

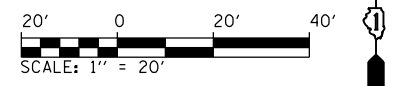
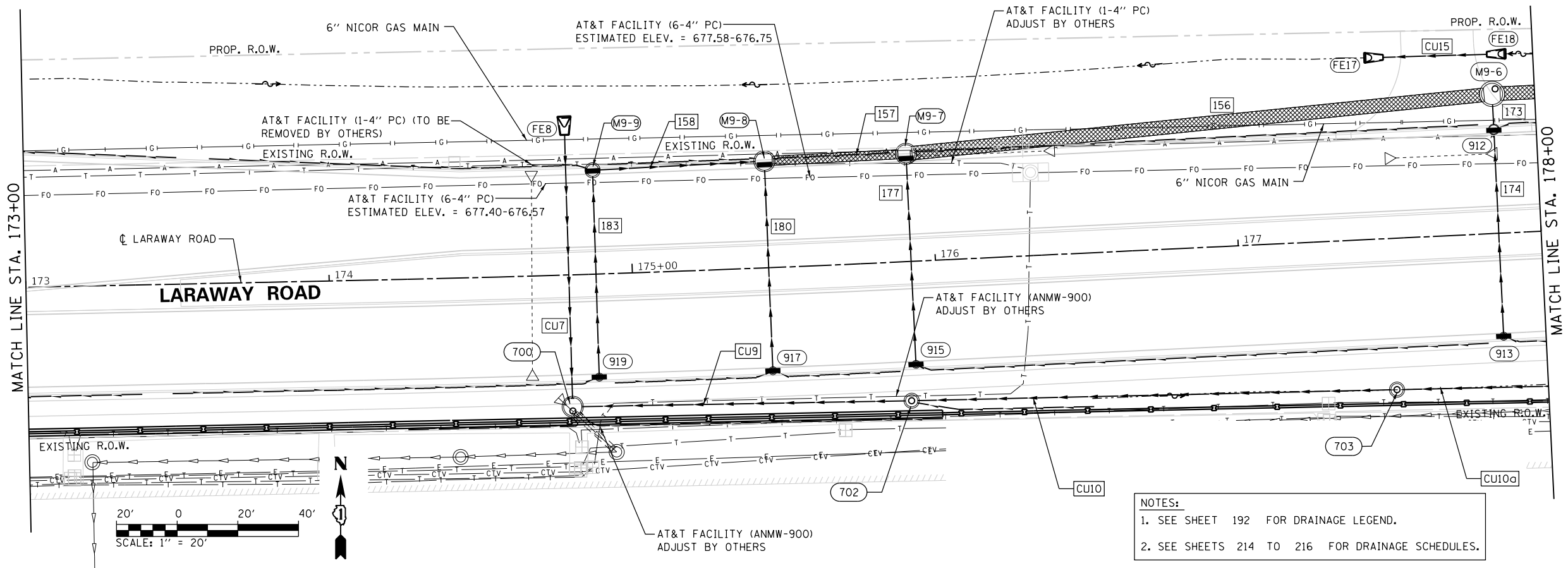
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION SWIRN	
	NOTE BOOK NO.	
	CADD FILE NAME	

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

PLOT DRIVER = pldrvlayerbwhwtdlg  
PEN TABLE = LARAWAY\_drahtaga.tbl

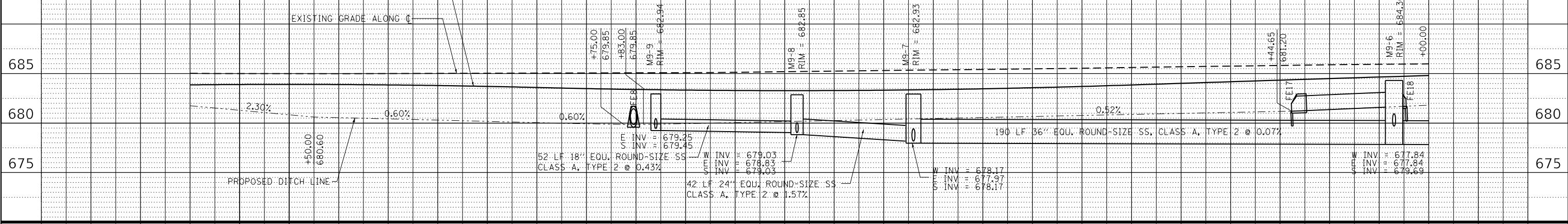
PLOT SCALE =  
PLOT DATE =

USER NAME = Mike Moss  
DIRECTORY = L:\MILLCO\1704\01\Draw\CADD\_Sheets\

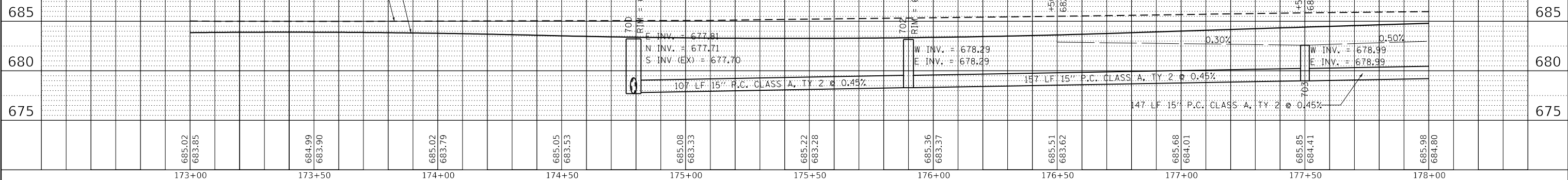


**NOTES:**  
1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.

**LEFT DITCH (NORTH) PROFILE**



**RIGHT DITCH (SOUTH) PROFILE**



685.02	683.85	684.99	683.90	685.02	683.79	685.05	683.53	685.08	683.33	685.22	683.28	685.36	683.37	685.51	683.62	685.68	684.01	685.85	684.41	685.98	684.80
173+00	173+50	174+00	174+50	175+00	175+50	176+00	176+50	177+00	177+50	178+00											



FILE NAME = sht-drahtaga-10.dgn	DESIGNED - ECW	REVISED -
MODEL NAME = Default	DRAWN - ECW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/9/2022 - 12:21:16 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE	
LARAWAY ROAD	
SCALE: 1" = 20'	SHEET 10 OF 14 SHEETS
STA. 173+00	TO STA. 178+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	201
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

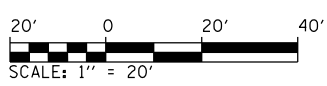
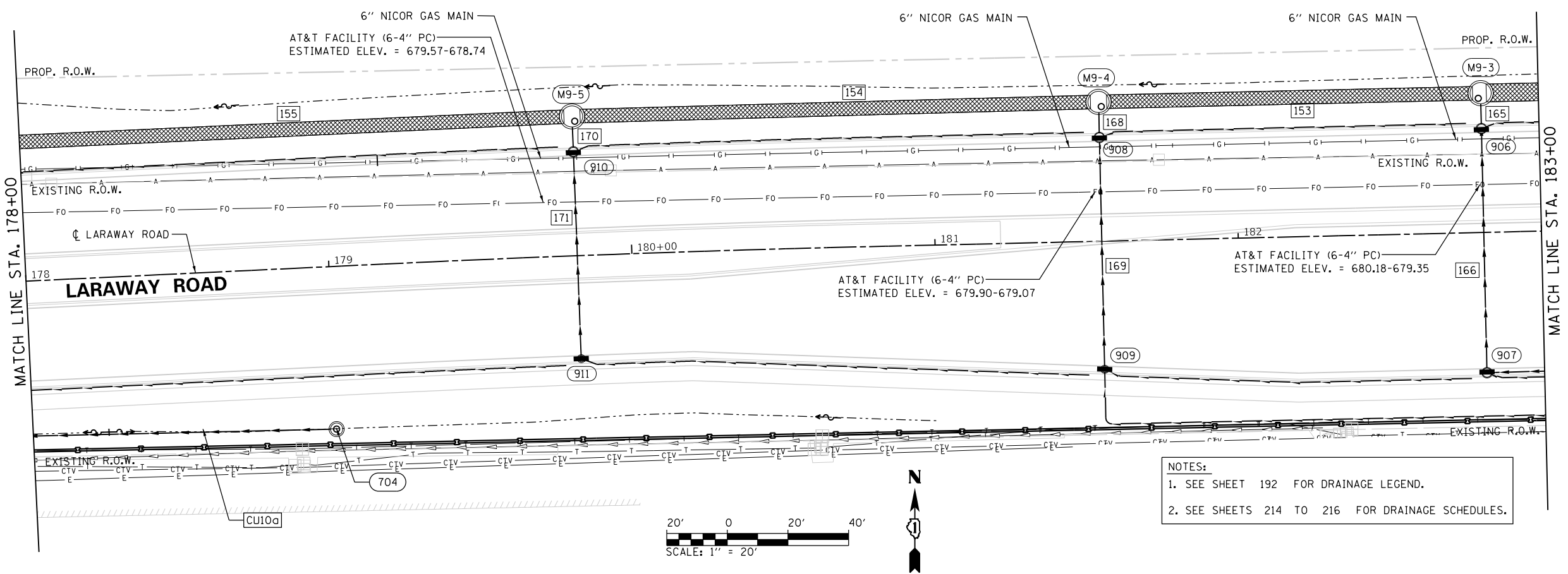
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	CADD FILE NAME	
	NO.	

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

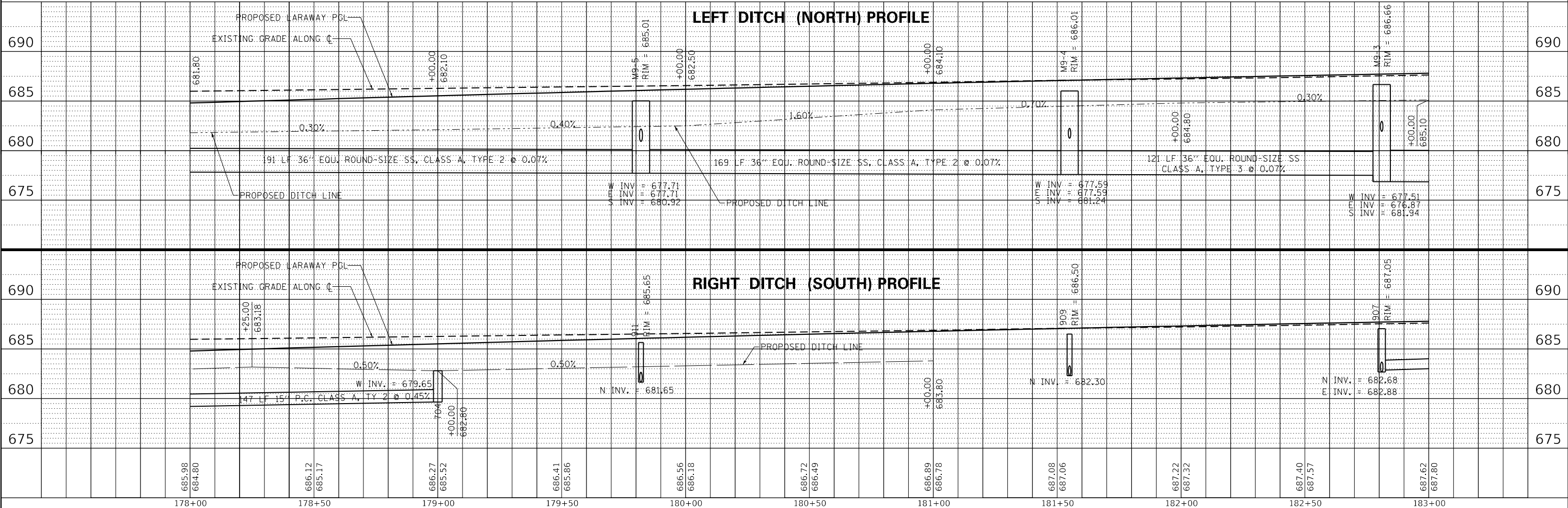
PLOT DRIVER = pdfnolayershwatdig  
PEN TABLE = Laraway\_Drainage.tbl

PLOT SCALE =  
PLOT DATE =

USER NAME = Mike Moes  
DIRECTORY = L:\MILLCO\1704-01\Draw\CADD\_Sheets\

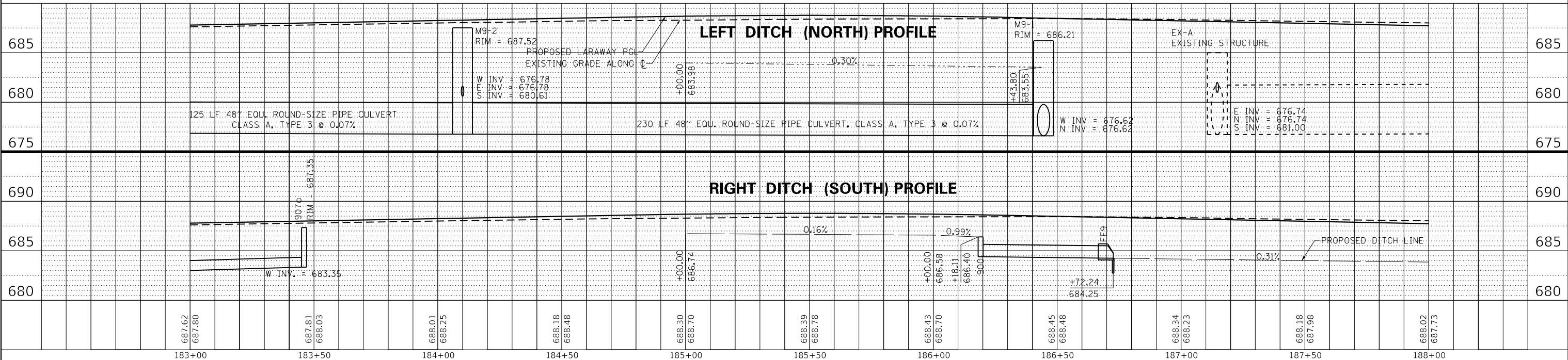
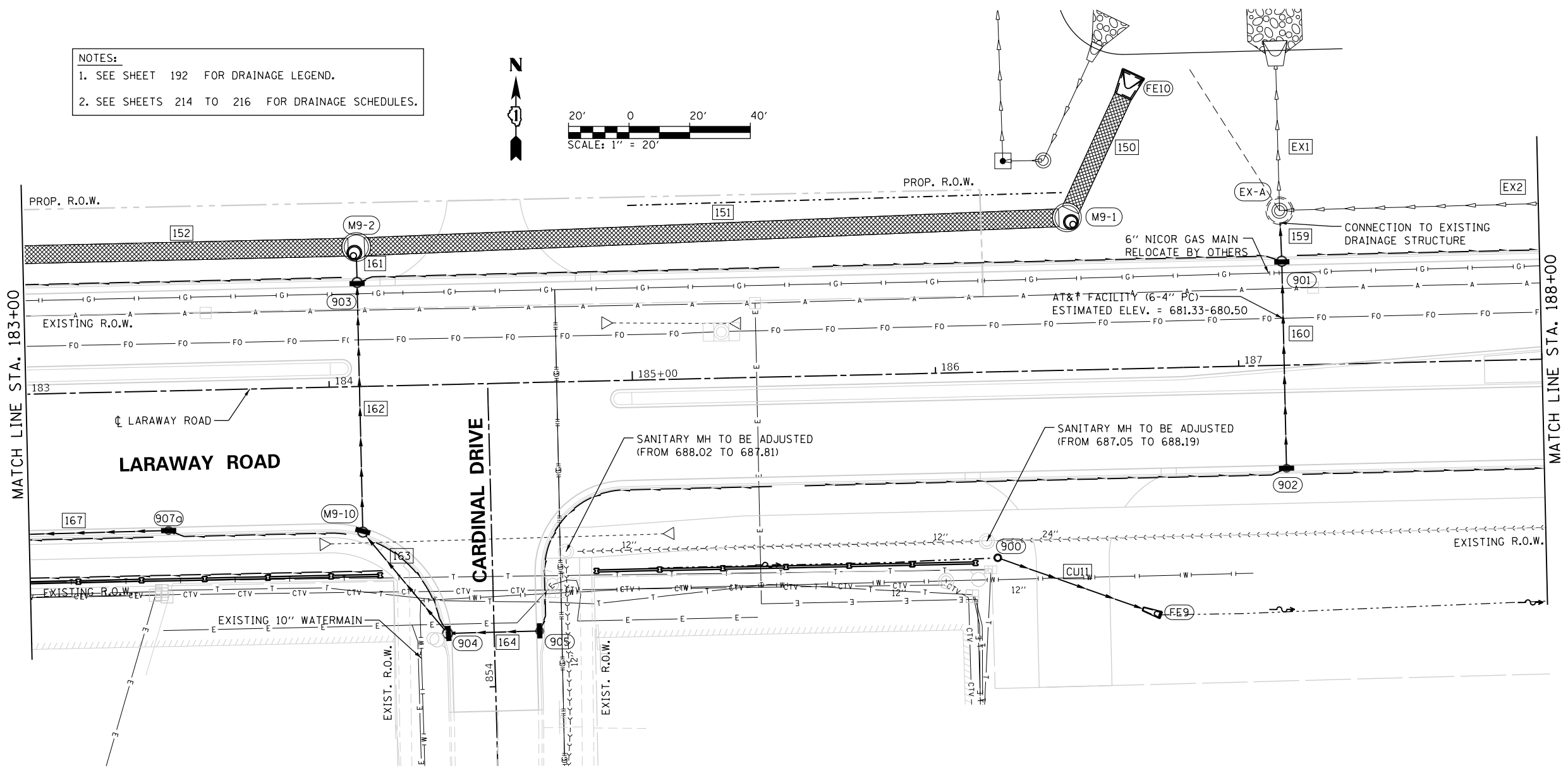
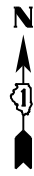
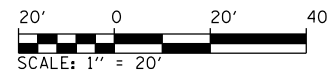


NOTES:  
1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



	FILE NAME = sht-drainage-11.dgn	DESIGNED - ECW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN AND PROFILE</b> <b>LARAWAY ROAD</b>		F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 202		
	MODEL NAME = Default	DRAWN - ECW	REVISED -		SCALE: 1" = 20'	SHEET 11	OF 14 SHEETS	STA. 178+00	TO STA. 183+00	CONTRACT NO. 61H20			
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 9/9/2022 - 12:21:21 PM	DATE = 09/09/2022	REVISED -										

NOTES:  
 1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
 2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	DATE	

PLAN SCALE	PLOT DATE

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	REVISED	

USER NAME = Mike Moss  
 DIRECTORY = L:\MILLCO\17204\01\Draw\CADD\_Sheets...



FILE NAME	= shd-drahdage-12.dgn
MODEL NAME	= Default
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 9/9/2022 - 12:21:24 PM
DESIGNED	- ECW
DRAWN	- ECW
CHECKED	-
DATE	- 09/09/2022
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE  
 LARAWAY ROAD

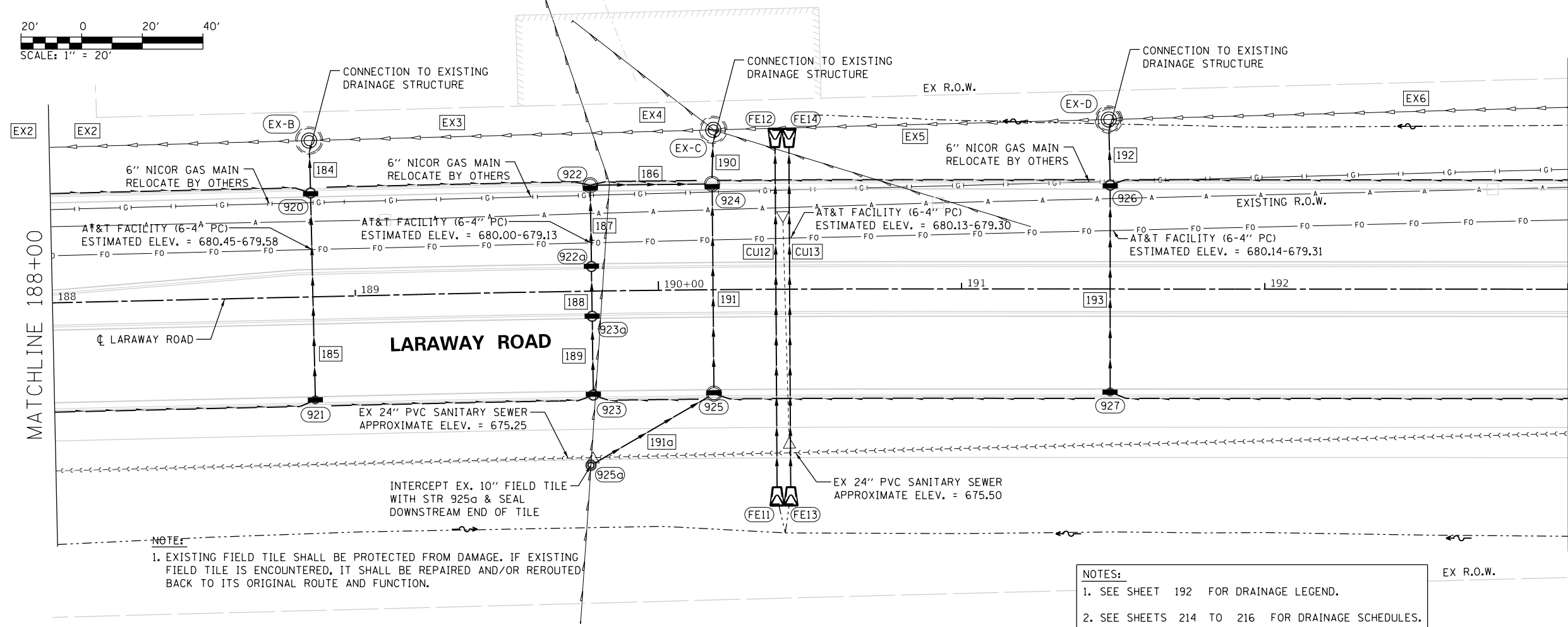
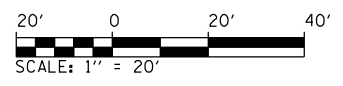
SCALE: 1" = 20' SHEET 12 OF 14 SHEETS STA. 183+00 TO STA. 188+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	203
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

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

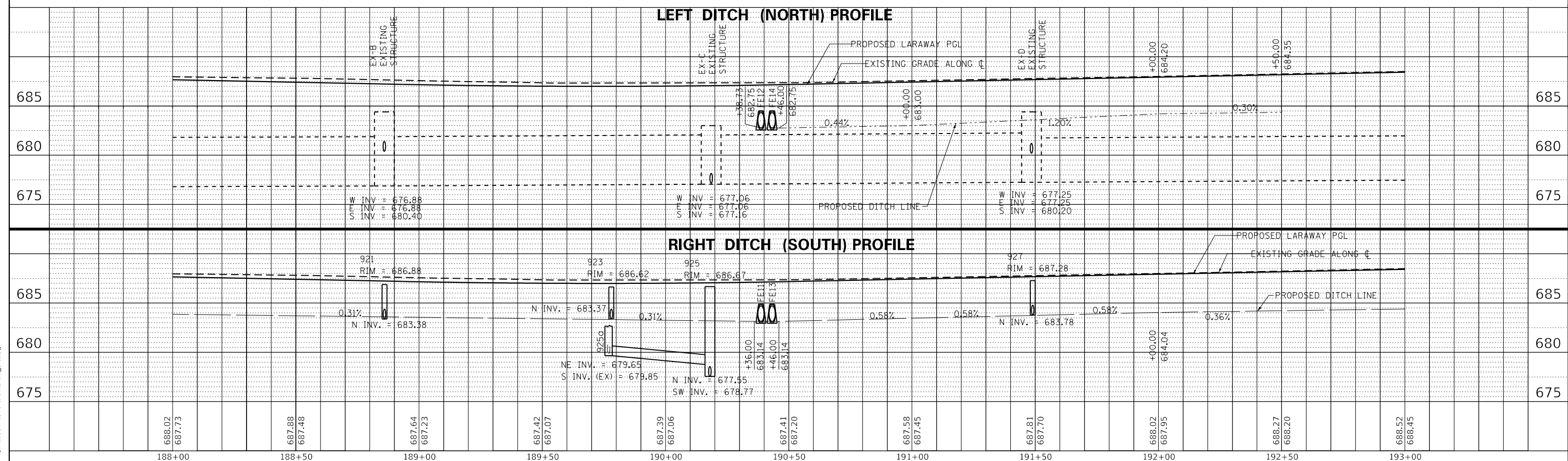
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	
	BY	
	DATE	

USER NAME = Mike Moss  
 DIRECTORY = L:\MILLCO\17204\01Draw\CADD\_Sheets...



**NOTE:**  
 1. EXISTING FIELD TILE SHALL BE PROTECTED FROM DAMAGE. IF EXISTING FIELD TILE IS ENCOUNTERED, IT SHALL BE REPAIRED AND/OR REROUTED BACK TO ITS ORIGINAL ROUTE AND FUNCTION.

**NOTES:**  
 1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
 2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



FILE NAME =	shd-drahtage-13.dgn
MODEL NAME =	Default
PLOT SCALE =	40.0000' / in.
PLOT DATE =	9/9/2022 - 12:21:28 PM
DESIGNED -	ECW
DRAWN -	ECW
CHECKED -	
DATE -	09/09/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE	
LARAWAY ROAD	
SCALE: 1" = 20'	SHEET 13 OF 14 SHEETS
STA. 188+00	TO STA. 193+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	204
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

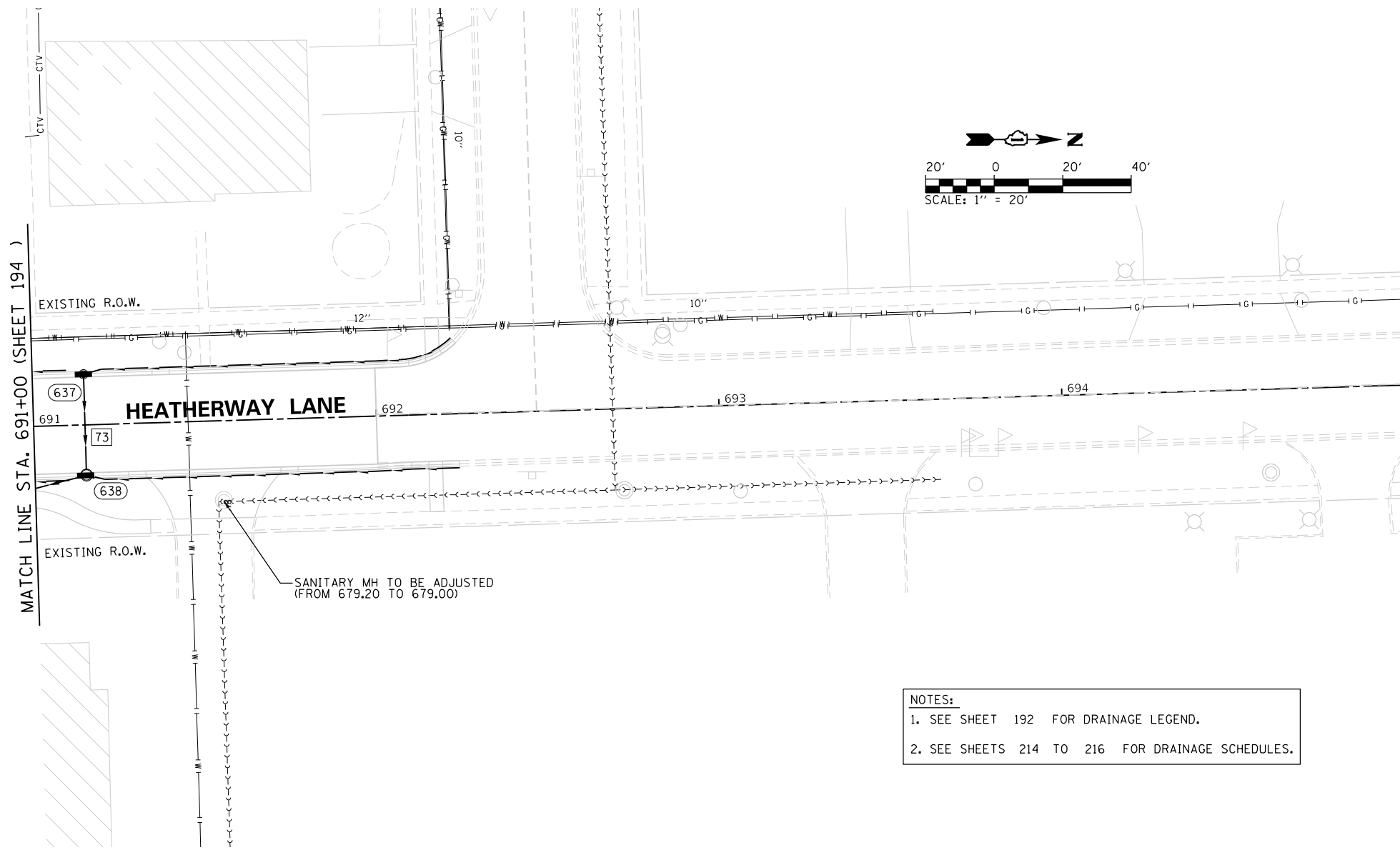


PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	GRADES CHECKED		
	CADD FILE NAME		

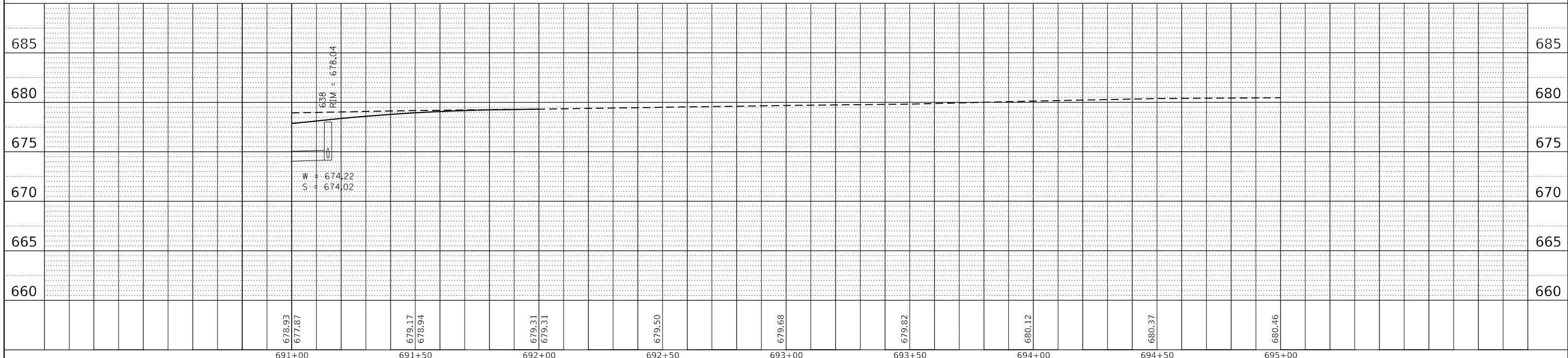
PLOT DRIVER = pdfNOLAYERSwldldg  
PEN TABLE = Laraway\_Draught.tbl

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

USER NAME = Mike Moes  
DIRECTORY = L:\WILLCO\17204-01\Draw\CADD\_Sheets\



- NOTES:**
- SEE SHEET 192 FOR DRAINAGE LEGEND.
  - SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



FILE NAME = sht-drainage-16.dgn	DESIGNED - ECW	REVISED -
MODEL NAME = Default	DRAWN - ECW	REVISED -
PLOT SCALE = 40,0055' / in.	CHECKED -	REVISED -
PLOT DATE = 9/9/2022 - 12:21:35 PM	DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE  
HEATHERWAY LANE**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 691+00 TO STA. 694+00

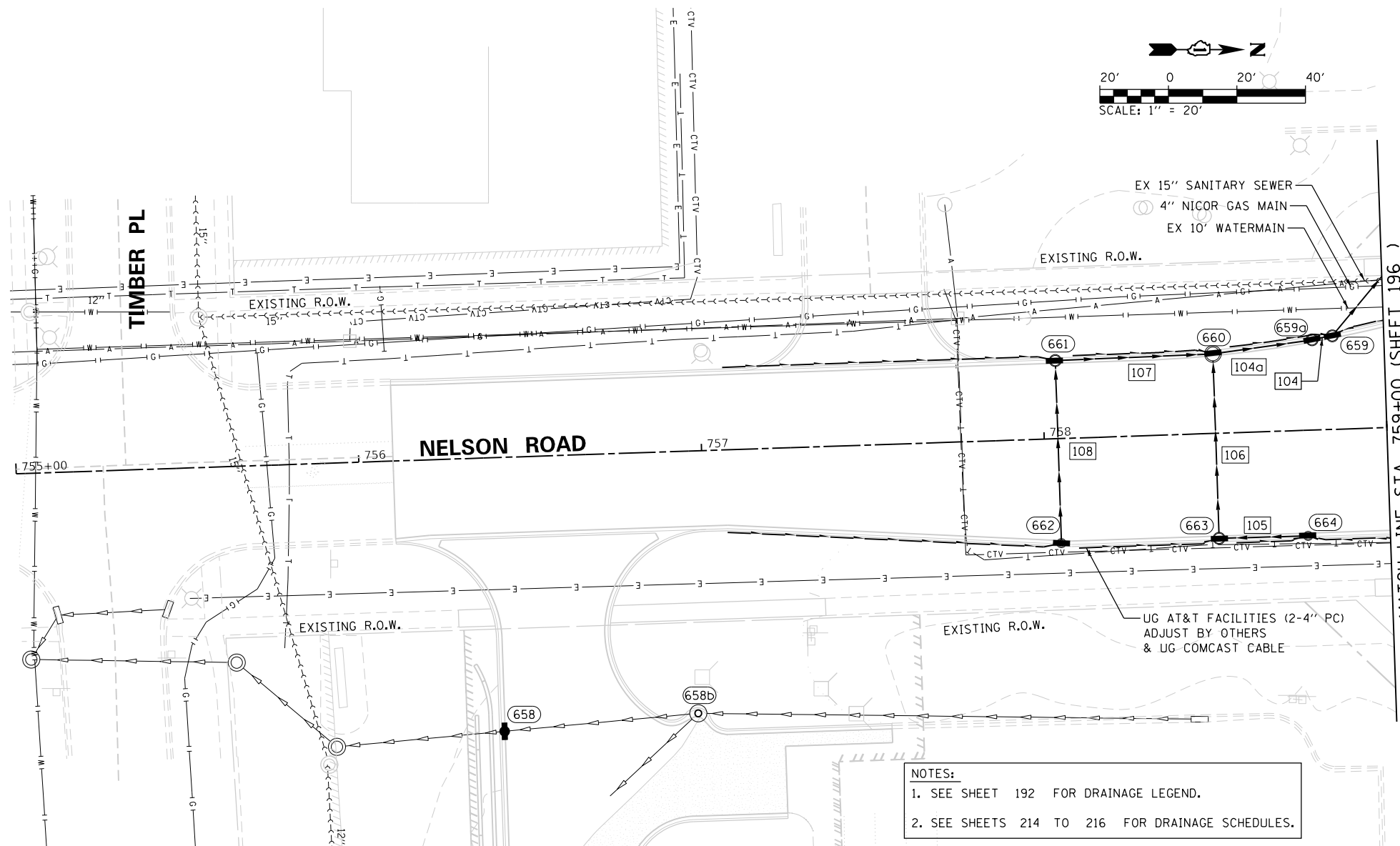
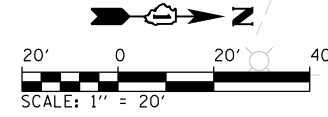
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	206
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	CADD FILE NAME		
	NO.		

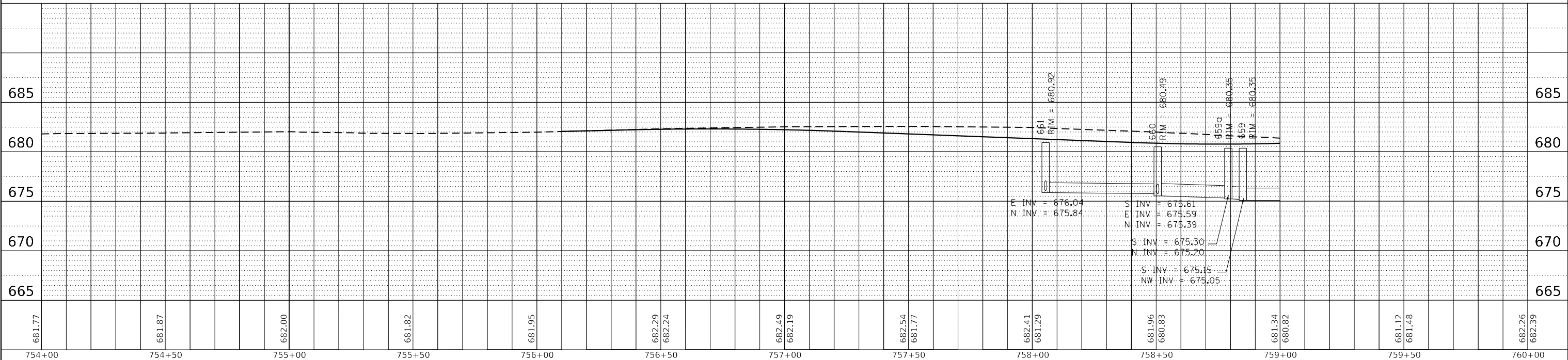
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

PLOT DRIVER = pdfNLAYERShwldlg  
PEN TABLE = Lrsway\_Draining.tbl

USER NAME = Mike Moes  
DIRECTORY = L:\WILLCO17204-01\Draw\CADD\_Sheets\..



NOTES:  
1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



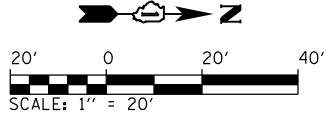
754+00	681.77	754+50	681.87	755+00	682.00	755+50	681.82	756+00	681.95	756+50	682.29 682.24	757+00	682.49 682.19	757+50	682.54 681.77	758+00	682.41 681.29	758+50	681.96 680.83	759+00	681.34 680.82	759+50	681.12 681.48	760+00	682.26 682.39
FILE NAME = sht-drainage-17.dgn		DESIGNED - ECW		REVISED -		MODEL NAME = Default		DRAWN - ECW		REVISED -		PLOT SCALE = 40,0055' / in.		CHECKED -		REVISED -		PLOT DATE = 9/9/2022 - 12:21:39 PM		DATE - 09/09/2022		REVISED -			
				<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>				<b>DRAINAGE PLAN AND PROFILE</b> <b>NELSON ROAD</b>				F.A.U. RTE. 0320 SECTION 13-00138-37-PV COUNTY WILL TOTAL SHEETS 413 SHEET NO. 207 CONTRACT NO. 61H20 ILLINOIS FED. AID PROJECT													
SCALE: 1" = 20'		SHEET 1 OF 2 SHEETS		STA. 755+00		TO STA. 759+00																			

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

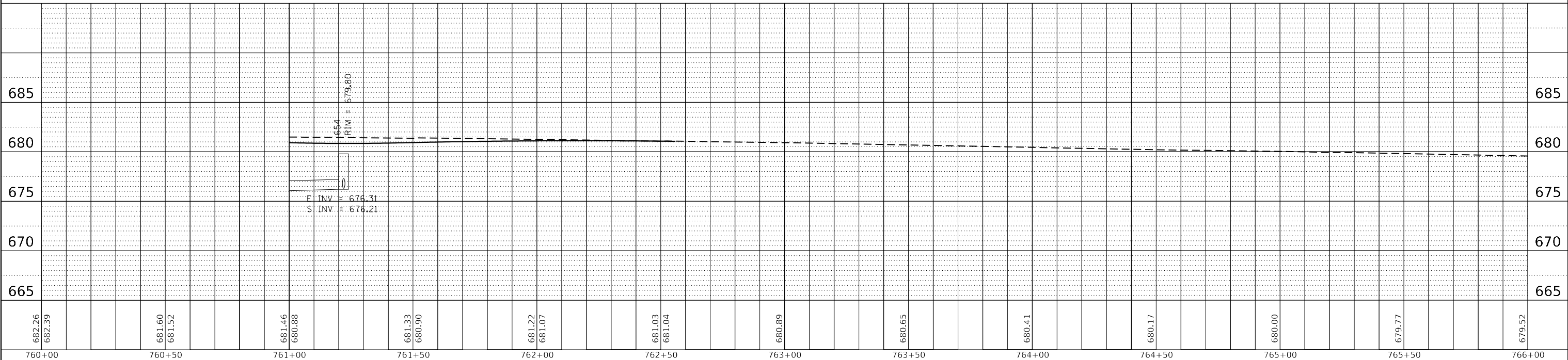
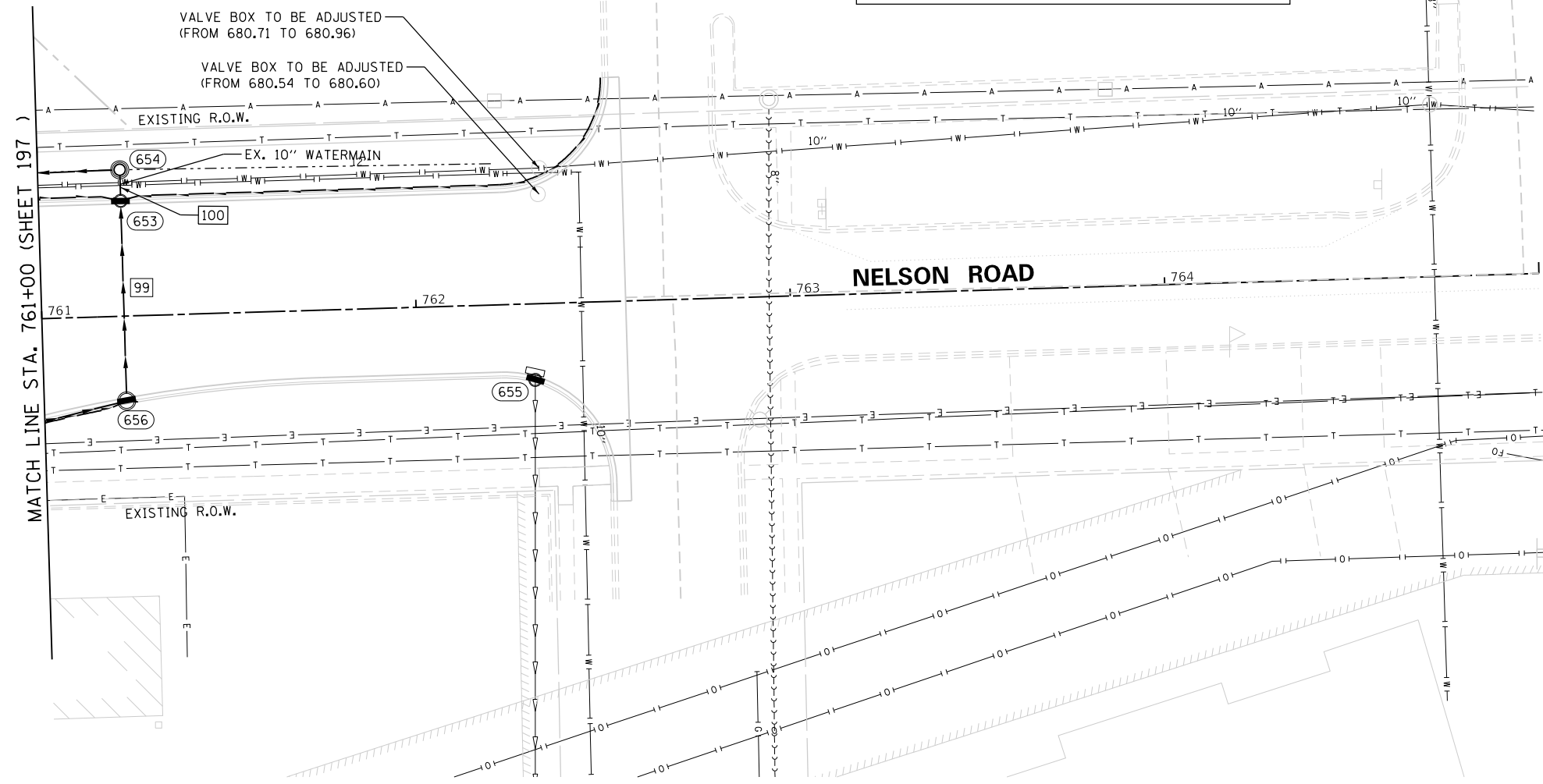
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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

USER NAME = Mike Moes  
 DIRECTORY = L:\WILLCO17204-01\Draw\CADD\_Sheets\...



**NOTES:**  
 1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
 2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



FILE NAME =	sht-drainage-18.dgn	DESIGNED -	ECW	REVISED -	
MODEL NAME =	Default	DRAWN -	ECW	REVISED -	
PLOT SCALE =	40,0055' / in.	CHECKED -		REVISED -	
PLOT DATE =	9/9/2022 - 12:21:42 PM	DATE -	09/09/2022	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN AND PROFILE NELSON ROAD</b>			
SCALE: 1" = 20'	SHEET 2	OF 2 SHEETS	STA. 761+00 TO STA. 765+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	208
				CONTRACT NO. 61H20
				ILLINOIS FED. AID PROJECT



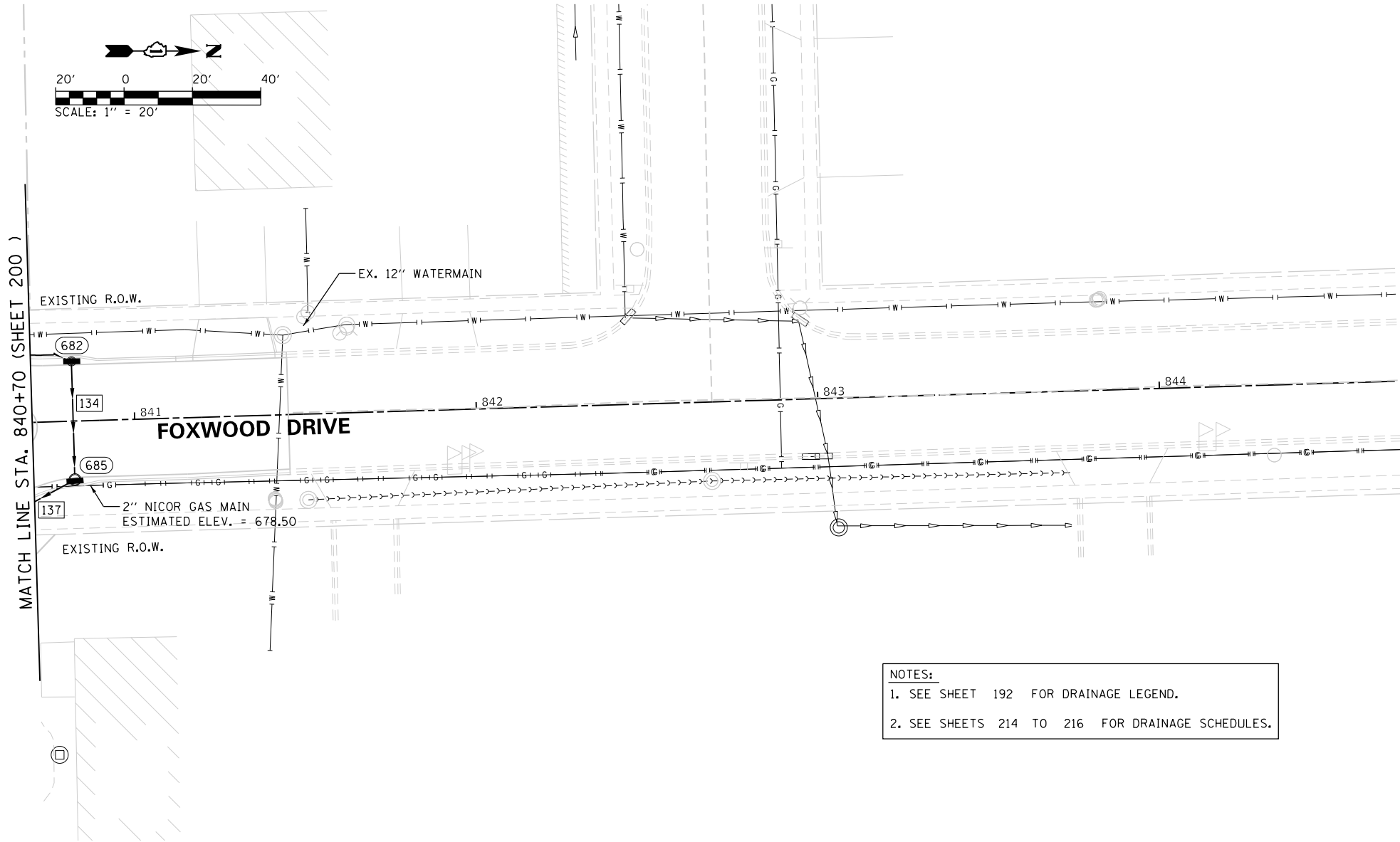
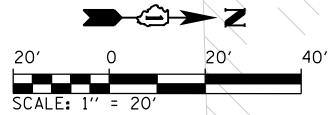
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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

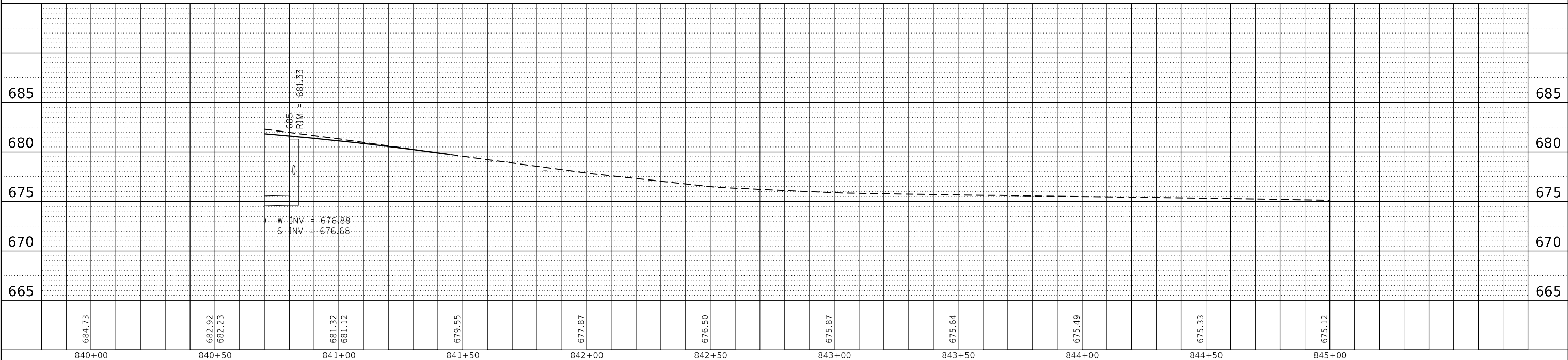
PLOT DRIVER = pdfHOLAYERSwpltdlg  
PEN TABLE = Laraway\_drainage.tbl

PLOT SCALE =  
PLOT DATE =

USER NAME = Mike Moes  
DIRECTORY = L:\WILLCO\1720-01\Draw\CADD\_Sheets\



**NOTES:**  
1. SEE SHEET 192 FOR DRAINAGE LEGEND.  
2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



FILE NAME =	sht-drainage-19.dgn
MODEL NAME =	Default
PLOT SCALE =	40.0000' / in.
PLOT DATE =	9/9/2022 - 12:21:46 PM

DESIGNED -	ECW	REVISED -	
DRAWN -	ECW	REVISED -	
CHECKED -		REVISED -	
DATE -	09/09/2022	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN AND PROFILE FOXWOOD DRIVE</b>			
SCALE: 1" = 20'	SHEET 1	OF 1 SHEETS	STA. 840+70 TO STA. 844+70

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	209
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= J:\PROJECTS\2022\1221\149\Drawings\Drawings.dwg

PLOT SCALE  
PLOT DATE  
= 40,000.0' / in.  
= 9/9/2022 (12:21:49 PM)

USER NAME  
DIRECTORY  
= Mike Moser  
= J:\PROJECTS\2022\1221\149\Drawings\Drawings.dwg

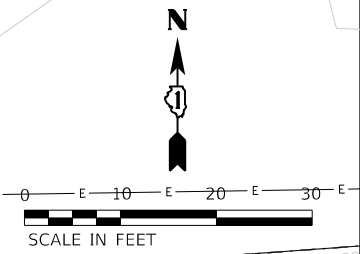
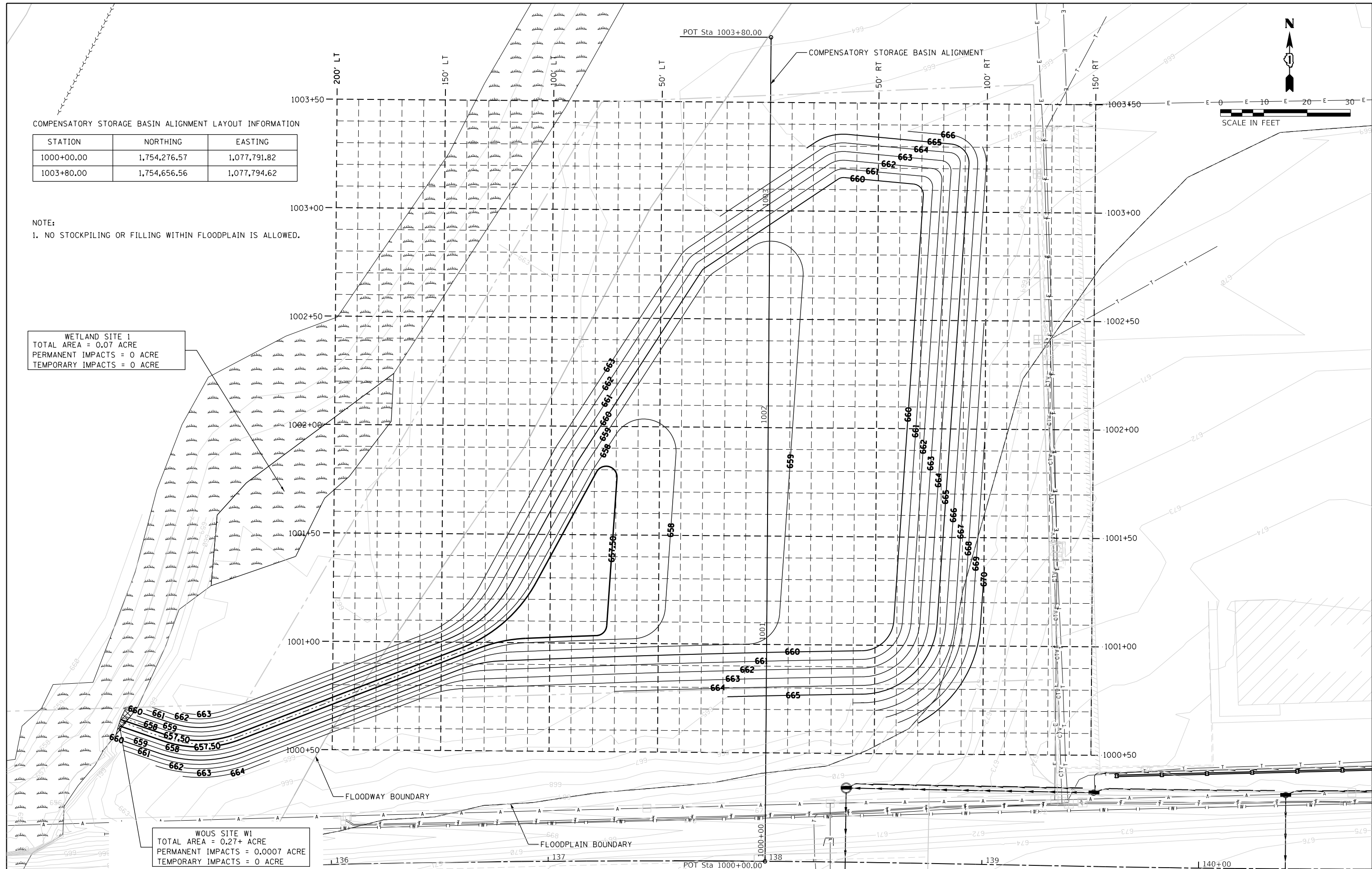
COMPENSATORY STORAGE BASIN ALIGNMENT LAYOUT INFORMATION

STATION	NORTHING	EASTING
1000+00.00	1,754,276.57	1,077,791.82
1003+80.00	1,754,656.56	1,077,794.62

NOTE:  
1. NO STOCKPILING OR FILLING WITHIN FLOODPLAIN IS ALLOWED.

WETLAND SITE 1  
TOTAL AREA = 0.07 ACRE  
PERMANENT IMPACTS = 0 ACRE  
TEMPORARY IMPACTS = 0 ACRE

WOUS SITE W1  
TOTAL AREA = 0.27+ ACRE  
PERMANENT IMPACTS = 0.0007 ACRE  
TEMPORARY IMPACTS = 0 ACRE



FILE NAME = sht-drainage-pondN.dgn	DESIGNED - JMS	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 40,000.0' / in.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:21:49 PM	DATE - 09/09/2022	REVISED -

DESIGNED - JMS	REVISED -
DRAWN - PML	REVISED -
CHECKED - JMS	REVISED -
DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
COMPENSATORY STORAGE BASIN GRADING**

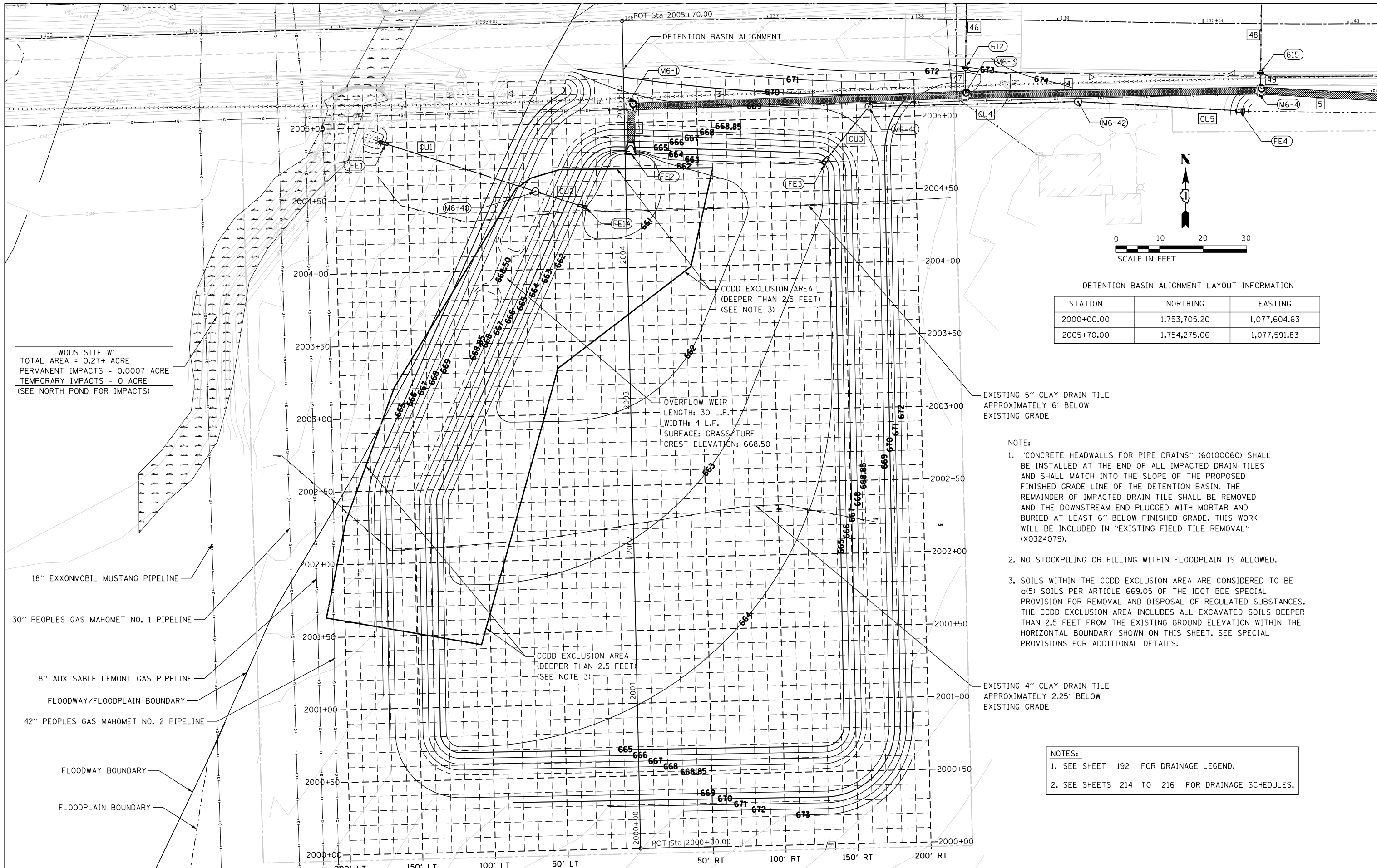
SCALE: 1"=20'      SHEET 1 OF 1 SHEETS      STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	210
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

PLOT DRIVER  
PENTABLE  
= J:\PROJECTS\2022\1221\153 PM\Drawn\Drawings\Drawings.dwg

PLOT SCALE  
PLOT DATE  
= 60,0000' / In.  
= 9/9/2022 (12:21:53 PM)

USER NAME  
DIRECTORY  
= Mike Moses  
= L:\MILL\CO117204-01\Drawn\CADD\_Sheets\



WOUS SITE W1  
TOTAL AREA = 0.27+ ACRE  
PERMANENT IMPACTS = 0.0007 ACRE  
TEMPORARY IMPACTS = 0 ACRE  
(SEE NORTH POND FOR IMPACTS)

- 18" EXXONMOBIL MUSTANG PIPELINE
- 30" PEOPLES GAS MAHOMET NO. 1 PIPELINE
- 8" AUX SABLE LEMONT GAS PIPELINE
- FLOODWAY/FLOODPLAIN BOUNDARY
- 42" PEOPLES GAS MAHOMET NO. 2 PIPELINE
- FLOODWAY BOUNDARY
- FLOODPLAIN BOUNDARY

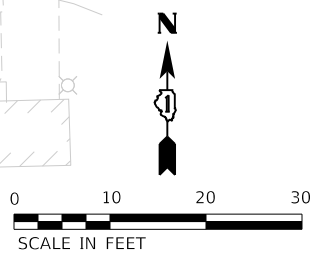
OVERFLOW WEIR  
LENGTH: 30 L.F.  
WIDTH: 4 L.F.  
SURFACE: GRASS/TURF  
CREST ELEVATION: 668.50

CCDD EXCLUSION AREA  
(DEEPER THAN 2.5 FEET)  
(SEE NOTE 3)

CCDD EXCLUSION AREA  
(DEEPER THAN 2.5 FEET)  
(SEE NOTE 3)

EXISTING 5" CLAY DRAIN TILE  
APPROXIMATELY 6' BELOW  
EXISTING GRADE

EXISTING 4" CLAY DRAIN TILE  
APPROXIMATELY 2.25' BELOW  
EXISTING GRADE



DETENTION BASIN ALIGNMENT LAYOUT INFORMATION

STATION	NORTHING	EASTING
2000+00.00	1,753,705.20	1,077,604.63
2005+70.00	1,754,275.06	1,077,591.83

NOTES:

1. "CONCRETE HEADWALLS FOR PIPE DRAINS" (60100060) SHALL BE INSTALLED AT THE END OF ALL IMPACTED DRAIN TILES AND SHALL MATCH INTO THE SLOPE OF THE PROPOSED FINISHED GRADE LINE OF THE DETENTION BASIN. THE REMAINDER OF IMPACTED DRAIN TILE SHALL BE REMOVED AND THE DOWNSTREAM END PLUGGED WITH MORTAR AND BURIED AT LEAST 6" BELOW FINISHED GRADE. THIS WORK WILL BE INCLUDED IN "EXISTING FIELD TILE REMOVAL" (X0324079).
2. NO STOCKPILING OR FILLING WITHIN FLOODPLAIN IS ALLOWED.
3. SOILS WITHIN THE CCDD EXCLUSION AREA ARE CONSIDERED TO BE α(5) SOILS PER ARTICLE 669.05 OF THE IDOT BDE SPECIAL PROVISION FOR REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES. THE CCDD EXCLUSION AREA INCLUDES ALL EXCAVATED SOILS DEEPER THAN 2.5 FEET FROM THE EXISTING GROUND ELEVATION WITHIN THE HORIZONTAL BOUNDARY SHOWN ON THIS SHEET. SEE SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.

NOTES:

1. SEE SHEET 192 FOR DRAINAGE LEGEND.
2. SEE SHEETS 214 TO 216 FOR DRAINAGE SCHEDULES.



FILE NAME = sht-drainage-pond3.dgn  
MODEL NAME = Default  
PLOT SCALE = 60,0000' / In.  
PLOT DATE = 9/9/2022 - 12:21:53 PM

DESIGNED - JMS  
DRAWN - PML  
CHECKED - JMS  
DATE - 09/09/2022

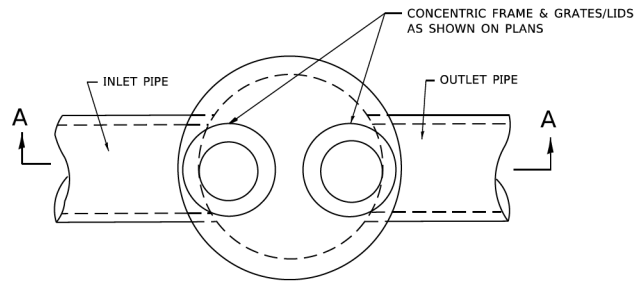
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

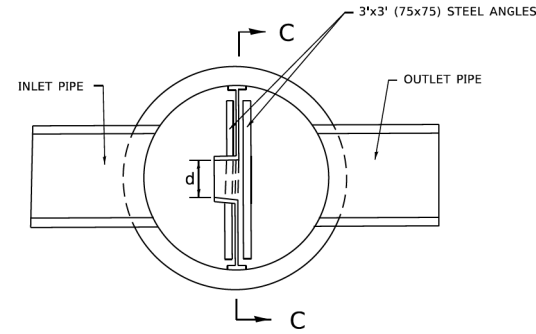
DRAINAGE PLAN  
DETENTION BASIN GRADING

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

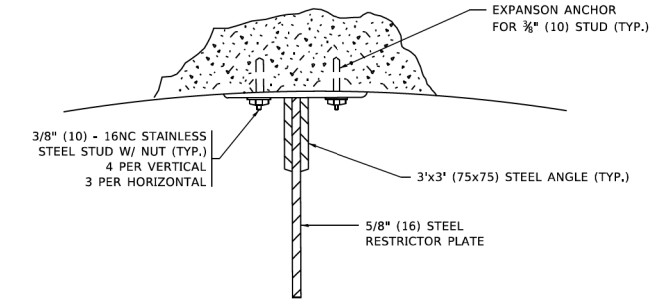
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	211
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	



PLAN



SECTION B-B



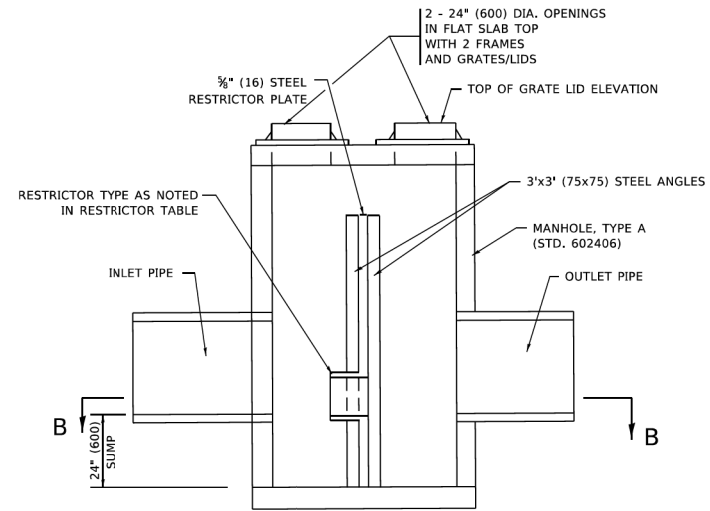
ANGLE FASTENER DETAIL

**NOTES:**

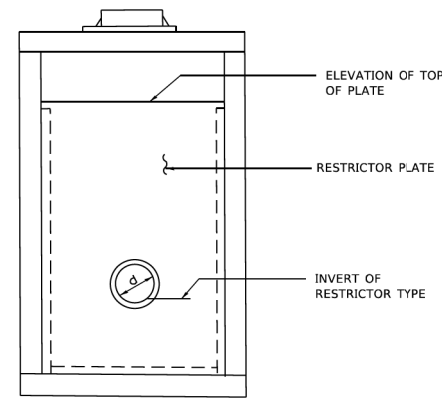
- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

**BASIS OF PAYMENT:**

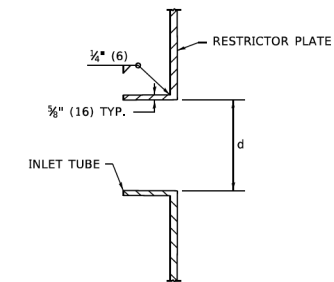
- TO BE PAID FOR AS "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
- ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



SECTION A-A

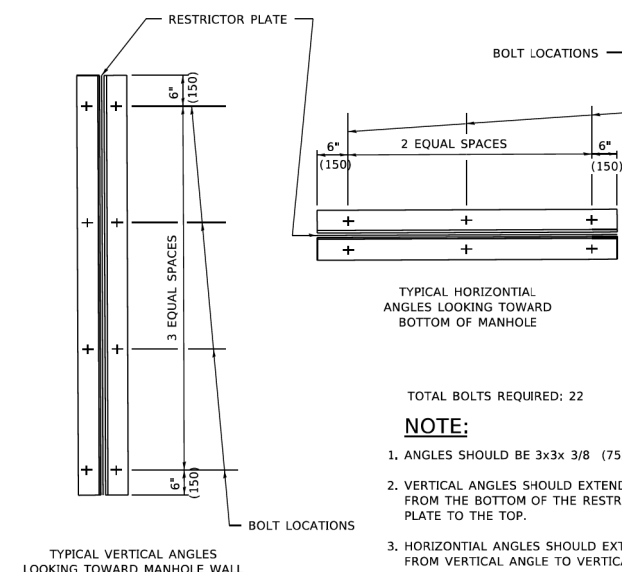


SECTION C-C



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
135+36.84 115.8' RT	6.0 FT	(2) TY 1 F CL	2	4	660.50	667.50



STEEL ANGLE BOLTING DETAILS

- TOTAL BOLTS REQUIRED: 22
- NOTE:**
- ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
  - VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
  - HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

MODEL: DPM01R  
FILE NAME: W08181002243410d12.dgn

USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 2/2/2022	CHECKED -	REVISED - M. GOMEZ 01-08-01
	DATE - 09-09-94	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH  
RESTRICTOR PLATE  
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

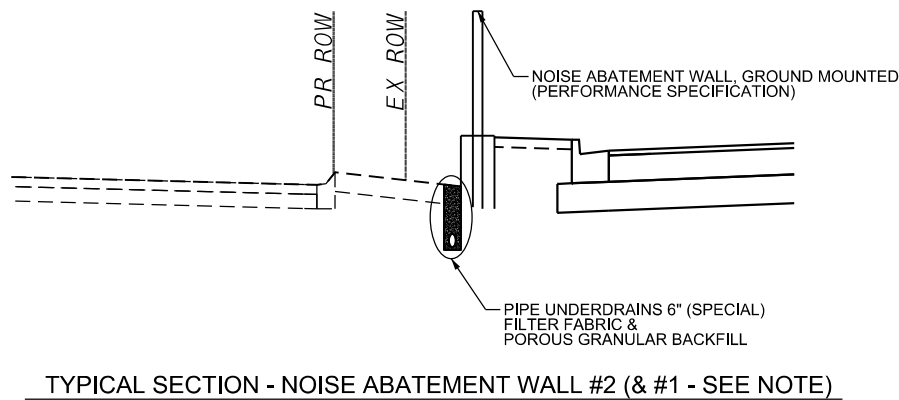
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-04	(BD-12)			
ILLINOIS FED. AID PROJECT				

FILE NAME =	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/9/2022 - 12:21:56 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

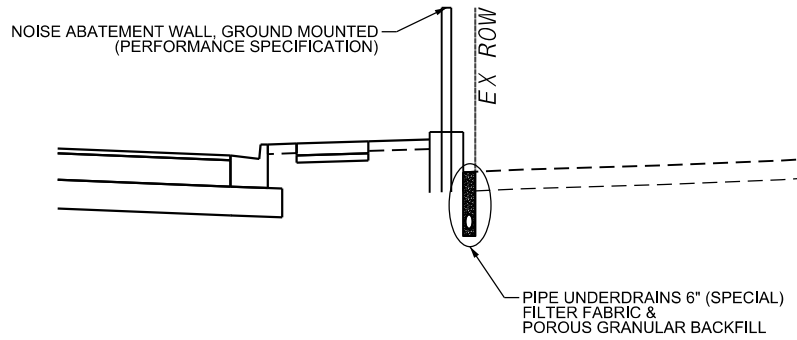
STANDARD DETAILS  
IDOT DISTRICT 1 STANDARD DETAILS  
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	212
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 61H20				

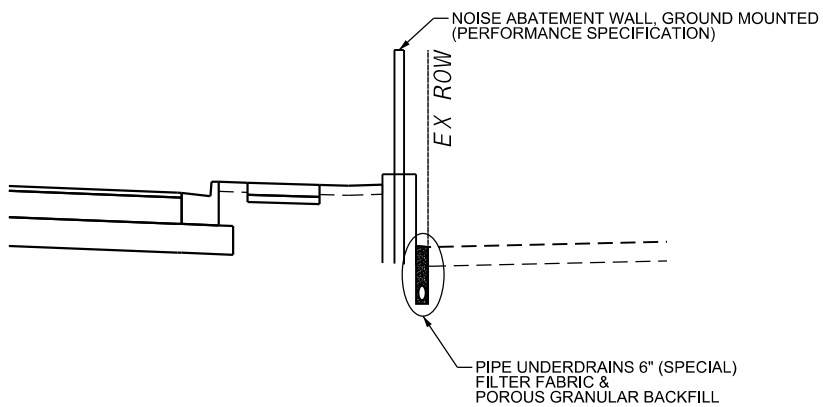


TYPICAL SECTION - NOISE ABATEMENT WALL #2 (& #1 - SEE NOTE)

NOISE ABATEMENT WALL #1 SIMILAR WITH NO ANTICIPATED INTEGRAL WALL

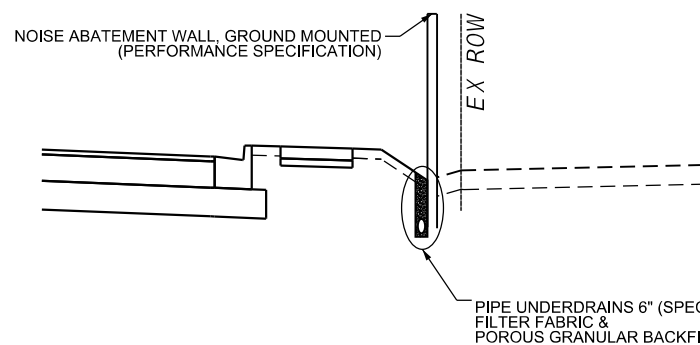


TYPICAL SECTION - NOISE ABATEMENT WALL #3



TYPICAL SECTION - NOISE ABATEMENT WALL #7

STA. 170+75.00 TO STA. 176+50.00



TYPICAL SECTION - NOISE ABATEMENT WALL #7

STRUCTURE 702 TO STA. 176+75.00  
STA. 181+00.00 TO STA. 184+16.22

NOISE WALL #1 - PIPE UNDERDRAINS 6" (SPECIAL) WILL BE INSTALLED ON THE NORTH SIDE OF THE WALL AS DETAILED

STATION	OFFSET SIDE	GROUND SURFACE ELEVATION	UNDERDRAIN PIPE SIZE (INCHES DIA.)	UNDERDRAIN INVERT ELEV.	NOTES
139+39.80	LEFT	674.39	6	672.89	ADJACENT TO NORTH SIDE OF WALL
139+51.00	LEFT	674.39	6	672.89	PROVIDE FALL
139+51.00	LEFT	674.39	6	672.89	CONNECT TO STRUCTURE 613
139+75.00	LEFT	674.96	6	673.14	ADJACENT TO NORTH SIDE OF WALL
140+00.00	LEFT	675.24	6	673.27	ADJACENT TO NORTH SIDE OF WALL
140+25.00	LEFT	675.23	6	673.39	ADJACENT TO NORTH SIDE OF WALL
140+50.00	LEFT	675.21	6	673.42	ADJACENT TO NORTH SIDE OF WALL
140+75.00	LEFT	675.26	6	673.54	ADJACENT TO NORTH SIDE OF WALL
141+00.00	LEFT	675.21	6	673.67	ADJACENT TO NORTH SIDE OF WALL
141+23.90	LEFT	675.29	6	673.79	ADJACENT TO NORTH SIDE OF WALL

NOISE WALL #2 - PIPE UNDERDRAINS 6" (SPECIAL) WILL BE INSTALLED ON THE NORTH SIDE OF THE WALL AS DETAILED

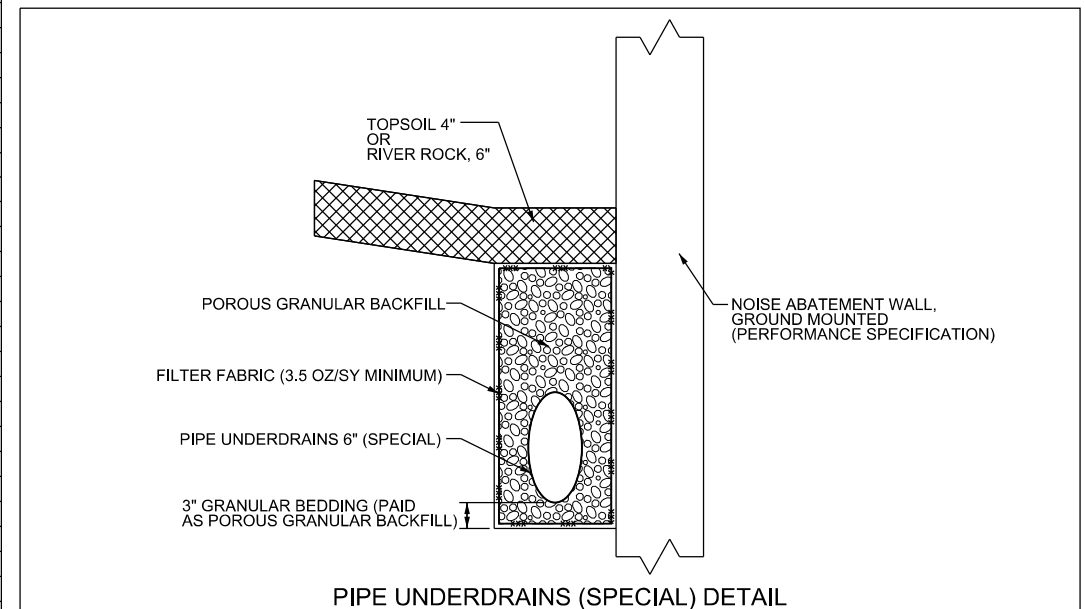
STATION	OFFSET SIDE	GROUND SURFACE ELEVATION	UNDERDRAIN PIPE SIZE (INCHES DIA.)	UNDERDRAIN INVERT ELEV.	NOTES
144+00.00	LEFT	674.25	6	673.55	ADJACENT TO NORTH SIDE OF WALL
144+25.00	LEFT	674.49	6	673.43	ADJACENT TO NORTH SIDE OF WALL
144+50.00	LEFT	674.69	6	673.30	ADJACENT TO NORTH SIDE OF WALL
144+57.00	LEFT	676.28	6	673.30	PROVIDE FALL
144+75.00	LEFT	674.89	6	673.43	CONNECT TO STRUCTURE 626
145+00.00	LEFT	675.06	6	673.56	ADJACENT TO NORTH SIDE OF WALL
145+25.00	LEFT	675.23	6	673.68	ADJACENT TO NORTH SIDE OF WALL
145+50.00	LEFT	675.36	6	673.81	ADJACENT TO NORTH SIDE OF WALL
145+75.00	LEFT	675.50	6	673.93	ADJACENT TO NORTH SIDE OF WALL
146+00.00	LEFT	675.62	6	674.05	ADJACENT TO NORTH SIDE OF WALL
146+25.00	LEFT	675.81	6	674.18	ADJACENT TO NORTH SIDE OF WALL
146+50.00	LEFT	675.98	6	674.30	ADJACENT TO NORTH SIDE OF WALL
146+75.00	LEFT	676.85	6	674.18	ADJACENT TO NORTH SIDE OF WALL
146+93.00	LEFT	676.38	6	674.18	PROVIDE FALL
146+93.00	LEFT	676.38	6	674.18	CONNECT TO STRUCTURE 630

NOISE WALL #3 - PIPE UNDERDRAINS 6" (SPECIAL) WILL BE INSTALLED AS DETAILED

STATION	OFFSET SIDE	GROUND SURFACE ELEVATION	UNDERDRAIN PIPE SIZE (INCHES DIA.)	UNDERDRAIN INVERT ELEV.	NOTES
146+70.00	RIGHT	676.69	6	673.72	PROVIDE FALL
146+75.00	RIGHT	675.38	6	673.72	CONNECT TO STRUCTURE M6-8
147+00.00	RIGHT	675.78	6	673.84	BETWEEN BACK OF NOISE WALL AND EX ROW
147+25.00	RIGHT	676.00	6	673.97	BETWEEN BACK OF NOISE WALL AND EX ROW
147+50.00	RIGHT	675.86	6	674.09	BETWEEN BACK OF NOISE WALL AND EX ROW
147+82.00	RIGHT	675.77	6	674.25	BETWEEN BACK OF NOISE WALL AND EX ROW
147+82.00	RIGHT	677.17	6	674.25	PROVIDE FALL
148+00.00	RIGHT	675.58	6	673.91	CONNECT TO STRUCTURE M6-10
148+25.00	RIGHT	675.57	6	674.03	BETWEEN BACK OF NOISE WALL AND EX ROW
148+50.00	RIGHT	675.68	6	674.16	BETWEEN BACK OF NOISE WALL AND EX ROW
148+75.00	RIGHT	675.85	6	674.28	BETWEEN BACK OF NOISE WALL AND EX ROW
149+00.00	RIGHT	675.99	6	674.41	BETWEEN BACK OF NOISE WALL AND EX ROW
149+25.00	RIGHT	676.16	6	674.53	BETWEEN BACK OF NOISE WALL AND EX ROW
149+47.00	RIGHT	676.16	6	674.64	BETWEEN BACK OF NOISE WALL AND EX ROW
149+47.00	RIGHT	678.00	6	674.64	PROVIDE FALL
149+47.00	RIGHT	678.00	6	674.64	CONNECT TO STRUCTURE M6-11
149+75.00	RIGHT	676.22	6	674.52	BETWEEN BACK OF NOISE WALL AND EX ROW
150+00.00	RIGHT	676.27	6	674.65	BETWEEN BACK OF NOISE WALL AND EX ROW
150+25.00	RIGHT	676.36	6	674.77	BETWEEN BACK OF NOISE WALL AND EX ROW
150+50.00	RIGHT	676.47	6	674.90	BETWEEN BACK OF NOISE WALL AND EX ROW
150+75.00	RIGHT	676.58	6	675.02	BETWEEN BACK OF NOISE WALL AND EX ROW
150+87.00	RIGHT	676.62	6	675.08	BETWEEN BACK OF NOISE WALL AND EX ROW
150+87.00	RIGHT	678.70	6	675.08	PROVIDE FALL
150+87.00	RIGHT	678.70	6	675.08	CONNECT TO STRUCTURE M6-12
151+00.00	RIGHT	676.67	6	675.17	BETWEEN BACK OF NOISE WALL AND EX ROW
151+25.00	RIGHT	676.84	6	675.37	BETWEEN BACK OF NOISE WALL AND EX ROW
151+50.00	RIGHT	677.07	6	675.57	BETWEEN BACK OF NOISE WALL AND EX ROW
151+75.00	RIGHT	677.29	6	675.77	BETWEEN BACK OF NOISE WALL AND EX ROW
152+00.00	RIGHT	677.52	6	675.97	BETWEEN BACK OF NOISE WALL AND EX ROW
152+25.00	RIGHT	677.71	6	676.17	BETWEEN BACK OF NOISE WALL AND EX ROW
152+52.00	RIGHT	677.93	6	676.39	BETWEEN BACK OF NOISE WALL AND EX ROW
152+52.00	RIGHT	679.53	6	676.39	PROVIDE FALL
152+52.00	RIGHT	679.53	6	676.39	CONNECT TO STRUCTURE M6-13
152+75.00	RIGHT	678.08	6	676.53	BETWEEN BACK OF NOISE WALL AND EX ROW
153+00.00	RIGHT	678.28	6	676.76	BETWEEN BACK OF NOISE WALL AND EX ROW
153+25.00	RIGHT	678.22	6	676.51	BETWEEN BACK OF NOISE WALL AND EX ROW
153+50.00	RIGHT	677.91	6	676.26	BETWEEN BACK OF NOISE WALL AND EX ROW
153+75.00	RIGHT	677.60	6	676.01	BETWEEN BACK OF NOISE WALL AND EX ROW
154+00.00	RIGHT	677.30	6	675.76	BETWEEN BACK OF NOISE WALL AND EX ROW
154+13.00	RIGHT	680.33	6	675.76	PROVIDE FALL
154+13.00	RIGHT	680.33	6	675.76	CONNECT TO STRUCTURE M6-14

NOISE WALL #7 - PIPE UNDERDRAINS 6" (SPECIAL) WILL BE INSTALLED AS DETAILED

STATION	OFFSET SIDE	GROUND SURFACE ELEVATION	UNDERDRAIN PIPE SIZE (INCHES DIA.)	UNDERDRAIN INVERT ELEV.	NOTES
170+75.00	RIGHT	683.01	6	681.44	BETWEEN BACK OF NOISE WALL AND EX ROW
171+00.00	RIGHT	682.69	6	681.19	BETWEEN BACK OF NOISE WALL AND EX ROW
171+25.00	RIGHT	682.64	6	680.94	BETWEEN BACK OF NOISE WALL AND EX ROW
171+50.00	RIGHT	682.58	6	680.69	BETWEEN BACK OF NOISE WALL AND EX ROW
171+74.50	RIGHT	683.06	6	680.69	PROVIDE FALL
171+74.50	RIGHT	683.06	6	680.69	CONNECT TO STR M6-33
171+75.00	RIGHT	683.06	6	680.69	PROVIDE FALL
171+75.00	RIGHT	683.06	6	680.69	CONNECT TO STR M6-33
172+00.00	RIGHT	682.43	6	680.69	BETWEEN BACK OF NOISE WALL AND EX ROW
174+25.00	RIGHT	681.49	6	680.00	BETWEEN BACK OF NOISE WALL AND EX ROW
174+50.00	RIGHT	681.25	6	679.75	BETWEEN BACK OF NOISE WALL AND EX ROW
174+75.00	RIGHT	680.72	6	679.22	BETWEEN BACK OF NOISE WALL AND EX ROW
174+79.00	RIGHT	683.22	6	679.22	PROVIDE FALL
174+81.00	RIGHT	683.22	6	679.22	CONNECT TO STR 700
175+00.00	RIGHT	680.62	6	679.12	CONNECT TO STR 700
175+25.00	RIGHT	680.93	6	679.43	BETWEEN BACK OF NOISE WALL AND EX ROW
175+50.00	RIGHT	681.42	6	679.92	BETWEEN BACK OF NOISE WALL AND EX ROW
175+75.00	RIGHT	681.90	6	680.40	BETWEEN BACK OF NOISE WALL AND EX ROW
176+00.00	RIGHT	682.33	6	680.83	BETWEEN BACK OF NOISE WALL AND EX ROW
175+92.00	RIGHT	683.17	6	680.27	BETWEEN BACK OF NOISE WALL AND EX ROW
176+25.00	RIGHT	682.59	6	680.89	CONNECT TO STR 702
176+50.00	RIGHT	682.80	6	681.35	ADJACENT TO FRONT OF NOISE WALL
181+55.00	RIGHT	686.88	6	682.62	PROVIDE FALL
181+55.00	RIGHT	684.35	6	682.62	CONNECT TO STRUCTURE 909
181+75.00	RIGHT	684.57	6	682.82	ADJACENET TO NORTH SIDE OF WALL
182+00.00	RIGHT	685.45	6	683.07	ADJACENET TO NORTH SIDE OF WALL
182+25.00	RIGHT	685.19	6	683.32	ADJACENET TO NORTH SIDE OF WALL
182+50.00	RIGHT	685.45	6	683.57	ADJACENET TO NORTH SIDE OF WALL
182+75.00	RIGHT	685.73	6	683.82	ADJACENET TO NORTH SIDE OF WALL
183+00.00	RIGHT	685.88	6	684.07	ADJACENET TO NORTH SIDE OF WALL
183+25.00	RIGHT	686.16	6	684.32	ADJACENET TO NORTH SIDE OF WALL
183+50.00	RIGHT	686.27	6	684.57	ADJACENET TO NORTH SIDE OF WALL
183+75.00	RIGHT	686.46	6	684.82	ADJACENET TO NORTH SIDE OF WALL
184+00.00	RIGHT	686.57	6	685.07	ADJACENET TO NORTH SIDE OF WALL
184+16.22	RIGHT	687.66	6	686.16	ADJACENET TO NORTH SIDE OF WALL



NOTES:

1. UNDERDRAIN INVERT ELEVATION SHALL BE AS GIVEN IN THE DRAINAGE SCHEDULES.
2. OFFSET OF PROPOSED PIPE UNDERDRAINS (SPECIAL) SHALL BE NEAR THE LOCATIONS SHOWN IN THE CROSS-SECTIONS AND THESE TYPICAL SECTIONS. EXACT OFFSET SHALL BE DETERMINED BY THE CONTRACTOR AS IT IS DEPENDENT UPON THE DESIGN OF THE NOISE ABATEMENT WALL, GROUND MOUNTED (PERFORMANCE SPECIFICATION).
3. UNDERDRAIN TRENCH WIDTH WILL BE 4" WIDER THAN THE OUTER DIAMETER OF THE PIPE UNDERDRAIN ON EACH SIDE IF POSSIBLE. IF RESTRICTED BY DISTANCE BETWEEN NOISEWALL AND RIGHT-OF-WAY, THE TRENCH WILL BE AS WIDE AS POSSIBLE.



