

NOTE
 REFER TO MOT PLANS FOR STAGING AND MAINTENANCE OF TRAFFIC DURING THIS WORK. TEMPORARY LIGHTING SHALL BE OPERATIONAL EVERY NIGHT DUSK TO DAWN. (TYPICAL FOR ALL ROADS PART OF THIS WORK).

LEGEND

	TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
	EXISTING LIGHTING CONTROLLER
	3-1/C#2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED

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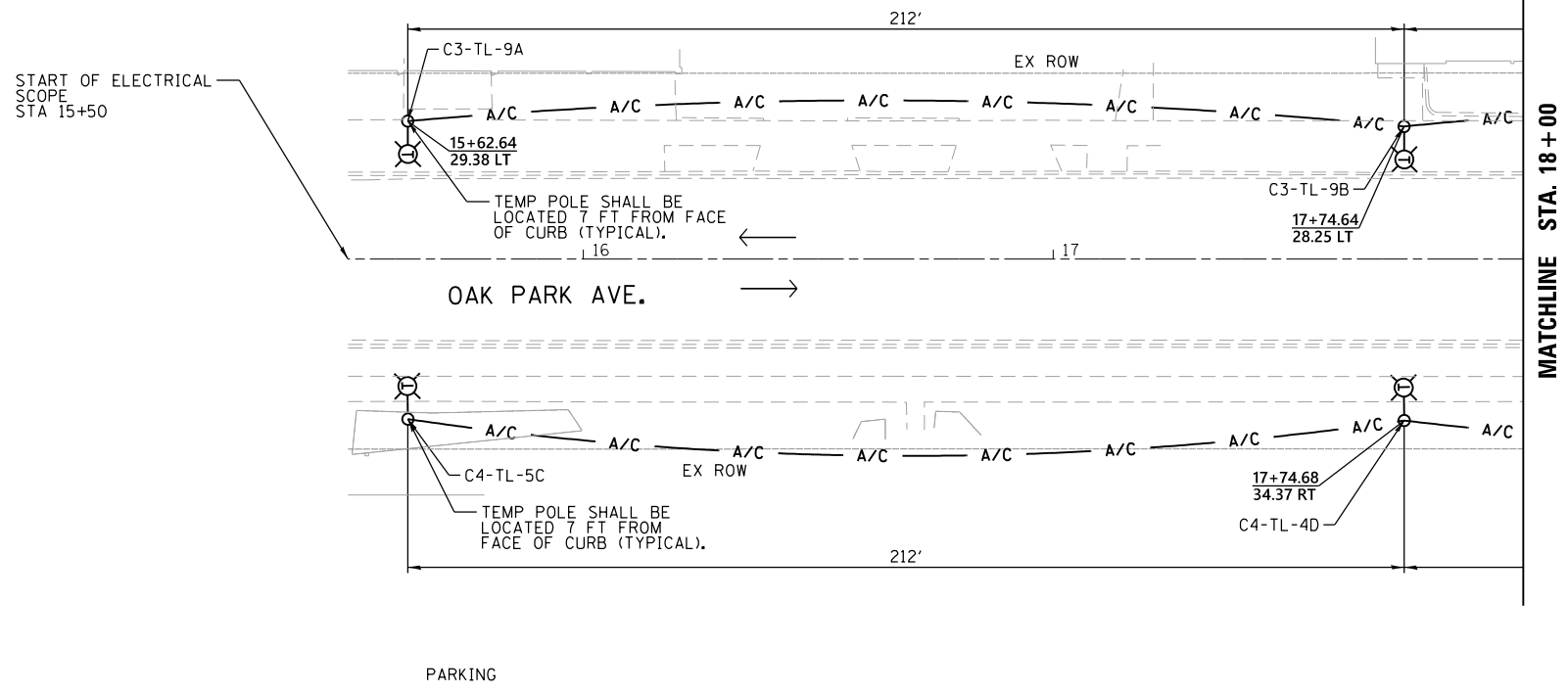
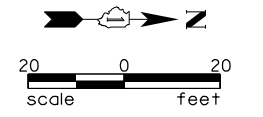
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE STREET TEMPORARY LIGHTING PLAN**

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

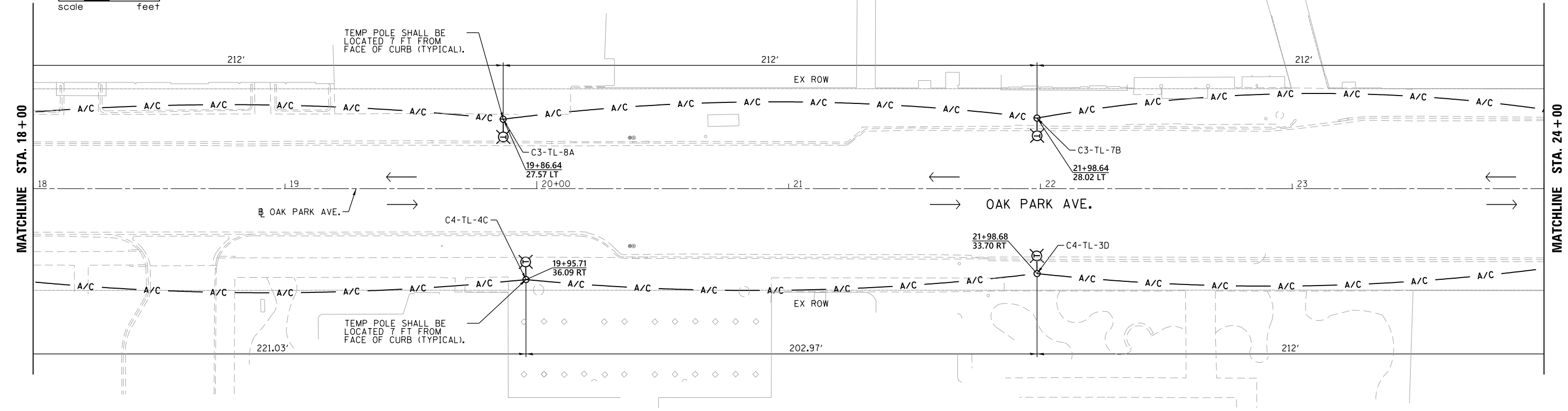
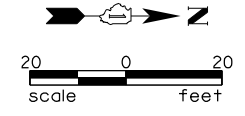
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	401
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

NOTE
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LEGEND

- TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
- EXISTING LIGHTING CONTROLLER
- 3-1/2" A/C, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED



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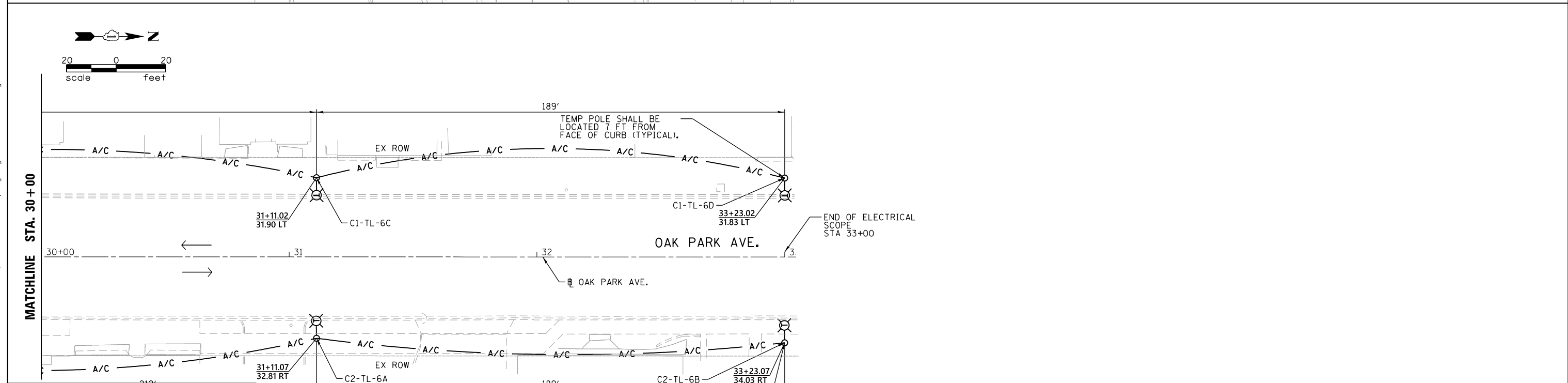
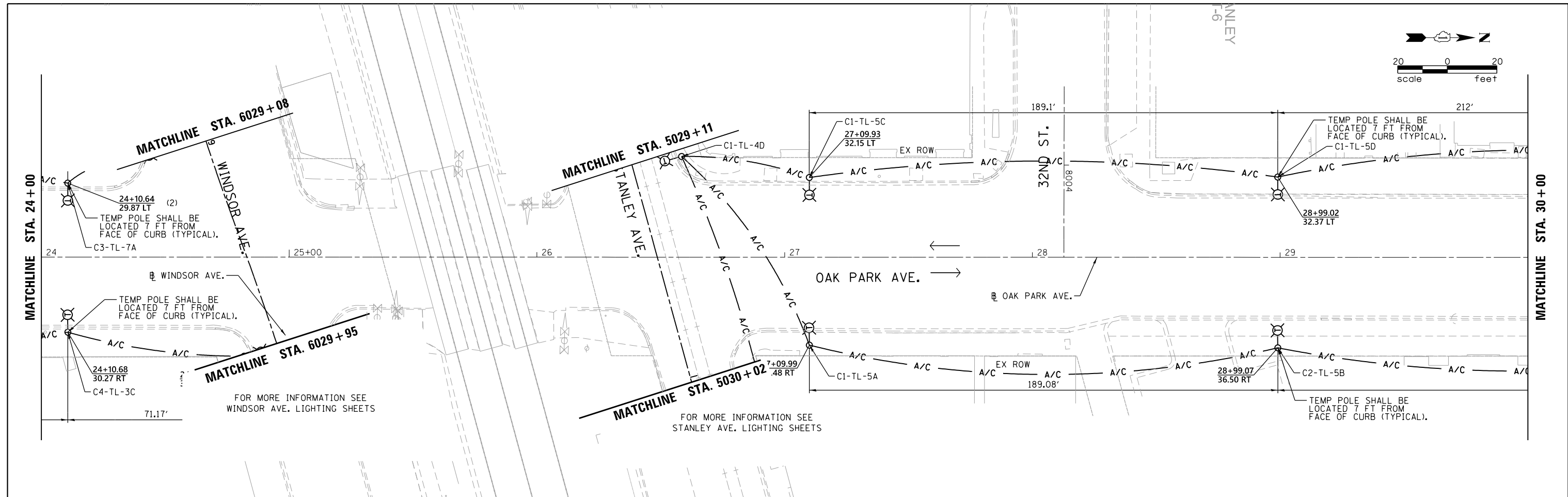
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 OAK PARK AVENUE STREET TEMPORARY LIGHTING PLAN**

SCALE: SHEET 7 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	402
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-180)\DRAWING\Streetscape\CADD Sheets\Temp Lighting\BD.OP_TEMP_LTC_03.dgn



LEGEND

- TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
- EXISTING LIGHTING CONTROLLER
- 3-1/2" #2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED

TEMP POLE SHALL BE LOCATED 7 FT FROM FACE OF CURB (TYPICAL).

NOTE
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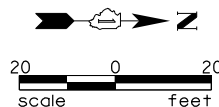
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

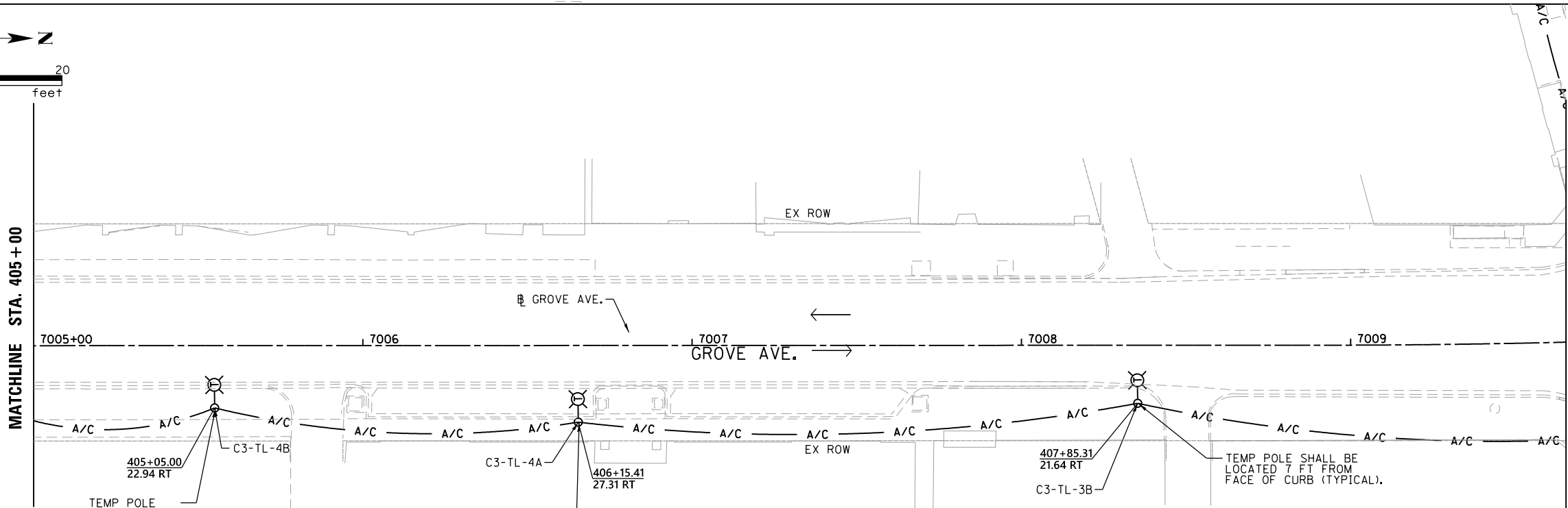
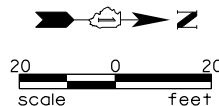
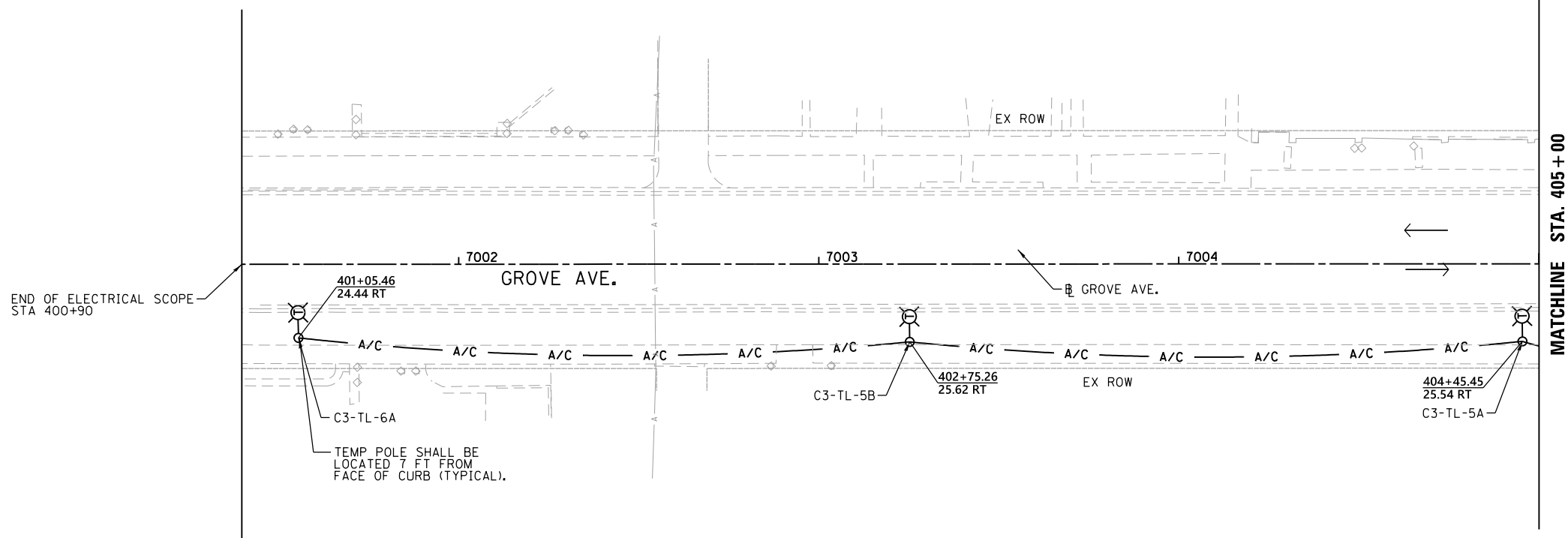
**BERWYN DEPOT DISTRICT STREETScape
OAK PARK AVENUE STREET TEMPORARY LIGHTING PLAN**

SCALE: SHEET 8 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	403
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				



NOTE
 REFER TO MOT PLANS FOR STAGING AND MAINTENANCE OF TRAFFIC DURING THIS WORK. TEMPORARY LIGHTING SHALL BE OPERATIONAL EVERY NIGHT DUSK TO DAWN. (TYPICAL FOR ALL ROADS PART OF THIS WORK).



FOR MORE INFORMATION SEE WINDSOR AVE. LIGHTING SHEETS

LEGEND

- TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
- EXISTING LIGHTING CONTROLLER
- 3-1/2" #2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED

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	DATE -	REVISED -

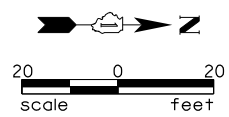
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 GROVE AVENUE STREET TEMPORARY LIGHTING PLAN**

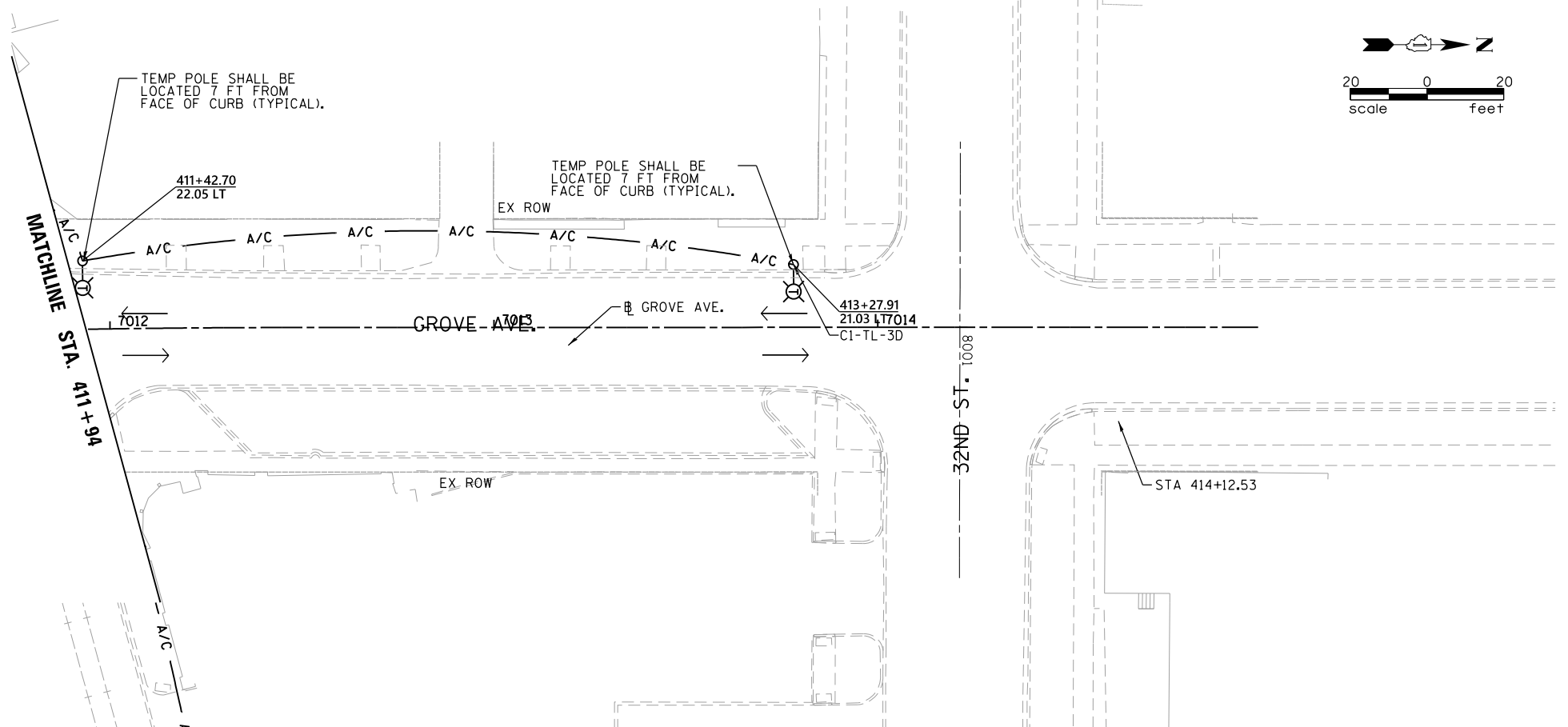
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	404
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				




NOTE
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FOR MORE INFORMATION SEE STANLEY AVE. LIGHTING SHEETS



LEGEND

-  TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
-  EXISTING LIGHTING CONTROLLER
-  3-1/C#2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED

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	PLOT DATE = 11/6/2021	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 GROVE AVENUE STREET TEMPORARY LIGHTING PLAN**

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	405
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

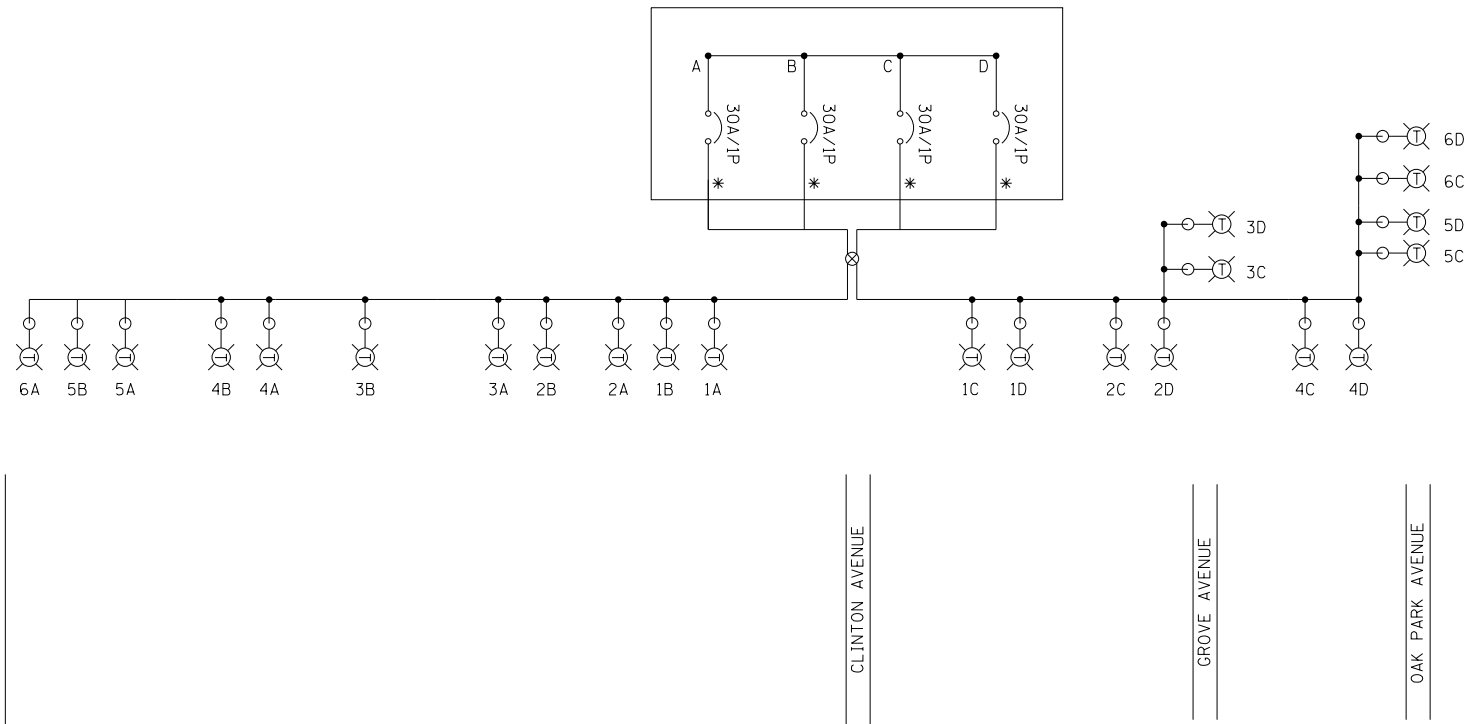
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

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	ALIGNMENT CHECKED	
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	BY	

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

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C1 150A, 240/480V 1PH, 3W	A	30A, 240V	564W
	B	30A, 240V	470W
	C	30A, 240V	564W
	D	30A, 240V	564W
SUBTOTAL			2162W
CABINET C1 TOTAL LOAD (480V, 1PH)			4.5 AMPS

TEMPORARY LIGHTING SINGLE LINE DIAGRAM
EXISTING LIGHTING CONTROLLER C1
(LOCATED AT STANLEY AVE. AND CLINTON AVE.)
150P, 240/480V, 1Ø, 3W



LEGEND	
	TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
	EXISTING LIGHTING CONTROLLER
	3-1/C#2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED
	TEMPORARY POLE WOOD

MODEL: Model 1
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

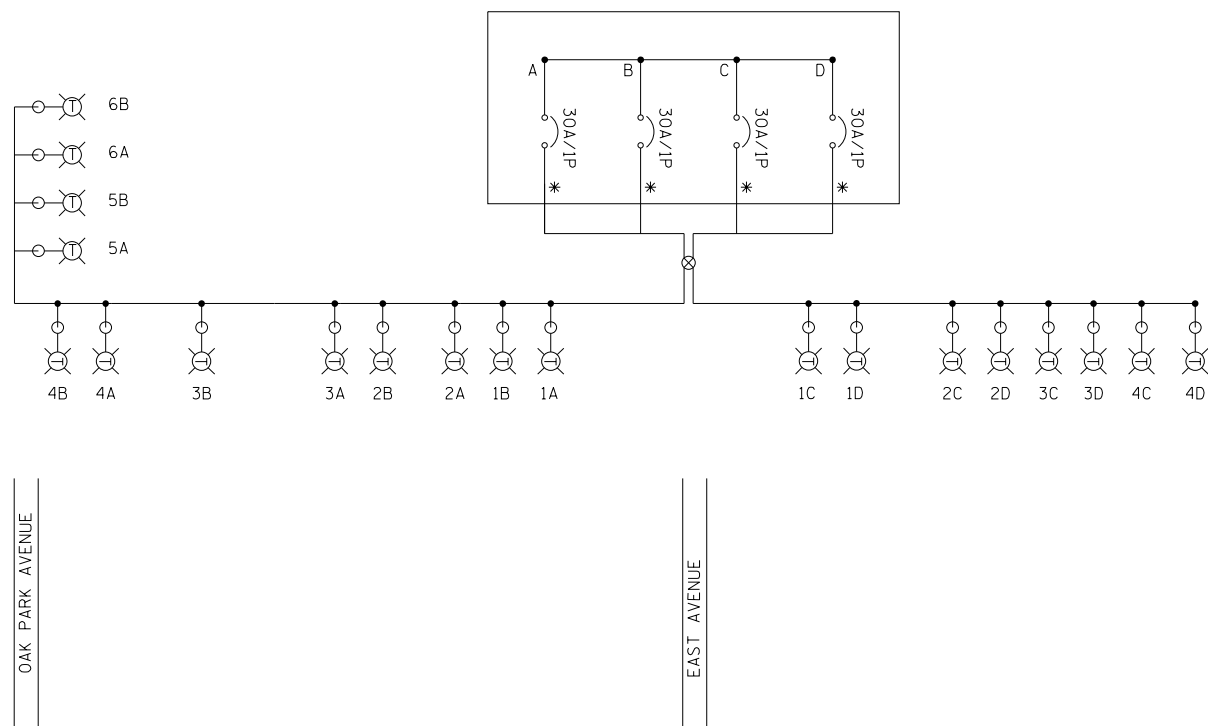
BERWYN DEPOT DISTRICT STREETScape
TEMPORARY ELECTRICAL CABINET SIGNAL LINE DIAGRAM

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	406
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C2 150A, 240/480V 1PH, 3W	A	30A, 240V	564W
	B	30A, 240V	564W
	C	30A, 240V	376W
	D	30A, 240V	376W
SUBTOTAL			1880W
CABINET C2 TOTAL LOAD (480V, 1PH)			4 AMPS

TEMPORARY LIGHTING SINGLE LINE DIAGRAM
EXISTING LIGHTING CONTROLLER C2
(LOCATED AT STANLEY AVE. AND EAST AVE.)
150P, 240/480V, 1Ø, 3W



LEGEND	
	TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
	EXISTING LIGHTING CONTROLLER
	3-1/C#2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED
	TEMPORARY WOOD POLE

PLAN	DATE
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ALIGNMENT CHECKED	
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PROFILE	DATE
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MODEL: Model 2
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

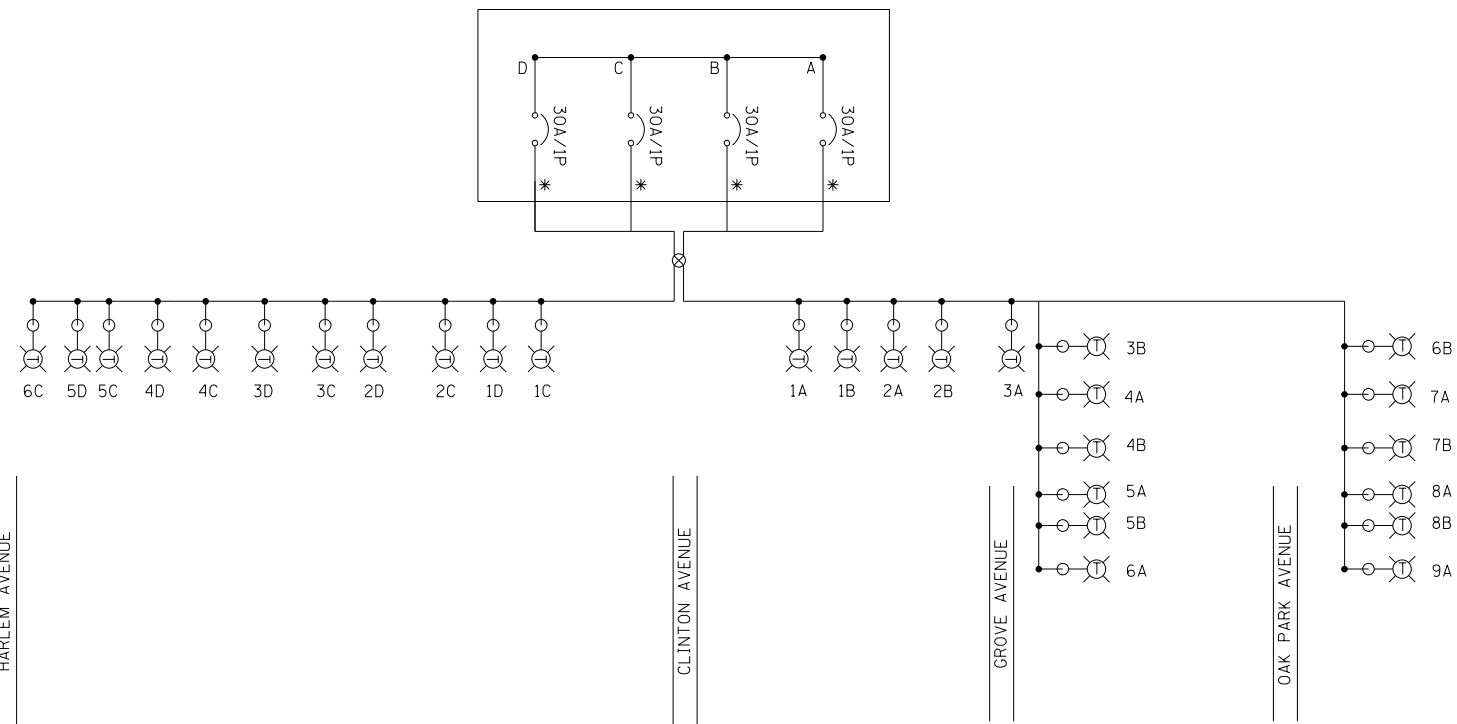
BERWYN DEPOT DISTRICT STREETScape
TEMPORARY ELECTRICAL CABINET SIGNAL LINE DIAGRAM

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	407
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C3 150A, 240/480V 1PH, 3W	A	30A, 240V	846W
	B	30A, 240V	752W
	C	30A, 240V	564W
	D	30A, 240V	470W
SUBTOTAL			2632W
CABINET C3 TOTAL LOAD (480V, 1PH)			5.5 AMPS

TEMPORARY LIGHTING SINGLE LINE DIAGRAM
 EXISTING LIGHTING CONTROLLER C3
 (LOCATED AT WINDSOR AVE. AND CLINTON AVE.)
 150P, 240/480V, 1Ø, 3W



LEGEND	
	TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
	EXISTING LIGHTING CONTROLLER
	3-1/2"Ø, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED
	TEMPORARY WOOD POLE

PLAN	DATE
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ALIGNMENT CHECKED	
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NOTE BOOK NO.	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

MODEL: Model 3
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

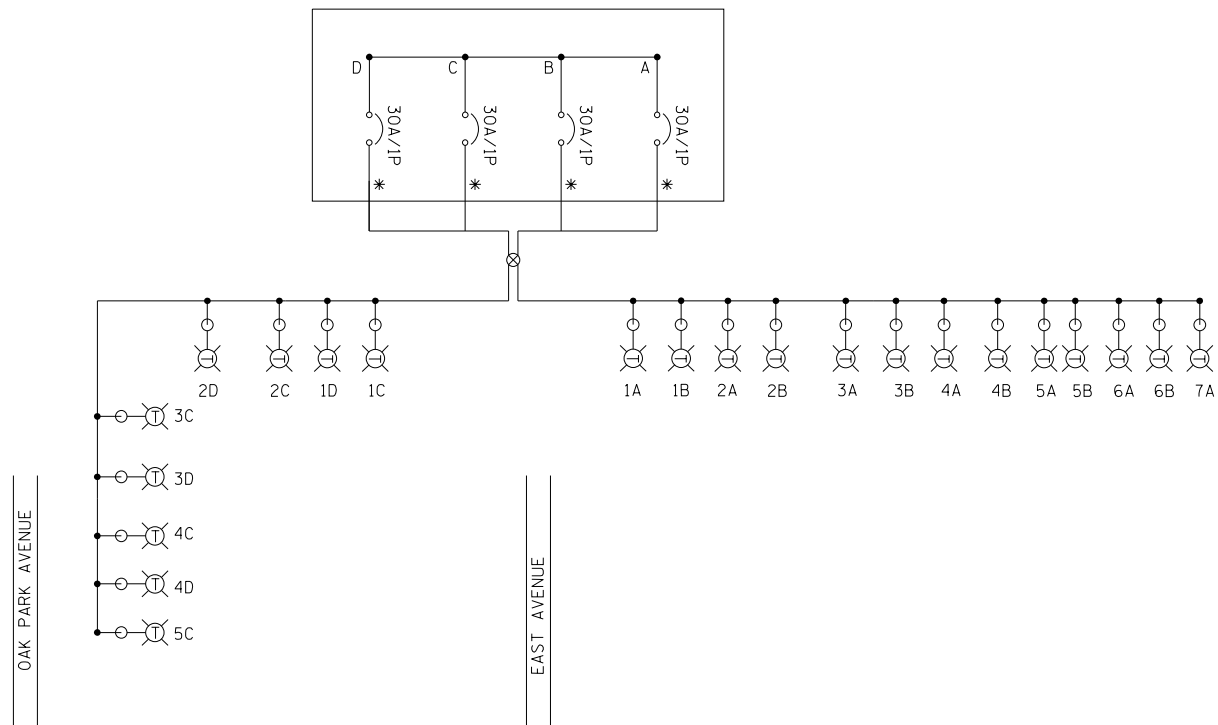
BERWYN DEPOT DISTRICT STREETScape
 TEMPORARY ELECTRICAL CABINET SIGNAL LINE DIAGRAM

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	408
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C4 150A, 240/480V 1PH, 3W	A	30A, 240V	658W
	B	30A, 240V	564W
	C	30A, 240V	470W
	D	30A, 240V	376W
SUBTOTAL			2068W
CABINET C4 TOTAL LOAD (480V, 1PH)			4.3 AMPS

TEMPORARY LIGHTING SINGLE LINE DIAGRAM
 EXISTING LIGHTING CONTROLLER C4
 (LOCATED AT WINDSOR AVE. AND WESLEY AVE.)
 150P, 240/480V, 1Ø, 3W



LEGEND	
	TEMPORARY 60 FT WOOD POLE WITH LED LUMINAIRE MOUNTED AT 50 FT ON 15 FT MAST ARM.
	EXISTING LIGHTING CONTROLLER
	3-1/C*2, AERIAL CABLE WITH MESSENGER WIRE UNLESS OTHERWISE NOTED
	TEMPORARY WOOD POLE

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
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	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

MODEL: Model 4
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
 TEMPORARY ELECTRICAL CABINET SIGNAL LINE DIAGRAM

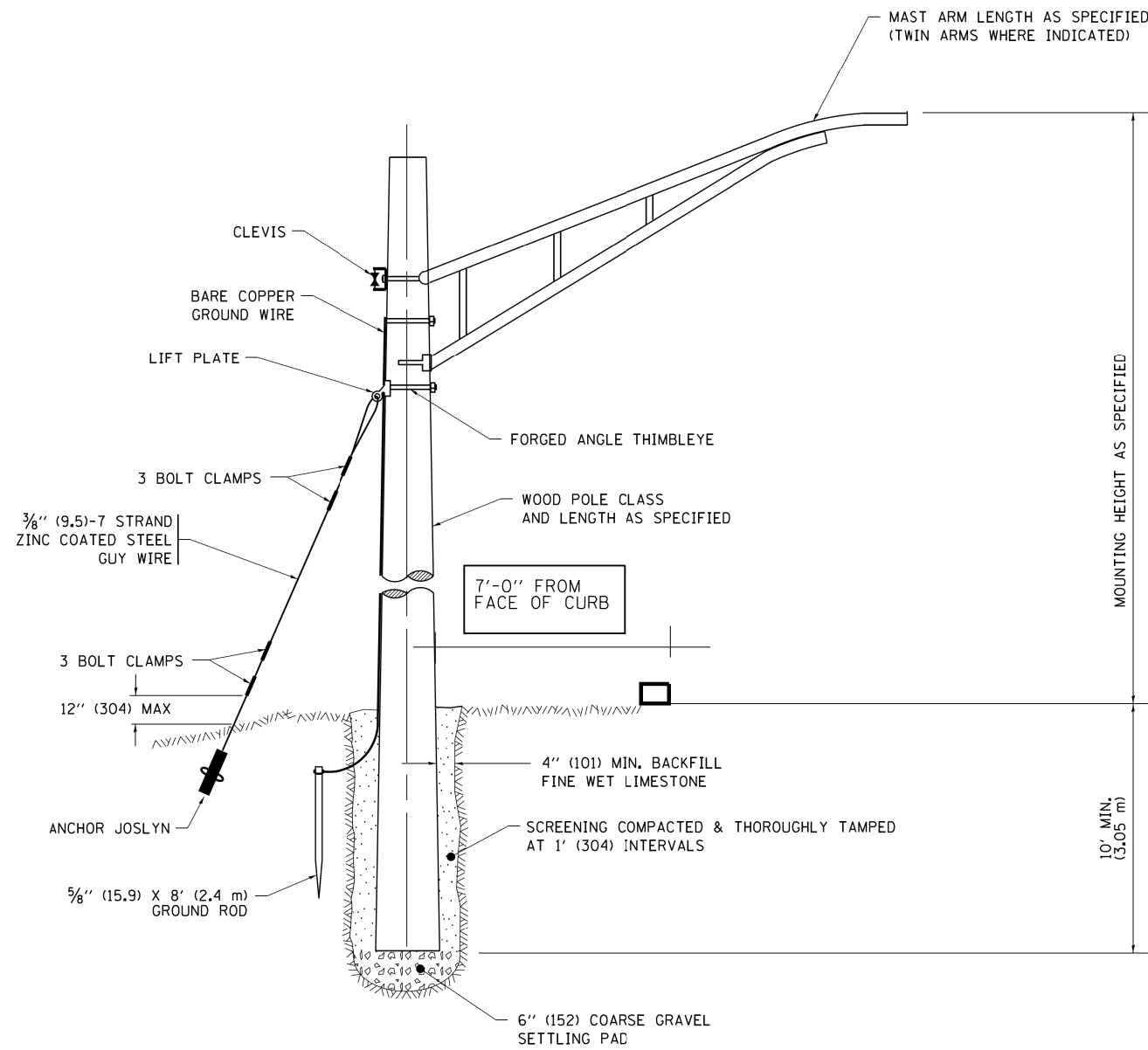
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	409
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

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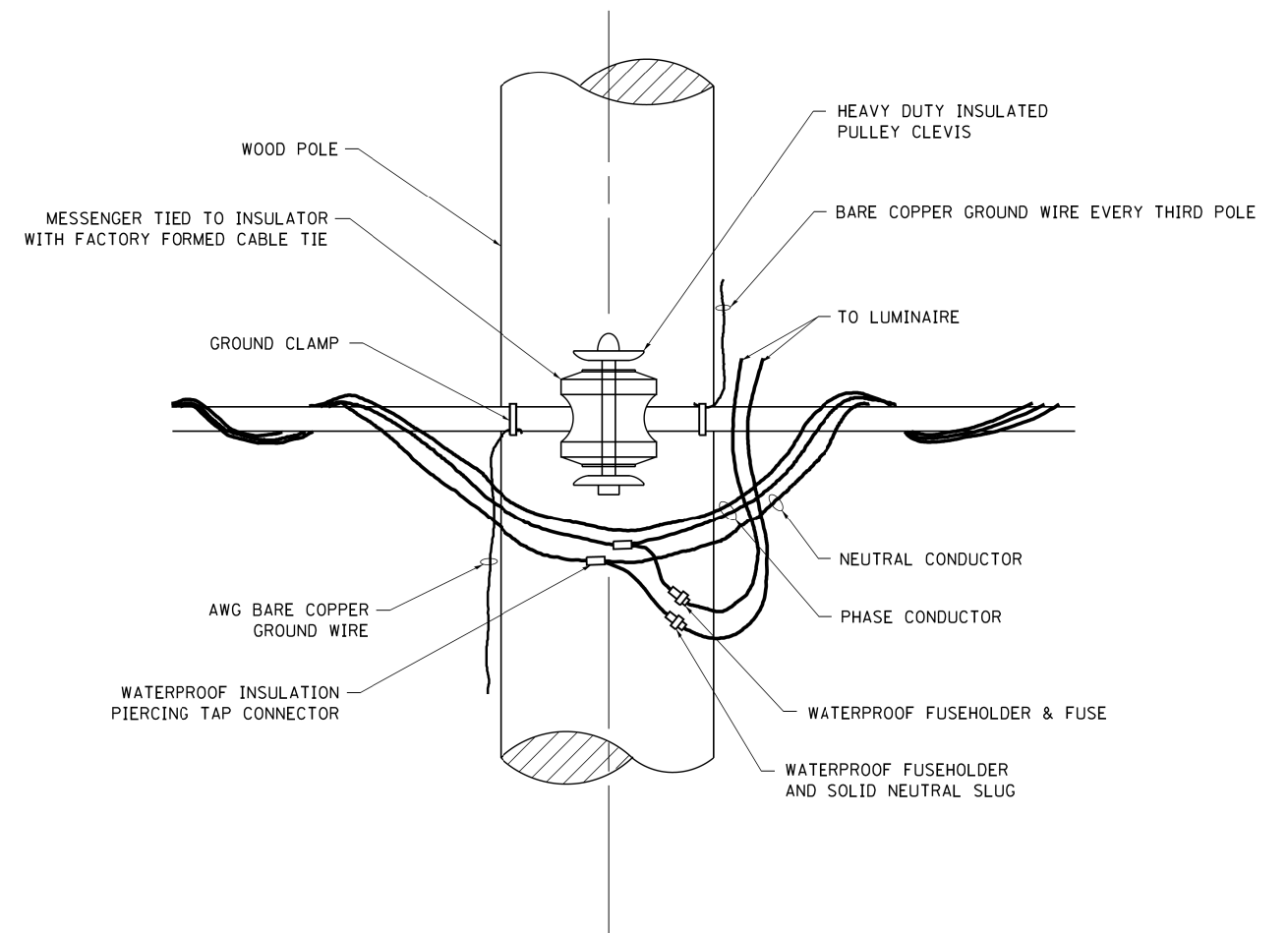
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TEMPORARY LIGHT POLE DETAIL

NOTE:

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



TEMPORARY LIGHT POLE ATTACHMENT DETAIL



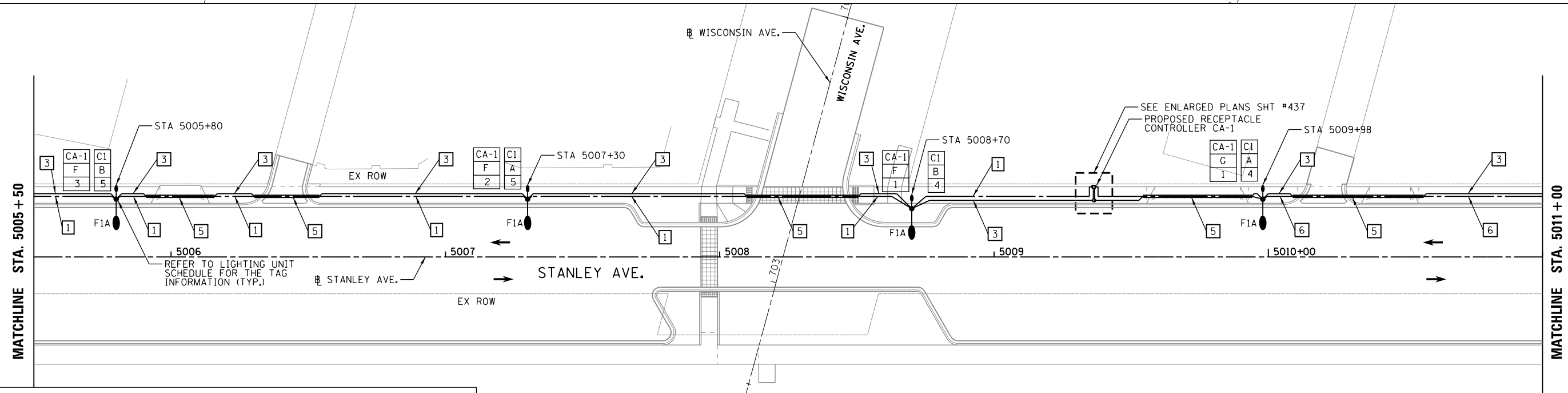
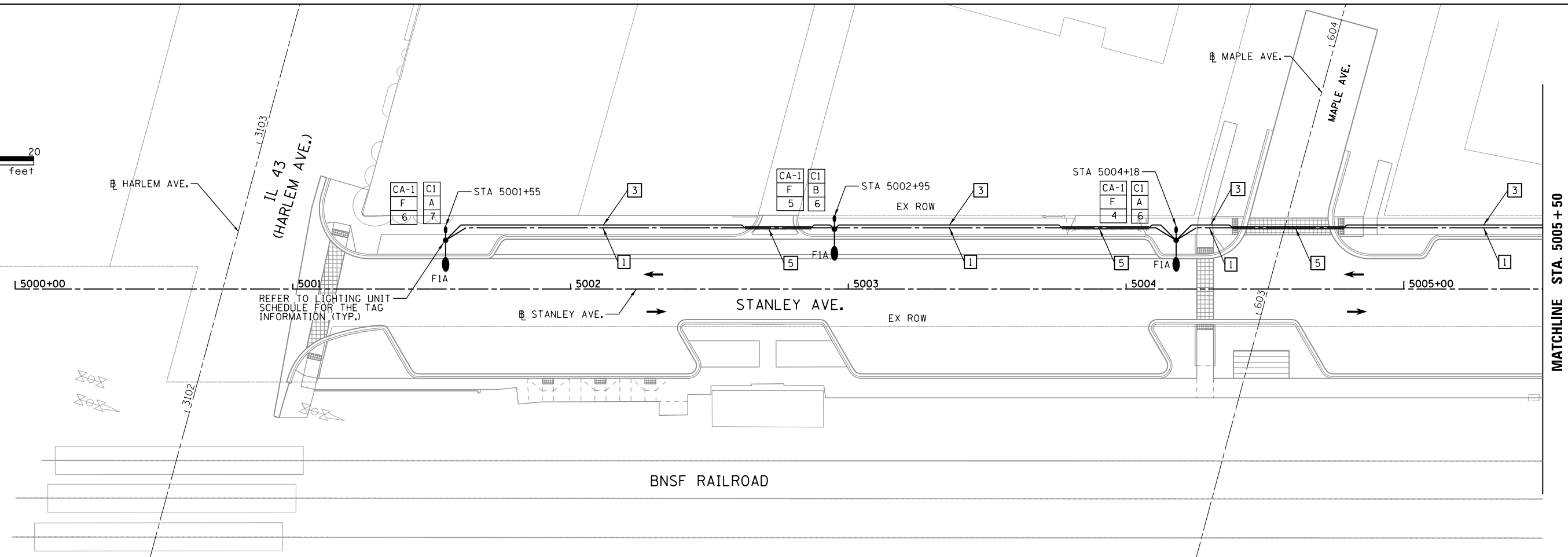
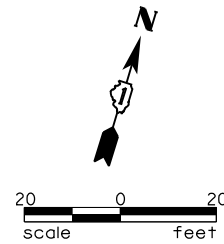
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHT POLE DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	410
LIGHT POLE DETAIL			CONTRACT NO.61H24	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

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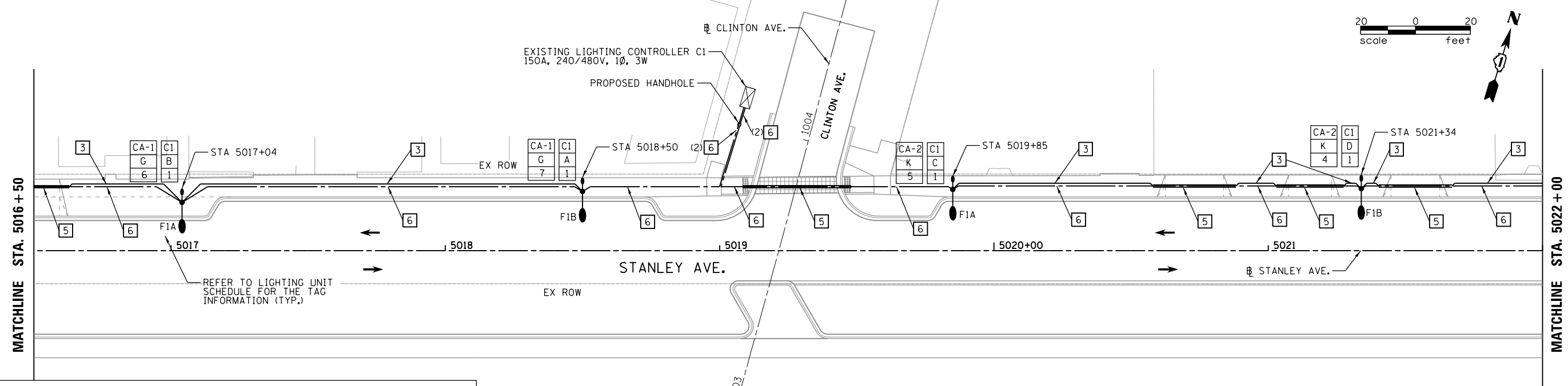
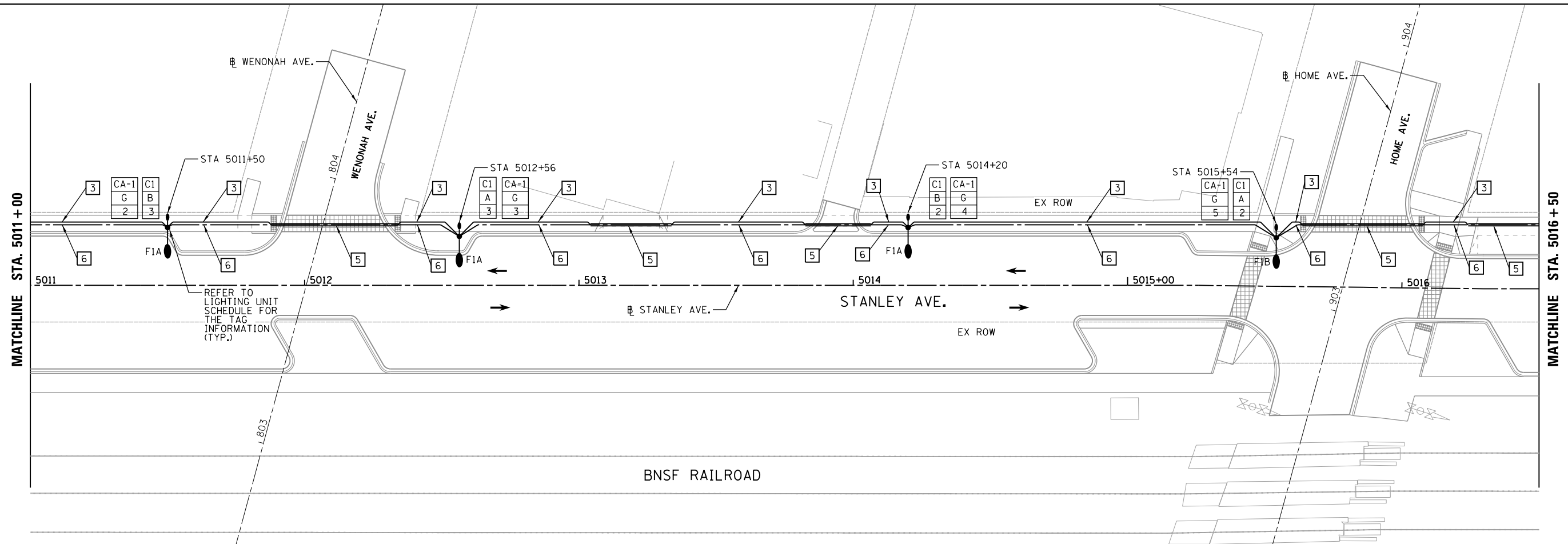
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

**BERWYN DEPOT DISTRICT STREETScape
 STANLEY AVENUE STREET LIGHTING PLAN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	412
CONTRACT NO.61H24				

ILLINOIS FED. AID PROJECT



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
5	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

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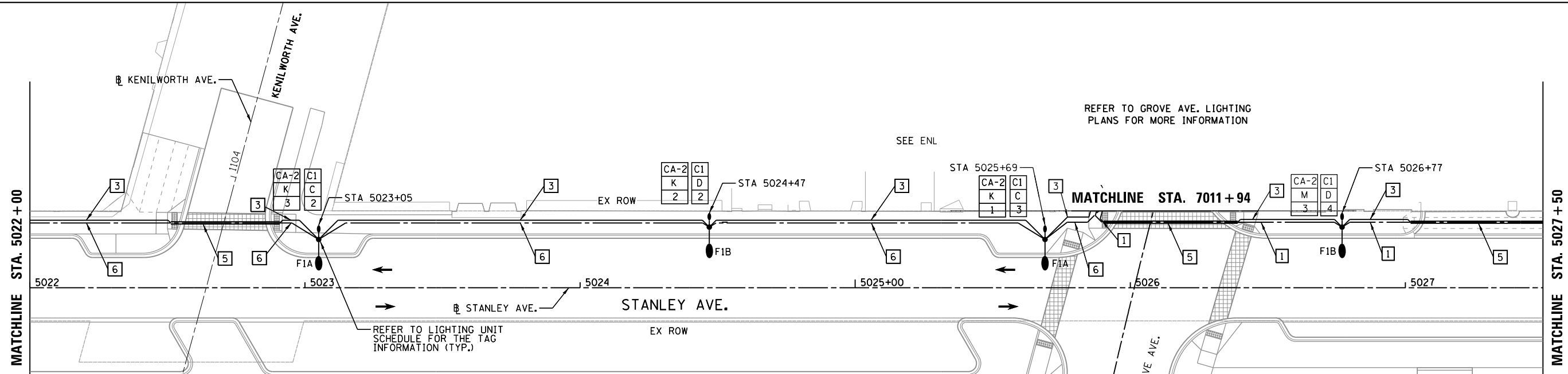
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

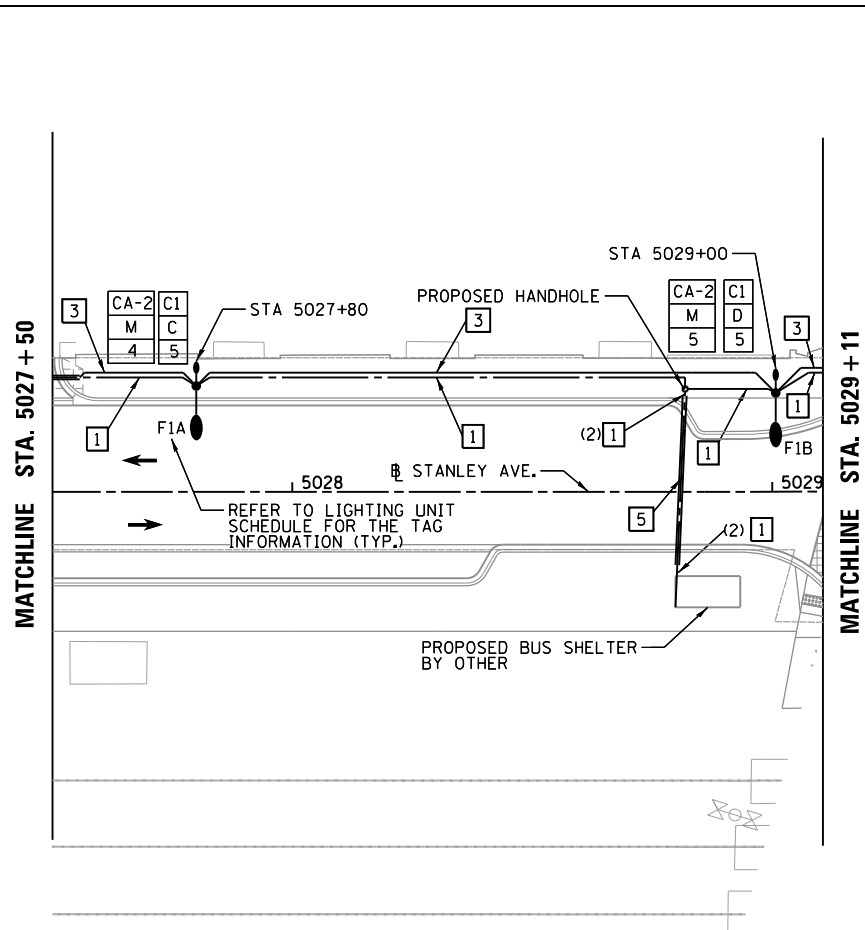
BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE STREET LIGHTING PLAN	
SCALE:	SHEET 2 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	413
CONTRACT NO.61H24				

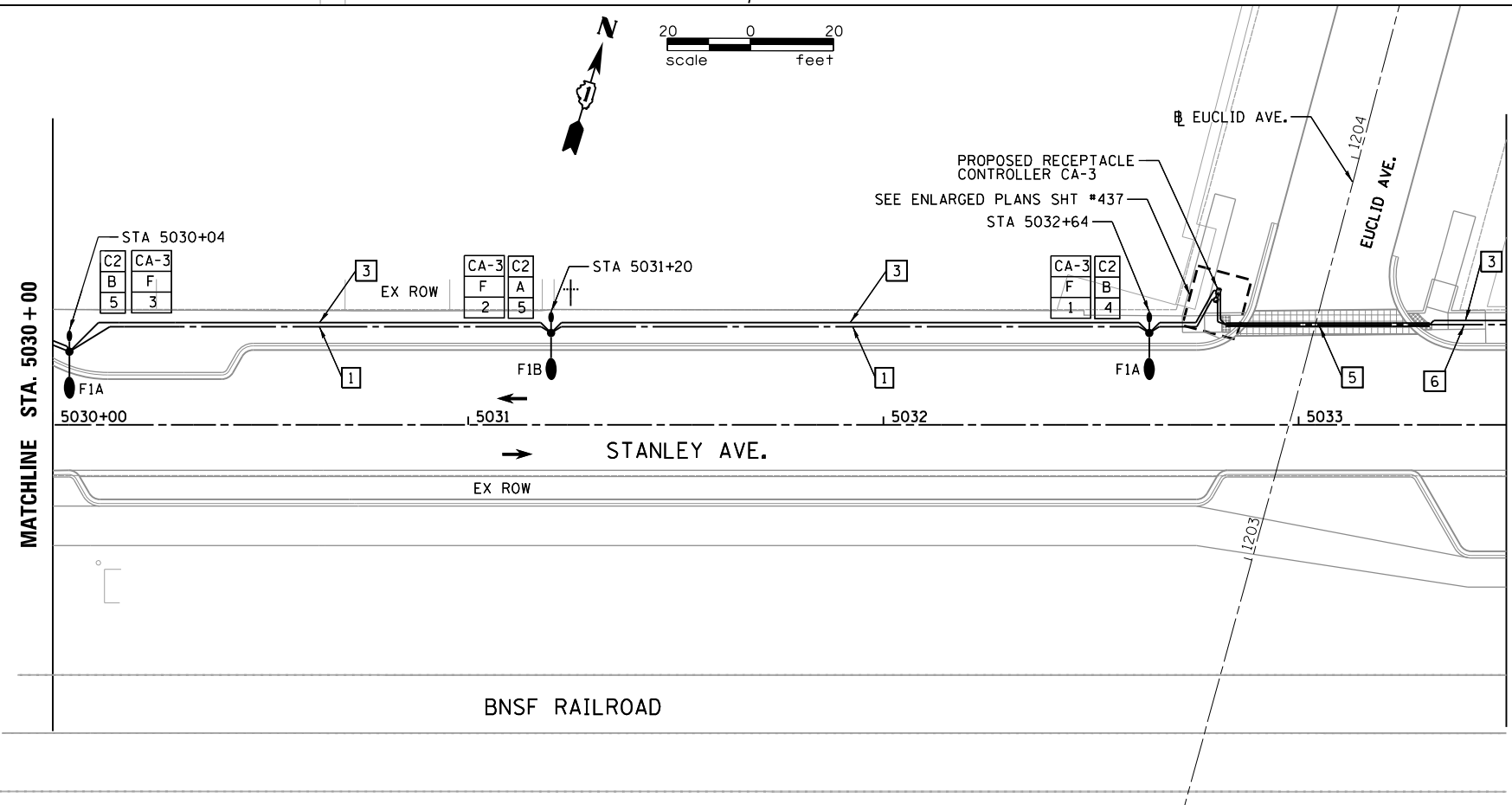
ILLINOIS FED. AID PROJECT



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



REFER TO OAK PARK AVE. LIGHTING PLANS FOR MORE INFORMATION



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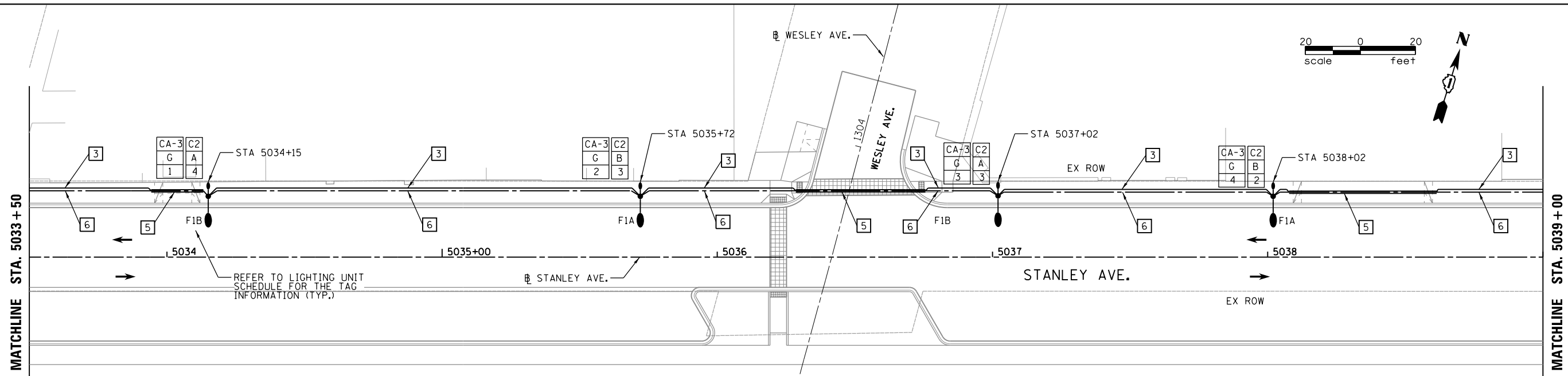
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

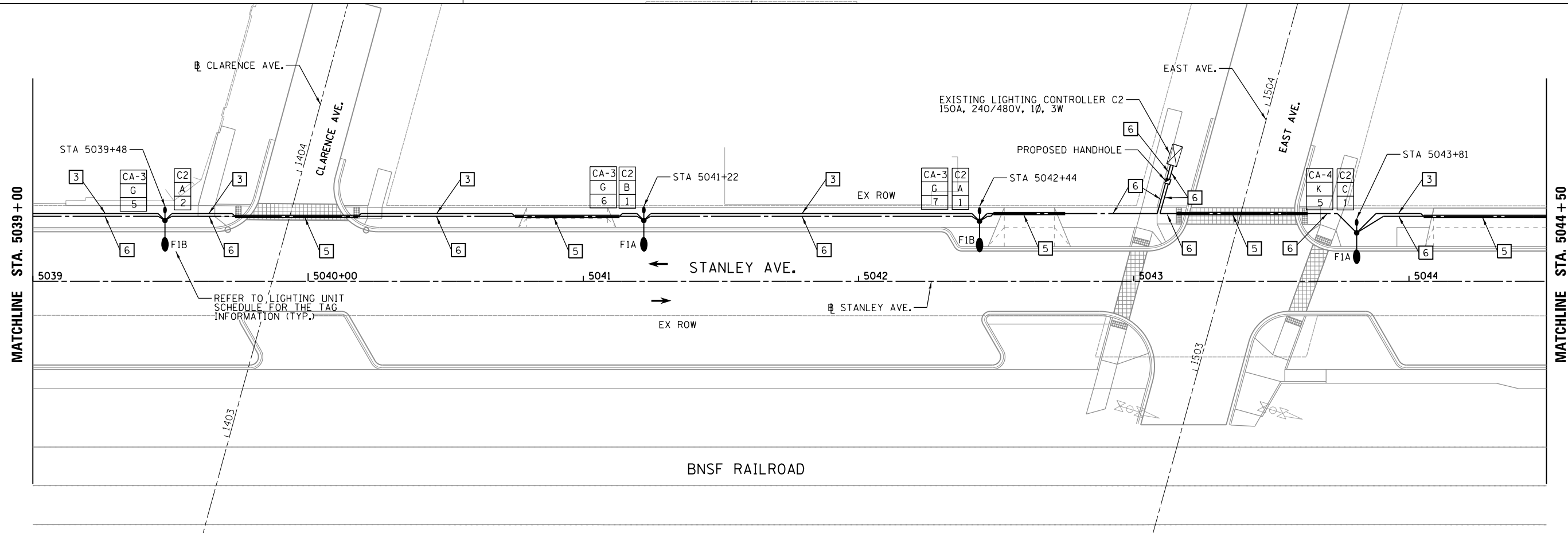
BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE STREET LIGHTING PLAN	
SCALE:	SHEET 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	414
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_ST.LT.G_04.dgn



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 5 PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 6 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

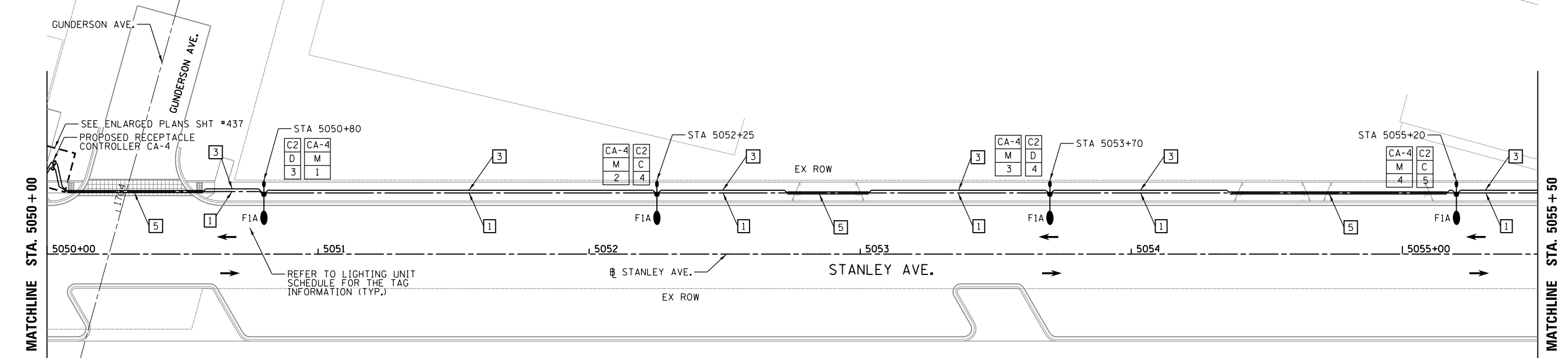
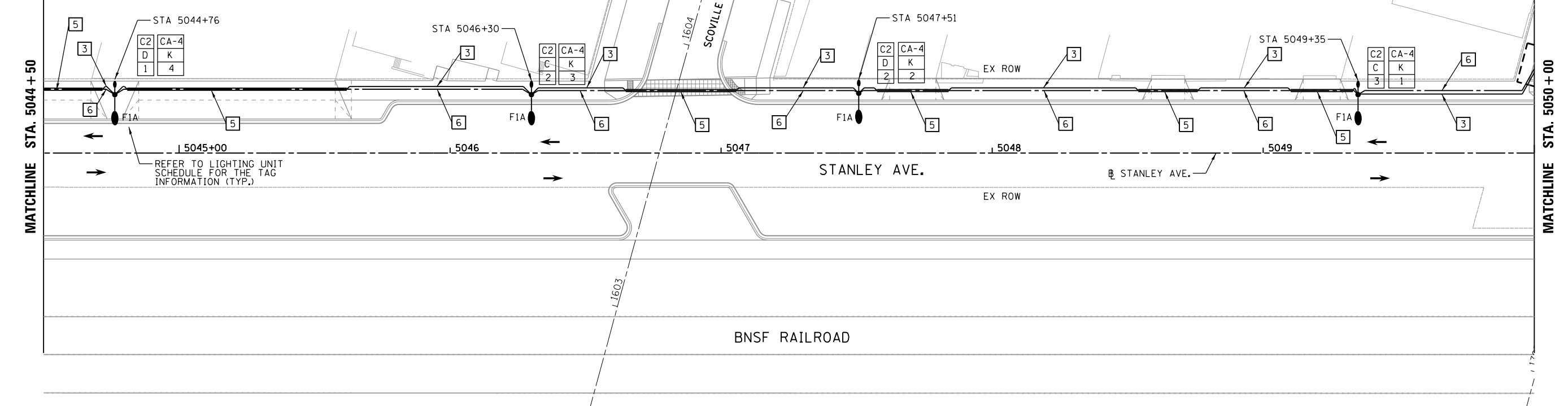
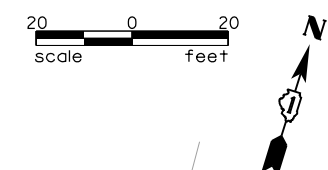


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PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE STREET LIGHTING PLAN	
SCALE:	SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	415
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
5	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

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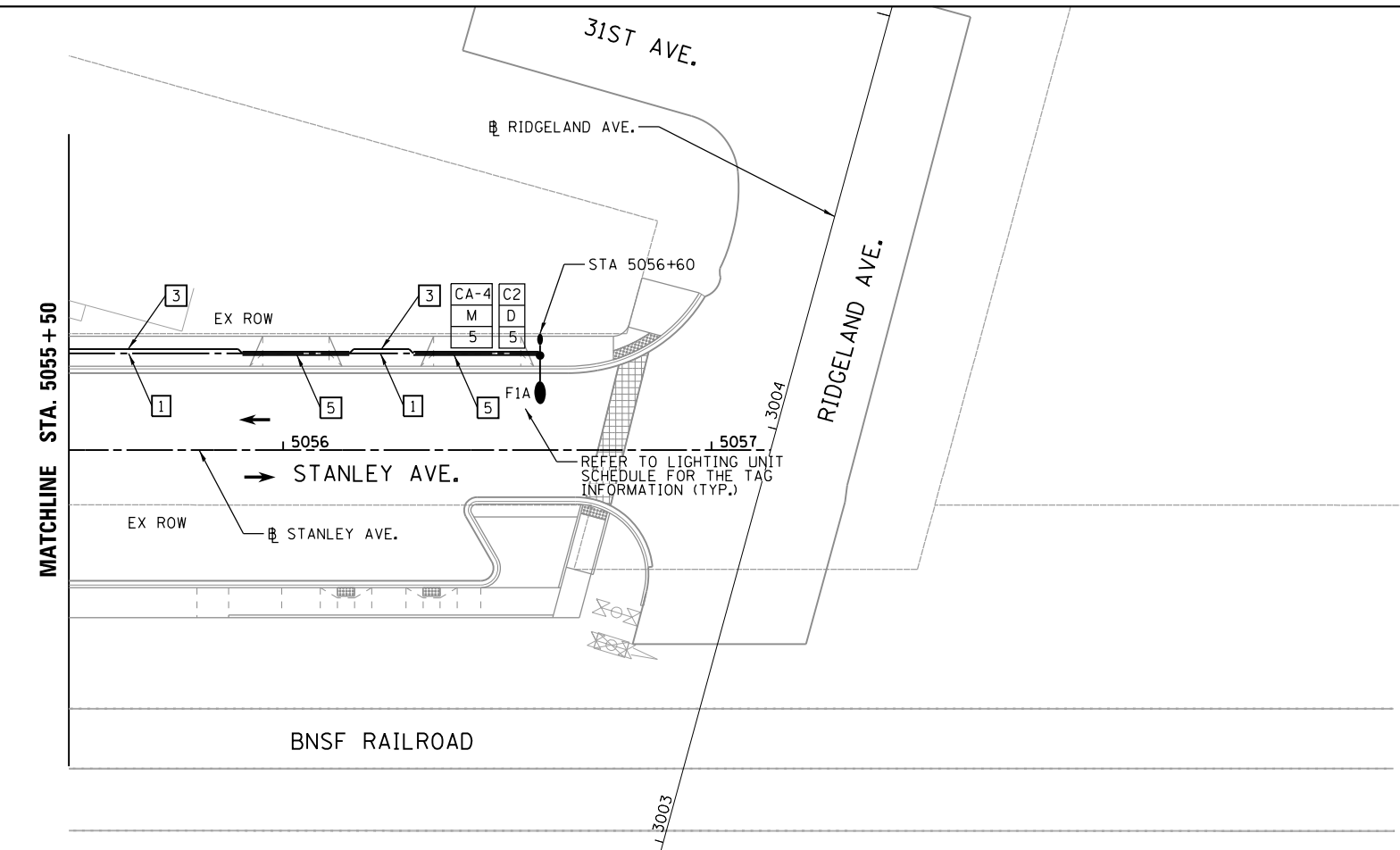
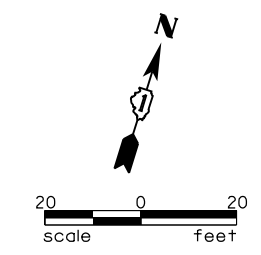
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE STREET LIGHTING PLAN**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	416
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE
5	PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
6	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

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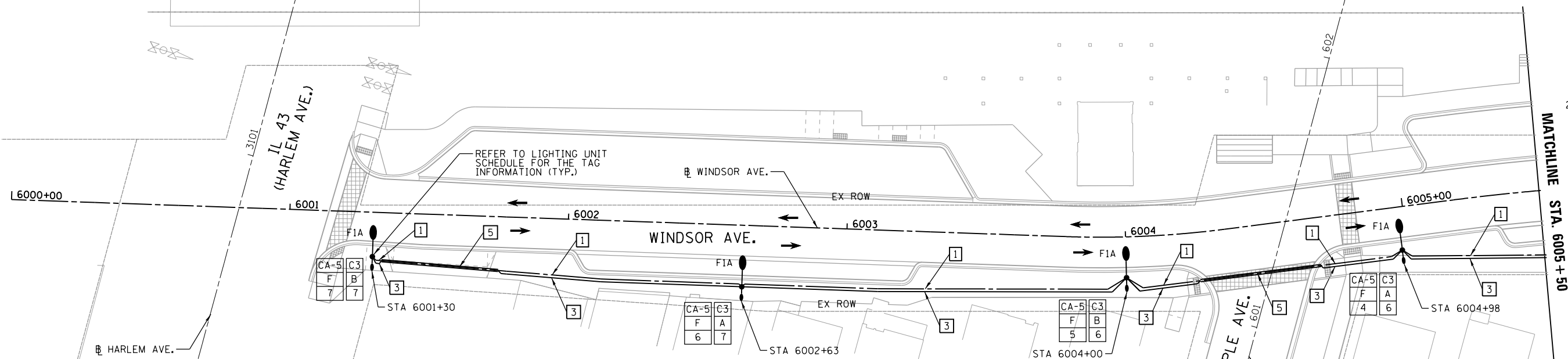
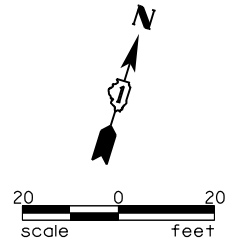
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PLOT SCALE = 40.0000' / in.	CHECKED - EE	REVISED -
PLOT DATE = 11/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE STREET LIGHTING PLAN			
SCALE:	SHEET 6	OF 6 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	417
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

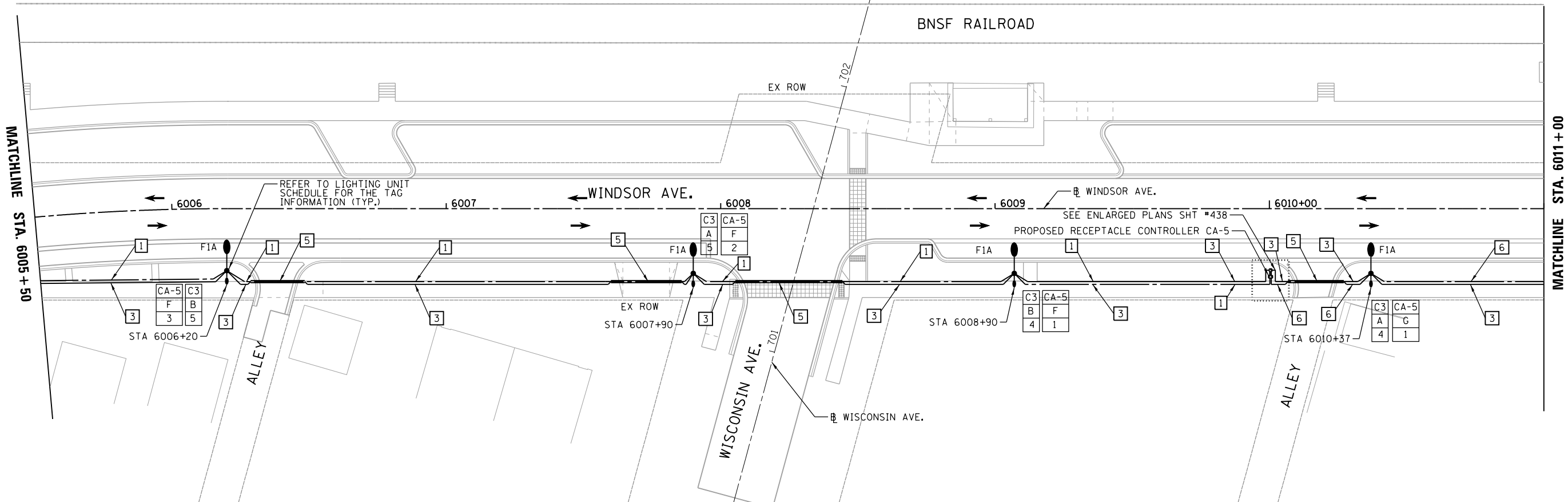
BNSF RAILROAD



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
5	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

BNSF RAILROAD



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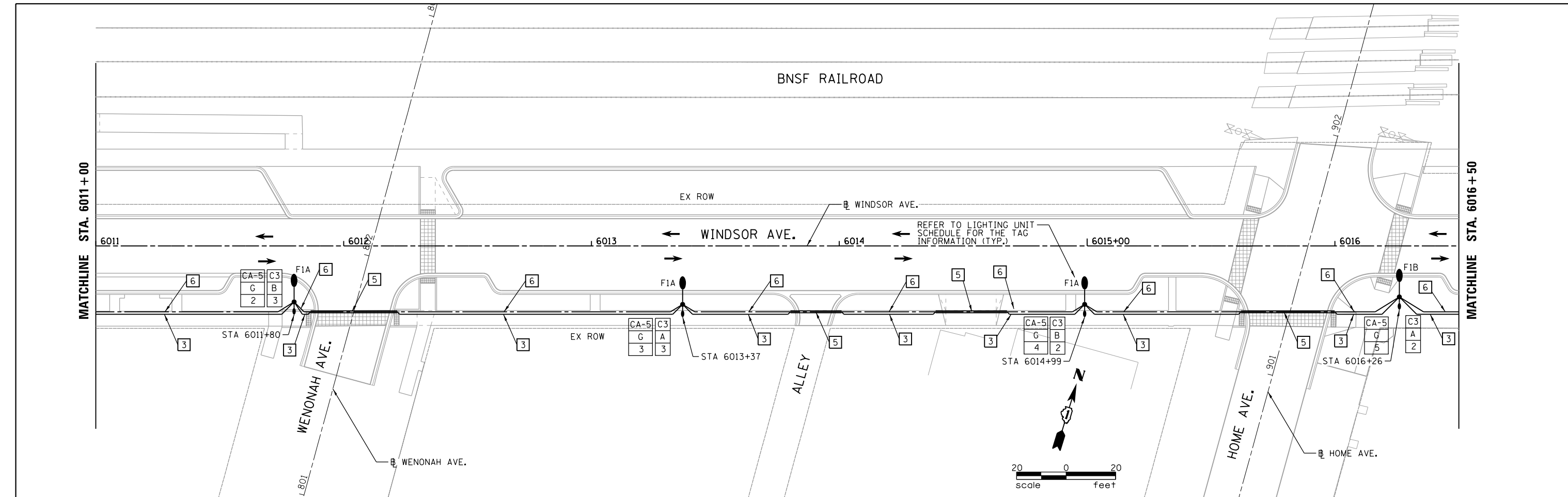
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

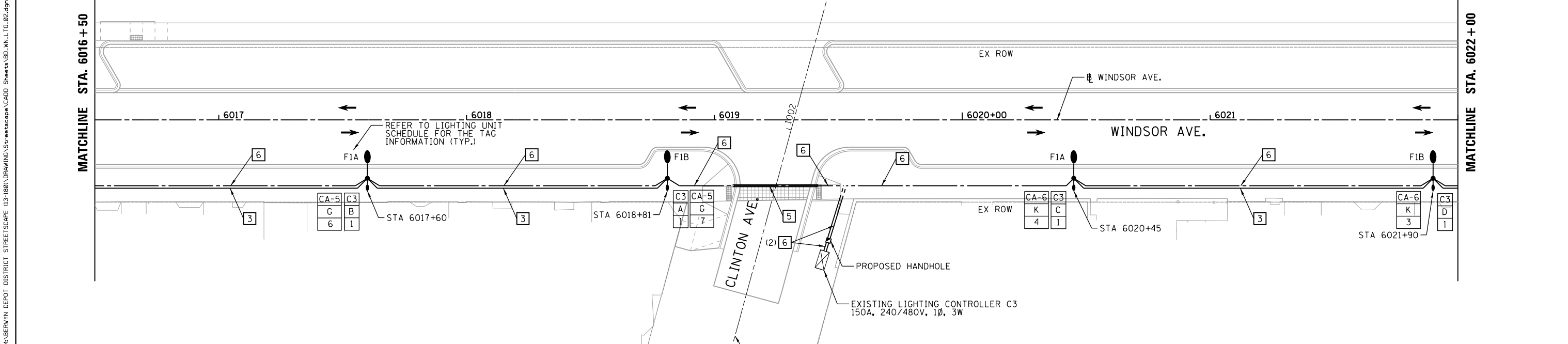
**BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE STREET LIGHTING PLAN**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	418
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE STREET LIGHTING PLAN**

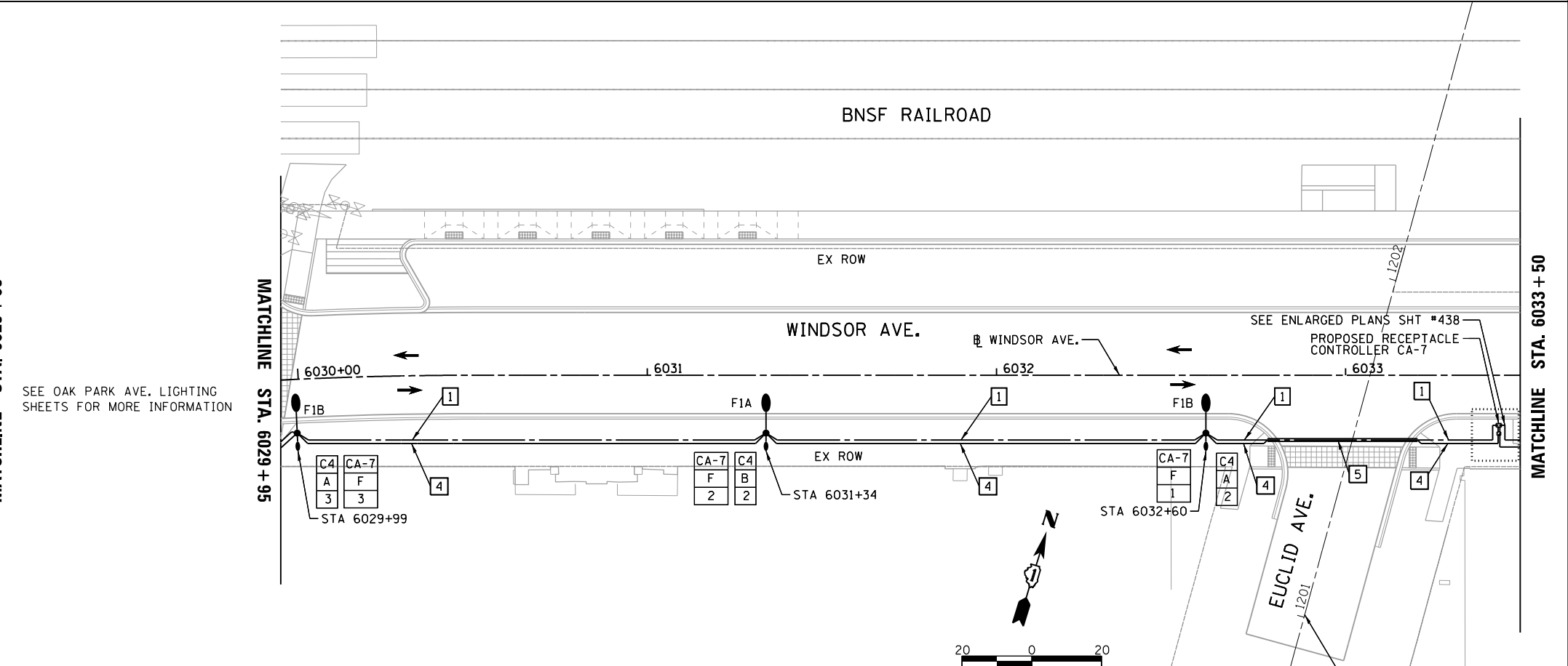
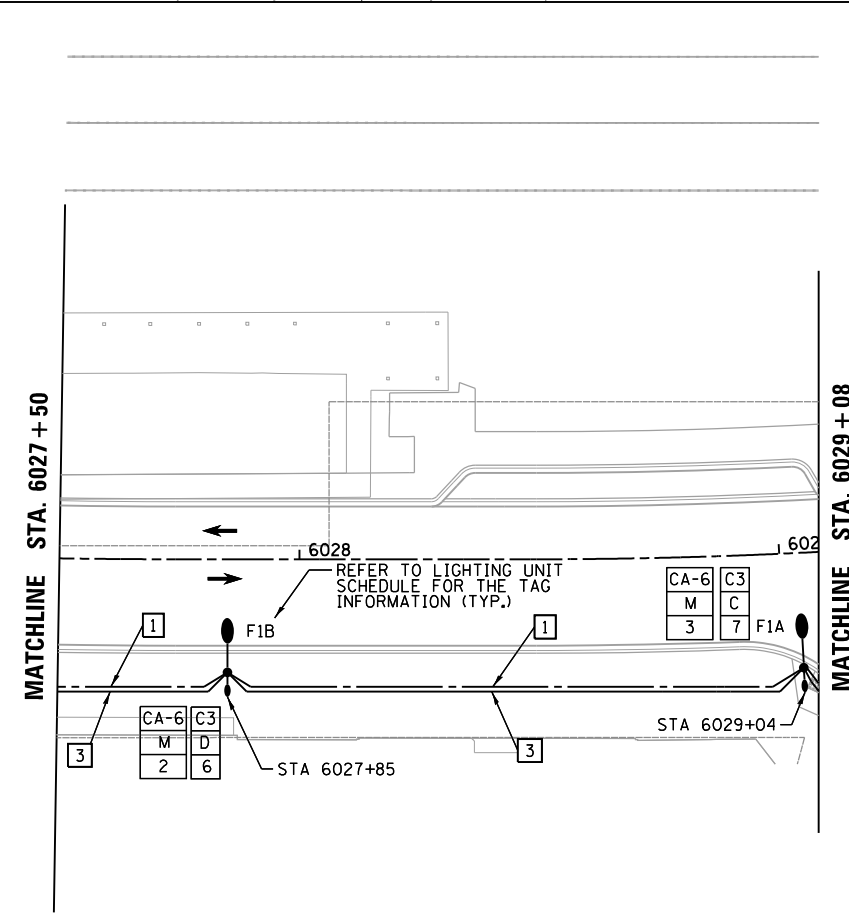
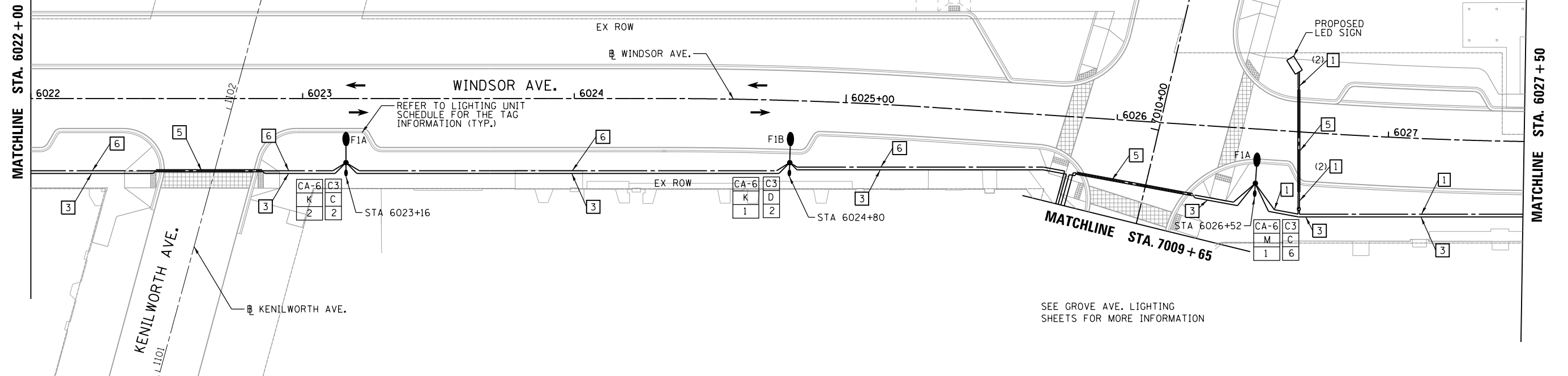
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	419
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

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SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

LEGEND

- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
- 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
- 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



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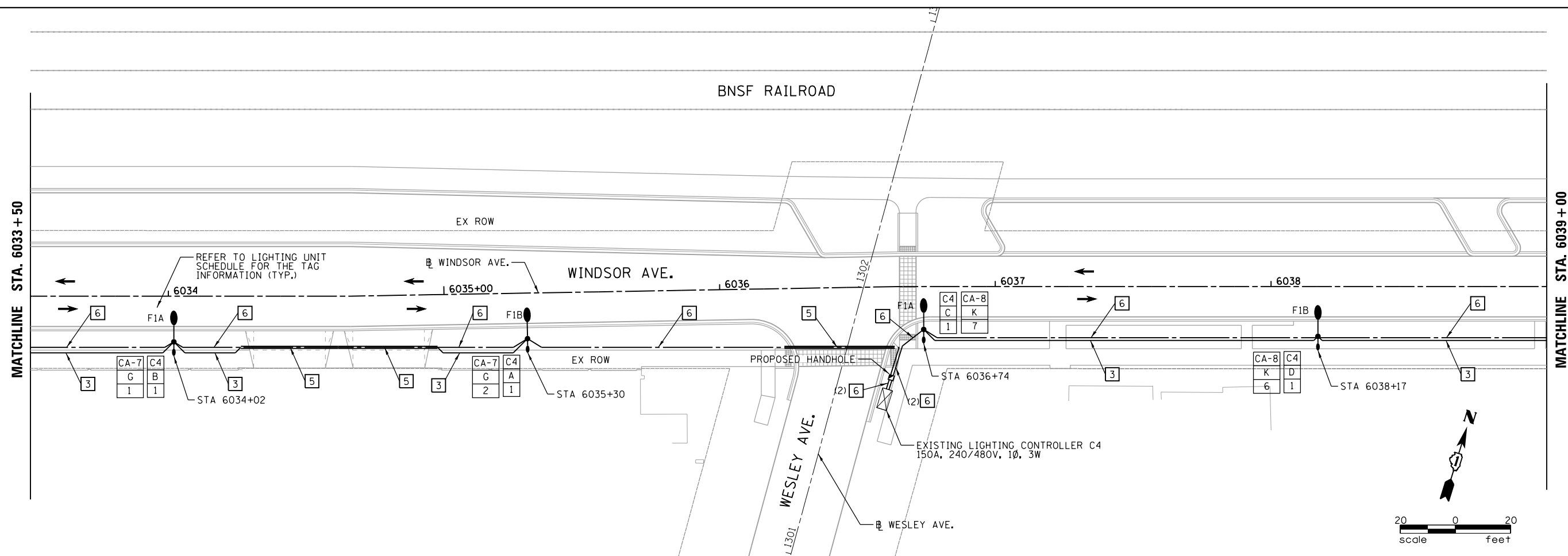


