- REMOVE EXISTING LUMINAIRE AND LUMINAIRE MAST ARM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE "REMOVE EXISTING STREET LIGHTING EQUIPMENT"
- L- REMOVE EXISTING LIGHTING CONTROLLER
- M- EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN
- N- RELOCATE EXISTING LIGHT POLE AND LUMINAIRE MAST ARM
- P- EXISTING LIGHTING CONTROLLER TO BE REMOVED AND REPLACED, EXISTING CONCRETE FOUNDATION TO REMAIN (SEE STREET LIGHTING INSTALLATION PLAN)

**EVANSTON STREET LIGHTING  
REMOVAL IDENTIFIERS**

- E<sub>1</sub>- REMOVE EXISTING LIGHT POLE, LUMINAIRE AND LUMINAIRE MAST ARM (SALVAGE)
- E<sub>2</sub>- REMOVE EXISTING LUMINAIRE (SALVAGE)
- E<sub>3</sub>- REMOVE OR BREAKDOWN EXISTING LIGHT POLE OR CONTROLLER FOUNDATION
- E<sub>4</sub>- REMOVE EXISTING CABLES IN CONDUIT FOR CONDUIT TO BE REUSED WITH NEW CABLES
- E<sub>5</sub>- REMOVE CABLES AND ABANDON CONDUIT (NOTE 2)
- E<sub>6</sub>- REMOVE EXISTING ELECTRIC SERVICE (NOTE 1)
- E<sub>7</sub>- NOT USED
- E<sub>8</sub>- REMOVE EXISTING MANHOLE/HANDHOLE OR LIGHTING CONTROLLER
- E<sub>9</sub>- EXISTING MANHOLE/HANDHOLE, ELECTRIC SERVICE, LIGHT POLE OR LIGHTING CONTROLLER TO REMAIN
- E<sub>10</sub>- REMOVE AERIAL CABLES AND WIRE RACKS ATTACHED TO EXISTING LIGHT POLE



- NOTES:**
- THE CONTRACTOR SHALL ASSUME FULL MAINTENANCE OF THE EXISTING STREET LIGHTING SYSTEM AFFECTED BY PROPOSED IMPROVEMENTS. THE EXISTING LIGHTING SHALL REMAIN IN OPERATION EVERY NIGHT, AND SHALL NOT OPERATE DURING LONG DAYTIME PERIODS AT THE OWNER'S EXPENSE. TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION SHALL NOT BE MOUNTED TO EXISTING CONCRETE FOUNDATIONS AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. CONTRACTOR SHALL SUBMIT ALL TEMPORARY LIGHTING TO DEO AND CITY OF EVANSTON FOR REVIEW AND APPROVAL.
  - THE EXISTING CONDUIT TO BE ABANDONED SHALL BE CUT TO 2' BELOW GRADE. CONTRACTOR SHALL REMOVE EXISTING CABLE(S) FROM CONDUIT PRIOR TO ABANDONING CONDUIT.
  - CITY OF CHICAGO LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS, SIGNS, CONTROLLERS, AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO DIVISION OF ELECTRICAL OPERATIONS (DEO) YARD AT 2451 SOUTH ASHLAND AVENUE, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  - CITY OF EVANSTON LIGHT POLES, LUMINAIRES, LUMINAIRE ARMS AND EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL BE DELIVERED TO PUBLIC WORKS LOCATED AT 2020 ASBURY AVENUE.
  - CONTRACTOR SHALL ASSUME MAINTENANCE OF EXISTING TRAFFIC SIGNALS FOR REMOVAL AND REPLACEMENT OF EXISTING LIGHTING CONTROLLER #3. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION"



NO.	BY	DATE	DESCRIPTION
REVISIONS			
<b>HOWARD STREET SACRAMENTO AVENUE TO WINCHESTER AVENUE CORRIDOR IMPROVEMENT PROJECT</b>			
<b>CITY OF CHICAGO</b>			
<b>DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT</b>			
PROJECT NO.:	190121.0001A	DEO SHEET NUMBER	
DATE:	1/14/2020		
DSGN	DRWN	CHECK	
KB	DRK	AJD	
		<b>19-375</b>	

DATE	BY	SURVEYED	CHECKED
		PLANNED	AT
		NOTE BOOK	NO.
		NO. DATE	FILE NAME

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Rosemont, Illinois 60018  
(847) 823-0500

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		NOTE BOOK	CHKD
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Default		DATE 1/14/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING STREET LIGHTING REMOVAL PLAN  
HOWARD STREET CORRIDOR IMPROVEMENT PROJECT  
CHICAGO AND EVANSTON, ILLINOIS**

SCALE: N.T.S. SHEET 200 OF 270 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1334	17-00281-00-RS	COOK	270	200
				CONTRACT NO. 61G30
ILLINOIS FED. AID PROJECT				