FILE NAME = sht-det08.dgn	DESIGNED - JMS	REVISED -
MODEL NAME = Default	DRAWN - JMS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 9/9/2022 - 12:22:03 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS & SCHEDULES  
PIPE UNDERDRAINS (SPECIAL) DETAILS & SCHEDULES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	213
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

STORM SEWER PIPE SCHEDULE

PIPE #	FROM STR.	TO STR.	TYPE	LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	UPSTREAM INV	DOWNSTREAM INV	CONTROLLED LOW STRENGTH MATERIAL (CU-YD)	TRENCH BACKFILL (CU-YD)	WATERMAIN QUALITY
1	M6-1	FE2	RCP CL A, TY 3	30	48in	0.12	661.04	661.01			
3	M6-3	M6-1	RCP CL A, TY 3	225	48in	0.12	661.31	661.04			
4	M6-4	M6-3	RCP CL A, TY 3	199	48in	0.12	661.55	661.31		275.3	
5	M6-5	M6-4	RCP CL A, TY 3	88	48in	0.12	661.65	661.55		117.3	
6	M6-6	M6-5	RCP CL A, TY 3	66	48in	0.12	661.73	661.65		99.8	
7	M6-7	M6-6	RCP CL A, TY 3	182	48in	0.12	661.95	661.73			
8	M6-8	M6-7	RCP CL A, TY 3	277	48in	0.12	662.28	661.95		606.1	
10	M6-10	M6-8	RCP CL A, TY 3	107	48in	0.12	662.41	662.28		305.2	
11	M6-11	M6-10	RCP CL A, TY 4	160	48in	0.12	662.60	662.41		474.9	
12	M6-12	M6-11	RCP CL A, TY 4	135	48in	0.12	662.77	662.60		409.1	*
13	M6-13	M6-12	RCP CL A, TY 4	160	48in	0.12	662.96	662.77		512.0	
14	M6-14	M6-13	RCP CL A, TY 4	156	48in	0.12	663.15	662.96		508.2	
15	M6-15	M6-14	RCP CL A, TY 4	143	48in	0.12	663.32	663.15		358.4	
16	M6-16	M6-15	RCP CL A, TY 4	147	48in	0.12	663.49	663.32			
17	M6-17	M6-16	RCP CL A, TY 4	174	48in	0.12	663.70	663.49			
18a	M6-18	159+47.6	SS JACKED IN PLACE	100	48in	0.12	663.89	663.77			
18b	159+47.6	M6-17	RCP CL A, TY 4	56	48in	0.12	663.77	663.70		226.0	*
19	M6-19	M6-18	RCP CL A, TY 4	57	48in	0.12	663.96	663.89		49.5	
20	M6-20	M6-19	RCP CL A, TY 2, EQRS	109	29x45 inch	0.08	665.21	665.12			
21	M6-21	M6-20	RCP CL A, TY 3	41	36in	0.49	669.35	669.15			
22	M6-22	M6-21	RCP CL A, TY 3	107	36in	0.23	669.60	669.35	161.8		
23	M6-25	M6-22	RCP CL A, TY 3	62	36in	0.24	669.75	669.60	9.3		
26	M6-26	M6-25	RCP CL A, TY 3	117	24in	0.26	671.05	670.75			
27	M6-28	M6-26	RCP CL A, TY 3	113	24in	0.22	671.40	671.15	183.6		
28	694	M6-28	RCP CL A, TY 3	54	24in	0.28	671.65	671.50			
29	M6-29	694	RCP CL A, TY 3	54	24in	0.28	671.90	671.75			
30	M6-30	M6-29	RCP CL A, TY 3	87	24in	0.23	672.20	672.00			
31	M6-31	M6-30	RCP CL A, TY 3	84	24in	0.24	672.50	672.30		9.7	
32	M6-32	M6-31	RCP CL A, TY 2	91	24in	1.00	673.51	672.60	59.9	96.3	*
33	M6-33	M6-32	RCP CL A, TY 2	98	18in	1.12	678.10	677.00		17.6	
34	M6-34	M6-33	RCP CL A, TY 2	80	15in	0.90	679.02	678.30		15.2	
45	613	611	RCP CL A, TY 2	112	12in	0.54	670.89	670.28		14.8	*
46	611	612	RCP CL A, TY 2	65	12in	0.39	670.08	669.83	19.3		*
47	612	M6-3	RCP CL A, TY 2	14	12in	1.33	669.63	669.44		1.8	
48	614	615	RCP CL A, TY 2	66	12in	0.81	671.25	670.72	11.5	11.5	*
49	615	M6-4	RCP CL A, TY 2	8	12in	1.33	670.52	670.41		1.4	
50	616	M6-5	RCP CL A, TY 2	13	12in	0.62	671.62	671.54		2.0	
51	617	618	RCP CL A, TY 2	27	12in	0.69	670.93	670.74	3.6		
52	618	619	RCP CL A, TY 2	44	12in	0.61	670.54	670.27		12.2	*
53	621	619	RCP CL A, TY 2	65	12in	0.57	671.94	671.57		8.6	
54	619	620	RCP CL A, TY 2	78	12in	0.64	670.07	669.57	37.7	10.2	
55	622	625	RCP CL A, TY 2	74	12in	0.64	672.35	671.88		9.8	
56	620	M6-6	RCP CL A, TY 2	12	12in	0.83	669.37	669.27		8.4	
57	623	624	RCP CL A, TY 2	54	12in	0.94	672.19	671.68		7.1	
58	626	624	RCP CL A, TY 2	66	12in	0.61	672.78	672.38		8.7	
59	624	625	RCP CL A, TY 2	76	12in	1.64	671.48	670.23	26.6	12.8	
60	627	625	RCP CL A, TY 2	66	12in	0.76	672.94	672.44		8.7	
61	625	M6-7	RCP CL A, TY 2	11	12in	0.91	669.53	669.43		7.0	
64	628	630	RCP CL A, TY 2	21	12in	0.38	672.86	672.78		2.8	
65	629	M6-8	RCP CL A, TY 2	2	15in	4.26	671.69	671.60		0.6	
66	630	631	RCP CL A, TY 2	66	12in	0.45	672.58	672.28	23.8	4.8	
67	631	629	RCP CL A, TY 2	20	15in	0.93	672.08	671.89		3.3	
70	632	633	RCP CL A, TY 2	66	12in	0.91	673.24	672.64	10.2	4.8	
71	633	M6-10	RCP CL A, TY 2	2	12in	2.46	672.44	672.39		0.4	
72	634	M6-11	RCP CL A, TY 2	3	12in	1.00	674.06	674.03		0.4	
73	637	638	RCP CL A, TY 2	27	12in	0.68	674.40	674.22	3.6		
74	638	M6-43	RCP CL A, TY 2	53	12in	0.67	674.02	673.66		12.5	
75	636	M6-43	RCP CL A, TY 2	43	12in	0.82	673.76	673.41	5.7		
76	M6-43	639	RCP CL A, TY 2	24	12in	0.71	672.96	672.79		4.7	
77	639	640	RCP CL A, TY 2	41	12in	0.56	672.34	672.11		12.3	
80	640	641	RCP CL A, TY 2	78	15in	1.06	671.66	670.83	47.7	29.1	
80a	641	M6-12	RCP CL A, TY 2	3	15in	1.67	670.63	670.58		2.5	
81	642	643	RCP CL A, TY 2	84	12in	1.32	674.92	673.81		12.8	
84	643	644	RCP CL A, TY 2	75	12in	0.83	673.61	672.99	30.5	14.7	
85	644	M6-13	RCP CL A, TY 2	3	12in	0.67	672.54	672.52		2.0	
88	645	646	RCP CL A, TY 2	41	12in	0.50	676.50	676.39		2.0	

STORM SEWER PIPE SCHEDULE

PIPE #	FROM STR.	TO STR.	TYPE	LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	UPSTREAM INV	DOWNSTREAM INV	CONTROLLED LOW STRENGTH MATERIAL (CU-YD)	TRENCH BACKFILL (CU-YD)	WATERMAIN QUALITY
89	646	647	RCP CL A, TY 2	66	12in	1.01	676.39	675.72	13.8	3.7	
90	647	M6-14	RCP CL A, TY 2	3	12in	0.57	675.52	675.50		0.4	
91	649	651	RCP CL A, TY 2	69	12in	0.70	674.32	673.84		13.0	
92	648	M6-14	RCP CL A, TY 2	47	12in	1.07	672.16	671.66			
93	650	650a	RCP CL A, TY 2	70	12in	1.20	677.01	676.17	18.4	2.4	
93a	650a	M6-15	RCP CL A, TY 2	10	12in	0.67	675.97	675.90		1.5	
94	651	651a	RCP CL A, TY 2	89	12in	1.00	670.26	669.37	77.5	64.5	
94a	651a	M6-16	RCP CL A, TY 3	10	12in	0.80	668.92	668.84		16.0	
94b	651b	651a	RCP CL A, TY 2	52	12in	0.48	672.00	671.75		56.2	
95	651b	M6-17	RCP CL A, TY 3	121	15in	0.80	670.39	669.42	92.1	123.5	
96	652	651b	RCP CL A, TY 2	44	15in	0.72	675.81	675.49		34.3	*
97	657	656	RCP CL A, TY 2	38	12in	1.87	677.67	676.96		5.0	
98	654	652	RCP CL A, TY 2	50	12in	0.61	676.21	675.91		3.6	*
99	656	653	RCP CL A, TY 2	51	12in	0.58	676.86	676.56	6.7		*
100	653	654	RCP CL A, TY 2	6	12in	2.50	676.46	676.31			*
102	659	M6-17	RCP CL A, TY 2	74	15in	0.37	675.05	674.78		16.8	
104	659a	659	RCP CL A, TY 2	3	15in	1.67	675.20	675.15		0.8	*
104a	660	659a	RCP CL A, TY 2	26	15in	0.35	675.39	675.30		6.7	*
105	664	663	RCP CL A, TY 2	24	12in	2.63	676.79	676.16		3.2	
106	663	660	RCP CL A, TY 2	51	12in	0.72	675.96	675.59	12.0		
107	661	660	RCP CL A, TY 2	43	12in	0.53	675.84	675.61		11.1	
108	662	661	RCP CL A, TY 2	51	12in	2.50	677.31	676.04	9.9		
110	666	666a	RCP CL A, TY 2	89	12in	1.37	676.90	675.68	22.6	10.2	
110a	666a	M6-19	RCP CL A, TY 2	8	12in	0.61	675.48	675.43			
111	667	667a	RCP CL A, TY 2	89	12in	1.65	677.67	676.20	16.4	5.2	
111a	667a	M6-20	RCP CL A, TY 2	8	12in	0.67	676.00	675.95			
112	668	M6-21	RCP CL A, TY 2	13	12in	1.50	676.90	676.71			
113	669	670	RCP CL A, TY 2	81	12in	1.06	676.90	676.04		10.7	
114	670	672	RCP CL A, TY 2	33	12in	0.65	675.84	675.63		6.4	
115	672	672a	RCP CL A, TY 2	25	15in	0.58	675.43	675.29	10.1	3.1	
116	672a	673a	RCP CL A, TY 2	12	15in	0.83	675.09	674.99	9.3		
117	673a	673	RCP CL A, TY 2	35	15in	0.86	674.79	674.49	20.3	8.6	
118	671	M6-25	RCP CL A, TY 2	19	12in	1.20	676.55	676.32			
119	673	M6-25	RCP CL A, TY 2	6	15in	2.00	674.29	674.17			
120	664a	M6-18	RCP CL A, TY 2	21	12in	0.95	677.59	677.39			
122	674	675	RCP CL A, TY 2	80	12in	0.67	677.41	676.87	22.4	1.7	
123	675	M6-26	RCP CL A, TY 2	3	12in	0.67	676.67	676.65			
126	676	677	RCP CL A, TY 2	79	12in	1.18	678.07	677.14	19.9	7.2	
127	677	M6-28	RCP CL A, TY 2	3	12in	2.40	676.94	676.87			
128	678	679	RCP CL A, TY 2	78	12in	0.73	678.44	677.87	17.2	7.1	
129	679	M6-29	RCP CL A, TY 2	4	12in	1.20	677.67	677.62			
131	679a	M6-30	RCP CL A, TY 2	4	12in	1.60	678.47	678.41			
132	680	M6-31	RCP CL A, TY 2	35	12in	0.89	674.06	673.75		48.0	*
133	681	680	RCP CL A, TY 2	28	12in	1.43	677.50	677.10	10.7		
134	682	685	RCP CL A, TY 2	32	12in	1.36	677.32	676.88	10.9		*
137	685	686	RCP CL A, TY 2	27	12in	0.38	676.68	676.58		23.1	
138	686	687	RCP CL A, TY 2	29	15in	0.38	676.38	676.27		33.5	
139	687	687A	RCP CL A, TY 2	49	18in	1.33	674.75	674.10	50.0	26.8	
139A	687A	M6-32	RCP CL A, TY 2	27	18in	1.30	674.06	673.71	22.0	14.1	

**DRAINAGE STRUCTURE SCHEDULE**

STR. NUMBER	ALIGNMENT	STATION	OFFSET (SEE NOTE)	RIM ELEVATION (SEE NOTE)	INVERT ELEVATION	STRUCTURE DATA		FLAT SLAB TOP
611	LARAWAY ROAD	138+37.00	33.00' LT	673.78	670.28 (E), 670.08 (S)	MH, 4' DIA.	TY 24 F&G	*
612	LARAWAY ROAD	138+37.00	33.00' RT	673.57	669.83 (N), 669.63 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
613	LARAWAY ROAD	139+51.00	33.00' LT	674.39	670.89 (W)	INLET TY A	TY 24 F&G	
614	LARAWAY ROAD	140+40.00	33.00' LT	674.75	671.25 (S)	INLET TY A	TY 24 F&G	
615	LARAWAY ROAD	140+40.00	33.00' RT	674.75	670.72 (N), 670.52 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
616	LARAWAY ROAD	141+32.00	33.00' RT	675.12	671.62 (S)	INLET TY A	TY 24 F&G	
617	STONE BRIDGE	635+90.00	14.00' LT	673.93	670.93 (E)	INLET TY A	TY 11 F&G	
618	STONE BRIDGE	635+90.00	14.00' RT	673.93	670.74 (W), 670.54 (SE)	INLET TY B	TY 11 F&G	*
619	LARAWAY ROAD	142+02.00	47.0' LT	675.07	670.27 (NW), 671.57 (E), 670.07 (S)	MH, 4' DIA.	TY 24 F&G	*
620	LARAWAY ROAD	142+02.00	33.00' RT	675.41	669.57 (N), 669.37 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
621	LARAWAY ROAD	142+70.00	45.00' LT	675.44	671.94 (W)	INLET TY A	TY 24 F&G	
622	LARAWAY ROAD	143+11.00	33.00' RT	675.85	672.35 (E)	INLET TY A	TY 24 F&G	
623	LARAWAY ROAD	143+31.00	45.00' LT	675.69	672.19 (E)	INLET TY A	TY 24 F&G	
624	LARAWAY ROAD	143+88.00	45.00' LT	675.92	671.68 (W), 672.38 (E), 671.48 (S)	MH, 4' DIA.	TY 24 F&G	*
625	LARAWAY ROAD	143+88.00	33.00' RT	676.16	670.23 (N), 672.44 (E), 671.88 (W), 669.53 (S)	CB, TY A, 4' DIA.	TY 24 F&G	*
626	LARAWAY ROAD	144+57.00	41.5' LT	676.28	672.78 (W)	INLET TY A	TY 24 F&G	
627	LARAWAY ROAD	144+57.00	33.00' RT	676.44	672.94 (W)	INLET TY A	TY 24 F&G	
628	LARAWAY ROAD	146+70.00	33.00' LT	676.36	672.86 (E)	INLET TY A	TY 24 F&G	
629	LARAWAY ROAD	146+70.00	33.00' RT	676.36	671.69 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
630	LARAWAY ROAD	146+93.00	33.00' LT	676.38	672.78 (W), 672.58 (S)	INLET TY B	TY 24 F&G	*
631	LARAWAY ROAD	146+93.00	33.00' RT	676.38	672.28 (N), 672.08 (W)	INLET TY B	TY 24 F&G	
632	LARAWAY ROAD	147+82.00	33.00' LT	676.74	673.24 (S)	INLET TY A	TY 24 F&G	
633	LARAWAY ROAD	147+82.00	33.00' RT	676.74	672.64 (N), 672.44 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
634	LARAWAY ROAD	149+47.00	33.00' RT	677.56	674.06 (S)	INLET TY A	TY 24 F&G	
636	HEATHERWAY	690+55.66	18.09' LT	677.26	673.76 (E)	INLET TY A	SPECIAL F&G	
637	HEATHERWAY	691+15.00	14.00' LT	678.04	674.40 (E)	INLET TY A	TY 11 F&G	
638	HEATHERWAY	691+15.00	14.00' RT	678.04	674.22 (W), 674.02 (S)	INLET TY B	TY 11 F&G	*
639	LARAWAY ROAD	150+43.00	45.79' LT	677.74	672.79 (NW), 672.34 (E)	MH, 4' DIA.	TY 24 F&G	
640	LARAWAY ROAD	150+87.00	45.00' LT	678.03	672.11 (W), 671.66 (S)	MH, 4' DIA.	TY 24 F&G	
641	LARAWAY ROAD	150+87.00	33.00' RT	678.27	670.83 (N), 670.63 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
642	LARAWAY ROAD	151+66.00	45.00' LT	678.42	674.92 (E)	INLET TY A	TY 24 F&G	
643	LARAWAY ROAD	152+52.00	43.08' LT	678.89	673.81 (W), 673.61 (S)	INLET TY B	TY 24 F&G	
644	LARAWAY ROAD	152+52.00	33.00' RT	679.09	672.99 (N), 672.54 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
645	LARAWAY ROAD	154+50.00	56.17' LT	678.89	676.50 (SW)	INLET TY A	TY 8 G	
646	LARAWAY ROAD	154+13.00	33.42' LT	679.89	676.50 (N), 676.39 (S)	MH, 4' DIA.	TY 24 F&G	
647	LARAWAY ROAD	154+13.00	33.00' RT	679.90	675.72 (N), 675.52 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
648	LARAWAY ROAD	154+60.00	61.28' RT	676.46	672.16 (N)	INLET TY B	TY 8 G	
649	LARAWAY ROAD	156+43.00	68.33' LT	677.32	674.32 (SE)	INLET TY A	TY 8 G	
650	LARAWAY ROAD	155+60.00	35.28' LT	680.51	677.01 (S)	INLET TY A	TY 24 F&G	
650a	LARAWAY ROAD	155+60.00	35.16' RT	680.59	676.17 (N), 675.97 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
651	LARAWAY ROAD	157+11.00	45.00' LT	681.15	673.84 (NW), 670.26 (S)	INLET TY B	TY 24 F&G	
651a	LARAWAY ROAD	157+11.00	44.22' RT	681.17	669.37 (N), 668.92 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
651b	LARAWAY ROAD	158+90.00	62.86' LT	681.97	675.49 (E), 670.39 (S)	CB, TY A, 4' DIA.	TY 1 F CL	
652	NELSON ROAD	760+68.41	37.92' LT	681.11	675.91 (N), 675.81 (W)	MH, 4' DIA.	TY 24 F&G	
653	NELSON ROAD	761+22.00	30.00' LT	680.36	676.56 (E), 676.46 (W)	INLET TY B	TY 11 F&G	*
654	NELSON ROAD	761+22.00	39.13' LT	679.80	676.31 (E), 676.21 (S)	MH, 4' DIA.	TY 8 G	*
655	NELSON ROAD	762+31.27	19.40' RT	680.68	EXIST. 15" (E) 674.74	INLET TY A	TY 11 F&G	
656	NELSON ROAD	761+22.00	21.83' RT	680.48	676.96 (S), 676.86 (W)	MH, 4' DIA.	TY 11 F&G	*
657	NELSON ROAD	760+83.00	29.79' RT	680.67	677.67 (N)	INLET TY A	TY 24 F&G	
658	NELSON ROAD	756+40.00	79.87' RT	682.24	EXIST. 15" (N) & (S) EST. 676.00	NEW MH, 4' DIA.	NEW TY 11 F&G	*
658b	NELSON ROAD	756+96.24	77.56' RT	682.07	EXIST. 15" (N)(S)(SE) REMAIN	EXIST. CB REMAINS	NEW TY 1 F OL	
659	NELSON ROAD	758+85.00	26.59' LT	680.35	675.15 (S), 675.05 (NW)	CB, TY D, 3' DIA.	TY 11 F&G	
659a	NELSON ROAD	758+79.14	25.60' LT	680.35	675.20 (N), 675.30 (S)	CB, TY D, 3' DIA.	TY 11 F&G	
660	NELSON ROAD	758+50.00	22.66' LT	680.49	675.61 (S), 675.59 (E), 675.39 (N)	MH, 4' DIA.	TY 11 F&G	*
661	NELSON ROAD	758+04.00	22.00' LT	680.92	676.04 (E), 675.84 (N)	INLET TY B	TY 11 F&G	
662	NELSON ROAD	758+04.00	29.76' RT	680.81	676.81 (W)	INLET TY A	TY 11 F&G	
663	NELSON ROAD	758+51.00	30.00' RT	680.38	676.16 (N), 675.96 (W)	INLET TY B	TY 11 F&G	
664	NELSON ROAD	158+76.00	30.00' RT	680.30	676.79 (S)	INLET TY A	TY 11 F&G	
664a	NELSON ROAD	160+25.37	56.23' RT	681.09	677.57 (NE)	INLET TY A	TY 24 F&G	
666	LARAWAY ROAD	161+11.00	45.00' LT	681.10	676.90 (S)	INLET TY B	TY 24 F&G	
666a	LARAWAY ROAD	161+11.00	45.00' RT	681.10	675.68 (N), 675.48 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
667	LARAWAY ROAD	162+25.00	45.00' LT	680.67	677.67 (S)	INLET TY A	TY 24 F&G	
667a	LARAWAY ROAD	162+25.00	45.00' RT	680.67	676.20 (N), 676.00 (S)	CB, TY A, 4' DIA.	TY 24 F&G	

**NOTES:**

- STATIONS, OFFSETS AND RIM ELEVATIONS OF STRUCTURES WITHIN THE CURB LINE ARE GIVEN FROM THE PROPOSED EDGE OF PAVEMENT.
- STATIONS AND OFFSETS OF STRUCTURES IN TURF ARE GIVEN FROM THE CENTER OF THE STRUCTURE.
- CONICAL SECTIONS AND FLAT TOP SLABS SHALL BE ROTATED APPROPRIATELY TO PLACE THE FRAME AND GRATE IN THE PROPER LOCATION TO MATCH THE CURB LINE OR DITCH LOCATION.
- RIM ELEVATIONS FOR STRUCTURES IN TURF ARE GIVEN FROM THE FINISH GROUND SURFACE ELEVATION.
- STATIONS, OFFSETS AND INVERT ELEVATIONS OF FLARED END SECTIONS ARE GIVEN FROM THE POINT WHERE THE ADJOINING PIPE CONNECTS TO THE FLARED END SECTION.

**DRAINAGE STRUCTURE SCHEDULE**

STR. NUMBER	ALIGNMENT	STATION	OFFSET (CENTER OF STRUCTURE)	RIM ELEVATION	INVERT ELEVATION	STRUCTURE DATA		FLAT SLAB TOP
668	LARAWAY ROAD	162+84.29	46.73' RT	680.40	676.90 (S)	INLET TY A	TY 24 F&G	
669	LARAWAY ROAD	163+27.00	39.48' LT	680.40	676.90 (E)	INLET TY A	TY 24 F&G	
670	LARAWAY ROAD	164+10.00	34.50' LT	680.26	676.04 (W), 675.84 (E)	INLET TY B	TY 24 F&G	
671	LARAWAY ROAD	164+26.00	45.00' RT	680.05	676.55 (S)	INLET TY A	TY 24 F&G	
672	LARAWAY ROAD	164+46.00	33.00' LT	680.31	675.63 (W), 675.43 (S)	MH, 4' DIA.	TY 24 F&G	
672a	LARAWAY ROAD	164+46.00	7.26' LT	680.75	675.29(N), 675.09 (S)	INLET TY B	TY 11 F&G	
673	LARAWAY ROAD	164+46.00	45.00' RT	680.07	674.49 (N), 674.29 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
673a	LARAWAY ROAD	164+46.00	9.00' RT	680.73	674.99 (N), 674.79 (S)	INLET TY B	TY 11 F&G	
674	LARAWAY ROAD	165+67.00	33.00' LT	680.91	677.41 (S)	INLET TY A	TY 24 F&G	
675	LARAWAY ROAD	165+67.00	46.85' RT	680.54	676.87 (N), 676.67 (S)	CB, TY A, 4' DIA.	TY 24 F&G	*
676	LARAWAY ROAD	166+84.00	33.00' LT	681.57	678.07 (S)	INLET TY A	TY 24 F&G	
677	LARAWAY ROAD	166+84.00	46.11' RT	681.28	677.14 (N), 676.94 (S)	CB, TY A, 4' DIA.	TY 24 F&G	
678	LARAWAY ROAD	168+00.00	33.00' LT	681.94	678.44 (S)	INLET TY A	TY 24 F&G	
679	LARAWAY ROAD	168+00.00	45.00' RT	681.70	677.87 (N), 677.67 (S)	CB, TY A, 4' DIA.	TY 24 F&G	*
679a	LARAWAY ROAD	168+91.00	45.00' RT	681.97	678.47 (S)	INLET TY A	TY 24 F&G	
680	SOUTH FOXWOOD	829+17.00	14.05' LT	681.49	677.10 (E), 673.36 (NW)	CB, TY A, 4' DIA.	TY 24 F&G	
681	SOUTH FOXWOOD	829+17.00	14.0' RT	681.50	677.50 (W)	INLET TY A	TY 24 F&G	
682	NORTH FOXWOOD	840+82.00	16.50' LT	681.32	677.32 (E)	INLET TY A	TY 24 F&G	
685	NORTH FOXWOOD	840+82.00	16.50' RT	681.33	676.68 (S), 676.88 (W)	INLET TY B	TY 24 F&G	
686	NORTH FOXWOOD	840+54.93	29.54' RT	682.00	676.58 (NW), 676.38 (E)	INLET TY B	TY 24 F&G	
687	LARAWAY ROAD	170+73.00	45.00' LT	682.51	676.27 (W), 674.75 (S)	INLET TY B	TY 24 F&G	
687A	LARAWAY ROAD	100+73.00	4.00' RT	682.98	674.10 (N), 674.06 (S)	CB, TY D, 3' DIA.	TY 11 F&G	
688	LARAWAY ROAD	171+75.00	45.00' LT	682.82	679.92 (S)	INLET TY A	TY 24 F&G	
689	LARAWAY ROAD	172+59.00	44.11' LT	683.09	679.84 (S)	INLET TY A	TY 24 F&G	
694	LARAWAY ROAD	167+42.00	54.81' RT	680.50	671.65 (W), 671.75 (E)	INLET TY A	TY 8 G	
700	LARAWAY ROAD	174+79.00	43.49' RT	683.22	677.81 (E), 677.71 (N), 677.70 (S - EXIST)	MH, 6' DIA.	TY 1 F OL	*
702	LARAWAY ROAD	175+90.00	45.92' RT	683.17	678.29 (W), 678.29 (E)	MH, 4' DIA.	TY 1 F OL	*
703	LARAWAY ROAD	177+50.00	50.50' RT	682.59	678.99 (W), 678.99 (E)	MH, 4' DIA.	TY 8 G	*
704	LARAWAY ROAD	179+00.00	54.22' RT	682.80	679.65 (W)	MH, 4' DIA.	TY 8 G	*
900	LARAWAY ROAD	186+19.11	61.30' RT	686.40	684.40 (SE)	INLET TY A	TY 8 G	
901	LARAWAY ROAD	187+15.00	33.00' LT	687.73	682.11 (S), 681.91 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
902	LARAWAY ROAD	187+15.00	33.00' RT	687.73	684.23 (N)	INLET TY A	TY 24 F&G	
903	LARAWAY ROAD	184+10.00	33.00' LT	687.88	680.85 (S), 680.65 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
904	CARDINAL DRIVE	854+18.00	14.10' LT	687.21	683.26 (E), 683.06 (NW)	INLET TY B	TY 24 F&G	*
905	CARDINAL DRIVE	854+18.00	14.00' RT	687.23	683.73 (W)	INLET TY A	TY 24 F&G	
906	LARAWAY ROAD	182+81.00	33.00' LT	687.29	682.18 (S), 681.98 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
907	LARAWAY ROAD	182+81.00	45.00' RT	687.05	682.88 (E), 682.68 (N)	INLET TY B	TY 24 F&G	
907a	LARAWAY ROAD	183+46.00	45.00' RT	687.35	683.35 (W)	INLET TY A	TY 24 F&G	
908	LARAWAY ROAD	181+55.00	33.00' LT	686.67	681.48 (S), 681.28 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
909	LARAWAY ROAD	181+55.00	41.26' RT	686.50	682.30 (N)	INLET TY A	TY 24 F&G	
910	LARAWAY ROAD	179+82.00	33.00' LT	685.65	681.16 (S), 680.96 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
911	LARAWAY ROAD	179+82.00	33.00' RT	685.65	681.65 (N)	INLET TY A	TY 24 F&G	
912	LARAWAY ROAD	177+86.00	33.00' LT	684.27	679.94 (S), 678.74 (N)	CB, TY A, 4' DIA.	TY 24 F&G	
913	LARAWAY ROAD	177+86.00	33.00' RT	684.27	680.45 (N)	INLET TY A	TY 24 F&G	
915	LARAWAY ROAD	175+92.00	33.00' RT	682.93	679.12 (N)	INLET TY A	TY 24 F&G	
917	LARAWAY ROAD	175+45.00	33.00' RT	682.85	679.35 (N)	INLET TY A	TY 24 F&G	
919	LARAWAY ROAD	174+88.00	33.00' RT	682.94	680.03 (N)	INLET TY A	TY 24 F&G	
920	LARAWAY ROAD	188+86.00	33.00' LT	686.88	681.30 (S), 681.10 (N)	CB, TY A, 4' DIA		

**DRAINAGE STRUCTURE SCHEDULE**

STR. NUMBER	ALIGNMENT	STATION	OFFSET (CENTER OF STRUCTURE)	RIM ELEVATION	INVERT ELEVATION	STRUCTURE DATA		FLAT SLAB TOP
M6-1	LARAWAY ROAD	136+05.35	59.11' RT	669.00	661.04 (E), 664.27 (N), 661.04 (S)	MH, 8' DIA.	TY 1 F CL	*
M6-3	LARAWAY ROAD	138+37.00	52.00' RT	671.90	661.31 (W)(E), 669.44 (N)	MH, 7' DIA.	TY 1 F CL	
M6-4	LARAWAY ROAD	140+40.00	46.09' RT	674.63	661.55 (W)(E), 670.41 (N)	MH, 7' DIA.	TY 1 F CL	
M6-5	LARAWAY ROAD	141+32.00	51.50' RT	674.22	661.65 (W)(E), 671.54 (N)	MH, 7' DIA.	TY 1 F CL	
M6-6	LARAWAY ROAD	142+02.00	51.05' RT	674.81	661.73 (W)(E), 669.27 (N)	MH, 7' DIA.	TY 1 F CL	
M6-7	LARAWAY ROAD	143+88.00	50.59' RT	675.49	661.95 (W)(E), 669.43 (N)	MH, 7' DIA.	TY 1 F CL	
M6-8	LARAWAY ROAD	146+70.00	41.13' RT	676.69	662.28 (W)(E), 671.60 (N)	MH, 7' DIA.	TY 1 F CL	
M6-10	LARAWAY ROAD	147+82.00	41.12' RT	677.17	662.41 (W)(E), 672.39 (N)	MH, 7' DIA.	TY 1 F CL	
M6-11	LARAWAY ROAD	149+47.00	41.12' RT	678.00	662.60 (W)(E), 674.03 (N)	MH, 7' DIA.	TY 1 F CL	
M6-12	LARAWAY ROAD	150+87.00	41.08' RT	678.70	662.77 (W)(E), 670.58 (N)	MH, 7' DIA.	TY 1 F CL	
M6-13	LARAWAY ROAD	152+52.00	41.03' RT	679.53	662.96 (W)(E), 672.52 (N)	MH, 7' DIA.	TY 1 F CL	
M6-14	LARAWAY ROAD	154+13.00	40.97' RT	680.33	663.15 (W)(E), 675.50 (N), 671.66 (SE)	MH, 7' DIA.	TY 1 F CL	*
M6-15	LARAWAY ROAD	155+60.00	50.77' RT	680.42	663.32 (W)(E), 675.90 (N)	MH, 7' DIA.	TY 1 F CL	
M6-16	LARAWAY ROAD	157+11.00	59.82' RT	680.86	663.49 (W)(E), 668.84 (N)	MH, 7' DIA.	TY 1 F CL	
M6-17	LARAWAY ROAD	158+90.00	63.76' RT	682.03	663.70 (W)(E), 669.42 (N), 674.78 (SE)	MH, 7' DIA.	TY 1 F CL	*
M6-18	LARAWAY ROAD	160+50.00	52.00' RT	681.30	663.89 (W)(E), 677.39 (SW)	MH, 7' DIA.	TY 1 F CL	
M6-19	LARAWAY ROAD	161+11.00	57.7' RT	681.53	663.96 (W), 665.12 (E), 675.43 (N)	MH, 6' DIA.	TY 1 F CL	
M6-20	LARAWAY ROAD	162+25.00	57.6' RT	680.99	665.21 (W), 669.15 (E), 675.95 (N)	MH, 6' DIA.	TY 1 F CL	
M6-21	LARAWAY ROAD	162+69.90	55.03' RT	679.89	669.35 (W)(E), 676.71 (NE)	CB, TY A, 5' DIA.	TY 8 G	
M6-22	LARAWAY ROAD	163+78.58	55.43' RT	680.71	669.60 (W)(E)	MH, 5' DIA.	TY 24 F&G	
M6-25	LARAWAY ROAD	164+45.78	56.33' RT	679.45	669.75 (W), 670.75 (E), 676.32 (NW), 674.17 (N)	MH, 6' DIA.	TY 8 G	*
M6-26	LARAWAY ROAD	165+67.00	54.20' RT	680.75	671.05 (W), 671.15 (E), 676.65 (N)	MH, 4' DIA.	TY 1 F CL	*
M6-28	LARAWAY ROAD	166+84.00	53.08' RT	681.61	671.40 (W), 671.50 (E), 676.87 (N)	MH, 4' DIA.	TY 1 F CL	
M6-29	LARAWAY ROAD	168+00.00	53.08' RT	681.21	671.90 (W), 672.00 (E), 677.62 (N)	MH, 4' DIA.	TY 1 F CL	
M6-30	LARAWAY ROAD	168+91.00	53.08' RT	681.69	672.20 (W), 672.30 (E), 678.41 (N)	MH, 4' DIA.	TY 1 F CL	
M6-31	LARAWAY ROAD	169+80.00	49.42' RT	682.01	672.50 (W), 672.60 (E), 672.80 (SE)	MH, 5' DIA.	TY 24 F&G	
M6-32	LARAWAY ROAD	170+73.00	33.45' RT	682.73	673.71 (N), 673.51 (W), 677.00 (E)	MH, 4' DIA.	TY 24 F&G	
M6-33	LARAWAY ROAD	171+75.00	33.00' RT	683.06	678.10 (W), 678.30 (E), 679.29 (N)	MH, 4' DIA.	TY 24 F&G	*
M6-34	LARAWAY ROAD	172+59.00	33.00' RT	683.31	679.02 (W), 679.22 (N)	MH, 4' DIA.	TY 24 F&G	*
M6-40	LARAWAY ROAD	135+36.84	115.8' RT	670.00	660.50 (S)(W)	MH, 6' DIA RESTRICT	(2) TY 1 F CL	*
M6-41	LARAWAY ROAD	137+70.00	60.7' RT	669.70	665.40 (SW), 665.50 (E)	MH, 4' DIA.	TY 1 F CL	*
M6-42	LARAWAY ROAD	139+15.00	55.4' RT	674.22	669.95 (W), 670.05 (E)	MH, 4' DIA.	TY 1 F CL	*
M6-43	HEATHERWAY	690+58.95	26.15' RT	677.16	672.96 (SE), 673.41 (W), 673.66 (N)	MH, 4' DIA.	TY 24 F&G	*
M6-44	LARAWAY ROAD	158+90.00	62.86' LT	681.73	670.39 (S), 675.49 (E)	CB, TY A, 4' DIA.	TY 1 F CL	
M6-46	LARAWAY ROAD	164+51.12	55.04' LT	677.10	672.60 (N - EX. 18" PIPE)	CB, TY A, 4' DIA.	TY 8 G	*
M9-1	LARAWAY ROAD	186+44.52	50.36' LT	686.21	676.62 (N), 676.62 (W)	MH, 8' DIA.	TY 1 F CL	
M9-2	LARAWAY ROAD	184+10.00	46.00' LT	687.52	676.78 (W)(E), 680.61 (S)	MH, 8' DIA.	TY 1 F CL	
M9-3	LARAWAY ROAD	182+81.00	46.00' LT	686.66	676.87 (E) 677.51 (W), 681.94 (S)	MH, 7' DIA.	TY 1 F CL	*
M9-4	LARAWAY ROAD	181+55.00	46.00' LT	686.01	677.59 (W)(E), 681.24 (S)	MH, 7' DIA.	TY 1 F CL	*
M9-5	LARAWAY ROAD	179+82.00	46.00' LT	685.01	677.71 (W)(E), 680.92 (S)	MH, 7' DIA.	TY 1 F CL	*
M9-6	LARAWAY ROAD	177+86.00	46.00' RT	684.30	677.84 (W)(E), 679.69 (S)	MH, 7' DIA.	TY 1 F CL	*
M9-7	LARAWAY ROAD	175+92.00	33.00' LT	682.93	678.17 (W), 677.97 (E), 678.17 (S)	MH, 6' DIA.	TY 24 F&G	*
M9-8	LARAWAY ROAD	175+45.00	33.00' LT	682.85	678.83 (E), 679.03 (W), 679.03 (S)	MH, 5' DIA.	TY 24 F&G	*
M9-9	LARAWAY ROAD	174+88.00	33.00' LT	682.94	679.25 (E), 679.45 (S)	MH, 4' DIA.	TY 24 F&G	*
M9-10	LARAWAY ROAD	184+10.00	46.67' RT	687.67	681.31 (N), 681.51 (SE)	INLET TY B	TY 24 F&G	
FE1	LARAWAY ROAD	134+36.43	80.6' RT	-	660.19 (E)	PRC FLAR END SEC 12		
FE1A	LARAWAY ROAD	135+66.23	126.0' RT	-	660.91 (W)	PRC FLAR END SEC 12		
FE2	LARAWAY ROAD	136+04.18	83.9' RT	-	661.01 (N)	PRC FLAR END SEC 48		
FE3	LARAWAY ROAD	137+42.09	95.3' RT	-	663.32 (NE)	PRC FLAR END SEC 18		
FE4	LARAWAY ROAD	140+22.86	59.9' RT	-	670.67 (W)	PRC FLAR END SEC 18		
FE5	LARAWAY ROAD	141+51.74	61.7' RT	-	671.30 (E)	PRC FLAR END SEC 18		
FE6	LARAWAY ROAD	141+88.44	61.8' RT	-	671.47 (W)	PRC FLAR END SEC 18		
FE8	LARAWAY ROAD	174+79.00	46.09' LT	-	679.85 (S)	PRC FLAR END SEC 24 EQU ROUND-SIZE		
FE9	LARAWAY ROAD	186+66.56	79.22' RT	-	684.27 (NW)	PRC FLAR END SEC 15		
FE10	LARAWAY ROAD	186+63.90	89.82' LT	-	676.59 (SW)	PRC FLAR END SEC 48 EQU ROUND-SIZE		
FE11	LARAWAY ROAD	190+38.73	65.23' RT	-	683.13 (N)	PRC FLAR END SEC 24 EQU ROUND-SIZE		
FE12	LARAWAY ROAD	190+38.73	46.78' LT	-	682.77 (S)	PRC FLAR END SEC 24 EQU ROUND-SIZE		
FE13	LARAWAY ROAD	190+43.27	65.23' RT	-	683.13 (N)	PRC FLAR END SEC 24 EQU ROUND-SIZE		
FE14	LARAWAY ROAD	190+43.27	46.78' LT	-	682.77 (S)	PRC FLAR END SEC 24 EQU ROUND-SIZE		
FE15	LARAWAY ROAD	197+18.22	69.16' RT	-	686.05 (E)	PRC FLAR END SEC 18 EQU ROUND-SIZE		

**NOTES:**

- STATIONS, OFFSETS AND RIM ELEVATIONS OF STRUCTURES WITHIN THE CURB LINE ARE GIVEN FROM THE PROPOSED EDGE OF PAVEMENT.
- STATIONS AND OFFSETS OF STRUCTURES IN TURF ARE GIVEN FROM THE CENTER OF THE STRUCTURE.
- CONICAL SECTIONS AND FLAT TOP SLABS SHALL BE ROTATED APPROPRIATELY TO PLACE THE FRAME AND GRATE IN THE PROPER LOCATION TO MATCH THE CURB LINE OR DITCH LOCATION.
- RIM ELEVATIONS FOR STRUCTURES IN TURF ARE GIVEN FROM THE FINISH GROUND SURFACE ELEVATION.
- STATIONS, OFFSETS AND INVERT ELEVATIONS OF FLARED END SECTIONS ARE GIVEN FROM THE POINT WHERE THE ADJOINING PIPE CONNECTS TO THE FLARED END SECTION.

**DRAINAGE STRUCTURE SCHEDULE**

STR. NUMBER	ALIGNMENT	STATION	OFFSET (CENTER OF STRUCTURE)	RIM ELEVATION	INVERT ELEVATION	STRUCTURE DATA	FLAT SLAB TOP
FE16	LARAWAY ROAD	197+50.35	67.83' RT	-	686.24 (W)	PRC FLAR END SEC 18 EQU ROUND-SIZE	
FE17	LARAWAY ROAD	177+50.73	59.80' LT	-	681.26 (E)	PRC FLAR END SEC 18	
FE18	LARAWAY ROAD	177+84.79	59.15' LT	-	681.63 (W)	PRC FLAR END SEC 18	

**CULVERT PIPE SCHEDULE**

CULVERT #	FROM STR	TO STR	TYPE		LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	UPSTREAM INV	DOWNTREAM INV	CONTROLLED LOW STRENGTH MATERIAL (CU-YD)	TRENCH BACKFILL (CU-YD)
CU1	M6-40	FE1	RCP CL A	TY 3	105	12in	0.30	660.50	660.19		
CU2	FE1A	M6-40	RCP CL A	TY 2	29	12in	1.41	660.91	660.50		
CU3	M6-41	FE3	RCP CL A	TY 2	43	18in	4.84	665.40	663.32		
CU4	M6-42	M6-41	RCP CL A	TY 2	141	18in	3.16	669.95	665.50		
CU5	FE4	M6-42	RCP CL A	TY 2	107	18in	0.58	670.67	670.05		11.8
CU6	FE6	FE5	RCP CL A	TY 2	37	18in	0.46	671.47	671.30		4.3
CU7	FE8	700	RCP CL A	TY 2	87	24 eq	2.46	679.85	677.71	42.2	11.7
CU9	702	700	RCP CL A	TY 2	107	15in	0.45	678.29	677.81		20.3
CU10	703	702	RCP CL A	TY 2	157	15in	0.45	678.99	678.29		
CU10a	704	703	RCP CL A	TY 2	147	15 in	0.45	679.65	678.99		
CU11	900	FE9	RCP CL A	TY 2	50	15in	0.26	684.40	684.27		3.6
CU12	FE11	FE12	RCP CL A	TY 1	112	24 eq	0.32	683.13	682.77	15.8	3.8
CU13	FE13	FE14	RCP CL A	TY 1	112	24 eq	0.32	683.13	682.77	15.8	3.8
CU14	FE16	FE15	RCP CL A	TY 2	33	18in	0.76	686.27	686.05		2.9
CU15	FE18	FE17	RCP CL A	TY 2	34	18in	1.10	681.63	681.26		3.0



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DESIGNED - ECW  
 DRAWN - ECW  
 CHECKED -  
 DATE - 09/09/2022

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULES  
 LARAWAY ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	216
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	CADD FILE NAME	
	NO.	

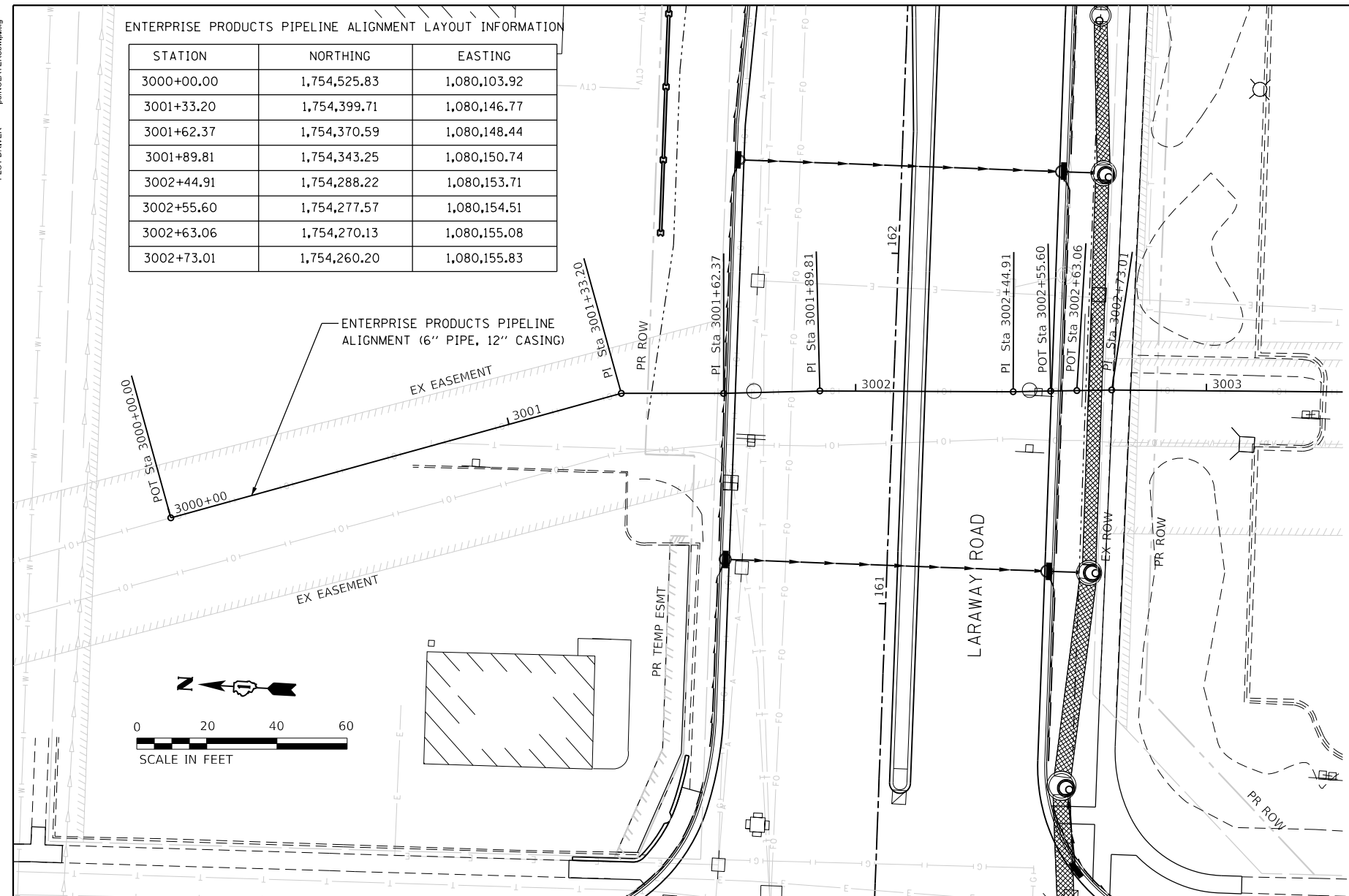
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

FILE NAME	shp-pipe@ne-01.dgn
MODEL NAME	Default
PLOT SCALE	40.00000' / 1 in.
PLOT DATE	9/9/2022 (15:22:32 PM)

# E:\WALCO\1704-01\DW\CADD\_Sheets\...  
 # Mike Moss  
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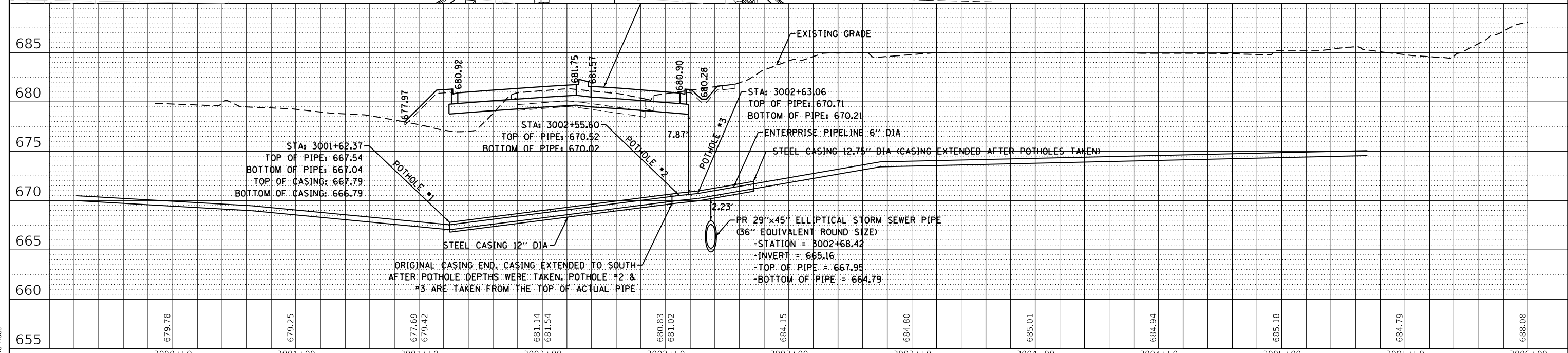
ENTERPRISE PRODUCTS PIPELINE ALIGNMENT LAYOUT INFORMATION

STATION	NORTHING	EASTING
3000+00.00	1,754,525.83	1,080,103.92
3001+33.20	1,754,399.71	1,080,146.77
3001+62.37	1,754,370.59	1,080,148.44
3001+89.81	1,754,343.25	1,080,150.74
3002+44.91	1,754,288.22	1,080,153.71
3002+55.60	1,754,277.57	1,080,154.51
3002+63.06	1,754,270.13	1,080,155.08
3002+73.01	1,754,260.20	1,080,155.83



PIPELINE NOTES

1. AT LEAST TWO WEEKS PRIOR TO ANY WORK OCCURRING WITHIN 25 FEET OF ENTERPRISE PRODUCTS PIPELINE, CONTRACTOR WILL CONTACT BLAKE HAMILTON AT 815-277-7286 TO SCHEDULE AN ON-SITE MEETING TO DISCUSS THE NATURE OF THE WORK INCLUDING METHODS OF CONSTRUCTION AND EQUIPMENT USED. CONTRACTOR WILL COOPERATE WITH THE ENTERPRISE PRODUCTS REPRESENTATIVES AS DESCRIBED IN THESE CONTRACT DOCUMENTS AND COMMUNICATED BY ENTERPRISE PRODUCTS REPRESENTATIVES.
2. ENTERPRISE PRODUCTS REPRESENTATIVES WILL BE ON-SITE TO MONITOR CONSTRUCTION ACTIVITY THAT IS WITHIN 25 FEET OF THE PIPELINE AT ALL TIMES. THERE WILL BE NO EXCAVATION OR BACKFILLING WITHIN THE PIPELINE RIGHT-OF-WAY FOR ANY REASON WITHOUT AN ENTERPRISE REPRESENTATIVE ON SITE GIVING PERMISSION.
3. CONTRACTOR SHALL BE AWARE THAT SPECIAL CONSTRUCTION REQUIREMENTS SHALL BE FOLLOWED WHEN WORKING WITHIN 25 FEET OF ENTERPRISE PRODUCTS PIPELINES. THESE REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
  - A. ALL CONSTRUCTION EQUIPMENT USED WITHIN 25 FEET OF PIPELINE SHALL BE APPROVED BY ENTERPRISE PIPELINES IN WRITING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A PLAN INDICATING WHERE CONSTRUCTION EQUIPMENT WILL CROSS THE PIPELINE, ALONG WITH THE DEPTH OF THE PIPE AT CROSSINGS, ANY PROPOSED RAMPING OVER THE PIPELINE, TOGETHER WITH THE FOLLOWING SPECIFICATIONS FOR THE EQUIPMENT: EQUIPMENT MAKE/MODEL/SIZE & FULLY LOADED WEIGHT OF EQUIPMENT; FOR TRACKED EQUIPMENT TRACK SHOE WIDTH AND LENGTH OF TRACK TOUCHING GROUND; FOR WHEELED EQUIPMENT NUMBER OF AXLES (SINGLE OR TANDEM AXLES), AXLE CONFIGURATION, AND MAXIMUM INDIVIDUAL AXLE LOADS. ENTERPRISE PIPELINES WILL PERFORM A STRESS FACTOR CALCULATION TO DETERMINE IF THE EQUIPMENT CAN SAFELY CROSS THE PIPELINE. IF CROSSING OF THE PIPELINE IS ALLOWED, SPECIAL MEASURES MAY NEED TO BE TAKEN TO ENSURE THE INTEGRITY OF THE PIPELINE. ONCE INFORMATION FOR EQUIPMENT IS SUBMITTED, ENTERPRISE WILL WORK DILIGENTLY TO PERFORM ITS ANALYSIS, BUT TYPICALLY REQUIRES A MINIMUM OF THREE WORKING DAYS TO COMPLETE THE ANALYSIS.
  - B. THE CONTRACTOR SHALL NOT BE PERMITTED TO TRANSPORT CONSTRUCTION MATERIALS OR EQUIPMENT LONGITUDINALLY OVER THE PIPELINE WHERE IT IS NECESSARY FOR CONSTRUCTION EQUIPMENT (I.E., TRACTORS, BACKHOES, DUMP TRUCKS, ETC.) OR EQUIPMENT TRANSPORTING CONSTRUCTION MATERIALS TO CROSS THE PIPELINE. THE CROSSING OF THE PIPELINE RIGHT-OF-WAY SHALL BE AT, OR AS NEAR TO, A 90 DEGREE ANGLE AS IS FEASIBLE. CONSTRUCTION EQUIPMENT WILL ONLY CROSS THE PIPELINE AT ENTERPRISE-DESIGNATED LOCATIONS. ENTERPRISE WILL SEEK RECOVERY FOR ANY AND ALL DAMAGE CAUSED BY UNAPPROVED CROSSINGS.
  - C. NO HEAVY EQUIPMENT IS ALLOWED TO WORK DIRECTLY OVER THE PIPELINE. THE RIGHT-OF-WAY BOUNDARY WILL BE MARKED WITH TEMPORARY FENCING TO ASSIST THE OPERATOR WITH POSITIONING HEAVY EQUIPMENT.
  - D. NO TRACK TYPE CONSTRUCTION EQUIPMENT SHALL BE PERMITTED TO PIVOT OR TURN DIRECTLY OVER THE TOP OF THE PIPELINE.
  - E. A SCRAPER OR PAN TYPE TRACTOR SHALL NOT BE USED FOR REMOVAL OF SOIL WITHIN TEN FEET (10') OF THE CENTERLINE OF THE PIPELINE. RUBBER TIRE OR SMALL TRACK EQUIPMENT IS AN ACCEPTABLE ALTERNATIVE.
  - F. A SHEEPSFOOT ROLLER SHALL NOT BE USED FOR REMOVAL OF SOIL WITHIN FIVE FEET (5') OR DIRECTLY ABOVE THE CENTERLINE OF THE PIPELINE.
  - G. NO VIBRATORY ROLLERS SHALL BE USED WITHIN THREE FEET (3') OF THE CENTERLINE OF THE PIPELINE UNTIL THE COMPACTED COVER OVER THE PIPELINE HAS REACHED A DEPTH OF THREE AND ONE-HALF FEET (3 1/2').
  - H. NO EXCAVATION OR CONSTRUCTION ACTIVITY WILL BE PERMITTED WITHIN 25 FEET (25') OF THE PIPELINE UNTIL ALL APPROPRIATE COMMUNICATIONS HAVE BEEN MADE WITH ENTERPRISE'S FIELD OPERATIONS AND THE RIGHT-OF-WAY DEPARTMENT. A FORMAL ENGINEERING ASSESSMENT MAY BE REQUIRED.
  - I. ALL MECHANICAL DIGGING EQUIPMENT MUST DIG PARALLEL TO THE PIPELINES AND HAVE THE TEETH REMOVED OR BARRED WITH A PLATE WELDED ACROSS THE BUCKET.
  - J. PAVEMENT REMOVAL WITHIN 25 FEET OF THE CENTERLINE OF PIPELINE SHALL BE ACCOMPLISHED IN A MANNER THAT WILL LIMIT VIBRATIONS. THIS MAY INCLUDE REMOVING PAVEMENT WITH A SELF-PROPELLED MILLING MACHINE. BREAKING UP OF PAVEMENT WITH AN EXCAVATOR (OR OTHER MACHINE) BUCKET WILL NOT BE ALLOWED.
  - K. CURB REMOVAL & SIDEWALK REMOVAL: CURB & SIDEWALK SHALL BE REMOVED IN A MANNER THAT WILL LIMIT IMPACTS AND VIBRATIONS. NO BREAKING UP OF CONCRETE MATERIAL WITH AN EXCAVATOR (OR OTHER MACHINE) BUCKET SHALL BE ALLOWED WITHIN 25 FEET OF UNDERGROUND PIPELINES.
  - L. EARTH EXCAVATION & TRENCHING: MECHANIZED EQUIPMENT IS NOT ALLOWED WITHIN 24 INCHES FROM THE OUTER EDGE OF THE PIPE (IN ALL DIRECTIONS). ANY EXCAVATION TAKING PLACE WITHIN THE TOLERANCE ZONE MUST BE DONE BY HAND OR BY OTHER NON-MECHANICAL MEANS AS APPROVED BY PIPELINE PERSONNEL.



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PLOT DATE	= 9/9/2022 (15:22:32 PM)	DATE	= 09/09/2022	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PIPELINE PLAN AND PROFILE  
ENTERPRISE PRODUCTS PIPELINE

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	217
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

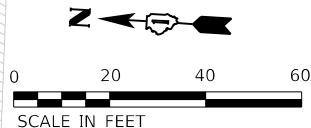
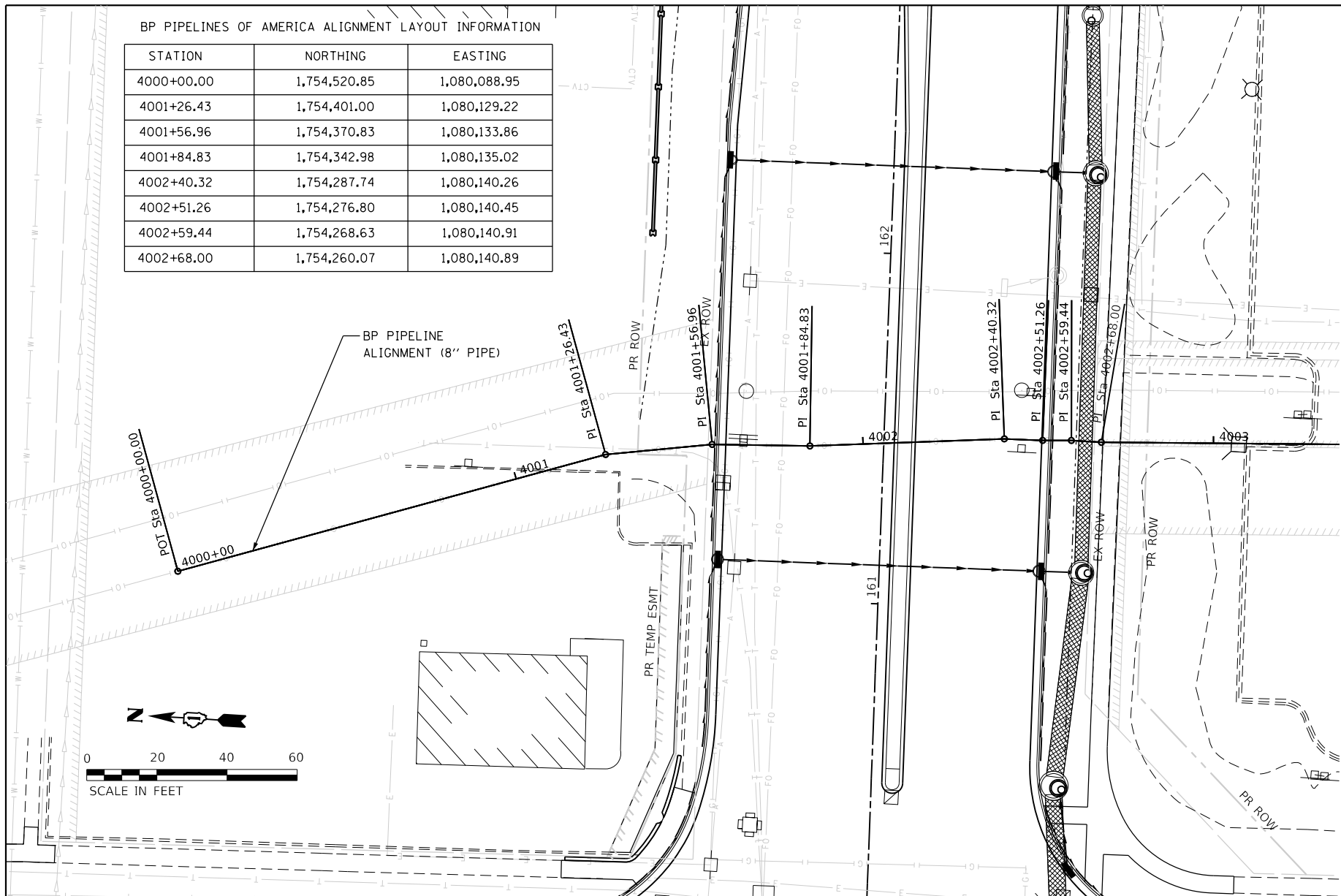
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	GRADES CHECKED	
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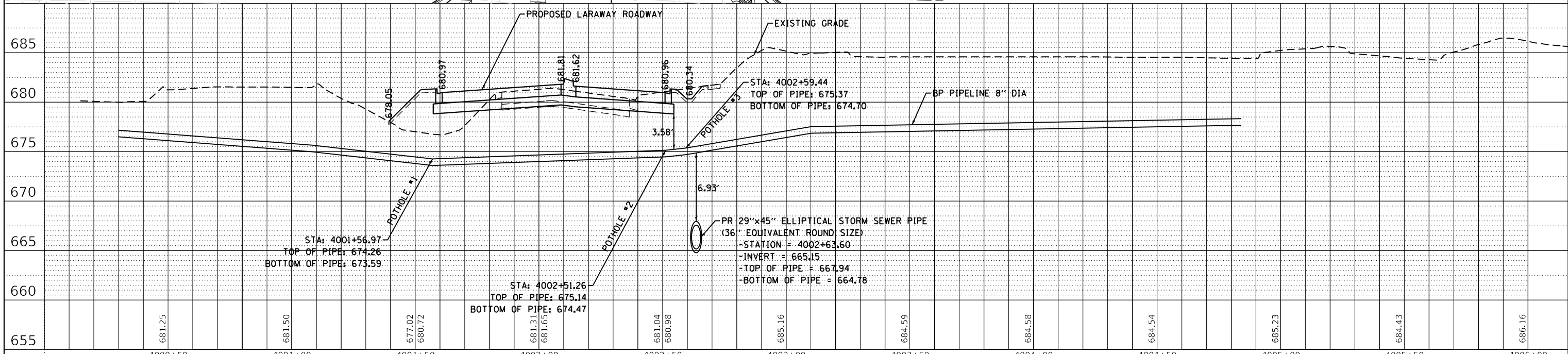
BP PIPELINES OF AMERICA ALIGNMENT LAYOUT INFORMATION

STATION	NORTHING	EASTING
4000+00.00	1,754,520.85	1,080,088.95
4001+26.43	1,754,401.00	1,080,129.22
4001+56.96	1,754,370.83	1,080,133.86
4001+84.83	1,754,342.98	1,080,135.02
4002+40.32	1,754,287.74	1,080,140.26
4002+51.26	1,754,276.80	1,080,140.45
4002+59.44	1,754,268.63	1,080,140.91
4002+68.00	1,754,260.07	1,080,140.89



PIPELINE NOTES

- AT LEAST TWO WEEKS PRIOR TO ANY WORK OCCURRING WITHIN 25 FEET OF BP'S PIPELINE, CONTRACTOR WILL CONTACT TIMOTHY FEHR AT 312-809-4719 OR STEVE ADAMS AT 779-801-4969 TO SCHEDULE AN ON-SITE MEETING TO DISCUSS THE NATURE OF THE WORK INCLUDING METHODS OF CONSTRUCTION AND EQUIPMENT USED. CONTRACTOR WILL COOPERATE WITH THE BP'S REQUIREMENTS AS DESCRIBED IN THESE CONTRACT DOCUMENTS AND COMMUNICATED BY BP'S REPRESENTATIVES.
- BP'S REPRESENTATIVES WILL BE ON-SITE TO MONITOR CONSTRUCTION ACTIVITY THAT IS WITHIN 25 FEET OF THE PIPELINE AT ALL TIMES. THERE WILL BE NO EXCAVATION OR BACKFILLING WITHIN THE PIPELINE RIGHT-OF-WAY FOR ANY REASON WITHOUT A BP REPRESENTATIVE ON SITE GIVING PERMISSION.
- CONTRACTOR SHALL BE AWARE THAT SPECIAL CONSTRUCTION REQUIREMENTS SHALL BE FOLLOWED WHEN WORKING WITHIN 25 FEET OF BP'S PIPELINES. THESE REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
  - ALL CONSTRUCTION EQUIPMENT USED WITHIN 25 FEET OF PIPELINE SHALL BE APPROVED BY BP IN WRITING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A PLAN INDICATING WHERE CONSTRUCTION EQUIPMENT WILL CROSS THE PIPELINE, ALONG WITH THE DEPTH OF THE PIPE AT CROSSINGS, ANY PROPOSED RAMPING OVER THE PIPELINE, TOGETHER WITH THE FOLLOWING SPECIFICATIONS FOR THE EQUIPMENT: EQUIPMENT MAKE/MODEL/SIZE & FULLY LOADED WEIGHT OF EQUIPMENT; FOR TRACKED EQUIPMENT TRACK SHOE WIDTH AND LENGTH OF TRACK TOUCHING GROUND; FOR WHEELED EQUIPMENT NUMBER OF AXLES (SINGLE OR TANDEM AXLES), AXLE CONFIGURATION, AND MAXIMUM INDIVIDUAL AXLE LOADS. BP WILL PERFORM A STRESS FACTOR CALCULATION TO DETERMINE IF THE EQUIPMENT CAN SAFELY CROSS THE PIPELINE. IF CROSSING OF THE PIPELINE IS ALLOWED, SPECIAL MEASURES MAY NEED TO BE TAKEN TO ENSURE THE INTEGRITY OF THE PIPELINE. ONCE INFORMATION FOR EQUIPMENT IS SUBMITTED, BP WILL WORK DILIGENTLY TO PERFORM ITS ANALYSIS, BUT TYPICALLY REQUIRES A MINIMUM OF THREE WORKING DAYS TO COMPLETE THE ANALYSIS.
  - THE CONTRACTOR SHALL NOT BE PERMITTED TO TRANSPORT CONSTRUCTION MATERIALS OR EQUIPMENT LONGITUDINALLY OVER THE PIPELINE. WHERE IT IS NECESSARY FOR CONSTRUCTION EQUIPMENT (I.E., TRACTORS, BACKHOES, DUMP TRUCKS, ETC.) OR EQUIPMENT TRANSPORTING CONSTRUCTION MATERIALS TO CROSS THE PIPELINE, THE CROSSING OF THE PIPELINE RIGHT-OF-WAY SHALL BE AT, OR AS NEAR TO, A 90 DEGREE ANGLE AS IS FEASIBLE. CONSTRUCTION EQUIPMENT WILL ONLY CROSS THE PIPELINE AT BP-DESIGNATED LOCATIONS. BP WILL SEEK RECOVERY FOR ANY AND ALL DAMAGE CAUSED BY UNAPPROVED CROSSINGS.
  - NO HEAVY EQUIPMENT IS ALLOWED TO WORK DIRECTLY OVER THE PIPELINE. THE RIGHT-OF-WAY BOUNDARY WILL BE MARKED WITH TEMPORARY FENCING TO ASSIST THE OPERATOR WITH POSITIONING HEAVY EQUIPMENT.
  - NO TRACK TYPE CONSTRUCTION EQUIPMENT SHALL BE PERMITTED TO PIVOT OR TURN DIRECTLY OVER THE TOP OF THE PIPELINE.
  - A SCRAPER OR PAN TYPE TRACTOR SHALL NOT BE USED FOR REMOVAL OF SOIL WITHIN TEN FEET (10') OF THE CENTERLINE OF THE PIPELINE. RUBBER TIRE OR SMALL TRACK EQUIPMENT IS AN ACCEPTABLE ALTERNATIVE.
  - A SHEEPSFOOT ROLLER SHALL NOT BE USED FOR REMOVAL OF SOIL WITHIN FIVE FEET (5') OR DIRECTLY ABOVE THE CENTERLINE OF THE PIPELINE.
  - NO VIBRATORY ROLLERS SHALL BE USED WITHIN THREE FEET (3') OF THE CENTERLINE OF THE PIPELINE UNTIL THE COMPACTED COVER OVER THE PIPELINE HAS REACHED A DEPTH OF THREE AND ONE-HALF FEET (3 1/2').
  - NO EXCAVATION OR CONSTRUCTION ACTIVITY WILL BE PERMITTED WITHIN 25 FEET (25') OF THE PIPELINE UNTIL ALL APPROPRIATE COMMUNICATIONS HAVE BEEN MADE WITH BP'S FIELD OPERATIONS AND THE RIGHT-OF-WAY DEPARTMENT. A FORMAL ENGINEERING ASSESSMENT MAY BE REQUIRED.
  - ALL MECHANICAL DIGGING EQUIPMENT MUST DIG PARALLEL TO THE PIPELINES AND HAVE THE TEETH REMOVED OR BARRED WITH A PLATE WELDED ACROSS THE BUCKET.
  - PAVEMENT REMOVAL WITHIN 25 FEET OF THE CENTERLINE OF PIPELINE SHALL BE ACCOMPLISHED IN A MANNER THAT WILL LIMIT VIBRATIONS. THIS MAY INCLUDE REMOVING PAVEMENT WITH A SELF-PROPELLED MILLING MACHINE. BREAKING UP OF PAVEMENT WITH AN EXCAVATOR (OR OTHER MACHINE) BUCKET WILL NOT BE ALLOWED.
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  - EARTH EXCAVATION & TRENCHING: MECHANIZED EQUIPMENT IS NOT ALLOWED WITHIN 24 INCHES FROM THE OUTER EDGE OF THE PIPE (IN ALL DIRECTIONS). ANY EXCAVATION TAKING PLACE WITHIN THE TOLERANCE ZONE MUST BE DONE BY HAND OR BY OTHER NON-MECHANICAL MEANS AS APPROVED BY PIPELINE PERSONNEL.



