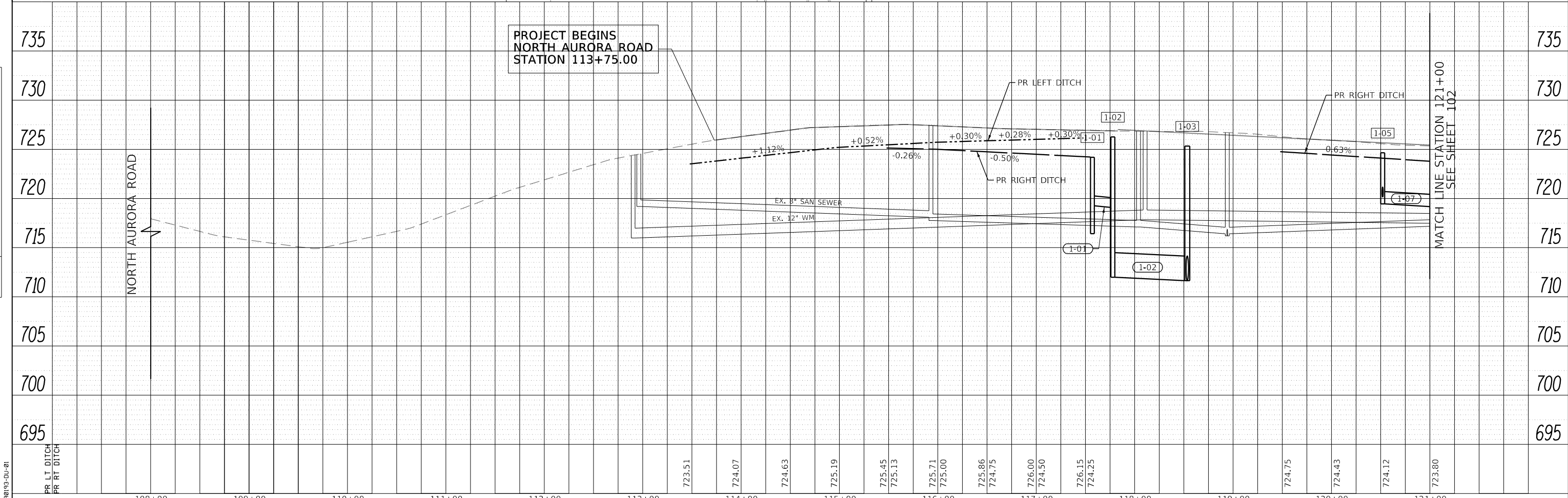
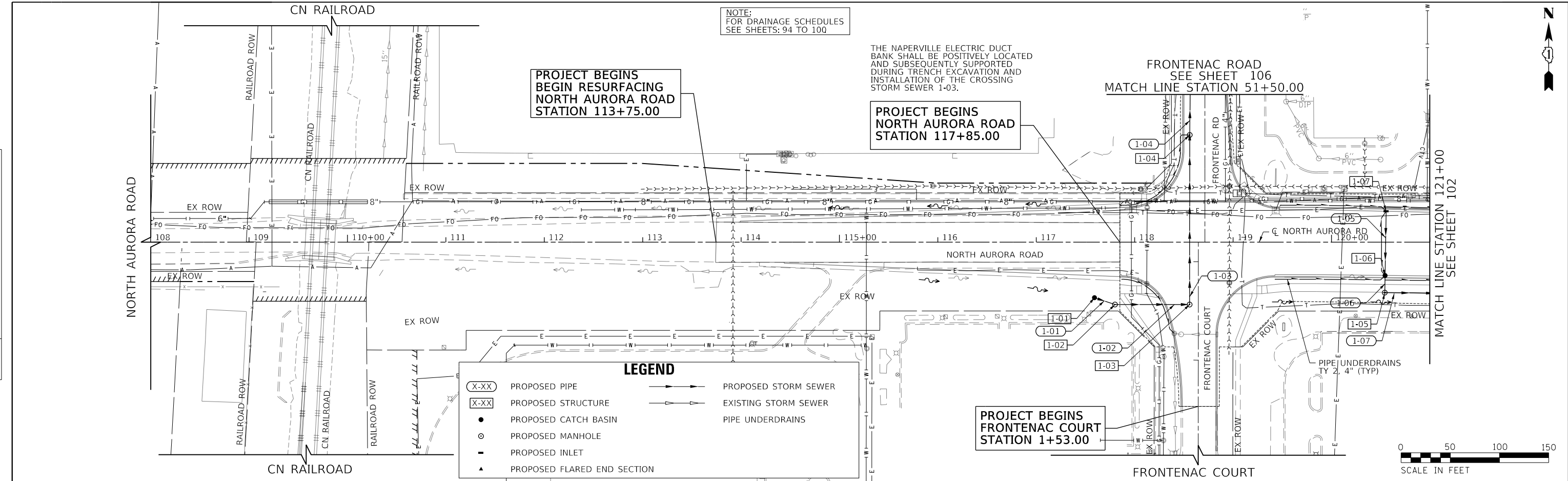


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

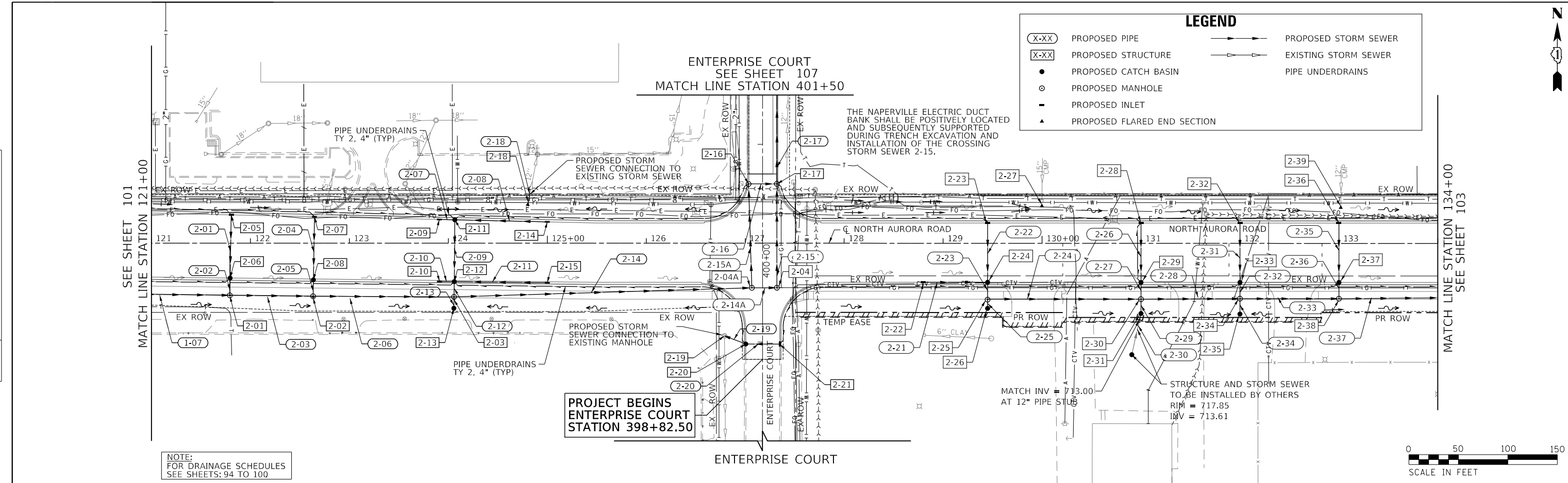


FILE NAME = 090193-01-01

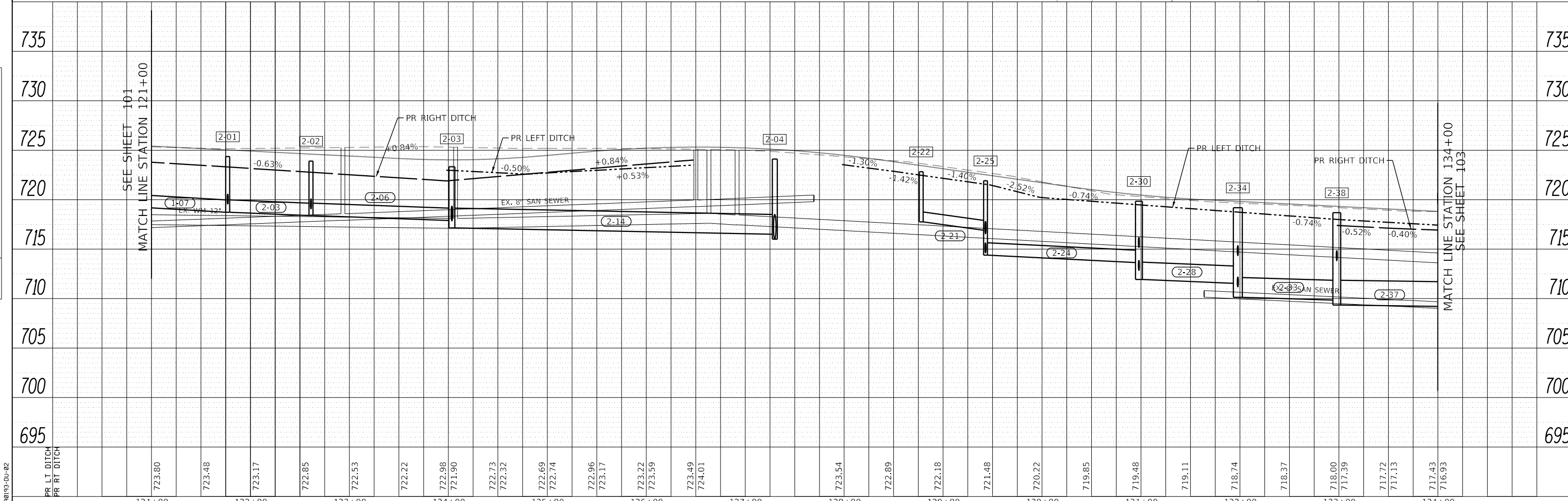
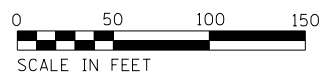
	USER NAME = brvanderwal	DESIGNED - AMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE DRAINAGE AND UTILITY		F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -		SCALE: 1"=50'	SHEET 8 OF 17 SHEETS	STA. 108+00.00 TO STA. 121+00.00	1509	08-00140-00-PV	DUPAGE	332
	PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -				CONTRACT NO. 61G19		ILLINOIS FED. AID PROJECT		

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

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



NOTE:
FOR DRAINAGE SCHEDULES
SEE SHEETS: 94 TO 100



PR LT DITCH	723.80
PR RT DITCH	723.48
	723.17
	722.85
	722.53
	722.22
	722.98
	721.90
	722.73
	722.32
	722.69
	722.74
	722.96
	723.17
	723.22
	723.59
	723.49
	724.01
	723.54
	722.89
	722.18
	721.48
	720.22
	719.85
	719.48
	719.11
	718.74
	718.37
	718.00
	717.39
	717.72
	717.13
	717.43
	716.93

121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00
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USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE DRAINAGE AND UTILITY	
SCALE: 1"=50'	SHEET 9 OF 17 SHEETS
STA. 121+00.00 TO STA. 134+00.00	

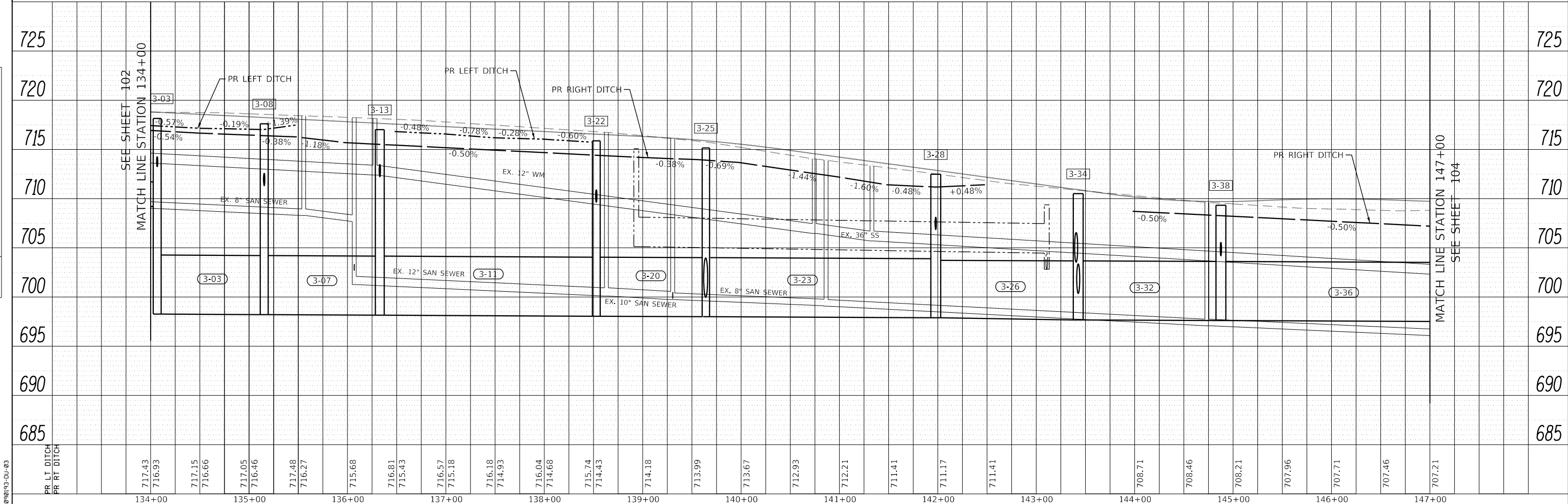
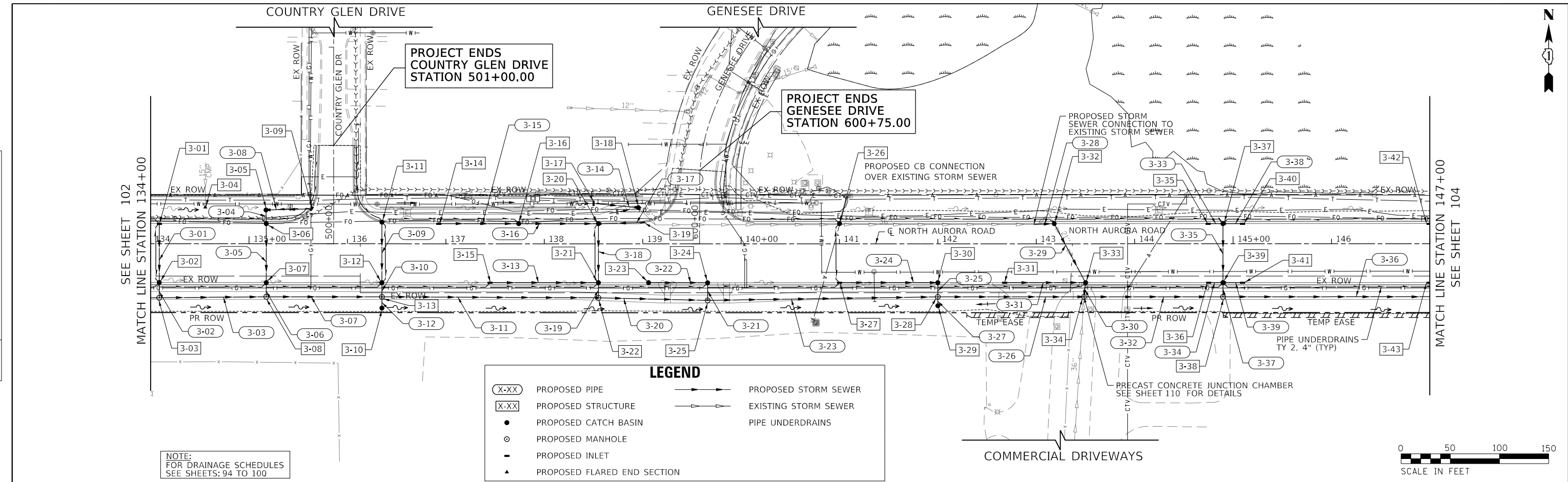
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	102
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

FILE NAME = 090193-00-02



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

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



FILE NAME = 090193-01-03



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

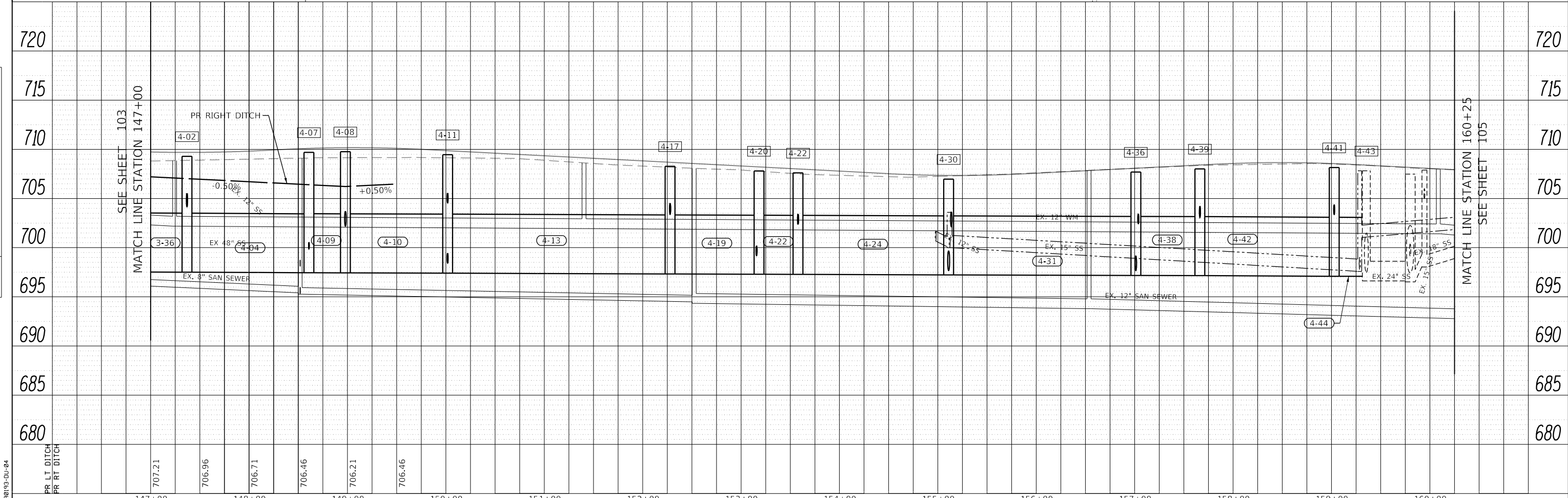
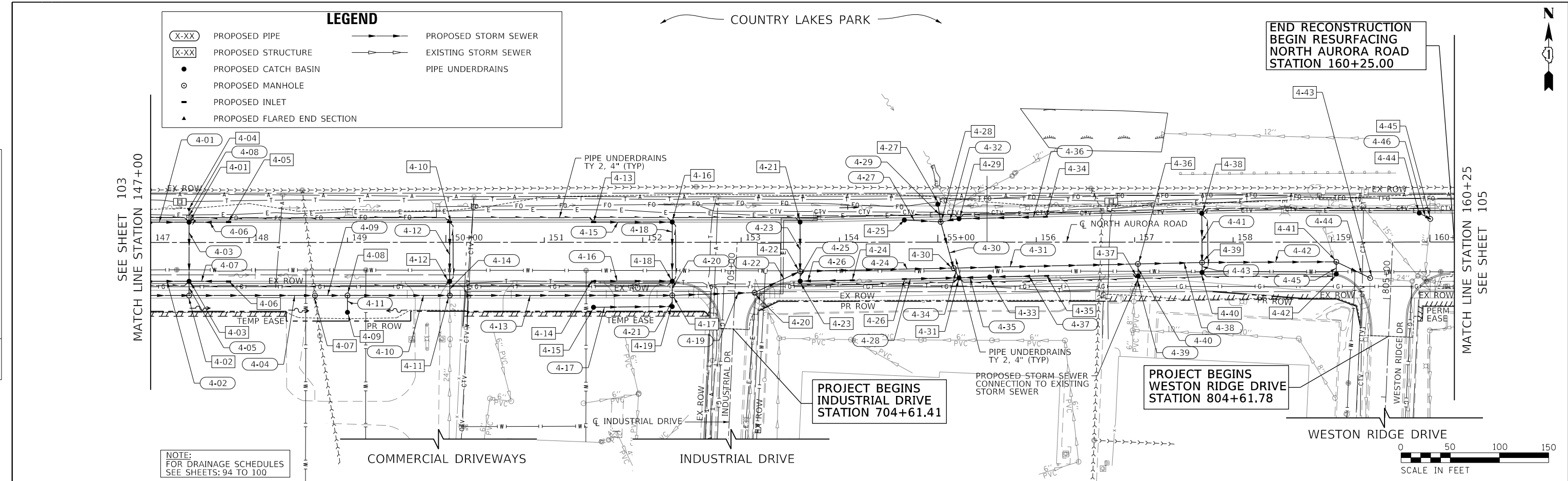
**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
DRAINAGE AND UTILITY**

SCALE: 1"=50' SHEET 10 OF 17 SHEETS STA. 134+00.00 TO STA. 147+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	103
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



FILE NAME = 090193-01-04

USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
DRAWN - BMS	REVISOR -	
CHECKED - BVW	REVISOR -	
DATE - 11/3/2020	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
DRAINAGE AND UTILITY**

SCALE: 1"=50' SHEET 11 OF 17 SHEETS STA. 147+00.00 TO STA. 160+25.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DUPAGE	332	104
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

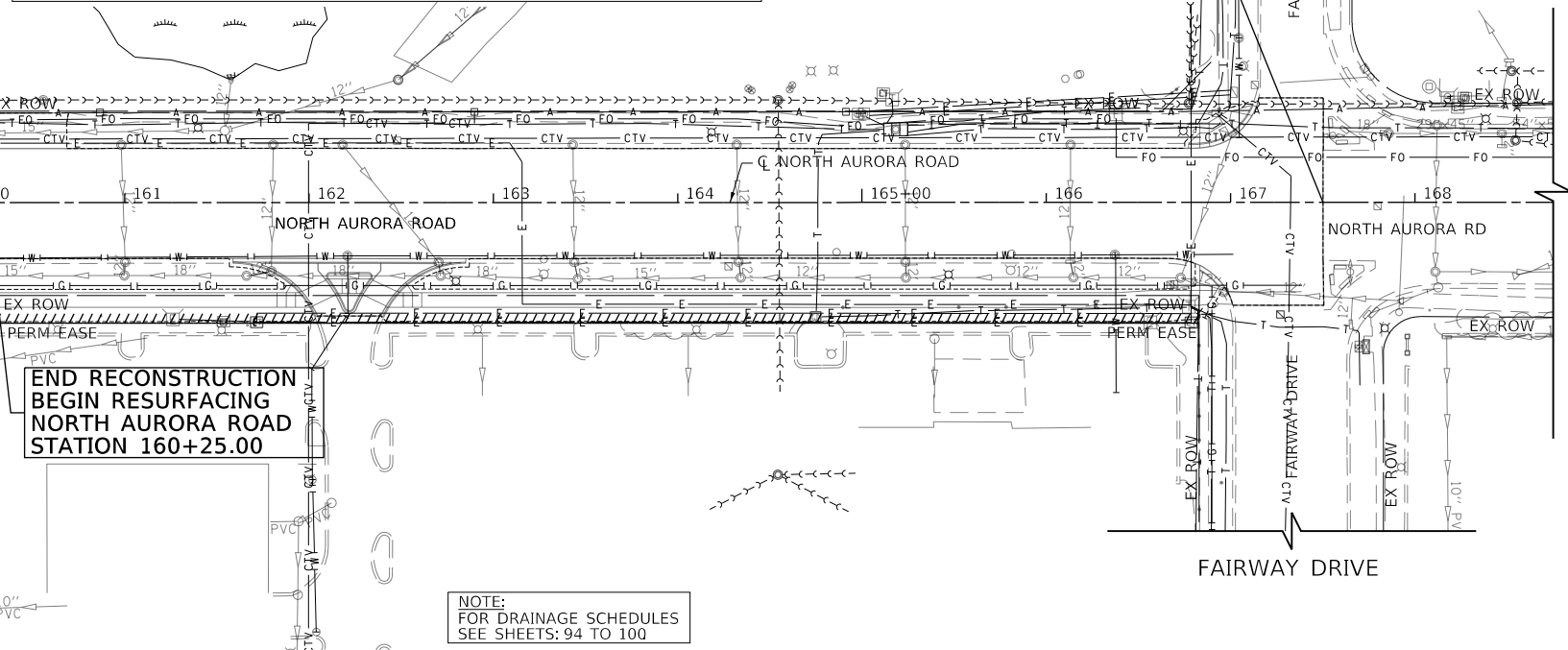
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIS		
	CHFD		
	NO.		

FILE NAME = 090193-00-05

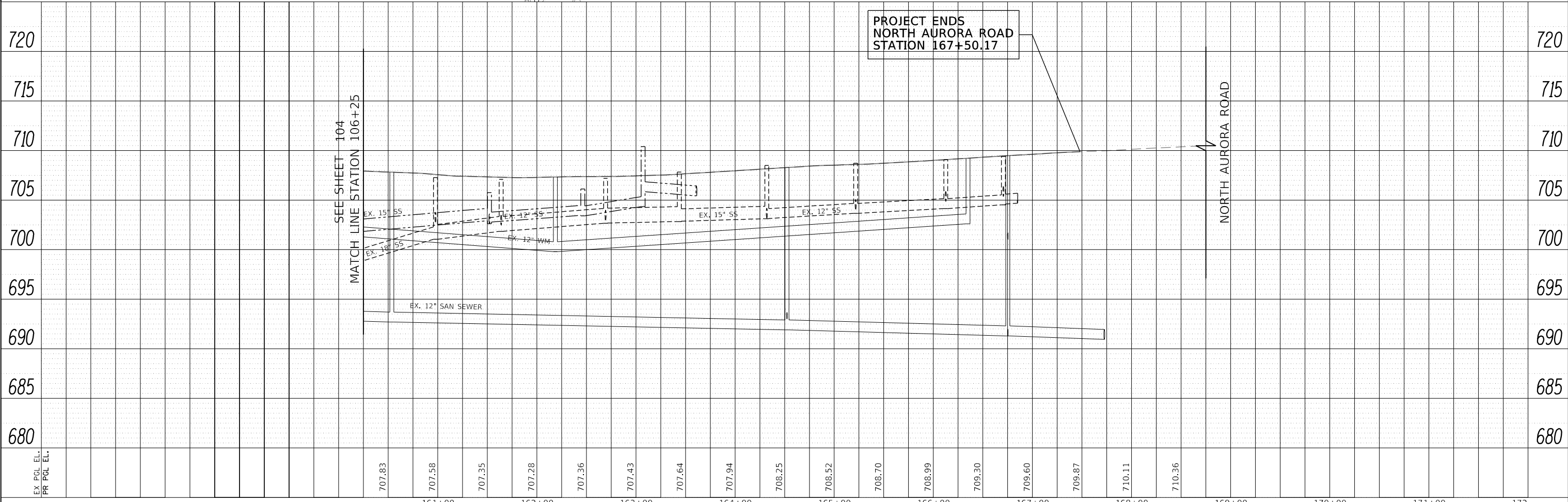
LEGEND

- (X-XX) PROPOSED PIPE
- (X-XX) PROPOSED STRUCTURE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED INLET
- ▲ PROPOSED FLARED END SECTION
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PIPE UNDERDRAINS

SEE SHEET 104
MATCH LINE STATION 160+25



NOTE:
FOR DRAINAGE SCHEDULES
SEE SHEETS: 94 TO 100



PROJECT ENDS
NORTH AURORA ROAD
STATION 167+50.17

SEE SHEET 104
MATCH LINE STATION 106+25

USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50' SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

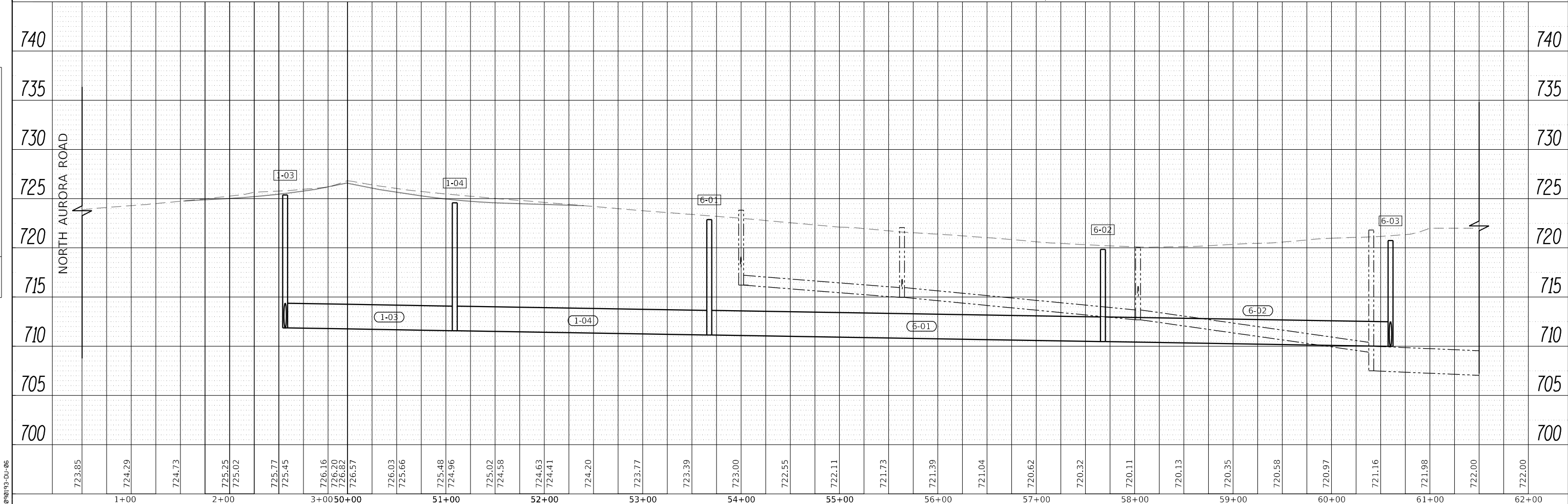
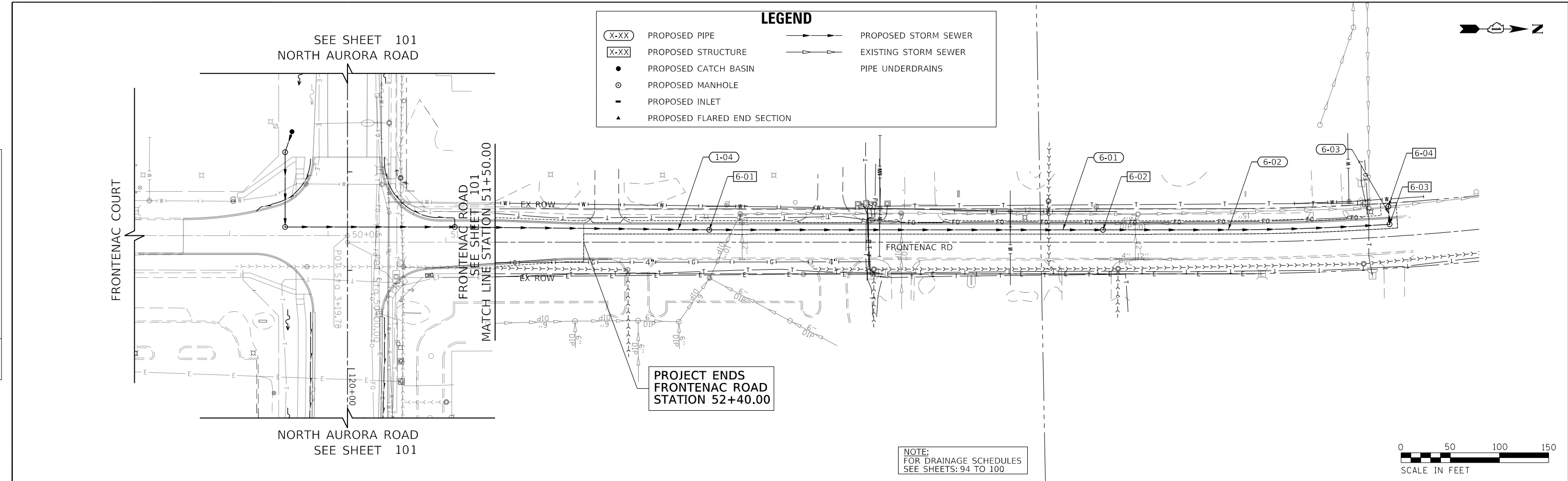
NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE DRAINAGE AND UTILITY	
SCALE: 1"=50'	SHEET 12 OF 17 SHEETS
STA. 160+25.00 TO STA. 167+50.17	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DUPAGE	332	105
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	



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

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



FILE NAME = 098193-01-06

723.85	724.29	724.73	725.25	725.02	725.77	725.45	726.16	726.30	726.32	726.57	726.03	725.66	725.48	724.96	725.02	724.58	724.63	724.41	724.20	723.77	723.39	723.00	722.55	722.11	721.73	721.39	721.04	720.62	720.32	720.11	720.13	720.35	720.58	720.97	721.16	721.98	722.00	722.00
1+00	2+00	3+00	50+00	51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00																							



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRONTENAC ROAD
DRAINAGE AND UTILITY

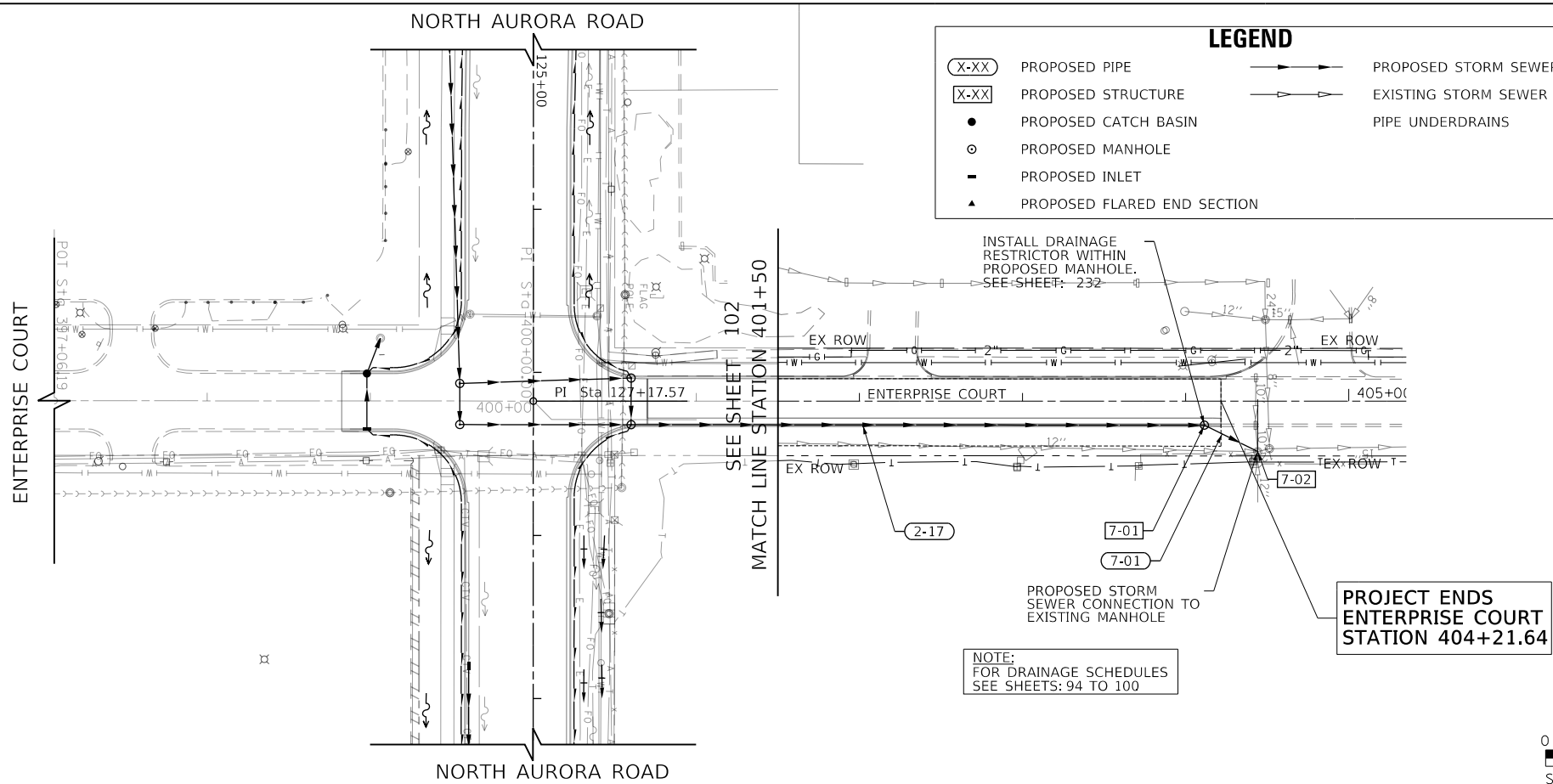
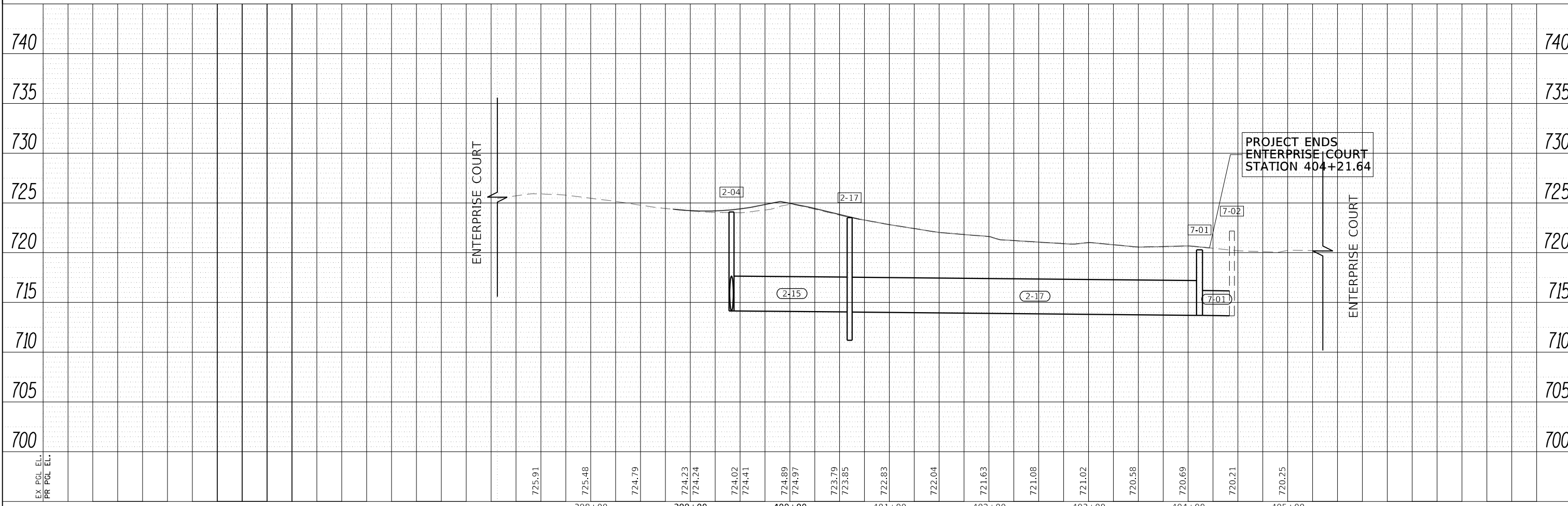
SCALE: 1"=50' SHEET 13 OF 17 SHEETS STA. 50+00.00 TO STA. 61+00.00