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

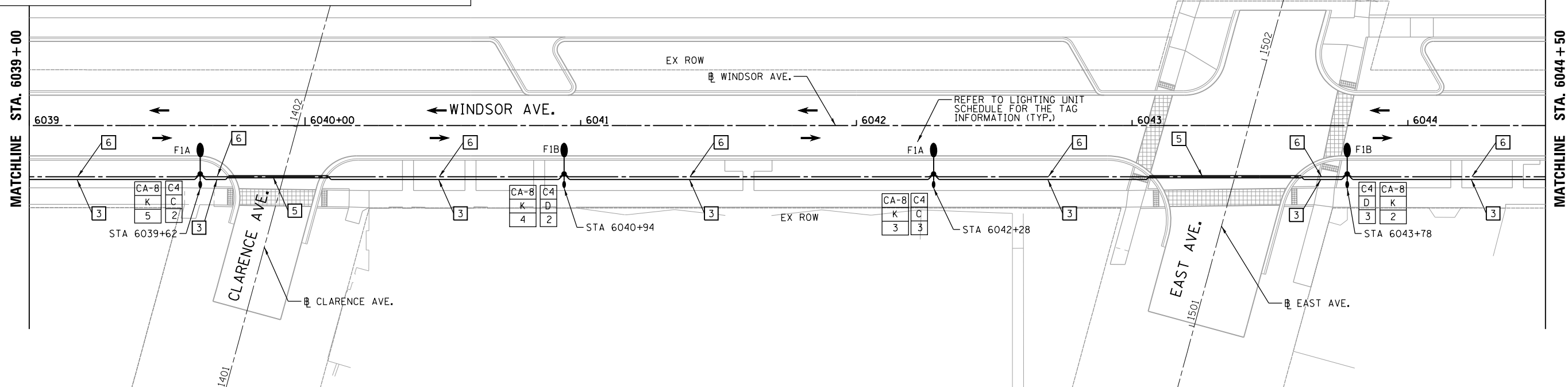
BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE STREET LIGHTING PLAN	
SCALE:	SHEET 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	420
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
- 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
- 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



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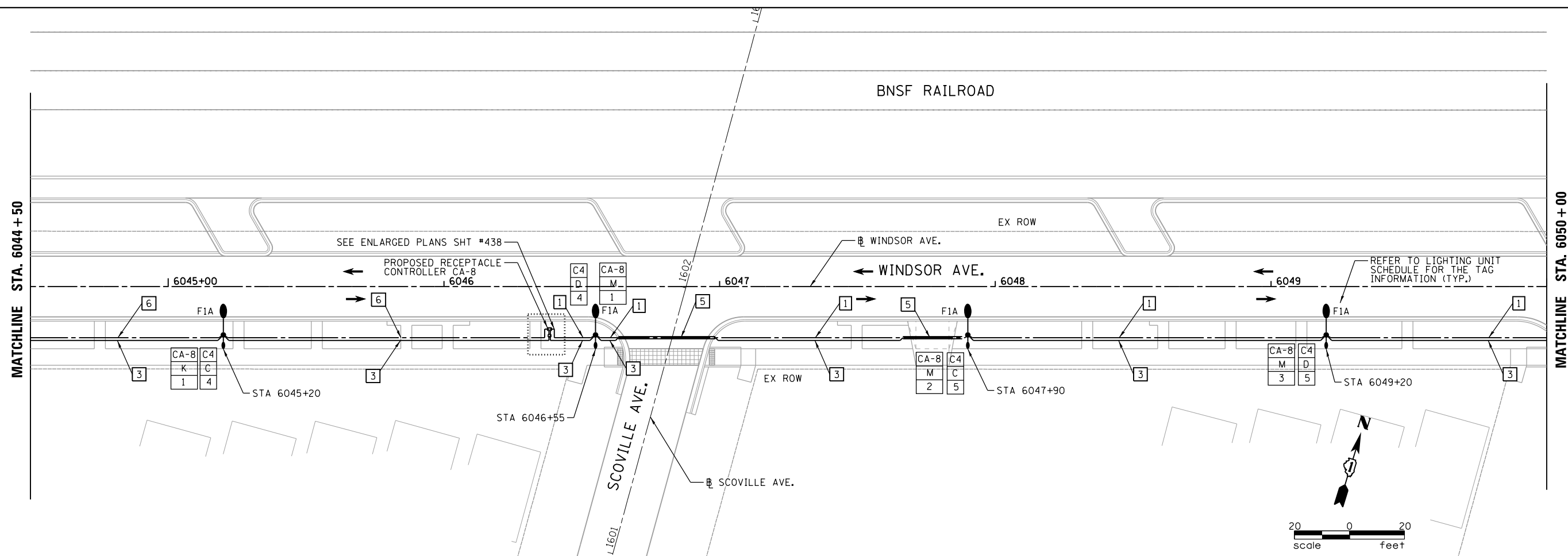
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE STREET LIGHTING PLAN**

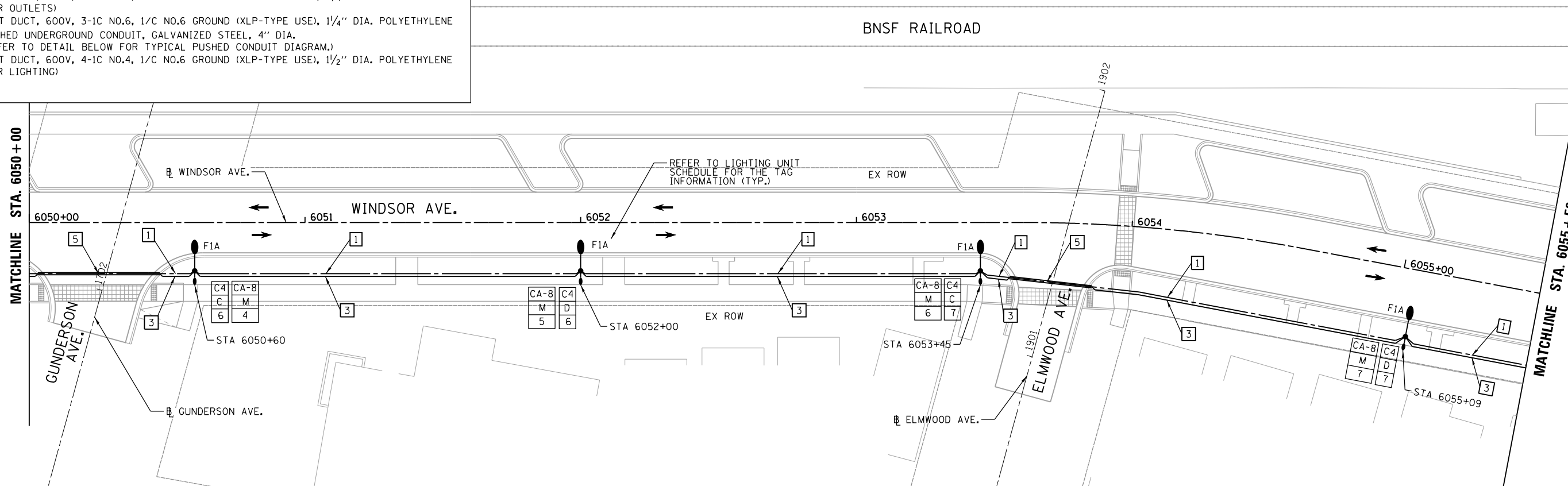
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	421
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
5	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



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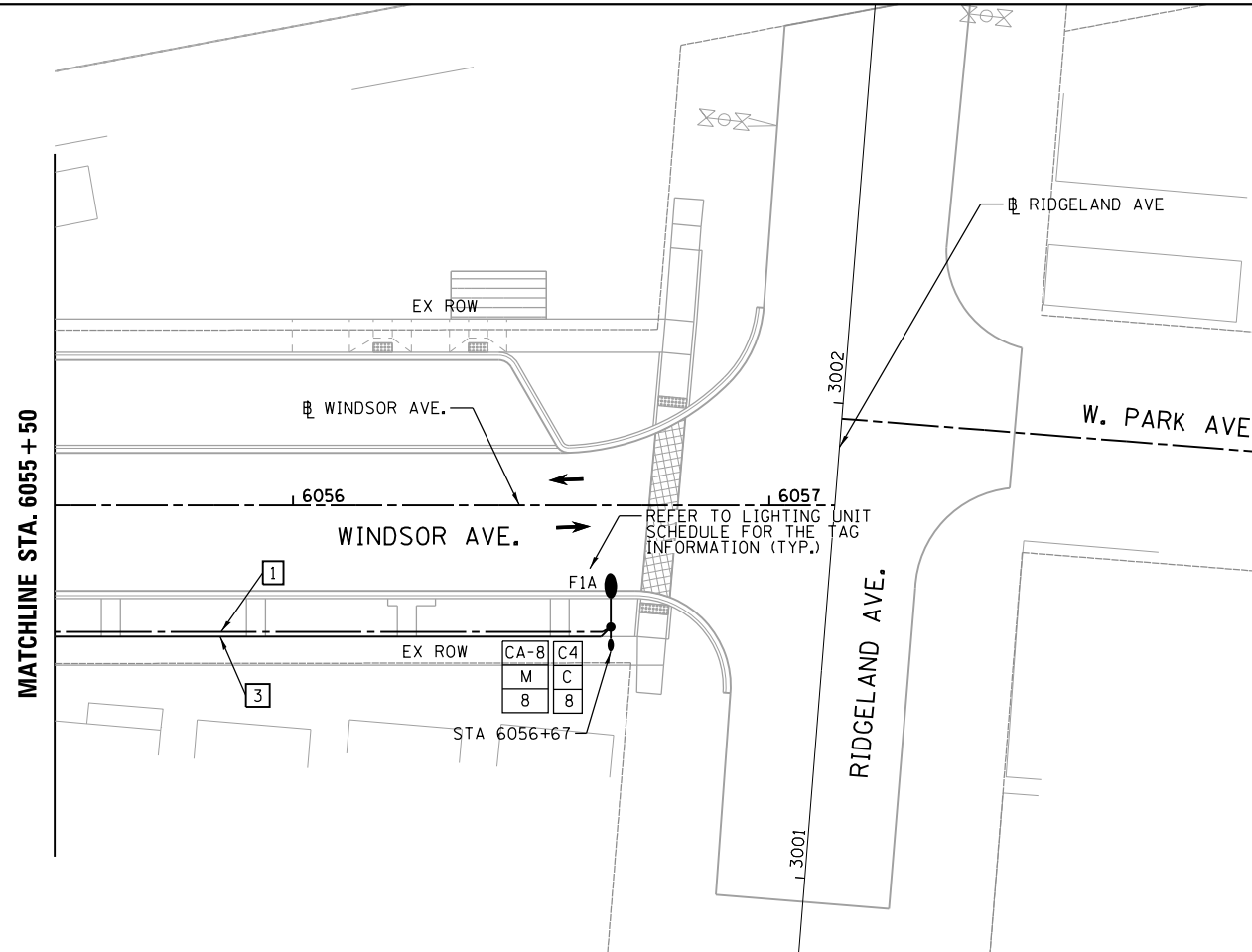
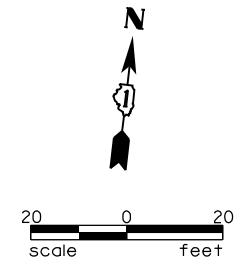


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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE STREET LIGHTING PLAN	
SCALE:	STA. TO STA.
SHEET 5	OF 6 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	422
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LEGEND

1	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
3	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
4	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE
5	PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
6	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

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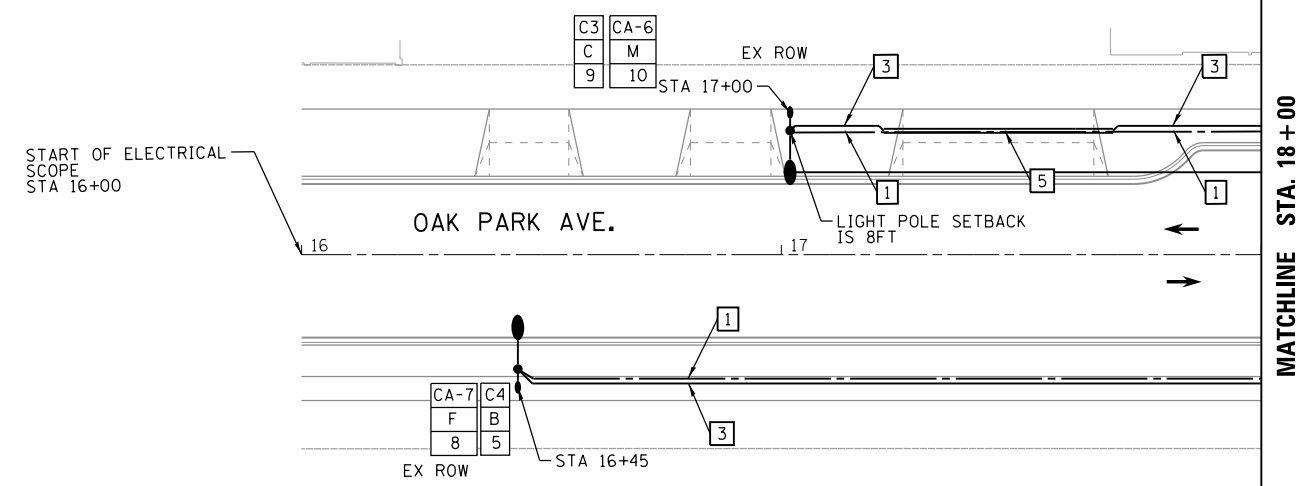
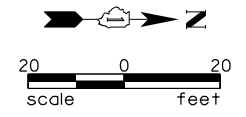


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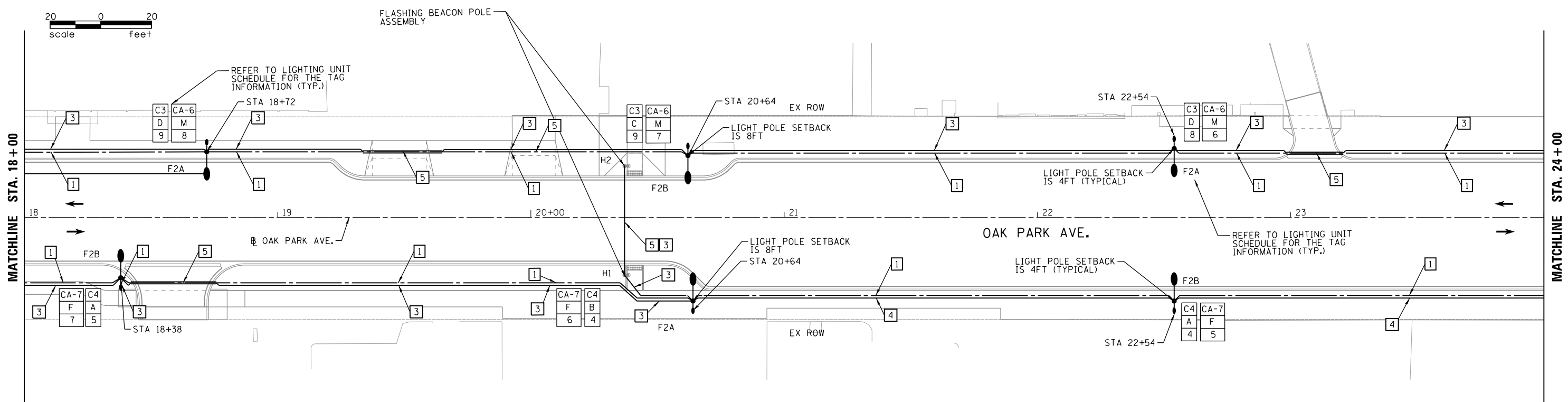
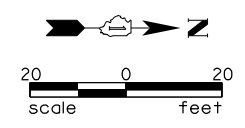
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE STREET LIGHTING PLAN			
SCALE:	SHEET 6	OF 6	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	423
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_DP_L1.TG_01.dgn

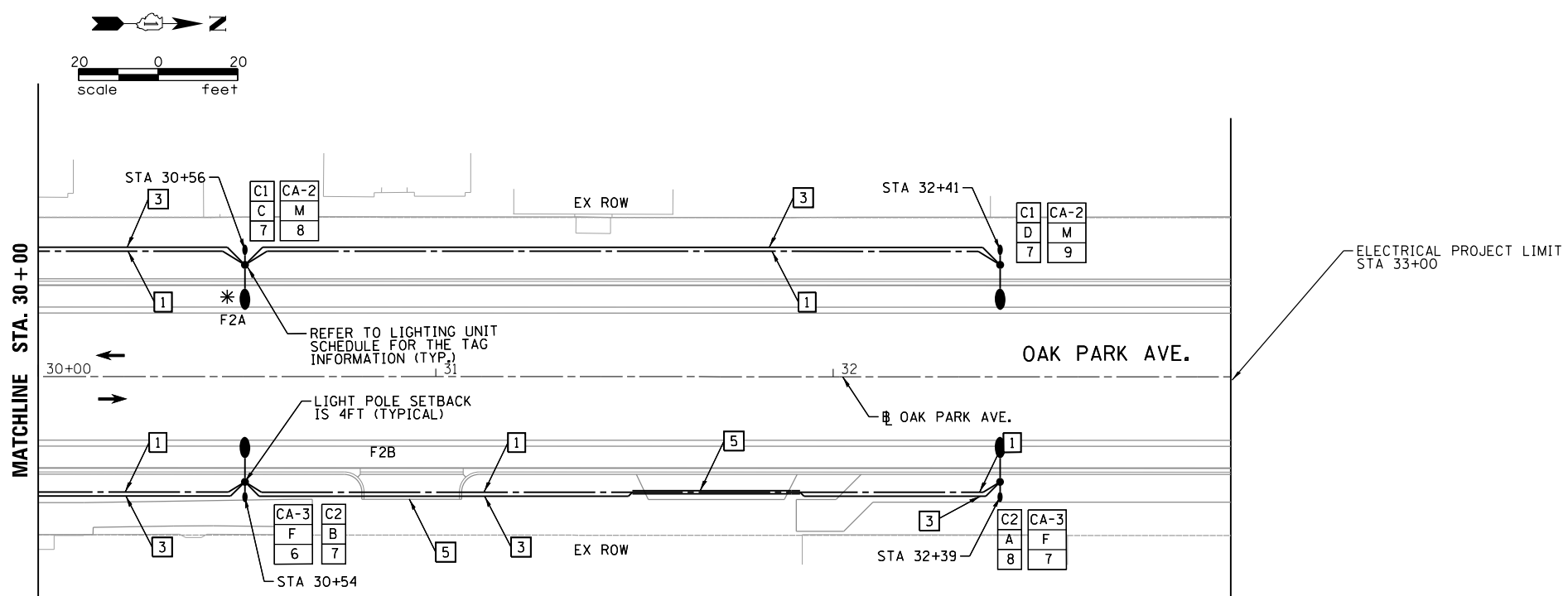
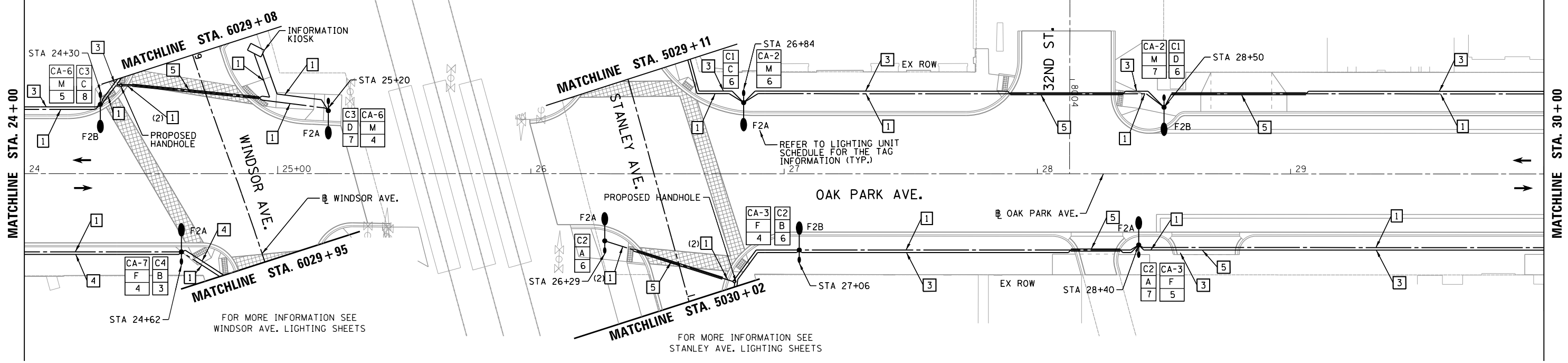
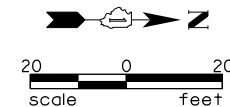


USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETScape OAK PARK AVENUE STREET LIGHTING PLAN			
SCALE:	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	424
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

FILE NAME = M:\BERWYN DEPOT DISTRICT STREETSCAPE (13-180)\DRAWING\Streetscape\CADD Sheets\BD_OP.LT.02.dgn

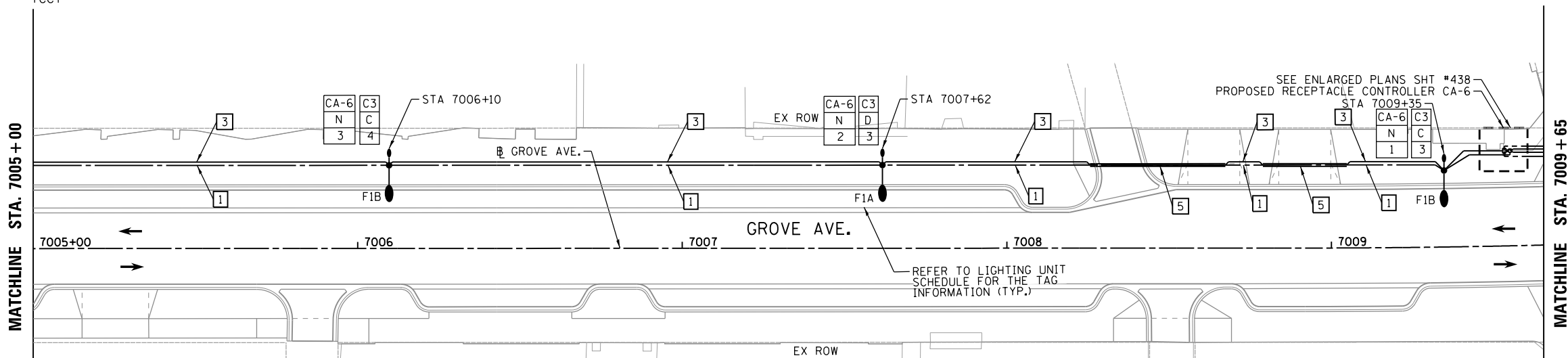
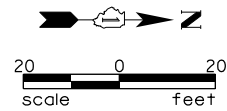
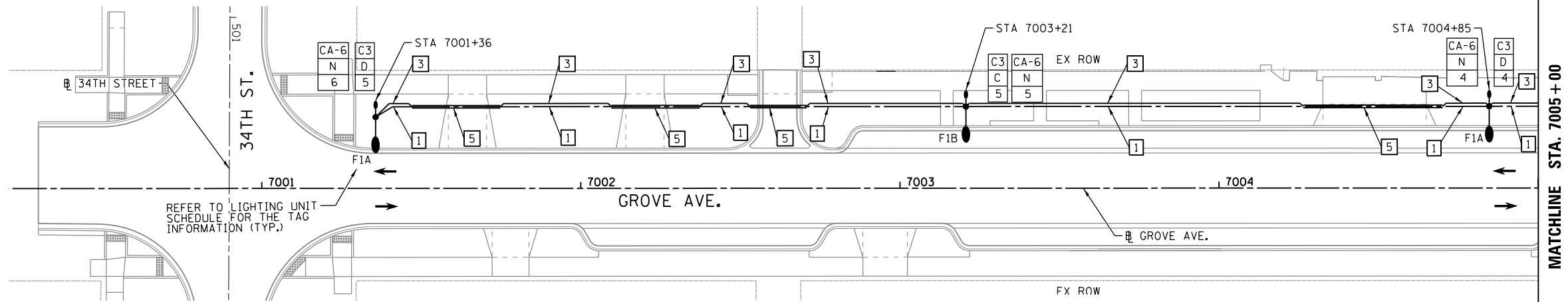
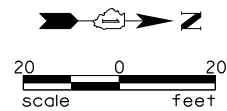


USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BERWYN DEPOT DISTRICT STREETSCAPE OAK PARK AVENUE STREET LIGHTING PLAN			
SCALE:	SHEET 2	OF 3	SHEETS
STA.		TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	425
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



FOR MORE INFORMATION SEE WINDSOR AVE. LIGHTING SHEETS

LEGEND

- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
- 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
- 5 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_GRL.LTG.01.dgn



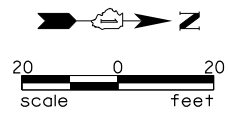
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

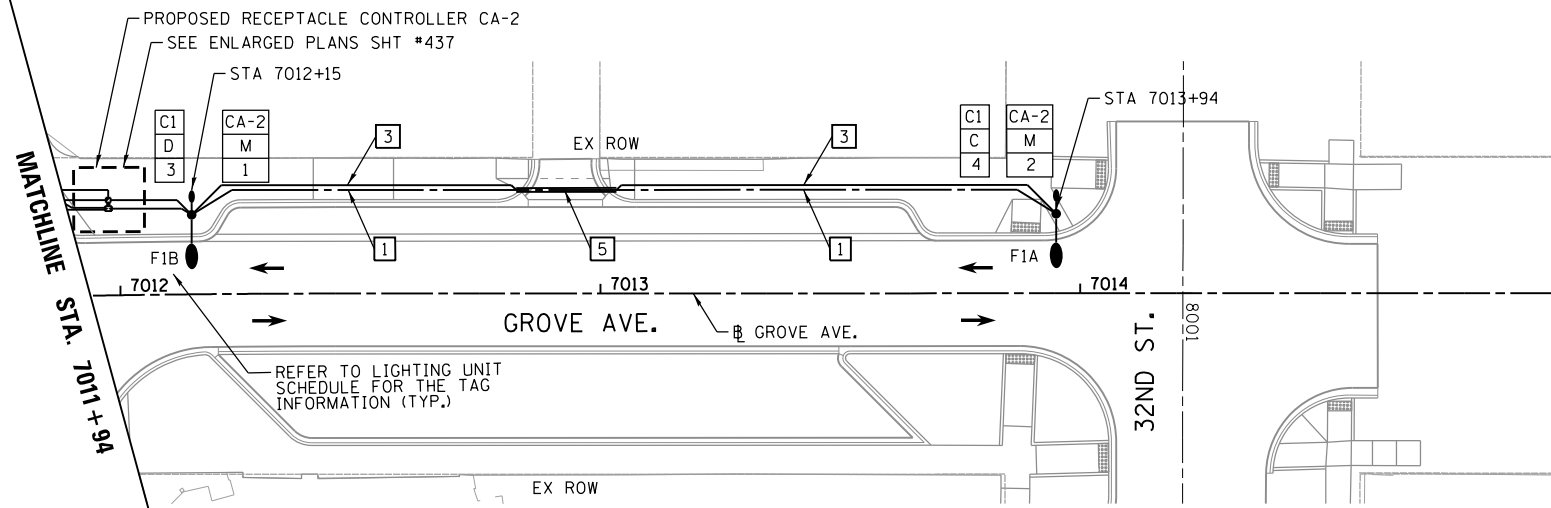
**BERWYN DEPOT DISTRICT STREETScape
GROVE AVENUE STREET LIGHTING PLAN**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2030	13-00170-00-RS	COOK	553	426
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



FOR MORE INFORMATION SEE
STANLEY AVE. LIGHTING SHEETS



LEGEND

- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
- 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 4 UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 5 PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
- 6 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/2" DIA. POLYETHYLENE (FOR LIGHTING)

FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-180)\DRAWING\Streetscape\CADD Sheets\180_Gr.LL.TG_02.dgn

	USER NAME = JuanS	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - EE	REVISED -
	PLOT DATE = 11/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
GROVE AVENUE STREET LIGHTING PLAN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2030	13-00170-00-RS	COOK	553	427
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

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

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	LOAD FILE NAME	
	NO.	
	BY	

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

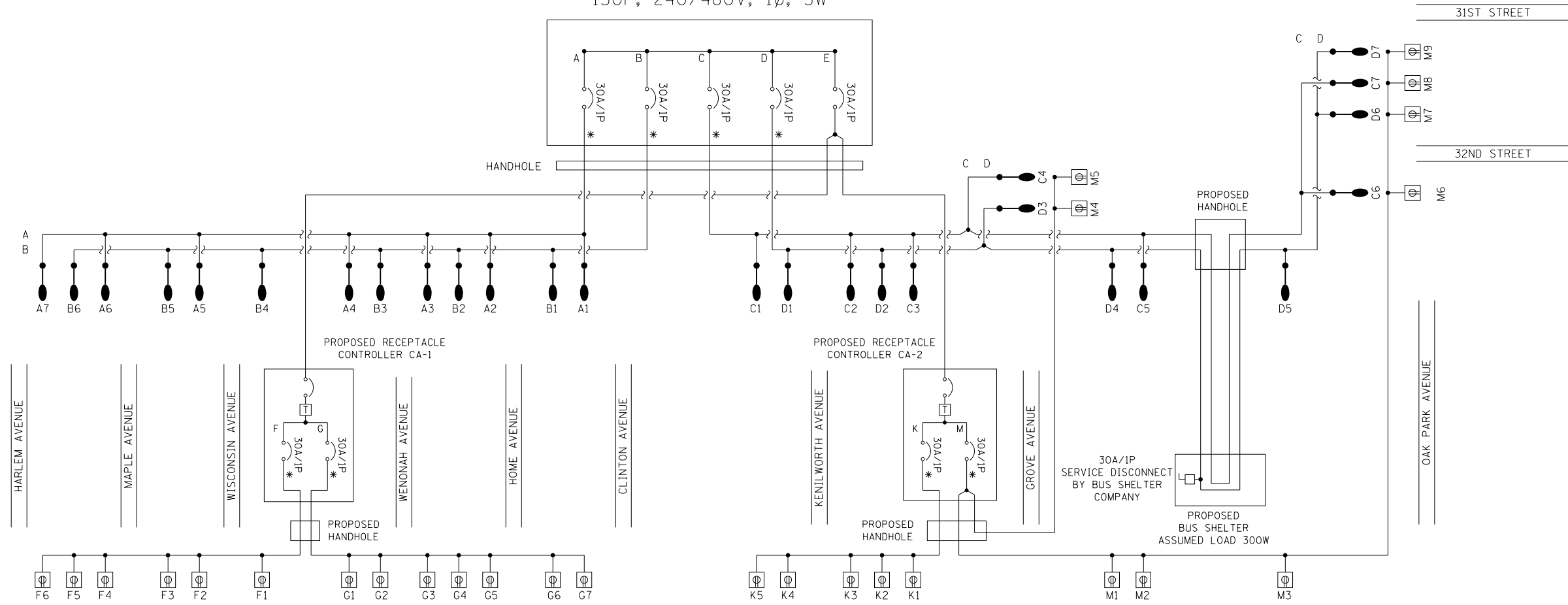
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ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C1 150A, 240/480V 1PH, 3W	A	30A, 240V	1008W
	B	30A, 240V	864W
	C	30A, 240V	1008W
	D	30A, 240V	1308W
	E	30A, 240V	4860W
SUBTOTAL			9048W
CABINET C1 TOTAL LOAD (480V, 1PH)			18.8 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-1 15A, 240V, 1PH	G	30A, 120V	1260W
	F	30A, 120V	1080W
	SUBTOTAL		2340W
CABINET CA-1 TOTAL LOAD (240V, 1PH)			9.75 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-2 15A, 240V, 1PH	K	30A, 120V	900W
	M	30A, 120V	1620W
	SUBTOTAL		2520W
CABINET CA-2 TOTAL LOAD (240V, 1PH)			10.5 AMPS

EXISTING LIGHTING CONTROLLER C1
(LOCATED AT STANLEY AVE. AND CLINTON AVE.)
150P, 240/480V, 1Ø, 3W



LEGEND

- PROPOSED ROADWAY LIGHT POLE
- ⊕ (with WP) PROPOSED VANDAL PROOF RECEPTACLE RECESSED IN POLE SHAFT (WEATHERPROOF AND GROUND FAULT INTERRUPTER) UL LISTED, CORROSION RESISTANT AND COVER NEC 406.8.B.2A COMPLIANT
- * CONTROLLED CIRCUIT WITH TIME CLOCK



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
ELECTRICAL CABINET SIGNAL LINE DIAGRAM**

SCALE: _____ SHEET 1 OF 5 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-R5	COOK	553	428
				CONTRACT NO. 61H24
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
FILE NAME	

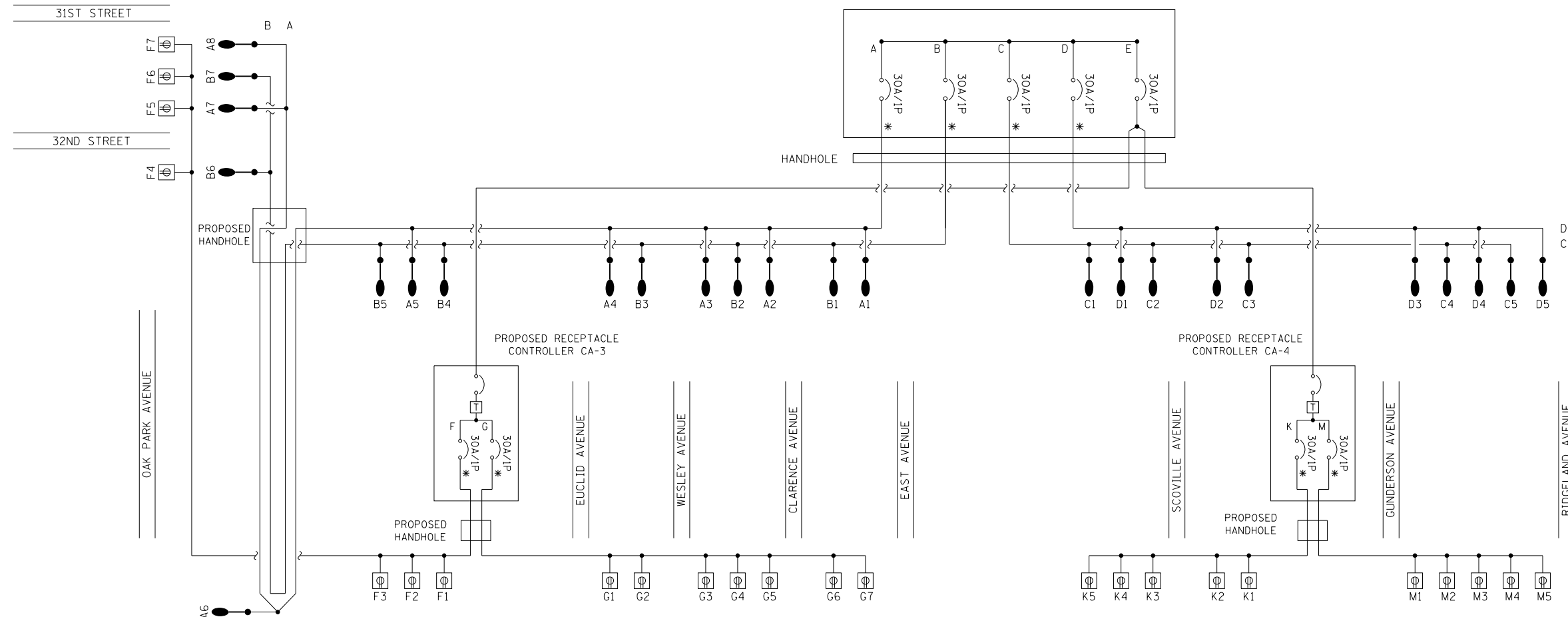
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ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C2 150A, 240/480V 1PH, 3W	A	30A, 240V	1152W
	B	30A, 240V	1008W
	C	30A, 240V	720W
	D	30A, 240V	720W
	E	30A, 240V	4320W
SUBTOTAL			7920W
CABINET C2 TOTAL LOAD (480V, 1PH)			16.5 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-3 15A, 240V, 1PH	G	30A, 120V	1260W
	F	30A, 120V	1260W
	SUBTOTAL		2520W
CABINET CA-3 TOTAL LOAD (240V, 1PH)			10.5 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-4 15A, 240V, 1PH	K	30A, 120V	900W
	M	30A, 120V	900W
	SUBTOTAL		1800W
CABINET CA-4 TOTAL LOAD (240V, 1PH)			7.5 AMPS

EXISTING LIGHTING CONTROLLER C2
 (LOCATED AT STANLEY AVE. AND EAST AVE.)
 150P, 240/480V, 1Ø, 3W



LEGEND

- PROPOSED ROADWAY LIGHT POLE
- ⊕ WP PROPOSED VANDAL PROOF RECEPTACLE RECESSED IN POLE SHAFT (WEATHERPROOF AND GROUND FAULT INTERRUPTER) UL LISTED, CORROSION RESISTANT AND COVER NEC 406.8.B.2A COMPLIANT
- * CONTROLLED CIRCUIT WITH TIME CLOCK



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1" in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 ELECTRICAL CABINET SIGNAL LINE DIAGRAM**

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

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	429
				CONTRACT NO. 61H24
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
REVISION	
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DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

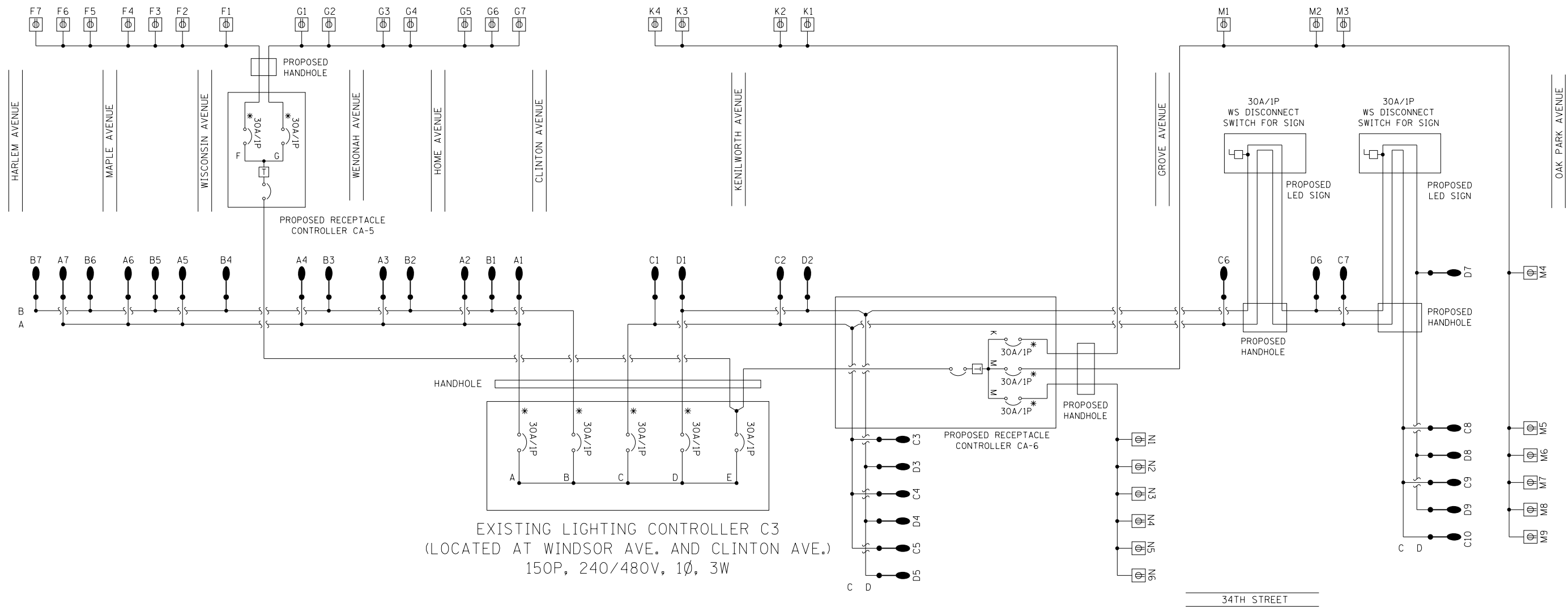
DATE	
BY	
REVISION	
NO.	
DATE	
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REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

MODEL: Model 3
 FILE NAME: M:\BERWYN DEPOT DISTRICT STREETScape (13-180)\DRAWING\Streetscape\CADD Sheets\ED_Lighting\Wiring\01.dgn

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C3 150A, 240/480V 1PH, 3W	A	30A, 240V	1008W
	B	30A, 240V	1008W
	C	30A, 240V	1740W
	D	30A, 240V	1596W
	E	30A, 240V	5940W
SUBTOTAL			11292W
CABINET C3 TOTAL LOAD (480V, 1PH)			23.5 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-5 15A, 240V, 1PH	G	30A, 120V	1260W
	F	30A, 120V	1260W
	SUBTOTAL		2520W
CABINET CA-5 TOTAL LOAD (240V, 1PH)			10.5 AMPS

ELECTRICAL LOAD SCHEDULE			
PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-6 15A, 240V 1PH	K	30A, 120V	720W
	M	30A, 120V	1620W
	N	30A, 120V	1080W
	SUBTOTAL		3420W
CABINET CA-6 TOTAL LOAD (240V, 1PH)			14.25 AMPS



LEGEND

- PROPOSED ROADWAY LIGHT POLE
- PROPOSED VANDAL PROOF RECEPTACLE RECESSED IN POLE SHAFT (WEATHERPROOF AND GROUND FAULT INTERRUPTER) UL LISTED, CORROSION RESISTANT AND COVER NEC 406.8.B.2A COMPLIANT
- * CONTROLLED CIRCUIT WITH TIME CLOCK



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 ELECTRICAL CABINET SIGNAL LINE DIAGRAM**

SCALE: _____ SHEET 3 OF 5 SHEETS STA. _____ TO STA. _____

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	430
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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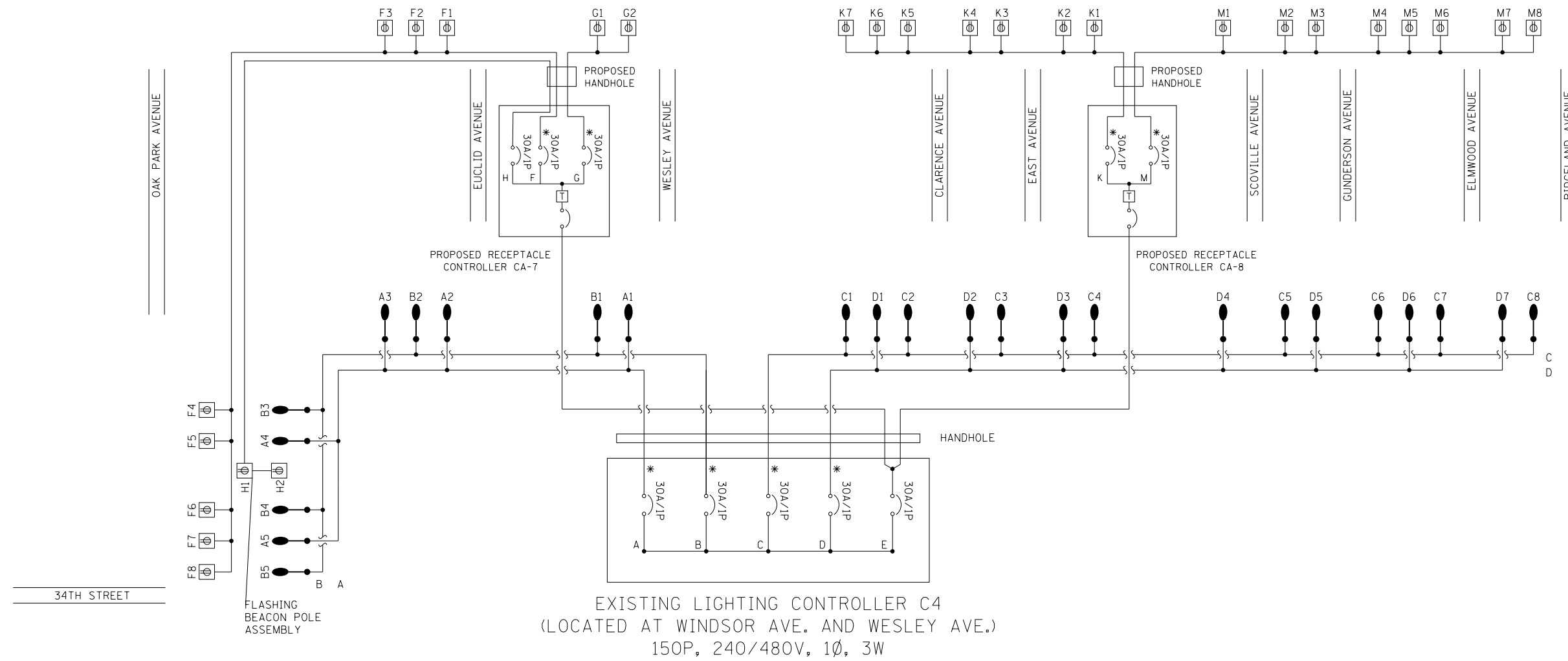
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	BY	

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PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
C4 150A, 240/480V 1PH, 3W	A	30A, 240V	720W
	B	30A, 240V	1020W
	C	30A, 240V	1152W
	D	30A, 240V	1008W
	E	30A, 240V	4500W
SUBTOTAL			8400W
CABINET C4 TOTAL LOAD (480V, 1PH)			17.5 AMPS

PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-7 15A, 240V, 1PH	H	30A, 120V	400W
	G	30A, 120V	360W
	F	30A, 120V	1440W
	SUBTOTAL		
CABINET CA-7 TOTAL LOAD (240V, 1PH)			9 AMPS

PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	LOAD
CA-8 15A, 240V, 1PH	M	30A, 120V	1260W
	K	30A, 120V	1440W
	SUBTOTAL		
CABINET CA-8 TOTAL LOAD (240V, 1PH)			11.25 AMPS



LEGEND

- PROPOSED ROADWAY LIGHT POLE
- Ⓢ (WP) PROPOSED VANDAL PROOF RECEPTACLE RECESSED IN POLE SHAFT (WEATHERPROOF AND GROUND FAULT INTERRUPTER) UL LISTED, CORROSION RESISTANT AND COVER NEC 406.8.B.2A COMPLIANT
- * CONTROLLED CIRCUIT WITH TIME CLOCK



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
 ELECTRICAL CABINET SIGNAL LINE DIAGRAM**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	431
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

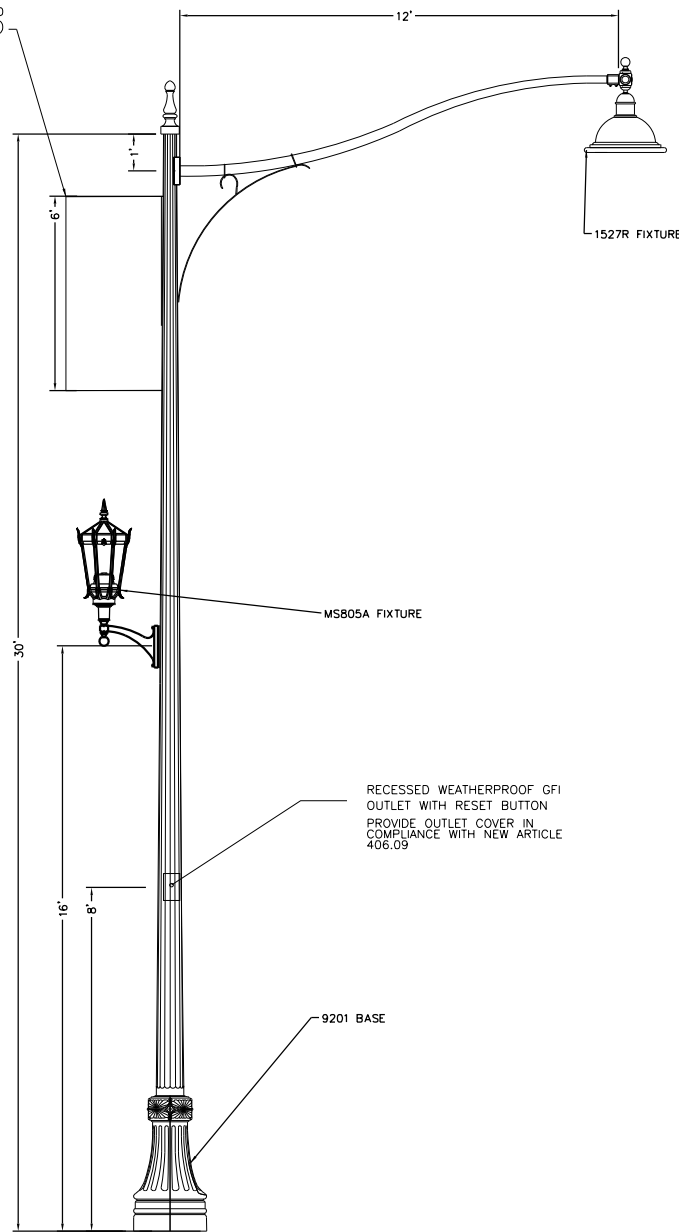
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	NOTE BOOK NO.	
	CADD FILE NAME	

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	PLOTTED	
	GRADES CHECKED	
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	CADD FILE NAME	

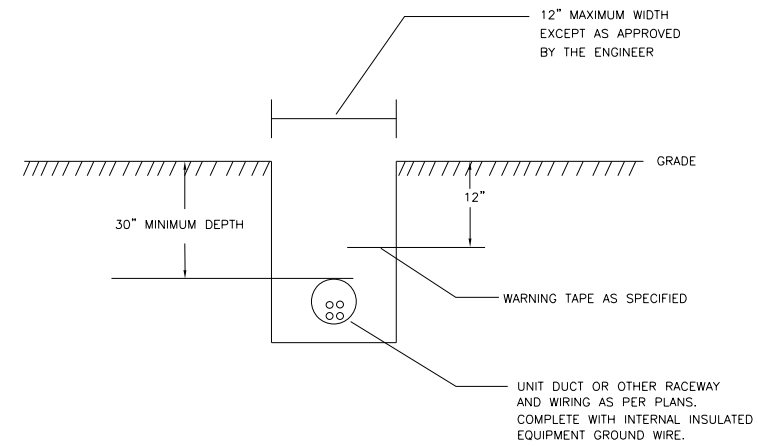
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REFER TO LIGHTING UNIT SCHEDULE FOR DIFFERENT MAST ARM LENGTH ON OAK PARK AVE. THE MAST ARM WILL BE 8FT

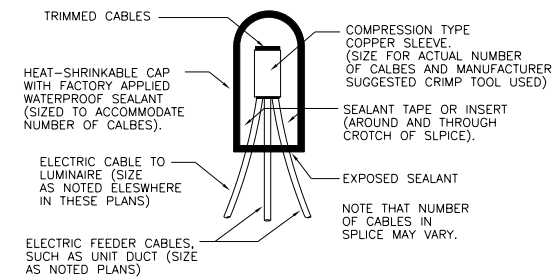
NOTE: BANNER ARMS TO BE STORED FOR FUTURE INSTALLATION (TYP.)



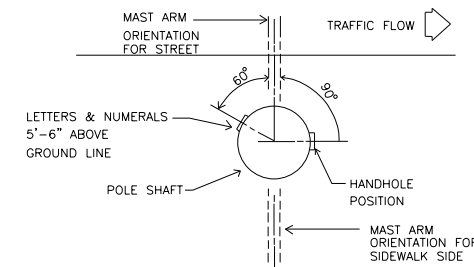
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N.T.S.



2 TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



3 SPLICING ELECTRIC CABLES DETAIL
N.T.S.



4 HANDHOLE AND POLE TAG ORIENTATION
N.T.S.



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
LIGHTING DETAILS

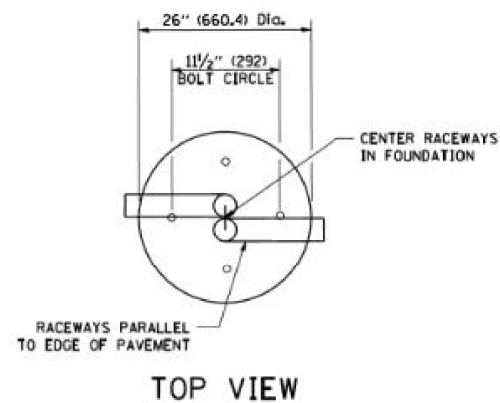
SCALE: _____ SHEET 1 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	433
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
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	FILE NAME
	CADD FILE NAME

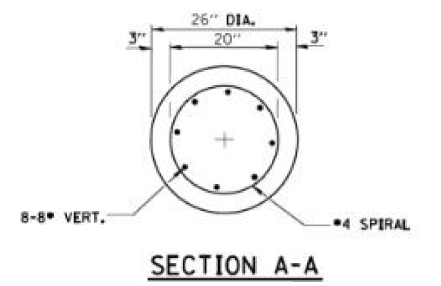
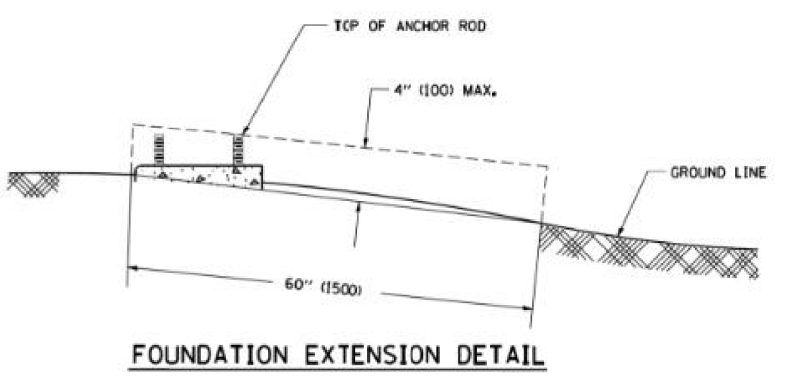
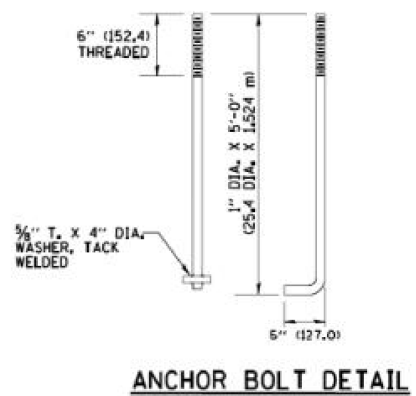
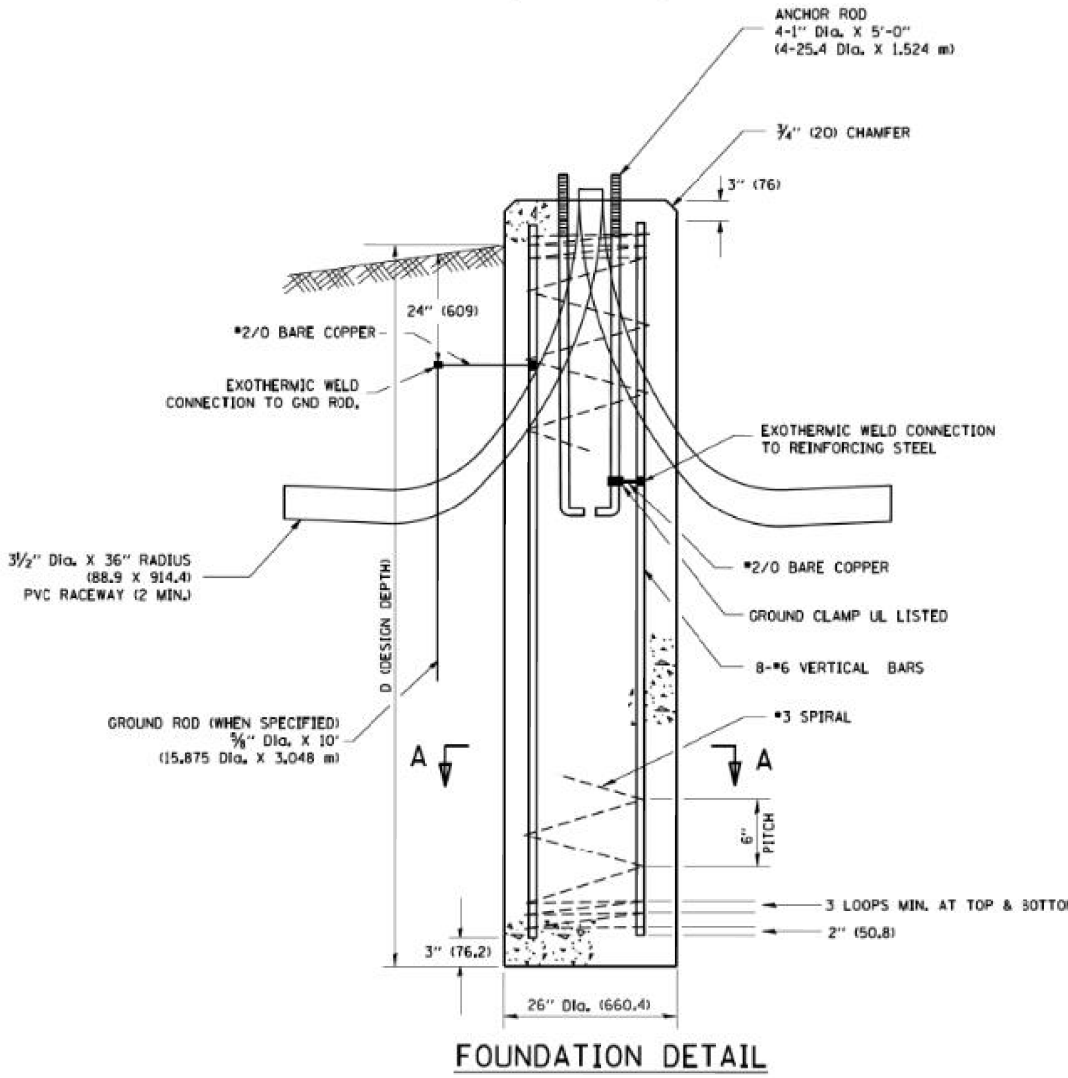
LIGHT POLE FOUNDATION DEPTH TABLE
 ≤ 35' (10.668 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY O _u = 0.375 TON/SQ. FT.	11'-0" (3,35 m)	12'-8" (3,85 m)
MEDIUM CLAY O _u = 0.75 TON/SQ.FT	9'-0" (2,74 m)	14'-10" (4,52 m)
STIFF CLAY O _u = 1.50 TON/SQ. FT.	7'-6" (2,29 m)	8'-7" (2,61 m)
LOOSE SAND φ = 34°	9'-6" (2,90 m)	10'-7" (3,22 m)
MEDIUM SAND φ = 37,5°	9'-0" (2,74 m)	9'-10" (2,99 m)
DENSE SAND φ = 40°	8'-3" (2,51 m)	9'-7" (2,91 m)



NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1,5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION, IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE. THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SL. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMIG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69,9 mm) ABOVE THE TOP OF THE FOUNDATION, IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152,4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304,8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25,4 mm) ABOVE THE TOP OF THE FOUNDATION.



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

MODEL: Detail
 FILE NAME: BERWYN DEPOT DISTRICT STREETScape (13-180)DRAWINGStreetscapeCADD Sheets001_LightingDetail02.dgn



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
 LIGHTING DETAILS

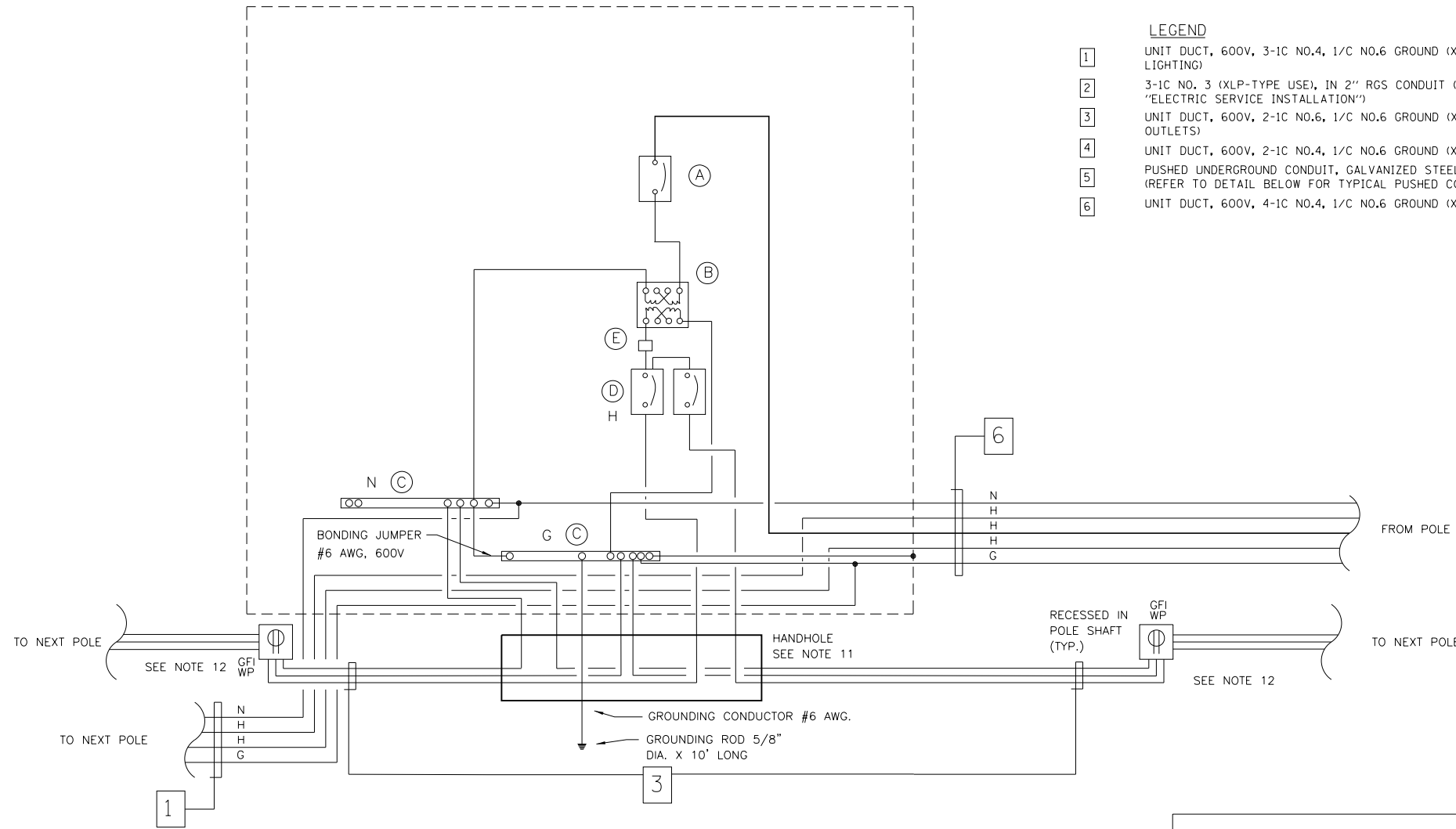
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F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	434
				CONTRACT NO. 61H24
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	REVISED	
	NO.	
	BY	

MODEL: Default
FILE NAME: M:\BERWYN DEPOT DISTRICT STREETScape (13-180)DRAWING\Streetscape\CADD Sheets\IBD_Lighting\Detail03.dgn



- LEGEND**
- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
 - 2 3-1C NO. 3 (XLP-TYPE USE), IN 2" RGS CONDUIT (INCLUDED IN COST OF "ELECTRIC SERVICE INSTALLATION")
 - 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
 - 4 UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE
 - 5 PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
 - 6 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)

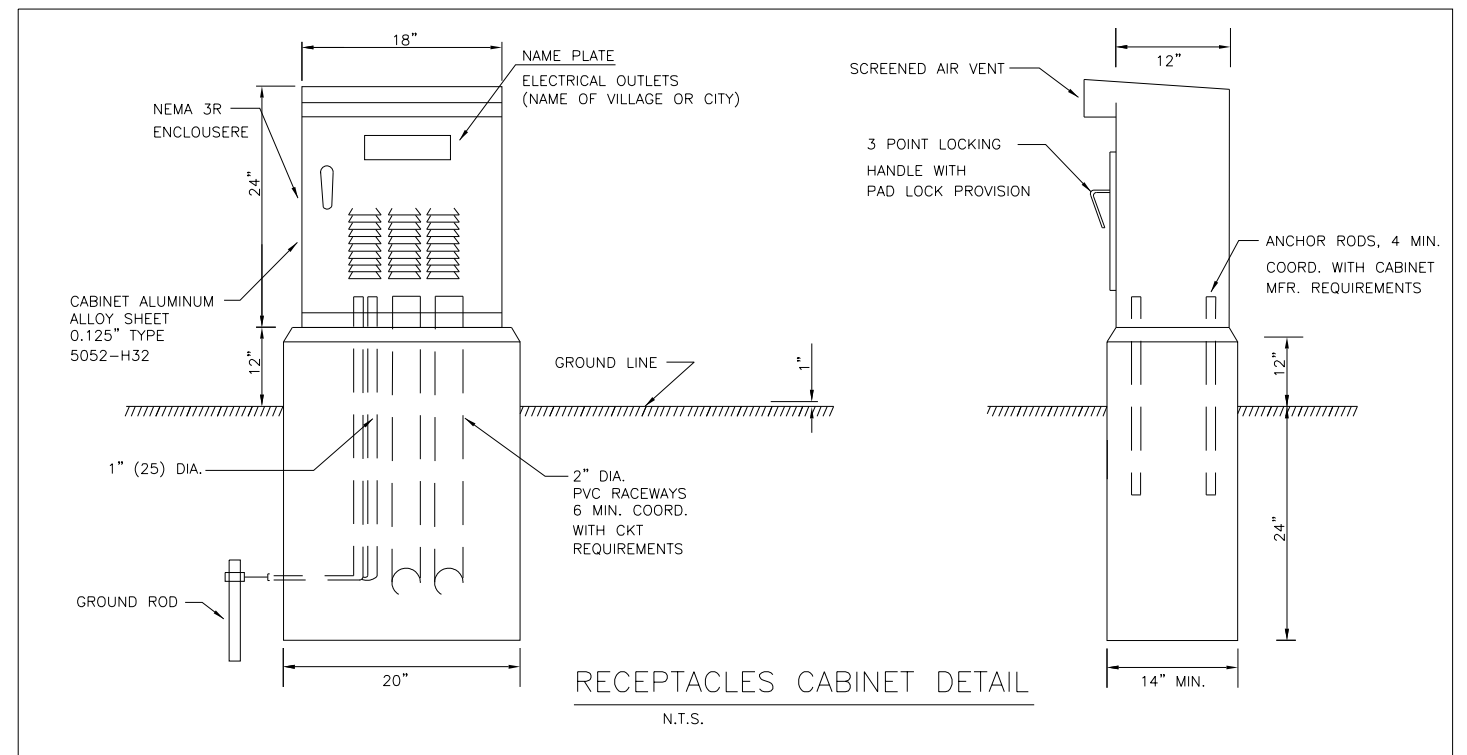
- NOTES:**
1. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
 2. THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
 3. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED
R = RED BL = BLUE W = WHITE FOR NEUTRAL
B = BLACK Y = YELLOW G = GREEN FOR GROUND
 4. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
 5. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
 6. FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
 7. DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
 8. DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
 9. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
 10. CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
 11. ALL CONNECTIONS SHALL BE ABOVE GROUND (NO UNDERGROUND SPLICING)
 12. REFER TO LIGHTING PLANS FOR EXACT LOCATION OF LIGHTING POLES (AND RECEPTACLES)

WIRING DIAGRAM FOR PROPOSED RECEPTACLE CONTROLLER CA(1,2,3,4,5,7,8)

N.T.S.
REFER TO CIVIL PLAN FOR EXACT LOCATION OF CABINET, HANDHOLE, AND RECEPTACLE.
FINAL LOCATION TO BE COORDINATED WITH CIVIL ENGINEER.

ITEM	QUANTITY	MAIN CIRCUIT, 1 POLE, 240 VOLT
A	1	MAIN CIRCUIT, 1 POLE, 240 VOLT 15 AMP, FRAME. 15 AMP NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
B	1	4.0 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240-120/240 VOLT, 60 HZ. TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
C	2	COPPER GROUND BUS 1/4" X 1" X 6" LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS
D	2	BRANCH CIRCUIT, 1 POLE, 120 VOLT 30 AMP, FRAME. 30 AMP NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 120 VOLT.
E	1	24/7 DIGITAL TIME CLOCK WITH OVERRIDE SWITCH

- LEGEND**
- Proposed handhole
 - Proposed vandal proof receptacle (Weatherproof and Ground Fault Interrupter) UL listed, corrosion resistant and cover NEC 406.8.B.2a compliant recessed in pole shaft.
 - Ground Rod



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
LIGHTING DETAILS**

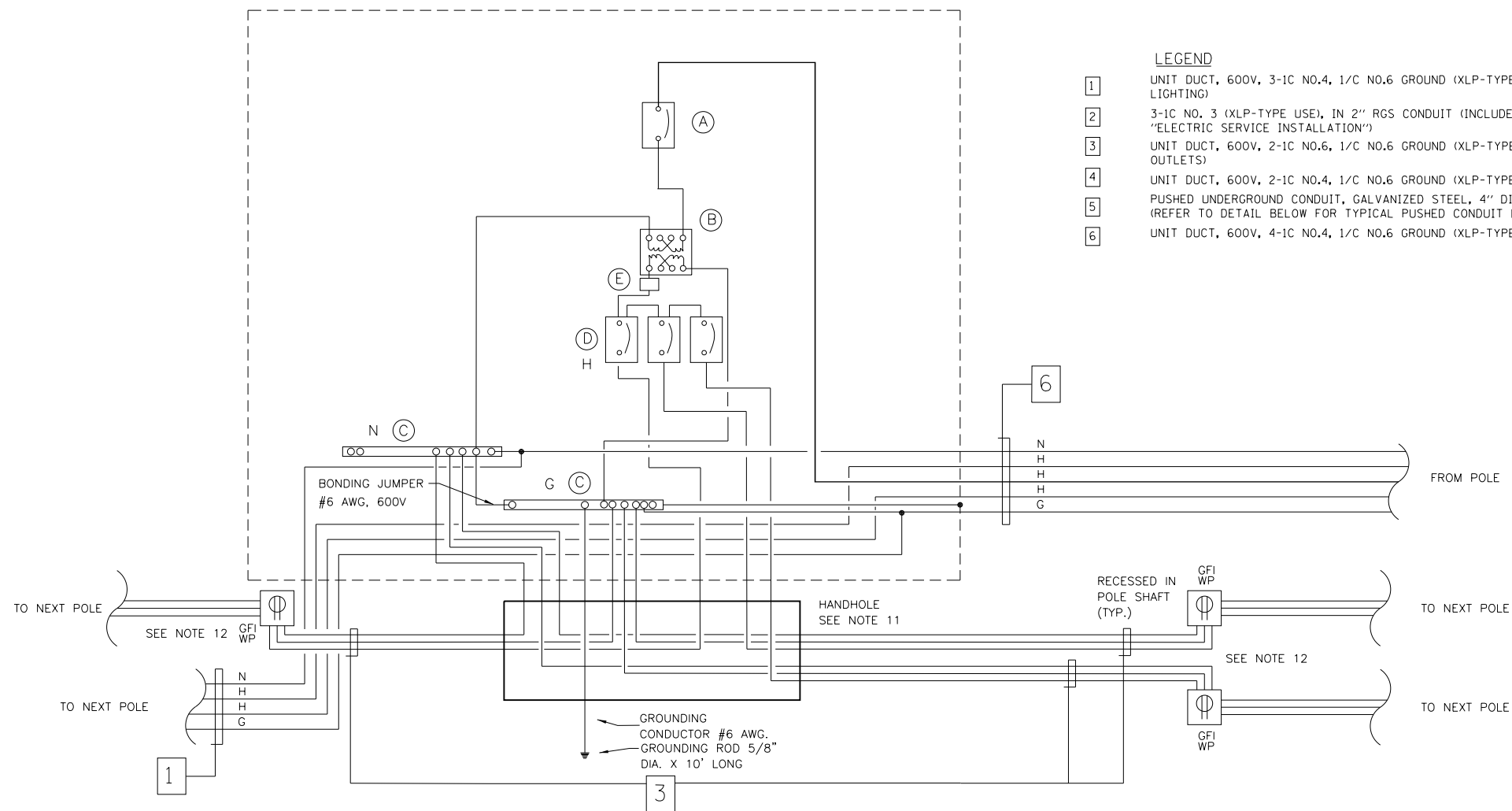
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
ALIGNED	
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DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NO.	
FILE NAME	

MODEL: Default
FILE NAME: M:\BERWYN DEPOT DISTRICT STREETScape (13-180)DRAWING\Streetscape\CADD Sheets\IBD_Lighting\Detail\ibdt.dgn



LEGEND

- 1 UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)
- 2 3-1C NO. 3 (XLP-TYPE USE), IN 2" RGS CONDUIT (INCLUDED IN COST OF "ELECTRIC SERVICE INSTALLATION")
- 3 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR OUTLETS)
- 4 UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE
- 5 PUSHED UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (REFER TO DETAIL BELOW FOR TYPICAL PUSHED CONDUIT DIAGRAM.)
- 6 UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE (FOR LIGHTING)

NOTES:

- 1. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- 2. THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- 3. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED
R = RED BL = BLUE W = WHITE FOR NEUTRAL
B = BLACK Y = YELLOW G = GREEN FOR GROUND
- 4. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
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- 7. DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- 8. DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- 9. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- 10. CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- 11. ALL CONNECTIONS SHALL BE ABOVE GROUND (NO UNDERGROUND SPLICING)
- 12. REFER TO LIGHTING PLANS FOR EXACT LOCATION OF LIGHTING POLES (AND RECEPTACLES)

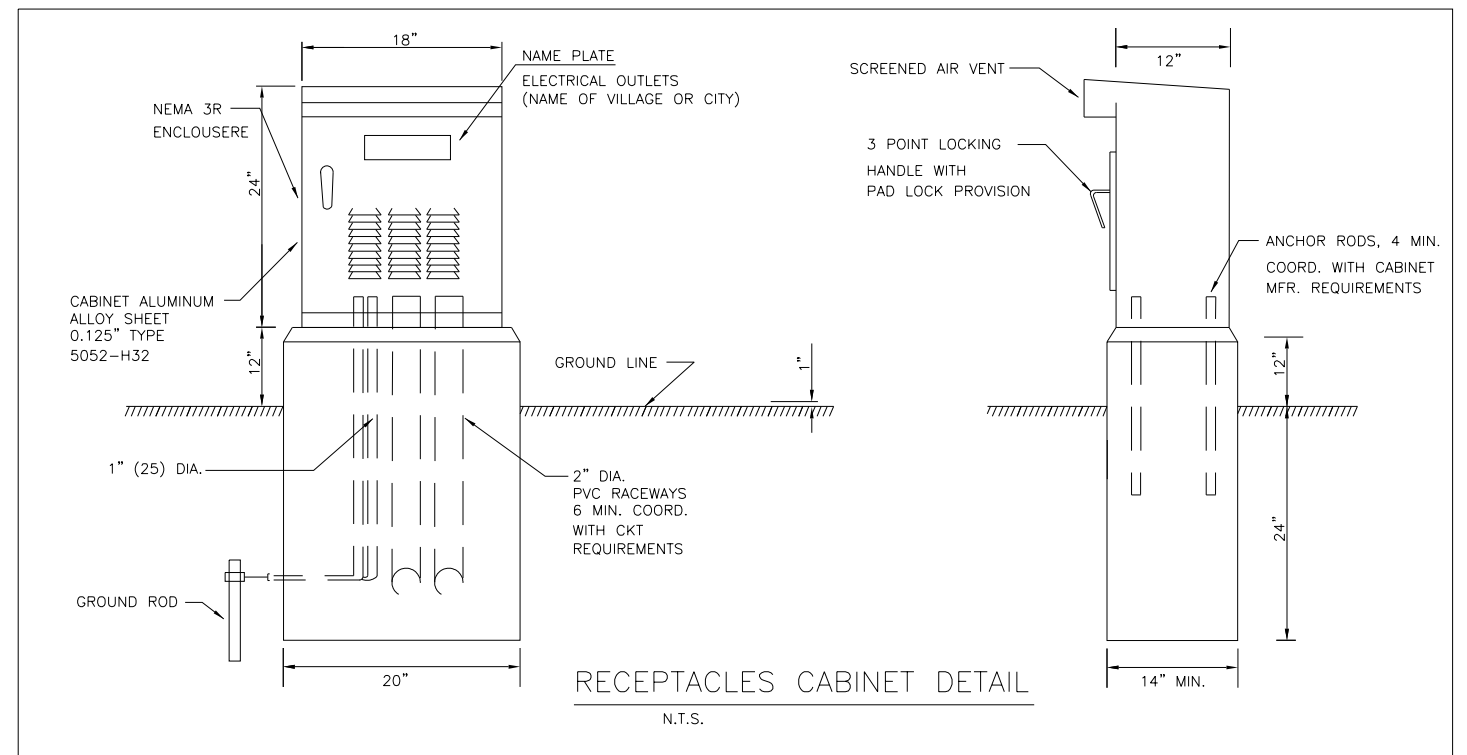
WIRING DIAGRAM FOR PROPOSED RECEPTACLE CONTROLLER CA(6)

N.T.S.
REFER TO CIVIL PLAN FOR EXACT LOCATION OF CABINET, HANDHOLE, AND RECEPTACLE.
FINAL LOCATION TO BE COORDINATED WITH CIVIL ENGINEER.

ITEM	QUANTITY	MAIN CIRCUIT, 1 POLE, 240 VOLT
A	1	MAIN CIRCUIT, 1 POLE, 240 VOLT 15 AMP FRAME, 15 AMP NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
B	1	4.0 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240-120/240 VOLT, 60 HZ. TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT.
C	2	COPPER GROUND BUS 1/4" X 1" X 6" LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS
D	2	BRANCH CIRCUIT, 1 POLE, 120 VOLT 30 AMP FRAME, 30 AMP NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 120 VOLT.
E	1	24/7 DIGITAL TIME CLOCK WITH OVERRIDE SWITCH

LEGEND

- Proposed handhole
- Proposed vandal proof receptacle (Weatherproof and Ground Fault Interrupter) UL listed, corrosion resistant and cover NEC 406.8.B.2a compliant recessed in pole shaft.
- Ground Rod



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/6/2021	CHECKED - EE	REVISED -
	DATE -	REVISED -

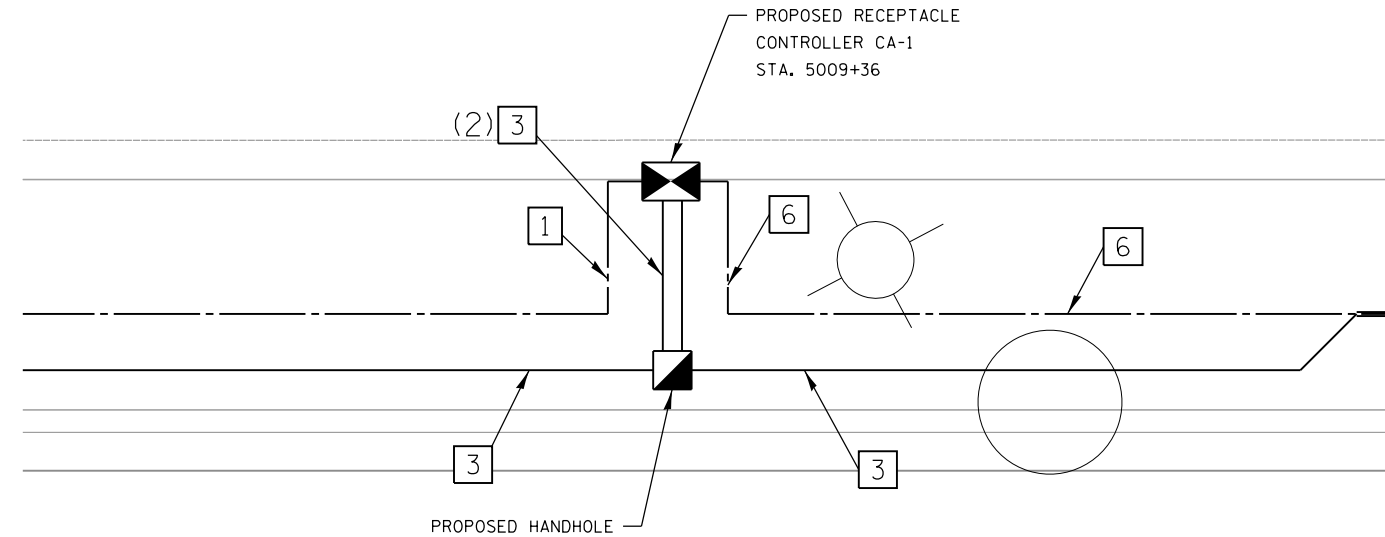
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
LIGHTING DETAILS**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

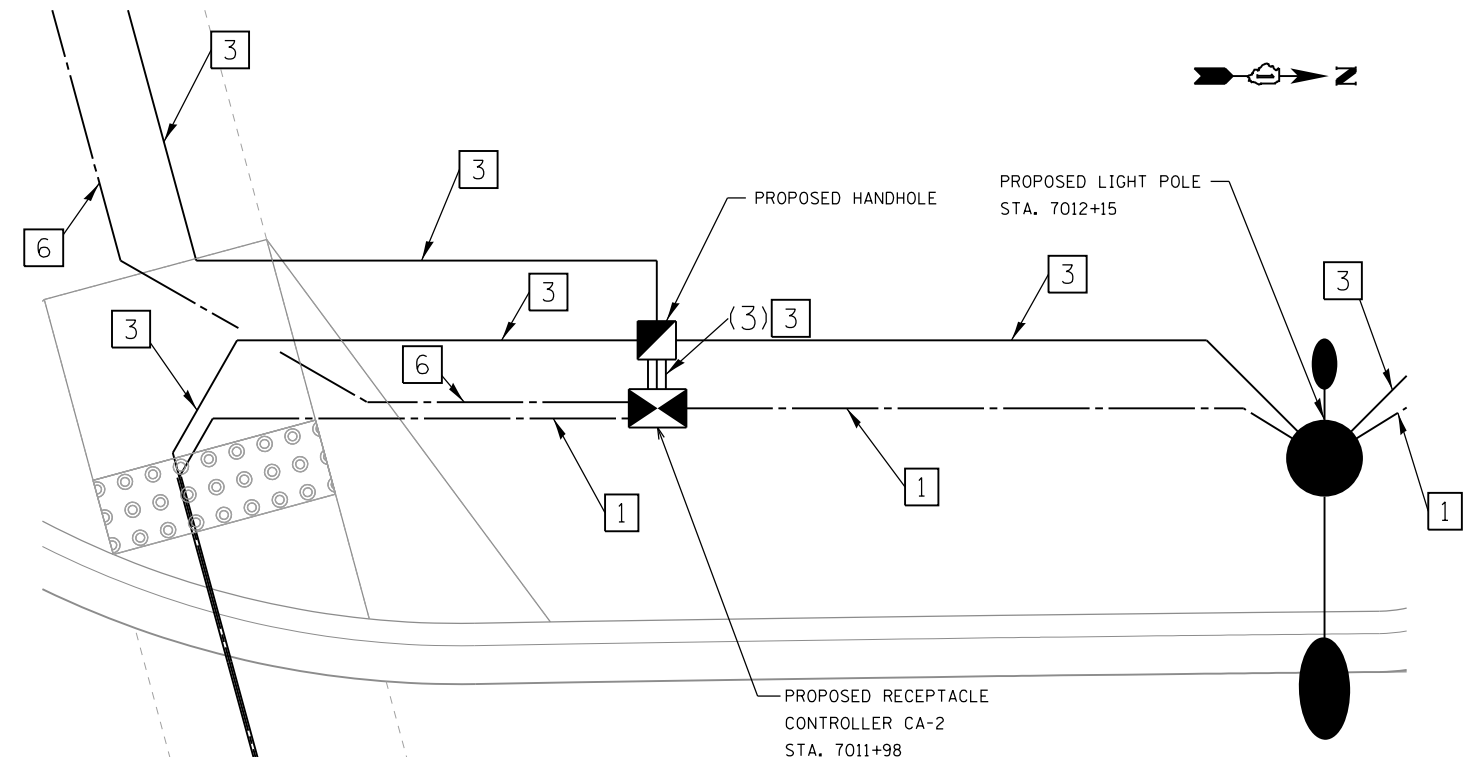
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	13-00170-00-RS	COOK	553	436
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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STANLEY AVE.

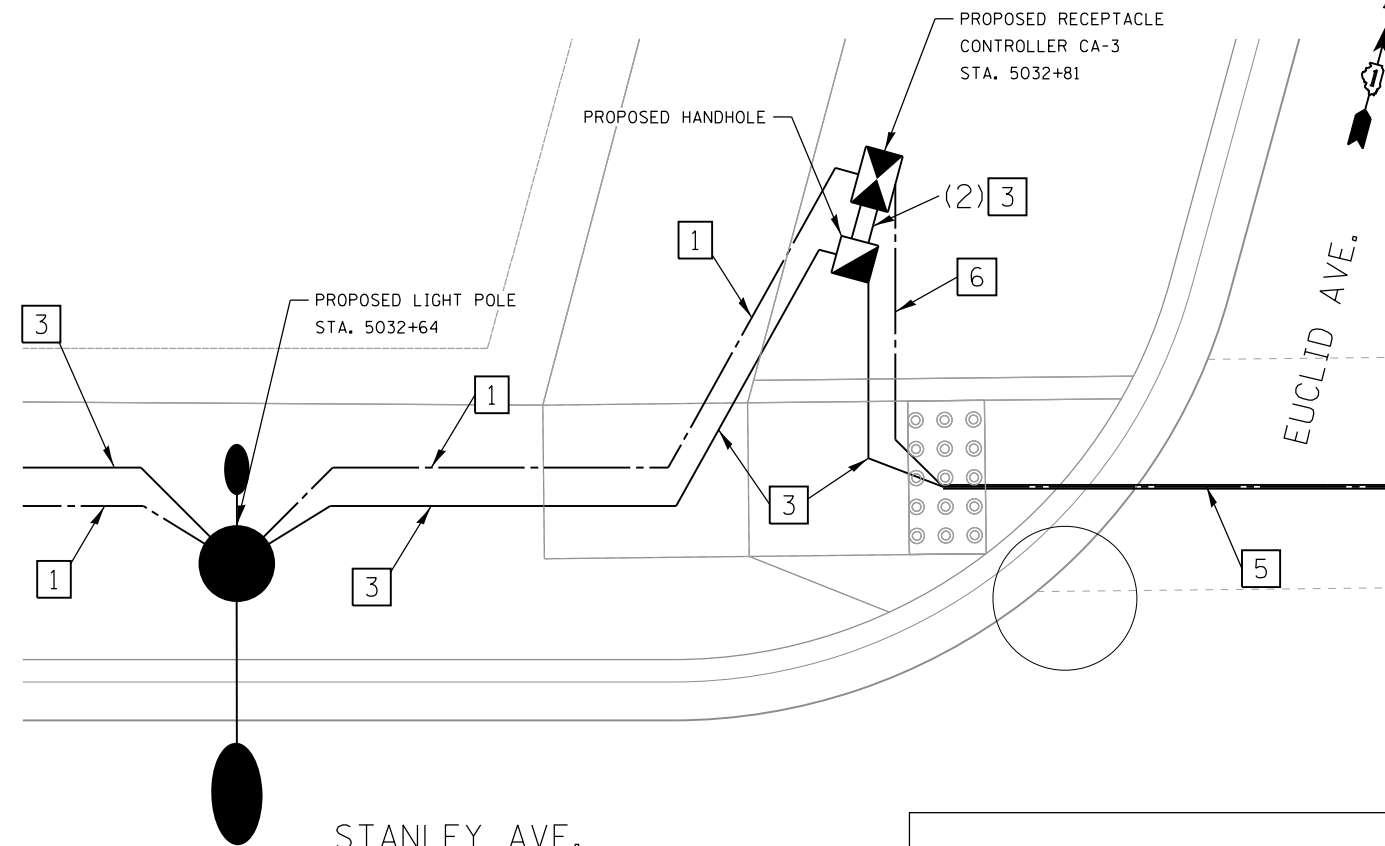
ENLARGED PLAN FOR CA-1



GROVE AVE.

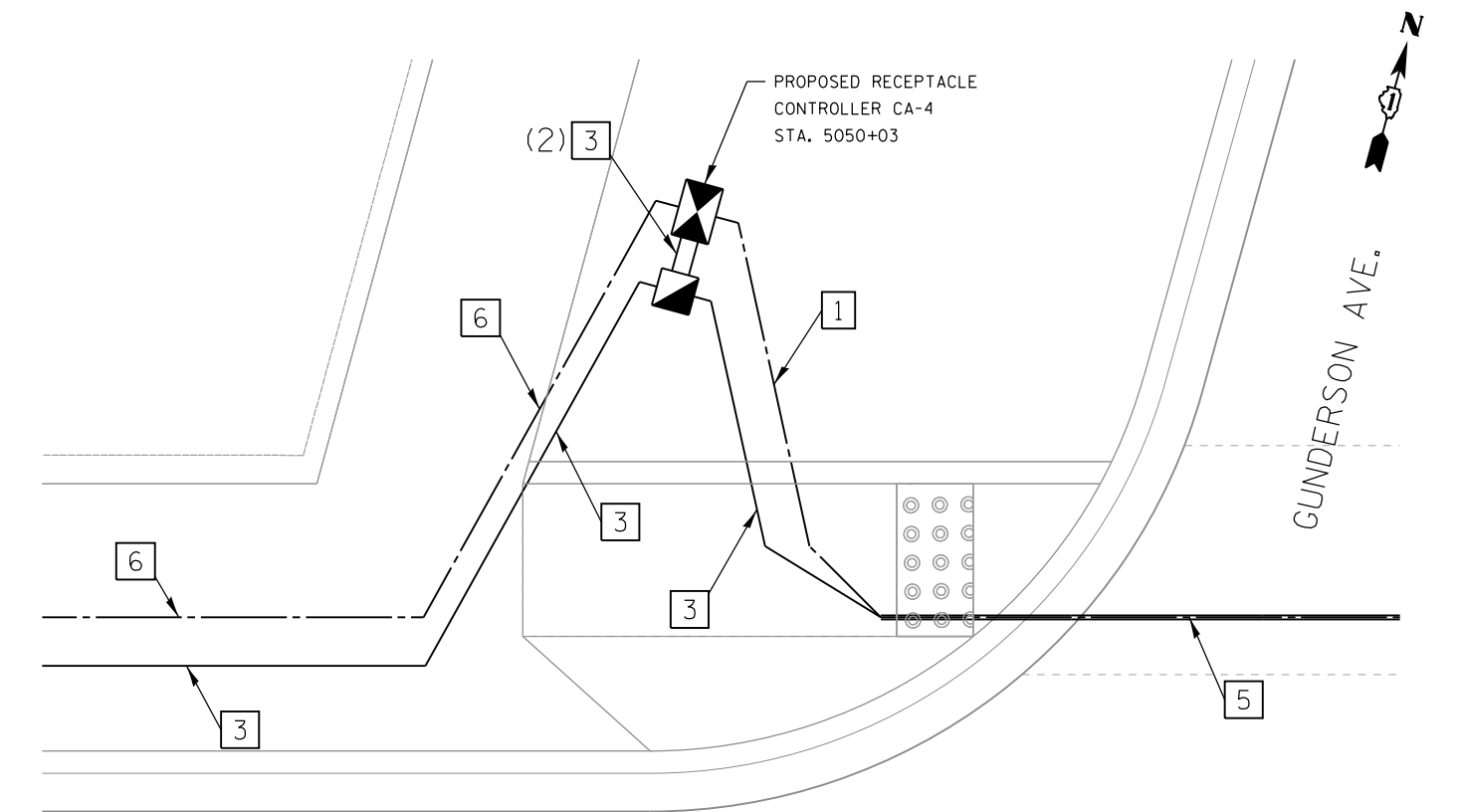
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



STANLEY AVE.

ENLARGED PLAN FOR CA-3



STANLEY AVE.