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PLOT DATE = 9/9/2022 (15:22:37 PM)	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PIPELINE PLAN AND PROFILE  
BP PIPELINES OF AMERICA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	218
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. - TO STA. -



PROJECT: ILLINOIS STATE DEPARTMENT OF TRANSPORTATION  
DRAWN BY: Mike Mees

# VOLUME 2

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	219
		ILLINOIS	CONTRACT NO. 61H20	

FOR INDEX OF SHEETS, SEE NEXT SHEET

### FUNCTIONAL CLASSIFICATION

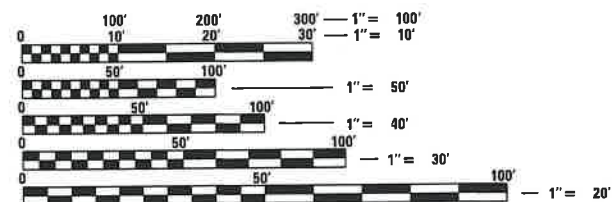
LARAWAY ROAD - MINOR ARTERIAL  
NELSON ROAD - MAJOR COLLECTOR  
STONEBRIDGE DRIVE - LOCAL ROAD  
HEATHERWAY LANE - LOCAL ROAD  
FOXWOOD DRIVE - LOCAL ROAD  
CARDINAL DRIVE - LOCAL ROAD

### TRAFFIC DATA

**NELSON ROAD:**  
NORTH LEG - 4,400 (2019); 8,000 (2040)  
SOUTH LEG - 4,400 (2019); 8,000 (2040)      POSTED SPEED - 30 MPH  
TRUCK PERCENTAGES: SU=7.8% MU=1.7%      DESIGN SPEED - 30 MPH

**LARAWAY ROAD:**  
EAST LEG - 11,800 (2019); 30,000 (2040)  
WEST LEG - 7,100 (2019); 29,000 (2040)      POSTED SPEED - 45 MPH  
TRUCK PERCENTAGES: SU=5.7% MU=3.3%      DESIGN SPEED - 45 MPH

**THIS PROJECT IS LOCATED IN THE VILLAGE OF  
NEW LENOX AND UNINCORPORATED NEW  
LENOX TOWNSHIP**



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: BRADLEY R. FOTSCH, PE  
PROJECT MANAGER: JEFFERY M. SEDIG, PE

Plans Prepared By:

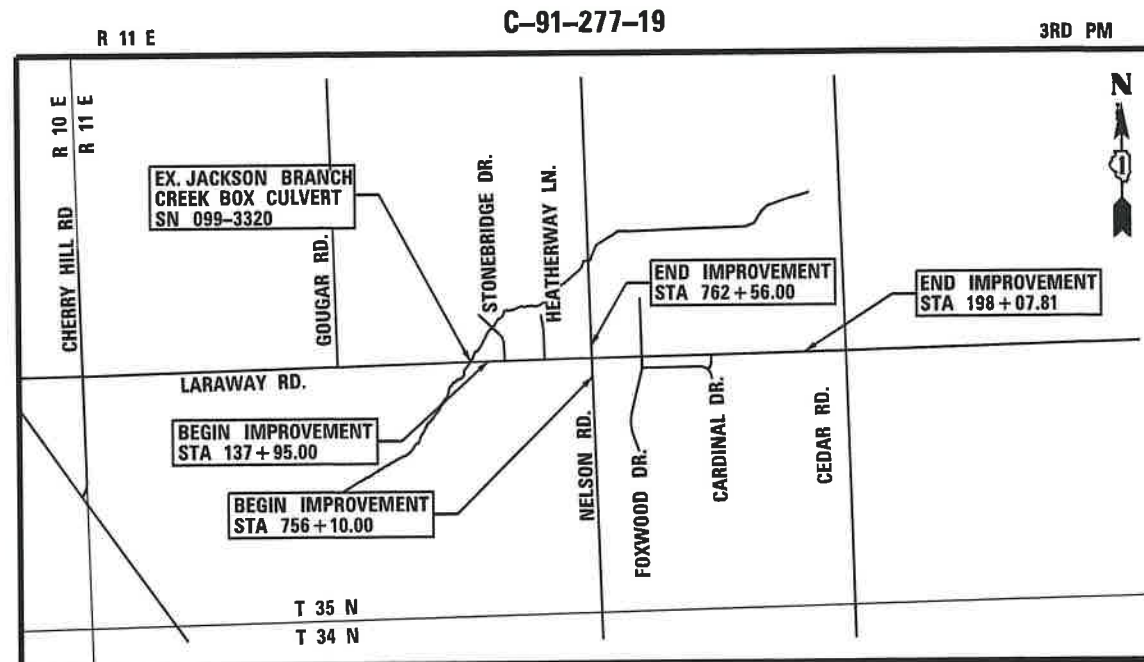
Crawford, Murphy & Tilly

550 N Commons Drive, Suite 116  
Aurora, Illinois 60904  
P: 630.830.1222 | F: 630.830.0930  
www.cmtengr.com | Centered in Value

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# PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

F.A.U. ROUTE 0320 LARAWAY ROAD (CH74)  
JACKSON BRANCH CREEK TO CEDAR ROAD (CH4)  
ROADWAY RECONSTRUCTION AND WIDENING  
SECTION 13-00138-37-PV  
PROJECT 5GSK(528)  
WILL COUNTY



NEW LENOX TOWNSHIP

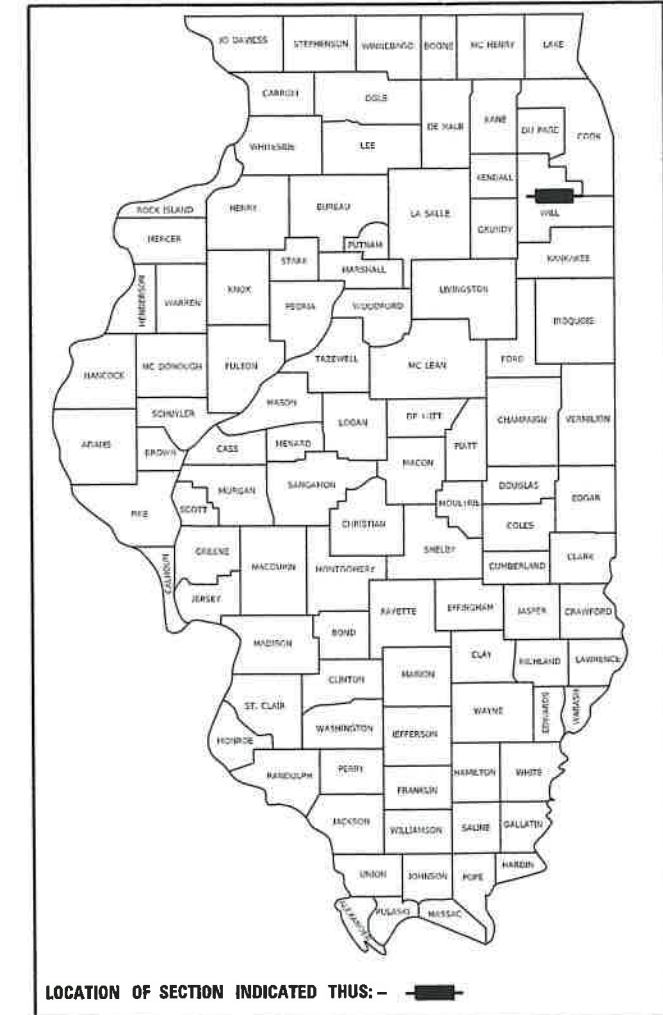
LOCATION MAP  
NOT TO SCALE

GROSS AND NET LENGTH = 7,196.95 FT. = 1.36 MILES

LARAWAY ROAD LENGTH = 6,012.81 FT = 1.14 MILE  
NELSON ROAD LENGTH = 556.00 FT = 0.11 MILE  
STONEBRIDGE DRIVE LENGTH = 155.14 FT = 0.03 MILE  
HEATHERWAY LANE LENGTH = 155.00 FT = 0.03 MILE  
FOXWOOD DRIVE LENGTH = 255.00 FT = 0.05 MILE  
CARDINAL DRIVE LENGTH = 63.00 FT = 0.01 MILE

Jeffery M. Sedig, P.E.  
IL REGISTRATION #062-061748

DATE: 9/9/2022  
EXP. 11/30/2023



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED September 9, 2022  
Jeffery M. Sedig  
WILL COUNTY DIRECTOR OF TRANSPORTATION - COUNTY ENGINEER

PASSED \_\_\_\_\_  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW \_\_\_\_\_  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 MANAGER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

CONTRACT NO. 61H20

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2			INDEX OF SHEETS AND HIGHWAY STANDARDS - VOLUME 1
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17	TO	33	TYPICAL SECTIONS
34			EARTHWORK SCHEDULE
35	TO	39	ALIGNMENT AND TIES
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52	TO	72	ROADWAY PLAN AND PROFILE
73	TO	171	SUGGESTED SEQUENCE OF CONSTRUCTION
172	TO	191	SOIL EROSION AND SEDIMENT CONTROL PLAN
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210			DRAINAGE PLAN COMPENSATORY STORAGE BASIN GRADING
211			DRAINAGE PLAN DETENTION BASIN GRADING
212			DRAINAGE DETAILS RESTRICTOR DETAIL
213			PIPE UNDERDRAINS (SPECIAL) DETAILS
214	TO	216	DRAINAGE SCHEDULES
217	TO	218	HIGH PRESSURE PIPELINE DETAILS

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232	TO	258	ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS
259	TO	268	PAVEMENT MARKING AND SIGNING PLAN
269	TO	285	LANDSCAPING PLAN
286	TO	304	TRAFFIC SIGNAL PLAN
305	TO	307	INTERCONNECT PLAN
308	TO	316	ROADWAY LIGHTING PLAN
317	TO	327	NOISE ABATEMENT WALL PLAN AND PROFILE
328	TO	344	STANDARD DETAILS
345	TO	413	CROSS SECTIONS

**WILL COUNTY DIVISION OF TRANSPORTATION STANDARDS**

- WC-00406 BUTT JOINT AND HMA TAPER DETAIL
- WC-00410 AGRICULTURAL ACCESS DETAIL (FIELD ENTRANCE)
- WC-00430 MINIMUM ACCESS DETAIL ON CURBED ROAD
- WC-00431 MINIMUM ACCESS DETAIL ON CURBED ROAD
- WC-00800 MEDIAN CURB AND ISLAND PAVEMENT MARKINGS
- WC-00801 MEDIAN SIGNAGE AT ISLANDS

**DISTRICT 1 STANDARDS**

- BD-12 MANHOLE IWTH RESTRICTOR PLATE
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-37 MANHOLE TYPE A 7FT. DIAMETER
- BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING
- BE-215 LIGHTING CONTROLLER, SINGLE DOOR
- BE-300 LIGHT POLE FOUNDATION, CONCRETE, <- 35FT. M.H. (11"B.C.)
- BE-701 LUMINARE SAFETY CABLE ASSEMBLY
- BE-702 MISCELLANEOUS DETAILS, SHEET A - CABLE SPACE, POLE WIRING, TRENCH DETAIL
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
- TC-26 DRIVEWAY ENTRANCE SIGNING
- TS-02 MAST ARM MOUNTED STREET NAME SIGNS
- TS-05 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

**VILLAGE OF NEW LENOX STANDARD DETAILS**

- DETAIL 27 STANDARD DETAIL FOR MOUNTABLE COMBINATION CONCRETE CURB AND GUTTER TYPE M-3.12
- DETAIL 44 STANDARD DETAIL FOR STREET LIGHT, ARTERIAL

**COMMITMENTS**

NONE

**HIGHWAY STANDARDS**

- 000001-08 STANDARD SYMBOLS AND ABBREVIATIONS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB AND RAMPS FOR SIDEWALKS
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-03 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-07 PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER
- 602402-03 PRECAST MANHOLE TYPE A 5' (1.52M) DIAMETER
- 602406-11 PRECAST MANHOLE TYPE A 6' (1.83M) DIAMETER
- 602411-09 PRECAST MANHOLE TYPE A 7' (2.17M) DIAMETER
- 602416-09 PRECAST MANHOLE TYPE A 8' (2.44M) DIAMETER
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-05 FRAMES AND LIDS TYPE 1
- 604036-03 GRATE TYPE 8
- 604051-04 FRAME AND GRATE TYPE 11
- 604091-05 FRAME AND GRATE TYPE 24
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-04 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 606306-04 CORRUGATED PC CONCRETE MEDIANS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) FROM PAVEMENT EDGE
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600mm) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
- 701206-05 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS >= 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY, FOR SPEEDS >= 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
- 701336-07 LANE CLOSURE, 2L, 2W, WORK IN SERIES, FOR SPEEDS >= 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER, OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
- 720016-04 MAST ARM MOUNTED STREET NAME SIGNS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORTS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-03 HANDHOLES
- 814006-03 DOUBLE HANDHOLES
- 838001-01 BREAKAWAY DEVICES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 877011-10 STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877012-07 STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-11 CONCRETE FOUNDATIONS DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

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	MODEL NAME = Default	DRAWN - PML	REVISED -		0320	13-00138-37-PV	WILL	413	220			
PLOT SCALE = 40,0000' / in.	CHECKED - JMS	REVISED -	CONTRACT NO. 61H20									
PLOT DATE = 9/9/2022 - 12:22:44 PM	DATE - 09/09/2022	REVISED -	SCALE:		SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

**WILL COUNTY  
DIVISION OF TRANSPORTATION**

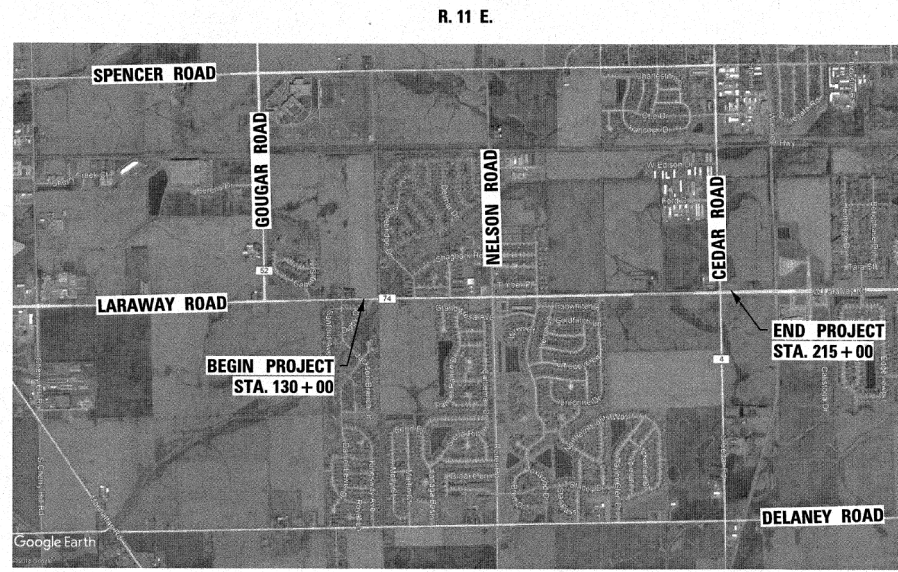
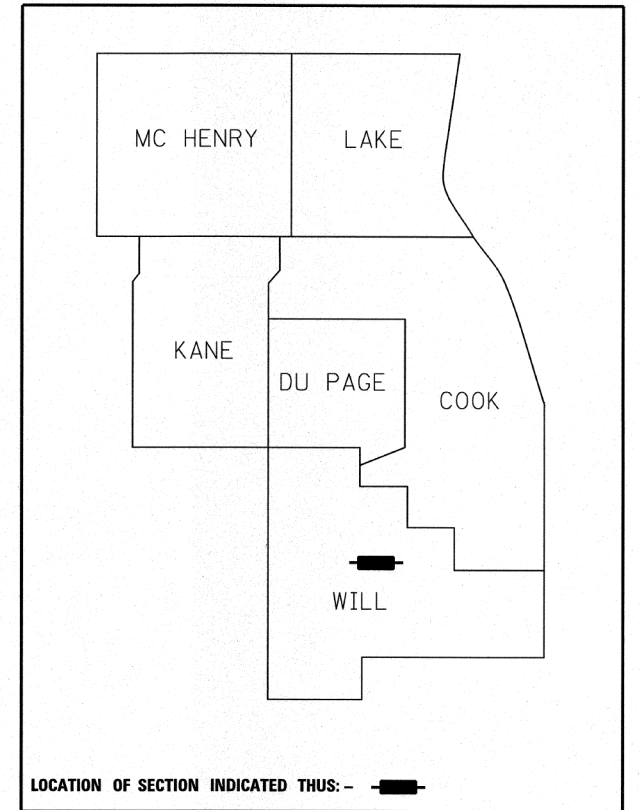
**PLAT OF HIGHWAYS**

**ROUTE: LARAWAY ROAD (CH74)  
SECTION: 13-00138-37-PV  
WILL COUNTY  
LIMITS: CEDAR ROAD (CH4) WEST TO  
STONEBRIDGE DRIVE  
JOB NO.: R-55-001-97**

**SHEET INDEX**

**1 COVER  
2-10 PLAT OF HIGHWAYS  
11 ALIGNMENTS**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001	FIRST MIDWEST BANK AS SUCCESSOR TO PEOTONE BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED NOVEMBER 30, 2004 KNOWN AS TRUST NO. 9-1372	2	
0002	MARY JO O'CONNOR AS TRUSTEE UNDER THE PROVISIONS OF THE MARY JO O'CONNOR DECLARATION OF TRUST DATED JANUARY 13, 2014	3 & 4	
0003	MARY JO O'CONNOR AS TRUSTEE UNDER THE PROVISIONS OF THE MARY JO O'CONNOR DECLARATION OF TRUST DATED JANUARY 13, 2014	2	
0005	PETER KOWALCZYK AND STELLA KOWALCZYK, IN JOINT TENANCY	4	
0006	PETER KOWALCZYK AND STELLA KOWALCZYK, IN JOINT TENANCY	4	
0007	HORACIO LAGUNAS	4	
0008	TNT INDUSTRIAL ENTERPRISES, INC.	4	
0009	TNT INDUSTRIAL ENTERPRISES, INC.	4	
0011	STANDARD BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 13, 2004 KNOWN AS TRUST NO. 18368	4	
0013	VINCI ENTERPRISES, INC.	4	
0015	RICHARD J. VAUGHAN AND/OR BEVERLY VAUGHAN, TRUSTEES UNDER THE RICHARD J. VAUGHAN AND BEVERLY VAUGHAN LIVING TRUST, DATED FEBRUARY 12, 2014	5	
0018	COUNTRY CREEK CONDOMINIUM ASSOCIATION NO. 2, ON BEHALF OF THE UNIT OWNERS AS THEIR INTEREST MAY APPEAR	5	
0021	MMV, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	6	
0023	BMO HARRIS BANK, NATIONAL ASSOCIATION	6	
0024	FIRST BANK OF MANHATTAN AS TRUSTEE UNDER TRUST AGREEMENT KNOWN AS TRUST NO. 595	6 & 10	
0025	MANHATTAN BANCSHARES, INC., AN ILLINOIS CORPORATION	6	
0026	SK CREAMERIES NEW LENOX, LLC AN ILLINOIS LIMITED LIABILITY COMPANY	7	
0027	COOPER-SIDHU VENTURES II, LLC, AN OHIO LIMITED LIABILITY COMPANY	7 & 10	
0028	SK CREAMERIES NEW LENOX, LLC AN ILLINOIS LIMITED LIABILITY COMPANY	7	
0029	COUNTRY VILLAS CONDOMINIUM NO. III ASSOCIATION, ON BEHALF OF THE UNIT OWNERS AS THEIR INTERESTS MAY APPEAR	7	
0030	CLERMONT HEIGHTS PLAZA LLC, A FLORIDA LIMITED LIABILITY COMPANY	7,8 & 10	
0032	DONALD H. PETERSON AS TRUSTEE OF THE DONALD H. PETERSON TRUST DATED JUNE 17, 2002	7	
0033	SONDRA A. MANGUN AS TRUSTEE OF THE SONDRA A. MANGUN DECLARATION OF TRUST DATED FEBRUARY 26, 1999	8	
0034	FRED E. HASENBACH, JR., AND LAVERNE M. HASENBACH, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	8	
0035	COUNTRYSIDE BANK F/K/A STATE BANK OF COUNTRYSIDE AS TRUSTEE UNDER TRUST AGREEMENT DATED AUGUST 4, 1993 KNOWN AS TRUST NO. 93-1319	8	
0036	DORIS R. SMITH, AS TRUSTEE UNDER A DECLARATION OF TRUST KNOWN AS THE DORIS R. SMITH TRUST DATED SEPTEMBER 10, 2010	8	
0037	THOMAS S. EUBANK AND ELAINE G. EUBANK, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	8	
0038	BASILIZA SANCHEZ	8	
0039	COUNTRY VILLAS CONDOMINIUM NO. II ASSOCIATION, ON BEHALF OF THE UNIT OWNERS AS THEIR INTERESTS MAY APPEAR	8	
0043	MARY C. DIEHL AS TRUSTEE OF THE MARY C. DIEHL REVOCABLE LIVING TRUST DATED AUGUST 3, 1993 AS TO AN UNDIVIDED 1/2 INTEREST AND DONALD E. McLAUGHLIN AS TO AN UNDIVIDED 1/2 INTEREST	9 & 10	



**LOCATION MAP**

GROSS LENGTH = 8500.00 FT. = 1.610 MILES  
NET LENGTH = 8500.00 FT. = 1.610 MILES

**IDOT USE ONLY**

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PENTABLE = Laraway\_Screen.tbl

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PLOT DATE = 9/9/2022 (12:22:45 PM)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

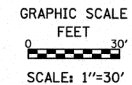
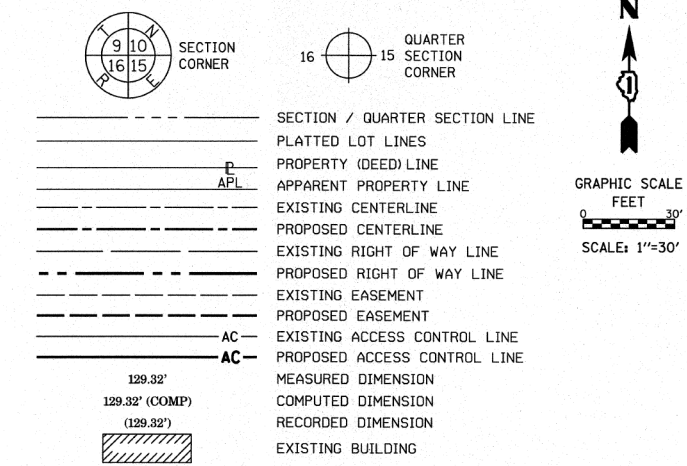
**PLAT OF HIGHWAYS  
LARAWAY ROAD**

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	221
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	

PART OF THE SE 1/4 OF SEC. 29 AND PART OF THE NE 1/4 OF SEC. 32, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

**LEGEND**



CURVE DATA PROPOSED CENTERLINE CURVE 1 - LARAWAY ROAD		CURVE DATA PROPOSED CENTERLINE CURVE 2 - LARAWAY ROAD	
Δ = 02°48'16"	D = 00°51'14"	Δ = 02°30'00"	D = 00°51'14"
R = 6710.00'	L = 328.44'	R = 6710.00'	L = 292.78'
T = 164.25'	E = 2.01'	T = 146.41'	E = 1.60'
(2124) PC STA. 135+46.68 N. 1,754,273.6512 E. 1,077,538.5355	PI STA. 137+10.94 N. 1,754,278.6429 E. 1,077,702.7140	(2126) PC STA. 139+54.04 N. 1,754,274.1314 E. 1,077,945.8407	PI STA. 141+00.45 N. 1,754,271.4151 E. 1,078,092.2282
(2125) PT STA. 138+75.13 N. 1,754,275.5955 E. 1,077,866.9401		(2128) PT STA. 142+46.82 N. 1,754,275.0867 E. 1,078,238.5949	

PROJECT COORDINATES  
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)  
 COORDINATE TABLE ~ LARAWAY ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
685	133+35.56	75.00' LT.	1,754,342.2005	1,077,325.2355
171	133+35.75	25.00' RT.	1,754,292.2296	1,077,326.9241
883	133+35.87	75.00' RT.	1,754,252.2515	1,077,328.2750
694	133+42.00	75.00' LT.	1,754,348.0883	1,077,551.7360
695	137+26.00	350.00' LT.	1,754,628.7028	1,077,716.5373
705	138+29.27	60.03' RT.	1,754,216.2596	1,077,820.3836
692	139+17.18	360.00' LT.	1,754,634.7533	1,077,915.6693
373	139+33.80	42.77' LT.	1,754,317.2710	1,077,926.3976
693	139+36.42	7.16' RT.	1,754,267.2976	1,077,928.0863
706	139+79.58	59.96' RT.	1,754,213.7492	1,077,970.4938
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0001	9.929	0.307	0.551	6.872			15-08-29-400-013
0003	0.771	0.177	0.138	0.594			15-08-32-200-002

- IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAN ARE GROUND.

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF WILL )

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 29 AND 32, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

*David A. Claassen* VICE PRESIDENT  
 DAVID A. CLAASSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
 LICENSE EXPIRES NOVEMBER 30, 2020  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



**CWA**  
 SURVEY  
**CLAASSEN, WHITE & ASSOCIATES, P.C.**  
 LAND SURVEYORS  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 cwa@cwawill.com  
 CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
 SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
 STA. 133+30 TO STA. 139+80  
 SCALE: 1" = 30' SHEET 2 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

**DOT USE ONLY**

PLOT DRIVER: PENTABLE  
 PLOT SCALE: 2,000.0' / IN.  
 PLOT DATE: 9/9/2022 (12:23:25 PM)  
 USER NAME: L:\MILL\CO117204-01\Draw\CADD\_Sheet6.dwg  
 DIRECTORY: License No. 184-00813 Copyright CMT, Inc.

PART OF THE NE 1/4 OF SEC. 32, IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND

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

IRON PIPE OR RCD FOUND  
CUT CROSS FOUND OR SET  
STAKING OF PROPOSED RIGHT OF WAY...  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS...  
PERMANENT SURVEY MARKER...  
RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 29 AND 32, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

David A. Claassen VICE PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CURVE DATA  
PROPOSED CENTERLINE  
CURVE 1 - LARAWAY ROAD

Δ = 02°48'16"  
D = 00°51'14"  
R = 6710.00'  
L = 328.44'  
T = 164.25'  
E = 2.01'

(2124) PC STA. 135+46.68  
N. 1,754,273.6512 E. 1,077,538.5355

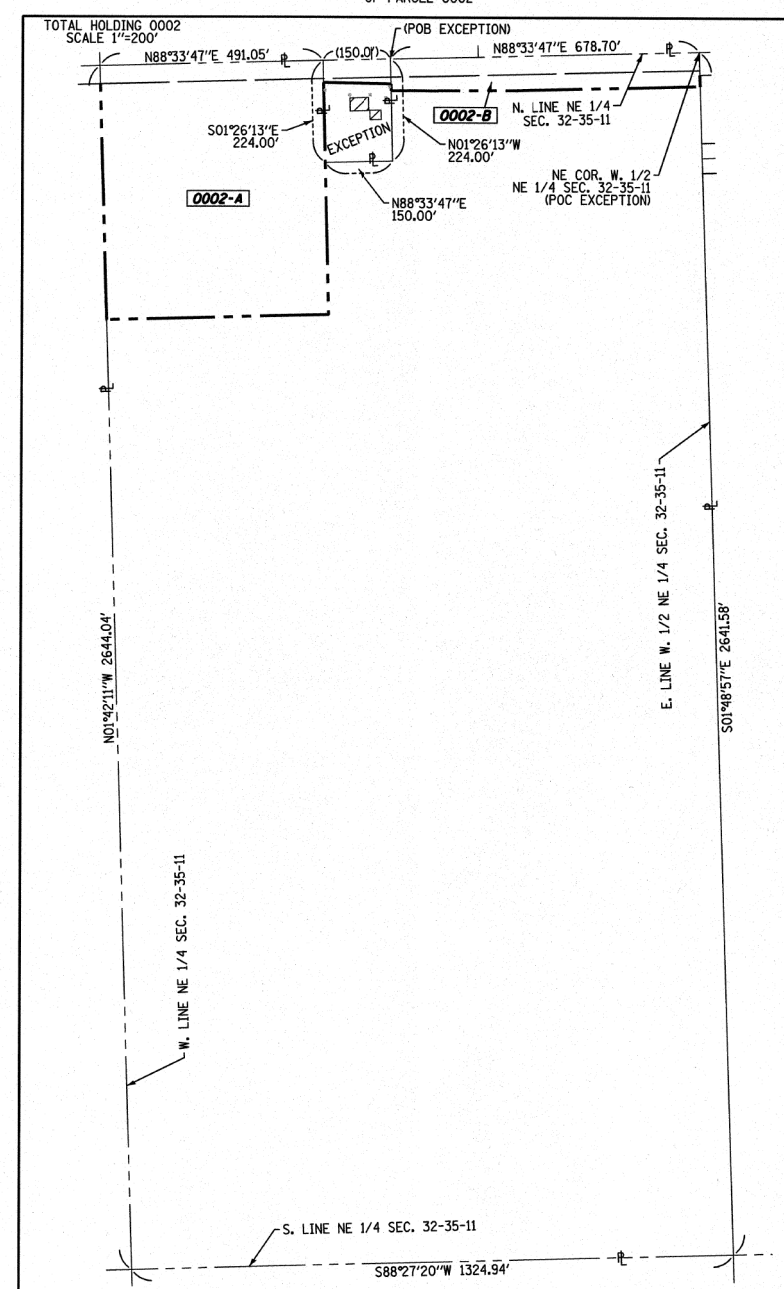
PI STA. 137+10.94  
N. 1,754,278.6429 E. 1,077,702.7140

(2125) PT STA. 138+75.13  
N. 1,754,275.5955 E. 1,077,866.9401

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

COORDINATE TABLE ~ LARAWAY ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
703	133+35.50	572.40' RT.	1,753,695.0978	1,077,344.8419
186	133+35.84	55.00' RT.	1,754,212.2890	1,077,189.4639
883	133+35.87	15.00' RT.	1,754,252.2815	1,077,328.2750
705	138+29.27	60.03' RT.	1,754,216.2596	1,077,820.3836
704	138+49.73	568.73' RT.	1,753,707.3468	1,077,833.1496
884	139+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0002-A	79.455	6.267	0.451	72.035			15-08-32-200-004
0002-B		1.153	0.623				

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DESIGNED - JMS  
DRAWN - PML  
CHECKED - JMS  
DATE - 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS  
LARAWAY ROAD

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

PLAT OF HIGHWAYS  
WILL COUNTY  
DIVISION OF TRANSPORTATION  
LARAWAY ROAD (CH 74)

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
STA. 133+35 TO STA. 138+80  
SCALE: 1" = 30' SHEET 3 OF 11 SHEETS

WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, ILLINOIS 60433

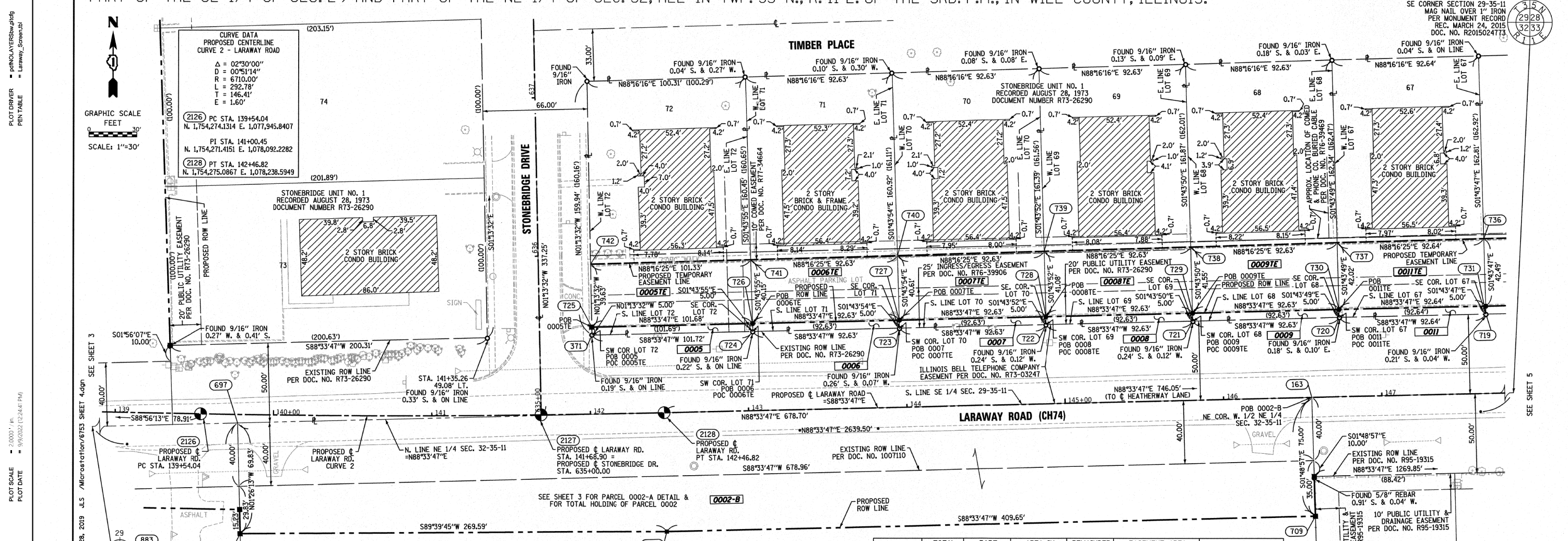
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	223

CONTRACT NO. 61H20

ILLINOIS FED. AID PROJECT

PART OF THE SE 1/4 OF SEC. 29 AND PART OF THE NE 1/4 OF SEC. 32, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

SE CORNER SECTION 29-35-11  
MAG NAIL OVER 1" IRON  
PER MONUMENT RECORD  
REC. MARCH 24, 2015  
DOC. NO. R2015024773



PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011) COORDINATE TABLE ~ LARAWAY ROAD

PT.NO.	STATION	OFFSET	NORTHING	EASTING	PT.NO.	STATION	OFFSET	NORTHING	EASTING
883	133+35.87	15.00' RT.	1,754,252.2515	1,077,328.2750	728	144+89.04	55.00' LT.	1,754,336.1436	1,078,479.3636
697	139+77.41	5.41' RT.	1,754,268.3271	1,077,969.1247	722	144+89.07	50.00' LT.	1,754,331.1458	1,078,479.5147
707	139+80.18	75.18' RT.	1,754,198.5218	1,077,970.8757	738	145+81.46	96.53' LT.	1,754,379.9984	1,078,570.7097
742	142+01.81	94.48' LT.	1,754,368.5732	1,078,191.6671	729	145+81.67	55.00' LT.	1,754,338.4665	1,078,571.9645
725	142+01.74	54.85' LT.	1,754,328.9481	1,078,192.5148	721	145+81.70	50.00' LT.	1,754,333.4687	1,078,572.1156
371	142+01.75	49.85' LT.	1,754,323.9492	1,078,192.6218	163	146+55.96	0.00' RT.	1,754,285.3468	1,078,647.6113
708	142+46.81	75.00' RT.	1,754,200.1102	1,078,240.4646	709	146+56.46	75.00' RT.	1,754,210.3830	1,078,649.9878
741	143+03.58	95.15' LT.	1,754,371.6260	1,078,292.9484	737	146+74.09	97.02' LT.	1,754,382.7892	1,078,663.2967
726	143+03.78	55.00' LT.	1,754,331.4979	1,078,294.1618	730	146+74.30	55.00' LT.	1,754,340.7893	1,078,664.5655
724	143+03.81	50.00' LT.	1,754,326.5001	1,078,294.3129	720	146+74.33	50.00' LT.	1,754,335.7916	1,078,664.7164
740	143+96.20	95.61' LT.	1,754,374.4168	1,078,385.5355	736	147+66.73	97.49' LT.	1,754,385.5803	1,078,755.8938
727	143+96.41	55.00' LT.	1,754,333.8207	1,078,386.7627	731	147+66.94	55.00' LT.	1,754,343.1125	1,078,757.1764
723	143+96.44	50.00' LT.	1,754,328.8229	1,078,386.9138	719	147+66.97	50.00' LT.	1,754,338.1147	1,078,757.3273
739	144+88.83	96.08' LT.	1,754,377.2076	1,078,478.1226	884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
0002-A	SEE SHEET 3	-	-	-	-	-
0002-B	SEE SHEET 3	-	-	-	-	-
0005	0.372	0.012	-	0.360	0.093	15-08-29-404-001
0005TE	-	-	-	-	-	-
0006	0.342	0.011	-	0.331	0.086	15-08-29-404-002
0006TE	-	-	-	-	-	-
0007	0.343	0.011	-	0.332	0.087	15-08-29-404-003
0007TE	-	-	-	-	-	-
0008	0.344	0.011	-	0.333	0.088	15-08-29-404-004
0008TE	-	-	-	-	-	-
0009	0.345	0.011	-	0.334	0.089	15-08-29-404-005
0009TE	-	-	-	-	-	-
0011	0.346	0.011	-	0.335	0.090	15-08-29-404-006
0011TE	-	-	-	-	-	-

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011) COORDINATE TABLE ~ STONEBRIDGE DRIVE

PT.NO.	STATION	OFFSET	NORTHING	EASTING
371	635+49.67	33.00' RT.	1,754,323.9492	1,078,192.6218
725	635+54.67	33.00' RT.	1,754,328.9481	1,078,192.5148
742	635+94.30	33.00' RT.	1,754,368.5732	1,078,191.6671

**LEGEND**

- IRON PIPE OR ROD FOUND
- ⊕ \*MAG\* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011). "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999956. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 29 AND 32, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

*David A. Claassen* VICE PRESIDENT  
DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



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

**IDOT USE ONLY**

**CWA** SURVEY  
**CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS**  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 cwhite@cwawill.com cwajob@cwawill.com

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
STA. 139+00 TO STA. 147+75  
SCALE: 1" = 30' SHEET 4 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

<b>CMT</b> License No. 184-000813	FILE NAME = sht-POH-04.dgn	DESIGNED - JMS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	REVISION DATE: / / REVISION MADE BY:	<b>PLAT OF HIGHWAYS</b> <b>LARAWAY ROAD</b>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = Default	DRAWN - PML	REVISED -				0320	13-00138-37-PV	WILL	413	224
PLOT SCALE = 2,000' = 1 IN.	CHECKED - JMS	REVISED -		SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		CONTRACT NO. 61H20		
PLOT DATE = 09/09/2022	DATE = 09/09/2022	REVISED -									



PART OF THE SE 1/4 OF SEC. 29, IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0013	0.347	0.011		0.336			15-08-29-404-007
0013TE					0.091		
0015	0.375	0.011		0.364			15-08-29-404-008
0015TE					0.099		
0018	0.722	0.062		0.660			15-08-29-405-046-1011 THRU 15-08-29-405-055-1020

\* TOTAL HOLDING ACREAGE IS ALL OF LOT 36, INCLUDING BUILDING AND COMMON ELEMENTS.

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

COORDINATE TABLE ~ LARAWAY ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
883	133+35.87	15.00' RT.	1,754,252.2515	1,077,328.2750
736	147+66.73	97.49' LT.	1,754,385.5803	1,078,755.8938
731	147+66.94	55.00' LT.	1,754,343.1125	1,078,757.1764
719	147+66.97	50.00' LT.	1,754,338.1147	1,078,757.3273
735	148+59.36	97.95' LT.	1,754,388.3714	1,078,848.4909
732	148+59.58	55.00' LT.	1,754,345.4356	1,078,849.7875
718	148+59.61	50.00' LT.	1,754,340.4378	1,078,849.9382
734	149+59.36	98.48' LT.	1,754,391.3842	1,078,948.4446
733	149+59.58	55.00' LT.	1,754,347.9433	1,078,949.7559
370	149+59.61	50.00' LT.	1,754,342.9455	1,078,949.9067
2171	149+92.86	0.00' RT.	1,754,293.7952	1,078,984.4053
763	150+25.47	78.00' LT.	1,754,372.5877	1,079,015.0420
369	150+25.61	50.00' LT.	1,754,344.6006	1,079,015.8868
764	150+45.61	58.00' LT.	1,754,353.0996	1,079,035.6799
765	153+37.92	58.00' LT.	1,754,360.4298	1,079,327.8978
766	153+37.96	50.00' LT.	1,754,352.4334	1,079,328.1391
884	159+75.72	0.00' LT.	1,754,318.4420	1,079,966.9475

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

COORDINATE TABLE ~ HEATHERWAY LANE

PT. NO.	STATION	OFFSET	NORTHING	EASTING
2171	690+00.00	0.00' RT.	1,754,293.7952	1,078,984.4053
369	690+49.83	33.00' RT.	1,754,344.6006	1,079,015.8868
370	690+50.17	33.00' LT.	1,754,342.9455	1,078,949.9067
733	690+55.17	33.00' LT.	1,754,347.9433	1,078,949.7559
763	690+77.83	33.00' RT.	1,754,372.5877	1,079,015.0420
734	690+98.63	33.00' LT.	1,754,391.3842	1,078,948.4446

LEGEND

SECTION CORNER 16 15 SECTION CORNER

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

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET  
 STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)  
 RIGHT OF WAY STAKING PROPOSED TO BE SET

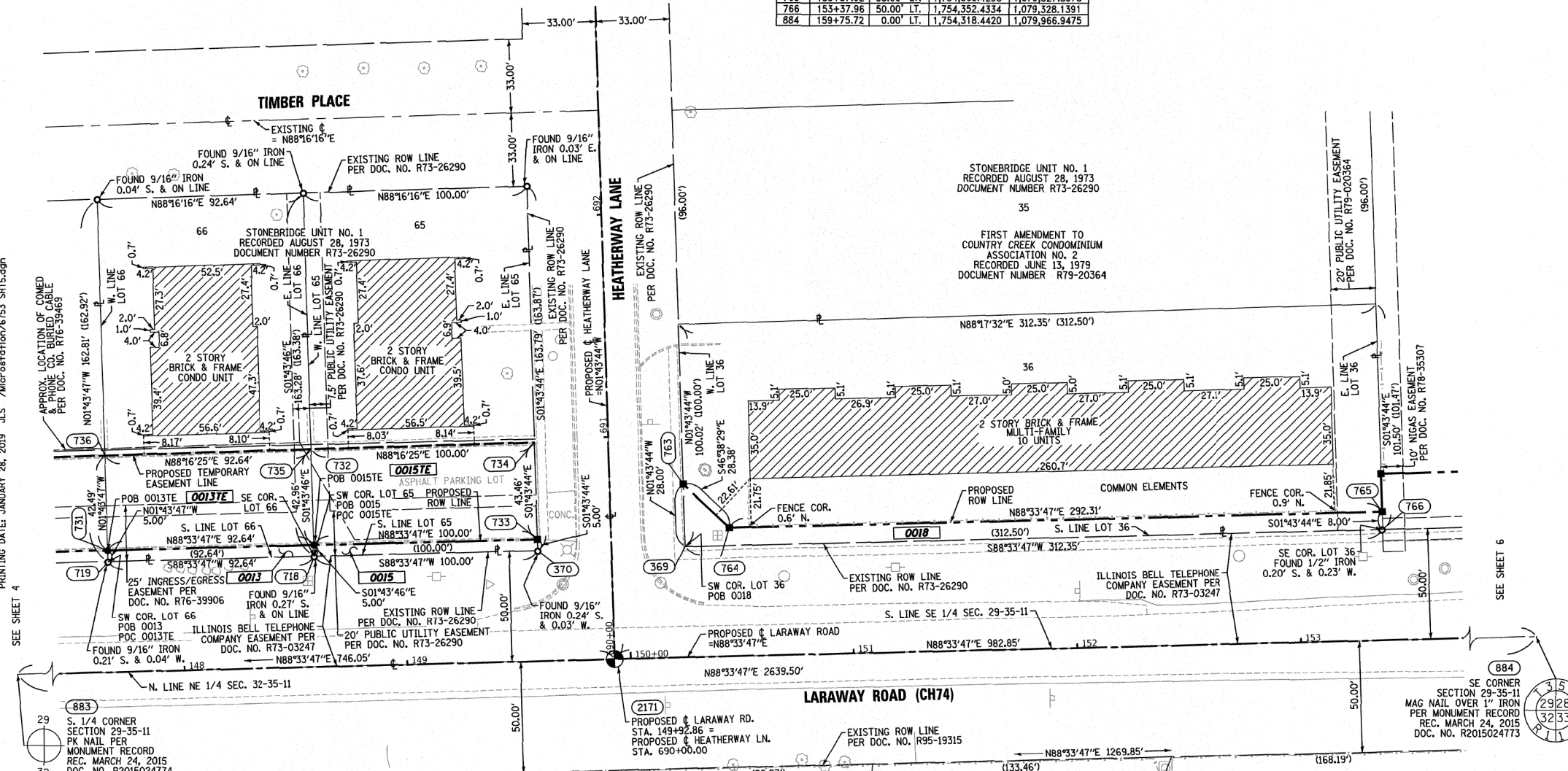
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011). "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS )  
 COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 29, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

David A. Claassen VICE PRESIDENT  
 DAVID A. CLAASSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
 LICENSE EXPIRES NOVEMBER 30, 2020  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PLOT DRIVER = LARAWAY\_SCREEN.DWG  
 PENTABLE =

PLOT SCALE = 2.0000' / IN  
 PLOT DATE = 9/9/2022 (12:25:19 PM)

USER NAME = Mikes Moos  
 DIRECTORY = L:\WILL\CO117204-01\Draw\CADD\_Sheets\



FILE NAME	= sht-POH-05.dgn
MODEL NAME	= Default
PLOT SCALE	= 2.0000' / IN
PLOT DATE	= 9/9/2022 - 12:25:19 PM

DESIGNED	- JMS	REVISED	-
DRAWN	- PML	REVISED	-
CHECKED	- JMS	REVISED	-
DATE	- 09/09/2022	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REVISION DATE: / / REVISION MADE BY:

PLAT OF HIGHWAYS  
 LARAWAY ROAD

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

CWA SURVEY  
 CLAASSEN, WHITE & ASSOCIATES, P.C.  
 LAND SURVEYORS  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 claassenwhite@cwasurevey.com  
 CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
 SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
 STA. 147+60 TO STA. 153+50  
 SCALE: 1" = 30' SHEET 5 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	225
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PART OF THE SE 1/4 OF SEC. 29 AND PART OF THE NE 1/4 OF SEC. 32, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

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

129.32'  
129.32' (COMP)  
(129.32')

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCOOT)  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS  
COUNTY OF WILL ) SS

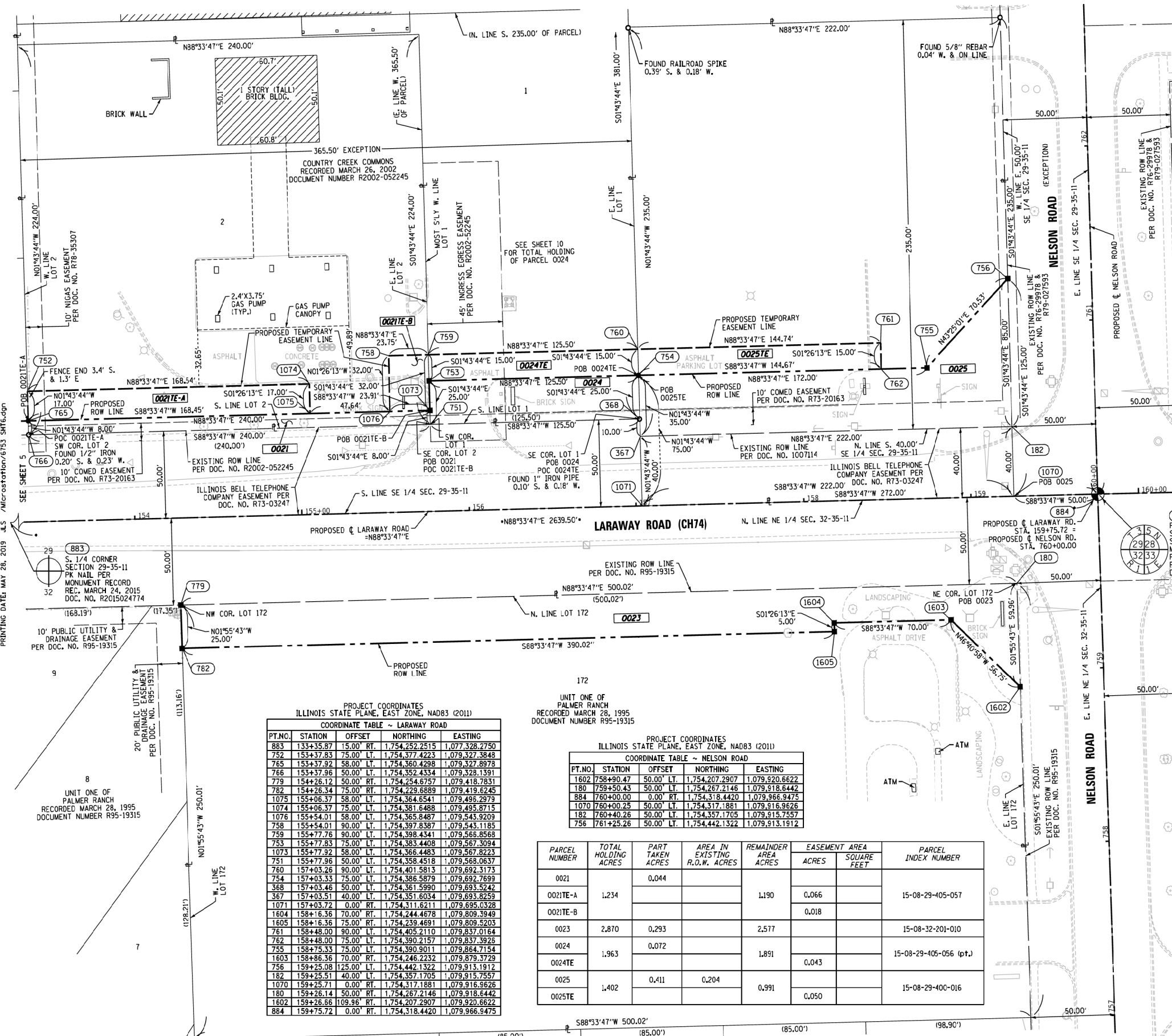
THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 29 AND 32, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019 A.D.

DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

VICE PRESIDENT

DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES  
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)  
COORDINATE TABLE ~ LARAWAY ROAD

PT.NO.	STATION	OFFSET	NORTHING	EASTING
883	133+35.87	15.00' RT.	1,754,252.2515	1,077,328.2750
752	153+37.83	75.00' LT.	1,754,377.4223	1,079,327.3848
765	153+37.92	58.00' LT.	1,754,360.4298	1,079,327.8978
766	153+37.96	50.00' LT.	1,754,352.4334	1,079,328.1391
779	154+26.12	50.00' RT.	1,754,254.6757	1,079,418.7831
782	154+26.34	75.00' RT.	1,754,229.6889	1,079,419.6245
1075	155+06.37	58.00' LT.	1,754,364.6541	1,079,496.2979
1074	155+06.37	75.00' LT.	1,754,381.6488	1,079,495.8713
1076	155+54.01	58.00' LT.	1,754,385.9487	1,079,543.9209
758	155+54.01	90.00' LT.	1,754,397.8387	1,079,543.1185
759	155+77.76	90.00' LT.	1,754,398.4341	1,079,566.8568
753	155+77.83	75.00' LT.	1,754,383.4408	1,079,567.3094
1073	155+77.92	58.00' LT.	1,754,366.4483	1,079,567.8223
751	155+77.96	50.00' LT.	1,754,358.4518	1,079,568.0637
760	157+03.26	90.00' LT.	1,754,401.5813	1,079,692.3173
754	157+03.33	75.00' LT.	1,754,386.5879	1,079,692.7699
368	157+03.46	50.00' LT.	1,754,361.5990	1,079,693.5242
367	157+03.51	40.00' LT.	1,754,351.6034	1,079,693.8259
1071	157+03.72	0.00' RT.	1,754,311.6211	1,079,695.0328
1604	158+16.36	70.00' RT.	1,754,244.4678	1,079,809.3949
1605	158+16.36	75.00' RT.	1,754,239.4691	1,079,809.8703
761	158+48.00	90.00' LT.	1,754,405.2140	1,079,837.0164
762	158+48.00	75.00' LT.	1,754,390.2157	1,079,837.3925
755	158+75.33	75.00' LT.	1,754,390.9011	1,079,864.7154
1603	158+86.36	70.00' RT.	1,754,246.2232	1,079,879.3729
756	159+25.08	125.00' LT.	1,754,442.1322	1,079,913.1912
182	159+25.51	40.00' LT.	1,754,357.1705	1,079,915.7557
1070	159+25.71	0.00' RT.	1,754,317.1881	1,079,916.9626
180	159+26.14	50.00' RT.	1,754,267.2146	1,079,918.6442
1602	159+26.66	109.96' RT.	1,754,207.2907	1,079,920.6622
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475

PROJECT COORDINATES  
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)  
COORDINATE TABLE ~ NELSON ROAD

PT.NO.	STATION	OFFSET	NORTHING	EASTING
1602	758+90.47	50.00' LT.	1,754,207.2907	1,079,920.6622
180	759+50.43	50.00' LT.	1,754,267.2146	1,079,918.6442
884	760+00.00	0.00' RT.	1,754,318.4420	1,079,966.9475
1070	760+00.25	50.00' LT.	1,754,317.1881	1,079,916.9626
182	760+40.26	50.00' LT.	1,754,317.1705	1,079,915.7557
756	761+25.26	50.00' LT.	1,754,442.1322	1,079,913.1912

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0021		0.044					
0021TE-A	1.234			1.190	0.066		15-08-29-405-057
0021TE-B					0.018		
0023	2.870	0.293		2.577			15-08-32-201-010
0024		0.072		1.891			
0024TE	1.963				0.043		15-08-29-405-056 (pt.)
0025		0.411	0.204				
0025TE	1.402			0.991	0.050		15-08-29-400-016

PLOT DRIVER = P:\PLOTDRIVER\Plotting\_Pentable = L:\MILL\COIT\7204-01\Draw\CADD\_Sheets\...  
PLOT SCALE = 2,000.00' IN. = 9/9/2022 (12:25:58 PM)  
PRINTING DATE: MAY 28, 2019 JLS \MicroStation\6753 SH76.dgn  
USER NAME = Mike Moss  
DIRECTORY = L:\MILL\COIT\7204-01\Draw\CADD\_Sheets\...



FILE NAME = sht-POH-06.dgn  
MODEL NAME = Default  
PLOT SCALE = 2,000.00' IN.  
PLOT DATE = 9/9/2022 - 12:25:58 PM

DESIGNED - JMS  
DRAWN - PML  
CHECKED - JMS  
DATE = 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REVISION DATE: 05/20/2019 REVISION MADE BY: JLS REVISED PARCEL 0021

PLAT OF HIGHWAYS  
LARAWAY ROAD

DOT USE ONLY

WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, ILLINOIS 60433

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	226
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

PART OF THE SW 1/4 OF SEC. 28 AND PART OF THE NW 1/4 OF SEC. 33, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

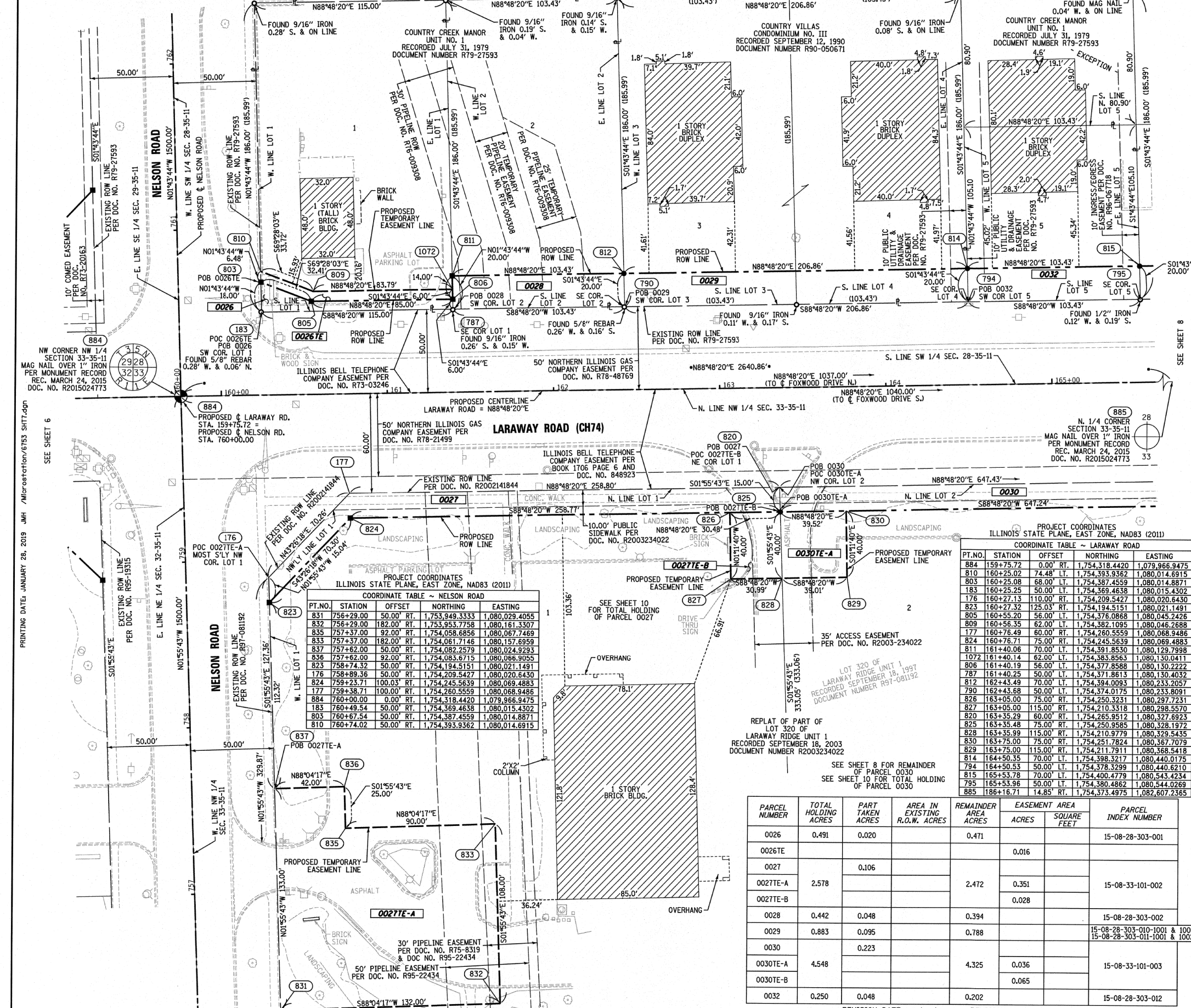
**LEGEND**

SECTION CORNER 16 QUARTER SECTION CORNER

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

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET  
 STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)  
 RIGHT OF WAY STAKING PROPOSED TO BE SET

GRAPHIC SCALE  
 FEET  
 SCALE: 1"=30'



COORDINATE TABLE ~ NELSON ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
831	756+29.00	50.00' RT.	1,753,949.3333	1,080,029.4055
832	756+29.00	182.00' RT.	1,753,953.7758	1,080,161.3307
835	757+37.00	92.00' RT.	1,754,058.6856	1,080,067.7469
833	757+37.00	182.00' RT.	1,754,061.7146	1,080,157.6959
837	757+62.00	50.00' RT.	1,754,082.2579	1,080,024.9293
836	757+62.00	92.00' RT.	1,754,083.6715	1,080,066.9055
823	758+74.32	50.00' RT.	1,754,194.5151	1,080,021.1491
176	758+89.36	50.00' RT.	1,754,209.5427	1,080,020.6430
824	759+23.71	100.03' RT.	1,754,245.5639	1,080,069.4883
177	759+38.71	100.00' RT.	1,754,260.5559	1,080,068.9486
884	760+00.00	0.00' RT.	1,754,318.4420	1,079,966.9475
803	760+49.54	50.00' RT.	1,754,369.4638	1,080,015.4302
803	760+67.54	50.00' RT.	1,754,387.4559	1,080,014.8871
810	760+74.02	50.00' RT.	1,754,393.9362	1,080,014.6915

COORDINATE TABLE ~ LARAWAY ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475
810	160+25.02	74.48' LT.	1,754,393.9362	1,080,014.6915
803	160+25.08	68.00' LT.	1,754,387.4559	1,080,014.8871
183	160+25.25	50.00' LT.	1,754,369.4638	1,080,015.4302
176	160+27.13	110.00' RT.	1,754,209.5427	1,080,020.6430
823	160+27.32	125.03' RT.	1,754,194.5151	1,080,021.1491
805	160+55.20	56.00' LT.	1,754,376.0868	1,080,045.2428
809	160+55.35	62.00' LT.	1,754,382.1095	1,080,046.2888
177	160+76.49	60.00' RT.	1,754,260.5559	1,080,068.9486
824	160+76.71	75.00' RT.	1,754,245.5639	1,080,069.4883
811	161+40.06	70.00' LT.	1,754,391.8530	1,080,129.7998
1072	161+40.14	62.00' LT.	1,754,383.8563	1,080,130.0411
806	161+40.19	56.00' LT.	1,754,377.8588	1,080,130.2222
787	161+40.25	50.00' LT.	1,754,371.8613	1,080,130.4032
812	162+43.49	70.00' LT.	1,754,394.0093	1,080,233.2057
790	162+43.68	50.00' LT.	1,754,374.0175	1,080,233.8091
826	163+05.00	75.00' RT.	1,754,250.3231	1,080,297.7231
827	163+05.00	115.00' RT.	1,754,210.3318	1,080,298.5570
820	163+35.29	60.00' RT.	1,754,265.9512	1,080,327.6923
825	163+35.48	75.00' RT.	1,754,250.9585	1,080,328.1972
828	163+35.99	115.00' RT.	1,754,210.9779	1,080,329.5435
830	163+75.00	75.00' RT.	1,754,251.7824	1,080,367.7079
829	163+75.00	115.00' RT.	1,754,211.7911	1,080,368.5418
814	164+50.35	70.00' LT.	1,754,398.3217	1,080,440.0175
794	164+50.53	50.00' LT.	1,754,378.3299	1,080,440.6210
815	165+53.78	70.00' LT.	1,754,400.4779	1,080,543.4234
795	165+53.96	50.00' LT.	1,754,380.4862	1,080,544.0269
865	186+16.71	14.85' RT.	1,754,373.4975	1,082,807.2365

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0026	0.491	0.020		0.471			15-08-28-303-001
0026TE					0.016		
0027		0.106					
0027TE-A	2.578			2.472	0.351		15-08-33-101-002
0027TE-B					0.028		
0028	0.442	0.048		0.394			15-08-28-303-002
0029	0.883	0.095		0.788			15-08-28-303-010-1001 & 1002 15-08-28-303-011-1001 & 1002
0030		0.223					
0030TE-A	4.548			4.325	0.036		15-08-33-101-003
0030TE-B					0.065		
0032	0.250	0.048		0.202			15-08-28-303-012

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF WILL )

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 28 AND 33, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28th DAY OF JANUARY, 2019 A.D.

*David A. Claassen* VICE PRESIDENT  
 DAVID A. CLAASSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
 LICENSE EXPIRES NOVEMBER 30, 2020  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**CWA SURVEY**  
**CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS**  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 claassenwhite@cwasurevey.com  
 CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
 SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
 STA. 159+50 TO STA. 165+55  
 SCALE: 1" = 30' SHEET 7 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
 16841 W. LARAWAY ROAD  
 JOLIET, ILLINOIS 60433

PART OF THE SW 1/4 OF SEC. 28 AND PART OF THE NW 1/4 OF SEC. 33, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

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

COORDINATE TABLE ~ FOXWOOD DRIVE NORTH

PT. NO.	STATION	OFFSET	NORTHING	EASTING
2173	840+00.00	0.00' RT.	1,754,340.0609	1,081,003.7207
514	840+49.69	33.00' RT.	1,754,390.7283	1,081,035.2063
513	840+50.31	33.00' LT.	1,754,389.3523	1,080,969.2178
819	840+70.31	33.00' LT.	1,754,409.3441	1,080,968.6144
847	840+75.69	33.00' RT.	1,754,416.7167	1,081,034.4219

CURVE DATA  
PROPOSED CENTERLINE  
CURVE 1 - FOXWOOD DRIVE SOUTH

Δ = 159°23'11"  
D = 1479'26"  
R = 400.00'  
L = 106.18'  
T = 53.40'  
E = 3.55'

(2157) PC STA. 827+01.71  
N. 1,754,042.8523 E. 1,080,998.9113

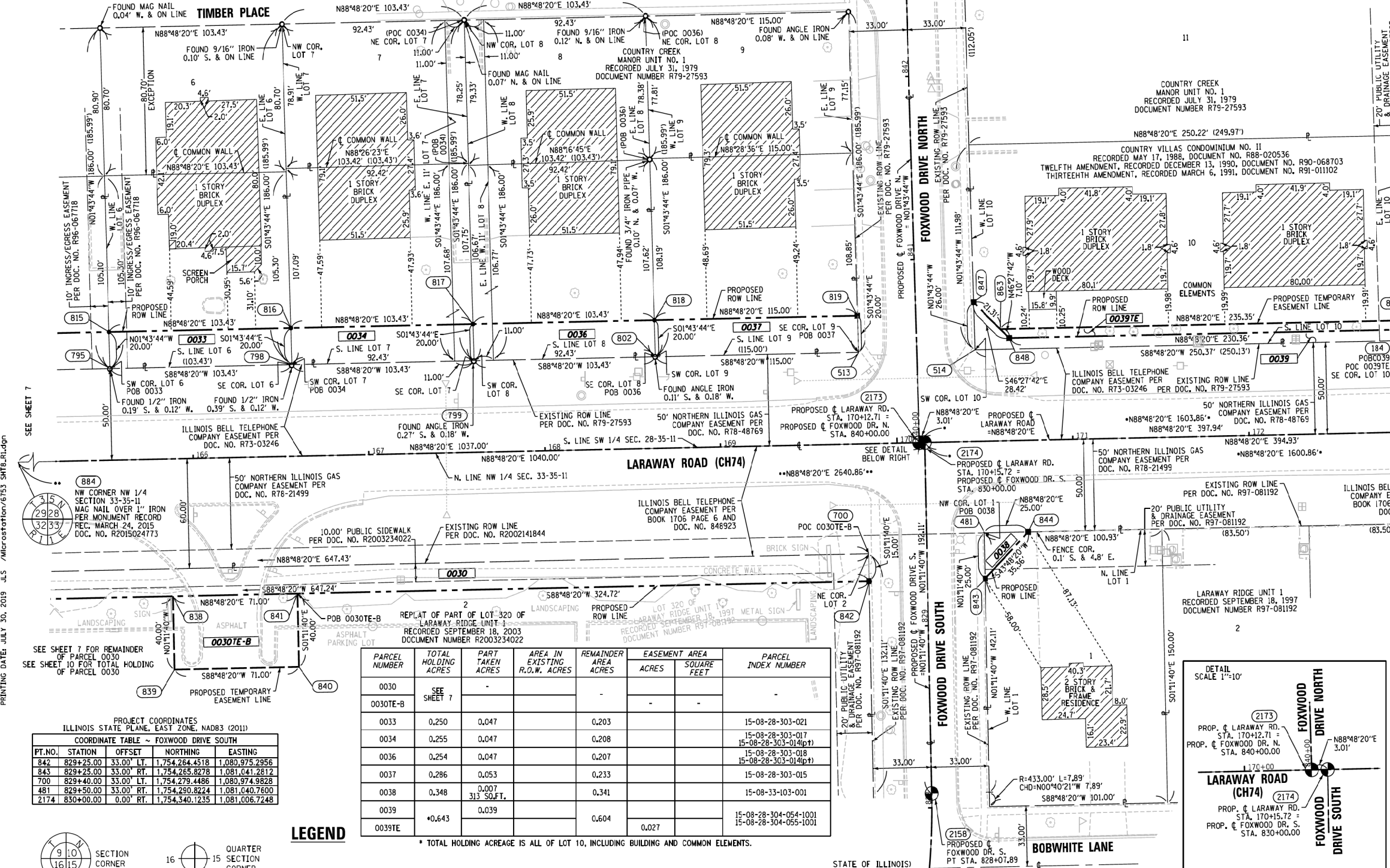
PI STA. 827+55.12  
N. 1,754,094.6649 E. 1,081,011.8431

(2158) PT STA. 828+07.89  
N. 1,754,148.0553 E. 1,081,010.7298

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

COORDINATE TABLE ~ LARAWAY ROAD

PT. NO.	STATION	OFFSET	NORTHING	EASTING
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475
815	165+53.78	70.00' LT.	1,754,400.4779	1,080,543.4234
795	165+53.96	50.00' LT.	1,754,380.4862	1,080,544.0269
838	165+87.00	75.00' RT.	1,754,256.2020	1,080,579.5934
839	166+87.00	115.00' RT.	1,754,215.2107	1,080,580.4933
816	166+57.20	70.00' LT.	1,754,402.6342	1,080,646.8294
798	166+57.39	50.00' LT.	1,754,382.6424	1,080,647.4328
840	166+58.00	115.00' RT.	1,754,217.6909	1,080,651.4779
841	166+58.00	75.00' RT.	1,754,257.6822	1,080,650.6440
817	167+60.63	70.00' LT.	1,754,404.7904	1,080,750.2353
799	167+60.82	50.00' LT.	1,754,384.7988	1,080,750.8387
818	168+64.06	70.00' LT.	1,754,406.9466	1,080,853.6412
802	168+64.25	50.00' LT.	1,754,386.9549	1,080,854.2447
819	169+79.06	70.00' LT.	1,754,408.3441	1,080,968.6144
513	169+79.25	50.00' LT.	1,754,389.3523	1,080,969.2178
842	169+82.72	75.00' RT.	1,754,264.4518	1,080,975.2956
700	169+82.72	60.00' RT.	1,754,273.4486	1,080,974.9829
2173	170+12.71	0.00' RT.	1,754,340.0609	1,081,003.7207
2174	170+15.72	0.00' RT.	1,754,340.1235	1,081,006.7248
847	170+45.01	75.00' RT.	1,754,416.7167	1,081,034.4219
514	170+45.25	50.00' LT.	1,754,390.7283	1,081,035.2063
481	170+48.72	50.00' RT.	1,754,290.8224	1,081,040.7600
843	170+48.72	75.00' RT.	1,754,265.8278	1,081,041.2812
863	170+60.15	61.00' LT.	1,754,402.0635	1,081,049.8710
848	170+65.19	56.00' LT.	1,754,397.1428	1,081,055.0210
844	170+73.72	50.00' RT.	1,754,291.3435	1,081,065.7546
888	172+95.50	61.00' LT.	1,754,406.9430	1,081,285.1332
849	172+95.55	56.00' LT.	1,754,401.9452	1,081,285.3305
184	172+95.62	50.00' LT.	1,754,395.9478	1,081,285.5192
885	186+18.71	14.85' RT.	1,754,373.4973	1,082,607.2365



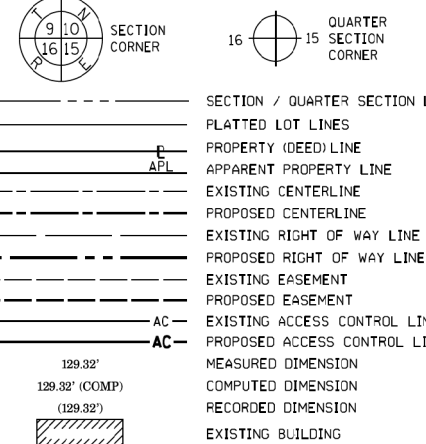
PROJECT COORDINATES  
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

COORDINATE TABLE ~ FOXWOOD DRIVE SOUTH

PT. NO.	STATION	OFFSET	NORTHING	EASTING
842	829+25.00	33.00' LT.	1,754,264.4518	1,080,975.2956
843	829+25.00	33.00' RT.	1,754,265.8278	1,081,041.2812
700	829+40.00	33.00' LT.	1,754,279.4486	1,080,974.9828
481	829+50.00	33.00' RT.	1,754,290.8224	1,081,040.7600
2174	830+00.00	0.00' RT.	1,754,340.1235	1,081,006.7248

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0030	SEE SHEET 7	-	-	-	-	-	-
0030TE-B	SEE SHEET 7	-	-	-	-	-	-
0033	0.250	0.047	-	0.203	-	-	15-08-28-303-021
0034	0.255	0.047	-	0.208	-	-	15-08-28-303-017
0036	0.254	0.047	-	0.207	-	-	15-08-28-303-014(p)
0037	0.286	0.053	-	0.233	-	-	15-08-28-303-018
0038	0.348	0.007	313 SQ.FT.	0.341	-	-	15-08-33-103-001
0039	*0.643	0.039	-	0.604	-	-	15-08-28-304-054-1001
0039TE	*0.643	0.039	-	0.604	0.027	-	15-08-28-304-055-1001

\* TOTAL HOLDING ACREAGE IS ALL OF LOT 10, INCLUDING BUILDING AND COMMON ELEMENTS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- \*MAG\* NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

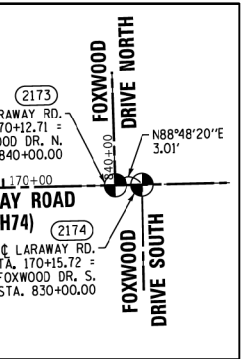
STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 28 AND 33, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019 A.D.

\_\_\_\_\_  
VICE PRESIDENT

DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY  
CLAASSEN, WHITE & ASSOCIATES, P.C.  
LAND SURVEYORS  
1251 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 cwa@cwasurevey.com  
CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO COUNTY: WILL  
STONEBRIDGE DRIVE JOB NO.: R-55-001-97  
SECTION: 13-00138-37-PV TO STA. 173+00  
STA. 165+50 TO STA. 173+00  
SCALE: 1" = 30' SHEET 8 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

PART OF THE SW 1/4 OF SEC. 28, IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PLOT DRIVER  
PENTABLE  
= L:\MILL\CO11704-01\Draw\CADD\_Sheet.dwg

PLOT SCALE  
PLOT DATE  
= 2,000' / IN  
= 9/9/2022 (12:27:07 PM)

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\CO11704-01\Draw\CADD\_Sheet.dwg

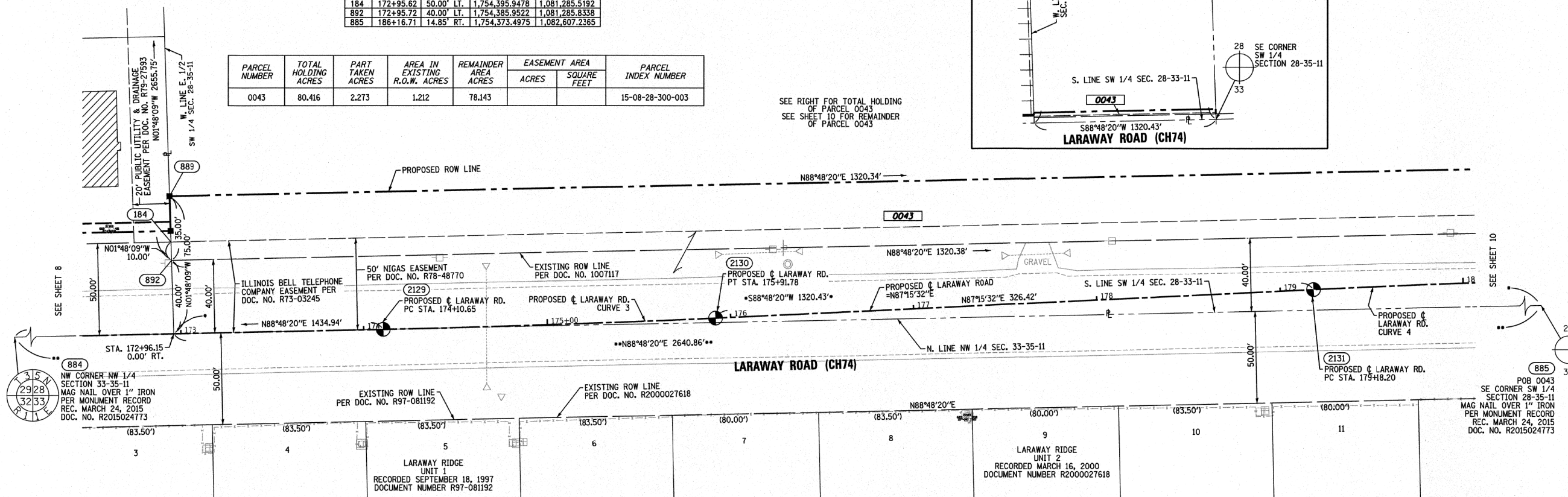
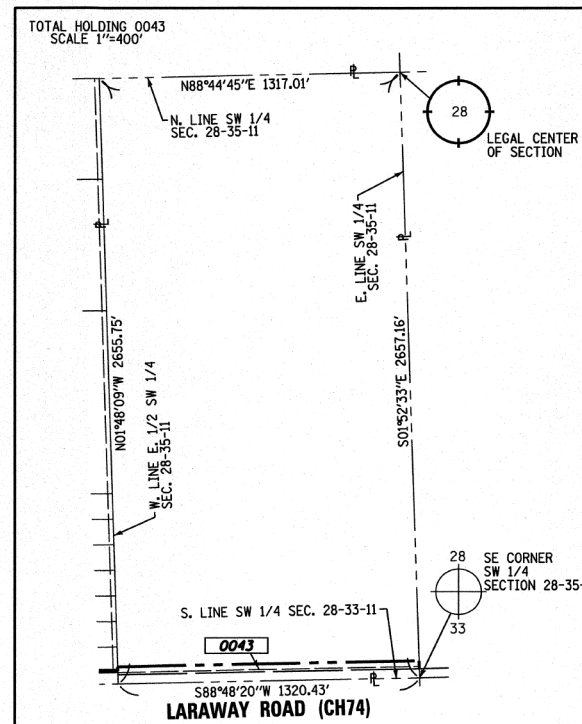
CURVE DATA PROPOSED CENTERLINE CURVE 3 - LARAWAY ROAD	
Δ = 01°32'48"	
D = 00°51'14"	
R = 6710.00'	
L = 181.13'	
T = 90.57'	
E = 0.61'	
(2129) PC STA. 174+10.65	
N. 1,754,348.3569 E. 1,081,401.5708	
PI STA. 175+01.22	
N. 1,754,350.2450 E. 1,081,492.1196	
(2130) PT STA. 175+91.78	
N. 1,754,354.5764 E. 1,081,582.5844	

CURVE DATA PROPOSED CENTERLINE CURVE 4 - LARAWAY ROAD	
Δ = 01°25'14"	
D = 00°51'14"	
R = 6710.00'	
L = 166.38'	
T = 83.19'	
E = 0.52'	
(2131) PC STA. 179+18.20	
N. 1,754,370.1872 E. 1,081,308.6308	
PI STA. 180+01.39	
N. 1,754,374.1658 E. 1,081,391.7295	
(2132) PT STA. 180+84.58	
N. 1,754,376.0830 E. 1,082,074.9013	

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

COORDINATE TABLE - LARAWAY ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475
889	172+95.35	75.00' LT.	1,754,420.9369	1,081,284.7398
184	172+95.62	50.00' LT.	1,754,395.9478	1,081,285.5182
892	172+95.72	40.00' LT.	1,754,385.9522	1,081,285.8338
885	186+16.71	14.85' RT.	1,754,373.4975	1,082,607.2365

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0043	80.416	2.273	1.212	78.143			15-08-28-300-003



**LEGEND**

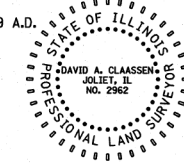
- SECTION / QUARTER SECTION LINE
  - PLATTED LOT LINES
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - EXISTING CENTERLINE
  - PROPOSED CENTERLINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - EXISTING EASEMENT
  - PROPOSED EASEMENT
  - EXISTING ACCESS CONTROL LINE
  - PROPOSED ACCESS CONTROL LINE
  - MEASURED DIMENSION
  - COMPUTED DIMENSION
  - RECORDED DIMENSION
  - EXISTING BUILDING
  - IRON PIPE OR ROD FOUND
  - CUT CROSS FOUND OR SET
  - STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET
  - "MAG" NAIL SET
  - 5/8" REBAR SET
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS )  
COUNTY OF WILL )

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 28, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

*David A. Claassen* VICE PRESIDENT  
DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



**CWA** CLAASSEN, WHITE & ASSOCIATES, P.C.  
LAND SURVEYORS  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 cclaassen@cwawill.com  
CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
STA. 172+50 TO STA. 180+00  
SCALE: 1" = 30' SHEET 9 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

**IDOT USE ONLY**

REVISION DATE: / / REVISION MADE BY:



FILE NAME = sht-POH-09.dgn	DESIGNED - JMS	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 2,000' / IN	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:27:07 PM	DATE - 09/09/2022	REVISED -

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

**PLAT OF HIGHWAYS**  
**LARAWAY ROAD**

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	229
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= LARAWAY\_SCREEN.DWG

PLOT SCALE  
PLOT DATE  
= 2,000' / IN  
= 9/9/2022 (12:27:44 PM)

USER NAME  
DIRECTORY  
= Mike Moser  
= L:\WILL\CO117204-01\Drawn\CADD\_Sheets\...