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	106
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

FILE NAME = 090193-01-07



LEGEND			
(X-XX)	PROPOSED PIPE	→	PROPOSED STORM SEWER
(X-XX)	PROPOSED STRUCTURE	→	EXISTING STORM SEWER
●	PROPOSED CATCH BASIN	—	PIPE UNDERDRAINS
○	PROPOSED MANHOLE		
■	PROPOSED INLET		
▲	PROPOSED FLARED END SECTION		

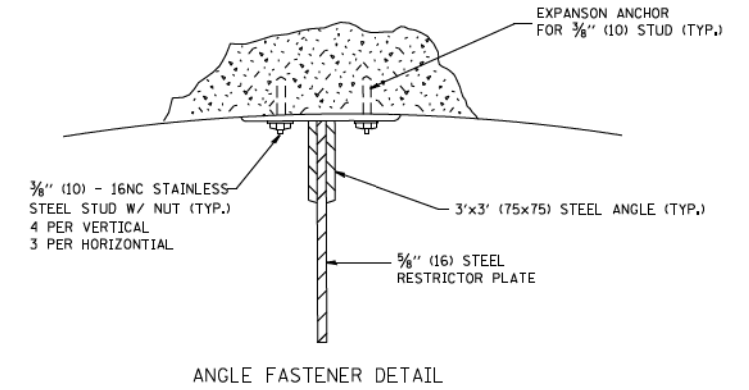
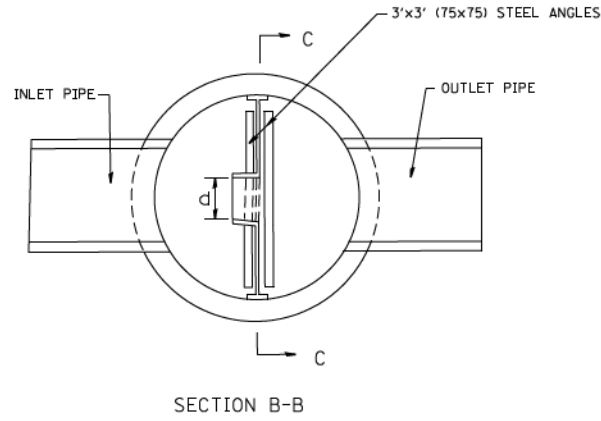
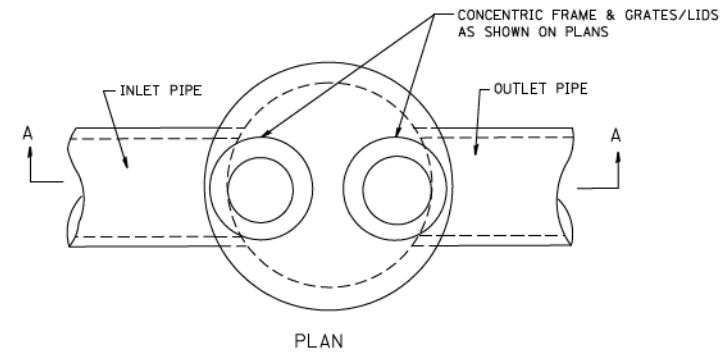


	USER NAME = brvanderwal	DESIGNED - AMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTERPRISE COURT DRAINAGE AND UTILITY	F.A.U. RTE. 1509	SECTION 08-00140-00-PV	COUNTY DuPAGE	TOTAL SHEETS 332	SHEET NO. 107
	PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -			SCALE: 1"=50'	SHEET 14 OF 17 SHEETS	STA. 398+97.50 TO STA. 404+21.64	CONTRACT NO. 61G19	
	PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -							

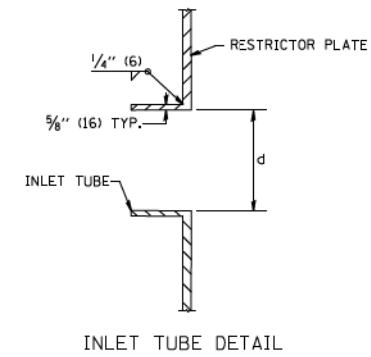
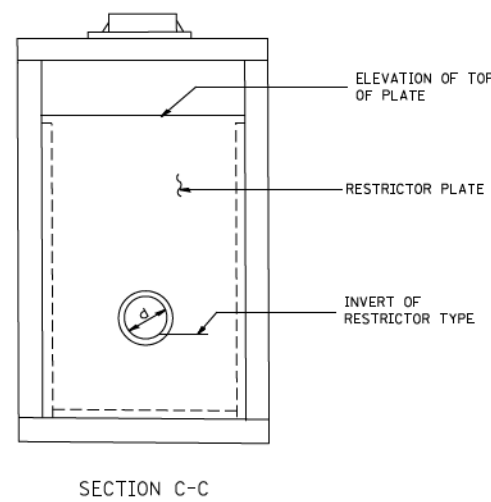
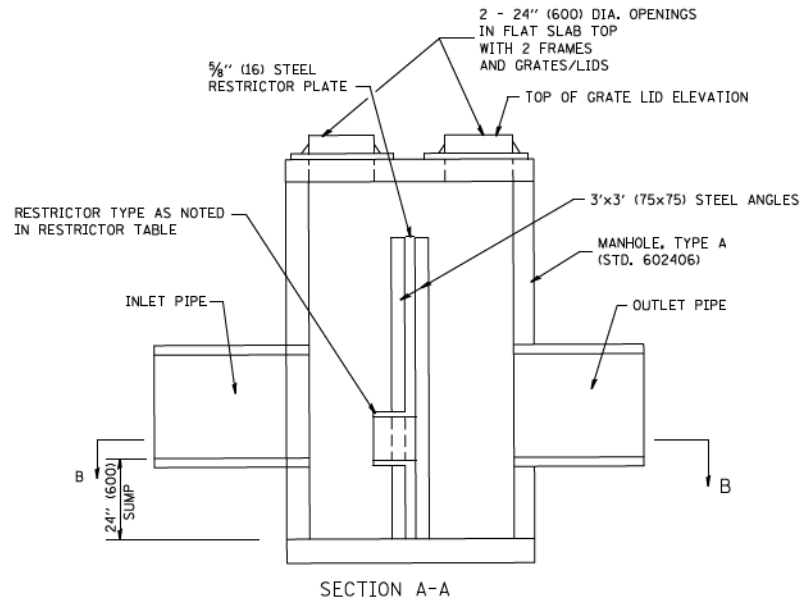
DATE	
BY	
PLAN	SURVEYED
NOTE BOOK NO.	PLOTTED
	CHECKED
	ALIGNMENT
	STRUCTURE
	NOTATIS CHKD
	CADD FILE NAME

DATE	
BY	
PROFILE	SURVEYED
NOTE BOOK NO.	GRADES CHECKED
	STRUCTURE
	NOTATIS CHKD

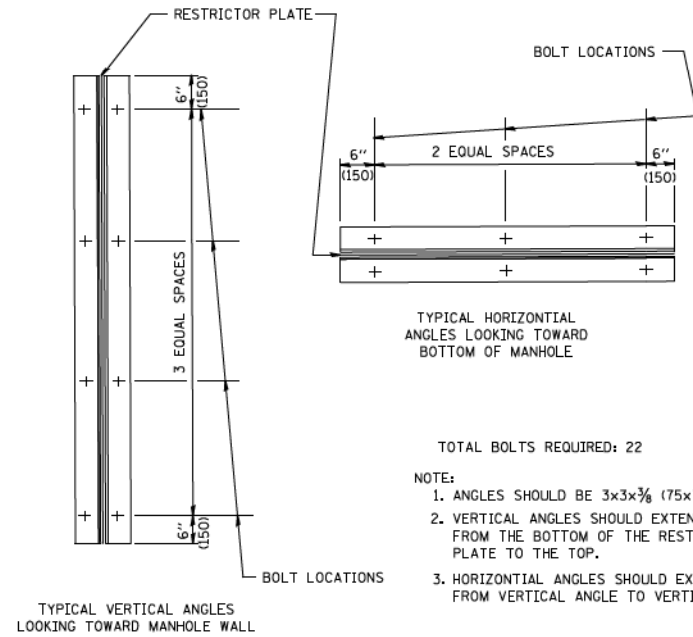
FILE NAME = 090193-DRAINAGE DETAILS



- NOTES:
- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 - ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 - BASIS OF PAYMENT: "MANHOLES TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER In. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
STR NO. 159+39.29						
4-43 36.53' RT	10	2 TYPE 1 FRAME, CL	SHARP EDGED	28" (D1) 15" (D2)	698.80 697.02	704.97
STR NO. 404+11.49						
7-01 14.79' RT	6	2 TYPE 1 FRAME, CL	SHARP EDGED	18"W x 8"H 12"W x 3.4"H	715.27 713.71	717.00



- TOTAL BOLTS REQUIRED: 22
- NOTE:
- ANGLES SHOULD BE 3x3x3/8 (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

STEEL ANGLE BOLTING DETAILS

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



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
MANHOLE WITH RESTRICTOR PLATE

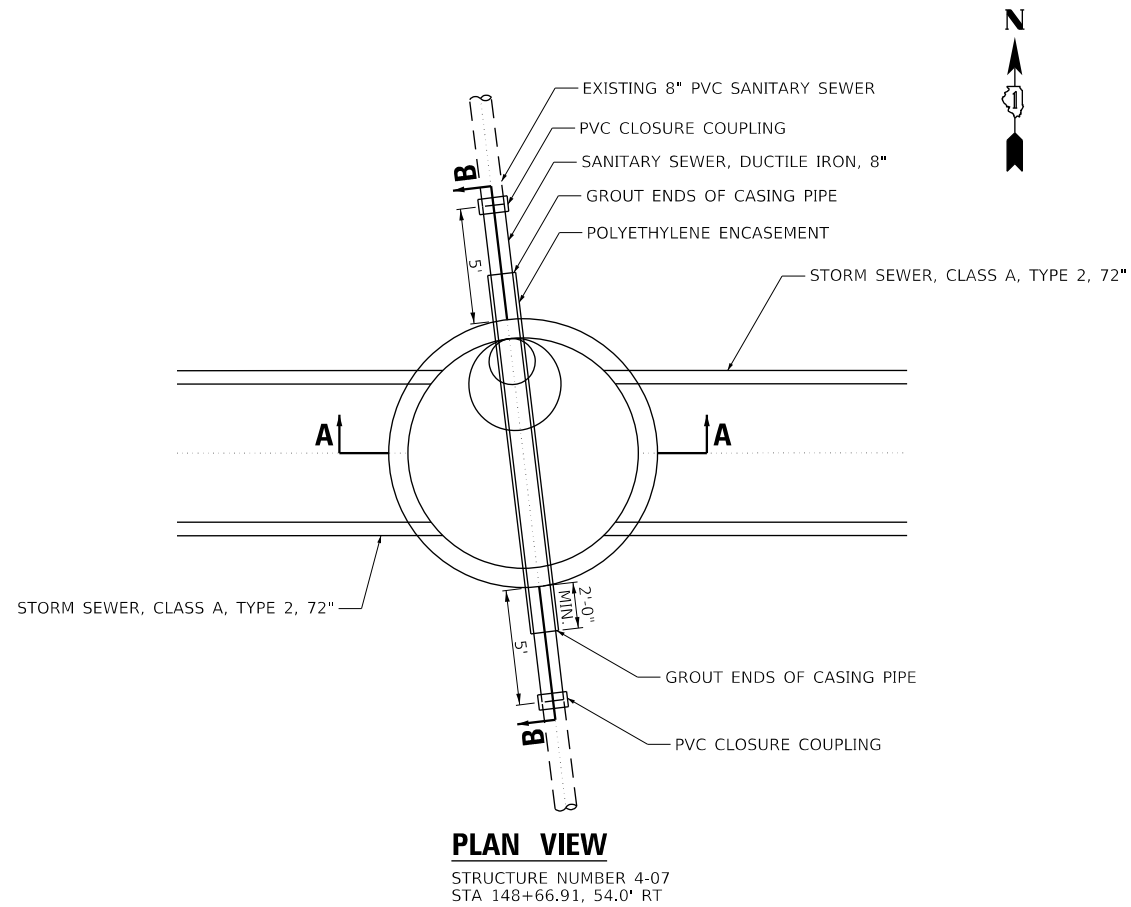
SCALE: NONE SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	108
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
NOTE BOOK NO.		

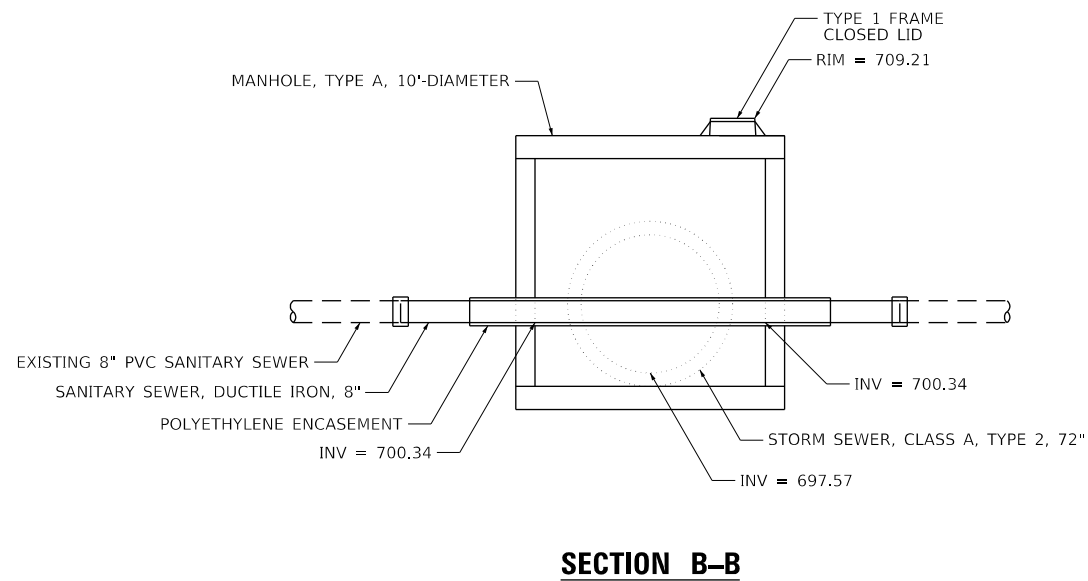
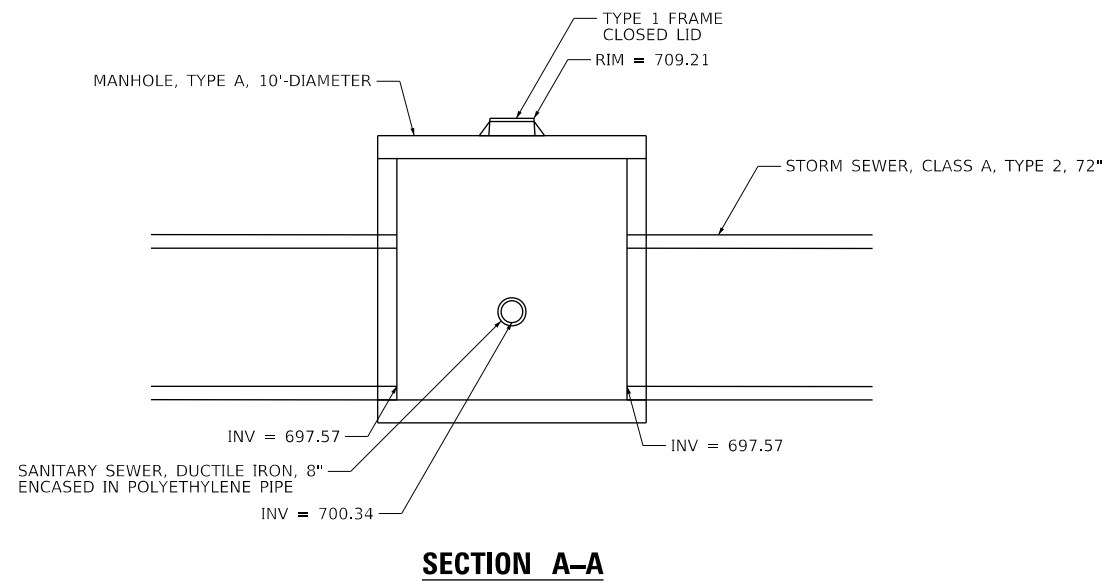
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.	NOT AT THIS OFFICE	

FILE NAME = 098193-DRAINAGE DETAILS



NOTES:

1. STRUCTURE SHALL BE PRECAST REINFORCED CONCRETE AND IN ACCORDANCE WITH HIGHWAY STANDARD 602426-02.
2. SEE HIGHWAY STANDARDS 602601-06, 602701-02 AND 604001-05 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. THE CONTRACT UNIT PRICE FOR CONFLICT MANHOLES SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE AGGREGATE BASE, RESILIENT CONNECTORS, MANHOLE BASE AND BARREL SECTIONS, FLAT TOP SLAB, ADJUSTING RINGS, TYPE 1 FRAME AND CLOSED LID, AND MANHOLE STEPS.
4. ALL INVERTS AND ELEVATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PREFABRICATION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR EACH CONFLICT MANHOLE.
5. STATION, OFFSET AND RIM ELEVATION PROVIDED ARE AT THE CENTER OF THE PROPOSED FRAME AND LID.
6. A FULLY ENCLOSED, CONTINUOUS SEGMENT OF SANITARY SEWER, DUCTILE IRON, 8" PIPE SHALL PASS THROUGH THE STRUCTURE AS SHOWN IN THIS DETAIL. THE PRECAST OPENINGS IN THE STRUCTURE WALLS SHALL BE TIGHTLY SEALED AFTER INSTALLATION OF THE 8" PIPE TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EACH STRUCTURE.



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

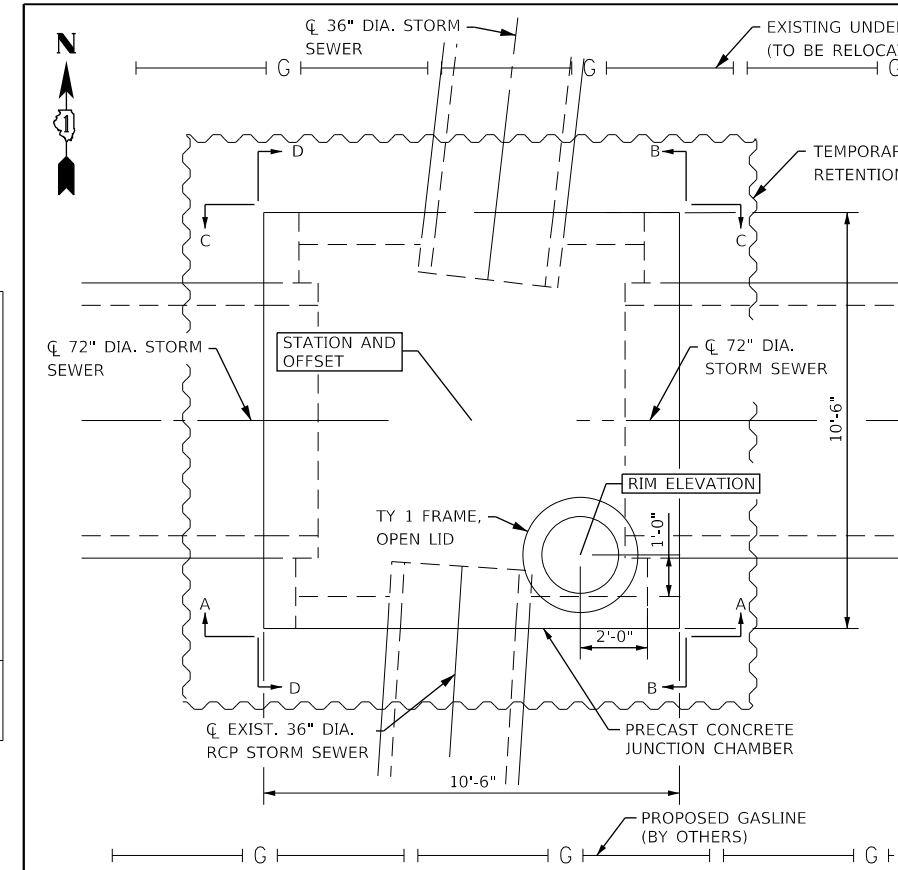
**DRAINAGE DETAILS
CONFLICT MANHOLE - STRUCTURE NUMBER 4-09**

SCALE: NONE SHEET 16 OF 17 SHEETS STA. TO STA.

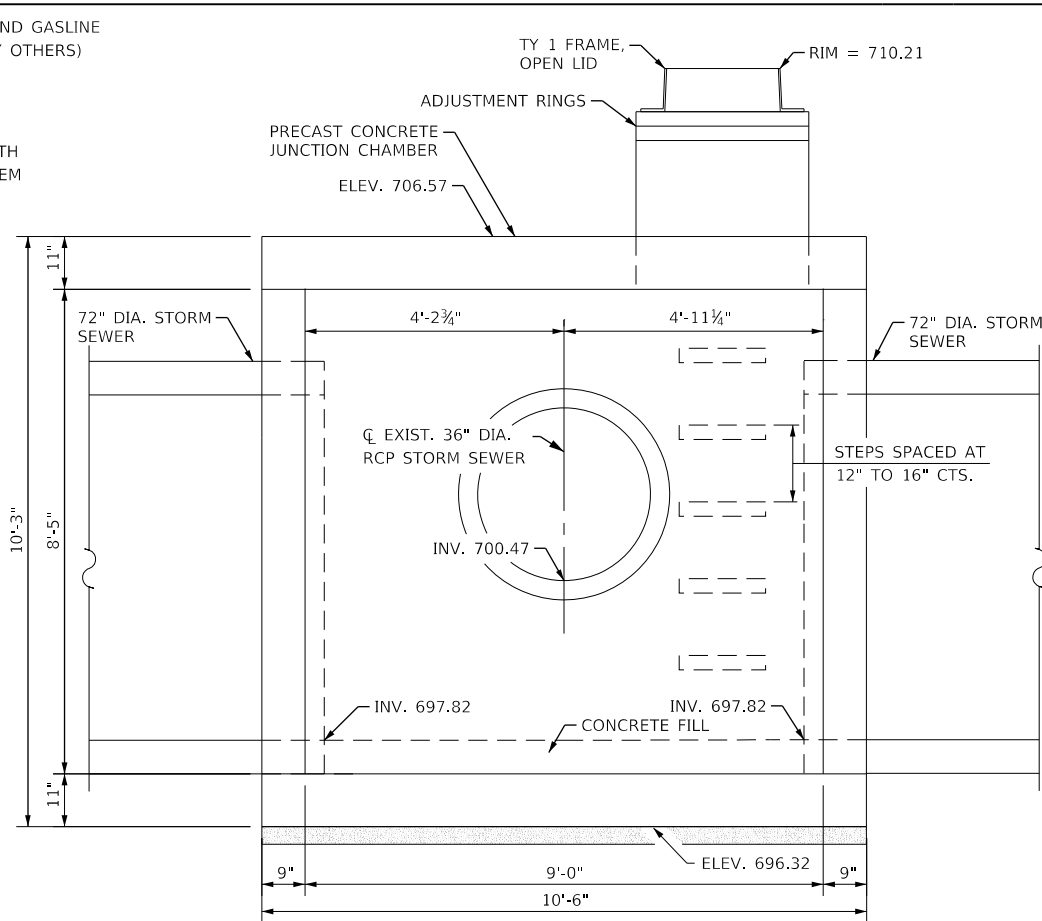
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	109
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	
	NO.	
	NO.	
	NO.	

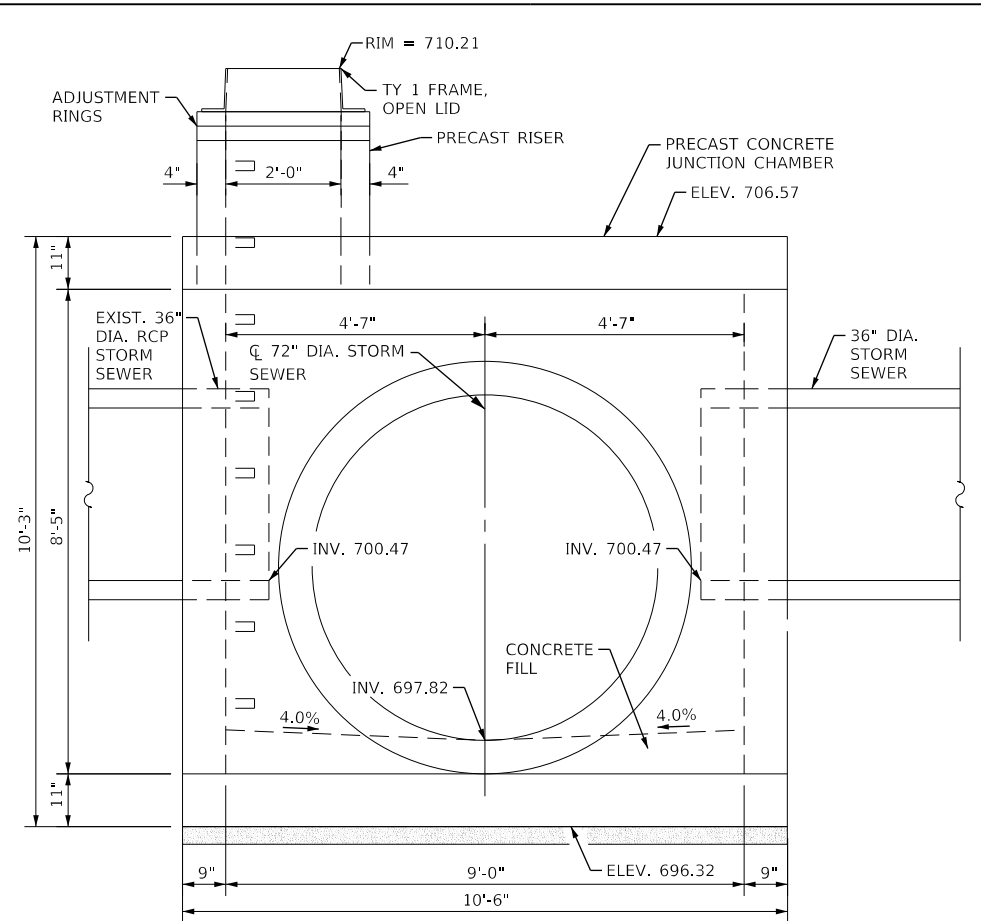
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	NO.	
	NO.	
	NO.	



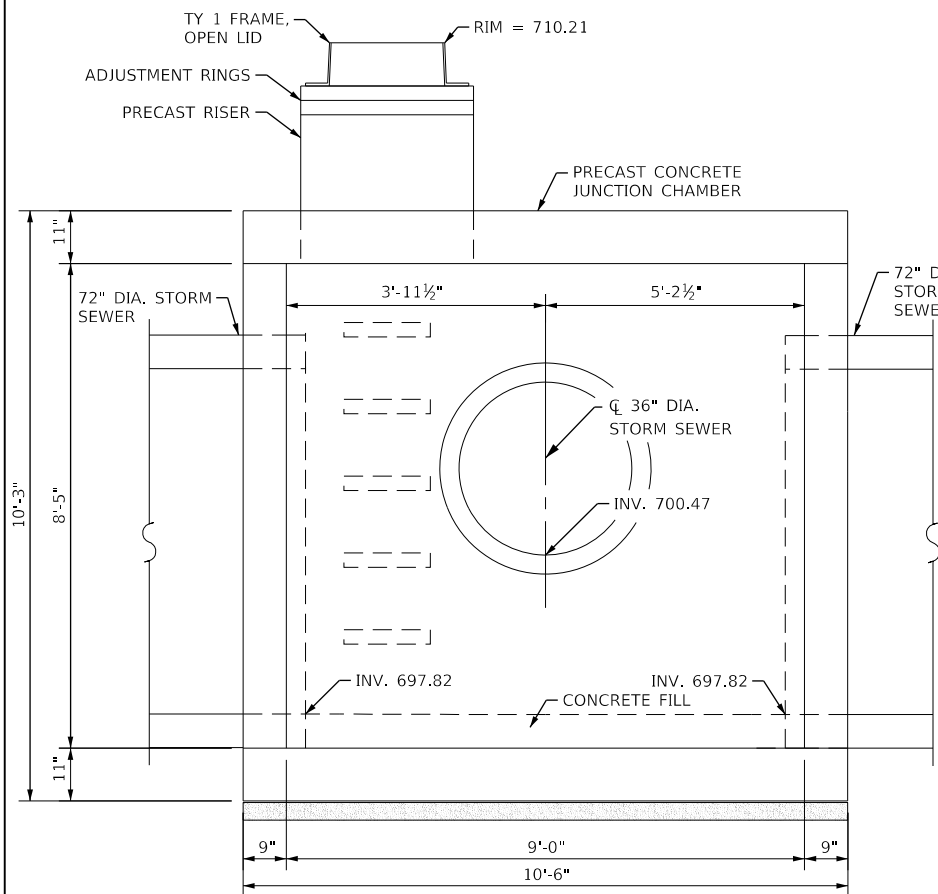
PLAN VIEW



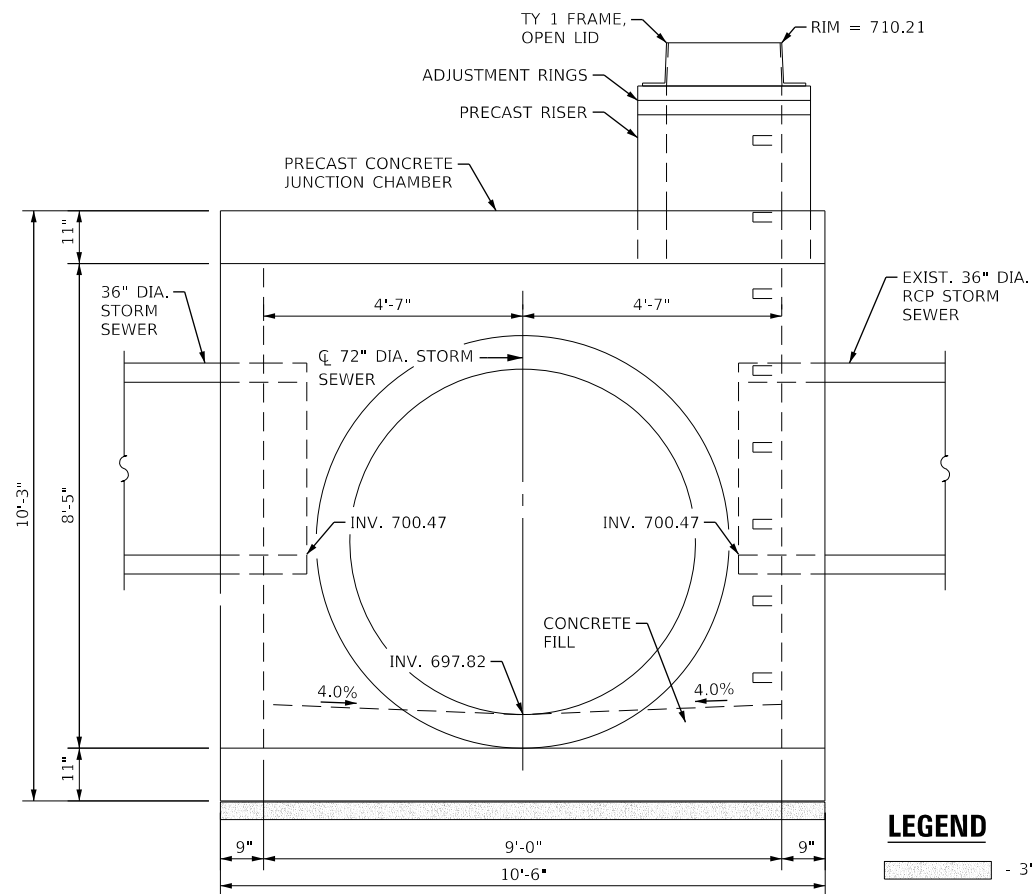
ELEVATION A-A



ELEVATION B-B



ELEVATION C-C



ELEVATION D-D

LEGEND

3" SAND CUSHION

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
PRECAST CONCRETE JUNCTION CHAMBER	EACH	1

NOTES:

1. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIAL PROVISION "PRECAST CONCRETE JUNCTION CHAMBER" AND THE STANDARD SPECIFICATIONS.
2. APPROPRIATE SIZING AND LOCATION OF LIFTING INSERTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE BALANCED HANDLING DURING INSTALLATION.
3. THE CONTRACTOR IS TO PATCH ALL LIFTING INSERT HOLES AND PLACE A MINIMUM OF ONE (1) INCH COVER OVER THE HARDWARE OF THESE DEVICES ON BOTH TOP AND BOTTOM SURFACES.
4. TEMPORARY SOIL RETENTION SYSTEMS SHOWN ON THE PLAN IS CONCEPTUAL. CONTRACTOR SHALL DETERMINE LAYOUT AND PREPARE AND SUBMIT PLANS TO THE ENGINEER FOR APPROVAL. COST INCLUDED IN "PRECAST CONCRETE JUNCTION CHAMBER."
5. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE PRECAST WITH NO JOINTS.
6. SEE HIGHWAY STANDARDS 602701-02 AND 604001-05 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
7. ALL INVERTS AND ELEVATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE JUNCTION CHAMBER.
8. RIM ELEVATION IS PROVIDED AT THE CENTER OF THE PROPOSED FRAME AND LID. STATION AND OFFSET ARE PROVIDED AT THE CENTER OF THE STRUCTURE.