ENLARGED PLAN FOR CA-4

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	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED - EE	REVISED -
PLOT DATE = 11/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE RECEPTACLE DETAIL

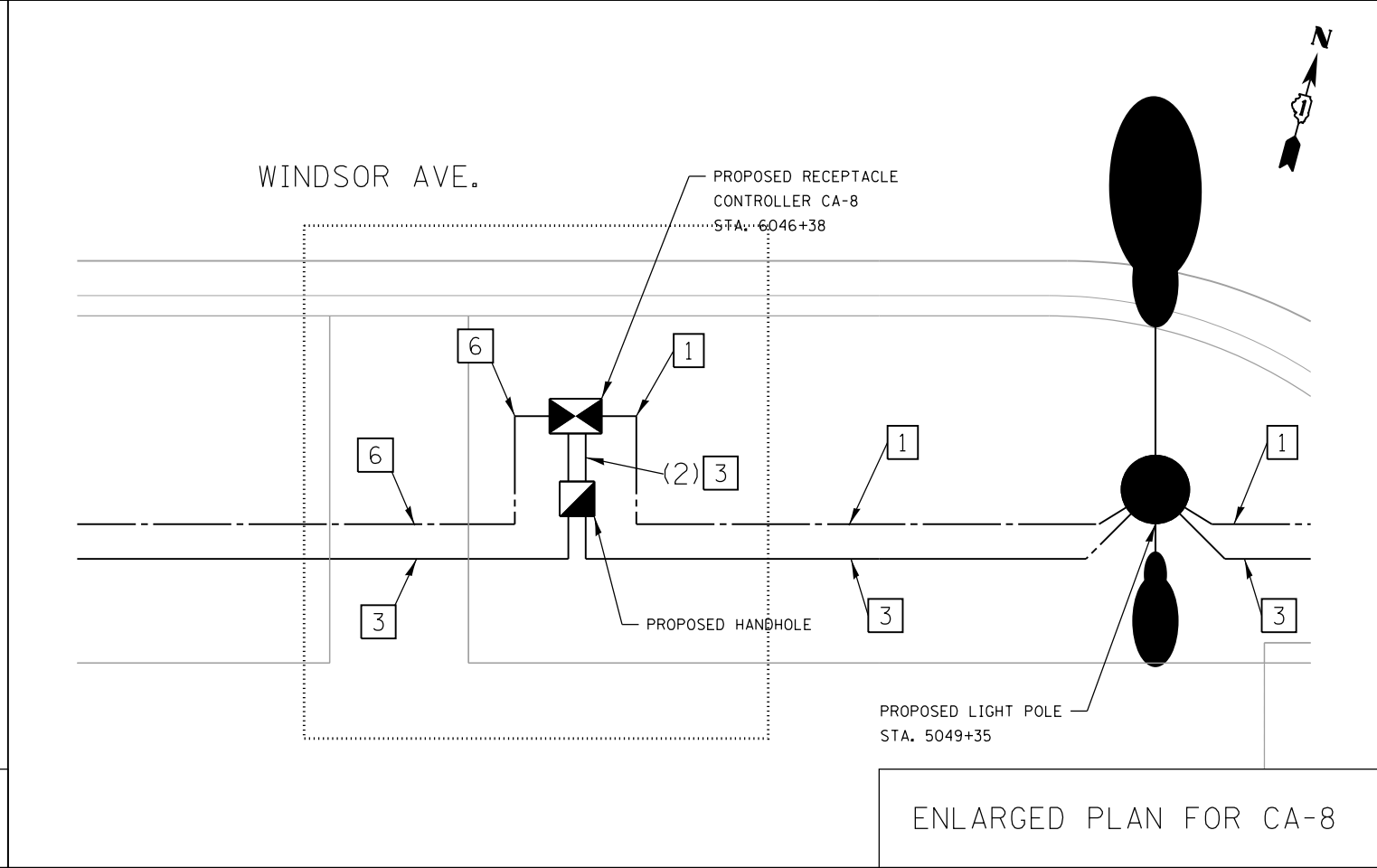
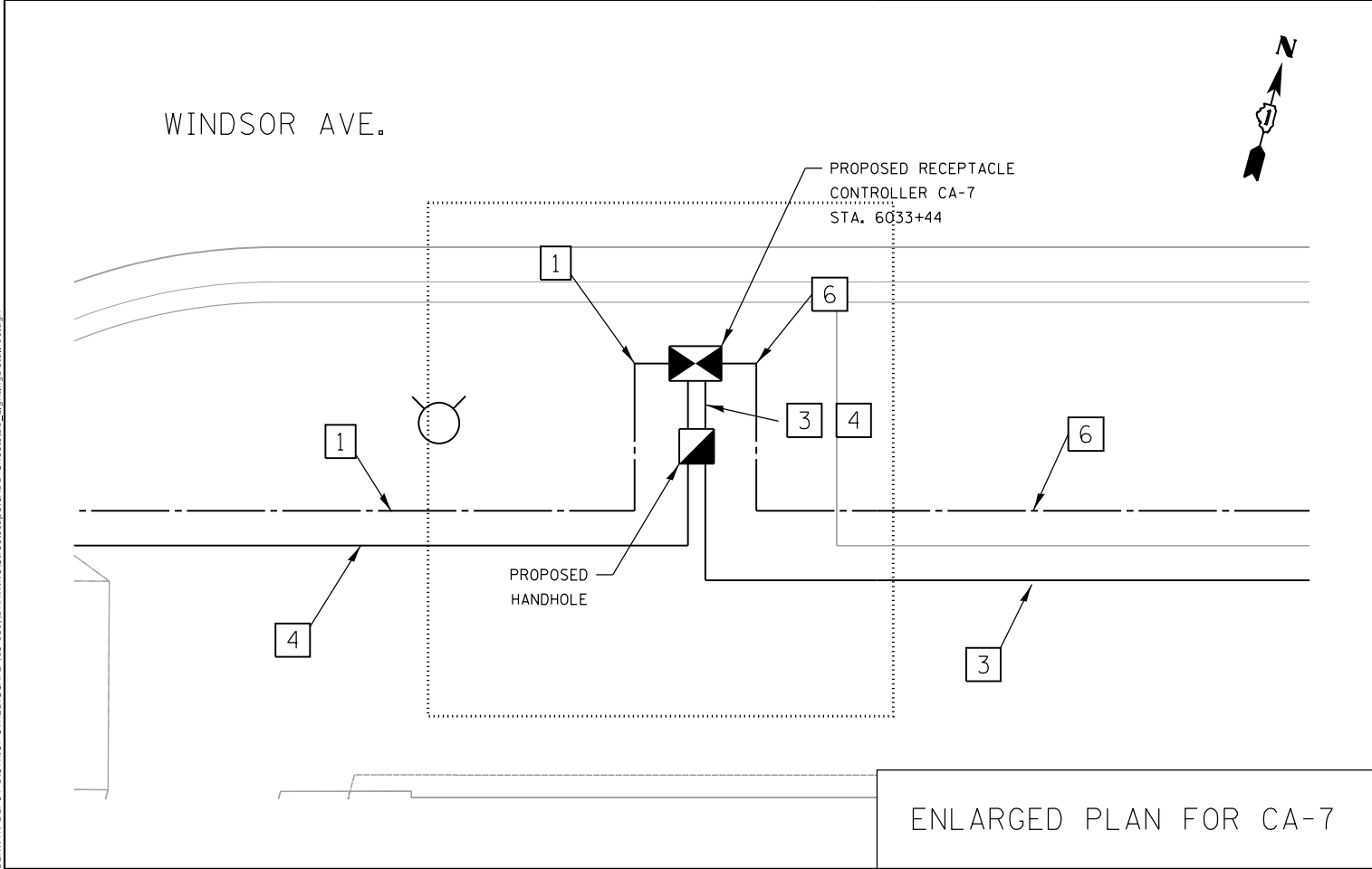
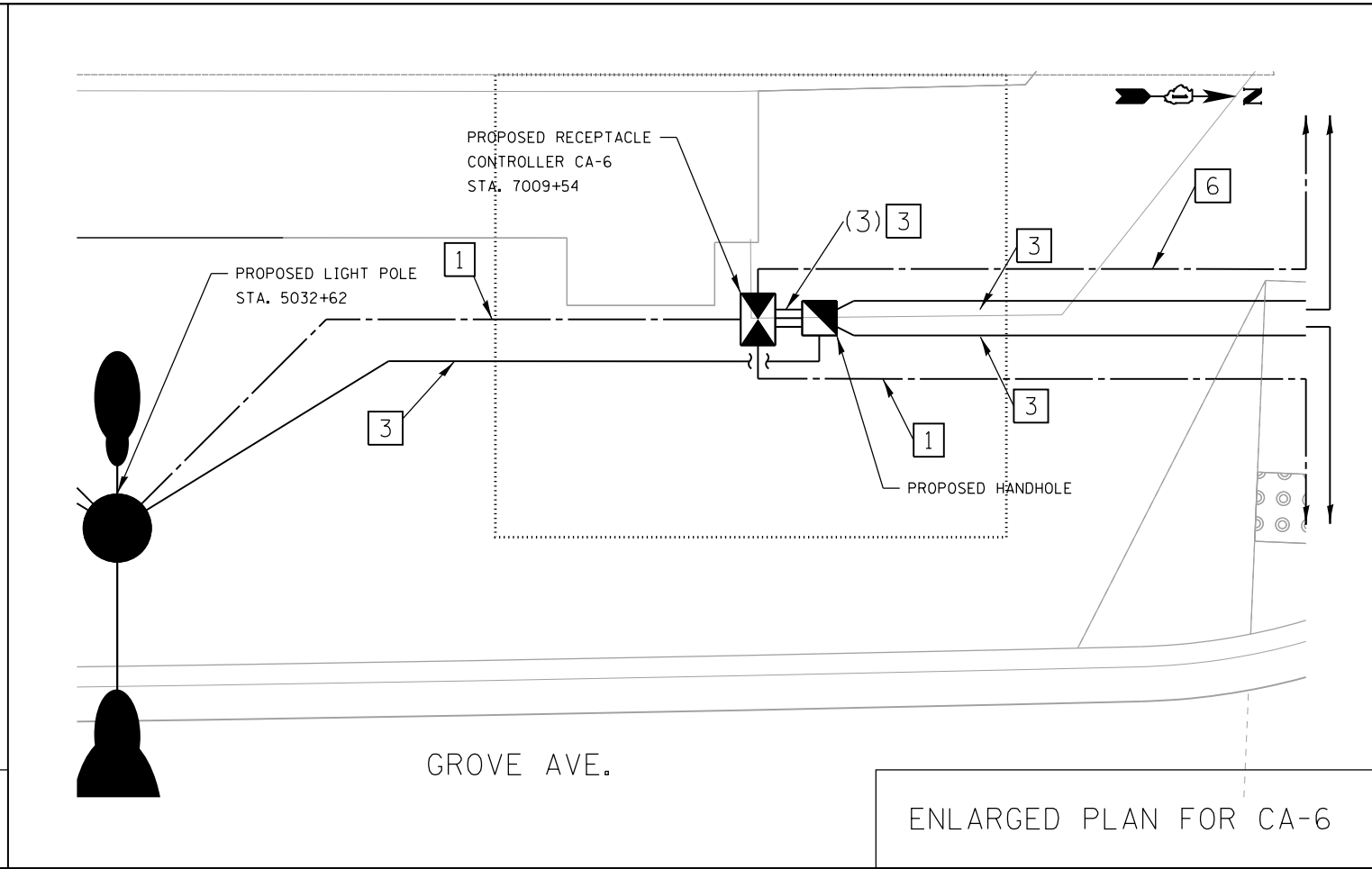
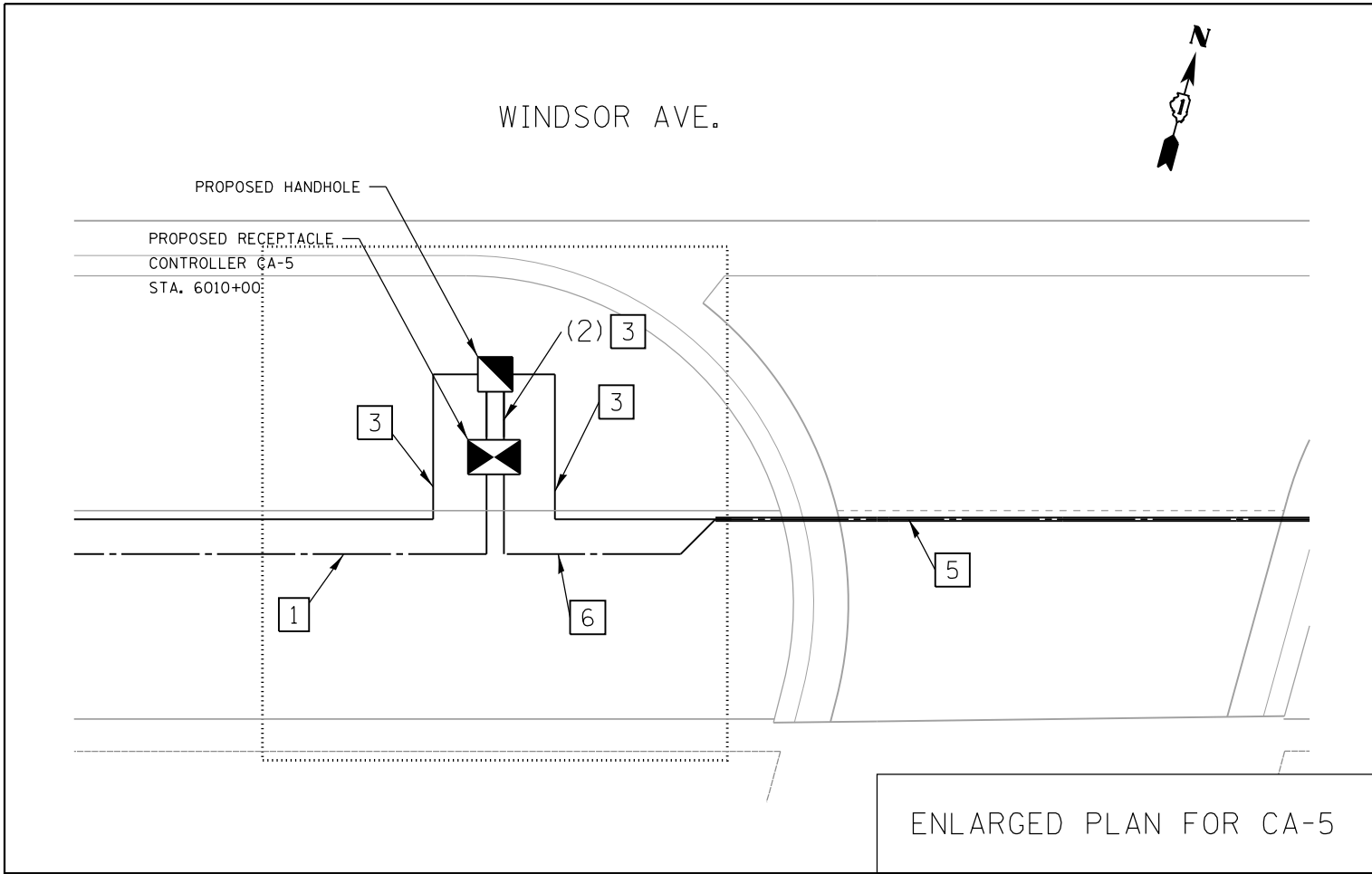
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	437
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
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	NOTE BOOK	
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PROFILE	SURVEYED	DATE
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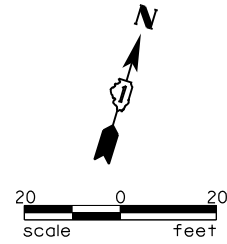
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	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED - EE	REVISED -
PLOT DATE = 11/6/2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION




BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE RECEPTACLE DETAIL

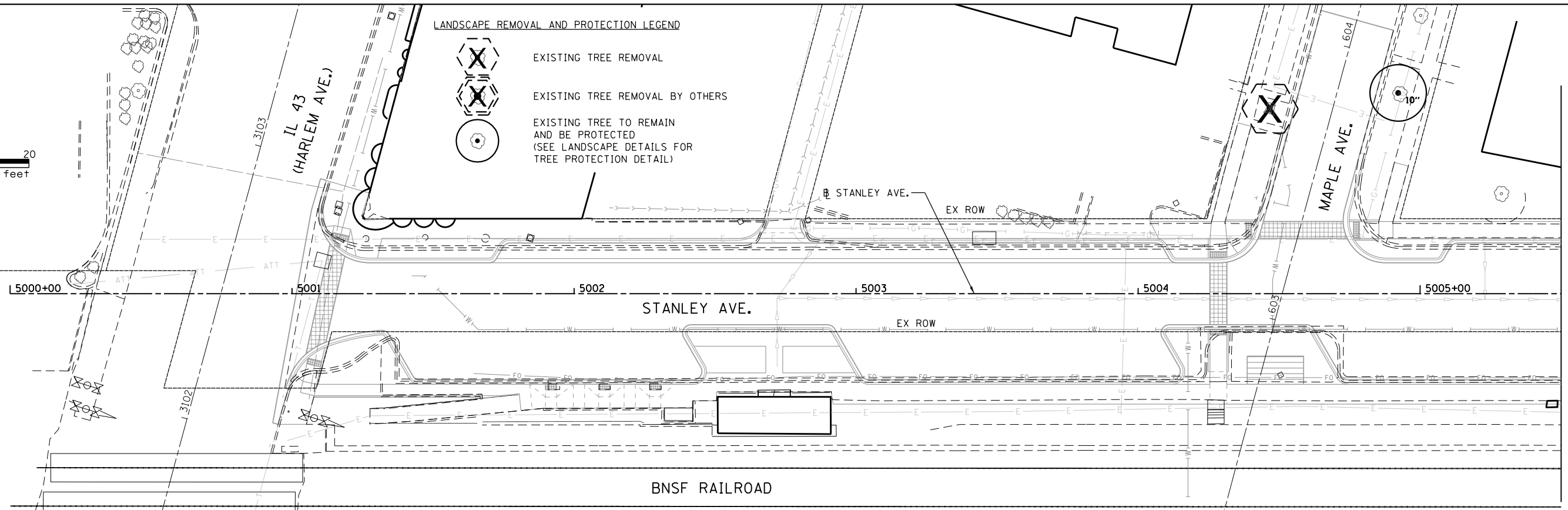
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

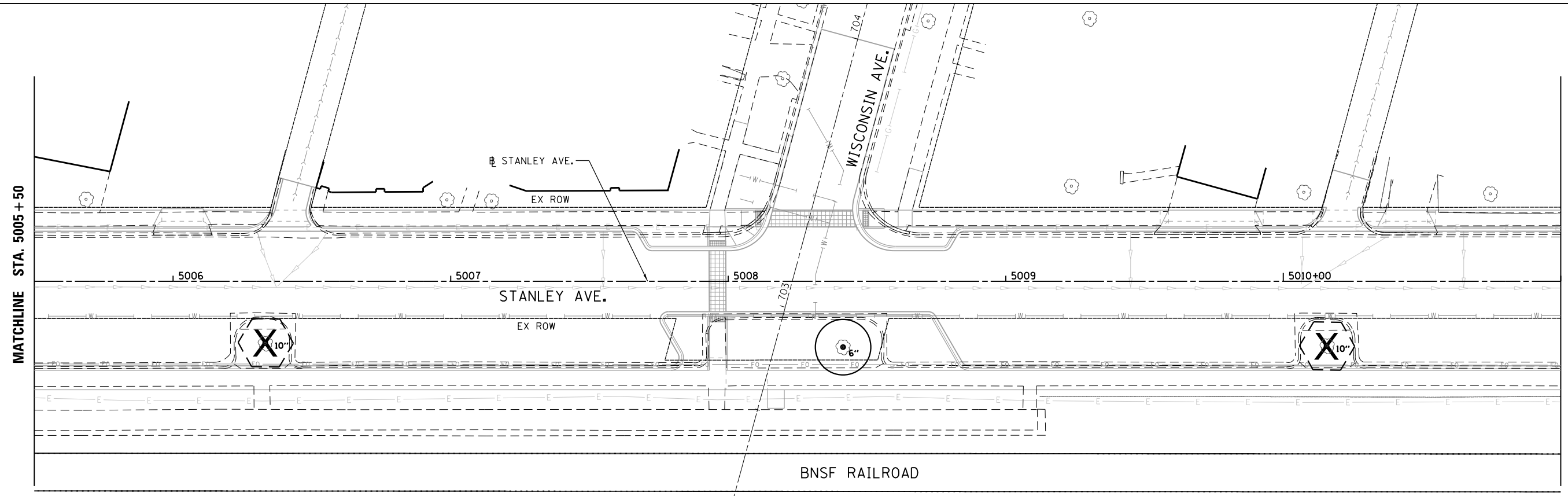


LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



MATCHLINE STA. 5005 + 50



MATCHLINE STA. 5005 + 50

MATCHLINE STA. 5011 + 00

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	DATE -	REVISED -

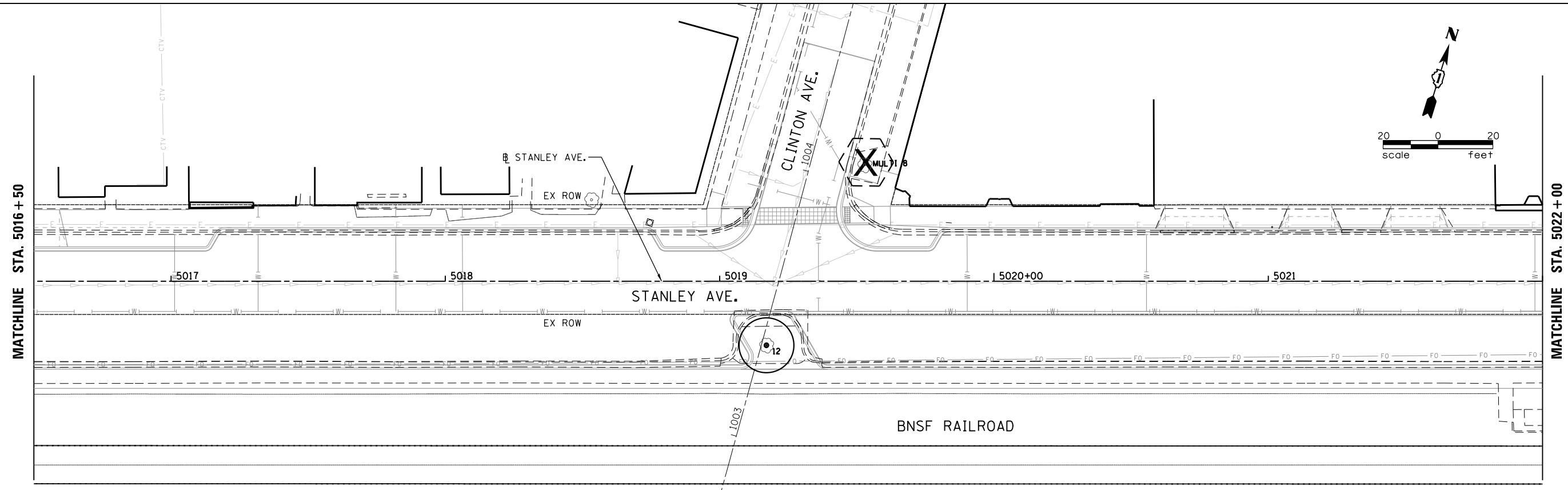
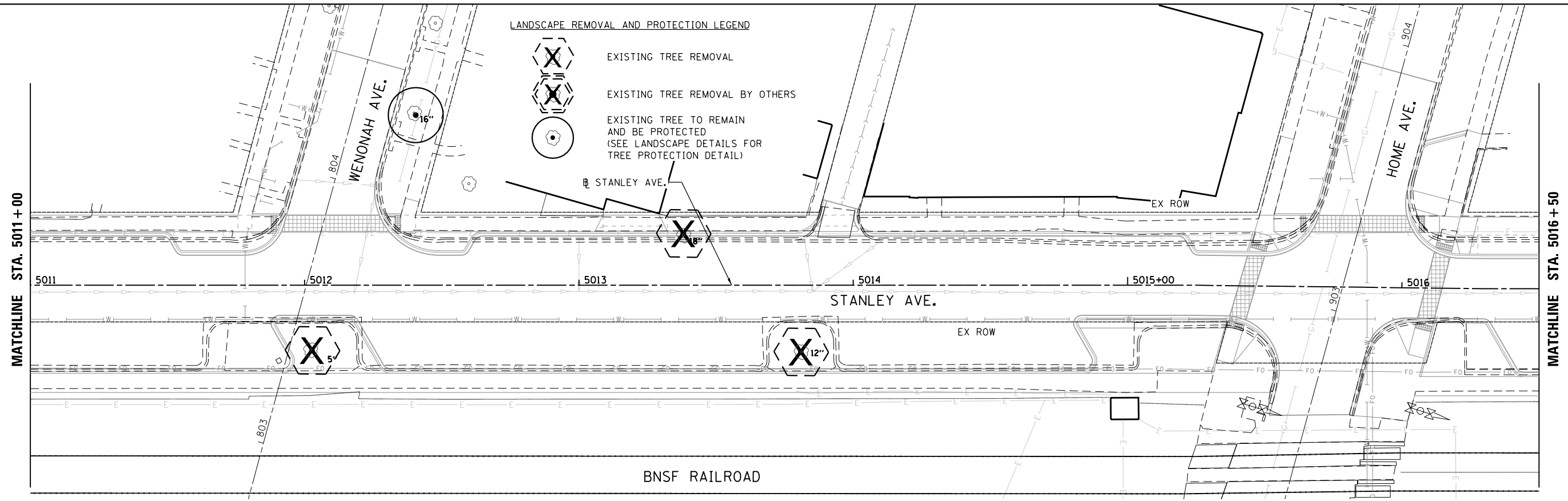
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	439
CONTRACT NO.61H24				

ILLINOIS FED. AID PROJECT



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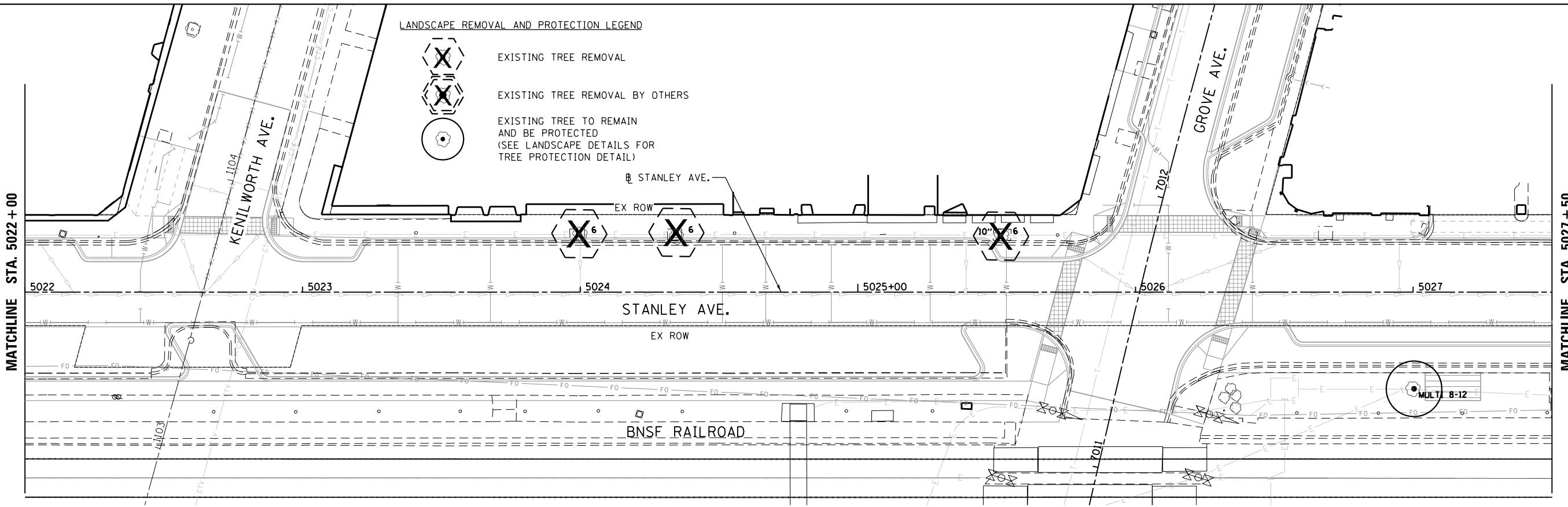
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PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN**

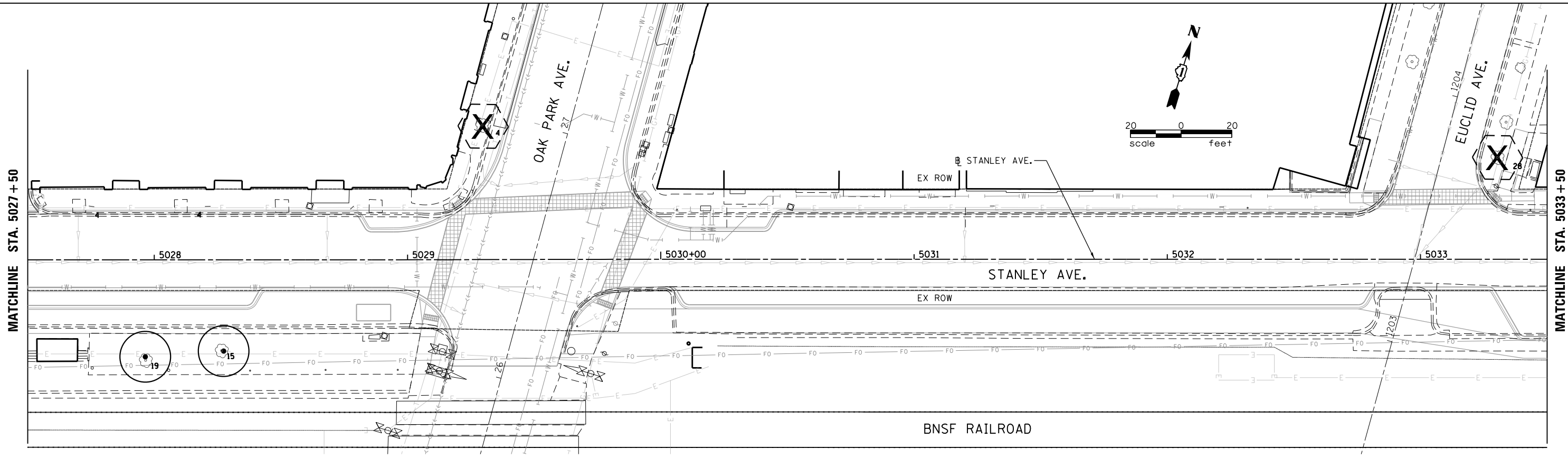
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1035	13-00170-00-RS	COOK	553	440
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.



LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_ST_LANDSCP_REM_03.dgn



USER NAME = JuanS	DESIGNED -	REVISED -
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	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

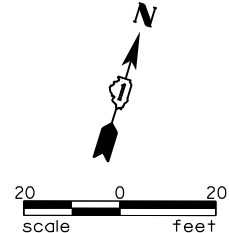
**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

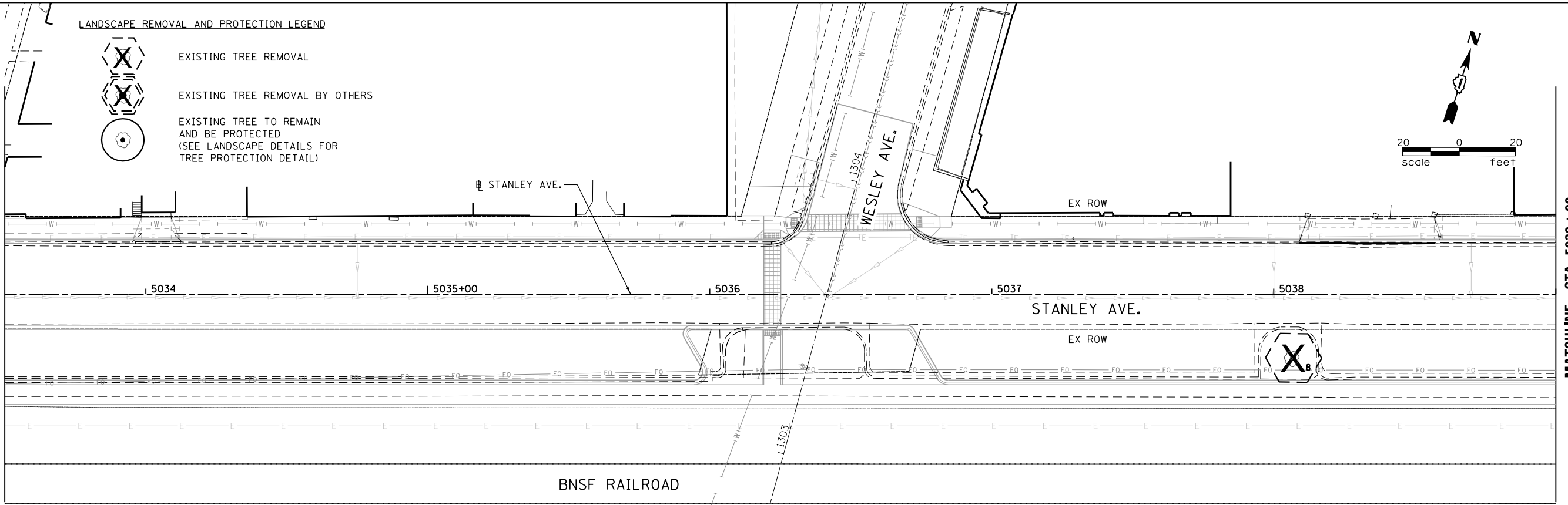
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	441
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)

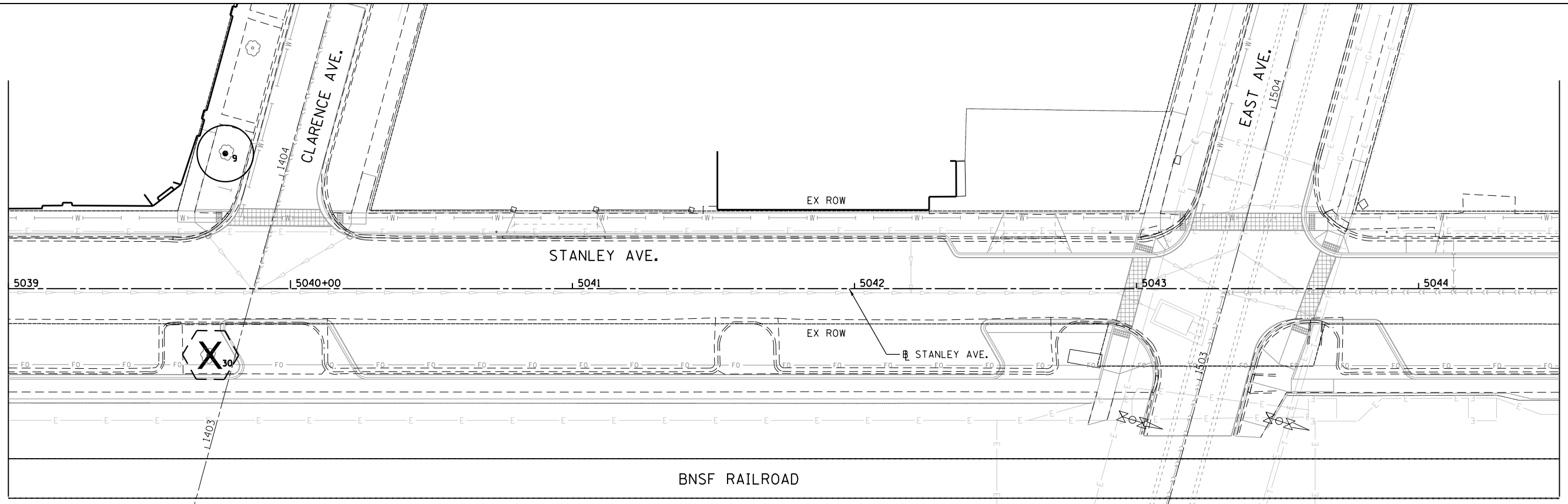


MATCHLINE STA. 5033 + 50



MATCHLINE STA. 5039 + 00

MATCHLINE STA. 5039 + 00



MATCHLINE STA. 5044 + 50

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USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	442
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

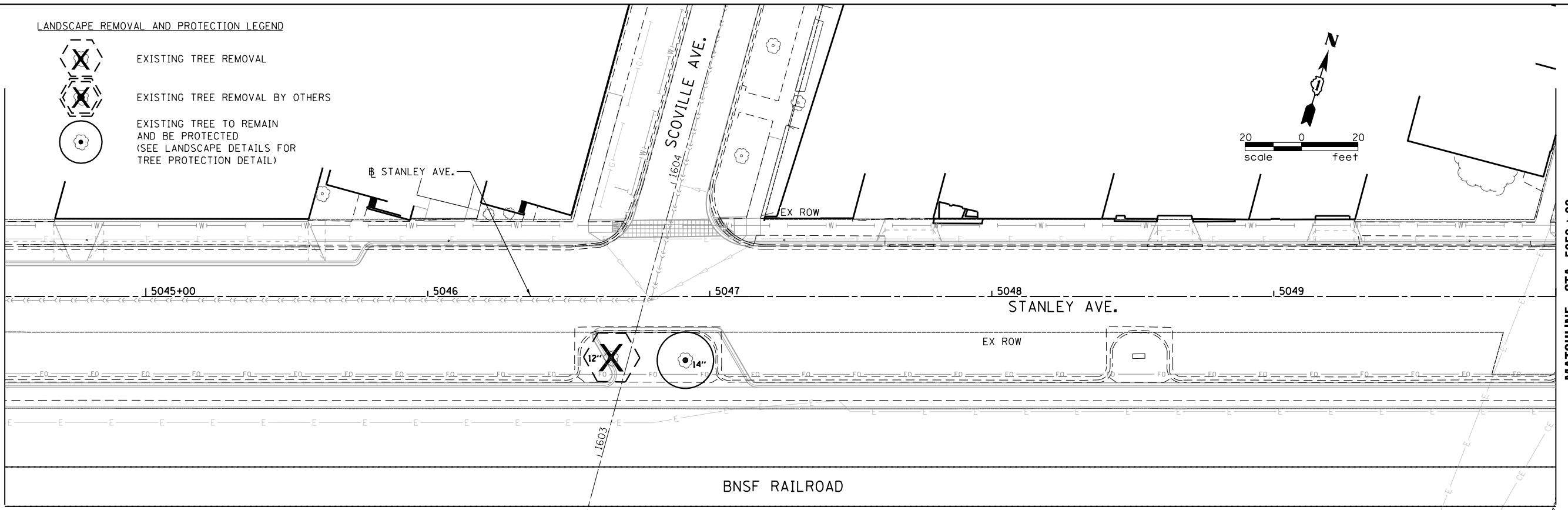
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

LANDSCAPE REMOVAL AND PROTECTION LEGEND



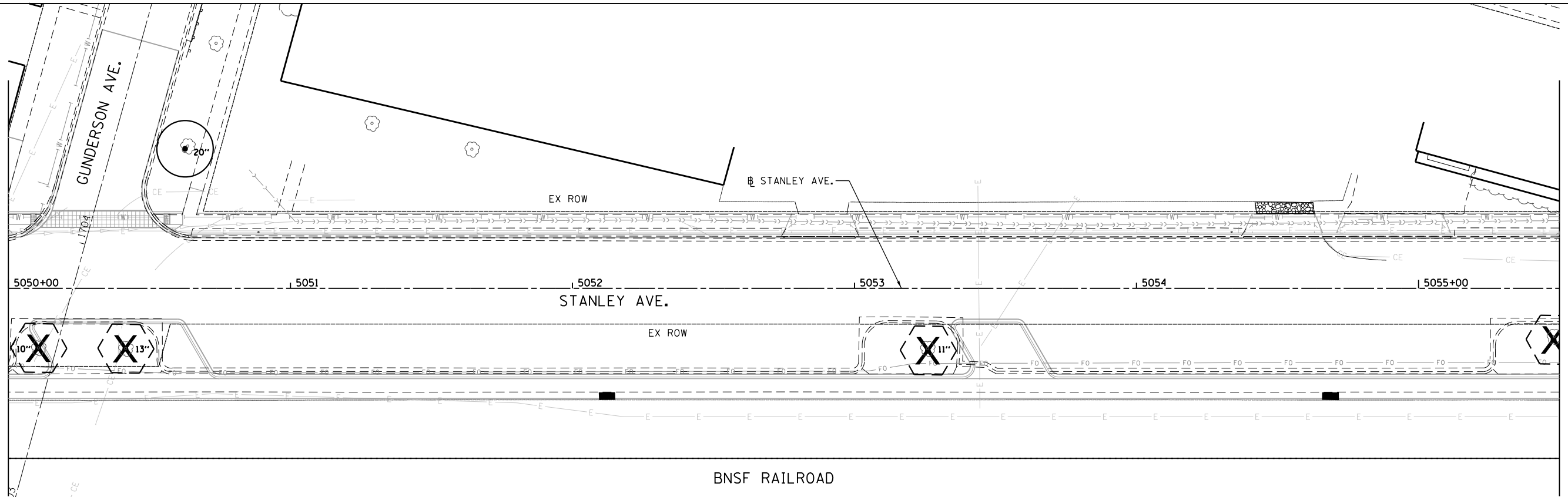
- EXISTING TREE REMOVAL
- EXISTING TREE REMOVAL BY OTHERS
- EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)

MATCHLINE STA. 5044 + 50



MATCHLINE STA. 5050 + 00

MATCHLINE STA. 5050 + 00



MATCHLINE STA. 5055 + 00

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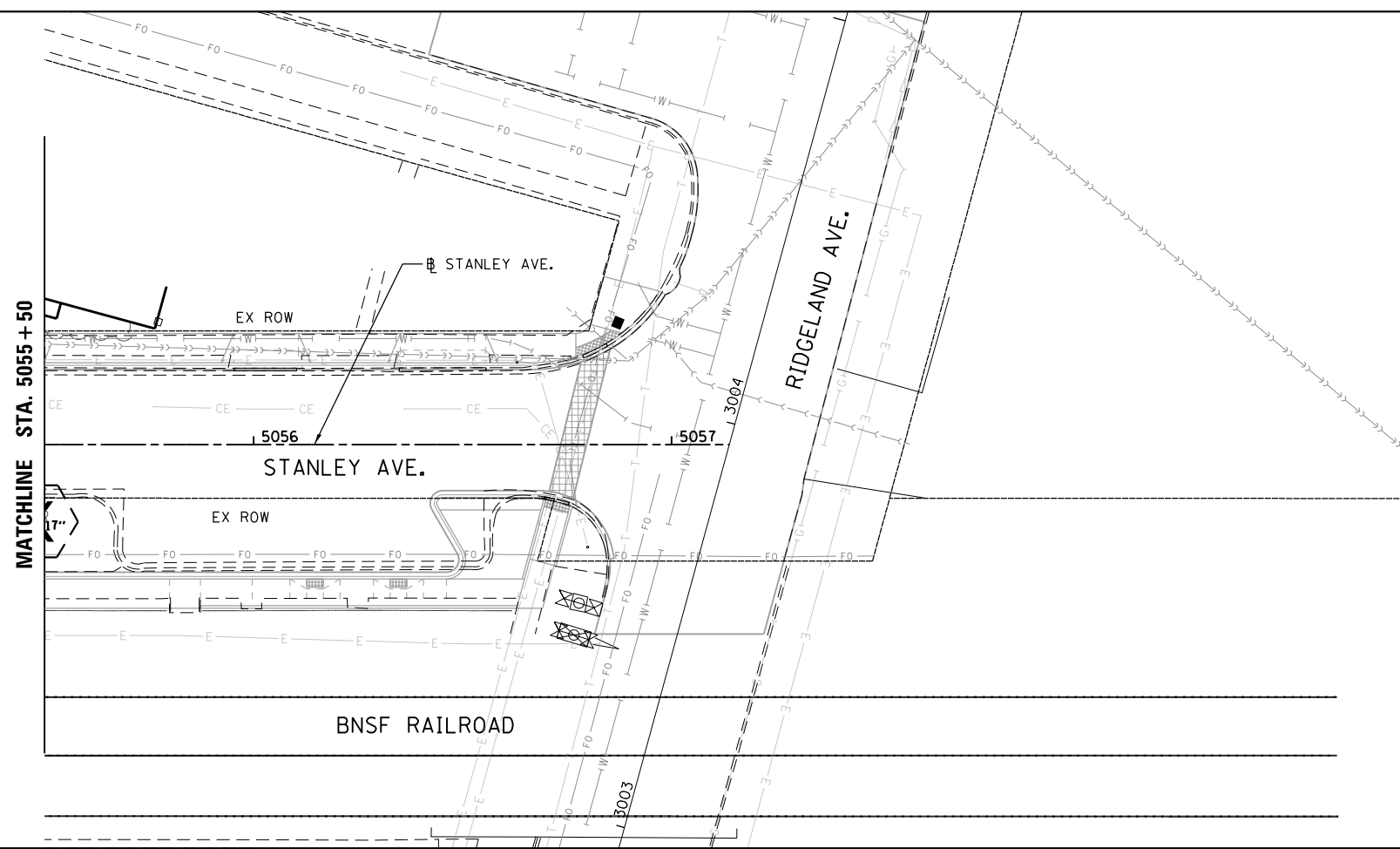
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PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN

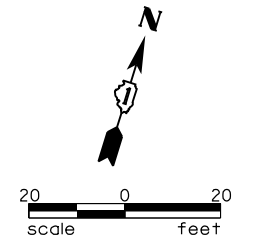
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	443
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				



LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-180)\DRAWING\Streetscape\CADD Sheets\BD_ST_LANDSCP_REM_06.dgn



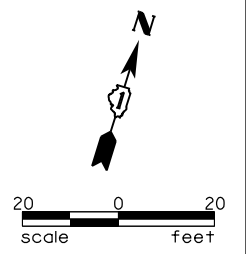
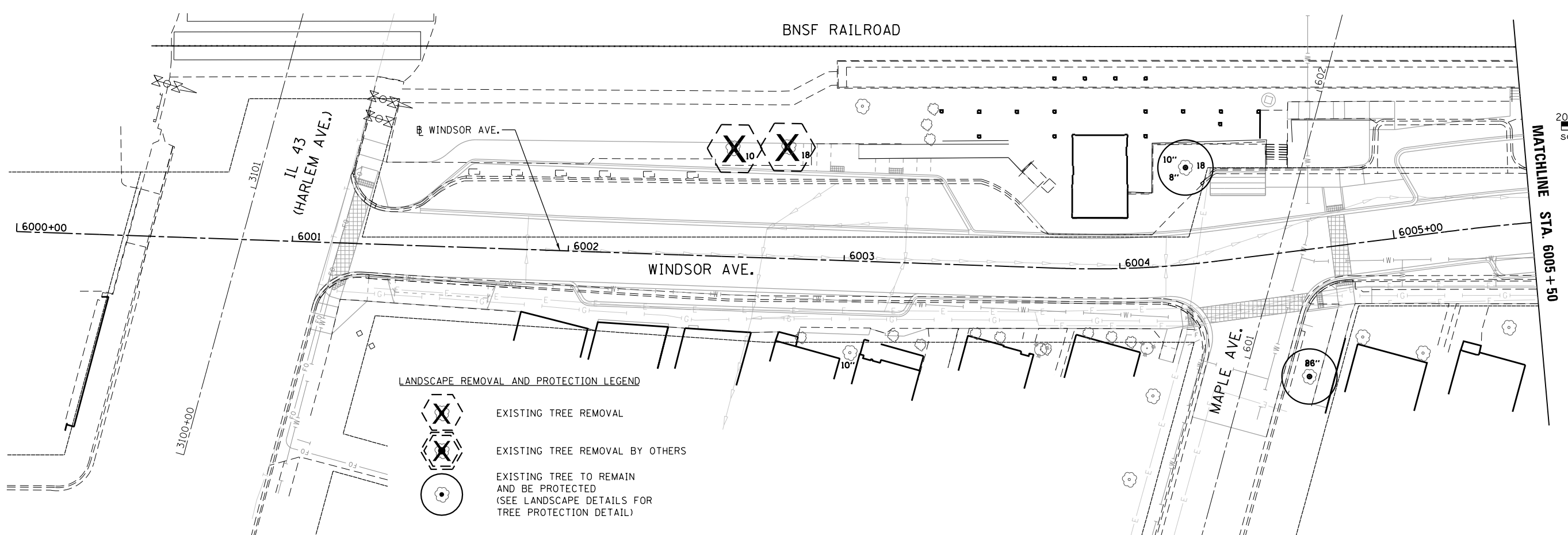
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PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE TREE REMOVAL AND PRESERVATION PLAN**

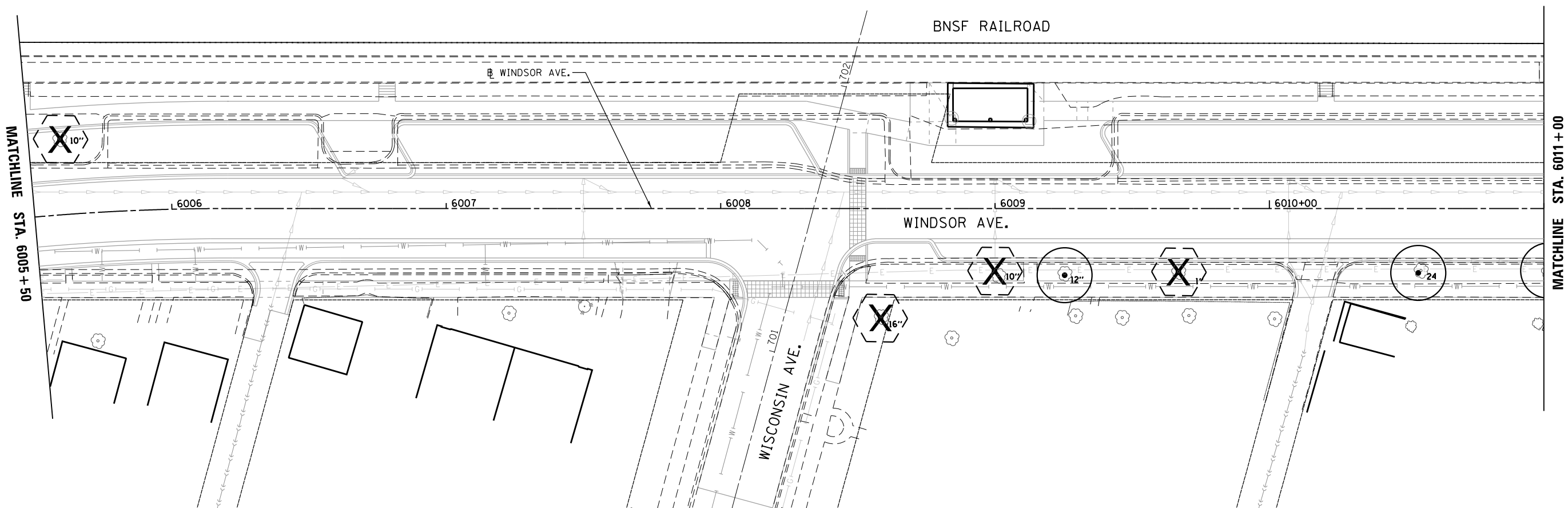
SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	444
				CONTRACT NO.61H24
ILLINOIS FED. AID PROJECT				



LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_WN_LANDSCP_REM_01.dgn



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	DATE -	REVISED -

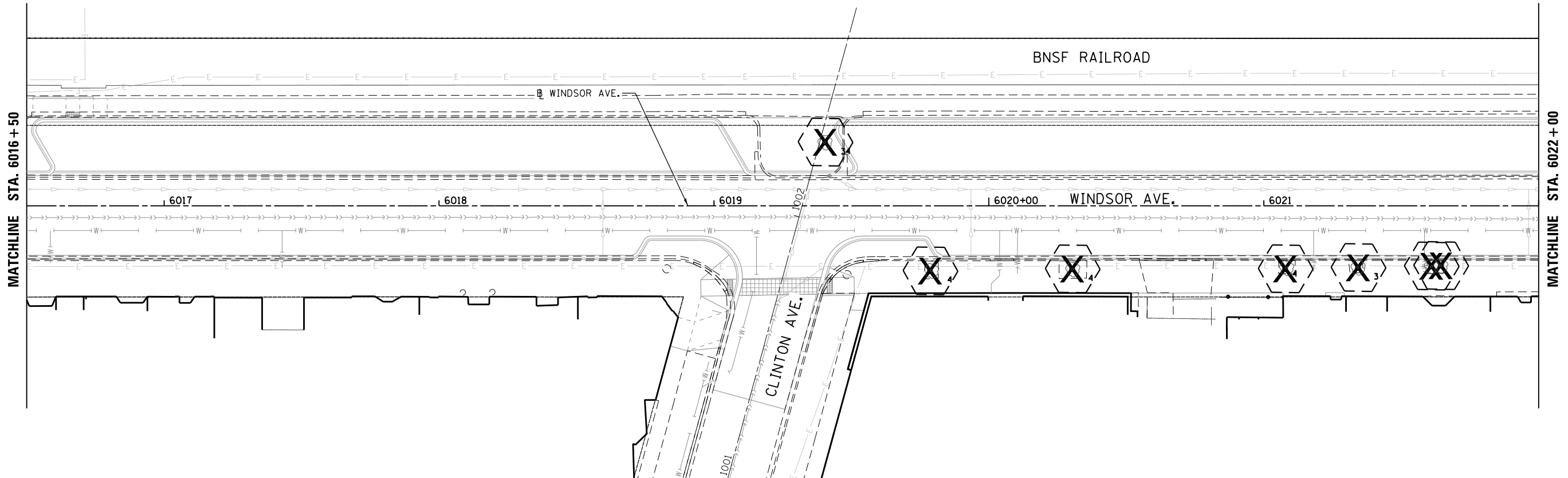
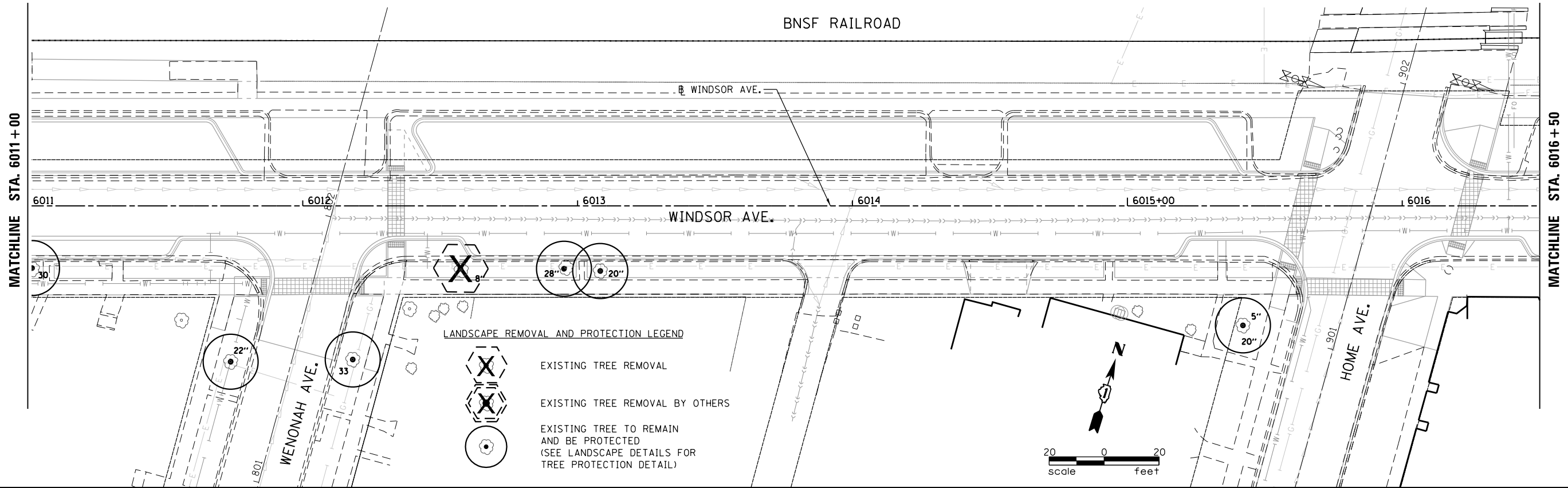
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	445
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

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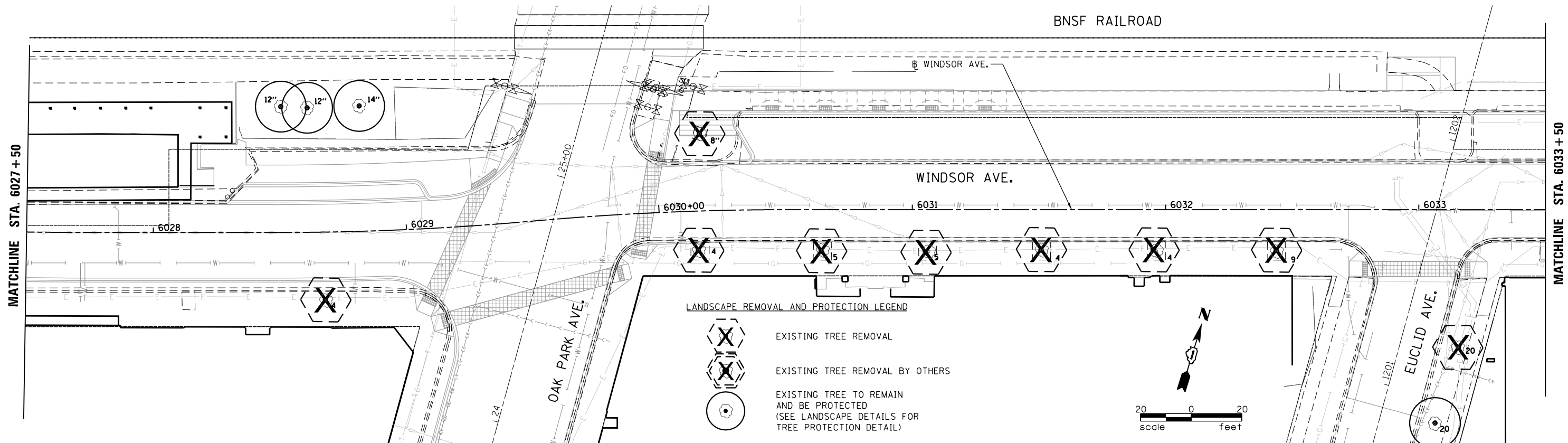
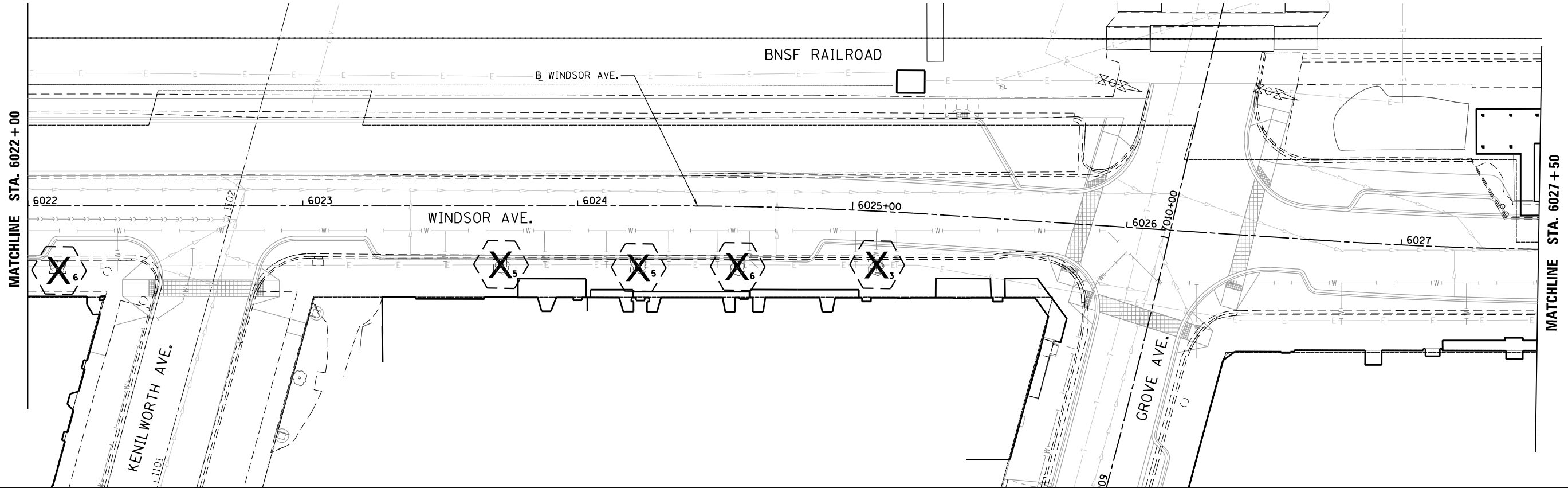
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PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	446
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



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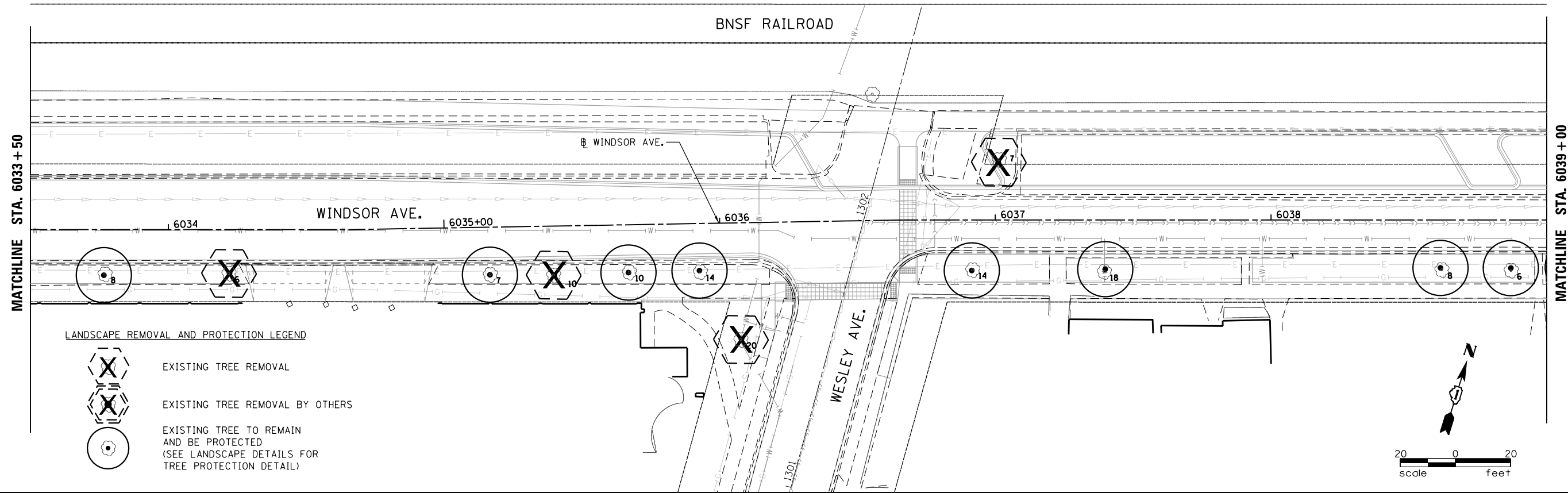
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PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN**

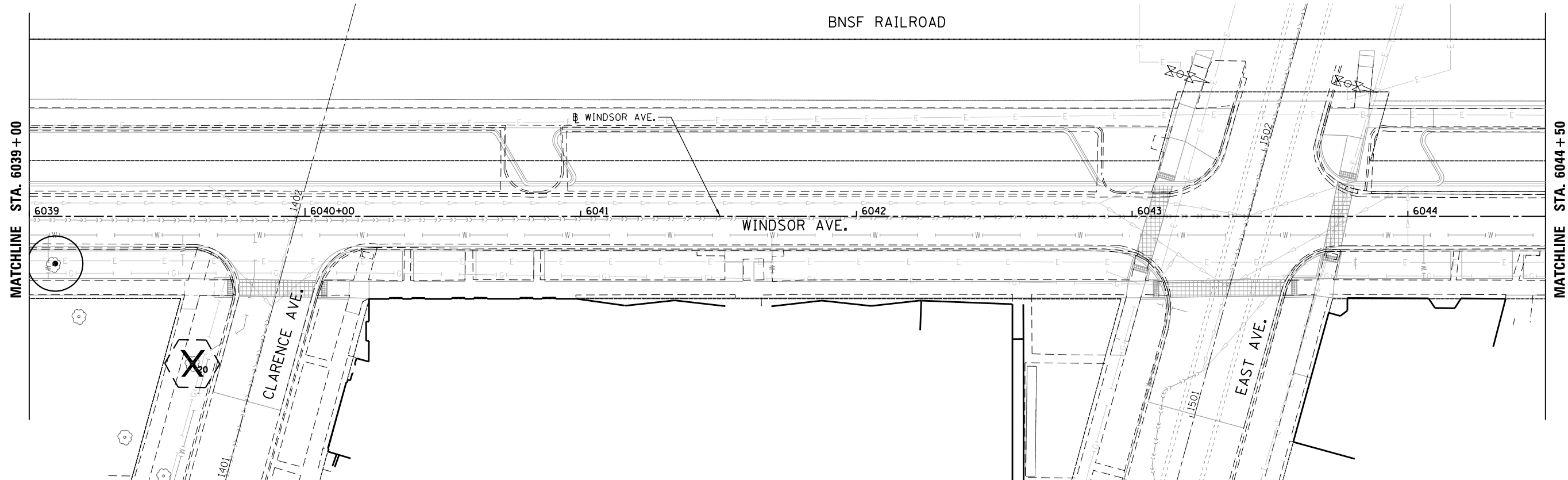
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	447
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LANDSCAPE REMOVAL AND PROTECTION LEGEND

- EXISTING TREE REMOVAL
- EXISTING TREE REMOVAL BY OTHERS
- EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



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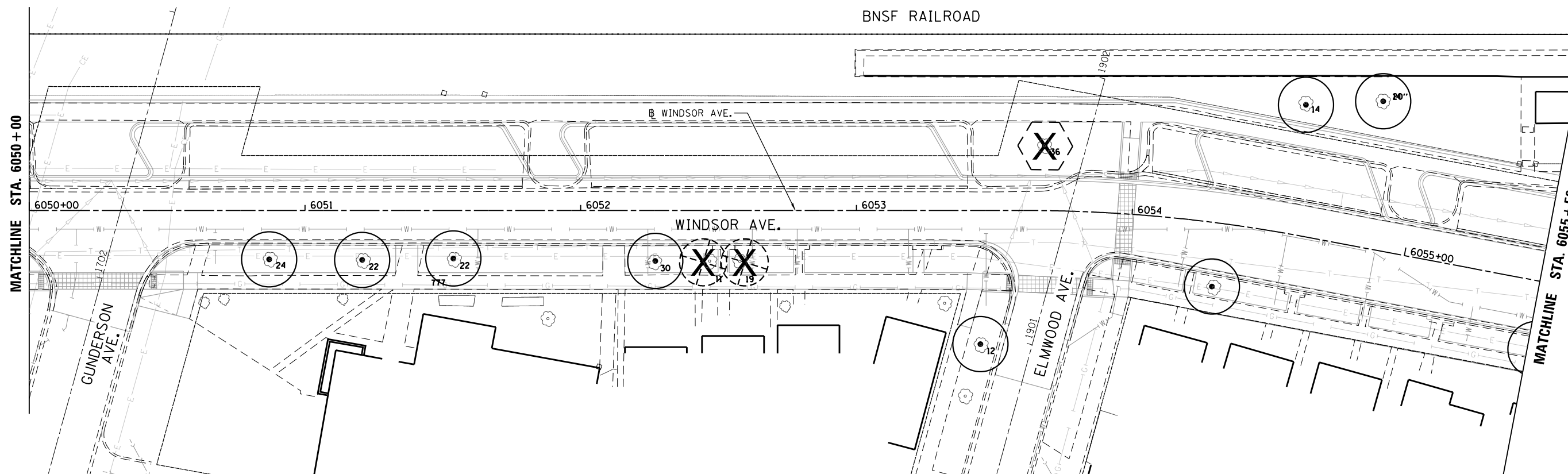
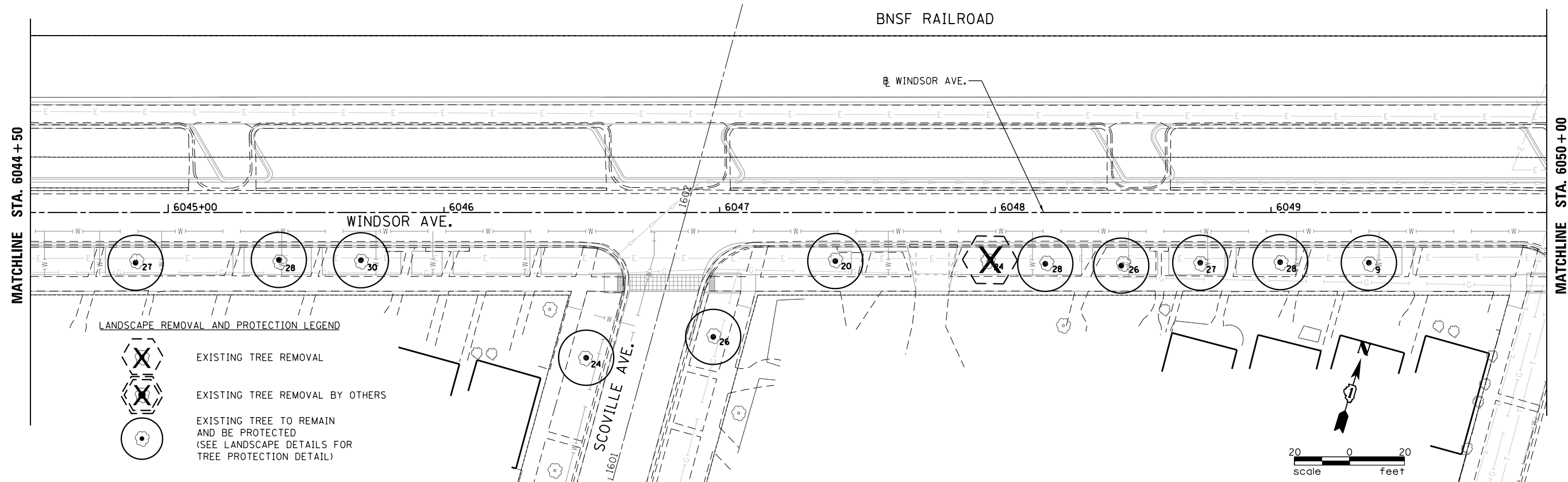
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	PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	448
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN**

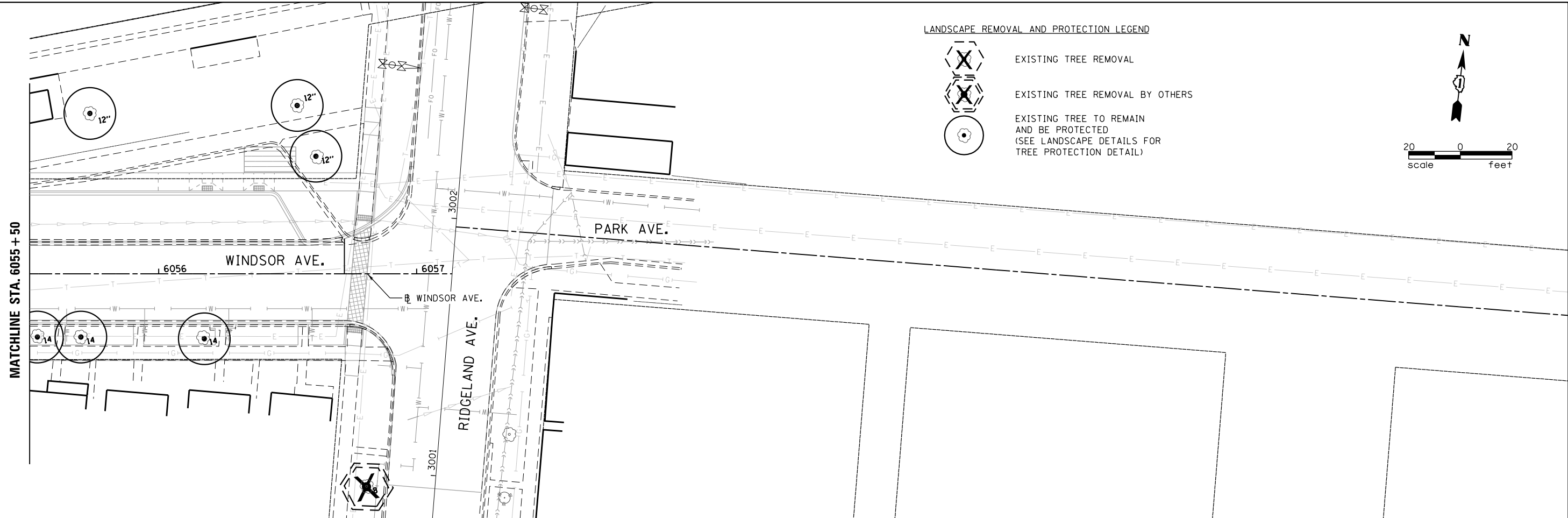
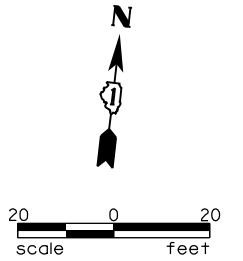
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	449
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

LANDSCAPE REMOVAL AND PROTECTION LEGEND



EXISTING TREE REMOVAL
 EXISTING TREE REMOVAL BY OTHERS
 EXISTING TREE TO REMAIN
 AND BE PROTECTED
 (SEE LANDSCAPE DETAILS FOR
 TREE PROTECTION DETAIL)



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PLOT DATE = 12/1/2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE TREE REMOVAL AND PRESERVATION PLAN

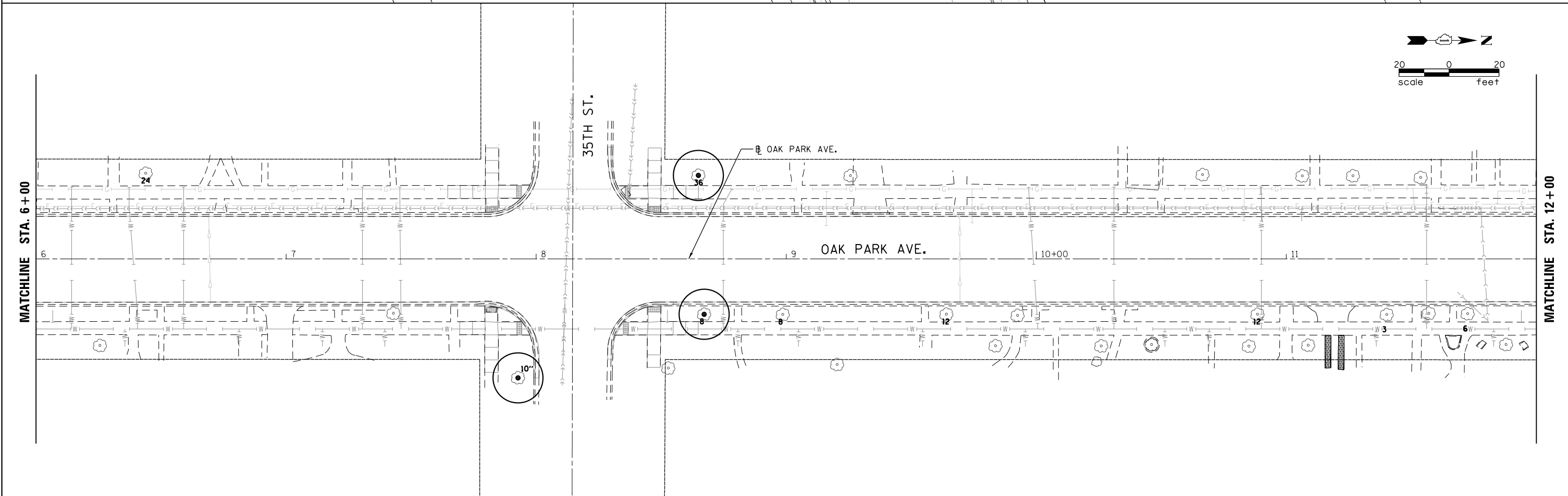
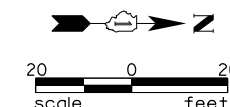
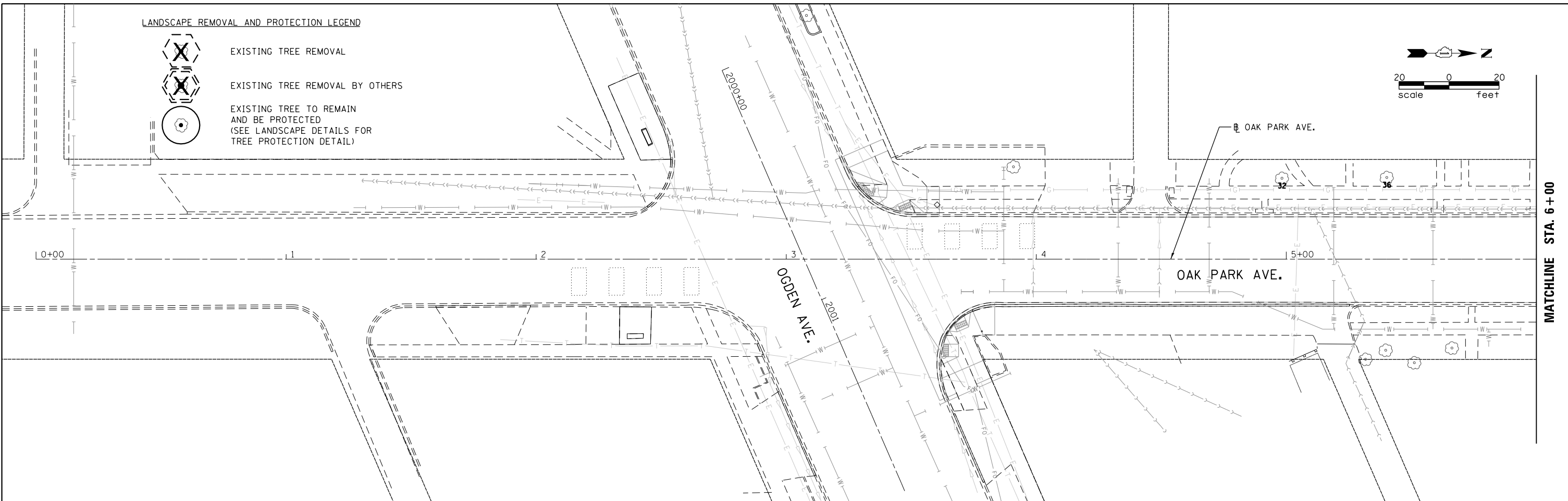
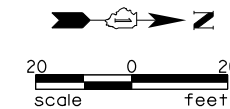
SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	450
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

LANDSCAPE REMOVAL AND PROTECTION LEGEND



- EXISTING TREE REMOVAL
- EXISTING TREE REMOVAL BY OTHERS
- EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-1801)\DRAWING\Streetscape\CADD Sheets\BD_OP_LLNDSCP_REM_01.dgn



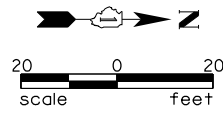
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PLOT DATE = 12/1/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**BERWYN DEPOT DISTRICT STREETScape
OAK PARK AVENUE TREE REMOVAL AND PRESERVATION PLAN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	451
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

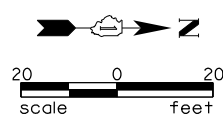
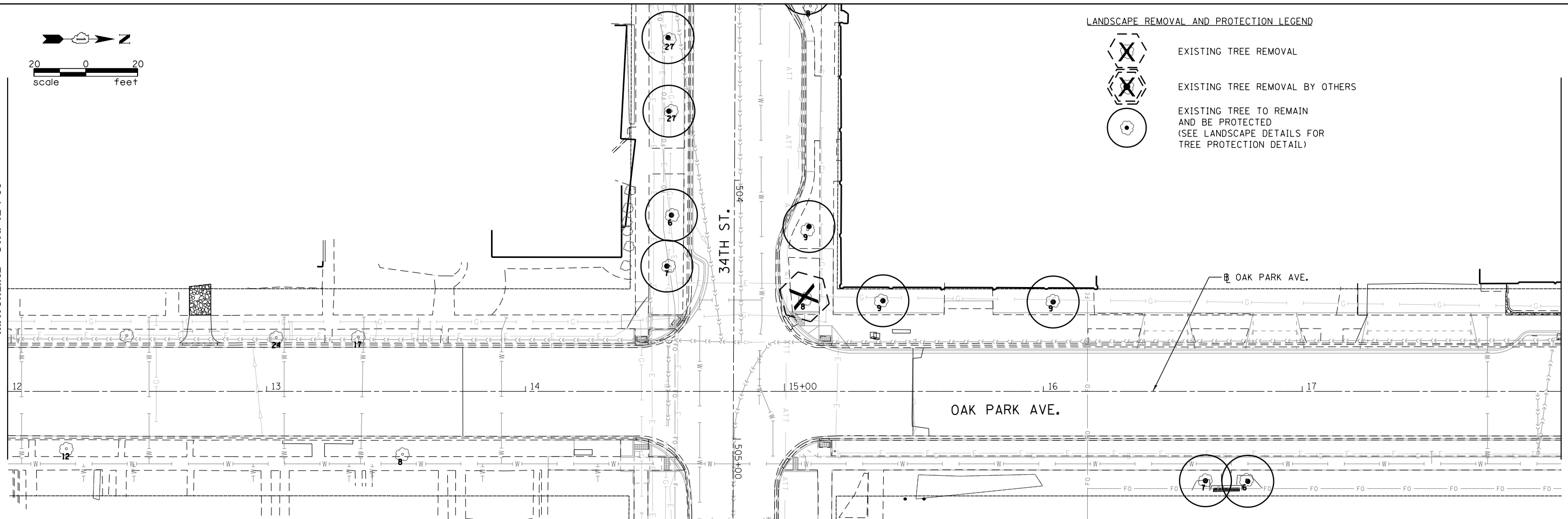


LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)

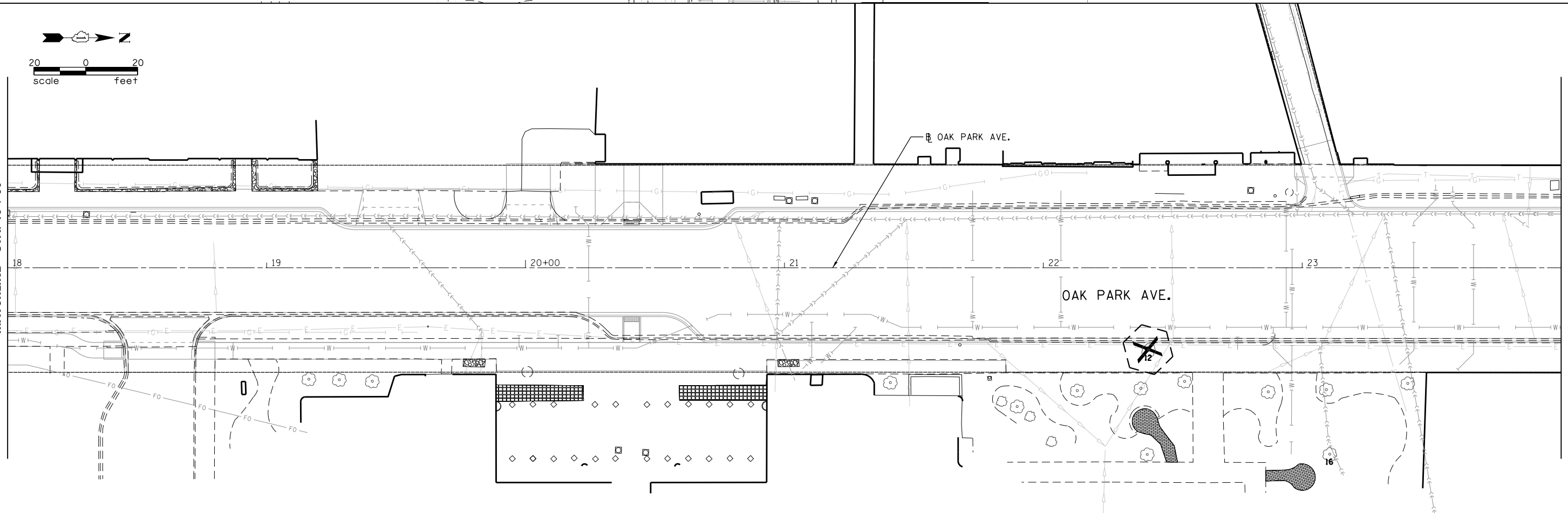
MATCHLINE STA. 12+00

MATCHLINE STA. 18+00



MATCHLINE STA. 18+00

MATCHLINE STA. 24+00



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	DATE -	REVISED -

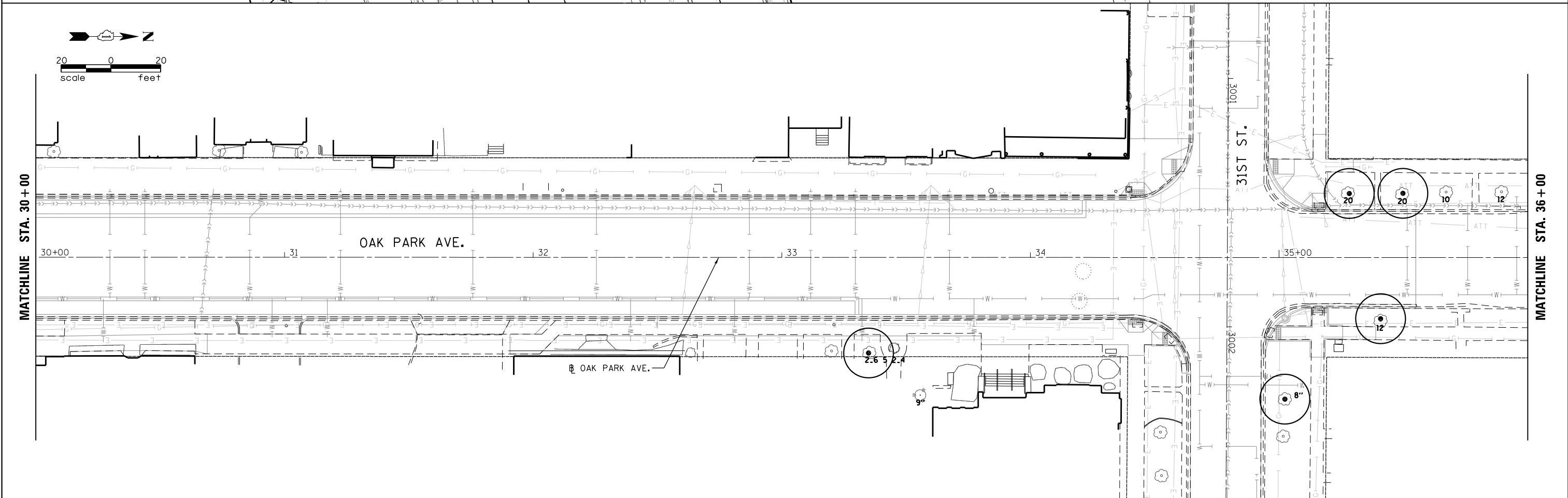
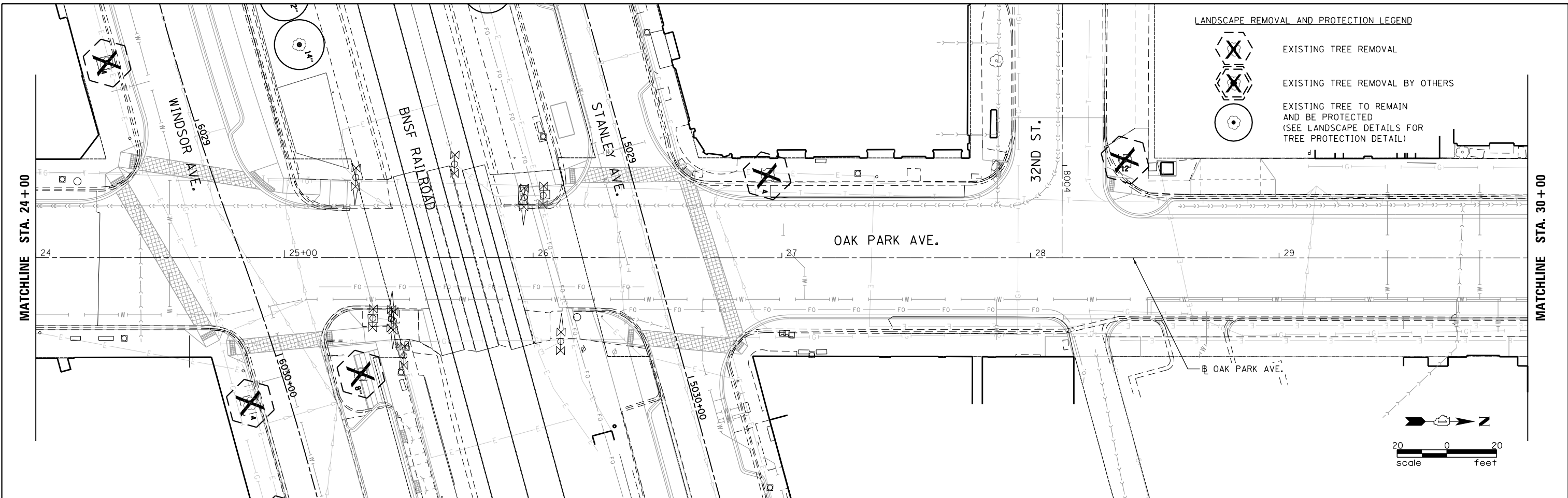
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
OAK PARK AVENUE TREE REMOVAL AND PRESERVATION PLAN

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	452
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

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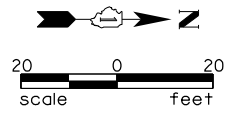
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**BERWYN DEPOT DISTRICT STREETSCAPE
OAK PARK AVENUE TREE REMOVAL AND PRESERVATION PLAN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	453
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

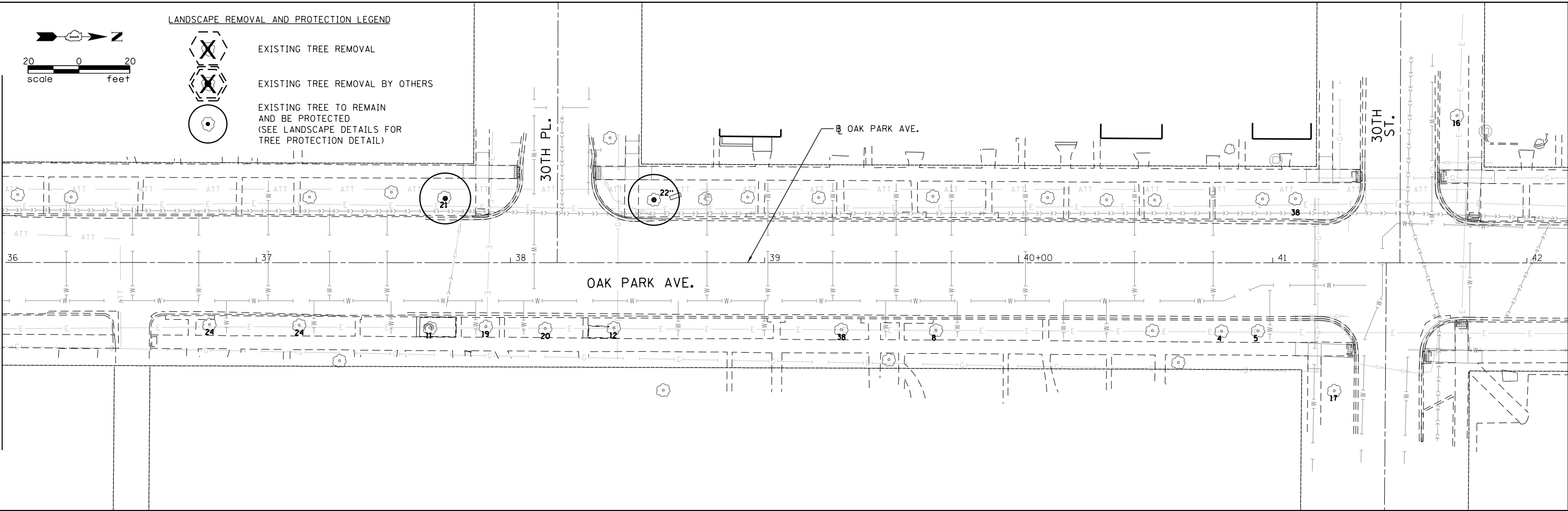
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.




LANDSCAPE REMOVAL AND PROTECTION LEGEND

-  EXISTING TREE REMOVAL
-  EXISTING TREE REMOVAL BY OTHERS
-  EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)

MATCHLINE STA. 36+00



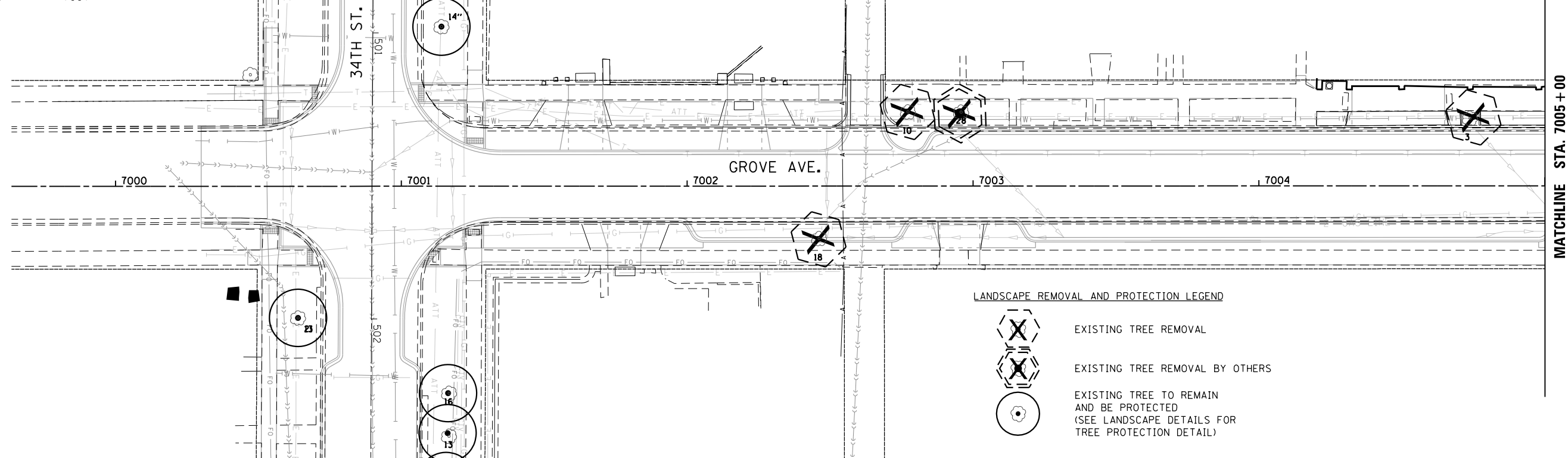
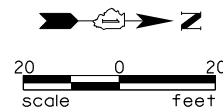
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	PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

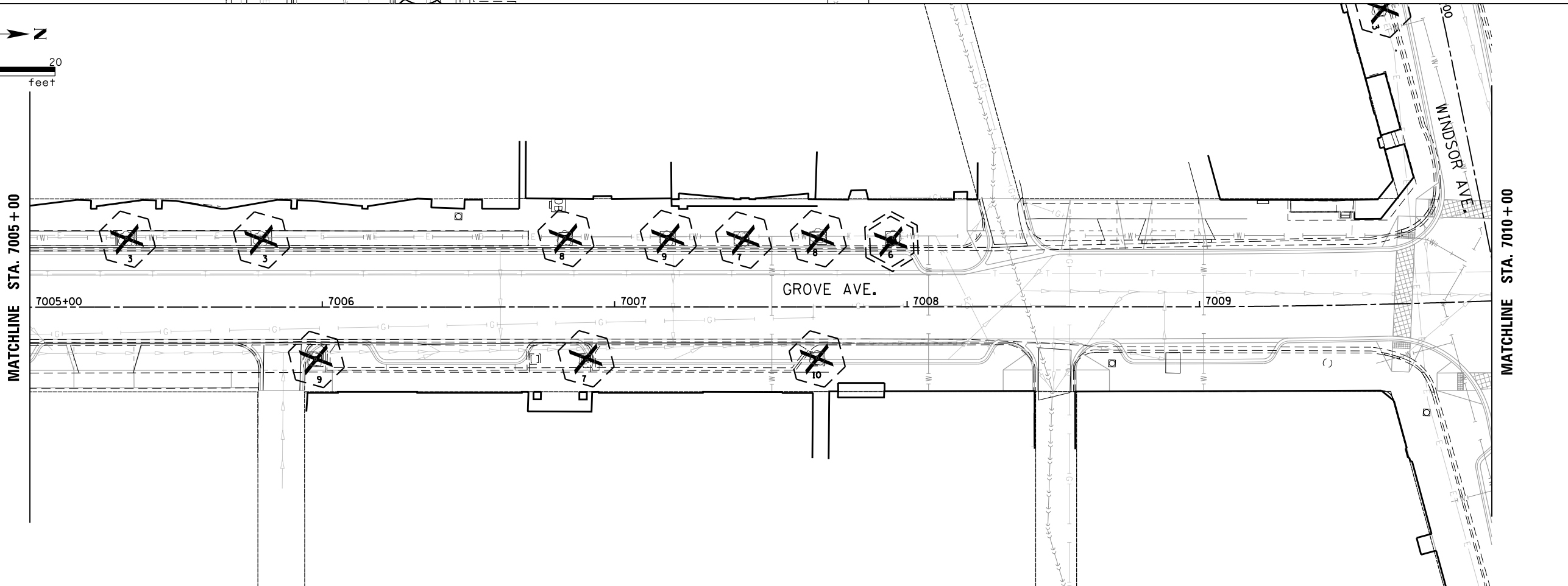
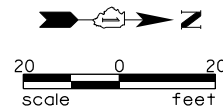
BERWYN DEPOT DISTRICT STREETScape OAK PARK AVENUE TREE REMOVAL AND PRESERVATION PLAN			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2275	13-00170-00-RS	COOK	553	454
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



LANDSCAPE REMOVAL AND PROTECTION LEGEND

- EXISTING TREE REMOVAL
- EXISTING TREE REMOVAL BY OTHERS
- EXISTING TREE TO REMAIN AND BE PROTECTED (SEE LANDSCAPE DETAILS FOR TREE PROTECTION DETAIL)



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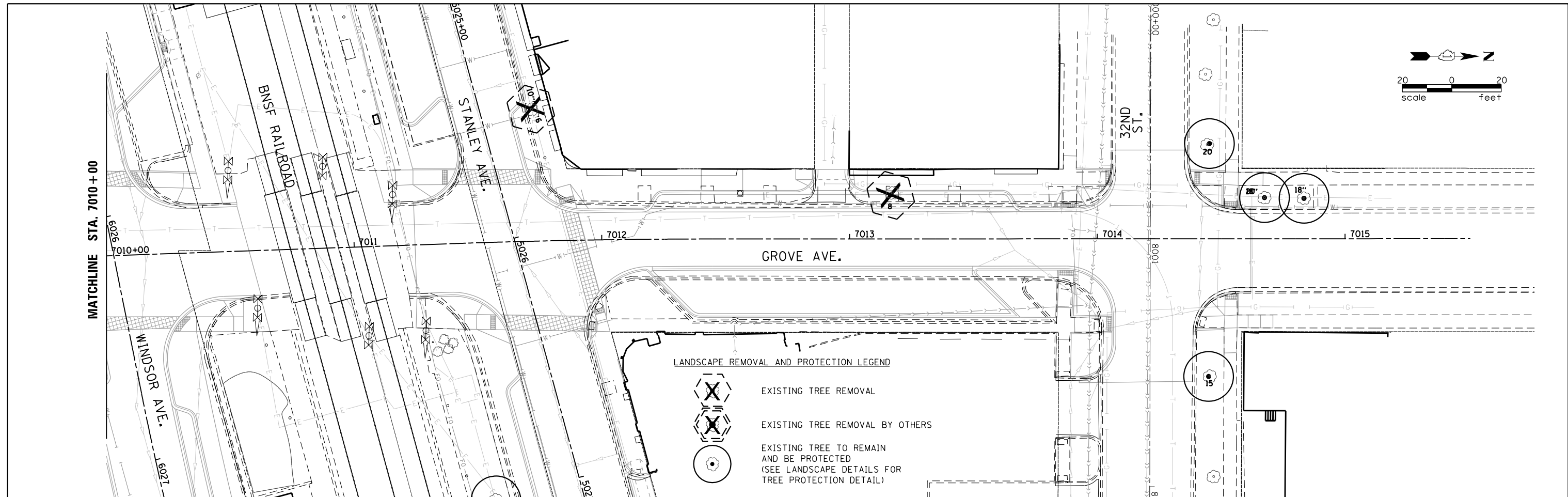
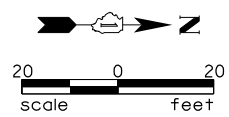
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	PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
GROVE AVENUE TREE REMOVAL AND PRESERVATION PLAN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2030	13-00170-00-RS	COOK	553	455
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.