CURVE DATA PROPOSED CENTERLINE CURVE 4 - LARAWAY ROAD	CURVE DATA PROPOSED CENTERLINE CURVE 1 - CARDINAL DRIVE
Δ = 01°25'14"	Δ = 45°15'40"
D = 00°51'14"	D = 22°55'06"
R = 6710.00'	R = 250.00'
L = 166.38'	L = 197.49'
T = 83.19'	T = 104.22'
E = 0.52'	E = 20.85'

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0024	SEE SHEET 6	-	-	-	-	-	-
0024TE	-	-	-	-	-	-	-
0027	SEE SHEET 7	-	-	-	-	-	-
0027TE-A	-	-	-	-	-	-	-
0027TE-B	-	-	-	-	-	-	-
0030	SEE SHEET 7	-	-	-	-	-	-
0030TE-A	-	-	-	-	-	-	-
0030TE-B	-	-	-	-	-	-	-
0043	SEE SHEET 9	-	-	-	-	-	-

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

PT.NO.	STATION	OFFSET	NORTHING	EASTING
884	159+75.72	0.00' RT.	1,754,318.4420	1,079,966.9475
2132	180+84.58	0.00' RT.	1,754,376.0830	1,082,074.9013
2175	184+52.28	0.00' RT.	1,754,384.5566	1,082,442.5041
890	186+15.98	60.15' LT.	1,754,448.4626	1,082,604.7812
891	186+16.32	25.15' LT.	1,754,413.4789	1,082,605.9270
885	186+16.71	14.85' RT.	1,754,373.4975	1,082,607.2365

### LEGEND

SECTION CORNER  
QUARTER CORNER

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

129.32'  
129.32' (COMP)  
(129.32')

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

STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)

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

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

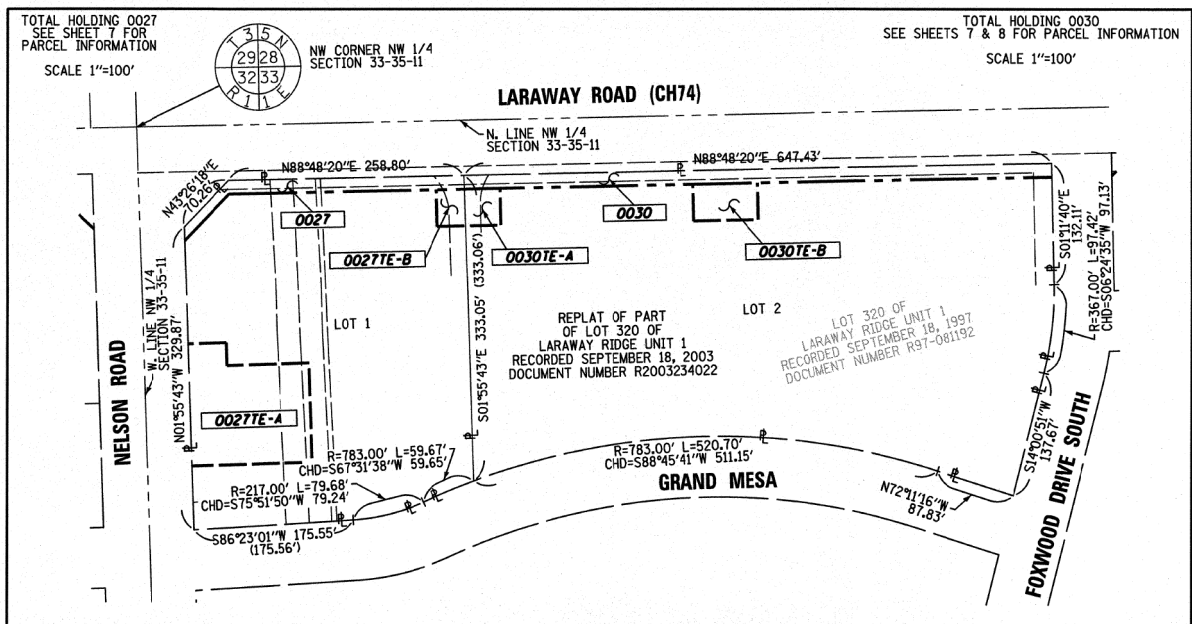
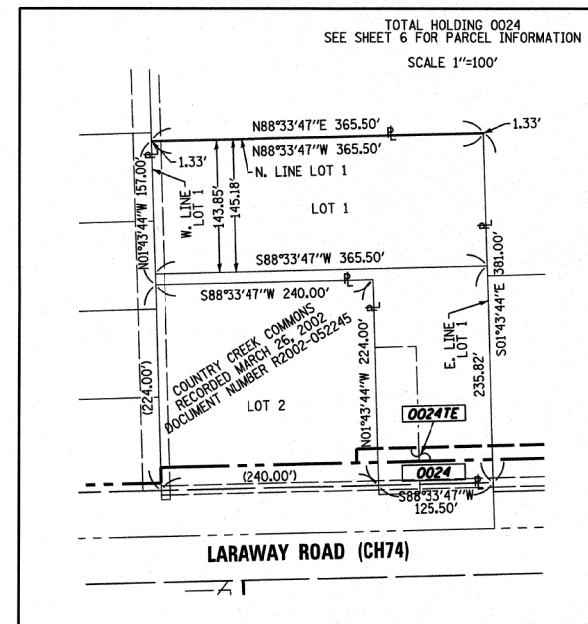
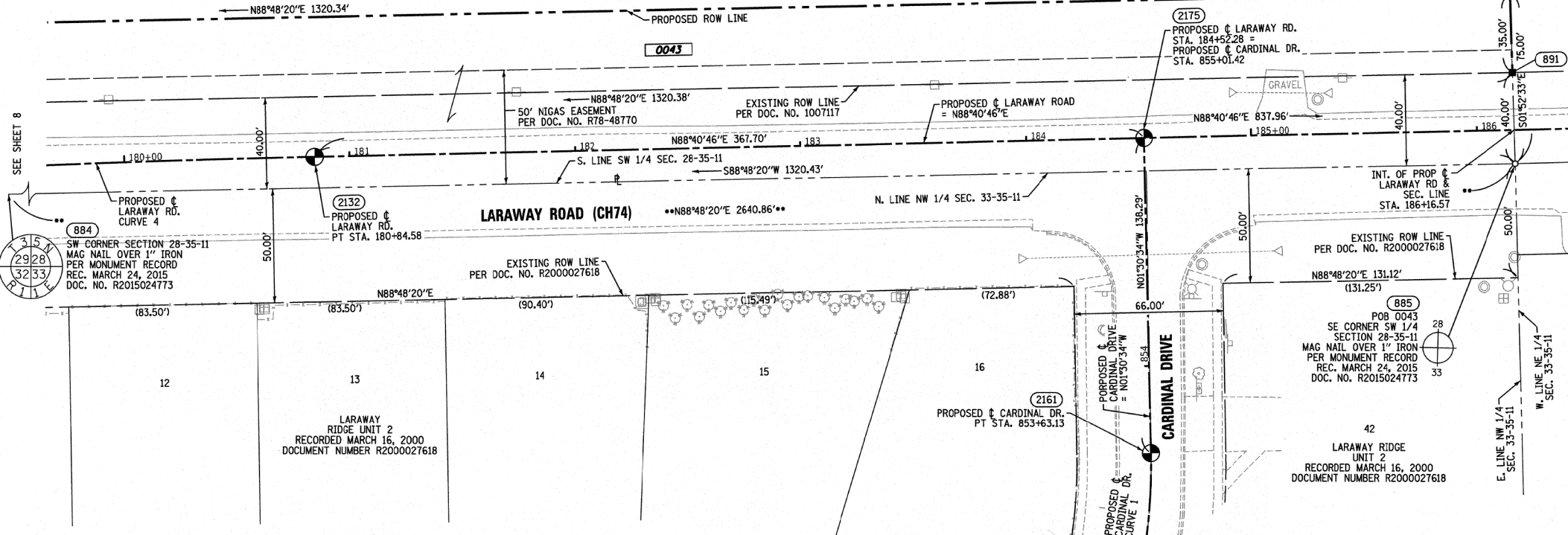
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS  
COUNTY OF WILL

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 28, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

David A. Claassen VICE PRESIDENT  
DAVID A. CLAASSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



DOT USE ONLY

CLAASSEN, WHITE & ASSOCIATES, P.C.  
LAND SURVEYORS  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 cwa@cwalandsurveyors.com  
CWA Job #6753

### PLAT OF HIGHWAYS

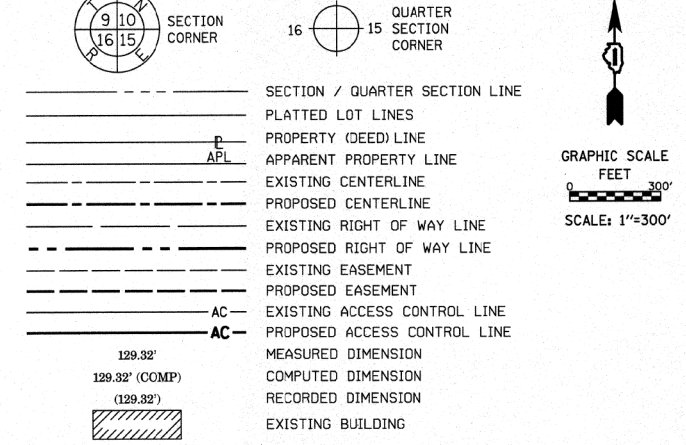
WILL COUNTY  
DIVISION OF TRANSPORTATION  
LARAWAY ROAD (CH 74)

LIMITS: CEDAR ROAD (CH4) WEST TO STONEBRIDGE DRIVE COUNTY: WILL  
SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
STA. 179+75 TO STA. 186+25  
SCALE: 1" = 30' SHEET 10 OF 11 SHEETS

WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, ILLINOIS 60433

PART OF SECTIONS 28, 29, 32 AND 33, ALL IN TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND



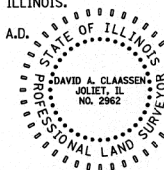
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999958. AREAS SHOWN ON THIS PLAT ARE GROUND.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS (STAKING WILL BE PERFORMED AT A LATER DATE PER THE DIRECTION OF WCDOT)
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 28, 29, 32 AND 33, TOWNSHIP 35 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28<sup>TH</sup> DAY OF JANUARY, 2019 A.D.

*David A. Claassen* VICE PRESIDENT  
DAVID A. CLAASSEN ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002952  
LICENSE EXPIRES NOVEMBER 30, 2020  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 clausenwhitecwasurvey.com  
CWA Job #6753

**PLAT OF HIGHWAYS**  
**WILL COUNTY**  
**DIVISION OF TRANSPORTATION**  
**LARAWAY ROAD (CH 74)**

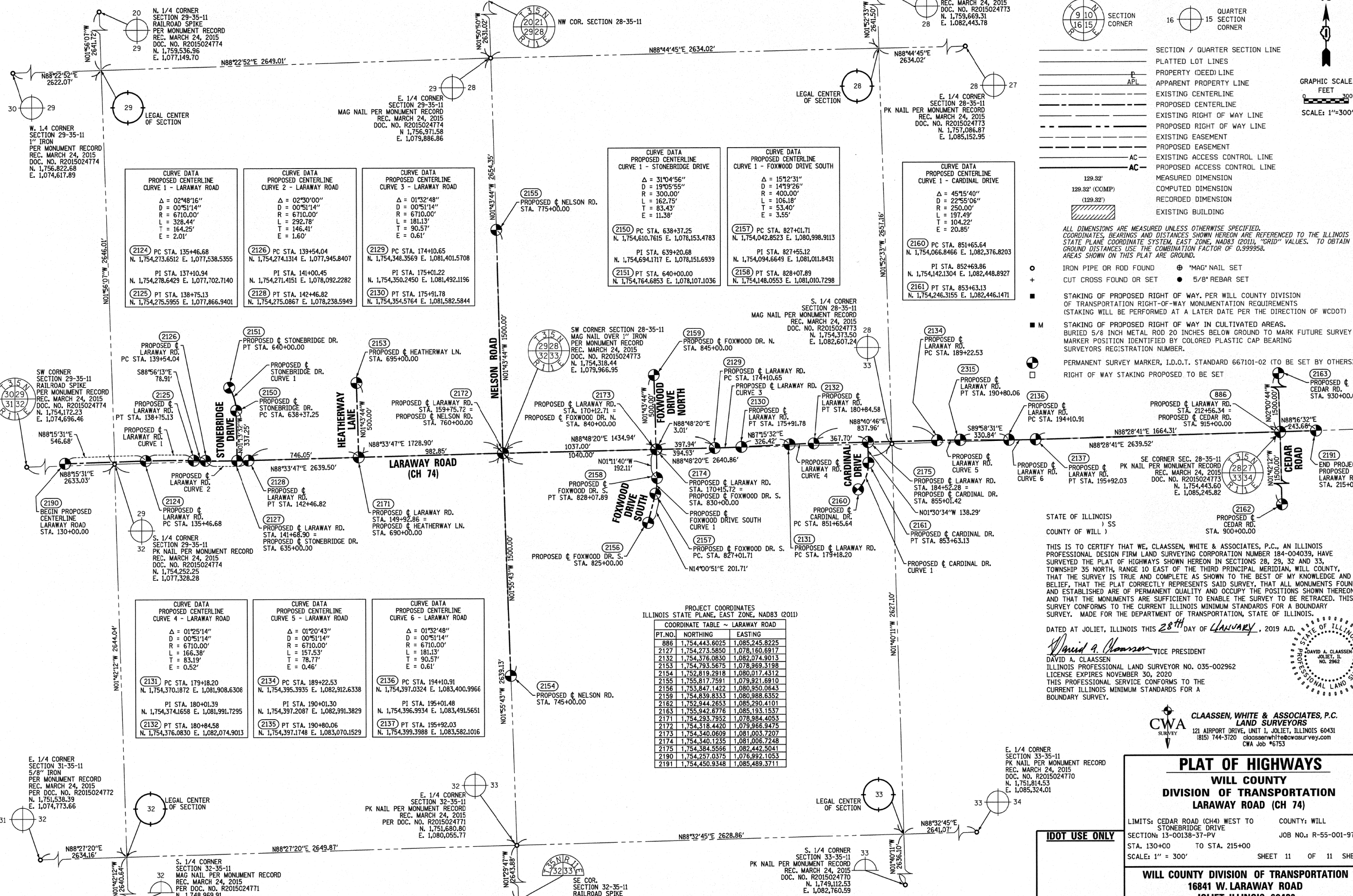
LIMITS: CEDAR ROAD (CH4) WEST TO COUNTY: WILL  
STONEBRIDGE DRIVE  
SECTION: 13-00138-37-PV JOB NO.: R-55-001-97  
STA. 130+00 TO STA. 215+00  
SCALE: 1" = 300' SHEET 11 OF 11 SHEETS

**WILL COUNTY DIVISION OF TRANSPORTATION**  
**16841 W. LARAWAY ROAD**  
**JOLIET, ILLINOIS 60433**

CURVE DATA	PROPOSED CENTERLINE	CURVE DATA	PROPOSED CENTERLINE
CURVE 1 - STONEBRIDGE DRIVE		CURVE 1 - FOXWOOD DRIVE SOUTH	
Δ = 31°04'56"	D = 19'05'55"	Δ = 15°22'31"	D = 1419'26"
R = 300.00'	L = 162.75'	R = 400.00'	L = 106.18'
T = 83.43'	E = 11.38'	T = 53.40'	E = 3.55'
(2150) PC STA. 638+37.25	N. 1,754,610.7615 E. 1,076,153.4783	(2157) PC STA. 827+01.71	N. 1,754,042.8523 E. 1,080,998.9113
PI STA. 639+20.68	N. 1,754,694.1717 E. 1,076,151.6939	PI STA. 827+55.12	N. 1,754,094.6649 E. 1,081,011.8431
(2151) PT STA. 640+00.00	N. 1,754,764.6853 E. 1,078,107.1036	(2158) PT STA. 828+07.89	N. 1,754,148.0553 E. 1,081,010.7298

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

COORDINATE TABLE - LARAWAY ROAD	PT. NO.	NORTHING	EASTING
(886)	1,754,443.6025	1,085,245.8225	
(2127)	1,754,273.5850	1,078,160.6917	
(2132)	1,754,376.0830	1,082,074.9013	
(2153)	1,754,793.5675	1,078,969.3198	
(2154)	1,752,819.2918	1,080,017.4312	
(2155)	1,755,817.7591	1,079,921.6910	
(2156)	1,753,847.1422	1,080,950.0643	
(2159)	1,754,839.8333	1,080,988.6352	
(2162)	1,752,944.2653	1,085,290.4101	
(2163)	1,755,942.6776	1,085,193.1537	
(2171)	1,754,293.7952	1,078,984.4053	
(2172)	1,754,318.4420	1,079,866.9475	
(2173)	1,754,340.0609	1,081,003.7207	
(2174)	1,754,340.1235	1,081,006.7248	
(2175)	1,754,384.5566	1,082,442.5041	
(2190)	1,754,257.0375	1,076,992.1053	
(2191)	1,754,450.9348	1,085,489.3711	



USER NAME: L:\MILL\CO117204-01\Drawn\CADD\_Sherid...  
 PLOT SCALE: 2,000.00' IN  
 PLOT DATE: 9/9/2022 (12:28:28 PM)  
 PRINTING DATE: JANUARY 28, 2019 10:51 AM  
 MICROSTATION: V15.53  
 PLOT DRIVER: PENTABLE  
 PLOT SCALE: 2,000.00' IN  
 PLOT DATE: 9/9/2022 (12:28:28 PM)

	FILE NAME = sht-POH-11.dgn	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS LARAWAY ROAD	SCALE:	SHEET 11	OF 11 SHEETS	STA.	TO STA.
	MODEL NAME = Default	DRAWN - PML	REVISED -			ILLINOIS	FED. AID PROJECT			
	PLOT SCALE = 2,000.00' IN	CHECKED - JMS	REVISED -							
	PLOT DATE = 9/9/2022 - 12:28:28 PM	DATE - 09/09/2022	REVISED -							

PLOT DRIVER  
PENTABLE  
= LARAWAY\_Gradings.dwg

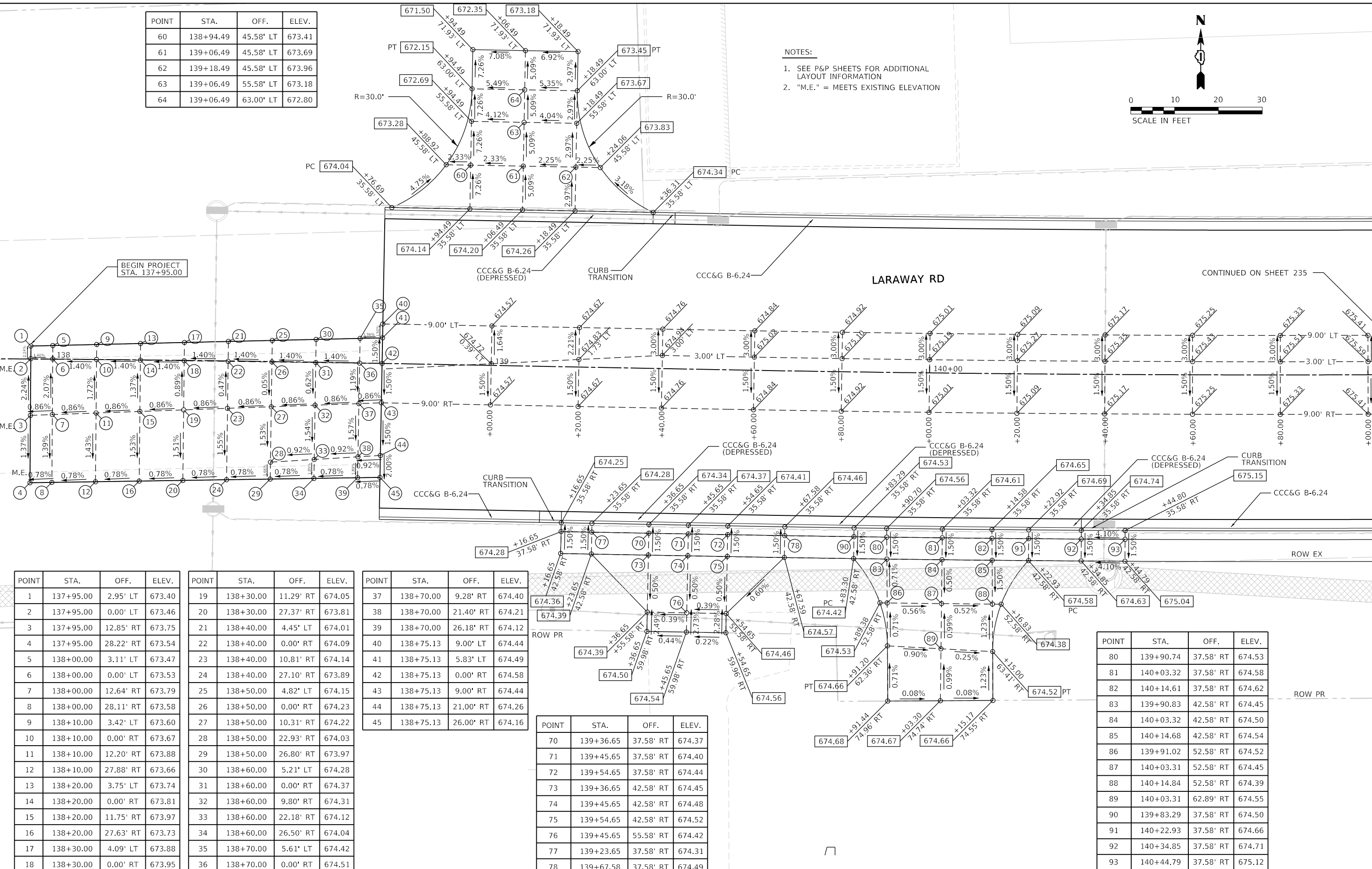
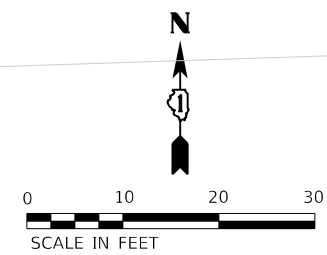
PLOT SCALE  
PLOT DATE  
= 20.0009' / ft.  
= 09/09/2022 (12:28:13 PM)

USER NAME  
DIRECTORY  
= Mike.Moss  
= L:\MILL\CO117204-01\Drawn\CADD\_Sheets\

POINT	STA.	OFF.	ELEV.
60	138+94.49	45.58' LT	673.41
61	139+06.49	45.58' LT	673.69
62	139+18.49	45.58' LT	673.96
63	139+06.49	55.58' LT	673.18
64	139+06.49	63.00' LT	672.80

NOTES:

1. SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION
2. "M.E." = MEETS EXISTING ELEVATION



POINT	STA.	OFF.	ELEV.
1	137+95.00	2.95' LT	673.40
2	137+95.00	0.00' LT	673.46
3	137+95.00	12.85' RT	673.75
4	137+95.00	28.22' RT	673.54
5	138+00.00	3.11' LT	673.47
6	138+00.00	0.00' LT	673.53
7	138+00.00	12.64' RT	673.79
8	138+00.00	28.11' RT	673.58
9	138+10.00	3.42' LT	673.60
10	138+10.00	0.00' RT	673.67
11	138+10.00	12.20' RT	673.88
12	138+10.00	27.88' RT	673.66
13	138+20.00	3.75' LT	673.74
14	138+20.00	0.00' RT	673.81
15	138+20.00	11.75' RT	673.97
16	138+20.00	27.63' RT	673.73
17	138+30.00	4.09' LT	673.88
18	138+30.00	0.00' RT	673.95

POINT	STA.	OFF.	ELEV.
19	138+30.00	11.29' RT	674.05
20	138+30.00	27.37' RT	673.81
21	138+40.00	4.45' LT	674.01
22	138+40.00	0.00' RT	674.09
23	138+40.00	10.81' RT	674.14
24	138+40.00	27.10' RT	673.89
25	138+50.00	4.82' LT	674.15
26	138+50.00	0.00' RT	674.23
27	138+50.00	10.31' RT	674.22
28	138+50.00	22.93' RT	674.03
29	138+50.00	26.80' RT	673.97
30	138+60.00	5.21' LT	674.28
31	138+60.00	0.00' RT	674.37
32	138+60.00	9.80' RT	674.31
33	138+60.00	22.18' RT	674.12
34	138+60.00	26.50' RT	674.04
35	138+70.00	5.61' LT	674.42
36	138+70.00	0.00' RT	674.51

POINT	STA.	OFF.	ELEV.
37	138+70.00	9.28' RT	674.40
38	138+70.00	21.40' RT	674.21
39	138+70.00	26.18' RT	674.12
40	138+75.13	9.00' LT	674.44
41	138+75.13	5.83' LT	674.49
42	138+75.13	0.00' RT	674.58
43	138+75.13	9.00' RT	674.44
44	138+75.13	21.00' RT	674.26
45	138+75.13	26.00' RT	674.16

POINT	STA.	OFF.	ELEV.
70	139+36.65	37.58' RT	674.37
71	139+45.65	37.58' RT	674.40
72	139+54.65	37.58' RT	674.44
73	139+36.65	42.58' RT	674.45
74	139+45.65	42.58' RT	674.48
75	139+54.65	42.58' RT	674.52
76	139+45.65	55.58' RT	674.42
77	139+23.65	37.58' RT	674.31
78	139+67.58	37.58' RT	674.49

POINT	STA.	OFF.	ELEV.
80	139+90.74	37.58' RT	674.53
81	140+03.32	37.58' RT	674.58
82	140+14.61	37.58' RT	674.62
83	139+90.83	42.58' RT	674.45
84	140+03.32	42.58' RT	674.50
85	140+14.68	42.58' RT	674.54
86	139+91.02	52.58' RT	674.52
87	140+03.31	52.58' RT	674.45
88	140+14.84	52.58' RT	674.39
89	140+03.31	62.89' RT	674.55
90	139+83.29	37.58' RT	674.50
91	140+22.93	37.58' RT	674.66
92	140+34.85	37.58' RT	674.71
93	140+44.79	37.58' RT	675.12



FILE NAME = sht-grading-details-01.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 20.0009' / ft.  
 PLOT DATE = 09/09/2022 - 12:28:13 PM

DESIGNED - JMS  
 DRAWN - PML  
 CHECKED - JMS  
 DATE - 09/09/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 TEMPORARY RAMP, SPECIAL,  
 WESTERN DRIVEWAYS, FUTURE MEDIAN

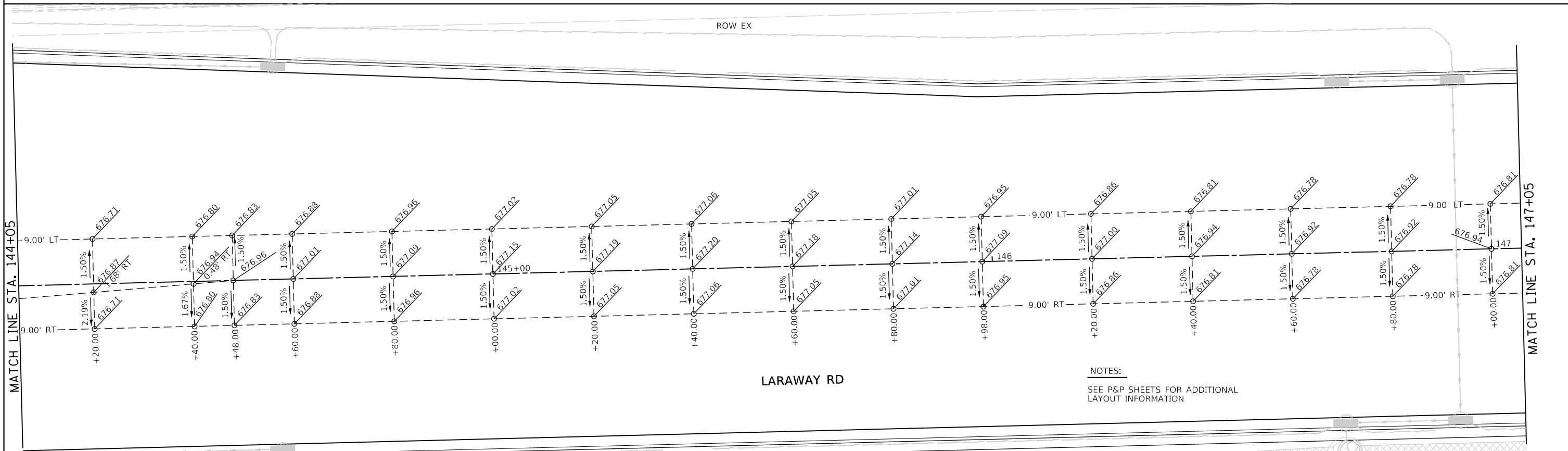
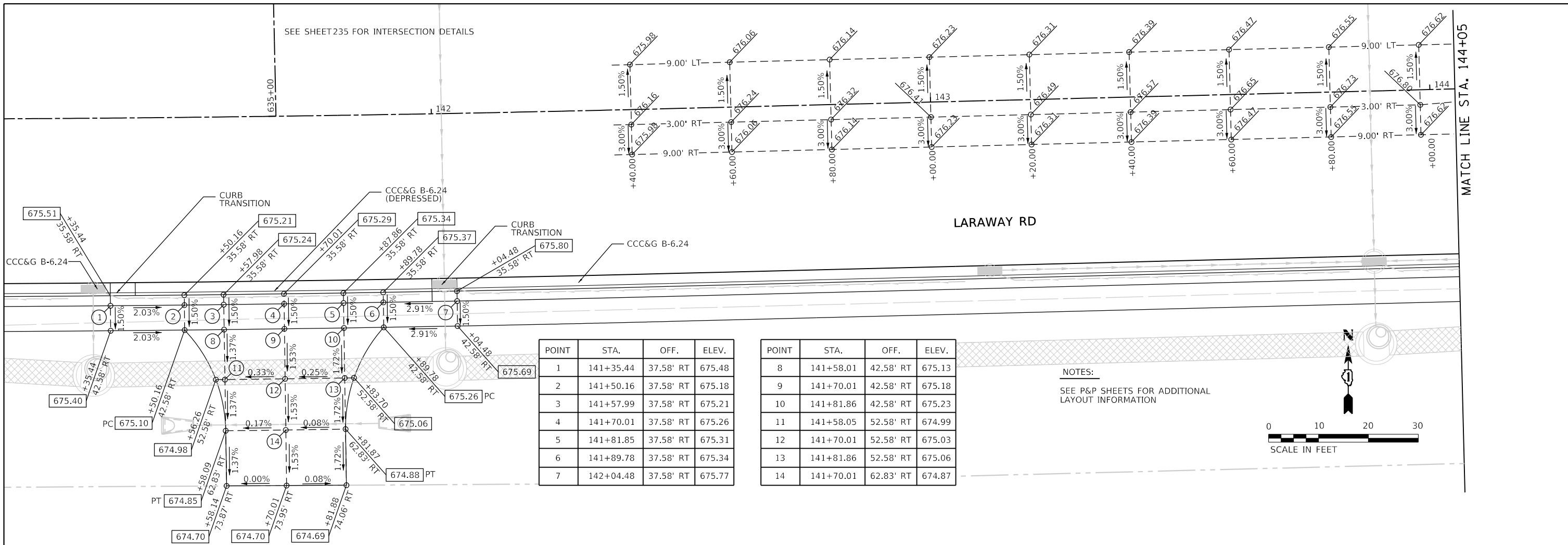
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	232
CONTRACT NO. 61H20				
SCALE: 1"=10'		SHEET 1 OF 27 SHEETS		STA. 137+75 TO STA. 141+00
ILLINOIS		FED. AID PROJECT		



PLOT DRIVER = PENTABLE  
 PLOT SCALE = 20.0000' / ft.  
 PLOT DATE = 09/20/22 (12:28:16 PM)

PLOT SCALE = 20.0000' / ft.  
 PLOT DATE = 09/20/22 (12:28:16 PM)

USER NAME = Mikes\_Moss  
 DIRECTORY = L:\MILLCOIT\7204-01\Drawn\CADD\_Sheets



NOTES:  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION

NOTES:  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION



FILE NAME = sht-grading-details-02.dgn	DESIGNED - JMS	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20.0000' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 09/20/22 - 12:28:16 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 FUTURE MEDIAN & AGRICULTURAL ACCESS  
 SCALE: 1"=10'  
 SHEET 2 OF 27 SHEETS  
 STA. 141+00 TO STA. 147+00

F.A.U. RTE. 0320	SECTION 13-00138-37-PV	COUNTY WILL	TOTAL SHEETS 413	SHEET NO. 233
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = PENTABLE  
 PLOT FILE = Laraway\_Grading.dwg

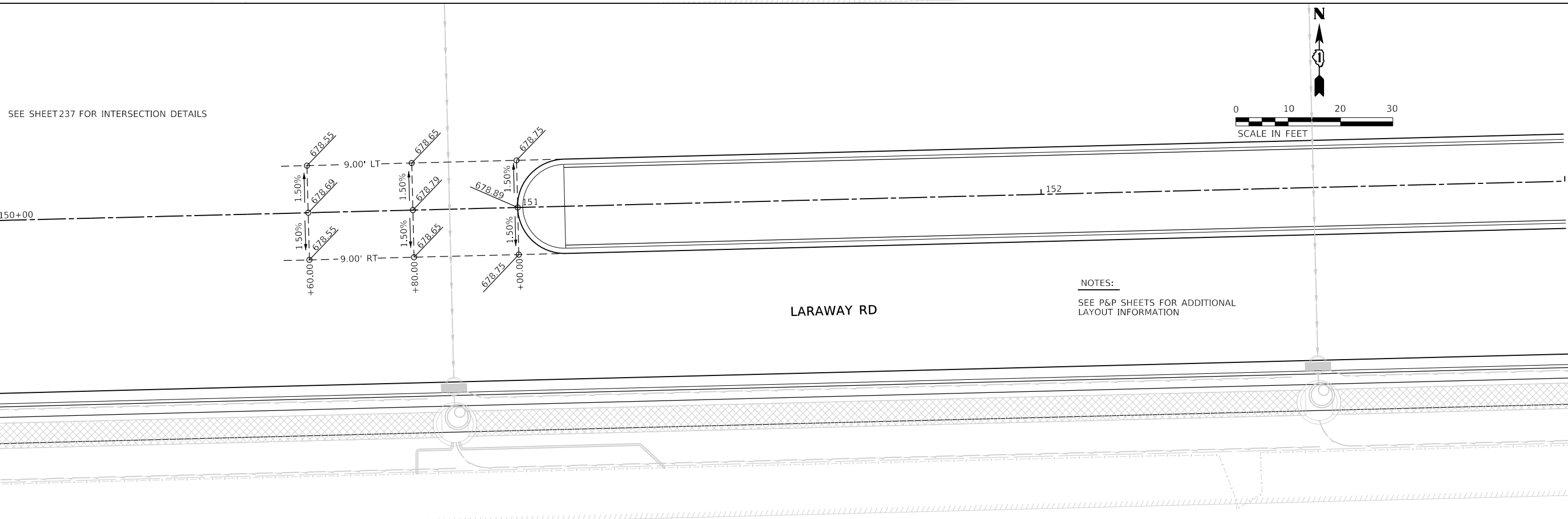
PLOT SCALE = 20.0009' / In.  
 PLOT DATE = 9/9/2022 (12:29:16 PM)

USER NAME = Mike Moses  
 DIRECTORY = L:\MILL\017204\01\Draw\CADD\_Sheets\

MATCH LINE STA. 147+05

MATCH LINE STA. 150+00

MATCH LINE STA. 150+00



SEE SHEET 237 FOR INTERSECTION DETAILS

SEE SHEET 237 FOR INTERSECTION DETAILS

NOTES:  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION

NOTES:  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION



FILE NAME =	sht-grading-details-03.dgn	DESIGNED -	JMS	REVISED -	
MODEL NAME =	Default	DRAWN -	PML	REVISED -	
PLOT SCALE =	20.0009' / In.	CHECKED -	JMS	REVISED -	
PLOT DATE =	9/9/2022 - 12:29:16 PM	DATE -	09/09/2022	REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 FUTURE MEDIAN

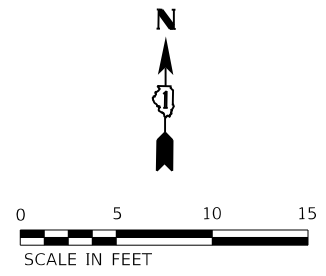
SCALE: 1"=10' SHEET 3 OF 27 SHEETS STA. 147+00 TO STA. 153+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	234
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

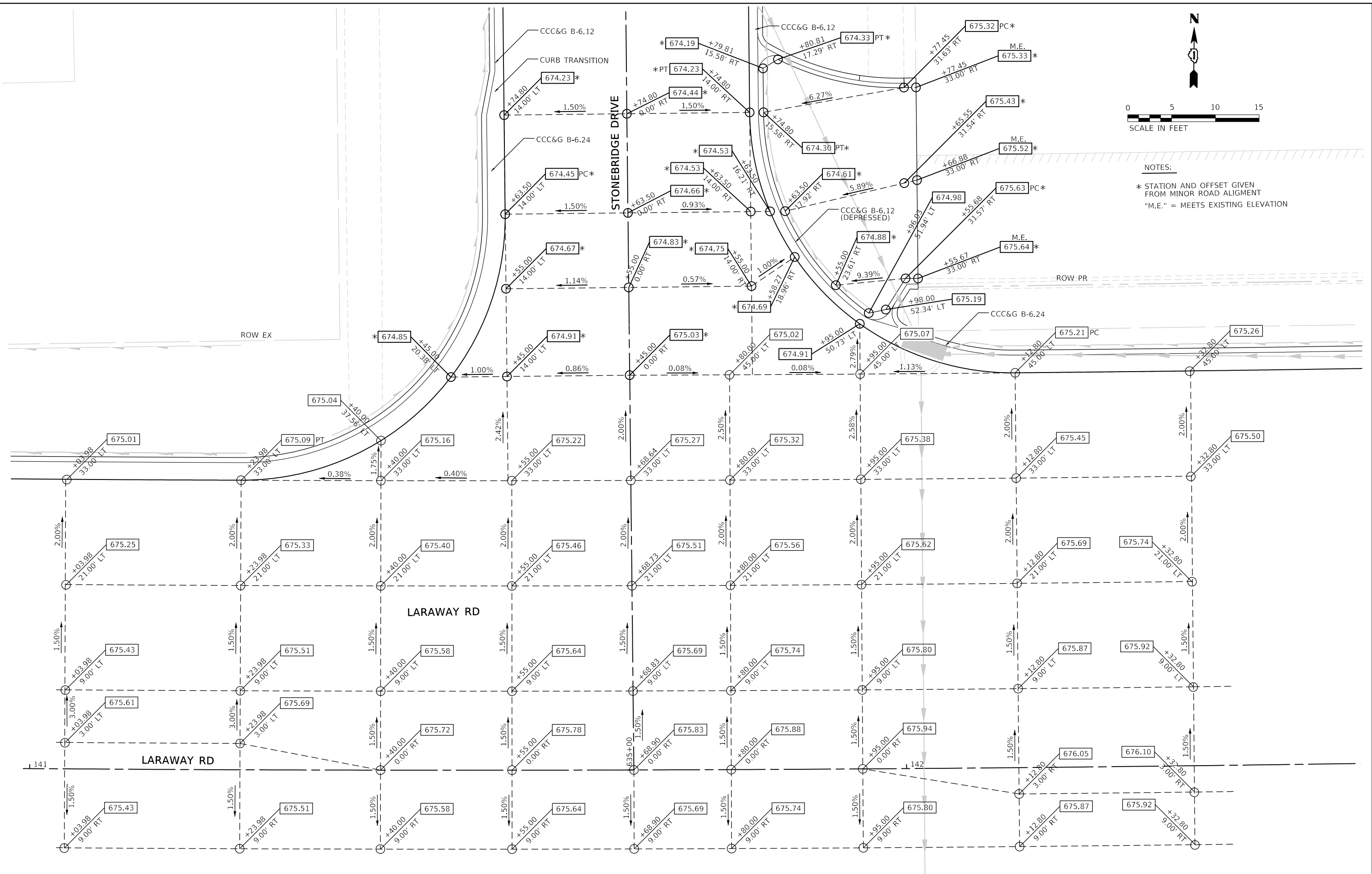
PLOT DRIVER  
PENTABLE = Laraway\_Grading.dwg

PLOT SCALE  
PLOT DATE = 9/9/2022 12:28:18 PM

USER NAME  
DIRECTORY = L:\MILL\CO117204-01\Draw\CADD\_Sheets\_L



NOTES:  
\* STATION AND OFFSET GIVEN FROM MINOR ROAD ALIGNMENT  
"M.E." = MEETS EXISTING ELEVATION



	FILE NAME = shlpavement-grading-01.dgn	DESIGNED - BRF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS LARAWAY RD AT STONEBRIDGE DR &amp; APT DRIVEWAY</b>			F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 235
	MODEL NAME = Default	DRAWN - PML	REVISED -					CONTRACT NO. 61H20				
PLOT SCALE = 10,000' / 1"	CHECKED - JMS	REVISED -	REVISED -		SCALE: 1"=5'	SHEET 4	OF 27 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 9/9/2022 - 12:28:18 PM	DATE = 09/09/2022	REVISED -	REVISED -									

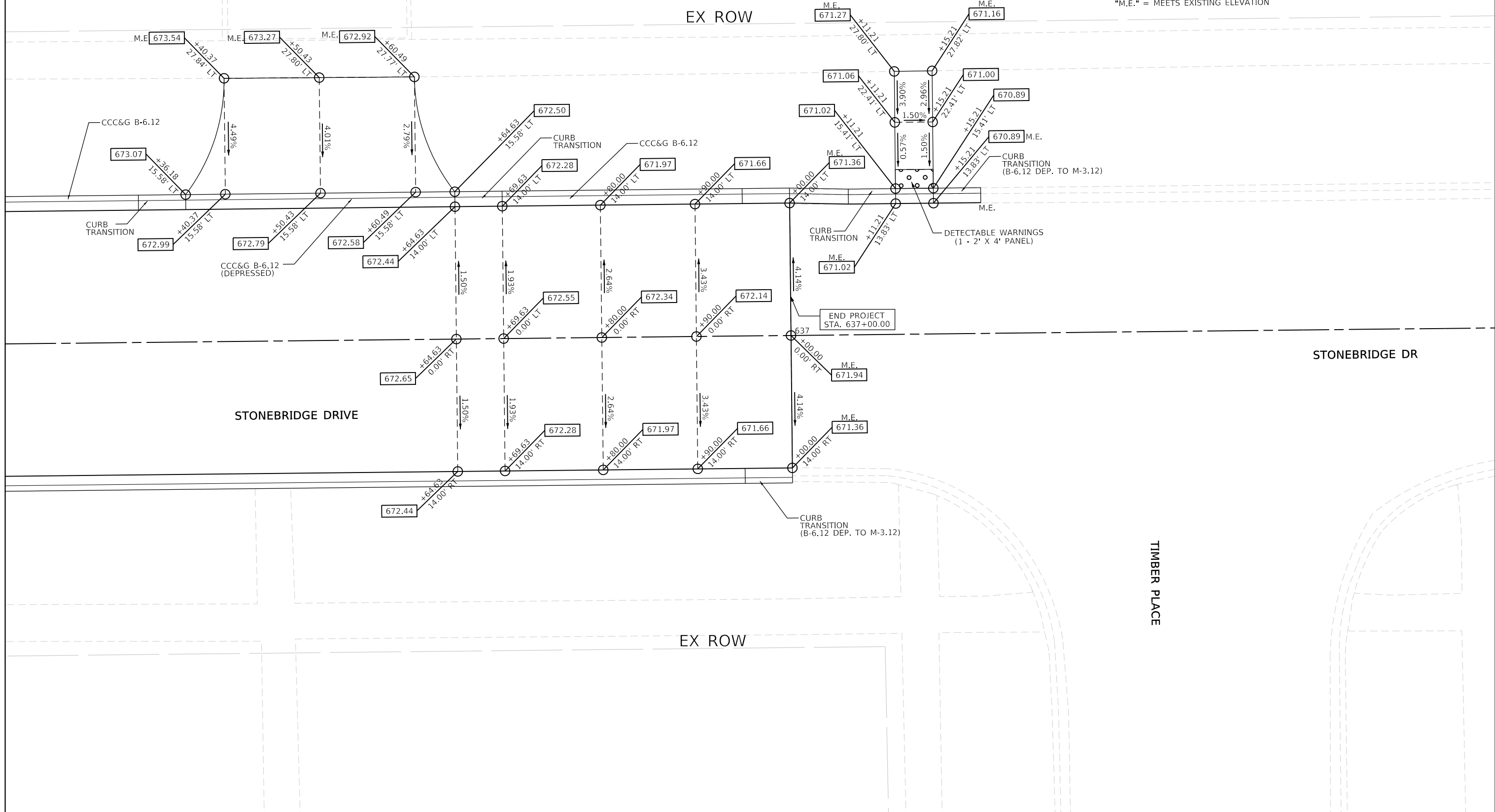
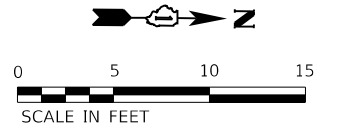
PLOT DRIVER  
PENTABLE  
= L:\PLOT\LAYERS\Brow.dwg  
= L:\PLOT\LAYERS\Grading.dwg

PLOT SCALE  
PLOT DATE  
= 10.0000' / 1" = 9/9/2022 12:28:19 PM

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\CO17204-01\Draws\CADD\_Sheet.dwg

NOTES:

STATION AND OFFSET GIVEN FROM STONEBRIDGE ALIGNMENT  
SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION  
"M.E." = MEETS EXISTING ELEVATION



TIMBER PLACE



FILE NAME =	shlpavement-grading-02.dgn	DESIGNED -	BRF
MODEL NAME =	Default	DRAWN -	PML
PLOT SCALE =	10.0000' / 1"	CHECKED -	JMS
PLOT DATE =	9/9/2022 - 12:28:19 PM	DATE -	09/09/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
STONEBRIDGE DR AT TIMBER PL  
SCALE: 1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	236
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

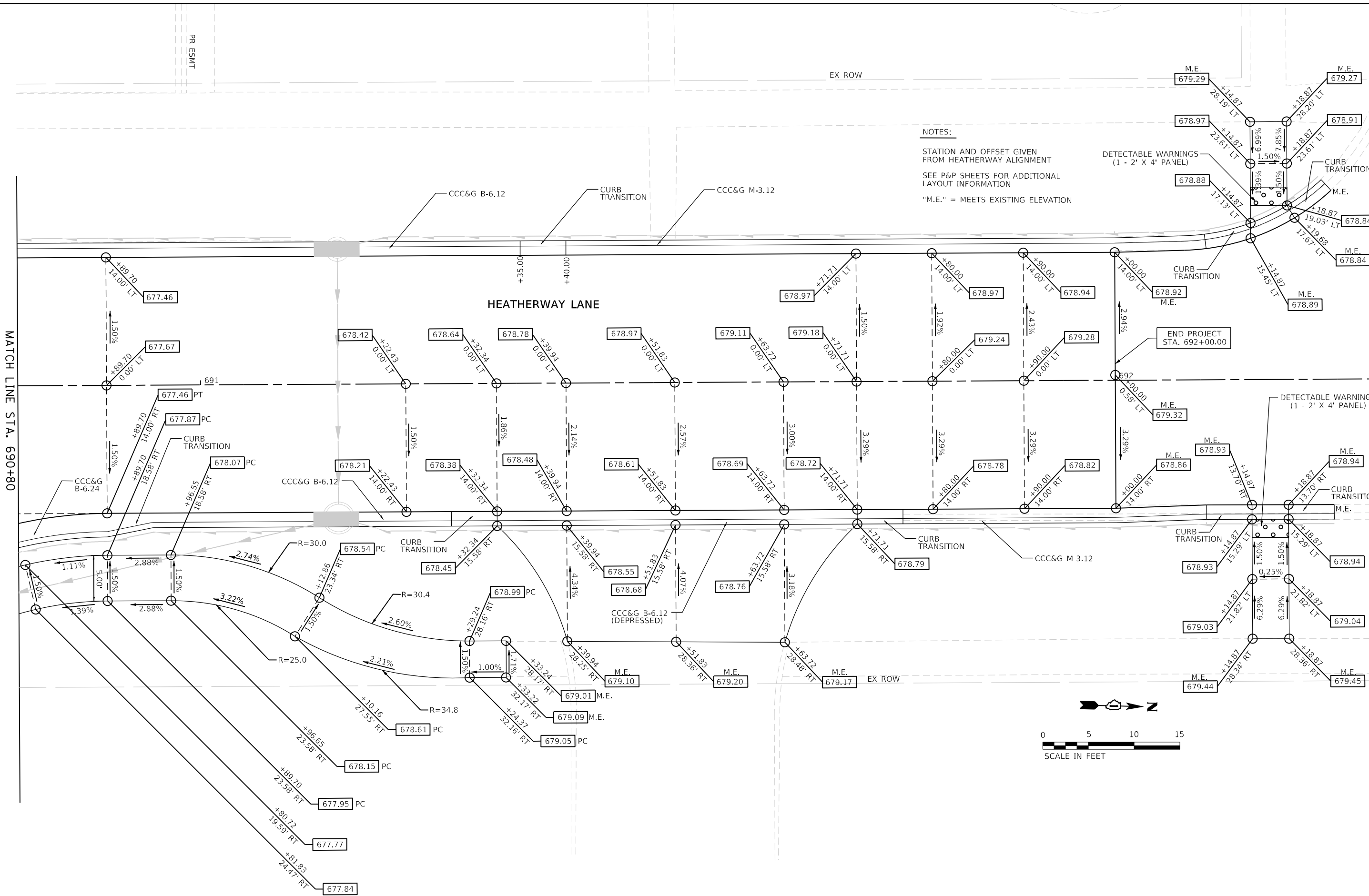
SHEET 5 OF 27 SHEETS STA. TO STA.



PLOT DRIVER  
PENTABLE = L:\m\l\c\17204-01\Draw\CADD\_Sheet6.dwg

PLOT SCALE  
PLOT DATE = 9/9/2022 12:28:21 PM

USER NAME  
DIRECTOR = Mikes Moos  
L:\M\l\c\17204-01\Draw\CADD\_Sheet6.dwg



**NOTES:**

STATION AND OFFSET GIVEN FROM HEATHERWAY ALIGNMENT  
SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION  
"M.E." = MEETS EXISTING ELEVATION

DETECTABLE WARNINGS (1 - 2' X 4' PANEL)  
CURB TRANSITION  
M.E.

END PROJECT STA. 692+00.00  
DETECTABLE WARNINGS (1 - 2' X 4' PANEL)  
CURB TRANSITION  
M.E.



FILE NAME	= sht-pavement-grading-04.dgn
MODEL NAME	= Default
PLOT SCALE	= 10,0000' / 1 in.
PLOT DATE	= 9/9/2022 - 12:28:21 PM

DESIGNED	- BRF
DRAWN	- PML
CHECKED	- JMS
DATE	- 09/09/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
HEATHERWAY LN**

SCALE: 1"=5' SHEET 7 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	238
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

PLOT DRIVER  
PENTABLE  
= L:\PLOT\DRIVERS\pentable

PLOT SCALE  
PLOT DATE  
= 10.0005' / ft.  
= 9/9/2022 (12:29:22 PM)

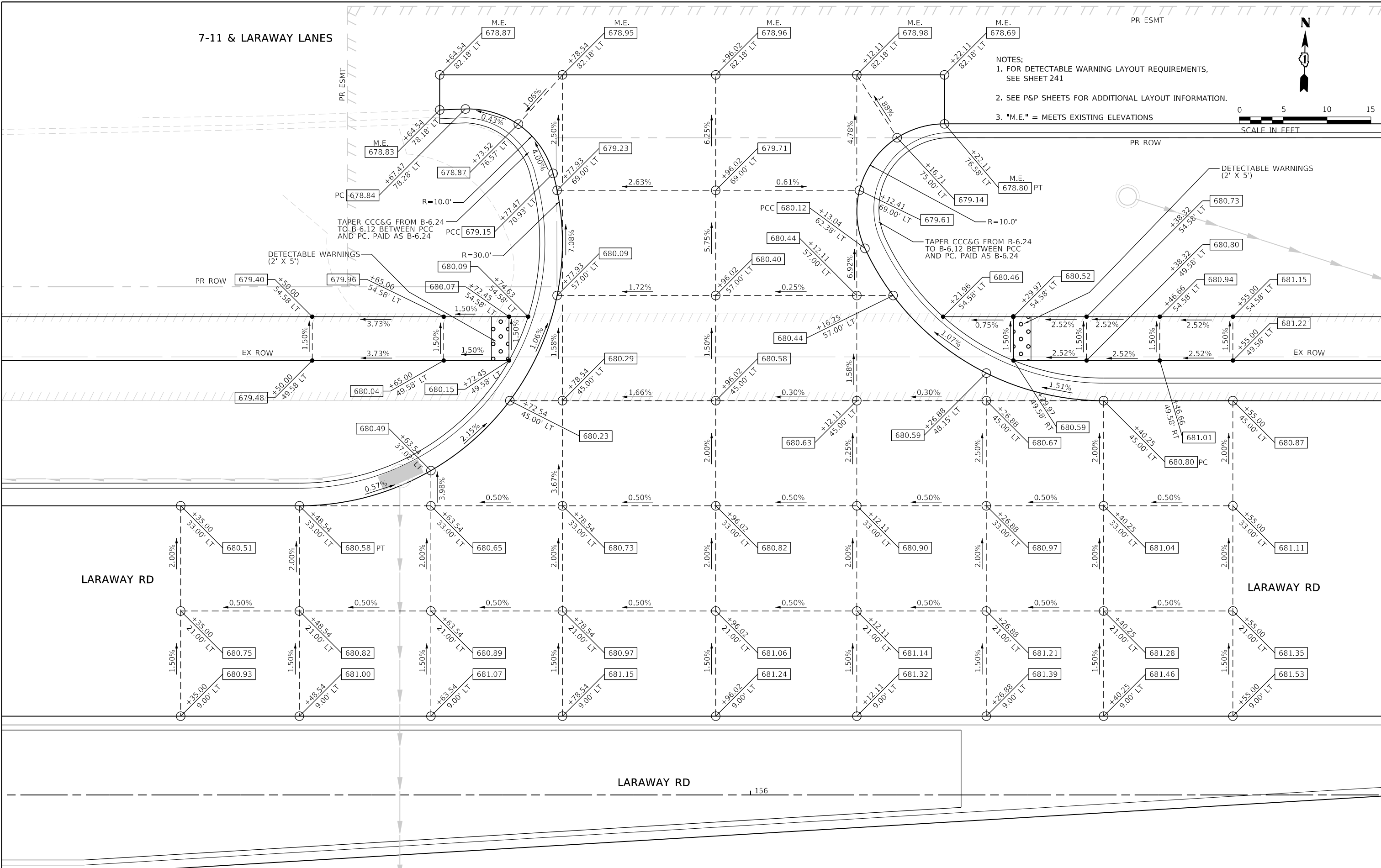
USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\COIT\7204-01\Drawn\CADD\_Sheets\

7-11 & LARAWAY LANES

PR ESMT



- NOTES:  
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241  
2. SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION.  
3. "M.E." = MEETS EXISTING ELEVATIONS



FILE NAME = sht-pavement-grading-05.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 10.0005' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:29:22 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT COMMERCIAL ENTRANCE

SCALE: 1"=5' SHEET 8 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	239
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

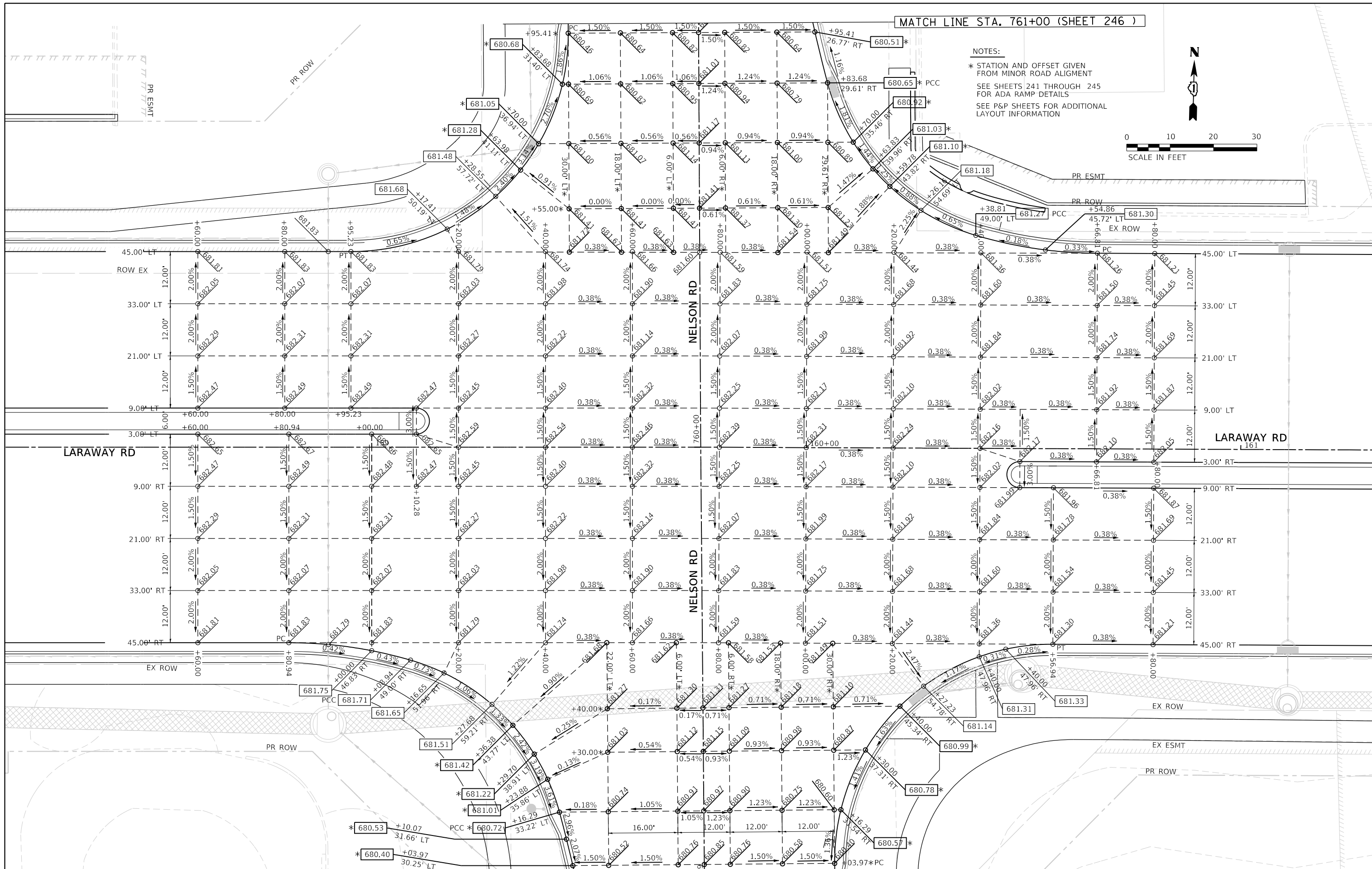
PLOT DRIVER  
PENTABLE = LARAWAY\_Grading.dwg

PLOT SCALE  
PLOT DATE = 9/9/2022 (12:28:23 PM)

USER NAME  
DIRECTORY = M:\Projects\17204-01\Drawings\CADD\_Sheets\

MATCH LINE STA. 761+00 (SHEET 246 )

NOTES:  
\* STATION AND OFFSET GIVEN FROM MINOR ROAD ALIGNMENT  
SEE SHEETS 241 THROUGH 245 FOR ADA RAMP DETAILS  
SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION



FILE NAME = sht-pavement-grading-07.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20,000' / in.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:23 PM	DATE - 09/09/2022	REVISED -

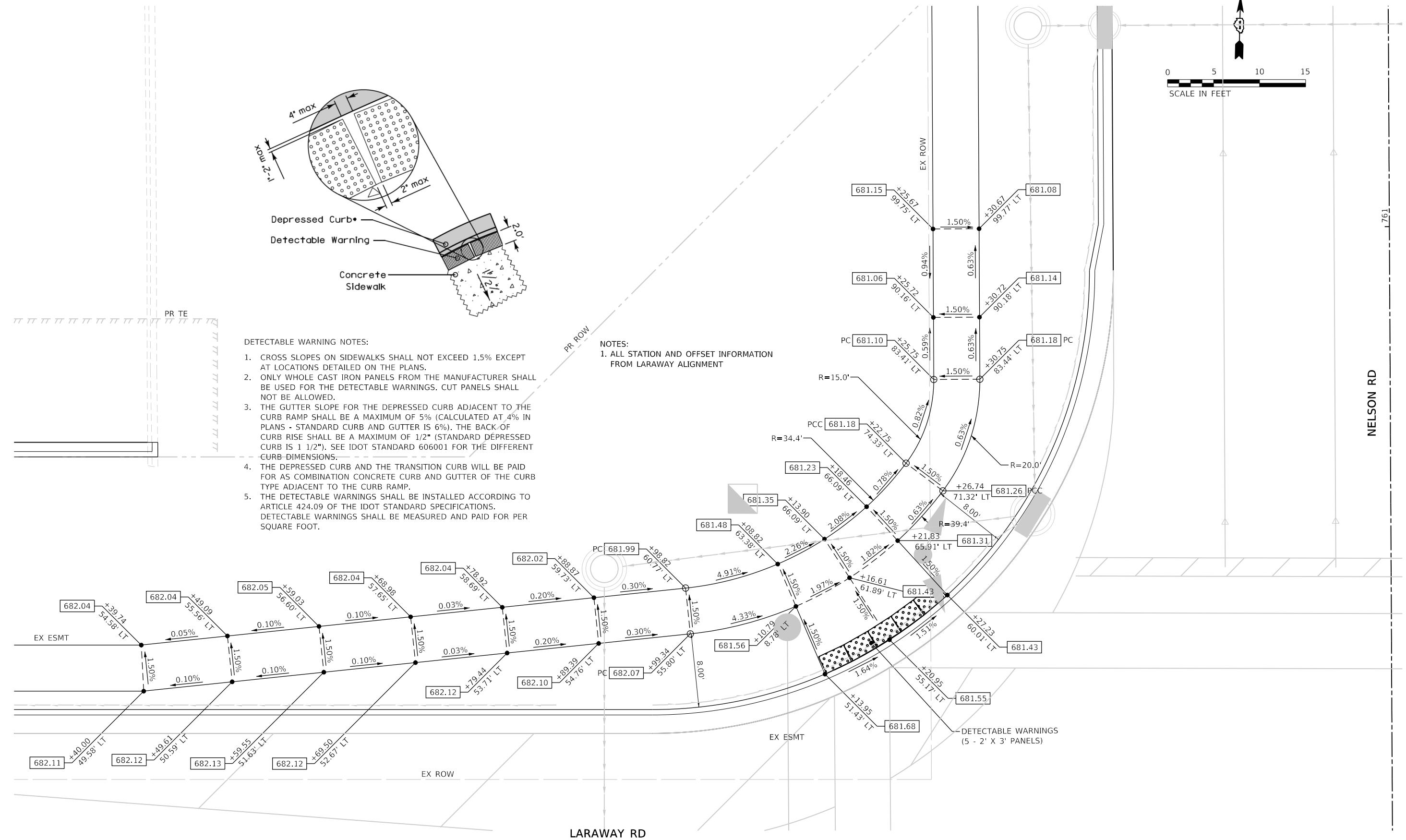
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT NELSON RD

SCALE: 1"=10' SHEET 9 OF 27 SHEETS STA. TO STA.

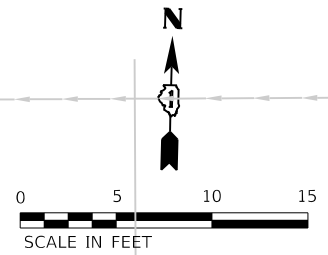
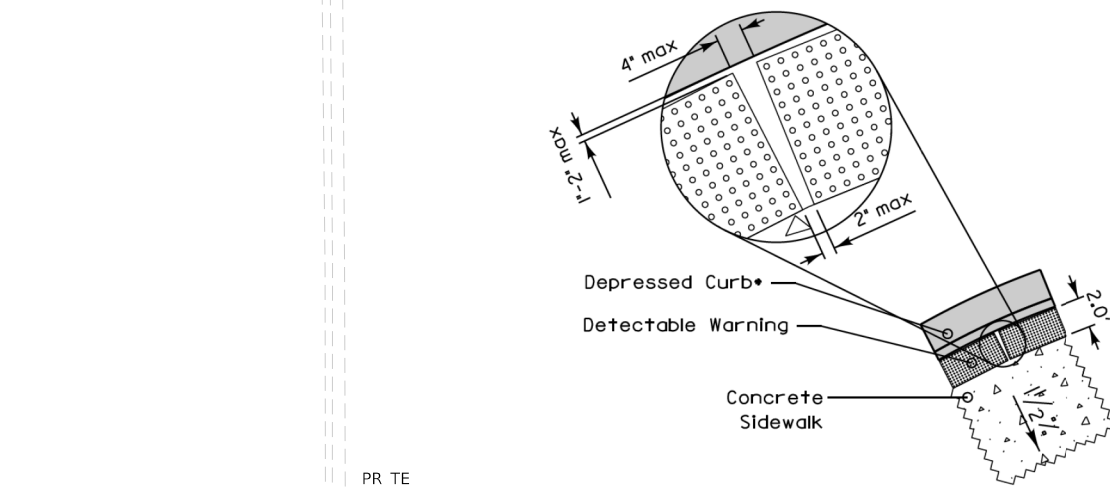
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	240
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		





- DETECTABLE WARNING NOTES:**
- CROSS SLOPES ON SIDEWALKS SHALL NOT EXCEED 1.5% EXCEPT AT LOCATIONS DETAILED ON THE PLANS.
  - ONLY WHOLE CAST IRON PANELS FROM THE MANUFACTURER SHALL BE USED FOR THE DETECTABLE WARNINGS. CUT PANELS SHALL NOT BE ALLOWED.
  - THE GUTTER SLOPE FOR THE DEPRESSED CURB ADJACENT TO THE CURB RAMP SHALL BE A MAXIMUM OF 5% (CALCULATED AT 4% IN PLANS - STANDARD CURB AND GUTTER IS 6%). THE BACK OF CURB RISE SHALL BE A MAXIMUM OF 1/2" (STANDARD DEPRESSED CURB IS 1 1/2"). SEE IDOT STANDARD 606001 FOR THE DIFFERENT CURB DIMENSIONS.
  - THE DEPRESSED CURB AND THE TRANSITION CURB WILL BE PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER OF THE CURB TYPE ADJACENT TO THE CURB RAMP.
  - THE DETECTABLE WARNINGS SHALL BE INSTALLED ACCORDING TO ARTICLE 424.09 OF THE IDOT STANDARD SPECIFICATIONS. DETECTABLE WARNINGS SHALL BE MEASURED AND PAID FOR PER SQUARE FOOT.

- NOTES:**
- ALL STATION AND OFFSET INFORMATION FROM LARAWAY ALIGNMENT



	FILE NAME = sht-ADA-details-03.dgn	DESIGNED - BRF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS</b> <b>LARAWAY RD AT NELSON RD NW CORNER</b>	F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 241
	MODEL NAME = Default	DRAWN - PML	REVISED -			SCALE: 1"=5'	SHEET 10 OF 27 SHEETS	STA. TO STA.	CONTRACT NO. 61H20	
	PLOT SCALE = 10.0005' / ft.	CHECKED - JMS	REVISED -							
	PLOT DATE = 9/9/2022 - 12:28:26 PM	DATE - 09/09/2022	REVISED -							

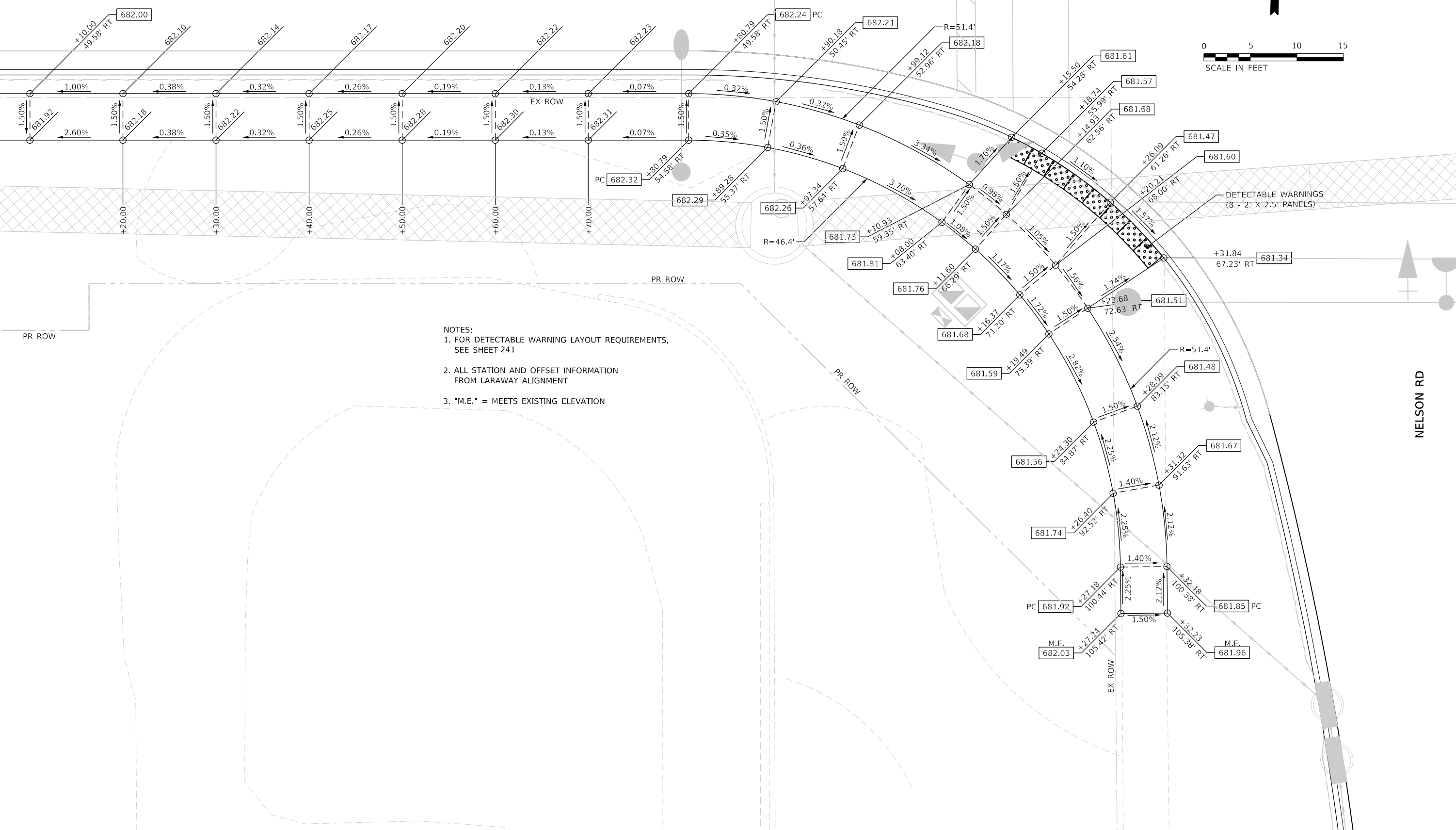
LARAWAY RD



PLOT DRIVER  
PENTABLE  
= LARAWAY\_Grading.dwg

PLOT SCALE  
PLOT DATE  
= 10.0000' / 1"  
= 9/9/2022 (12:28:33 PM)

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\CO117204-01\Drawn\CADD\_Sheets\_L



- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. ALL STATION AND OFFSET INFORMATION FROM LARAWAY ALIGNMENT
  3. "M.E." = MEETS EXISTING ELEVATION



FILE NAME = sht-ADA-details-04.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 10.0000' / 1"  
 PLOT DATE = 9/9/2022 - 12:28:33 PM

DESIGNED - BRF  
 DRAWN - PML  
 CHECKED - JMS  
 DATE - 09/09/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT NELSON RD SW CORNER

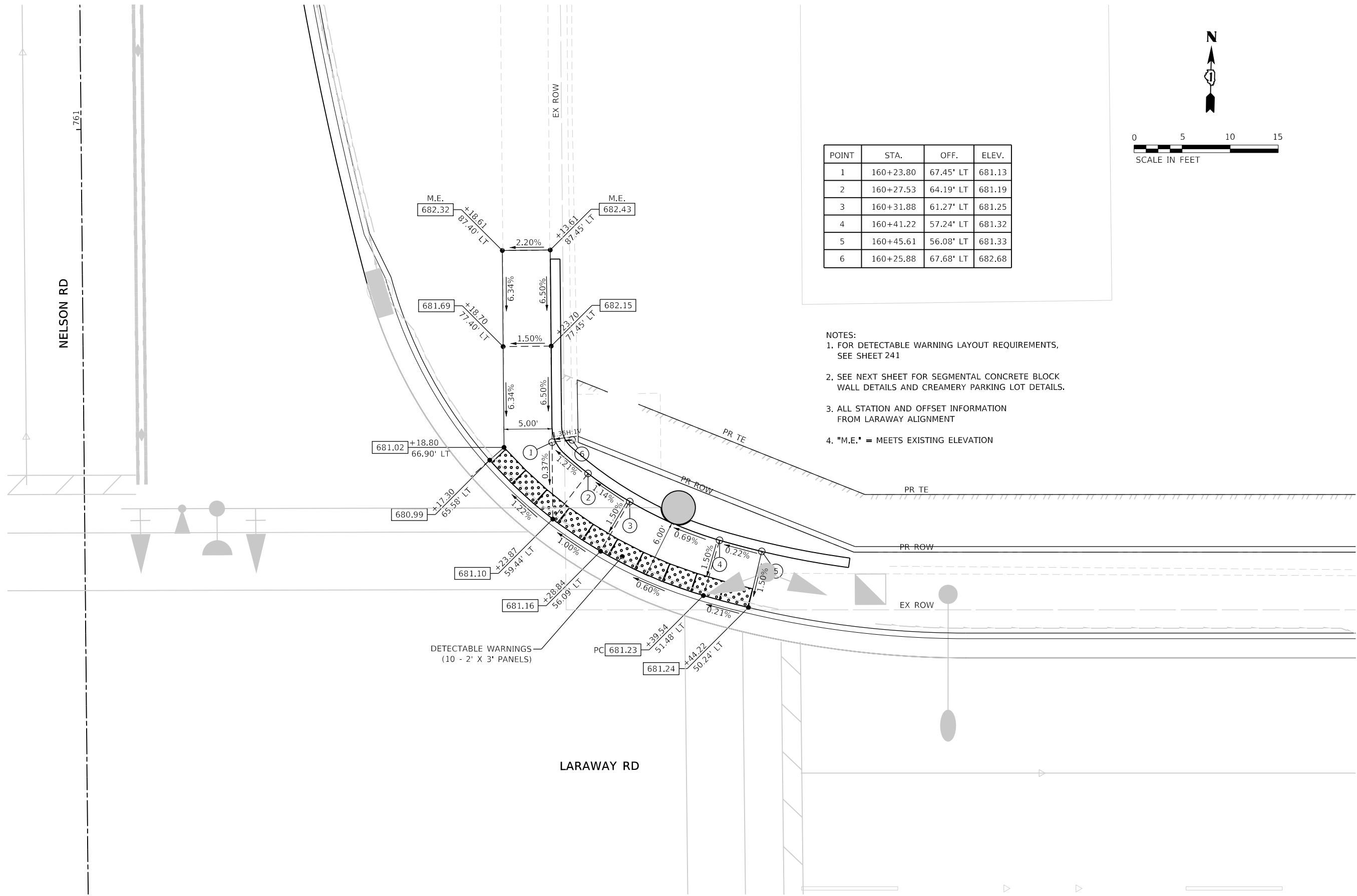
SCALE: 1"=5' SHEET 11 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	242
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= LARAWAY\_Grading.dwg

PLOT SCALE  
PLOT DATE  
= 10,0005' / ft.  
= 9/9/2022 (12:28:34 PM)

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\CO17204-01\Drawn\CADD\_Sheets\_L



POINT	STA.	OFF.	ELEV.
1	160+23.80	67.45' LT	681.13
2	160+27.53	64.19' LT	681.19
3	160+31.88	61.27' LT	681.25
4	160+41.22	57.24' LT	681.32
5	160+45.61	56.08' LT	681.33
6	160+25.88	67.68' LT	682.68

- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. SEE NEXT SHEET FOR SEGMENTAL CONCRETE BLOCK WALL DETAILS AND CREAMERY PARKING LOT DETAILS.
  3. ALL STATION AND OFFSET INFORMATION FROM LARAWAY ALIGNMENT
  4. "M.E." = MEETS EXISTING ELEVATION



FILE NAME = sht-ADA-detaile-05.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 10,0005' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:34 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT NELSON RD NE CORNER

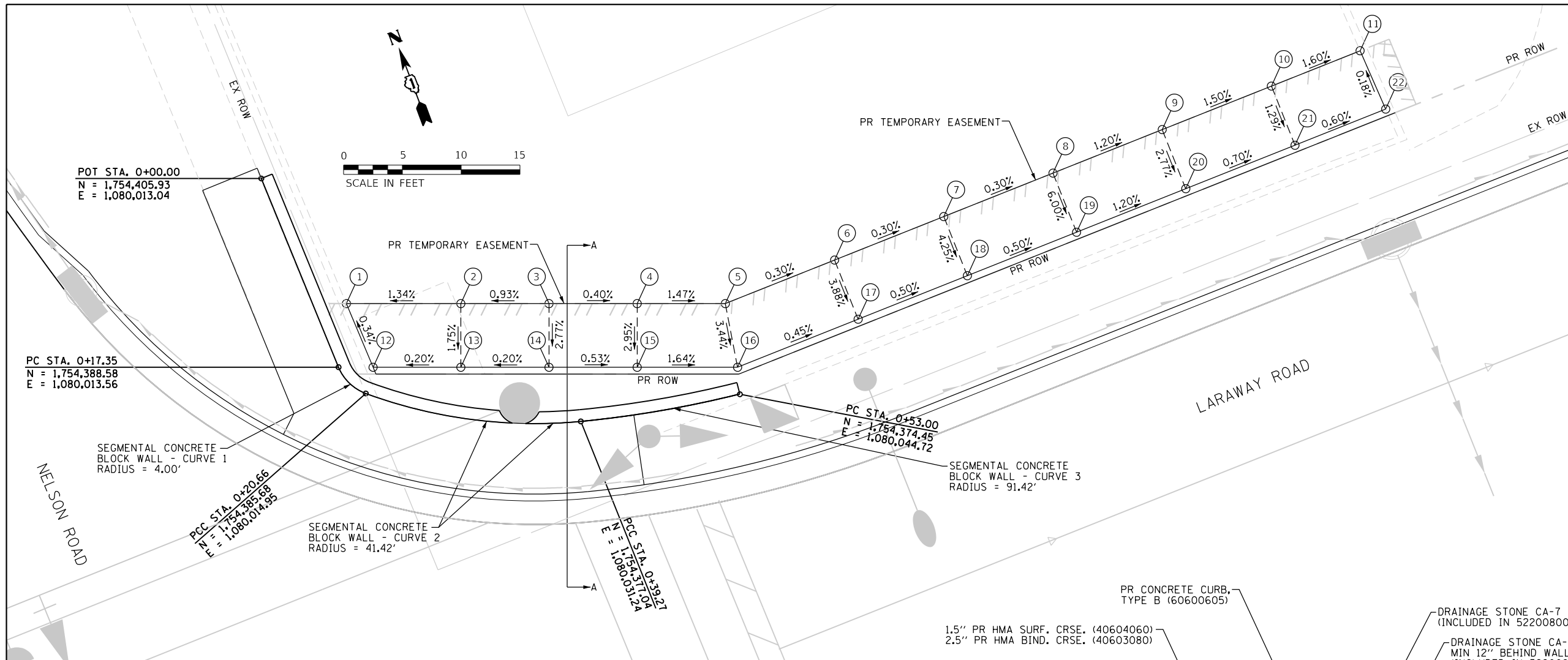
SCALE: 1"=5' SHEET 12 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	243
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= LARAWAY\_Grading.dwg

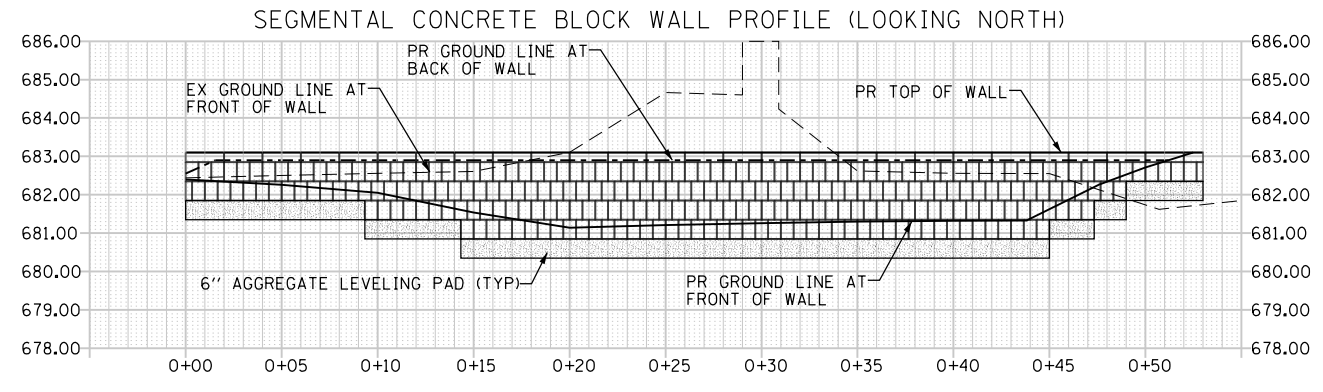
PLOT SCALE  
PLOT DATE  
= 10/0001 / ft  
= 9/9/2022 (12:28:37 PM)

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILL\0117204-01\Drawn\CADD\_Sheets\

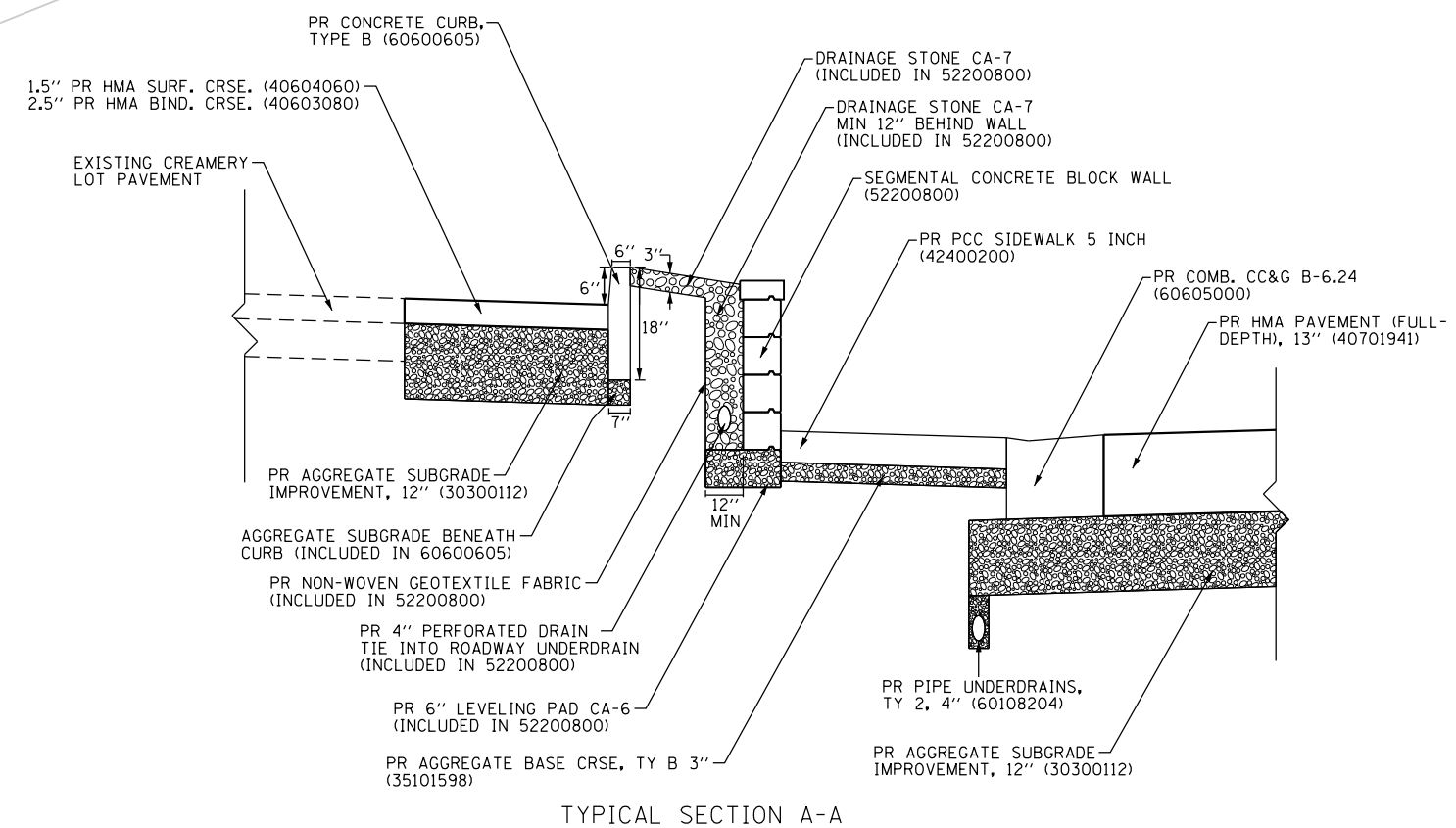


POINT	STA.	OFF.	ELEV.
1	160+26.40	73.93' LT	682.66
2	160+35.45	70.33' LT	682.79
3	160+42.41	67.55' LT	682.86
4	160+49.38	64.78' LT	682.83
5	160+56.35	62.00' LT	682.72
6	160+66.35	62.00' LT	682.69
7	160+76.35	62.00' LT	682.66
8	160+86.35	62.00' LT	682.63
9	160+96.35	62.00' LT	682.41
10	161+06.35	62.00' LT	682.26
11	161+14.46	62.00' LT	682.13
12	160+26.51	68.06' LT	682.68
13	160+33.44	65.30' LT	682.70
14	160+40.41	65.52' LT	682.71
15	160+47.37	59.74' LT	682.67
16	160+55.31	56.58' LT	682.53
17	160+66.35	56.58' LT	682.48
18	160+76.35	56.58' LT	682.43
19	160+86.35	56.58' LT	682.38
20	160+96.35	56.58' LT	682.26
21	161+06.35	56.58' LT	682.19
22	161+14.65	56.58' LT	682.14

- NOTES:
1. ALL STATIONS AND OFFSETS NOT ASSOCIATED WITH THE SEGMENTAL CONCRETE BLOCK WALL ARE GIVEN FROM THE LARAWAY ROAD ALIGNMENT.
  2. SEGMENTAL CONCRETE BLOCK WALL BLOCKS WILL BE ACCURATELY CUT TO CONFORM AROUND THE SIGNAL MAST ARM FOUNDATION. GAP BETWEEN WALL AND FOUNDATION WILL BE FILLED WITH A PREFORMED JOINT FILLER OR OTHER MATERIAL APPROVED BY THE ENGINEER.