FILE NAME = 098193-DRAINAGE DETAILS



USER NAME = brvanderwal	DESIGNED - JMP	REVISED -
	DRAWN - JMP	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - JRM	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
JUNCTION CHAMBER - STRUCTURE NUMBER 3-34

SCALE: NONE SHEET 17 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	110
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

GENERAL NOTES FOR WATER MAIN RELOCATION AND REPLACEMENT

1. REFER TO "SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS" MANUAL AND CITY OF NAPERVILLE STANDARDS.
2. PROVIDE PRECONSTRUCTION VIDEO DVD(S) TO THE CITY OF NAPERVILLE PRIOR TO THE START OF CONSTRUCTION.
3. CONTACT THE FOLLOWING PEOPLE AT LEAST 72 HOURS BEFORE CONSTRUCTION:
MR. DICK DUBLINSKI, DIRECTOR OF PUBLIC WORKS FOR THE CITY OF NAPERVILLE AT (630) 420-6752.
4. WATER MAINS TO BE INSTALLED WITH A MINIMUM OF 6 FEET OF COVER UNLESS OTHERWISE SHOWN ON DRAWINGS.
5. THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE DRAWINGS ARE BASED ON INFORMATION PROVIDED BY OWNERS OF THE FACILITIES AND THE ENGINEER AND ARE NOT NECESSARILY COMPLETE OR ACCURATE. CONTRACTOR REQUIRED TO LOCATE ALL UTILITIES IN THE FIELD PRIOR TO STARTING WORK.
6. PROTECT EXISTING UNDERGROUND UTILITIES AND BUILDING SERVICE LINES FROM DAMAGE. MAKE EXPLORATIONS AS NECESSARY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES AND SERVICE LINES. EXERCISE CARE DURING THE PROGRESS OF WORK TO PREVENT DAMAGE TO EXISTING UNDERGROUND FACILITIES.
7. DO NOT STORE MATERIALS, STRUCTURES, OR MACHINES WHERE THEY WILL OBSTRUCT STREET OR DRIVEWAY SIGHTLINES.
8. NOTIFY THE RESIDENT ENGINEER OF ANY CONFLICTS BETWEEN THE PROPOSED WATER MAIN OR SANITARY SEWER LOCATIONS AND EXISTING UTILITY FACILITIES AT LEAST 3 WORKING DAYS PRIOR TO THE INSTALLATION OF THE WATER MAINS OR SANITARY SEWERS.
9. CONTRACTORS TO NOTIFY RESIDENTS OR BUSINESSES AT LEAST 48 HOURS PRIOR TO ANY DISRUPTION OR SHUTDOWN OF WATER SERVICE. SHUTDOWNS IMPACTING BUSINESSES ARE NOT PERMITTED. COORDINATE WITH NAPERVILLE DEPARTMENT OF PUBLIC UTILITIES-WATER PRIOR TO ANY SHUTDOWNS AND TO ISOLATE WATER MAIN FOR HYDRANT INSTALLATIONS.
10. EXISTING VALVES ARE TO BE RESTRAINED OR BRACED AS REQUIRED PRIOR TO CLOSING VALVES FOR CONNECTION OF PROPOSED WATER MAINS TO EXISTING WATER MAINS OR FOR ABANDONMENT OF EXISTING WATER MAINS.
11. INSTALL NEW WATER MAINS BENEATH EXISTING WATER MAINS AND WATER SERVICE PIPES, UNLESS OTHERWISE NOTED ON DRAWINGS.
12. GRANULAR PIPE BEDDING MATERIAL SHALL CONSIST OF GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE CONFORMING TO THE REQUIREMENTS OF ARTICLE 1004.01 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", PREPARED BY IDOT. THE GRADATION SHALL CONFROM TO GRADATION CA-7 OR CA-11 OF THE STANDARD SPECIFICATIONS.
13. WATER SERVICES TO BE INSTALLED AFTER NEW WATER MAINS HAVE BEEN TESTED, DISINFECTED, FLUSHED AND ACCEPTED FOR USE BY THE CITY OF NAPERVILLE.
14. REMOVE EXISTING WATER MAINS, FIRE HYDRANTS, VALVES, VALVE VAULTS AND BOXES, AND SERVICE LINES AFTER ALL NEW WATER MAIN HAS BEEN INSTALLED, TESTED, DISINFECTED, AND ACCEPTED FOR USE BY THE CITY OF NAPERVILLE AND AFTER ALL WATER SERVICES HAVE BEEN CONNECTED TO THE NEW WATER MAINS. FIRE HYDRANTS, VALVE BOXES, VALVE VAULT FRAMES AND COVERS REMOVED DURING WATER MAIN REMOVAL WORK SHALL BE DELIVERED TO THE CITY OF NAPERVILLE PUBLIC WORKS GARAGE.
15. ALL TRENCHES WITHIN THE PAVEMENT, OR WITHIN TWO FEET OF THE EDGE OF PAVEMENT, OF ALL STREETS SHALL BE BACKFILLED WITH TRENCH BACKFILL.
16. WHERE PLUGS OR CAPS ARE CALLED FOR ON THE PLANS, CONTRACTOR MAY USE PLUG OR CAP FITTINGS, AT THE CONTRACTOR'S OPTION, DEPENDING ON WHETHER OR NOT A BELL END EXISTS AT THE END OF THE WATER MAIN PIPE TO BE PLUGGED/CAPPED.
17. WHERE A LINE STOP, PLUG/CAP AND CONCRETE THRUST BLOCK IS CALLED FOR ON THE PLANS, CONTRACTOR SHALL CUT A SHORT SECTION OF WATER MAIN OUT OF THE WATER MAIN TO BE IMMEDIATELY ABANDONED AND INSTALL THE CONCRETE THRUST BLOCK AGAINST THE PLUG/CAP AND THE CUT END OF THE WATER MAIN TO BE IMMEDIATELY ABANDONED. ALTERNATIVELY, THE CONTRACTOR MAY INSTALL A DEDICATED, SPECIALLY DESIGNED, PERMANENT LINE STOP TO REMAIN IN THE WATER MAIN TO BE ABANDONED AFTER THE NEW WATER MAIN IS IN SERVICE.
18. EXISTING WATER SERVICE AND BOX LOCATIONS WILL BE LOCATED DURING CONSTRUCTION. NEW SERVICE BOXES SHALL NOT BE INSTALLED ON PRIVATE PROPERTY.
19. NO TEMPORARY STOCKPILING OF EXCAVATED MATERIALS IS ALLOWED WITHIN THE RIGHT-OF-WAY. REMOVE TRENCH EXCAVATION SPOILS FROM THE SITE AS THE WORK PROGRESSES.
20. RESTORE THE CONSTRUCTION AREA TO PRE-CONSTRUCTION ELEVATIONS AND CONDITIONS.
21. PROVIDE PROPERTY OWNERS ALONG AND IMMEDIATELY ADJACENT TO THE WORK ADVANCE NOTICE OF THE CONSTRUCTION AND OF ALL ACTIVITIES THAT WILL RESTRICT THE USE OF THEIR DRIVEWAY AND ACCESS. MAKE ALL DRIVEWAYS ACCESSIBLE AT THE END OF EACH WORK DAY.

22. SANITARY SEWER PIPE SHALL COMPLY WITH ASTM D2241-05 (OR LATEST EDITION) FOR TYPE POLYVINYL CHLORIDE (PVC) SEWER PIPE AND FITTINGS OF MINIMUM WALL THICKNESS SDR 26.
23. ALL FITTINGS, VALVES AND FIRE HYDRANTS SHALL INCLUDE RESTRAINED JOINTS AND CONCRETE THRUST BLOCKS.
24. NEW WATER MAIN VALVES, INCLUDING PRESSURE TAP VALVES, ADJACENT TO AN EXISTING WATER MAIN, AND EXISTING WATER MAIN VALVES SHALL ONLY BE OPERATED BY THE CITY OF NAPERVILLE, DEPARTMENT OF PUBLIC UTILITIES CEE/CM DIVISION PERSONNEL WITH 48-HOUR NOTICE (MONDAY-FRIDAY). CONTACT NAPERVILLE TED BUSINESS GROUP AT 630-420-6082 FOR SCHEDULING.
25. ANY EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER. ADJUSTMENTS AND/OR RECONSTRUCTIONS NOT CALLED FOR ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. NO MORE THAN A TOTAL OF 12 INCHES OF ADJUSTING RINGS AND/OR 2 ADJUSTING RINGS SHALL BE ALLOWED. ALL STRUCTURE FRAMES SHALL BE FLUSH WITH FINAL GRADE.
26. TREES SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM UNDERGROUND ELECTRICAL FEEDERS, SANITARY SEWERS, SANITARY SERVICES, WATER MAINS, AND WATER SERVICES. TREES SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET HORIZONTALLY FROM UTILITY STRUCTURES AND APPURTENANCES, INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVE VAULTS, VALVE BOXES AND FIRE HYDRANTS. NO TREES, SHRUBS OR OBSTACLES WILL BE ALLOWED 10' IN FRONT OF, 5' ON THE SIDES, AND 7' TO THE REAR OF THE ELECTRICAL TRANSFORMER.
27. ALL RETAINER GLANDS WHEN REQUIRED TO RESTRAIN VALVES, FITTINGS, HYDRANTS, AND PIPE JOINTS SHALL BE MECHANICAL JOINT WEDGE ACTION TYPE MEGALUG 1100 SERIES AS MANUFACTURED BY EBBA IRON, INC. OR UNI-FLANGE BLOCKBUSTER 1400 SERIES AS MANUFACTURED BY FORD METER BOX CO. AND SHALL BE FOR USE ON DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.51, FOR NOMINAL PIPE SIZES 3" THROUGH 48".
28. EXISTING DUCTILE IRON SYSTEMS FOR RESTRAINING PUSH-ON PIPE BELLS SHALL BE MEGALUG SERIES 1100HD OR FORD SERIES 1390.
29. EXISTING DUCTILE IRON SYSTEMS REQUIRING RESTRAINT SHALL BE MEGALUG SERIES 1100SD (SPLIT MEGALUG) FOR MECHANICAL JOINTS.
30. DUCTILE IRON WATER MAIN TO BE CLASS 52. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN POLYETHYLENE FILM POLYETHYLENE ENCASEMENT TO BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C105/A21.5-05.
31. A SET OF AS-BUILT RECORD DRAWING SHALL BE GIVEN TO THE CITY OF NAPERVILLE UPON COMPLETION OF IMPROVEMENTS SHOWING THE ELEVATION AND LOCATION (TIED TO TWO POINTS) OF ALL NEW AND EXISTING STRUCTURES INCLUDING FIRE HYDRANTS, VALVE BOXES AND VAULTS, LINESSTOP SLEEVES, WATER SERVICE CORPORATION STOPS, WATER MAIN FITTINGS/BENDS, MANHOLES, SANITARY SERVICE WYES (MEASURED FROM DOWNSTREAM MANHOLE), AND ABANDONED WATER OR SANITARY SERVICE LINES. ALL ELEVATIONS SHOULD BE REFERENCED TO THE SAME BENCHMARK DATUM AS THE ORIGINAL DESIGN PLANS. HORIZONTAL TIES SHALL BE REFERENCED TO LOT LINES, BACK OF CURB, OR PROPERTY CORNERS.
32. ALL SANITARY SEWER PIPING SHALL BE PVC PIPE MEETING THE REQUIREMENTS OF ASTM D-2241 WITH JOINTS CONFORMING TO ASTM D-3139. ALL SANITARY SEWER FITTINGS SHALL BE PVC MEETING THE FOLLOWING REQUIREMENTS: 4" TO 12" SHALL BE INJECTION MOLDED FITTINGS MEETING ASTM D-2241. GREATER THAN 12" SHALL BE FABRICATED FITTINGS MEETING ASTM D-2241 OR C905. MINIMUM PRESSURE RATING SHALL BE 150 PSI.
33. THE VALVES LESS THAN 16" SHALL BE STANDARD PATTERN, GATE VALVES AND SHALL HAVE THE NAME OR MARK OF THE MANUFACTURER, SIZE AND WORKING PRESSURE PLAINLY CAST IN RAISED LETTERS ON THE VALVE BODY. VALVES MAY BE APPROVED FROM ONE OF THE FOLLOWING MANUFACTURERS: AMERICAN, CLOW, WATEROUS OR KENNEDY.
34. STAINLESS STEEL NUTS, BOLTS/T-BOLTS, AND WASHERS, TYPE 304 OR BETTER, WILL BE REQUIRED ON ALL WATER MAIN INSTALLATIONS. THIS WOULD APPLY TO HYDRANTS, TAPPING SLEEVES, VALVES, FITTINGS, RESTRAINT, AND OTHER APPURTENANCES BURIED OR IN VALVE VAULTS. MECHANICAL JOINTS AND RESTRAINT GLANDS REQUIRE 304 STAINLESS STEEL T-BOLTS. AN ANTI-SEIZE COMPOUND SHALL BE FACTORY APPLIED TO NUTS OR BOLTS - ANY DAMAGE TO THIS COATING SHALL BE REPAIR WITH FIELD APPLIED APPROVED ANTI-SEIZE COMPOUND THAT IS A MOLYBDENUM-BASE LUBRICANT, BOSTIK NEVER-SEEZ OR APPROVED EQUAL.
35. THE CONTRACTOR SHALL ROTATE AND/OR ADJUST ANY EXISTING AND/OR NEW HYDRANT TO THE SATISFACTION OF THE DEPARTMENT OF PUBLIC UTILITIES.
36. WATER MAINS SHALL BE SUBJECTED TO A HYDROSTATIC/LEAKAGE TEST IN ACCORDANCE WITH NAPERVILLE STANDARD SPECIFICATIONS. TEST PRESSURE SHALL BE NO LESS THAN 150 PSI FOR A PERIOD OF 4 HOURS AND NOT VARY BY MORE THAN + 5 PSI. DURING THE TEST. THE TEST GAUGE SHALL BE APPROVED BY THE CITY AND SHALL BE GLYCERIN OR OIL FILLED, WITH A RANGE OF NOT MORE THAN 200 PSI AND INCREMENTS NOT GREATER THAN 5 PSI, 4 " MINIMUM DIAL SIZE. WATER RECOVERY TEST SHALL BE COMPLETED AT THE END OF THE TESTING PERIOD TO SHOW ACTUAL LEAKING AND THAT THE WATER MAIN DID NOT HAVE TOO MUCH TRAPPED AIR IN THE TESTED SECTION.
37. FIRE HYDRANT SHOULD BE BAGGED "NOT IN SERVICE" UNTIL ALL TESTING AND DISINFECTION HAS BEEN COMPLETED AND NEW WATER MAIN SECTION IS SERVICE.

38. SANITARY SEWER AND WATER SHALL BE CONSTRUCTED, TESTED, AND PLACED INTO SERVICE IN ACCORDANCE WITH CITY OF NAPERVILLE STANDARD SPECIFICATION AND SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
39. ALL VALVE BOXES, VAULTS, HYDRANTS, AND MANHOLES SHALL NOT BE COVERED WITH CONSTRUCTION DEBRIS AND SHALL REMAIN ACCESSIBLE TO THE RESPECTIVE UTILITY COMPANY.
40. ALL EXCAVATIONS MORE THAN 20 FEET DEEP MUST BE PROTECTED BY A SYSTEM DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER.
41. CONTRACTOR SHALL MAINTAIN 2' MINIMUM CLEARANCE BETWEEN EXISTING UTILITIES AND NEW FOUNDATIONS AND UNDERGROUND FACILITIES. IN AREAS WHERE FOUNDATIONS AND UNDERGROUND FACILITIES ARE PROPOSED ADJACENT TO EXISTING UTILITIES, THE CONTRACTOR SHALL POT HOLE BY VACUUM EXCAVATION OR HAND EXCAVATION TO LOCATE THE EXISTING UTILITY TO VERIFY MINIMUM CLEARANCE REQUIREMENT.
42. FENCES SHALL BE INSTALLED A MINIMUM OF 5 FEET FROM ANY WATER OR SANITARY MAINS WHEN RUNNING PARALLEL WITH THEM. WHERE FENCES ARE INSTALLED CROSSING WATER OR SANITARY MAINS, THE POSTS SHALL BE LOCATED TO HAVE THE MAIN BETWEEN THEM.
43. ALL BRASS COMPONENTS SHALL BE CERTIFIED TO BE LEAD FREE IN COMPLIANCE WITH NSF 61 AND NSF 372 AND IDENTIFIED WITH APPLICABLE MARKINGS.

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

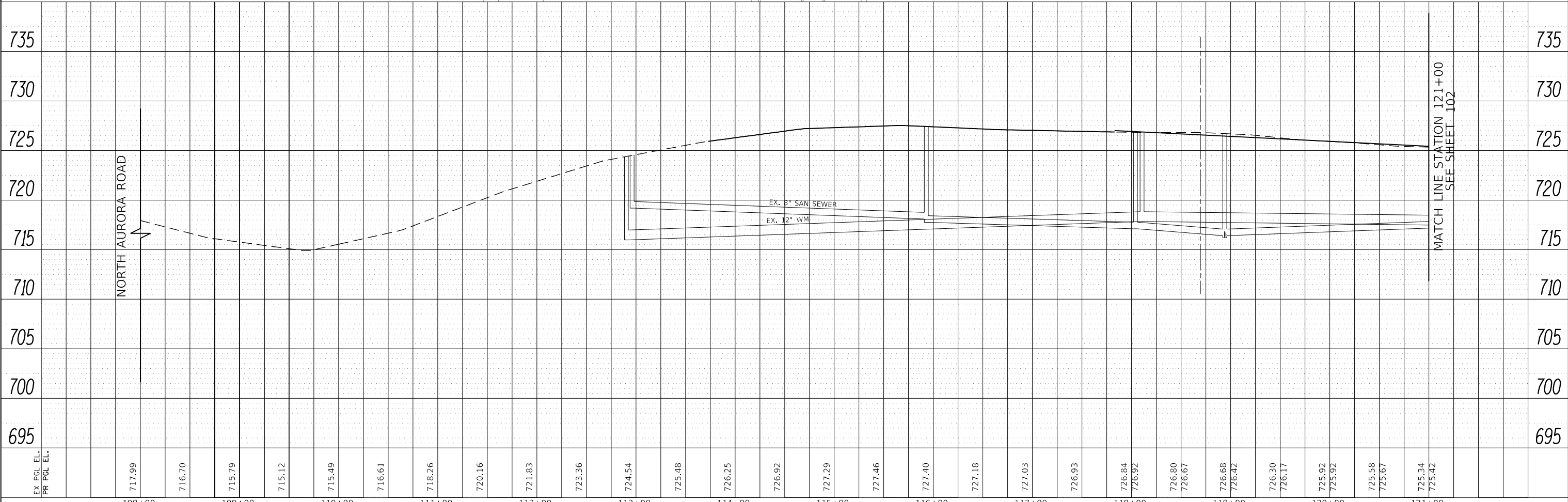
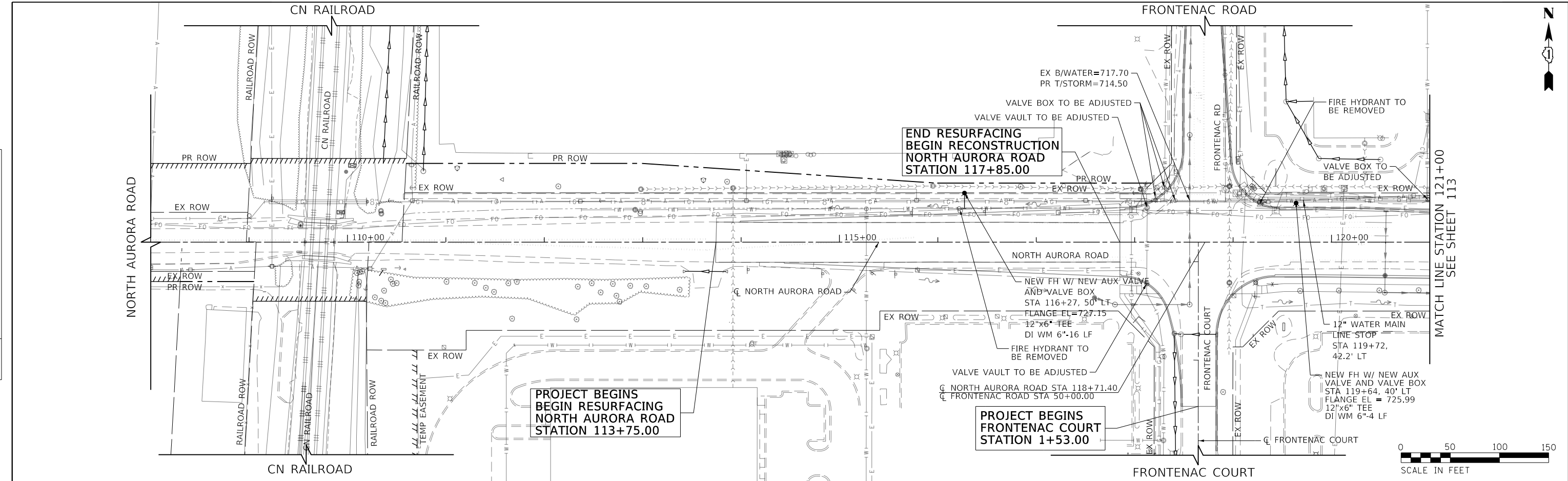
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	PLOTTED		
NOTE BOOK NO.	CHECKED		
	FILE NAME		

FILE NAME : 090193-WM-08

	USER NAME = brvanderwal	DESIGNED - AMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE WATER MAIN GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -		1509	08-00140-00-PV	DuPAGE	332	111			
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -	CONTRACT NO. 61G19									
SCALE: NONE	DATE - 11/3/2020	REVISED -	SHEET 1 OF 5 SHEETS		STA.	TO STA.	ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIS	
	CHFD	
	NO.	



EX PCL EL.	717.99	716.70	715.79	715.12	715.49	716.61	718.26	720.16	721.83	723.36	724.54	725.48	726.25	726.92	727.29	727.46	727.40	727.18	727.03	726.93	726.84	726.92	726.80	726.67	726.68	726.42	726.30	726.17	725.92	725.92	725.58	725.67	725.34	725.42
PR PCL EL.																																		
	108+00	109+00	110+00	111+00	112+00	113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00																				

FILE NAME = 090193-WM-01



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
WATER MAIN PLAN AND PROFILE**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 108+00.00 TO STA. 121+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	112
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

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

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

FILE NAME = 090193-WM-02

SEE SHEET 112
MATCH LINE STATION 121+00

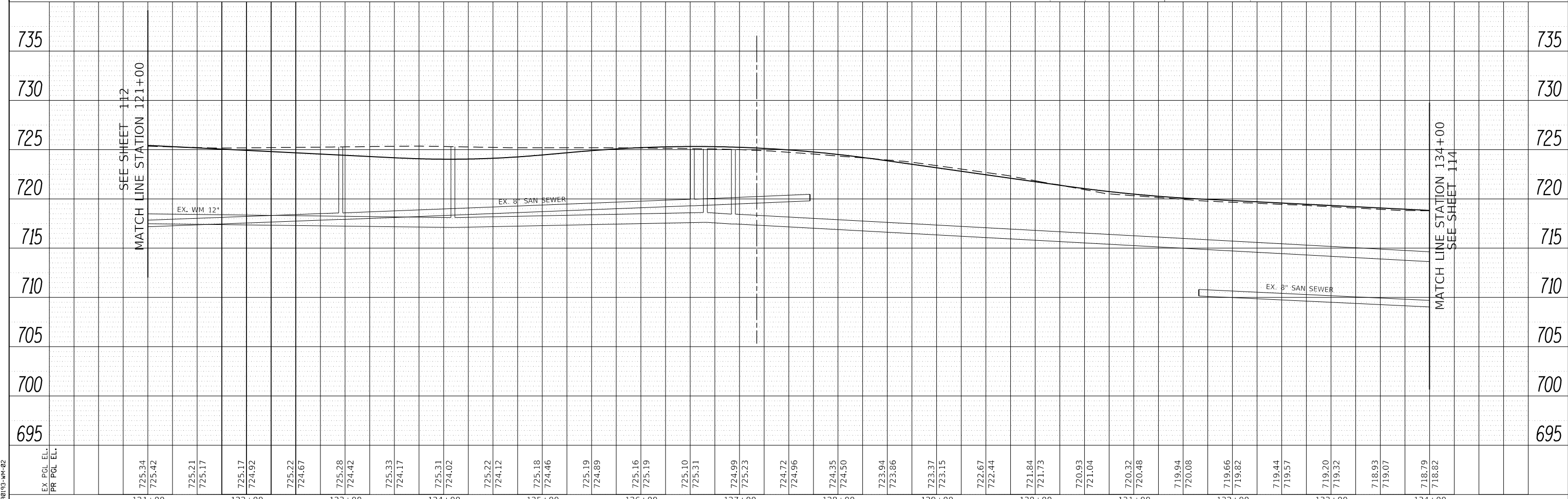
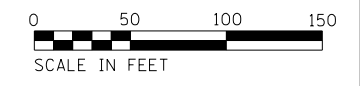
SEE SHEET 112
MATCH LINE STATION 121+00

MATCH LINE STATION 134+00
SEE SHEET 114

MATCH LINE STATION 134+00
SEE SHEET 114

NOTE:
FOR WATER MAIN
GENERAL NOTES
SEE SHEET:111

PROJECT BEGINS
ENTERPRISE COURT
STATION 398+82.50



EX PCL EL.	725.34	725.22	725.28	725.33	725.31	725.22	725.18	725.19	725.10	724.99	724.72	724.35	723.94	723.37	722.67	721.84	720.93	719.94	719.66	719.44	719.20	718.93	718.79	735	
PR PCL EL.	725.42	724.67	724.42	724.17	724.02	724.12	724.46	724.89	725.31	725.23	724.96	724.50	723.86	723.15	722.44	721.73	721.04	720.08	719.82	719.57	719.32	719.07	718.82	730	
																								725	
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	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00											



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

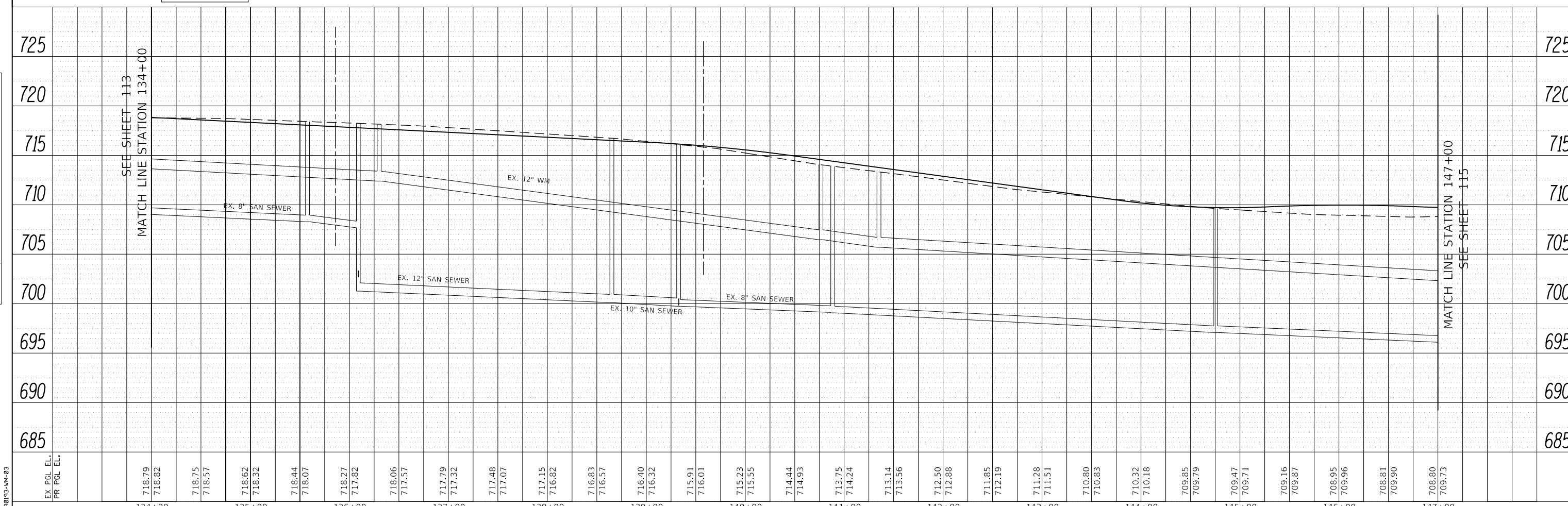
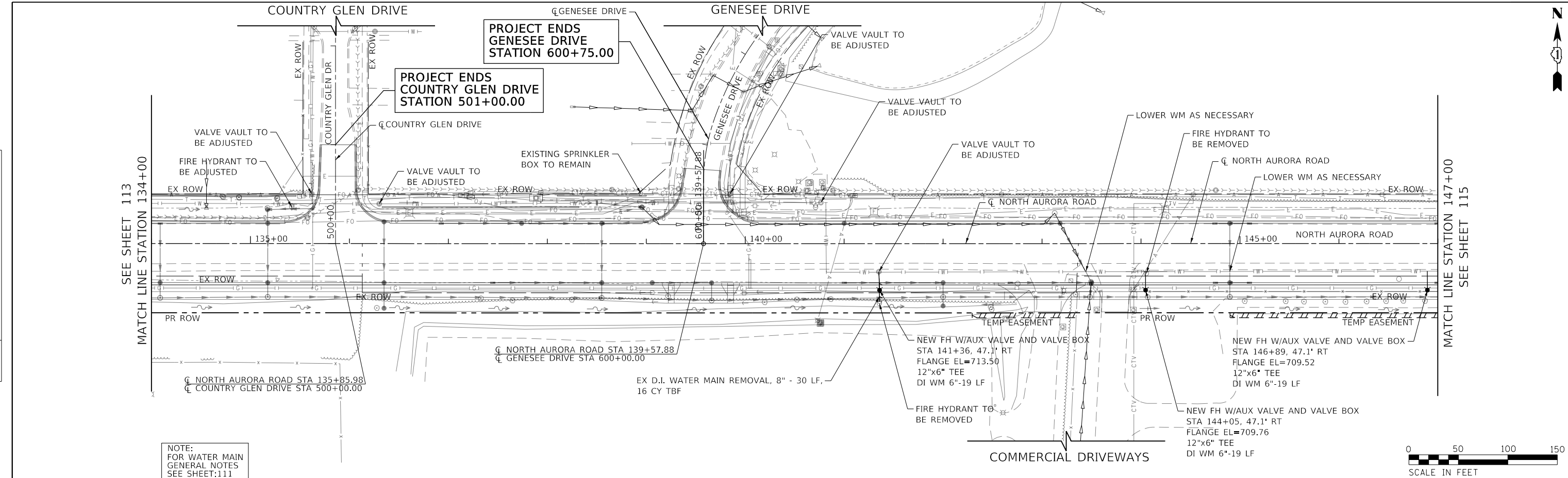
NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
WATER MAIN PLAN AND PROFILE
SCALE: 1"=50'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DUPAGE	332	113
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

SHEET 3 OF 5 SHEETS STA. 121+00.00 TO STA. 134+00.00

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

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



FILE NAME = 090193-WM-03



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
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	DATE - 11/3/2020	REVISED -

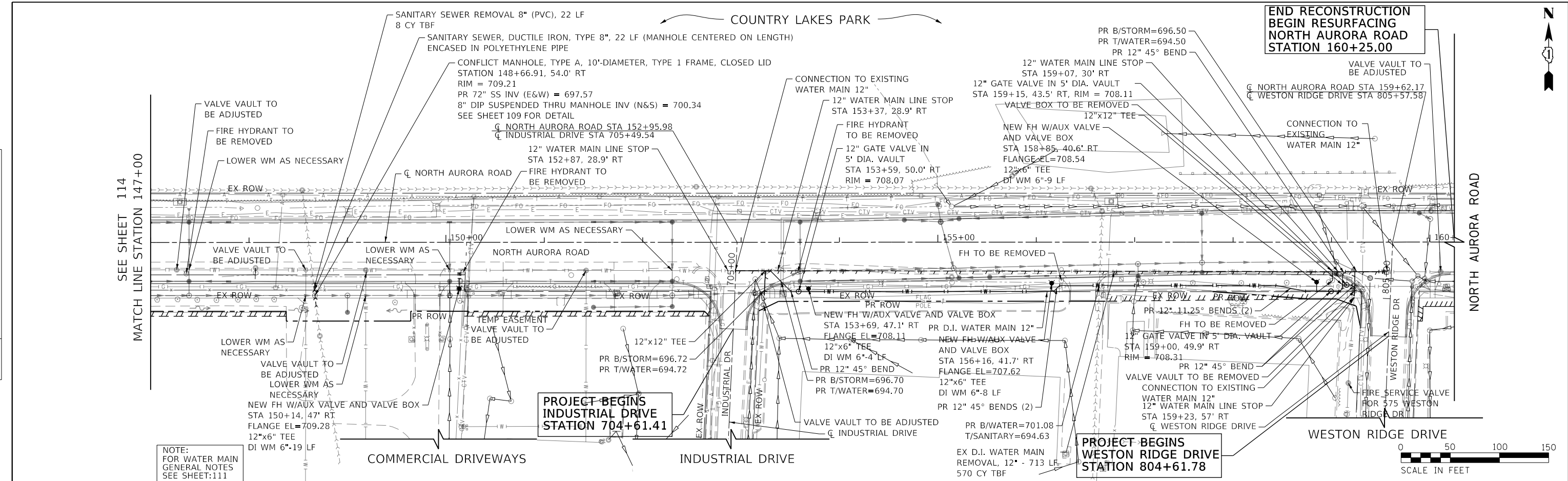
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD	
FRONTENAC ROAD TO FAIRWAY DRIVE	
WATER MAIN PLAN AND PROFILE	
SCALE: 1"=50'	SHEET 4 OF 5 SHEETS
STA. 134+00.00 TO STA. 147+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DUPAGE	332	114
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALLOWED		
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PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
	NOTATIS CHKD		
	NO.		

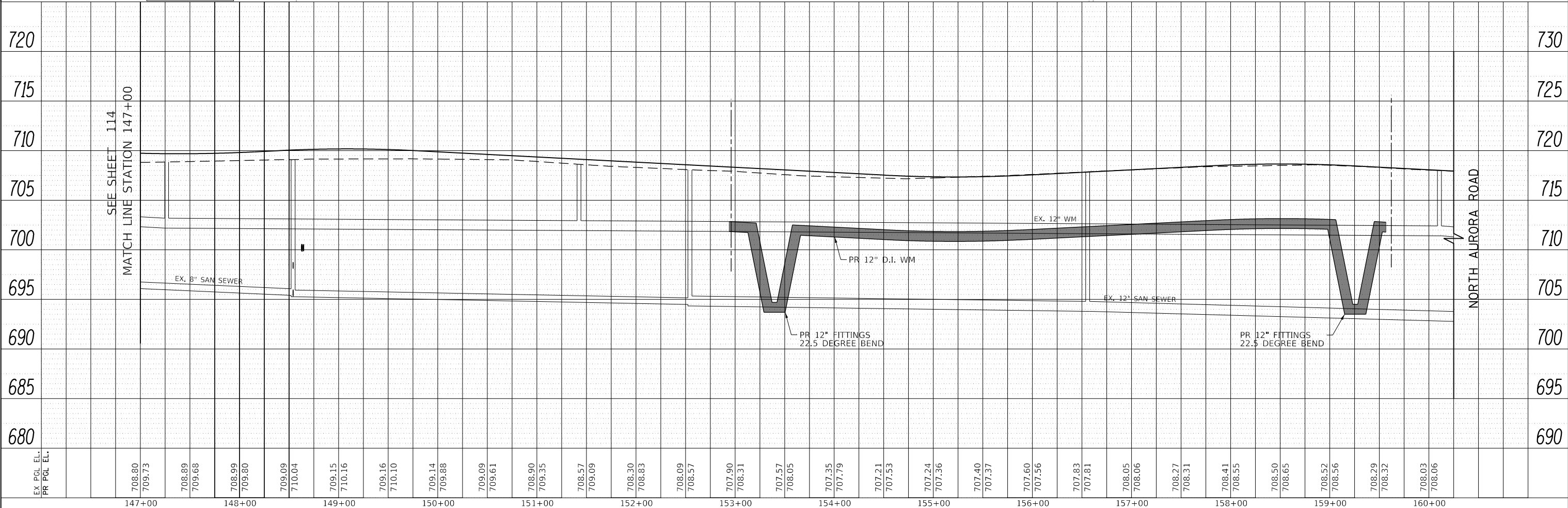
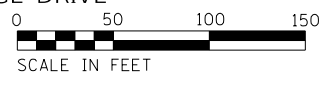


NOTE:
FOR WATER MAIN
GENERAL NOTES
SEE SHEET:111

END RECONSTRUCTION
BEGIN RESURFACING
NORTH AURORA ROAD
STATION 160+25.00

PROJECT BEGINS
INDUSTRIAL DRIVE
STATION 704+61.41

PROJECT BEGINS
WESTON RIDGE DRIVE
STATION 804+61.78



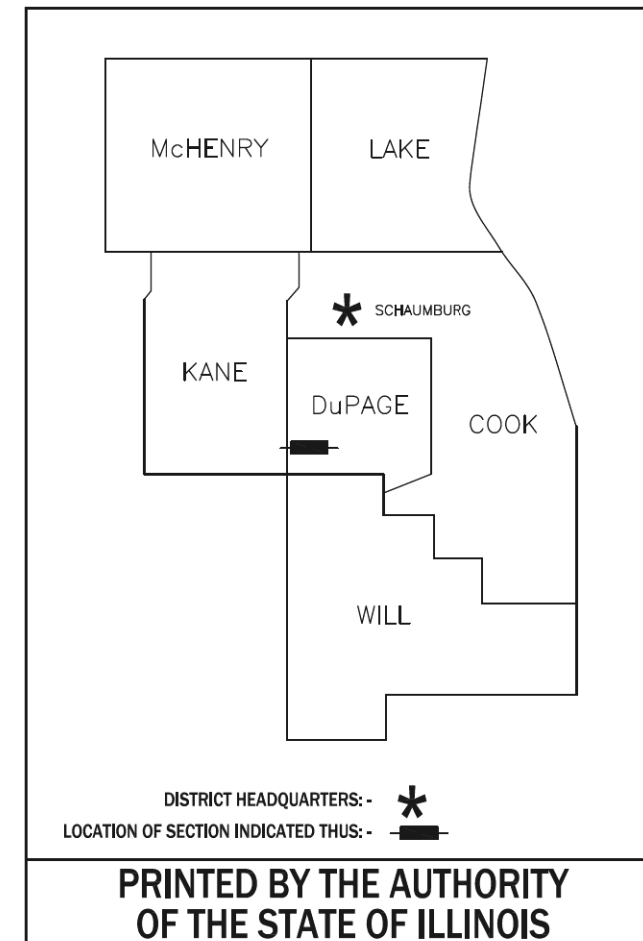
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PR PCL EL.	709.73	709.66	709.90	710.04	710.16	710.10	709.88	709.61	709.35	708.57	708.30	708.31	708.05	707.79	707.37	707.56	708.06	708.31	708.65	708.56	708.32	708.06	730

	USER NAME = brvanderwal	DESIGNED - AMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE WATER MAIN PLAN AND PROFILE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -		1509	08-00140-00-PV	DUPAGE	332	115		
	PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -		SCALE: 1"=50'		SHEET 5 OF 5 SHEETS	STA. 147+00.00 TO STA. 160+25.00		CONTRACT NO. 61G19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