FILE NAME = M:\BERWYN DEPOT DISTRICT STREETScape (13-180)\DRAWING\Streetscape\CADD Sheets\180_GR_LANDSCP_REM_02.dgn



USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - TWB	REVISED -
PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**BERWYN DEPOT DISTRICT STREETScape
GROVE AVENUE TREE REMOVAL AND PRESERVATION PLAN**

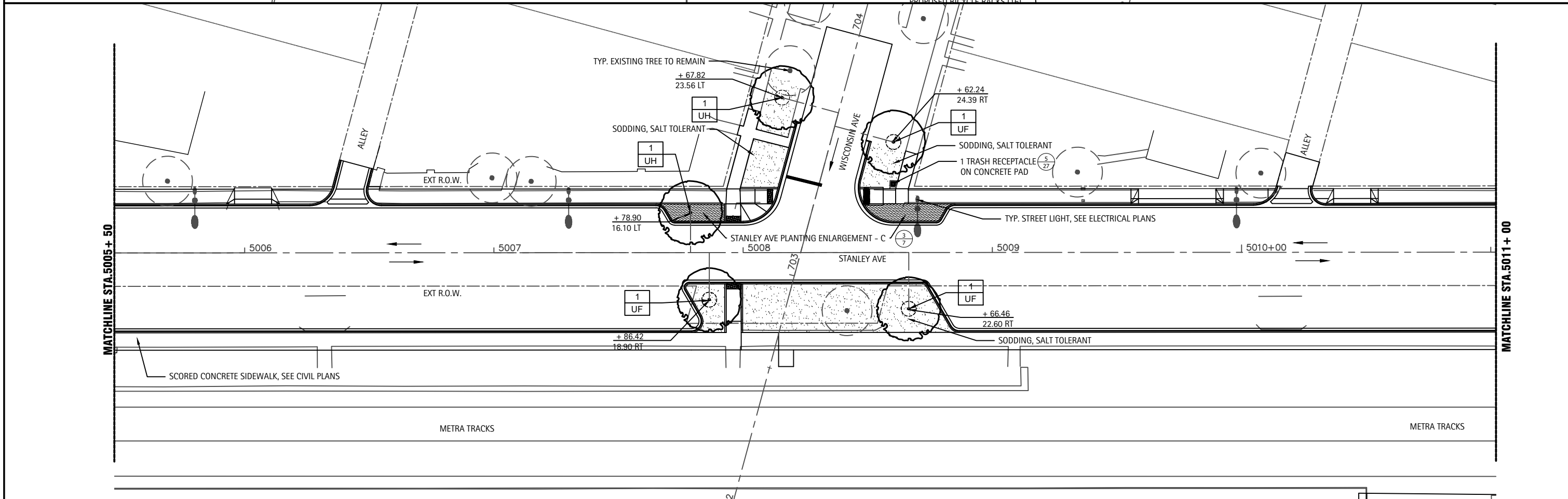
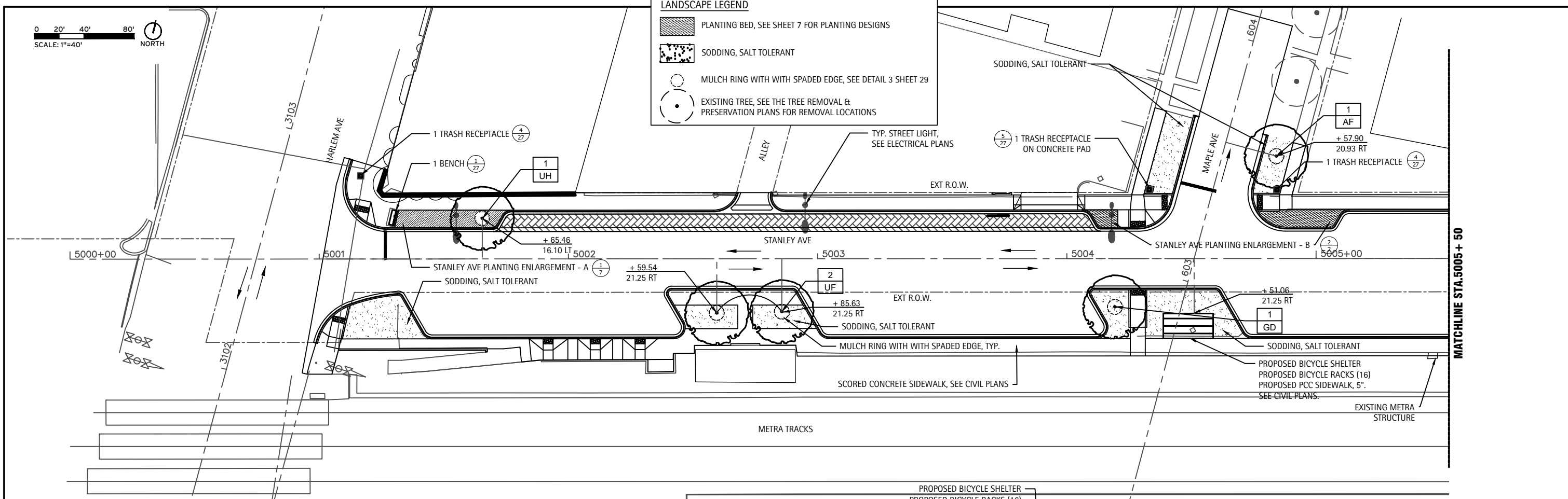
F.A. RTE. 2030	SECTION 13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 456
CONTRACT NO.61H24				ILLINOIS FED. AID PROJECT

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

0 20' 40' 80' NORTH
SCALE: 1"=40'

LANDSCAPE LEGEND

-  PLANTING BED, SEE SHEET 7 FOR PLANTING DESIGNS
-  SODDING, SALT TOLERANT
-  MULCH RING WITH WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
-  EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



USER NAME -	DESIGNED -	REVISED -
DRAWN - TM	REVISOR -	
CHECKED - DS	REVISOR -	
DATE -	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

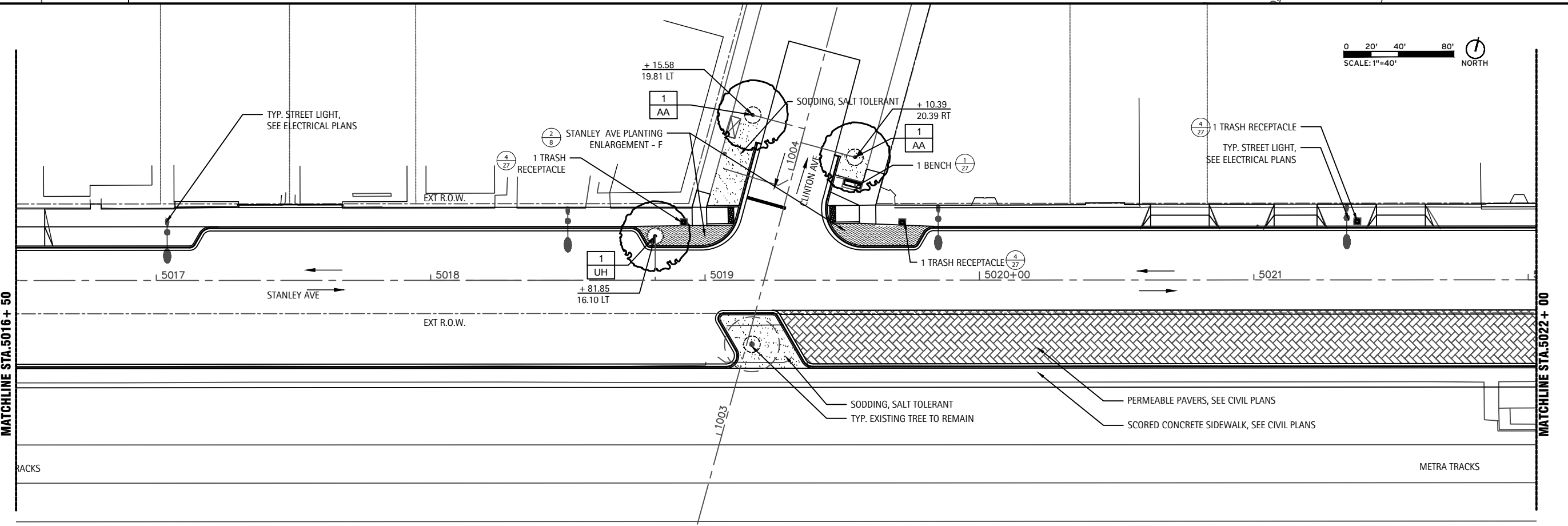
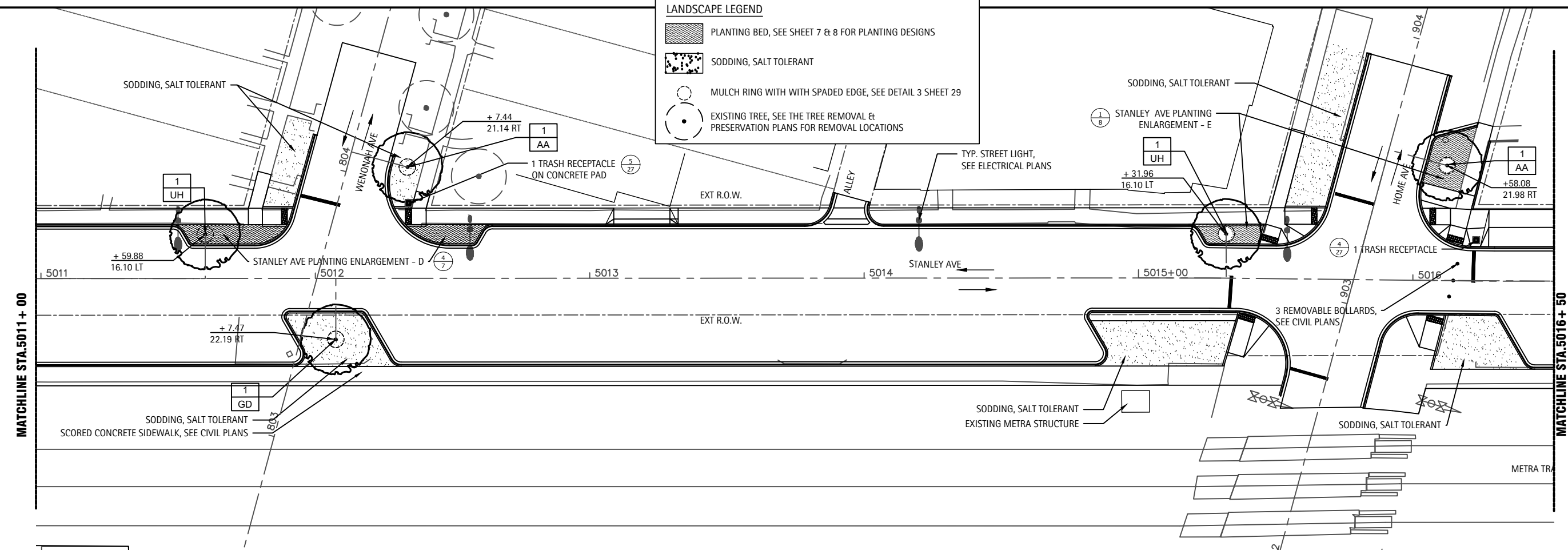
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE PLANS

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 457
		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 29 SHEETS STA. TO STA.

LANDSCAPE LEGEND

- PLANTING BED, SEE SHEET 7 & 8 FOR PLANTING DESIGNS
- SODDING, SALT TOLERANT
- MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



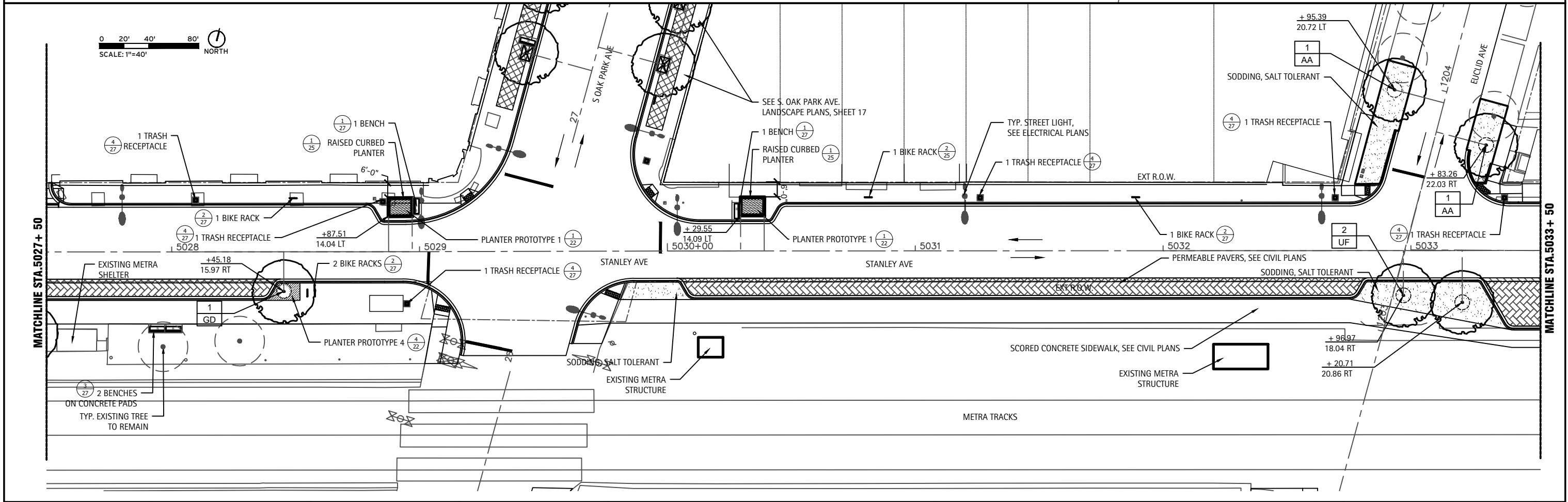
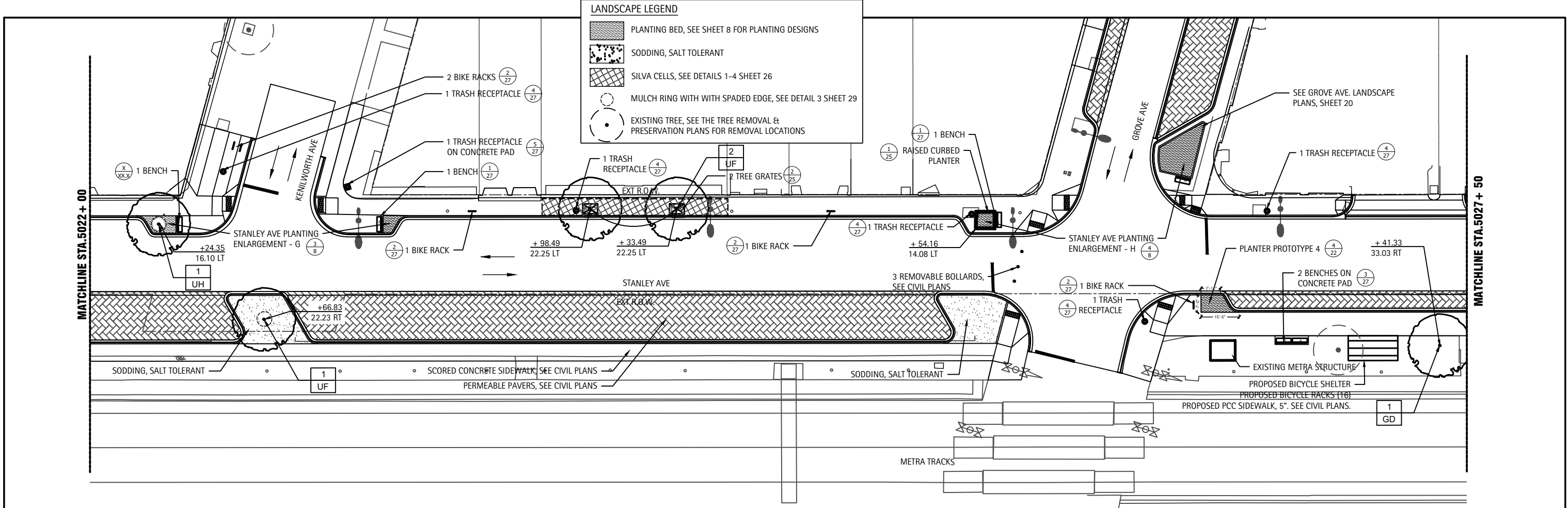
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DRAWN - TM	CHECKED - DS	DATE -
PLOT SCALE -		
PLOT DATE - 11-23-2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE PLANS

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 458
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 29 SHEETS STA. TO STA.



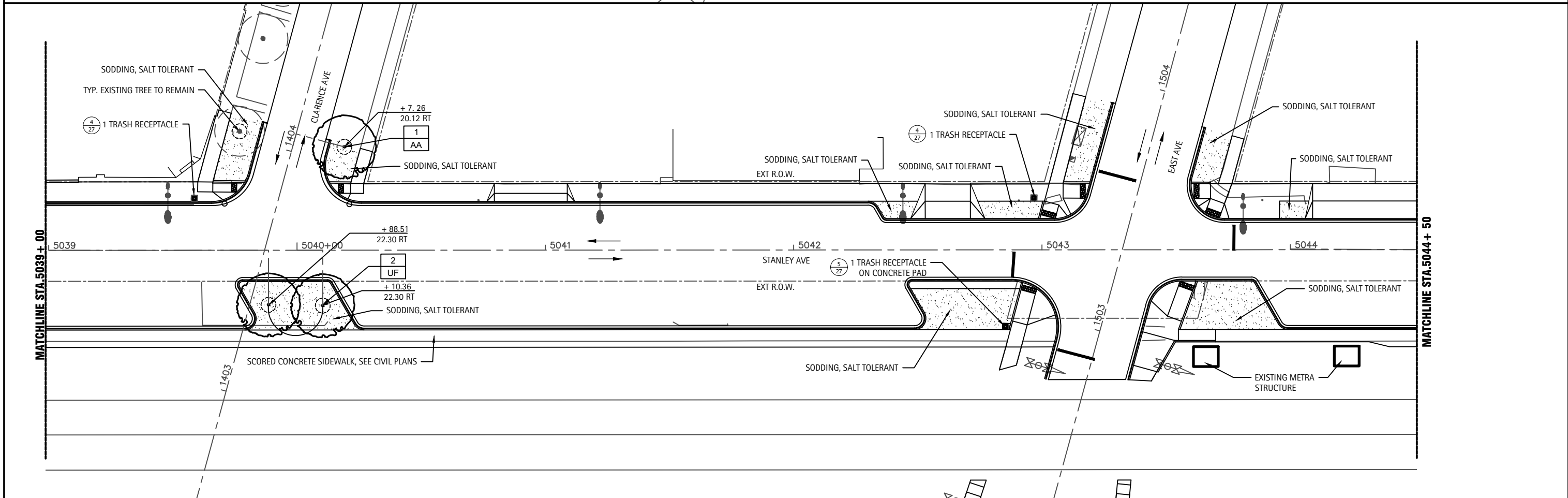
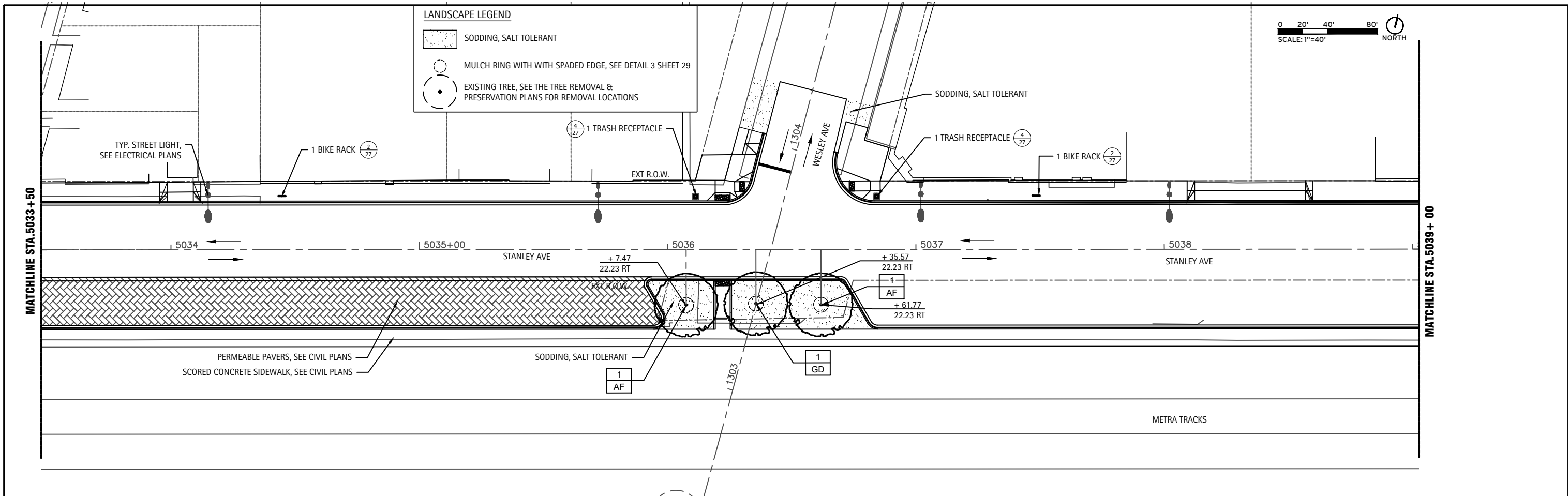
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PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

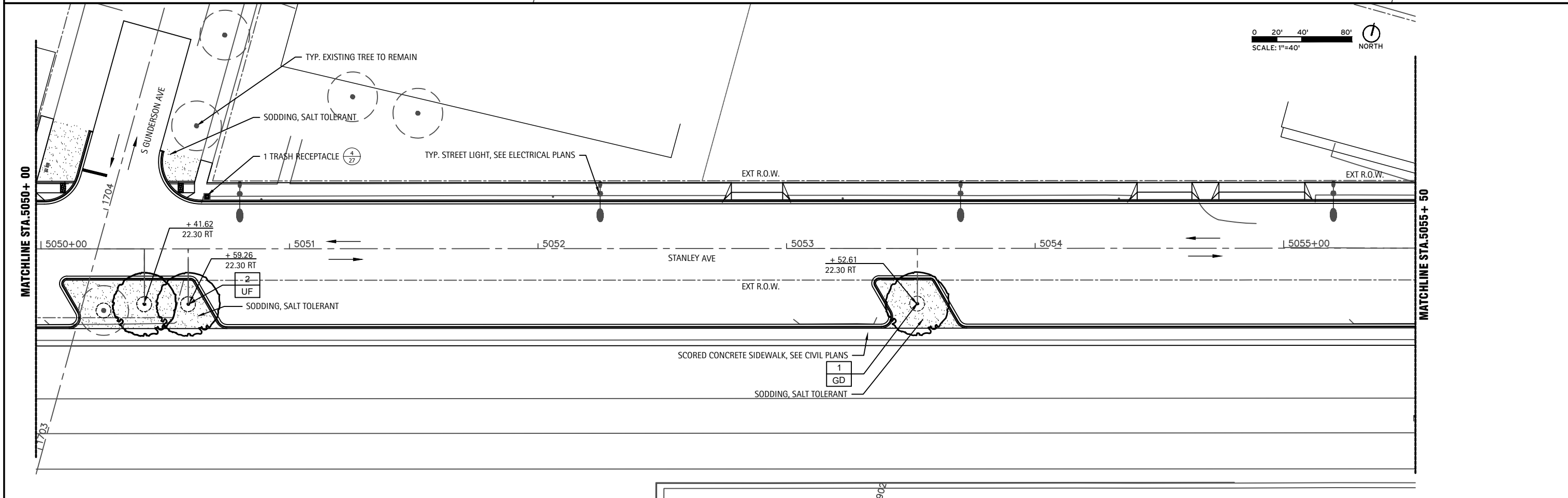
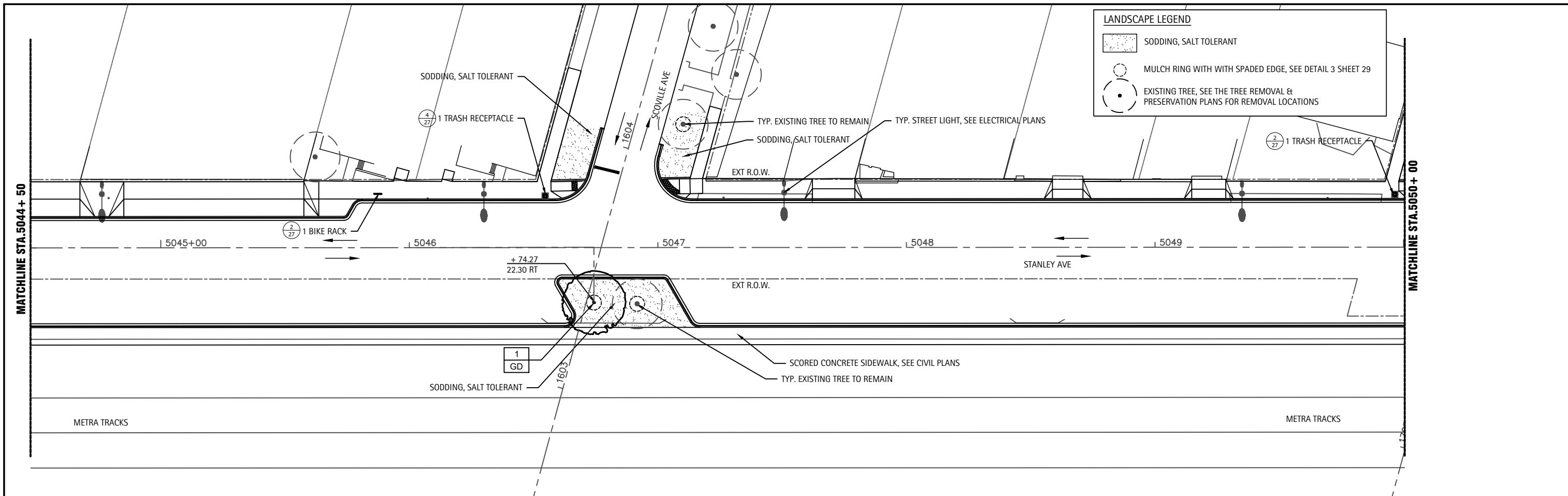
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

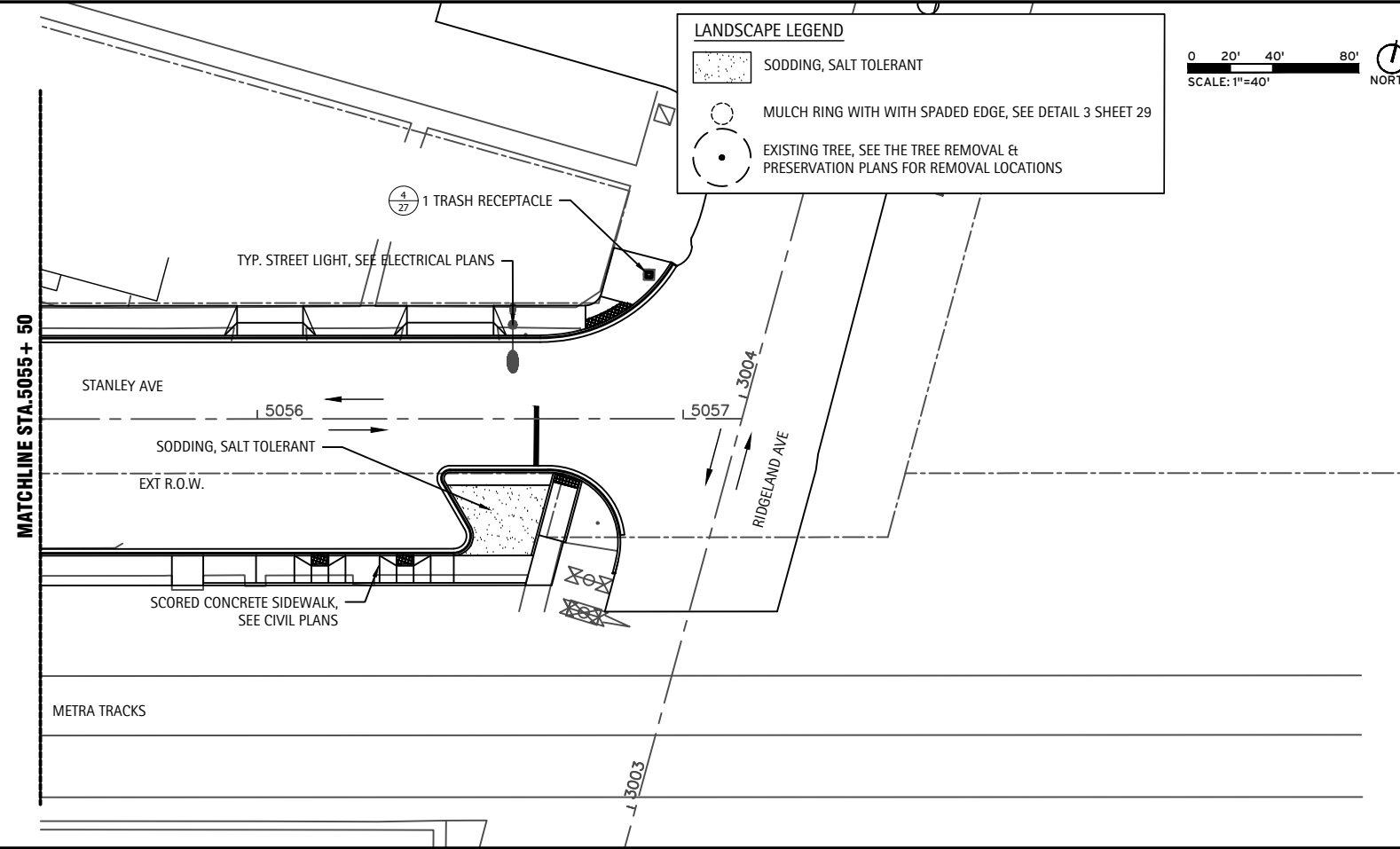
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE PLANS

SCALE: SHEET 3 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 459
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				







LANDSCAPE LEGEND

- SODDING, SALT TOLERANT
- MULCH RING WITH WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



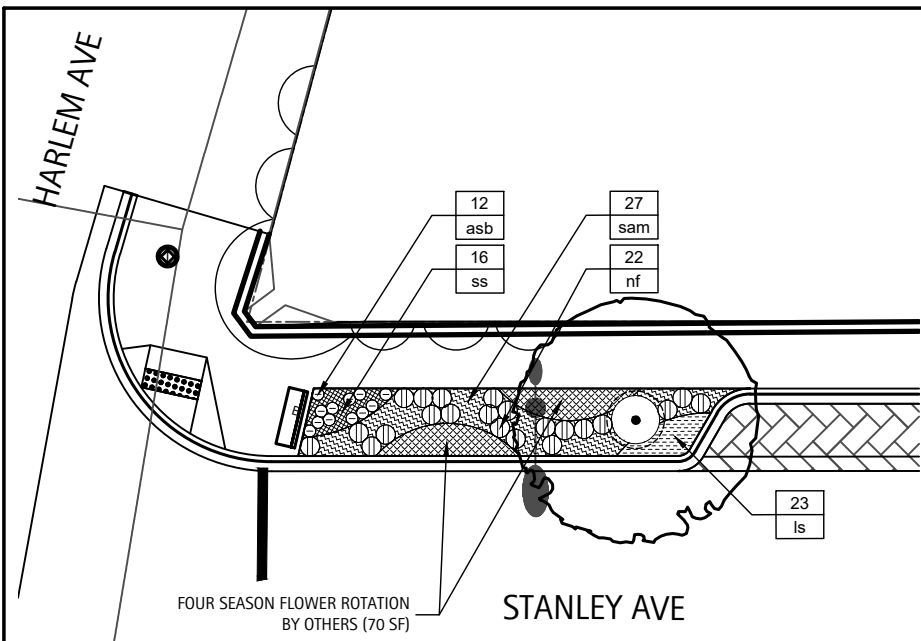
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DRAWN - TM	REVISED -	
PLOT SCALE -	CHECKED - DS	REVISED -
PLOT DATE - 11-23-2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

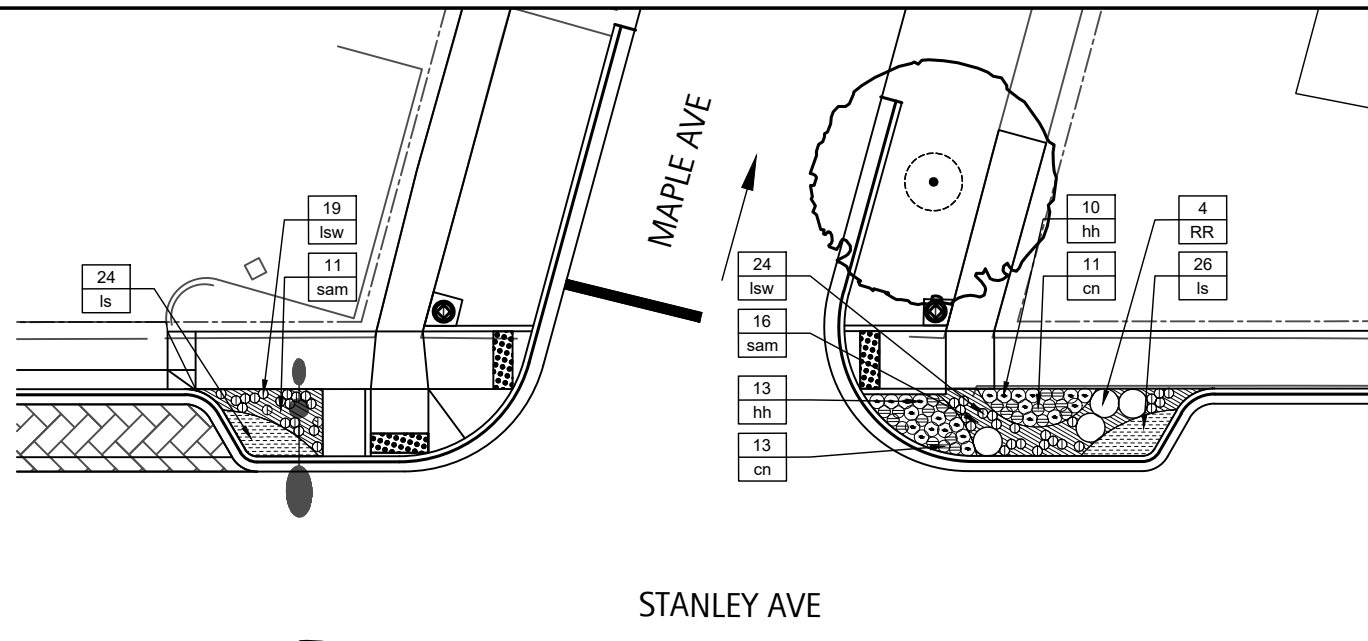
BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE PLANS

SCALE: SHEET 6 OF 29 SHEETS STA. TO STA.

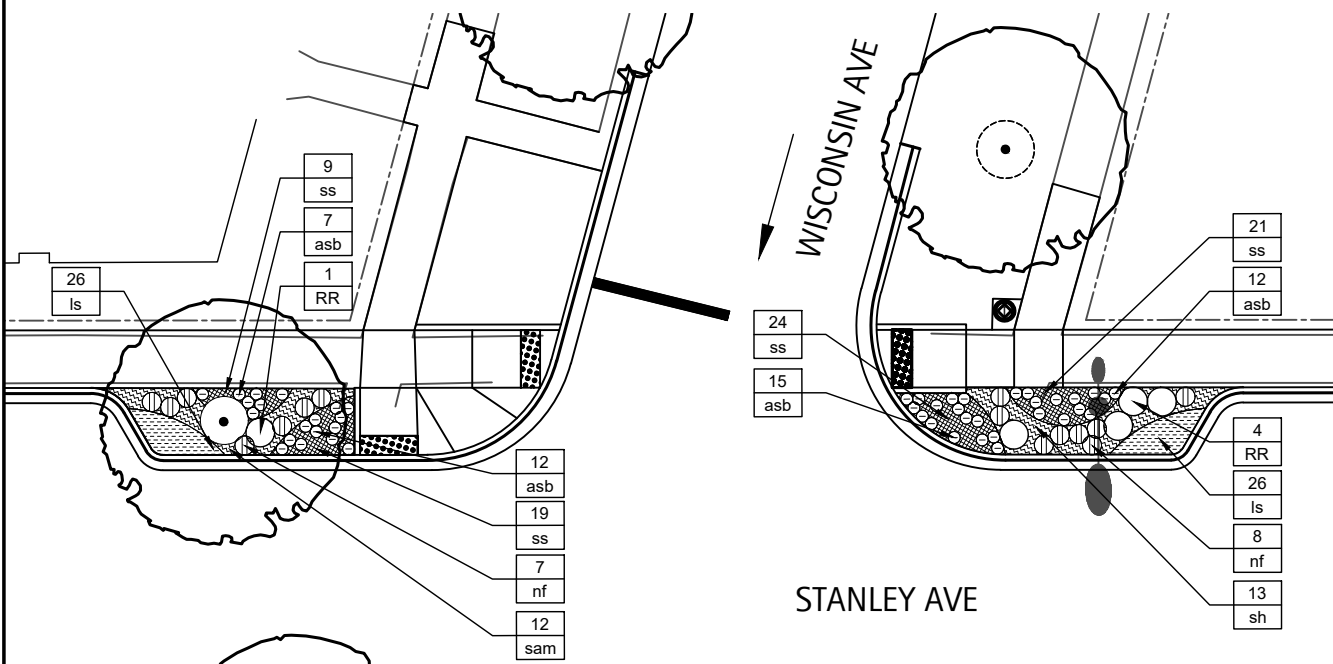
F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	553	482
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	



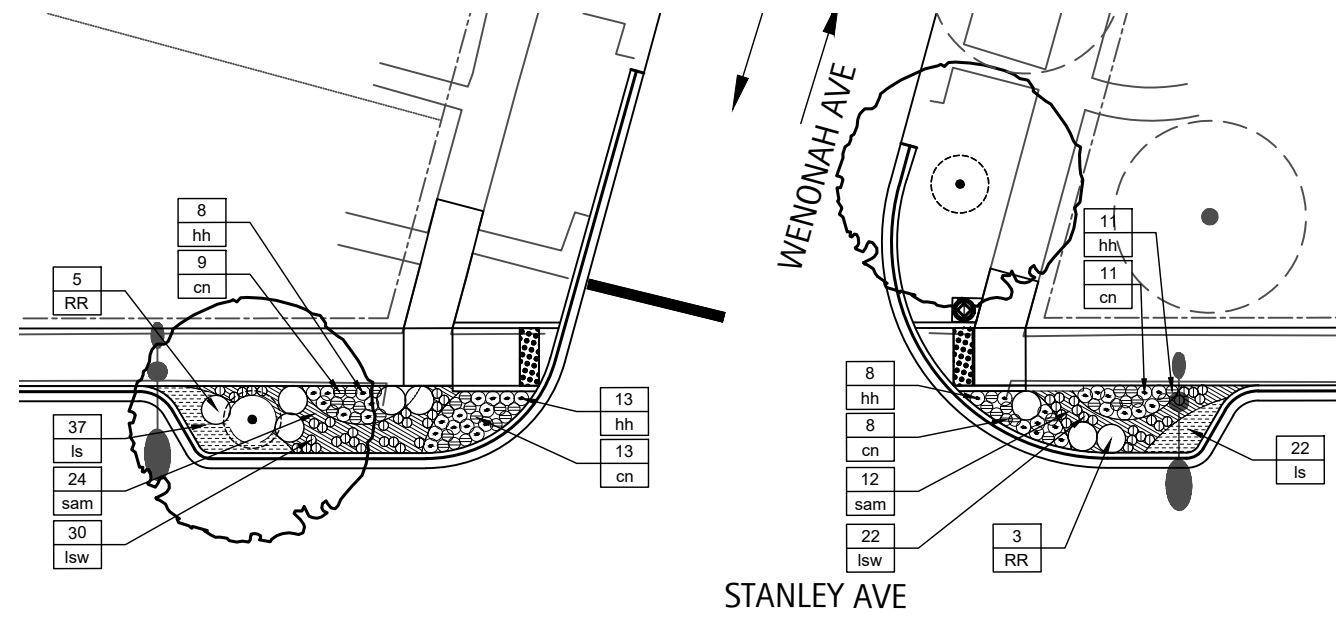
1 STANLEY AVENUE PLANTING ENLARGEMENT - A
SCALE: 1" = 20'-0"



2 STANLEY AVENUE PLANTING ENLARGEMENT - B
SCALE: 1" = 20'-0"

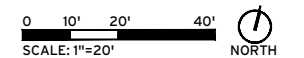


3 STANLEY AVENUE PLANTING ENLARGEMENT - C
SCALE: 1" = 20'-0"



4 STANLEY AVENUE PLANTING ENLARGEMENT - D
SCALE: 1" = 20'-0"

NOTE:
1. See Sheet 23 for the Planting Schedule.

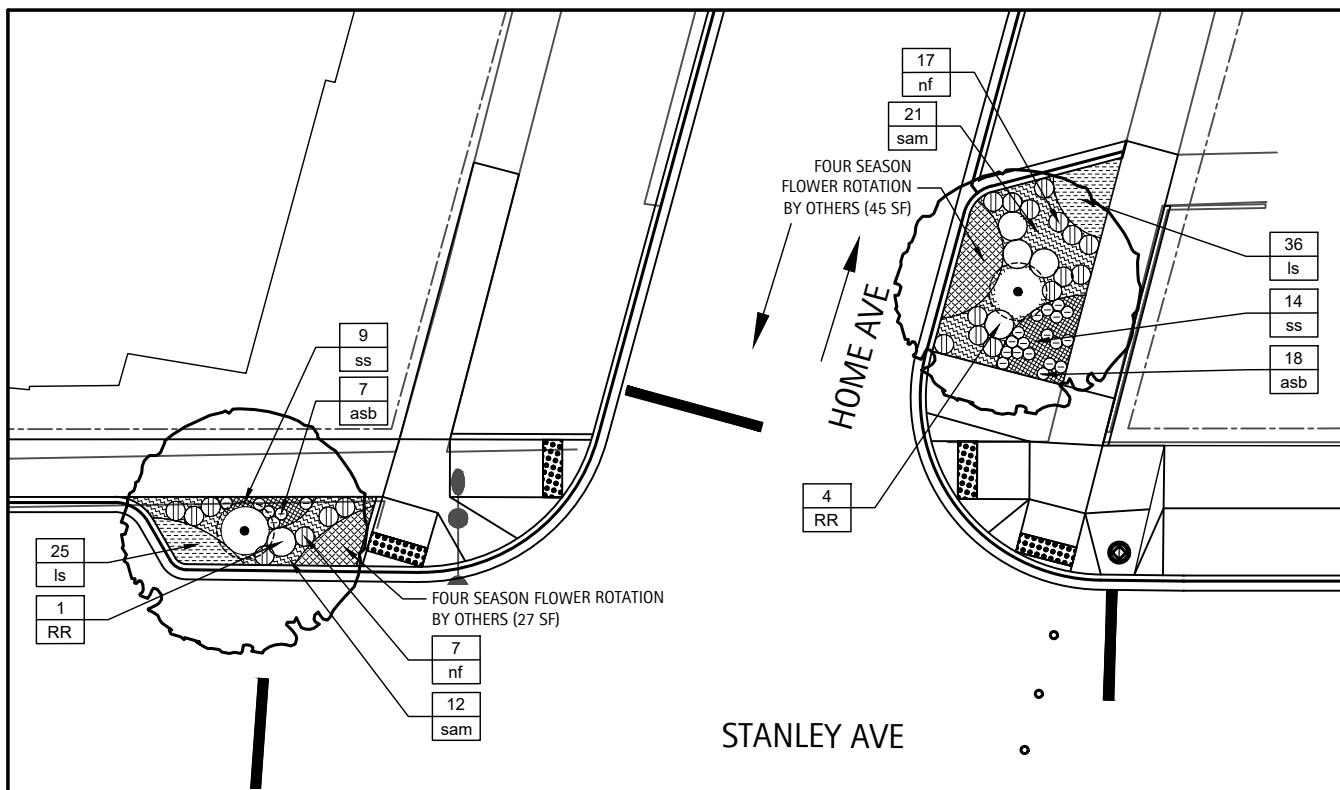


USER NAME -	DESIGNED -	REVISED -
DRAWN - TM	CHECKED - DS	REVISED -
PLOT SCALE -	DATE - 05-06-2021	REVISED -
PLOT DATE - 05-06-2021		

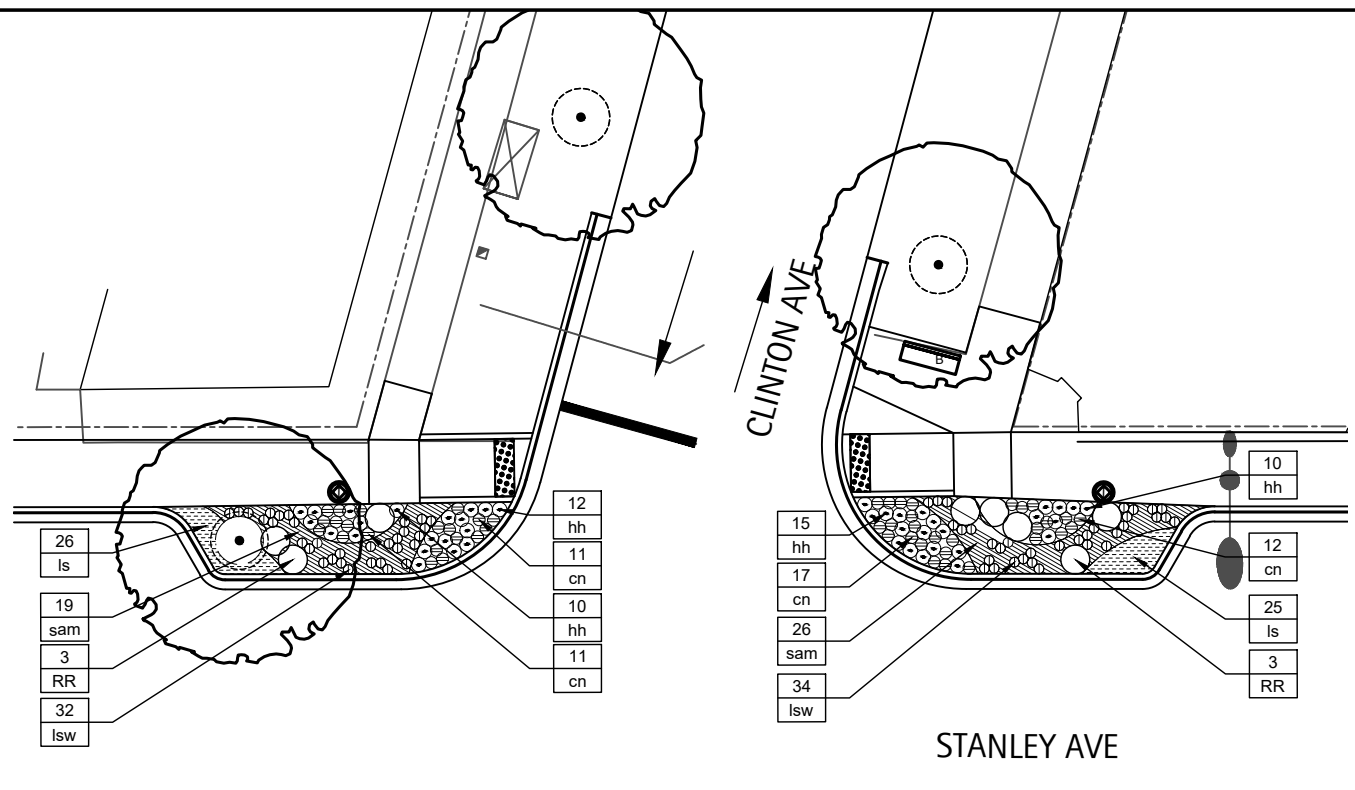
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE ENLARGEMENTS
SCALE: SHEET 7 OF 29 SHEETS STA. TO STA.

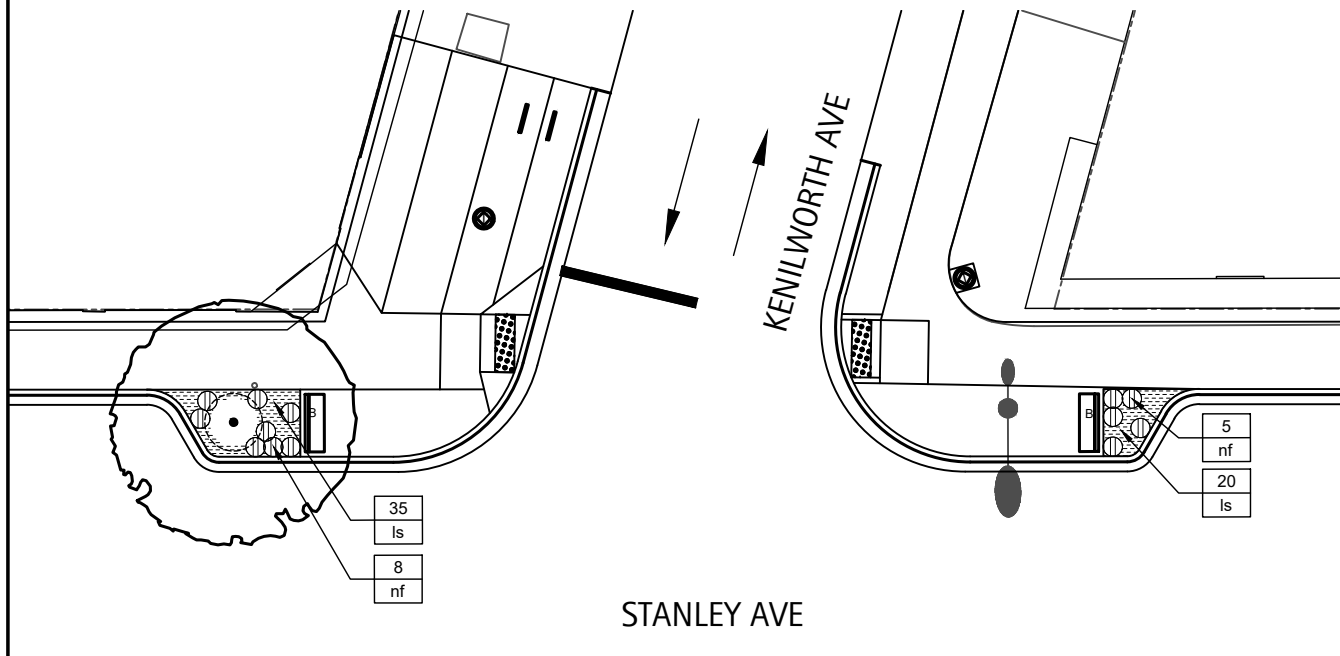
F.A. RTE. 1036	COUNTY 13-00170-00-RS	TOTAL SHEETS 553	SHEET NO. 483
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	



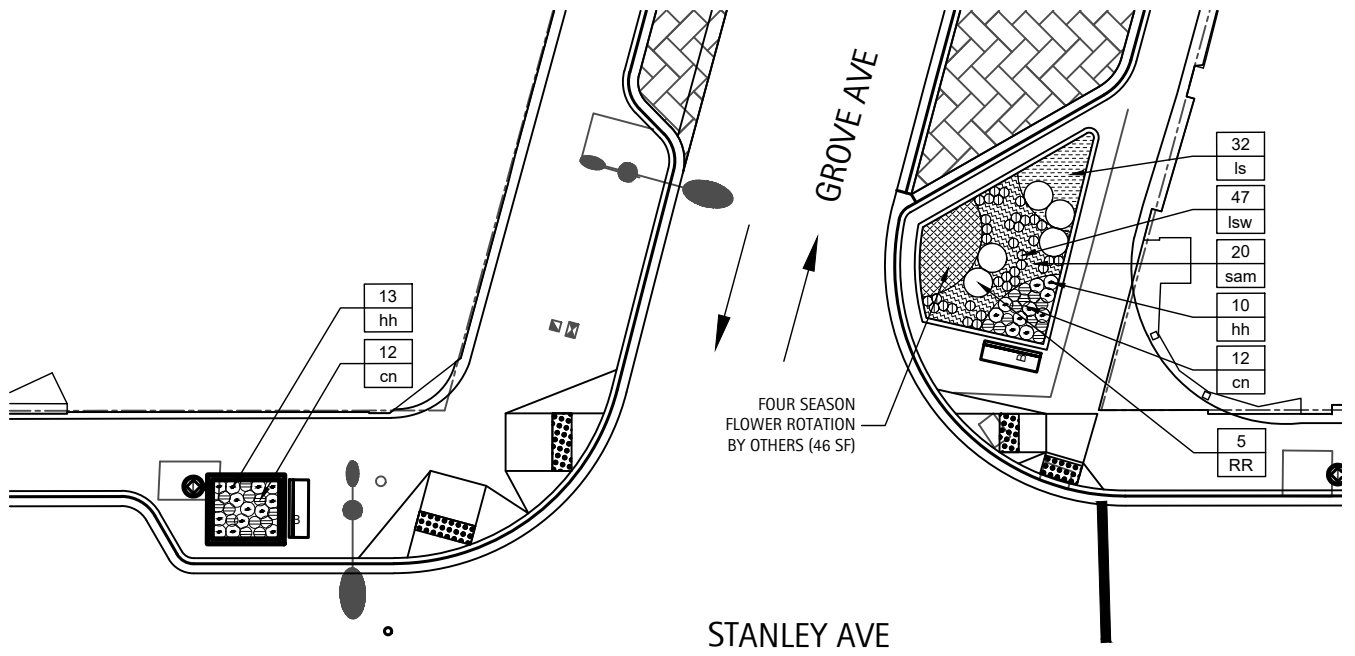
1 STANLEY AVENUE PLANTING ENLARGEMENT - E
SCALE: 1" = 20'-0"



2 STANLEY AVENUE PLANTING ENLARGEMENT - F
SCALE: 1" = 20'-0"

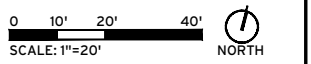


3 STANLEY AVENUE PLANTING ENLARGEMENT - G
SCALE: 1" = 20'-0"



4 STANLEY AVENUE PLANTING ENLARGEMENT - H
SCALE: 1" = 20'-0"

NOTE:
1. See Sheet 23 for the Planting Schedule.

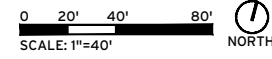


USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

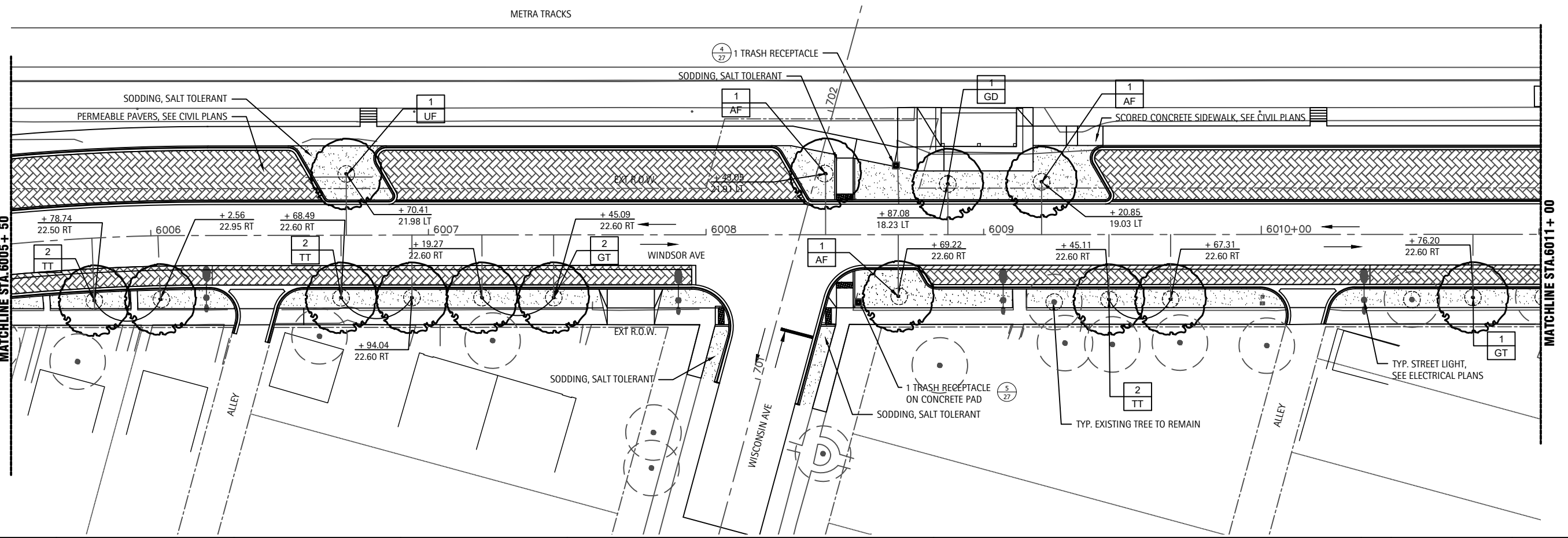
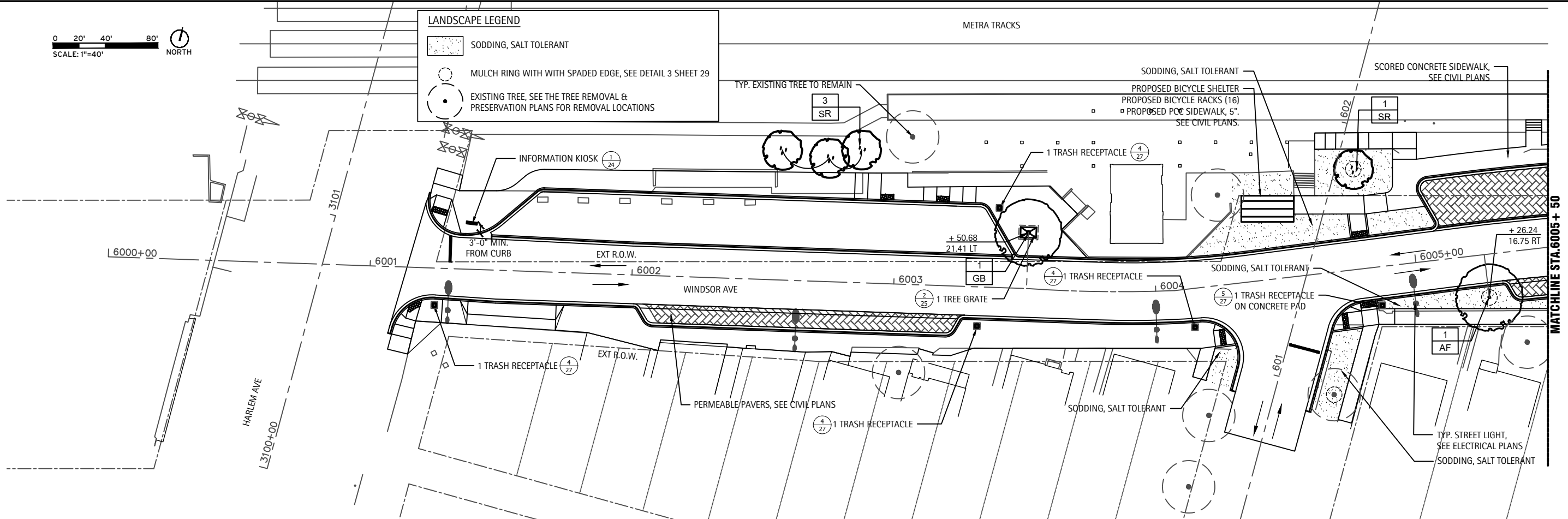
BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
STANLEY AVENUE LANDSCAPE ENLARGEMENTS
SCALE: SHEET 8 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	COUNTY 13-00170-00-RS	TOTAL SHEETS 553	SHEET NO. 484
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	



LANDSCAPE LEGEND

- SODDING, SALT TOLERANT
- MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

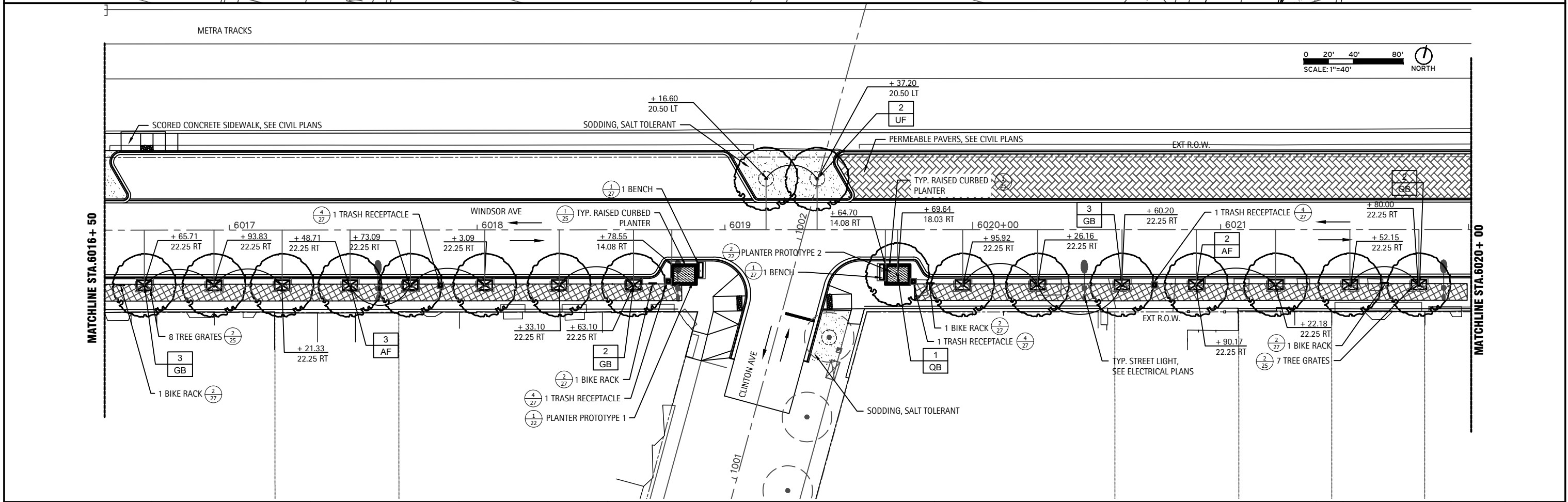
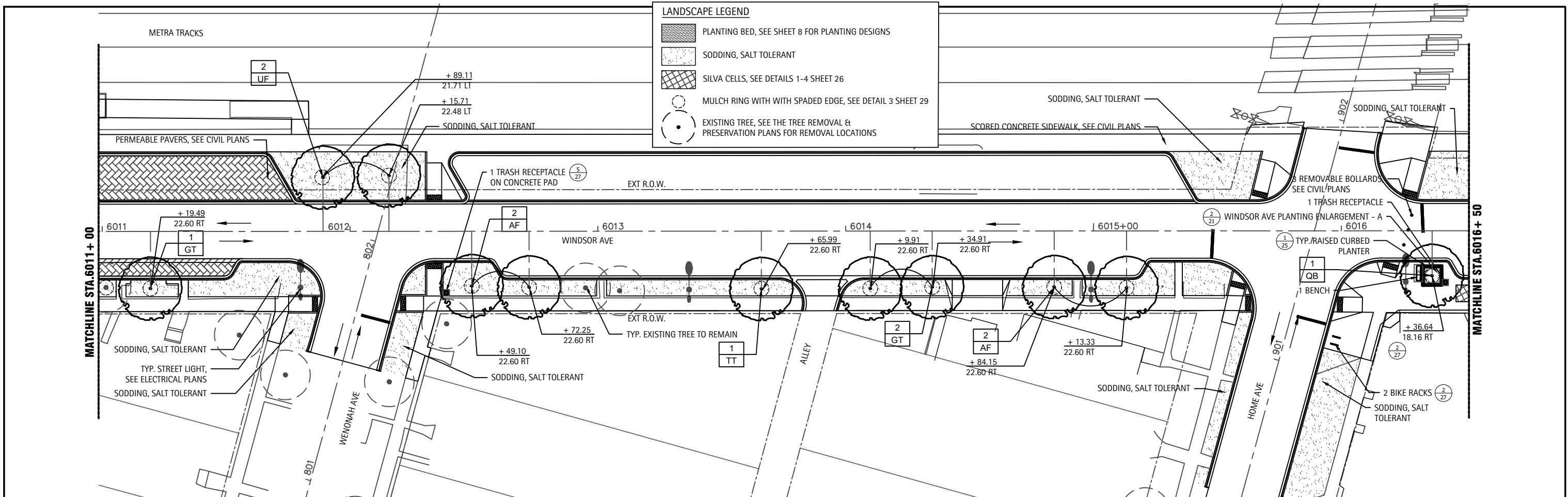
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 485
CONTRACT NO. 61H24			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 9 OF 29 SHEETS STA. TO STA.

LANDSCAPE LEGEND

- PLANTING BED, SEE SHEET 8 FOR PLANTING DESIGNS
- SODDING, SALT TOLERANT
- SILVA CELLS, SEE DETAILS 1-4 SHEET 26
- MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

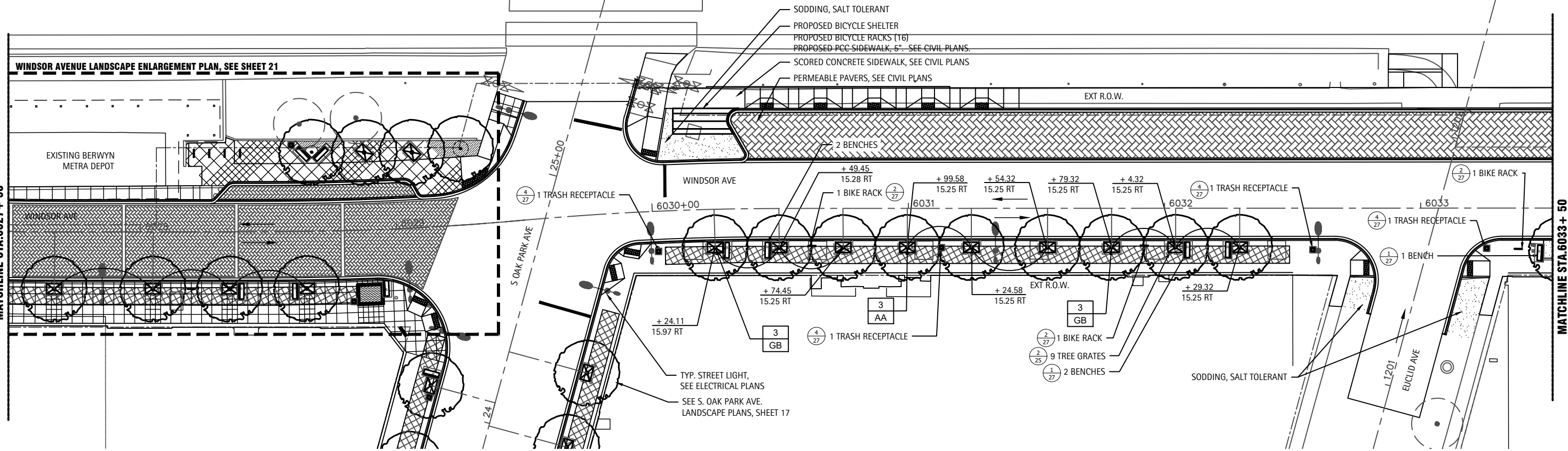
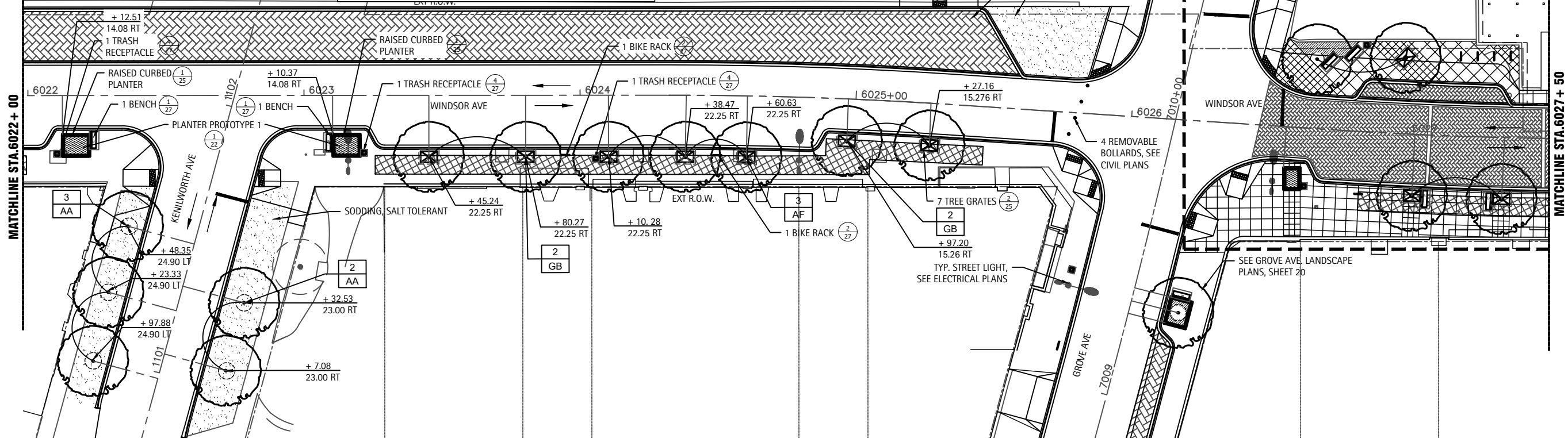
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS

SCALE: SHEET 10 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 486
		CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT

LANDSCAPE LEGEND

	PLANTING BED, SEE SHEET 8 FOR PLANTING DESIGNS
	SODDING, SALT TOLERANT
	SILVA CELLS, SEE DETAILS 1-4 SHEET 26
	MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
	EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS

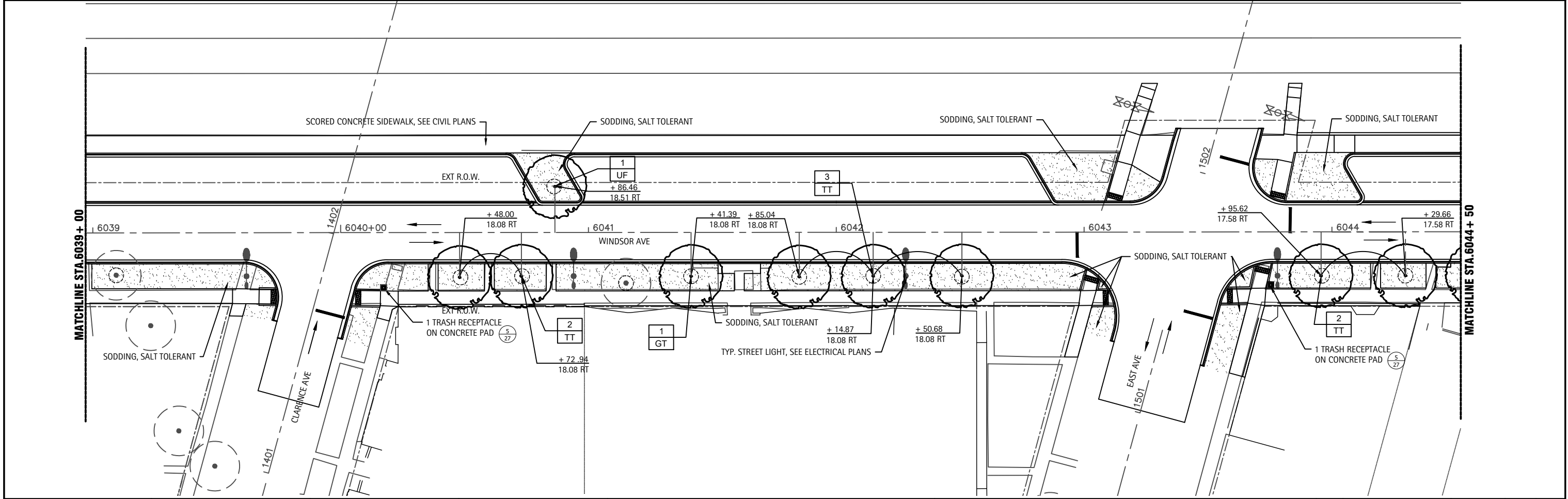
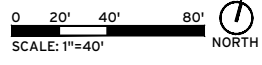
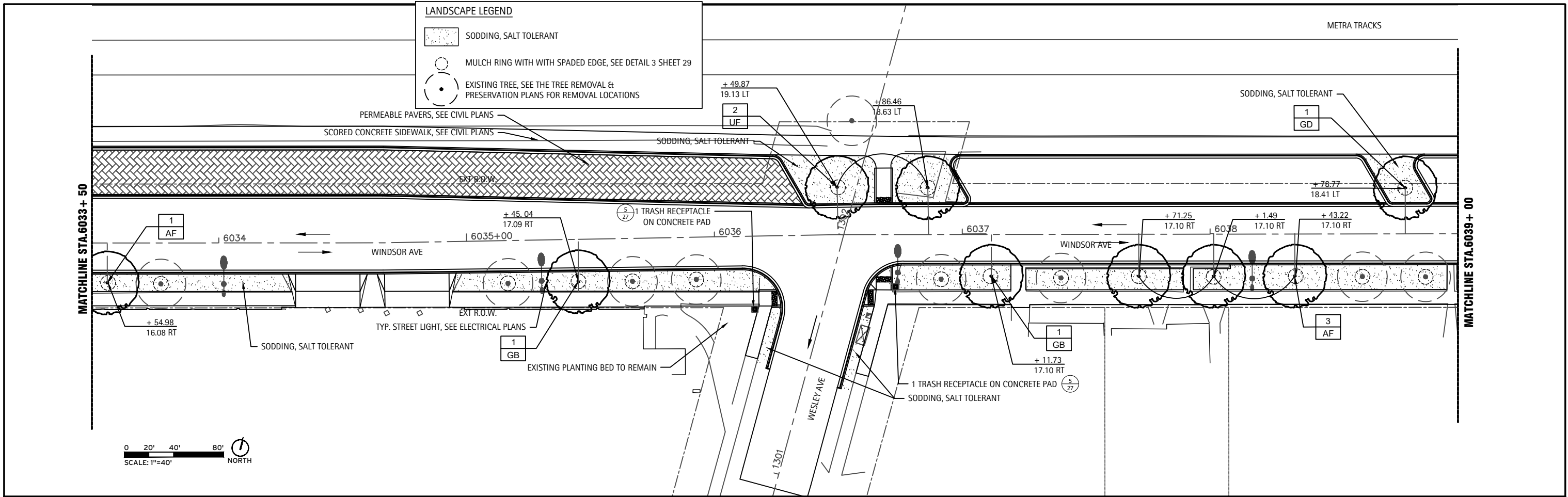


USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS
SCALE: SHEET 11 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 487
ILLINOIS FED. AID PROJECT				



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 05-06-2021	CHECKED - DS	REVISED -
	DATE - 05-06-2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS

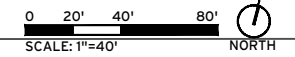
SCALE: SHEET 12 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 488
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

METRA TRACKS

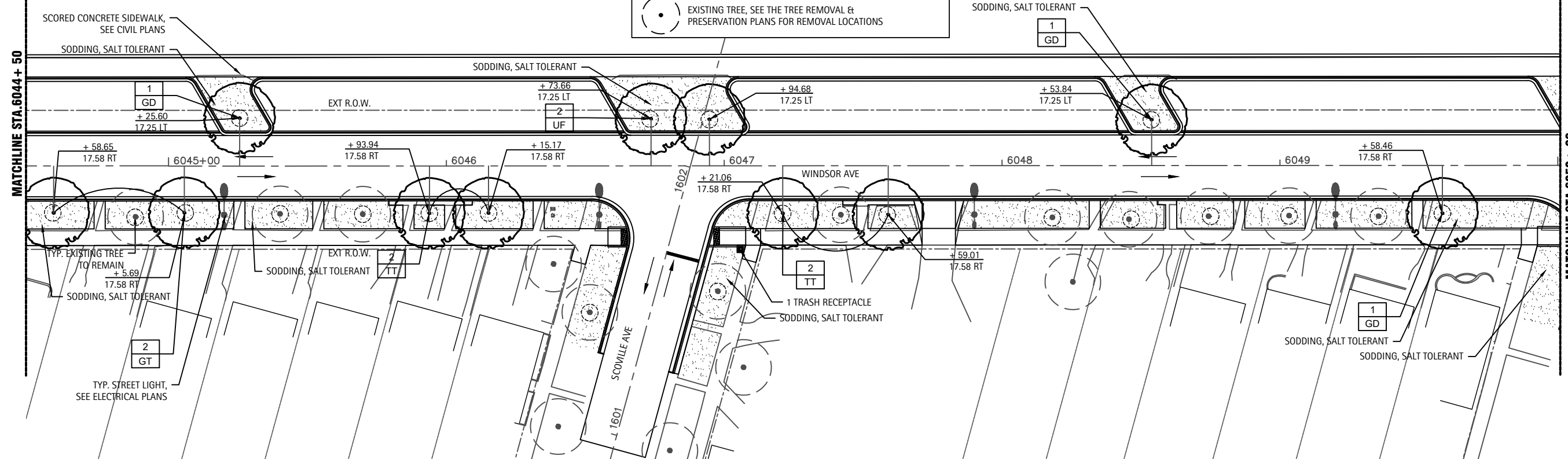
LANDSCAPE LEGEND

- SODDING, SALT TOLERANT
- MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



MATCHLINE STA. 6044 + 50

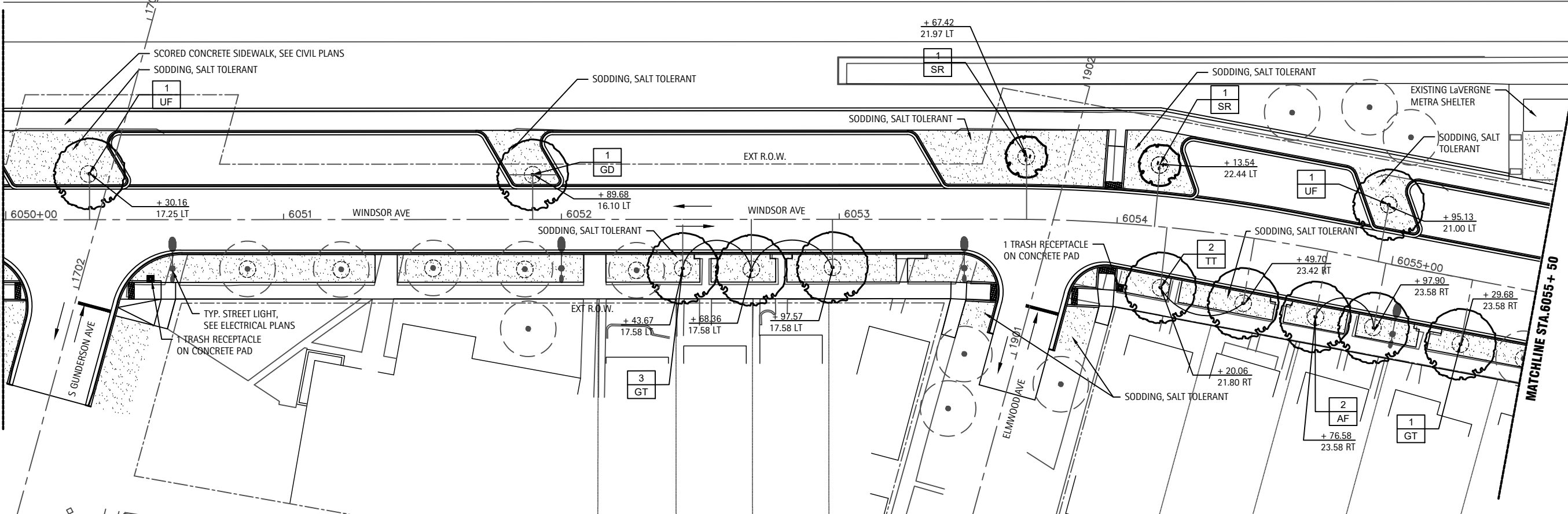
MATCHLINE STA. 6050 + 00



METRA TRACKS

MATCHLINE STA. 6050 + 00

MATCHLINE STA. 6055 + 50



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

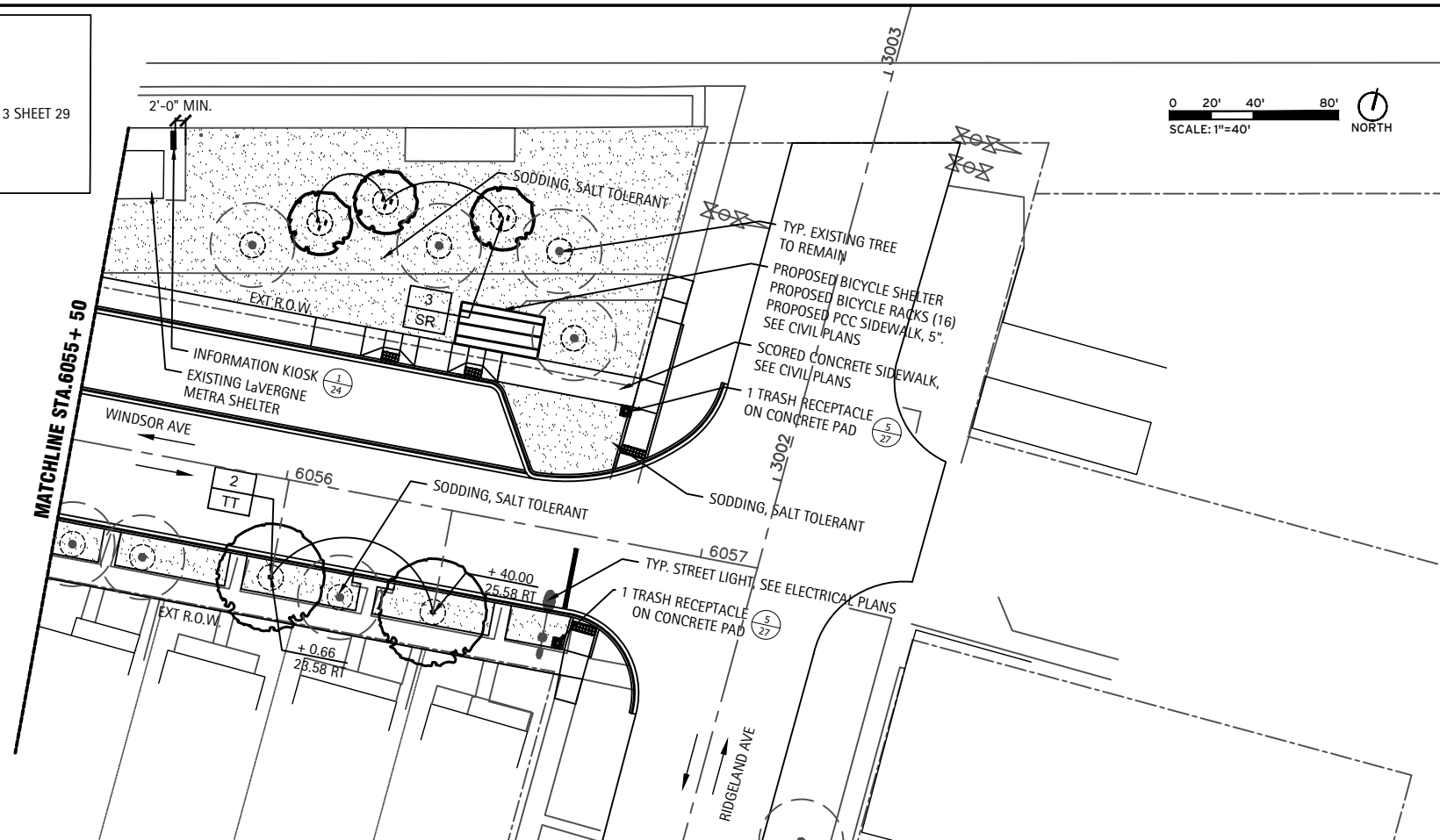
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	553	489
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	

FILES

LANDSCAPE LEGEND

	SODDING, SALT TOLERANT
	MULCH RING WITH WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
	EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



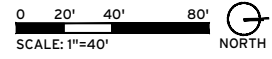
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PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE PLANS

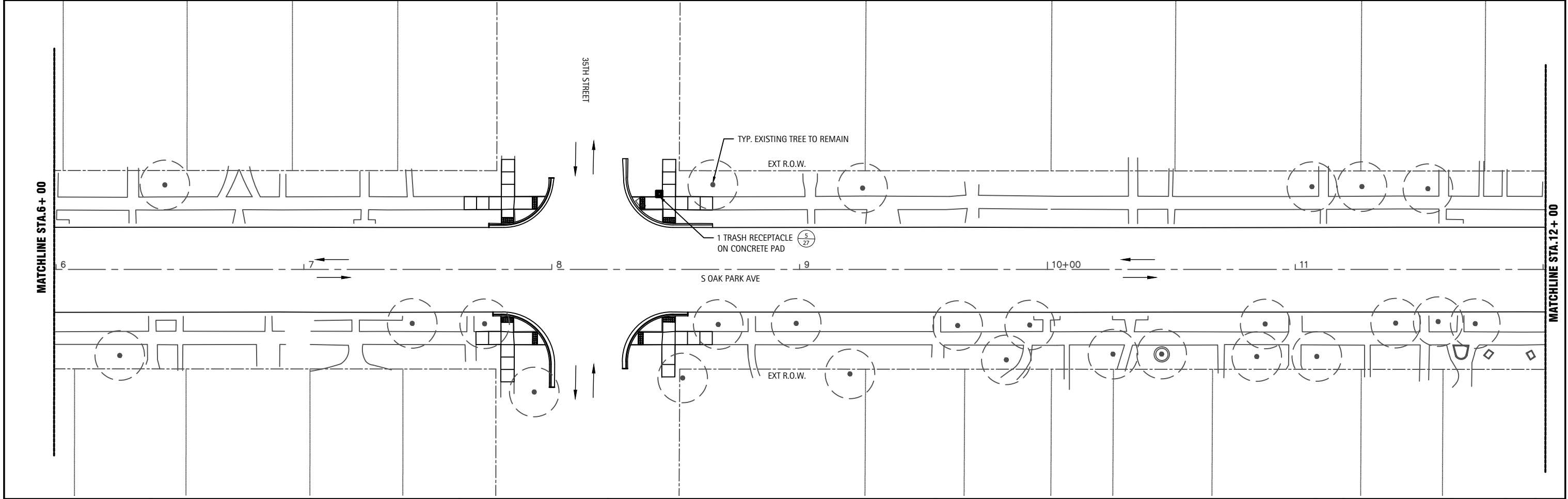
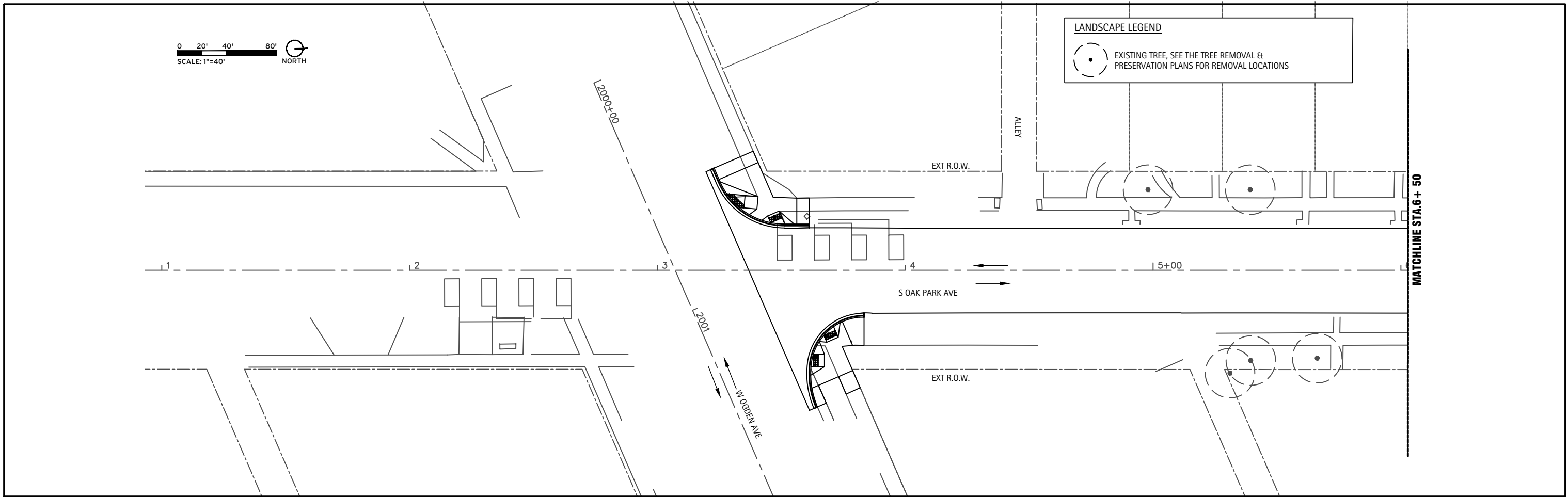
SCALE: SHEET 14 OF 29 SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	COOK	553	470
13-00170-00-RS		CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT			



LANDSCAPE LEGEND

EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

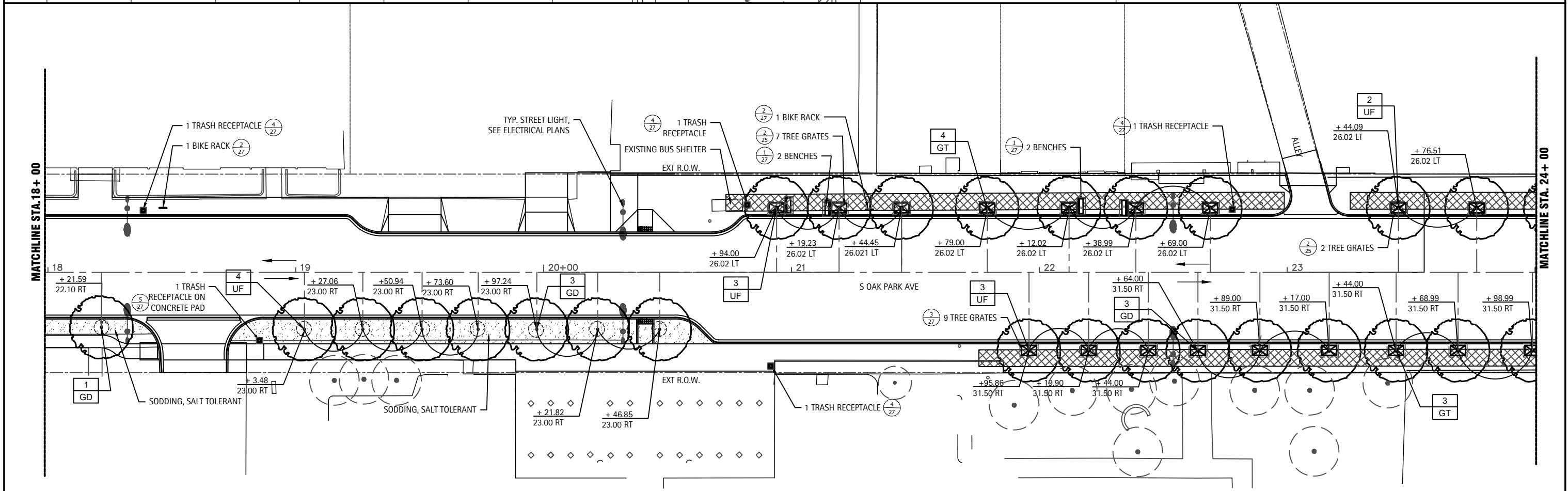
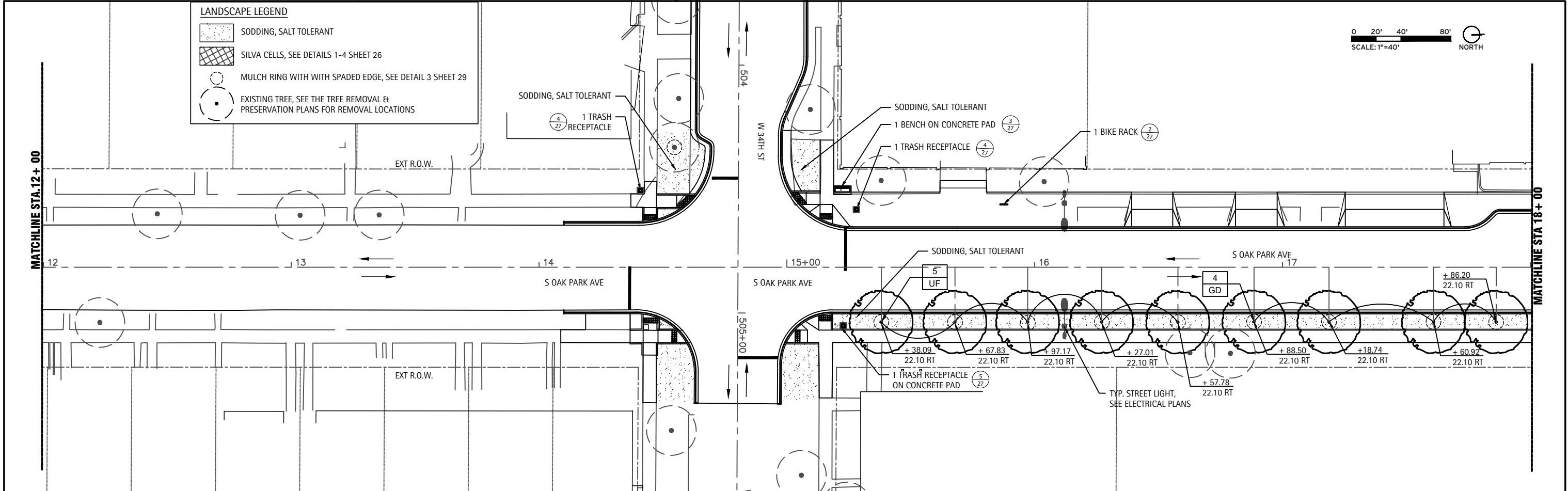
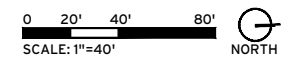
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
OAK PARK AVENUE LANDSCAPE PLANS

SCALE: SHEET 15 OF 29 SHEETS STA. TO STA.