- NOTES:
1. SEGMENTAL CONCRETE BLOCK WALL QUANTITY = 99 SQ FT



FILE NAME = sht-grading-deta-07.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 10,0000' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:37 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
CREAMERY SEGMENTAL CONCRETE BLOCK WALL DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	244
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

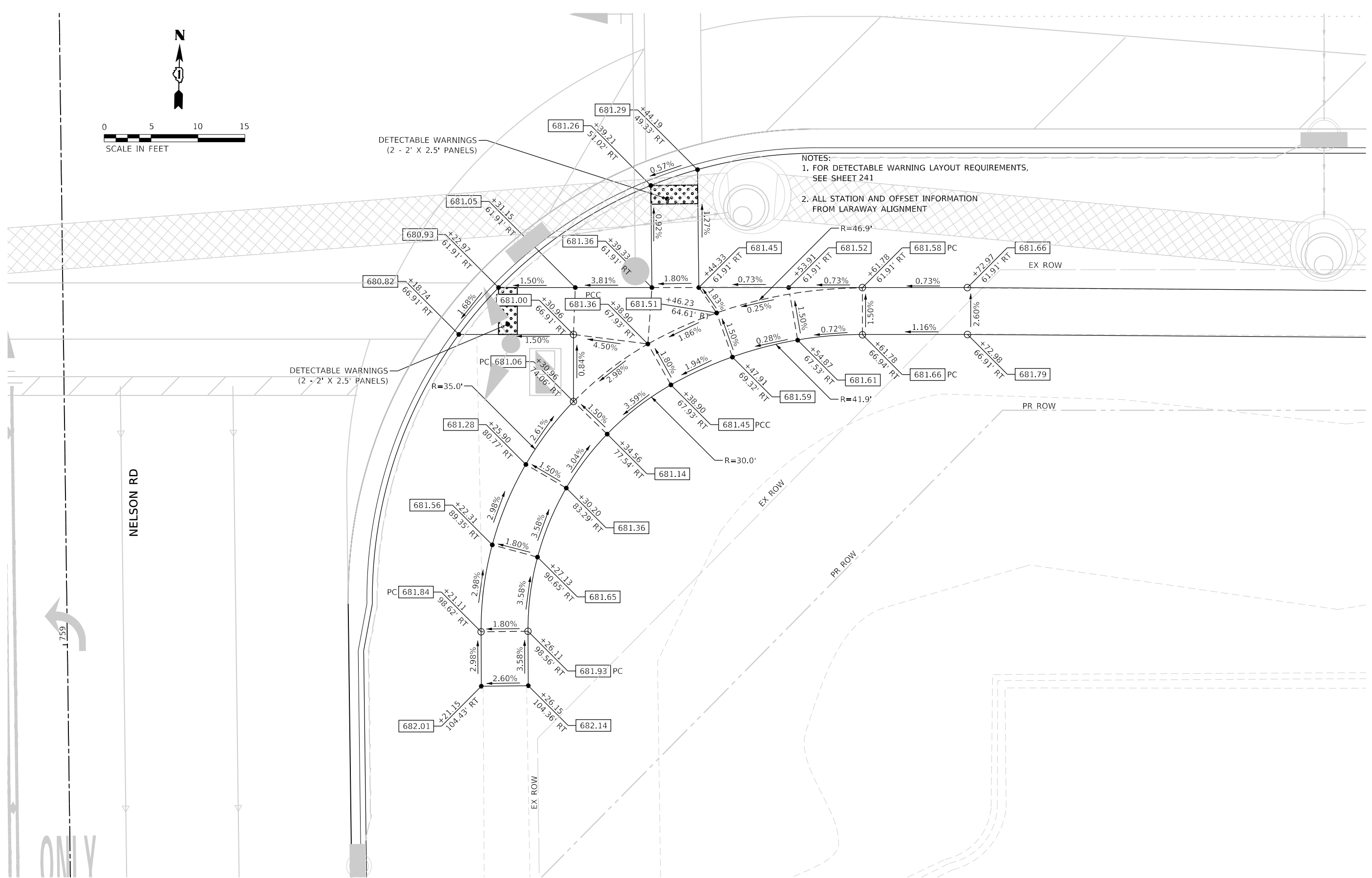
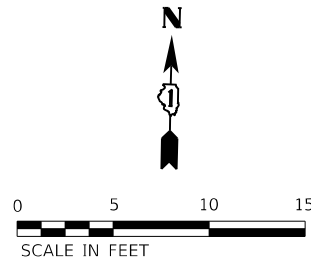
SCALE: 1"=5' SHEET 13 OF 27 SHEETS STA. TO STA.

PLOT DRIVER = PENTABLE  
 PLOT SCALE = 1/4" = 10'-0"

PLOT DATE = 9/9/2022 (12:28:39 PM)

USER NAME = M...  
 DIRECTORY = L:\MILLCOIT704-01\Draw\CADD\_Sheets\

LARAWAY RD



NOTES:  
 1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241  
 2. ALL STATION AND OFFSET INFORMATION FROM LARAWAY ALIGNMENT



FILE NAME = sht-ADA-details-06.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 1/4" = 10'-0"	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:39 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 LARAWAY RD AT NELSON RD SE CORNER  
 SCALE: 1"=5' SHEET 14 OF 27 SHEETS STA. TO STA.

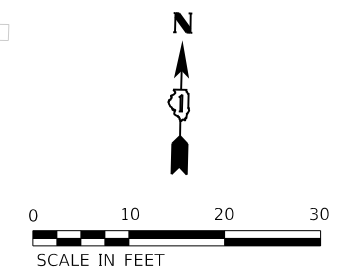
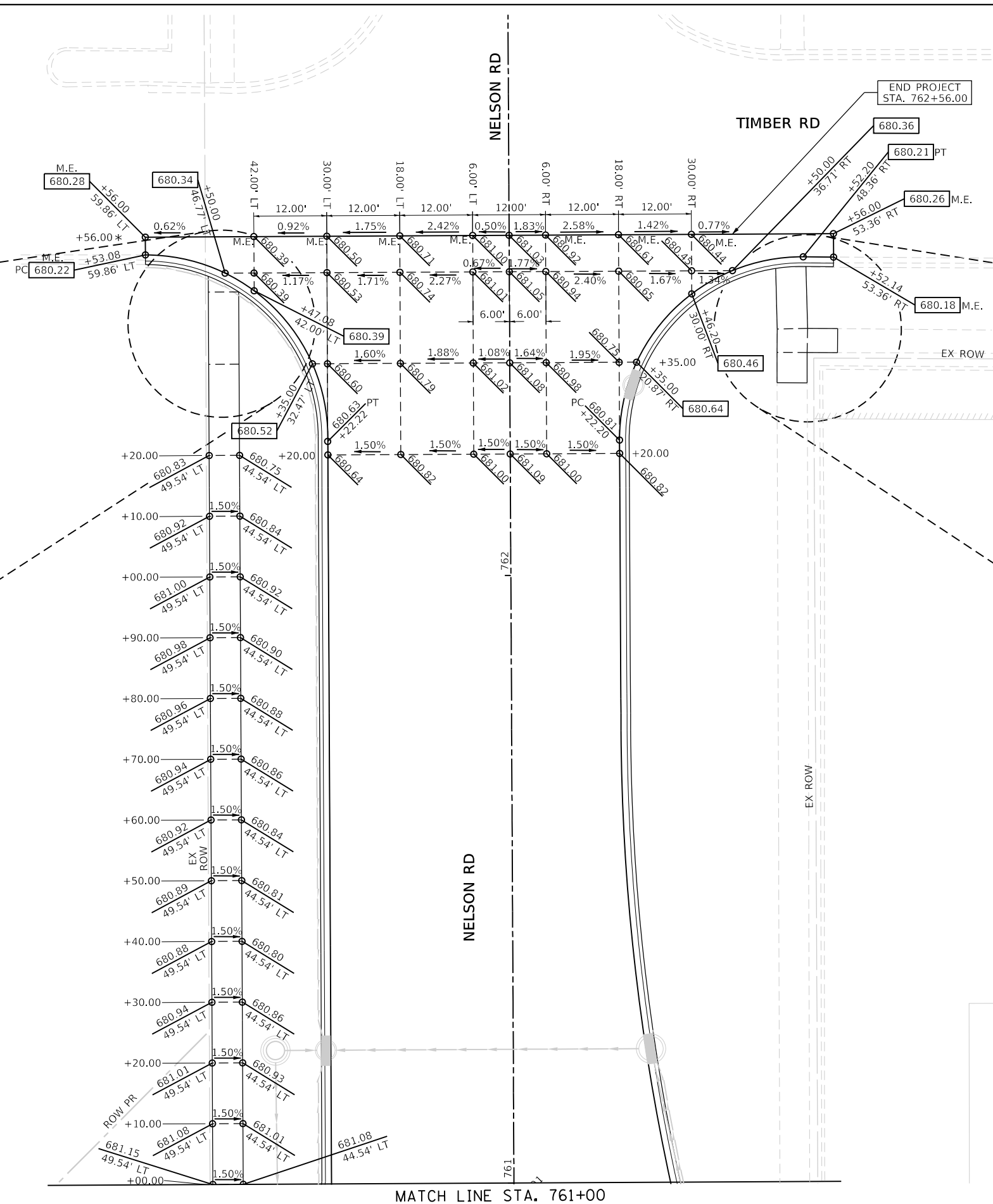
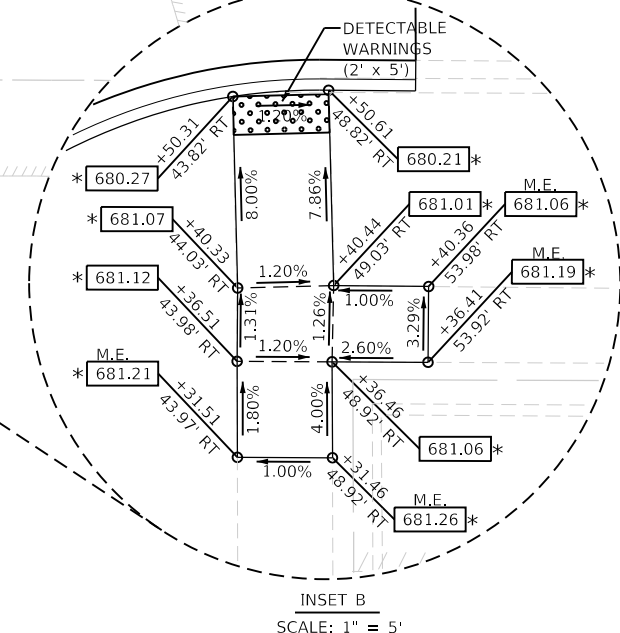
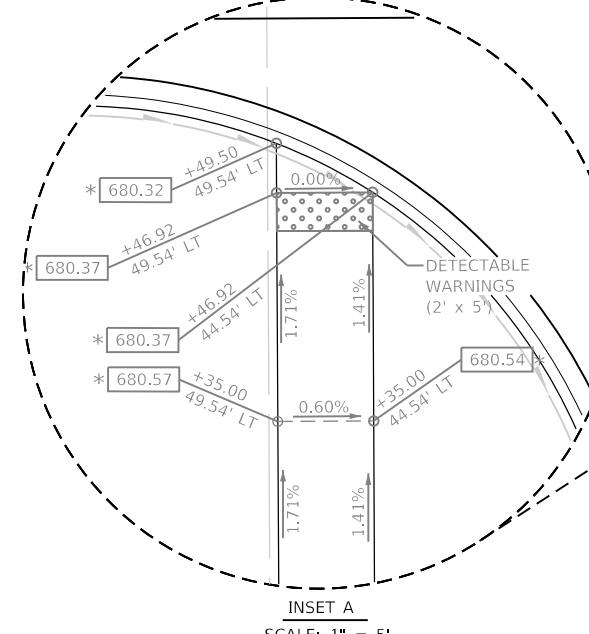
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	245
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= L:\MILLCOIT704-01\Drawn\CADD\_Sheets

PLOT SCALE  
PLOT DATE  
= 20/0009 / 11  
= 9/9/2022 (12:28:40 PM)

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\MILLCOIT704-01\Drawn\CADD\_Sheets

NOTES:  
SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION  
"M.E." = MEETS EXISTING ELEVATION



MATCH LINE STA. 761+00



FILE NAME = sht-pavement-grading-06.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20,0009' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:40 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
NELSON RD  
SCALE: 1"=10' SHEET 15 OF 27 SHEETS STA. TO STA.

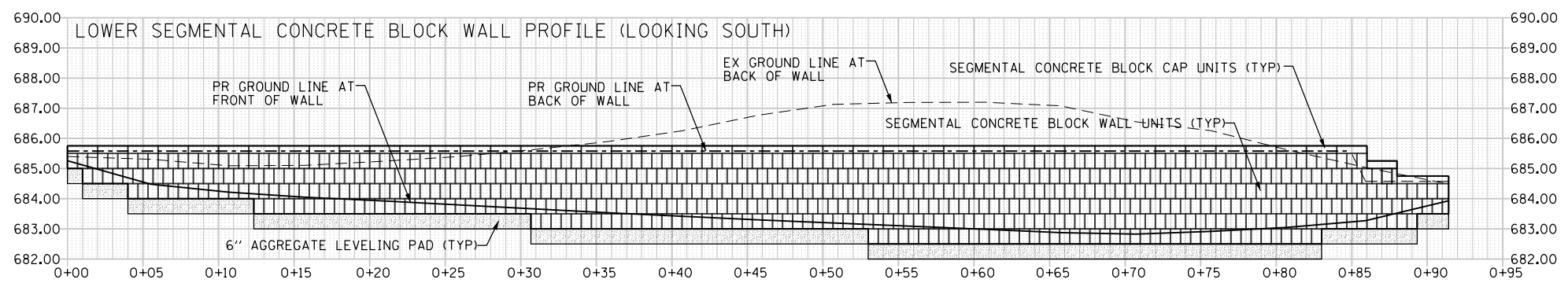
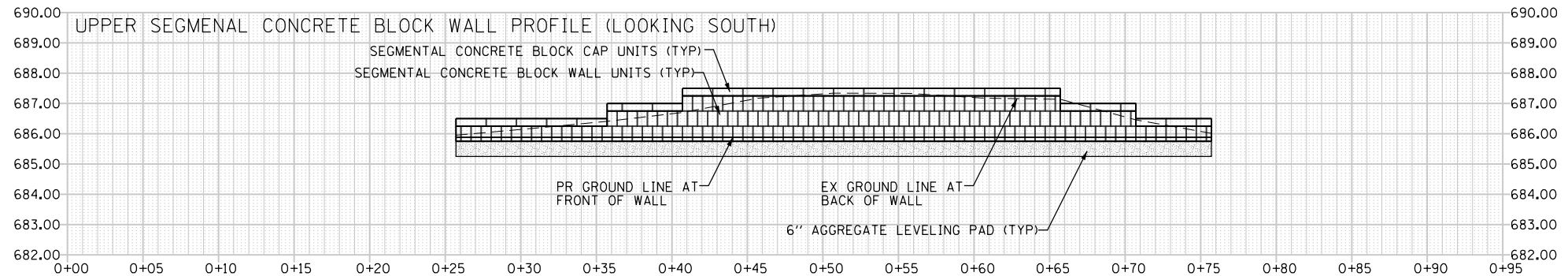
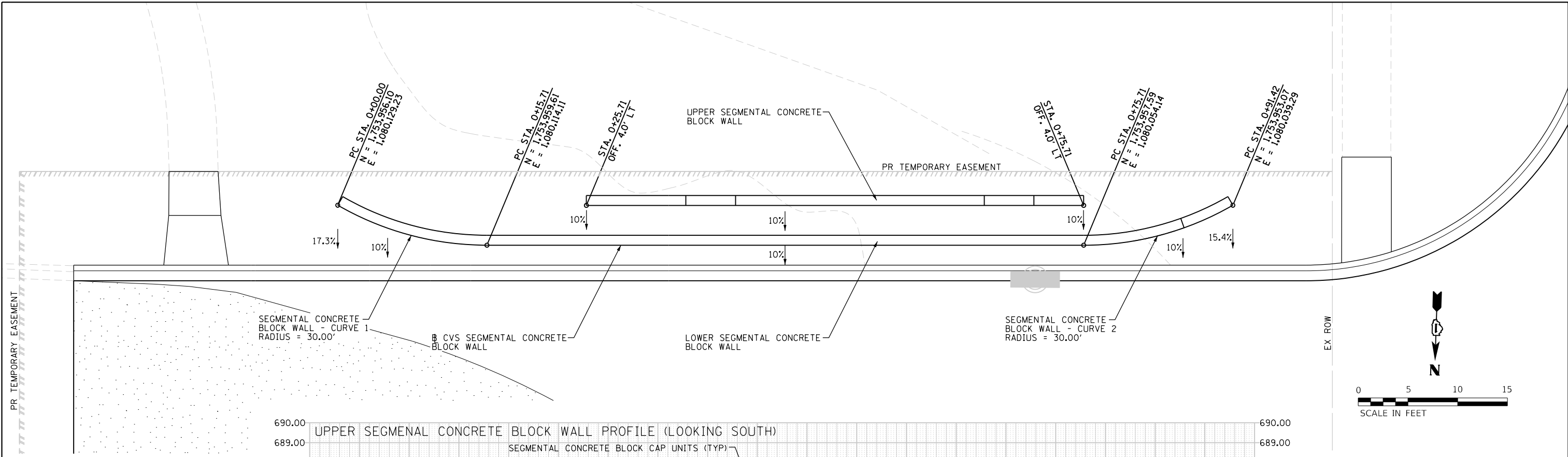
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	246
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



PLOT DRIVER  
PENTABLE  
= L:\MILL\CO17204-01\Drawn\CADD\_Sheet.dwg

PLOT SCALE  
PLOT DATE  
= 10.0000' / 1" = 9/9/2022 (12:28:43 PM)

USER NAME  
DIRECTORY  
= Mike Moses = L:\MILL\CO17204-01\Drawn\CADD\_Sheet.dwg



- NOTES:
- UPPER SEGMENTAL CONCRETE BLOCK WALL QUANTITY = 68 SQ FT
  - LOWER SEGMENTAL CONCRETE BLOCK WALL QUANTITY = 237 SQ FT



FILE NAME = sht-grading-detail-06.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:43 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
CVS SEGMENTAL CONCRETE BLOCK WALL DETAILS

SCALE: 1"=5' SHEET 17 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	248
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

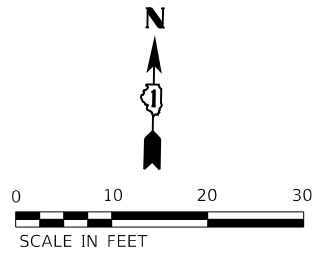
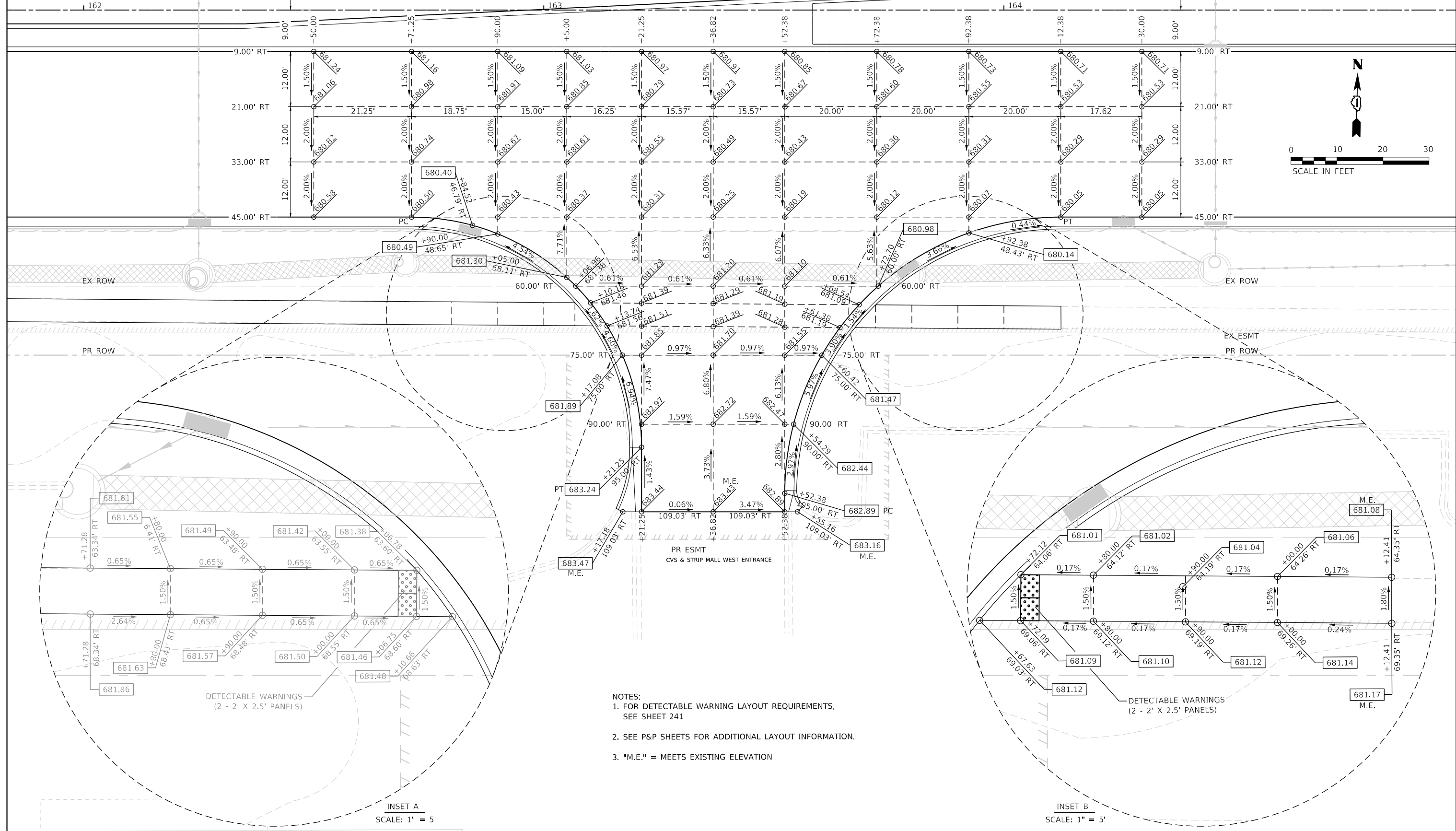


PLOT DRIVER  
PENTABLE  
= L:\M\LAYERS\show.dwg  
= L:\M\LAYERS\show.dwg

PLOT SCALE  
PLOT DATE  
= 20.0009' / ft.  
= 9/9/2022 (12:28:44 PM)

USER NAME  
DIRECTORY  
= Mike Moses  
= L:\M\LAYERS\show.dwg

LARAWAY RD



- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION.
  3. "M.E." = MEETS EXISTING ELEVATION

INSET A  
SCALE: 1" = 5'

INSET B  
SCALE: 1" = 5'



FILE NAME = sht-pavement-grading-10.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20.0009' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:44 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT COMMERCIAL ENTRANCE

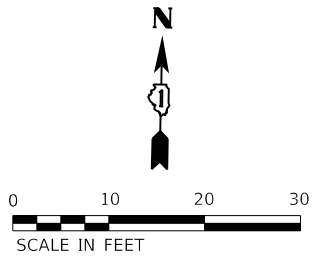
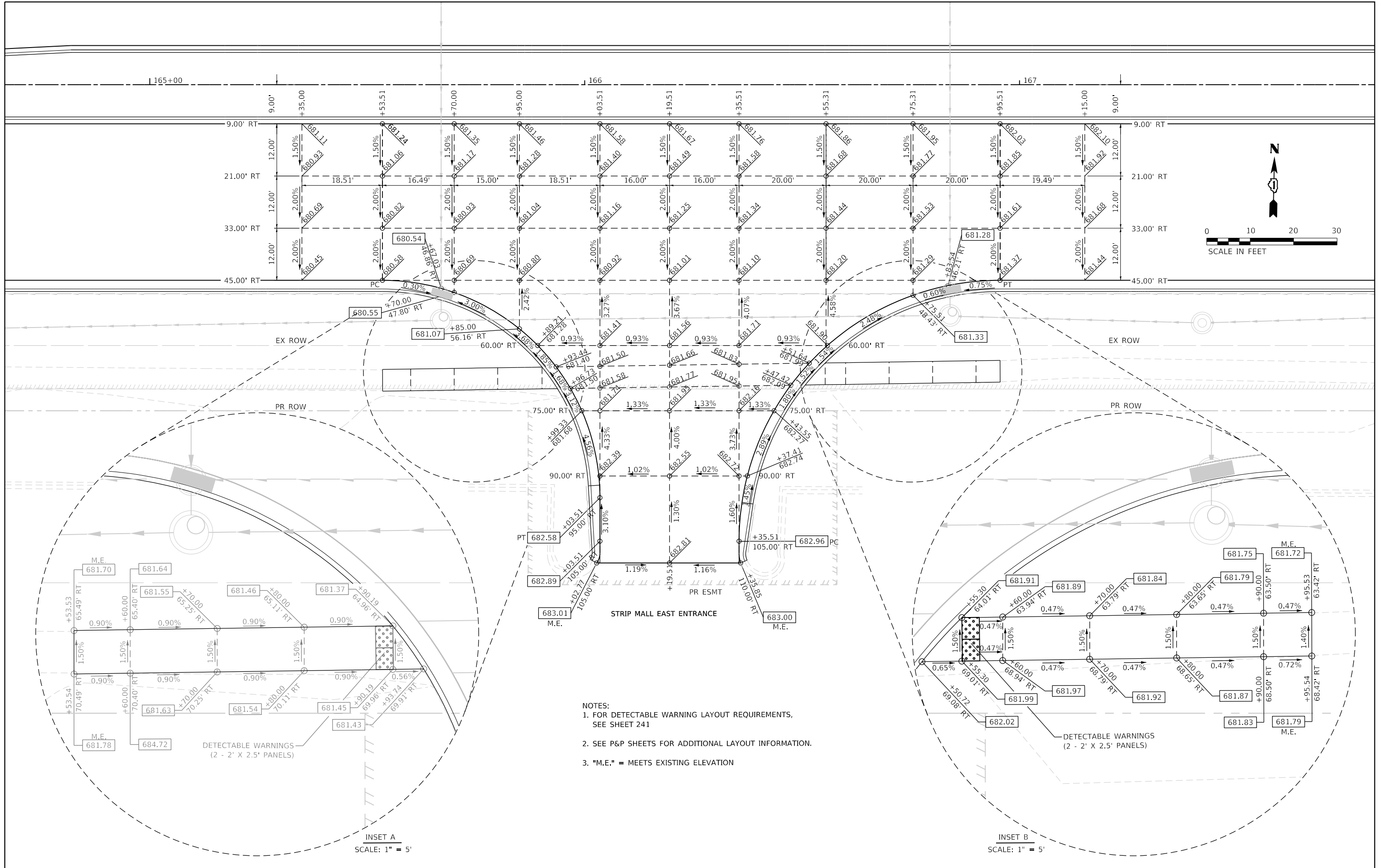
SCALE: 1"=10' SHEET 18 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	249
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE

PLOT SCALE  
PLOT DATE

USER NAME  
DIRECTORY



- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION.
  3. "M.E." = MEETS EXISTING ELEVATION

INSET A  
SCALE: 1" = 5'

INSET B  
SCALE: 1" = 5'



FILE NAME = sht-pavement-grading-11.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20,000.00' / ft.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:45 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT COMMERCIAL ENTRANCE

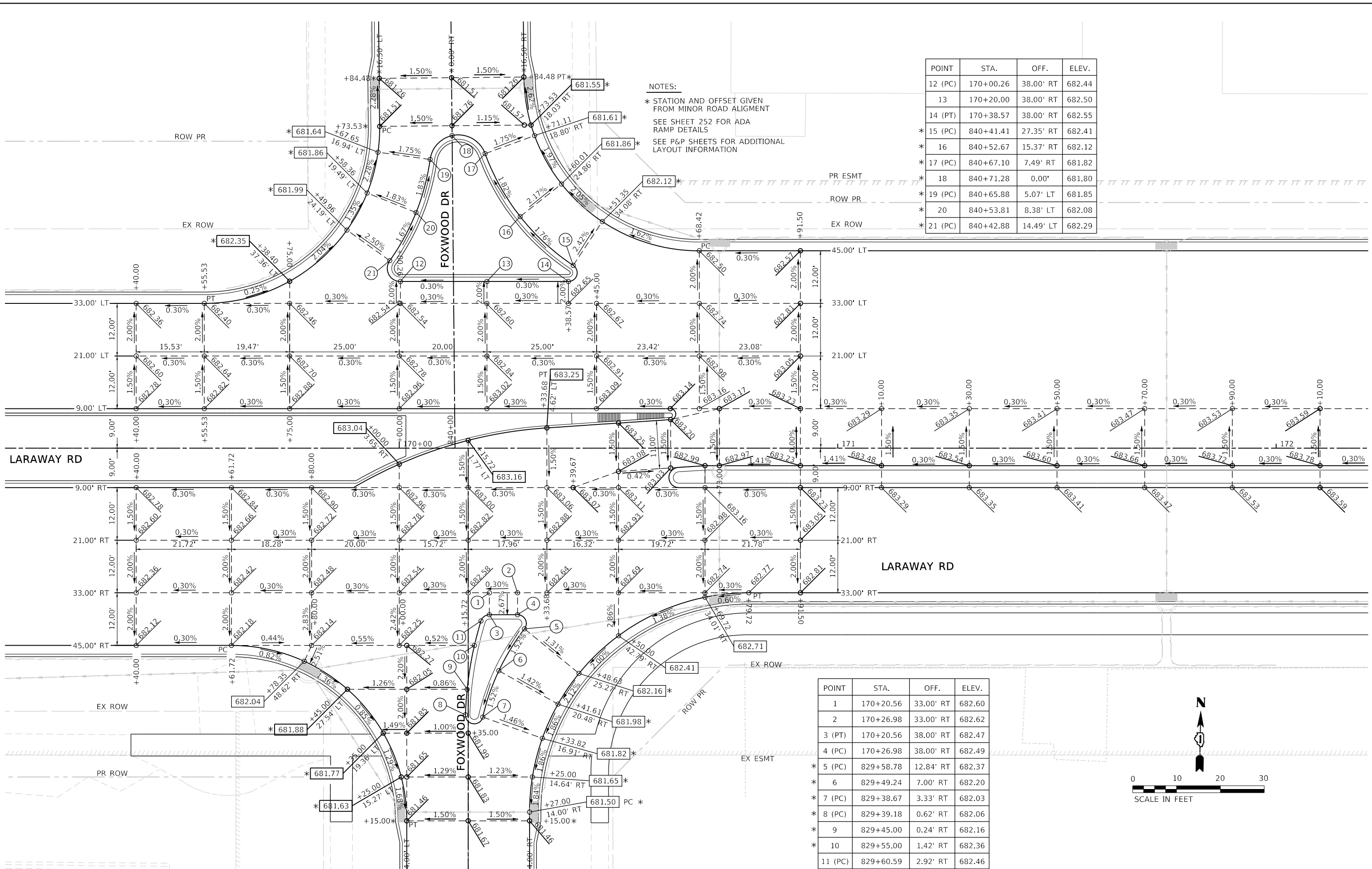
SCALE: 1"=10' SHEET 19 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 0320	SECTION 13-00138-37-PV	COUNTY WILL	TOTAL SHEETS 413	SHEET NO. 250
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = P:\IN\LAYERS\Bw\dwg\Plotting\_Pentable  
 = L:\M\17204-01\Draw\CADD\_Sheets\

PLOT SCALE = 20.0000' / 1" = 9/9/2022 (12:28:46 PM)

USER NAME = Mike Moss  
 DIRECTORY = L:\M\17204-01\Draw\CADD\_Sheets\



NOTES:  
 \* STATION AND OFFSET GIVEN FROM MINOR ROAD ALIGNMENT  
 SEE SHEET 252 FOR ADA RAMP DETAILS  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION

POINT	STA.	OFF.	ELEV.
12 (PC)	170+00.26	38.00' RT	682.44
13	170+20.00	38.00' RT	682.50
14 (PT)	170+38.57	38.00' RT	682.55
* 15 (PC)	840+41.41	27.35' RT	682.41
* 16	840+52.67	15.37' RT	682.12
* 17 (PC)	840+67.10	7.49' RT	681.82
* 18	840+71.28	0.00'	681.80
* 19 (PC)	840+65.88	5.07' LT	681.85
* 20	840+53.81	8.38' LT	682.08
* 21 (PC)	840+42.88	14.49' LT	682.29

POINT	STA.	OFF.	ELEV.
1	170+20.56	33.00' RT	682.60
2	170+26.98	33.00' RT	682.62
3 (PT)	170+20.56	38.00' RT	682.47
4 (PC)	170+26.98	38.00' RT	682.49
* 5 (PC)	829+58.78	12.84' RT	682.37
* 6	829+49.24	7.00' RT	682.20
* 7 (PC)	829+38.67	3.33' RT	682.03
* 8 (PC)	829+39.18	0.62' RT	682.06
* 9	829+45.00	0.24' RT	682.16
* 10	829+55.00	1.42' RT	682.36
* 11 (PC)	829+60.59	2.92' RT	682.46



FILE NAME = sht-pavement-grading-12.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 20.0000' / 1"  
 PLOT DATE = 9/9/2022 - 12:28:46 PM

DESIGNED - BRF  
 DRAWN - PML  
 CHECKED - JMS  
 DATE - 09/09/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 LARAWAY RD AT FOXWOOD DR

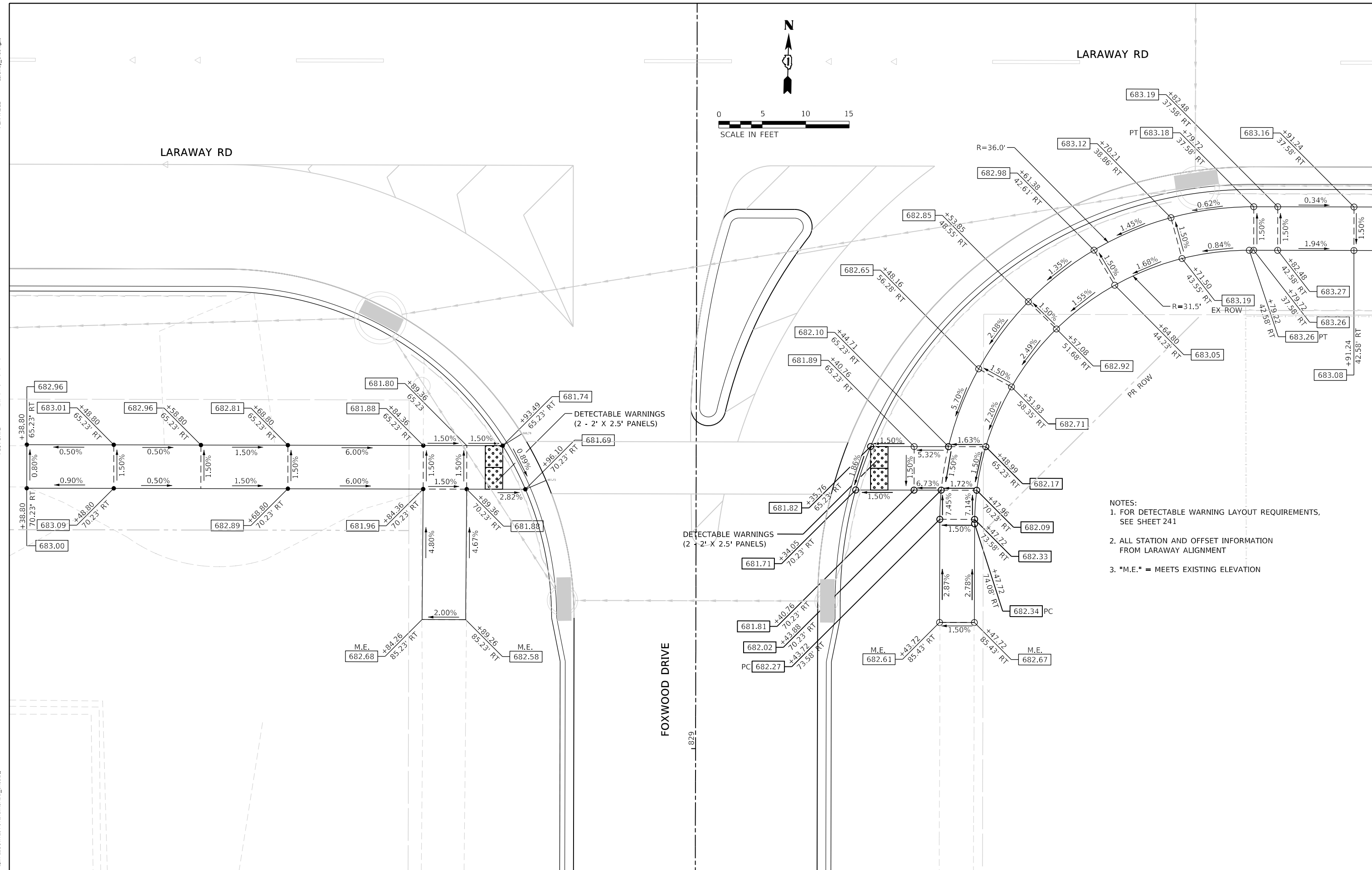
SCALE: 1"=10' SHEET 20 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	251
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE  
= Laraway\_Gradg.dwg

PLOT SCALE  
PLOT DATE  
= 10,000.5' / ft.  
= 9/9/2022 (12:28:48 PM)

USER NAME  
DIRECTORY  
= Mike Moses  
= L:\MILLCOIT\704-01\Drawn\CADD\_Sheets\_L



- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. ALL STATION AND OFFSET INFORMATION FROM LARAWAY ALIGNMENT
  3. "M.E." = MEETS EXISTING ELEVATION



FILE NAME	= sht-ADA-details-09.dgn	DESIGNED	- BRF	REVISED	-
MODEL NAME	= Default	DRAWN	- PML	REVISED	-
PLOT SCALE	= 10,000.5' / ft.	CHECKED	- JMS	REVISED	-
PLOT DATE	= 9/9/2022 - 12:28:48 PM	DATE	- 09/09/2022	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

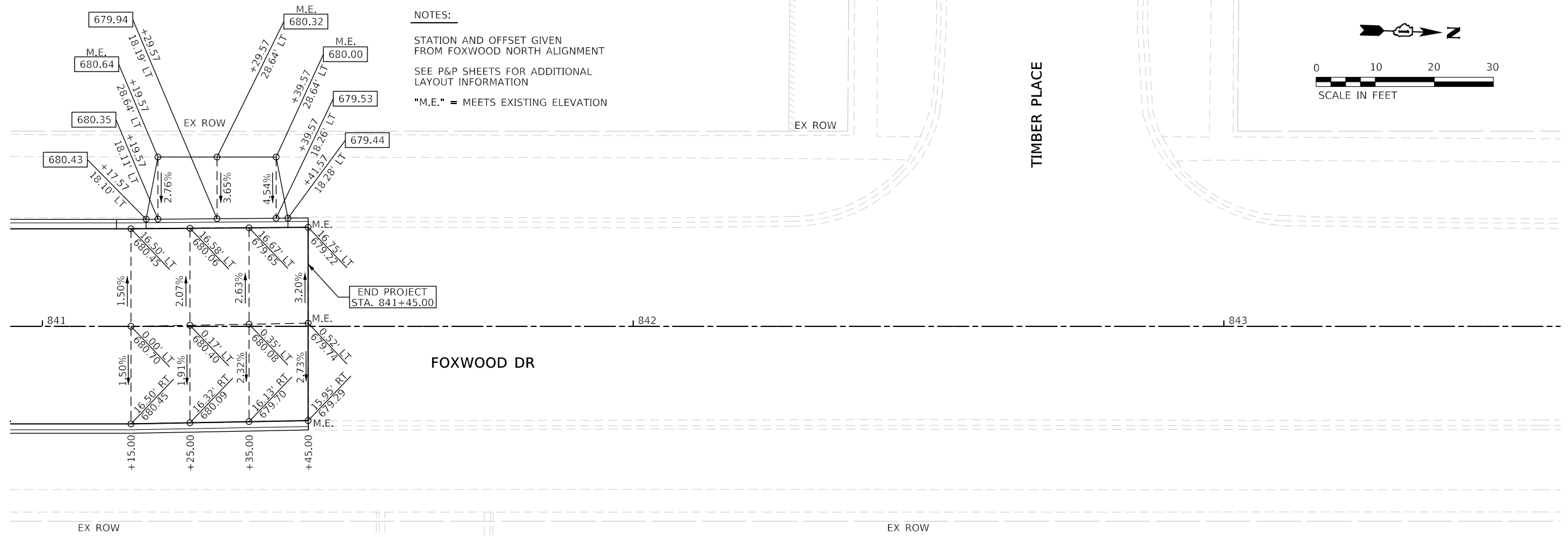
SIDEWALK/ADA GRADING DETAILS  
LARAWAY RD AT FOXWOOD DR SW CORNER

SCALE: 1"=5' SHEET 21 OF 27 SHEETS STA. TO STA.

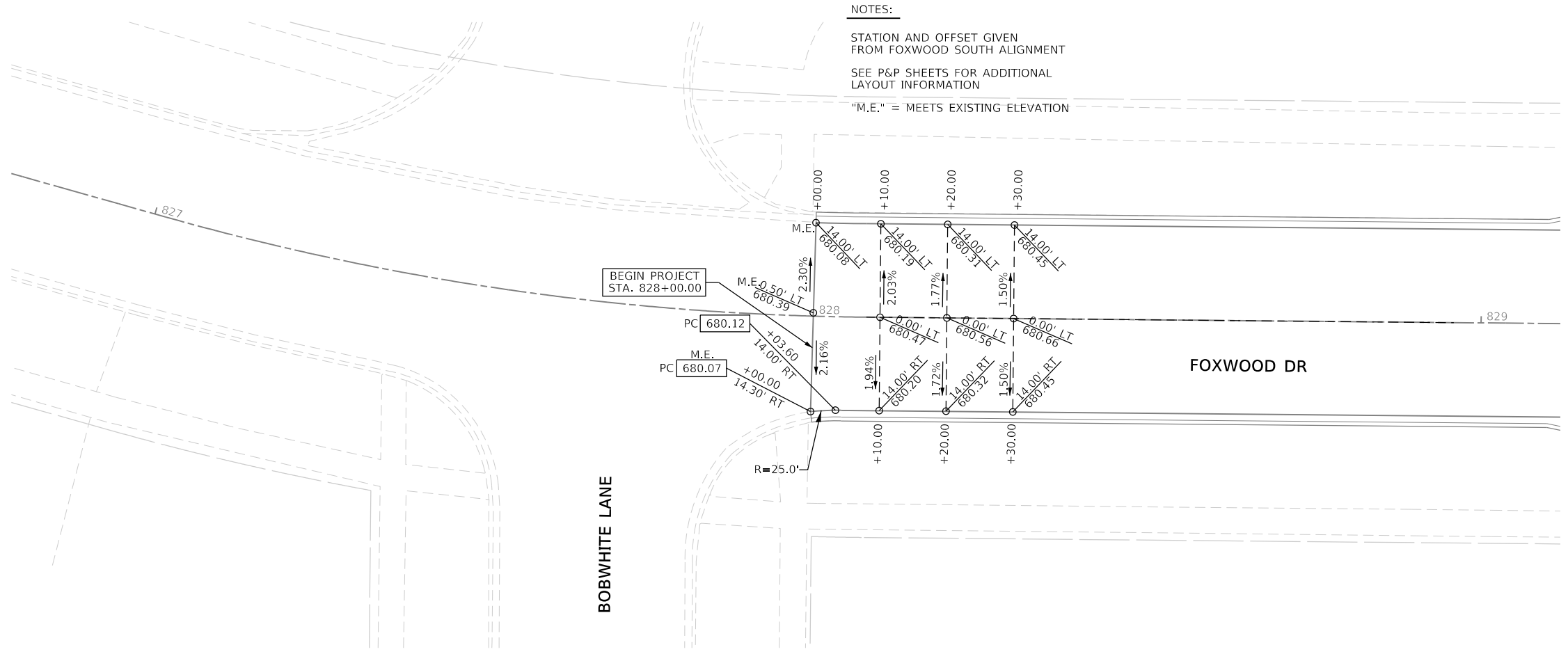
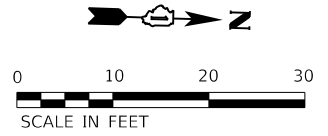
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	252
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

PLOT DRIVER = PLOTTABLE  
 PLOT SCALE = 1"=10'  
 PLOT DATE = 9/9/2022 12:29:49 PM

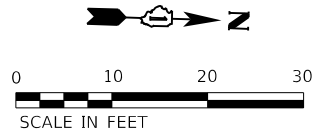
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 MODEL NAME = Default  
 PLOT SCALE = 1"=10'  
 PLOT DATE = 9/9/2022 12:29:49 PM



NOTES:  
 STATION AND OFFSET GIVEN FROM FOXWOOD NORTH ALIGNMENT  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION  
 "M.E." = MEETS EXISTING ELEVATION



NOTES:  
 STATION AND OFFSET GIVEN FROM FOXWOOD SOUTH ALIGNMENT  
 SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION  
 "M.E." = MEETS EXISTING ELEVATION



FILE NAME = sht-pavement-grading-14.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 1"=10'	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 12:29:49 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 FOXWOOD DR NORTH & SOUTH LEGS

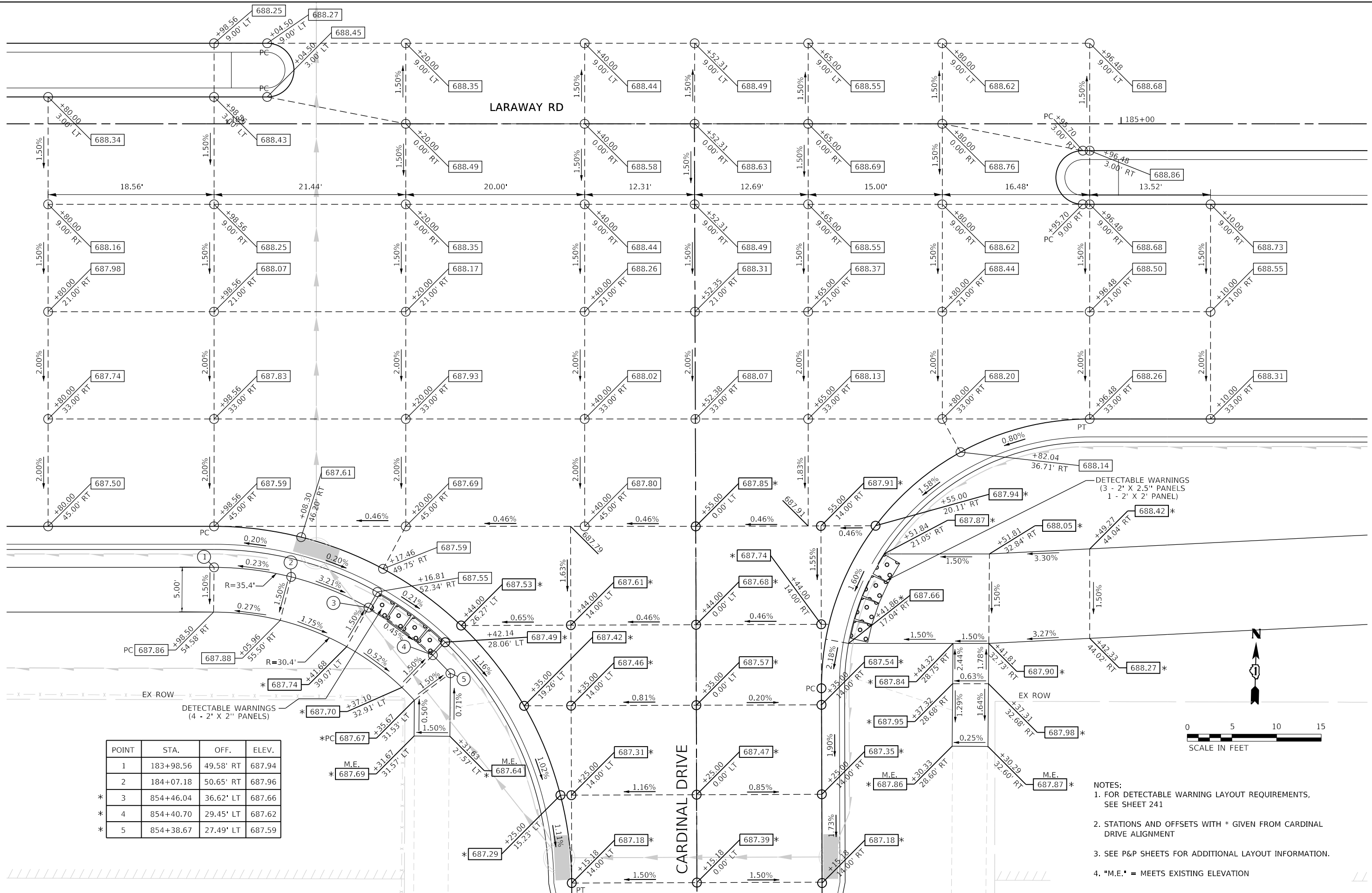
SCALE: 1"=10' SHEET 22 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	253
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE = L:\M\LAYERS\Bw\Jedg  
Laraway\_Gradg13.dwg

PLOT SCALE  
PLOT DATE = 10.0005 / ft  
= 9/9/2022 (12:29:51 PM)

USER NAME  
DIRECTORY = M:\s\moss  
= L:\M\LC0117204-01\Draw\CADD\_Sheets\



POINT	STA.	OFF.	ELEV.
1	183+98.56	49.58' RT	687.94
2	184+07.18	50.65' RT	687.96
* 3	854+46.04	36.62' LT	687.66
* 4	854+40.70	29.45' LT	687.62
* 5	854+38.67	27.49' LT	687.59

- NOTES:
- FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  - STATIONS AND OFFSETS WITH \* GIVEN FROM CARDINAL DRIVE ALIGNMENT
  - SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION.
  - \*M.E.\* = MEETS EXISTING ELEVATION



FILE NAME = sht-pavement-grading-13.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 10.0005 / ft  
 PLOT DATE = 9/9/2022 - 12:29:51 PM

DESIGNED - BRF  
 DRAWN - PML  
 CHECKED - JMS  
 DATE - 09/09/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT GRADING PLAN  
 LARAWAY RD AT CARDINAL DR  
 SCALE: 1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	254

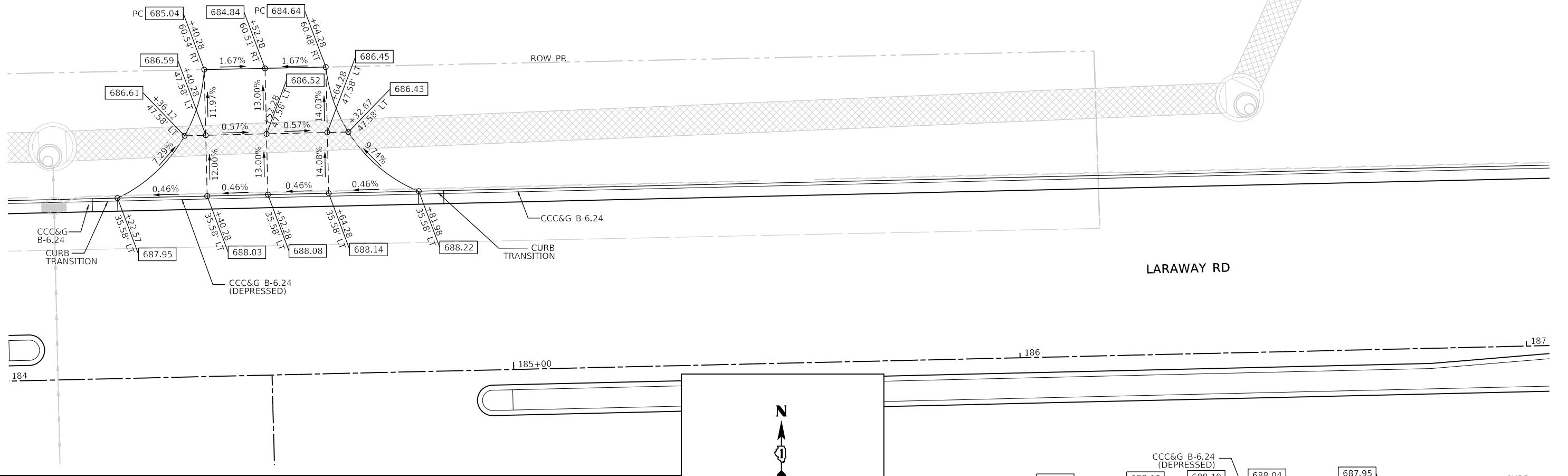
CONTRACT NO. 61H20

ILLINOIS FED. AID PROJECT

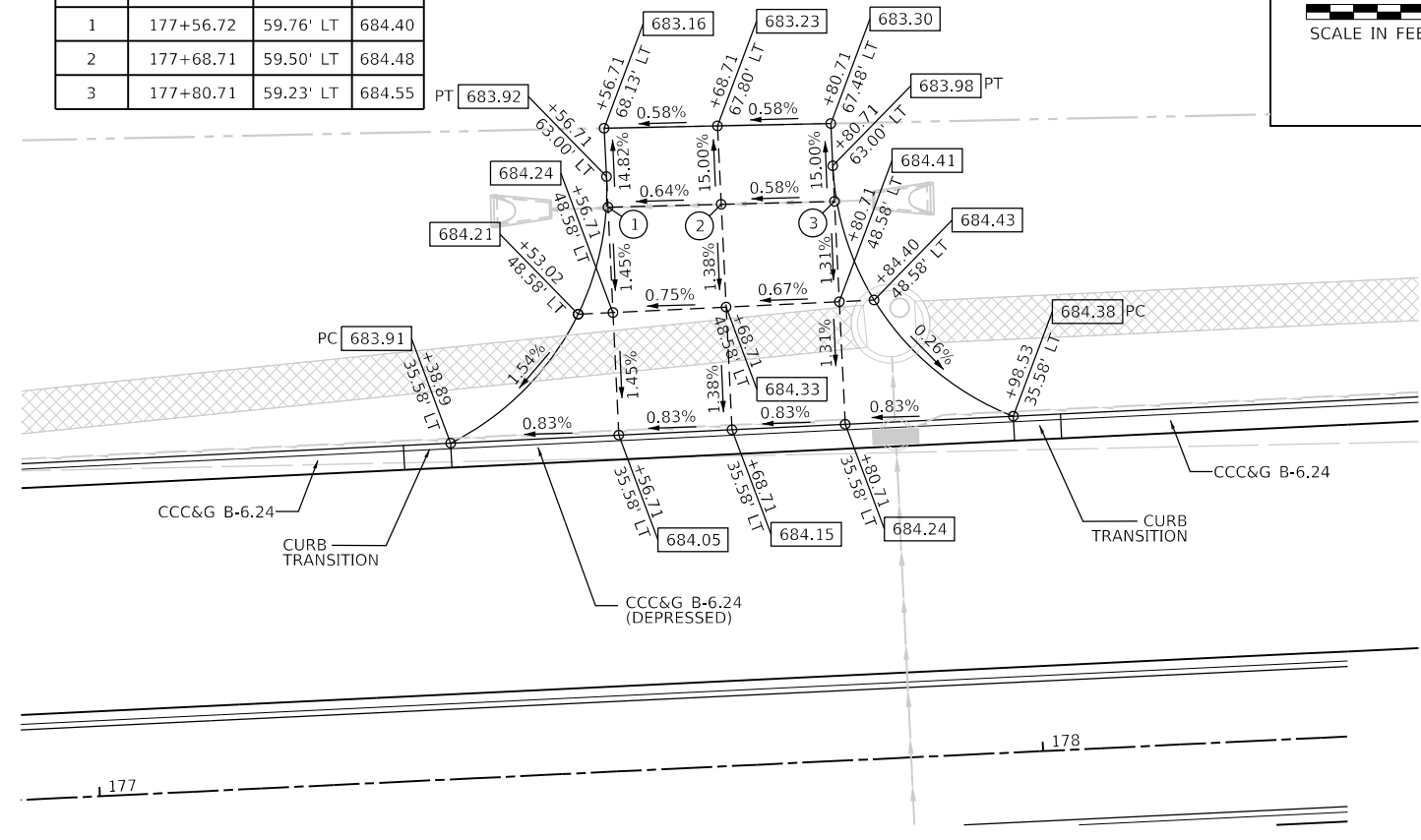
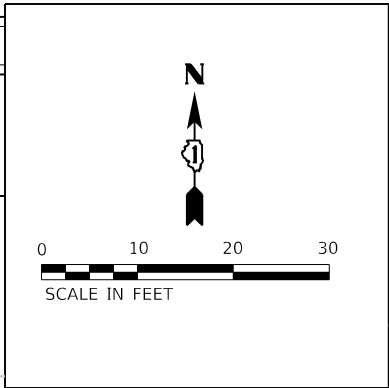
PLOT DRIVER = PENTABLE  
 LARAWAY\_Gradings.dwg

PLOT SCALE = 20.0000' / 1" = 9/9/2022 (12:29:52 PM)

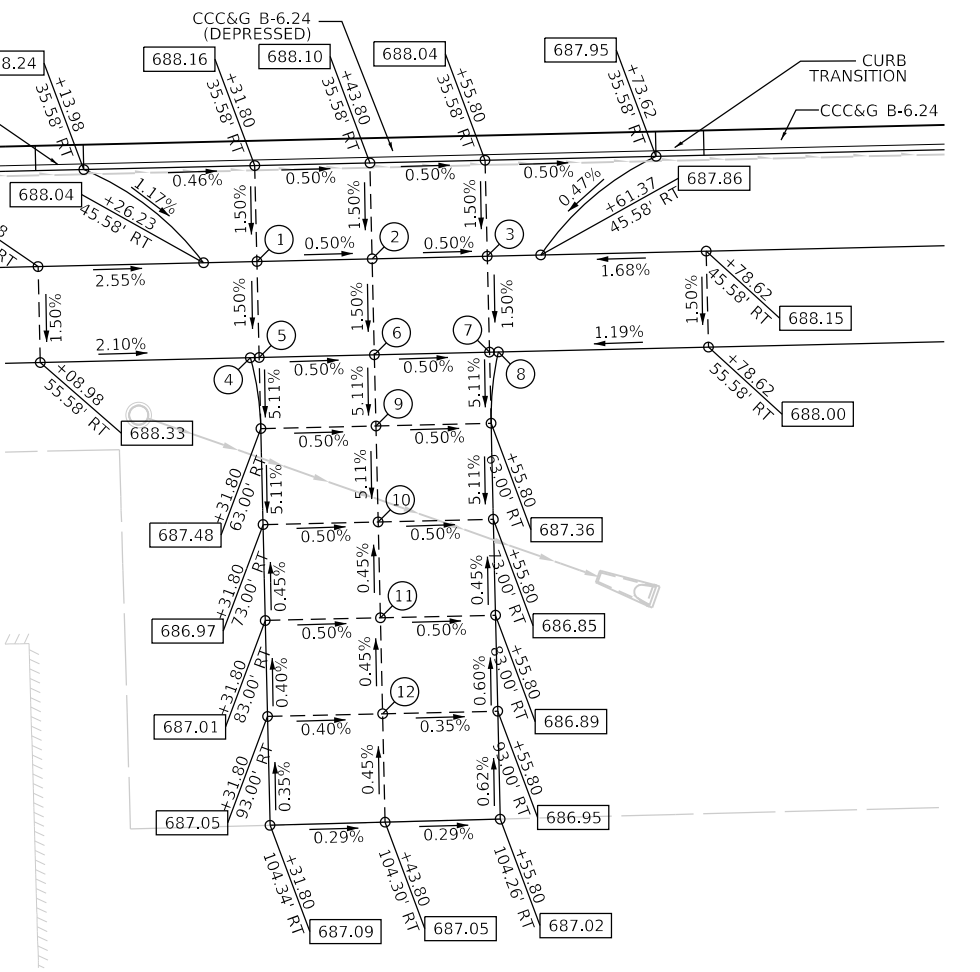
USER NAME = M:\Users\m...  
 DIRECTORY = L:\MILL\COIT\7204-01\Draw\CADD\_Sheets\



POINT	STA.	OFF.	ELEV.
1	177+56.72	59.76' LT	684.40
2	177+68.71	59.50' LT	684.48
3	177+80.71	59.23' LT	684.55



POINT	STA.	OFF.	ELEV.
1	186+31.80	45.58' RT	688.01
2	186+43.80	45.58' RT	687.95
3	186+55.80	45.58' RT	687.90
4	186+30.87	55.58' RT	687.87
5	186+31.80	55.58' RT	687.86
6	186+43.80	55.58' RT	687.80
7	186+55.80	55.58' RT	687.75
8	186+56.73	55.58' RT	687.74
9	186+43.80	63.00' RT	687.42
10	186+43.80	73.00' RT	686.91
11	186+43.80	83.00' RT	686.95
12	186+43.80	93.00' RT	687.00



FILE NAME = sht-grading-details-04.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 20.0000' / 1"  
 PLOT DATE = 9/9/2022 - 12:29:52 PM

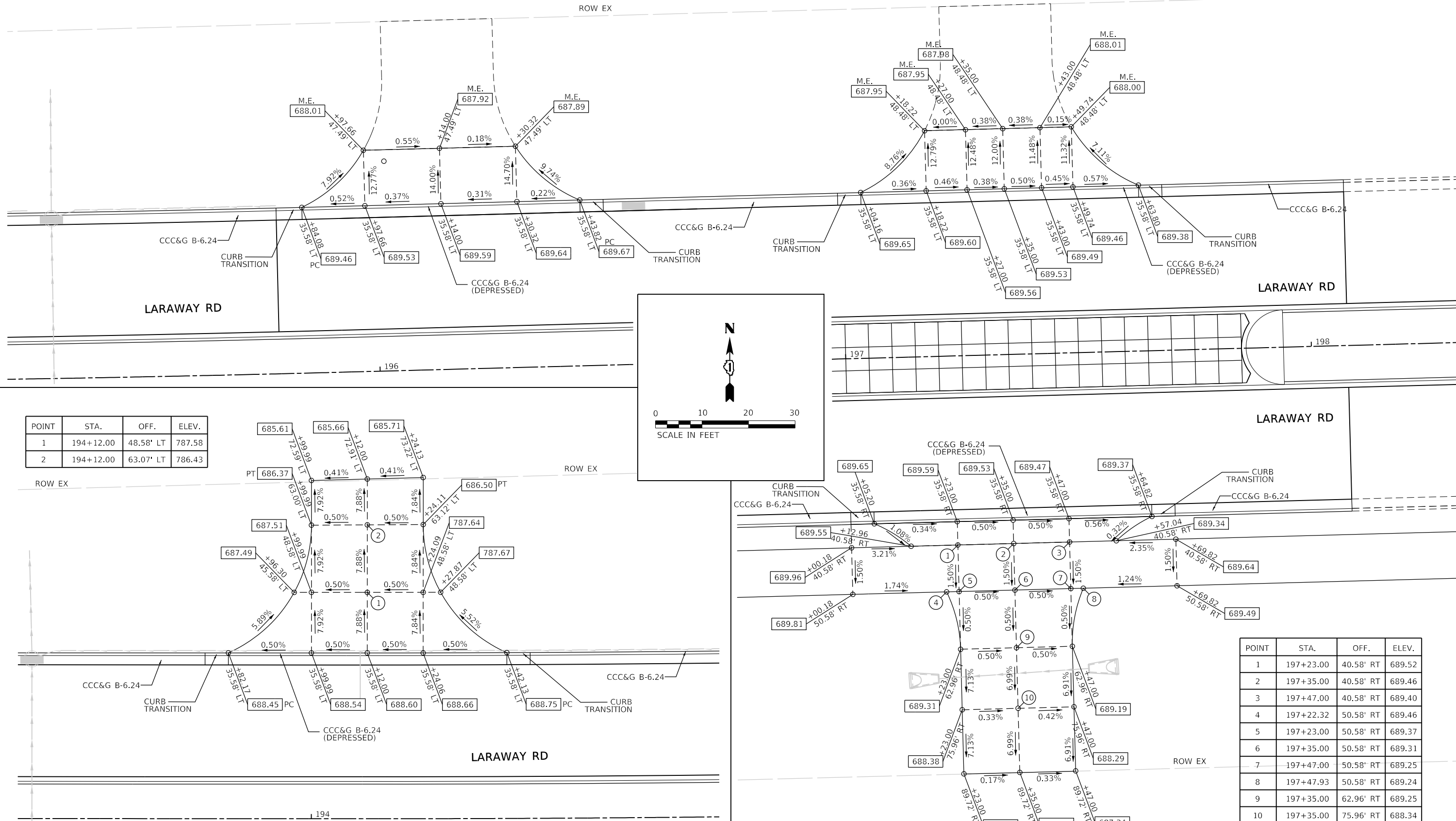
DESIGNED - JMS  
 DRAWN - PML  
 CHECKED - JMS  
 DATE - 09/09/2022

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
 EASTERN DRIVEWAYS

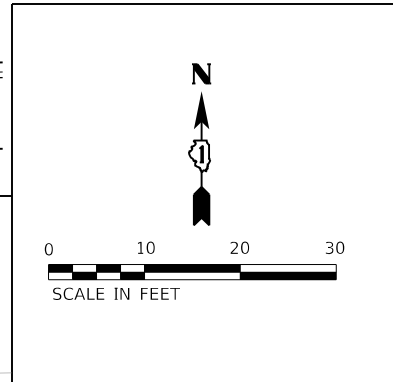
SCALE: 1"=10' SHEET 24 OF 27 SHEETS STA. \_ TO STA. \_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	255
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				



POINT	STA.	OFF.	ELEV.
1	194+12.00	48.58' LT	787.58
2	194+12.00	63.07' LT	786.43

POINT	STA.	OFF.	ELEV.
1	197+23.00	40.58' RT	689.52
2	197+35.00	40.58' RT	689.46
3	197+47.00	40.58' RT	689.40
4	197+22.32	50.58' RT	689.46
5	197+23.00	50.58' RT	689.37
6	197+35.00	50.58' RT	689.31
7	197+47.00	50.58' RT	689.25
8	197+47.93	50.58' RT	689.24
9	197+35.00	62.96' RT	689.25
10	197+35.00	75.96' RT	688.34



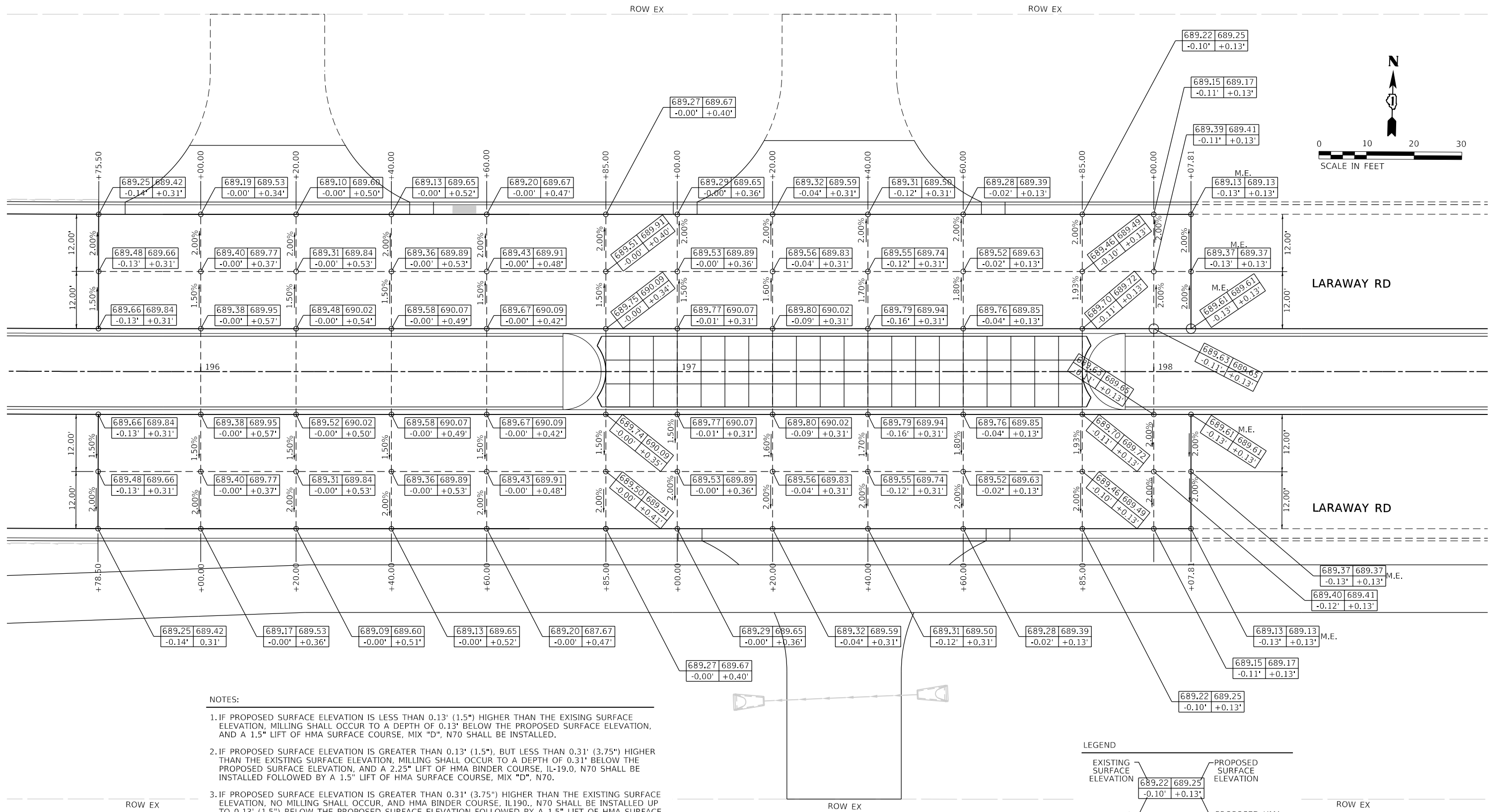
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	MODEL NAME = Default	DRAWN - PML	REVISED -
	PLOT SCALE = 20.0009' / In.	CHECKED - JMS	REVISED -
	PLOT DATE = 9/9/2022 - 12:29:53 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS	
EASTERN DRIVEWAYS	
SCALE: 1"=10'	SHEET 25 OF 27 SHEETS
STA. _	TO STA. _

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	256
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

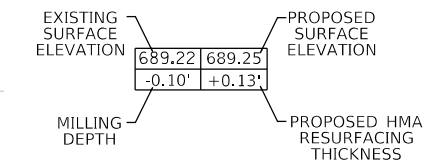




NOTES:

1. IF PROPOSED SURFACE ELEVATION IS LESS THAN 0.13' (1.5") HIGHER THAN THE EXISTING SURFACE ELEVATION, MILLING SHALL OCCUR TO A DEPTH OF 0.13' BELOW THE PROPOSED SURFACE ELEVATION, AND A 1.5" LIFT OF HMA SURFACE COURSE, MIX "D", N70 SHALL BE INSTALLED.
2. IF PROPOSED SURFACE ELEVATION IS GREATER THAN 0.13' (1.5"), BUT LESS THAN 0.31' (3.75") HIGHER THAN THE EXISTING SURFACE ELEVATION, MILLING SHALL OCCUR TO A DEPTH OF 0.31' BELOW THE PROPOSED SURFACE ELEVATION, AND A 2.25" LIFT OF HMA BINDER COURSE, IL-19.0, N70 SHALL BE INSTALLED FOLLOWED BY A 1.5" LIFT OF HMA SURFACE COURSE, MIX "D", N70.
3. IF PROPOSED SURFACE ELEVATION IS GREATER THAN 0.31' (3.75") HIGHER THAN THE EXISTING SURFACE ELEVATION, NO MILLING SHALL OCCUR, AND HMA BINDER COURSE, IL19.0, N70 SHALL BE INSTALLED UP TO 0.13' (1.5") BELOW THE PROPOSED SURFACE ELEVATION FOLLOWED BY A 1.5" LIFT OF HMA SURFACE COURSE, MIX "D", N70.
4. "M.E." = MEETS EXISTING ELEVATION

LEGEND



FILE NAME = sht-pavement-grading-15.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20,000' / 1"	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:55 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD EAST END MILL & RESURFACE

SCALE: 1"=10' SHEET 26 OF 27 SHEETS STA. TO STA.