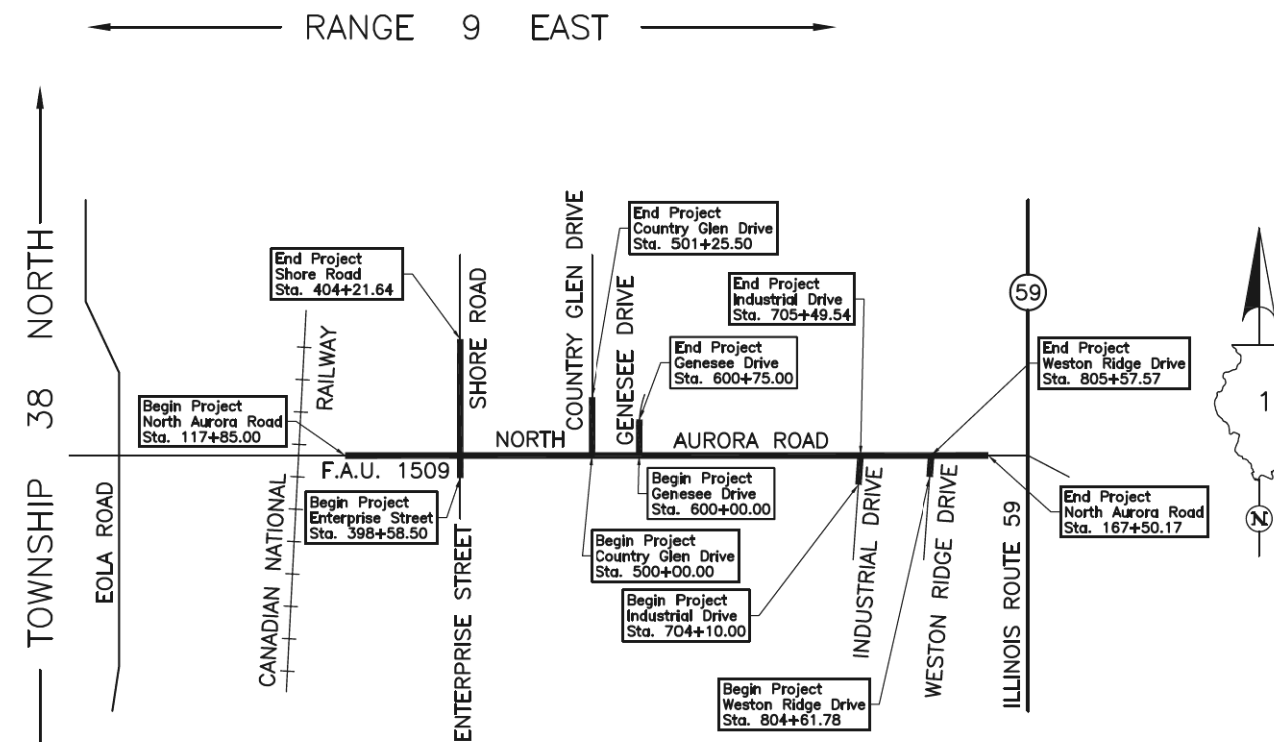
PLAT OF HIGHWAYS

ROUTE: F.A.U. 1509 (NORTH AURORA ROAD)
SECTION: 08-00140-00-PV
COUNTY: DuPAGE
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
JOB NO.: R-55-001-97



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001 0001T.E.	Illinois Bell Telephone Company, Inc., an Illinois corporation	2 & 9	
0002 0002T.E.	Baumgartner Land Venture, LLC, an Illinois Limited Liability Company	2 & 9	
0003 0003T.E.	Hinsdale Bank & Trust Company as successor to Suburban Bank & Trust Company as Trustee under Trust Agreement dated March 1, 1996 known as Trust No. 1096	3 & 9	
0004 0004T.E.	State Bank of Countryside as Trustee under Trust Agreement dated February 14, 1992 known as Trust No. 92-1121	4 & 9	
0005 0005T.E.	Hanson Exchange, L.L.C.	5 & 9	
0006 0006T.E.	ILOCA Leasing, Inc., an Illinois corporation	6	
0007	Weston Ridge Condominium Association on behalf of the Unit Owners as their interests may appear	6	
0008 0008T.E.	Mark A. Bank and Wendy Bank, as joint tenants	7	
0009P.E.	Naperville Railway Plaza, LLC, an Illinois limited liability company	7	
0010P.E.	535 Naperville Railway Plaza, LLC, an Illinois limited liability company	8	
0011P.E.	Railway Plaza III, LLC, an Illinois Limited Liability Company	8	



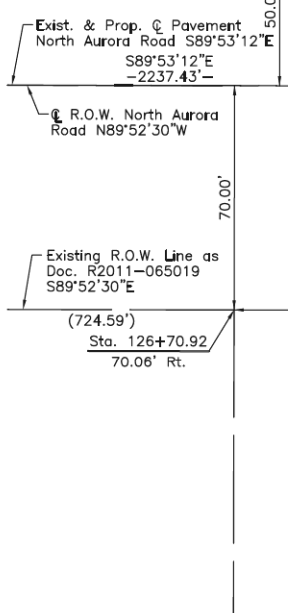
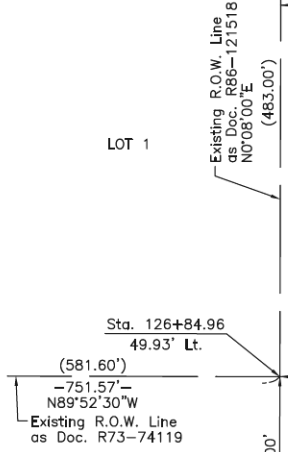
LOCATION MAP

PROJECT LENGTH = 4,965.17 LIN. FT. = 0.940 MILE, NORTH AURORA ROAD
 = 563.14 LIN. FT. = 0.107 MILE, ENTERPRISE STREET/SHORE ROAD
 = 125.50 LIN. FT. = 0.024 MILE, COUNTRY GLEN DRIVE
 = 75.00 LIN. FT. = 0.014 MILE, GENESEE DRIVE
 = 139.54 LIN. FT. = 0.026 MILE, INDUSTRIAL DRIVE
 = 95.79 LIN. FT. = 0.018 MILE, WESTON RIDGE DRIVE
 TOTAL LENGTH = 5,964.14 LIN. FT. = 1.130 MILES

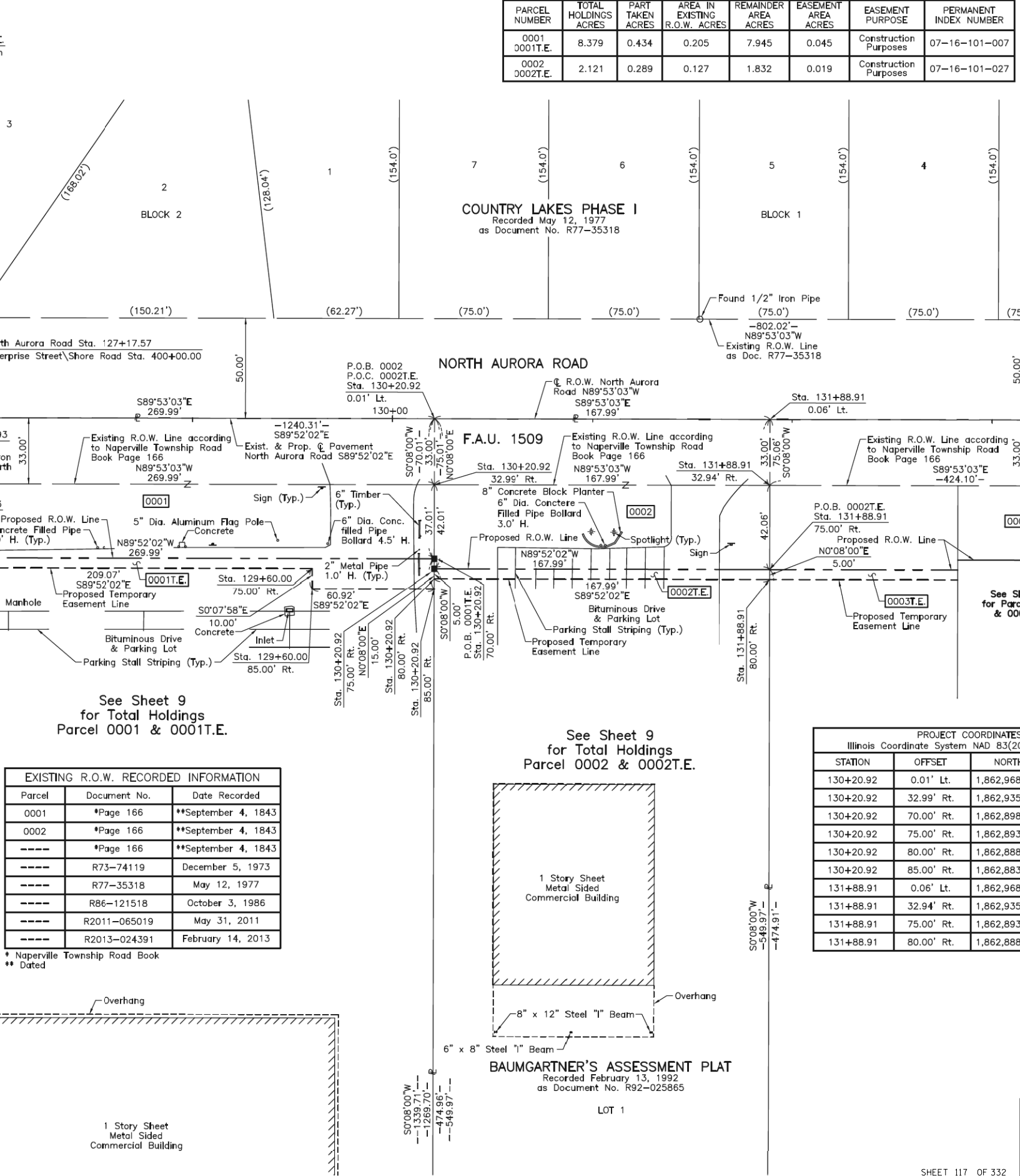
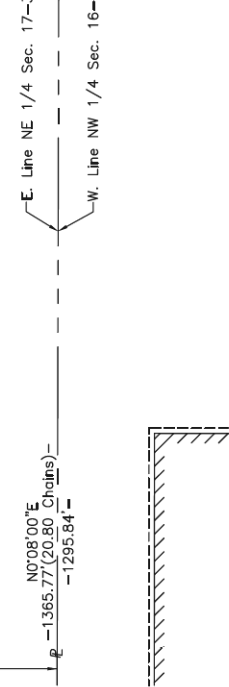
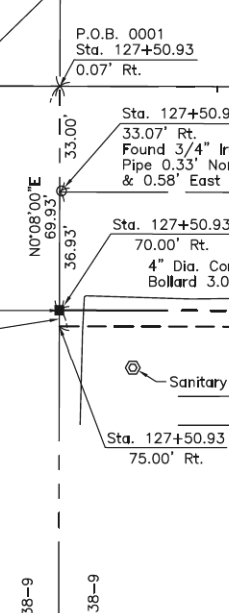
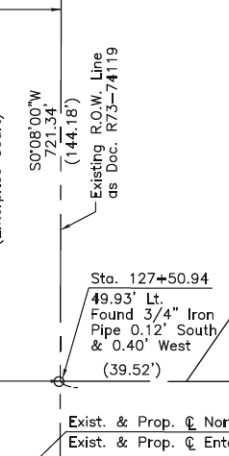
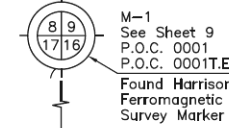
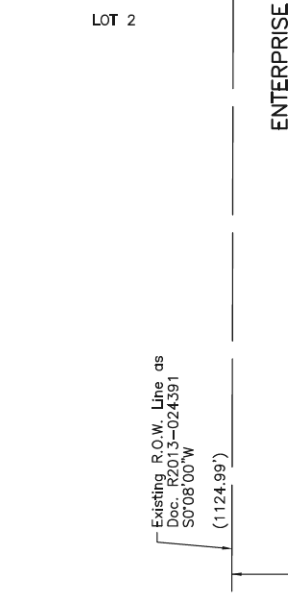
IDOT USE ONLY

PART OF THE NW 1/4 OF SEC. 16 AND PART OF THE NE 1/4 SEC. 17, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

NAPERVILLE CENTER FOR COMMERCE AND INDUSTRY UNIT NO. 10
Recorded October 6, 1989
as Document No. R89-125754



NAPERVILLE CENTER SOUTH
Recorded February 14, 2013
as Document No. R2013-024391



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0001 0001E.	8.379	0.434	0.205	7.945	0.045	Construction Purposes	07-16-101-007
0002 0002E.	2.121	0.289	0.127	1.832	0.019	Construction Purposes	07-16-101-027

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
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
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 16, TOWNSHIP 38N., RANGE 9E. AND SECTION 17, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

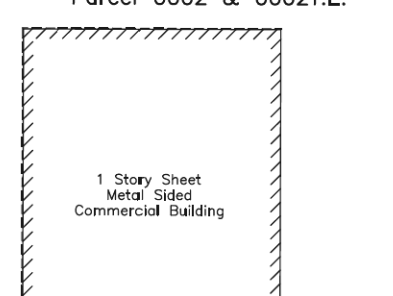
STATION	OFFSET	NORTH	EAST
126+70.92	0.01' Lt.	1,862,968.953	1,014,022.168
130+20.92	32.99' Rt.	1,862,935.955	1,014,022.091
126+84.96	49.93' Lt.	1,863,019.640	1,013,686.303
130+20.92	70.00' Rt.	1,862,898.940	1,014,022.005
127+50.93	0.07' Rt.	1,862,969.499	1,013,752.183
130+20.92	75.00' Rt.	1,862,893.940	1,014,021.993
127+50.93	33.07' Rt.	1,862,936.501	1,013,752.106
130+20.92	80.00' Rt.	1,862,888.940	1,014,021.982
127+50.93	70.00' Rt.	1,862,899.566	1,013,752.020
130+20.92	85.00' Rt.	1,862,883.940	1,014,021.970
127+50.93	75.00' Rt.	1,862,894.566	1,013,752.009
131+88.91	0.06' Lt.	1,862,968.613	1,014,190.159
127+50.94	49.93' Lt.	1,863,019.496	1,013,752.300
131+88.91	32.94' Rt.	1,862,935.615	1,014,190.082
129+60.00	75.00' Rt.	1,862,894.081	1,013,961.074
131+88.91	75.00' Rt.	1,862,893.550	1,014,189.984
129+60.00	85.00' Rt.	1,862,884.081	1,013,961.050

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0001	*Page 166	**September 4, 1843
0002	*Page 166	**September 4, 1843
----	*Page 166	**September 4, 1843
----	R73-74119	December 5, 1973
----	R77-35318	May 12, 1977
----	R86-121518	October 3, 1986
----	R2011-065019	May 31, 2011
----	R2013-024391	February 14, 2013

* Naperville Township Road Book
** Dated



PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

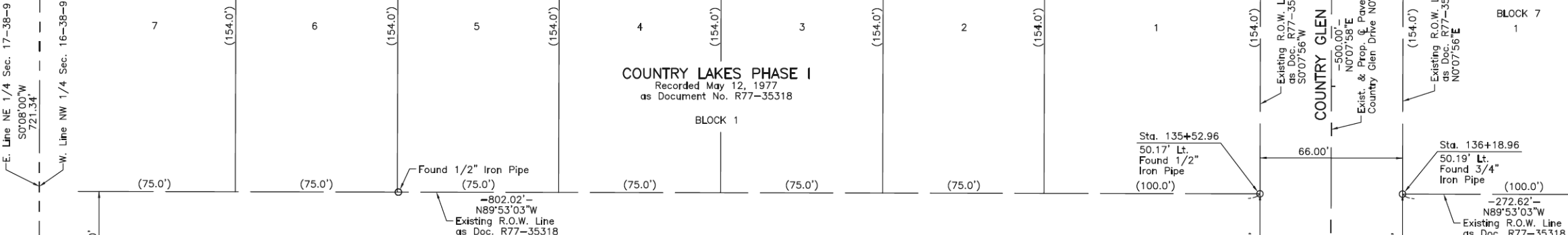
STATION	OFFSET	NORTH	EAST
130+20.92	0.01' Lt.	1,862,968.953	1,014,022.168
130+20.92	32.99' Rt.	1,862,935.955	1,014,022.091
126+84.96	49.93' Lt.	1,863,019.640	1,013,686.303
130+20.92	70.00' Rt.	1,862,898.940	1,014,022.005
127+50.93	0.07' Rt.	1,862,969.499	1,013,752.183
130+20.92	75.00' Rt.	1,862,893.940	1,014,021.993
127+50.93	33.07' Rt.	1,862,936.501	1,013,752.106
130+20.92	80.00' Rt.	1,862,888.940	1,014,021.982
127+50.93	70.00' Rt.	1,862,899.566	1,013,752.020
130+20.92	85.00' Rt.	1,862,883.940	1,014,021.970
127+50.93	75.00' Rt.	1,862,894.566	1,013,752.009
131+88.91	0.06' Lt.	1,862,968.613	1,014,190.159
127+50.94	49.93' Lt.	1,863,019.496	1,013,752.300
131+88.91	32.94' Rt.	1,862,935.615	1,014,190.082
129+60.00	75.00' Rt.	1,862,894.081	1,013,961.074
131+88.91	75.00' Rt.	1,862,893.550	1,014,189.984
129+60.00	85.00' Rt.	1,862,884.081	1,013,961.050

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE
SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 126+00 TO STATION 133+00
STATION 397+06.19 TO STATION 402+00
SCALE: 1"=30' SHEET 2 OF 10

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

PART OF THE NW 1/4 OF SEC. 16, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

M-1
See Sheet 9
P.O.C. 0003
P.O.C. 0003T.E.
Found Harrison
Ferromagnetic
Survey Marker



LEGEND

SECTION CORNER: 9 10 16 15
QUARTER SECTION CORNER: 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

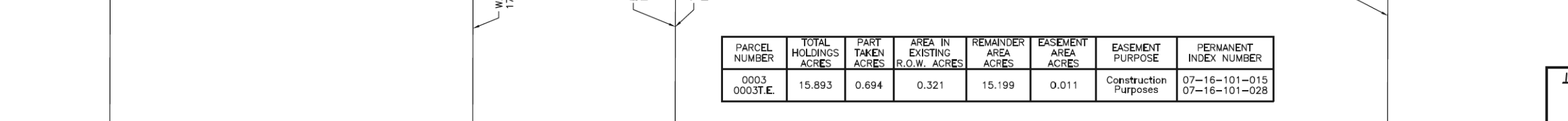
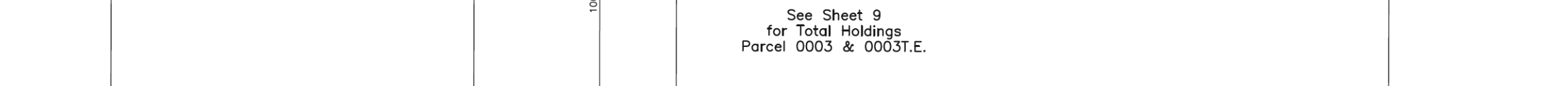
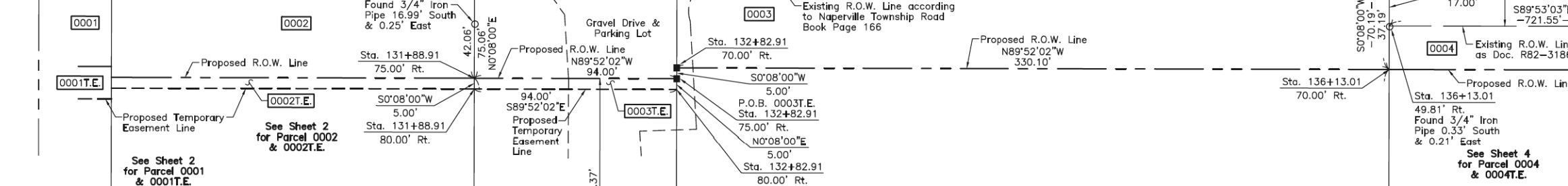
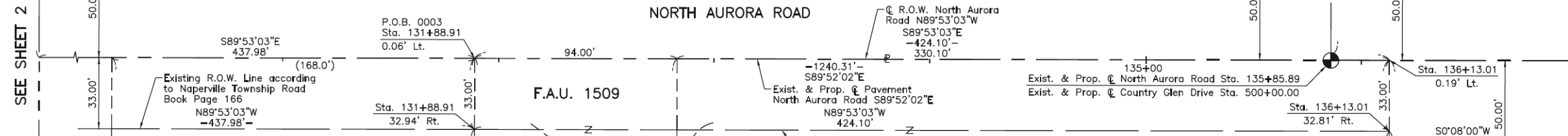
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

□ PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.



BAUMGARTNER'S ASSESSMENT PLAT
Recorded February 13, 1992
as Document No. R92-025865

LOT 1

Sheet Metal Sided Office Trailer

See Sheet 9
for Total Holdings
Parcel 0003 & 0003T.E.

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
136+13.01	32.81' Rt.	1,862,934.757	1,014,614.178
136+13.01	49.81' Rt.	1,862,917.758	1,014,614.139
136+13.01	70.00' Rt.	1,862,897.567	1,014,614.092
136+18.96	50.19' Lt.	1,863,017.740	1,014,620.319

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0003	*Page 166	**September 4, 1843
----	*Page 166	**September 4, 1843
----	R77-35318	May 12, 1977
----	R82-31860	July 23, 1982

* Naperville Township Road Book
** Dated

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0003 0003T.E.	15.893	0.694	0.321	15.199	0.011	Construction Purposes	07-16-101-015 07-16-101-028

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
131+88.91	0.06' Lt.	1,862,968.613	1,014,190.159
131+88.91	32.94' Rt.	1,862,935.615	1,014,190.082
131+88.91	75.00' Rt.	1,862,893.550	1,014,189.984
131+88.91	80.00' Rt.	1,862,888.550	1,014,189.972
132+82.91	70.00' Rt.	1,862,898.333	1,014,283.990
132+82.91	75.00' Rt.	1,862,893.333	1,014,283.979
132+82.91	80.00' Rt.	1,862,888.333	1,014,283.967
135+52.96	50.17' Lt.	1,863,017.874	1,014,554.323
136+13.01	0.19' Lt.	1,862,967.755	1,014,614.255

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE
SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 130+00 TO STATION 137+00
STATION 500+00.00 TO STATION 502+00
SCALE: 1"=30' SHEET 3 OF 10

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

REVISION DATE REVISION

SHEET 118 OF 332
CONTRACT NO. 61G19

IDOT USE ONLY

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0004 0004T.E.	19.894	0.335	N/A	19.559	0.012	Construction Purposes	07-16-101-023

Existing & Proposed Pavement Genesee Drive Curve #1

P.I. = Sta. 600+95.49
 Δ = 19°32'02"
 R.T.L. = 194.76'
 L.E. = 33.53'
 L. = 66.40'
 L. = 2.86'
 P.C. = Sta. 600+61.96
 P.C.C. = Sta. 601+28.36

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0004	R82-31860	July 23, 1982
-----	*Page 166	**September 4, 1843
-----	R77-35318	May 12, 1977
-----	R78-42974	May 18, 1978
-----	R1999-139179	June 23, 1999

* Naperville Township Road Book
 ** Dated

**NAPERVILLE PARK DISTRICT
 COUNTRY LAKES P.U.D.**
 Recorded August 14, 2003
 as Document No. R2003-318901

**THE ENCLAVE AT COUNTRY LAKES
 CONDOMINIUM 27TH AMENDMENT**
 Recorded December 6, 2002
 as Document No. R2002-338533

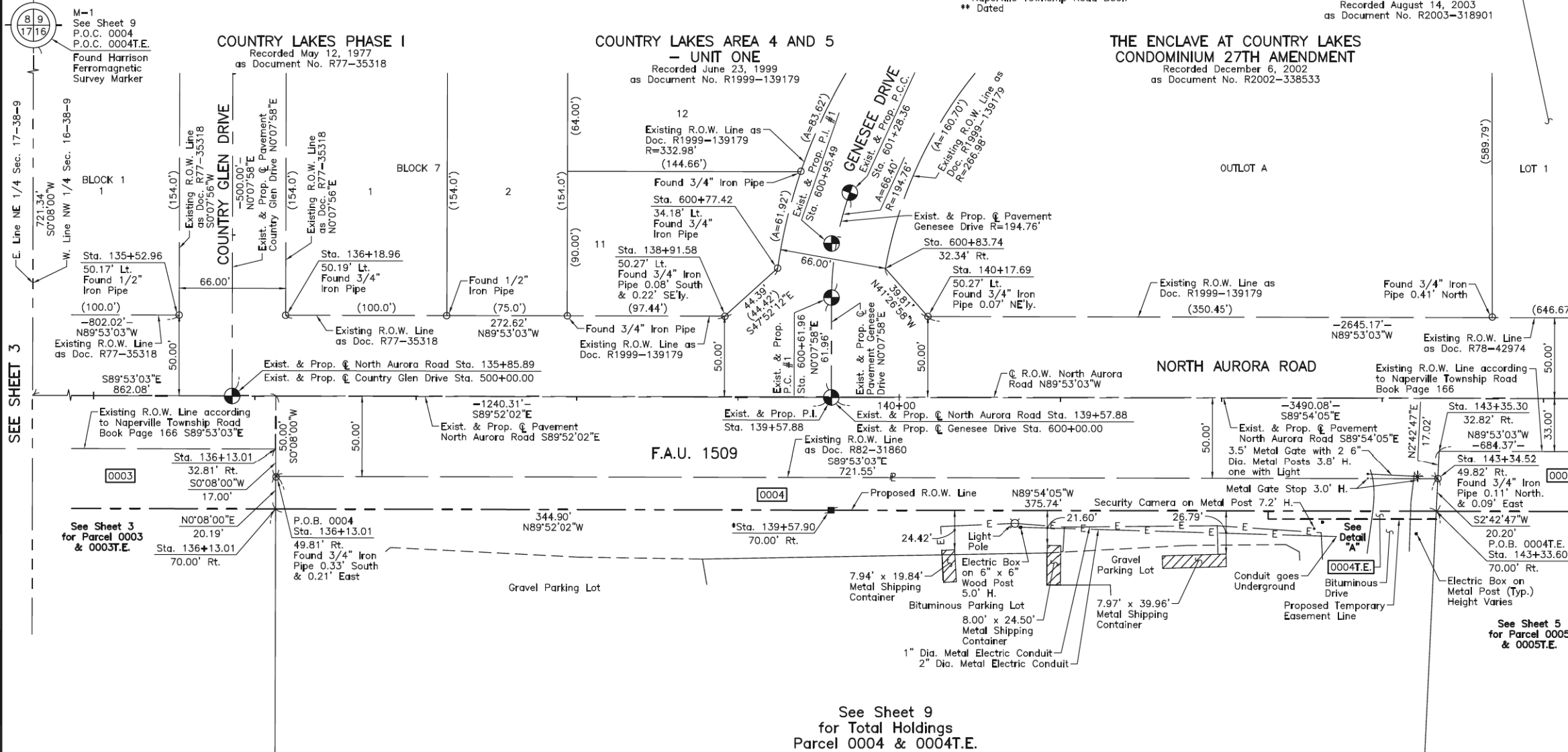
LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- 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
- RECORD DIMENSION
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

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

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

 PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

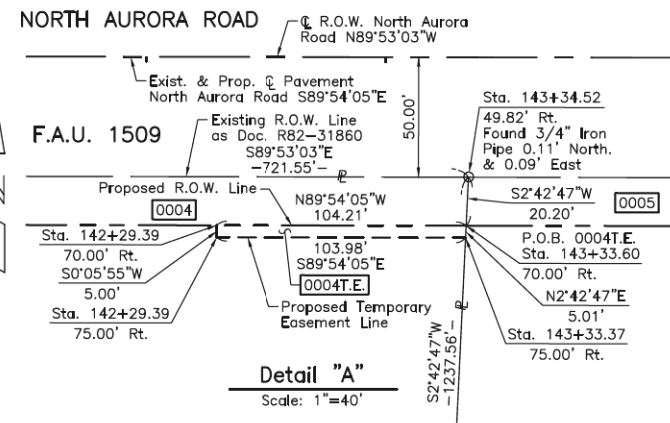
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464925

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
135+52.96	50.17' Lt.	1,863,017.874	1,014,554.323
136+13.01	32.81' Rt.	1,862,934.757	1,014,614.178
136+13.01	49.81' Rt.	1,862,917.758	1,014,614.139
136+13.01	70.00' Rt.	1,862,897.567	1,014,614.092
136+18.96	50.19' Lt.	1,863,017.740	1,014,620.319
138+91.58	50.27' Lt.	1,863,017.189	1,014,892.937
*139+57.90	70.00' Rt.	1,862,896.767	1,014,958.987

* Back Tangent Extended Forward

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
140+17.69	50.27' Lt.	1,863,016.934	1,015,019.023
142+29.39	70.00' Rt.	1,862,896.300	1,015,230.521
142+29.39	75.00' Rt.	1,862,891.300	1,015,230.512
143+33.37	75.00' Rt.	1,862,891.122	1,015,334.489
143+33.60	70.00' Rt.	1,862,896.121	1,015,334.726
143+34.52	49.82' Rt.	1,862,916.298	1,015,335.682
143+35.30	32.82' Rt.	1,862,933.296	1,015,336.488
600+77.42	34.18' Lt.	1,863,046.964	1,014,925.855
600+83.74	32.34' Rt.	1,863,046.772	1,014,992.671



See Sheet 9
 for Total Holdings
 Parcel 0004 & 0004T.E.

See Sheet 5
 for Parcel 0005
 & 0005T.E.

IDOT USE ONLY

**PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**
 F.A.U. 1509 (NORTH AURORA ROAD)
 LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
 COUNTY: DuPAGE
 SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
 STATION 135+00 TO STATION 144+00
 STATION 500+00.00 TO STATION 502+00
 STATION 600+00.00 TO STATION 601+28.36
 SCALE: 1"=40' SHEET 4 OF 10

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

PART OF THE NW 1/4 OF SEC. 16, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

M-1
See Sheet 9
P.O.C. 0005
P.O.C. 0005T.E.
Found Harrison
Ferromagnetic
Survey Marker

**THE ENCLAVE AT COUNTRY LAKES
CONDOMINIUM 27TH AMENDMENT**
Recorded December 6, 2002
as Document No. R2002-338533

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0005 0005T.E.	19.995	1.130	0.518	18.865	0.040	Construction Purposes	07-16-101-006

Parcel	Document No.	Date Recorded
0005	*Page 166	**September 4, 1843
----	R78-42974	May 18, 1978
----	R82-31860	July 23, 1982
----	R90-171947	December 18, 1990
----	R1999-139179	June 23, 1999

* Naperville Township Road Book
** Dated

**NAPERVILLE PARK DISTRICT
COUNTRY LAKES P.U.D.**
Recorded August 14, 2003
as Document No. R2003-318901

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

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

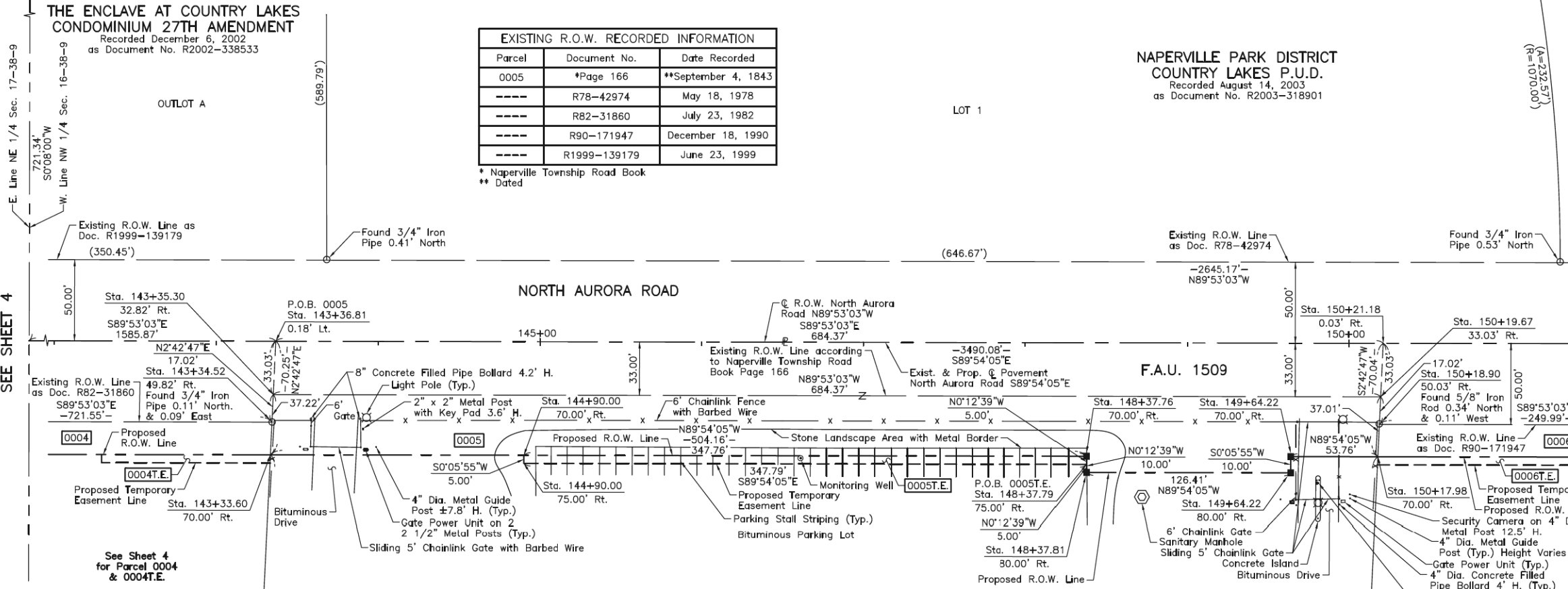
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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 STD 667101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

SCALE: 1"=40'



See Sheet 9
for Total Holdings
Parcel 0005 & 0005T.E.