F.A. RTE. 1036	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 471
13-00170-00-RS		CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT			

LANDSCAPE LEGEND

- SODDING, SALT TOLERANT
- SILVA CELLS, SEE DETAILS 1-4 SHEET 26
- MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
- EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

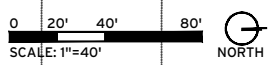
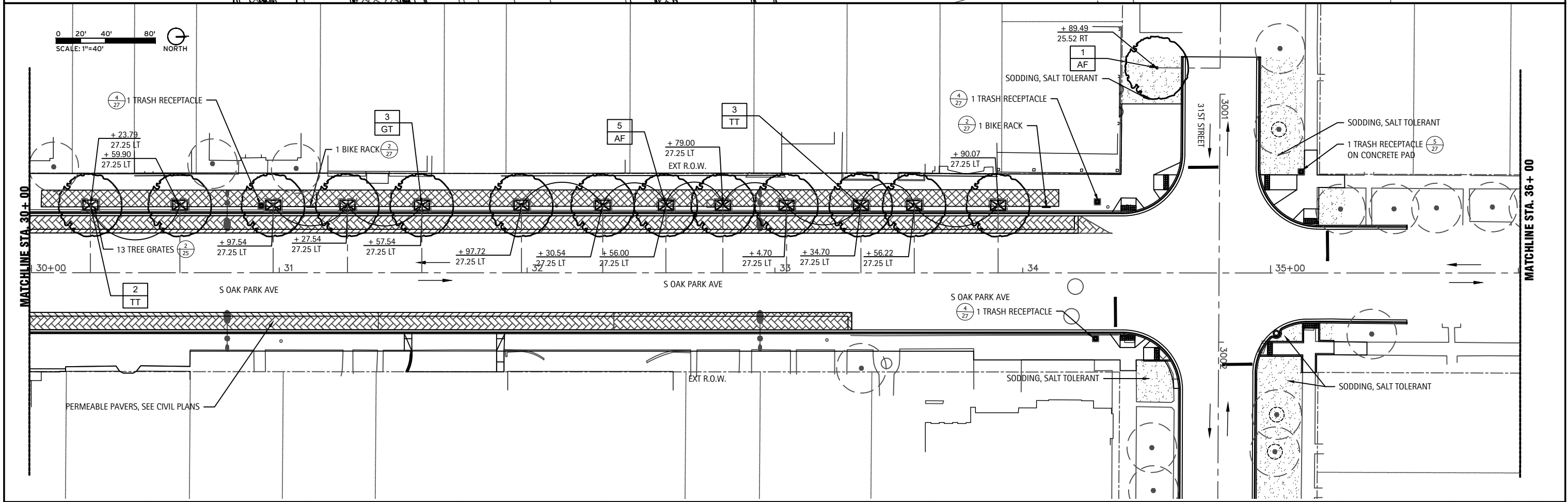
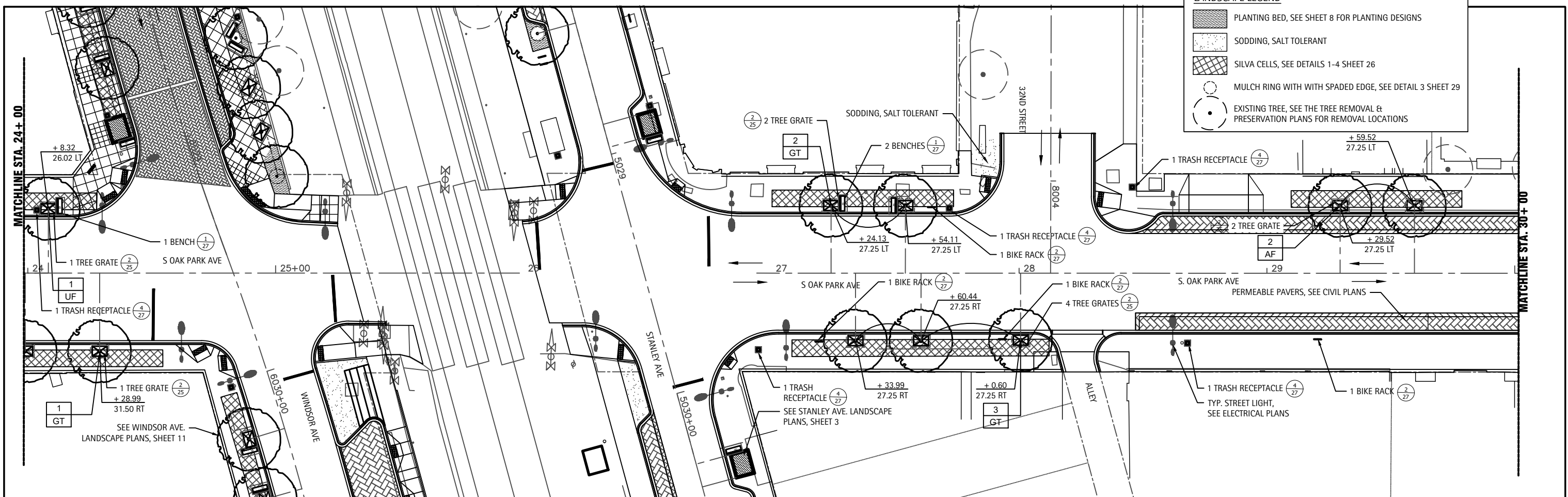
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
OAK PARK AVENUE LANDSCAPE PLANS

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	553	472
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	

SCALE: SHEET 16 OF 29 SHEETS STA. TO STA.

LANDSCAPE LEGEND	
	PLANTING BED, SEE SHEET 8 FOR PLANTING DESIGNS
	SODDING, SALT TOLERANT
	SILVA CELLS, SEE DETAILS 1-4 SHEET 26
	MULCH RING WITH SPADED EDGE, SEE DETAIL 3 SHEET 29
	EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS



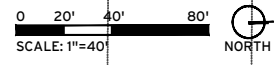
USER NAME -	DESIGNED -	REVISED -
DRAWN - TM	REVISOR -	
CHECKED - DS	REVISOR -	
DATE -	REVISOR -	
PLOT SCALE -		
PLOT DATE - 11-23-2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
OAK PARK AVENUE LANDSCAPE PLANS

SCALE: SHEET 17 OF 29 SHEETS STA. TO STA.

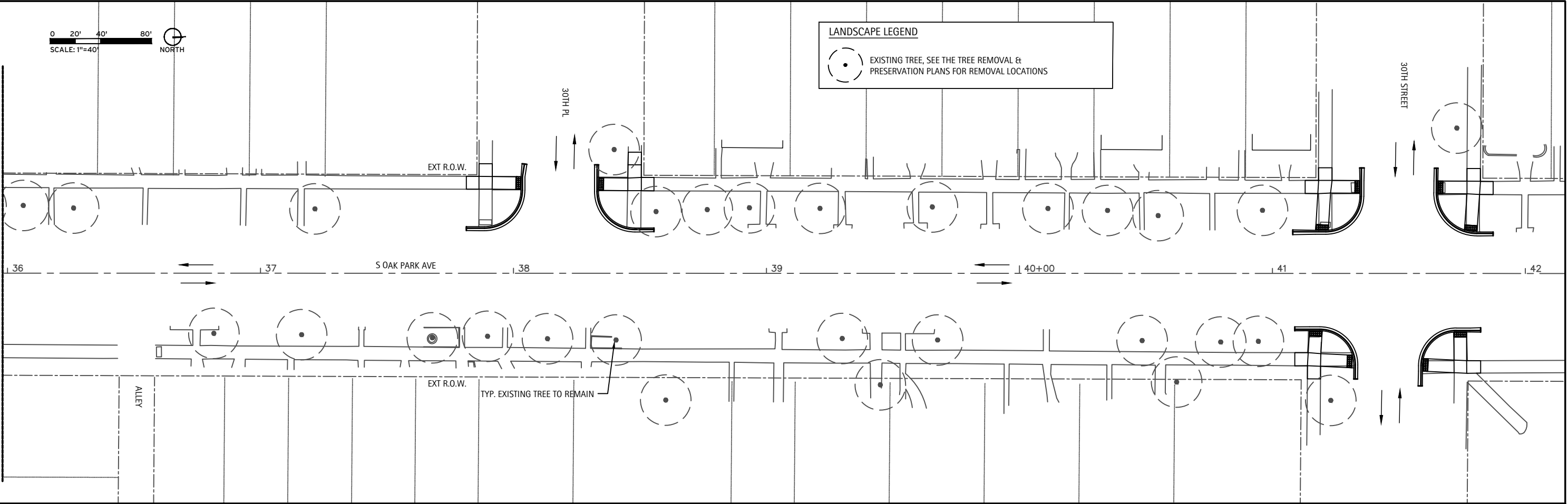
F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 473
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H24	



LANDSCAPE LEGEND

 EXISTING TREE, SEE THE TREE REMOVAL & PRESERVATION PLANS FOR REMOVAL LOCATIONS

MATCHLINE STA. 36+00



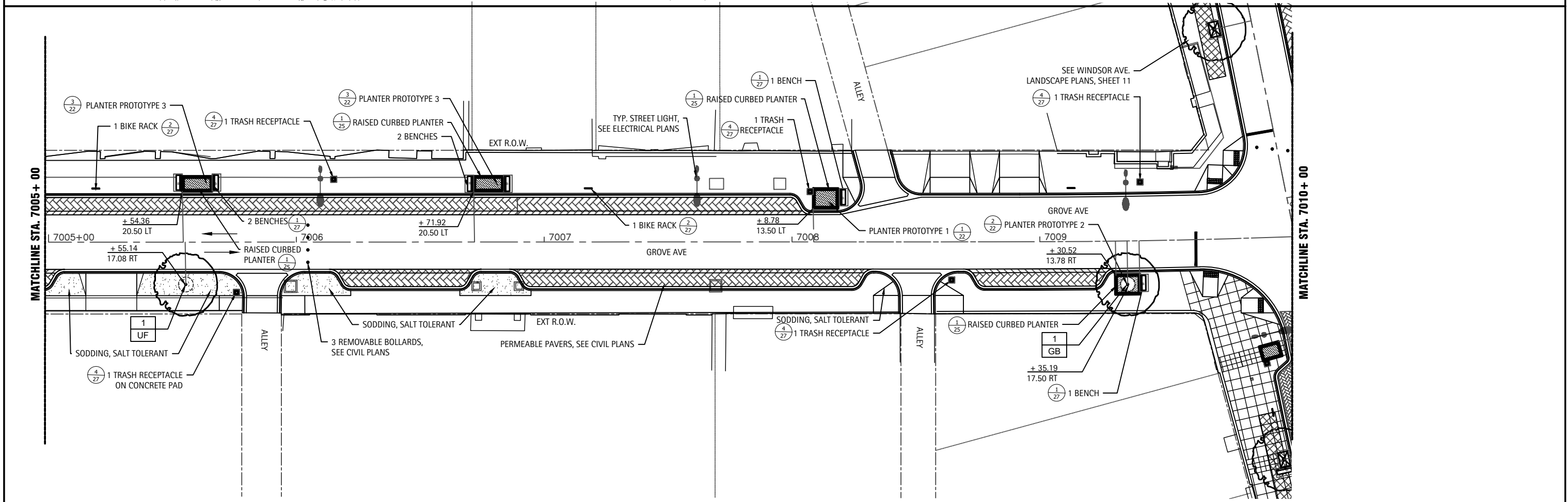
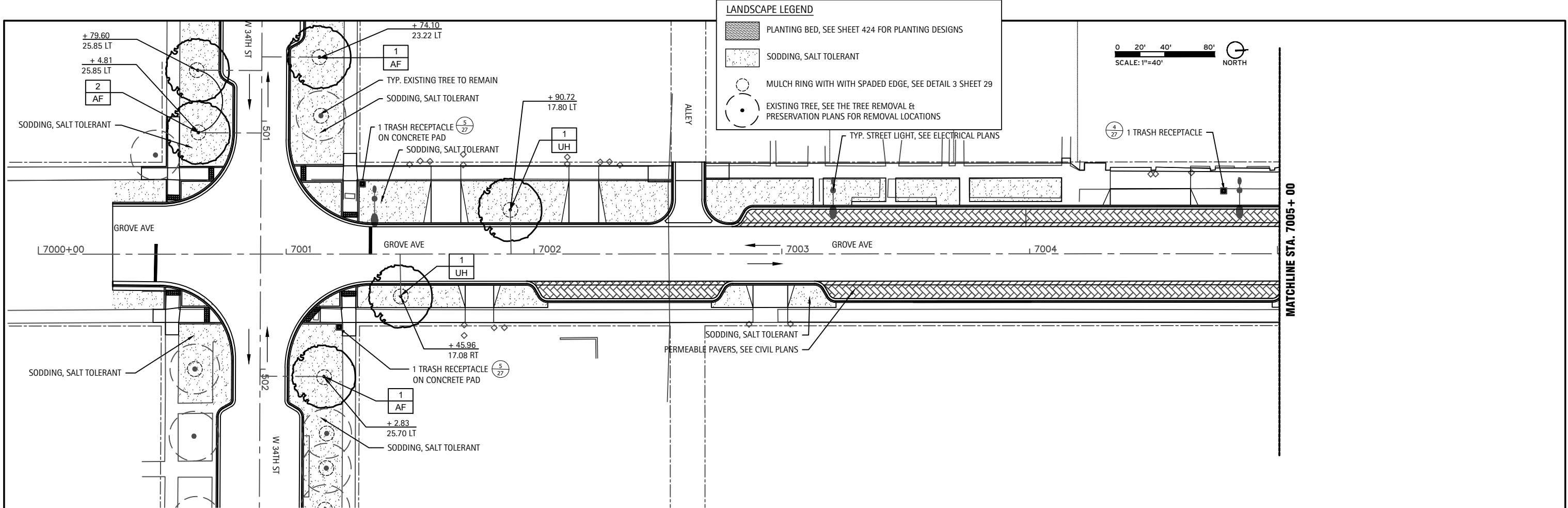
USER NAME -	DESIGNED -	REVISED -
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CHECKED - DS	REVISED -	REVISED -
DATE -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
OAK PARK AVENUE LANDSCAPE PLANS

SCALE: SHEET 18 OF 29 SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	COOK	553	474
13-00170-00-RS		CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT			



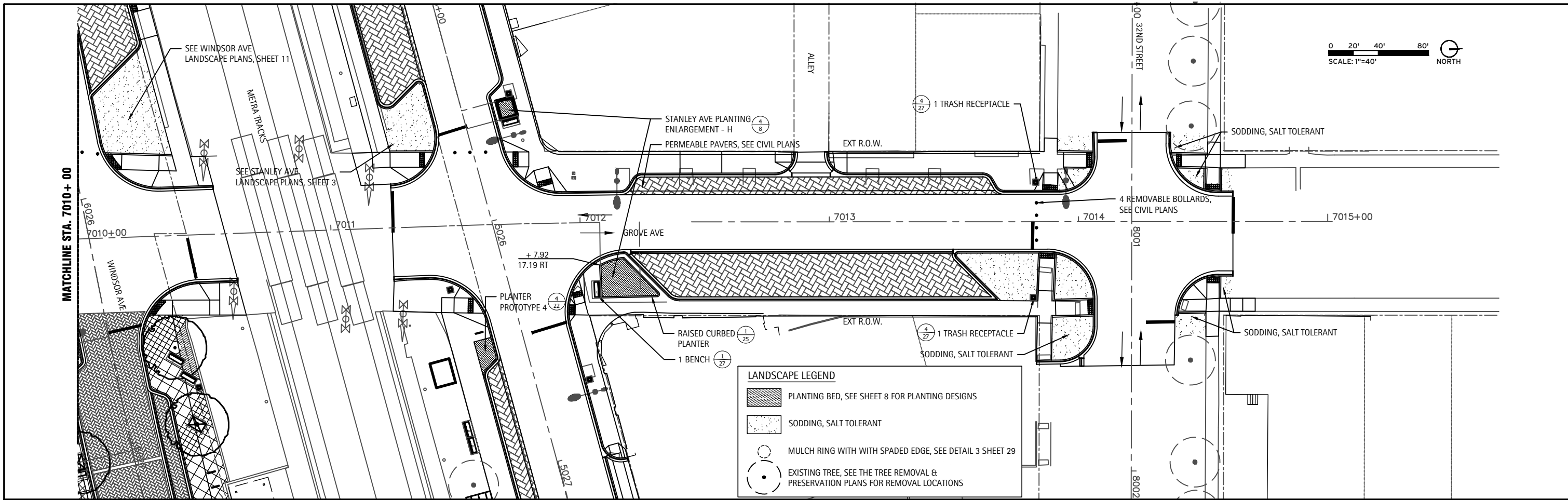
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PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
GROVE AVENUE LANDSCAPE PLANS

SCALE: SHEET 19 OF 29 SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	553	475
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	



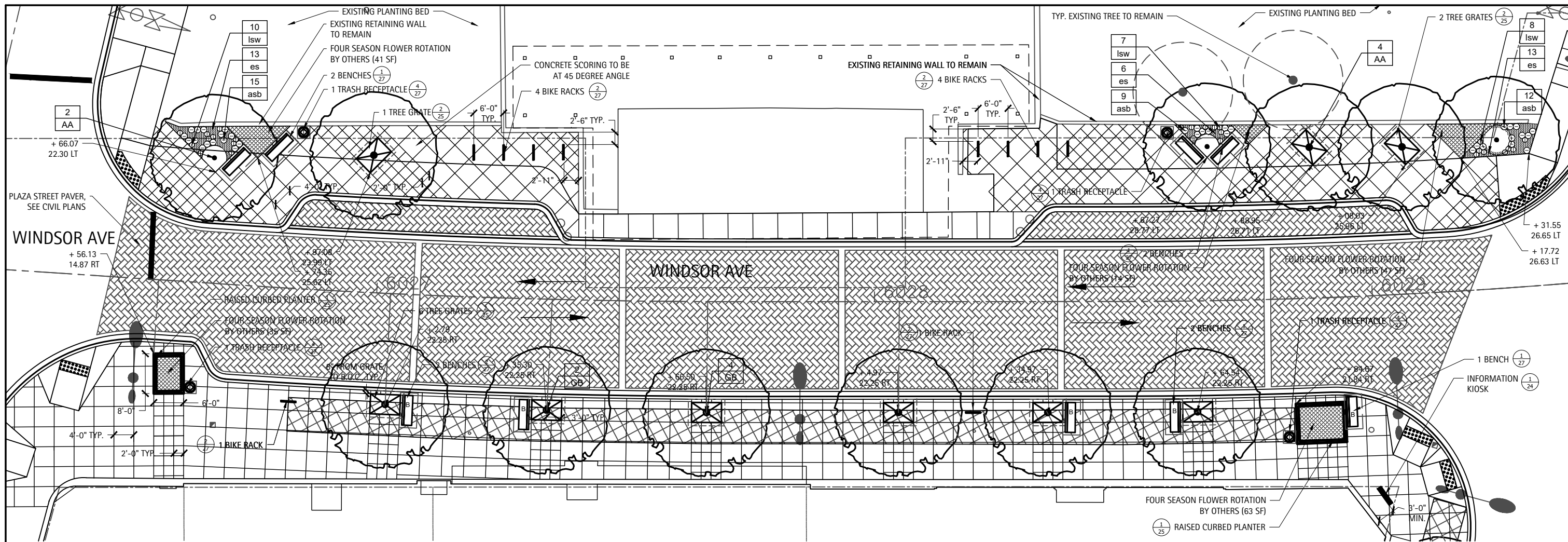
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DRAWN - TM	REVISOR -	
CHECKED - DS	REVISOR -	
DATE -	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
GROVE AVENUE LANDSCAPE PLANS

SCALE: SHEET 20 OF 29 SHEETS STA. TO STA.

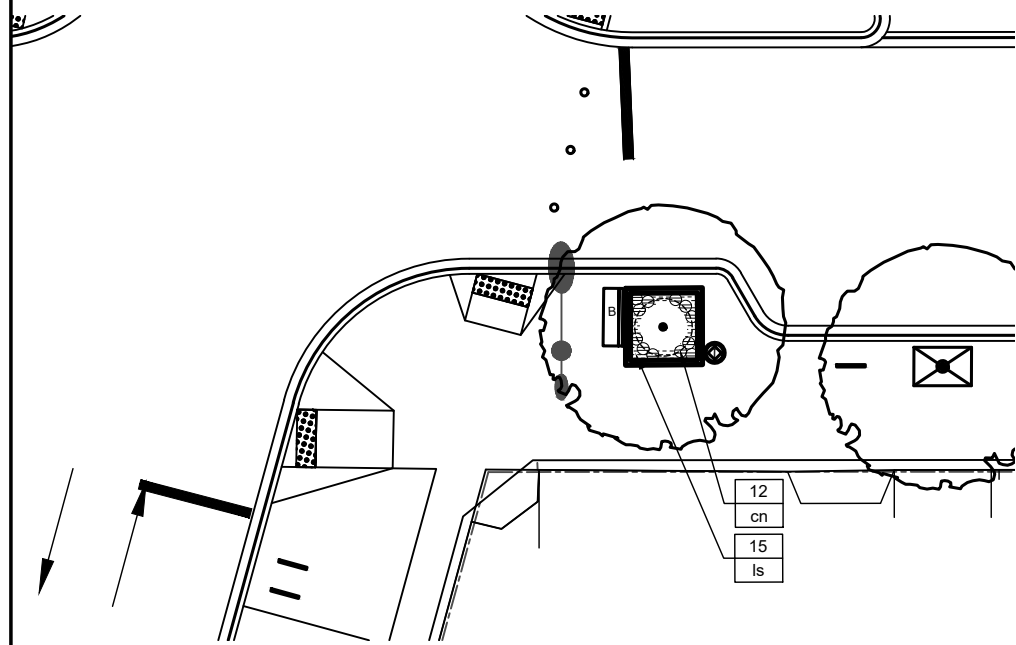
F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 476
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				



1 WINDSOR AVENUE DEPOT ENLARGEMENT
SCALE: 1" = 20'-0"

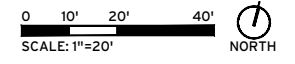
LANDSCAPE LEGEND

SILVA CELLS, SEE DETAILS 1-4 SHEET 26



2 WINDSOR AVENUE PLANTING ENLARGEMENT - A
SCALE: 1" = 20'-0"

NOTE:
1. See Sheet 23 for the Planting Schedule.



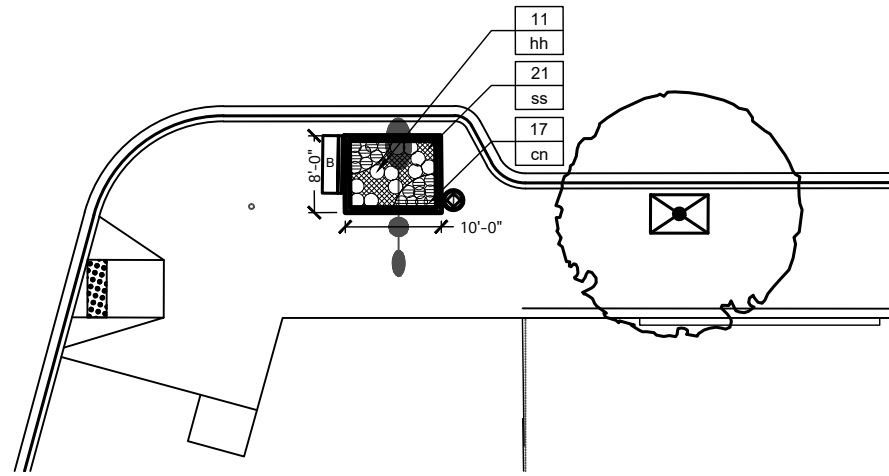
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DRAWN - TM	REVISOR -	
CHECKED - DS	REVISOR -	
DATE -	REVISOR -	
PLOT SCALE -		
PLOT DATE - 11-23-2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

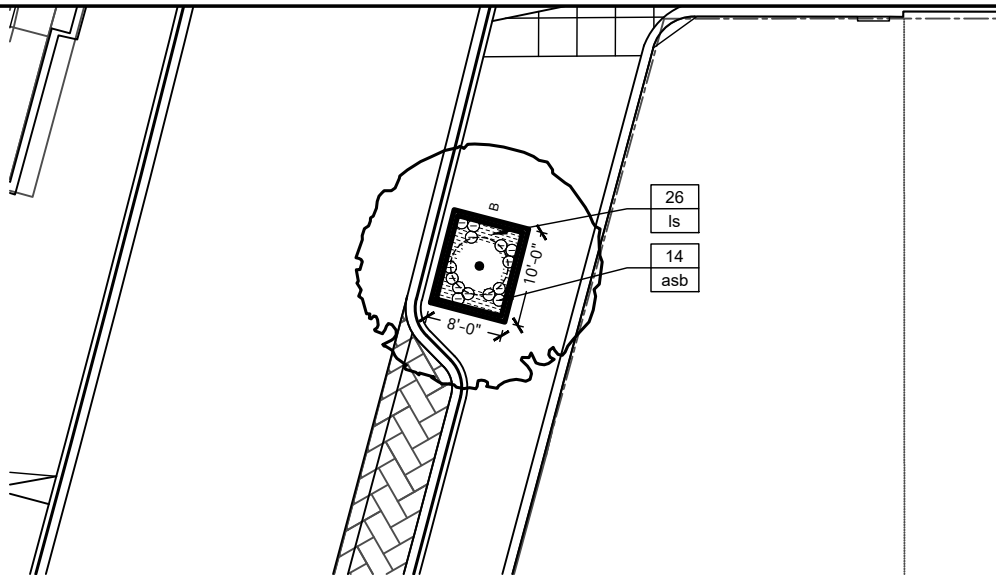
BERWYN DEPOT DISTRICT STREETSCAPE LANDSCAPE PLANS
WINDSOR AVENUE LANDSCAPE ENLARGEMENT PLAN

SCALE: SHEET 21 OF 29 SHEETS STA. TO STA.

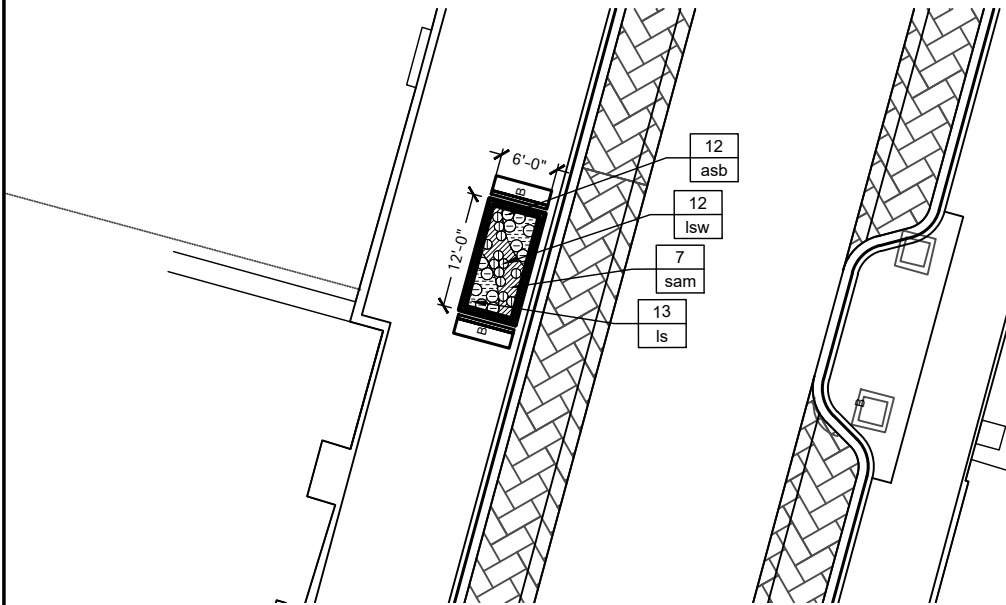
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13-00170-00-RS	CONTRACT NO. 61H24	ILLINOIS FED. AID PROJECT	



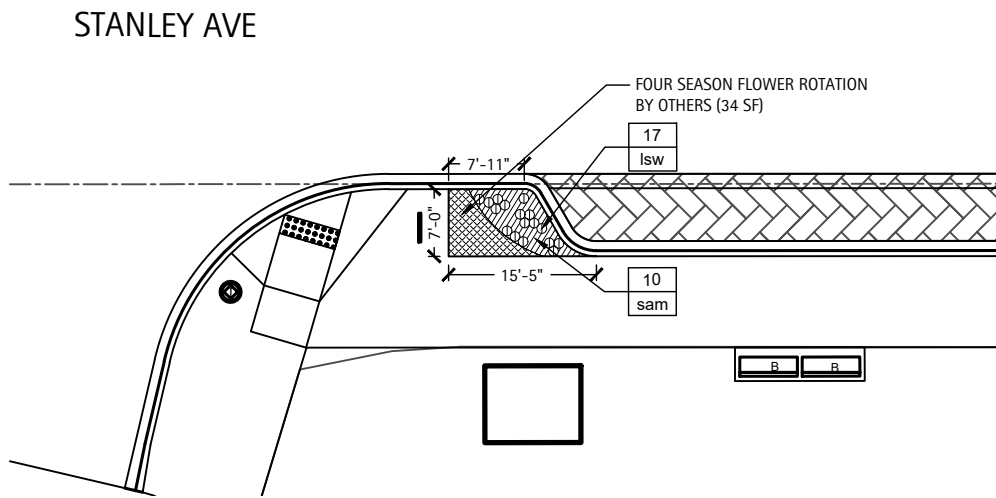
1 PLANTER PROTOTYPE - TYPE 1 (6 TOTAL)
1" = 20'-0"



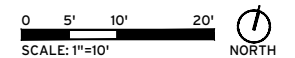
2 PLANTER PROTOTYPE - TYPE 2 (2 TOTAL)
1" = 20'-0"



3 PLANTER PROTOTYPE - TYPE 3 (2 TOTAL)
1" = 20'-0"



4 PLANTER PROTOTYPE - TYPE 4 (2 TOTAL)
1" = 20'-0"



USER NAME -	DESIGNED -	REVISED -
PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

1 PLANT SCHEDULE

SYMBOL	QTY.	BOTANIC NAME	COMMON NAME	SIZE	SPACING
DECIDUOUS TREES					
AA	26	Acer rubrum 'Armstrong'	Armstrong Freeman Maple	2.5" caliper, B&B	As shown
AF	37	Acer saccharum 'Bailsta'	Fall Fiesta Maple	2" caliper, B&B	As shown
GB	30	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2.5" caliper, B&B	As shown
GD	24	Gymnocladus dioicus	Kentucky Coffeetree	2.5" caliper, B&B	As shown
GT	31	Gleditsia triacanthos 'Skyline'	Skyline Thornless Common Honeylocust	2.5" caliper, B&B	As shown
QB	2	Quercus bicolor	Swamp White Oak	2" caliper, B&B	As shown
UF	45	Ulmus parvifolia 'Frontier'	Frontier Chinese Elm	2.5" caliper, B&B	As shown
UH	8	Ulmus carpinifolia 'Homestead'	Homestead Elm	2.5" caliper, B&B	As shown
TT	27	Tilia tomentosa	Silver Linden	2.5" caliper, B&B	As shown
ORNAMENTAL TREES					
SR	9	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Lilac	2.5" cal., B&B	As shown
SHRUBS					
RR	33	Rosa rugosa 'Frau Dagmar Hastrup'	Frau Dagmar Hastrup Rugosa Rosa	5 gallon pot, cont.	As shown
PERENNIALS, ORNAMENTAL GRASSES					
asb	171	Allium 'Summer Beauty'	Summer Beauty Onion	gallon pot, cont.	18" o.c. spacing
cn	254	Calamintha nepeta	Lesser Calamint	gallon pot, cont.	12" o.c. spacing
hh	209	Hemerocallis 'Happy Returns'	Happy Returns Daylily	gallon pot, cont.	18" o.c. spacing
lsw	288	Liatris spicata 'Floristan White'	White Gayfeather	gallon pot, cont.	12" o.c. spacing
nf	121	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	gallon pot, cont.	24" o.c. spacing
sam	246	Sesleria Autumnalis	Autumn Moor Grass	gallon pot, cont.	22" o.c. spacing
ss	238	Schizachyrium scoparium	Little Bluestem	gallon pot, cont.	12" o.c. spacing
GROUND COVER					
ls	456	Liriope spicata	Lilyturf	quart pot, cont.	12" o.c. spacing

2 SITE AMENITY SCHEDULE

DESCRIPTION	MANUFACTURER	CONTACT	MODEL NO.	COLOR/FINISH	NOTES
BIKE RACK	VICTOR STANLEY	ANDREW HOSMER PHONE: 301-855-8300 X 323	BRWS-101	POWDER COAT - BLACK	SURFACE MOUNT PER MANUFACTURERS SPECIFICATION SEE DETAIL, TO HAVE GRAFFITI PROTECTION COATING
TRASH RECEPTACLE	WAUSAU MADE	DOUG HAHN PHONE: 888-337-6729	MF3214	POWDER COAT - 8 BLACK	SURFACE MOUNT, TO HAVE GRAFFITI PROTECTION COATING
TREE GRATE + FRAME	NEENAH FOUNDRY	MARK LACHAPELL PHONE: 920-729-3892	R-8815	CAST IRON	SEE DETAIL, TO HAVE GRAFFITI PROTECTION COATING, GRATE TO READ "CITY OF BERWYN"
FLAT-STEEL BENCH WITH BACK AND CENTER ARM	WAUSAU MADE	DOUG HAHN PHONE: 888-337-6729	MF2204 - 72" SLOTTED BENCH W/BACK, W/ CENTER ARM	POWDER COAT - 8 BLACK	SURFACE MOUNT, TO HAVE GRAFFITI PROTECTION COATING
LED INFORMATION KIOSK	ALIVE PROMO	PAM WOLFE PHONE: 630-561-7175	SEE DETAIL 1 SHEET 426	SEE DETAIL 1 SHEET 426	MOUNT ON CONCRETE FOUNDATION PER CIVIL DRAWINGS, TO HAVE GRAFFITI PROTECTION COATING

3 GENERAL LANDSCAPE NOTES

GENERAL CONDITIONS

- Contractor shall familiarize themselves with all landscape plans, details, and special provisions prior to commencement of work. Any questions or concerns shall be directed to the Engineer in writing prior to landscape work commencement.
- The Contractor shall keep all areas clean and orderly at all times.
- The Contractor shall keep all roadways and walkways clear of mud and debris that result from landscape operations.

SITE FURNISHINGS

- All site furniture locations, including benches, trash receptacles, bike racks, and information kiosks shall be approved in the field by the Engineer, as coordinated with the City of Berwyn, prior to placement.

SOIL & PLANTING MIX

- See Special Provisions for Soil and Planting Mix information

DECIDUOUS TREE PLANTING NOTES

- All pruning must be done after planting, and at the direction of the Engineer or City of Berwyn forester. Root collar shall be set so that after soil settles, the top of the root ball shall be at the same elevation as finished grade.
- Final root ball elevation and planter bed grading as directed by Engineer. When soil conditions are encountered with poor drainage, Contractor shall notify Engineer. Contractor shall elaborate and prepare recommendations for solution to problem for Engineer approval, as coordinated with the City of Berwyn.

PLANTING STANDARDS

- All plant material shall be top-quality grade, free of defects, and meet accepted horticultural standards established by the American Nurserymen's Association (AAN) and as deemed appropriate by the Engineer. The Engineer shall have the right to reject any, and all, plant material delivered to the site that does not meet acceptable standards.

- The Engineer shall approve all plant materials for quality, condition and specified sizes. Plant material shall be approved at nursery location, during tagging or before removal and transport to job site. Shrubs, perennials and groundcovers shall be approved at job site prior to installation.

- Sizes shown on plant schedule are minimum acceptable sizes.

- All plants to be balled-in-burlap or container-grown as specified in plant schedule. All plastic root wrapping material and metal wire baskets shall be removed as described in the planting details.

- The Engineer shall field verify and approve all final staked tree, shrub, and perennial bed locations prior to installation.

- The Contractor shall repair to its original condition any plant material which becomes damaged as a result of landscape operations.

- All perennials shall be planted at least two (2) feet from the tree trunks planted within planting areas.

MAINTENANCE & WARRANTIES

- See Special Provisions for Maintenance and Warranty information.

TREE PROTECTION

- All tree removals shall be tagged, reviewed, and confirmed by the contractor with the Engineer and City of Berwyn forester.

- Install tree protection fencing prior to site work and maintain throughout construction period. No storage of materials, vehicular access or an other construction activities shall be permitted within the tree protection zones. See Civil plans for tree protection limits.

- Maintain existing grade at base of all trees to remain, protect existing trees to remain against any disturbance including unnecessary cutting, breaking, or excavation.

- Keep all areas clean, neat, and orderly at all times. Legally dispose of all materials removed from the site per local codes and regulations.



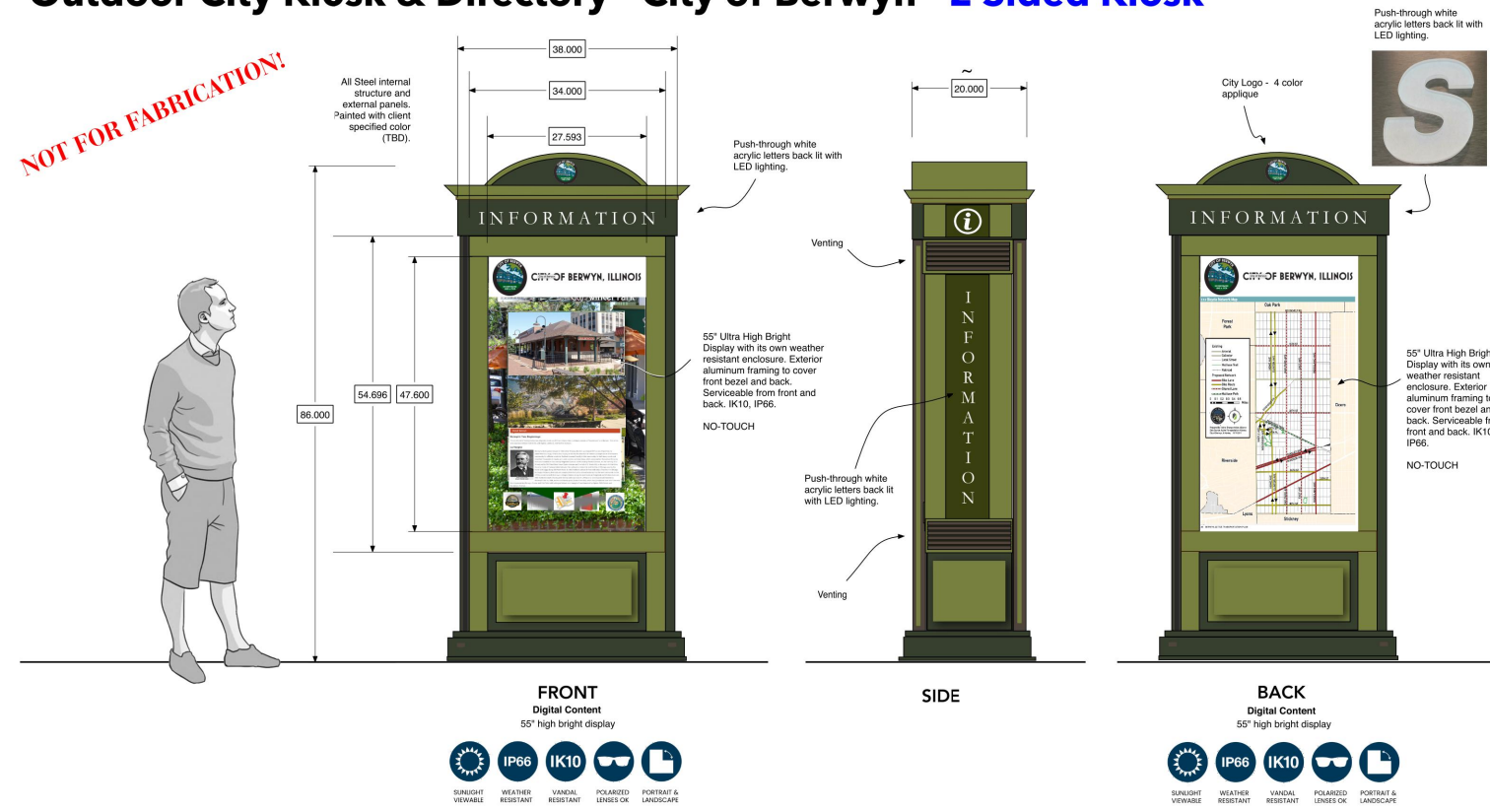
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PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS		F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
PLANT SCHEDULE & NOTES		1036	13-00170-00-RS	553	479
SCALE:	SHEET 23 OF 29 SHEETS	STA.	TO STA.	CONTRACT NO. 61H24	

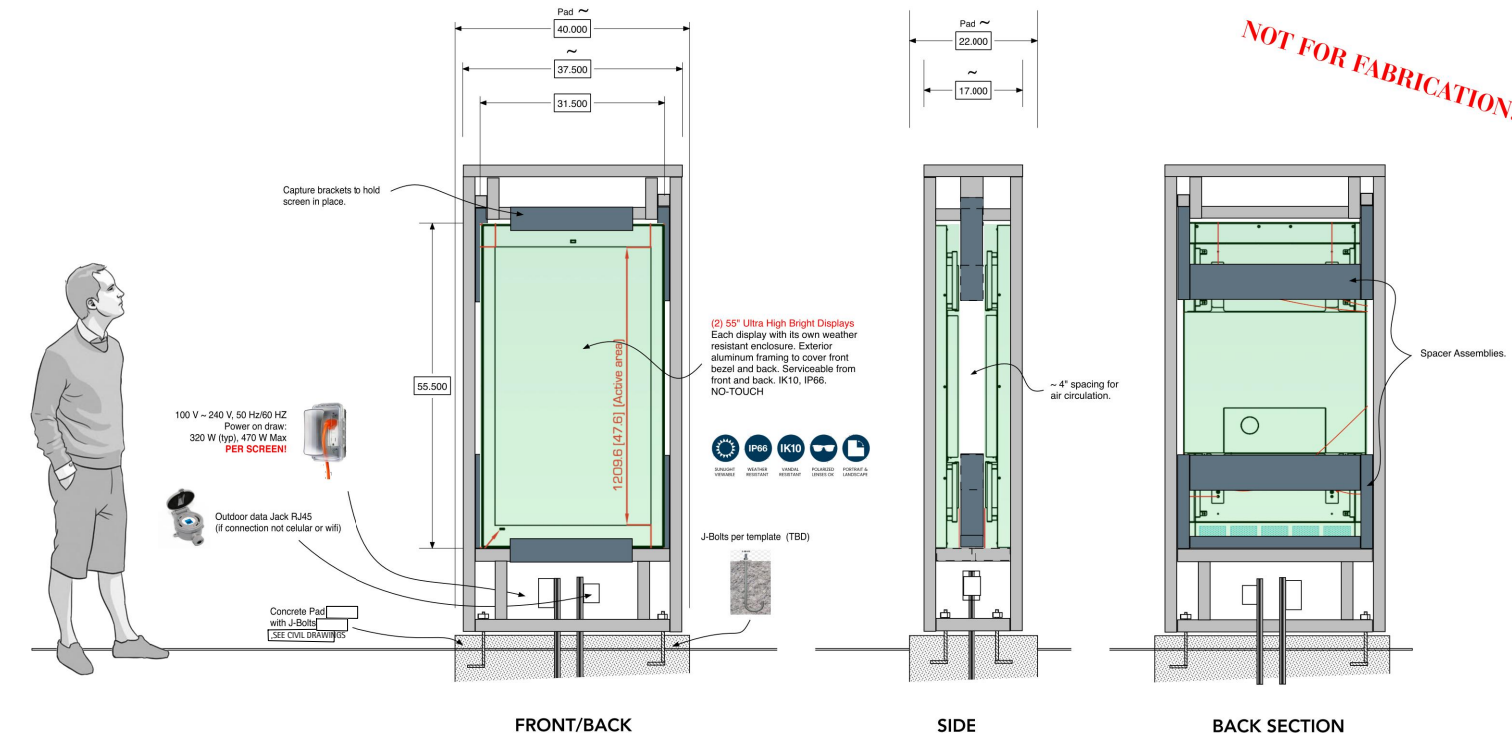
ILLINOIS FED. AID PROJECT	
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Outdoor City Kiosk & Directory - City of Berwyn - 2 Sided Kiosk



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Outdoor City Kiosk & Directory - City of Berwyn - 2 Sided Kiosk



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NOTES:

- There are three (3) Information Kiosk locations. See Sheets 9, 11, and 14 for locations. Final locations to be confirmed in the field with the Engineer, as coordinated with the city of Berwyn.
- Information Kiosk manufacturer to provide technology hardware, outdoor fixture, placement, creative design for template, initial programming, and one remote training session. Kiosk foundation, as well as electrical and data infrastructure, to be part of the larger construction project.
- Refer to Engineering drawings for Information Kiosk foundation structural engineering and detailing.
- Refer to See Engineering drawings for electric and data infrastructure plans, cable runs, and connection detailing.
- Content for display to be coordinated by the Engineer and determined by the City of Berwyn. Monthly subscription required for certain types of information not included.
- Shop Drawings shall be submitted for review and approval by the Engineer, as coordinated with the City of Berwyn. The shop drawings shall include all kiosk elements and construction detailing, including internal structural detailing for the kiosk itself. The shop drawings shall also confirm that the data and electrical connections, concrete footing placement, and mounting detailing have been coordinated per the contract documents.
- Painted finish, two colors, to be coordinated by the Engineer and approved by the City of Berwyn as part of the shop drawing approval process.
- Anti-graffiti coating included, to be coordinated by the Engineer and confirmed by the City of Berwyn as part of the shop drawing approval process.

1 INFORMATION KIOSK SCALE: NTS

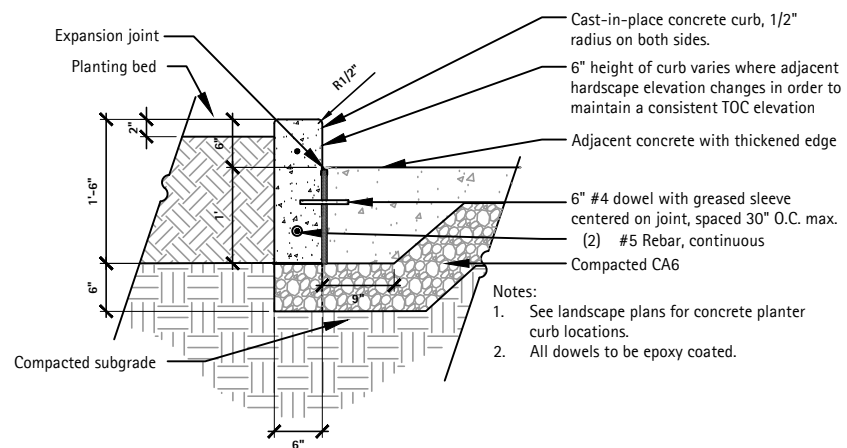


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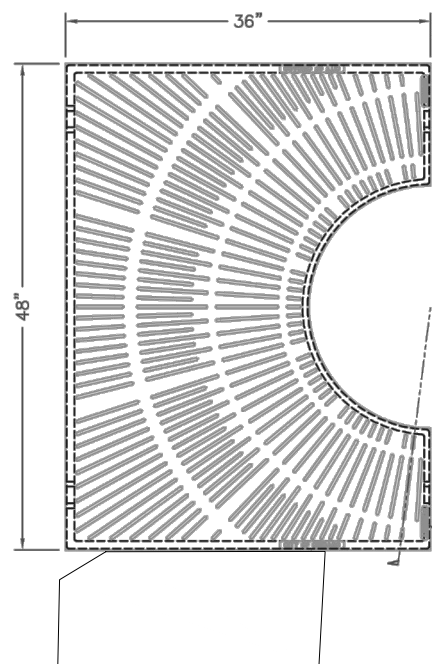
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS	
SITE DETAILS	
SCALE:	SHEET 24 OF 29 SHEETS STA. TO STA.

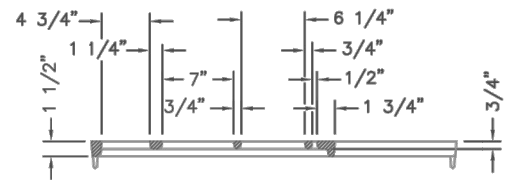
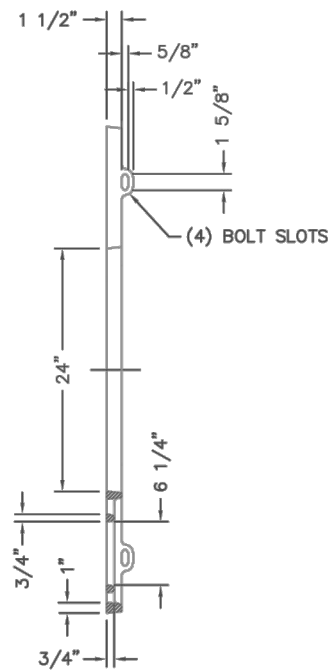
F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 480
CONTRACT NO.61H24				
ILLINOIS FED. AID PROJECT				



1 RAISED CURB PLANTER
SCALE: 1/2" = 1'-0"



3/8" HIGH LETTERS
RAISED FLUSH, LTRD.
"NEENAH" & "FOUNDRY"
TYPICAL TWO PLACES



2 TREE GRATE
SCALE: NTS

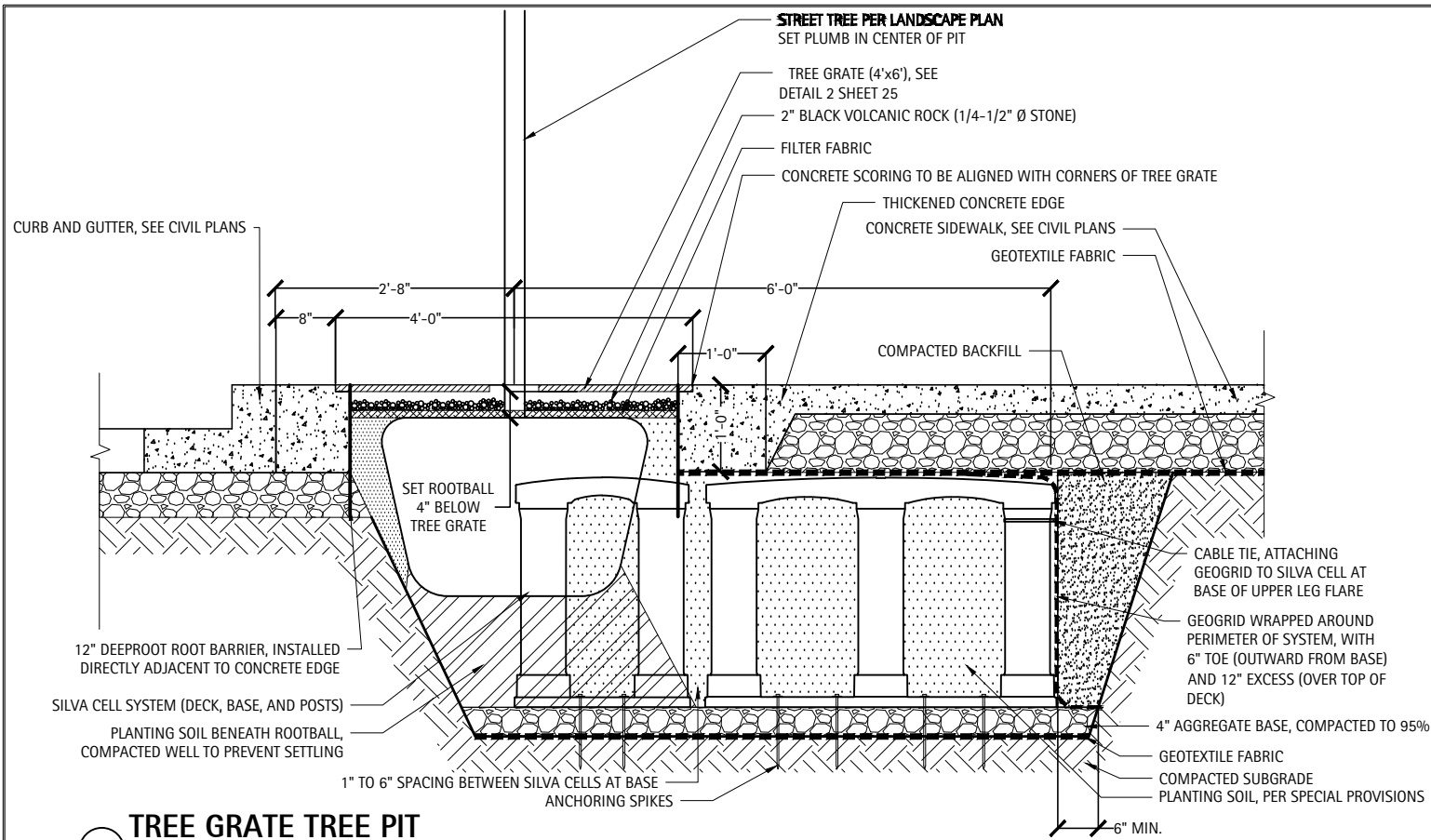


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

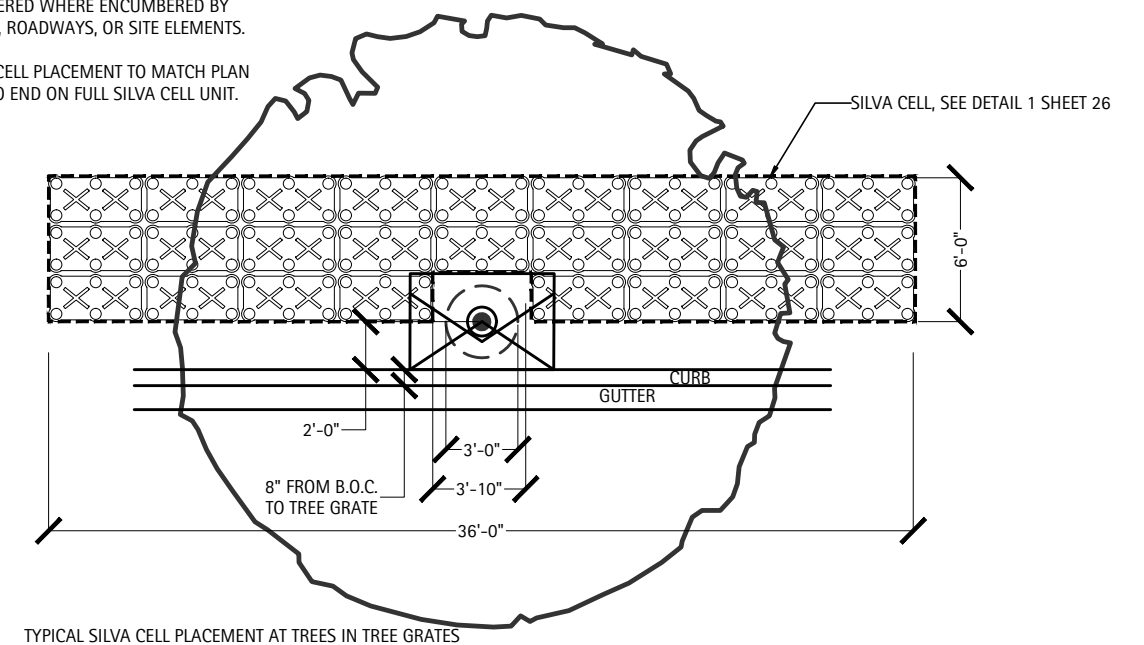
BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS	
SITE DETAILS	
SCALE:	SHEET 25 OF 29 SHEETS STA. TO STA.

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1036	COOK	553	481
CONTRACT NO. 61H24			
ILLINOIS FED. AID PROJECT			

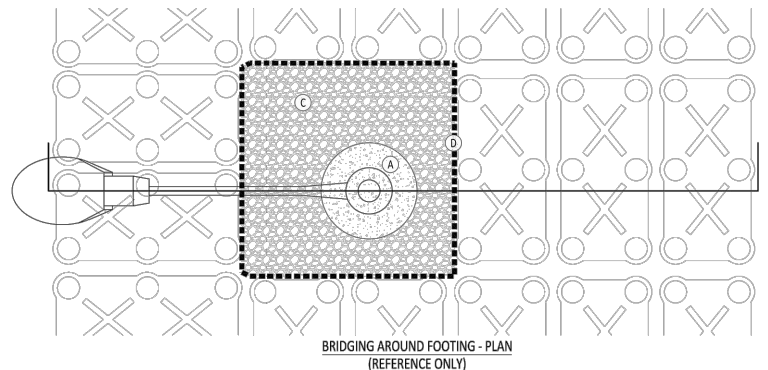


1 TREE GRATE TREE PIT
SCALE: 1/2" = 1'-0"

- NOTES:**
- STANDARD SILVA CELL PLACEMENT TO BE ALTERED WHERE ENCUMBERED BY CURBS, ROADWAYS, OR SITE ELEMENTS.
 - SILVA CELL PLACEMENT TO MATCH PLAN AND TO END ON FULL SILVA CELL UNIT.



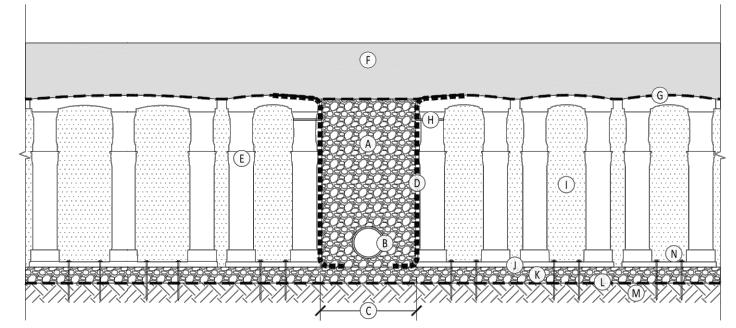
3 TREE PIT W/SILVA CELL - PLAN LAYOUT
SCALE: 1/8" = 1'-0"



- KEY PLAN**
- (A) CONCRETE FOOTING, PER PROJECT SPECIFICATIONS
 - (B) 24" (610 mm) MAXIMUM, VARIES PER PROJECT SPECIFICATIONS
 - (C) WASHED STONE WITHOUT FINES, PER PROJECT SPECIFICATIONS
 - (D) GEOGRID TO LINE PERIMETER OF WASHED STONE WITH 6" (150 mm) TOE (FOLDED INWARD) AND 12" (305 mm) EXCESS FOLDED OVER ADJACENT DECKS
 - (E) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER POST FLARE
 - (F) CONDUIT, PER PROJECT SPECIFICATIONS
 - (G) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
 - (H) SILVA CELL STANDARD PAVING PROFILE, SEE NOTE 1
 - (I) GEOTEXTILE, PER PROJECT SPECIFICATIONS
 - (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS. COMPACTED TO 70-80% PROCTOR.
 - (K) 1" - 4" (25 mm - 100mm) SPACING BETWEEN SILVA CELLS AT BASE
 - (L) 4" (100 mm) MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
 - (M) GEOTEXTILE, PLACED BELOW AGGREGATE SUB BASE
 - (N) SUBGRADE, COMPACTED TO 95% PROCTOR
 - (O) PIN, PER SILVA CELL SPECIFICATIONS

- NOTES**
- THIS BRIDGING DETAIL MAY BE USED WITH ANY SILVA CELL STANDARD PAVING PROFILE (CONCRETE, PAVERS, ASPHALT, POROUS PAVEMENTS). PAVING PROFILE SHOWN IN THIS DETAIL IS NOT TO SCALE AND WILL VARY PER PROJECT SPECIFICATIONS.
 - THIS BRIDGING DETAIL MAY BE USED WITH 1x, 2x, or 3x SYSTEMS. SHOWN HERE ARE 3x SILVA CELLS.
 - SILVA CELL LAYOUT SHOWN HERE IS NOT PRESCRIPTIVE AND WILL VARY PER PROJECT SPECIFICATIONS.
 - SILVA CELL SUPPLEMENTAL DETAILS SHALL BE USED IN CONJUNCTION WITH SILVA CELL STANDARD DETAILS FOR STREETScape, PLAZA, PARKING LOT, AND / OR PEDESTRIAN APPLICATIONS.
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 - DO NOT SCALE DRAWINGS.

2 SILVA CELL - BRIDGING AROUND FOOTING
SCALE: NTS



4 SILVA CELL - BRIDGING AROUND UTILITY LINE
SCALE: NTS

- KEY PLAN**
- (A) WASHED STONE WITHOUT FINES, PER PROJECT SPECIFICATIONS
 - (B) EXAMPLE OF EXISTING OR PROPOSED UTILITY, SEE NOTE 2
 - (C) 4" - 24" (100mm - 610mm) GAP BETWEEN SILVA CELLS AT BASE
 - (D) GEOGRID TO LINE PERIMETER OF AGGREGATE WITH 6" (150 mm) TOE (INWARD) AND 12" (305 mm) EXCESS FOLDED OVER TOP OF ADJACENT DECKS
 - (E) SILVA CELL SYSTEM (DECK, BASE, AND POSTS), SEE NOTE 3
 - (F) SILVA CELL STANDARD PAVING PROFILE, SEE NOTE 1
 - (G) GEOTEXTILE, PER PROJECT SPECIFICATIONS
 - (H) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER POST FLARE
 - (I) PLANTING SOIL, PER PROJECT SPECIFICATIONS. COMPACTED TO 70-80% PROCTOR.
 - (J) 1" TO 4" (25 mm - 100mm) SPACING BETWEEN SILVA CELLS AT BASE
 - (K) 4" (100mm) MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
 - (L) GEOTEXTILE, PLACED BELOW AGGREGATE SUB BASE
 - (M) SUBGRADE, COMPACTED TO 95% PROCTOR
 - (N) PIN, PER SILVA CELL SPECIFICATIONS

- NOTES**
- THIS BRIDGING WITH AGGREGATE DETAIL MAY BE USED WITH ANY SILVA CELL STANDARD PAVING PROFILE (CONCRETE, PAVERS, ASPHALT, POROUS PAVEMENTS). PAVING PROFILE SHOWN IN THIS DETAIL IS NOT TO SCALE AND WILL VARY PER PROJECT SPECIFICATIONS.
 - THE UTILITY CONFLICT SHOWN ON THIS DETAIL IS AN EXAMPLE OF AN EXISTING OR PROPOSED CONDITION THAT MAY MAKE IT NECESSARY TO BRIDGE A LARGER THAN STANDARD GAP BETWEEN CELLS. ALL CONFLICTING ELEMENTS (E.G. PIPE, BASE MATERIAL AND DEPTH, COVER) ARE ILLUSTRATIVE ONLY AND ARE PER PROJECT SPECIFICATIONS.
 - THIS BRIDGING DETAIL MAY BE USED WITH 1x, 2x, or 3x SYSTEMS. SHOWN HERE ARE 3x SILVA CELLS.
 - SILVA CELL LAYOUT SHOWN HERE IS NOT PRESCRIPTIVE AND WILL VARY PER PROJECT SPECIFICATIONS.
 - SILVA CELL SUPPLEMENTAL DETAILS SHALL BE USED IN CONJUNCTION WITH SILVA CELL STANDARD DETAILS FOR STREETScape, PLAZA, PARKING LOT, AND / OR PEDESTRIAN APPLICATIONS.
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 - DO NOT SCALE DRAWINGS.



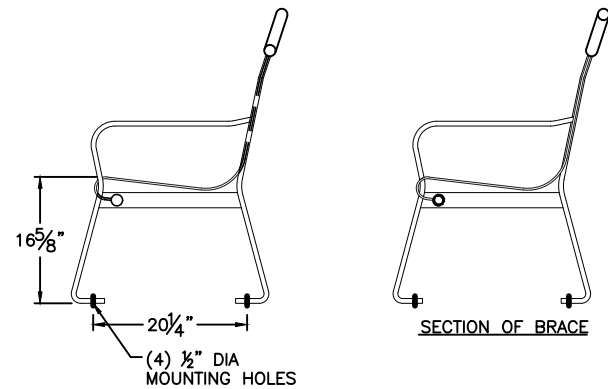
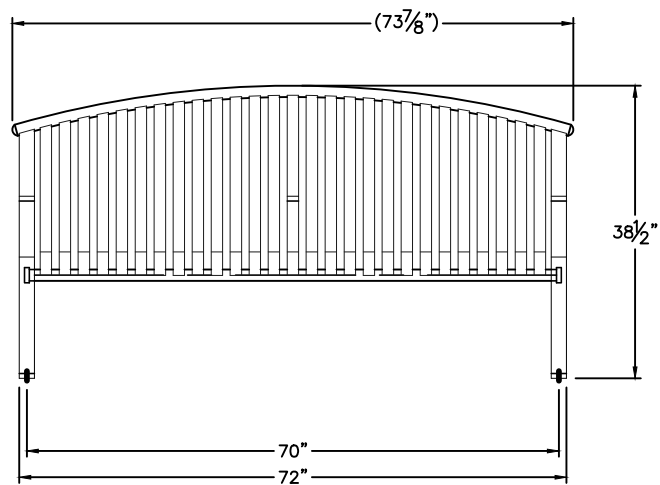
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PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
PLANT SCHEDULE & NOTES

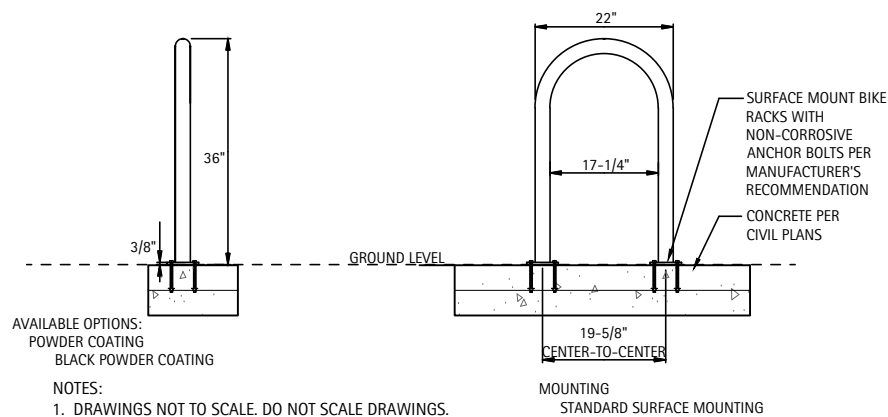
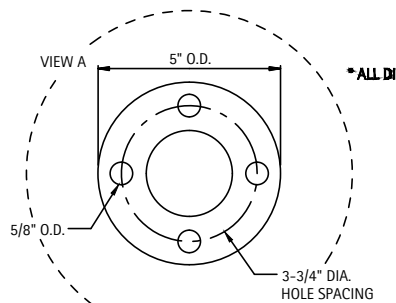
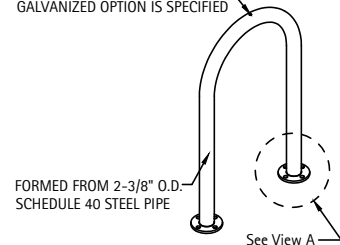
F.A. RTE. 1036	13-00170-00-RS	COUNTY COOK	TOTAL SHEETS 553	SHEET NO. 482
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 26 OF 29 SHEETS STA. TO STA.



1 BENCH
SCALE: 1/2" = 1'-0"

HOLE IS ONLY PRESENT WHEN GALVANIZED OPTION IS SPECIFIED



AVAILABLE OPTIONS:
POWDER COATING
BLACK POWDER COATING

NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.

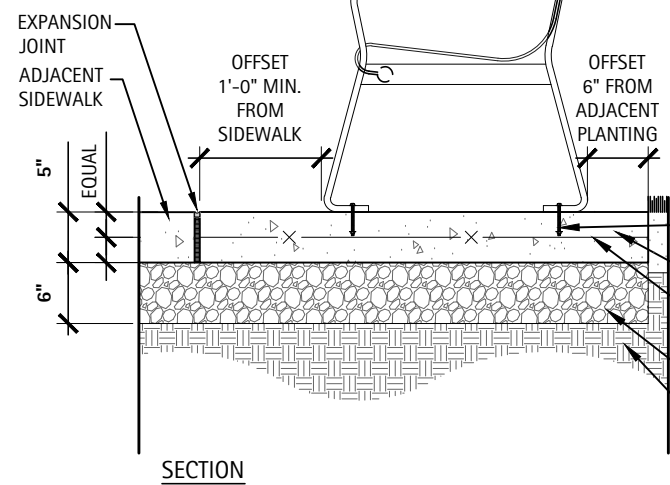
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PREHEATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).

3. IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL THE BIKE RACK IS IN PLACE. THIS SECURE SITE DESIGN, L.L.C. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.

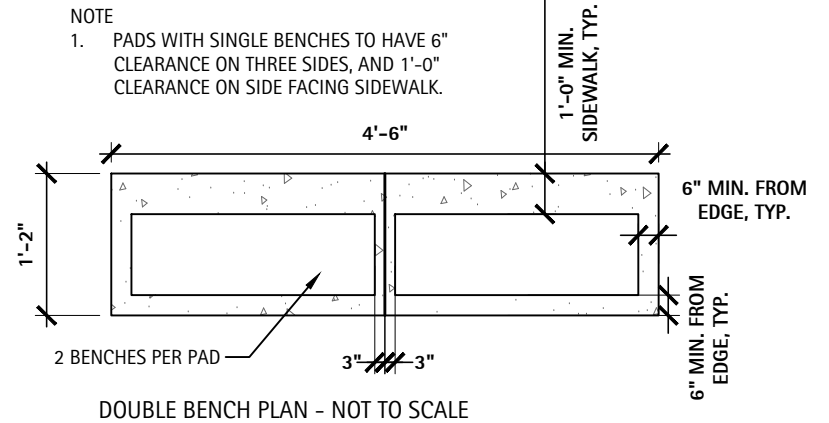
4. ANCHOR BOLTS NOT PROVIDED BY SECURE SITE DESIGN L.L.C. ANCHOR BOLTS TO BE NON-CORROSIVE ANCHOR BOLTS.

5. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.

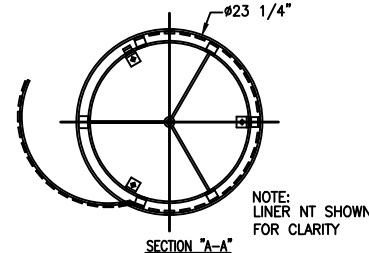
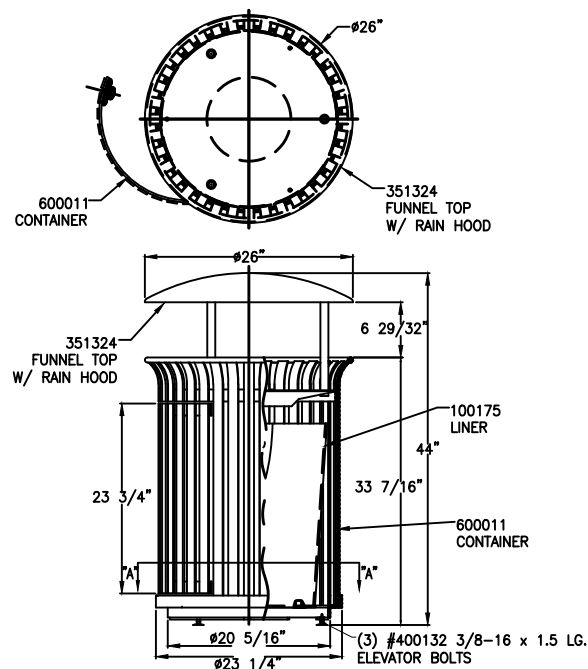
2 BIKE RACK MOUNTING
SCALE: NTS



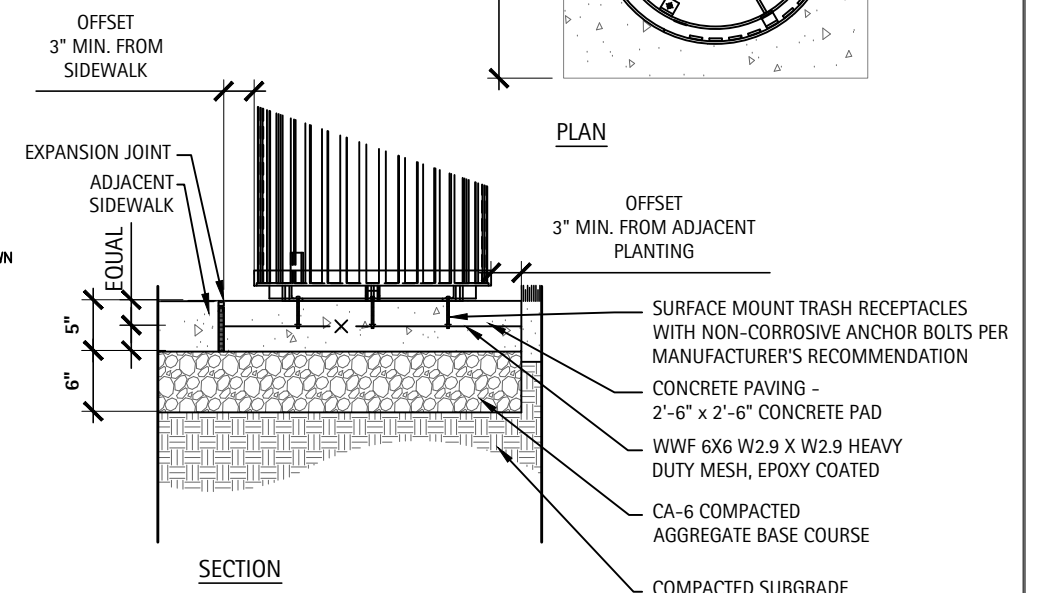
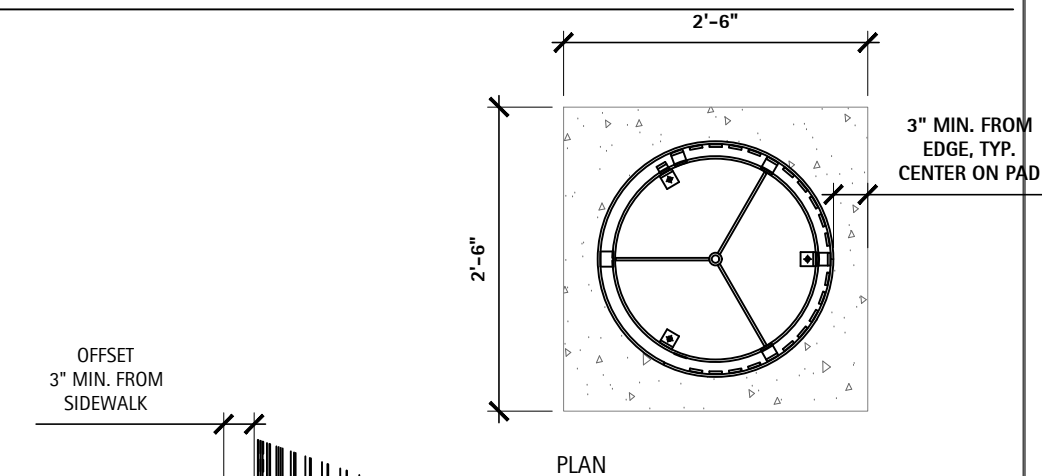
3 BENCH CONCRETE PAD & MOUNTING DETAIL
SCALE: NTS



DOUBLE BENCH PLAN - NOT TO SCALE

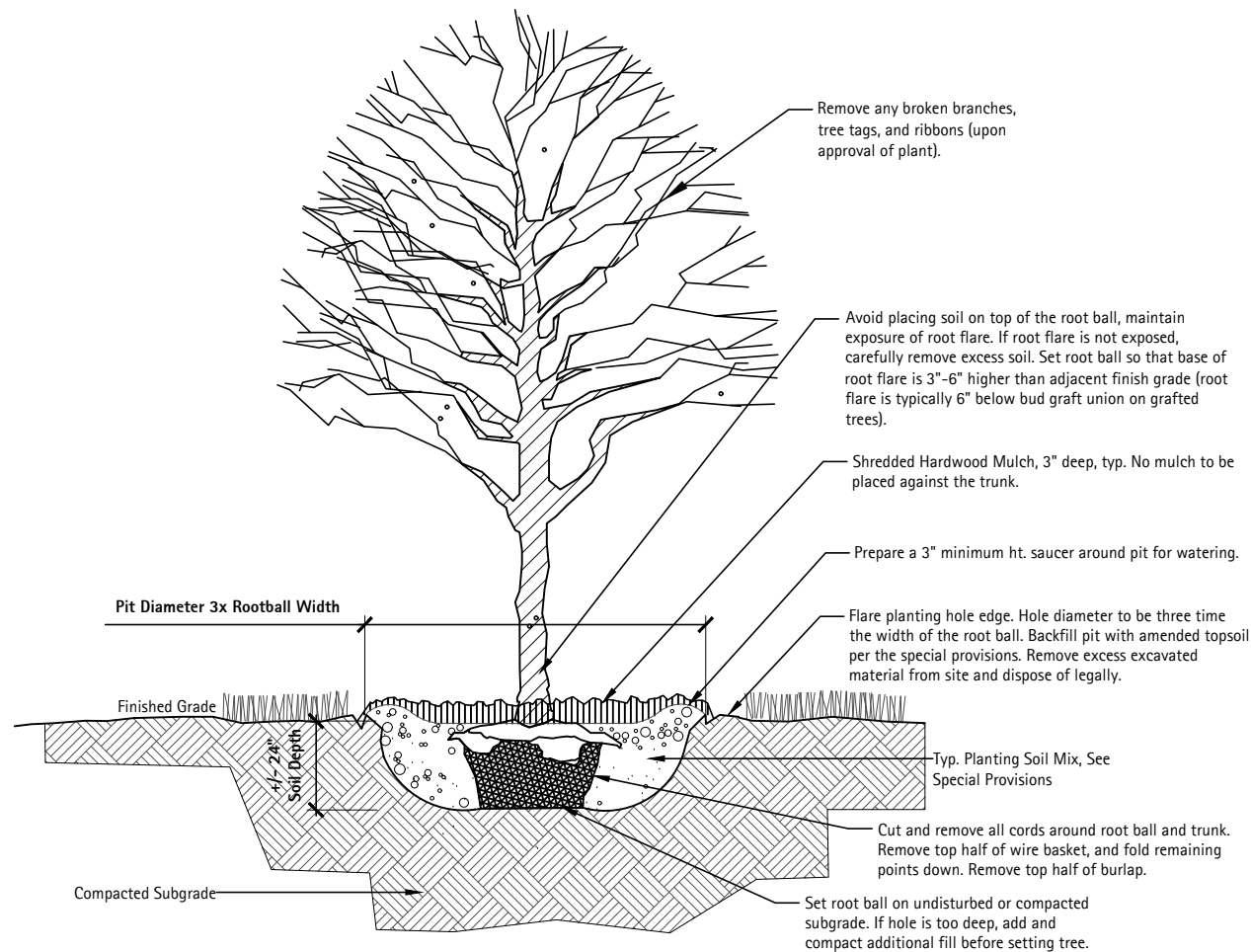


4 TRASH RECEPTACLE
SCALE: NTS

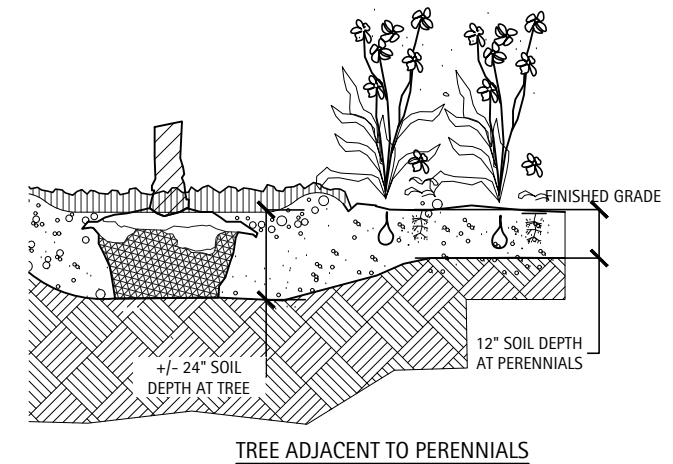
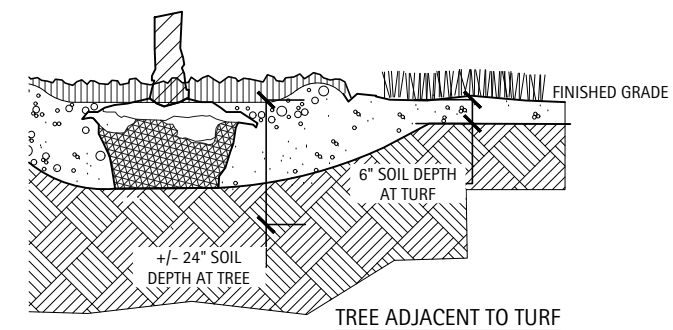


5 TRASH RECEPTACLE CONCRETE PAD & MOUNTING PAD
SCALE: NTS

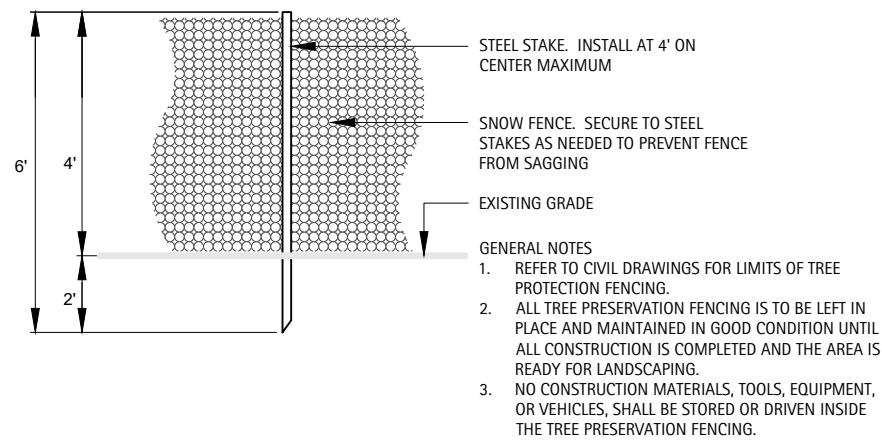
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DRAWN - TM	CHECKED - DS	REVISED -
PLOT SCALE -	DATE -	REVISED -
PLOT DATE - 11-23-2021		



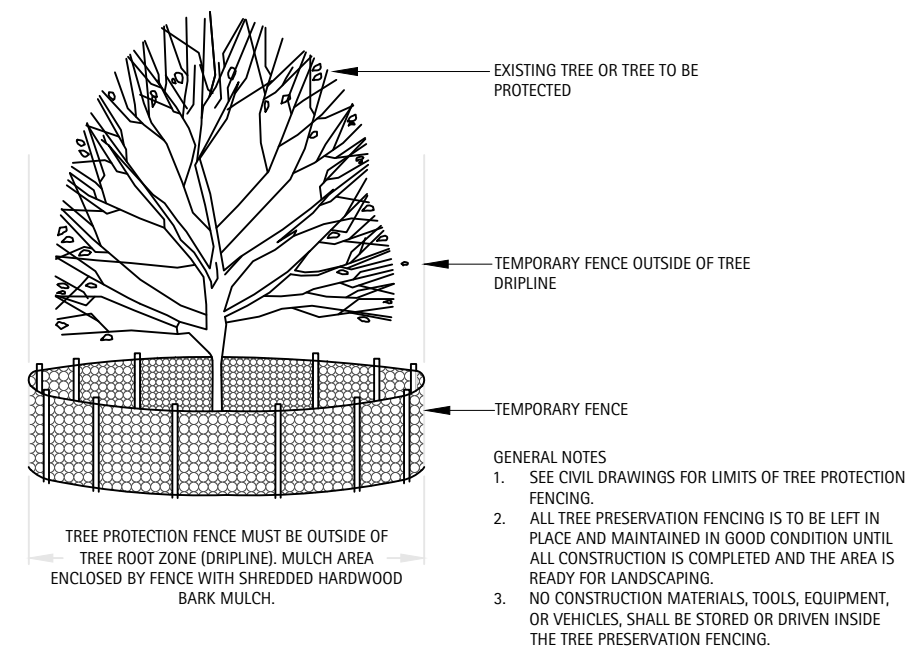
1 TREE PLANTING
SCALE: 1/4" = 1'-0"



3 TREE EDGE CONDITIONS
SCALE: NTS

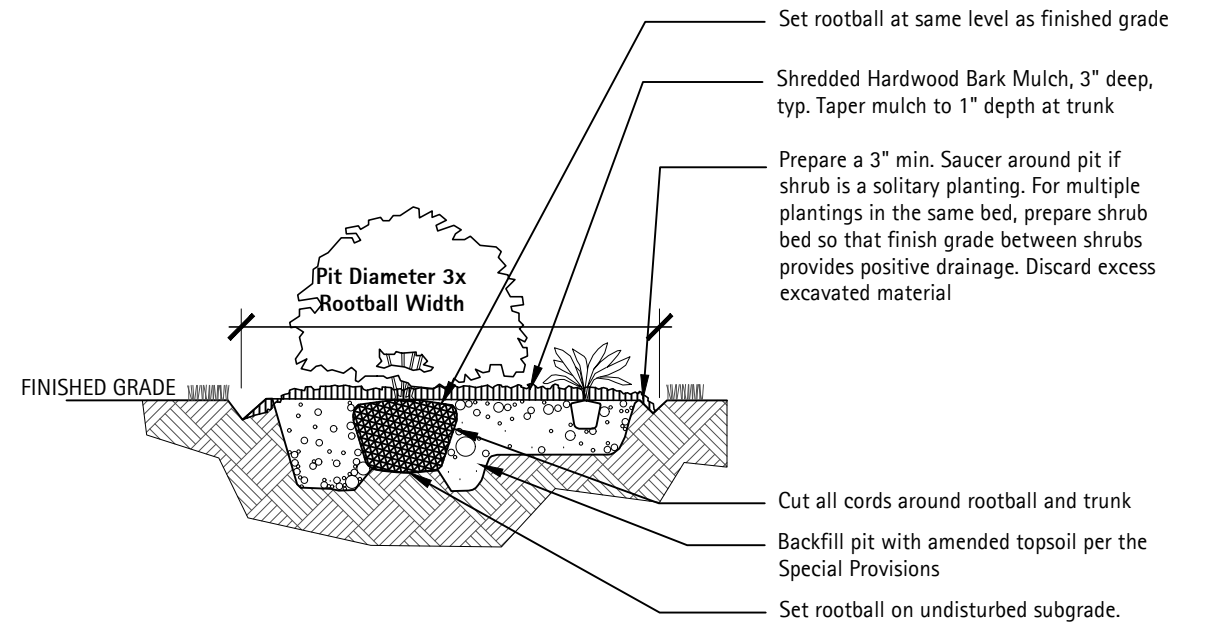
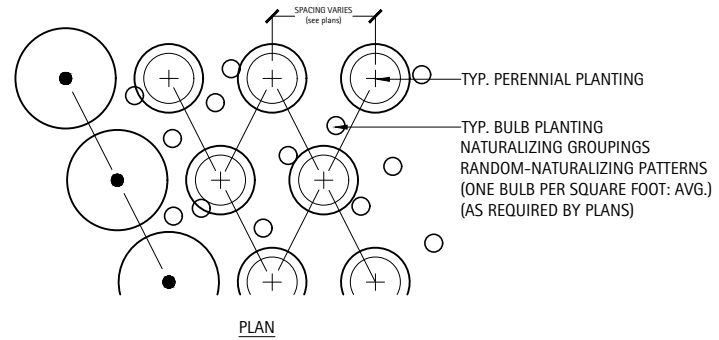
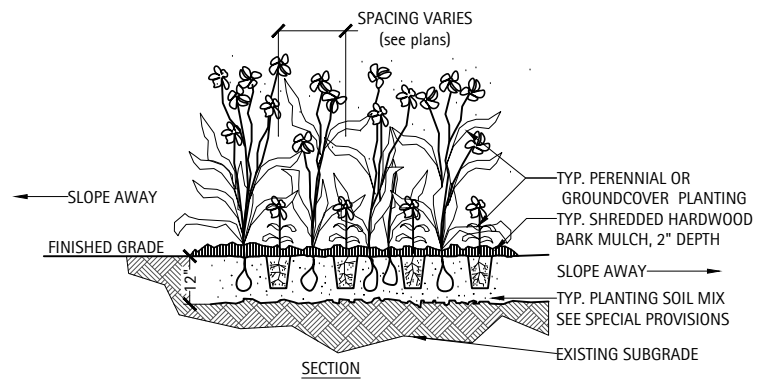


2 TREE PROTECTION FENCE
Scale: 1/2" = 1'-0"



4 TREE PRESERVATION FENCING INSTALLATION
Scale: 1/2" = 1'-0"

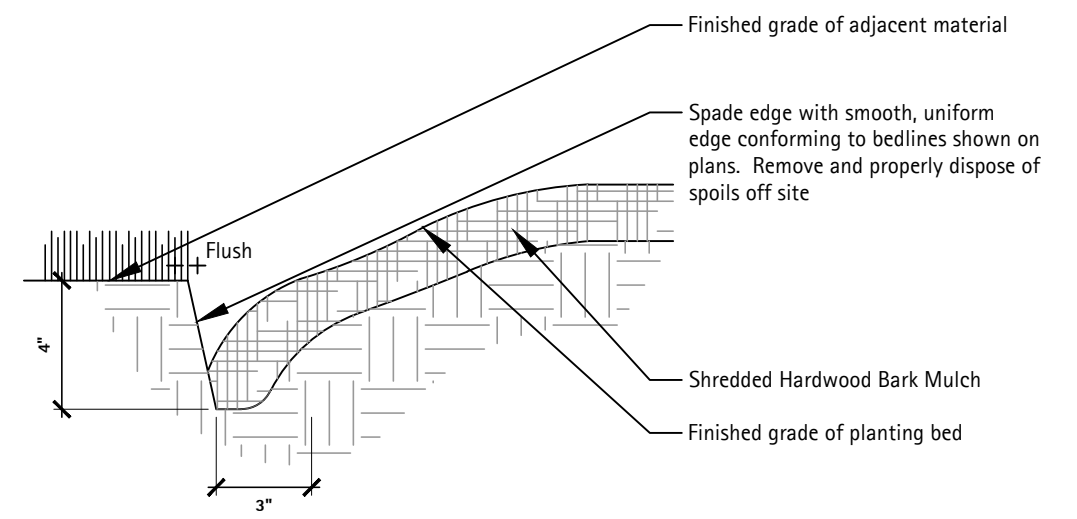
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PLOT SCALE -	DRAWN - TM	REVISED -
PLOT DATE - 11-23-2021	CHECKED - DS	REVISED -
	DATE -	REVISED -



NOTES:
 FINAL BALL ELEVATION AND PLANTER BED GRADING AS DIRECTED BY ENGINEER. WHEN SOIL CONDITIONS ARE ENCOUNTERED WITH POOR DRAINAGE, LANDSCAPE CONTRACTOR SHALL NOTIFY ENGINEER. LANDSCAPE CONTRACTOR SHALL ELABORATE AND PREPARE RECOMMENDATIONS FOR SOLUTION TO PROBLEM.
 PERENNIAL PLANTING LAYOUTS TO BE APPROVED IN THE FIELD BY ENGINEER PRIOR TO INSTALLATION.

1 GROUNDCOVER & PERENNIAL PLANTING
 Scale: NTS

2 SHRUB PLANTING
 SCALE: NTS



3 SPADE EDGE
 SCALE: NTS

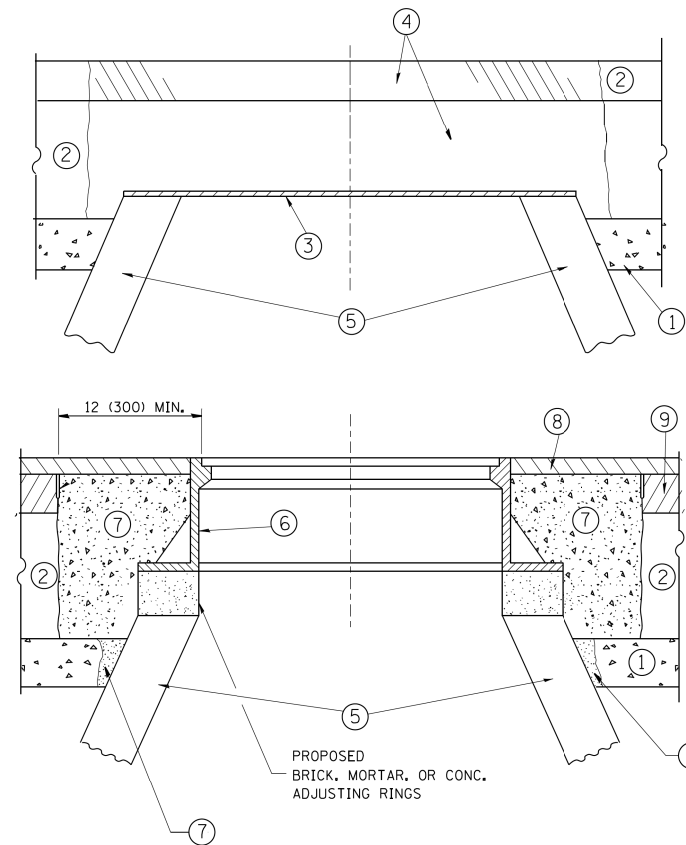


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DRAWN - TM	REVISED -	REVISED -
PLOT SCALE -	CHECKED - DS	REVISED -
PLOT DATE - 11-23-2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape LANDSCAPE PLANS
 PLANT DETAILS
 SCALE: SHEET 29 OF 29 SHEETS STA. TO STA.