F.A.U. RTE. 0320	SECTION 13-00138-37-PV	COUNTY WILL	TOTAL SHEETS 413	SHEET NO. 257
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER  
PENTABLE

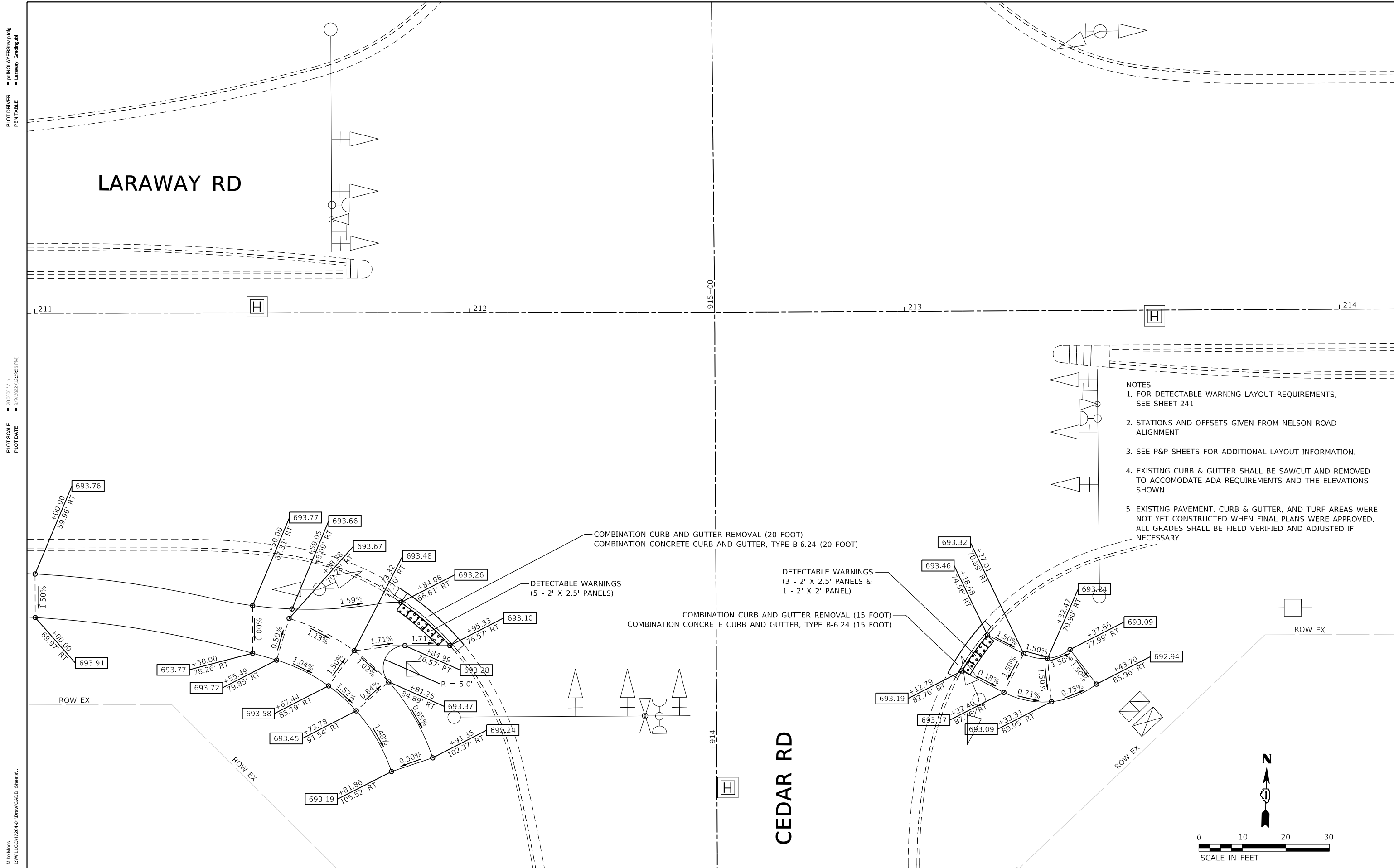
PLOT SCALE  
PLOT DATE

USER NAME  
DIRECTORY

LARAWAY RD

CEDAR RD

- NOTES:
1. FOR DETECTABLE WARNING LAYOUT REQUIREMENTS, SEE SHEET 241
  2. STATIONS AND OFFSETS GIVEN FROM NELSON ROAD ALIGNMENT
  3. SEE P&P SHEETS FOR ADDITIONAL LAYOUT INFORMATION.
  4. EXISTING CURB & GUTTER SHALL BE SAWCUT AND REMOVED TO ACCOMMODATE ADA REQUIREMENTS AND THE ELEVATIONS SHOWN.
  5. EXISTING PAVEMENT, CURB & GUTTER, AND TURF AREAS WERE NOT YET CONSTRUCTED WHEN FINAL PLANS WERE APPROVED. ALL GRADES SHALL BE FIELD VERIFIED AND ADJUSTED IF NECESSARY.



FILE NAME = sht-ADA-details-11.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - PML	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:28:56 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY/DRIVEWAY/SIDEWALK GRADING DETAILS  
LARAWAY RD AT CEDAR RD SW AND SE CORNERS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	258
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=10' SHEET 27 OF 27 SHEETS STA. TO STA.

PLOT DRIVER  
PENTABLE

PLOT SCALE  
PLOT DATE

USER NAME  
DIRECTORY

**LEGEND**

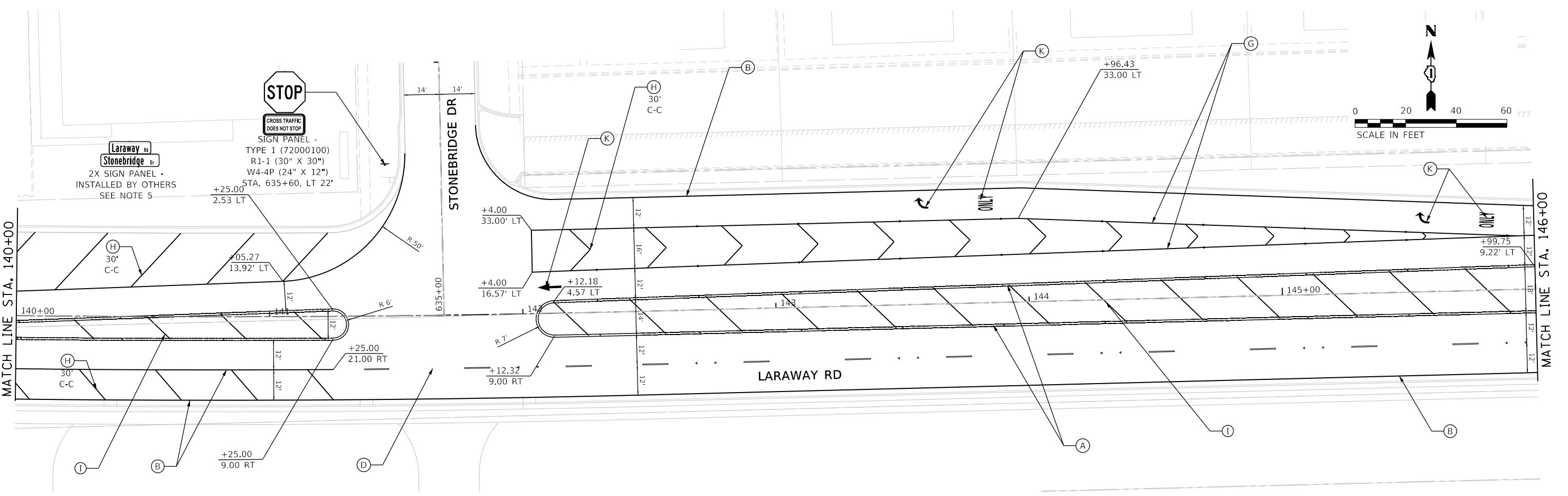
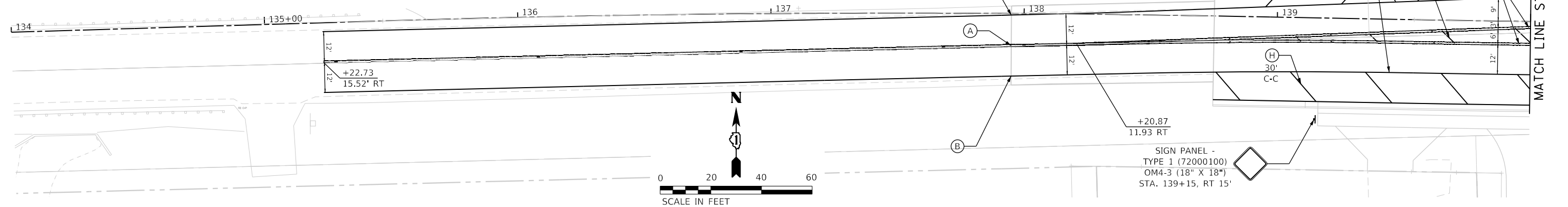
	EXISTING GROUND MOUNTED SIGN		ONE-WAY CRYSTAL MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)
	PROP. GROUND MOUNTED SIGN		ONE-WAY AMBER MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) (78000600)
			TWO-WAY AMBER MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600) (30' C-C ON COUNTY HIGHWAYS)
					THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (30' SKIP - 10' DASH) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)
					THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
					THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)		

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500) |

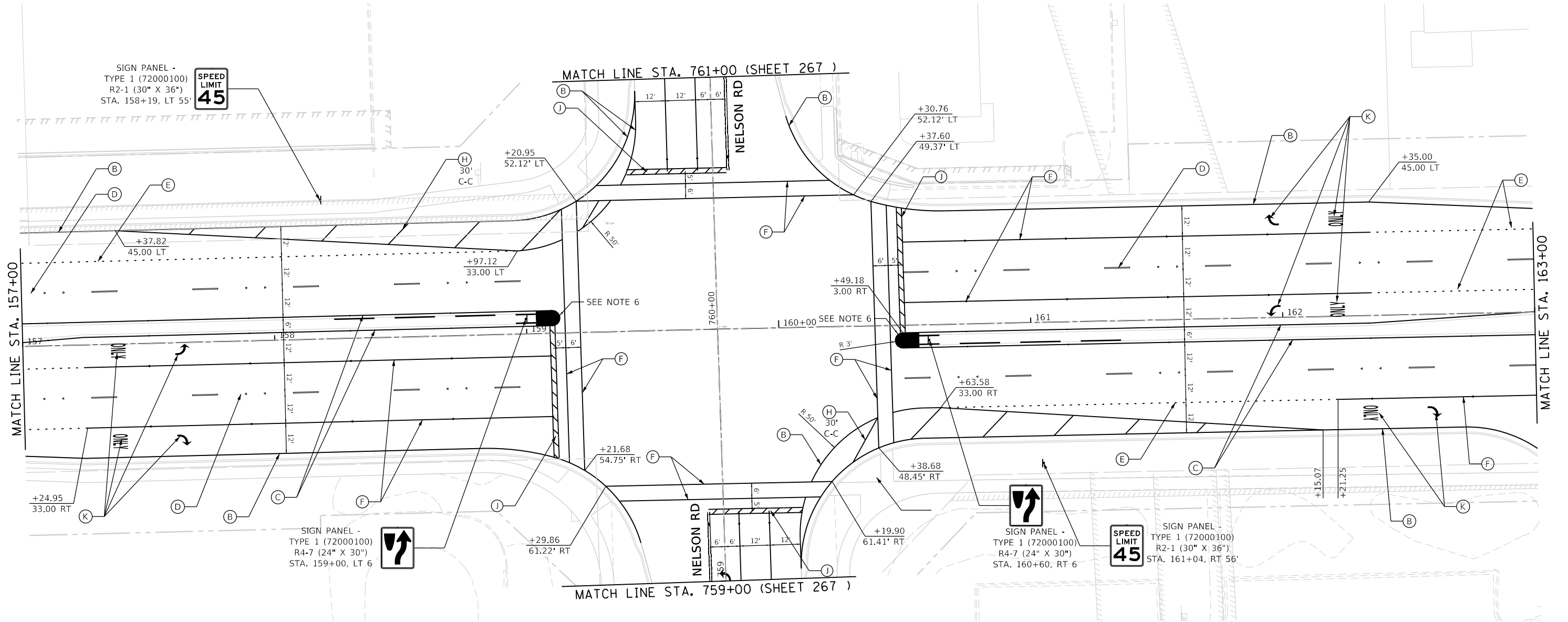
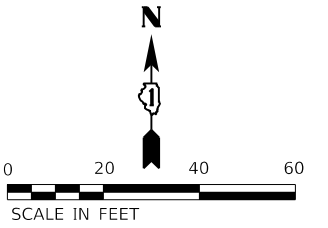
**PAVEMENT MARKING AND SIGNING GENERAL NOTES**

- SEE DISTRICT 1 TYP. PAVEMENT MARKINGS DETAIL TC-13.
- SEE SIGNAL PLANS FOR OVERHEAD SIGNS ON TRAFFIC SIGNALS.
- STOP BARS ARE STATIONED TO THE CENTER OF THE 24" LINE.
- SEE SHEET 268 FOR SIGNING SCHEDULE
- TO BE MOUNTED ON PROPOSED LIGHT POLE (INSTALLED BY OTHERS).
- SEE SHEET 332 FOR WCDOT MEDIAN, CURB, & ISLAND PAVEMENT MARKINGS DETAIL
- ALL RAISED REFLECTIVE PAVEMENT MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS, AND OFFSET 4 INCHES FROM THE CENTERLINE OF THE DASH ON THE COUNTY HIGHWAY.
- RAISED REFLECTIVE PAVEMENT MARKERS WILL BE INSTALLED IN CONJUNCTION WITH ALL DOUBLE YELLOW CENTERLINES. SPACING WILL BE AT 40" C-C. TWO-WAY AMBER MARKERS WILL BE USED WHEN THERE IS NO SEPARATION BETWEEN LANES WITH TRAFFIC TRAVELING IN OPPOSING DIRECTIONS. ONE-WAY AMBER MARKERS WILL BE USED ON EITHER SIDE OF STRIPED/FLUSH MEDIANS.
- ALL ROADSIDE SIGNAGE SHALL BE REPLACED PER MUTCD, LATEST EDITION AND INCLUDE TELESPEAR STEEL POSTS, 36" SLEEVE, AND A 3" WIDE RETROREFLECTIVE STRIP MATCHING THE PRIMARY FACE COLOR. STRIP SHALL BE PLACED ON THE FULL LENGTH OF THE SUPPORT FROM THE TOP OF THE SIGN TO WITHIN 2' OF THE ROADWAY
- EACH SIGN FACE SHALL HAVE (EITHER IN SYMBOL OR IN WORDS) THE NAME OF THE FABRICATOR, THE MONTH AND YEAR OF FABRICATION, AND "WILL COUNTY DIVISION OF TRANSPORTATION" IN THE BORDER AT THE LOWER EDGE OF THE SIGN FACE. THE LETTER SIZE SHALL BE 1/2" IN HEIGHT.
- ALL NEW SIGN POSTS SHALL INCLUDE A CAST-IN PLACE 3" PVC SLEEVE FOR SIGNS PLACED IN NEW CONCRETE.



	FILE NAME = sht-pmk-01.dgn	DESIGNED - BRF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN LARAWAY RD	F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 259
	MODEL NAME = Default	DRAWN - BRF	REVISED -			SCALE: 1"=20'	SHEET 1 OF 9 SHEETS	STA. 134+00 TO STA. 146+00	ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 40,0000' / in.	CHECKED - JMS	REVISED -							
	PLOT DATE = 9/9/2022 - 12:29:57 PM	DATE - 09/09/2022	REVISED -							



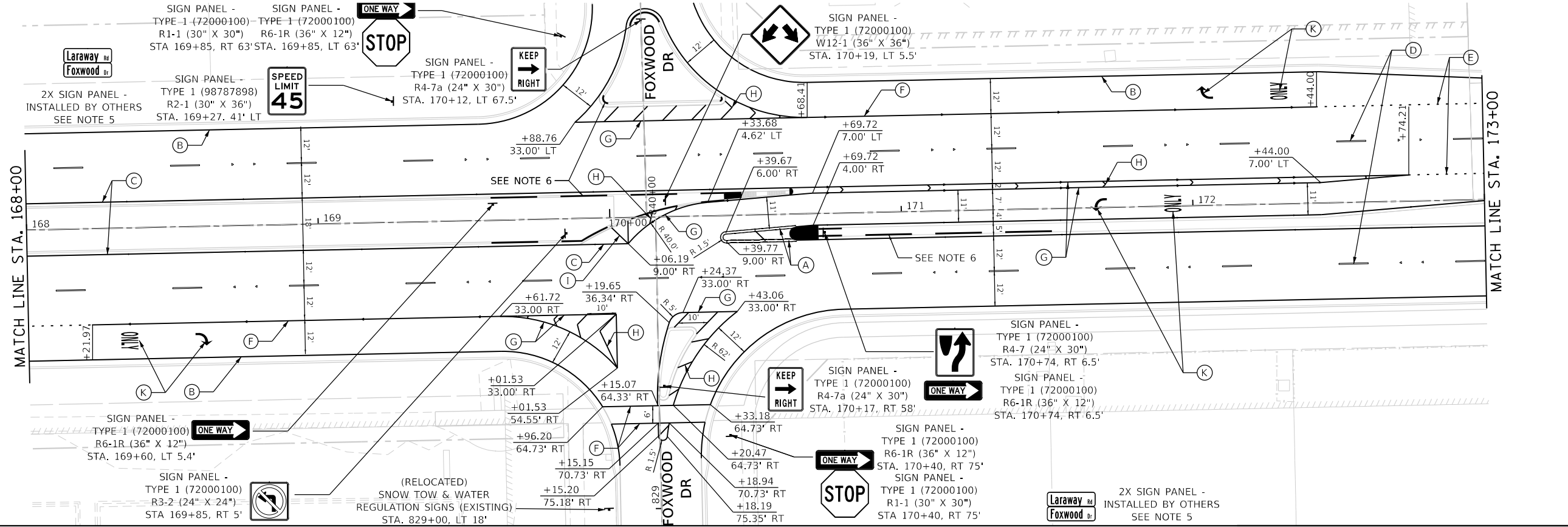
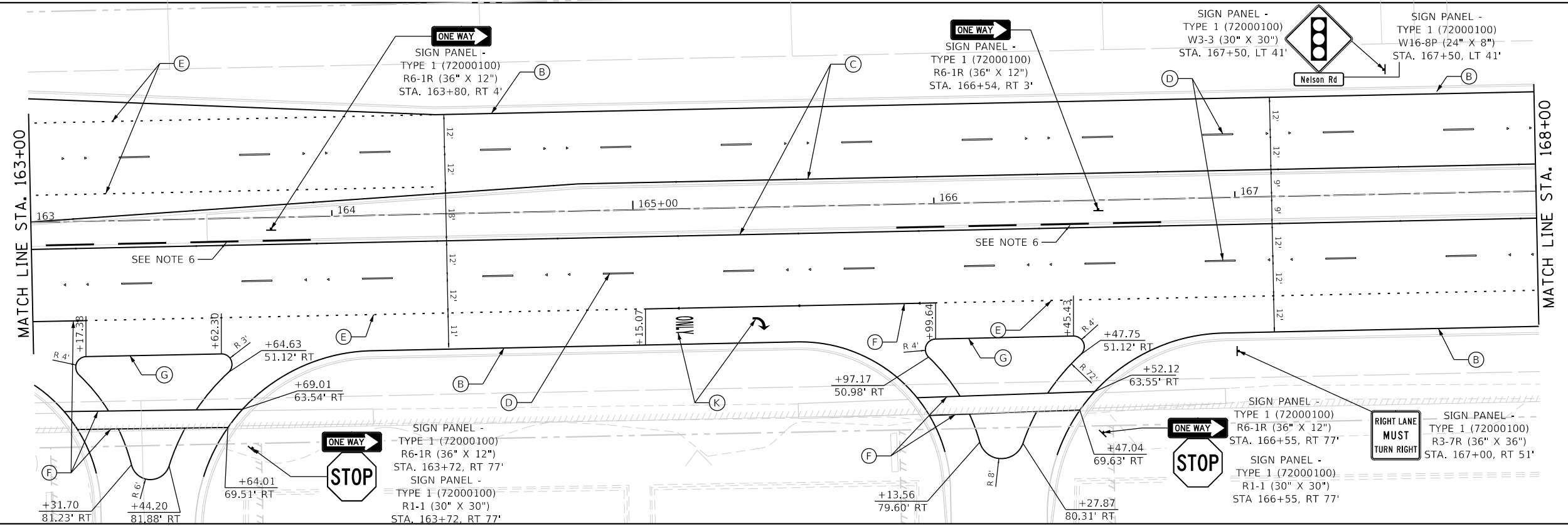
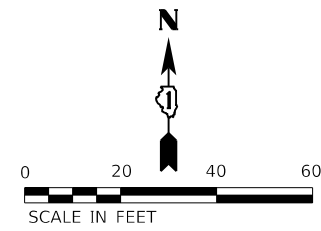


**LEGEND**

	EXISTING GROUND MOUNTED SIGN		ONE-WAY CRYSTAL MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)
	PROP. GROUND MOUNTED SIGN		ONE-WAY AMBER MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600)
			TWO-WAY AMBER MARKER		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)
					THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (30' SKIP - 10' DASH) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
					THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)		THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500)
					THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)		

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

	FILE NAME = sht-pmk-03.dgn	DESIGNED - BRF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b> <b>LARAWAY RD</b>		F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 261
	MODEL NAME = Default	DRAWN - BRF	REVISED -		SCALE: 1"=20'	SHEET 3 OF 9 SHEETS	STA. 157+00 TO STA. 163+00	CONTRACT NO. 61H20		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 40,0000' / in	CHECKED - JMS	REVISED -								
	PLOT DATE = 9/9/2022 - 12:30:00 PM	DATE = 09/09/2022	REVISED -								



LEGEND		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)	
	EXISTING GROUND MOUNTED SIGN	(A)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200)	(G)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)
	PROP. GROUND MOUNTED SIGN	(B)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)	(H)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) (78000600)
	ONE-WAY CRYSTAL MARKER	(C)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)	(I)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600)
	ONE-WAY AMBER MARKER	(D)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (30' SKIP - 10' DASH) (78000200)	(J)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)
	TWO-WAY AMBER MARKER	(E)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)	(K)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
		(F)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)	(L)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500)

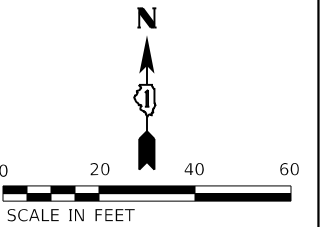
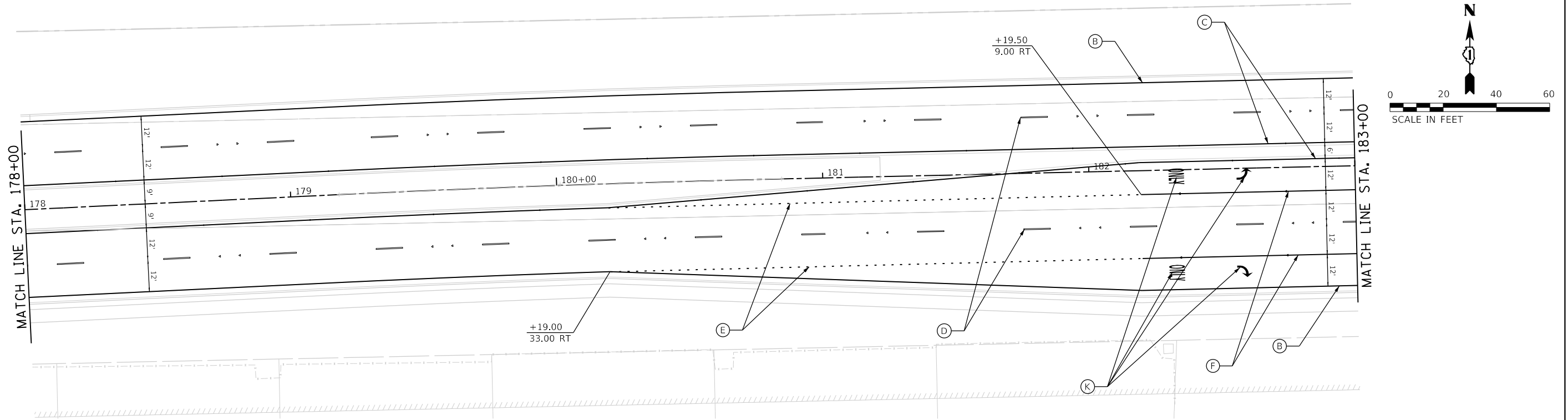
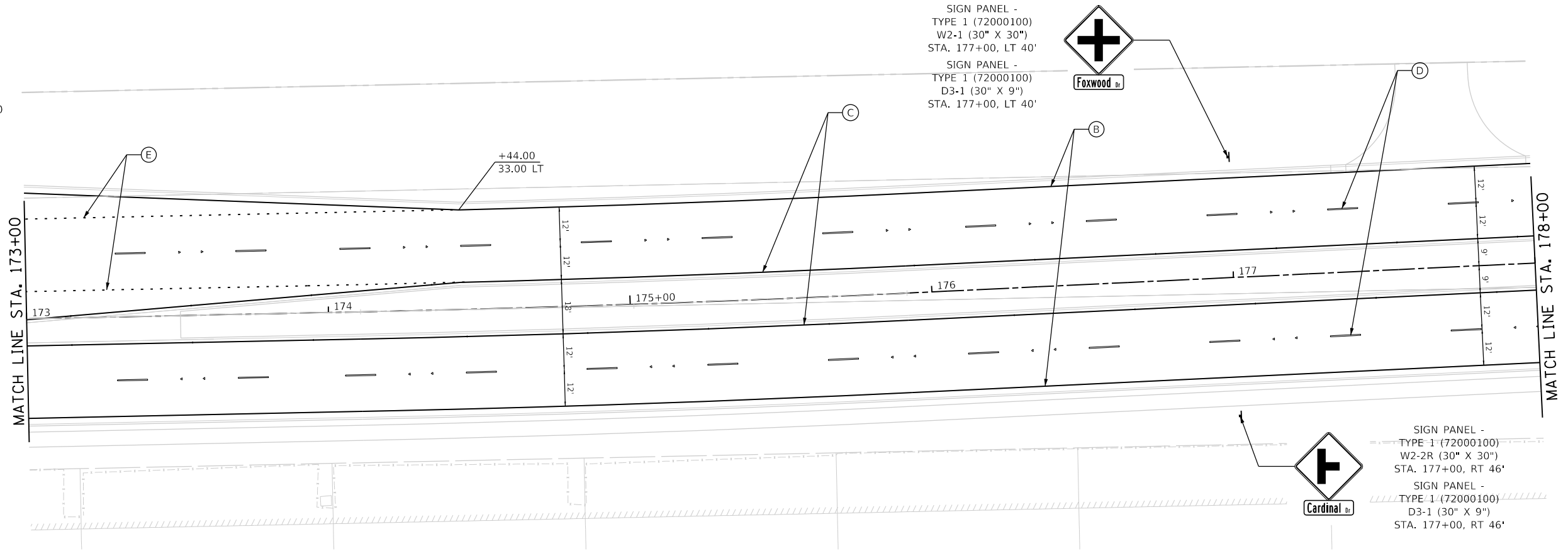
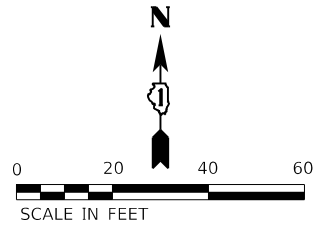
SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

	FILE NAME = sht-pmk-04.dgn	DESIGNED - BRF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b> <b>LARAWAY RD</b>	F.A.U. RTE. = 0320	SECTION = 13-00138-37-PV	COUNTY = WILL	TOTAL SHEETS = 413	SHEET NO. = 262
	MODEL NAME = Default	DRAWN - BRF	REVISED -			SCALE: 1"=20'	SHEET 4 OF 9 SHEETS	STA. 163+00 TO STA. 173+00	CONTRACT NO. 61H20	
	PLOT SCALE = 40,000' / in.	CHECKED - JMS	REVISED -							
	PLOT DATE = 9/9/2022 - 12:30:01 PM	DATE = 09/09/2022	REVISED -							

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PLOT DATE = 9/9/2022 (12:30:02 PM)

USER NAME = Mike Mos  
DIRECTORY = L:\M\CGI\1734-01\Draw\CADD\_Sheet\



**LEGEND**

- |  |                              |  |                        |  |  |  |   |
|--|------------------------------|--|------------------------|--|--|--|---|
|  | EXISTING GROUND MOUNTED SIGN |  | ONE-WAY CRYSTAL MARKER |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200) |  | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)                                   |
|  | PROP. GROUND MOUNTED SIGN    |  | ONE-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)                          |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) (78000600)                                  |
|  |                              |  | TWO-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)                         |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600)<br>(30' C-C ON COUNTY HIGHWAYS) |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (30' SKIP - 10' DASH) (78000200)    |  | THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)                                  |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)      |  | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                               |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)                          |  | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)<br>(9' SKIP - 3' DASH) (78000500)            |

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES



FILE NAME = sht-pmk-05.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - BRF	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMS	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

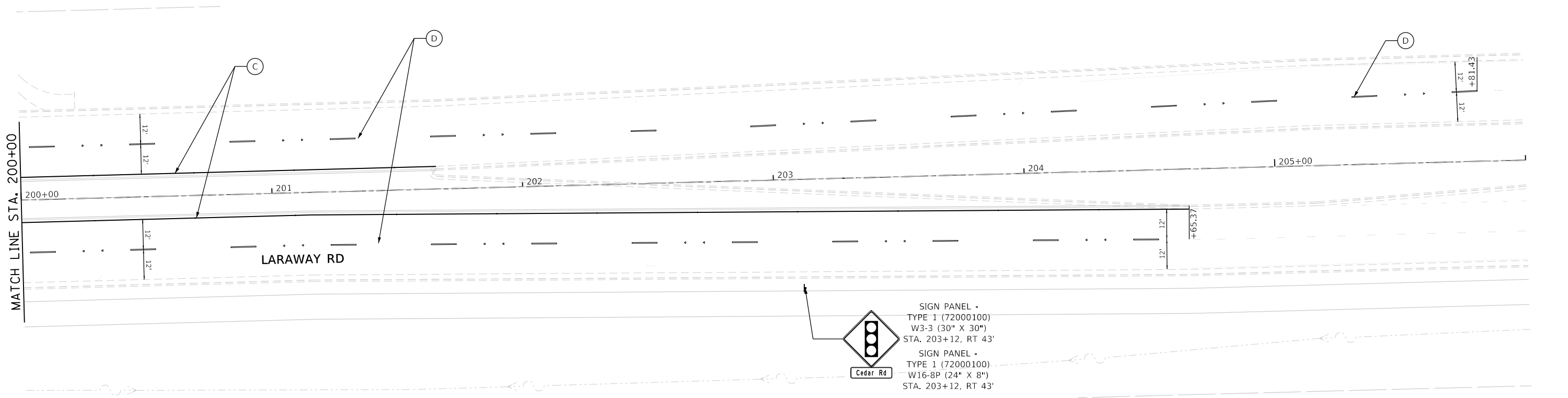
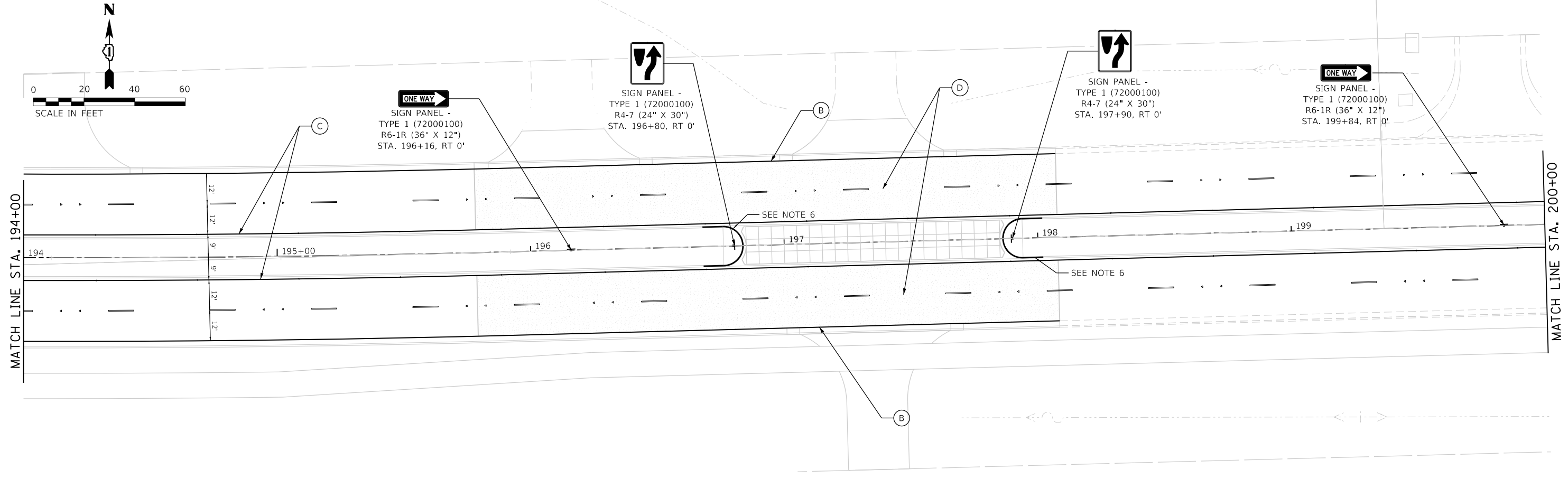
**PAVEMENT MARKING AND SIGNING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. 173+00 TO STA. 183+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	263
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				







LEGEND		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200)		THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)	
	EXISTING GROUND MOUNTED SIGN		(A)		(C)
	PROP. GROUND MOUNTED SIGN		(B)		(H)
	ONE-WAY CRYSTAL MARKER		(C)		(I)
	ONE-WAY AMBER MARKER		(D)		(J)
	TWO-WAY AMBER MARKER		(E)		(K)
			(F)		

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

(L) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500)

	FILE NAME = sht-pmk-07.dgn	DESIGNED - BRF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN LARAWAY RD			F.A.U. RTE. 0320	SECTION 13-00138-37-PV	COUNTY WILL	TOTAL SHEETS 413	SHEET NO. 265
	MODEL NAME = Default	DRAWN - BRF	REVISED -		SCALE: 1"=20'	SHEET 7	OF 9 SHEETS	STA. 194+00	TO STA. 206+00	CONTRACT NO. 61H20		
	PLOT SCALE = 40.0000' / in.	CHECKED - JMS	REVISED -						ILLINOIS FED. AID PROJECT			
	PLOT DATE = 9/9/2022 - 12:30:04 PM	DATE - 09/09/2022	REVISED -									

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PLOT SCALE  
PLOT DATE  
= 40.0000 / in  
= 9/9/2022 (12:30:05 PM)

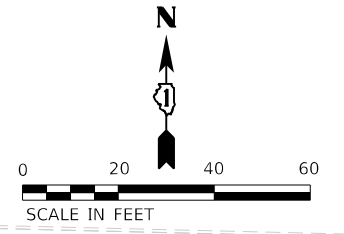
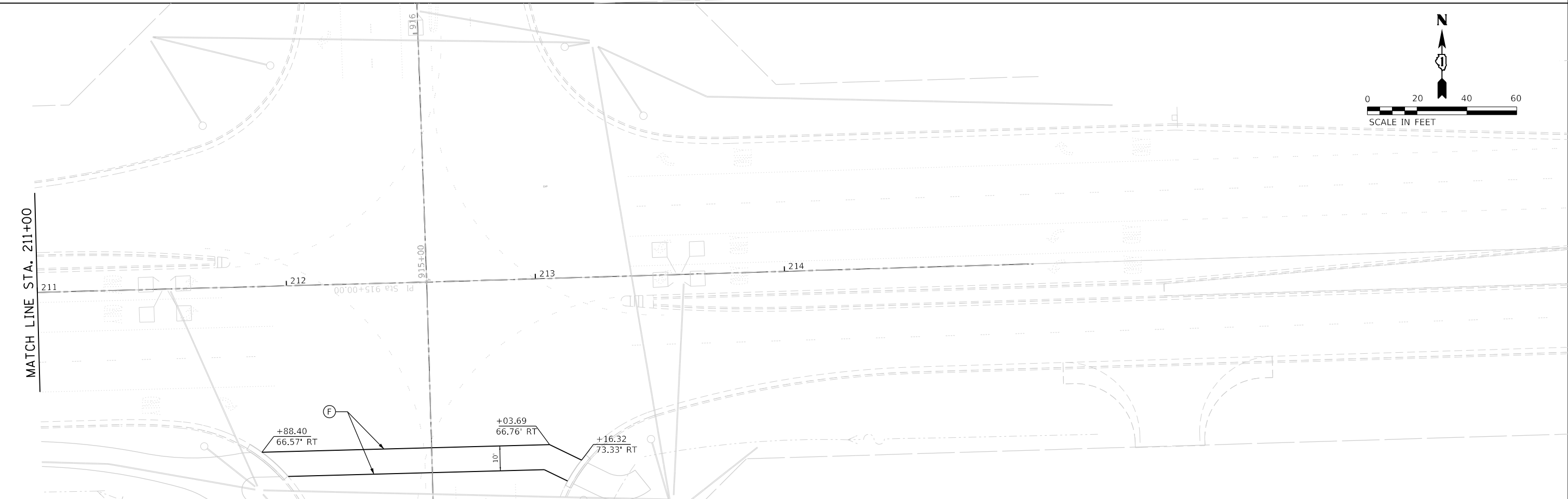
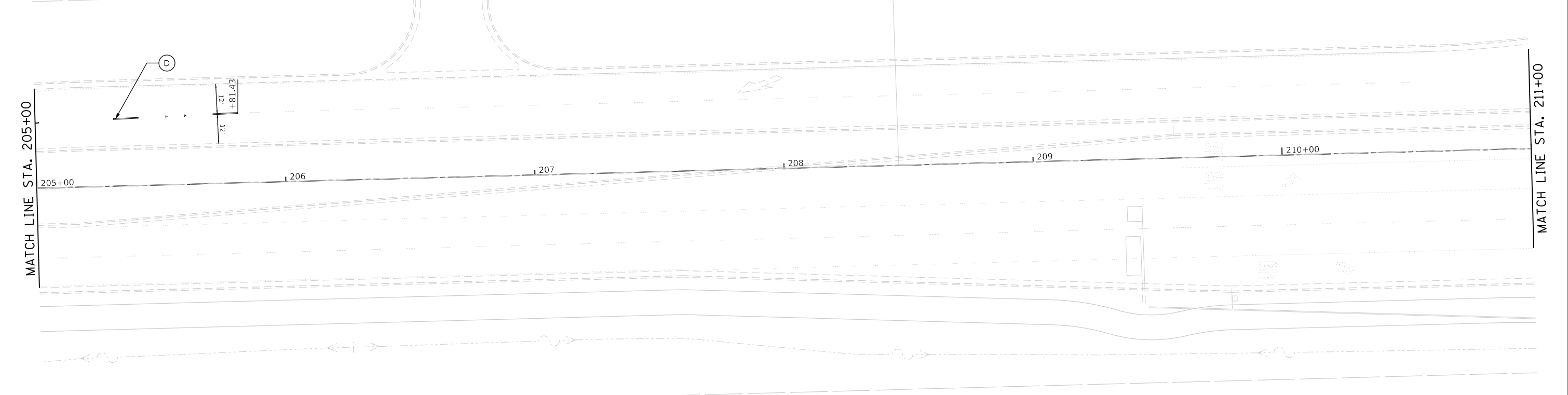
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DIRECTORY  
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**LEGEND**

- |  |                              |  |                        |  |  |  |   |
|--|------------------------------|--|------------------------|--|--|--|---|
|  | EXISTING GROUND MOUNTED SIGN |  | ONE-WAY CRYSTAL MARKER |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200) |  | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)                                   |
|  | PROP. GROUND MOUNTED SIGN    |  | ONE-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)                          |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) (78000600)                                  |
|  |                              |  | TWO-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)                         |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600)<br>(30' C-C ON COUNTY HIGHWAYS) |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (30' SKIP - 10' DASH) (78000200)    |  | THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)                                  |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)      |  | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                               |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)                          |  |   |

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500)



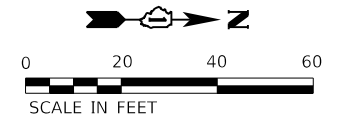
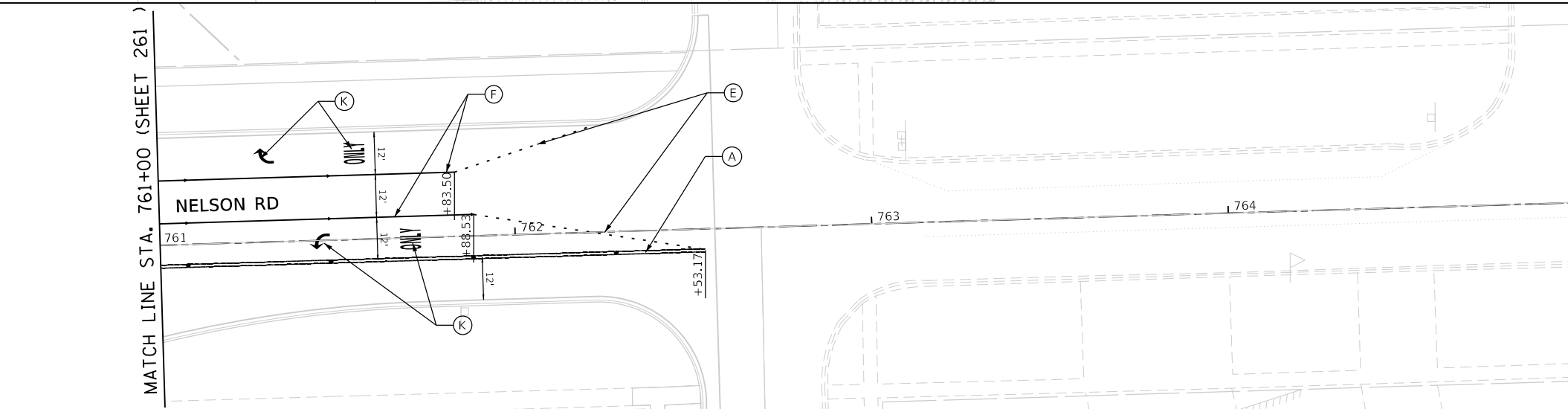
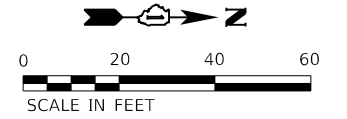
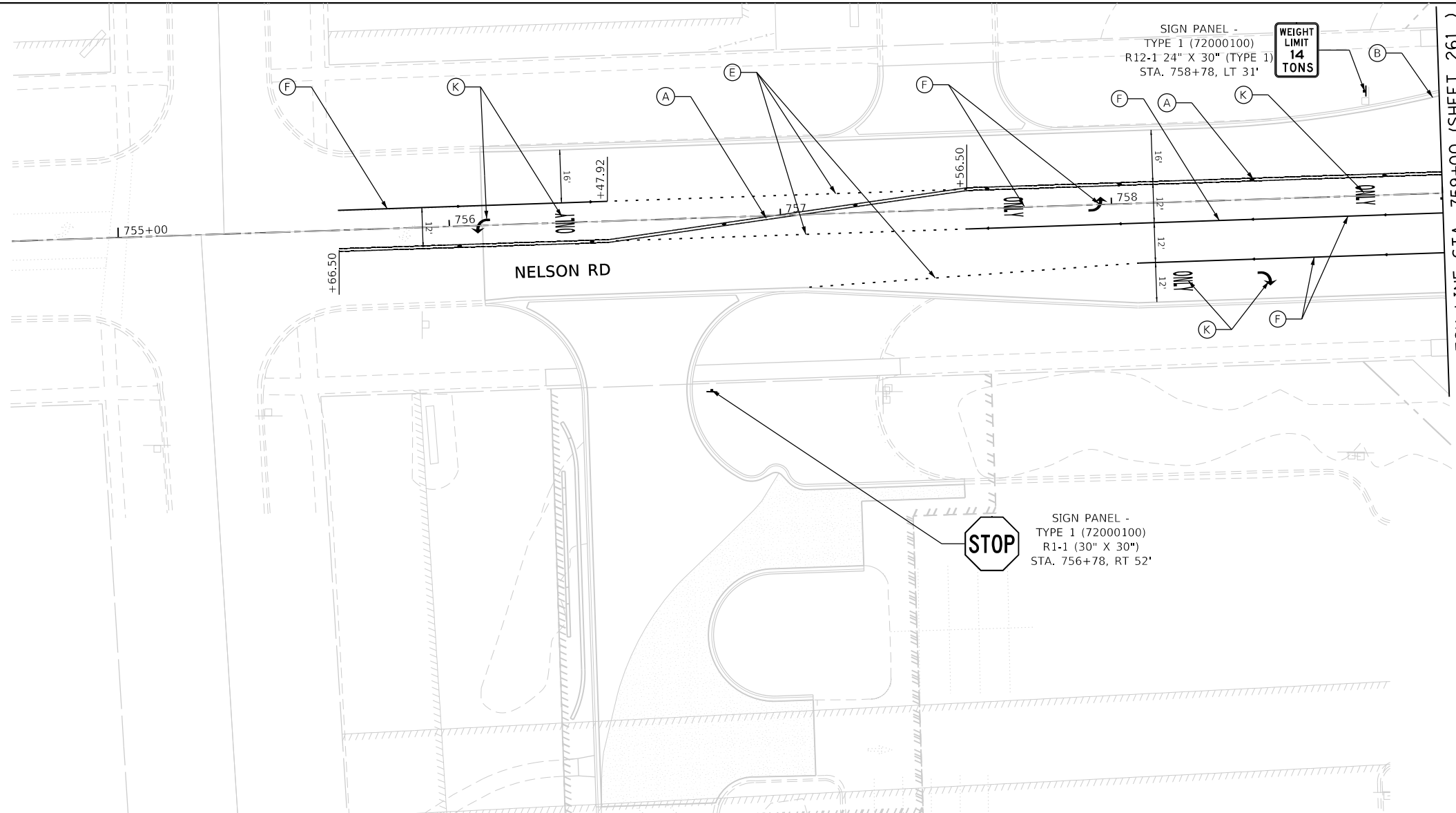
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PLOT SCALE = 40.0000 / in.	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:30:05 PM	DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
LARAWAY RD**

SCALE: 1"=20'    SHEET 8 OF 9 SHEETS    STA. 205+00 TO STA. 217+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	266
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- |  |                              |  |                        |  |  |  |  |
|--|------------------------------|--|------------------------|--|--|--|--|
|  | EXISTING GROUND MOUNTED SIGN |  | ONE-WAY CRYSTAL MARKER |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4" @ 11" C-C) (78000200) |  | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (78000500)                                |
|  | PROP. GROUND MOUNTED SIGN    |  | ONE-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (78000200)                          |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) (78000600)                               |
|  |                              |  | TWO-WAY AMBER MARKER   |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) (78000200)                         |  | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW) (78000600) (30' C-C ON COUNTY HIGHWAYS) |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (30' SKIP - 10' DASH) (78000200)    |  | THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (78000650)                               |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (6' SKIP - 2' DASH) (78000400)      |  | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                            |
|  |                              |  |                        |  | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (78000400)                          |  |  |

SEE SHEET 259 FOR PAVEMENT MARKING AND SIGNING GENERAL NOTES

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) (9' SKIP - 3' DASH) (78000500)



FILE NAME = sht-pmk-09.dgn	DESIGNED - BRF	REVISED -
MODEL NAME = Default	DRAWN - BRF	REVISED -
PLOT SCALE = 40,0036' / in	CHECKED - JMS	REVISED -
PLOT DATE = 9/9/2022 - 12:30:06 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
NELSON RD

SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. 755+00 TO STA. 765+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	267
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

MUTCD CODE	PANEL DESCRIPTION	ACTION	NOTE	STATION	OFFSET	PROPOSED SIZE (IN)	SIGN PANEL (SQ FT)			SIGN SUPPORT
							TYPE 1	TYPE 2	TYPE 3	
OM4-3	Type 4 Object Markers - 4 each	PROPOSED SIGN		Type III Barricades at west end		18 x 18	2.25 x 4 = 9			
OM4-3	Type 4 Object Marker	PROPOSED SIGN		139+15	15 RT	18 x 18	2.25			12.5
D3-1	Laraway Rd	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
D3-1	Stonebridge Dr	-	INSTALLED BY OTHERS	Placed on PR light post		42 x 9				
R1-1	STOP	PROPOSED SIGN		635+60	22 LT	30 x 30	6.25			14.5
W4-4P	CROSS TRAFFIC DOES NOT STOP	PROPOSED SIGN		635+60	22 LT	24 x 12	2.00			
R2-1	SPEED LIMIT 25	PROPOSED SIGN		636+21	16 RT	24 x 30	5.00			14.0
	LOCAL WATERING REGULATIONS	PROTECT SIGN		636+77	18 RT					
R3-7R	RIGHT LANE MUST TURN RIGHT	PROPOSED SIGN		148+99	42 LT	36 x 36	9.00			17.0
D3-1	Laraway Rd	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
D3-1	Heatherway Ln	-	INSTALLED BY OTHERS	Placed on PR light post		36 x 9				
R1-1	STOP	PROPOSED SIGN		149+67	60 LT	30 x 30	6.25			16.5
R3-2	NO LEFT TURN	PROPOSED SIGN		149+67	60 LT	24 x 24	4.00			
W3-3	SIGNAL AHEAD	PROPOSED SIGN		151+88	37 RT	30 x 30	6.25			
W16-8P	NELSON RD	PROPOSED SIGN		151+88	37 RT	24 x 8	1.33			
R3-7R	RIGHT LANE MUST TURN RIGHT	PROPOSED SIGN		154+99	43 RT	36 x 36	9.00			16.0
R6-1R	ONE WAY	PROPOSED SIGN		155+69	59 LT	36 x 12	3.00			15.5
R1-1	STOP	PROPOSED SIGN		155+69	59 LT	30 x 30	6.25			
R6-1R	ONE WAY	PROPOSED SIGN		155+82	5 LT	36 x 12	3.00			13.0
R2-1	SPEED LIMIT 45	PROPOSED SIGN		158+19	55 LT	30 x 36	7.50			15.0
R4-7	KEEP RIGHT	PROPOSED SIGN		159+00	6 LT	24 x 30	5.00			14.5
R12-1	WEIGHT LIMIT 14 TONS	PROPOSED SIGN		758+78	31 LT	24 x 30	5.00			14.5
R1-1	STOP	PROPOSED SIGN		756+78	52 RT	30 x 30	6.25			14.5
R4-7	KEEP RIGHT	PROPOSED SIGN		160+60	6 RT	24 x 30	5.00			14.5
R2-1	SPEED LIMIT 45	PROPOSED SIGN		161+04	56 RT	30 x 36	7.50			15.0
R6-1R	ONE WAY	PROPOSED SIGN		163+72	77 RT	36 x 12	3.00			15.5
R1-1	STOP	PROPOSED SIGN		163+72	78 RT	30 x 30	6.25			
R6-1R	ONE WAY	PROPOSED SIGN		163+80	4 RT	36 x 12	3.00			13.0
R6-1R	ONE WAY	PROPOSED SIGN		166+54	3 RT	36 x 12	3.00			13.0
R6-1R	ONE WAY	PROPOSED SIGN		166+55	77 RT	36 x 12	3.00			15.5
R1-1	STOP	PROPOSED SIGN		166+55	77 RT	30 x 30	6.25			
R3-7R	RIGHT LANE MUST TURN RIGHT	PROPOSED SIGN		167+00	51 RT	36 x 36	9.00			17.0
	450 FT	PROPOSED SIGN		167+00	51 RT	24 x 12	2.00			
D3-1	Foxwood Dr	PROPOSED SIGN		167+00	51 RT	30 x 9	1.88			
W3-3	SIGNAL AHEAD	PROPOSED SIGN		167+50	41 LT	30 x 30	6.25			15.0
W16-8P	NELSON RD	PROPOSED SIGN		167+50	41 LT	24 x 8	1.33			
R2-1	SPEED LIMIT 45	PROPOSED SIGN		169+27	41 LT	30 x 36	7.50			15.0
R6-1R	ONE WAY	PROPOSED SIGN		169+85	63 RT	36 x 12	3.00			15.5
R1-1	STOP	PROPOSED SIGN		169+85	63 RT	30 x 30	6.25			
D3-1	Laraway Rd	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
D3-1	Foxwood Dr	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
R6-1R	ONE WAY	PROPOSED SIGN		169+60	5.4 LT	36 x 12	3.00			13.0
R3-2	NO LEFT TURN	PROPOSED SIGN		169+85	5 RT	24 x 24	4.00			14.0
	LOCAL SNOW TOW & WATER REGULATIONS	RELOCATE SIGN		829+00	18 LT					
R4-7a	KEEP RIGHT	PROPOSED SIGN		170+12	67.5 LT	24 X 30	5.00			14.5
R4-7a	KEEP RIGHT	PROPOSED SIGN		170+17	58 RT	25 X 30	5.00			14.5
R6-1R	ONE WAY	PROPOSED SIGN		170+40	75 RT	36 x 12	3.00			15.5
R1-1	STOP	PROPOSED SIGN		170+40	75 RT	30 x 30	6.25			
D3-1	Laraway Rd	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
D3-1	Foxwood Dr	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
R4-7	KEEP RIGHT	PROPOSED SIGN		170+74	6.5 RT	24 x 30	5.00			14.5
R6-1R	ONE WAY	PROPOSED SIGN		170+74	6.5 RT	36 x 12	3.00			
W12-1	DOUBLE ARROW	PROPOSED SIGN		170+19	5.5 LT	36 x 36	9.00			15.0
W2-4	T INTERSECTION WARNING	PROPOSED SIGN		177+00	40 LT	30 x 30	6.25			15.5
D3-1	Foxwood Dr	PROPOSED SIGN		177+00	40 LT	30 x 9	1.88			
W2-2R	SIDE ROAD INTERSECTION WARNING	PROPOSED SIGN		177+00	46 RT	30 x 30	6.25			15.5
D3-1	Cardinal Dr	PROPOSED SIGN		177+00	46 RT	30 x 9	1.88			
R4-7	KEEP RIGHT	PROPOSED SIGN		183+94	6 LT	24 x 30	5.00			14.5
R1-1	STOP	PROPOSED SIGN		184+75	61 RT	30 x 30	6.25			14.5
W4-4P	CROSS TRAFFIC DOES NOT STOP	PROPOSED SIGN		184+75	61 RT	24 x 12	2.00			
D3-1	Laraway Rd	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
D3-1	Cardinal Dr	-	INSTALLED BY OTHERS	Placed on PR light post		30 x 9				
	LOCAL TOWING & NEIGHBORHOOD WATCH	PROTECT SIGN		85335	22 LT					
R4-7	KEEP RIGHT	PROPOSED SIGN		185+06	6 RT	24 x 30	5.00			14.5
R2-1	SPEED LIMIT 45	PROPOSED SIGN		187+02	47 RT	30 x 36	7.50			15.0
R2-1	SPEED LIMIT 45	PROPOSED SIGN		190+22	40 LT	30 x 36	7.50			15.0
W2-2L	SIDE ROAD INTERSECTION WARNING	PROPOSED SIGN		192+50	39 LT	30 x 30	6.25			15.5
D3-1	Cardinal Dr	PROPOSED SIGN		192+50	39 LT	30 x 9	1.88			
R6-1R	ONE WAY	PROPOSED SIGN		196+16	0 RT	36 x 12	3.00			13.0
R4-7	KEEP RIGHT	PROPOSED SIGN		196+80	0 RT	24 x 30	5.00			14.5
R4-7	KEEP RIGHT	PROPOSED SIGN		197+90	0 RT	24 x 30	5.00			14.5
R6-1R	ONE WAY	PROPOSED SIGN		199+84	0 RT	36 x 12	3.00			13.0
W3-3	SIGNAL AHEAD	PROPOSED SIGN		203+12	43 RT	30 x 30	6.25			15.0
W16-8P	CEDAR RD	PROPOSED SIGN		203+12	43 RT	24 x 8	1.33			



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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

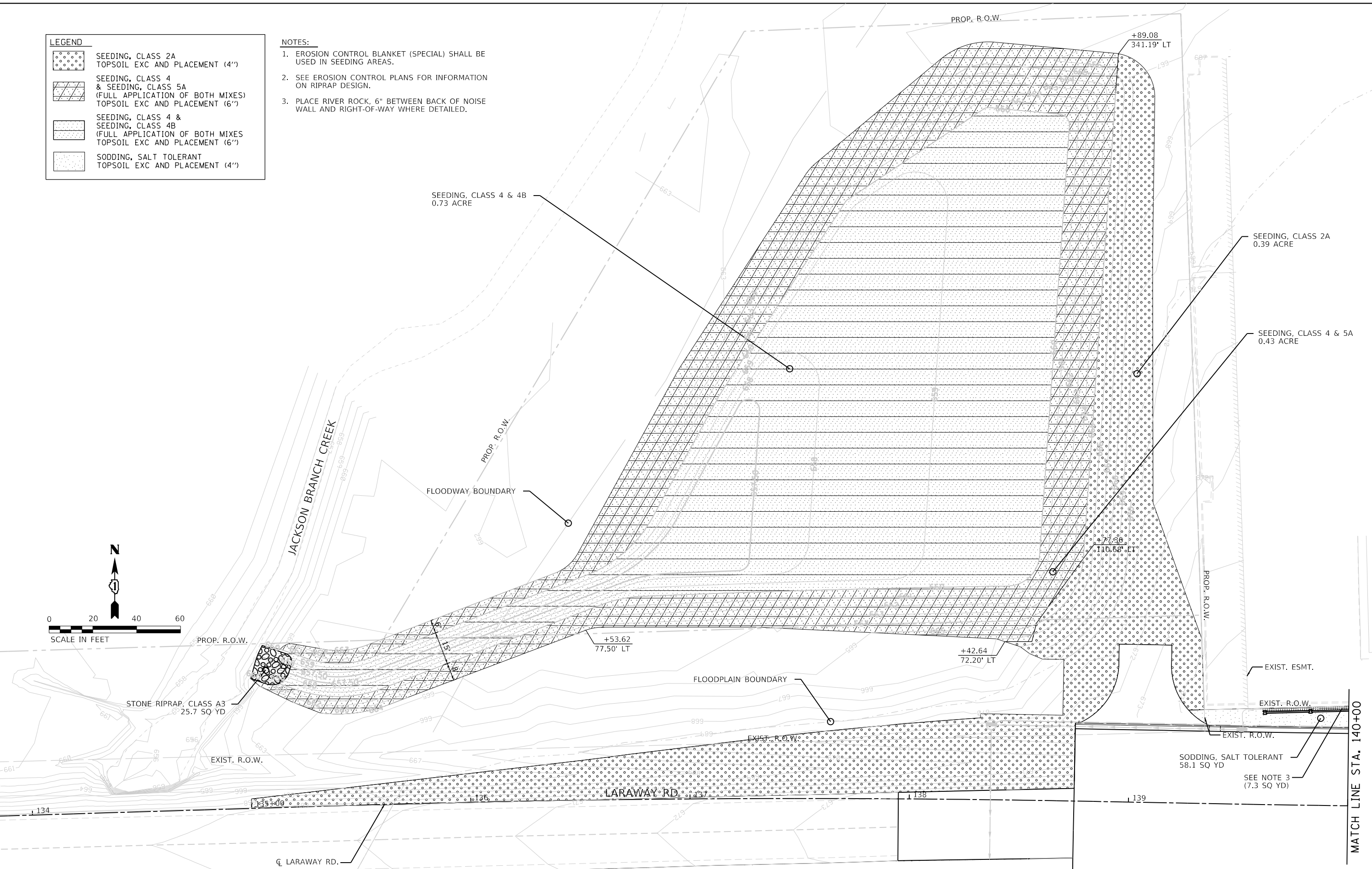
PAVEMENT MARKING AND SIGNING PLAN  
SIGNING SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	268
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")

- NOTES:
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.
  3. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.



STONE RIPRAP, CLASS A3  
25.7 SQ YD

SEEDING, CLASS 4 & 4B  
0.73 ACRE

SEEDING, CLASS 2A  
0.39 ACRE

SEEDING, CLASS 4 & 5A  
0.43 ACRE

EXIST. R.O.W.

FLOODPLAIN BOUNDARY

FLOODWAY BOUNDARY

SODDING, SALT TOLERANT  
58.1 SQ YD

SEE NOTE 3  
(7.3 SQ YD)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
LARAWAY RD (NORTH POND - COMPENSATORY STORAGE)

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SCALE: 1"=20' SHEET 1 OF 15 SHEETS STA. 134+00 TO STA. 140+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	269
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



MATCH LINE STA. 140+00

PLOT DRIVER  
PENTABLE  
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PLOT SCALE  
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9/9/2022 (12:30:23 PM)

USER NAME  
DIRECTORY  
Miles, Moses  
L:\MILL\COIT\7204-01\Drawings\CADD\_Sheets\_L



LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")

- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED WITHIN ALL SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.



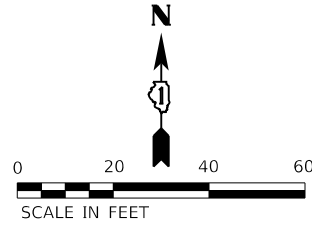
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
LARAWAY ROAD (SOUTH POND - DETENTION)

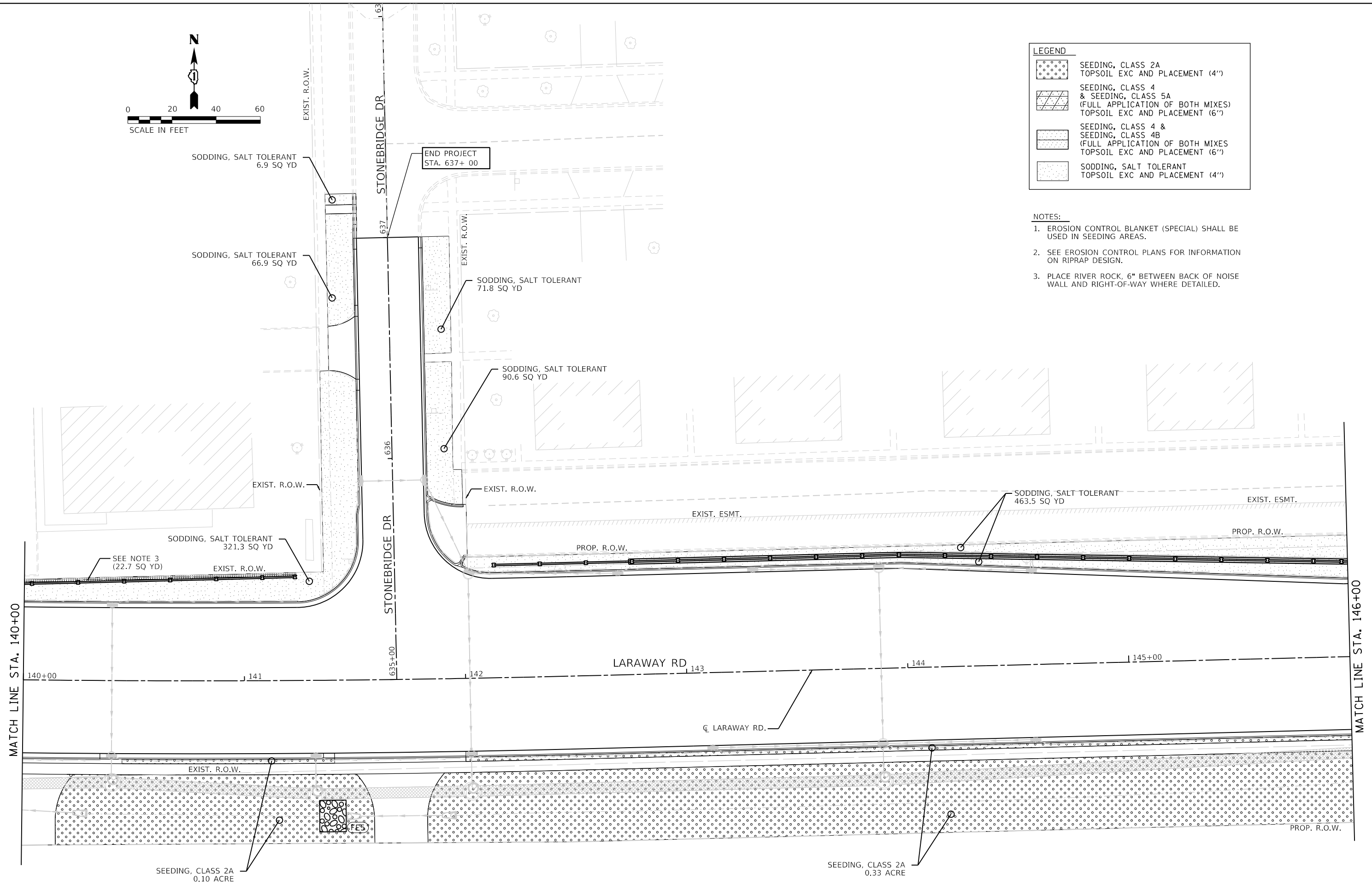
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	270
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	



LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")

- NOTES:
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.
  3. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.



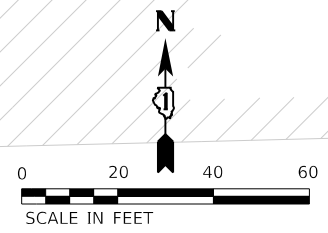
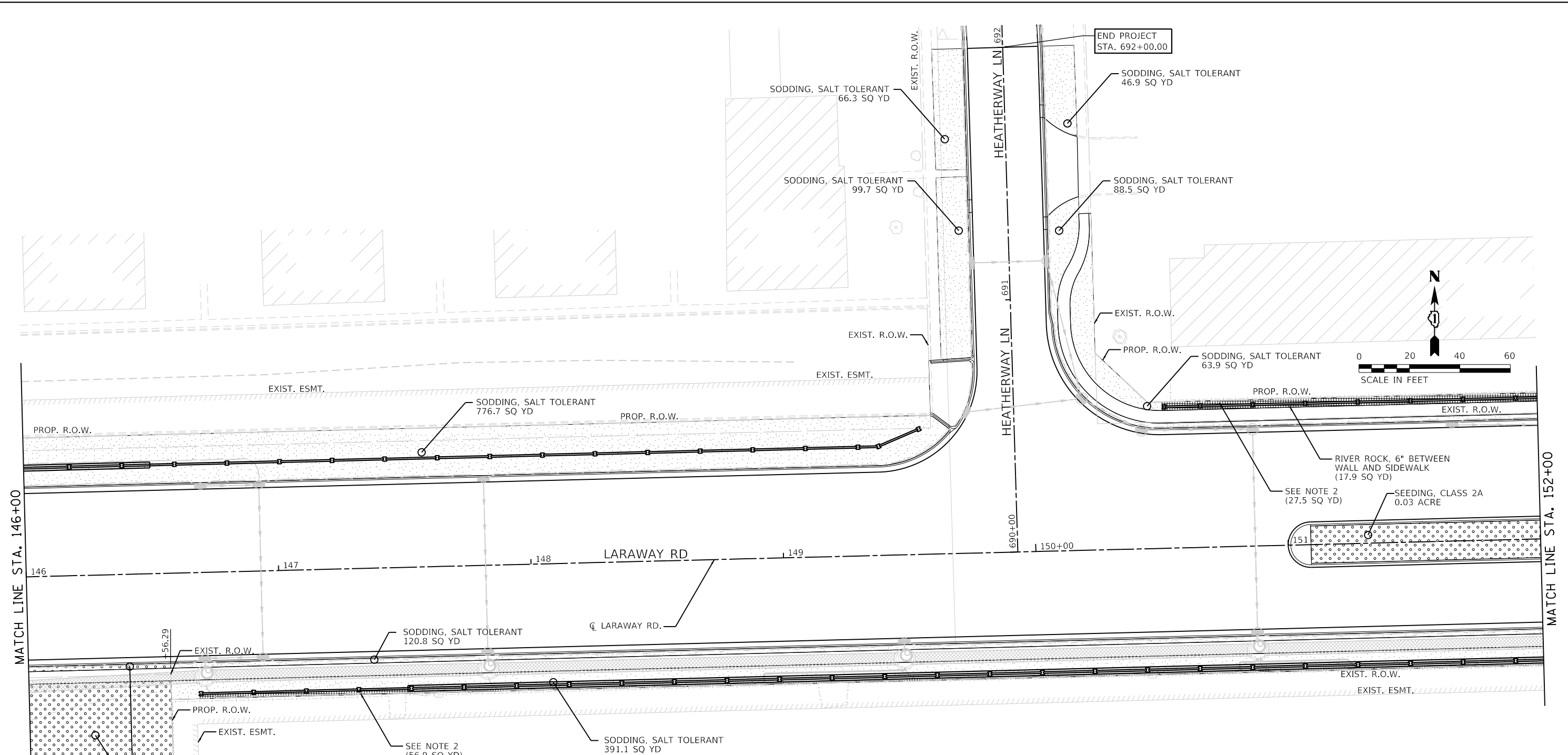
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
LARAWAY RD

SCALE: 1"=20' SHEET 3 OF 15 SHEETS STA. 140+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	271
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	



- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.
  3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



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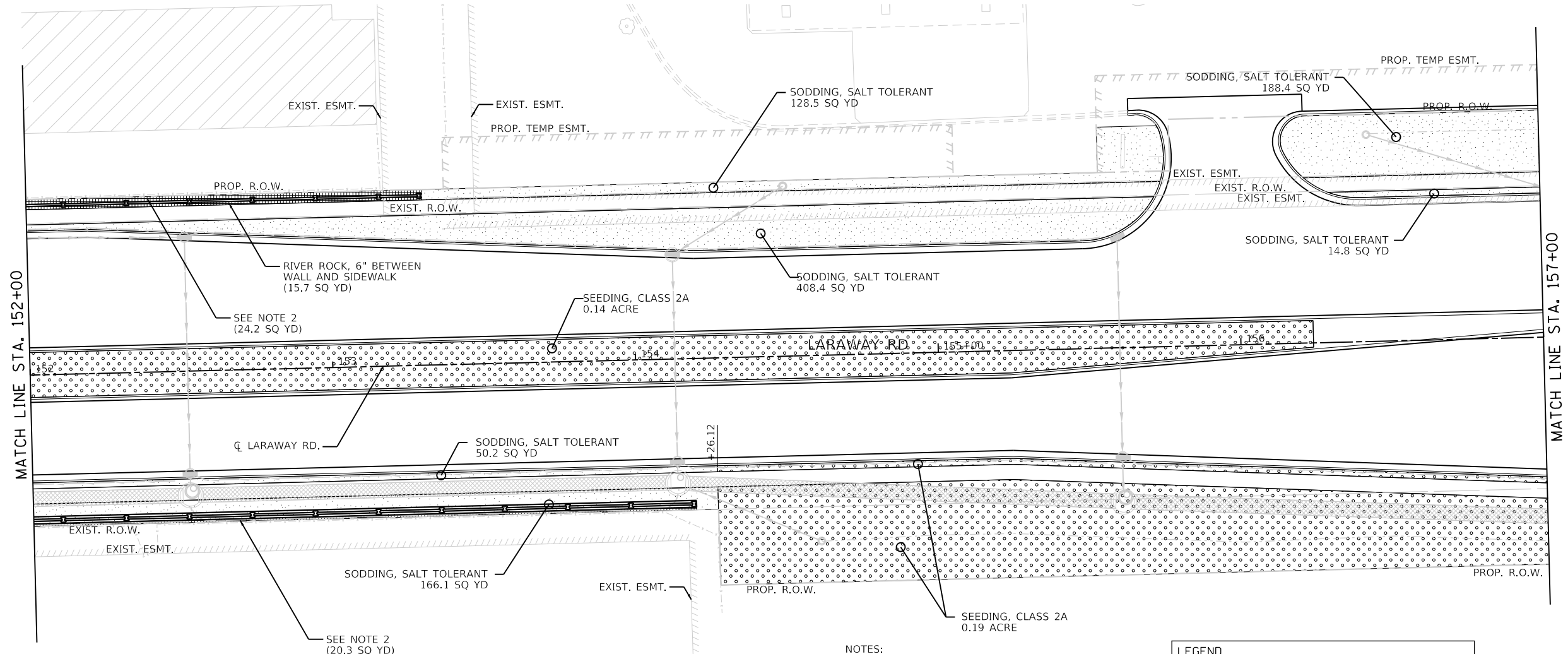
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 4 OF 15 SHEETS STA. 146+00 TO STA. 152+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	272
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				





- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.
  3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

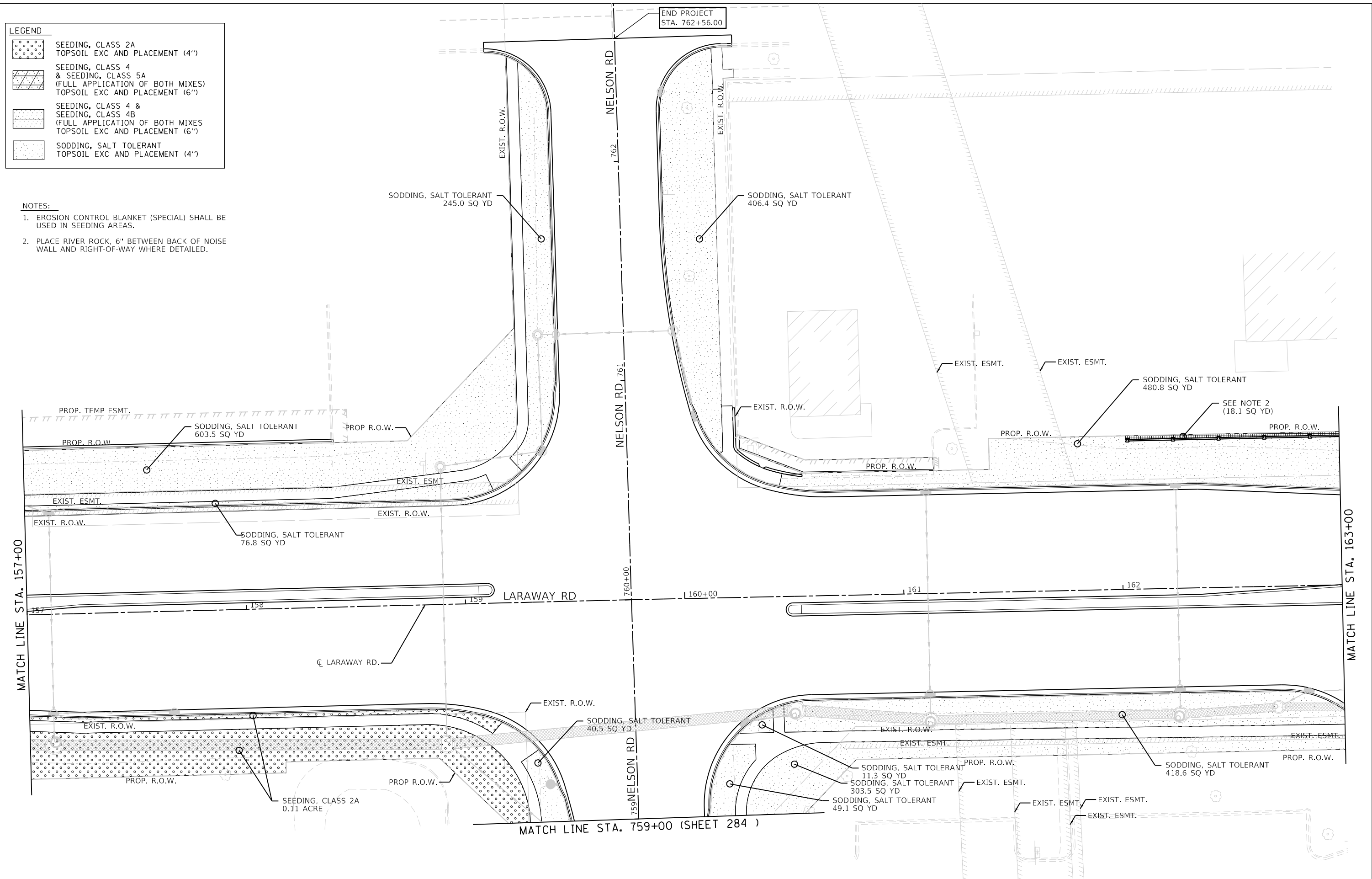
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

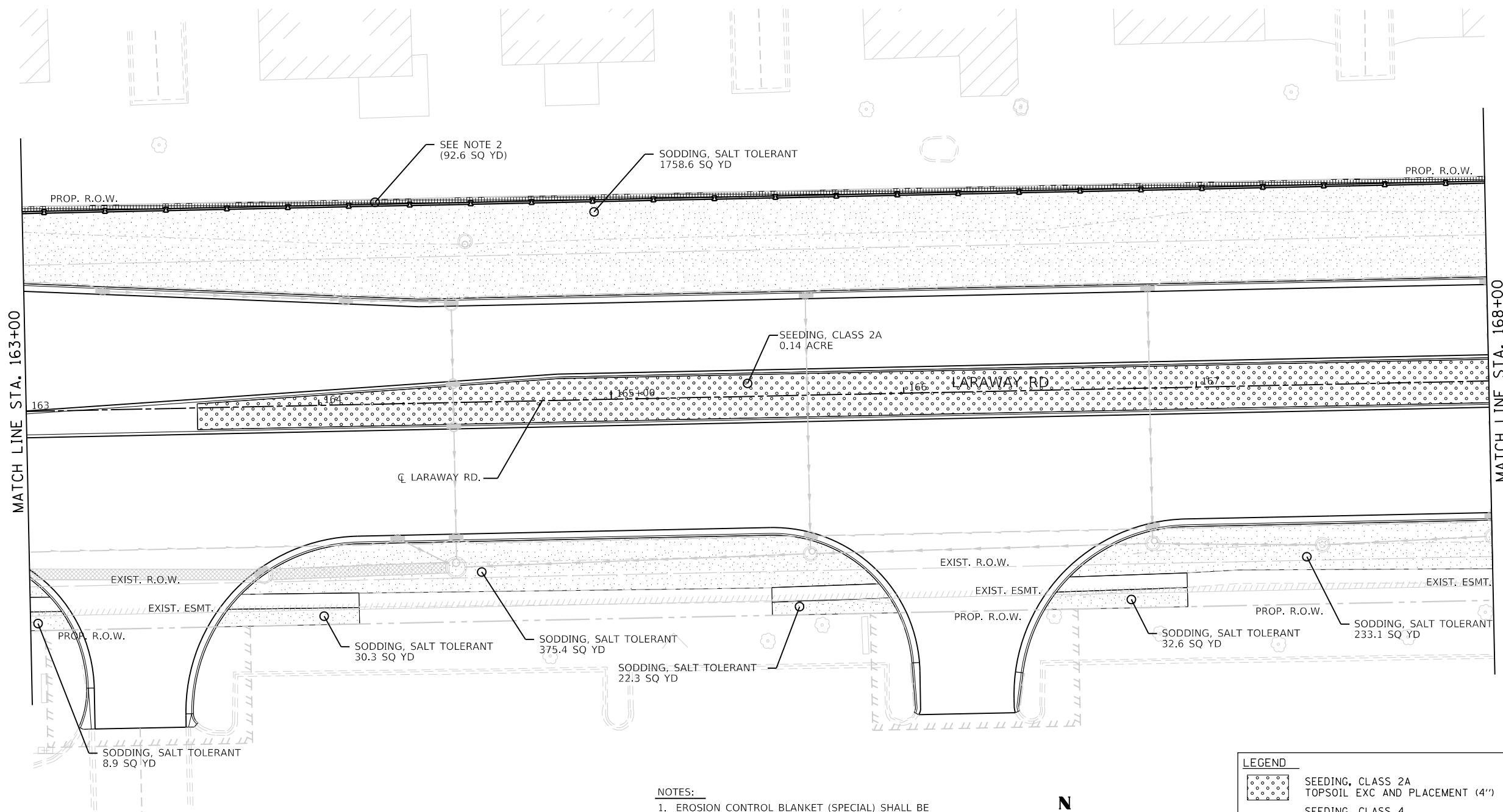
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LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")

- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.