See Sheet 6
for Parcel 0006
& 0006T.E.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
149+64.22	70.00' Rt.	1,862,895.036	1,015,965.347
149+64.22	80.00' Rt.	1,862,885.036	1,015,965.330
150+17.98	70.00' Rt.	1,862,894.944	1,016,019.108
150+18.90	50.03' Rt.	1,862,914.914	1,016,020.054
150+19.67	33.03' Rt.	1,862,931.912	1,016,020.860
150+21.18	0.03' Rt.	1,862,964.907	1,016,022.424

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
143+33.60	70.00' Rt.	1,862,896.121	1,015,334.726
143+34.52	49.82' Rt.	1,862,916.298	1,015,335.682
143+35.30	32.82' Rt.	1,862,933.296	1,015,336.488
143+36.81	0.18' Lt.	1,862,966.291	1,015,338.052
144+90.00	70.00' Rt.	1,862,895.852	1,015,491.124
144+90.00	75.00' Rt.	1,862,890.852	1,015,491.115
148+37.76	70.00' Rt.	1,862,895.254	1,015,838.886
148+37.76	75.00' Rt.	1,862,890.254	1,015,838.904
148+37.81	80.00' Rt.	1,862,885.254	1,015,838.923

OWENS - CONNELL RESUBDIVISION
Recorded December 18, 1990
as Document No. R90-171947

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE
SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 142+00 TO STATION 152+00
SCALE: 1"=40' SHEET 5 OF 10

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

SEE SHEET 4

SEE SHEET 6

REVISION DATE REVISION

SHEET 120 OF 332
CONTRACT NO. 61G19

PART OF THE NORTH 1/2 OF SEC. 16, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0006 0006T.E.	2.180	0.115	N/A	2.065	0.028	Construction Purposes	07-16-101-025
0007	1.055	0.082	N/A	0.973	N/A	N/A	07-16-206-001 through 07-16-206-006

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
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
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

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

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

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 STD 667101-02 (TO BE SET BY OTHERS)

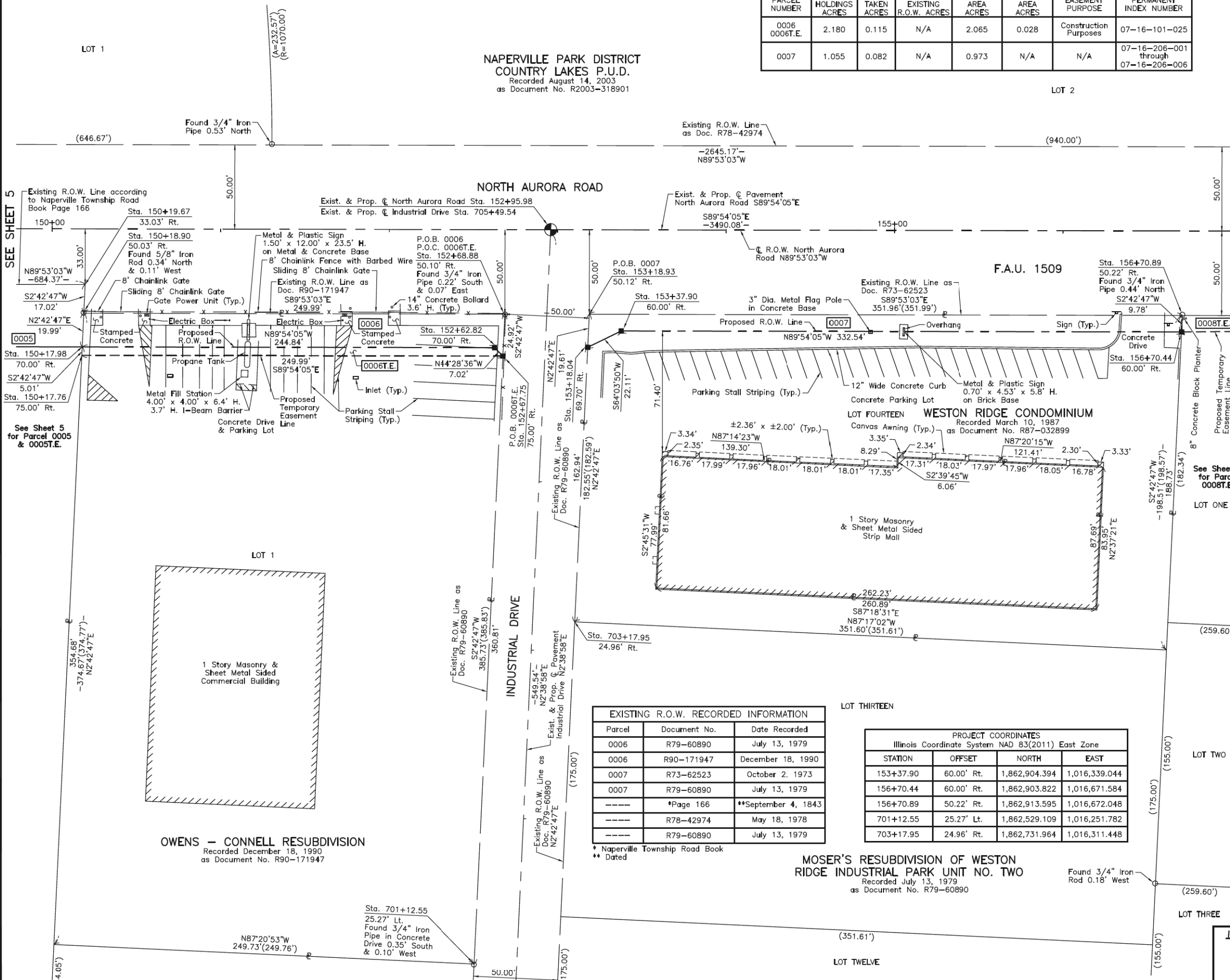
RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not shown.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464926

**NAPERVILLE PARK DISTRICT
COUNTRY LAKES P.U.D.**
Recorded August 14, 2003
as Document No. R2003-318901



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0006	R79-60890	July 13, 1979
0006	R90-171947	December 18, 1990
0007	R73-62523	October 2, 1973
0007	R79-60890	July 13, 1979
----	*Page 166	**September 4, 1843
----	R78-42974	May 18, 1978
----	R79-60890	July 13, 1979

* Naperville Township Road Book
** Dated

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
153+37.90	60.00' Rt.	1,862,904.394	1,016,339.044
156+70.44	60.00' Rt.	1,862,903.822	1,016,671.584
156+70.89	50.22' Rt.	1,862,913.595	1,016,672.048
701+12.55	25.27' Lt.	1,862,529.109	1,016,251.782
703+17.95	24.96' Rt.	1,862,731.964	1,016,311.448

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
150+17.76	75.00' Rt.	1,862,889.944	1,016,018.871
150+17.98	70.00' Rt.	1,862,894.944	1,016,019.108
150+18.90	50.03' Rt.	1,862,914.914	1,016,020.054
150+19.67	33.03' Rt.	1,862,931.912	1,016,020.860
152+62.82	70.00' Rt.	1,862,894.523	1,016,263.943
152+67.75	75.00' Rt.	1,862,889.514	1,016,268.861
152+68.88	50.10' Rt.	1,862,914.408	1,016,270.040
153+18.04	69.70' Rt.	1,862,894.724	1,016,319.161
153+18.93	50.12' Rt.	1,862,914.307	1,016,320.089

OWENS - CONNELL RESUBDIVISION
Recorded December 18, 1990
as Document No. R90-171947

**MOSER'S RESUBDIVISION OF WESTON
RIDGE INDUSTRIAL PARK UNIT NO. TWO**
Recorded July 13, 1979
as Document No. R79-60890

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE
SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 150+00 TO STATION 157+00
STATION 701+00 TO STATION 705+49.54
SCALE: 1"=30' SHEET 6 OF 10

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

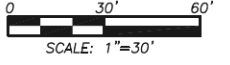
PART OF THE NE 1/4 OF SEC. 16, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

NAPERVILLE PARK DISTRICT
COUNTRY LAKES P.U.D.
Recorded August 14, 2003
as Document No. R2003-318901

BRISTOL STATION
Recorded October 15, 2001
as Document No. R2001-220485

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- 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
- RECORD DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- 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 STD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464925

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
156+70.44	60.00' Rt.	1,862,903.822	1,016,671.584
156+70.89	50.22' Rt.	1,862,913.595	1,016,672.048
157+79.29	50.26' Rt.	1,862,913.376	1,016,780.446
158+76.21	57.80' Rt.	1,862,905.665	1,016,877.356
159+05.22	57.80' Rt.	1,862,905.616	1,016,906.363
159+25.11	65.07' Rt.	1,862,898.312	1,016,926.240
159+30.74	50.30' Rt.	1,862,913.070	1,016,931.894
159+88.79	50.32' Rt.	1,862,912.952	1,016,989.950
162+21.87	50.39' Rt.	1,862,912.481	1,017,223.026

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE
SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 156+00 TO STATION 163+00
SCALE: 1"=30' SHEET 7 OF 10
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

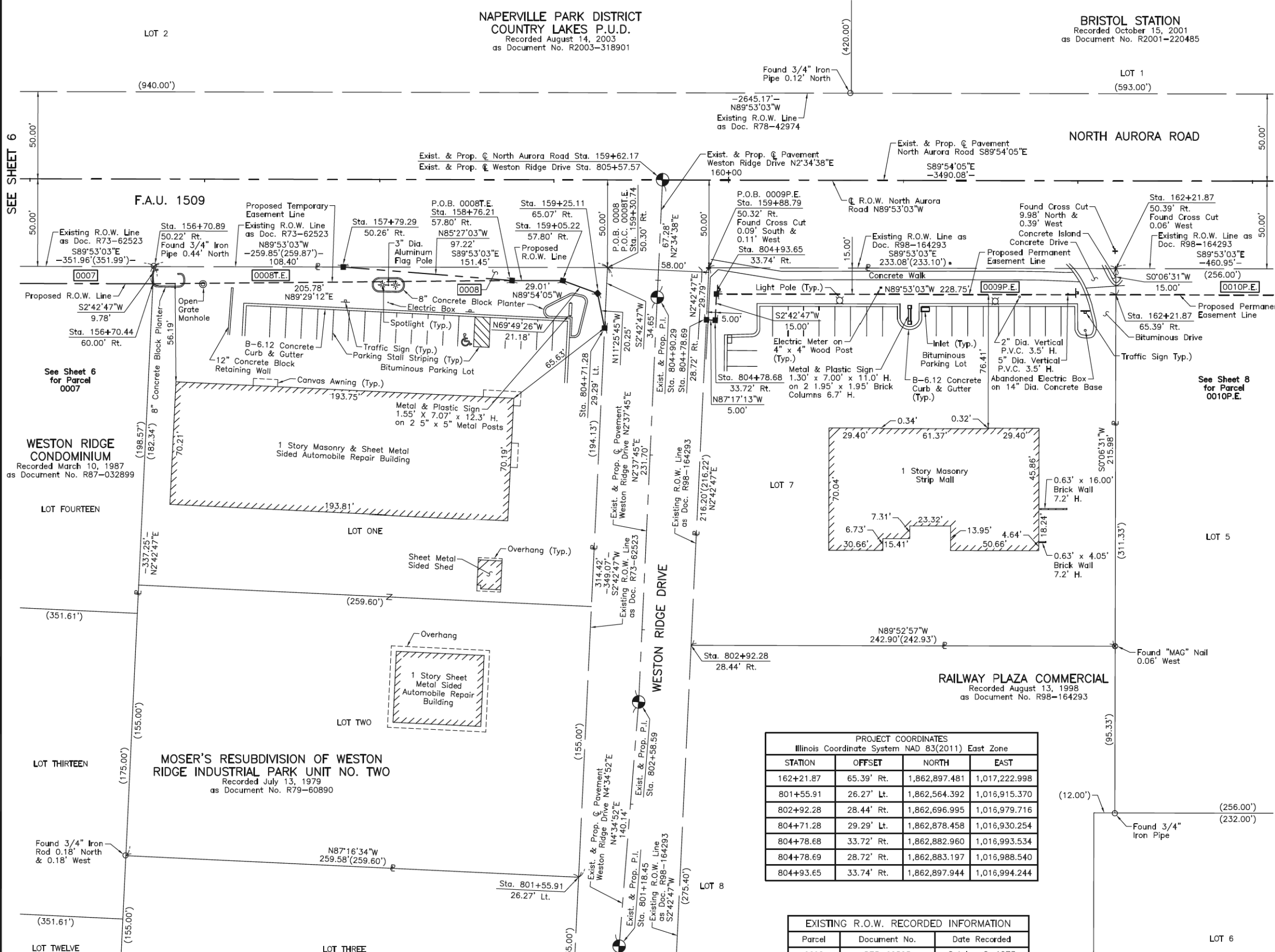
PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
162+21.87	65.39' Rt.	1,862,897.481	1,017,222.998
801+55.91	26.27' Lt.	1,862,564.392	1,016,915.370
802+92.28	28.44' Rt.	1,862,696.995	1,016,979.716
804+71.28	29.29' Lt.	1,862,878.458	1,016,930.254
804+78.68	33.72' Rt.	1,862,882.960	1,016,993.534
804+78.69	28.72' Rt.	1,862,883.197	1,016,988.540
804+93.65	33.74' Rt.	1,862,897.944	1,016,994.244

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0008	R73-62523	October 2, 1973
0009	R98-164293	August 13, 1998
----	R78-42974	May 18, 1978
----	R73-62523	October 2, 1973
----	R98-164293	August 13, 1998

REVISION DATE REVISION

SHEET 122 OF 332
CONTRACT NO. 61G19

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0008 0008T.E.	2.045	0.021	N/A	2.024	0.032	Grading	07-16-203-014 07-16-203-015
0009P.E.	1.180	N/A	N/A	1.180	0.082	Bikeway Purposes	07-16-201-013



WESTON RIDGE CONDOMINIUM
Recorded March 10, 1987
as Document No. R87-032899

MOSER'S RESUBDIVISION OF WESTON RIDGE INDUSTRIAL PARK UNIT NO. TWO
Recorded July 13, 1979
as Document No. R79-60890

SEE SHEET 6

SEE SHEET 8

See Sheet 6 for Parcel 0007

See Sheet 8 for Parcel 0010P.E.

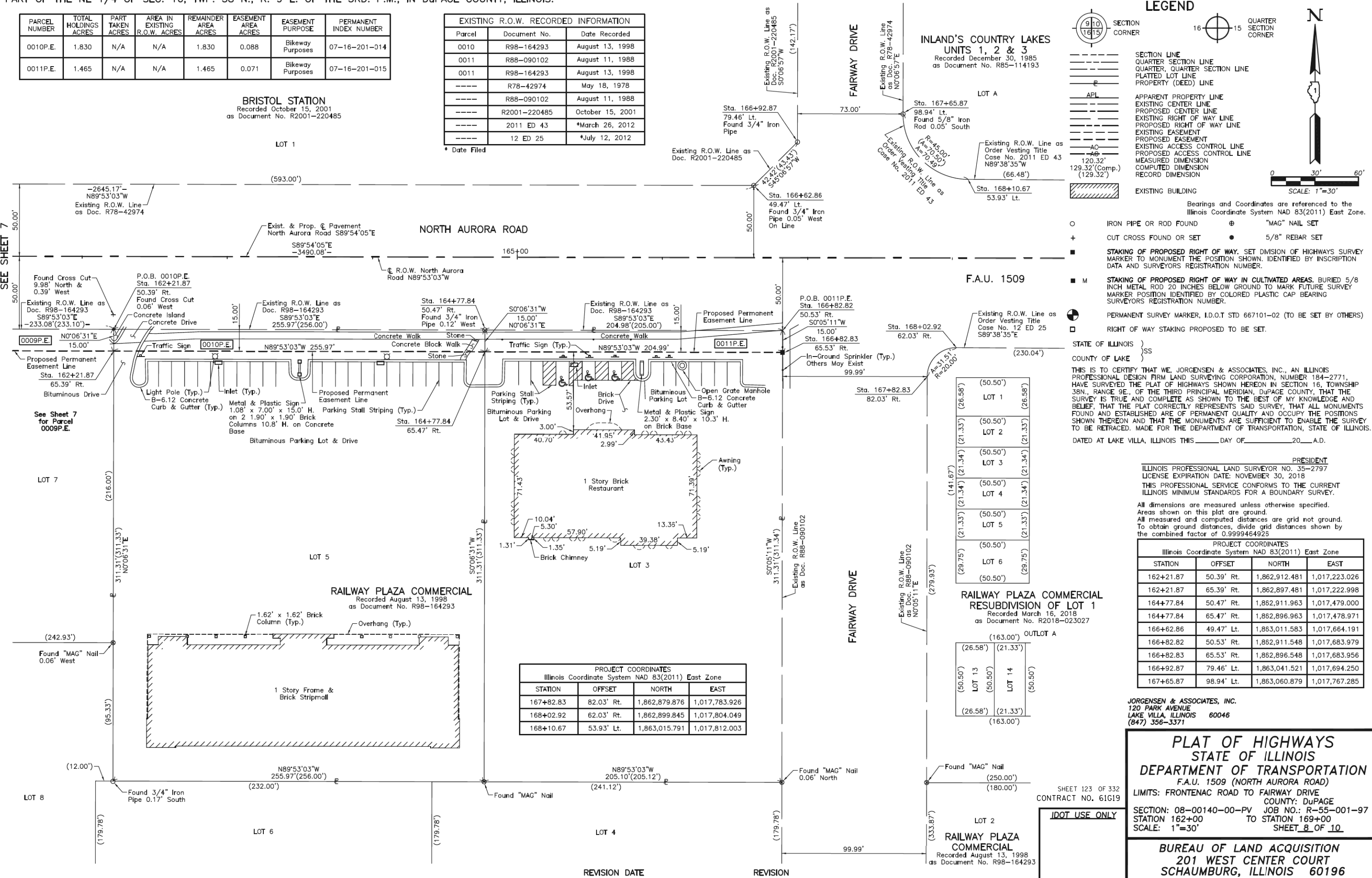
PART OF THE NE 1/4 OF SEC. 16, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0010P.E.	1.830	N/A	N/A	1.830	0.088	Bikeway Purposes	07-16-201-014
0011P.E.	1.465	N/A	N/A	1.465	0.071	Bikeway Purposes	07-16-201-015

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0010	R98-164293	August 13, 1998
0011	R88-090102	August 11, 1988
0011	R98-164293	August 13, 1998
----	R78-42974	May 18, 1978
----	R88-090102	August 11, 1988
----	R2001-220485	October 15, 2001
----	2011 ED 43	*March 26, 2012
----	12 ED 25	*July 12, 2012

BRISTOL STATION
Recorded October 15, 2001
as Document No. R2001-220485

LOT 1



LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464925

INLAND'S COUNTRY LAKES
UNITS 1, 2 & 3
Recorded December 30, 1985
as Document No. R85-114193

F.A.U. 1509

RAILWAY PLAZA COMMERCIAL
RESUBDIVISION OF LOT 1
Recorded March 16, 2018
as Document No. R2018-023027

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
167+82.83	82.03' Rt.	1,862,879.876	1,017,783.926
168+02.92	62.03' Rt.	1,862,899.845	1,017,804.049
168+10.67	53.93' Lt.	1,863,015.791	1,017,812.003

PROJECT COORDINATES			
Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
162+21.87	50.39' Rt.	1,862,912.481	1,017,223.026
162+21.87	65.39' Rt.	1,862,897.481	1,017,222.998
164+77.84	50.47' Rt.	1,862,911.963	1,017,479.000
164+77.84	65.47' Rt.	1,862,896.963	1,017,478.971
166+62.86	49.47' Lt.	1,863,011.583	1,017,664.191
166+82.82	50.53' Rt.	1,862,911.548	1,017,683.979
166+82.83	65.53' Rt.	1,862,896.548	1,017,683.956
166+92.87	79.46' Lt.	1,863,041.521	1,017,694.250
167+65.87	98.94' Lt.	1,863,060.879	1,017,767.285

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1509 (NORTH AURORA ROAD)
LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
COUNTY: DuPAGE

SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
STATION 162+00 TO STATION 169+00
SCALE: 1"=30' SHEET 8 OF 10

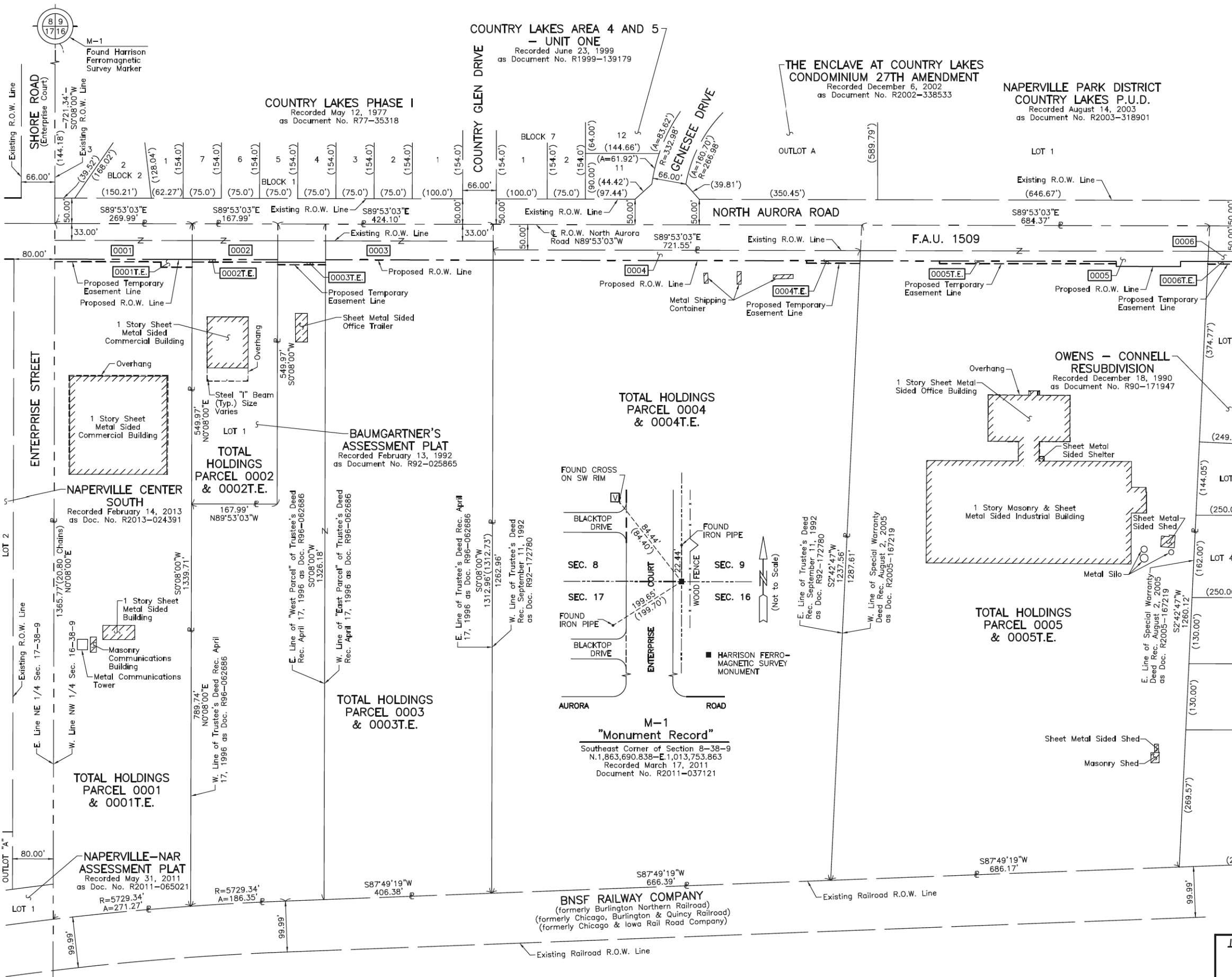
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

SHEET 123 OF 332
CONTRACT NO. 61G19

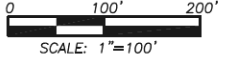
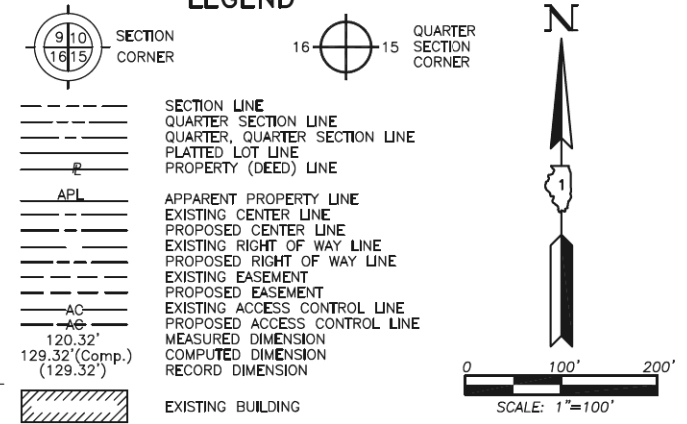
DOT USE ONLY

REVISION DATE REVISION

PART OF THE NW 1/4 OF SEC. 16 AND PART OF THE NE 1/4 SEC. 17, TWP. 38 N., R. 9 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.



LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 16, TOWNSHIP 38N., AND SECTION 17, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464926

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1509 (NORTH AURORA ROAD)
 LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
 COUNTY: DuPAGE
 SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 9 OF 10

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

REVISION DATE REVISION

SHEET 124 OF 332
 CONTRACT NO. 61G19

PROJECT COORDINATES		
Illinois Coordinate System NAD 83(2011) East Zone		
STATION	NORTH	EAST
104+80.14	1,862,974.074	1,011,481.392
117+85.00	1,862,971.490	1,012,786.250
127+17.57	1,862,969.643	1,013,718.818
135+85.89	1,862,967.630	1,014,587.136
139+57.88	1,862,966.767	1,014,959.128
152+95.98	1,862,964.466	1,016,297.223
159+62.17	1,862,963.320	1,016,963.410
167+50.17	1,862,961.964	1,017,751.410
174+47.96	1,862,960.764	1,018,449.198
397+06.19	1,862,675.830	1,013,718.070
398+82.50	1,862,852.143	1,013,718.519
400+00.00	1,862,969.643	1,013,718.818
404+21.64	1,863,391.282	1,013,719.527
405+35.24	1,863,504.877	1,013,719.718
500+00.00	1,862,967.630	1,014,587.136
501+25.50	1,863,093.129	1,014,587.427
505+00.00	1,863,467.628	1,014,588.295

PROJECT COORDINATES		
Illinois Coordinate System NAD 83(2011) East Zone		
STATION	NORTH	EAST
600+00.00	1,862,966.767	1,014,959.128
600+61.96	1,863,028.730	1,014,959.272
600+75.00	1,863,041.756	1,014,959.738
600+95.49	1,863,062.256	1,014,959.350
601+28.36	1,863,093.826	1,014,970.632
700+00.00	1,862,415.510	1,016,271.820
704+10.00	1,862,825.072	1,016,290.773
705+49.54	1,862,964.466	1,016,297.223
800+00.00	1,862,406.645	1,016,932.774
801+18.45	1,862,524.958	1,016,938.563
802+58.59	1,862,664.648	1,016,949.756
804+61.78	1,862,867.622	1,016,959.077
804+90.29	1,862,896.106	1,016,960.385
805+57.57	1,862,963.320	1,016,963.410

LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 120.32' MEASURED DIMENSION
 129.32'(Comp.) COMPUTED DIMENSION
 (129.32') RECORD DIMENSION
 EXISTING BUILDING
 SCALE: 1"=200'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

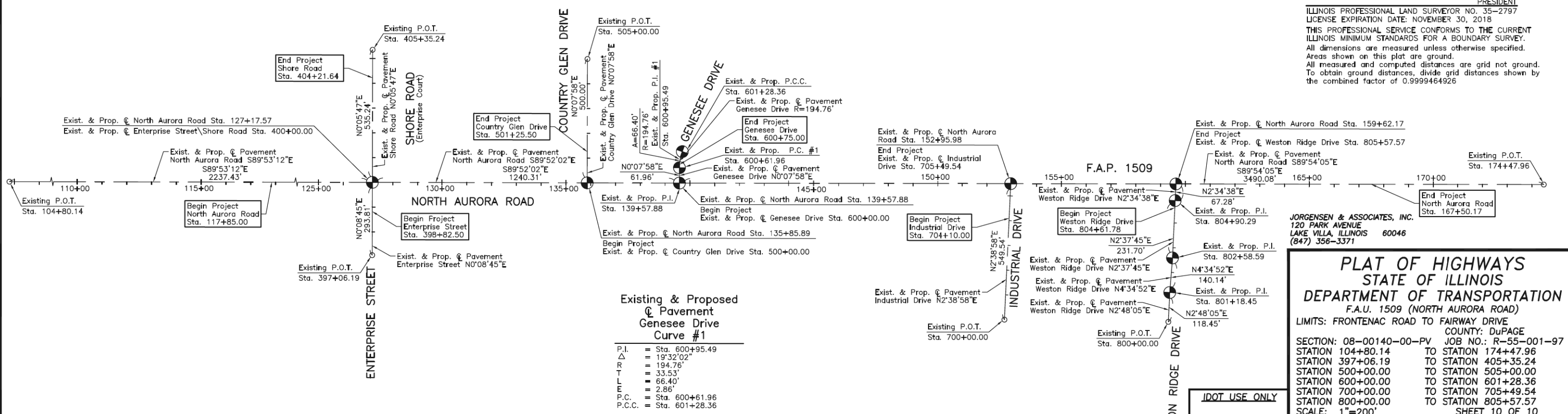
○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 16, TOWNSHIP 38N., RANGE 9. AND SECTION 17, TOWNSHIP 38N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999464926



Existing & Proposed Pavement Genesee Drive Curve #1

P.I.	=	Sta. 600+95.49
Δ	=	19°32'02"
R	=	194.76'
T	=	33.53'
L	=	66.40'
E	=	2.86'
P.C.	=	Sta. 600+61.96
P.C.C.	=	Sta. 601+28.36

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1509 (NORTH AURORA ROAD)
 LIMITS: FRONTENAC ROAD TO FAIRWAY DRIVE
 COUNTY: DuPAGE
 SECTION: 08-00140-00-PV JOB NO.: R-55-001-97
 STATION 104+80.14 TO STATION 174+47.96
 STATION 397+06.19 TO STATION 405+35.24
 STATION 500+00.00 TO STATION 505+00.00
 STATION 600+00.00 TO STATION 601+28.36
 STATION 700+00.00 TO STATION 705+49.54
 STATION 800+00.00 TO STATION 805+57.57
 SCALE: 1"=200' SHEET 10 OF 10

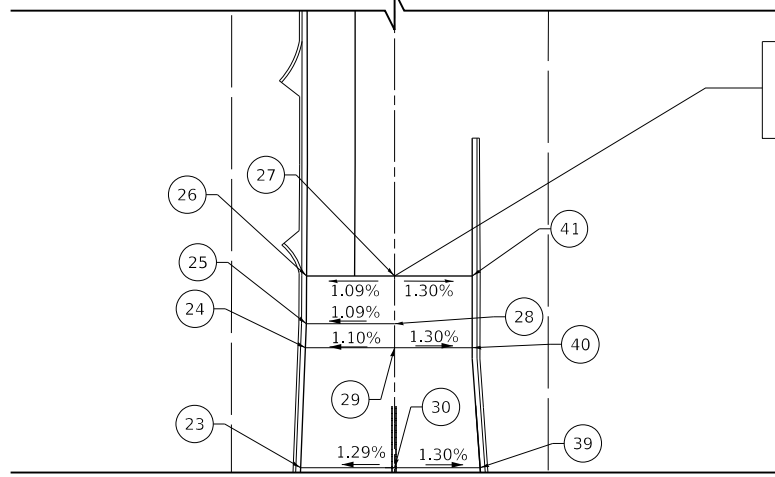
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	
	NO.	

FILE NAME = 090193-IPP-01

FRONTENAC ROAD



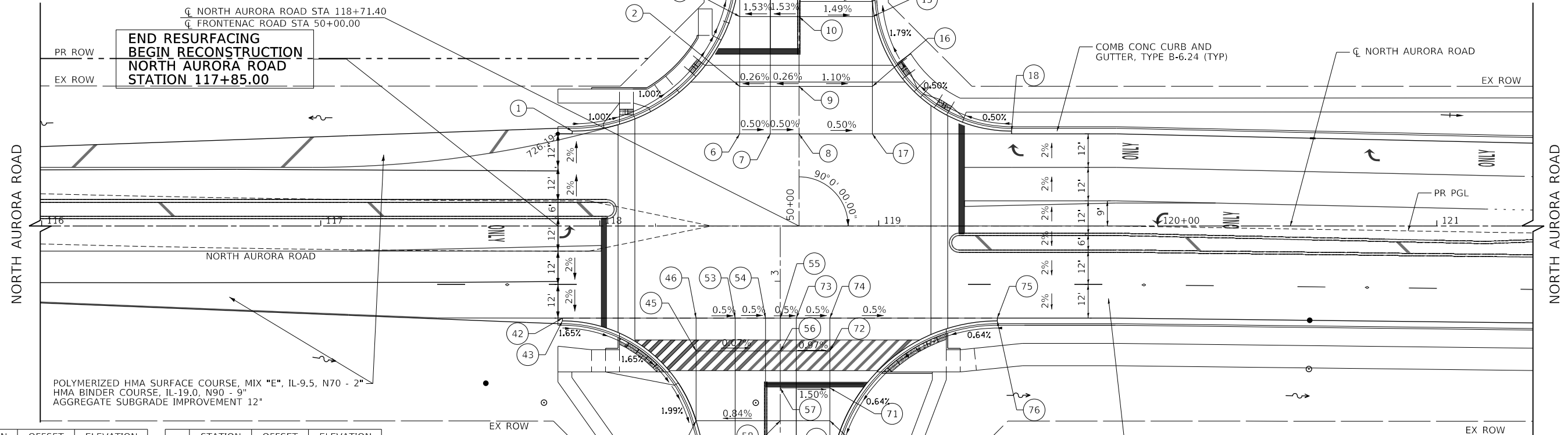
SEE RIGHT
MATCH LINE STA. 52+00.00

SEE LEFT
MATCH LINE STA. 52+00.00

STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
1	117+90.1	34.0' LT	726.29	17	118+97.7	33.0' LT	725.78
2	50+50.0	21.2' LT	725.60	18	119+47.6	34.0' LT	725.51
3	50+75.0	21.2' LT	724.96	19	50+25.0	21.2' LT	724.41
4	50+94.0	21.2' LT	724.61	20	51+50.0	21.2' LT	724.26
5	51+00.0	21.2' LT	724.60	21	51+56.9	21.2' LT	724.23
6	118+50.2	33.0' LT	726.01	22	51+75.0	20.5' LT	724.22
7	118+61.1	33.0' LT	725.96	23	52+00.0	19.5' LT	724.16
8	118+71.4	33.0' LT	725.91	24	52+25.0	18.5' LT	724.13
9	50+50.0	0.0' LT	725.66	25	52+30.0	18.3' LT	724.11
10	50+75.0	0.0' LT	725.28	26	52+40.0	18.3' LT	724.09
11	50+80.5	0.0' LT	725.21	27	52+40.0	0.0' LT	724.29
12	50+94.0	0.0' LT	725.03	28	52+30.0	0.0' LT	724.32
13	51+00.0	0.0' LT	724.96	29	52+25.0	0.0' LT	724.33
14	50+80.5	26.3' RT	724.81	30	52+00.0	0.0' LT	724.41
15	50+75.0	26.3' RT	724.89	31	51+75.0	0.0' LT	724.49
16	50+50.0	26.3' RT	725.37	32	51+56.9	0.0' LT	724.55

STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
33	51+50.0	0.0' LT	724.58	39	52+00.0	17.8' RT	724.19
34	51+25.0	0.0' LT	724.73	40	52+25.0	16.2' RT	724.13
35	51+00.0	24.9' RT	724.59	41	52+40.0	16.2' RT	724.08
36	51+25.0	23.1' RT	724.39				
37	51+50.0	21.4' RT	724.28				
38	51+75.0	19.6' RT	724.23				

END RESURFACING
BEGIN RECONSTRUCTION
NORTH AURORA ROAD
STATION 117+85.00



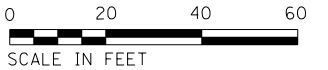
STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
42	117+86.6	33.0' RT	726.33	58	2+50.0	0.0' LT	725.45
43	117+86.6	34.0' RT	726.31	59	2+31.8	0.0' LT	725.26
44	2+50.0	30.2' LT	725.20	60	2+25.0	0.0' LT	725.20
45	2+75.0	30.2' LT	725.79	61	2+23.0	0.0' LT	725.19
46	118+34.5	33.0' RT	726.09	62	2+00.0	0.0' LT	725.02
47	1+53.0	16.1' LT	724.72	63	1+75.0	0.0' LT	724.88
48	1+75.0	16.1' LT	724.78	64	1+53.0	0.0' LT	724.76
49	2+00.0	16.1' LT	724.84	65	1+53.0	17.8' RT	724.70
50	2+23.0	16.1' LT	724.95	66	1+75.0	17.8' RT	724.75
51	2+25.0	16.1' LT	724.96	67	2+00.0	17.8' RT	724.82
52	2+31.8	16.1' LT	725.02	68	2+23.0	17.8' RT	724.92
53	118+48.5	33.0' RT	726.02	69	2+25.0	17.8' RT	724.93
54	118+59.4	33.0' RT	725.97	70	2+50.0	17.8' RT	725.18
55	118+64.7	33.0' RT	725.94	71	2+61.8	17.8' RT	725.32
56	2+75.0	0.0' LT	725.77	72	2+75.0	17.8' RT	725.60
57	2+61.8	0.0' LT	725.59	73	118+70.4	33.0' RT	725.91

STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
74	118+82.5	33.0' RT	725.85	80	2+50.0	17.8' RT	725.18
75	119+42.5	33.0' RT	725.55	81	2+61.8	17.8' RT	725.32
76	119+42.5	34.0' RT	725.54	82	2+75.0	17.8' RT	725.60

STATION	OFFSET	ELEVATION	
74	118+82.5	33.0' RT	725.85
75	119+42.5	33.0' RT	725.55
76	119+42.5	34.0' RT	725.54

2-CENTERED CURVE
R=50'-340'-12" OFFSET

FRONTENAC COURT



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50' SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

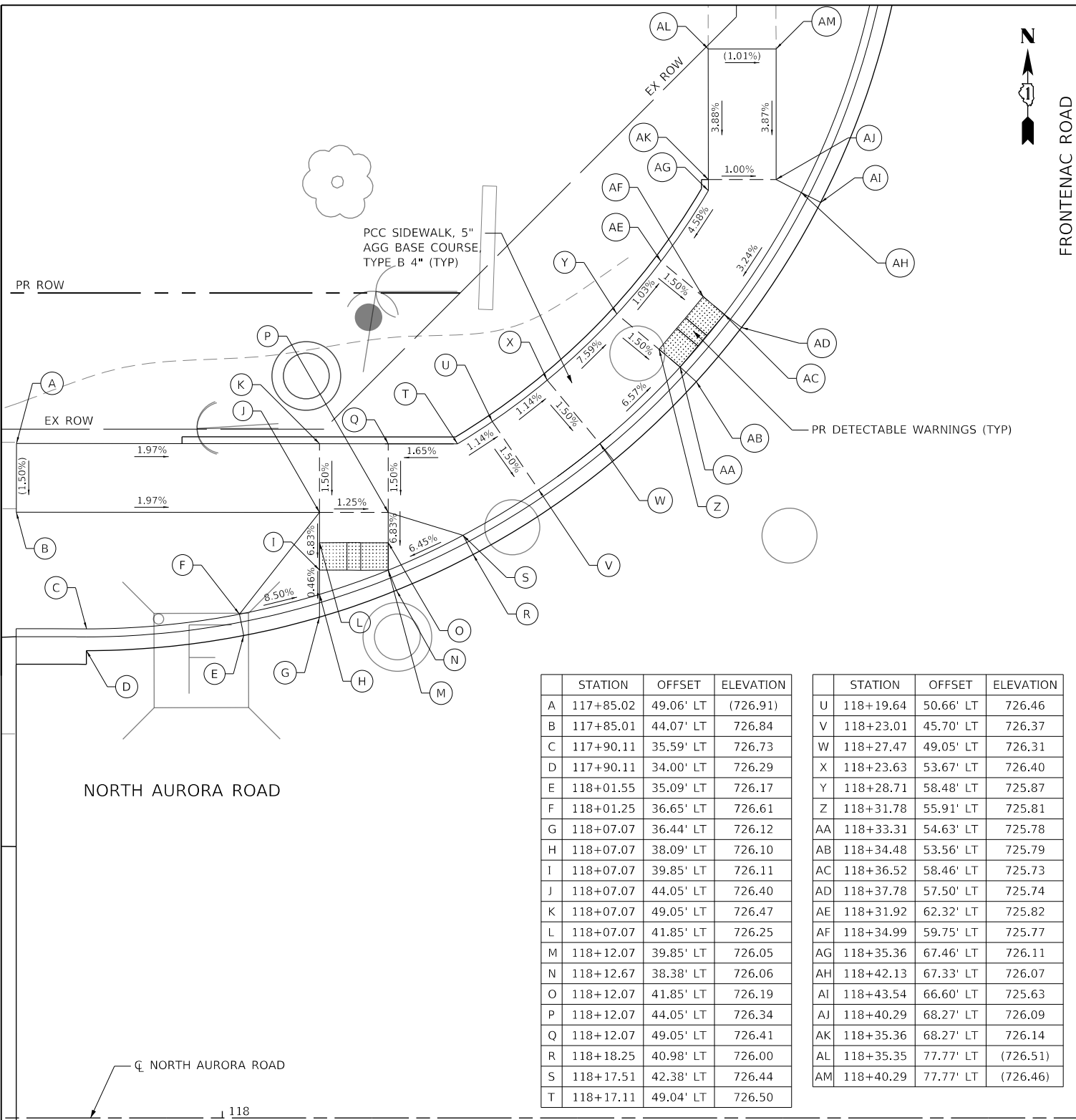
NORTH AURORA ROAD AT FRONTENAC ROAD
INTERSECTION PAVING PLAN

SCALE: 1"=20' SHEET 1 OF 17 SHEETS STA. 116+00.00 TO STA. 121+00.00

F.A.U. RTE. 1509	SECTION 08-00140-00-PV	COUNTY DuPage	TOTAL SHEETS 332	SHEET NO. 126
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