F.A. RTE.	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	553	485
CONTRACT NO. 61H24		ILLINOIS FED. AID PROJECT	



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

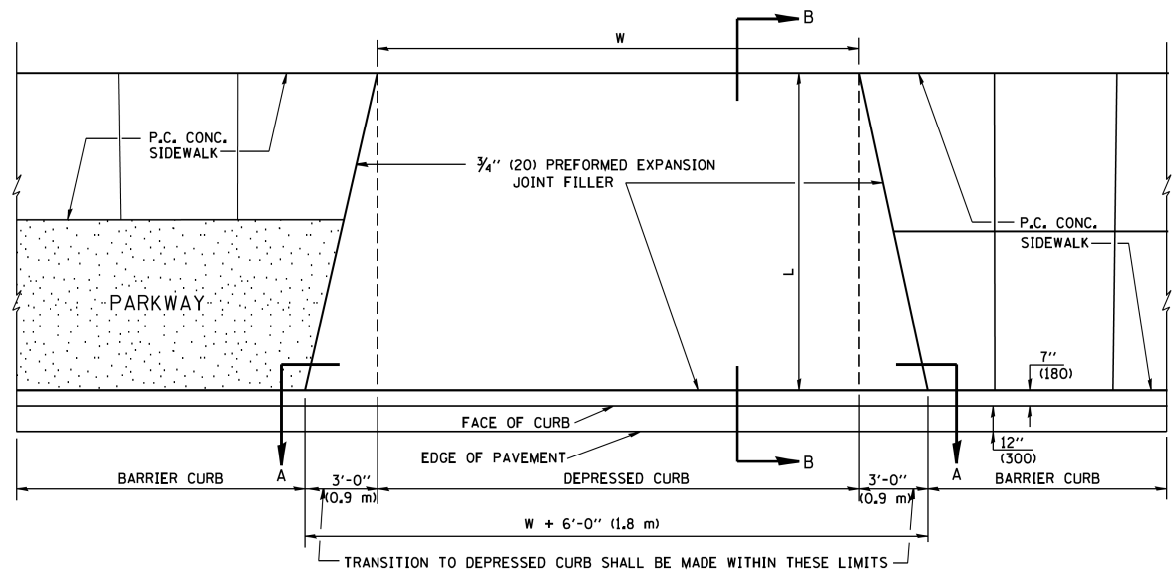
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
et:\p\work\p\dot\bauerdl\d0108315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

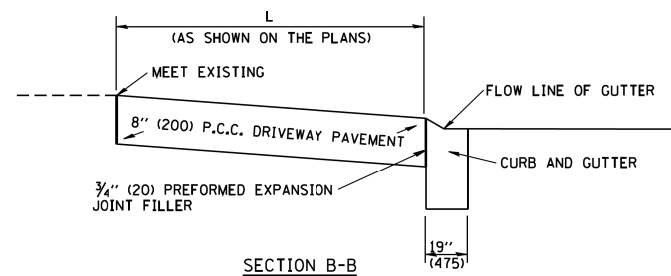
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-03 (BD-8)		CONTRACT NO. 61H24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

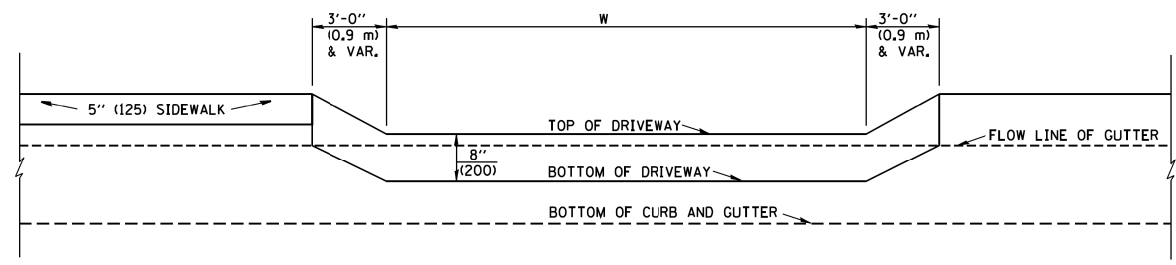


PLAN VIEW

- NOTES:
1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
 2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR FEET (1.2 METERS)
 3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
 4. 3/4" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 8" (200).
 5. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.

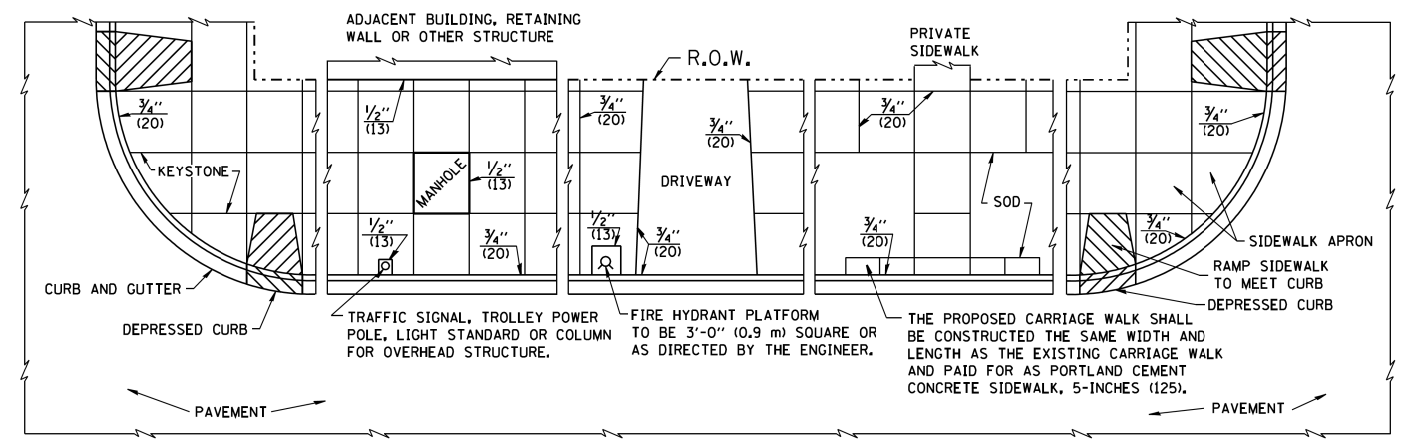


SECTION B-B



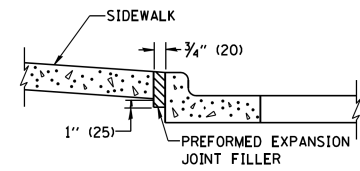
SECTION A-A

P.C.C. DRIVEWAY PAVEMENT DETAIL



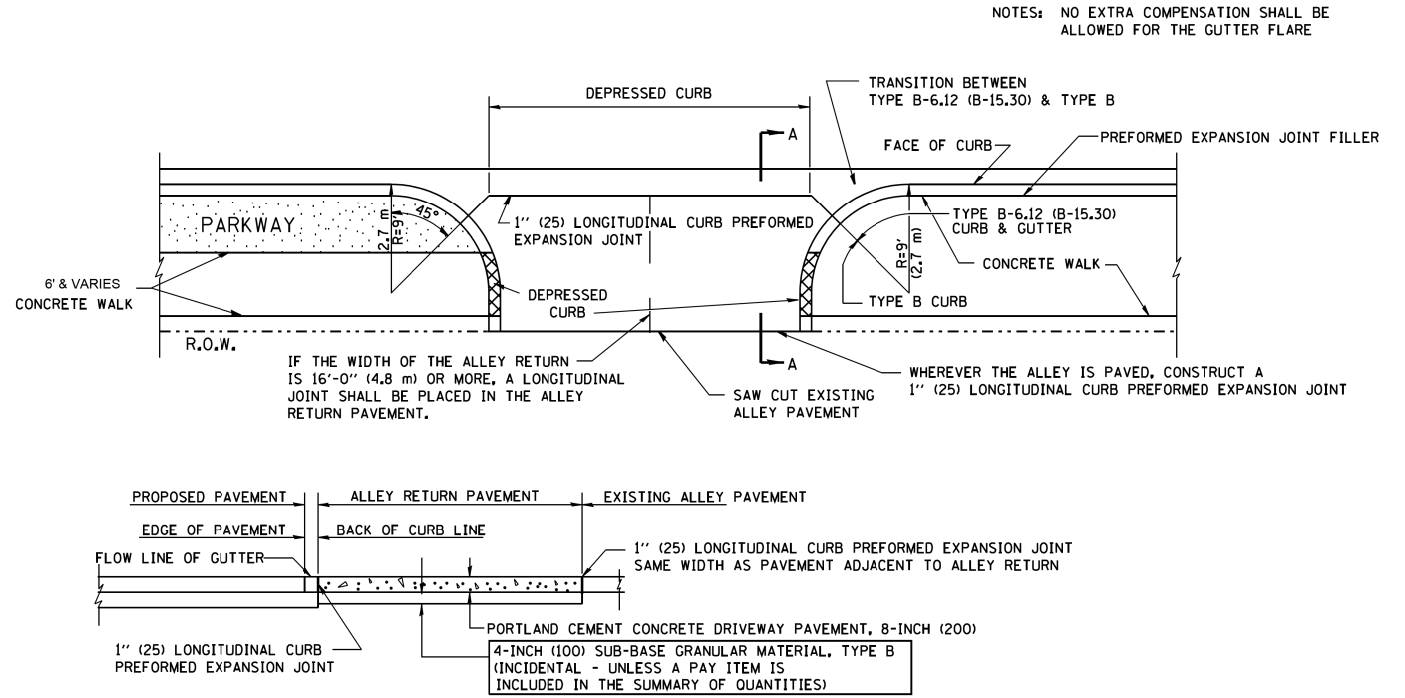
NOTES:

1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK, WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS A CURB.



SLOPE FOR SIDEWALK
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS



SECTION A-A

ALLEY RETURN DETAIL

NOTES: NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE

FILE NAME = W:\diststd\22x34\bd17.dgn

USER NAME = geglanoht
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 1/4/2008

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

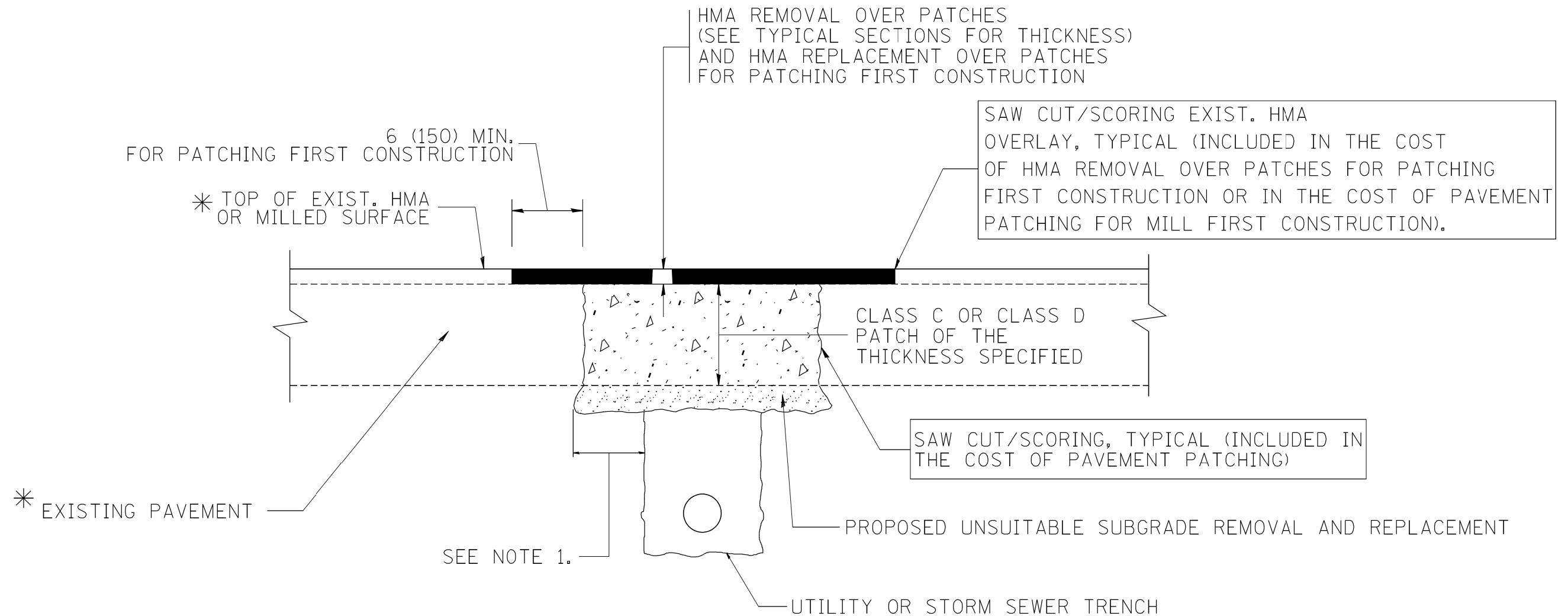
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF BERWYN
DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	487
	BD400-03 (BD-17)			CONTRACT NO. 61H24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME = c:\projects\diststa22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	13-00170-00-RS	COOK	553	488
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07					BD400-04 (BD-22)		CONTRACT NO. 61H24		
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ③)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ③)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

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

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

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

② SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY, FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

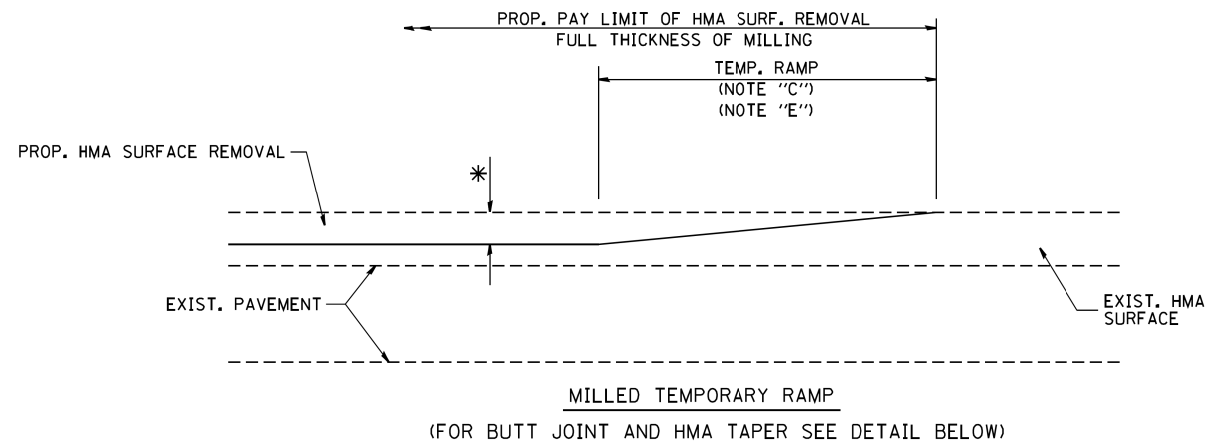
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

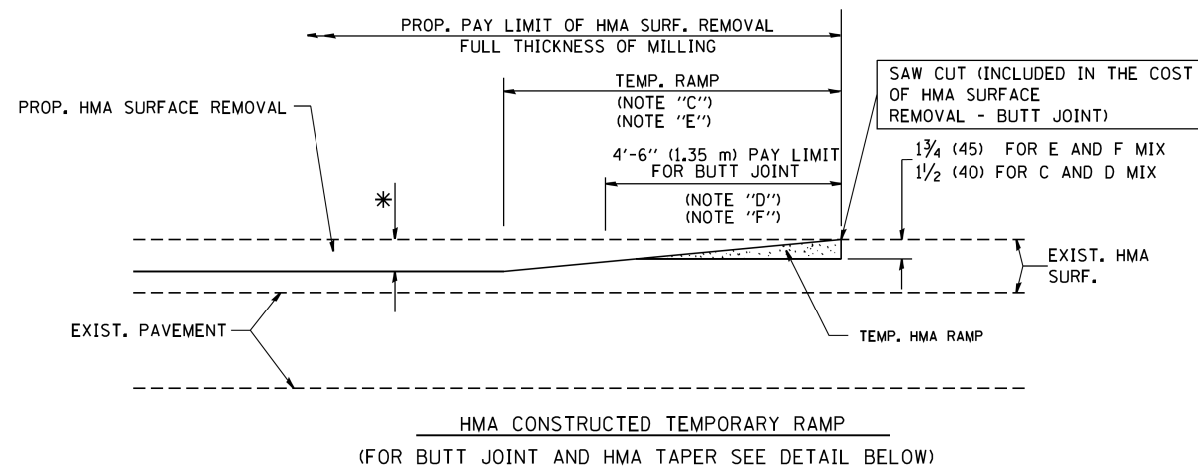
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\drivakosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	13-00170-00-RS	COOK	553	489
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01					BD600-06 (BD-24)		CONTRACT NO. 61H24		
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

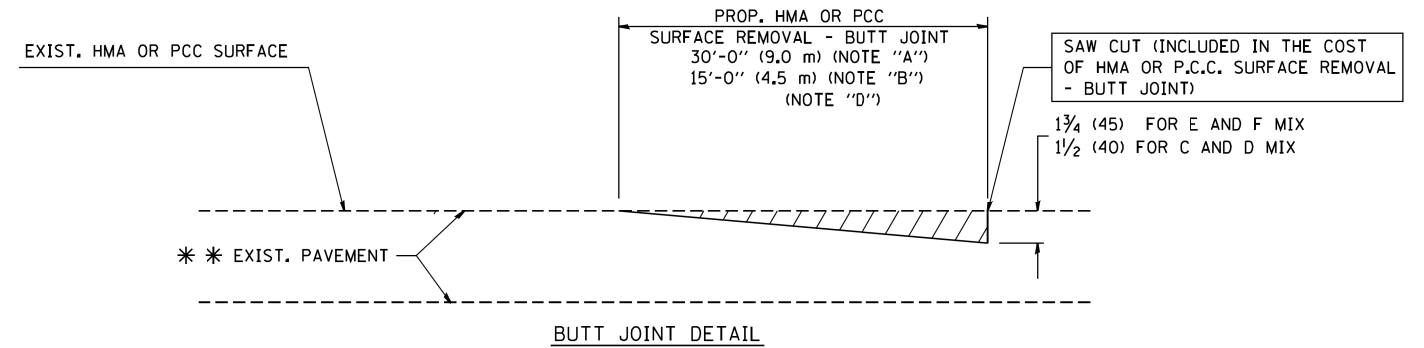


OPTION 1

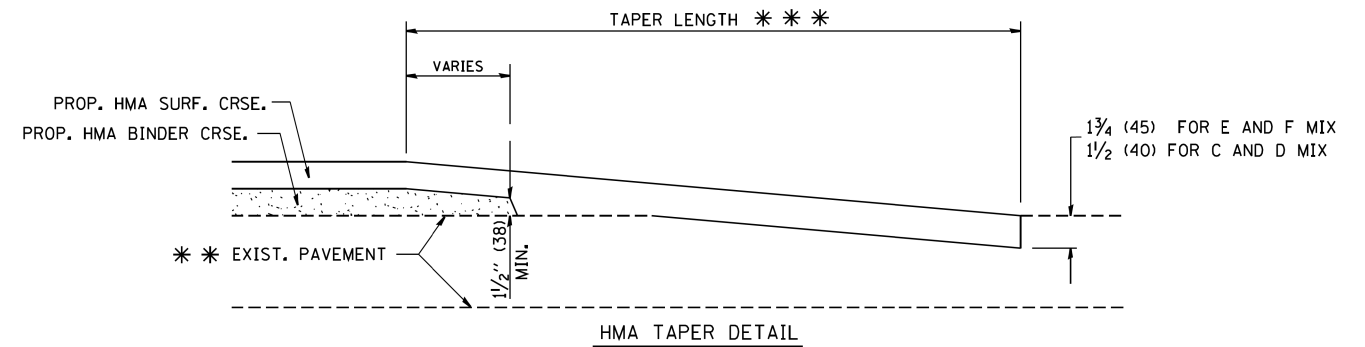


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

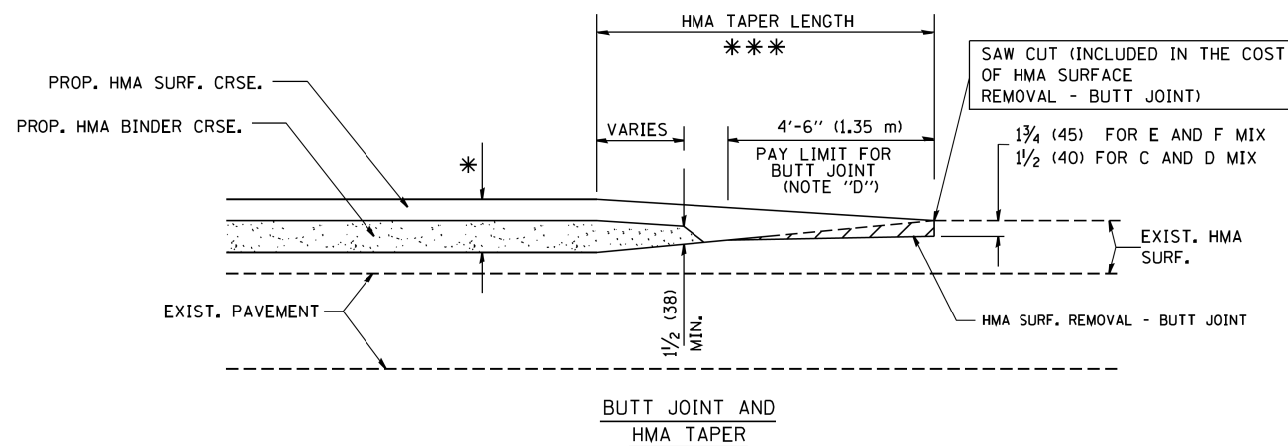
NOTES

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

BASIS OF PAYMENT:

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

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



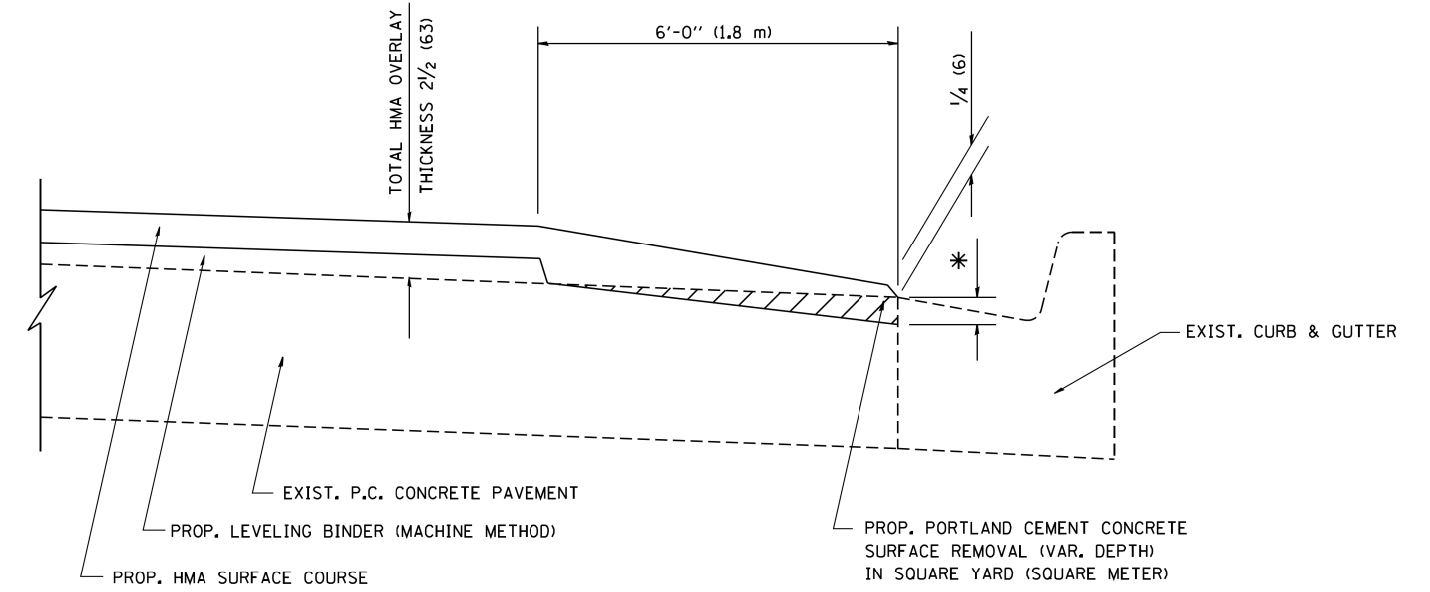
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	490
BD400-05 BD32		CONTRACT NO. 61H24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C PAVEMENT

HMA SURFACE	LEVELING BINDER	* MILLING AT GUTTER FLAG	
MIX	THICKNESS	THICKNESS	
C OR D	1 1/2 (38)	1 (25)	1 1/4 (33)
F	1 3/4 (44)	3/4 (19)	1 1/2 (38)

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

FILE NAME = W:\diststd\22x34\bd33.dgn	USER NAME = gegl1enobt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
		DRAWN - JIS	REVISED - A. ABBAS 05-05-99
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00
	PLOT DATE = 1/4/2008	DATE - 09-10-94	REVISED - R. BORO 01-01-07

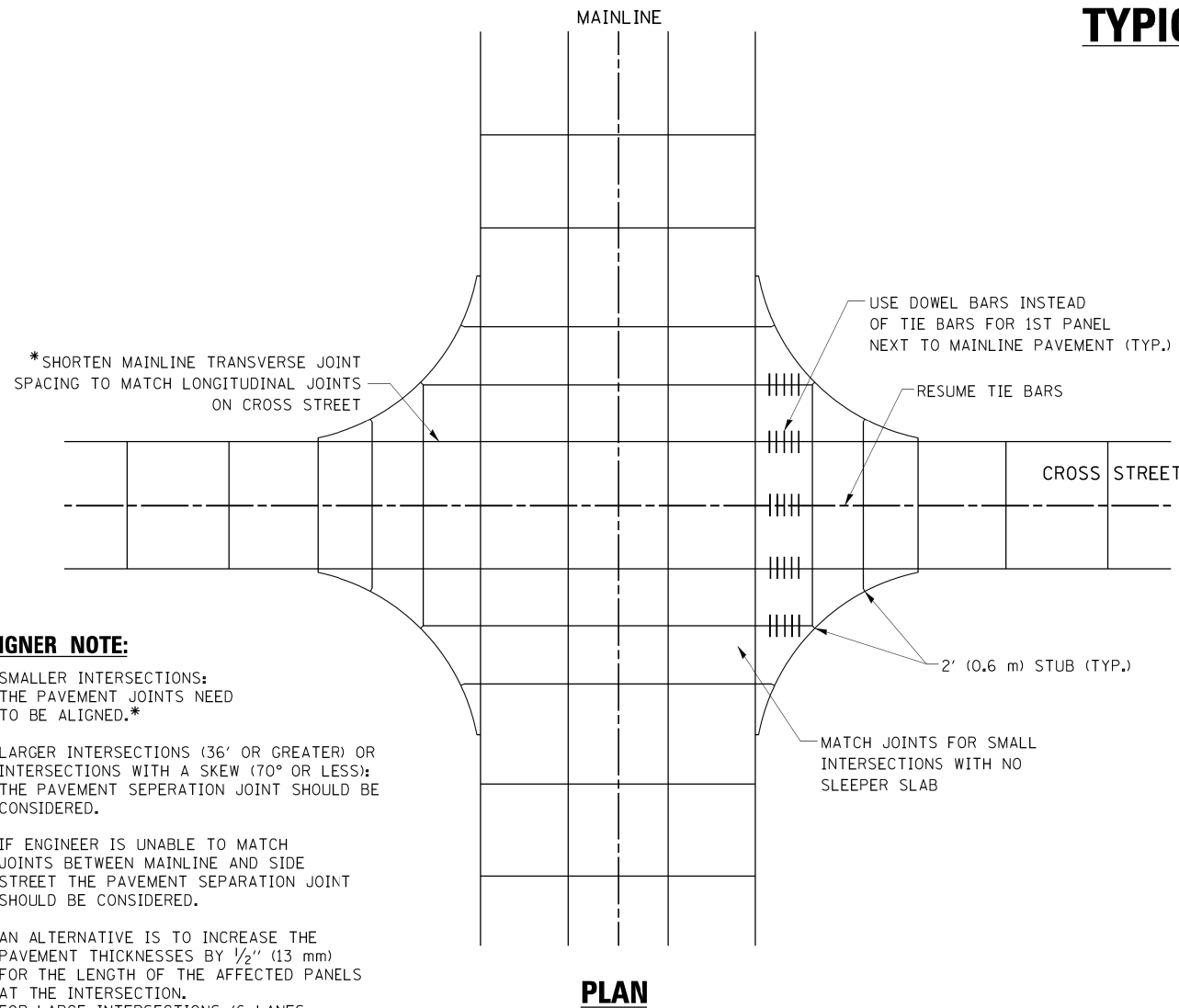
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF P.C.C PAVEMENT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	491
BD400-06 (BD33)		CONTRACT NO. 61H24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYPICAL APPLICATION

THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH

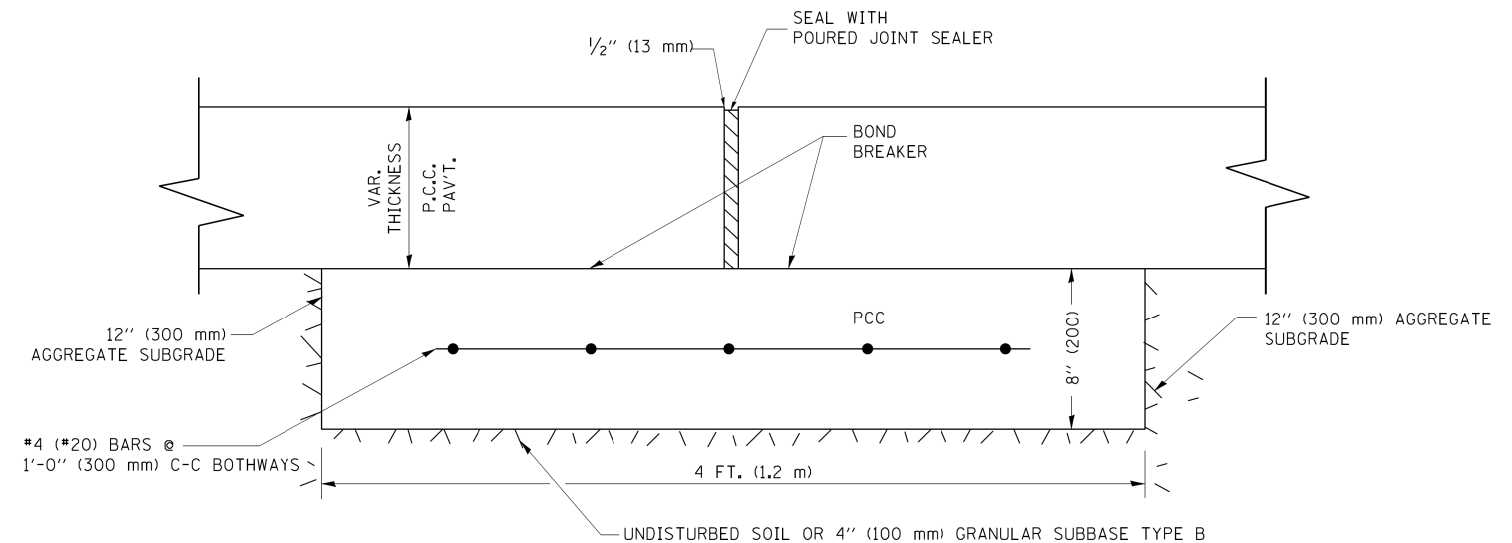
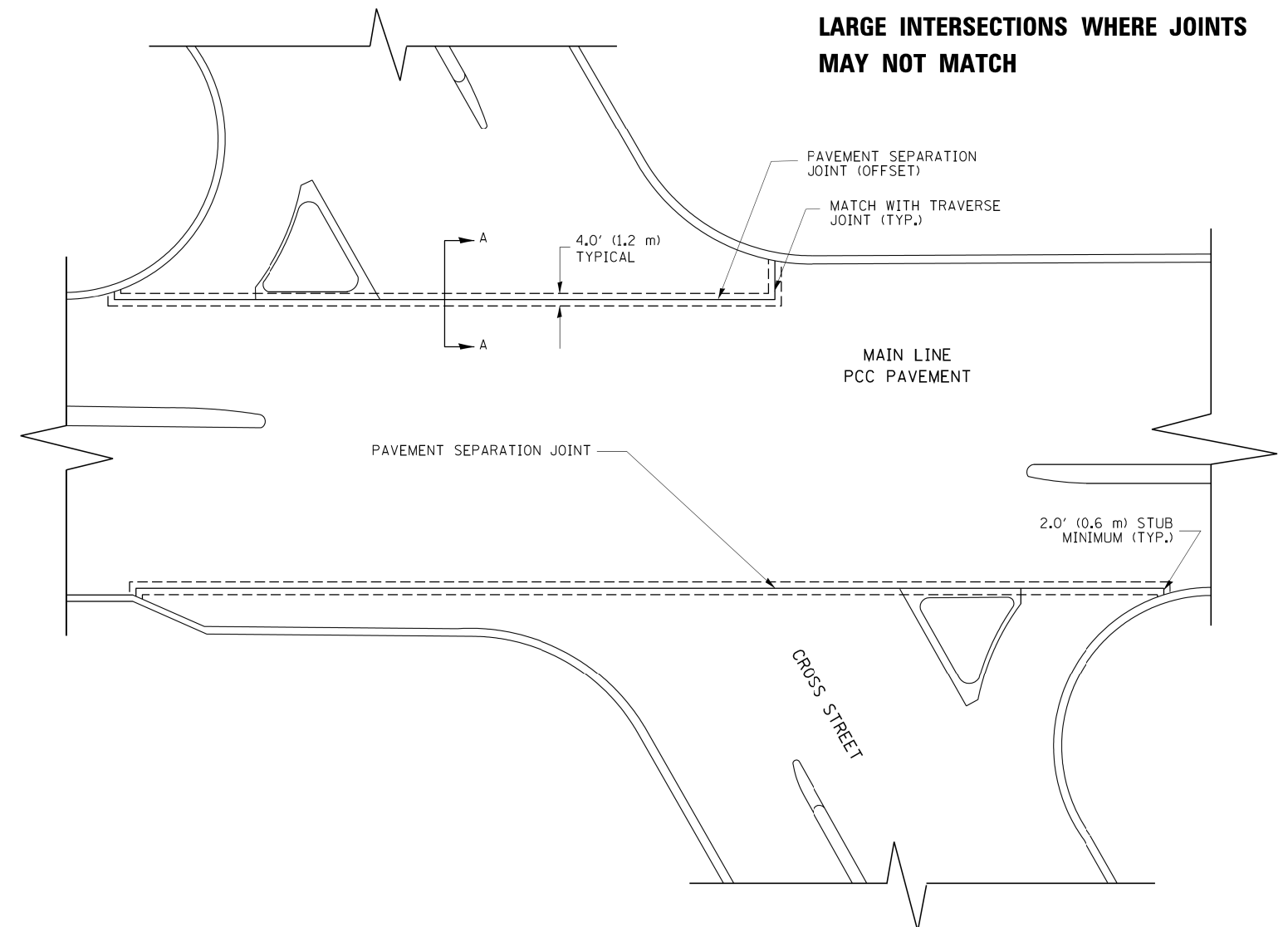


DESIGNER NOTE:

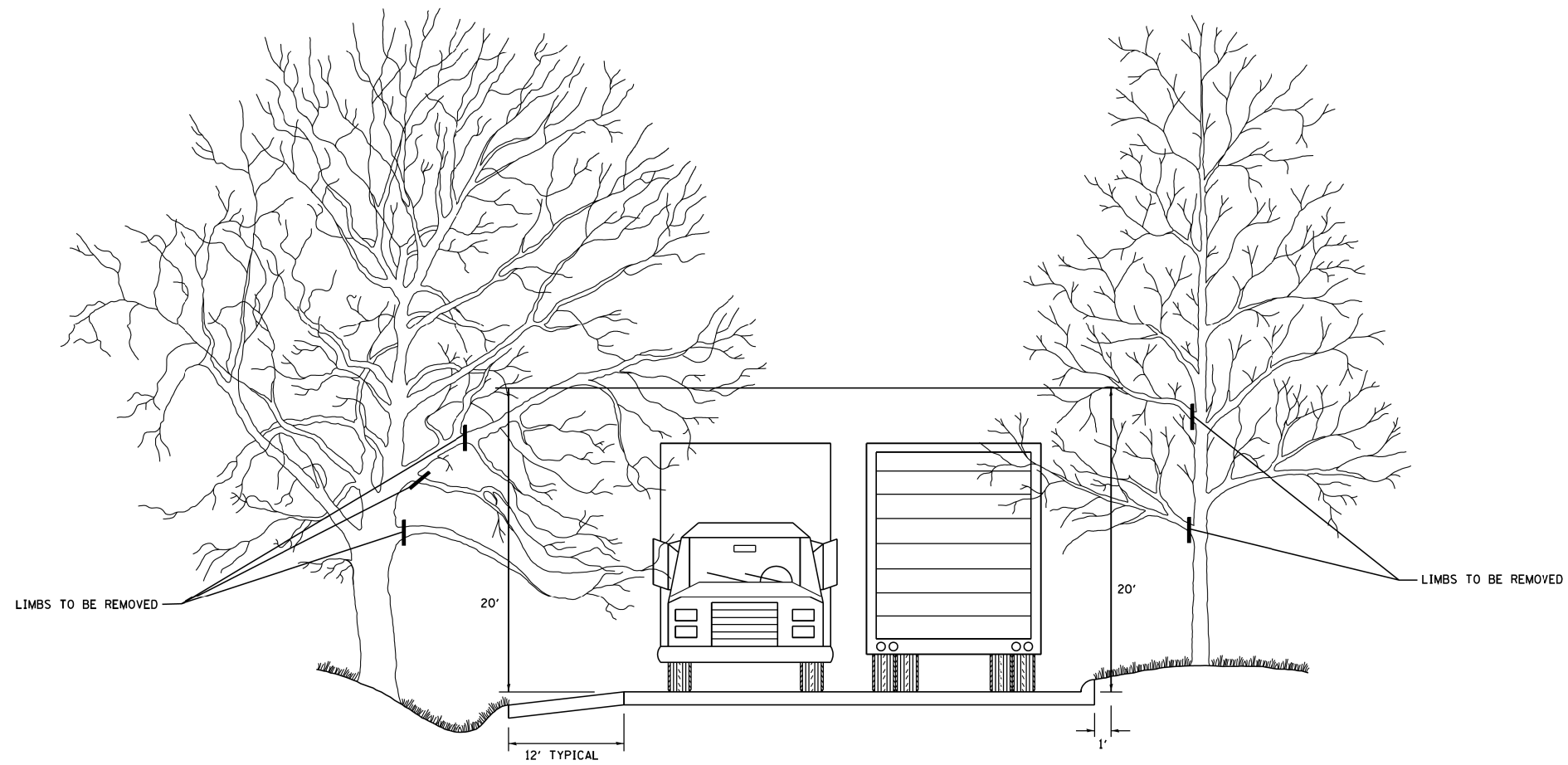
1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED.*
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPERATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE IS TO INCREASE THE PAVEMENT THICKNESSES BY 1/2" (13 mm) FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION. FOR LARGE INTERSECTIONS (6 LANES OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" (13 mm) BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
5. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE BY THE LINEAL FOOT.
6. BOND BREAKER AND 1/2" (13 mm) JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".



FILE NAME = bd52.dgn	USER NAME = 1eysa	DESIGNED - DRAWN -	REVISED - CADD 06-18-10 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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								BD52		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT												



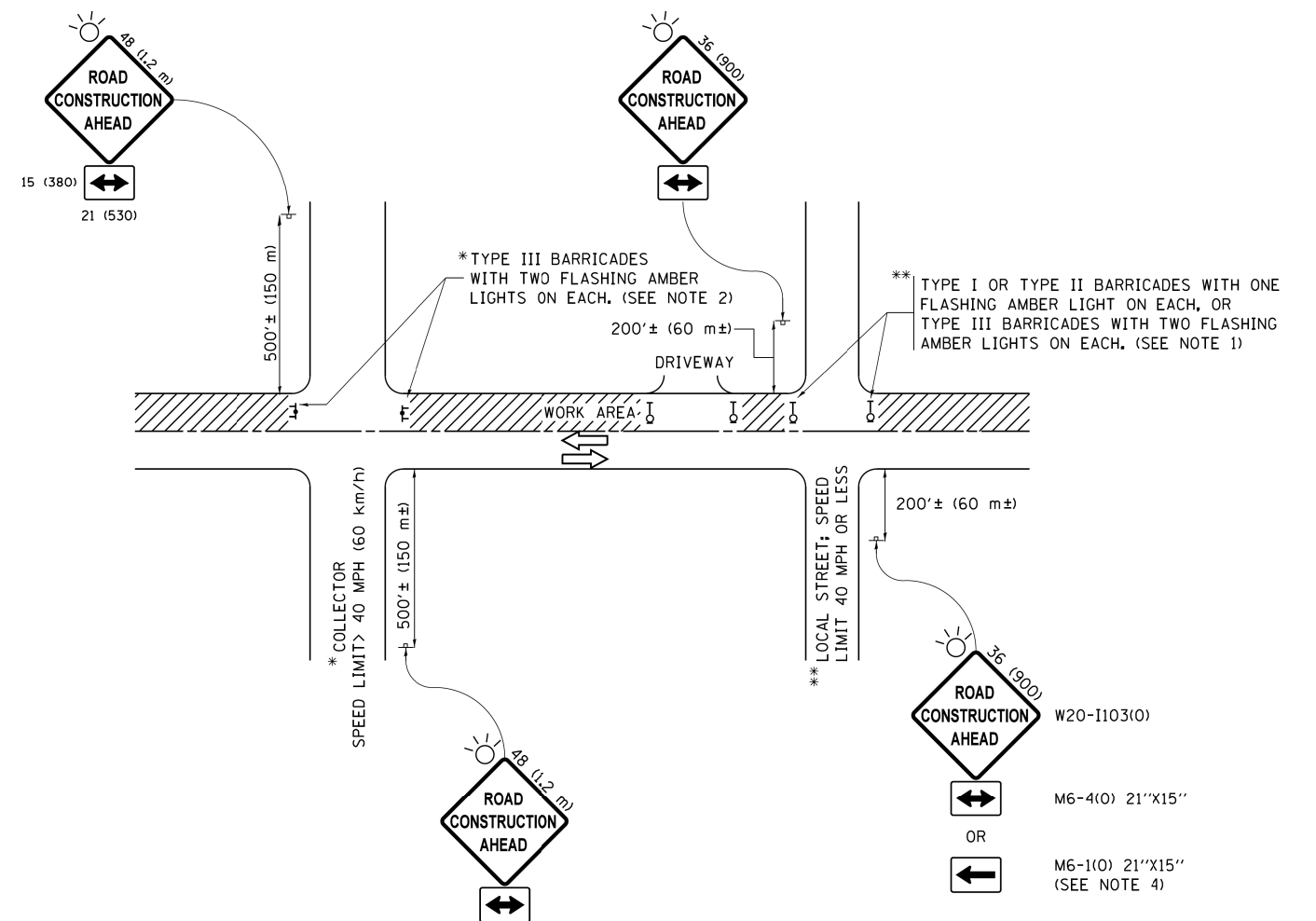
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		DRAWN -	REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRUNING FOR SAFETY AND
EQUIPMENT CLEARANCE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	493
BM-20		CONTRACT NO. 61H24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

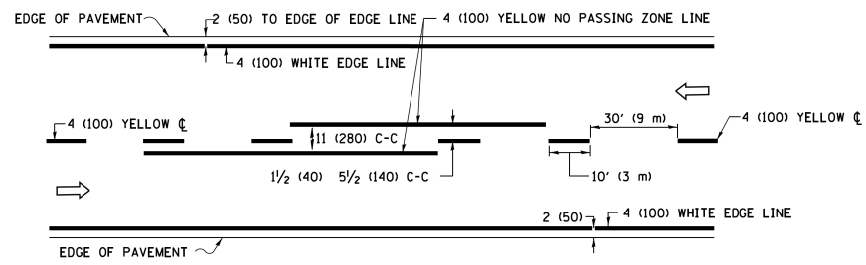
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p:\j\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist		DRAWN\CADDData\CADsheets\c10.dgn	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

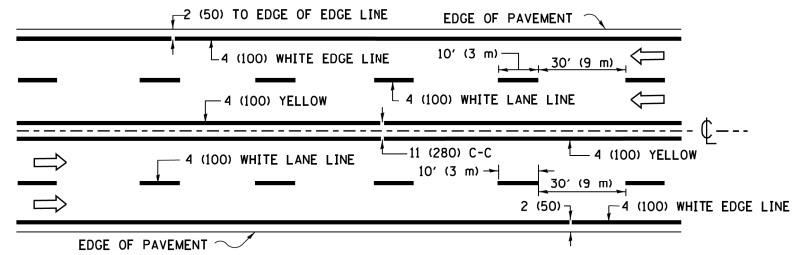
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

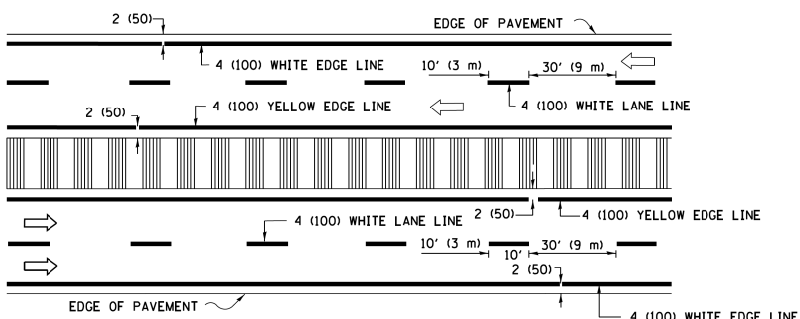
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	13-00170-00-RS	COOK	553	494
TC-10			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

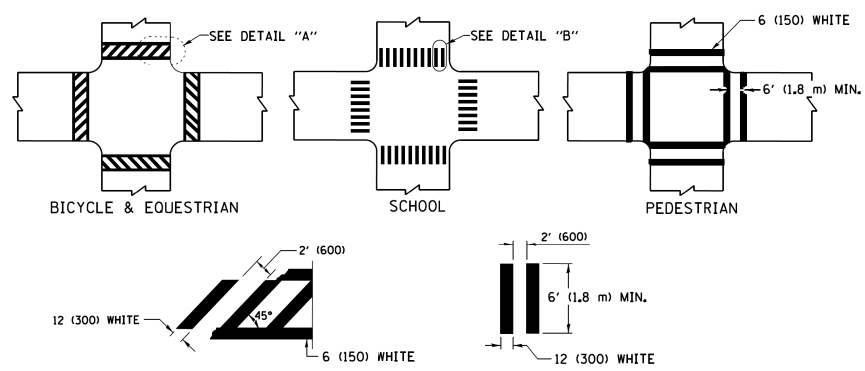


MULTI-LANE UNDIVIDED



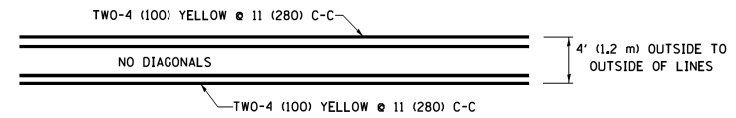
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

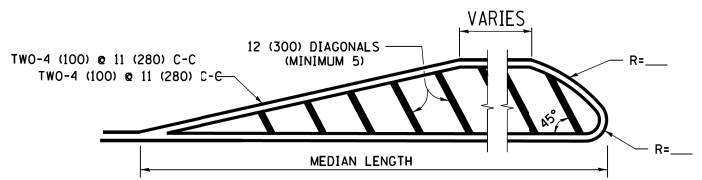


TYPICAL CROSSWALK MARKING

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

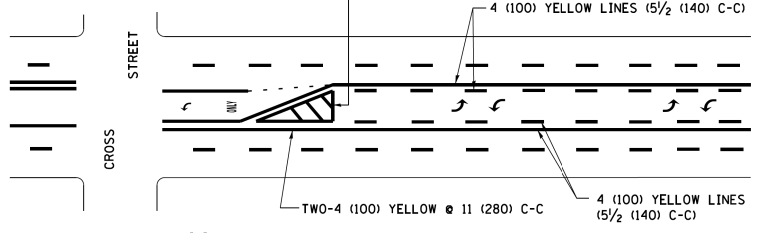


4' (1.2 m) WIDE MEDIANS ONLY



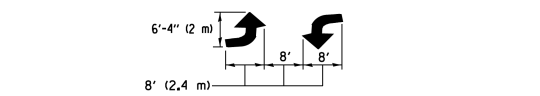
MEDIANS OVER 4' (1.2 m) WIDE

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



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

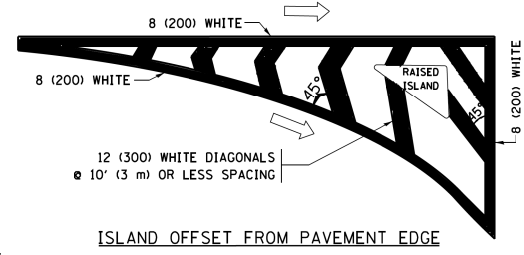
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



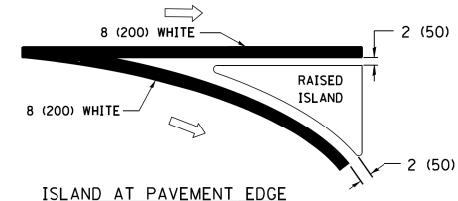
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

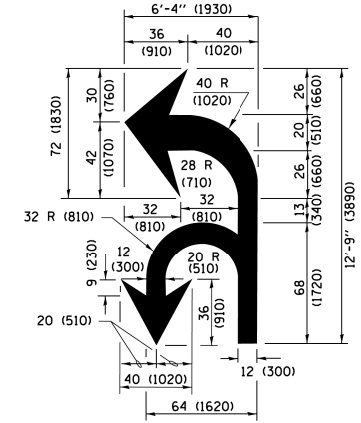
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



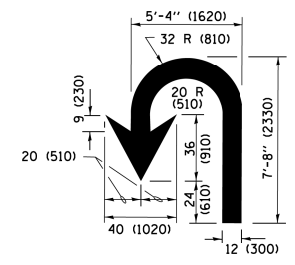
ISLAND OFFSET FROM PAVEMENT EDGE



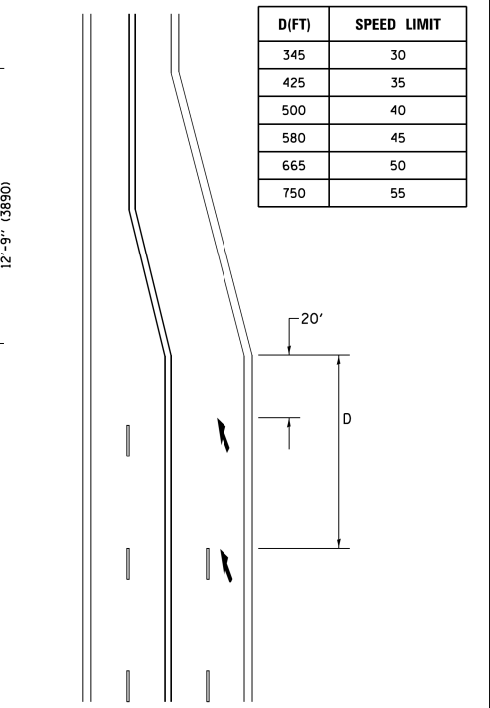
ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



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

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

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

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

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

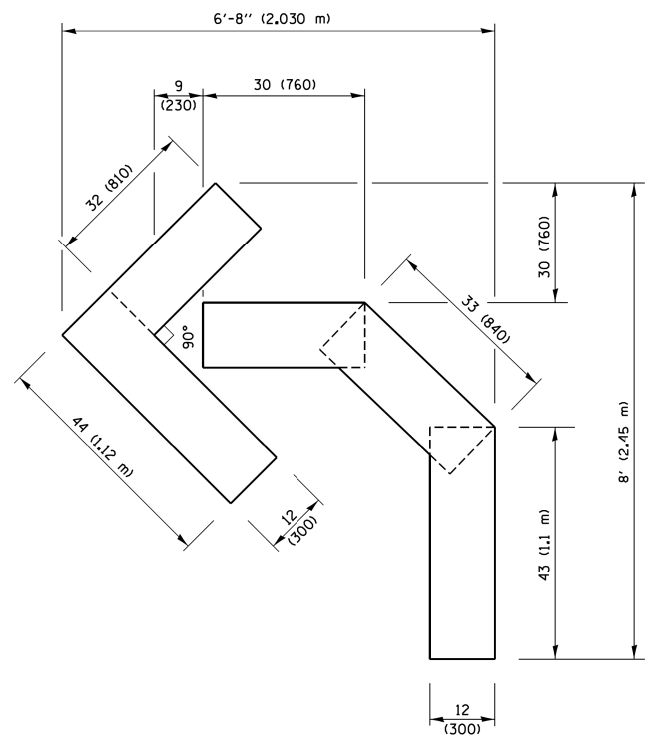
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	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

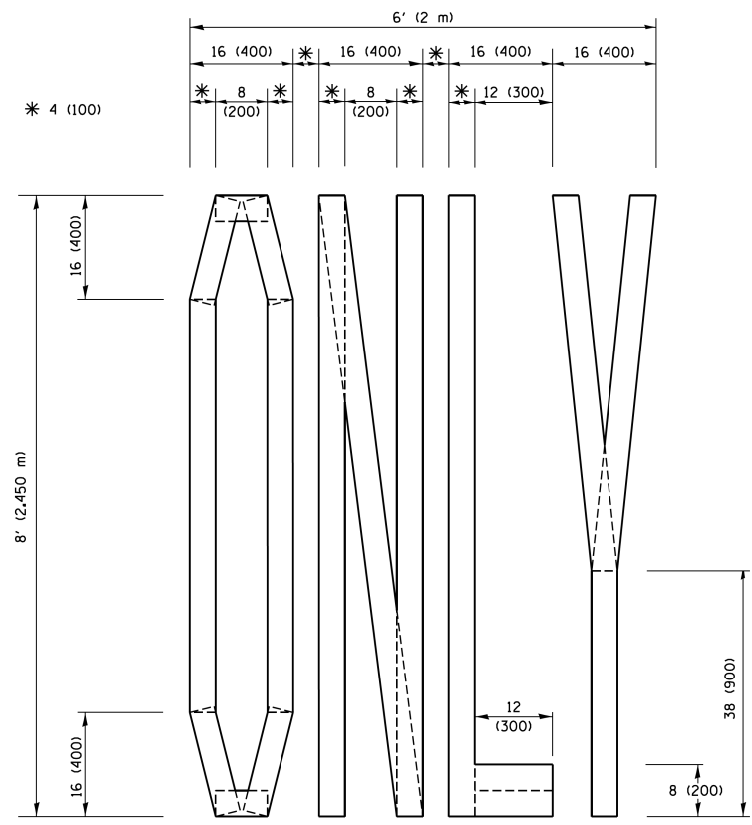
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

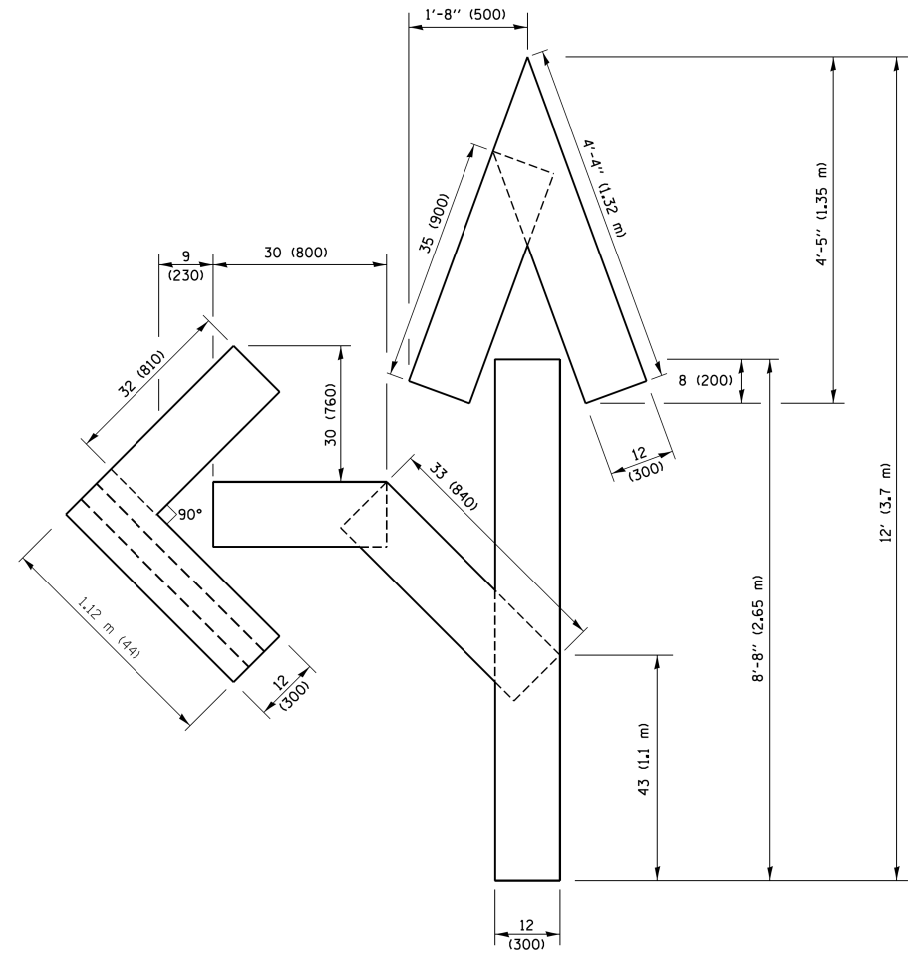
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	495
	TC-13	CONTRACT NO.	61H24	
ILLINOIS FED. AID PROJECT				



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

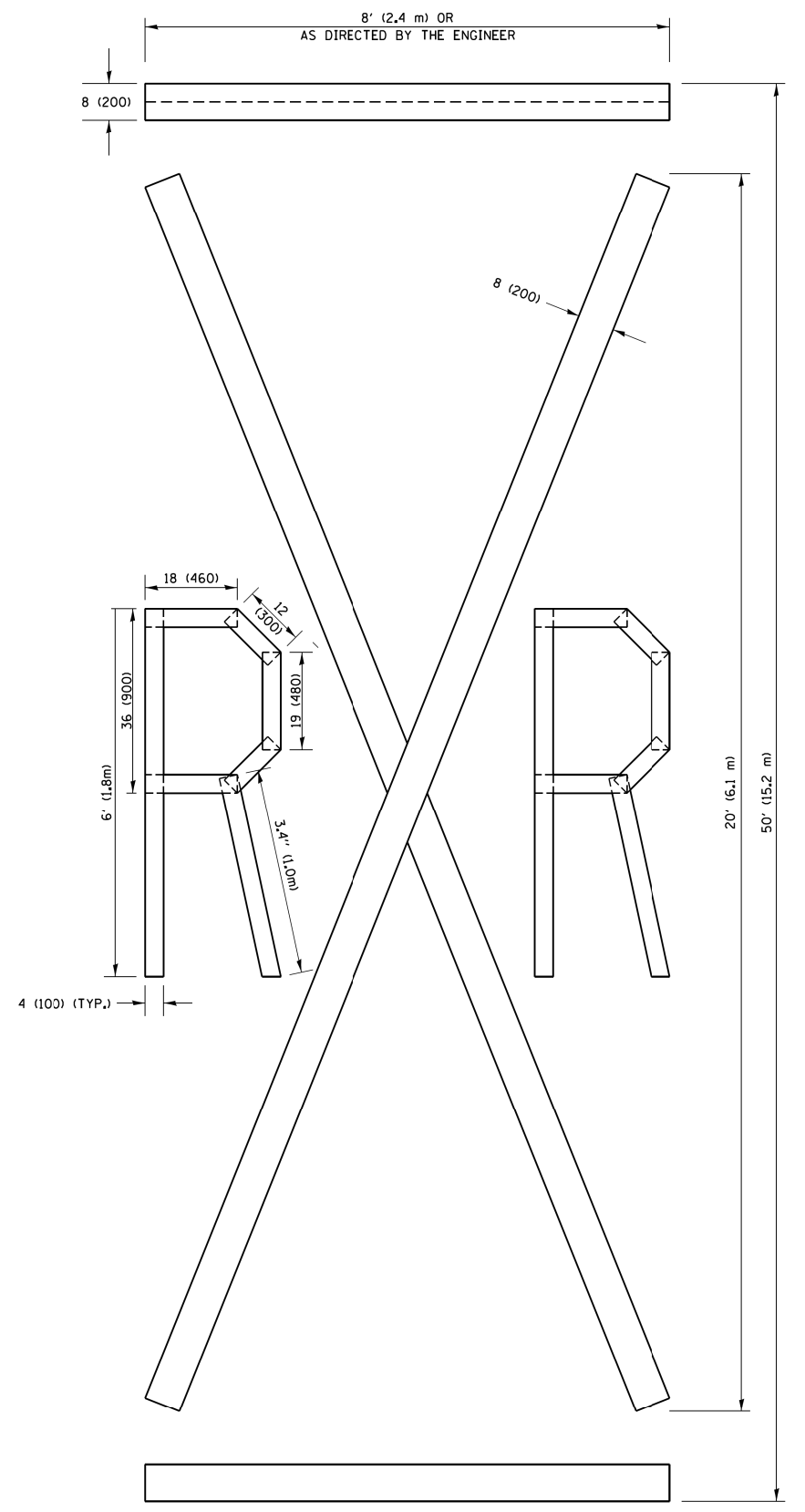


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

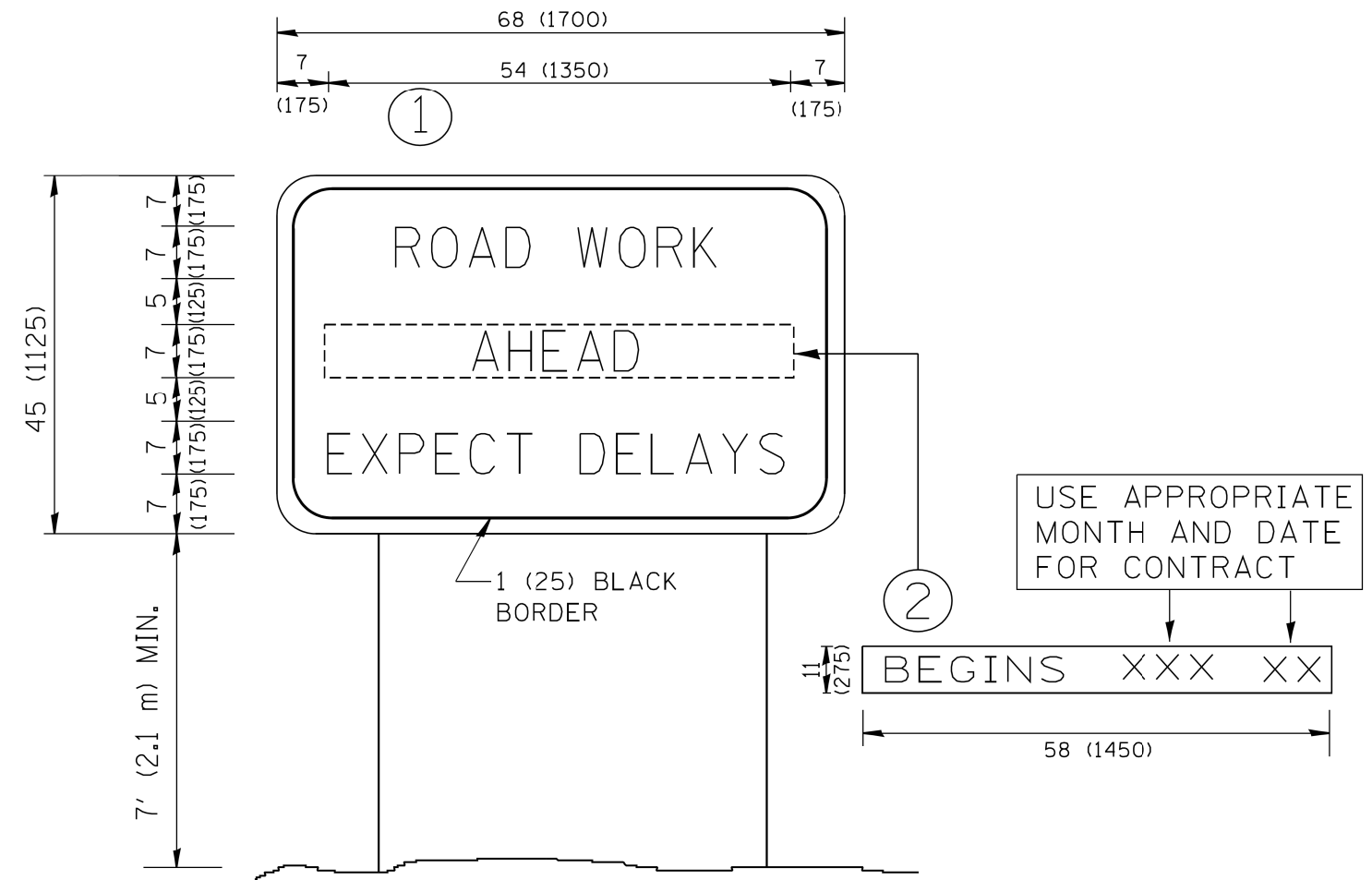
All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT SCALE = 50,0000 ' / in.	DATE - 09-18-94	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016	DATE - 09-18-94	CHECKED -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	496
TC-16		CONTRACT NO. 61H24		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



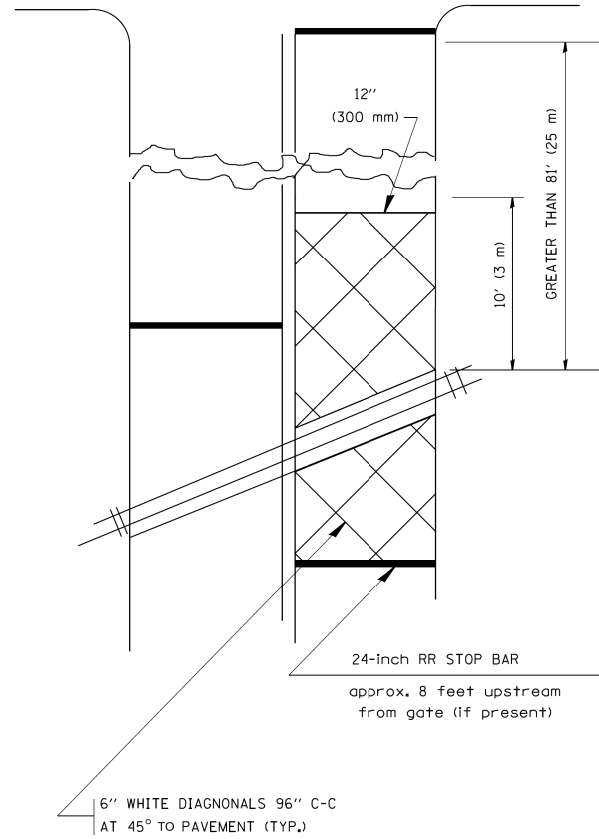
NOTES:

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

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

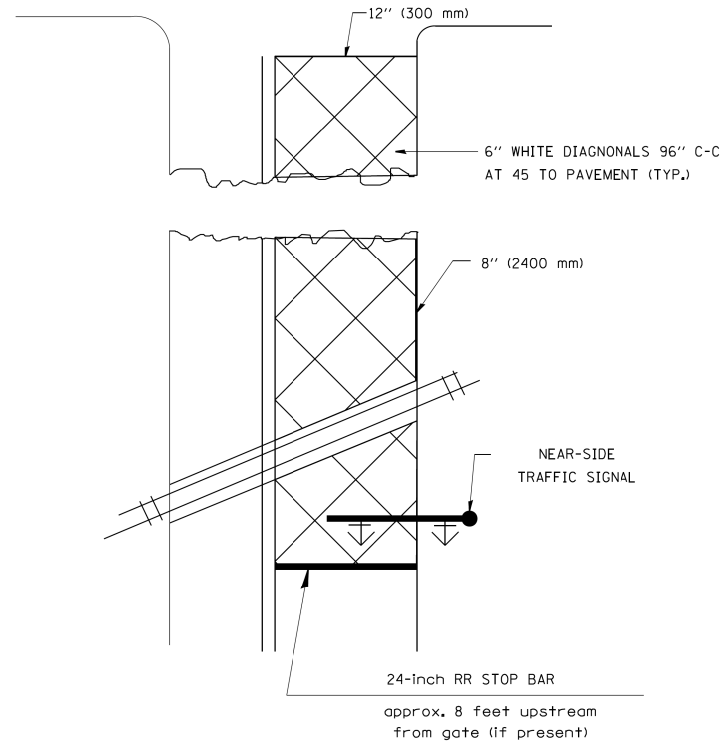
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	13-00170-00-RS	COOK	553	497
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07					TC-22		CONTRACT NO. 61H24		
					<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>							

WITH INTERSECTION TRAFFIC SIGNALS
(SEE NOTE 1)



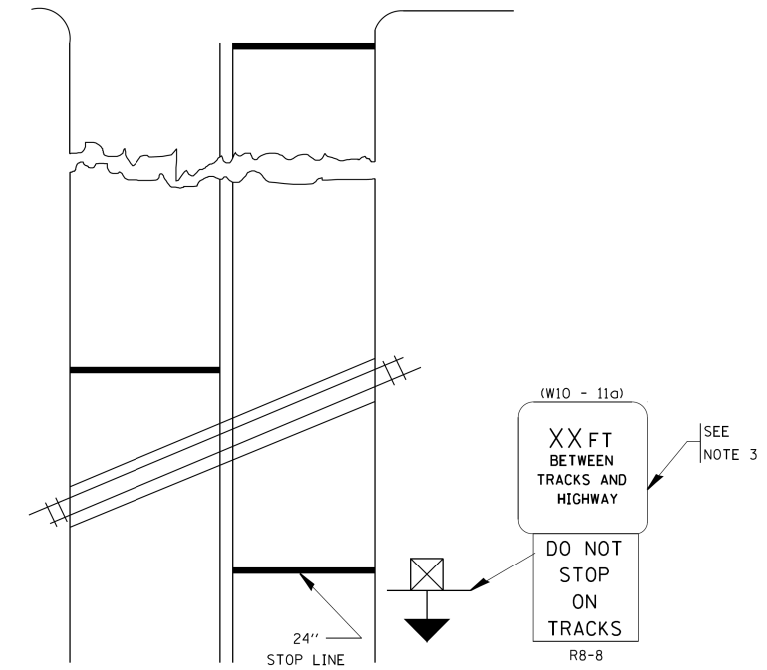
PLAN
N. T. S

WITH NEAR-SIDE TRAFFIC SIGNALS
(SEE NOTE 1 & 2)



PLAN
N. T. S

WITH NONSIGNALIZED INTERSECTION
81' (25 m) OR LESS TO CLOSEST RAIL

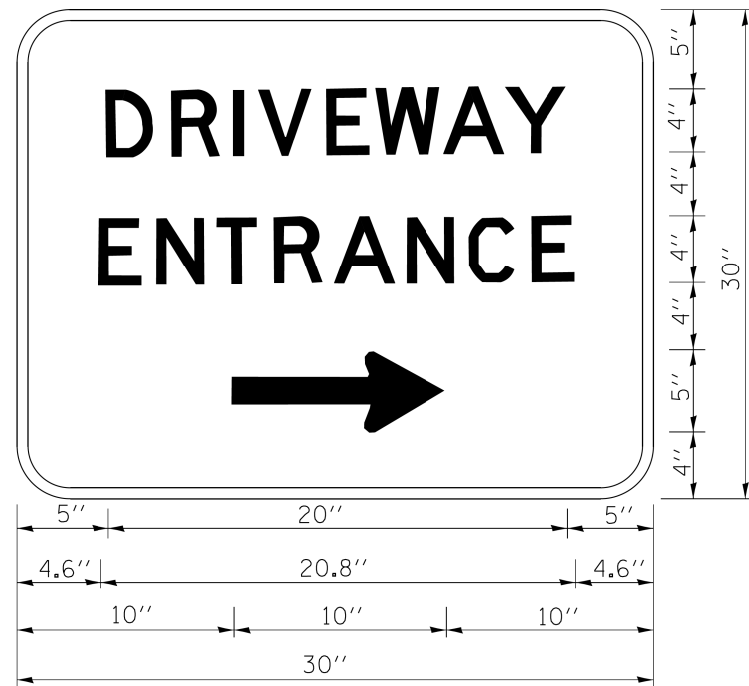


NOTES:

- PAVEMENT MARKINGS TO BE INSTALLED ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m). WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6-FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 04-26-12		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	13-00170-00-RS	COOK	553	498
		CHECKED -	REVISED -					TC-23		CONTRACT NO. 61H24		
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		PLOT SCALE = 50.000' / in.										
		PLOT DATE = 5/7/2012										



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

NOTES:

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

FILE NAME =	USER NAME = gaglanobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
et:\pwork\pwork\gaglanobt\d0108315\to	gaglanobt	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

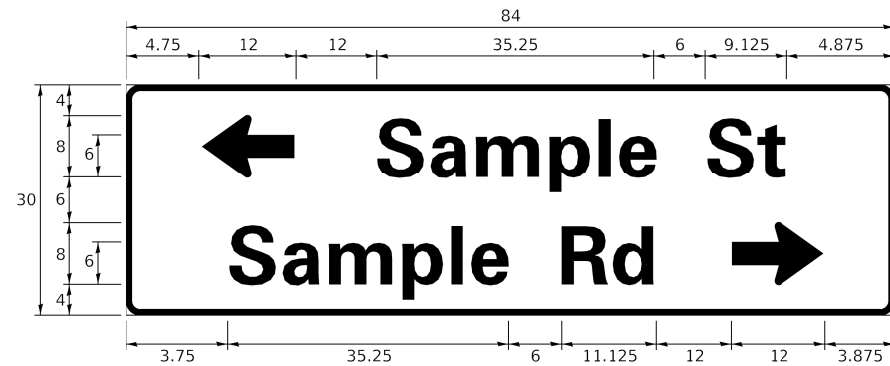
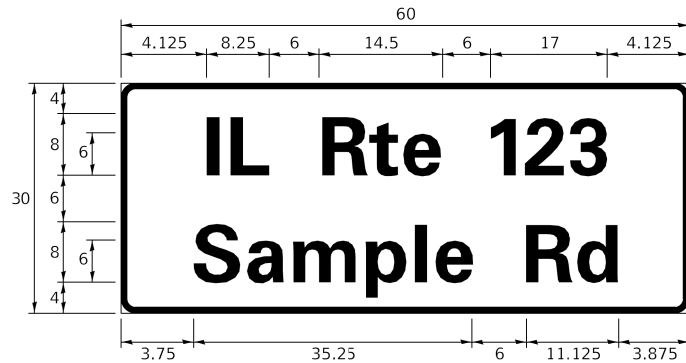
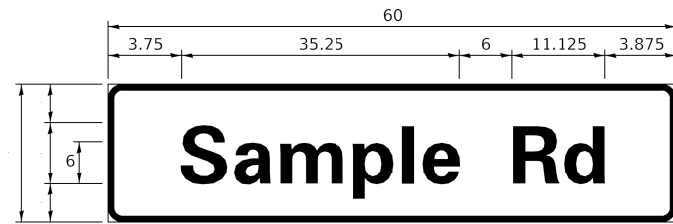
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	499
TC-26			CONTRACT NO. 61H24	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

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

LOCAL SUPPLIERS:

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

PARTS LISTING:

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

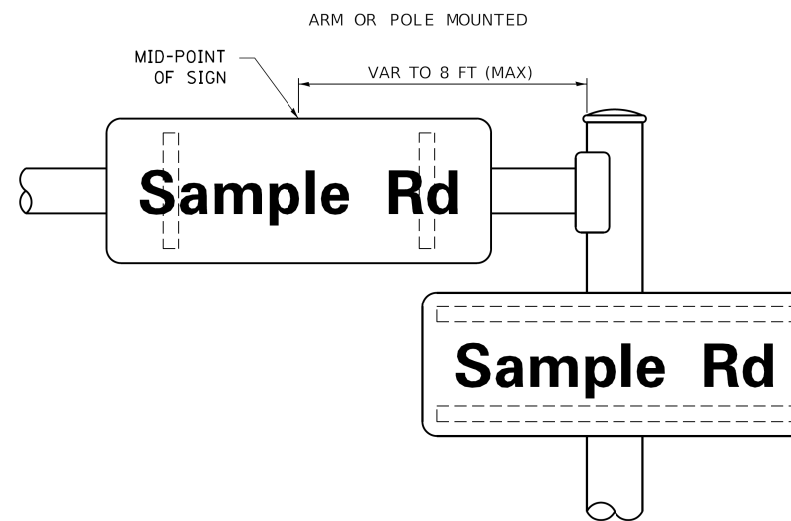
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

STANDARD ALPHABETS SPACING CHART

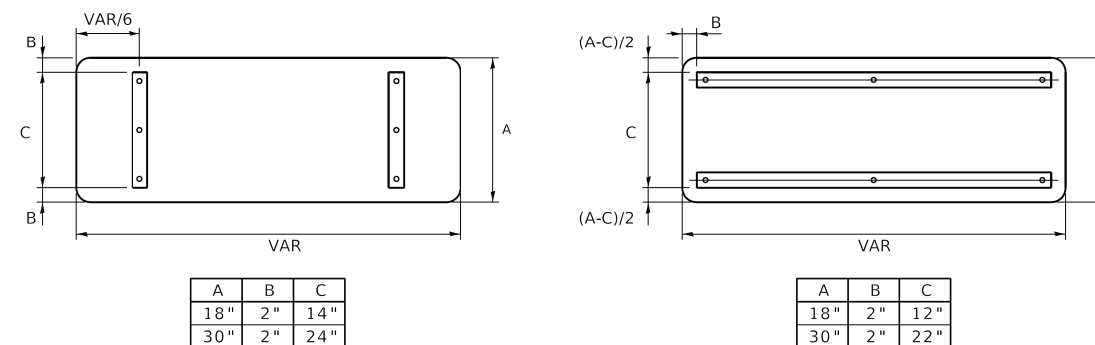
(8") UPPER CASE AND (6") LOWER CASE

CHARACTER	FHWA SERIES "C"			FHWA SERIES "D"			
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

MOUNTING LOCATION



SUPPORTING CHANNELS



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

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

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PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	500
	TS-02	CONTRACT NO. 61H24		
ILLINOIS		FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

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PLOT DATE = 3/4/2019	CHECKED - LP	REVISED -
	DATE - 9/29/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

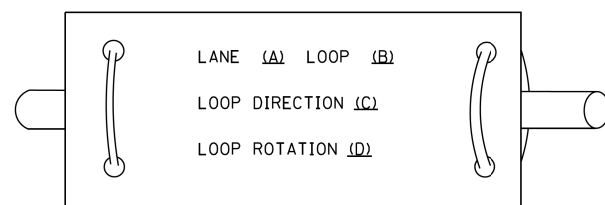
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-R5	COOK	553	501
TS-05		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT				

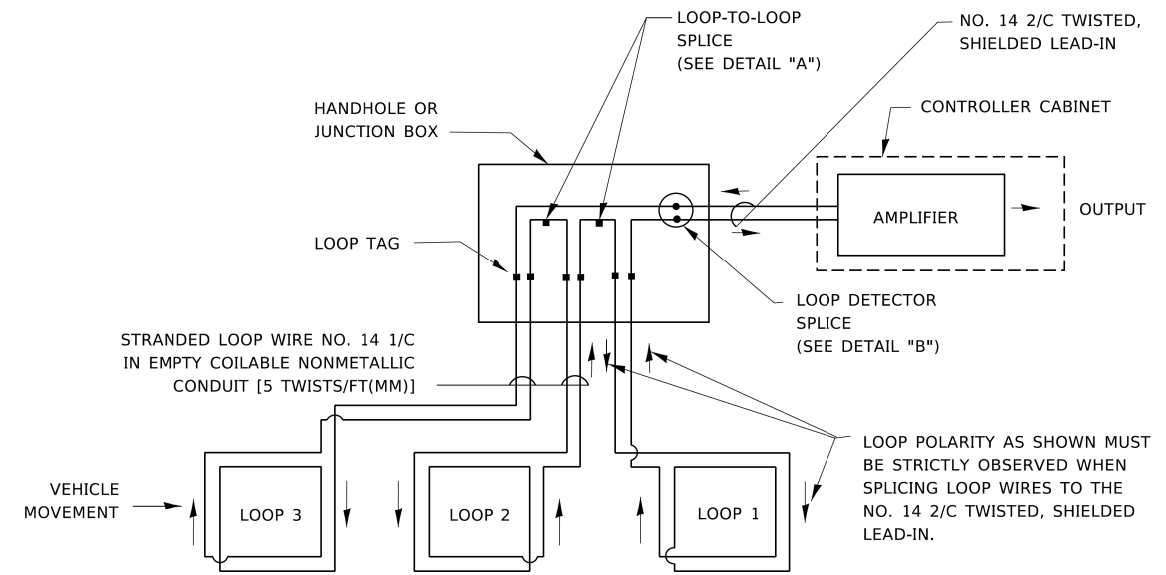
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

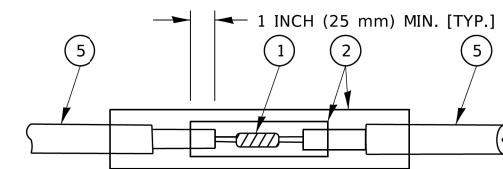


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

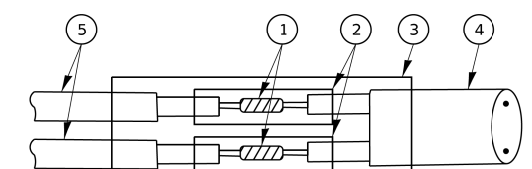


DETECTOR LOOP WIRING SCHEMATIC

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

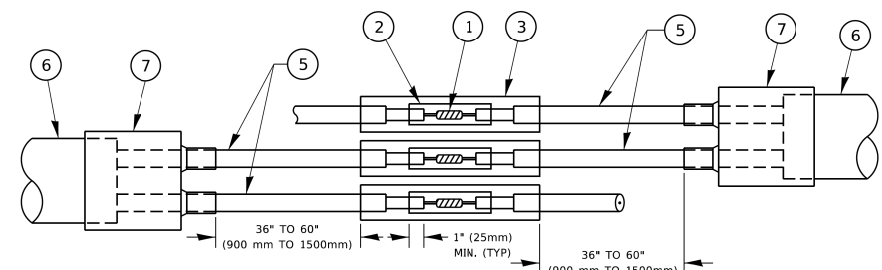


DETAIL "A"
LOOP-TO-LOOP SPLICE

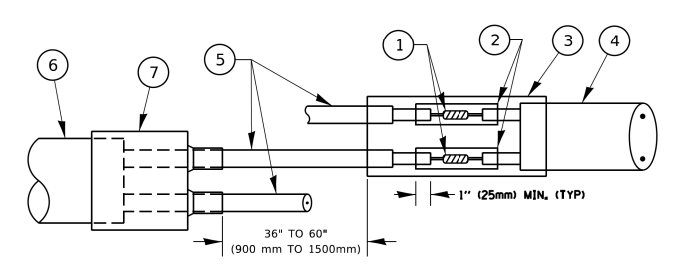


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

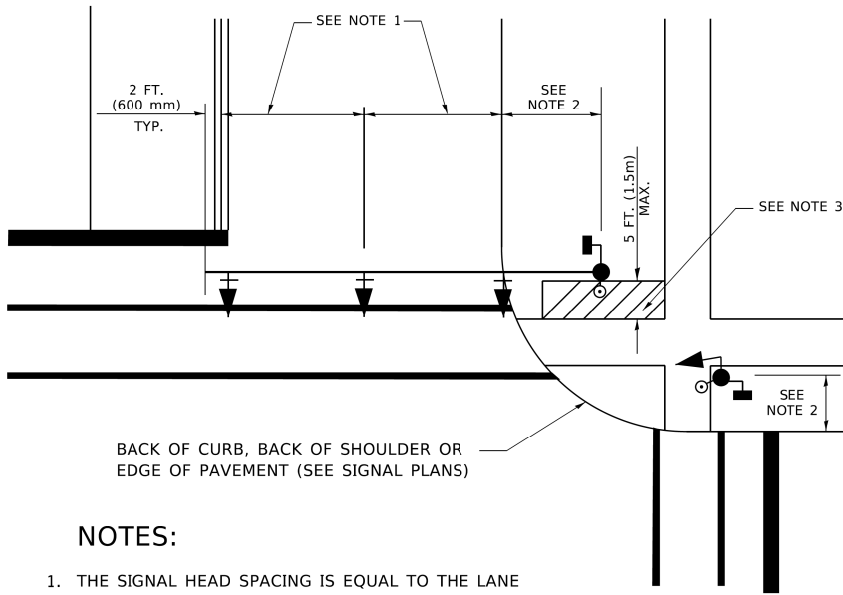
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	502
TS-05			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

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

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

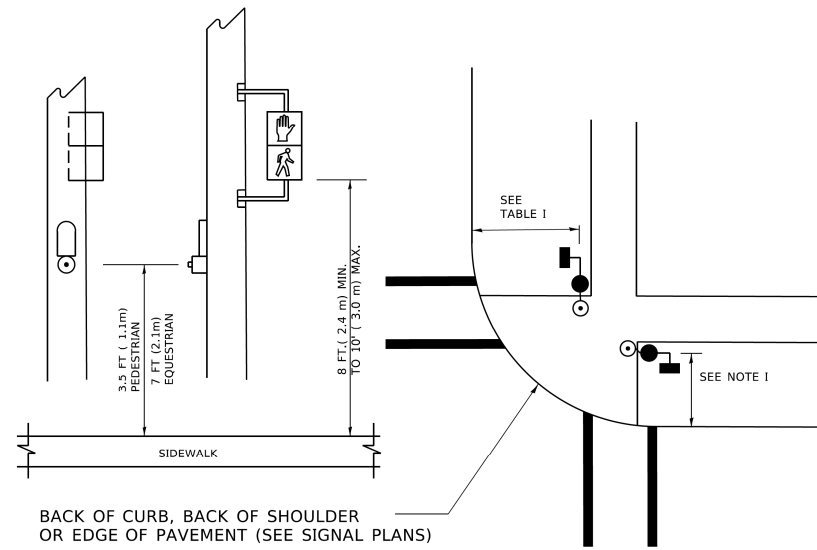
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

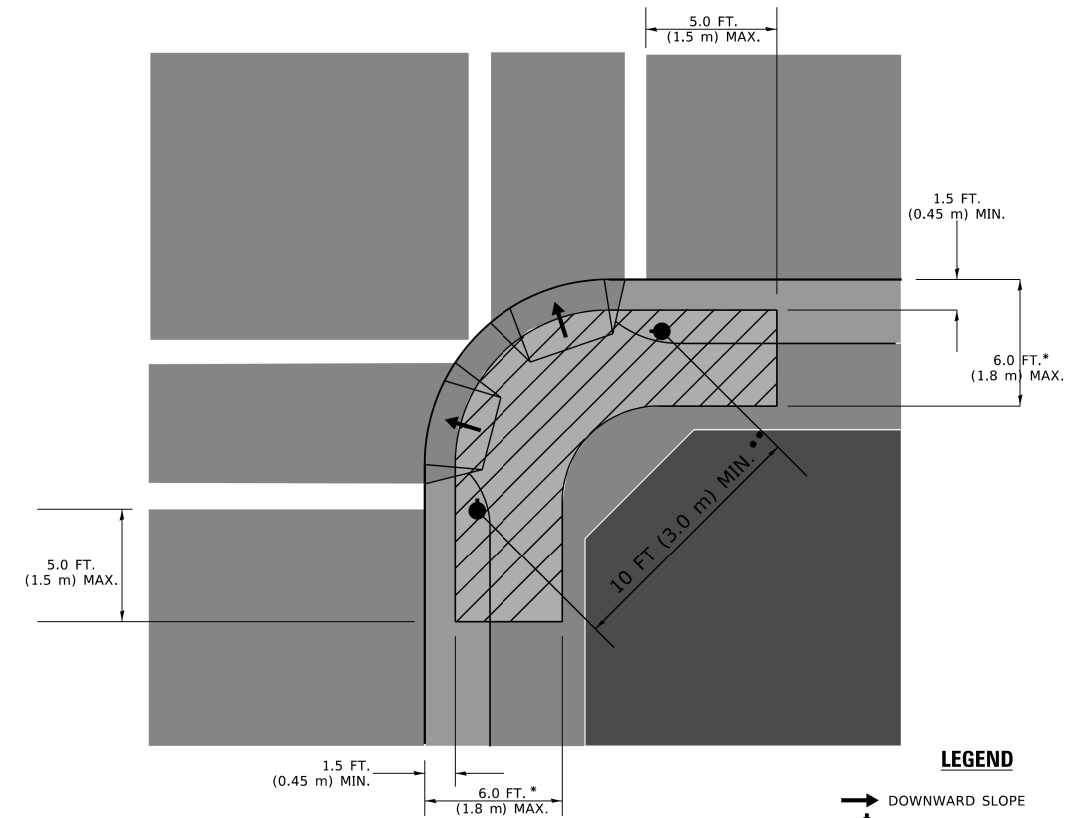
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

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

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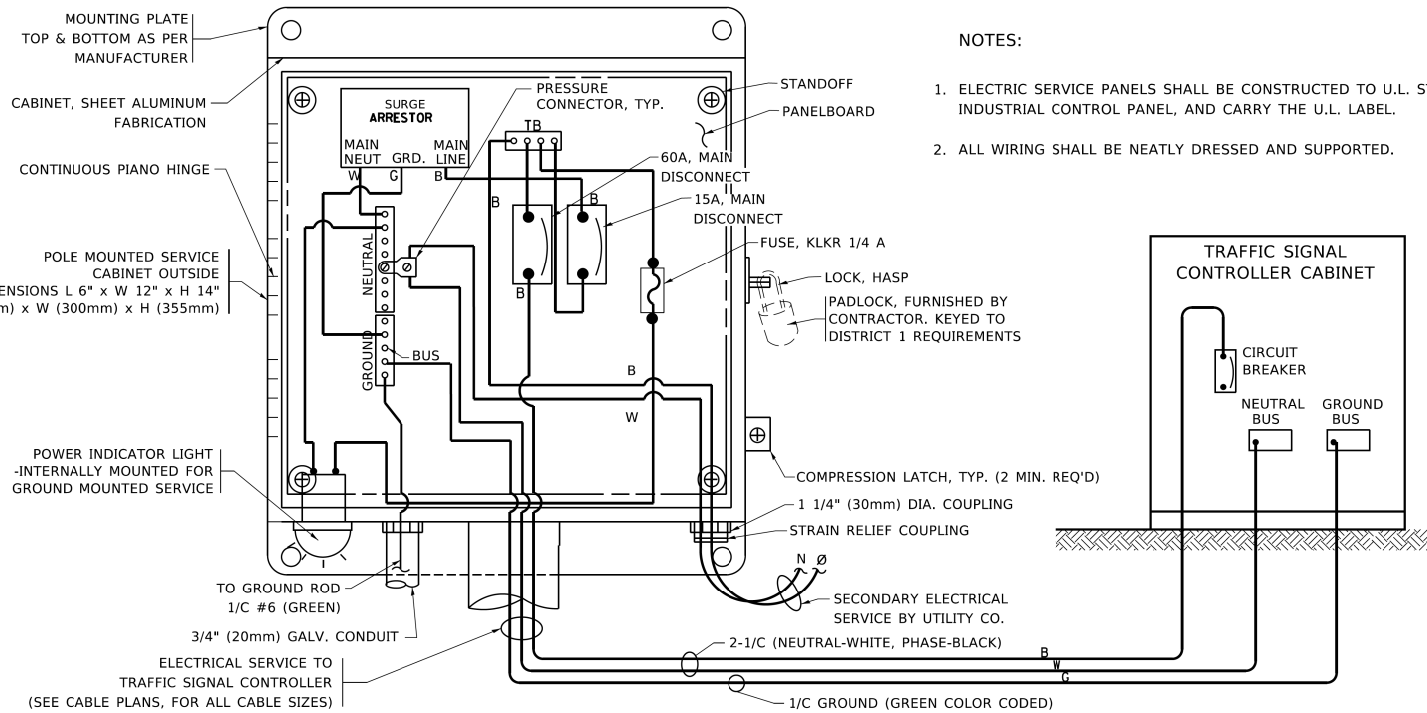
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

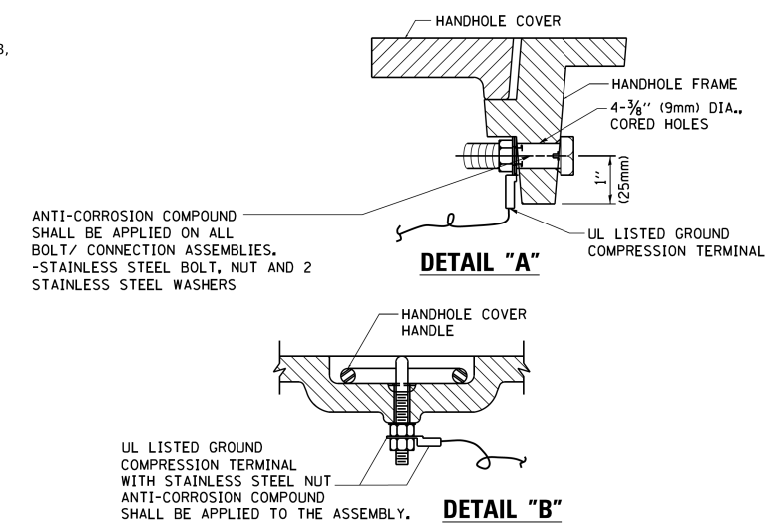
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

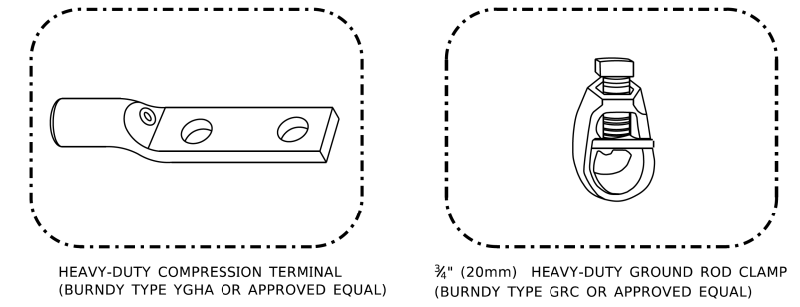
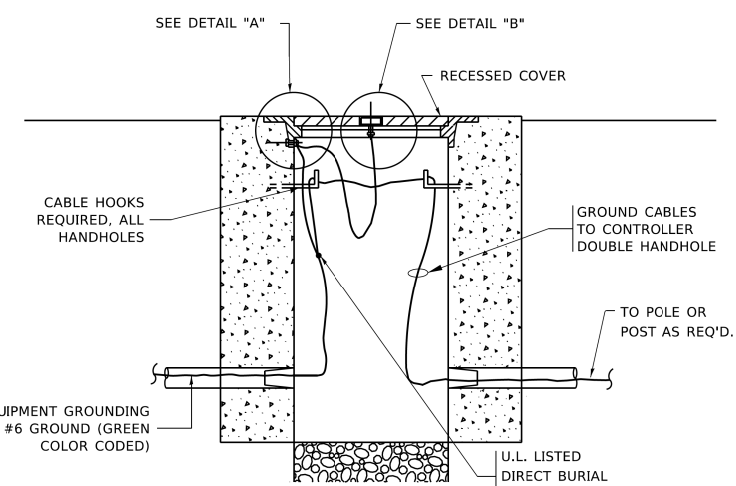


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



NOTES:
GROUNDING SYSTEM

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

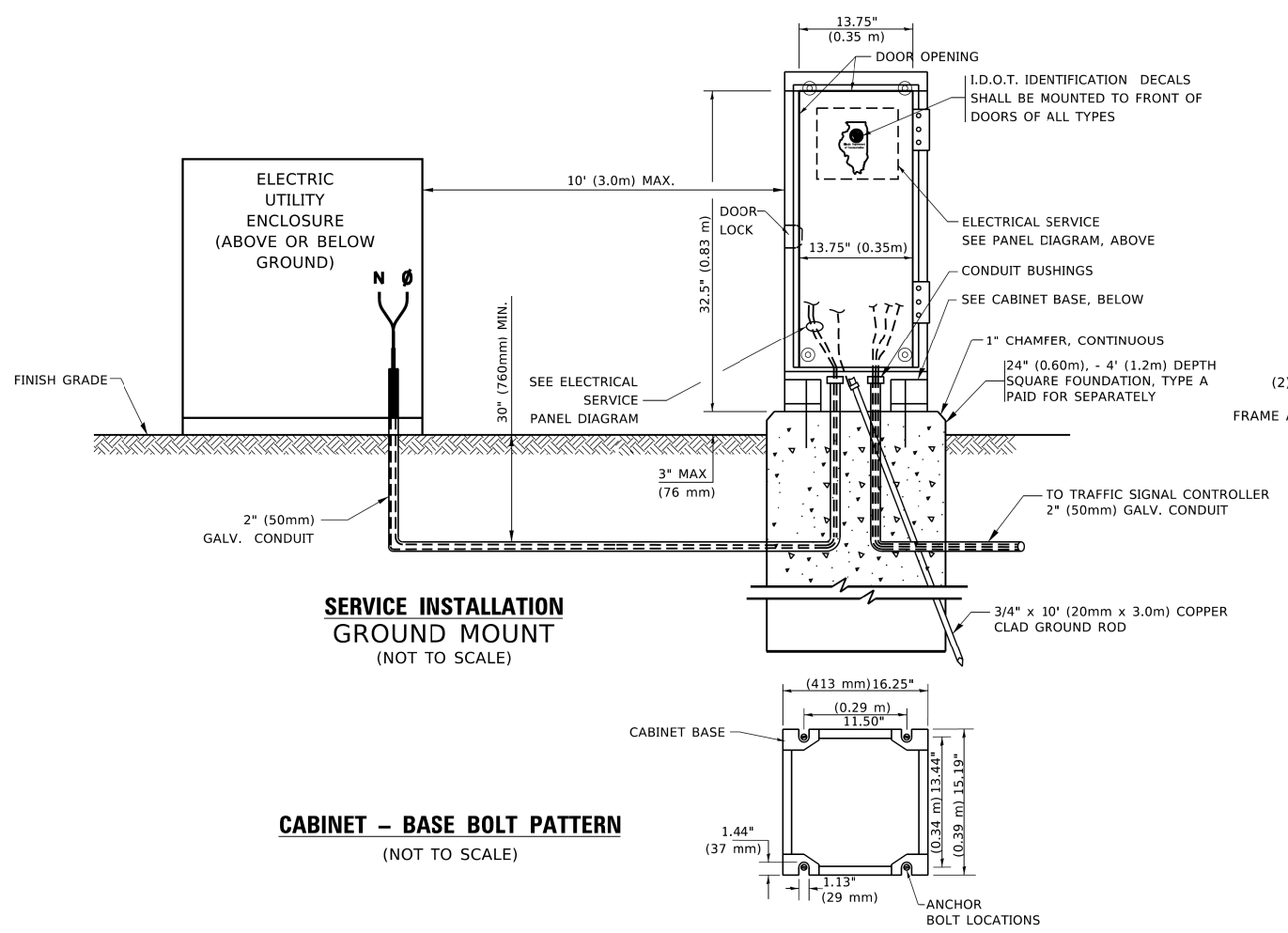
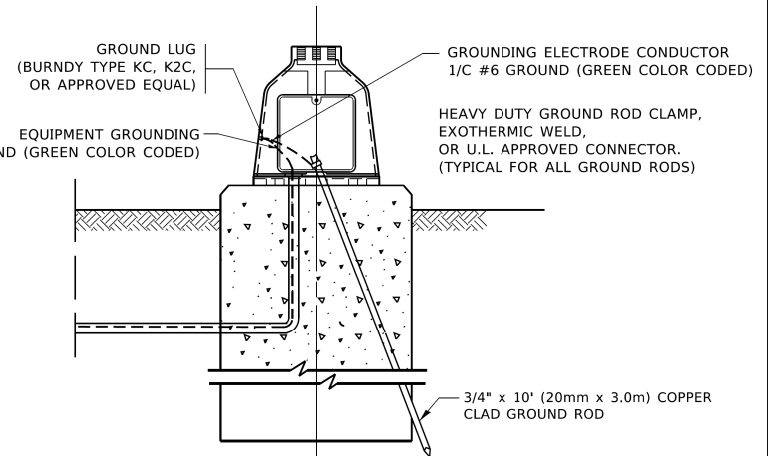
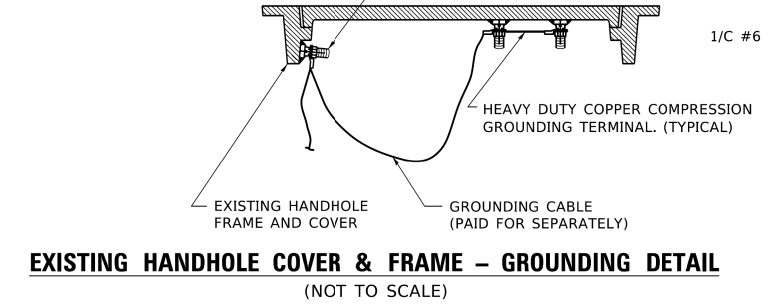


NOTES:

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

HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

(2) 1/2" x 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO FRAME AND TO COVER. (TYPICAL). ANTI-CORROSION COMPOUND SHALL BE APPLIED TO EACH ASSEMBLY.