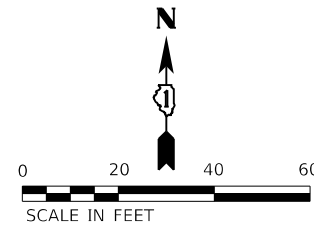


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**NOTES:**

1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
2. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.
3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.



LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



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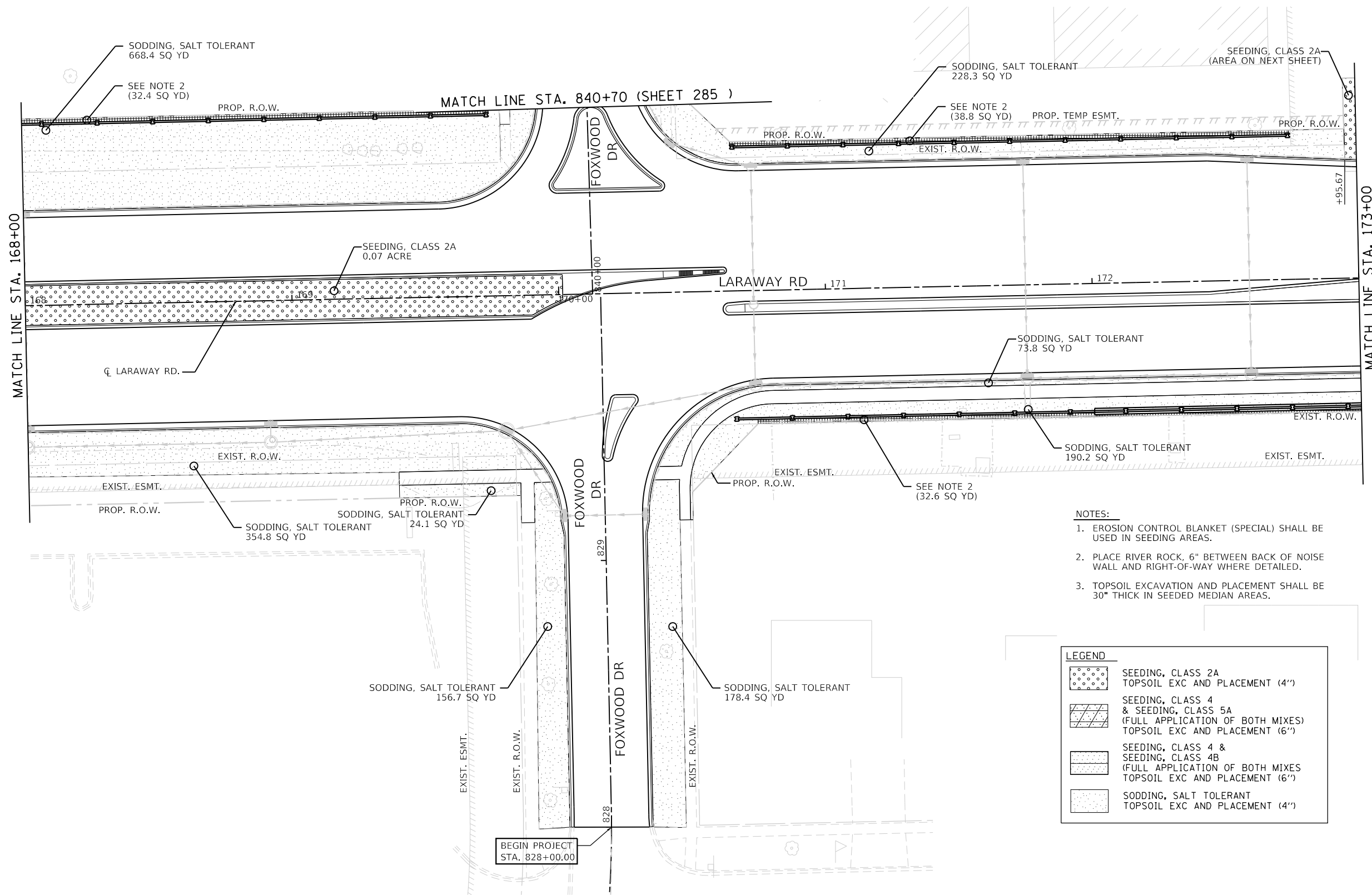
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 7 OF 15 SHEETS STA. 163+00 TO STA. 168+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	275
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



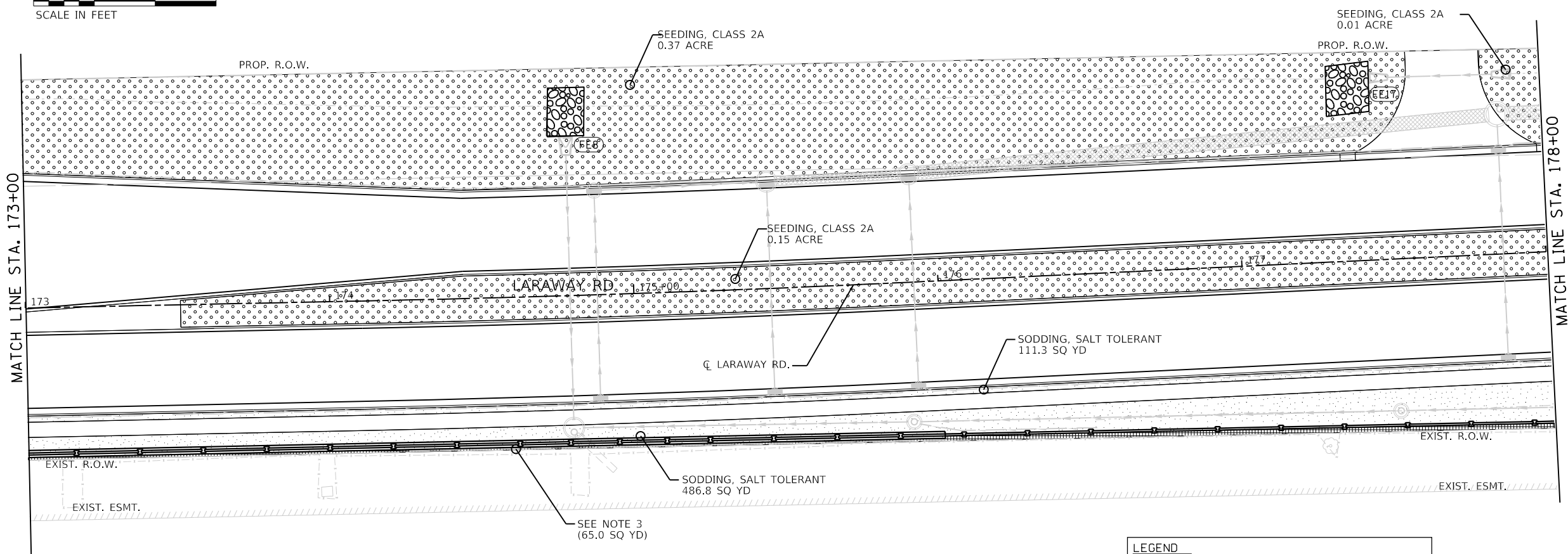
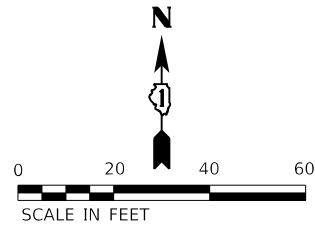
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 8 OF 15 SHEETS STA. 168+00 TO STA. 173+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	276
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.
  3. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.
  4. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



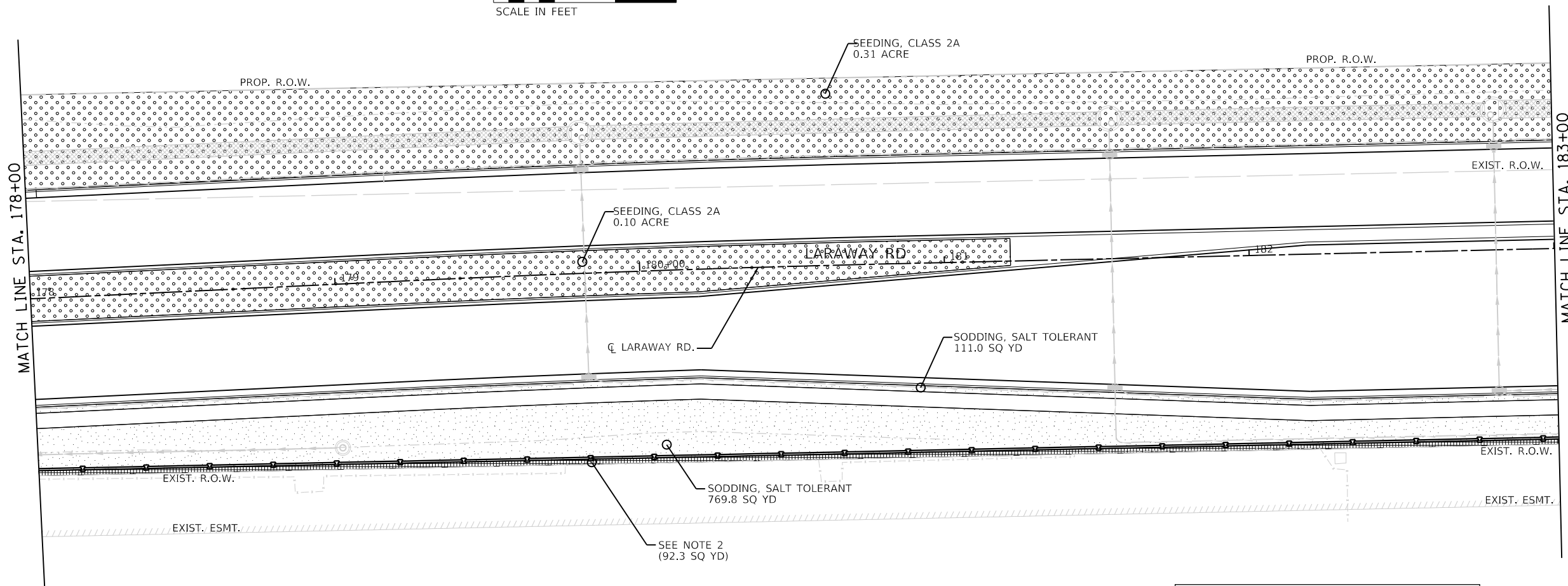
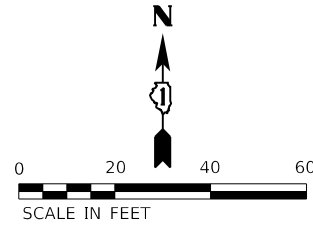
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 9 OF 15 SHEETS STA. 173+00 TO STA. 178+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	277
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



**NOTES:**

1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
2. PLACE RIVER ROCK, 6" BETWEEN BACK OF NOISE WALL AND RIGHT-OF-WAY WHERE DETAILED.
3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDER MEDIAN AREAS.

**LEGEND**

	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



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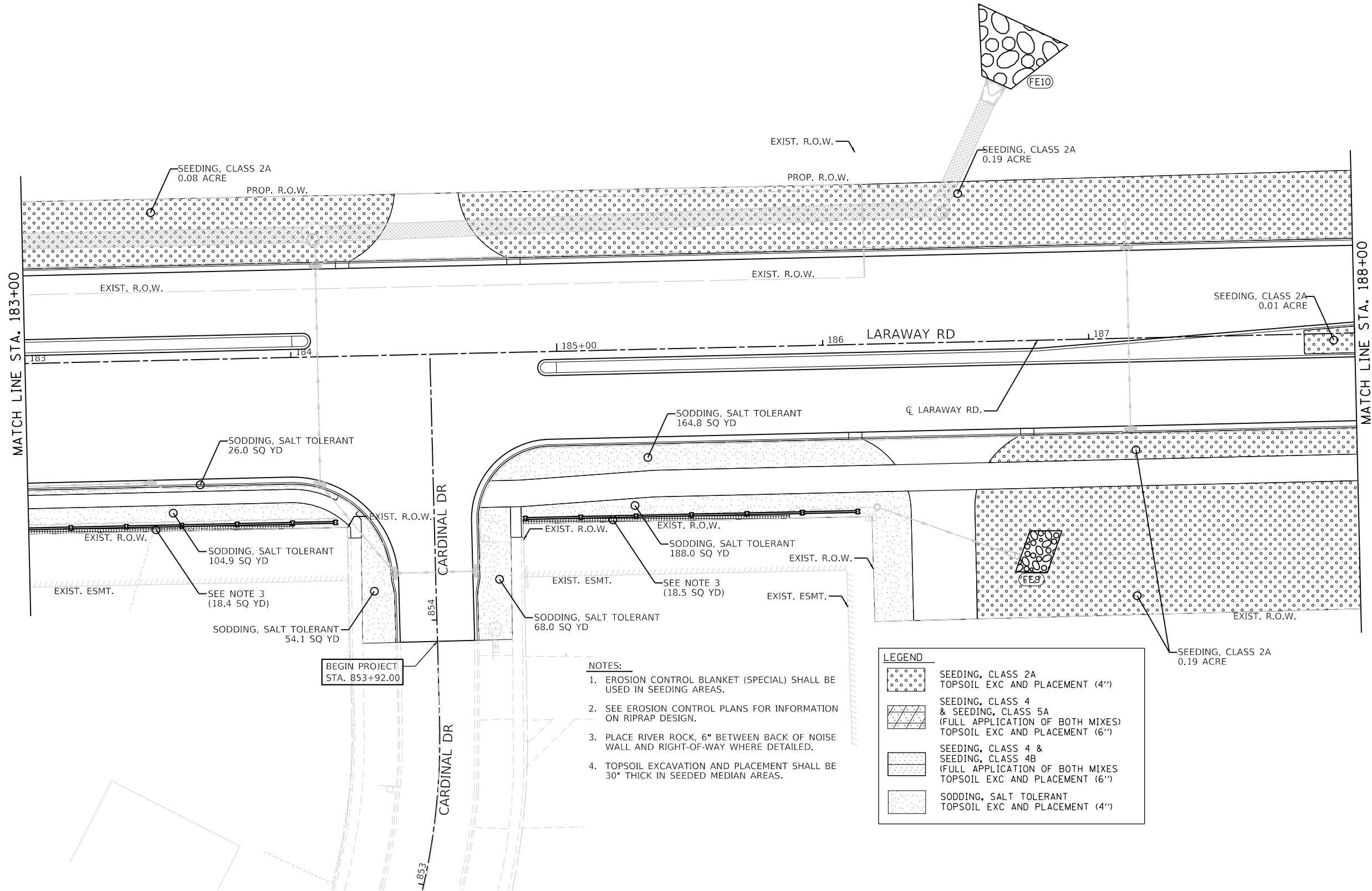
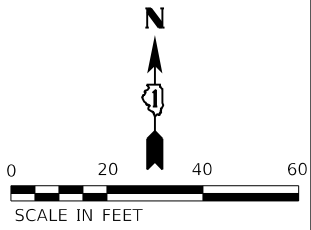
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 10 OF 15 SHEETS STA. 178+00 TO STA. 183+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	278
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



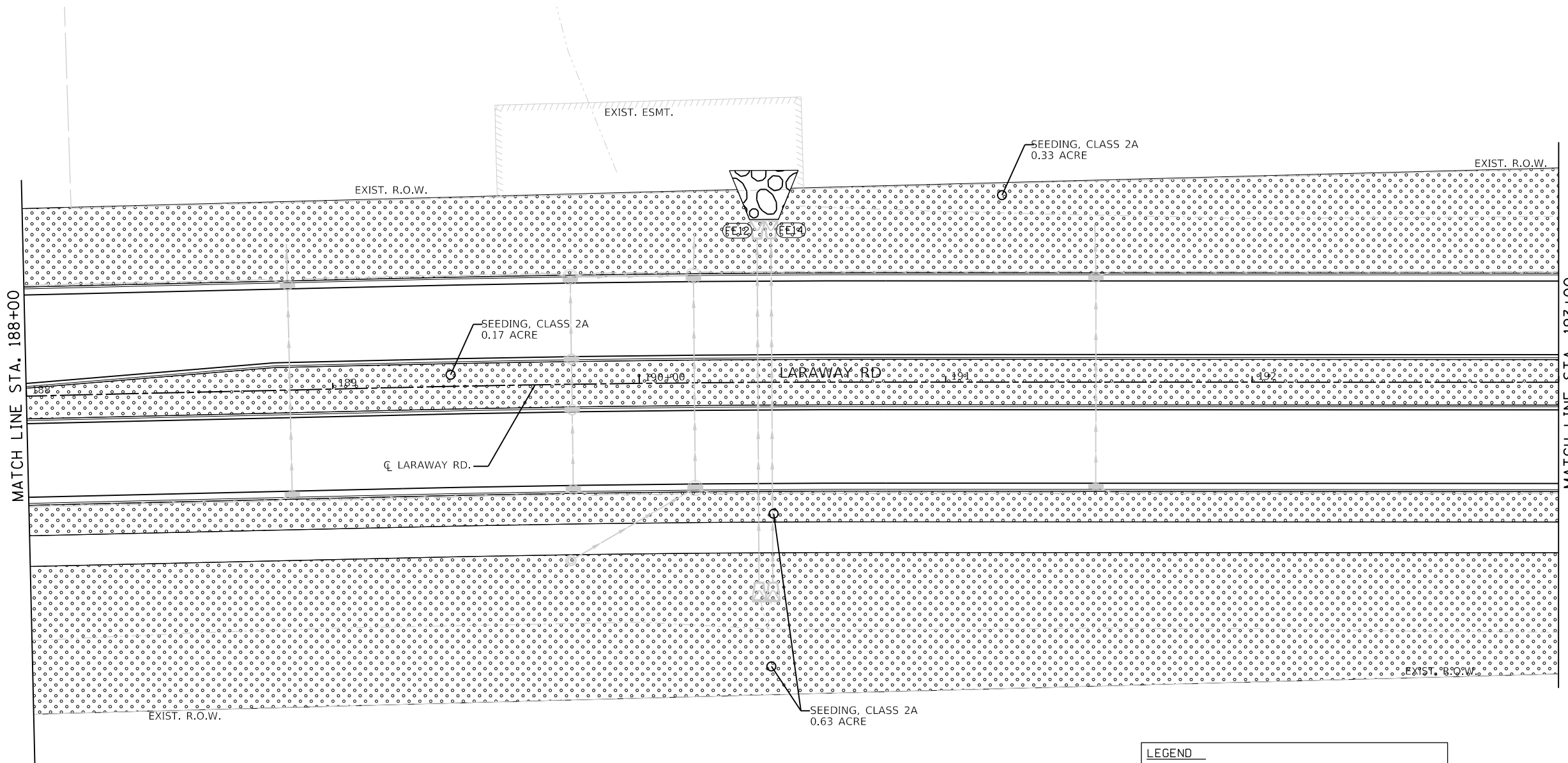
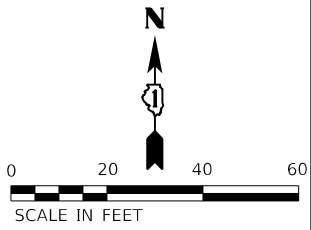
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 11 OF 15 SHEETS STA. 183+00 TO STA. 188+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	279
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	



- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.
  3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



FILE NAME =	shf-hndscp-12.dgn	DESIGNED -	BRF	REVISED -	
MODEL NAME =	Default	DRAWN -	BRF	REVISED -	
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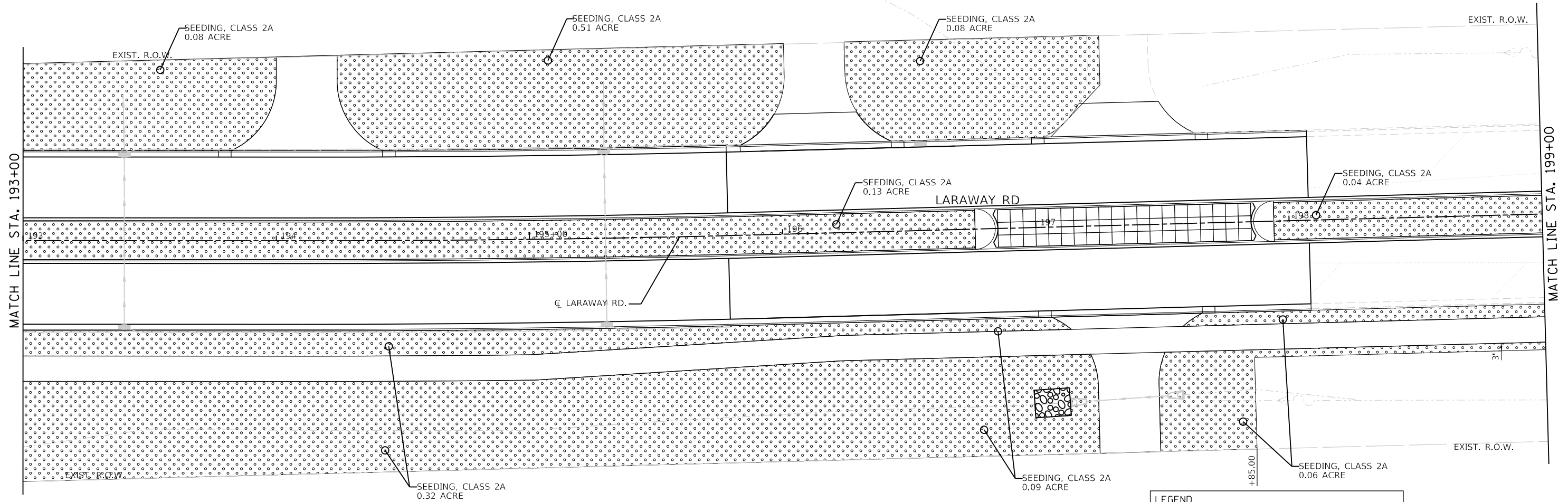
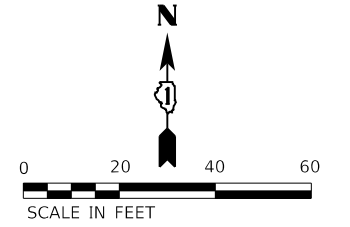
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 12 OF 15 SHEETS STA. 188+00 TO STA. 193+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	280
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		





- NOTES:**
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.
  2. SEE EROSION CONTROL PLANS FOR INFORMATION ON RIPRAP DESIGN.
  3. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



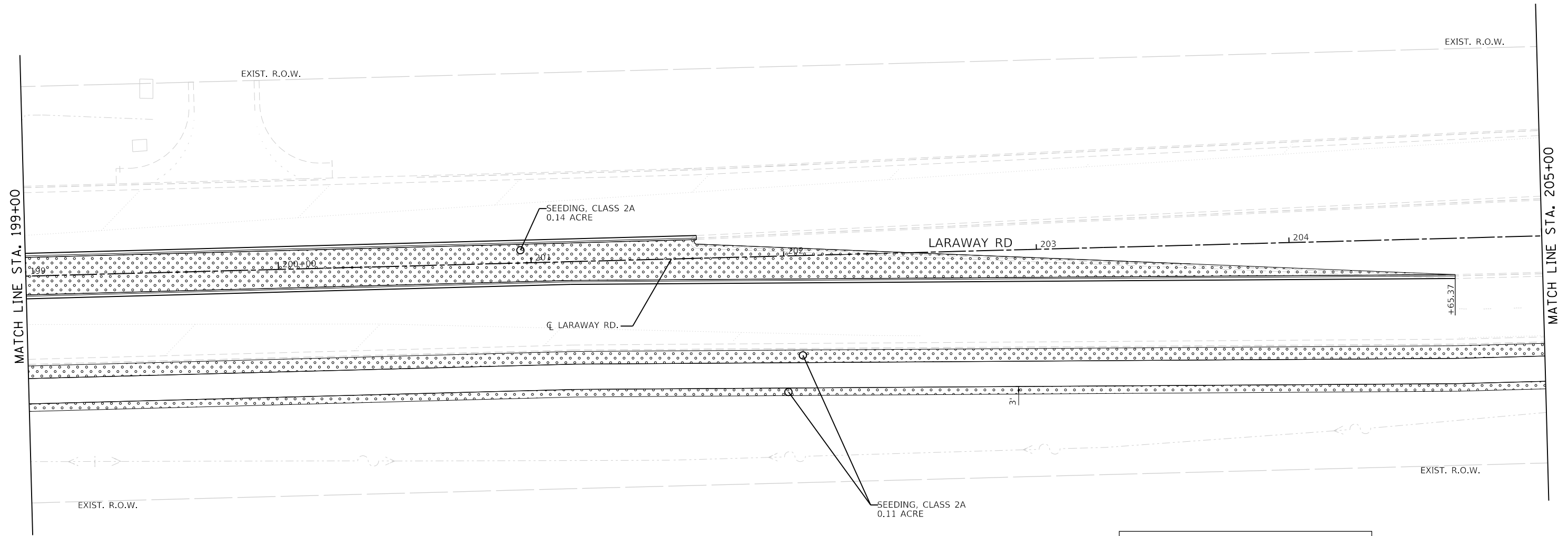
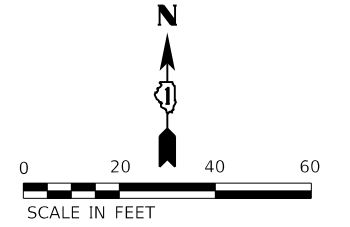
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

SCALE: 1"=20' SHEET 13 OF 15 SHEETS STA. 193+00 TO STA. 199+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	281
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		



**NOTES:**

1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDED MEDIAN AREAS
2. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 30" THICK IN SEEDED MEDIAN AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



FILE NAME = sht-lands-14.dgn  
MODEL NAME = Default  
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PLOT DATE = 9/9/2022 - 12:30:42 PM

DESIGNED - BRF  
DRAWN - BRF  
CHECKED - JMS  
DATE - 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
LARAWAY RD**

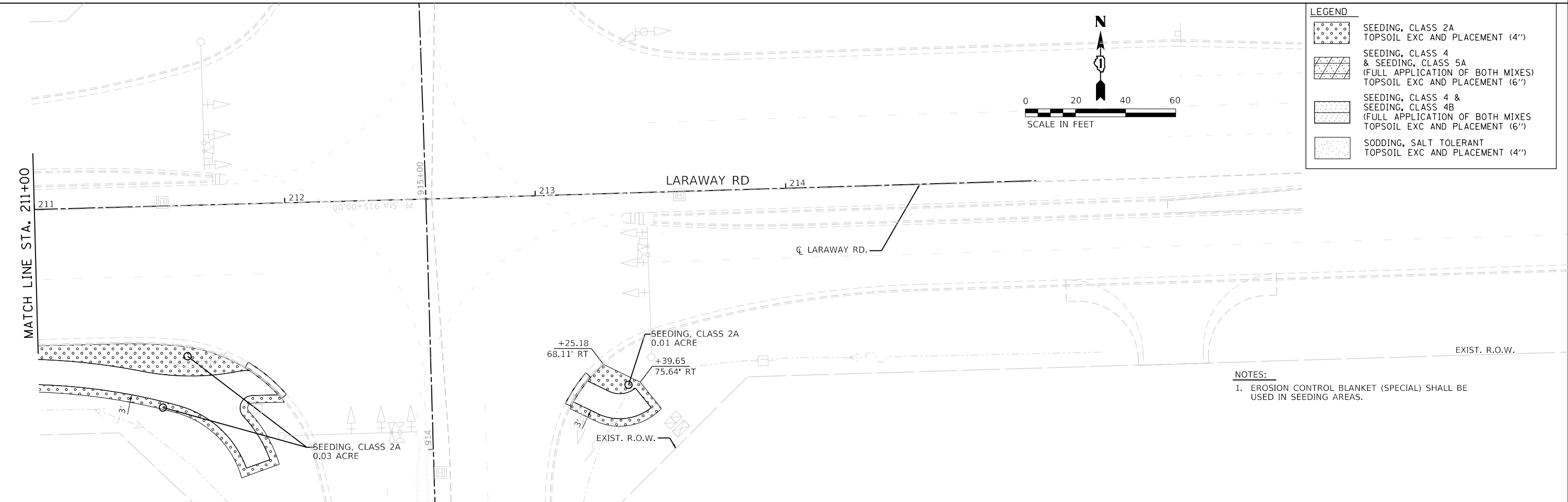
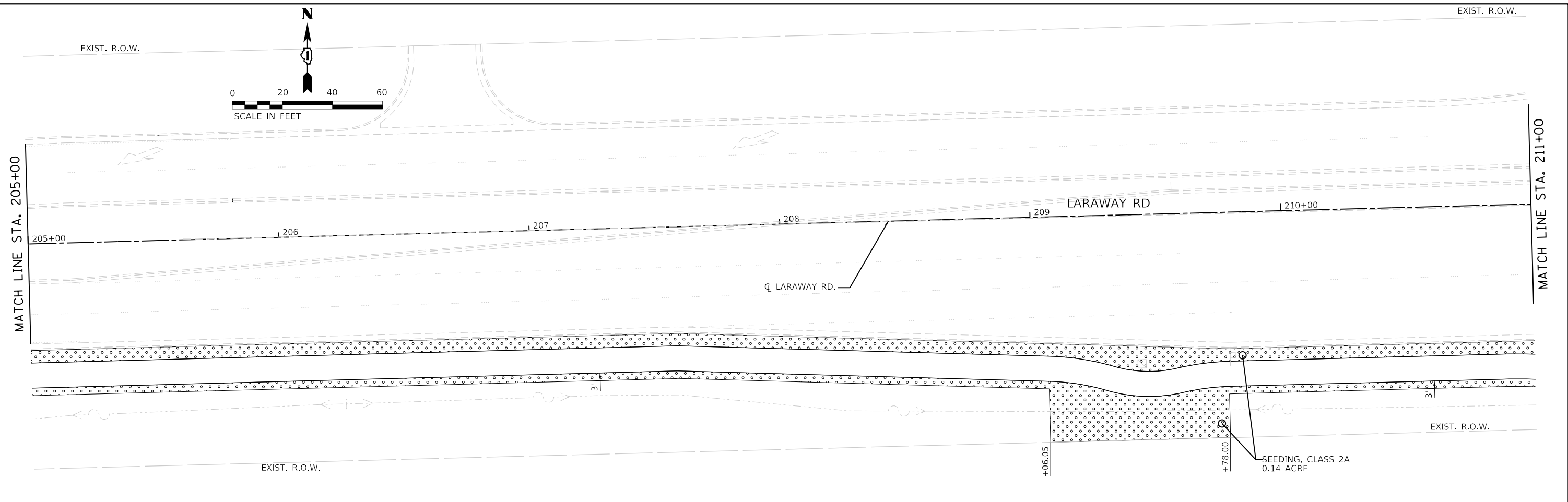
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	282
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

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= 9/9/2022 (12:30:43 PM)

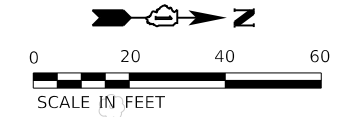
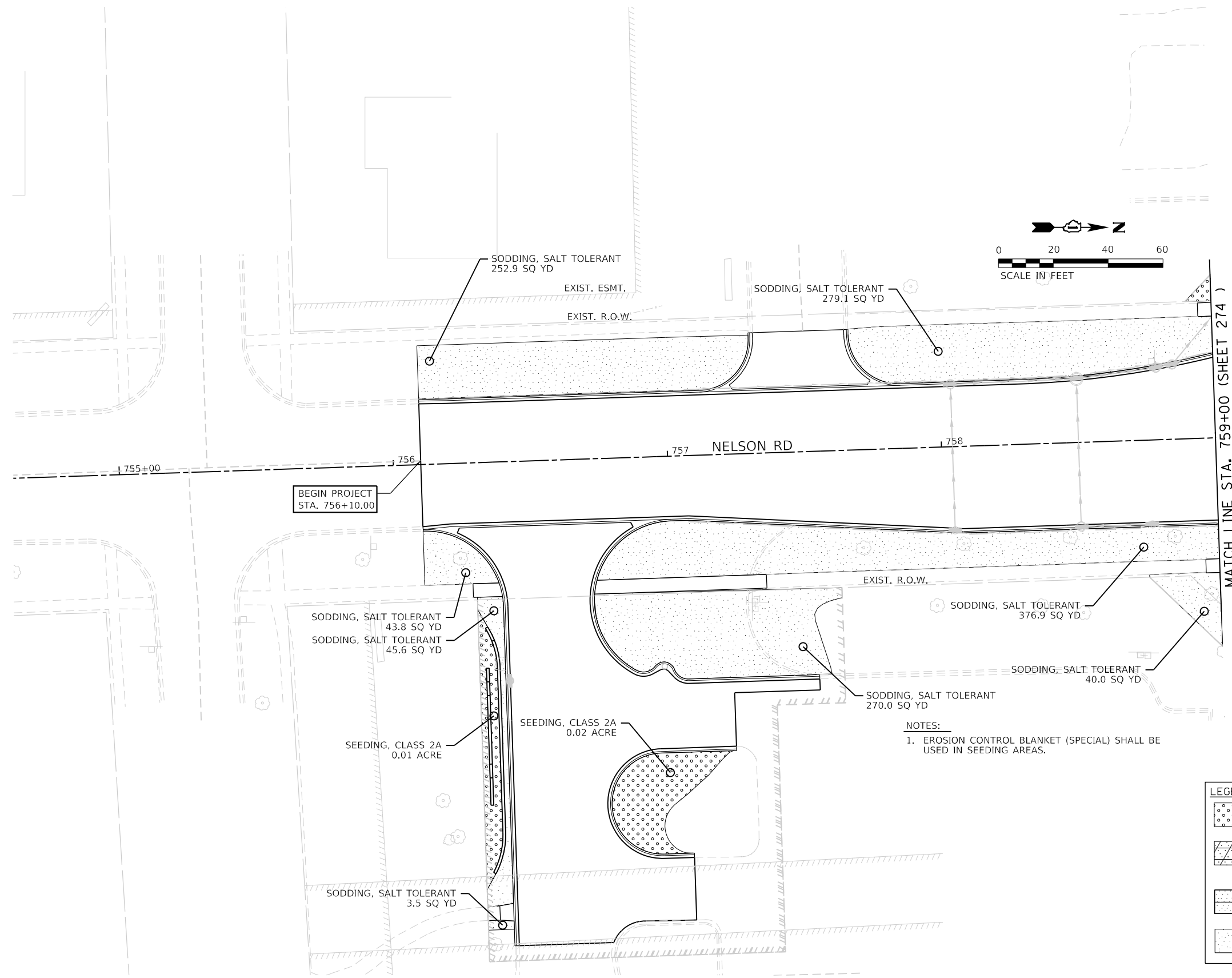
USER NAME  
DIRECTORY  
= Mike Moses  
= L:\MILLCOIT\1704-01\Drawings\CADD\_Sheets\_L



LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")

NOTES:  
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.

	FILE NAME = sht-landscp-15.dgn	DESIGNED - BRF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LANDSCAPING PLAN</b> <b>LARAWAY RD</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = Default	DRAWN - BRF	REVISED -					0320	13-00138-37-PV	WILL	413	283
	PLOT SCALE = 40.0018' / in.	CHECKED - JMS	REVISED -					CONTRACT NO. 61H20				
	PLOT DATE = 9/9/2022 - 12:30:43 PM	DATE - 09/09/2022	REVISED -		SCALE: 1"=20'	SHEET 15	OF 15 SHEETS	STA. 205+00	TO STA. 217+00	ILLINOIS FED. AID PROJECT		



**NOTES:**  
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



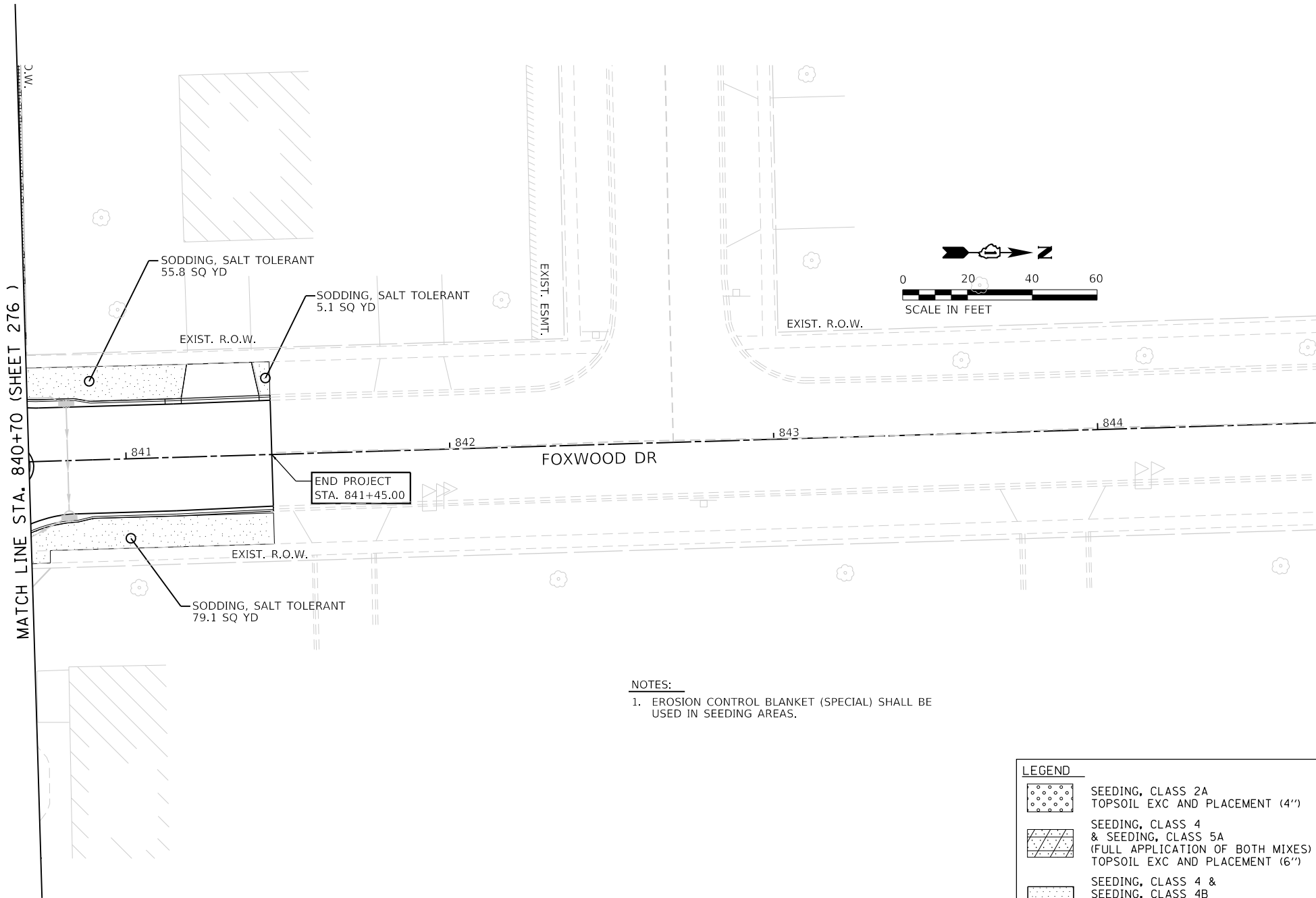
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
NELSON RD**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 755+00 TO STA. 759+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	284
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				



NOTES:  
1. EROSION CONTROL BLANKET (SPECIAL) SHALL BE USED IN SEEDING AREAS.

LEGEND	
	SEEDING, CLASS 2A TOPSOIL EXC AND PLACEMENT (4")
	SEEDING, CLASS 4 & SEEDING, CLASS 5A (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SEEDING, CLASS 4 & SEEDING, CLASS 4B (FULL APPLICATION OF BOTH MIXES) TOPSOIL EXC AND PLACEMENT (6")
	SODDING, SALT TOLERANT TOPSOIL EXC AND PLACEMENT (4")



FILE NAME =	shf-hndscp-17.dgn	DESIGNED -	BRF	REVISED -	
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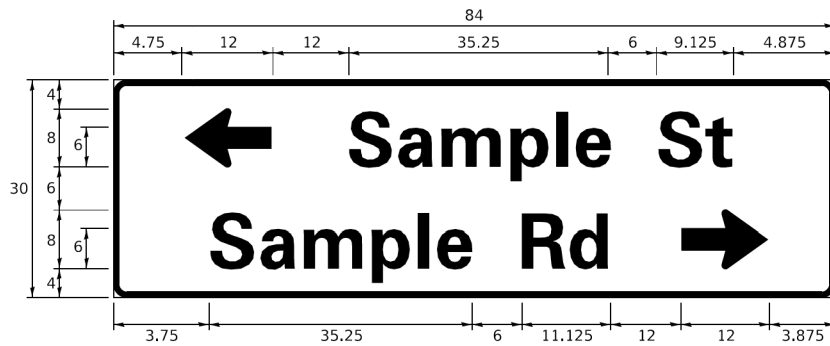
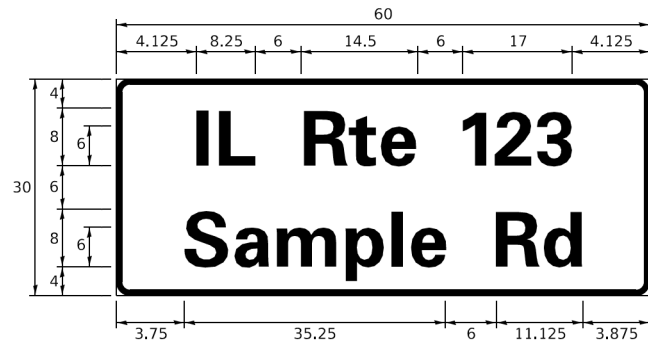
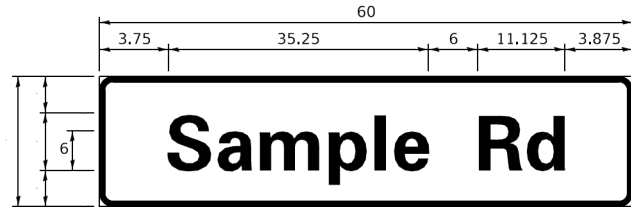
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
FOXWOOD DR

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 840+70 TO STA. 844+70

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	285
CONTRACT NO. 61H20				
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, 877005, 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:

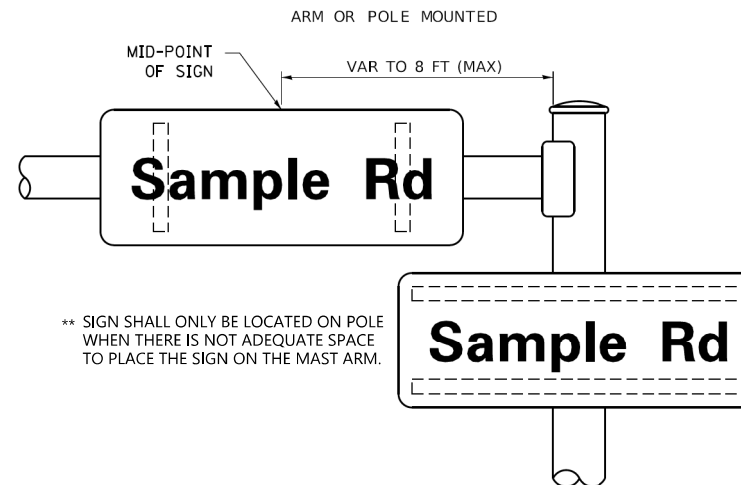
SIGN CHANNEL  
SIGN SCREWS

BRACKETS

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

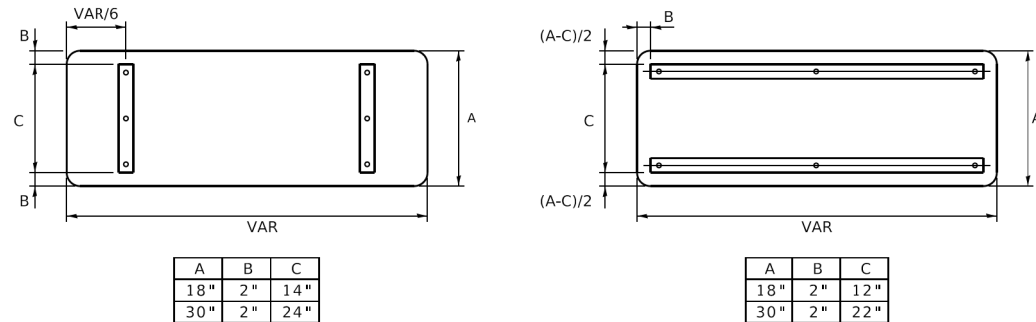
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



\*\* SIGN SHALL ONLY BE LOCATED ON POLE WHEN THERE IS NOT ADEQUATE SPACE TO PLACE THE SIGN ON THE MAST ARM.

SUPPORTING CHANNELS



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

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

STANDARD ALPHABETS SPACING CHART

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

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

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DRAWN - LP	CHECKED - IP	REVISED -
PLOT SCALE = 53.0000' / in.	DATE - 10/01/2014	REVISED -
PLOT DATE = 3/4/2019		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
MAST ARM MOUNTED STREET NAME SIGNS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-02			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS  
IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	286
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 1 OF 19 SHEETS STA. - TO STA. -



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# 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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 PENTABLE = PENTABLES  
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PLOT DATE = 3/4/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TS-05</b>		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

FILE NAME =	DESIGNED -	REVISED -
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PLOT DATE = 9/9/2022	DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STANDARD DETAILS  
IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS**

SCALE: NTS SHEET 2 OF 19 SHEETS STA. - TO STA. -

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	287
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

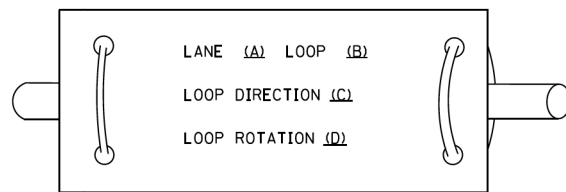


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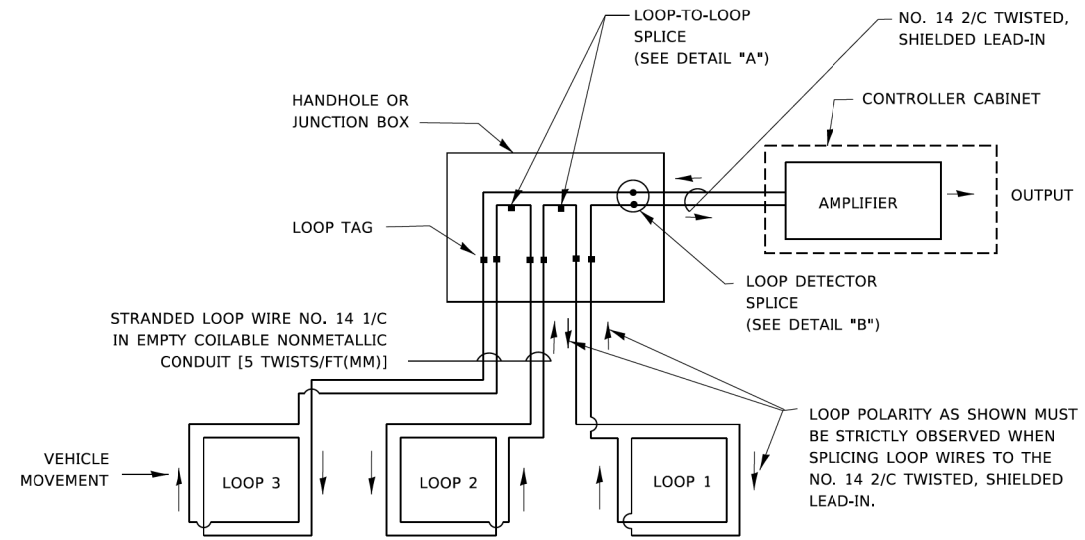
**LOOP DETECTOR NOTES**

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

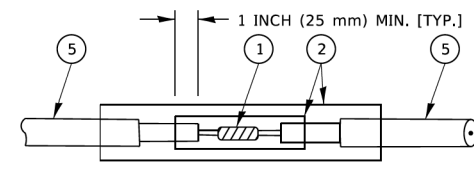


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

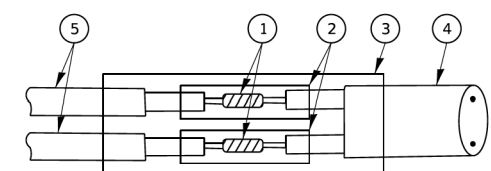


**DETECTOR LOOP WIRING SCHEMATIC**

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

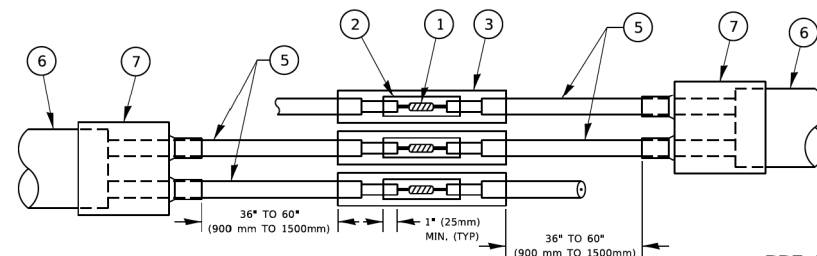


DETAIL "A"  
LOOP-TO-LOOP SPLICE

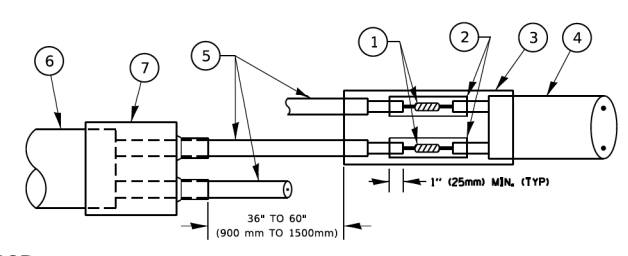


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PRE-FORMED LOOP**

**LOOP DETECTOR SPLICE**

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

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PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 2	OF 7 SHEETS	STA. TO STA.

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



FILE NAME =	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

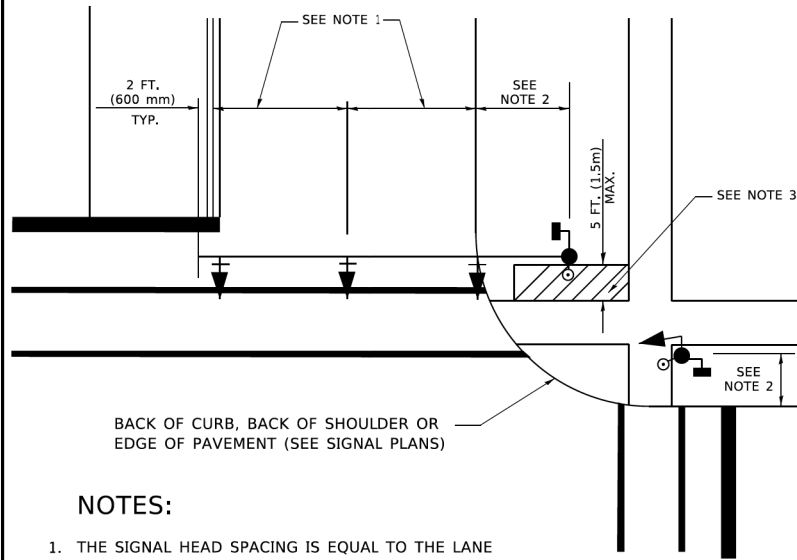
STANDARD DETAILS IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS			
SCALE: NTS	SHEET 3	OF 19 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	288
			CONTRACT NO. 61H20	
ILLINOIS			FED. AID PROJECT	



**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

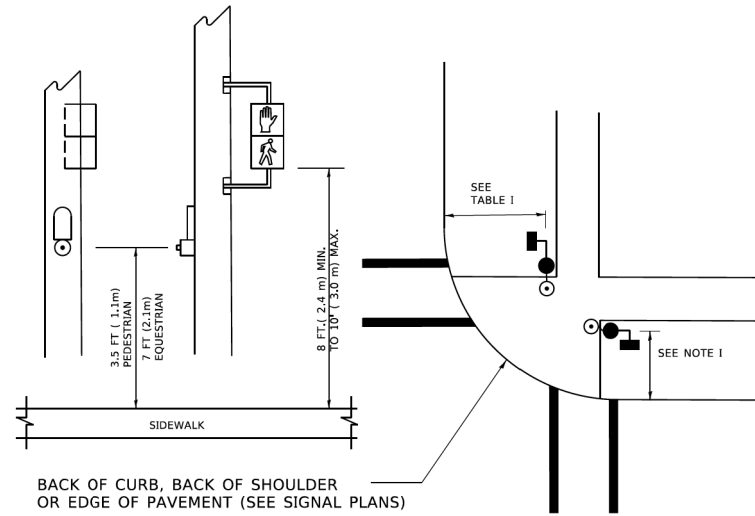
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

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

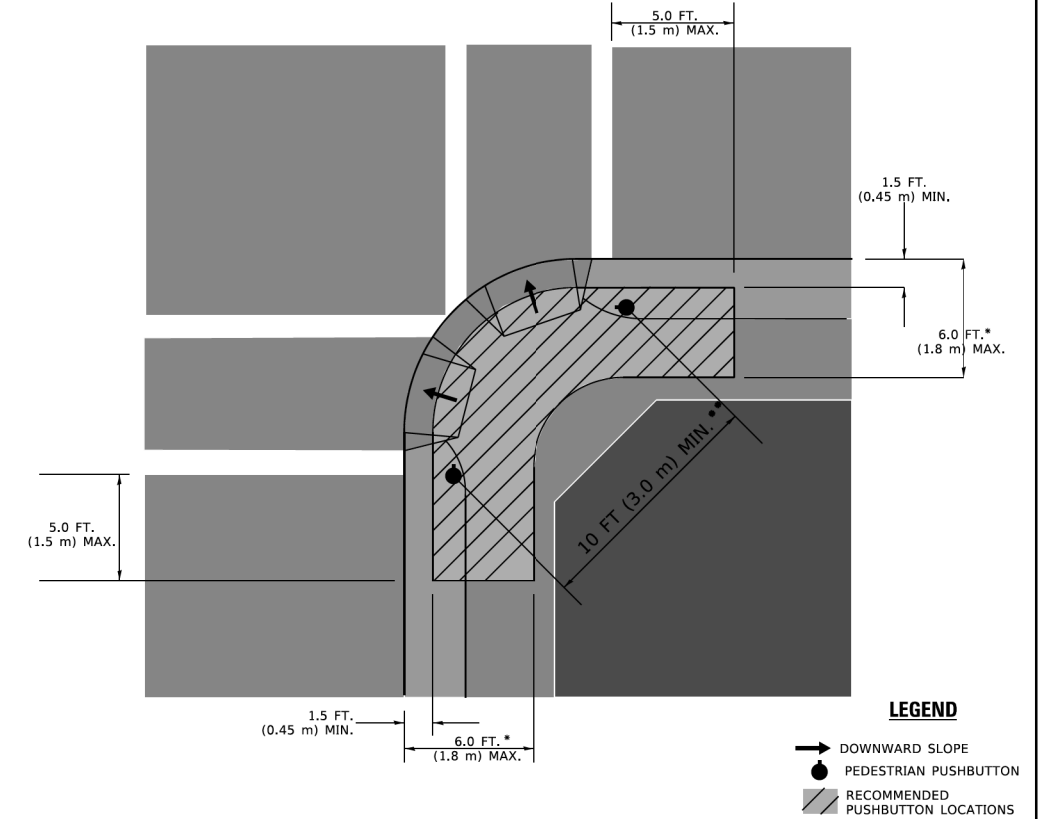
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**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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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

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



FILE NAME =	DESIGNED -	REVISED -
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PLOT DATE = 9/9/2022	DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STANDARD DETAILS  
IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS**

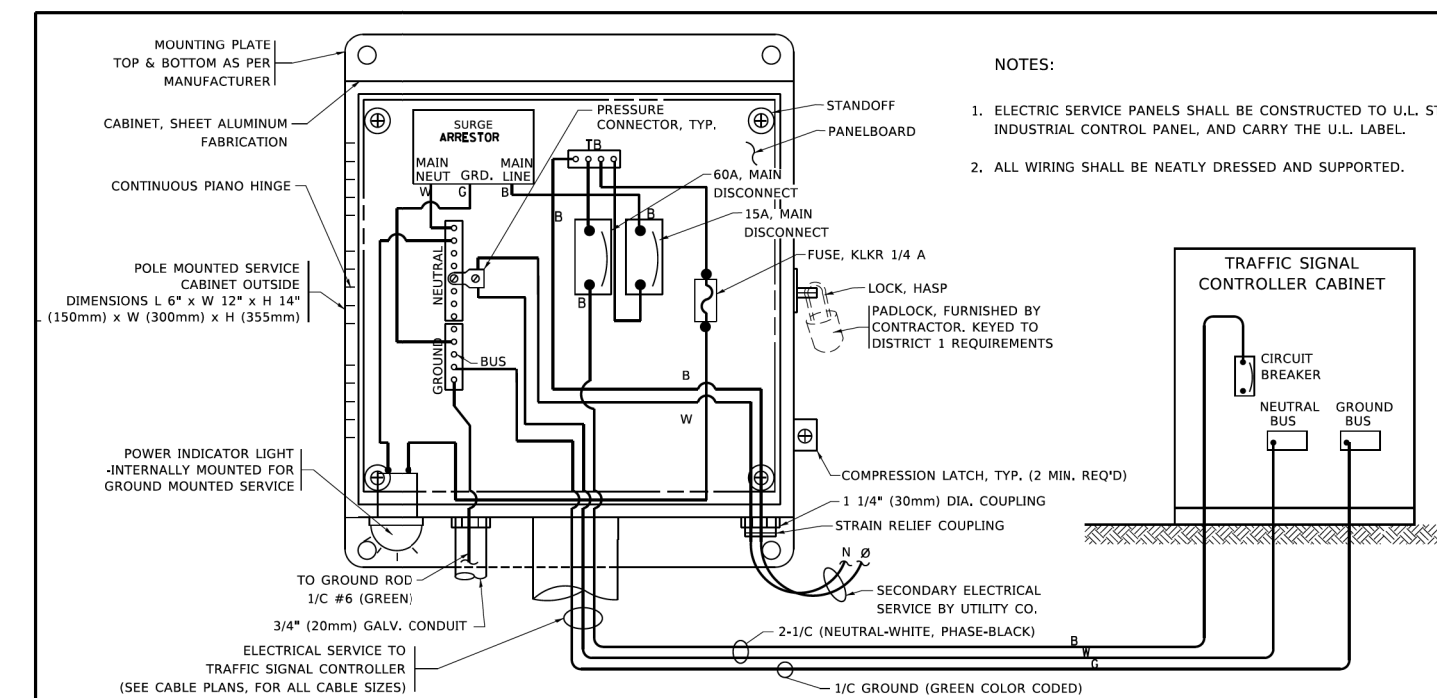
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0320	13-00138-37-PV	WILL	413	289
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 4 OF 19 SHEETS STA. - TO STA. -

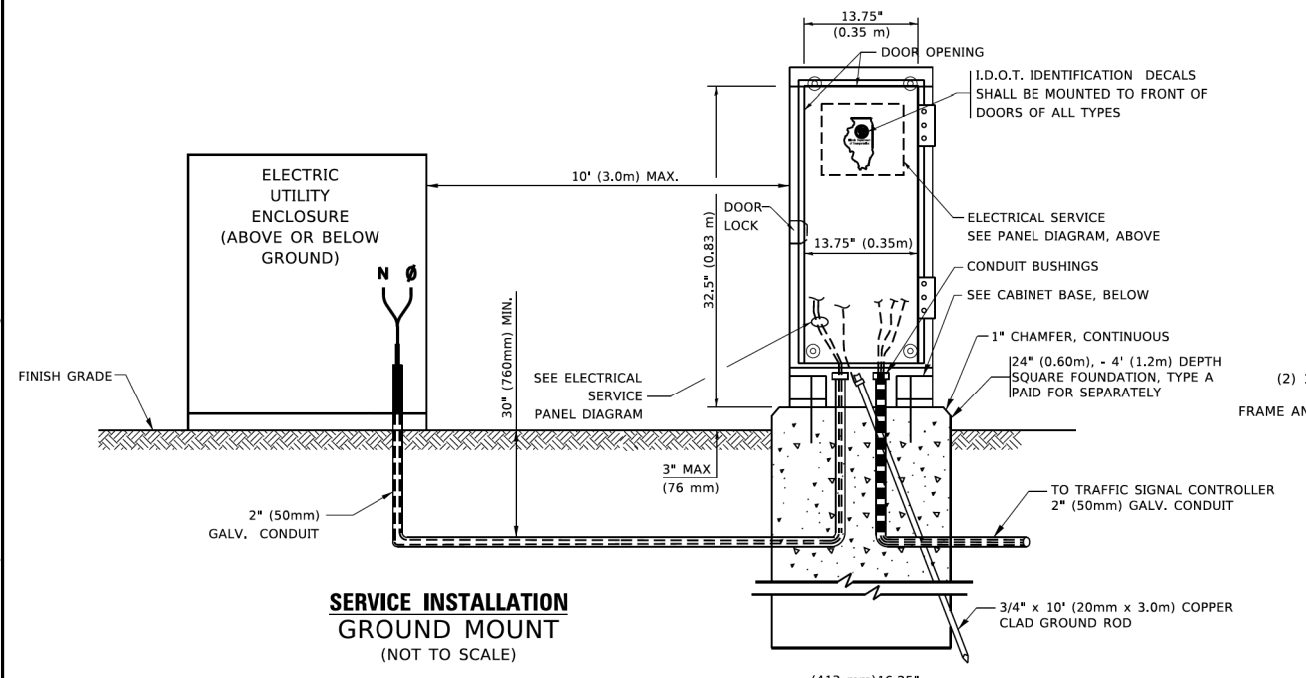
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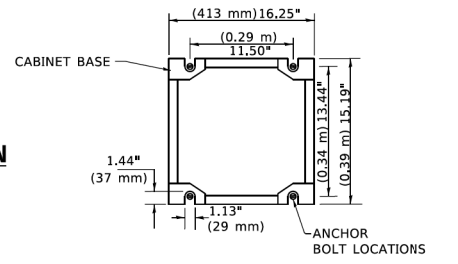
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DIRECTOR = L:\MILLCOIT\704-01\Drawn\CADD\_Sheets



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

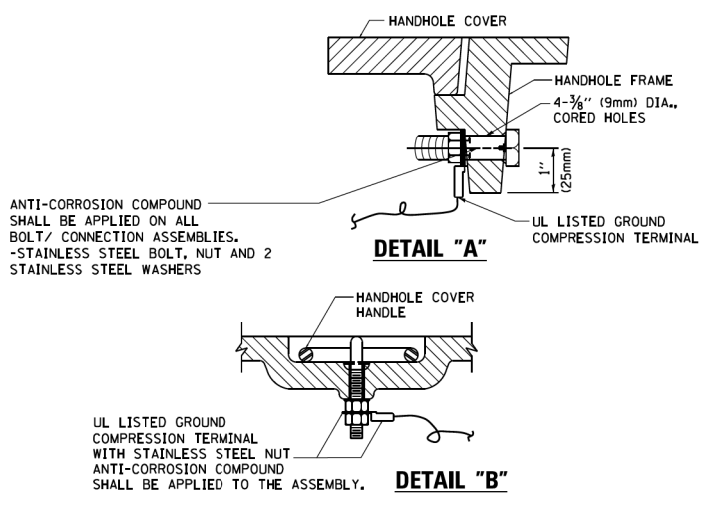


**SERVICE INSTALLATION GROUND MOUNT**  
(NOT TO SCALE)

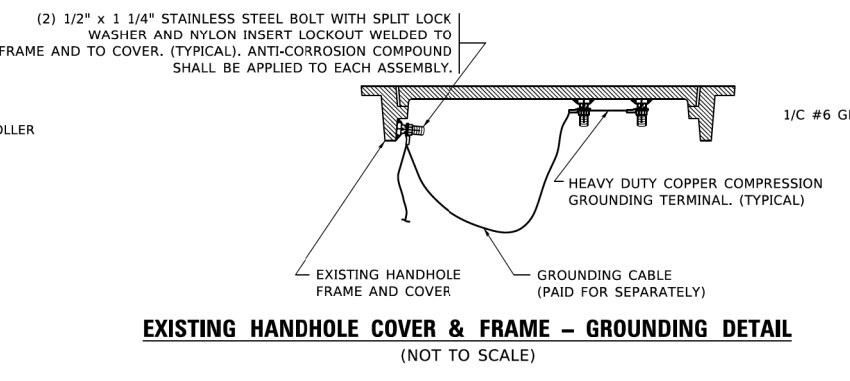


**CABINET - BASE BOLT PATTERN**  
(NOT TO SCALE)

- NOTES:
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
  2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

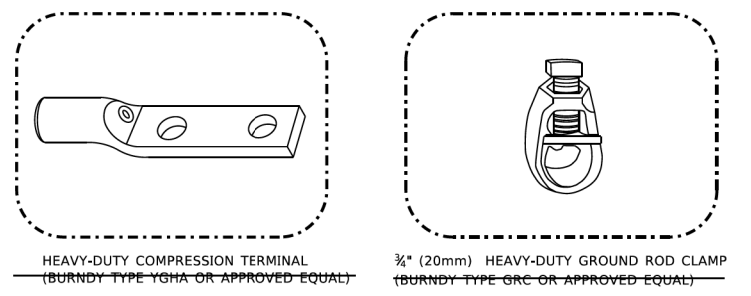


**HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
(NOT TO SCALE)

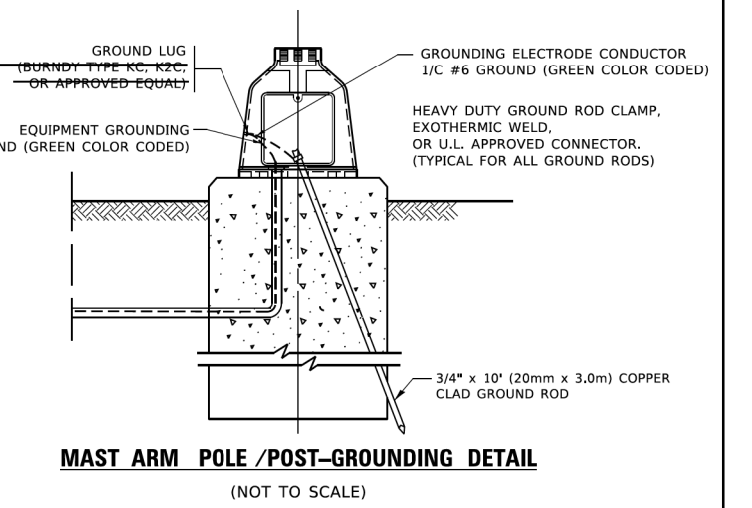


**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
(NOT TO SCALE)

- NOTES:
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4\"/>
  - 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  - 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  - 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- 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.



**MAST ARM POLE /POST-GROUNDING DETAIL**  
(NOT TO SCALE)

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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 50,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	

<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET 4	OF 7 SHEETS	STA. TO STA.
<b>STANDARD DETAILS IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS</b>			
SCALE: NTS	SHEET 5	OF 19 SHEETS	STA. TO STA.

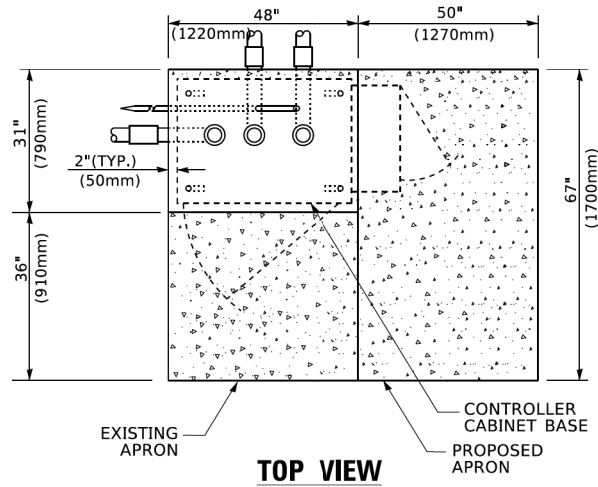
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TS-05</b>		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

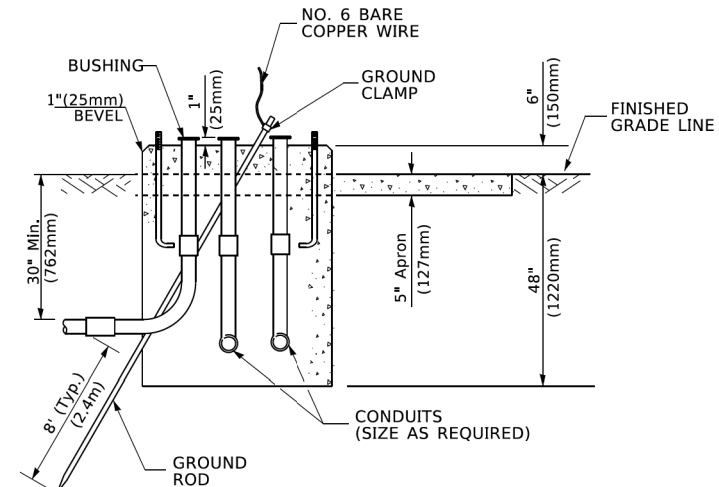
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	290
CONTRACT NO. 61H20		ILLINOIS FED. AID PROJECT		



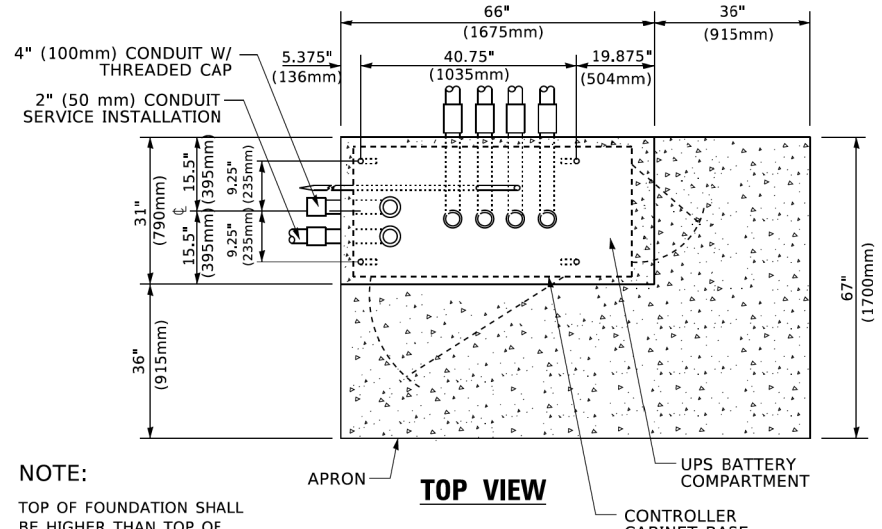
License No. 184-000613 Copyright CMT, Inc.



**TOP VIEW**

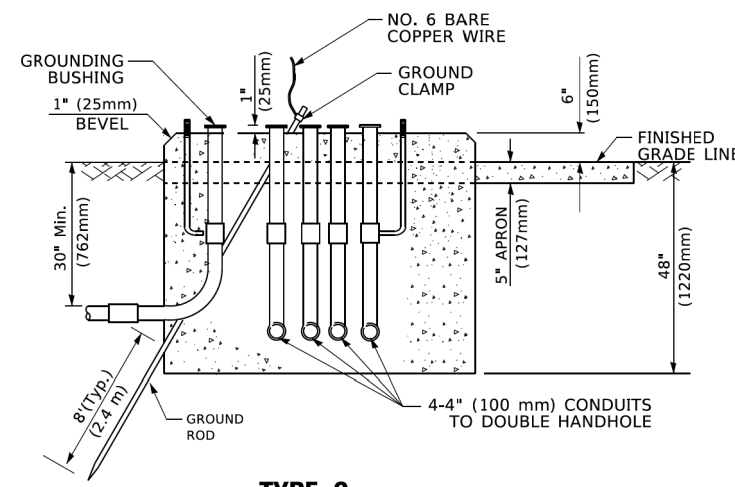


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

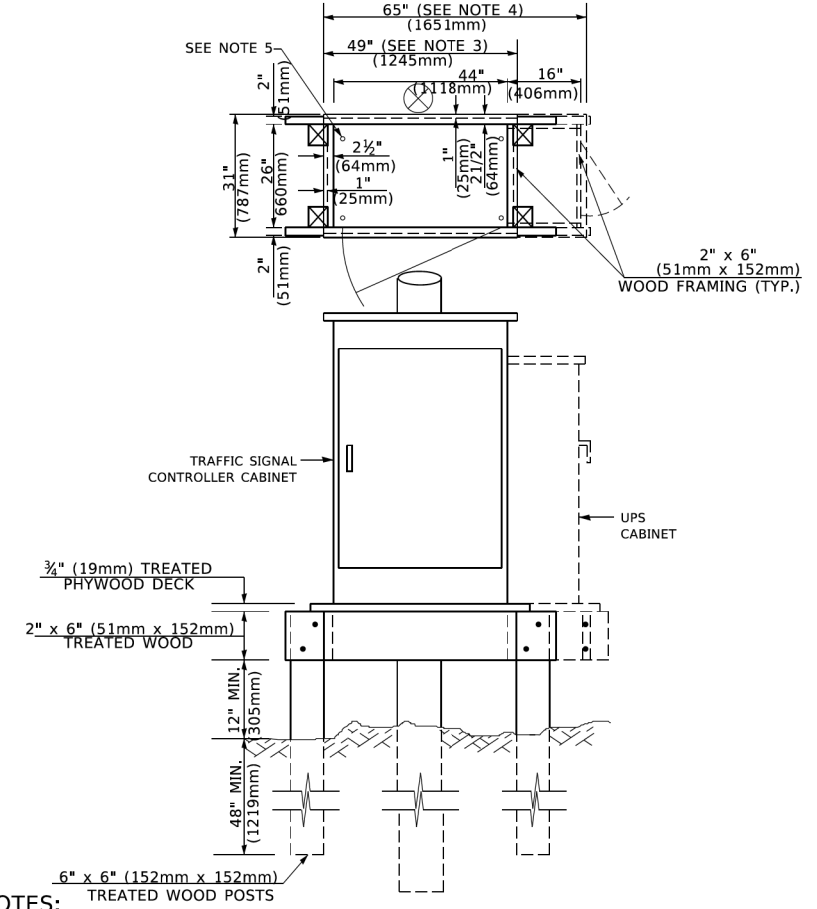


**TOP VIEW**

**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" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
- BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- 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)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and 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)	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**

USER NAME = footermj	DESIGNED -	REVISED -
PLOT SCALE = 53.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		SHEET 5 OF 7 SHEETS STA. TO STA.	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS-05				CONTRACT NO.
ILLINOIS				FED. AID PROJECT

FILE NAME =	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0001' / in.	CHECKED -	REVISED -
PLOT DATE = 9/9/2022	DATE - 09/09/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NTS		SHEET 6 OF 19 SHEETS STA. TO STA.	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	291
				CONTRACT NO. 61H20
ILLINOIS				FED. AID PROJECT

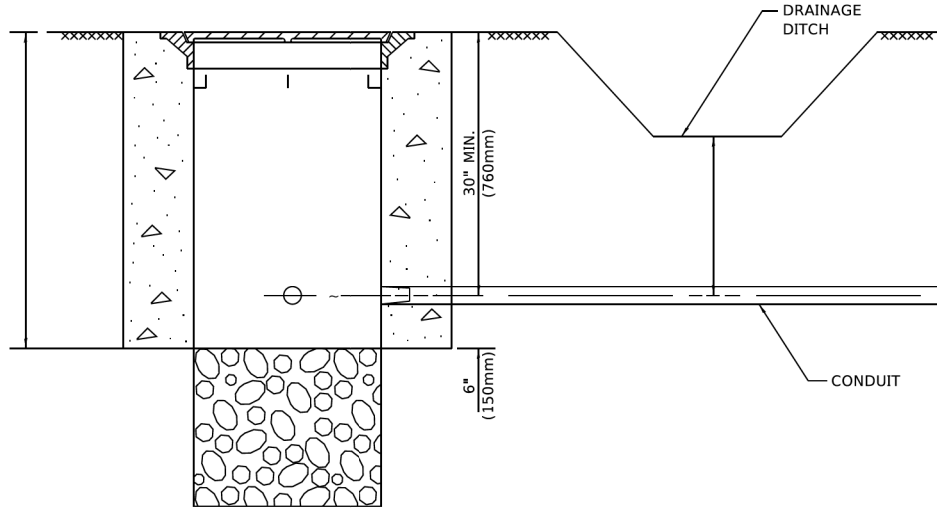


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PLOT SCALE = PENTABLES

PLOT SCALE = 2,000' / 1" = 5/9/2022 (12:31:55 PM)  
PLOT DATE =

USER NAME = Mike Moses  
DIRECTOR = L:\MILL\COIT17204-01\Draw\CADD\_Sheets

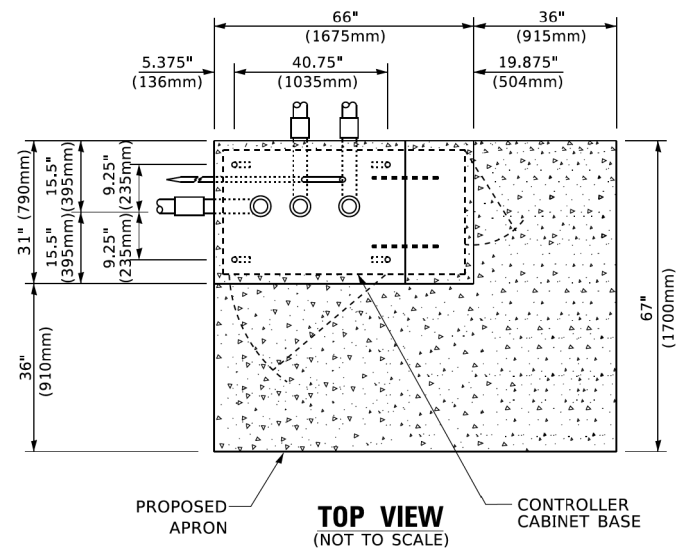
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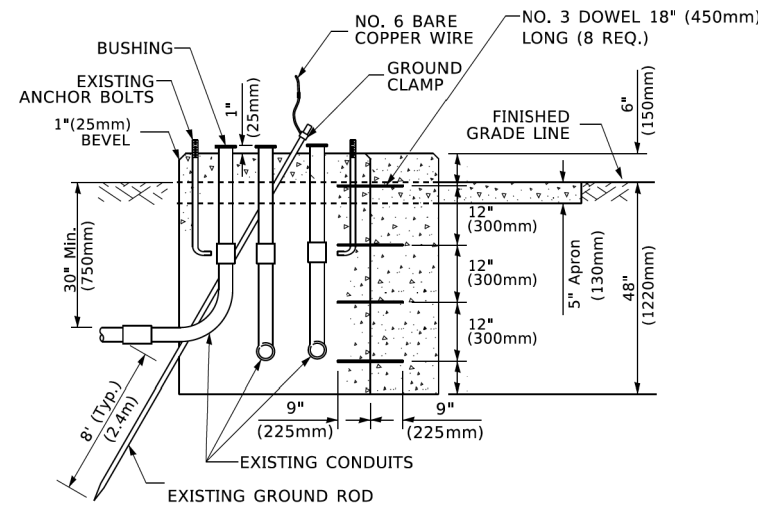
**NOTES:**

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

**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



**TOP VIEW**  
(NOT TO SCALE)

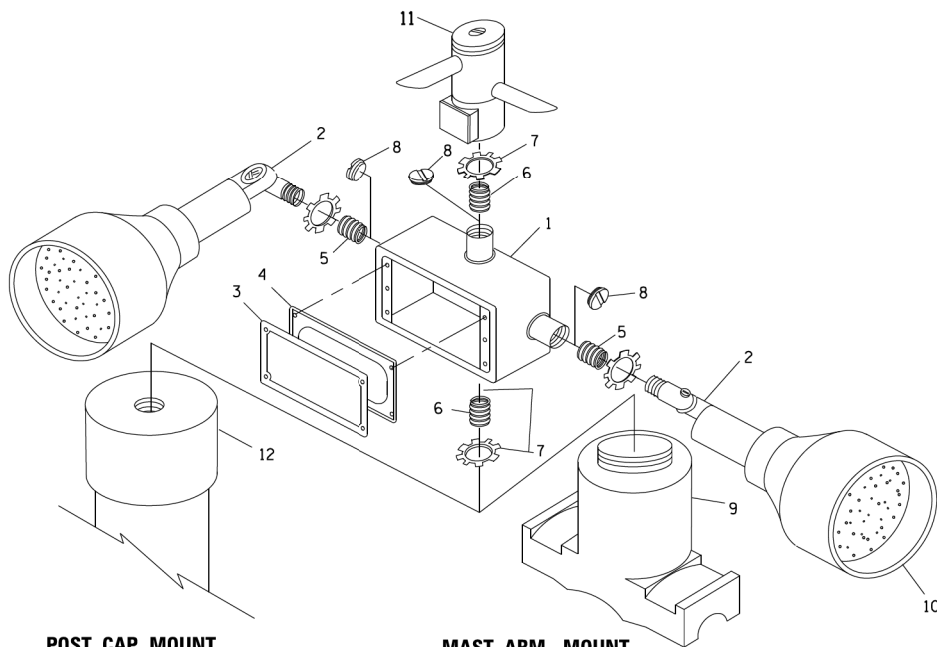


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

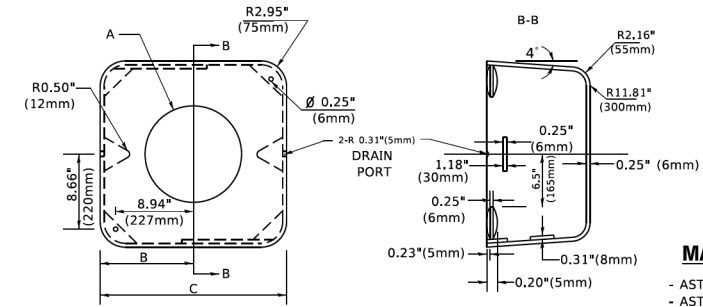
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT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

**NOTES:**

- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
- 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
- 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.