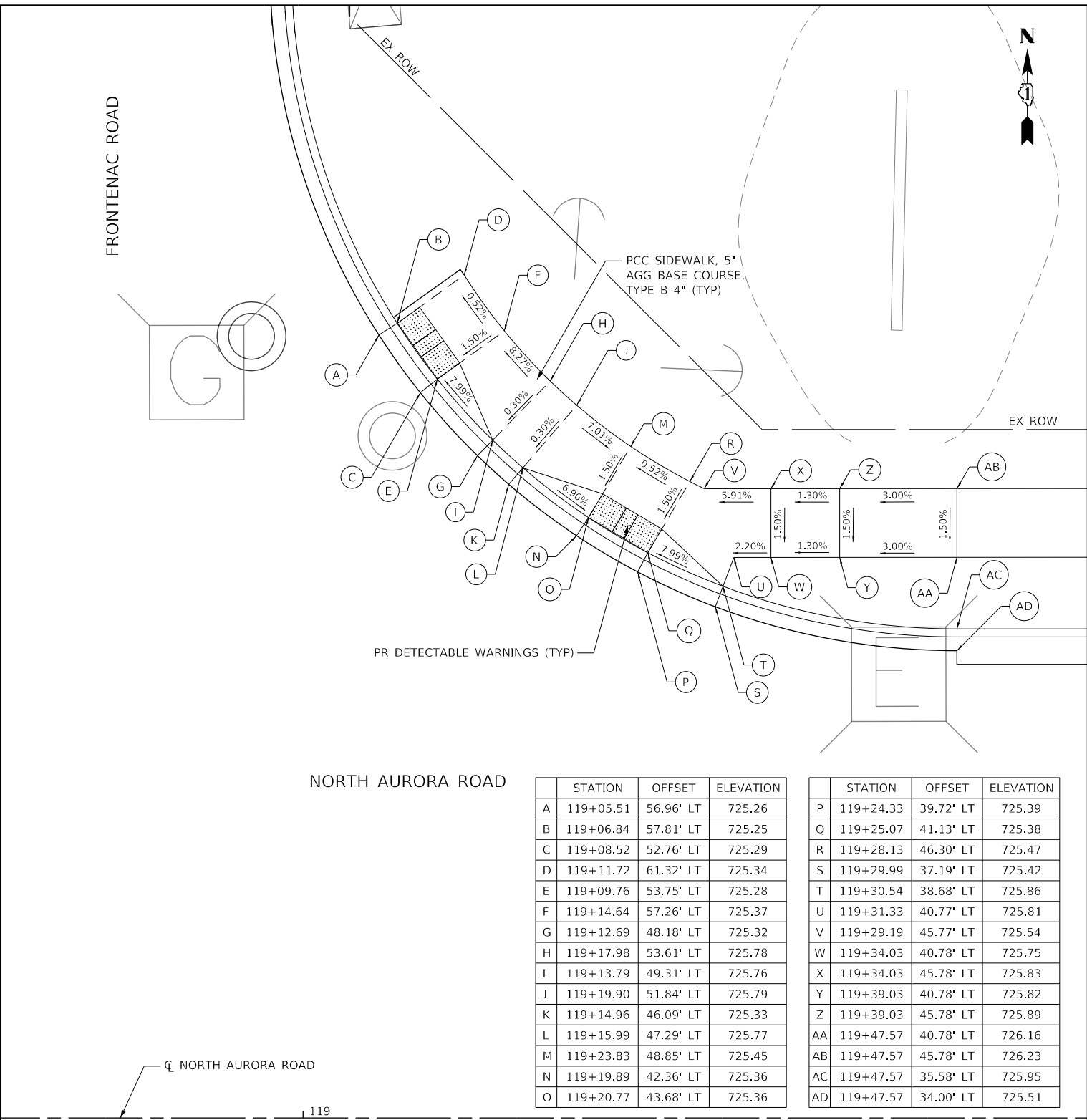
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO. _____	
	FILE NAME _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE	
	NOTATIS CHKD	
	NO. _____	
	FILE NAME _____	



STATION	OFFSET	ELEVATION
A	117+85.02	49.06' LT (726.91)
B	117+85.01	44.07' LT 726.84
C	117+90.11	35.59' LT 726.73
D	117+90.11	34.00' LT 726.29
E	118+01.55	35.09' LT 726.17
F	118+01.25	36.65' LT 726.61
G	118+07.07	36.44' LT 726.12
H	118+07.07	38.09' LT 726.10
I	118+07.07	39.85' LT 726.11
J	118+07.07	44.05' LT 726.40
K	118+07.07	49.05' LT 726.47
L	118+07.07	41.85' LT 726.25
M	118+12.07	39.85' LT 726.05
N	118+12.67	38.38' LT 726.06
O	118+12.07	41.85' LT 726.19
P	118+12.07	44.05' LT 726.34
Q	118+12.07	49.05' LT 726.41
R	118+18.25	40.98' LT 726.00
S	118+17.51	42.38' LT 726.44
T	118+17.11	49.04' LT 726.50

STATION	OFFSET	ELEVATION
U	118+19.64	50.66' LT 726.46
V	118+23.01	45.70' LT 726.37
W	118+27.47	49.05' LT 726.31
X	118+23.63	53.67' LT 726.40
Y	118+28.71	58.48' LT 725.87
Z	118+31.78	55.91' LT 725.81
AA	118+33.31	54.63' LT 725.78
AB	118+34.48	53.56' LT 725.79
AC	118+36.52	58.46' LT 725.73
AD	118+37.78	57.50' LT 725.74
AE	118+31.92	62.32' LT 725.82
AF	118+34.99	59.75' LT 725.77
AG	118+35.36	67.46' LT 726.11
AH	118+42.13	67.33' LT 726.07
AI	118+43.54	66.60' LT 725.63
AJ	118+40.29	68.27' LT 726.09
AK	118+35.36	68.27' LT 726.14
AL	118+35.35	77.77' LT (726.51)
AM	118+40.29	77.77' LT (726.46)



STATION	OFFSET	ELEVATION
A	119+05.51	56.96' LT 725.26
B	119+06.84	57.81' LT 725.25
C	119+08.52	52.76' LT 725.29
D	119+11.72	61.32' LT 725.34
E	119+09.76	53.75' LT 725.28
F	119+14.64	57.26' LT 725.37
G	119+12.69	48.18' LT 725.32
H	119+17.98	53.61' LT 725.78
I	119+13.79	49.31' LT 725.76
J	119+19.90	51.84' LT 725.79
K	119+14.96	46.09' LT 725.33
L	119+15.99	47.29' LT 725.77
M	119+23.83	48.85' LT 725.45
N	119+19.89	42.36' LT 725.36
O	119+20.77	43.68' LT 725.36

STATION	OFFSET	ELEVATION
P	119+24.33	39.72' LT 725.39
Q	119+25.07	41.13' LT 725.38
R	119+28.13	46.30' LT 725.47
S	119+29.99	37.19' LT 725.42
T	119+30.54	38.68' LT 725.86
U	119+31.33	40.77' LT 725.81
V	119+29.19	45.77' LT 725.54
W	119+34.03	40.78' LT 725.75
X	119+34.03	45.78' LT 725.83
Y	119+39.03	40.78' LT 725.82
Z	119+39.03	45.78' LT 725.89
AA	119+47.57	40.78' LT 726.16
AB	119+47.57	45.78' LT 726.23
AC	119+47.57	35.58' LT 725.95
AD	119+47.57	34.00' LT 725.51

LEGEND

- PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
- PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
- DETECTABLE WARNINGS



FILE NAME = 090193-PPP-02



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

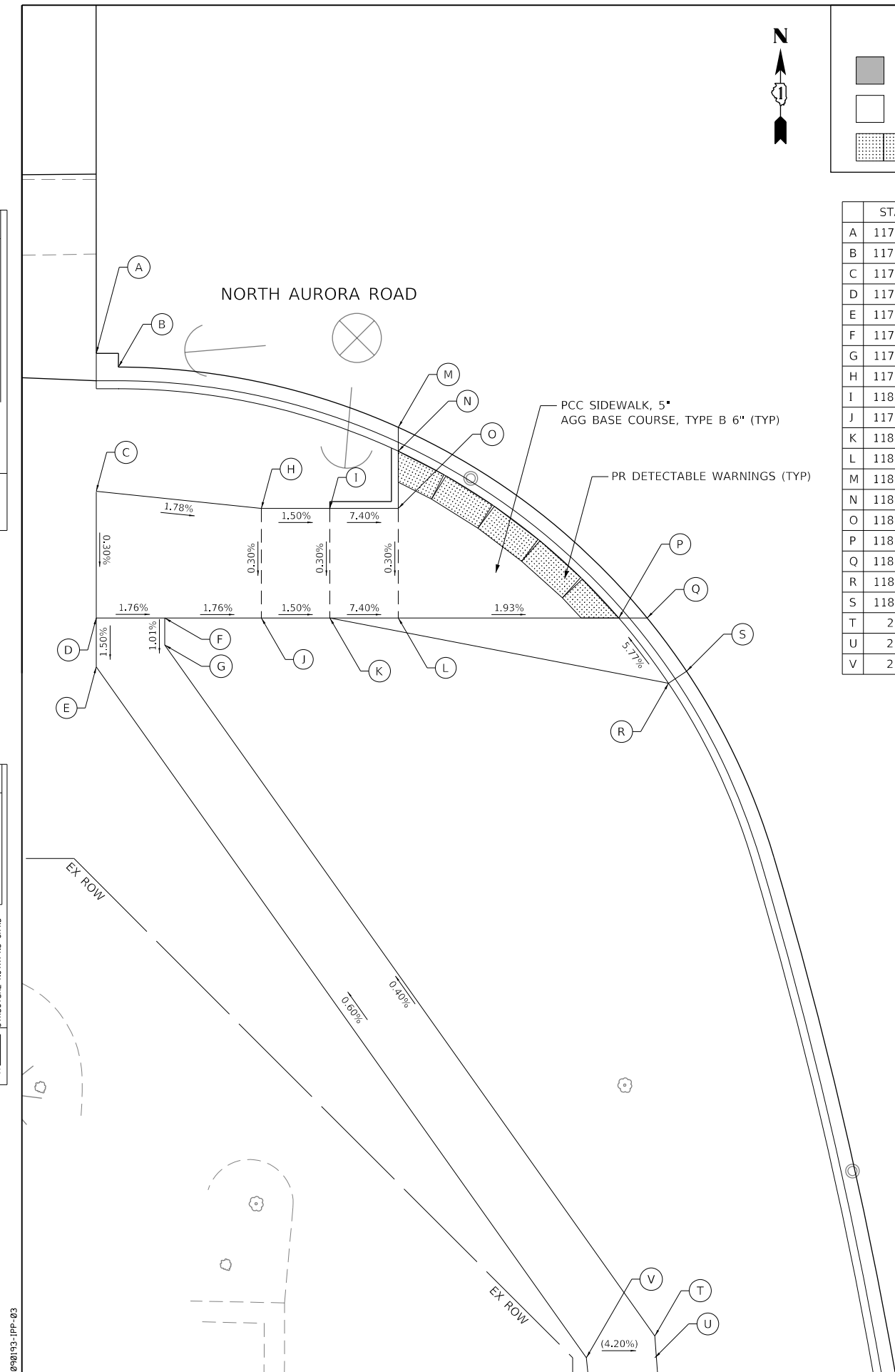
**NORTH AURORA ROAD AT FRONTENAC ROAD
INTERSECTION PAVING PLAN DETAIL**

SCALE: 1"=5' SHEET 2 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	127
			CONTRACT NO.	61G19
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIS CHFD		
	NO.		



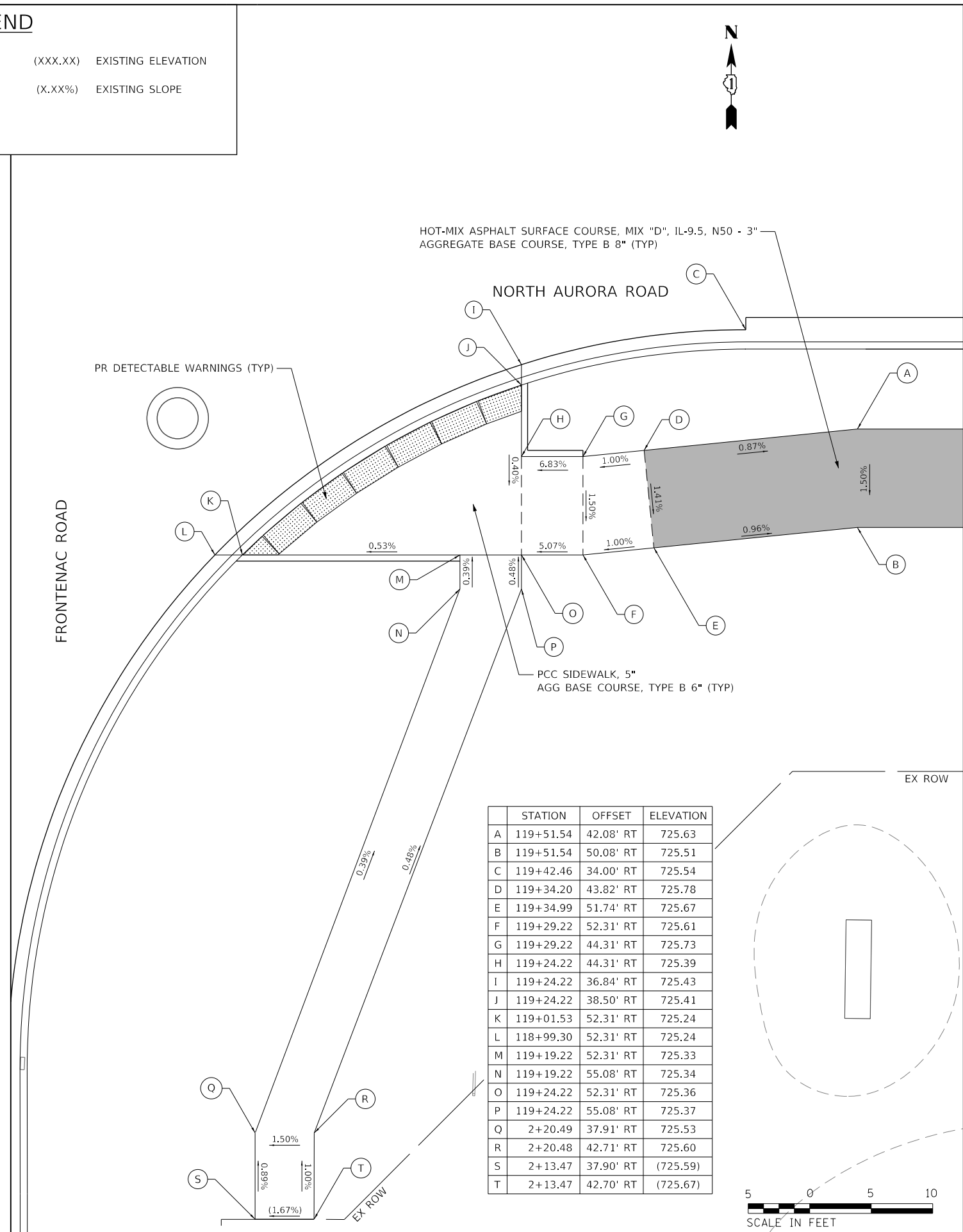
STATION	OFFSET	ELEVATION
A	117+85.01 32.99' RT	726.34
B	117+86.63 33.99' RT	726.31
C	117+85.01 43.07' RT	726.59
D	117+85.01 52.31' RT	726.56
E	117+85.02 55.88' RT	726.51
F	117+90.01 52.31' RT	726.47
G	117+90.01 54.29' RT	726.45
H	117+97.07 44.31' RT	726.37
I	118+02.07 44.31' RT	726.30
J	117+97.07 52.31' RT	726.35
K	118+02.07 52.31' RT	726.28
L	118+07.07 52.31' RT	725.90
M	118+07.07 38.39' RT	725.96
N	118+07.07 40.13' RT	725.94
O	118+07.07 44.31' RT	725.93
P	118+23.18 52.31' RT	725.59
Q	118+25.25 52.31' RT	725.58
R	118+26.81 57.08' RT	725.94
S	118+28.31 56.20' RT	725.50
T	2+15.03 38.85' LT	726.70
U	2+13.44 38.85' LT	(726.67)
V	2+13.44 43.85' LT	(726.88)

LEGEND

■ PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION

□ PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE

▨ DETECTABLE WARNINGS



STATION	OFFSET	ELEVATION
A	119+51.54 42.08' RT	725.63
B	119+51.54 50.08' RT	725.51
C	119+42.46 34.00' RT	725.54
D	119+34.20 43.82' RT	725.78
E	119+34.99 51.74' RT	725.67
F	119+29.22 52.31' RT	725.61
G	119+29.22 44.31' RT	725.73
H	119+24.22 44.31' RT	725.39
I	119+24.22 36.84' RT	725.43
J	119+24.22 38.50' RT	725.41
K	119+01.53 52.31' RT	725.24
L	118+99.30 52.31' RT	725.24
M	119+19.22 52.31' RT	725.33
N	119+19.22 55.08' RT	725.34
O	119+24.22 52.31' RT	725.36
P	119+24.22 55.08' RT	725.37
Q	2+20.49 37.91' RT	725.53
R	2+20.48 42.71' RT	725.60
S	2+13.47 37.90' RT	(725.59)
T	2+13.47 42.70' RT	(725.67)



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT FRONTENAC ROAD
INTERSECTION PAVING PLAN DETAIL**

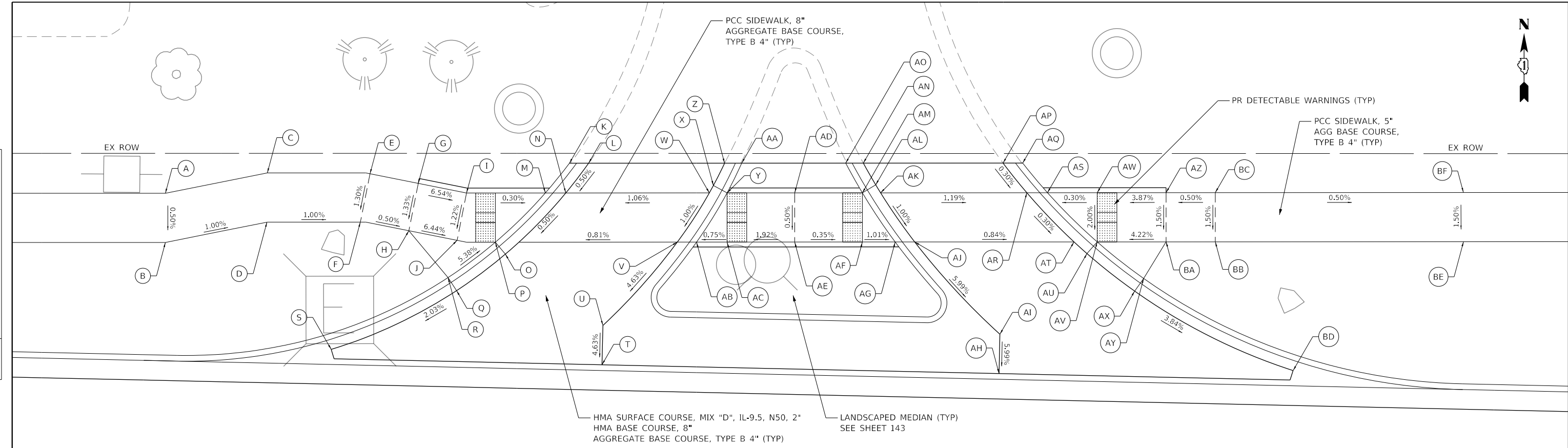
SCALE: 1"=5' SHEET 3 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	128
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G19	



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

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



NORTH AURORA ROAD

STATION	OFFSET	ELEVATION
A	122+59.64	45.96' LT 724.91
B	122+59.64	40.96' LT 724.84
C	122+70.00	48.03' LT 724.81
D	122+69.96	43.03' LT 724.73
E	122+80.44	47.94' LT 724.70
F	122+79.45	43.03' LT 724.64
G	122+85.34	46.96' LT 724.68
H	122+84.38	42.16' LT 724.61
I	122+90.24	45.98' LT 724.35
J	122+89.28	41.17' LT 724.29
K	123+00.70	49.02' LT (724.75)
L	123+02.65	49.02' LT (724.36)
M	122+98.25	45.99' LT 724.33
N	123+00.33	45.99' LT 724.34
O	122+94.19	39.78' LT 724.27
P	122+93.17	40.98' LT 724.26
Q	122+89.23	36.07' LT 724.14
R	122+88.36	37.39' LT 724.58
S	122+76.49	30.09' LT 723.86
T	123+04.01	28.53' LT 723.73
U	123+04.10	32.53' LT 723.91
V	123+11.66	40.99' LT 724.44
W	123+14.92	46.00' LT 724.50
X	123+15.33	46.75' LT 724.50
Y	123+16.72	46.00' LT 724.49

STATION	OFFSET	ELEVATION
Z	123+16.47	49.02' LT (724.53)
AA	123+18.21	49.02' LT (725.03)
AB	123+13.62	41.00' LT 724.44
AC	123+16.72	41.00' LT 724.46
AD	123+23.60	46.00' LT 724.62
AE	123+23.60	41.00' LT 724.60
AF	123+30.47	41.01' LT 724.57
AG	123+33.81	41.01' LT 724.54
AH	123+44.36	27.64' LT 723.53
AI	123+44.45	31.64' LT 723.77
AJ	123+35.79	41.01' LT 724.53
AK	123+32.32	46.01' LT 724.60
AL	123+31.83	46.82' LT 724.60
AM	123+30.47	46.01' LT 724.60
AN	123+30.58	49.02' LT (724.63)
AO	123+28.77	49.02' LT (725.07)
AP	123+44.77	49.03' LT (724.43)
AQ	123+46.76	49.03' LT (724.45)
AR	123+47.18	46.01' LT 724.42
AS	123+49.28	46.02' LT 724.41
AT	123+51.98	41.02' LT 724.40
AU	123+53.30	39.83' LT 724.33
AV	123+54.34	41.02' LT 724.32
AW	123+54.34	46.02' LT 724.42
AX	123+58.14	36.02' LT 724.09

STATION	OFFSET	ELEVATION
AY	123+59.05	37.31' LT 724.53
AZ	123+61.34	45.99' LT 724.69
BA	123+61.34	41.02' LT 724.62
BB	123+66.34	41.03' LT 724.64
BC	123+66.34	46.03' LT 724.72
BD	123+74.25	27.94' LT 723.40
BE	123+91.56	41.04' LT 724.52
BF	123+91.56	46.04' LT 724.59

LEGEND

- PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
- PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
- DETECTABLE WARNINGS



FILE NAME = 090193-PP-04



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD AT COMMERCIAL ENTRANCE (NAPA)
INTERSECTION PAVING PLAN DETAIL

SCALE: 1"=5' SHEET 4 OF 17 SHEETS STA. TO STA.

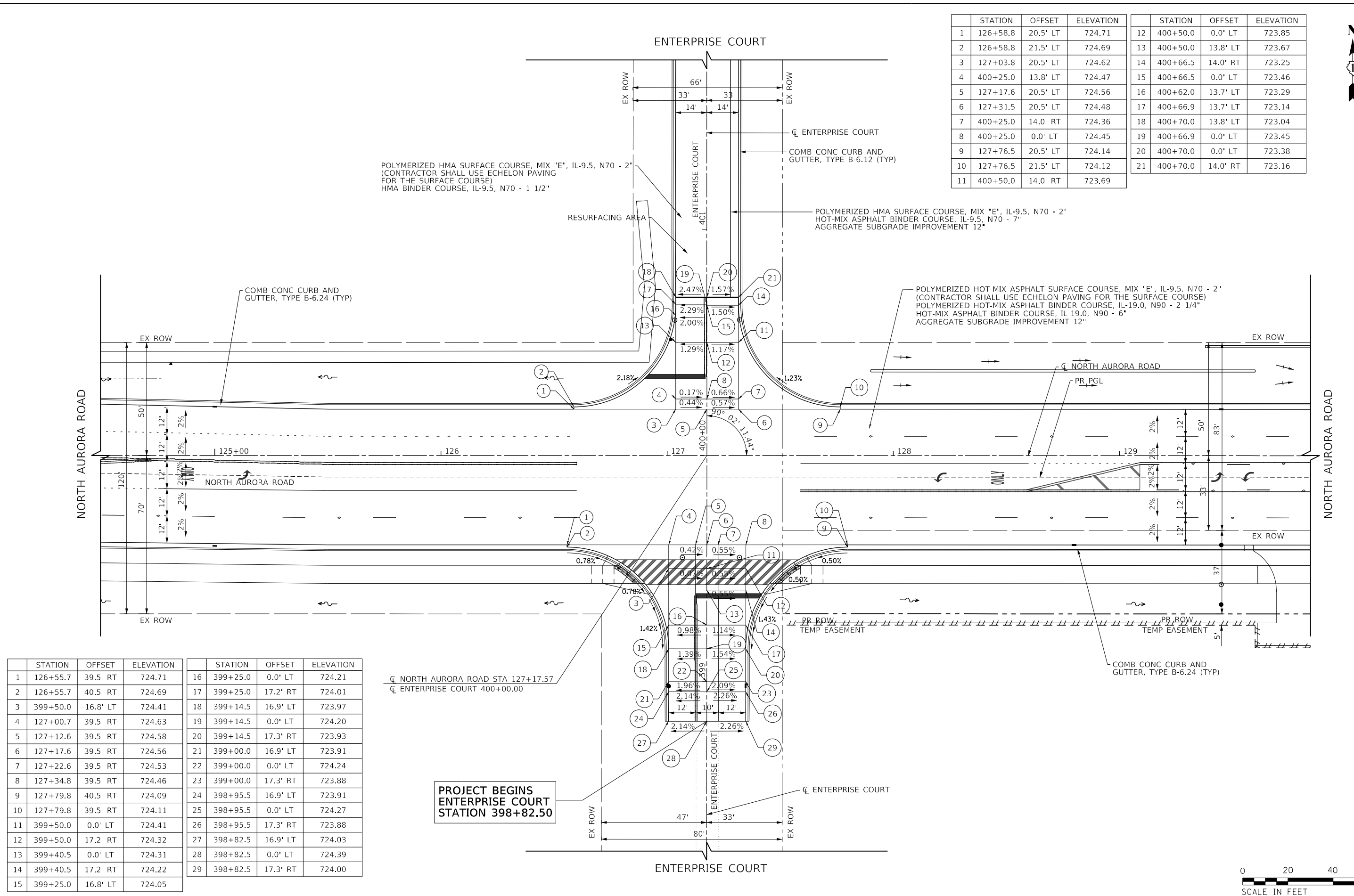
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	129
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	

FILE NAME = 098193-PPP-05

STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION		
1	126+58.8	20.5' LT	724.71	12	400+50.0	0.0' LT	723.85
2	126+58.8	21.5' LT	724.69	13	400+50.0	13.8' LT	723.67
3	127+03.8	20.5' LT	724.62	14	400+66.5	14.0' RT	723.25
4	400+25.0	13.8' LT	724.47	15	400+66.5	0.0' LT	723.46
5	127+17.6	20.5' LT	724.56	16	400+62.0	13.7' LT	723.29
6	127+31.5	20.5' LT	724.48	17	400+66.9	13.7' LT	723.14
7	400+25.0	14.0' RT	724.36	18	400+70.0	13.8' LT	723.04
8	400+25.0	0.0' LT	724.45	19	400+66.9	0.0' LT	723.45
9	127+76.5	20.5' LT	724.14	20	400+70.0	0.0' LT	723.38
10	127+76.5	21.5' LT	724.12	21	400+70.0	14.0' RT	723.16
11	400+50.0	14.0' RT	723.69				



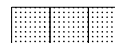


PROJECT BEGINS ENTERPRISE COURT STATION 398+82.50





LEGEND

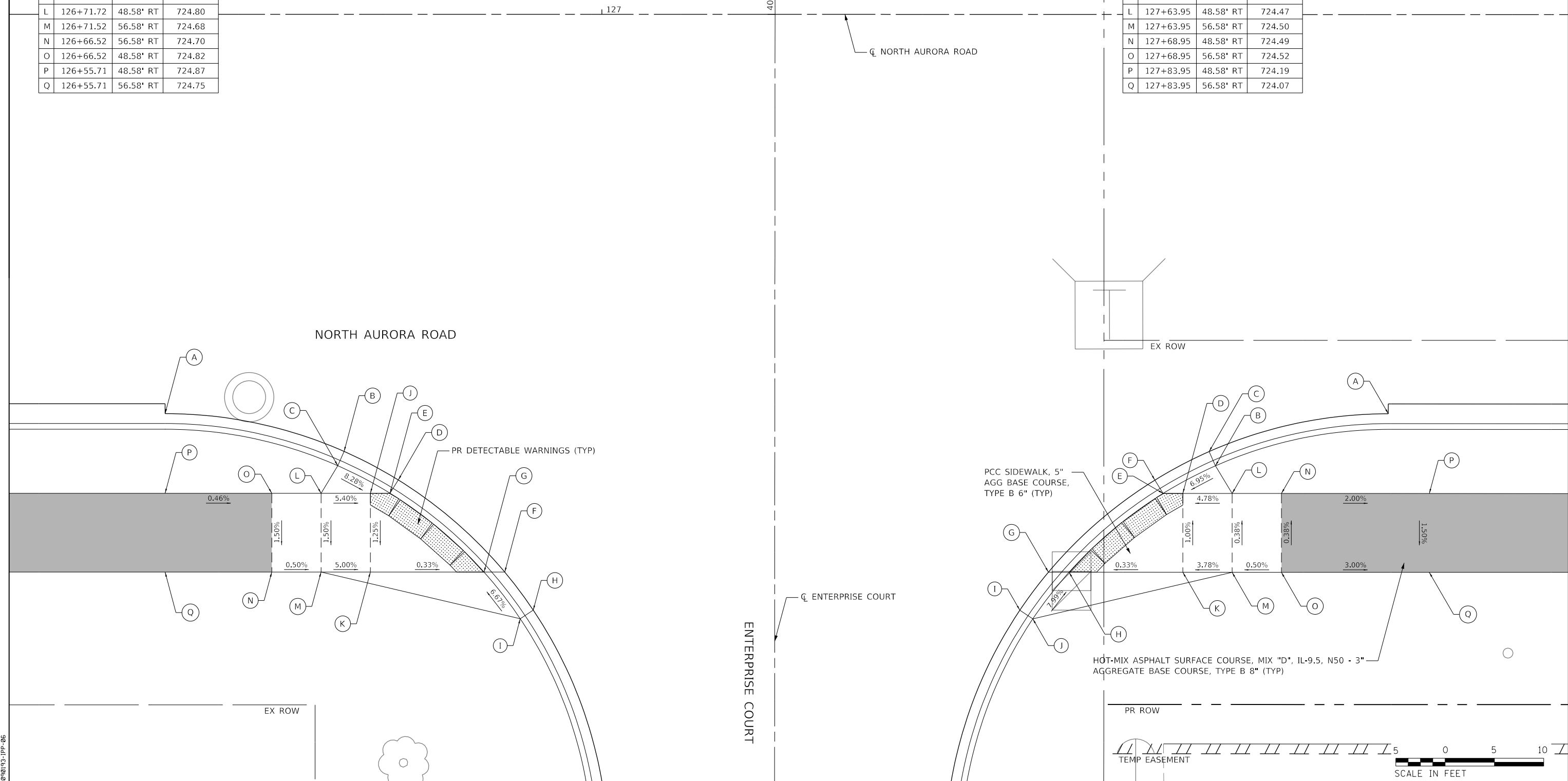
	PROPOSED HMA MULTI-USE PATH	(XXX.XX)	EXISTING ELEVATION
	PROPOSED PCC SIDEWALK	(X.XX%)	EXISTING SLOPE
	DETECTABLE WARNINGS		

	STATION	OFFSET	ELEVATION
A	126+55.71	40.50' RT	724.69
B	126+73.86	44.34' RT	724.54
C	126+73.22	45.79' RT	724.98
D	126+79.35	47.24' RT	724.50
E	126+78.52	48.58' RT	724.49
F	126+90.15	56.58' RT	724.38
G	126+88.06	56.58' RT	724.39
H	126+93.05	60.44' RT	724.35
I	126+91.73	61.32' RT	724.79
J	126+76.52	48.58' RT	724.53
K	126+76.52	56.58' RT	724.43
L	126+71.72	48.58' RT	724.80
M	126+71.52	56.58' RT	724.68
N	126+66.52	56.58' RT	724.70
O	126+66.52	48.58' RT	724.82
P	126+55.71	48.58' RT	724.87
Q	126+55.71	56.58' RT	724.75

	STATION	OFFSET	ELEVATION
A	127+79.79	40.50' RT	724.09
B	127+62.25	45.79' RT	724.62
C	127+61.61	44.34' RT	724.18
D	127+58.95	48.58' RT	724.23
E	127+56.95	48.58' RT	724.21
F	127+56.11	47.24' RT	724.21
G	127+45.32	56.58' RT	724.29
H	127+47.41	56.58' RT	724.27
I	127+42.42	60.44' RT	724.31
J	127+43.74	61.32' RT	724.75
K	127+58.95	56.58' RT	724.31
L	127+63.95	48.58' RT	724.47
M	127+63.95	56.58' RT	724.50
N	127+68.95	48.58' RT	724.49
O	127+68.95	56.58' RT	724.52
P	127+83.95	48.58' RT	724.19
Q	127+83.95	56.58' RT	724.07

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

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



FILE NAME = 090193-PP-06



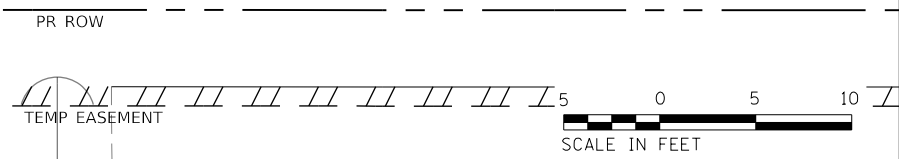
USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT ENTERPRISE COURT
INTERSECTION PAVING PLAN DETAIL**

SCALE: 1"=5' SHEET 6 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	131
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				



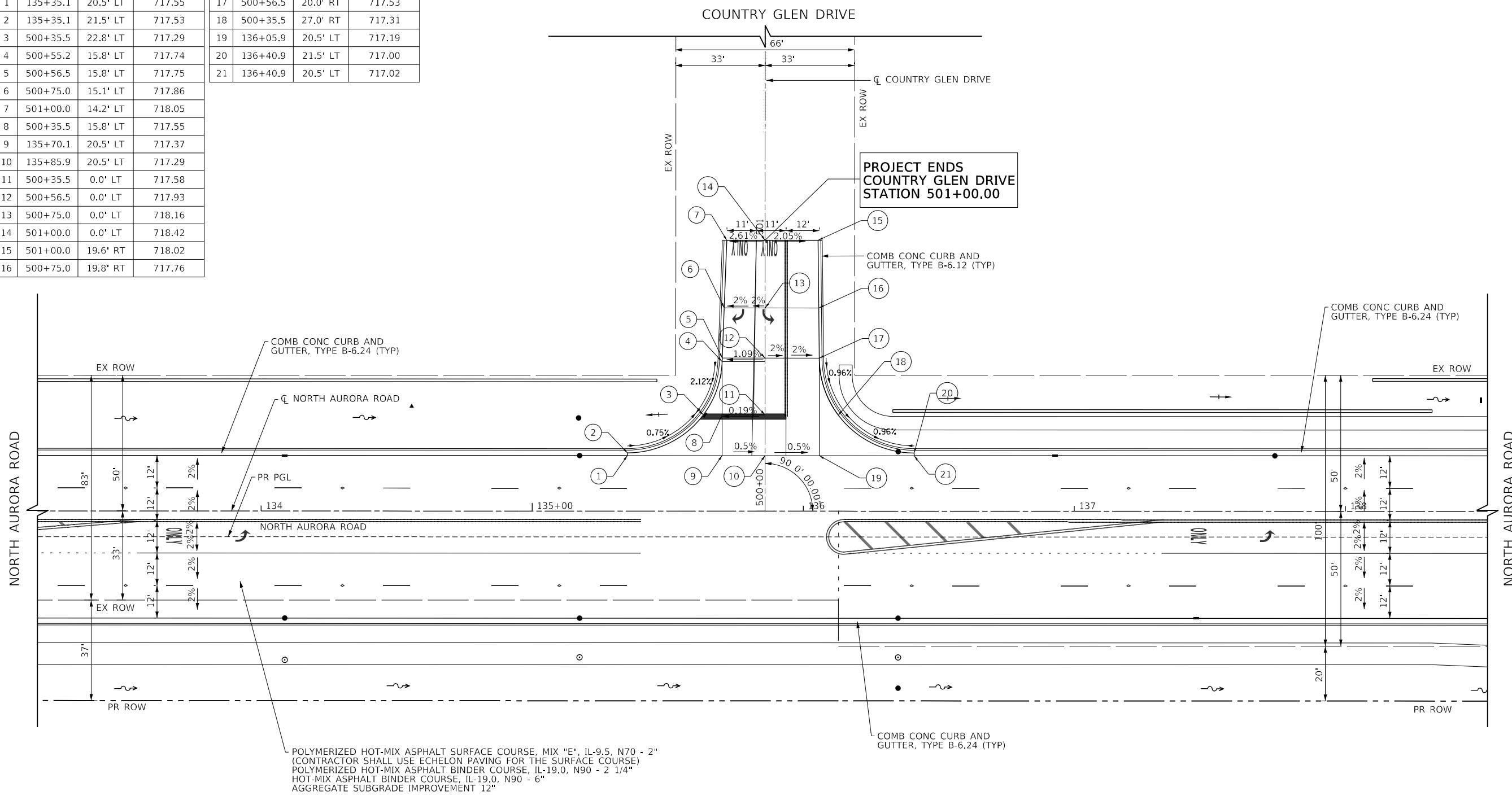


	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
1	135+35.1	20.5' LT	717.55	17	500+56.5	20.0' RT	717.53
2	135+35.1	21.5' LT	717.53	18	500+35.5	27.0' RT	717.31
3	500+35.5	22.8' LT	717.29	19	136+05.9	20.5' LT	717.19
4	500+55.2	15.8' LT	717.74	20	136+40.9	21.5' LT	717.00
5	500+56.5	15.8' LT	717.75	21	136+40.9	20.5' LT	717.02
6	500+75.0	15.1' LT	717.86				
7	501+00.0	14.2' LT	718.05				
8	500+35.5	15.8' LT	717.55				
9	135+70.1	20.5' LT	717.37				
10	135+85.9	20.5' LT	717.29				
11	500+35.5	0.0' LT	717.58				
12	500+56.5	0.0' LT	717.93				
13	500+75.0	0.0' LT	718.16				
14	501+00.0	0.0' LT	718.42				
15	501+00.0	19.6' RT	718.02				
16	500+75.0	19.8' RT	717.76				