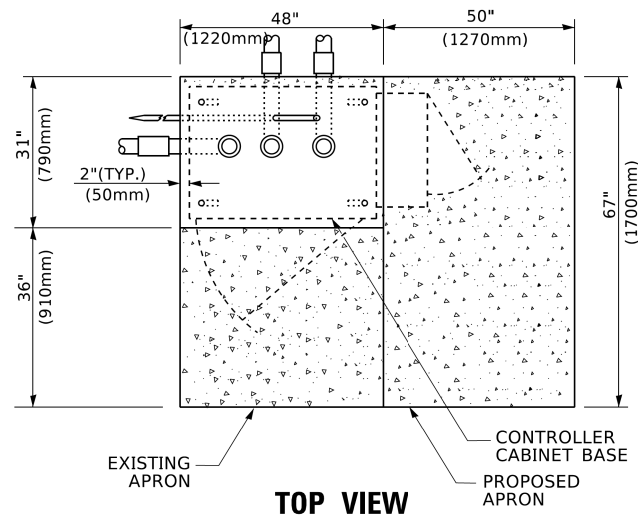
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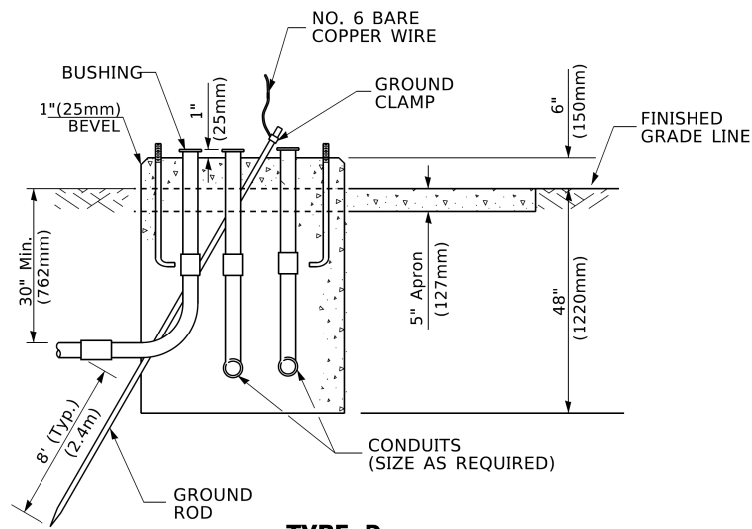
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 4	OF 7 SHEETS	STA. TO STA.

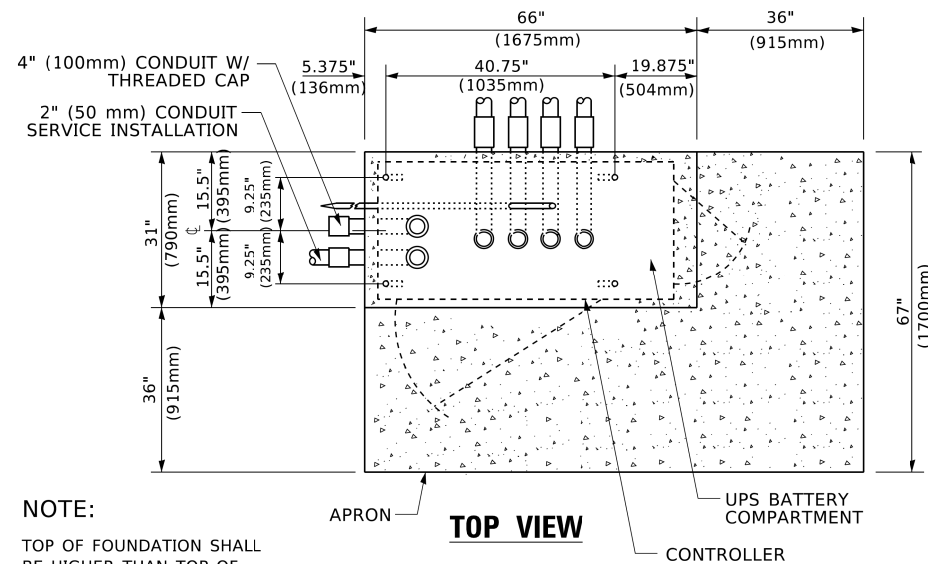
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	504
TS-05		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT				



TOP VIEW

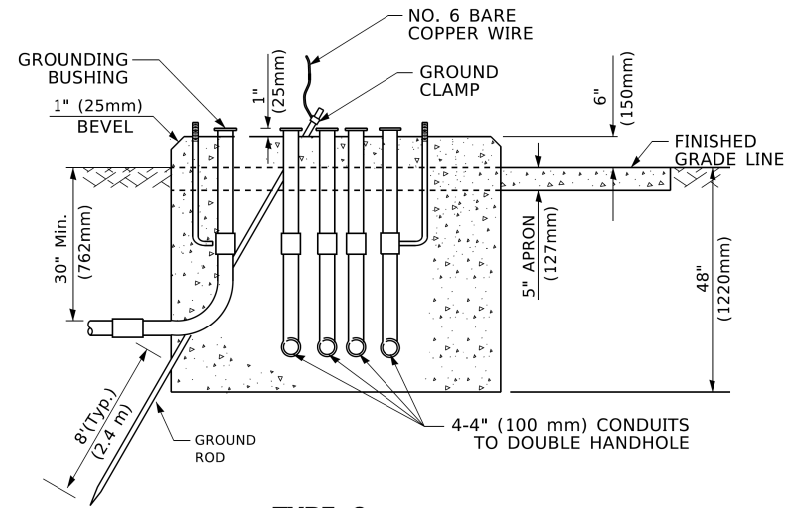


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

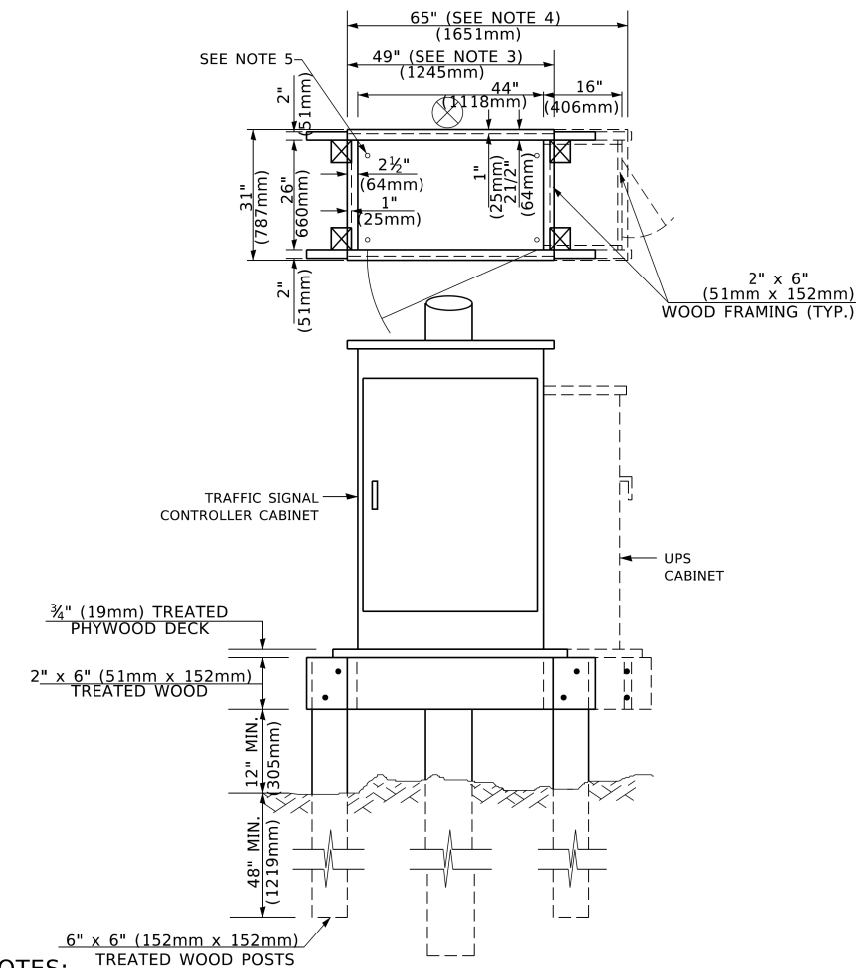


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



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



- NOTES:**
- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26\"/>
 - BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16\"/>
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	24" (600mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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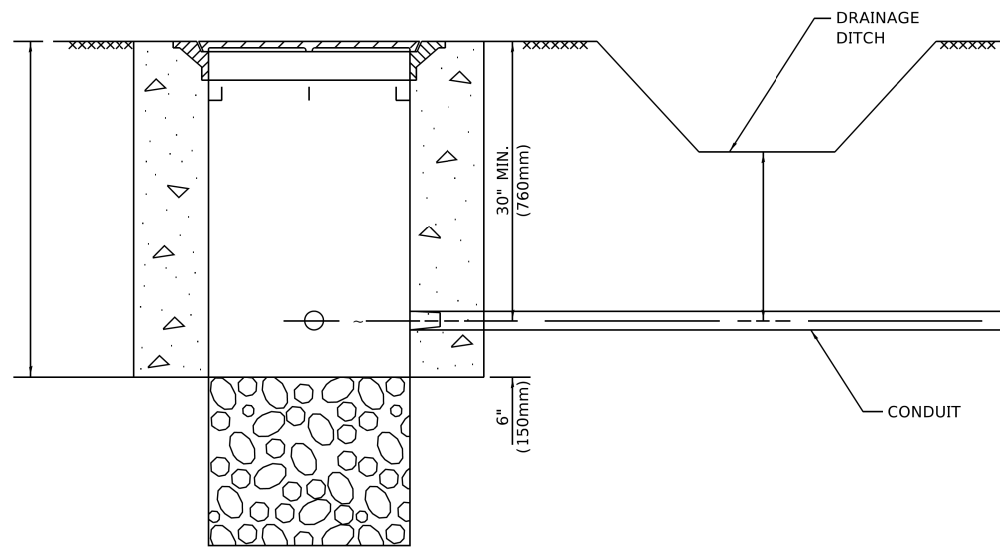
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

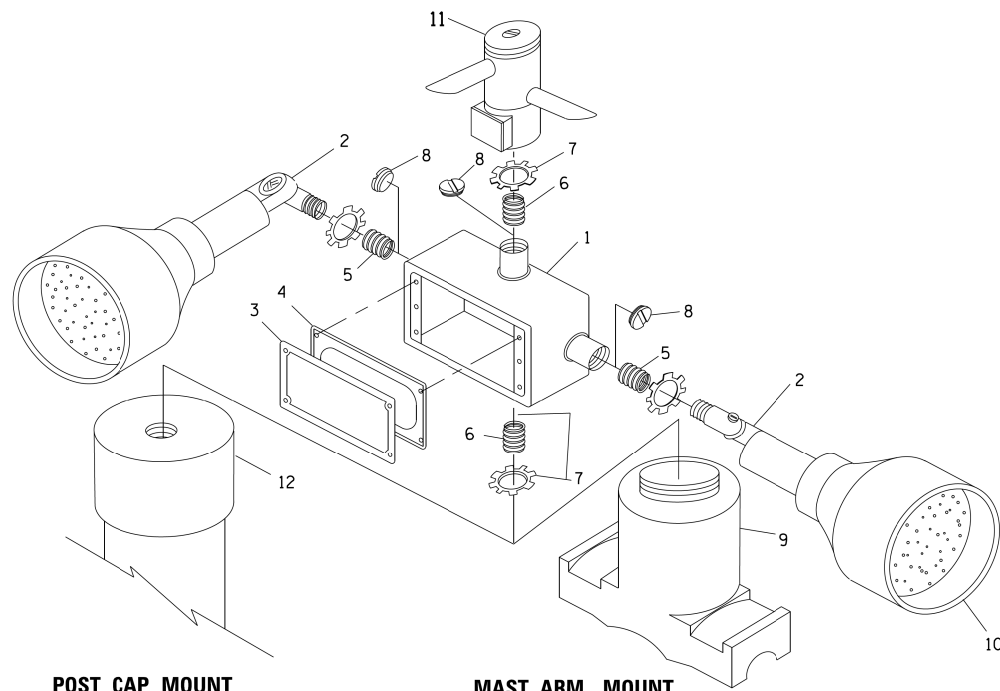
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	505
TS-05			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				



NOTES:

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

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

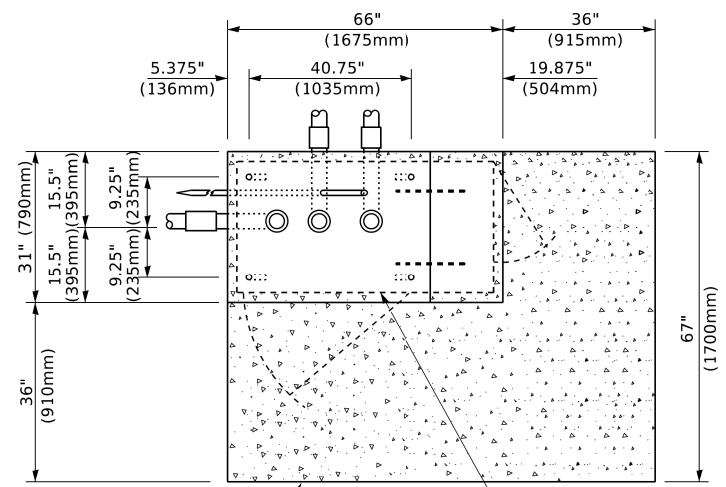


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL

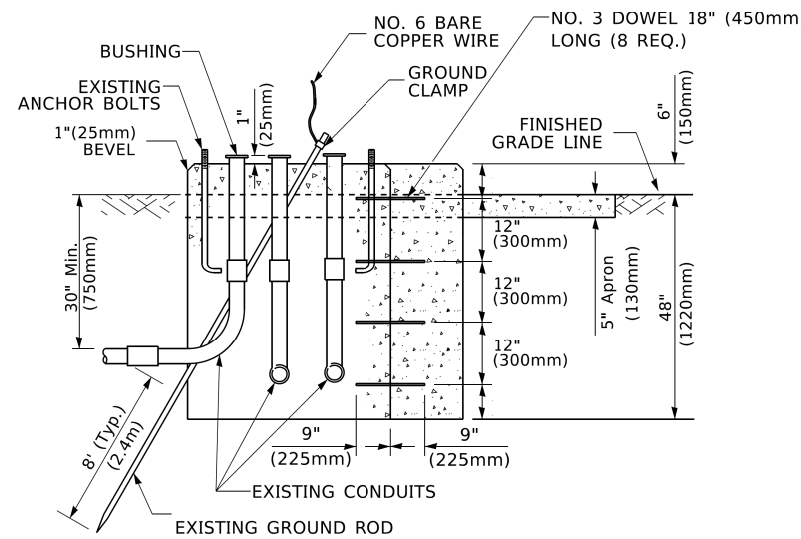
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT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

NOTES:

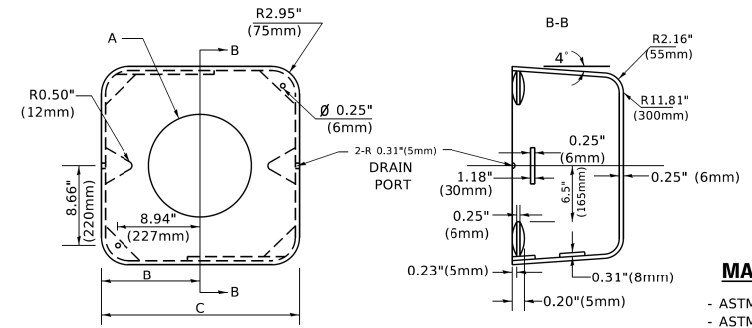
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE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



TOP VIEW
(NOT TO SCALE)



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



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

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

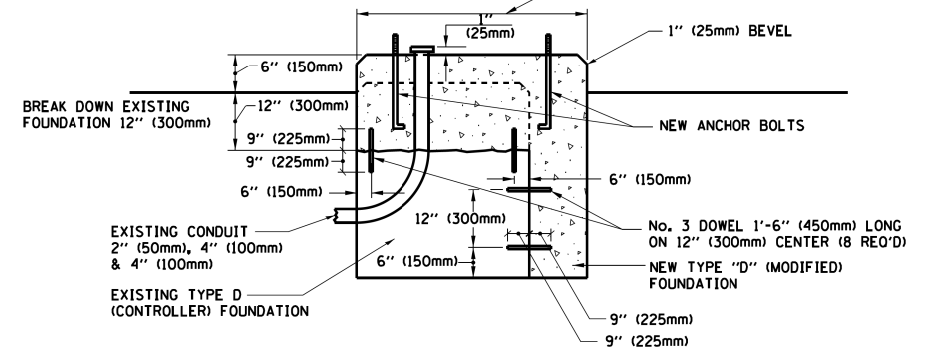
SHROUD

NOTES:

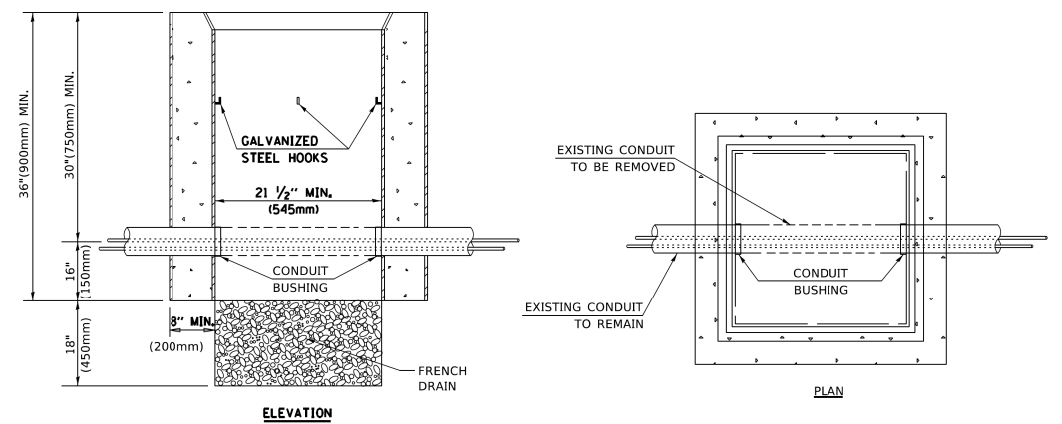
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

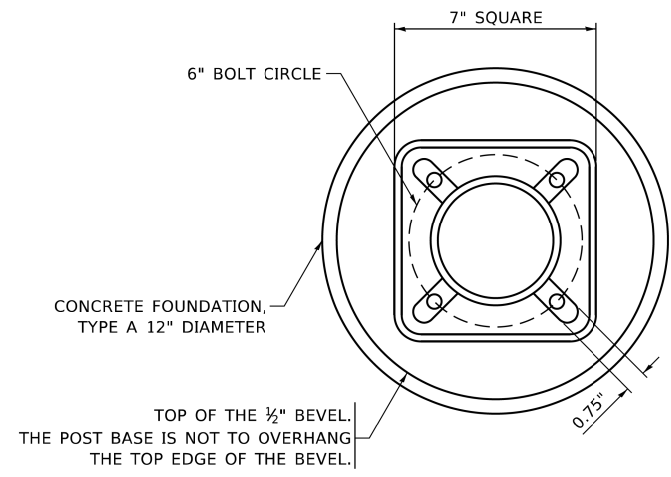
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

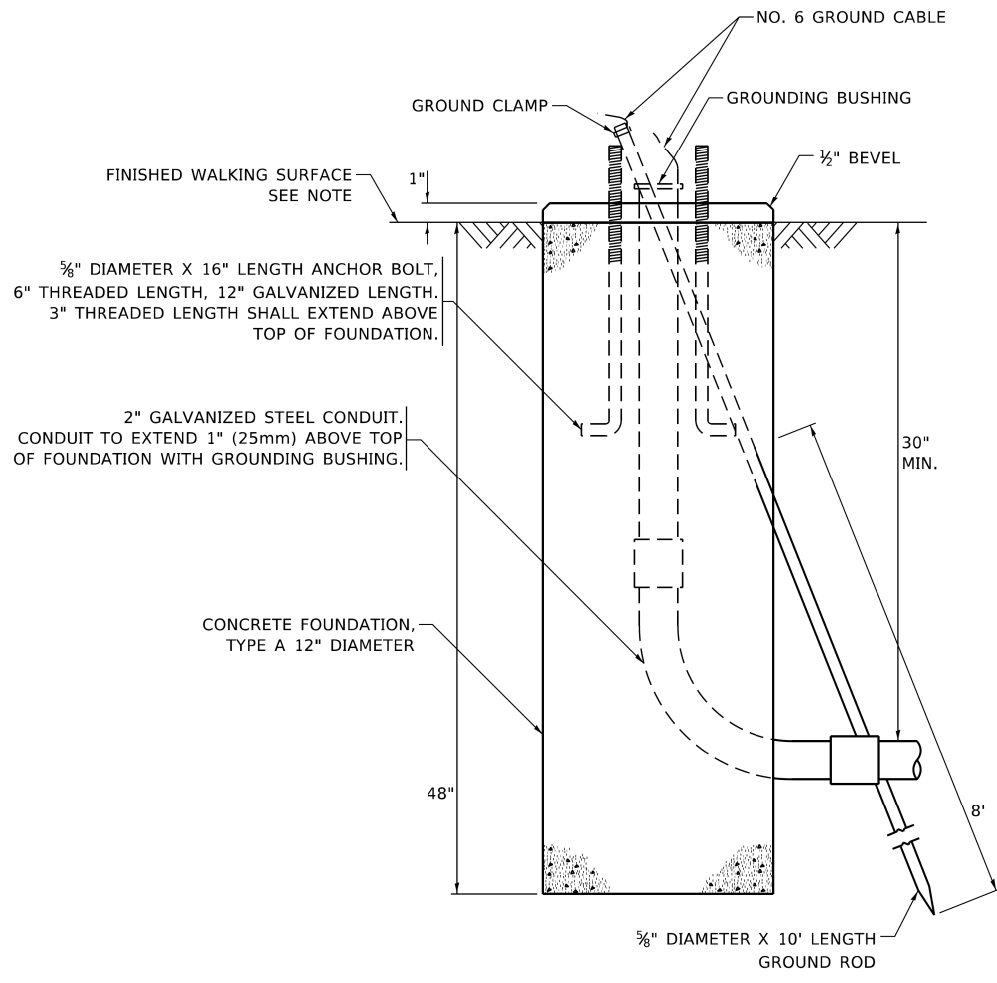
DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	506
TS-05		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT				

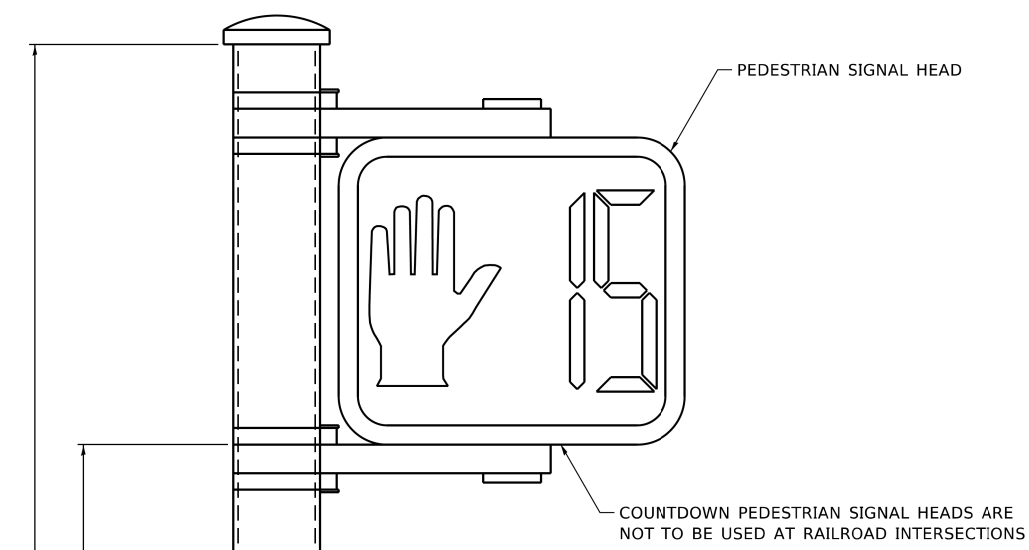


BOLT PATTERN

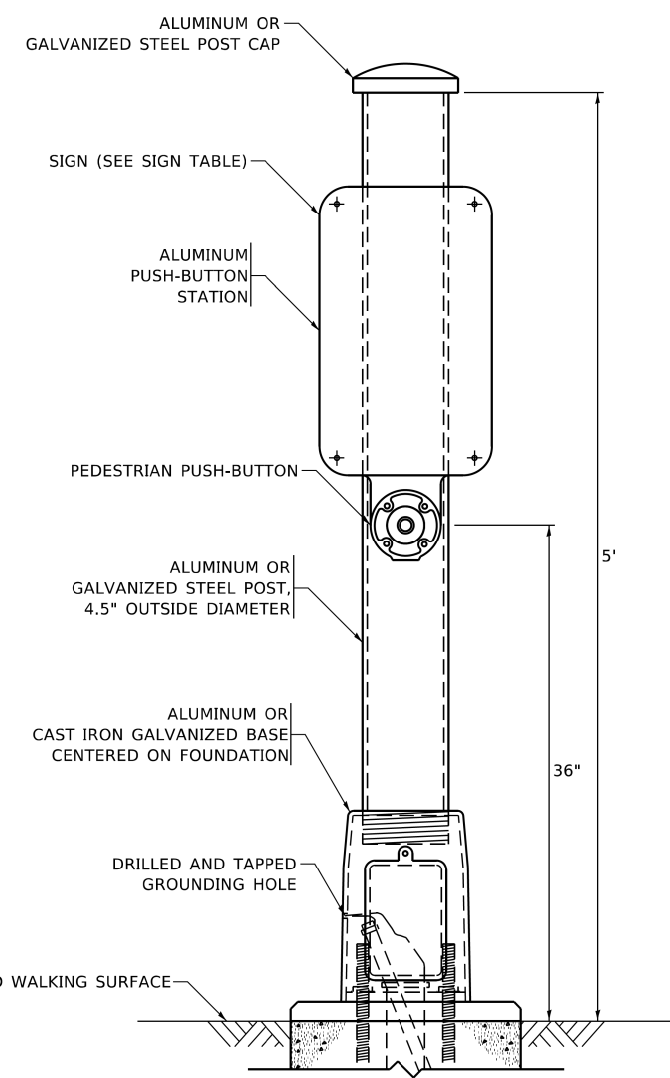
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



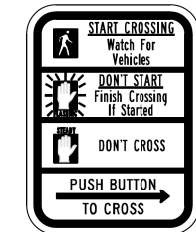
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



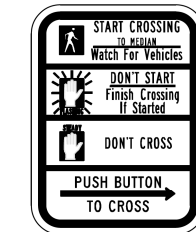
PEDESTRIAN SIGNAL POST, 10 FT.



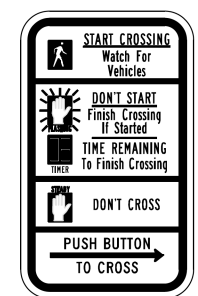
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

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

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

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 DATE: 11/23/2020

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 DEPARTMENT OF TRANSPORTATION**

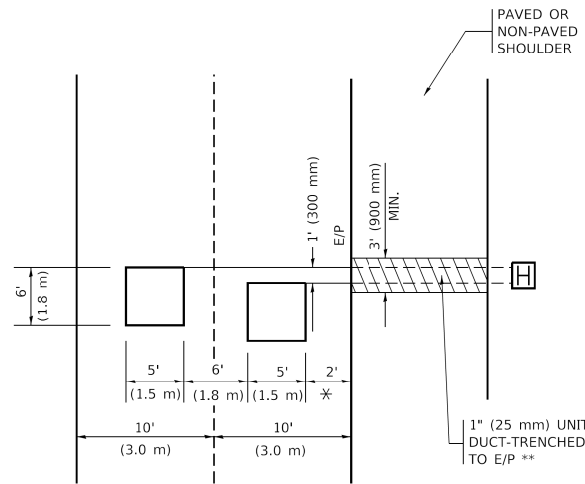
**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	507
TS-05		CONTRACT NO. 61H24		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

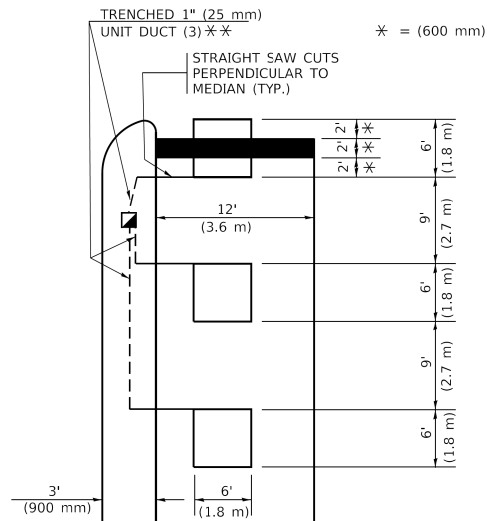


* = (600 mm)

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

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

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

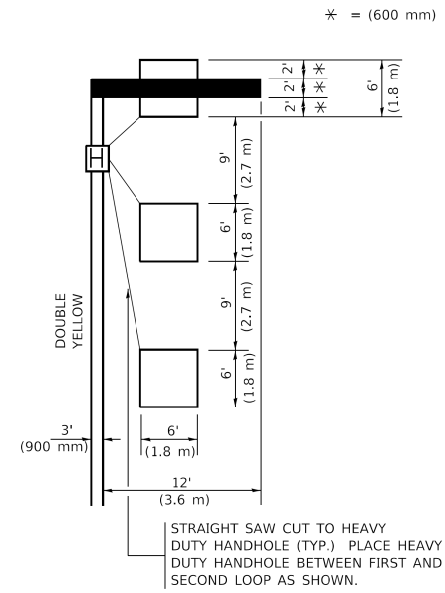


* = (600 mm)

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

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

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



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

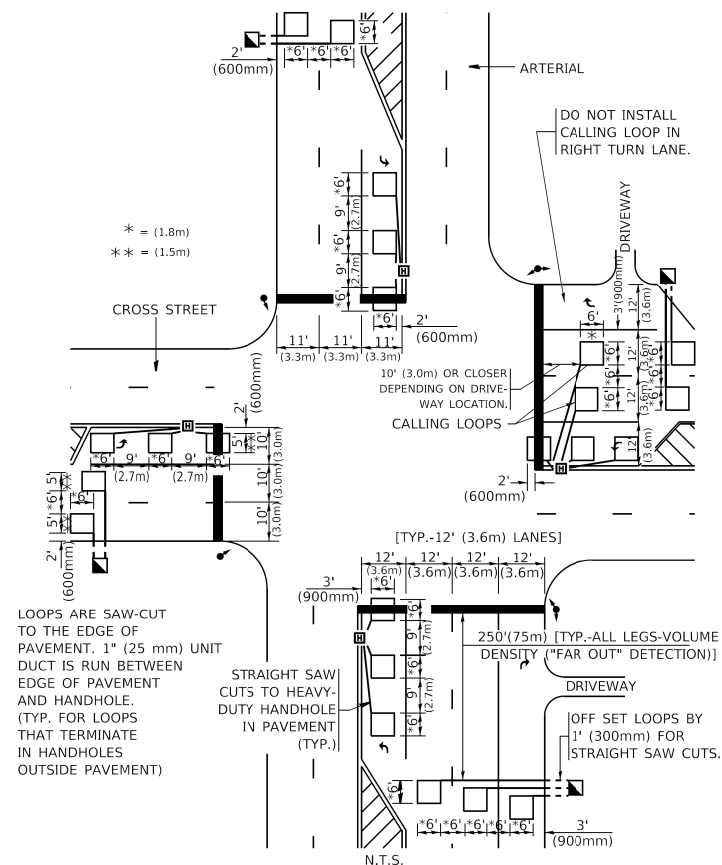
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

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

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



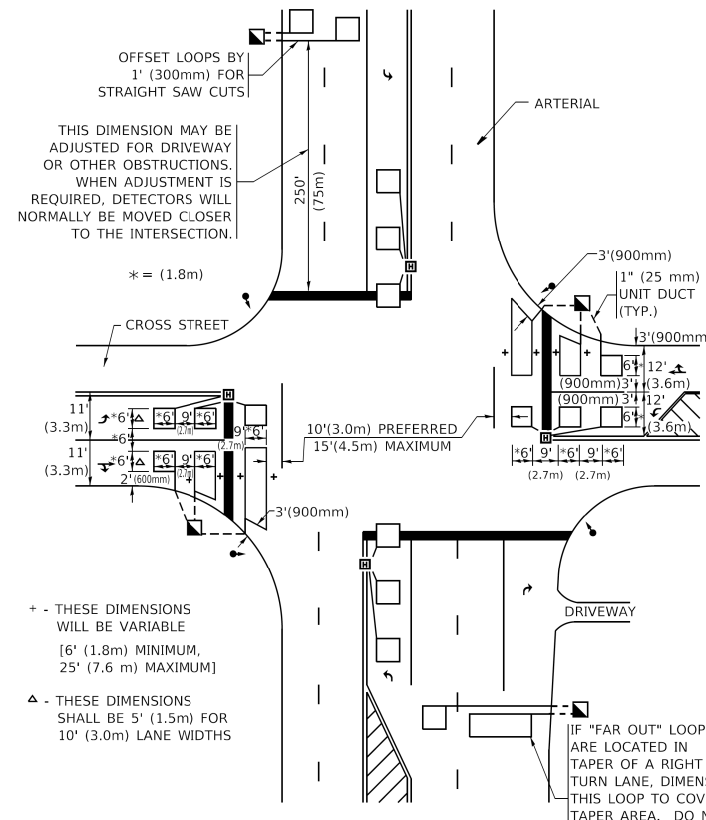
* = (1.8m)
 ** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
 N.T.S.

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



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
 N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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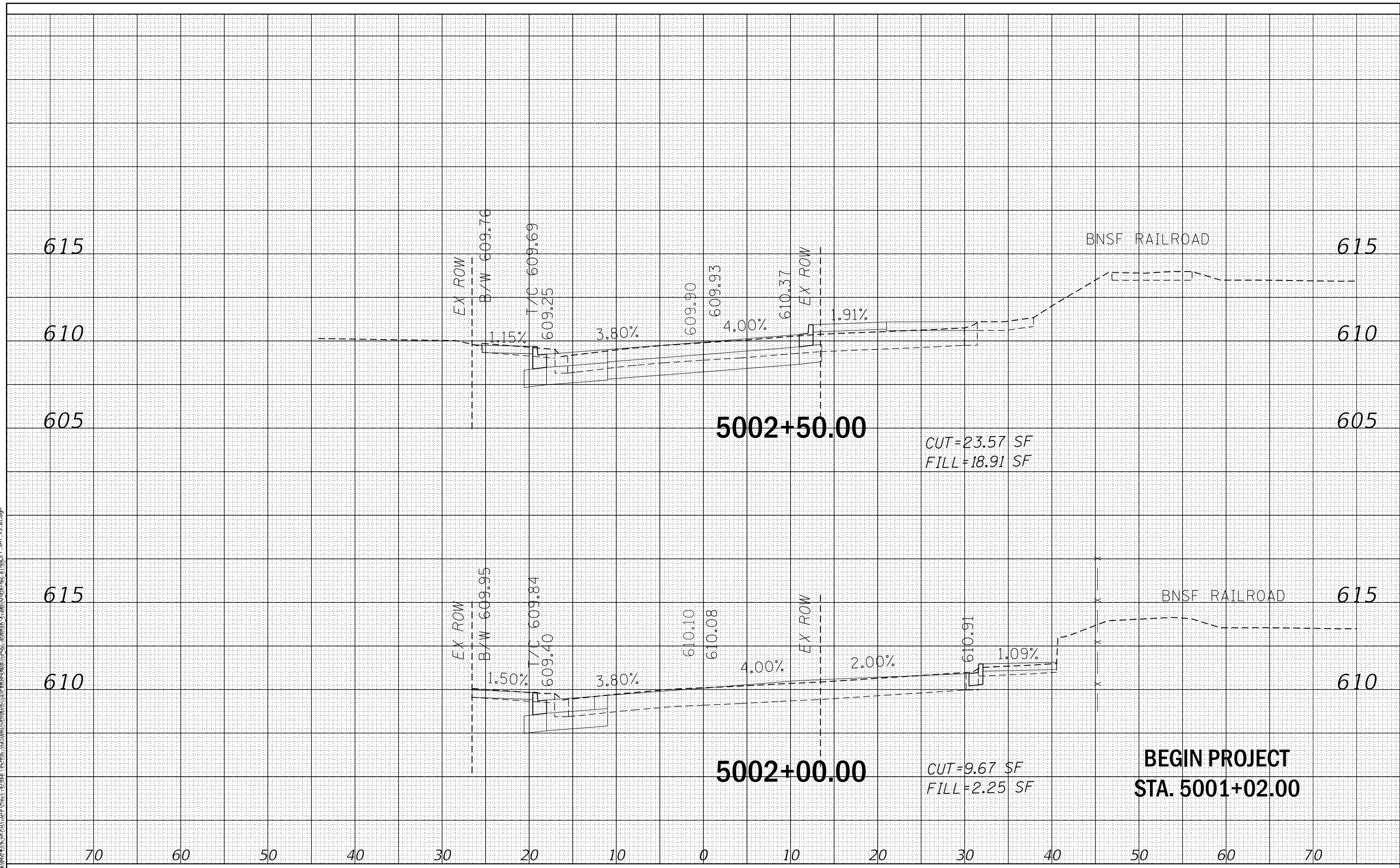
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00170-00-RS	COOK	553	508
	TS-07		CONTRACT NO.	61H24
		ILLINOIS	FED. AID PROJECT	

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

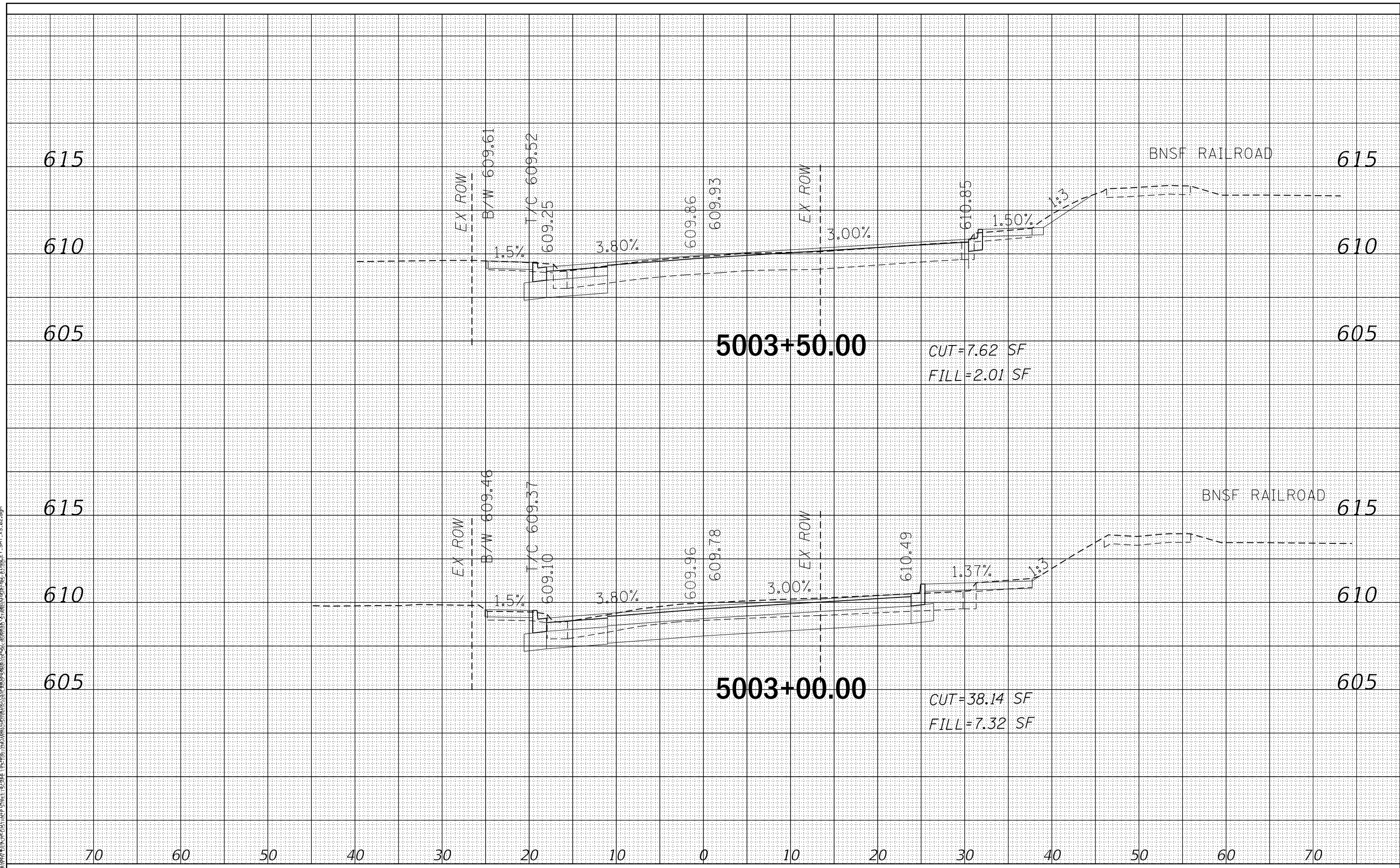
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 STANLEY AVENUE CROSS SECTIONS
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	509
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLOT DATE =	11/29/2021	DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 2 OF 21 SHEETS		STA. 5003+00.00 TO STA. 5003+50.00	
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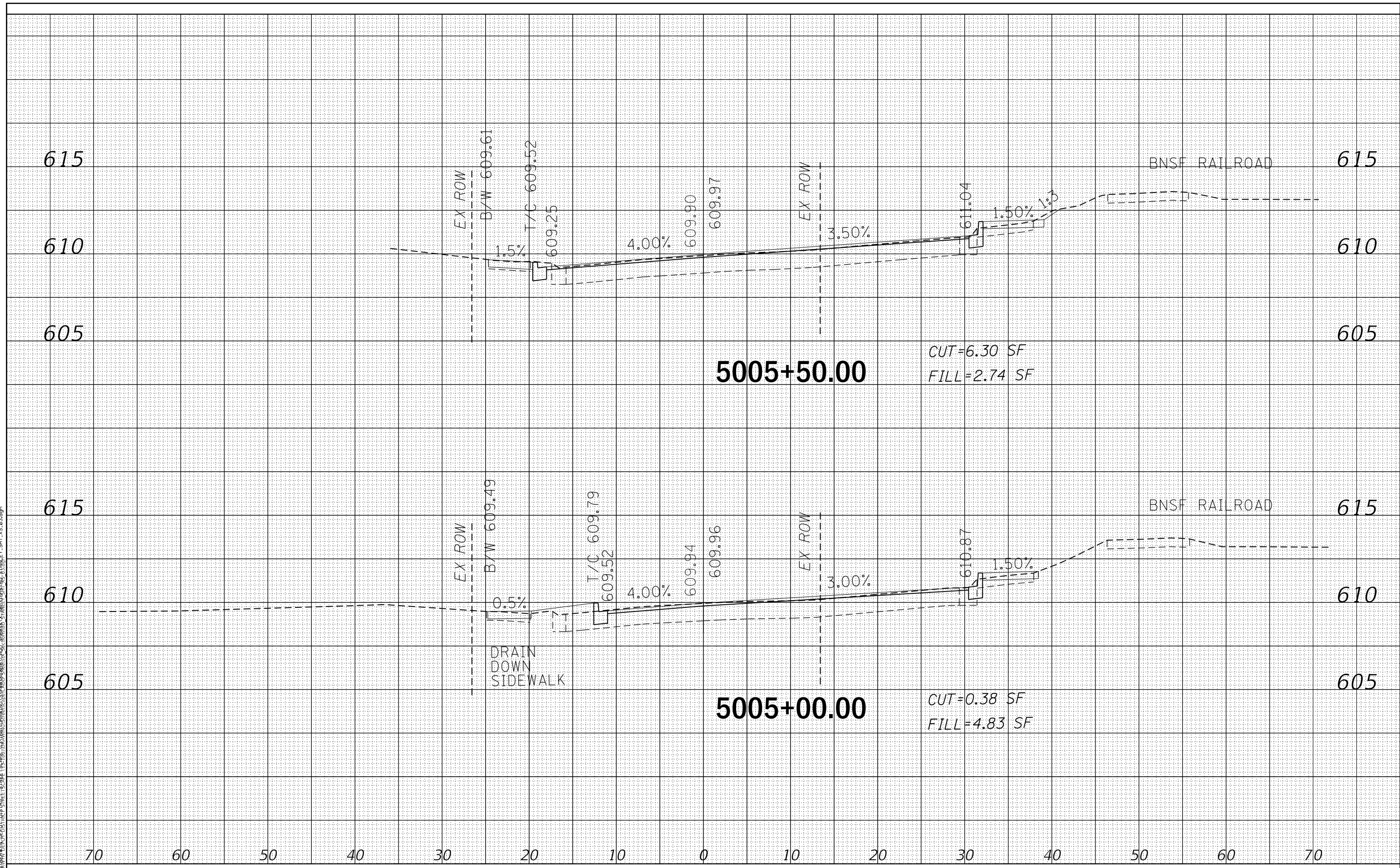
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STANLEY AVENUE CROSS SECTIONS

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			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
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STANLEY AVENUE CROSS SECTIONS

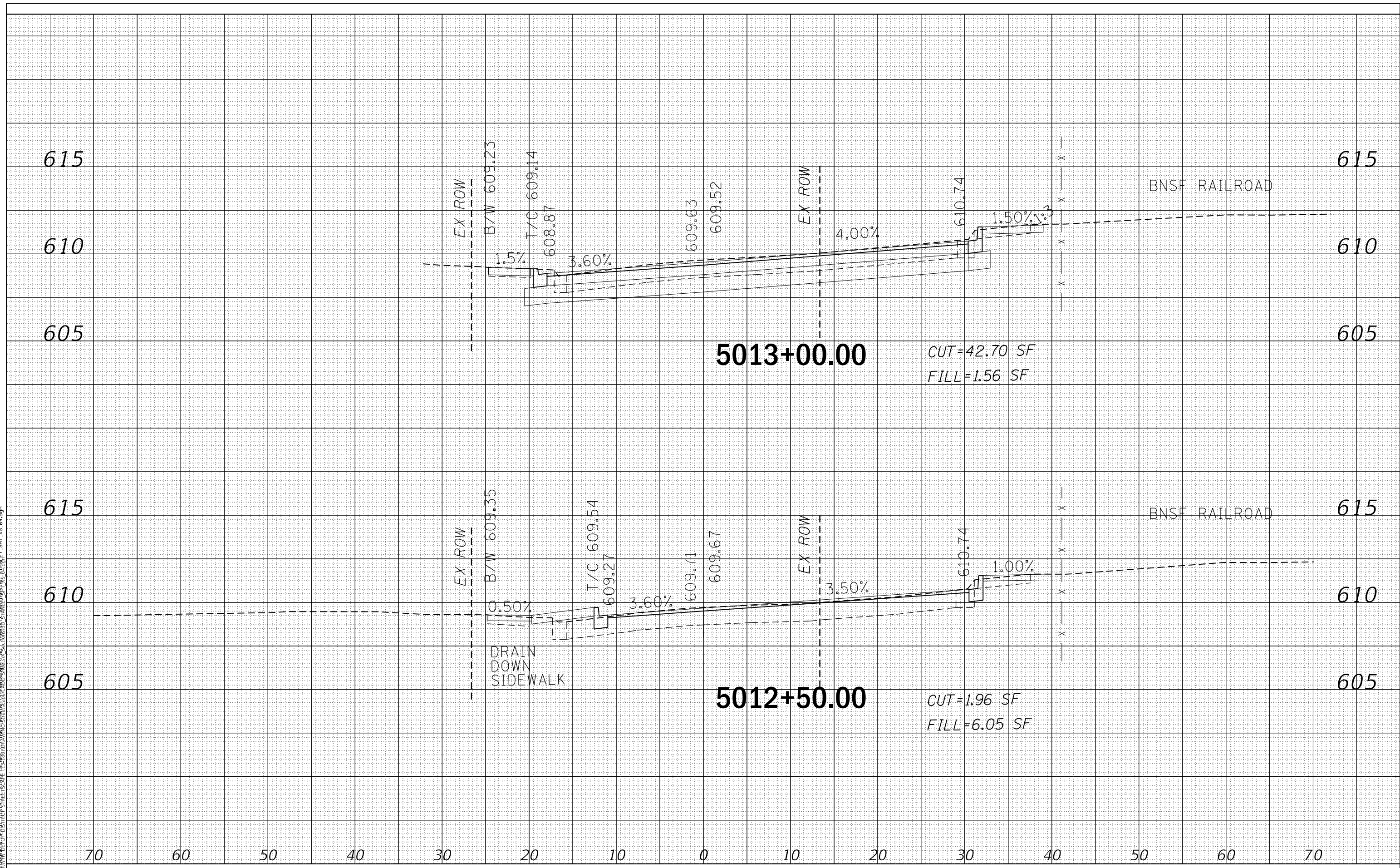
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CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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DATE	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS

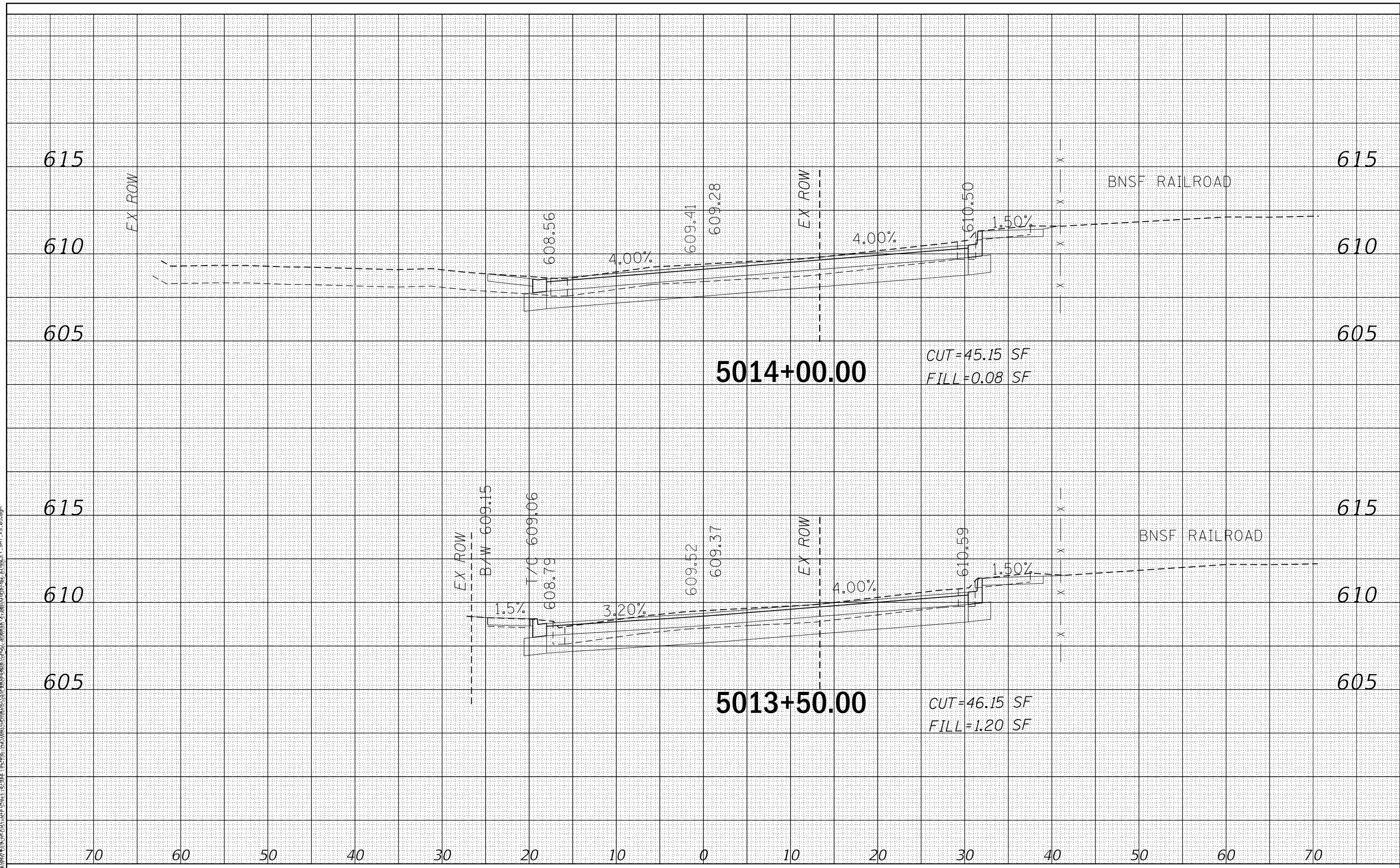
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				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

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AREAS CORRECTED	

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AREAS CHECKED	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

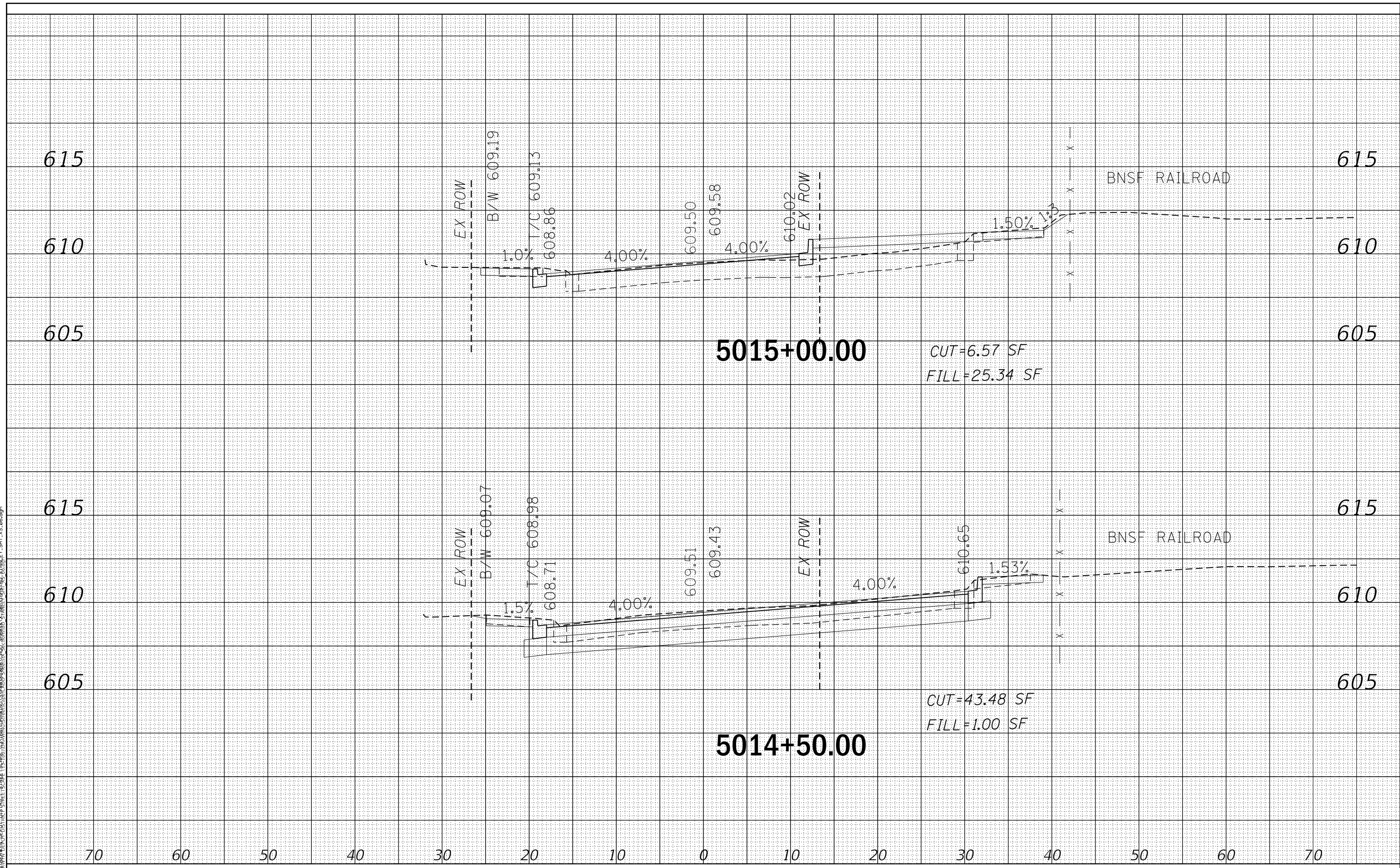
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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SURVEYED	
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TEMPLATE	
NOTE BOOK	
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5015+00.00

CUT=6.57 SF
FILL=25.34 SF

5014+50.00

CUT=43.48 SF
FILL=1.00 SF



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

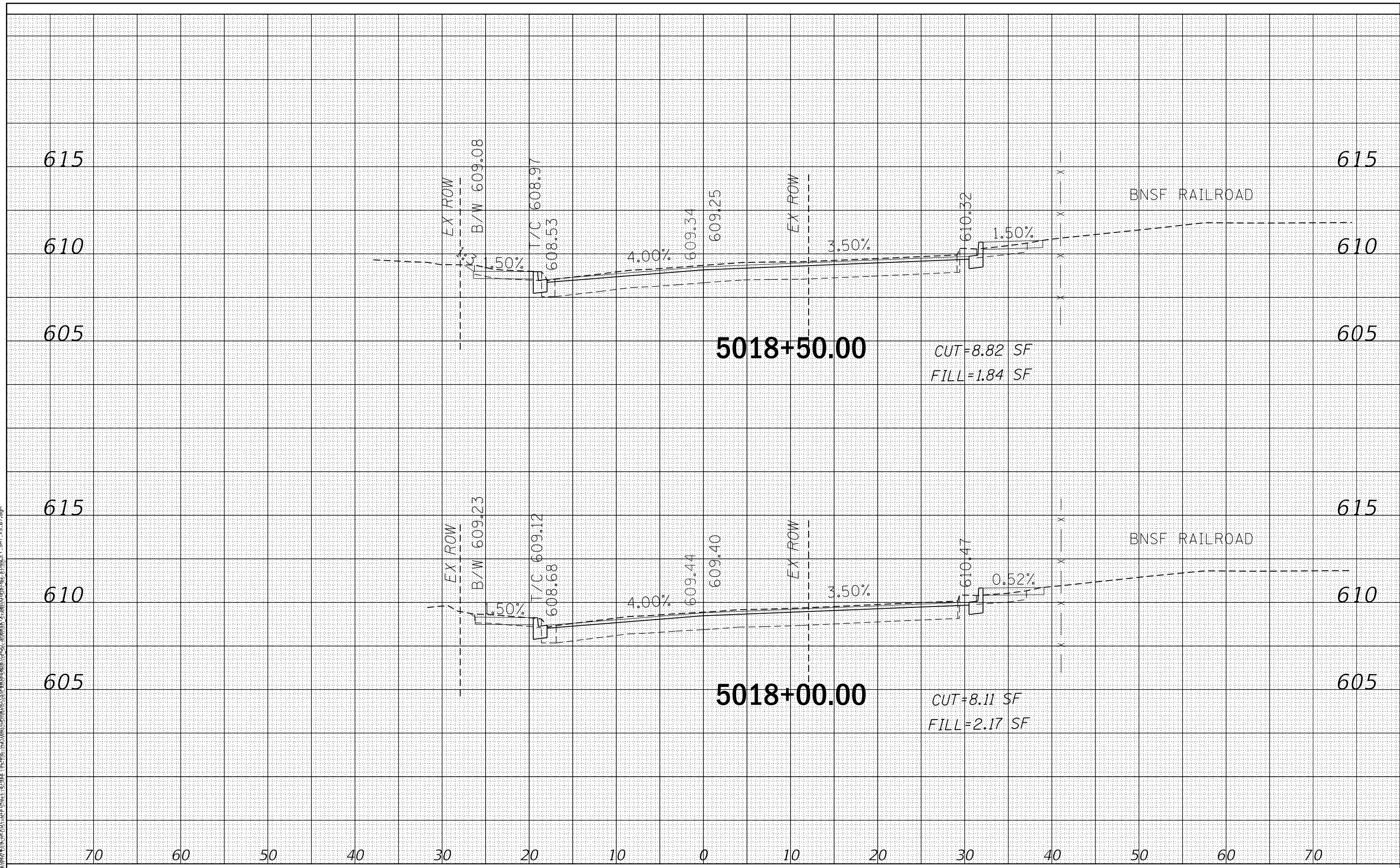
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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BY	
ORIGINAL SURVEY	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 7 OF 21 SHEETS	STA. 5018+00.00 TO STA. 5018+50.00
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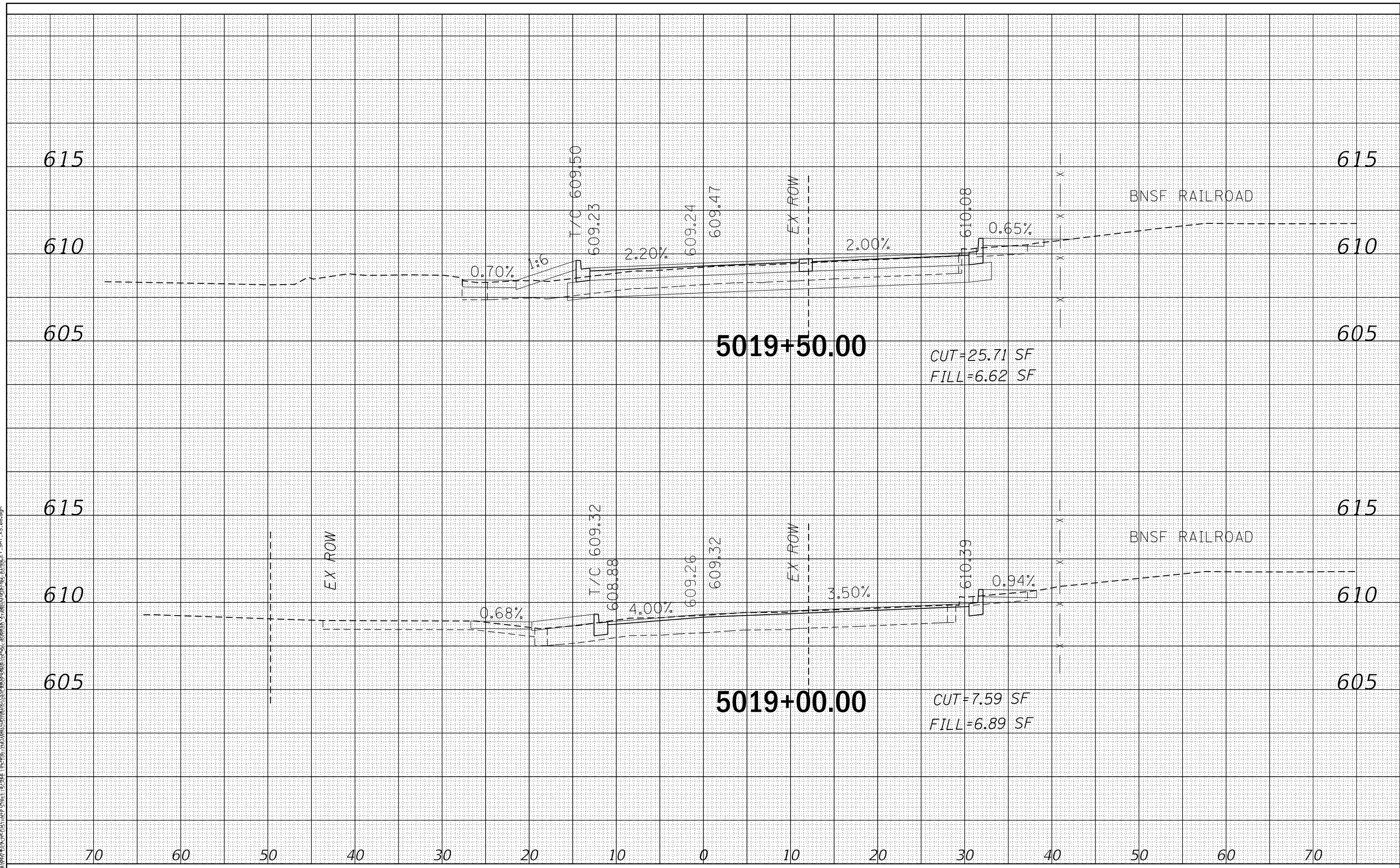
BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	515
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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USER NAME = JuanS	DESIGNED -	REVISD -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS**

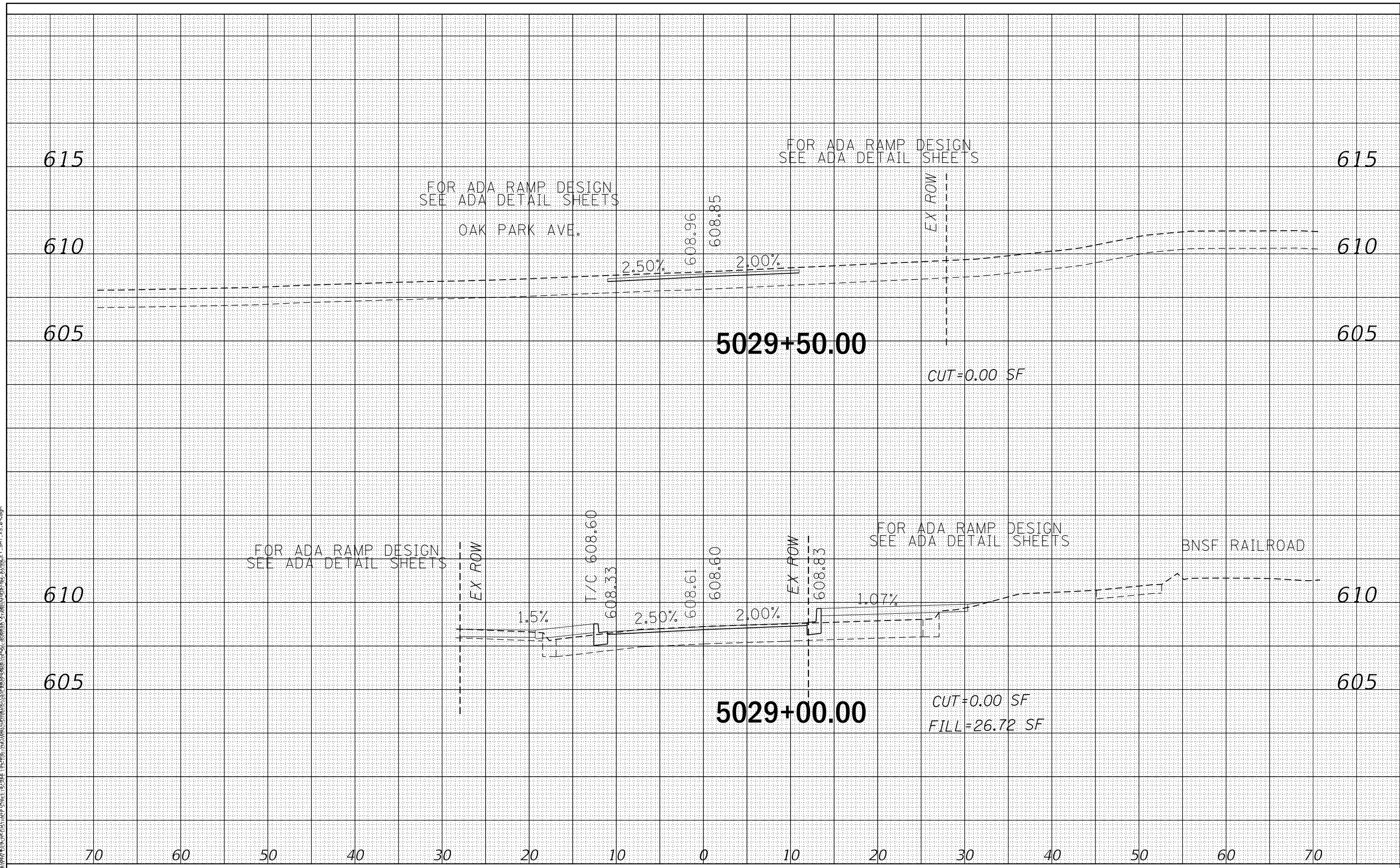
SCALE: SHEET 8 OF 21 SHEETS STA. 5019+00.00 TO STA. 5019+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	516
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
AREAS CORRECTED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
AREAS CORRECTED	

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 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-RS\13-00170-00-RS_Sht_517.dgn



USER NAME = JuanS	DESIGNED -	REVISED -
PLLOT SCALE = 10,000' / in.	DRAWN -	REVISED -
PLLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS**

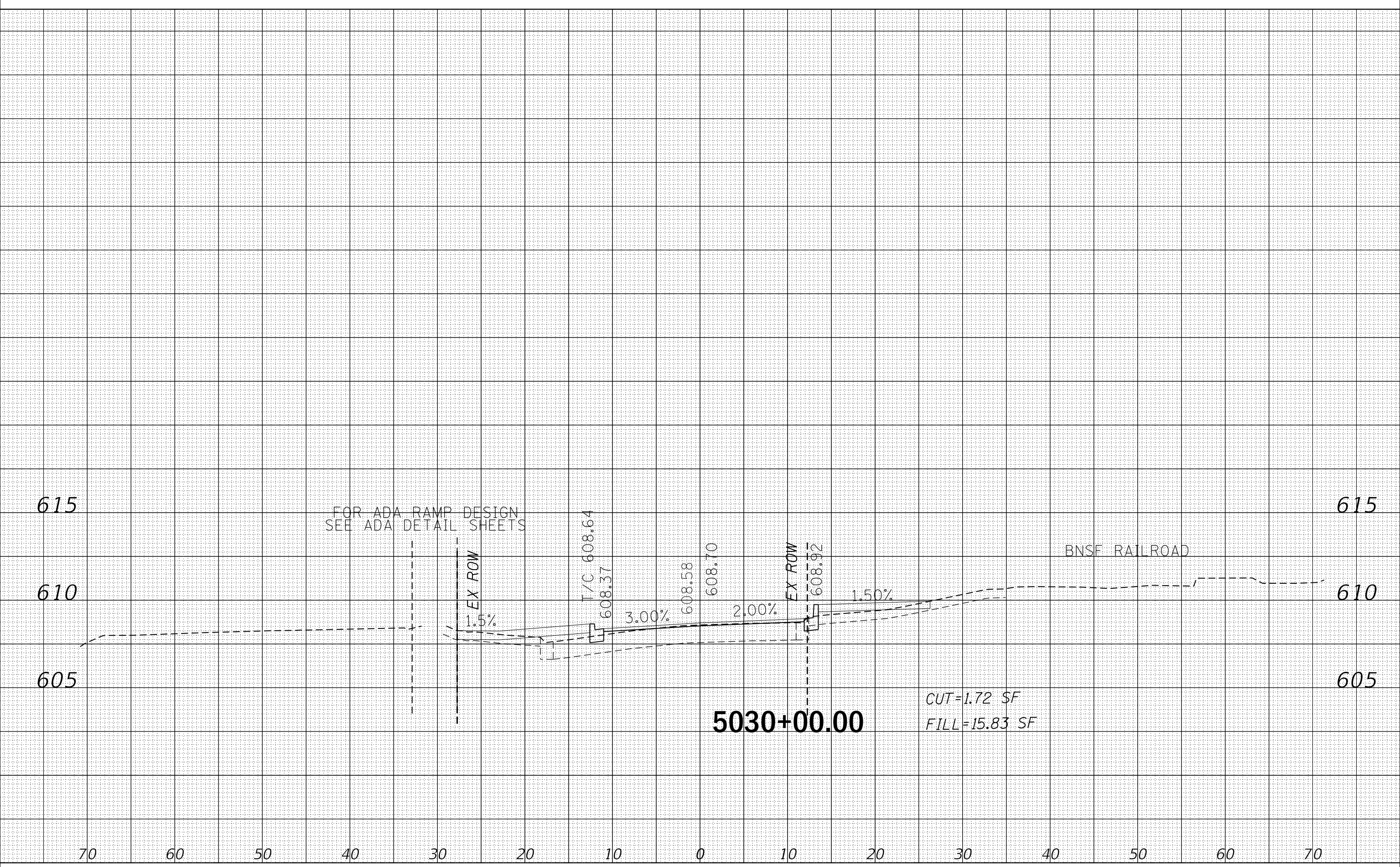
SCALE: SHEET 9 OF 21 SHEETS STA. 5029+00.00 TO STA. 5029+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	517
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

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

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

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 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-RS\13-00170-00-RS-518.dwg



USER NAME = JuanS	DESIGNED -	REVISD -
PLOT SCALE = 10,000' / in.	DRAWN -	REVISD -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS**

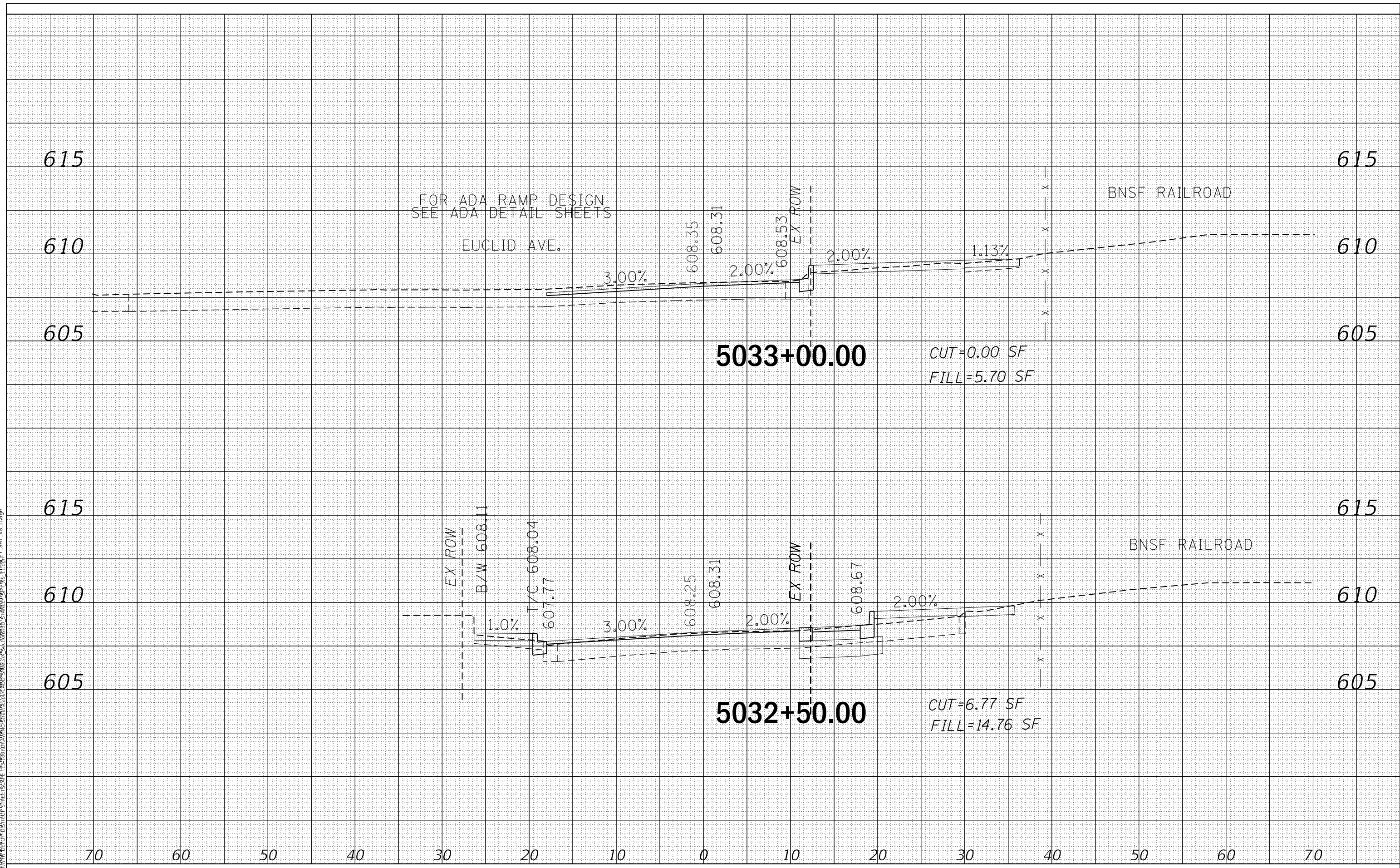
SCALE: SHEET 10 OF 21 SHEETS STA. 5030+00.00 TO STA. 5030+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	518
				CONTRACT NO.61H24
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
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AREAS	
NOTED	
CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
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NOTED	
CHECKED	
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C:\Users\juan\OneDrive\Desktop\Berwyn\Berwyn Depot District Streetscape\13-00170-00-RS\13-00170-00-RS-11.dgn
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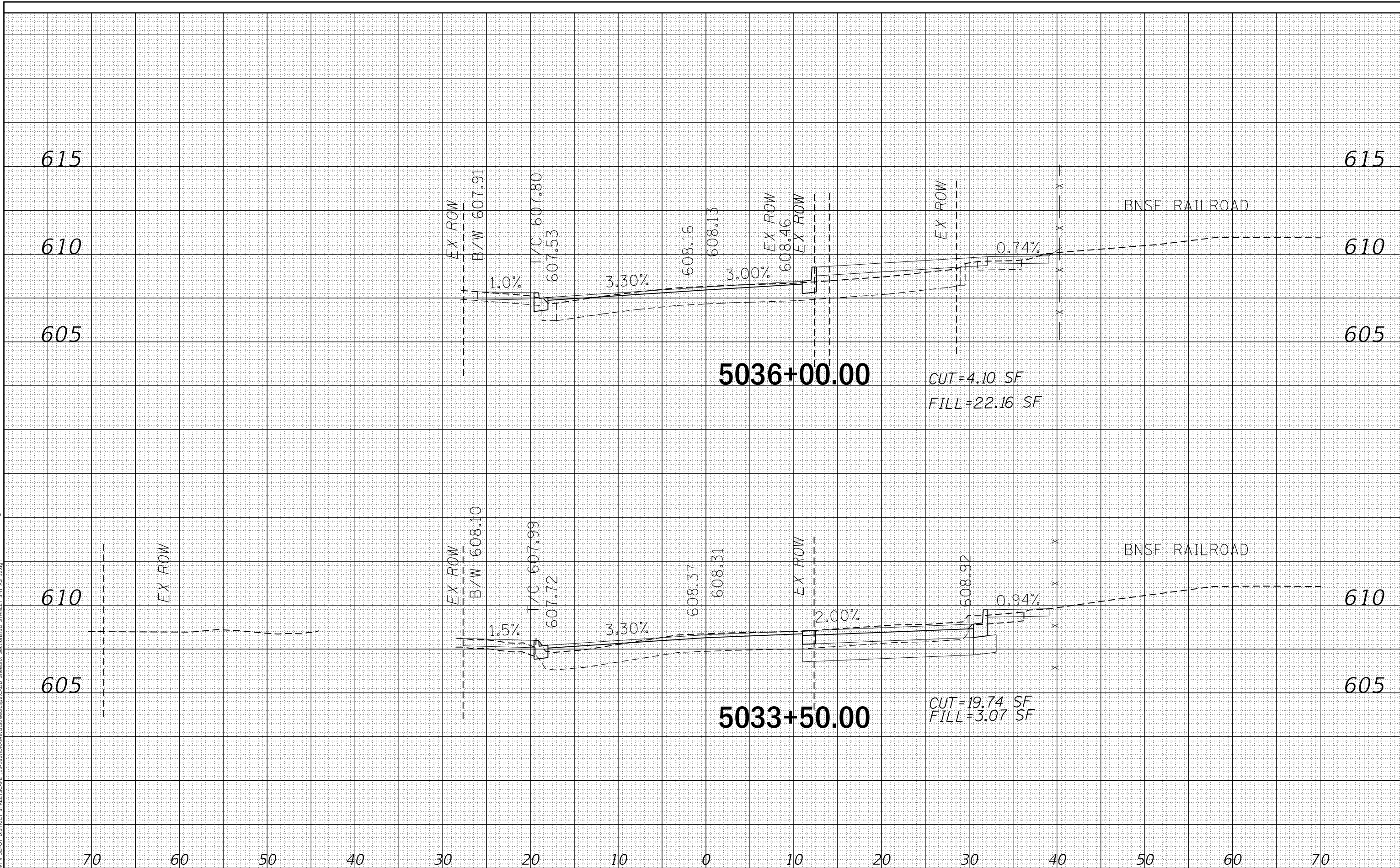


TERRA ENGINEERING LTD.	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,000' / in. PLOT DATE = 11/29/2021	DRAWN - CHECKED - TWB DATE -	REVISED - REVISED - REVISED -			SCALE:	1035	13-00170-00-RS	COOK	553

DATE	
BY	
FINAL SURVEY	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
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ORIGINAL SURVEY	
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TEMPLATE	
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 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-RS\13-00170-00-RS_SHEETS\X-SECTION\STANLEY_AVE_SHT_12.dwg



USER NAME = JuanS
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 11/29/2021

DESIGNED -
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 CHECKED - TWB
 DATE -

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
 STANLEY AVENUE CROSS SECTIONS

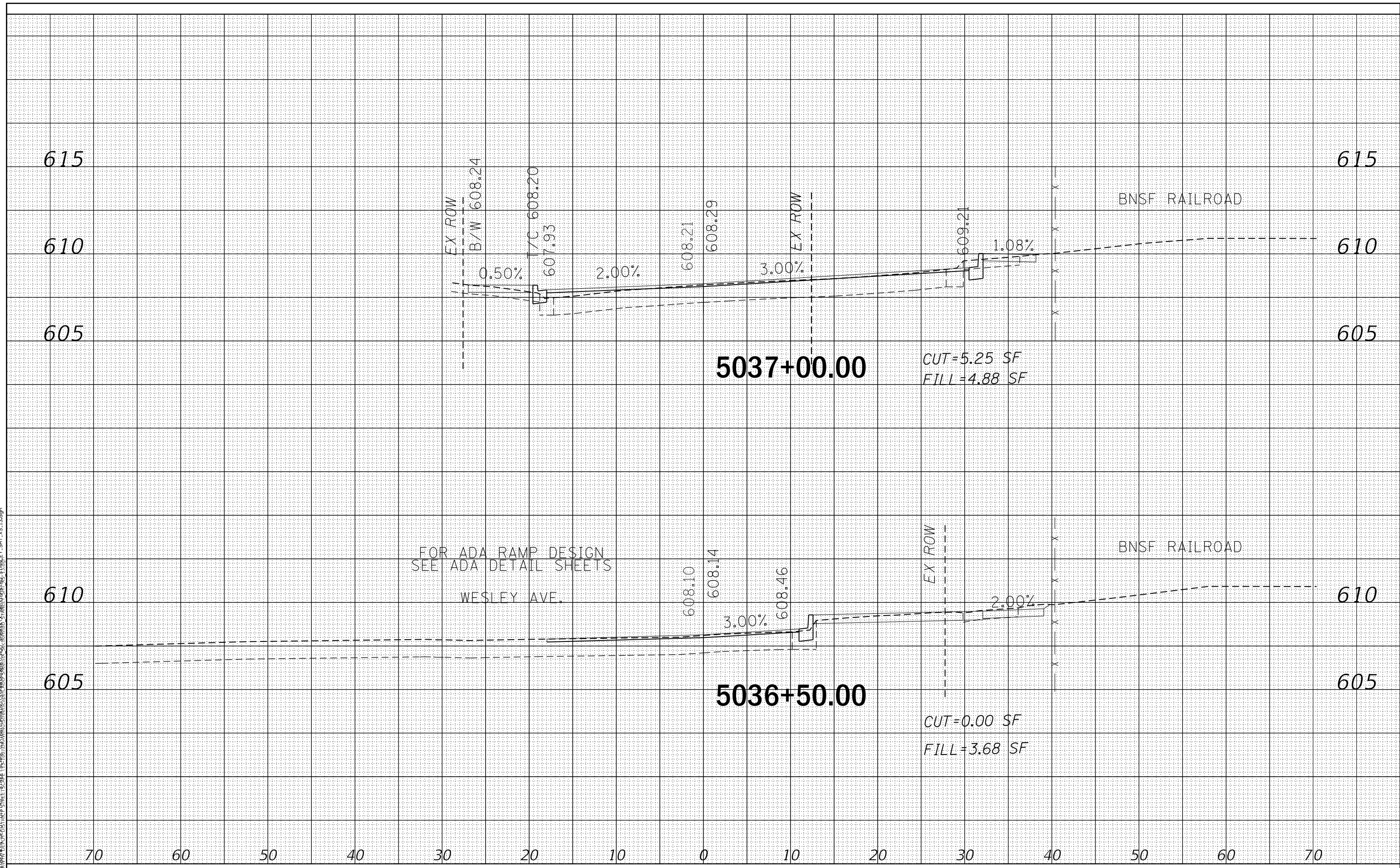
SCALE: SHEET 12 OF 21 SHEETS STA. 5033+50.00 TO STA. 5036+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	520
			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
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C:\Users\juan\OneDrive\Documents\Berwyn\Berwyn Depot District Streetscape\13-00170-00-RS\13-00170-00-RS_SHT_13.dgn
 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-RS\13-00170-00-RS_SHT_13.dgn



FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEETS
WESLEY AVE.