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



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)

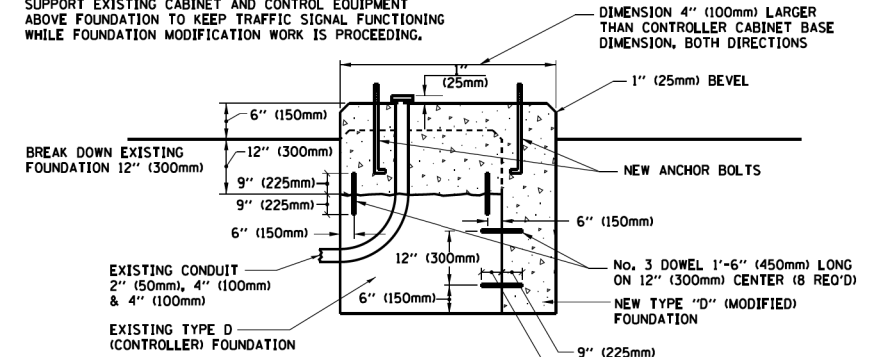
**SHROUD**

**NOTES:**

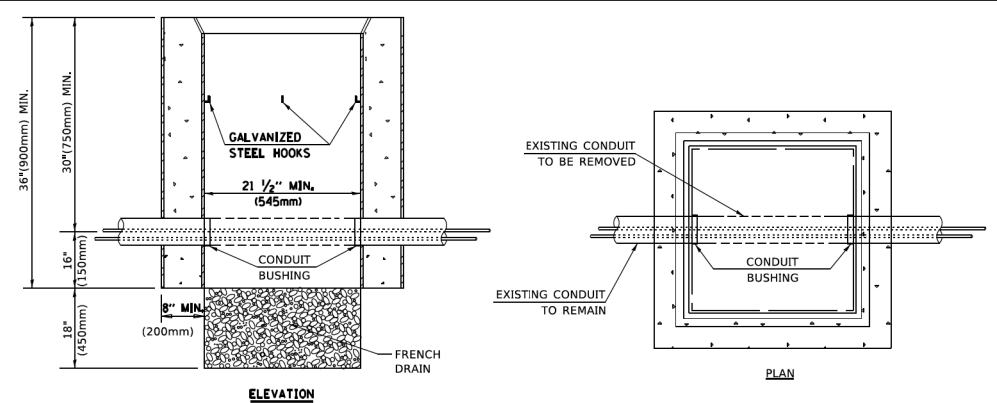
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**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:**

- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
- 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**

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 53,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

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

<b>DISTRICT ONE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		<b>TS-05</b>		CONTRACT NO.		
SCALE: NONE	SHEET 6 OF 7 SHEETS	STA.	TO STA.			

FILE NAME =	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 9/9/2022	DATE - 09/09/2022	REVISED -

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

<b>STANDARD DETAILS</b>		F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>IDOT DISTRICT 1 TRAFFIC SIGNAL STANDARD DETAILS</b>		0320	13-00138-37-PV	WILL	413	292
SCALE: NTS	SHEET 7 OF 19 SHEETS	STA. -	TO STA. -			



<b>ILLINOIS</b>		FED. AID PROJECT
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### INDEX OF SHEETS – TRAFFIC SIGNALS

SHEET	SHEET TITLE
286	DISTRICT ONE - MAST ARM MOUNTED STREET NAME SIGNS
287	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
288	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
289	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
290	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
291	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
292	DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS
293	TRAFFIC SIGNAL PLAN - INDEX OF SHEETS, STANDARDS, SOQ
294	TEMPORARY TRAFFIC SIGNAL PLAN - LARAWAY RD & NELSON RD - INITIAL SETUP - PRESTAGE
295	TEMPORARY TRAFFIC SIGNAL PLAN - LARAWAY RD & NELSON RD - STAGE 1A, 1B & 1C
296	TEMPORARY TRAFFIC SIGNAL PLAN - LARAWAY RD & NELSON RD - STAGE 2A, 2B & 2C
297	TEMPORARY TRAFFIC SIGNAL PLAN - LARAWAY RD & NELSON RD - STAGE 2D & 3
298	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - LARAWAY RD & NELSON RD
301	TRAFFIC SIGNAL PLAN - LARAWAY RD & NELSON RD INTERSECTION
302	TRAFFIC SIGNAL CABLE PLAN - LARAWAY RD & NELSON RD INTERSECTION
303	TRAFFIC SIGNAL PLAN - LARAWAY RD & CEDAR RD INTERSECTION
304	TRAFFIC SIGNAL CABLE PLAN - LARAWAY RD & CEDAR RD INTERSECTION

### I.D.O.T. HIGHWAY STANDARD DRAWINGS


814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

### I.D.O.T. (DISTRICT 1) DETAIL DRAWINGS

TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

### SUMMARY OF QUANTITIES

CODE NO.	DESCRIPTION	UNIT	LARAWAY & NELSON TEMPORARY SIGNAL QUANTITY	LARAWAY & NELSON PERMANENT SIGNAL QUANTITY	LARAWAY & CEDAR PERMANENT SIGNAL QUANTITY	TOTAL SIGNAL QUANTITY	RECORD SIGNAL QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT		791		791	
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT		112		112	
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT		512		512	
81400100	HANDHOLE	EACH		4		4	
81400200	HEAVY-DUTY HANDHOLE	EACH		4		4	
81400300	DOUBLE HANDHOLE	EACH		2		2	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT		1,450	282	1,732	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT		2,462	296	2,758	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT		463		463	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT		3,372		3,372	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT		6,781		6,781	
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT		31		31	
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT		526		526	
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH		4		4	
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH		1		1	
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH		1		1	
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH		1		1	
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH		1		1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT		16		16	
87800150	CONCRETE FOUNDATION, TYPE C	FOOT		4		4	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT		43		43	
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT		21		21	
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH		2		2	
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH		8		8	
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH		8		8	
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH		8	2	10	
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH		10		10	
88500100	INDUCTIVE LOOP DETECTOR	EACH		8		8	
88600100	DETECTOR LOOP, TYPE I	FOOT		1,410		1,410	
88700200	LIGHT DETECTOR	EACH		4		4	
88700300	LIGHT DETECTOR AMPLIFIER	EACH		1		1	
88800100	PEDESTRIAN PUSH-BUTTON	EACH		8	2	10	
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2			2	
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1			1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1	
89502380	REMOVE EXISTING HANDHOLE	EACH	9			9	
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9			9	
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT		956		956	
X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH		1		1	
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH		1		1	
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH		1		1	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1	

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	PLOT DATE = 9/9/2022 - 12:32:06 PM	DATE - 09/09/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
INDEX OF SHEETS, STANDARDS, SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	293
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		

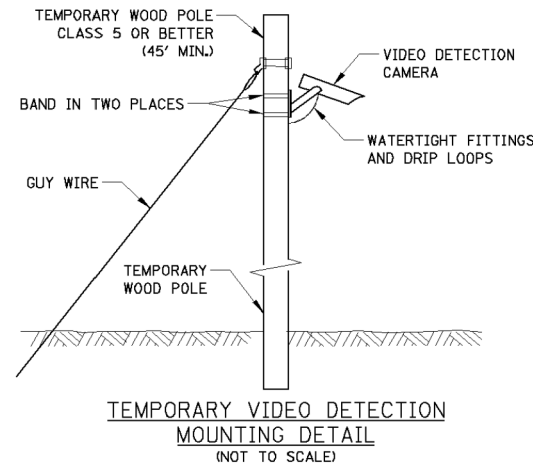
PLOT DRIVER  
PENTABLE  
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= L:\mwy\_singal\_signals.dwg

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH**

THE EXISTING EMERGENCY VEHICLE DETECTION SYSTEM SHALL BE REMOVED AND RELOCATED TO THE PROPOSED TEMPORARY TRAFFIC SIGNAL INSTALLATION. AT THE TIME OF ENERGIZING PERMANENT TRAFFIC SIGNAL INSTALLATION, THE EMERGENCY VEHICLE DETECTION SYSTEM SHALL BE REMOVED AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE VILLAGE OF NEW LENOX. CONTRACTOR TO COORDINATE EQUIPMENT RETURN WITH THE VILLAGE OF NEW LENOX (CONTACT WILL NASH 815-462-6490).

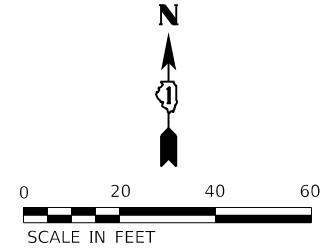
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 5 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET COMPLETE
- 4 EACH 1-FACE 3-SECTION SIGNAL HEAD
- 8 EACH 1-FACE 5-SECTION SIGNAL HEAD
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH 1-FACE 1-SECTION PEDESTRIAN SIGNAL HEAD
- 1 EACH 1-FACE 2-SECTION PEDESTRIAN SIGNAL HEAD
- 3 EACH PEDESTRIAN PUSH BUTTON

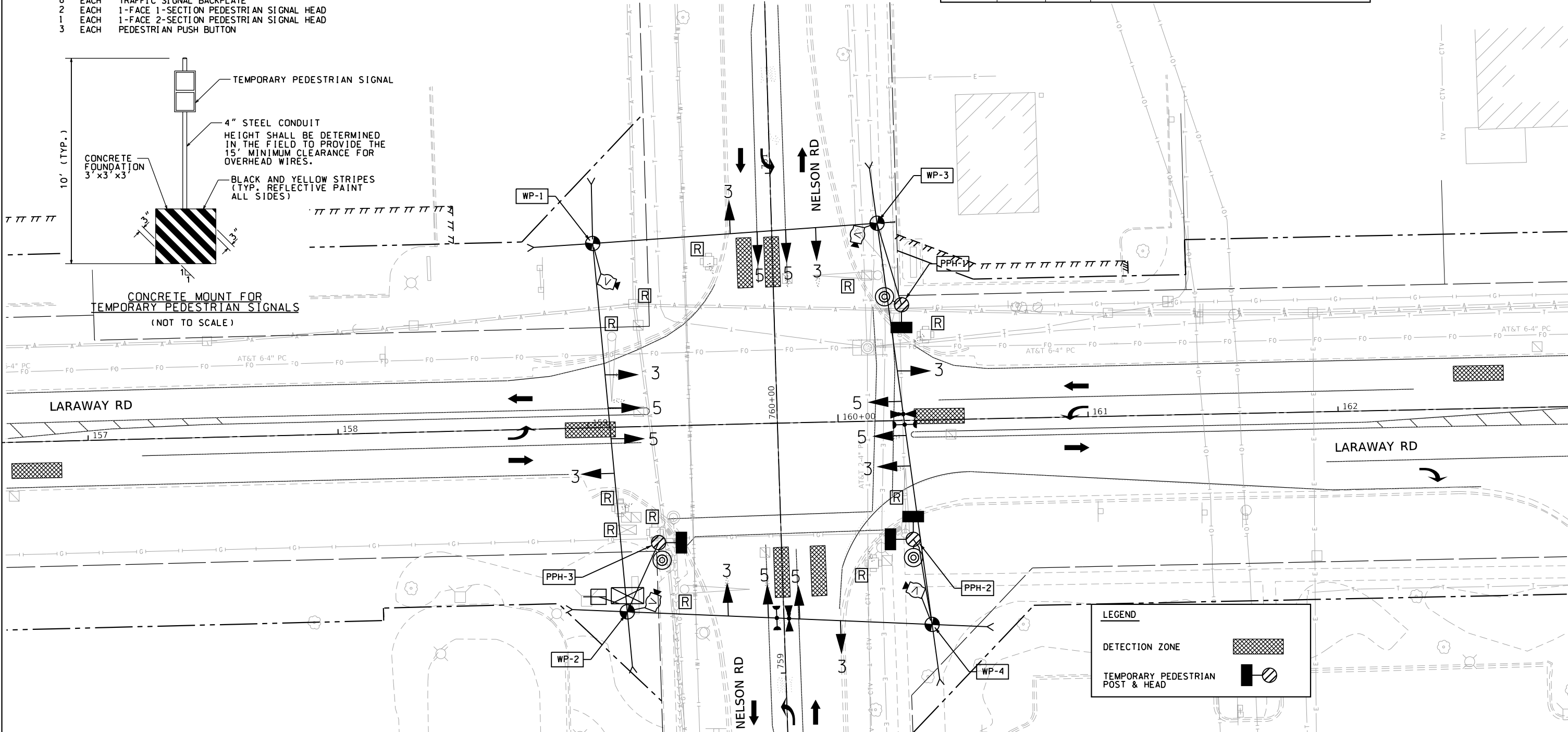
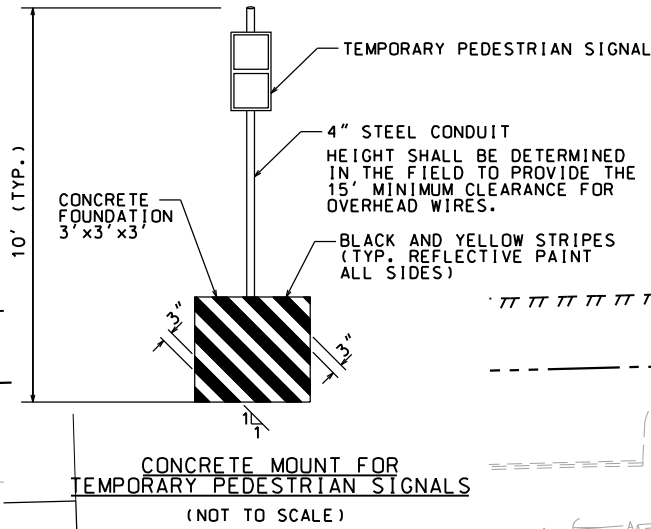


SIGNAL HEAD LOCATIONS FOR EACH CONSTRUCTION STAGE ARE SHOWN ON SHEETS 295, 296 & 297

STRUCTURE	STATION	OFFSET	POSSIBLE UTILITY CONFLICTS
WP-1	159+03.5	73.7' LT	NONE
WP-2	159+13.7	74.0' RT	UG FO CABLE
WP-3	160+17.2	79.1' LT	UG FO CABLE, TELEPHONE CABLE, & ELECTRIC CABLE
WP-4	160+35.7	81.9' RT	NONE
PPH-1	160+26.3	46.3' LT	NONE
PPH-2	160+29.1	47.6' RT	NONE
PPH-3	159+27.0	46.6' RT	NONE
SPAN WIRE			EXIST. OVERHEAD LINES



PLOT SCALE  
PLOT DATE  
= 40,000:1 (in  
= 9/9/2022 (12:32:12 PM)



**LEGEND**

- DETECTION ZONE
- TEMPORARY PEDESTRIAN POST & HEAD

USER NAME  
DIRECTORY  
= Mike Moss  
= L:\M\COIT\7204-01\Draw\CADD\_Sheets



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PLOT DATE =	9/9/2022 - 12:32:12 PM	DATE -	09/09/2022	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN  
LARAWAY RD AT NELSON ROAD - INITIAL SETUP & PRESTAGE

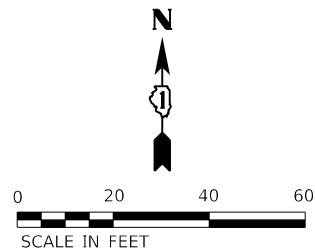
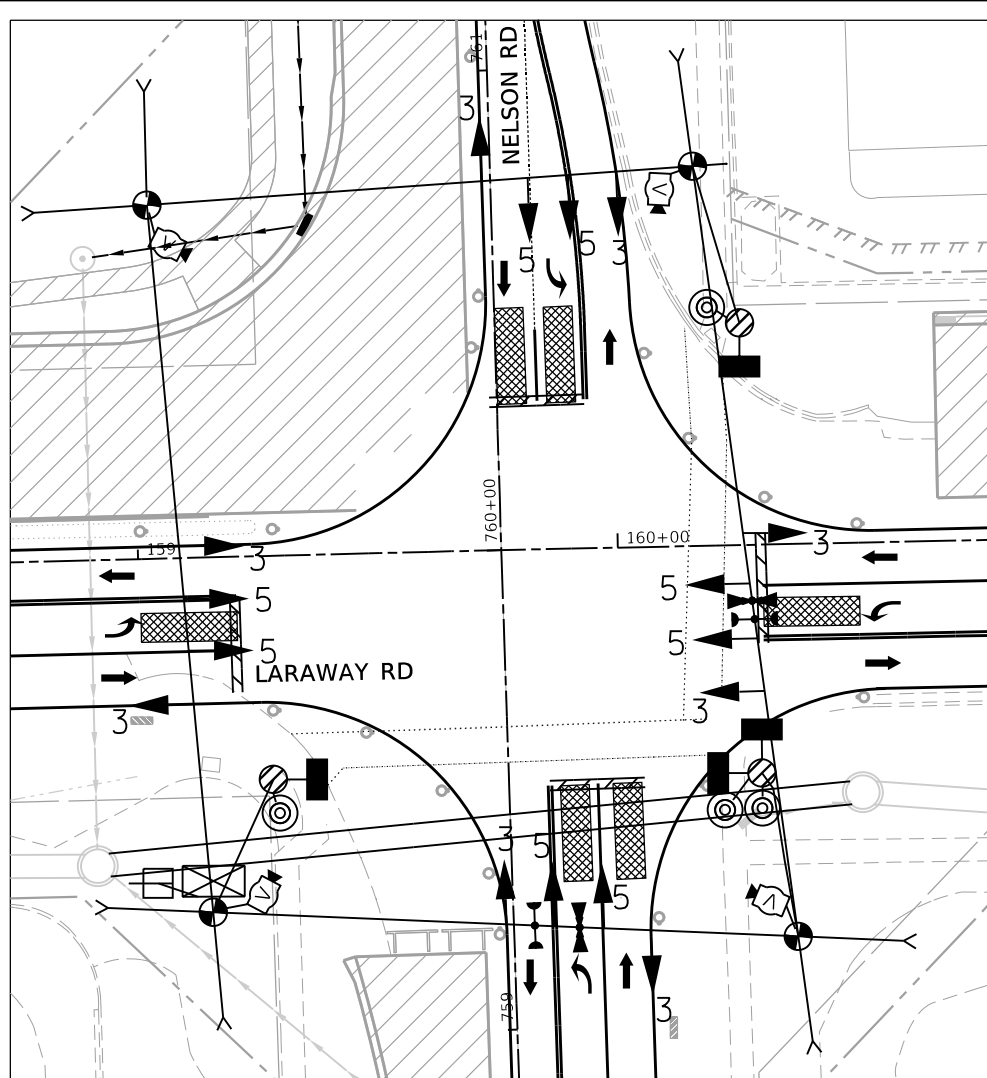
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	294
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	

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 PENTABLE = Laramay\_Staging\_Signals.dwg

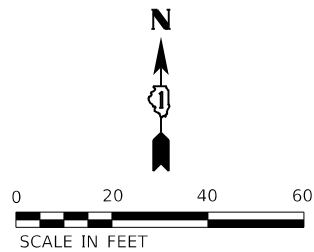
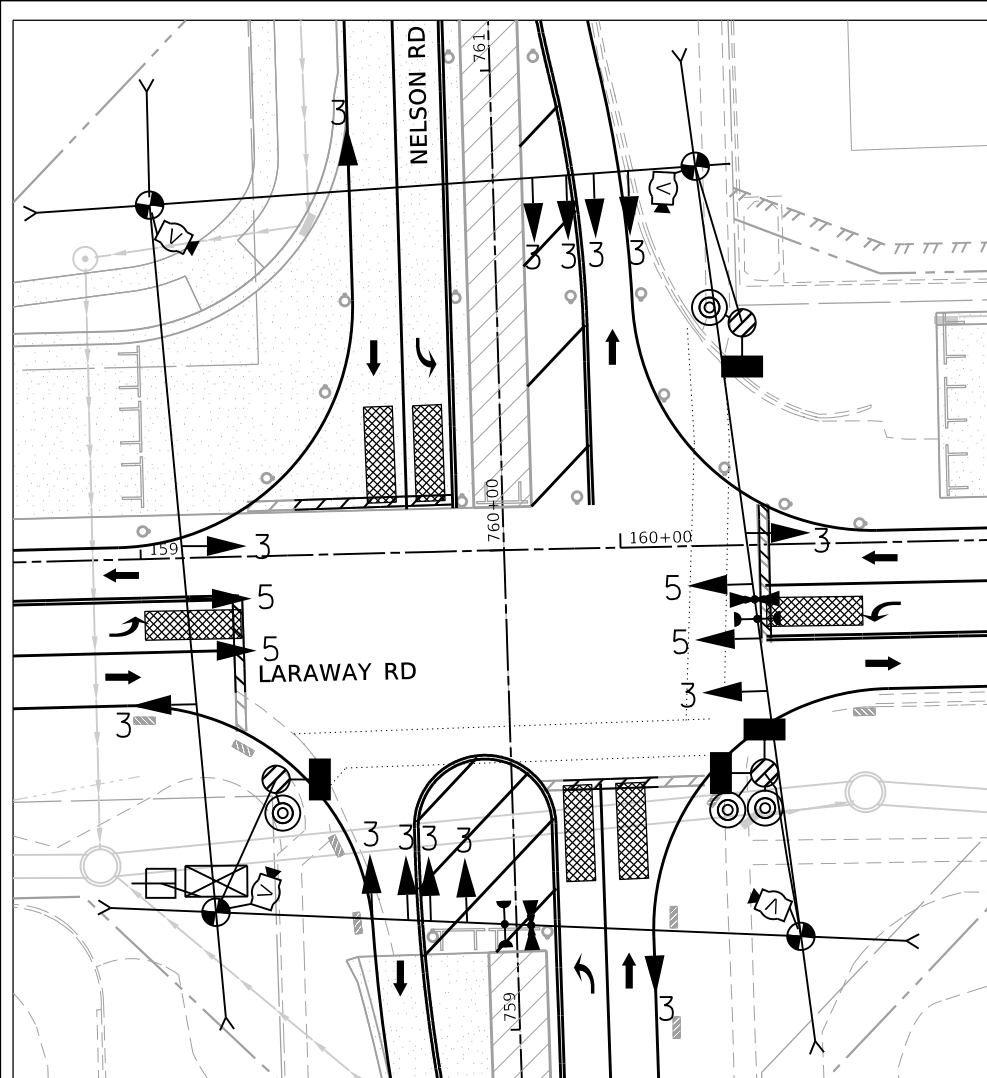
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USER NAME = Mike Moser  
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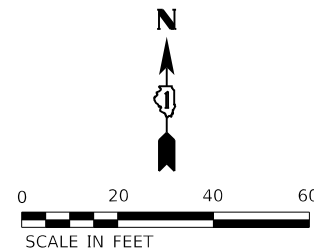
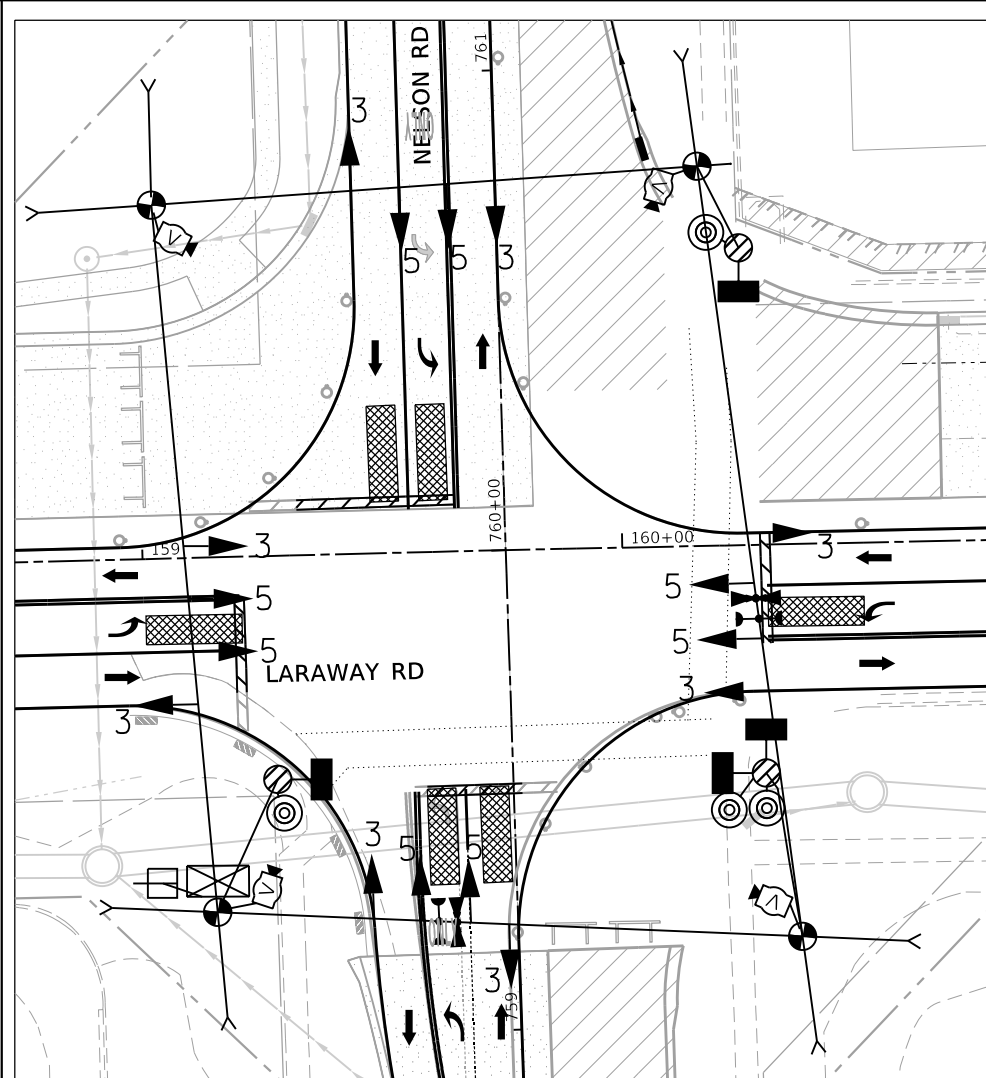
**STAGE 1A TEMPORARY TRAFFIC SIGNAL NOTES**

- CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE PRE-STAGE CONFIGURATION TO THE STAGE 1A CONFIGURATION SHOWN. THROUGH LANE DETECTION ZONES FOR LARAWAY ROAD EASTBOUND AND WESTBOUND APPROACHES SHALL BE ADJUSTED TO THE CENTER OF THE LANE LOCATION OF THE CURRENT STAGE AT THE SAME STATIONS AS DEPICTED IN PRESTAGE.
- CROSSWALKS SHALL BE MAINTAINED IN THEIR EXISTING LOCATIONS CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD DURING THIS STAGE.
- CONTRACTOR SHALL ENSURE THE STABILITY OF THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT WHEN CONSTRUCTING THE PROPOSED STORM SEWER SYSTEM. SPECIAL ATTENTION IS CALLED TO THE DEEP 48" PIPE CROSSING THE SOUTH LEG OF NELSON ROAD THAT WILL BE CONSTRUCTED IN THIS STAGE.
- THE CROSSWALK ON THE SOUTH LEG OF THE INTERSECTION WILL BE CLOSED DURING THE OPEN TRENCHED CONSTRUCTION OF THE 48" STORM SEWER PIPE. "SIDEWALK CLOSED" (R9-9) SIGNS AND DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES SHALL BE USED TO BLOCK SIDEWALK USAGE ON BOTH THE EAST AND WEST SIDES OF THE INTERSECTION. THE EASTBOUND AND WESTBOUND TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE COVERED WHILE SIDEWALK/CROSSWALK IS CLOSED. FURNISHING AND PLACING THE SIDEWALK CLOSED SIGNS AND BARRICADES ARE INCLUDED IN THE CONTRACT UNIT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND COVERING OF PEDESTRIAN HEADS IS INCLUDED IN THE CONTRACT UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.



**STAGE 1B TEMPORARY TRAFFIC SIGNAL NOTES**

- CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 1A CONFIGURATION TO THE STAGE 1B CONFIGURATION SHOWN.
- CROSSWALKS SHALL BE MAINTAINED IN THEIR EXISTING LOCATIONS CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD DURING THIS STAGE.
- NORTHBOUND AND SOUTHBOUND LEFT TURNING MOVEMENTS SHALL BE PROTECTED ONLY THIS STAGE WITH SPLIT PHASING.



**STAGE 1C TEMPORARY TRAFFIC SIGNAL NOTES**

- CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 1B CONFIGURATION TO THE STAGE 1C CONFIGURATION SHOWN.
- CROSSWALKS SHALL BE MAINTAINED IN THEIR EXISTING LOCATIONS CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD FOR THE MAJORITY OF THIS STAGE. WORK THAT INTERFERES WITH THE EAST LEG CROSSWALK WILL BE DEFERRED UNTIL OTHER STAGE WORK IS COMPLETE, AT WHICH TIME THE SIDEWALK WILL BE CLOSED AND WORK ON THE PROPOSED NORTHEAST CURB RADIUS AND PROPOSED PAVEMENT WILL BE EXPEDITED. "SIDEWALK CLOSED" (R9-9) SIGNS AND DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES SHALL BE USED TO BLOCK SIDEWALK USAGE ON BOTH THE NORTH AND SOUTH SIDES OF THE INTERSECTION. THE NORTHBOUND AND SOUTHBOUND TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE COVERED WHILE SIDEWALK/CROSSWALK IS CLOSED. FURNISHING AND PLACING THE SIDEWALK CLOSED SIGNS AND BARRICADES ARE INCLUDED IN THE CONTRACT UNIT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND COVERING OF PEDESTRIAN HEADS IS INCLUDED IN THE CONTRACT UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.



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PLOT DATE =	9/9/2022 - 12:32:14 PM	DATE -	09/09/2022	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN  
 LARAWAY RD AT NELSON ROAD - STAGE 1A, 1B, & 1C**

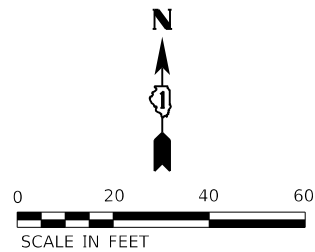
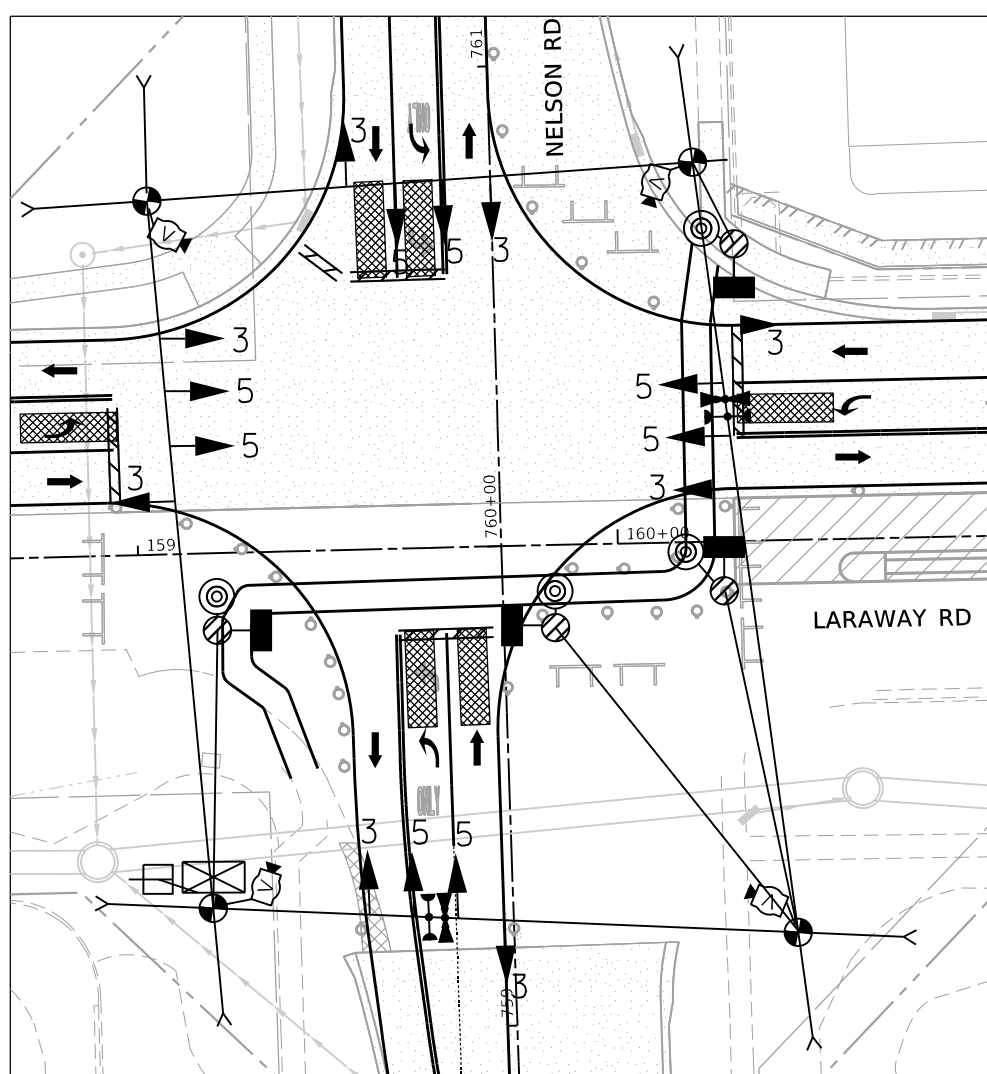
SCALE: 1"=20' SHEET 10 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	295
CONTRACT NO. 61H20				
		ILLINOIS	FED. AID PROJECT	

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PENTABLE = Laraway\_Staging\_Signals.dwg

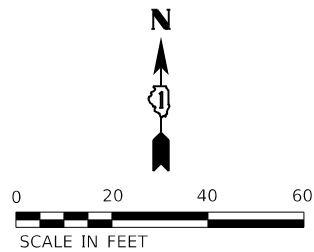
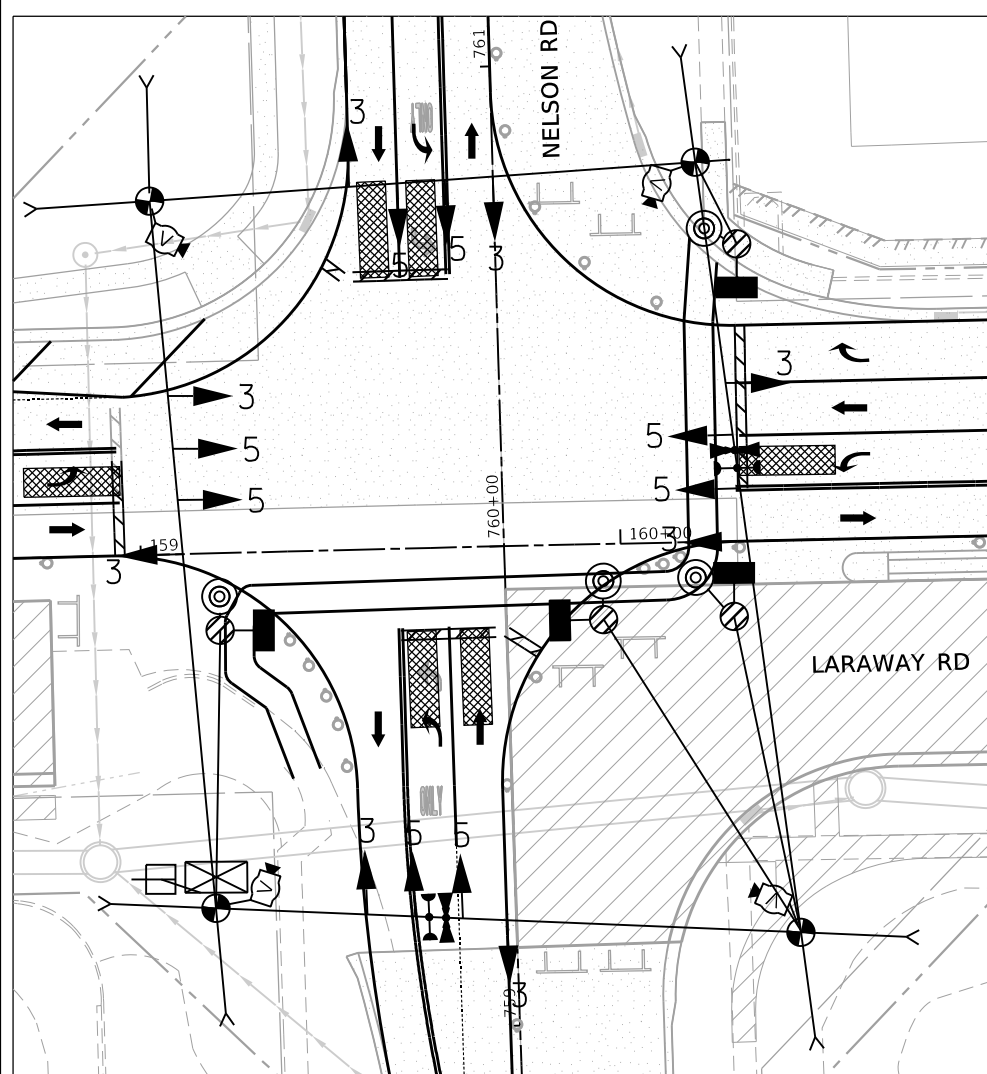
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USER NAME = Mike Moses  
DIRECTORY = L:\MILL\CO117204-01\Drawn\CADD\_Sheets\



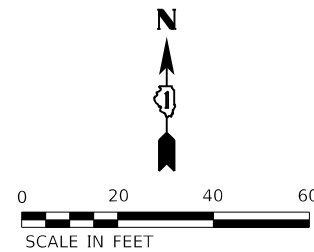
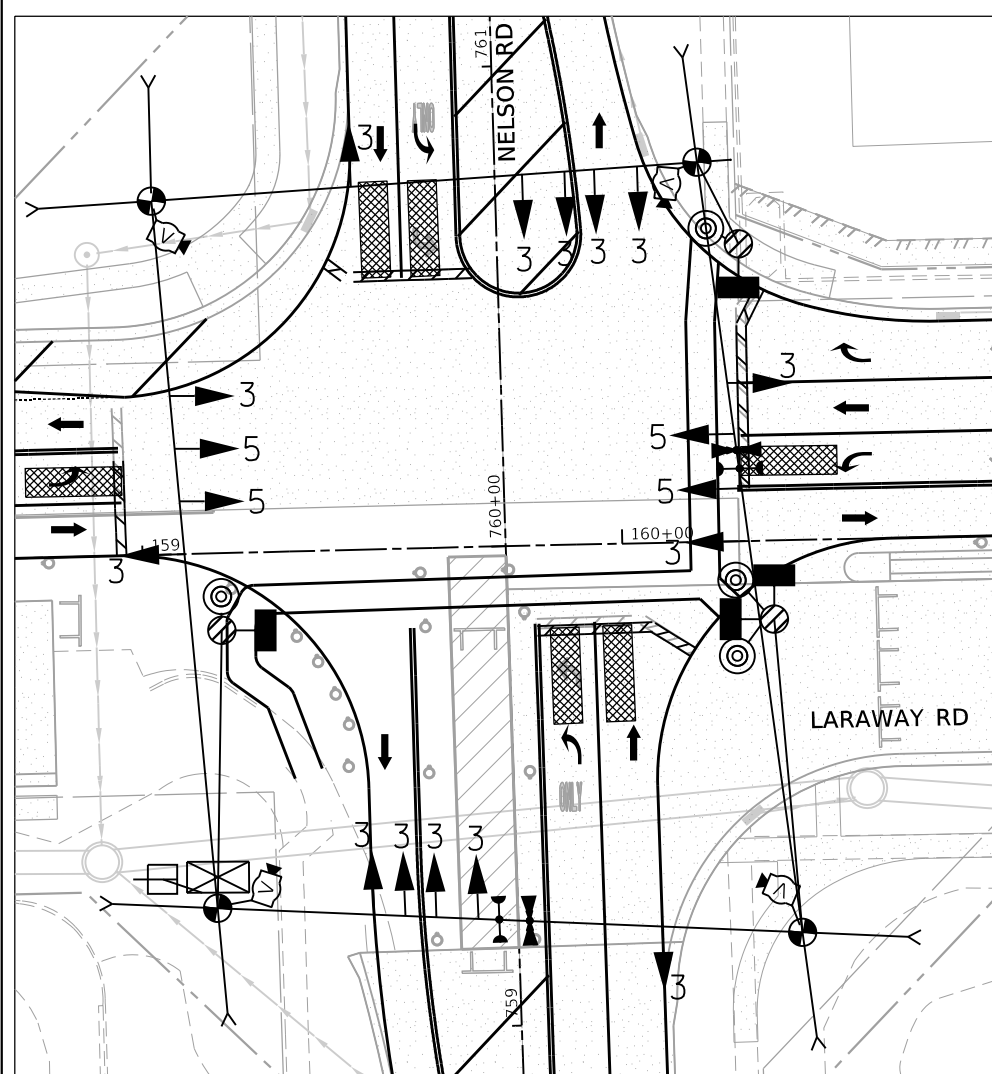
**STAGE 2A TEMPORARY TRAFFIC SIGNAL NOTES**

1. CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 1C CONFIGURATION TO THE STAGE 2A CONFIGURATION SHOWN. THROUGH LANE DETECTION ZONES FOR LARAWAY ROAD EASTBOUND AND WESTBOUND APPROACHES SHALL BE ADJUSTED TO THE CENTER OF THE LANE LOCATION OF THE CURRENT STAGE AT THE SAME STATIONS AS DEPICTED IN PRESTAGE.
2. TEMPORARY CROSSWALK STRIPING (6" WHITE) SHALL BE ADDED AS SHOWN CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD DURING THIS STAGE. STRIPES CROSSING NELSON ROAD SHALL BE AT STATIONS 759+87.60 AND 759+93.60 FROM OUTSIDE LANE EDGE STRIPE TO OUTSIDE LANE EDGE STRIPE. STRIPES CROSSING LARAWAY ROAD SHALL BE AT STATIONS 160+14.22 AND 160+20.22 FROM OUTSIDE LANE EDGE STRIPE TO OUTSIDE LANE EDGE STRIPE. OUTSIDE OF THE TRAFFIC LANES, CONTRACTOR SHALL ADD DETECTABLE EDGING THAT GENERALLY FOLLOWS THE PATH SHOWN TO GUIDE PEDESTRIANS TO THE CURB RAMP WHILE PROVIDING A 6' PROTECTED CLEAR PATH. INSTALLATION AND MAINTENANCE OF DETECTABLE EDGING WHERE APPLICABLE IS INCLUDED IN THE CONTRACT UNIT COST FOR TEMPORARY TRAFFIC CONTROL (SPECIAL).



**STAGE 2B TEMPORARY TRAFFIC SIGNAL NOTES**

1. CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 2A CONFIGURATION TO THE STAGE 2B CONFIGURATION SHOWN. THROUGH LANE DETECTION ZONES FOR LARAWAY ROAD EASTBOUND AND WESTBOUND APPROACHES SHALL BE ADJUSTED TO THE CENTER OF THE LANE LOCATION OF THE CURRENT STAGE AT THE SAME STATIONS AS DEPICTED IN PRESTAGE.
2. CROSSWALKS SHALL BE MAINTAINED IN THE SAME LOCATION AS STAGE 2A.



**STAGE 2C TEMPORARY TRAFFIC SIGNAL NOTES**

1. CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 2B CONFIGURATION TO THE STAGE 2C CONFIGURATION SHOWN.
2. CROSSWALKS SHALL BE MAINTAINED IN THE SAME LOCATION AS STAGE 2B; HOWEVER, SOUTHEAST QUADRANT OF THE INTERSECTION SHALL BE STRIPED WITH 6" WHITE STRIPES SPACED 6' APART AS SHOWN.
3. CONTRACTOR SHALL EXPEDITE THE CONSTRUCTION OF THE PROPOSED PAVEMENT IN THE SOUTH LEG OF THE INTERSECTION IN ONE SINGLE OFF-PEAK PERIOD DURING WHICH TIME THE CROSSWALK CROSSING NELSON ROAD WILL BE CLOSED. "SIDEWALK CLOSED" (R9-9) SIGNS AND DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES SHALL BE USED TO BLOCK SIDEWALK USAGE ON BOTH THE EAST AND WEST SIDES OF THE INTERSECTION. THE EASTBOUND AND WESTBOUND TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE COVERED WHILE SIDEWALK/CROSSWALK IS CLOSED. FURNISHING AND PLACING THE SIDEWALK CLOSED SIGNS AND BARRICADES ARE INCLUDED IN THE CONTRACT UNIT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND COVERING OF PEDESTRIAN HEADS IS INCLUDED IN THE CONTRACT UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
4. NORTHBOUND AND SOUTHBOUND LEFT TURNING MOVEMENTS SHALL BE PROTECTED ONLY THIS STAGE WITH SPLIT PHASING.



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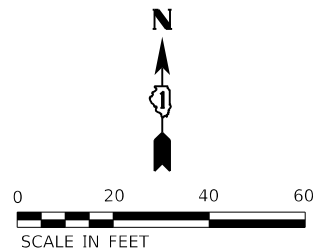
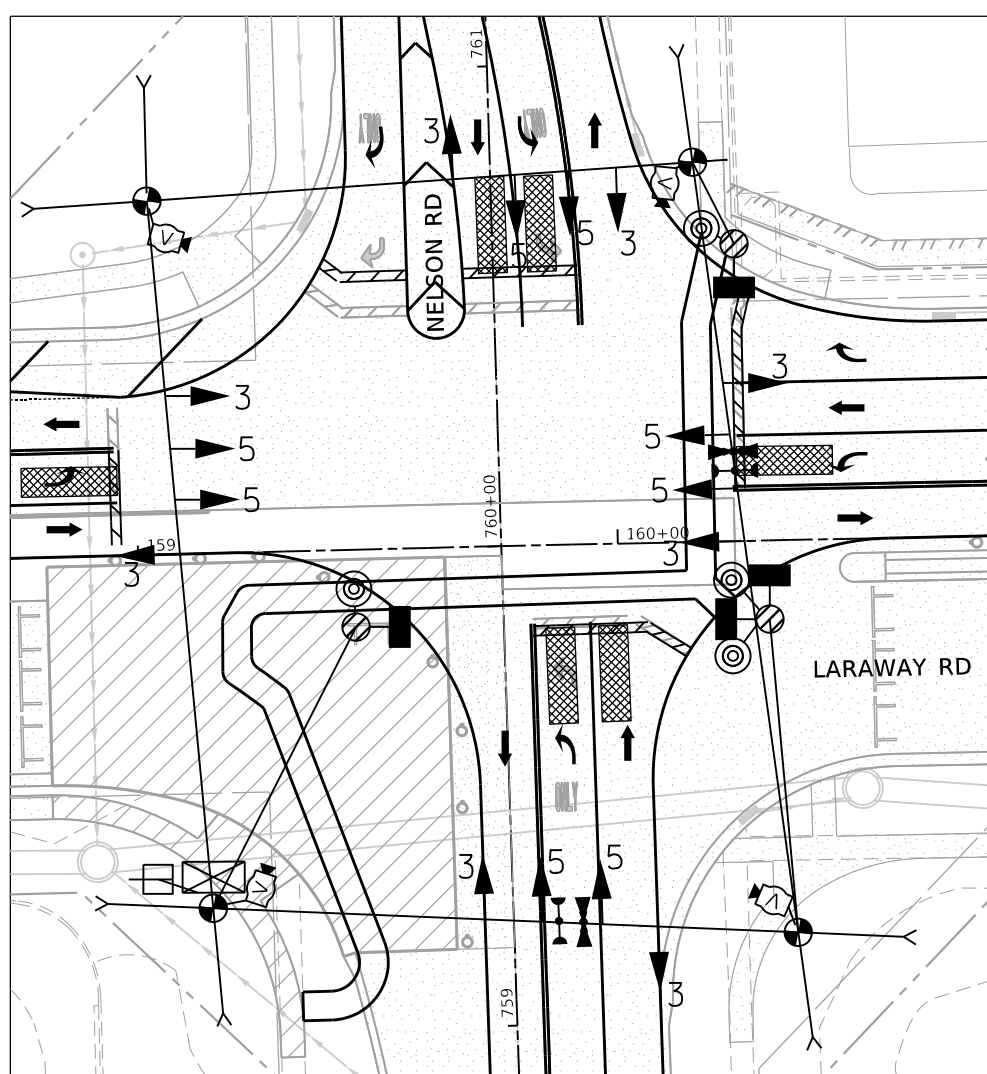
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN  
LARAWAY RD AT NELSON ROAD - STAGE 2A, 2B, & 2C

SCALE: 1"=20' SHEET 11 OF 19 SHEETS STA. TO STA.

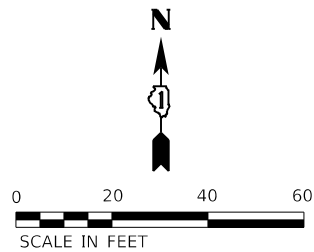
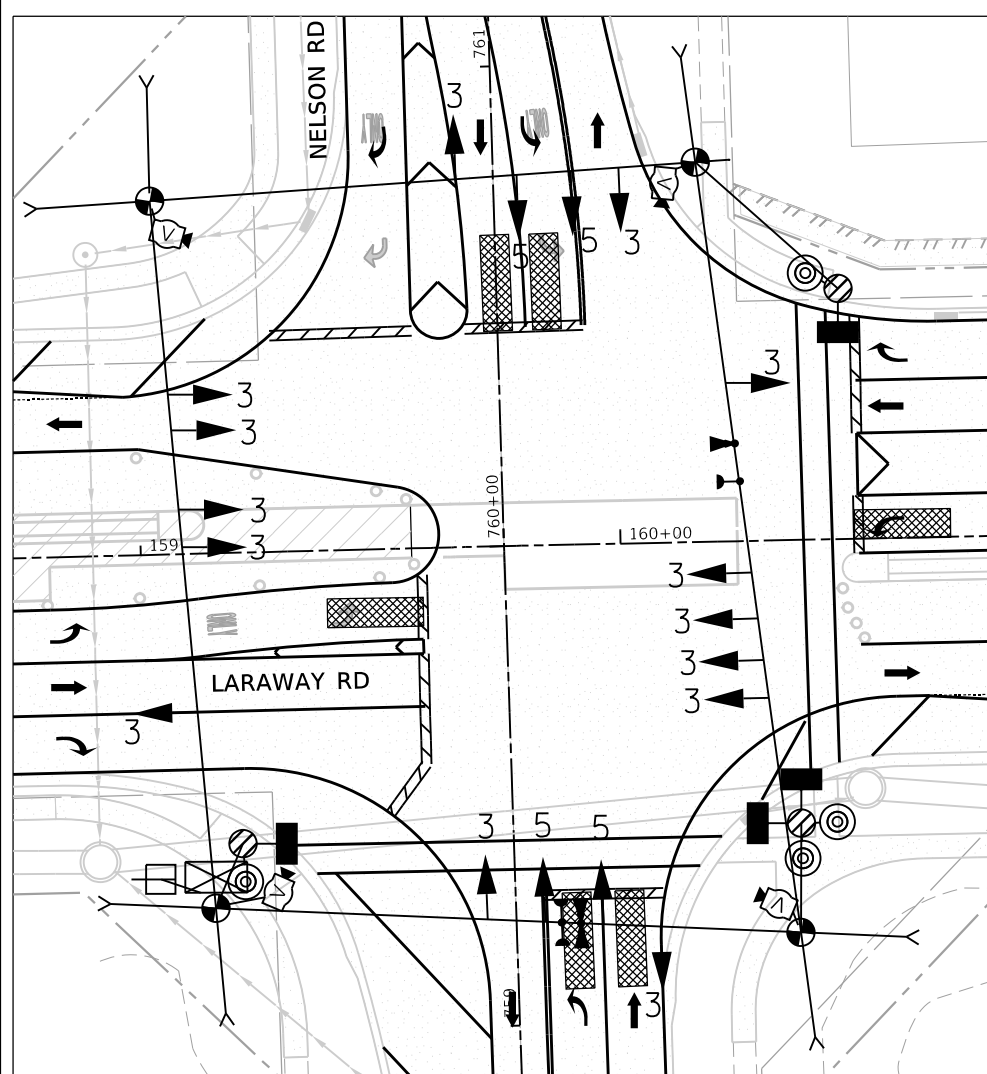
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	296
CONTRACT NO. 61H20				
ILLINOIS		FED. AID PROJECT		





**STAGE 2D TEMPORARY TRAFFIC SIGNAL NOTES**

1. CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 2C CONFIGURATION TO THE STAGE 2D CONFIGURATION SHOWN.
2. CROSSWALKS SHALL BE MAINTAINED IN STAGE 2C LOCATIONS CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD FOR THE MAJORITY OF THIS STAGE. IN THE SOUTHWEST QUADRANT, WHERE PEDESTRIANS PASS THROUGH THE UPCOMING STAGE 2D WORK ZONE, PEDESTRIANS WILL BE DIRECTED FURTHER SOUTH BY WAY OF A 6' WIDE CLEAR PATH BOUND BY DETECTABLE EDGING. A TEMPORARY RAMP MEETING ADA REQUIREMENTS SHALL BE INSTALLED TO ALLOW PEDESTRIANS TO TRAVERSE OVER THE PROPOSED CURB AND CONNECT TO THE EXISTING SIDEWALK. ONCE PEDESTRIANS ARE REDIRECTED, CONSTRUCTION OF THE PROPOSED SOUTHWEST CURB RADIUS CAN BE COMPLETED. PROPOSED PAVEMENT THAT INTERFERES WITH THE PEDESTRIAN PATH WILL BE DEFERRED UNTIL OTHER STAGE WORK IS COMPLETE, AT WHICH TIME THE SIDEWALK WILL BE CLOSED AND THE PROPOSED PAVEMENT WILL BE CONSTRUCTED IN ONE SINGLE OFF-PEAK PERIOD. "SIDEWALK CLOSED" (R9-9) SIGNS AND DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES SHALL BE USED TO BLOCK SIDEWALK USAGE ON BOTH THE EAST AND WEST SIDES OF THE INTERSECTION. THE EASTBOUND TEMPORARY PEDESTRIAN SIGNAL HEAD SHALL BE COVERED, AND THE WESTBOUND TEMPORARY PEDESTRIAN SIGNAL HEAD AND BASE SHALL BE RELOCATED OUT OF THE WORK ZONE AND COVERED WHILE SIDEWALK/CROSSWALK IS CLOSED. FURNISHING AND PLACING THE SIDEWALK CLOSED SIGNS AND BARRICADES AND PROVIDING THE TEMPORARY RAMP OVER THE CURB IS INCLUDED IN THE CONTRACT UNIT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND COVERING OF AND RELOCATION OF PEDESTRIAN HEADS AND BASES IS INCLUDED IN THE CONTRACT UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.



**STAGE 3 TEMPORARY TRAFFIC SIGNAL NOTES**

1. CONTRACTOR SHALL ADJUST TEMPORARY TRAFFIC SIGNAL EQUIPMENT AND DETECTION ZONES FROM THE STAGE 2D CONFIGURATION TO THE STAGE 3 CONFIGURATION SHOWN. THROUGH LANE DETECTION ZONES FOR LARAWAY ROAD EASTBOUND AND WESTBOUND APPROACHES SHALL BE ADJUSTED TO THE CENTER OF THE LANE LOCATION OF THE CURRENT STAGE AT THE SAME STATIONS AS DEPICTED IN PRESTAGE.
2. TEMPORARY CROSSWALK STRIPING (6" WHITE) SHALL BE ADDED AS SHOWN CROSSING THE SOUTH LEG OF NELSON ROAD AND THE EAST LEG OF LARAWAY ROAD DURING THIS STAGE. STRIPES CROSSING NELSON ROAD SHALL BE AT STATIONS 759+33.11 AND 759+39.11 FROM EOP TO EOP. STRIPES CROSSING LARAWAY ROAD SHALL BE AT STATIONS 160+37.60 AND 160+43.60 FROM EOP TO EOP.
3. EASTBOUND AND WESTBOUND LEFT TURNING MOVEMENTS SHALL BE PROTECTED ONLY THIS STAGE.



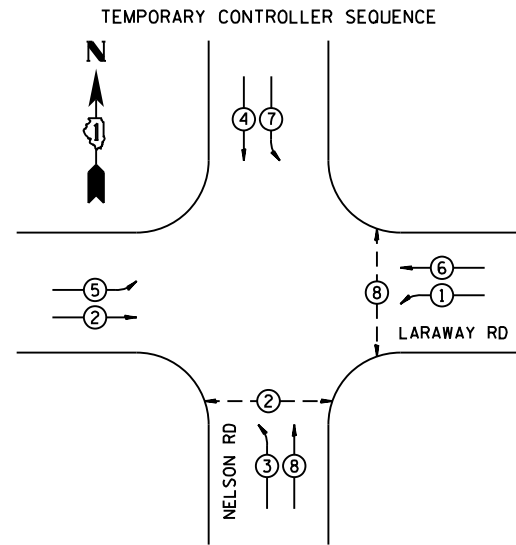
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN  
LARAWAY RD AT NELSON ROAD - STAGE 2D & 3**

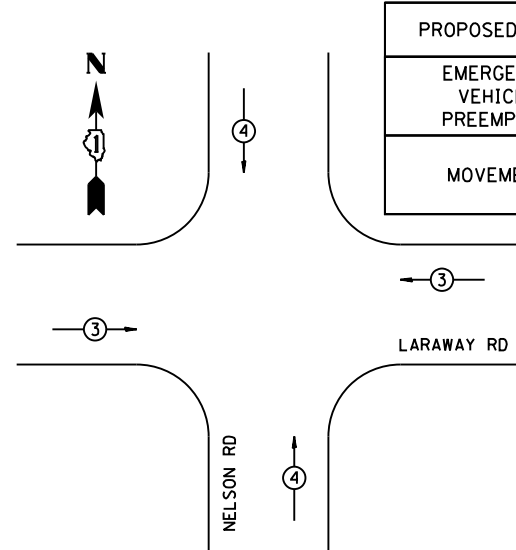
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	297
CONTRACT NO. 61H20				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- → DUAL ENTRY PHASE
  - → SINGLE ENTRY PHASE
  - ◇ OL → OVERLAP
  - → PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM



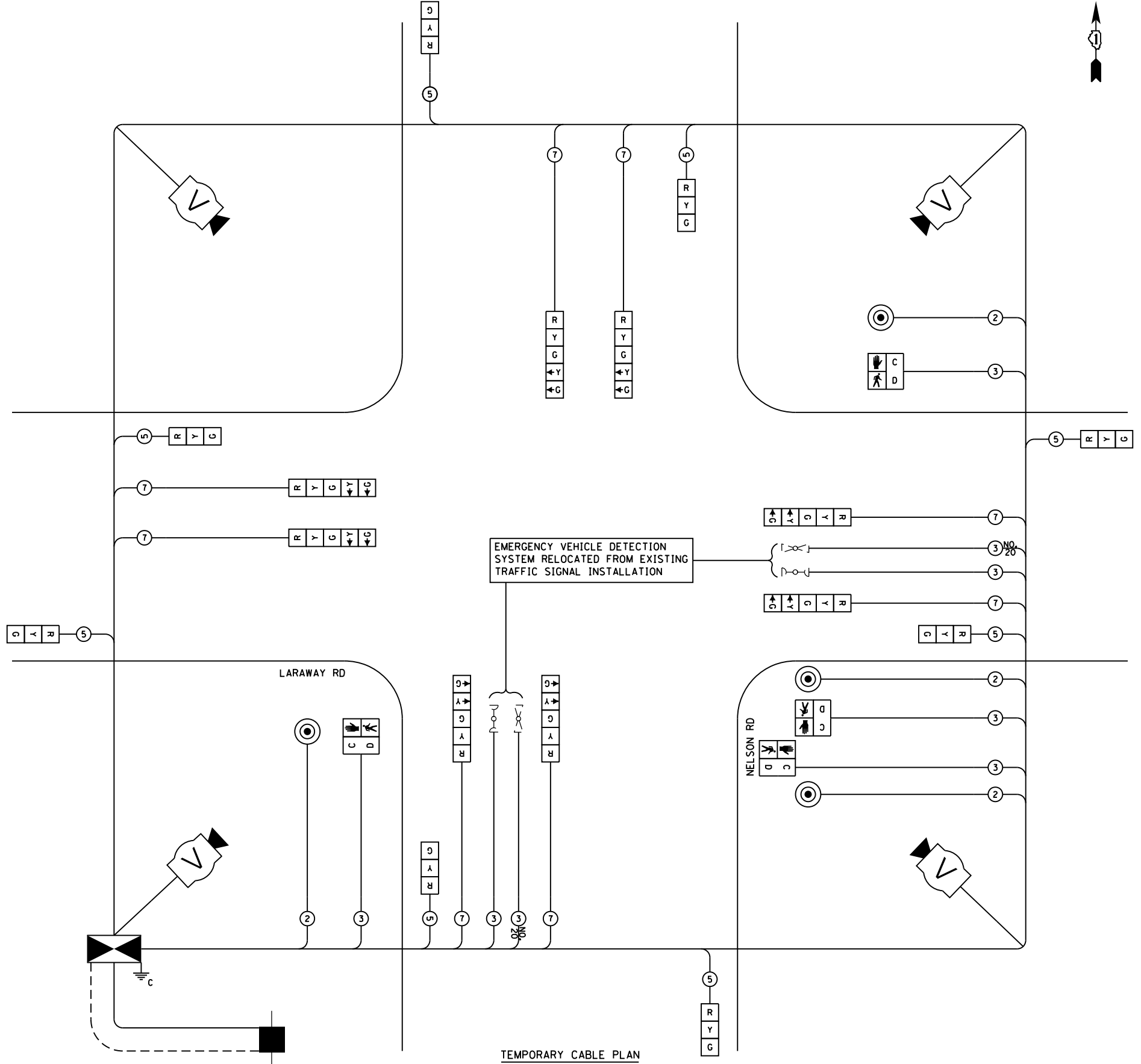
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

TEMPORARY EMERGENCY VEHICLE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	LED	% OPERATION	
SIGNAL (RED)	16	11		50	88.0
(YELLOW)	16	20		5	16.0
(GREEN)	16	12		45	86.4
ARROW	16	10		10	16.0
PED SIGNAL	4	20		100	80.0
CONTROLLER	1	100		100	100.0
VIDEO SYSTEM	1	150		100	150.0
UPS	1	25		100	25.0
TOTAL =					561.4

ENERGY COST TO: WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, IL 60433

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



TEMPORARY CABLE PLAN



FILE NAME = sht-staging-tempsignals-04.dgn  
MODEL NAME = Default  
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PLOT DATE = 9/9/2022 - 12:32:20 PM

DESIGNED - BRF  
DRAWN - BRF  
CHECKED - CMC  
DATE - 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN  
STAGES 1A, 1C, 2A, 2B & 2D  
LARAWAY RD AND NELSON RD INTERSECTION

SCALE: SHEET 13 OF 19 SHEETS STA. TO STA.

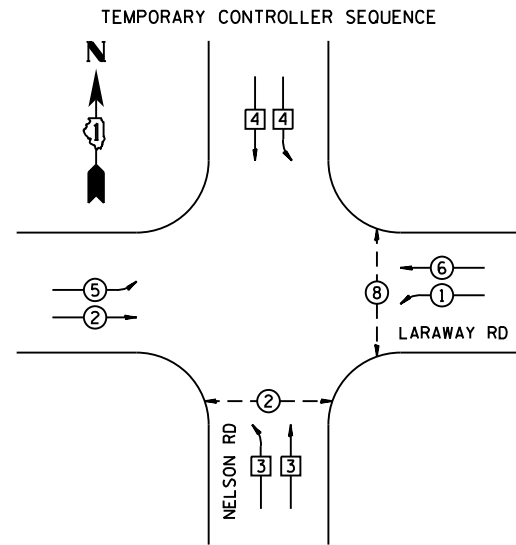
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0320	13-00138-37-PV	WILL	413	298
CONTRACT NO. 61H20				

ILLINOIS FED. AID PROJECT

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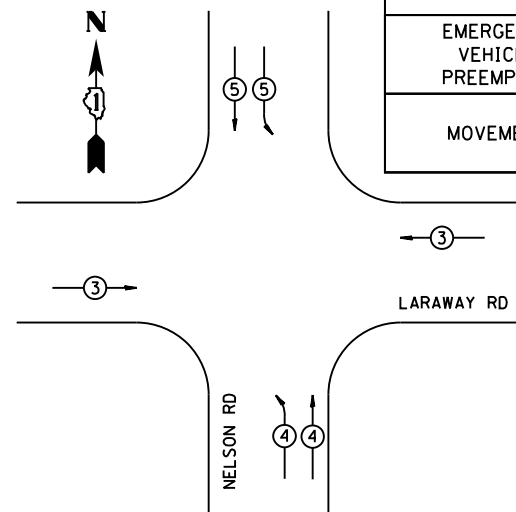
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DIRECTORY = L:\WILLCO\17204-01\Draw\CADD\_Sheets\...



- LEGEND:**
- DUAL ENTRY PHASE
  - SINGLE ENTRY PHASE
  - ◇ OL OVERLAP
  - PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE

SIGN (A)  
**LEFT ON GREEN ARROW ONLY**  
R10-5  
24" X 30"  
INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION

TEMPORARY PHASE DESIGNATION DIAGRAM

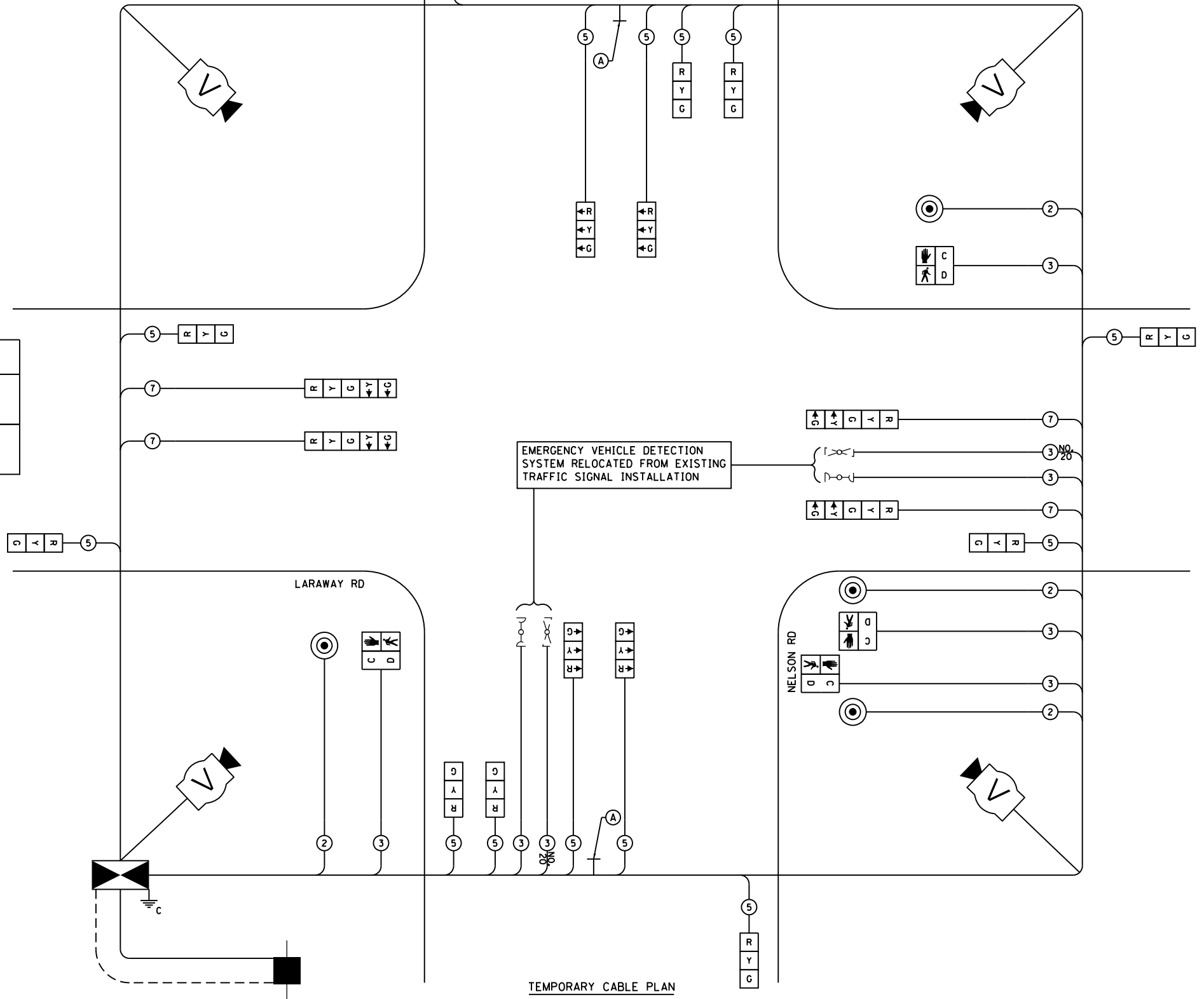


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←→	↑↓	↑↓

TEMPORARY EMERGENCY VEHICLE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	LED	% OPERATION	
SIGNAL (RED)	16	11		50	88.0
(YELLOW)	16	20		5	16.0
(GREEN)	16	12		45	86.4
ARROW	16	10		10	16.0
PED SIGNAL	4	20		100	80.0
CONTROLLER	1	100		100	100.0
VIDEO SYSTEM	1	150		100	150.0
LUPS	1	25		100	25.0
TOTAL =					561.4

ENERGY COST TO: WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, IL 60433  
ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS  
PHONE: 866-639-3532  
COMPANY: COMED



TEMPORARY CABLE PLAN



FILE NAME = sht-staging-tempsignals-04A.dgn  
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DRAWN - BRF  
CHECKED - CMC  
DATE - 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN  
STAGES 1B & 2C  
LARAWAY RD AND NELSON RD INTERSECTION

SCALE: SHEET 14 OF 19 SHEETS STA. TO STA.

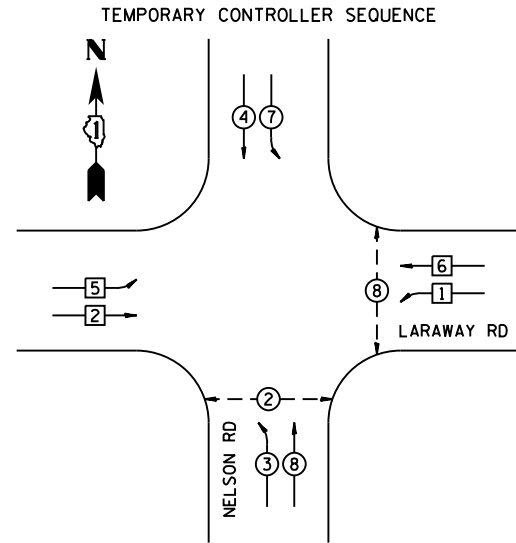
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CONTRACT NO. 61H20				

ILLINOIS FED. AID PROJECT

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PLOT SCALE = 40,000' / 1" = 9/9/2022 (12:32:21 PM)

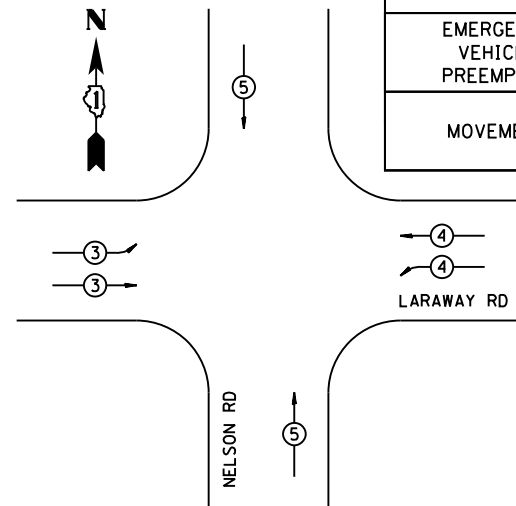
USER NAME = Mike Moos  
DIRECTORY = L:\WILL\CO17204-01\Draw\CADD\_Sheets\...



- LEGEND:**
- DUAL ENTRY PHASE
  - SINGLE ENTRY PHASE
  - ◇ OL OVERLAP
  - PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE

SIGN (A)  
**LEFT ON GREEN ARROW ONLY**  
R10-5  
24" X 30"  
INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION

TEMPORARY PHASE DESIGNATION DIAGRAM

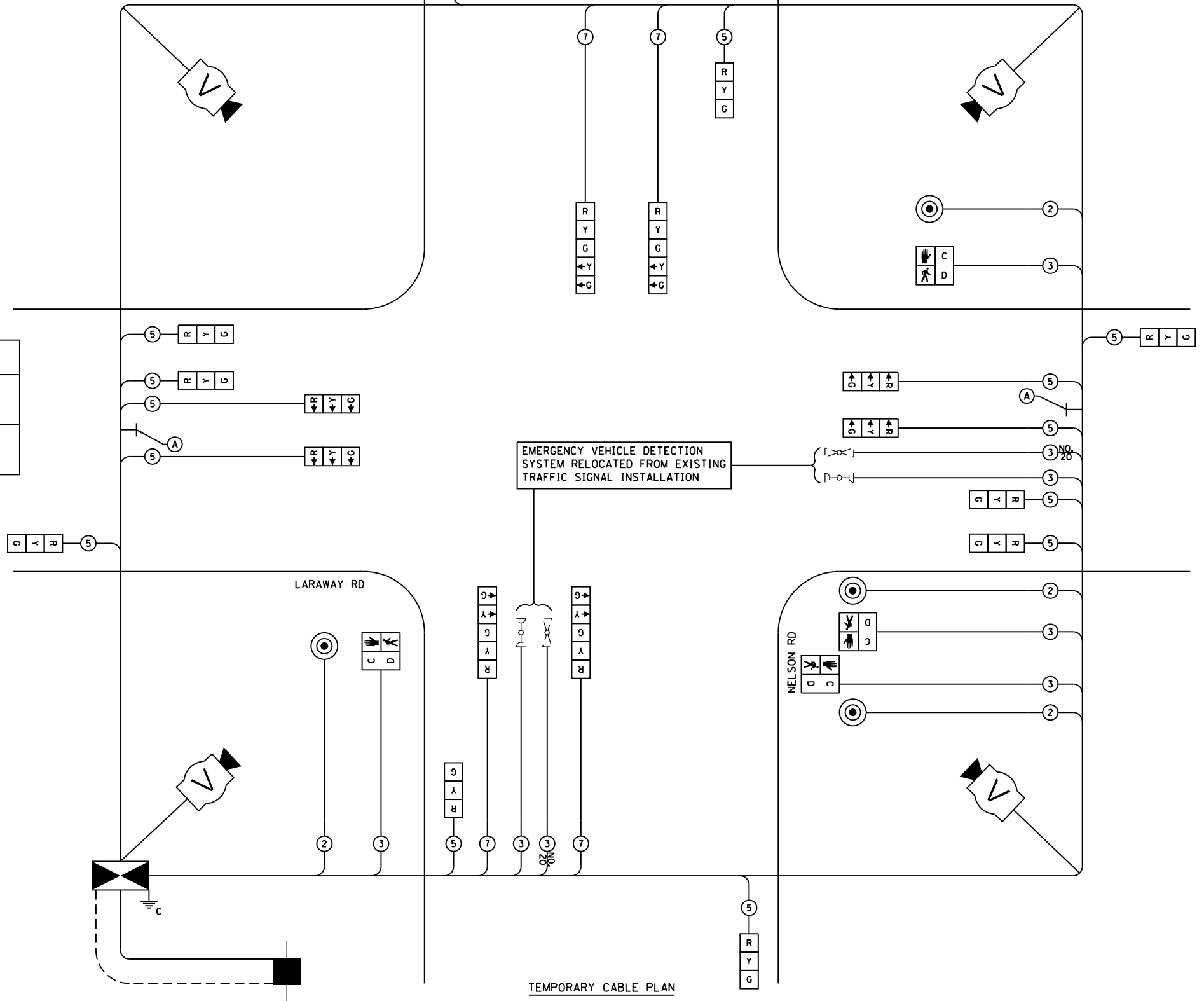


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→ →	→ →	↑ ↓

TEMPORARY EMERGENCY VEHICLE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	LED	% OPERATION	
SIGNAL (RED)	16		11	50	88.0
(YELLOW)	16		20	5	16.0
(GREEN)	16		12	45	86.4
ARROW	16		10	10	16.0
PED SIGNAL	4		20	100	80.0
CONTROLLER	1		100	100	100.0
VIDEO SYSTEM	1	150		100	150.0
UPS	1		25	100	25.0
TOTAL =					561.4

ENERGY COST TO: WILL COUNTY DIVISION OF TRANSPORTATION  
16841 W. LARAWAY ROAD  
JOLIET, IL 60433  
ENERGY SUPPLY: CONTACT: COMED NEW BUSINESS  
PHONE: 866-639-3532  
COMPANY: COMED



TEMPORARY CABLE PLAN



FILE NAME = sht-stagng-tempsignals-04B.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,000' / 1"  
PLOT DATE = 9/9/2022 - 12:32:21 PM

DESIGNED - BRF  
DRAWN - BRF  
CHECKED - CMC  
DATE - 09/09/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN  
STAGE 3  
LARAWAY RD AND NELSON RD INTERSECTION

SCALE: SHEET 15 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0320	13-00138-37-PV	WILL	413	300
CONTRACT NO. 61H20				

ILLINOIS FED. AID PROJECT