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

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

FILE NAME = 098193-PPP-07

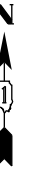


USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

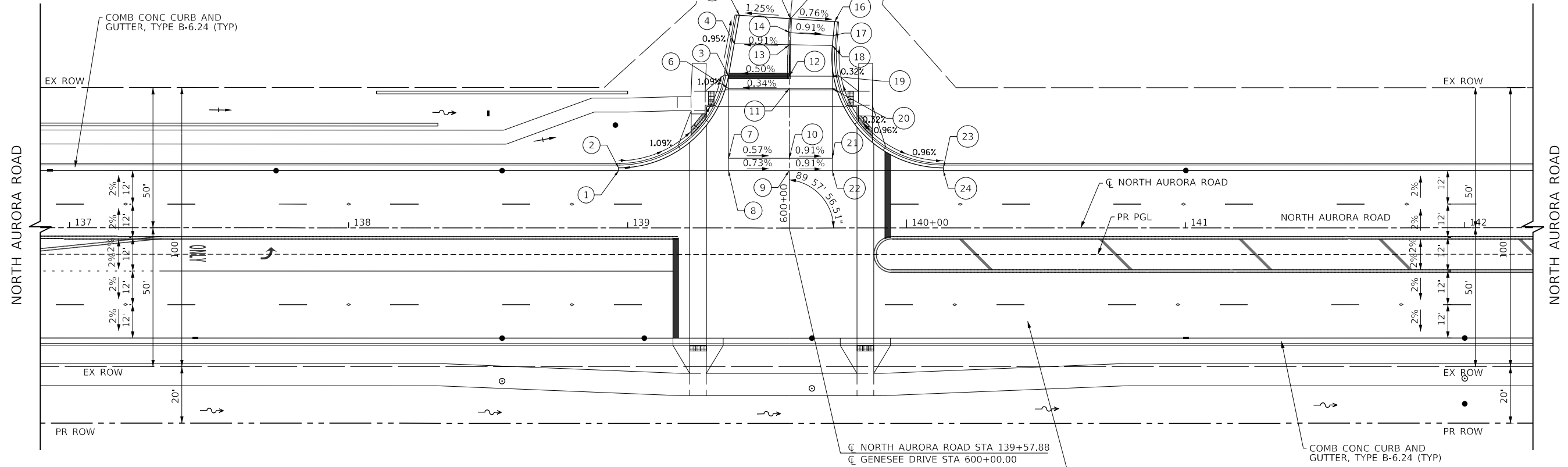
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTH AURORA ROAD AT COUNTRY GLEN DRIVE INTERSECTION PAVING DETAIL			
SCALE: 1"=20'	SHEET 7 OF 17 SHEETS	STA. 133+00.00 TO STA. 138+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	132
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
1	138+96.7	20.5' LT	715.74	17	600+69.6	15.7' RT	715.02
2	138+96.7	21.5' LT	715.72	18	600+65.7	15.4' RT	715.03
3	600+54.4	21.8' LT	715.11	19	600+54.4	15.4' RT	715.08
4	600+65.7	19.7' LT	714.99	20	600+50.0	15.4' RT	715.09
5	600+75.0	18.3' LT	(714.90)	21	600+25.0	15.5' RT	715.19
6	600+50.0	21.8' LT	715.16	22	139+73.4	20.5' LT	715.21
7	600+25.0	21.8' LT	715.45	23	140+13.2	20.5' LT	714.78
8	139+36.1	20.5' LT	715.51	24	140+13.2	21.5' LT	714.80
9	139+57.9	20.5' LT	715.35				
10	600+25.0	0.0' LT	715.33				
11	600+50.0	0.0' LT	715.23				
12	600+54.4	0.0' LT	715.22				
13	600+65.7	0.0' LT	715.17				
14	600+70.0	0.0' LT	715.15				
15	600+75.0	0.0' LT	(715.13)				
16	600+75.0	15.9' RT	(715.01)				



POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 2"
 (CONTRACTOR SHALL USE ECHELON PAVING FOR THE SURFACE COURSE)
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 2 1/4"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 6"
 AGGREGATE SUBGRADE IMPROVEMENT 12"

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

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

FILE NAME = 090193-PPP-08



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

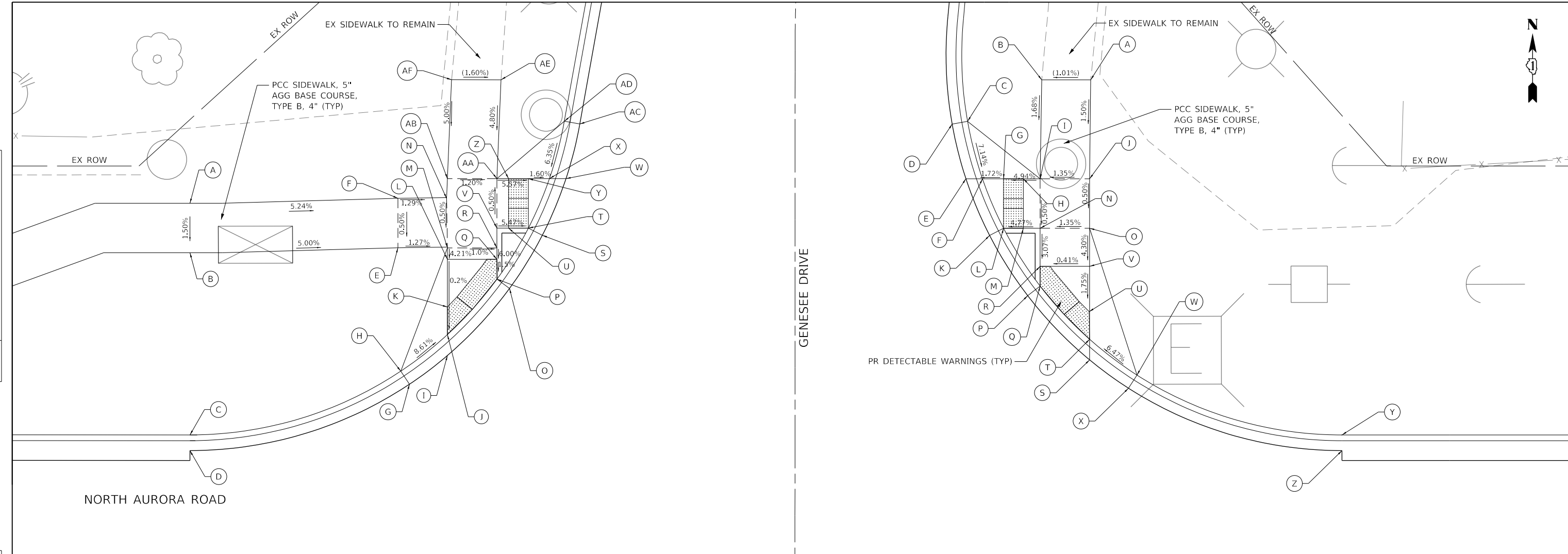
NORTH AURORA ROAD AT GENESSEE DRIVE
INTERSECTION PAVING DETAIL

SCALE: 1"=20' SHEET 8 OF 17 SHEETS STA. 137+00.00 TO STA. 142+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	133
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.	NOTATRS CHKD	



	STATION	OFFSET	ELEVATION
A	138+96.73	46.50' LT	716.64
B	138+96.72	41.50' LT	716.57
C	138+96.73	23.08' LT	716.16
D	138+96.73	21.50' LT	715.72
E	139+17.75	42.00' LT	715.51
F	139+17.75	47.00' LT	715.54
G	139+18.92	28.22' LT	715.46
H	139+18.04	29.53' LT	715.90
I	139+22.75	31.12' LT	715.41
J	139+22.75	33.24' LT	715.39
K	139+22.75	36.02' LT	715.39
L	139+22.75	40.84' LT	715.40
M	139+22.75	42.00' LT	715.45
N	139+22.67	47.00' LT	715.48
O	139+29.03	37.90' LT	715.31
P	139+27.75	38.84' LT	715.30
Q	139+27.75	40.84' LT	715.33
R	139+27.75	42.00' LT	715.40
S	139+32.34	43.28' LT	715.24

	STATION	OFFSET	ELEVATION
T	139+30.93	44.00' LT	715.23
U	139+28.93	44.00' LT	715.34
V	139+27.75	44.00' LT	715.41
W	139+34.73	49.00' LT	715.17
X	139+33.06	49.00' LT	715.17
Y	139+30.93	49.00' LT	715.20
Z	139+28.93	49.00' LT	715.31
AA	139+27.75	49.00' LT	715.38
AB	139+22.75	49.00' LT	715.44
AC	139+36.12	54.52' LT	715.11
AD	139+34.56	54.80' LT	715.55
AE	139+28.16	58.99' LT	(715.86)
AF	139+23.16	58.99' LT	(715.94)

	STATION	OFFSET	ELEVATION
A	139+87.80	58.98' LT	(715.52)
B	139+82.84	58.98' LT	(715.47)
C	139+75.35	54.79' LT	715.51
D	139+73.79	54.51' LT	715.07
E	139+75.18	48.99' LT	715.09
F	139+76.85	48.99' LT	715.08
G	139+78.99	48.99' LT	715.12
H	139+80.99	48.99' LT	715.22
I	139+82.68	48.99' LT	715.30
J	139+87.68	48.99' LT	715.37
K	139+77.57	43.26' LT	715.11
L	139+78.98	43.99' LT	715.10
M	139+80.99	43.99' LT	715.20
N	139+82.68	43.99' LT	715.28
O	139+87.68	43.99' LT	715.35
P	139+81.42	37.18' LT	715.13
Q	139+82.68	38.14' LT	715.12
R	139+82.68	40.14' LT	715.18
S	139+87.68	30.68' LT	715.05

	STATION	OFFSET	ELEVATION
T	139+87.68	32.76' LT	715.05
U	139+87.63	35.55' LT	715.09
V	139+87.68	40.14' LT	715.18
W	139+92.46	29.15' LT	715.44
X	139+91.61	27.81' LT	715.00
Y	140+13.18	23.08' LT	715.22
Z	140+13.18	21.50' LT	714.78

LEGEND

- PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
- PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
- DETECTABLE WARNINGS



FILE NAME = 090193-IPP-09



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT GENESSEE DRIVE
INTERSECTION PAVING PLAN DETAIL**

SCALE: 1"=5' SHEET 9 OF 17 SHEETS STA. TO STA.



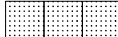
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	134
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

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

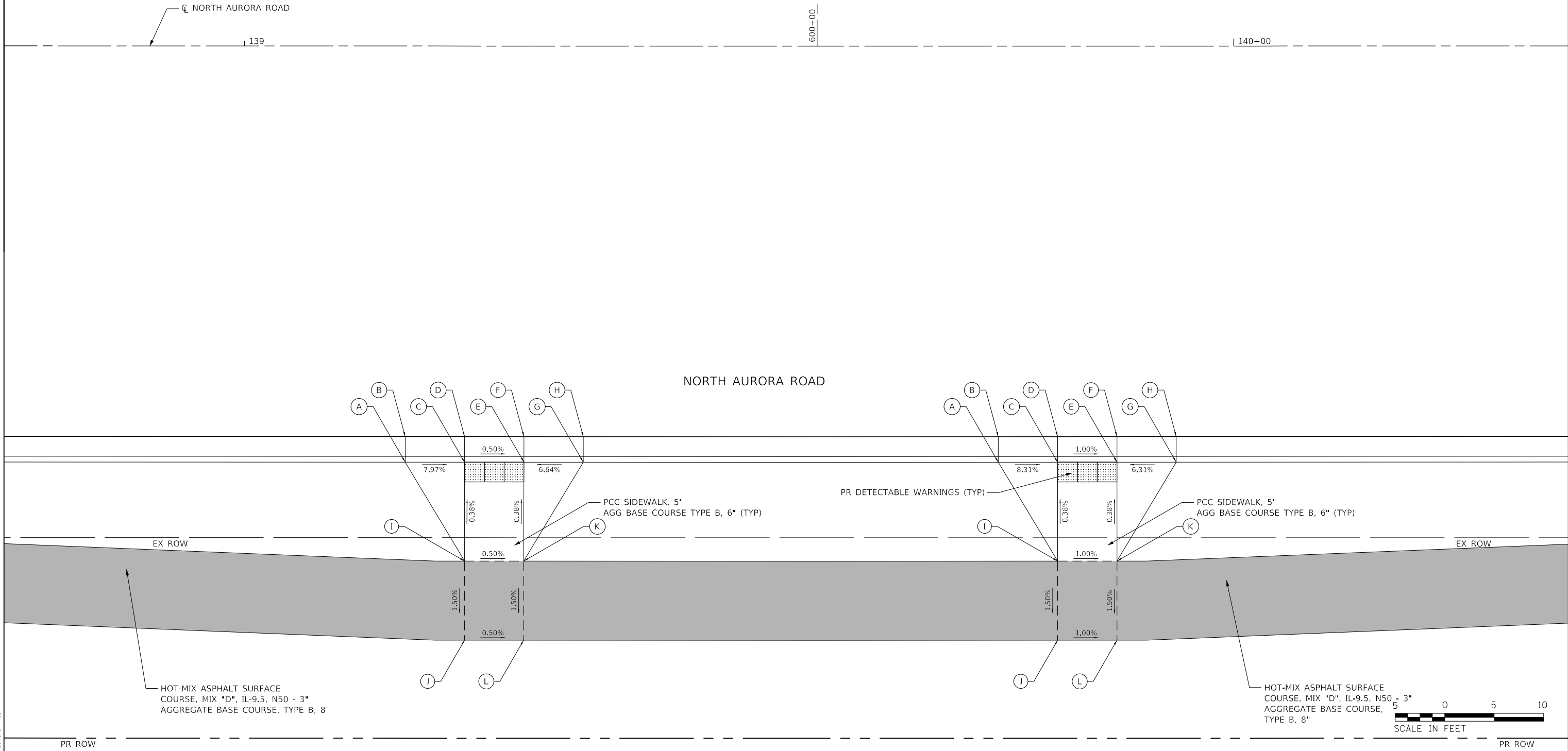
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS CHKD	

	STATION	OFFSET	ELEVATION
A	139+16.25	42.08' RT	716.02
B	139+16.25	39.50' RT	715.64
C	139+22.25	42.08' RT	715.54
D	139+22.25	39.50' RT	715.60
E	139+28.25	42.08' RT	715.51
F	139+28.25	39.50' RT	715.57
G	139+34.25	42.08' RT	715.91
H	139+34.25	39.50' RT	715.53
I	139+22.25	52.08' RT	715.58
J	139+22.25	60.08' RT	715.46
K	139+28.23	52.08' RT	715.55
L	139+28.23	60.08' RT	715.43

LEGEND

-  PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
-  PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
-  DETECTABLE WARNINGS

	STATION	OFFSET	ELEVATION
A	139+76.18	42.08' RT	715.57
B	139+76.18	39.50' RT	715.19
C	139+82.18	42.08' RT	715.07
D	139+82.18	39.50' RT	715.13
E	139+88.18	42.08' RT	715.01
F	139+88.18	39.50' RT	715.07
G	139+94.18	42.08' RT	715.39
H	139+94.18	39.50' RT	715.01
I	139+82.18	52.08' RT	715.11
J	139+82.18	60.08' RT	714.99
K	139+88.18	52.08' RT	715.05
L	139+88.18	60.08' RT	714.93



FILE NAME = 090193-PP-10



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTH AURORA ROAD AT GENESEE DRIVE INTERSECTION PAVING PLAN DETAIL	
SCALE: 1"=5'	SHEET 10 OF 17 SHEETS STA. TO STA.

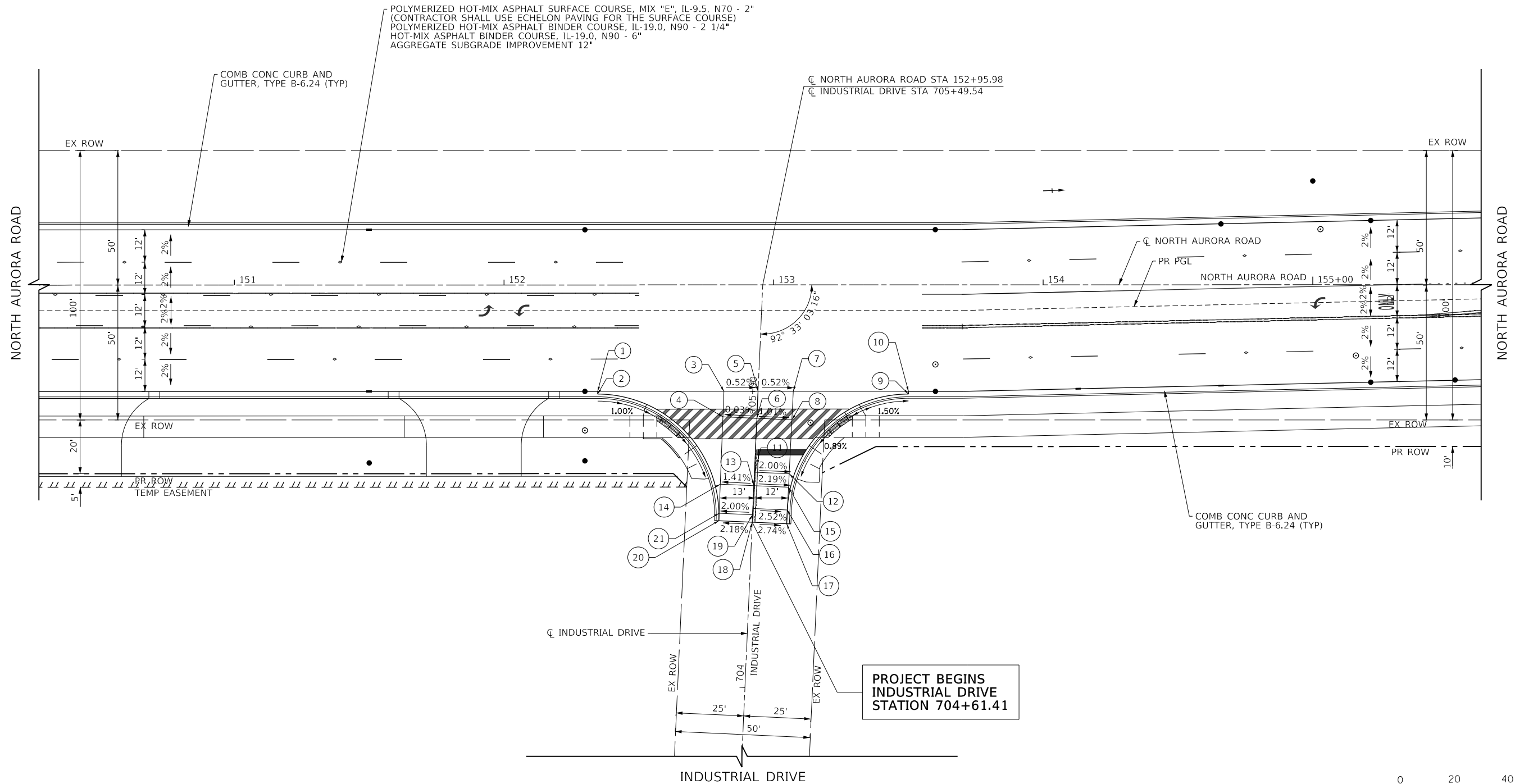
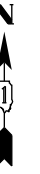
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	135
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G19	

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

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

FILE NAME = 090193-PPP-11

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
1	152+34.7	39.5' RT	708.05	12	704+80.0	12.9' RT	707.38
2	152+34.7	40.5' RT	708.03	13	704+75.0	0.0' LT	707.62
3	152+81.6	39.5' RT	707.80	14	704+75.0	12.5' LT	707.44
4	705+00.0	12.6' LT	707.71	15	704+75.0	12.9' RT	707.34
5	152+94.2	39.5' RT	707.74	16	704+66.5	12.8' RT	707.27
6	705+00.0	0.0' LT	707.71	17	704+61.4	12.8' RT	707.22
7	153+07.3	39.5' RT	707.67	18	704+61.4	0.0' LT	707.57
8	705+00.0	13.0' RT	707.58	19	704+64.2	0.0' LT	707.58
9	153+50.0	40.5' RT	707.43	20	704+61.4	12.4' LT	707.30
10	153+50.0	39.5' RT	707.45	21	704+64.2	12.4' LT	707.33
11	704+80.0	0.0' LT	707.64				



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
DRAWN - BMS	REVISOR -	
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD AT INDUSTRIAL DRIVE
INTERSECTION PAVING DETAIL

SCALE: 1"=20' SHEET 11 OF 17 SHEETS STA. 150+00.00 TO STA. 155+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	136
			CONTRACT NO. 61G19	



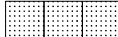
ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

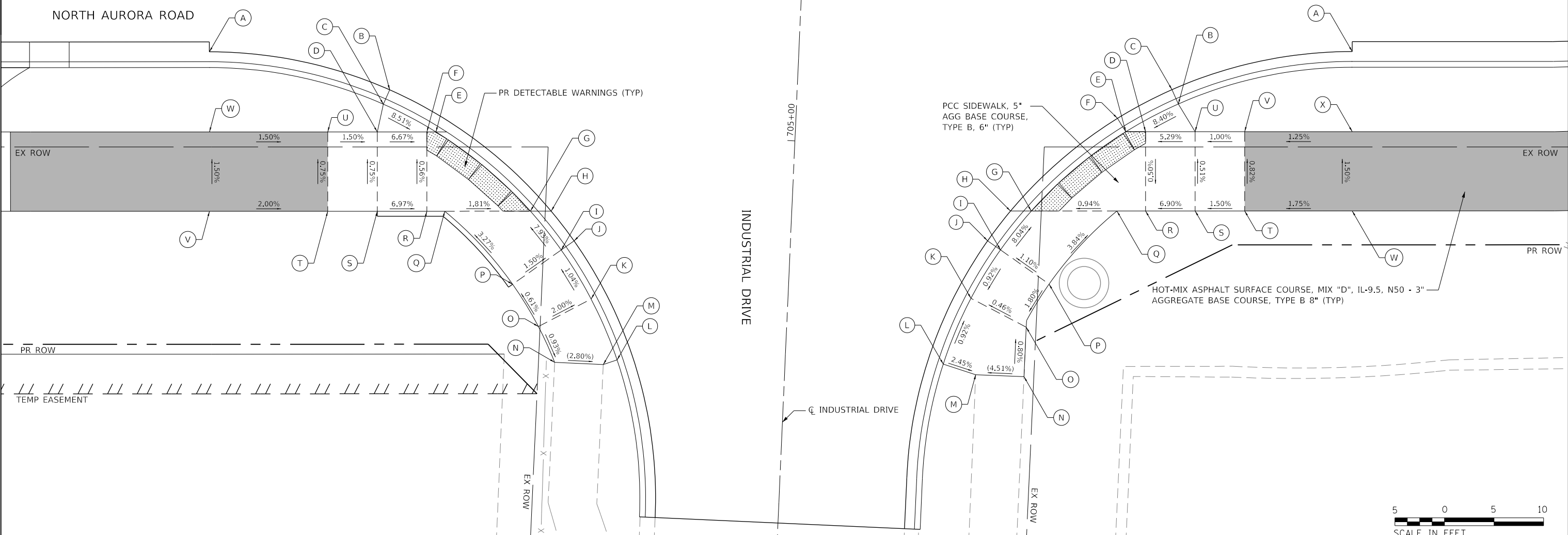
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

	STATION	OFFSET	ELEVATION
A	152+34.70	40.50' RT	708.03
B	152+52.89	44.34' RT	707.84
C	152+52.25	45.79' RT	708.28
D	152+51.64	48.58' RT	708.12
E	152+57.55	48.58' RT	707.77
F	152+56.64	48.58' RT	707.79
G	152+67.09	56.58' RT	707.64
H	152+69.18	56.58' RT	707.64
I	152+70.20	60.50' RT	708.04
J	152+71.49	59.58' RT	707.60
K	152+73.21	65.45' RT	707.98
L	152+75.83	71.58' RT	707.91
M	152+74.44	72.06' RT	(707.92)
N	152+69.53	71.83' RT	(708.06)
O	152+67.89	68.22' RT	708.10
P	152+65.29	63.95' RT	708.13
Q	152+58.45	56.58' RT	707.80
R	152+56.64	56.58' RT	707.83
S	152+51.64	56.58' RT	708.18
T	152+46.64	56.58' RT	708.25
U	152+46.64	48.58' RT	708.19
V	152+34.70	56.58' RT	708.49
W	152+34.70	48.58' RT	708.37

LEGEND

-  PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
-  PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
-  DETECTABLE WARNINGS

	STATION	OFFSET	ELEVATION
A	153+50.01	40.50' RT	707.43
B	153+32.46	45.79' RT	708.15
C	153+31.82	44.34' RT	707.71
D	153+29.16	48.58' RT	707.68
E	153+27.16	48.58' RT	707.65
F	153+26.33	47.24' RT	707.66
G	153+17.62	56.58' RT	707.53
H	153+15.53	56.58' RT	707.53
I	153+14.52	60.50' RT	707.93
J	153+13.22	59.58' RT	707.49
K	153+11.53	65.38' RT	707.88
L	153+08.74	72.02' RT	707.81
M	153+12.01	73.09' RT	(707.73)
N	153+16.89	73.29' RT	(707.95)
O	153+17.11	68.33' RT	707.91
P	153+19.42	63.95' RT	708.00
Q	153+26.26	56.58' RT	707.61
R	153+29.16	56.58' RT	707.64
S	153+34.16	56.58' RT	707.99
T	153+39.16	56.58' RT	708.06
U	153+34.16	48.58' RT	707.94
V	153+39.16	48.58' RT	707.99
W	153+50.01	56.58' RT	708.25
X	153+50.00	48.58' RT	708.13



FILE NAME = 090193-PP-12



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT INDUSTRIAL DRIVE
INTERSECTION PAVING PLAN DETAIL**

SCALE: 1"=5' SHEET 12 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	137
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

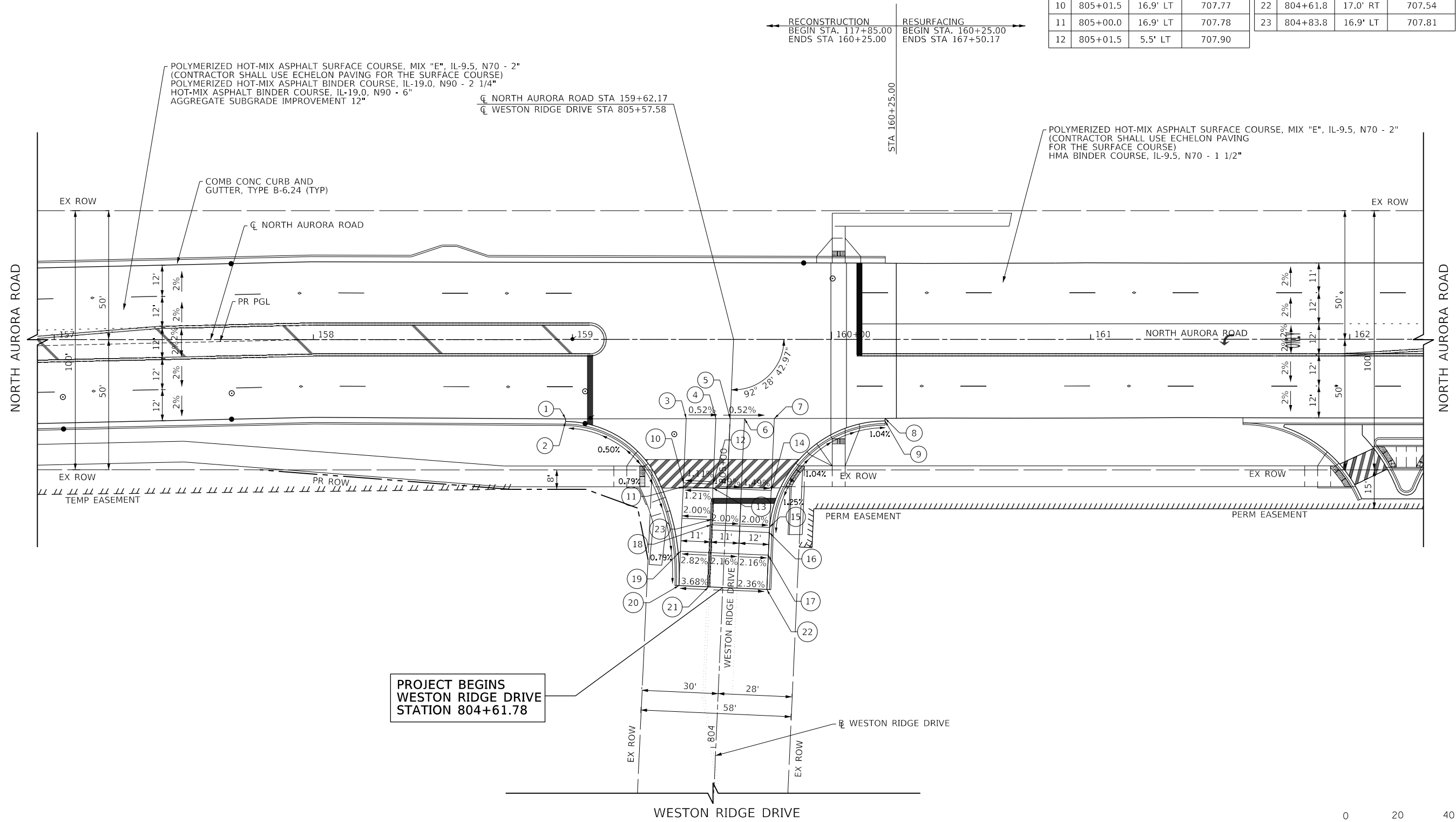


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

FILE NAME = 098193-PP-13

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
1	158+97.3	30.6' RT	707.96	13	805+00.0	5.5' LT	707.92
2	158+97.3	31.6' RT	707.94	14	805+00.0	17.0' RT	707.59
3	159+43.9	30.6' RT	707.74	15	804+85.8	17.0' RT	707.61
4	159+55.4	30.6' RT	707.68	16	804+83.8	17.0' RT	707.61
5	159+30.6	30.6' RT	707.65	17	804+75.0	17.0' RT	707.54
6	159+66.4	30.5' RT	707.62	18	804+85.8	5.5' LT	708.06
7	159+77.9	30.5' RT	707.57	19	804+75.0	16.9' LT	707.70
8	160+20.7	30.5' RT	707.34	20	804+61.8	16.9' LT	707.65
9	160+20.7	31.5' RT	707.32	21	804+61.8	5.5' LT	708.07
10	805+01.5	16.9' LT	707.77	22	804+61.8	17.0' RT	707.54
11	805+00.0	16.9' LT	707.78	23	804+83.8	16.9' LT	707.81
12	805+01.5	5.5' LT	707.90				



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD AT WESTON RIDGE DRIVE
INTERSECTION PAVING DETAIL

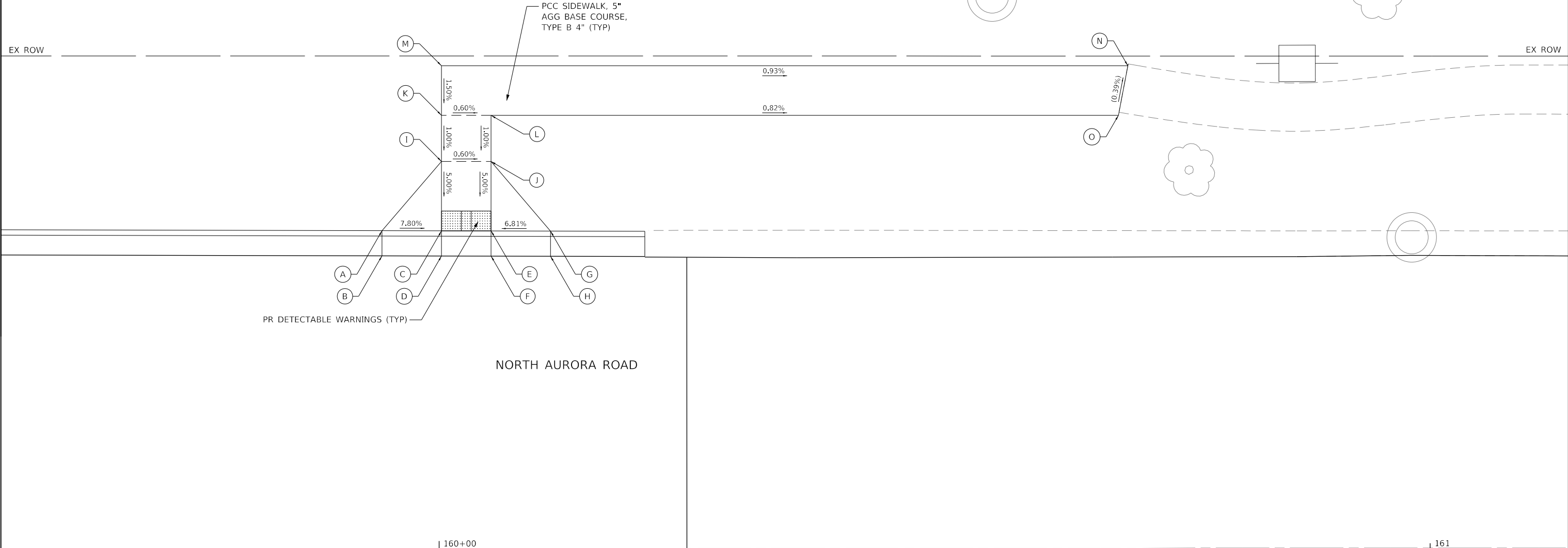
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	138
			CONTRACT NO. 61G19	

ILLINOIS FED. AID PROJECT



PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS CHFD	
	NO.	