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 13 OF 21 SHEETS	STA. 5036+50.00 TO STA. 5037+00.00
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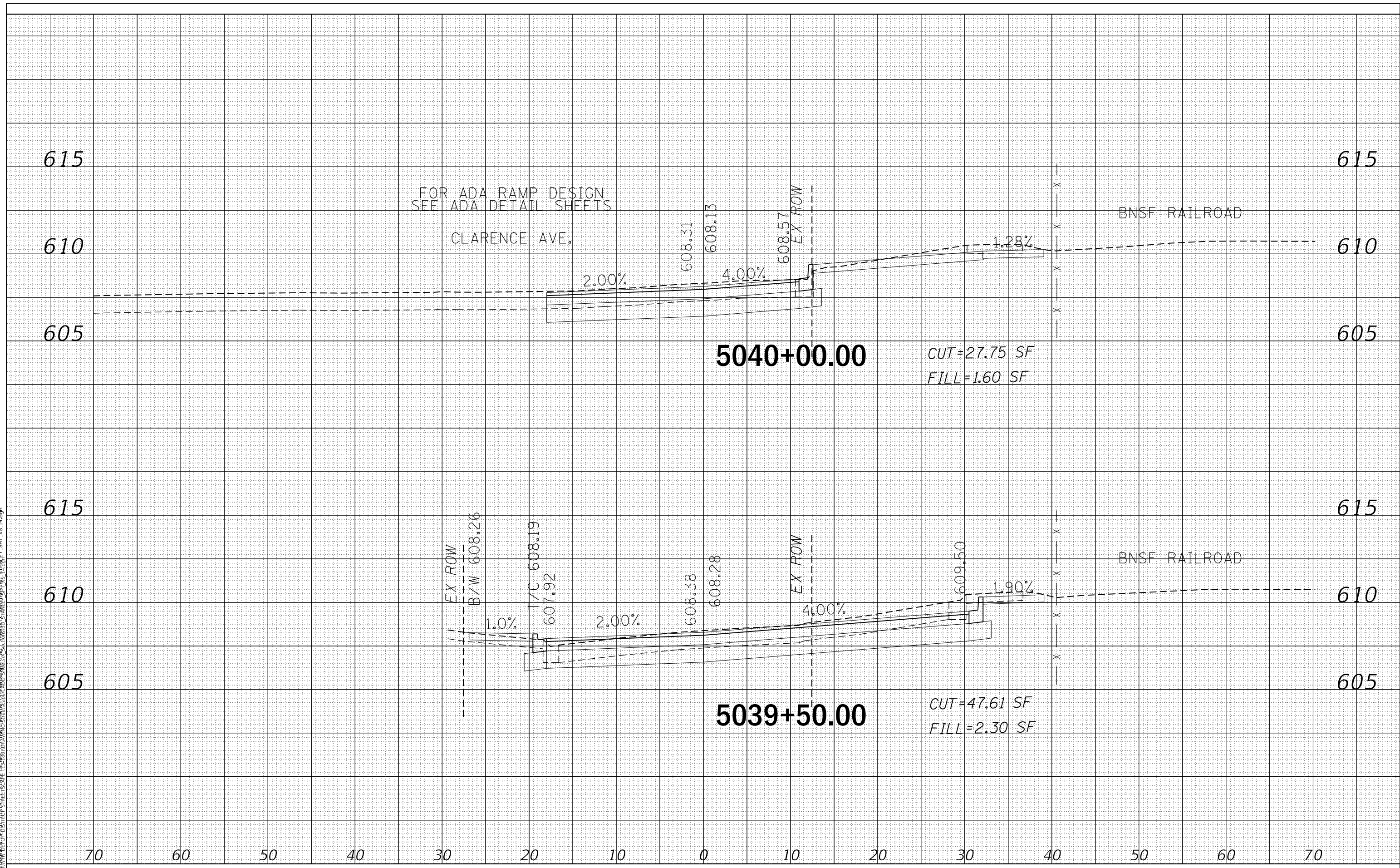
BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	521
			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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DATE	
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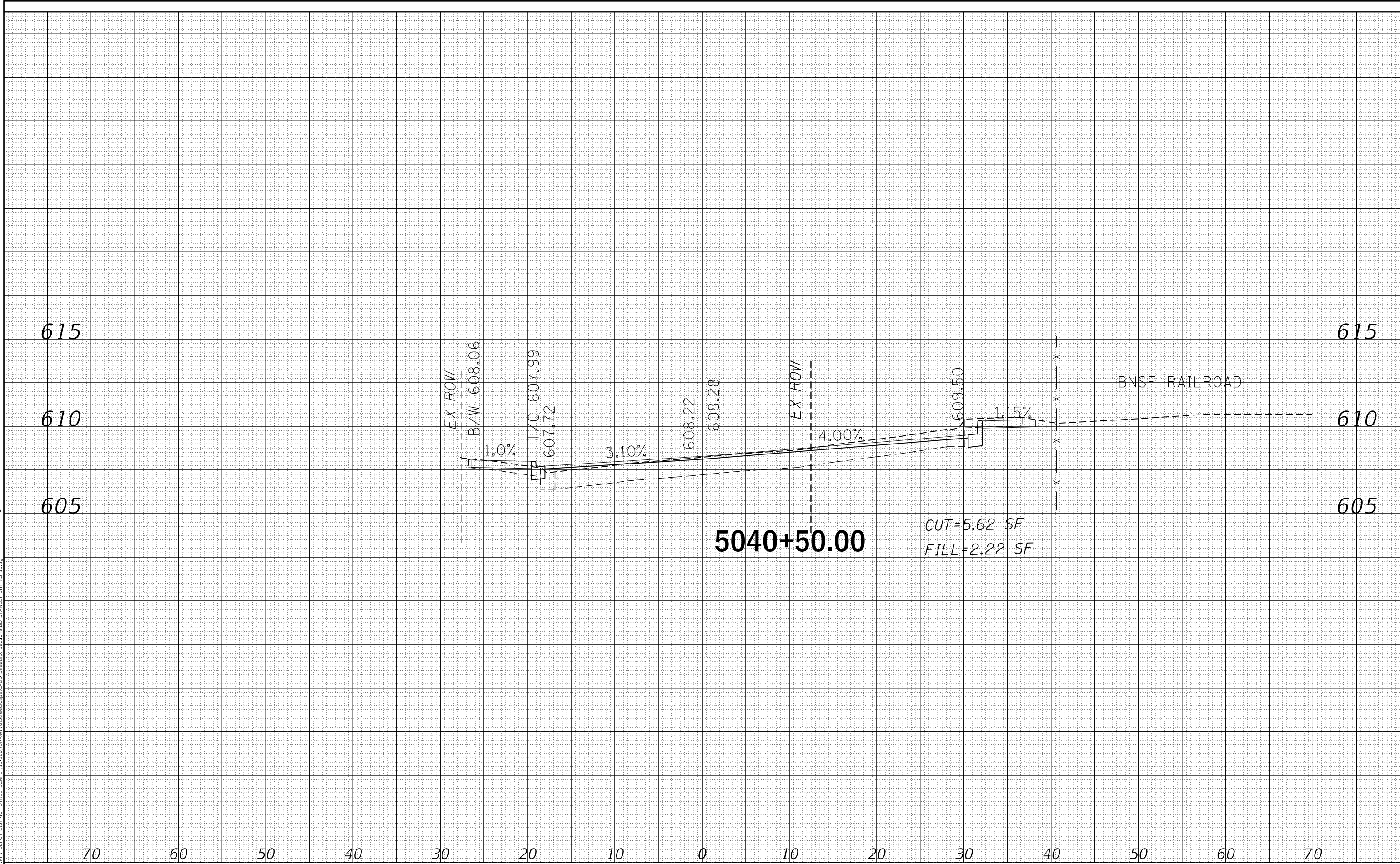


TERRA ENGINEERING LTD.	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape STANLEY AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,000' / in.	CHECKED - TWB	REVISED -			REVISED -	1035	13-00170-00-RS	COOK	553
	PLOT DATE = 11/29/2021	DATE -	REVISED -			CONTRACT NO. 61H24				
					SCALE:	SHEET 14 OF 21 SHEETS STA. 5039+50.00 TO STA. 5040+00.00				
ILLINOIS FED. AID PROJECT										

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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PROJECT: BERWYN DEPOT DISTRICT STREETSCAPE STANLEY AVENUE CROSS SECTIONS
 FILE NAME: BERWYN-DEPOT-DISTRICT-STREETSCAPE-STANLEY-AVENUE-CROSS-SECTIONS-X-SECTION-NO.3-STANLEY_SHT_XS.15.dgn



5040+50.00

CUT=5.62 SF
FILL=2.22 SF

BNSF RAILROAD



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETSCAPE
STANLEY AVENUE CROSS SECTIONS**

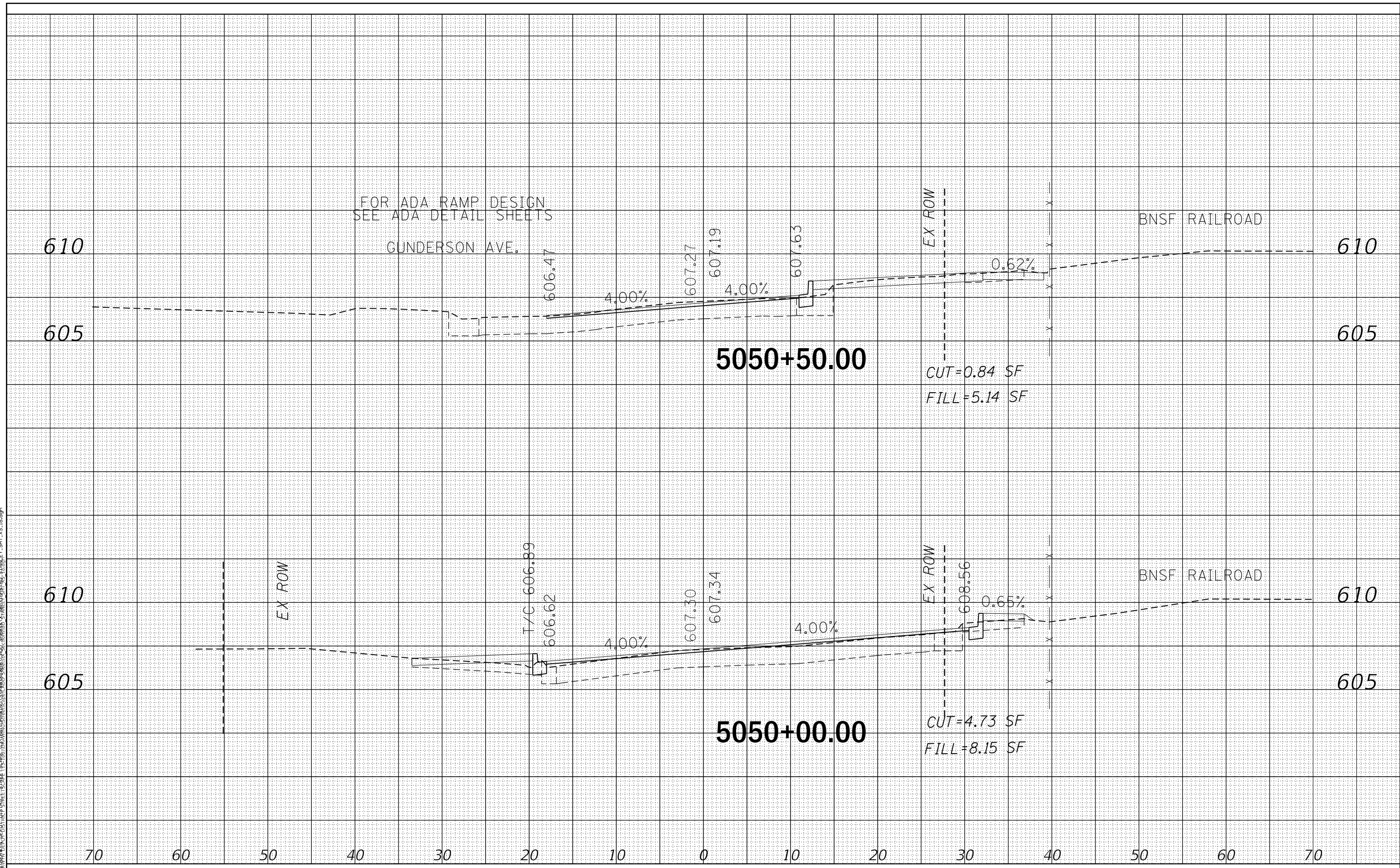
SCALE: SHEET 15 OF 21 SHEETS STA. 5040+50.00 TO STA. 5040+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	523
			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
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BY	DATE
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 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\Stanley Avenue Cross Sections\Stanley_SHT_18.dgn



FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEETS

GUNDERSON AVE.

BNSF RAILROAD

5050+50.00

CUT=0.84 SF
FILL=5.14 SF

5050+00.00

CUT=4.73 SF
FILL=8.15 SF



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

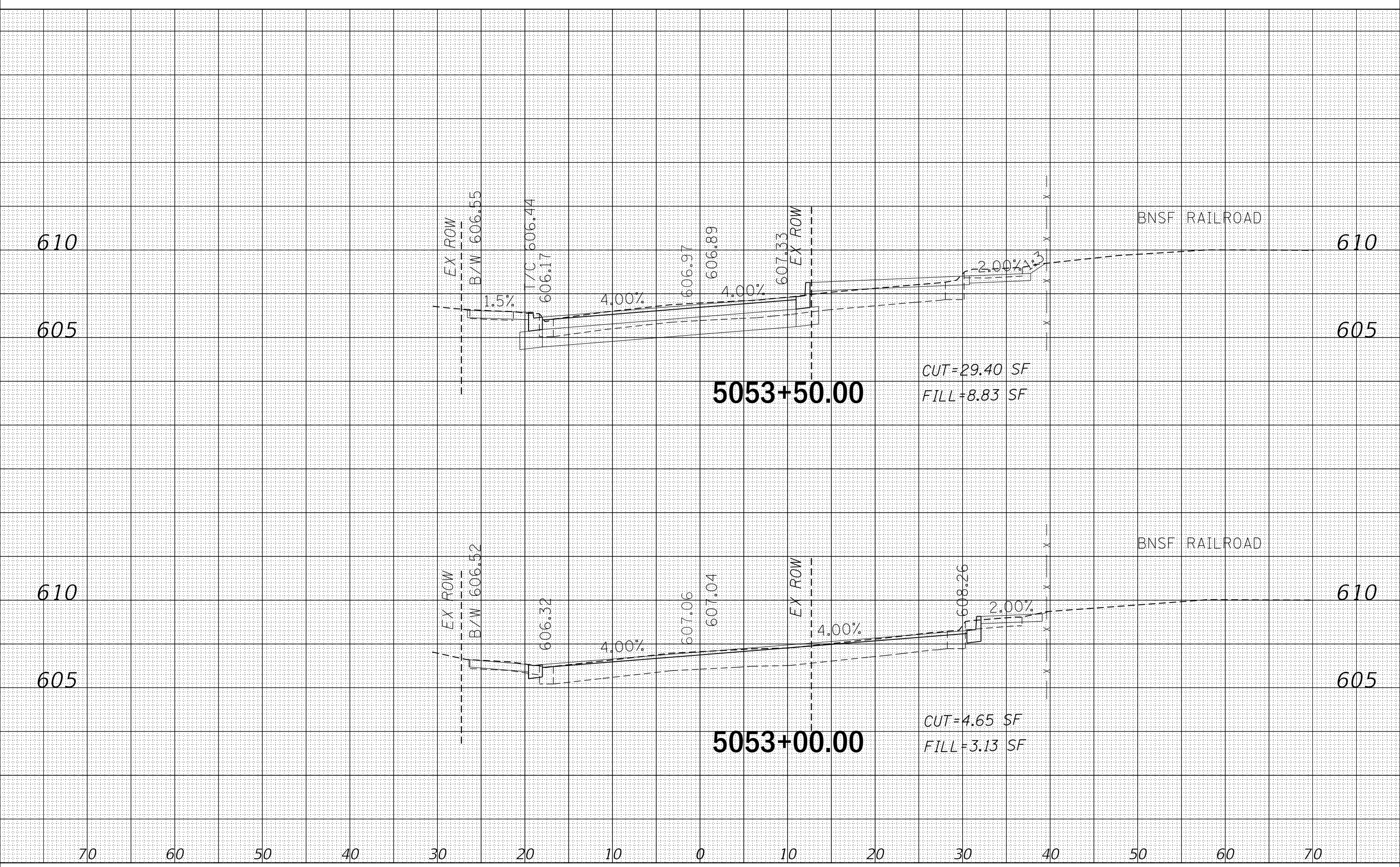
SCALE:	SHEET 18 OF 21 SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	526
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

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

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USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - TWB	REVISED -
PLOT DATE = 11/29/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

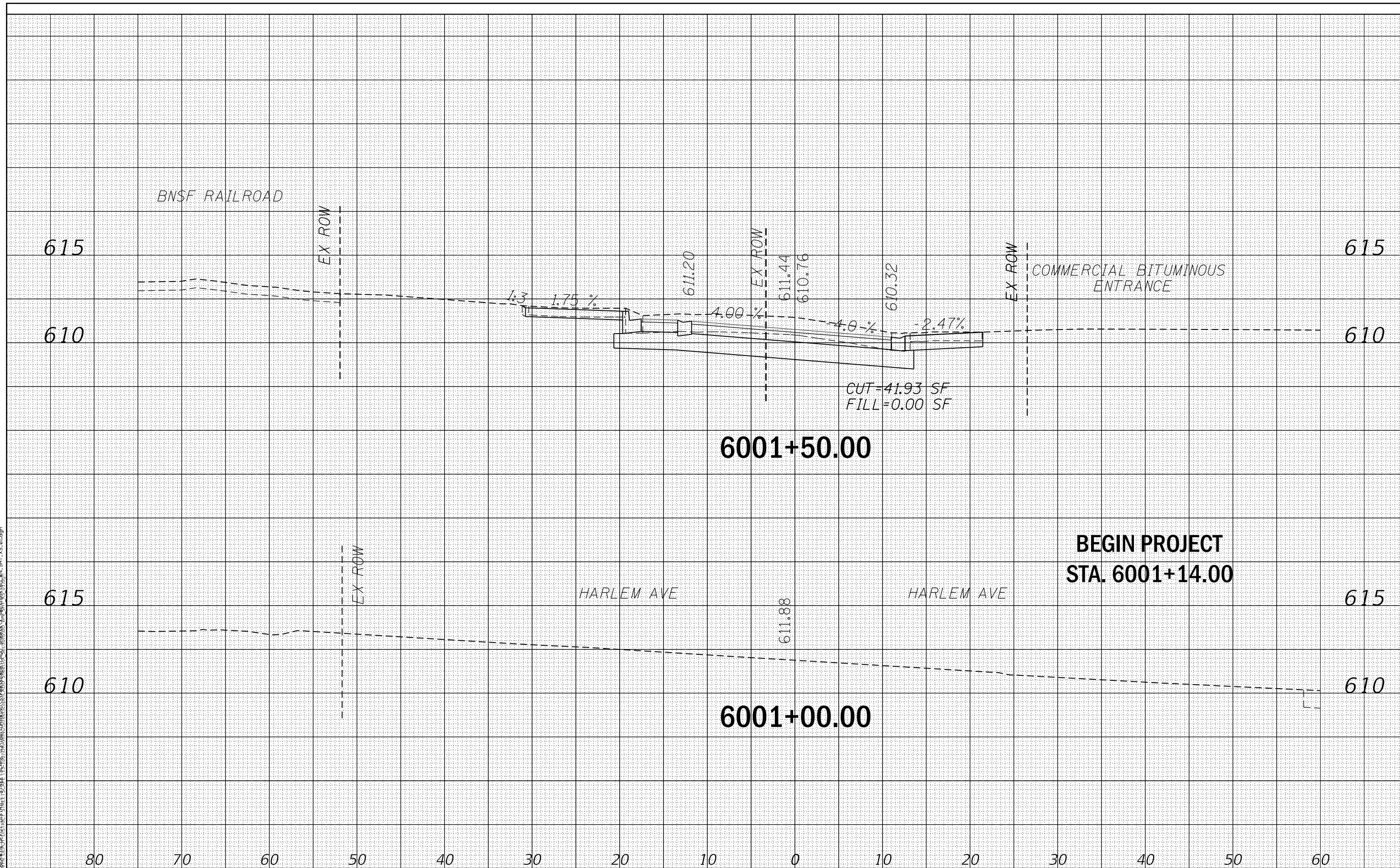
BERWYN DEPOT DISTRICT STREETScape
STANLEY AVENUE CROSS SECTIONS

SCALE: SHEET 19 OF 21 SHEETS STA. TO STA.

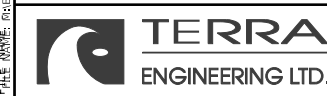
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1035	13-00170-00-RS	COOK	553	527
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

BY	DATE
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TEMPLATE	
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**BEGIN PROJECT
STA. 6001+14.00**



USER NAME = JuanS	DESIGNED -	REVISD -
PLOT SCALE = 10.0000 "/td> <td>DRAWN -</td> <td>REVISD -</td>	DRAWN -	REVISD -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS**

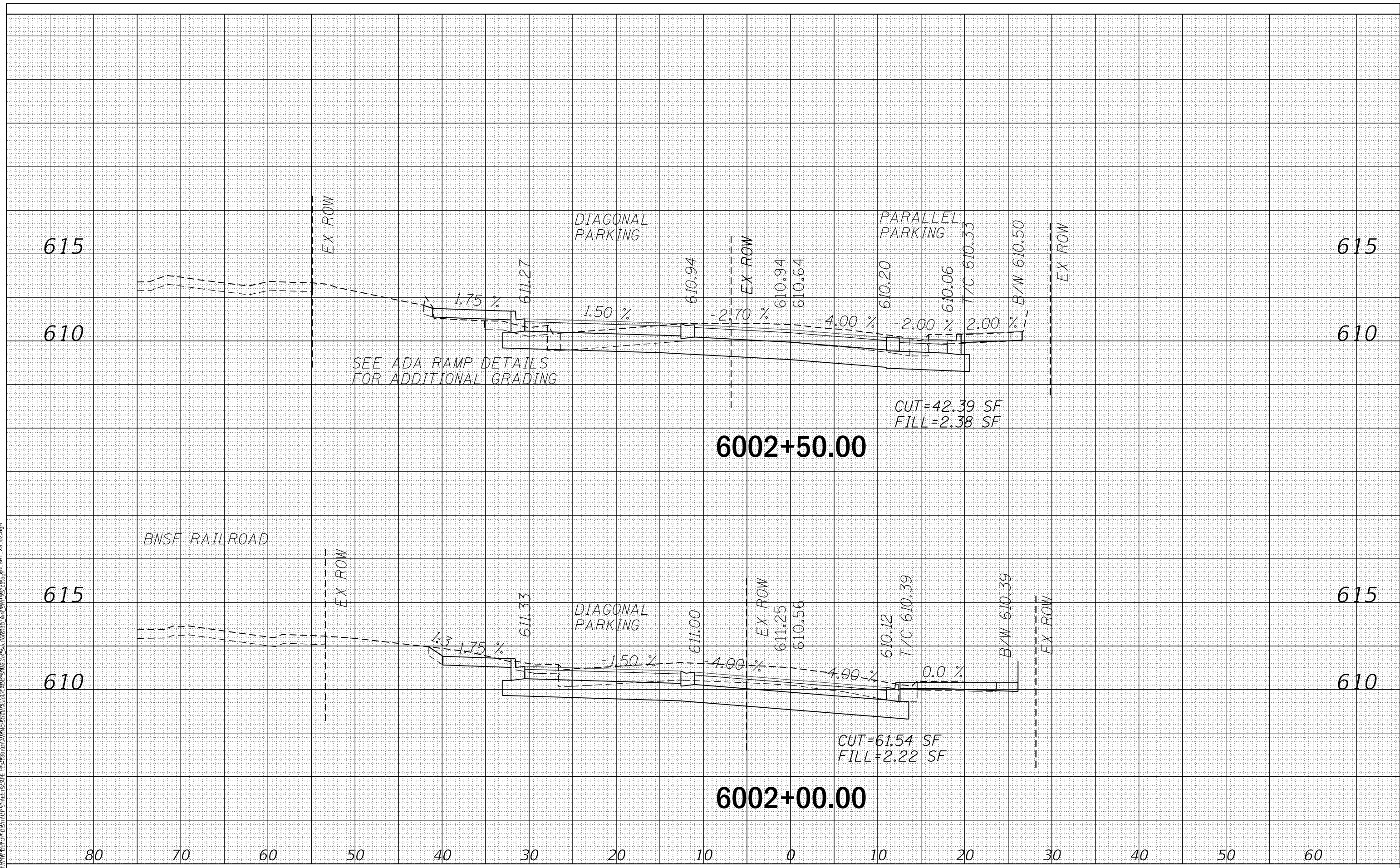
SCALE: SHEET 1 OF 24 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	530
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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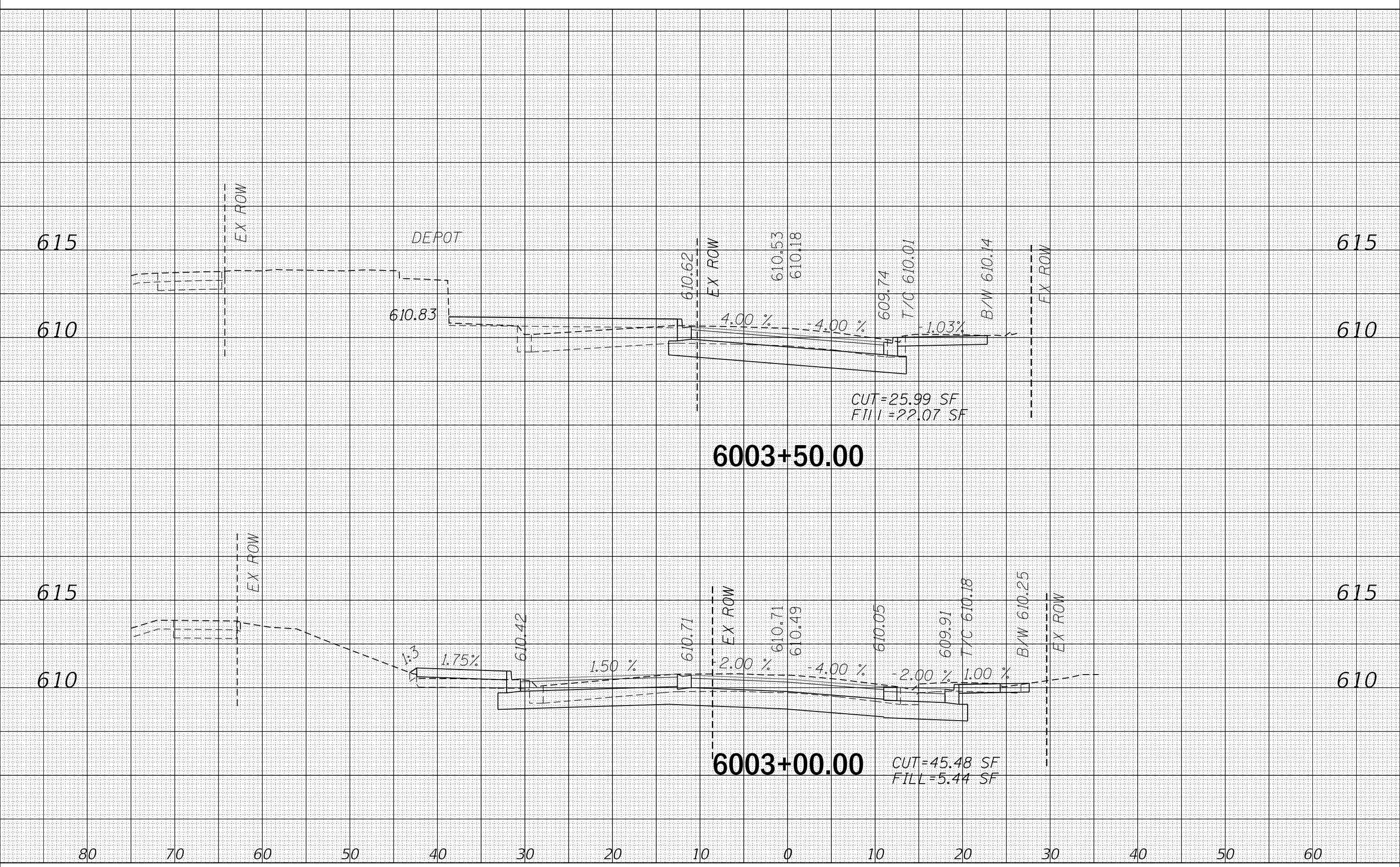
	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in. PLOT DATE = 11/29/2021	DRAWN - CHECKED - TWB DATE -	REVISED - REVISED - REVISED -			1036	13-00170-00-RS	COOK	553	531

SCALE: SHEET 2 OF 24 SHEETS STA. 6002+00.00 TO STA. 6002+50.00 ILLINOIS FED. AID PROJECT

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED
	AREAS CORRECTED

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USER NAME = JuanS	DESIGNED -	REVISD -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS**

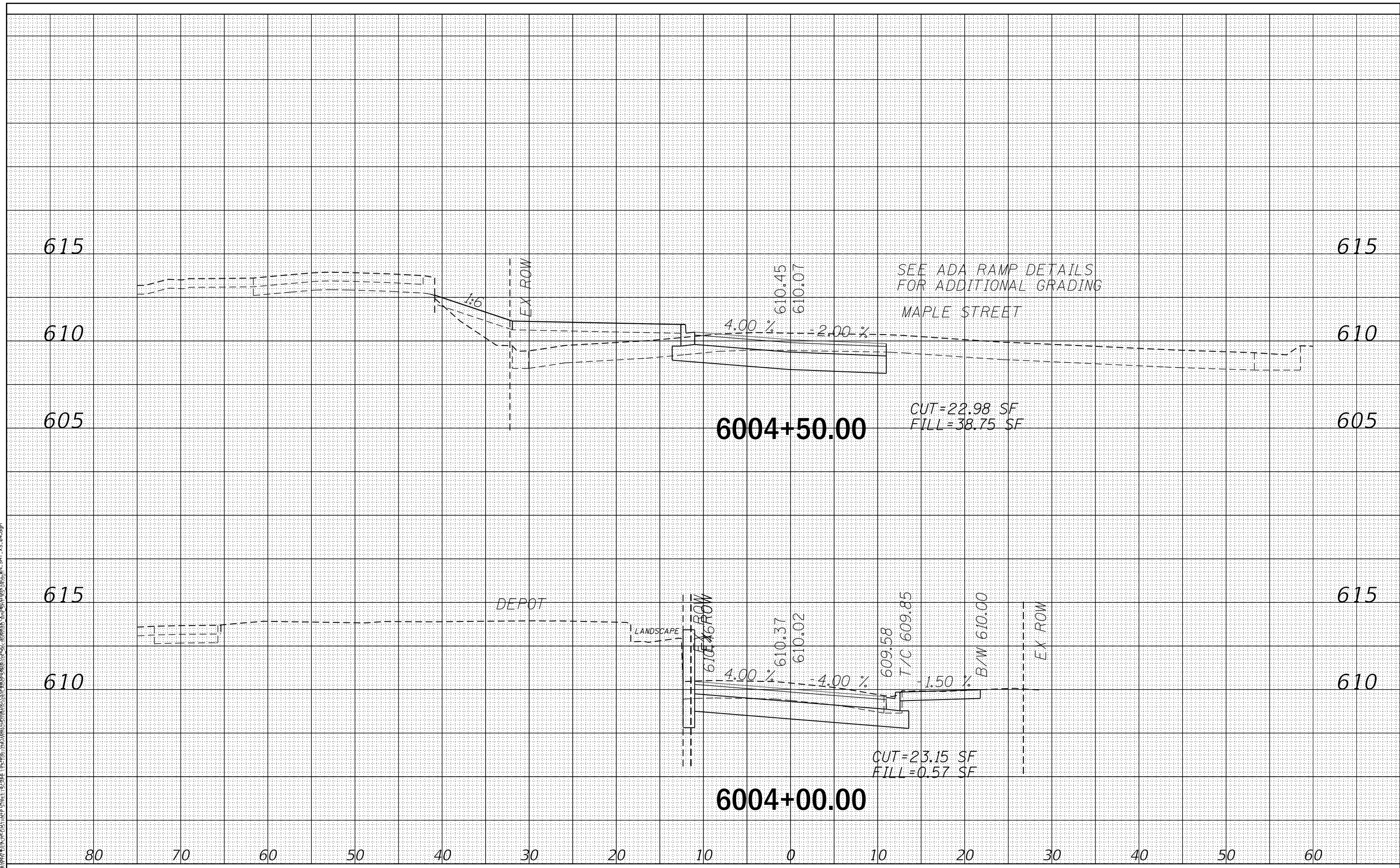
SCALE: SHEET 3 OF 24 SHEETS STA. 6003+00.00 TO STA. 6003+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	532
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
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USER NAME = JuanS	DESIGNED -	REVISED -
PLLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 4 OF 24 SHEETS		STA. 6004+00.00 TO STA. 6004+50.00	
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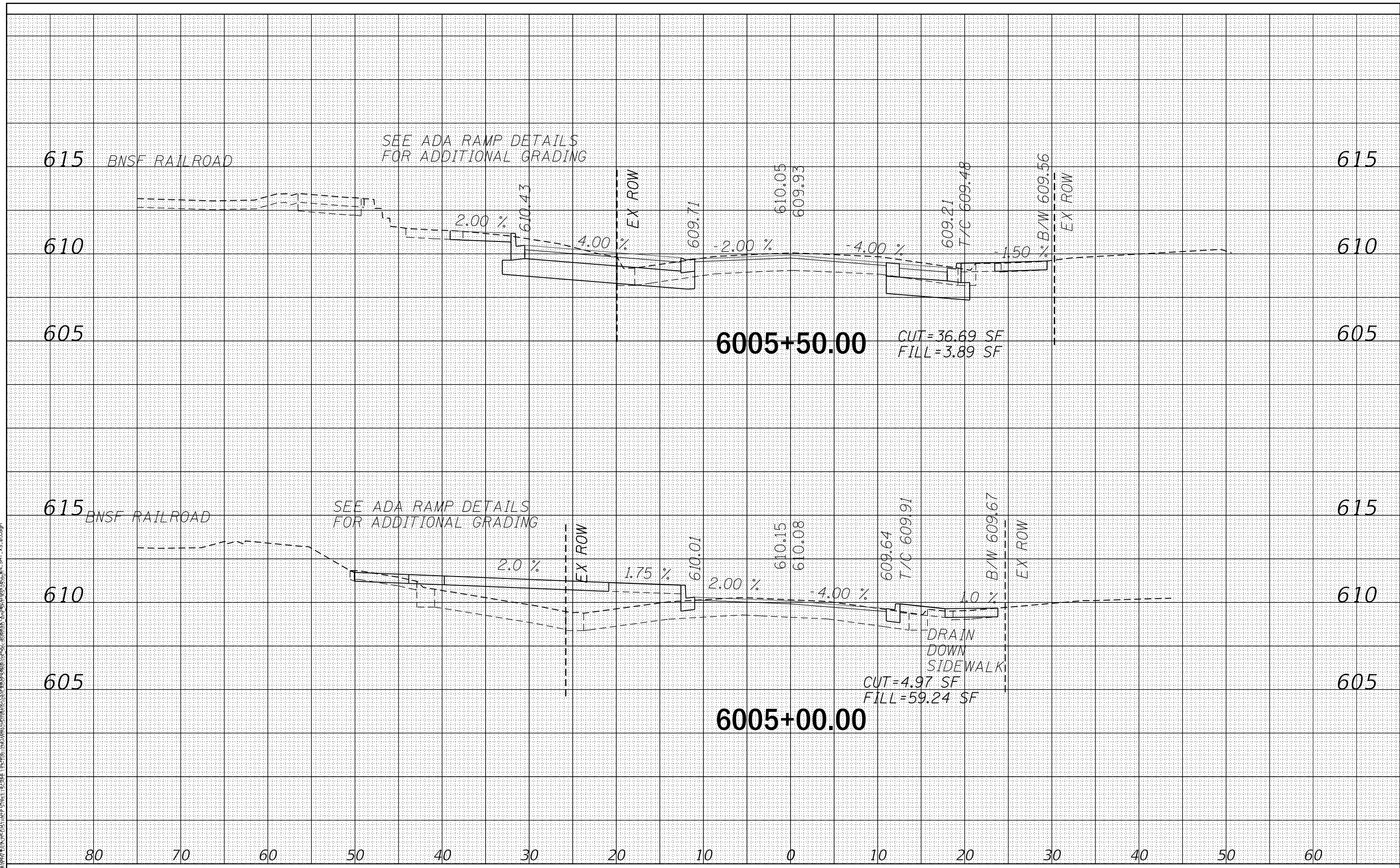
BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	533
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

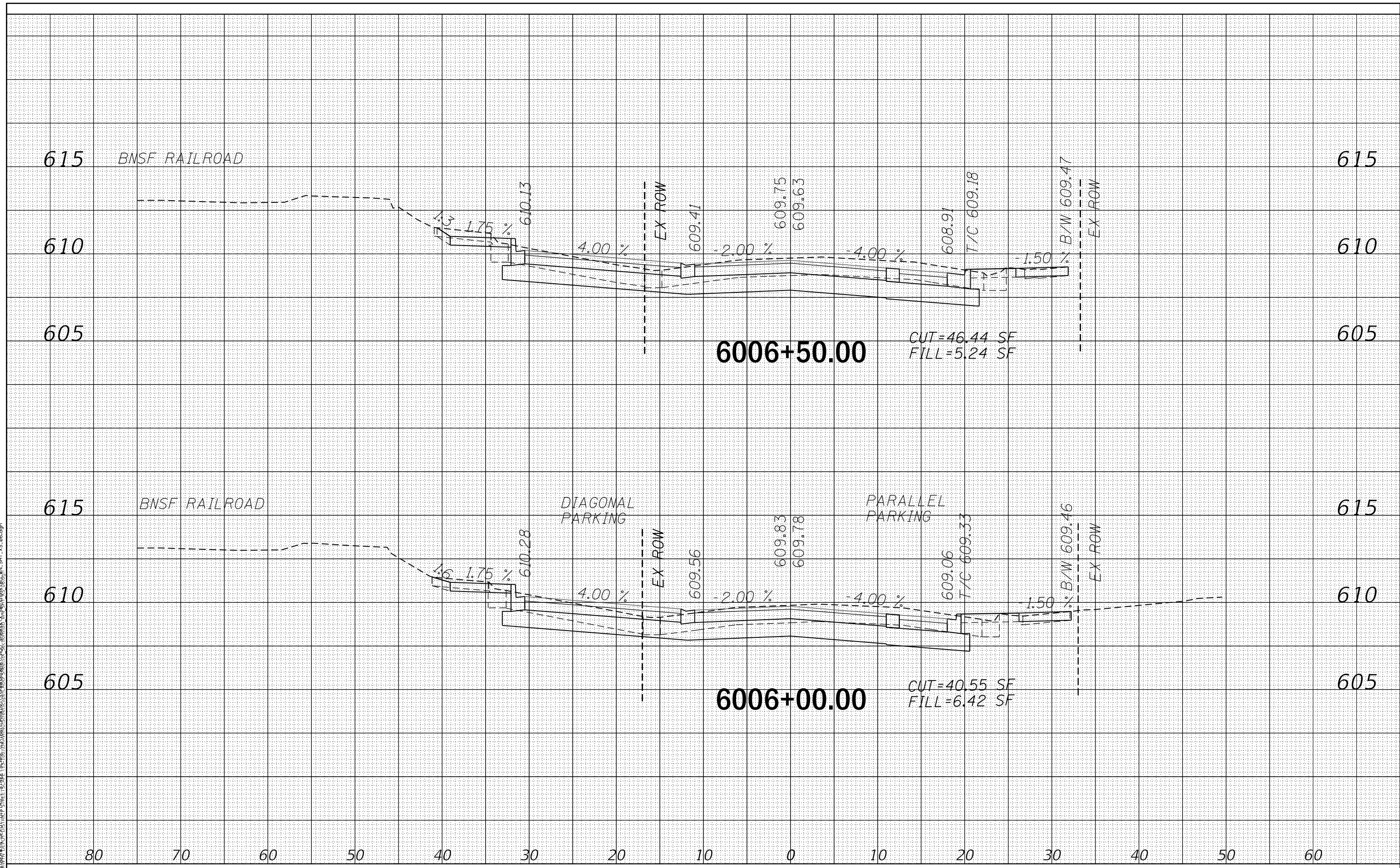
BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	
SCALE:	SHEET 5 OF 24 SHEETS
	STA. 6005+00.00 TO STA. 6005+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	534
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

DATE	
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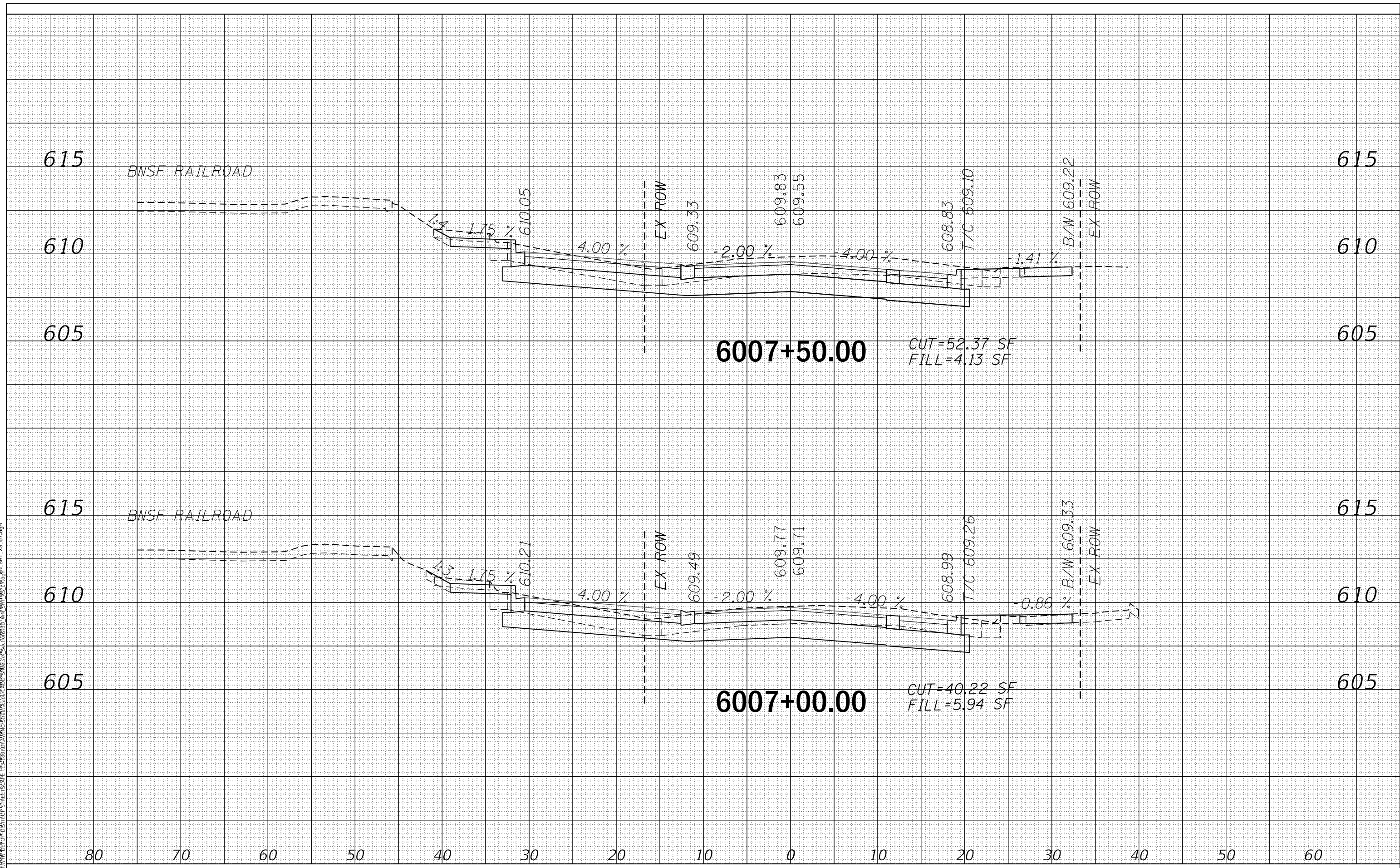


TERRA ENGINEERING LTD.	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 10,0000' / in. PLOT DATE = 11/29/2021	DRAWN - CHECKED - TWB DATE -	REVISED - REVISED - REVISED -			1036	13-00170-00-RS	COOK	553	535	CONTRACT NO. 61H24
					SCALE:		SHEET 6 OF 24 SHEETS		STA. 6006+00.00 TO STA. 6006+50.00		
ILLINOIS FED. AID PROJECT											

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USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

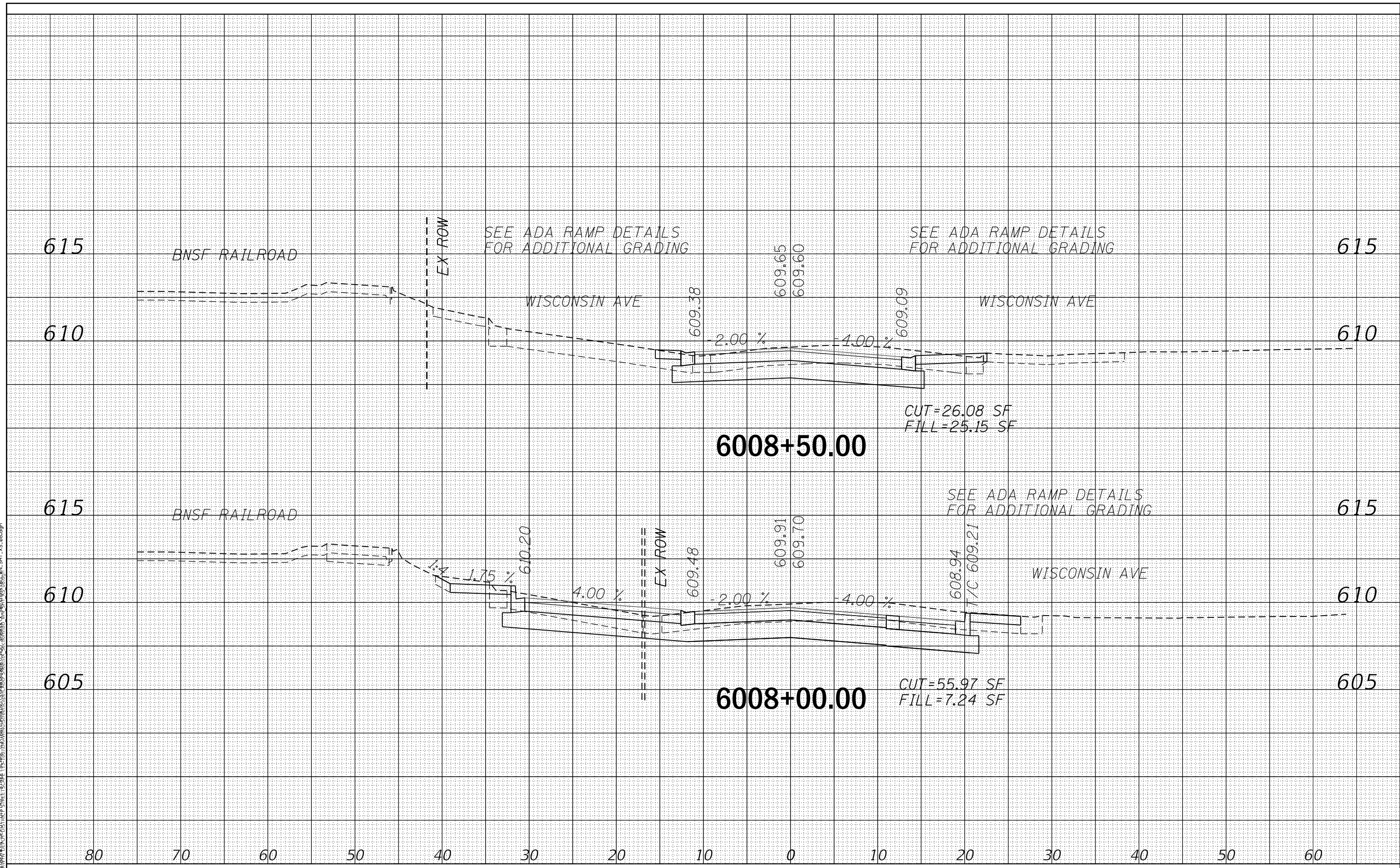
SCALE:	SHEET 7 OF 24 SHEETS	STA. 6007+00.00 TO STA. 6007+50.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	536
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

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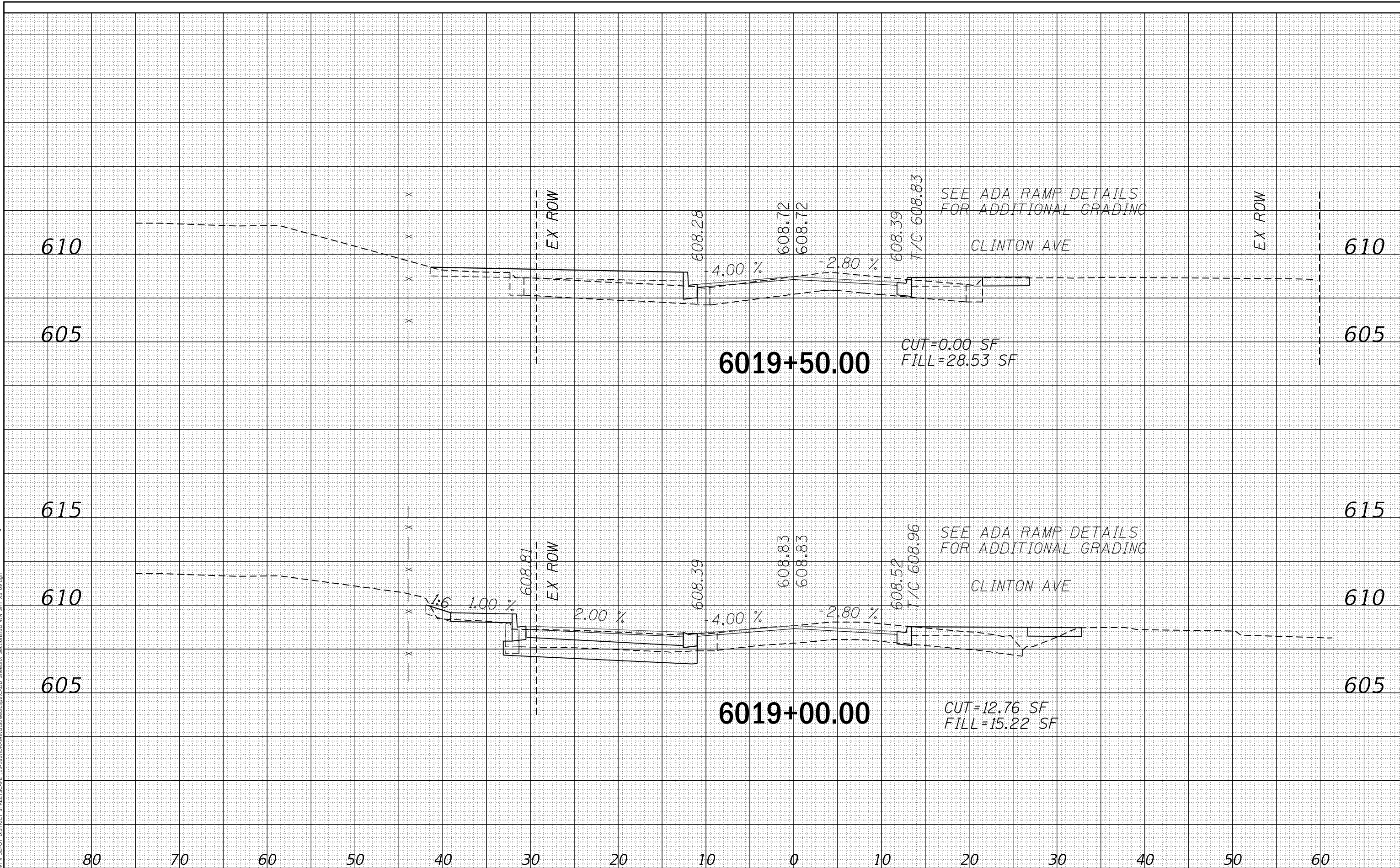
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USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 9 OF 24 SHEETS	STA. 6019+00.00 TO STA. 6019+50.00
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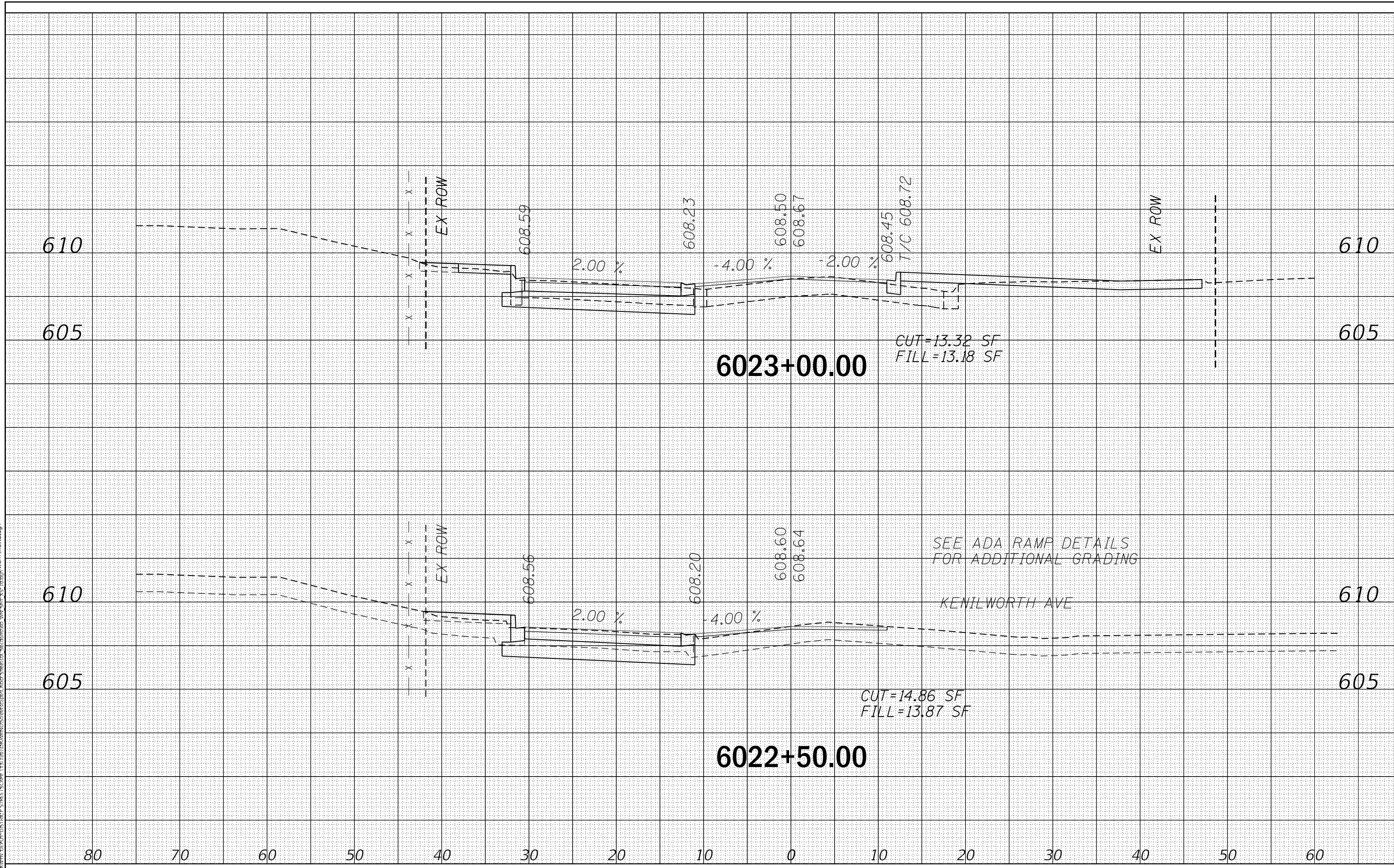
BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	538
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

BY	DATE
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ORIGINAL SURVEY	
NOTE BOOK	
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PROJECT: BERWYN DEPOT DISTRICT STREETScape CROSS SECTIONS AND GRADING PLAN_SHT_15.dwg
 FILE NAME: BERWYN DEPOT DISTRICT STREETScape CROSS SECTIONS AND GRADING PLAN_SHT_15.dwg



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

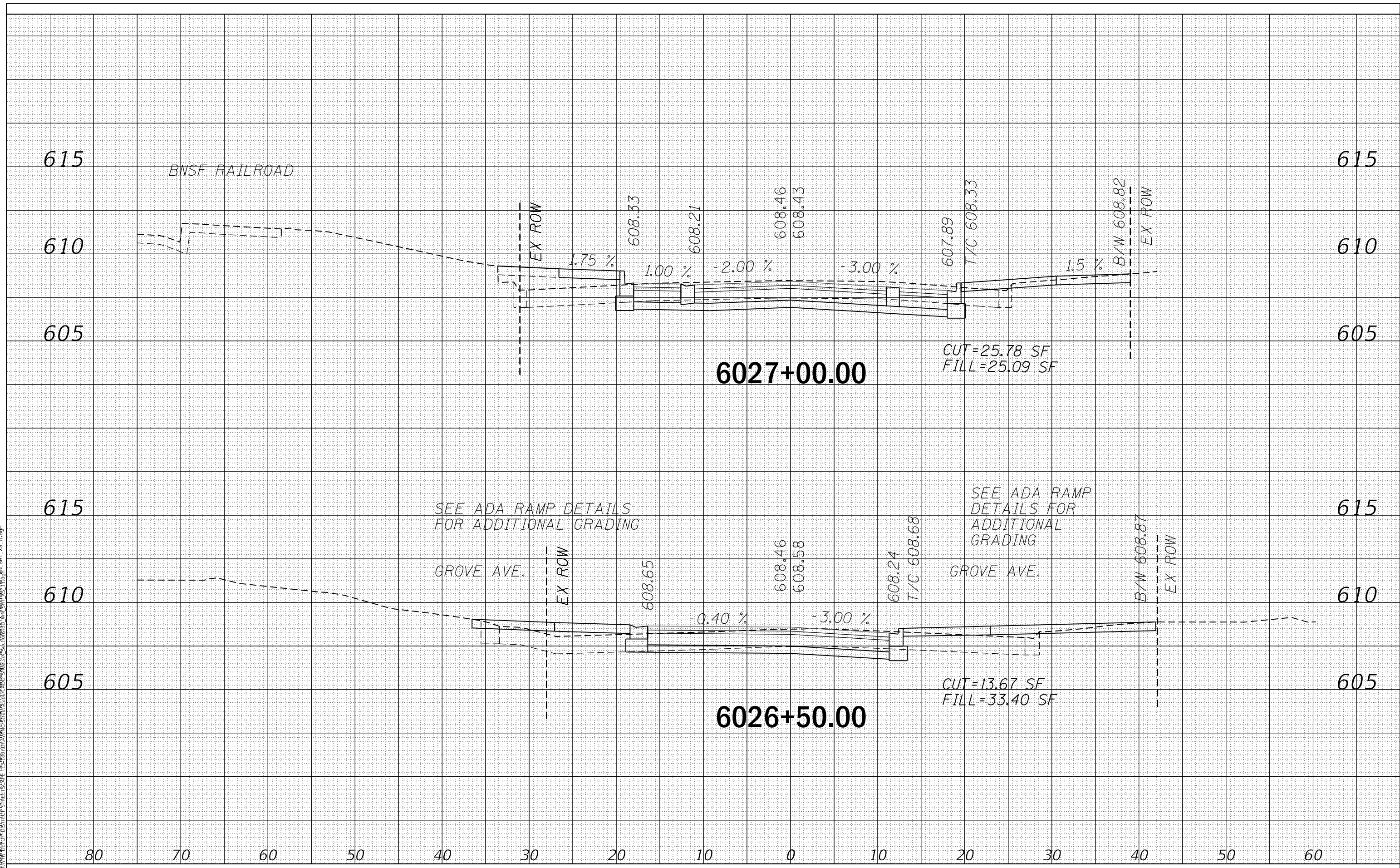
SCALE:	SHEET 10 OF 24 SHEETS	STA. 6022+50.00 TO STA. 6023+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	539
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	
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USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

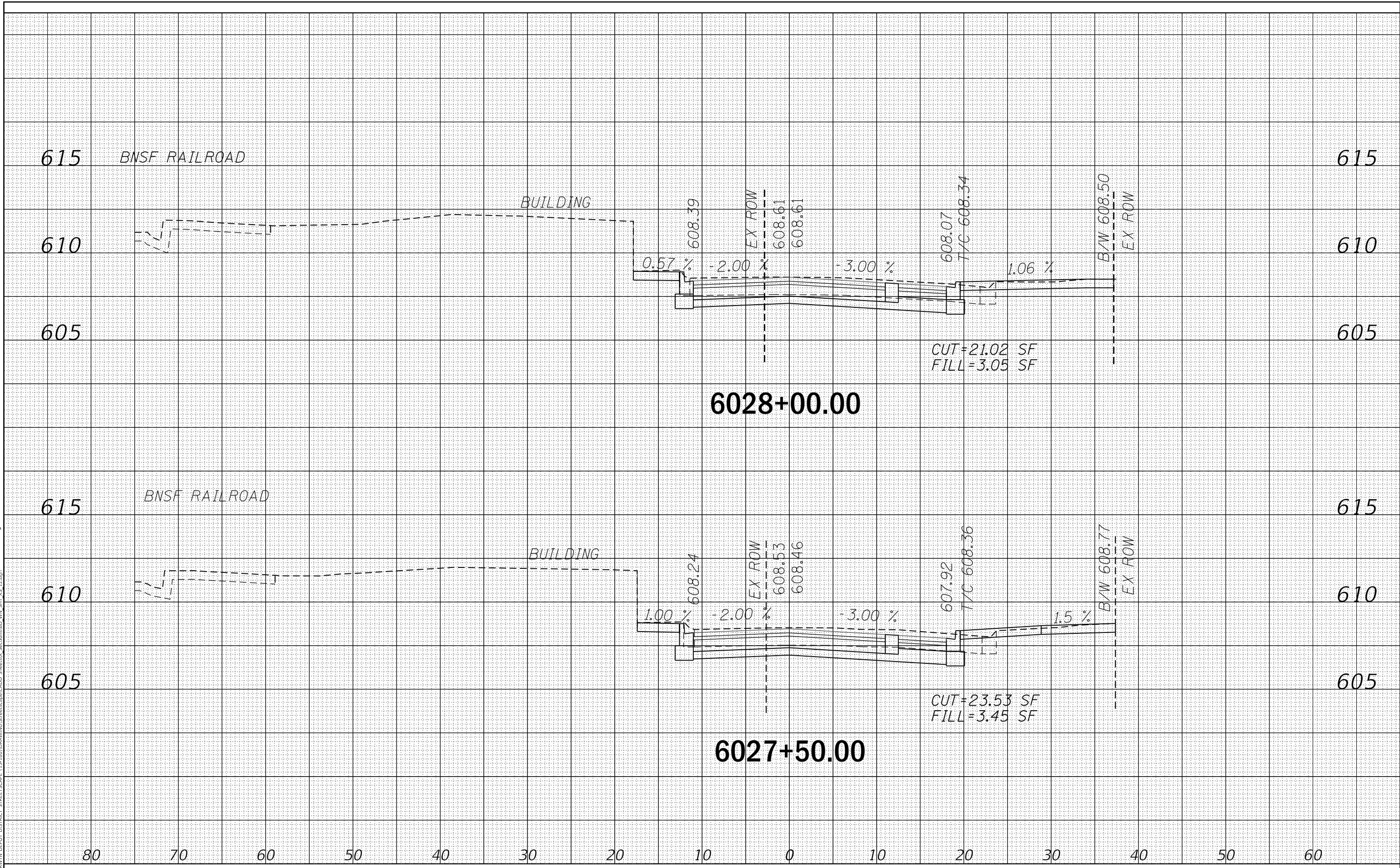
SCALE:	SHEET 11 OF 24 SHEETS	STA. 6026+50.00 TO STA. 6027+00.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	540
				CONTRACT NO. 61H24
ILLINOIS FED. AID PROJECT				

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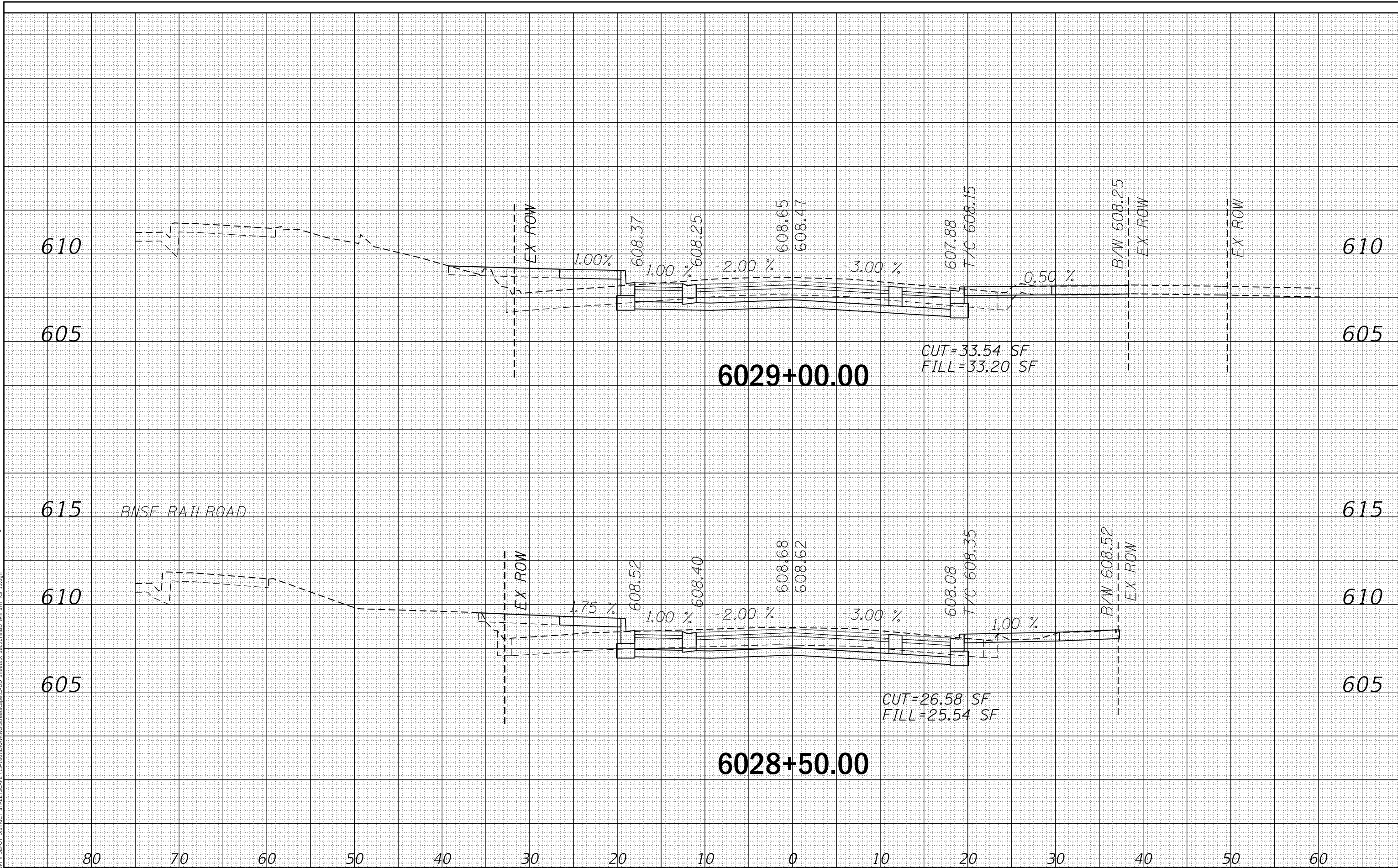


	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,0000' / in. PLOT DATE = 11/29/2021	DRAWN - CHECKED - TWB DATE -	REVISED - REVISED - REVISED -			1036	13-00170-00-RS	COOK	553	541
					SCALE:		SHEET 12 OF 24 SHEETS		STA. 6027+50.00 TO STA. 6028+00.00	
ILLINOIS FED. AID PROJECT										

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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USER NAME = JuanS
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 11/29/2021

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE CROSS SECTIONS

SCALE: SHEET 13 OF 24 SHEETS STA. 6028+50.00 TO STA. 6029+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	542
CONTRACT NO. 61H24				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
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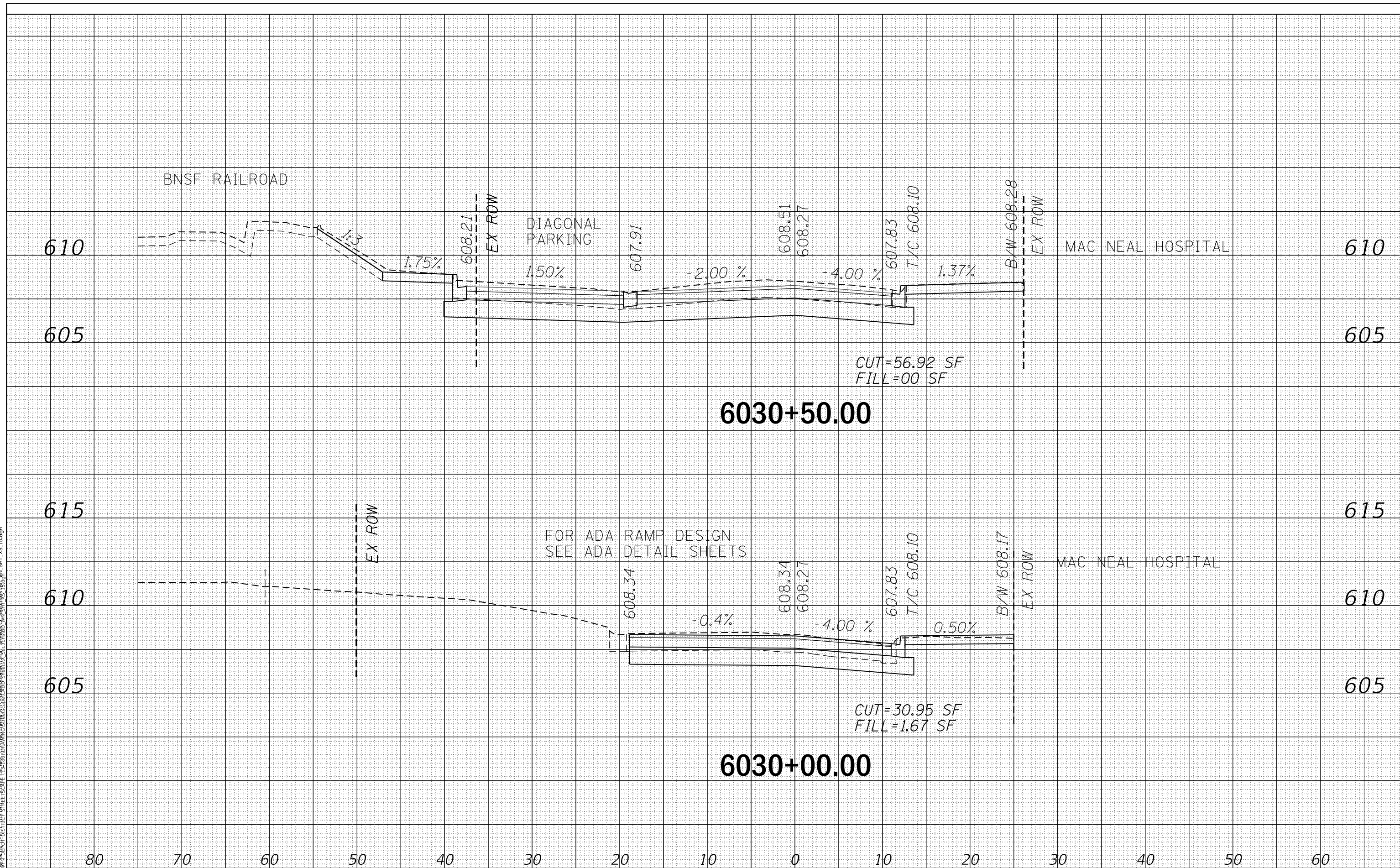


TERRA ENGINEERING LTD.	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,0000' / in.	CHECKED - TWB	REVISED -			1036	13-00170-00-RS	COOK	553	543
	PLOT DATE = 11/29/2021	DATE -	REVISED -	SCALE: SHEET 14 OF 24 SHEETS STA. 6029+50.00 TO STA.		ILLINOIS FED. AID PROJECT				

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USER NAME =	JuanS
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PLLOT SCALE =	10,0000 ' / in.
PLLOT DATE =	11/29/2021

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS

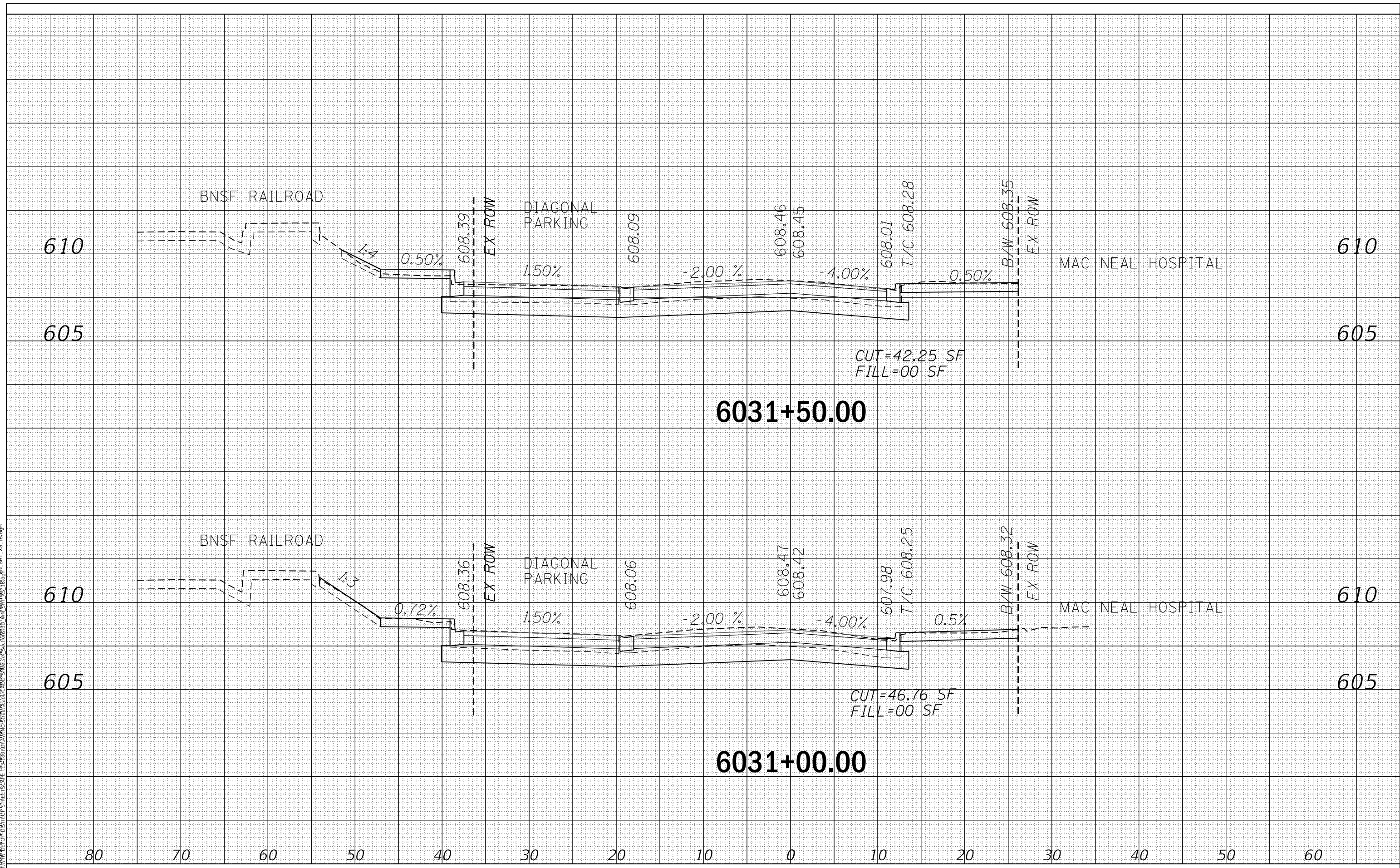
SCALE: SHEET 15 OF 24 SHEETS STA. 6030+00.00 TO STA. 6030+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	544
				CONTRACT NO. 61H24
				ILLINOIS FED. AID PROJECT

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USER NAME = JuanS
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 11/29/2021

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

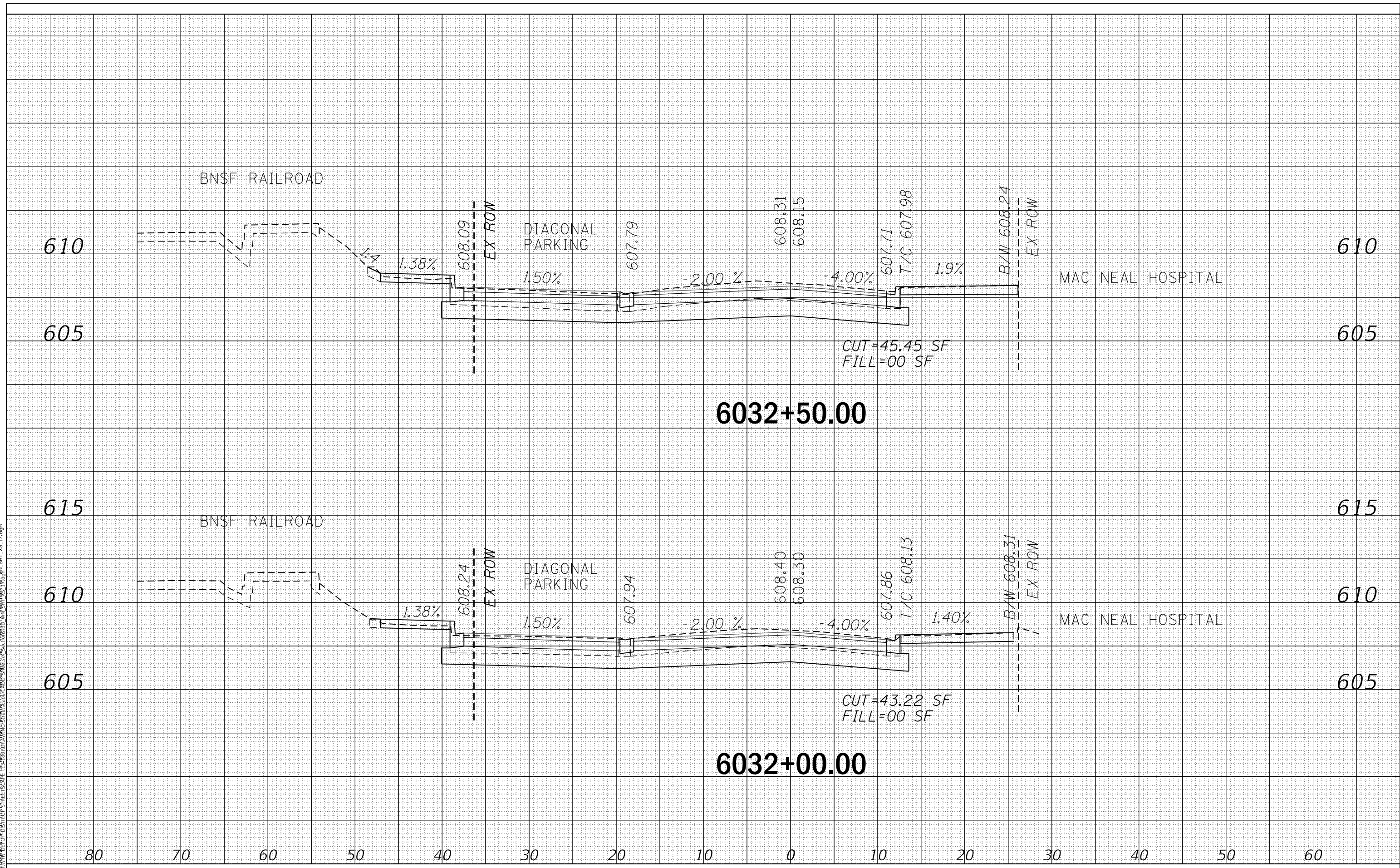
BERWYN DEPOT DISTRICT STREETScape
 WINDSOR AVENUE CROSS SECTIONS

SCALE: SHEET 16 OF 24 SHEETS STA. 6031+00.00 TO STA. 6031+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	545
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

BY	DATE
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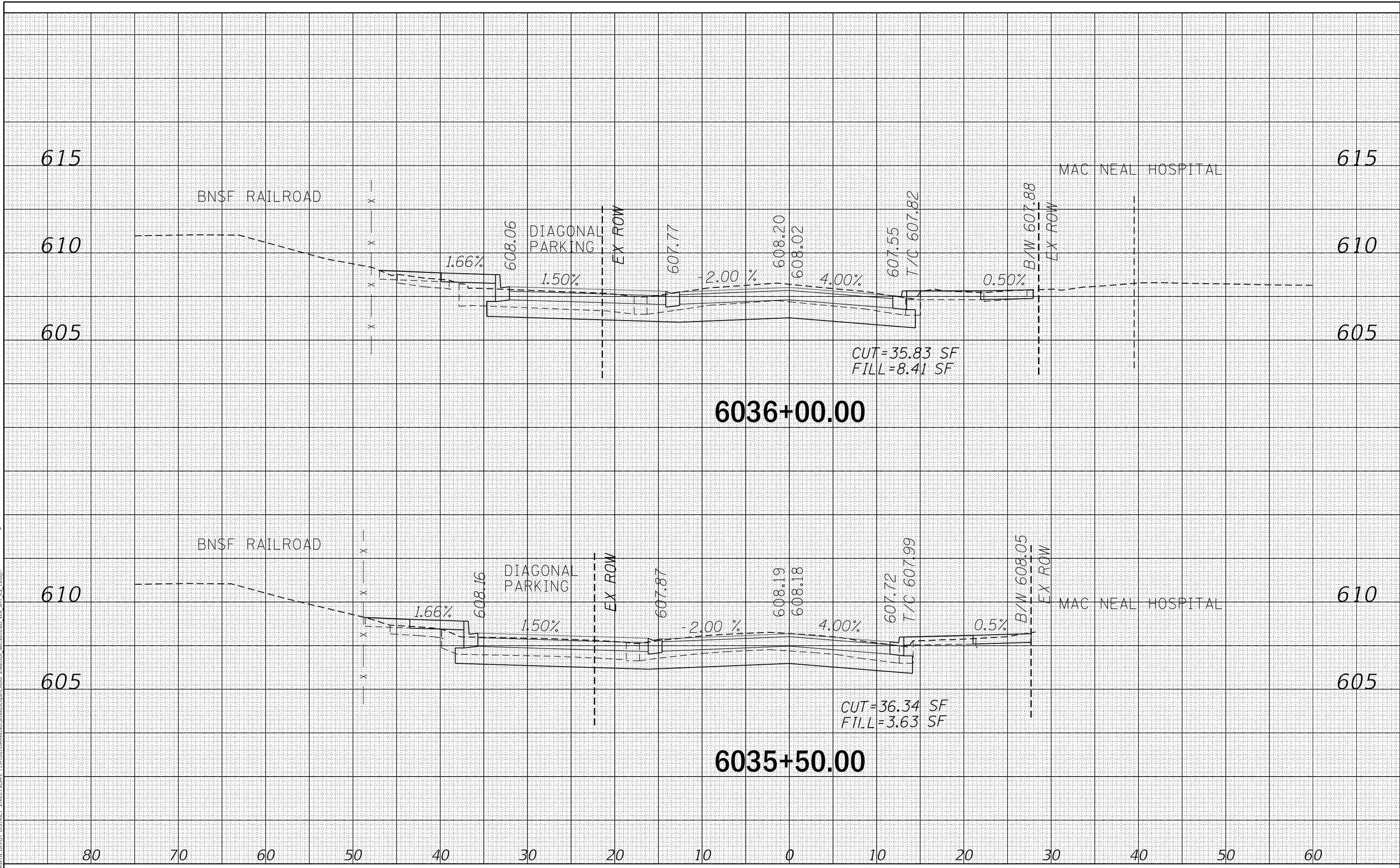
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FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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C:\Users\juan\OneDrive\Desktop\Berwyn\Berwyn Depot District Streetscape\13-00170-00-RS_Sheets\13-00170-00-RS_Sht_19.dgn
 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-RS_Sheets\13-00170-00-RS_Sht_19.dgn



USER NAME = JuanS	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000' / in.	CHECKED - TWB	REVISD -
PLOT DATE = 11/29/2021	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

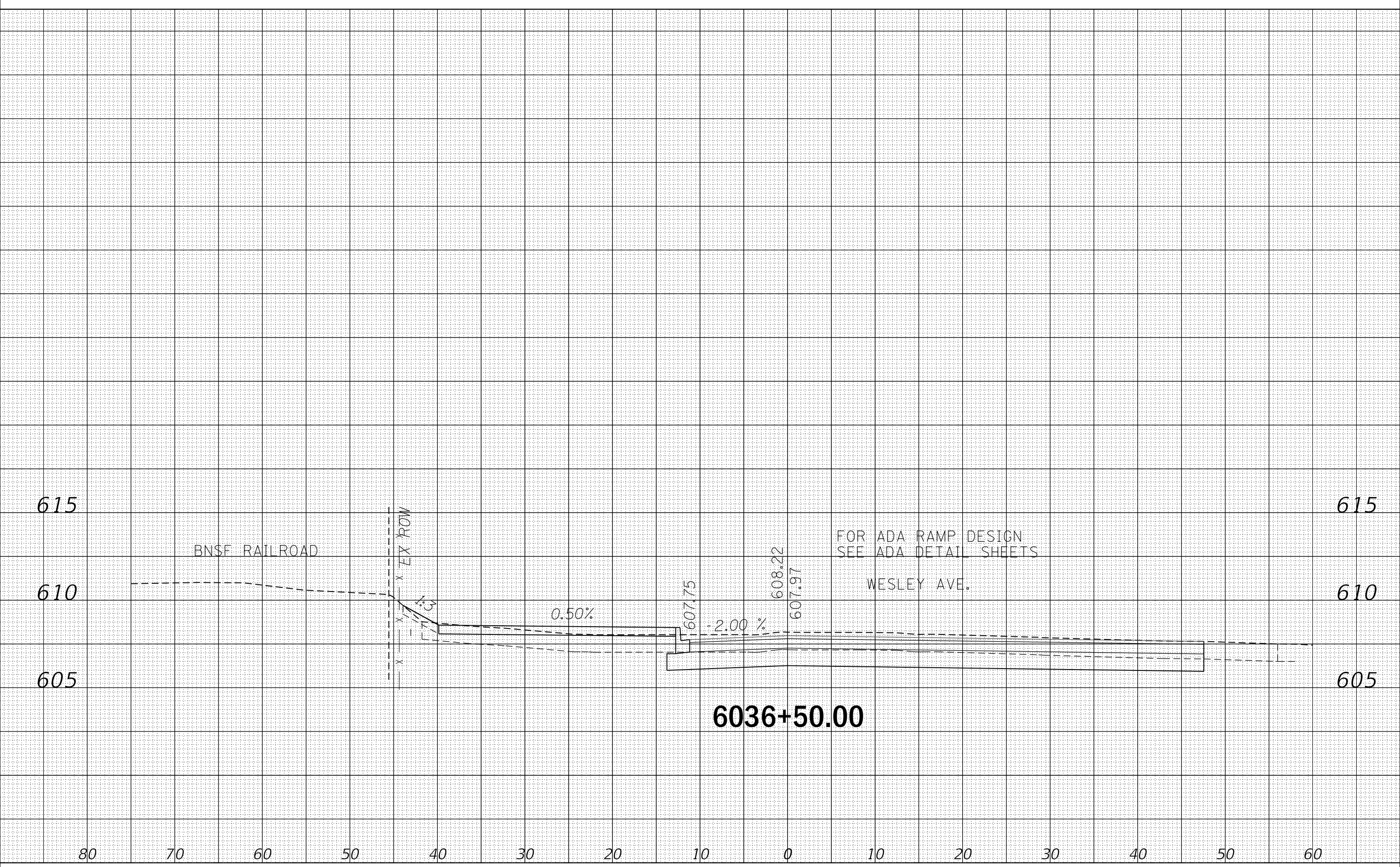
BERWYN DEPOT DISTRICT STREETScape	
WINDSOR AVENUE CROSS SECTIONS	
SCALE:	SHEET 19 OF 24 SHEETS
	STA. 6035+50.00 TO STA. 6036+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	548
			CONTRACT NO. 61H24	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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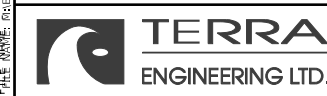
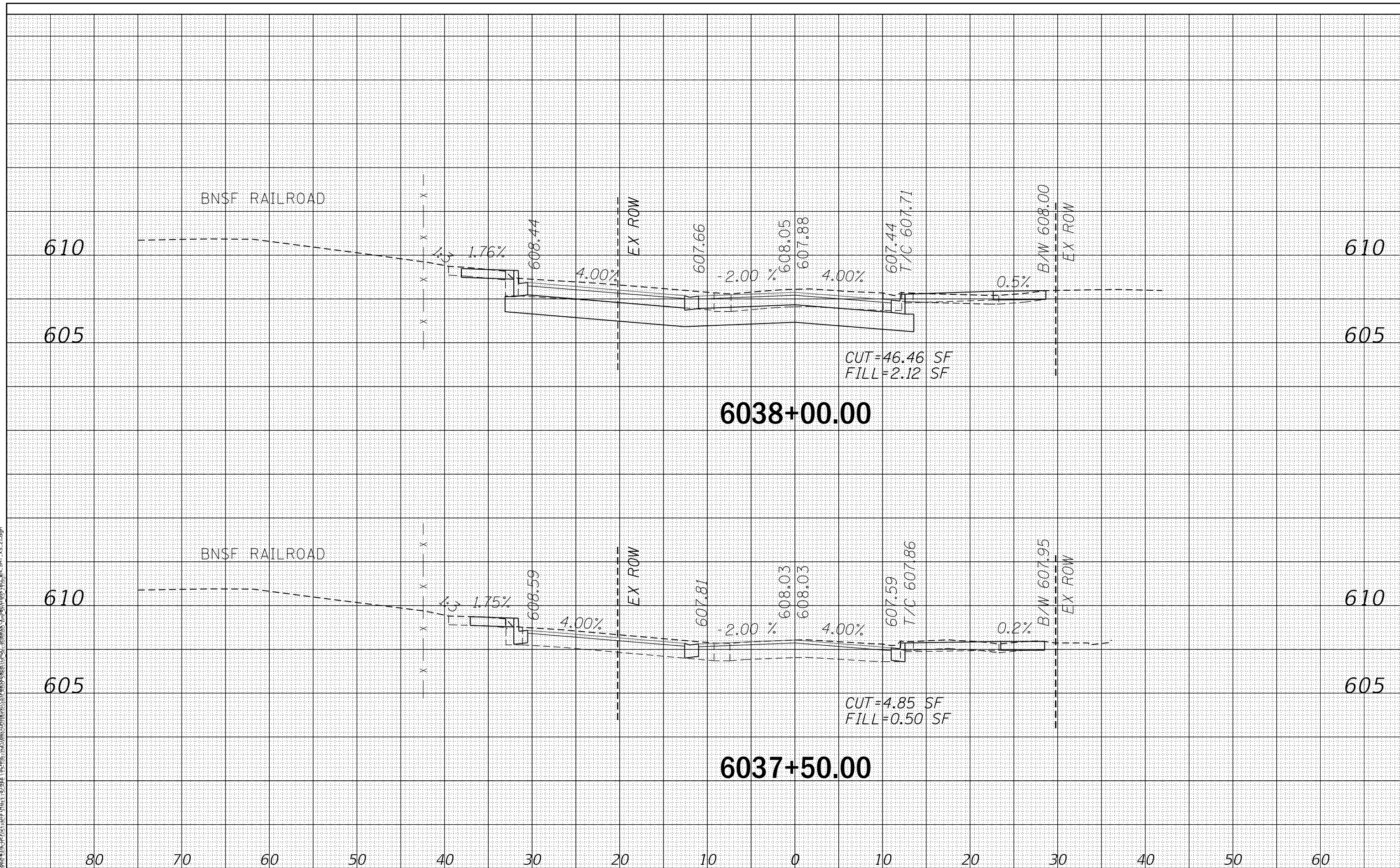
PROJECT: BERWYN DEPOT DISTRICT STREETScape
 FILE NAME: BERWYN DEPOT DISTRICT STREETScape - CROSS SECTIONS - WINDSOR AVENUE CROSS SECTIONS.dwg
 SHEETS: 553 OF 549
 DATE: 11/29/2021



	USER NAME = JuanS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BERWYN DEPOT DISTRICT STREETScape WINDSOR AVENUE CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in. PLOT DATE = 11/29/2021	DRAWN - CHECKED - TWB DATE -	REVISED - REVISED - REVISED -			1036	13-00170-00-RS	COOK	553	549
SCALE: SHEET 20 OF 24 SHEETS STA. 6036+50.00 TO STA. 6036+50.00										

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USER NAME = JuanS	DESIGNED -	REVISED -
PLLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLLOT DATE = 11/29/2021	CHECKED - TWB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS

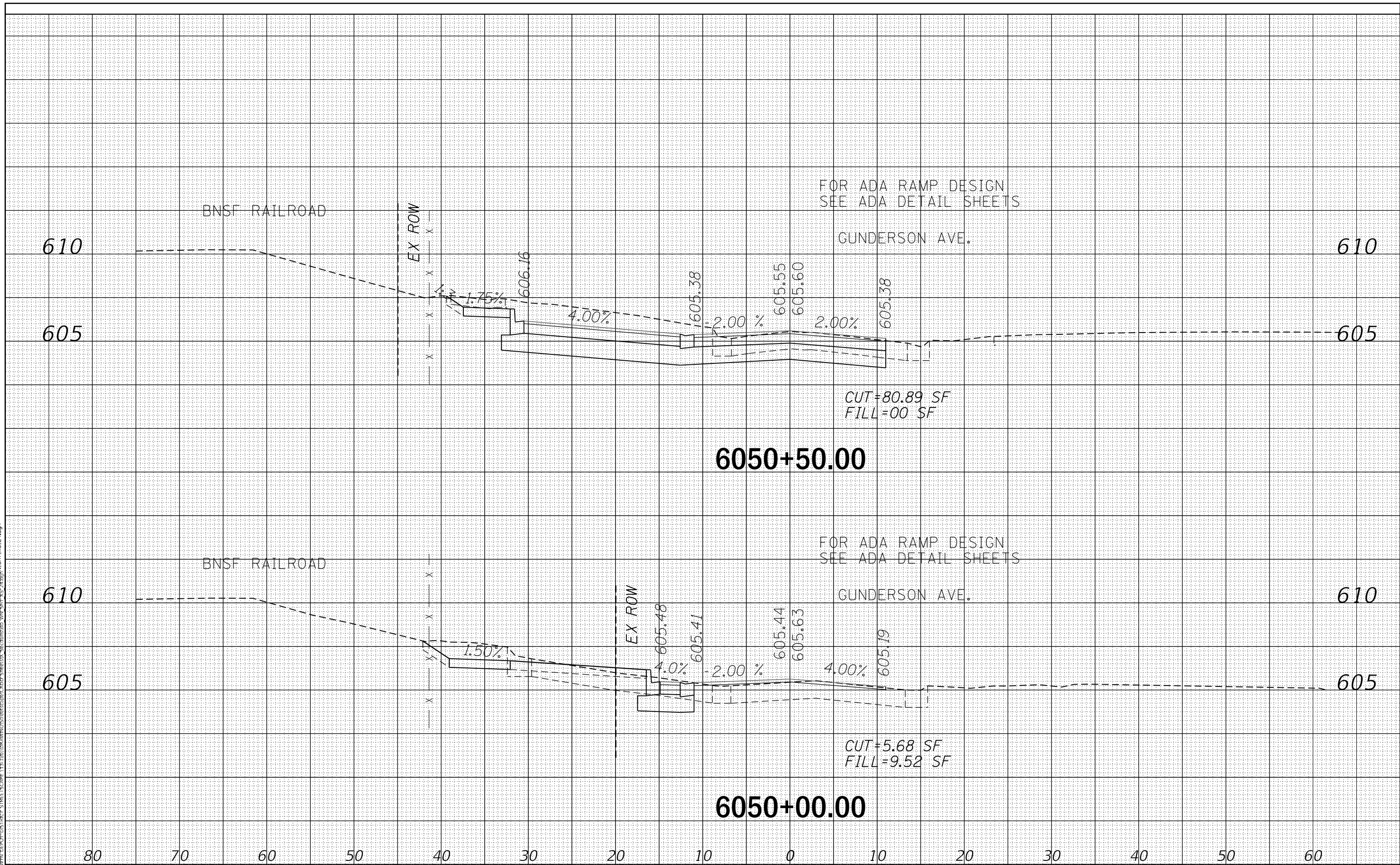
SCALE: SHEET 21 OF 24 SHEETS STA. 6037+50.00 TO STA. 6038+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	550
CONTRACT NO. 61H24				
ILLINOIS FED. AID PROJECT				

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

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 FILE NAME: BERWYN DEPOT DISTRICT STREETScape\13-00170-00-Sheets\13-00170-00-11-Sht_XS_24.dgn



USER NAME =	JuanS
PLOT SCALE =	10.0000' / in.
PLOT DATE =	11/29/2021

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BERWYN DEPOT DISTRICT STREETScape
WINDSOR AVENUE CROSS SECTIONS

SCALE: SHEET 24 OF 24 SHEETS STA. 6050+00.00 TO STA. 6050+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1036	13-00170-00-RS	COOK	553	553
			CONTRACT NO. 61H24	

ILLINOIS FED. AID PROJECT