	STATION	OFFSET	ELEVATION
A	159+94.25	32.05' LT	707.88
B	159+94.25	29.51' LT	707.50
C	160+00.25	32.04' LT	707.41
D	160+00.25	29.50' LT	707.47
E	160+05.25	32.04' LT	707.38
F	160+05.25	29.49' LT	707.44
G	160+11.25	32.01' LT	707.79
H	160+11.25	29.47' LT	707.41
I	160+00.25	39.04' LT	707.76
J	160+05.25	39.04' LT	707.73
K	160+00.25	43.69' LT	707.81
L	160+05.25	43.69' LT	707.78
M	160+00.25	48.69' LT	707.88
N	160+69.50	48.67' LT	(707.24)
O	160+68.56	43.67' LT	(707.26)

LEGEND

- PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
- PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
- DETECTABLE WARNINGS



FILE NAME = 098193-PP-14



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -



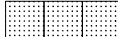
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT WESTON RIDGE DRIVE
INTERSECTION PAVING PLAN DETAIL**

SCALE: 1"=5' SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	139
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

LEGEND

-  PROPOSED HMA MULTI-USE PATH (XXX.XX) EXISTING ELEVATION
-  PROPOSED PCC SIDEWALK (X.XX%) EXISTING SLOPE
-  DETECTABLE WARNINGS



	STATION	OFFSET	ELEVATION
A	158+97.33	31.63' RT	707.94
B	159+25.15	43.15' RT	708.09
C	159+24.04	44.27' RT	708.53
D	159+29.24	47.86' RT	708.04
E	159+27.97	48.80' RT	708.03
F	159+32.52	56.80' RT	707.95
G	159+34.25	56.80' RT	707.96
H	159+34.40	61.43' RT	708.37
I	159+35.88	60.88' RT	707.93
J	159+36.11	66.54' RT	708.32
K	159+37.63	66.09' RT	707.88
L	159+36.29	71.02' RT	708.29
M	159+37.26	70.79' RT	708.27
N	159+34.43	87.09' RT	(708.39)
O	159+29.55	86.86' RT	(708.27)
P	159+31.22	71.37' RT	708.36
Q	159+30.36	68.26' RT	708.38
R	159+28.77	63.52' RT	708.46
S	159+25.97	48.80' RT	708.08

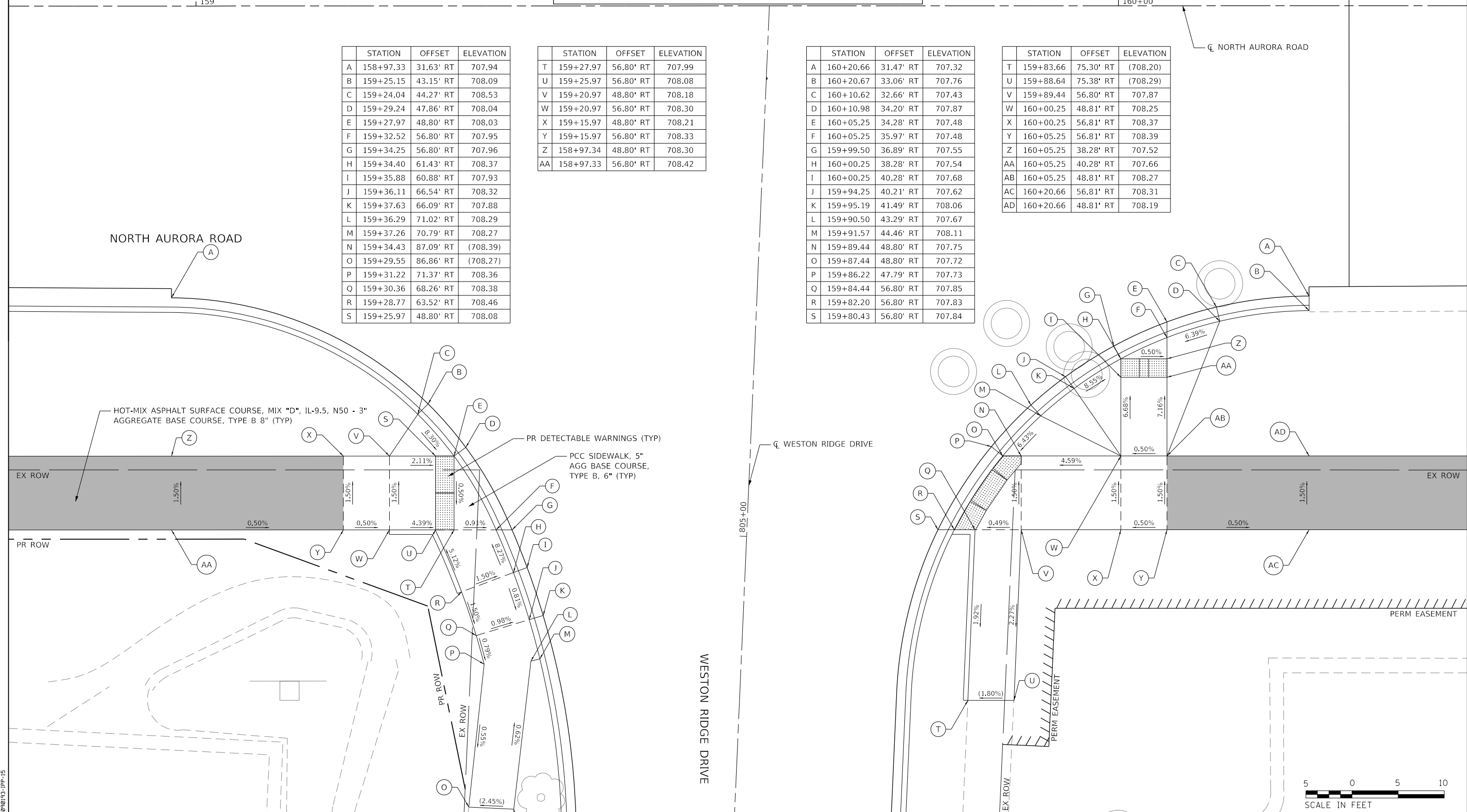
	STATION	OFFSET	ELEVATION
T	159+27.97	56.80' RT	707.99
U	159+25.97	56.80' RT	708.08
V	159+20.97	48.80' RT	708.18
W	159+20.97	56.80' RT	708.30
X	159+15.97	48.80' RT	708.21
Y	159+15.97	56.80' RT	708.33
Z	158+97.34	48.80' RT	708.30
AA	158+97.33	56.80' RT	708.42

	STATION	OFFSET	ELEVATION
A	160+20.66	31.47' RT	707.32
B	160+20.67	33.06' RT	707.76
C	160+10.62	32.66' RT	707.43
D	160+10.98	34.20' RT	707.87
E	160+05.25	34.28' RT	707.48
F	160+05.25	35.97' RT	707.48
G	159+99.50	36.89' RT	707.55
H	160+00.25	38.28' RT	707.54
I	160+00.25	40.28' RT	707.68
J	159+94.25	40.21' RT	707.62
K	159+95.19	41.49' RT	708.06
L	159+90.50	43.29' RT	707.67
M	159+91.57	44.46' RT	708.11
N	159+89.44	48.80' RT	707.75
O	159+87.44	48.80' RT	707.72
P	159+86.22	47.79' RT	707.73
Q	159+84.44	56.80' RT	707.85
R	159+82.20	56.80' RT	707.83
S	159+80.43	56.80' RT	707.84

	STATION	OFFSET	ELEVATION
T	159+83.66	75.30' RT	(708.20)
U	159+88.64	75.38' RT	(708.29)
V	159+89.44	56.80' RT	707.87
W	160+00.25	48.81' RT	708.25
X	160+00.25	56.81' RT	708.37
Y	160+05.25	56.81' RT	708.39
Z	160+05.25	38.28' RT	707.52
AA	160+05.25	40.28' RT	707.66
AB	160+05.25	48.81' RT	708.27
AC	160+20.66	56.81' RT	708.31
AD	160+20.66	48.81' RT	708.19

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	



FILE NAME = 098193-PP-15



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
DRAWN - BMS	REVISOR -	
CHECKED - BVW	REVISOR -	
DATE - 11/3/2020	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT WESTON RIDGE DRIVE
INTERSECTION PAVING PLAN DETAIL**



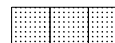
SCALE: 1"=5' SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DUPAGE	332	140
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	





LEGEND

	PROPOSED HMA MULTI-USE PATH	(XXX.XX)	EXISTING ELEVATION
	PROPOSED PCC SIDEWALK	(X.XX%)	EXISTING SLOPE
	DETECTABLE WARNINGS		

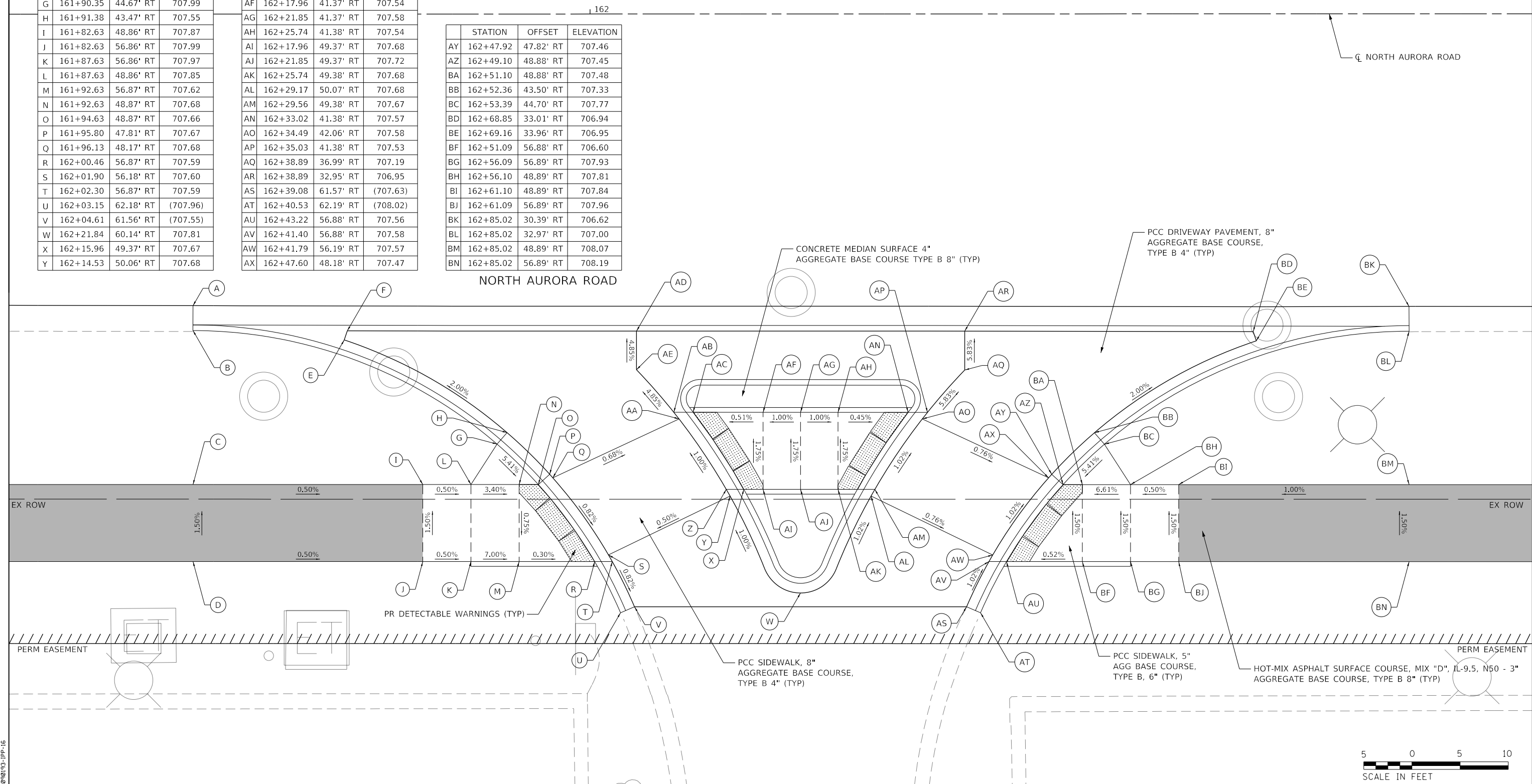
STATION	OFFSET	ELEVATION
A	161+58.78	30.28' RT 706.81
B	161+58.77	32.85' RT 707.19
C	161+58.78	48.86' RT 707.99
D	161+58.78	56.86' RT 708.11
E	161+74.48	33.85' RT 707.16
F	161+74.80	32.90' RT 707.15
G	161+90.35	44.67' RT 707.99
H	161+91.38	43.47' RT 707.55
I	161+82.63	48.86' RT 707.87
J	161+82.63	56.86' RT 707.99
K	161+87.63	56.86' RT 707.97
L	161+87.63	48.86' RT 707.85
M	161+92.63	56.87' RT 707.62
N	161+92.63	48.87' RT 707.68
O	161+94.63	48.87' RT 707.66
P	161+95.80	47.81' RT 707.67
Q	161+96.13	48.17' RT 707.68
R	162+00.46	56.87' RT 707.59
S	162+01.90	56.18' RT 707.60
T	162+02.30	56.87' RT 707.59
U	162+03.15	62.18' RT (707.96)
V	162+04.61	61.56' RT (707.55)
W	162+21.84	60.14' RT 707.81
X	162+15.96	49.37' RT 707.67
Y	162+14.53	50.06' RT 707.68

STATION	OFFSET	ELEVATION
Z	162+14.14	49.37' RT 707.67
AA	162+09.23	42.05' RT 707.58
AB	162+08.69	41.37' RT 707.54
AC	162+10.69	41.37' RT 707.58
AD	162+04.82	32.93' RT 707.06
AE	162+04.82	36.95' RT 707.25
AF	162+17.96	41.37' RT 707.54
AG	162+21.85	41.37' RT 707.58
AH	162+25.74	41.38' RT 707.54
AI	162+17.96	49.37' RT 707.68
AJ	162+21.85	49.37' RT 707.72
AK	162+25.74	49.38' RT 707.68
AL	162+29.17	50.07' RT 707.68
AM	162+29.56	49.38' RT 707.67
AN	162+33.02	41.38' RT 707.57
AO	162+34.49	42.06' RT 707.58
AP	162+35.03	41.38' RT 707.53
AQ	162+38.89	36.99' RT 707.19
AR	162+38.89	32.95' RT 706.95
AS	162+39.08	61.57' RT (707.63)
AT	162+40.53	62.19' RT (708.02)
AU	162+43.22	56.88' RT 707.56
AV	162+41.40	56.88' RT 707.58
AW	162+41.79	56.19' RT 707.57
AX	162+47.60	48.18' RT 707.47

STATION	OFFSET	ELEVATION
AY	162+47.92	47.82' RT 707.46
AZ	162+49.10	48.88' RT 707.45
BA	162+51.10	48.88' RT 707.48
BB	162+52.36	43.50' RT 707.33
BC	162+53.39	44.70' RT 707.77
BD	162+68.85	33.01' RT 706.94
BE	162+69.16	33.96' RT 706.95
BF	162+51.09	56.88' RT 706.60
BG	162+56.09	56.89' RT 707.93
BH	162+56.10	48.89' RT 707.81
BI	162+61.10	48.89' RT 707.84
BJ	162+61.09	56.89' RT 707.96
BK	162+85.02	30.39' RT 706.62
BL	162+85.02	32.97' RT 707.00
BM	162+85.02	48.89' RT 708.07
BN	162+85.02	56.89' RT 708.19

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOT AT THIS CHKD	
NOTE BOOK NO.		



FILE NAME = 090193-PPP-16



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**NORTH AURORA ROAD AT COMMERCIAL ENTRANCE (RAILWAY PLAZA)
INTERSECTION PAVING PLAN DETAIL**



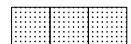
SCALE: 1"=5' SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	141
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

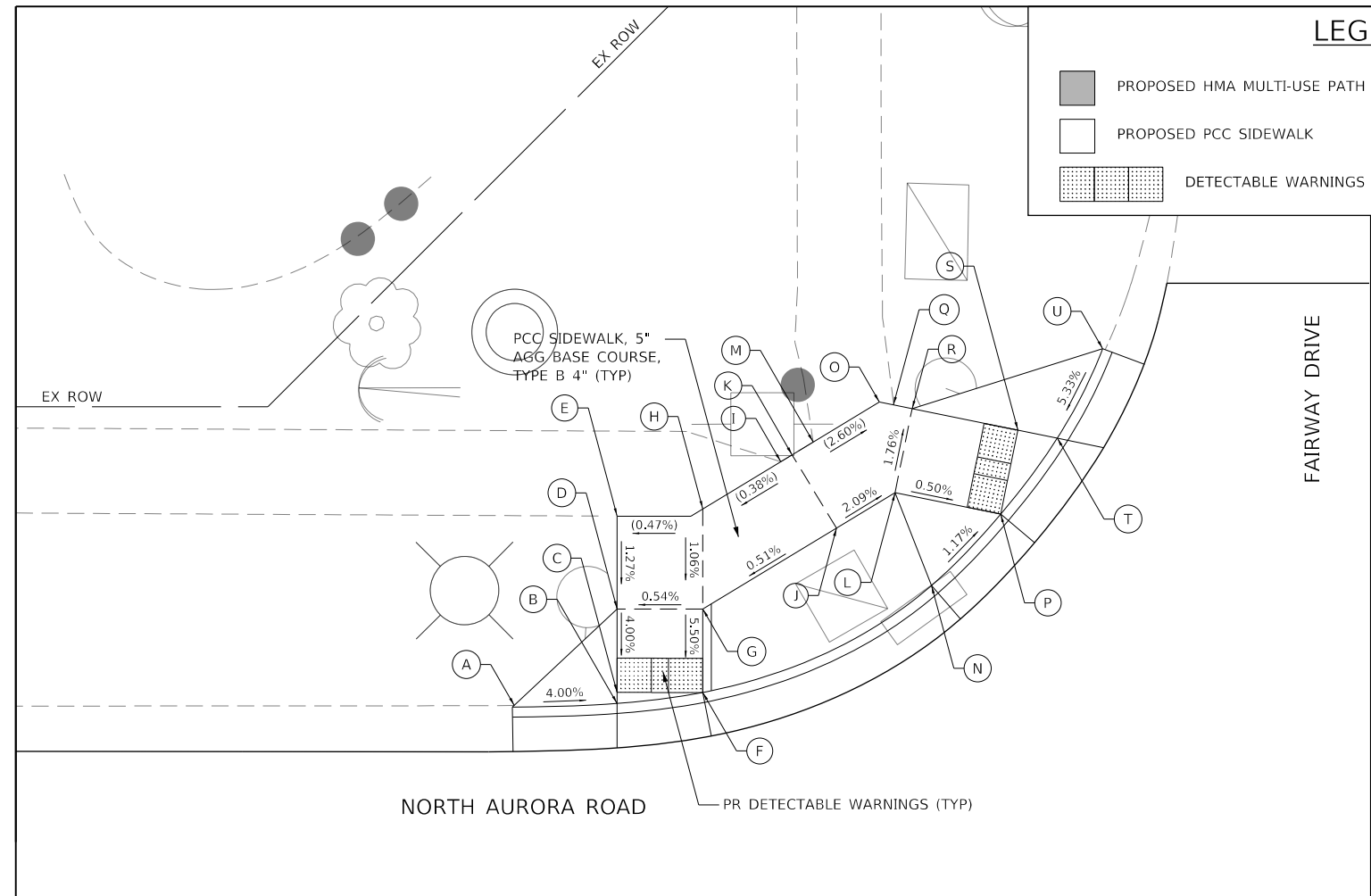




LEGEND

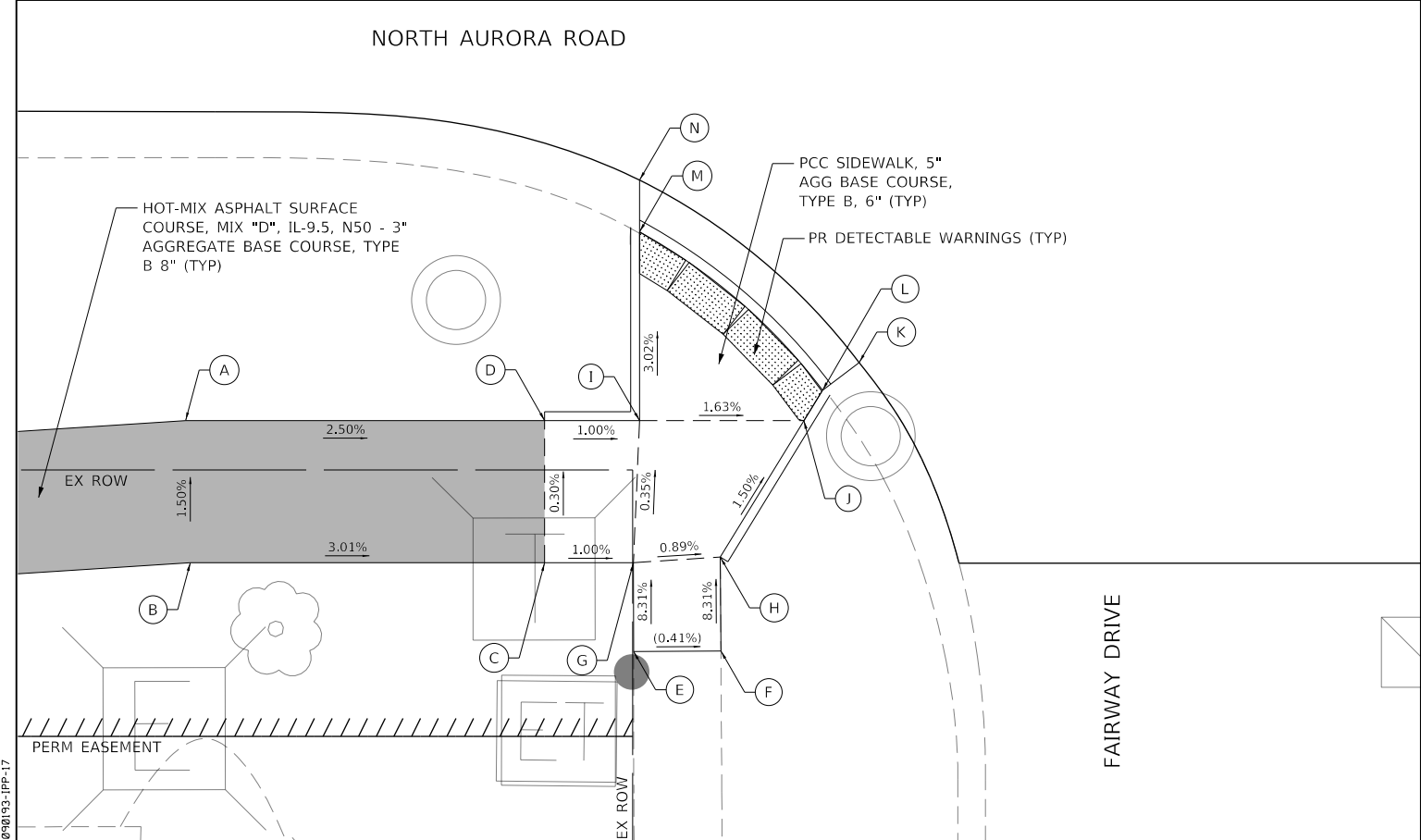
	PROPOSED HMA MULTI-USE PATH	(XXX.XX)	EXISTING ELEVATION
	PROPOSED PCC SIDEWALK	(X.XX%)	EXISTING SLOPE
	DETECTABLE WARNINGS		

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	DATE	
	BY	



	STATION	OFFSET	ELEVATION
A	166+77.25	32.04' LT	(709.20)
B	166+83.25	32.15' LT	708.96
C	166+83.25	32.79' LT	708.97
D	166+83.25	37.67' LT	709.16
E	166+83.25	43.09' LT	(709.23)
F	166+88.25	32.79' LT	708.92
G	166+88.25	37.66' LT	709.19
H	166+88.25	43.51' LT	(709.25)
I	166+92.80	46.26' LT	(709.23)
J	166+96.05	42.38' LT	709.24
K	166+93.46	46.66' LT	709.22
L	166+99.47	44.45' LT	709.15
M	166+94.69	47.41' LT	(709.21)
N	167+01.60	38.97' LT	709.19
O	166+98.55	49.74' LT	(709.09)
P	167+05.63	43.14' LT	709.12
Q	166+99.38	49.57' LT	(709.08)
R	167+00.47	49.35' LT	709.06
S	167+06.64	48.10' LT	709.03
T	167+08.94	47.63' LT	709.02
U	167+11.59	52.92' LT	(709.34)

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



	STATION	OFFSET	ELEVATION
A	166+57.66	47.75' RT	709.64
B	166+57.92	55.75' RT	709.76
C	166+77.87	55.75' RT	709.15
D	166+77.87	47.75' RT	709.13
E	166+82.88	60.75' RT	(709.52)
F	166+87.79	60.72' RT	(709.50)
G	166+82.87	55.75' RT	709.10
H	166+87.76	55.44' RT	709.06
I	166+83.22	47.75' RT	709.08
J	166+92.48	47.75' RT	708.93
K	166+95.59	44.49' RT	708.85
L	166+93.52	46.05' RT	708.79
M	166+83.23	37.13' RT	708.76
N	166+83.23	34.22' RT	708.81

FILE NAME = 090193-PP-17



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
PLOT SCALE = 50 SCALE	DRAWN - BMS	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD AT FAIRWAY DRIVE
INTERSECTION PAVING PLAN DETAIL**

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

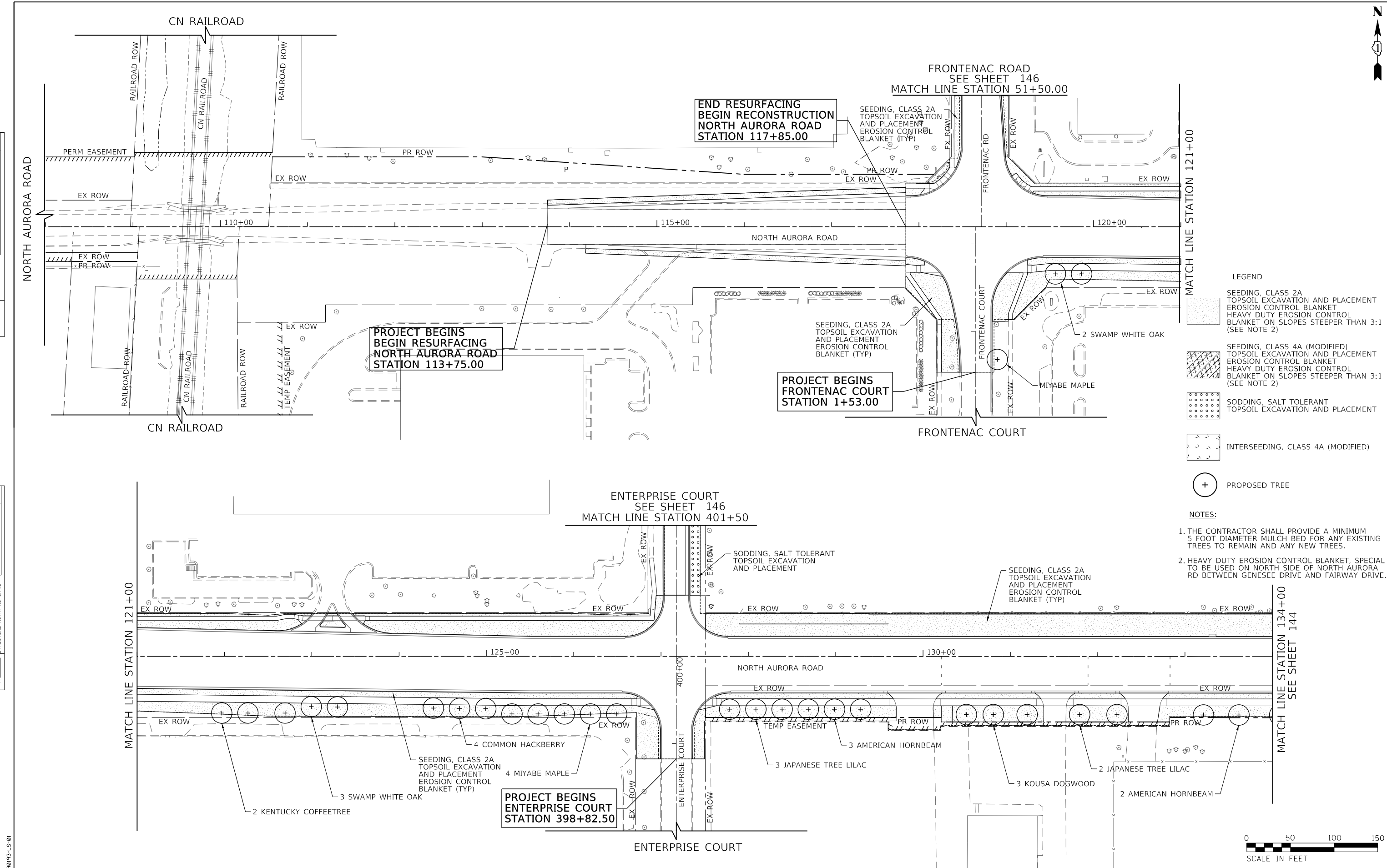


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	142
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				



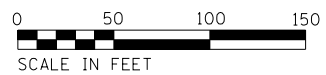
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.	NOTATIS CHFD	



- LEGEND**
- SEEDING, CLASS 2A TOPSOIL EXCAVATION AND PLACEMENT EROSION CONTROL BLANKET HEAVY DUTY EROSION CONTROL BLANKET ON SLOPES STEEPER THAN 3:1 (SEE NOTE 2)
 - SEEDING, CLASS 4A (MODIFIED) TOPSOIL EXCAVATION AND PLACEMENT EROSION CONTROL BLANKET HEAVY DUTY EROSION CONTROL BLANKET ON SLOPES STEEPER THAN 3:1 (SEE NOTE 2)
 - SODDING, SALT TOLERANT TOPSOIL EXCAVATION AND PLACEMENT
 - INTERSEEDING, CLASS 4A (MODIFIED)
 - PROPOSED TREE

- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE A MINIMUM 5 FOOT DIAMETER MULCH BED FOR ANY EXISTING TREES TO REMAIN AND ANY NEW TREES.
 2. HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL TO BE USED ON NORTH SIDE OF NORTH AURORA RD BETWEEN GENESEE DRIVE AND FAIRWAY DRIVE.



FILE NAME = 090193-LS-01



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

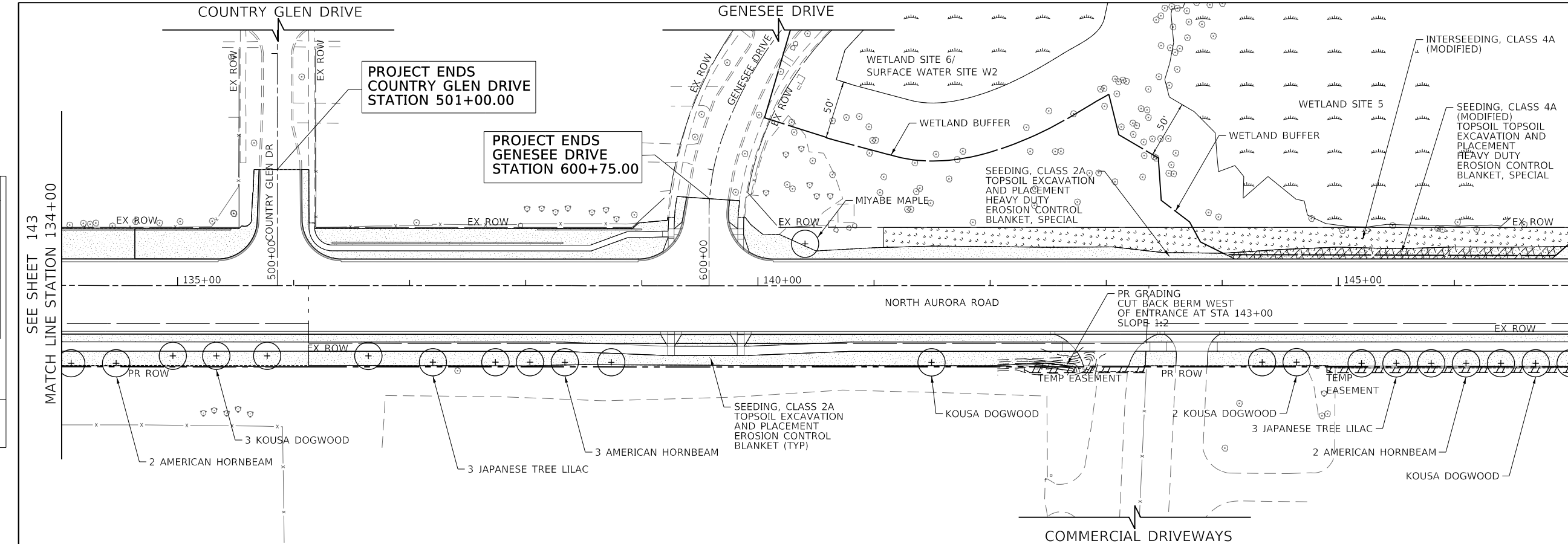
NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE LANDSCAPING	
SCALE: 1"=50'	SHEET 1 OF 4 SHEETS STA. 108+00.00 TO STA. 134+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	143
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



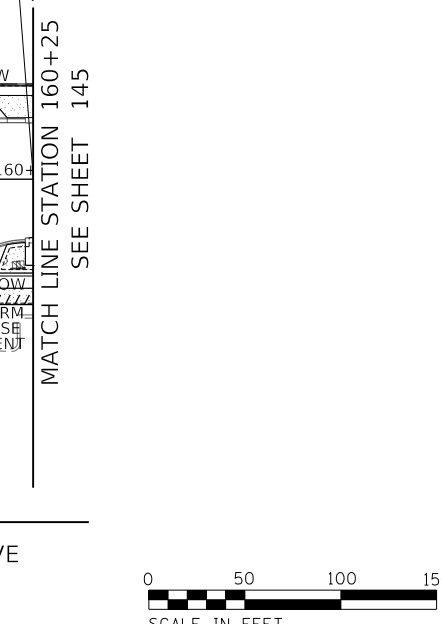
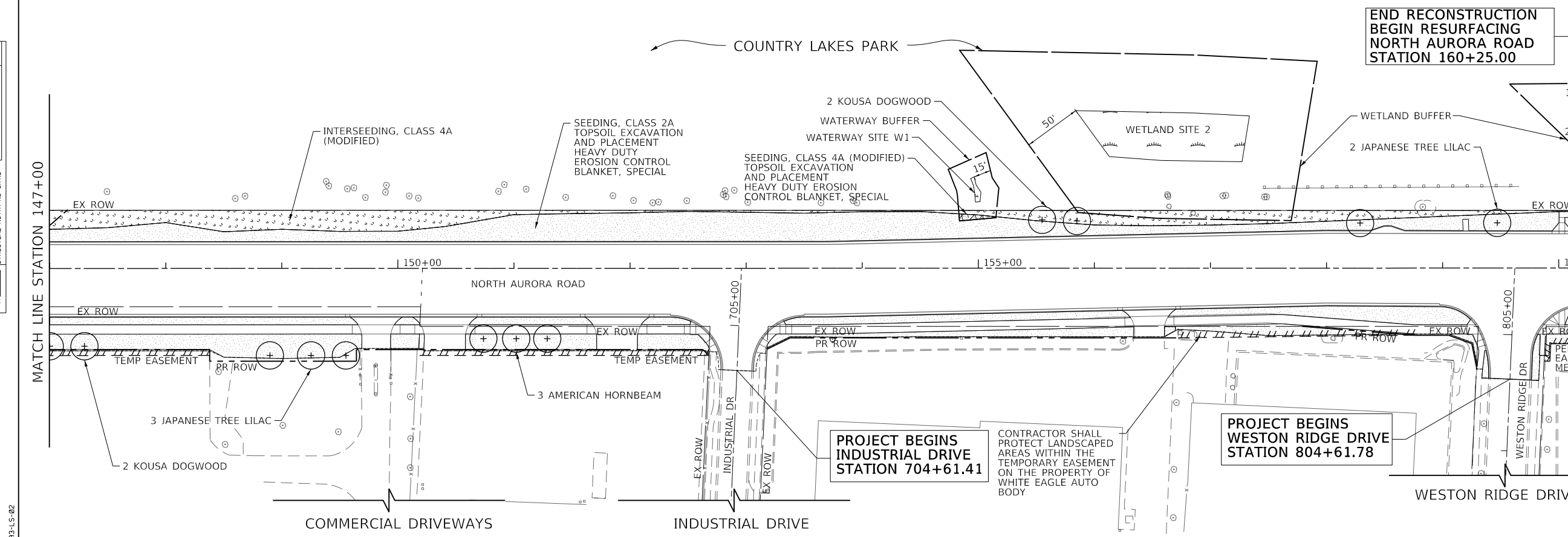
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



- LEGEND**
- SEEDING, CLASS 2A
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 - SEEDING, CLASS 4A (MODIFIED)
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 - SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT
 - INTERSEEDING, CLASS 4A (MODIFIED)
 - PROPOSED TREE

- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE A MINIMUM 5 FOOT DIAMETER MULCH BED FOR ANY EXISTING TREES TO REMAIN AND ANY NEW TREES.
 2. HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL TO BE USED ON NORTH SIDE OF NORTH AURORA RD BETWEEN GENESSEE DRIVE AND FAIRWAY DRIVE.



FILE NAME = 090193-LS-02



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
LANDSCAPING**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 134+00.00 TO STA. 160+25.00

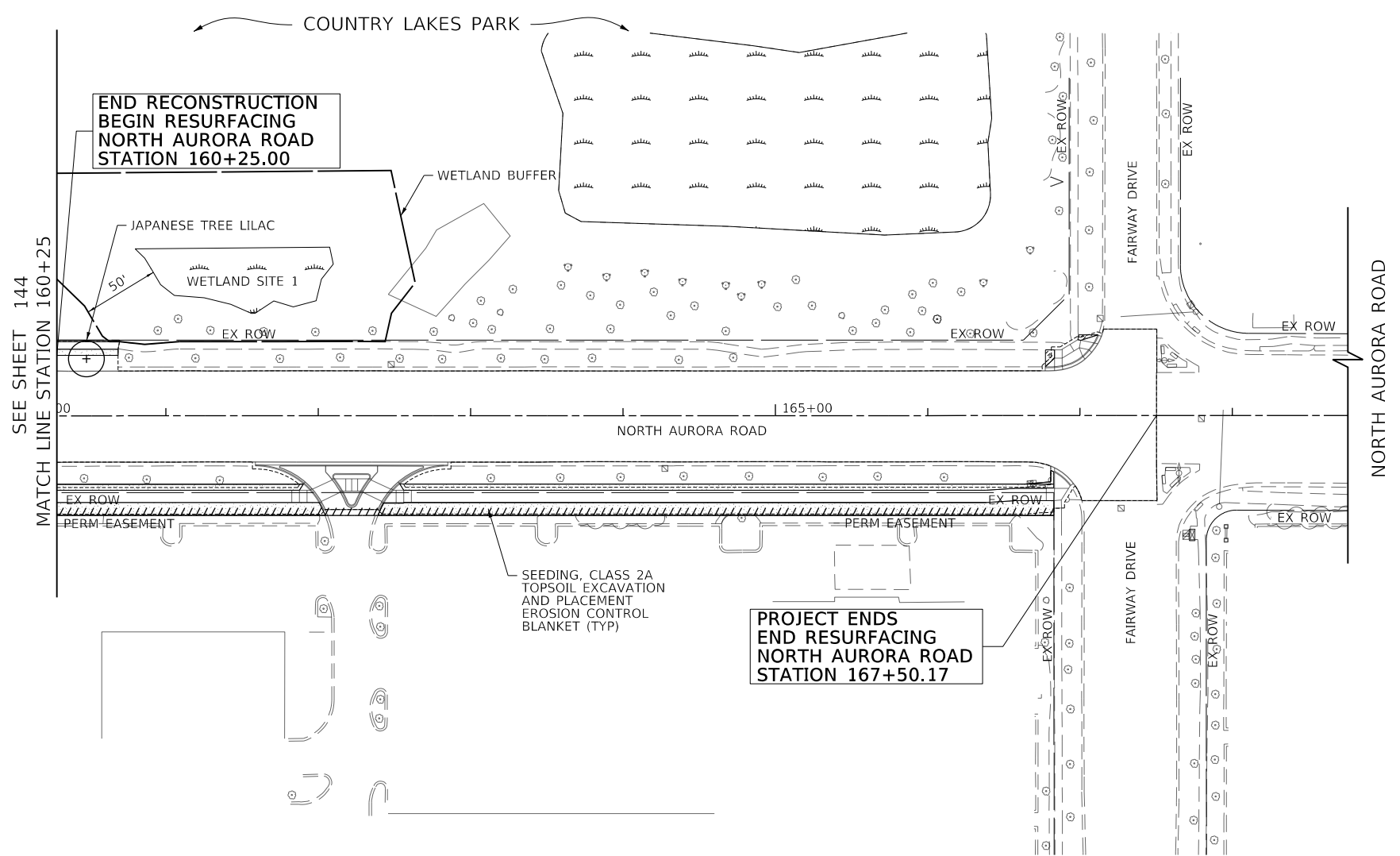
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	144
			CONTRACT NO.	61G19
ILLINOIS FED. AID PROJECT				



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

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIS CHKD	

FILE NAME : 090193-LS-03



- LEGEND**
- SEEDING, CLASS 2A
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 - SEEDING, CLASS 4A (MODIFIED)
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 - SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT
 - INTERSEEDING, CLASS 4A (MODIFIED)
 - PROPOSED TREE
- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE A MINIMUM 5 FOOT DIAMETER MULCH BED FOR ANY EXISTING TREES TO REMAIN AND ANY NEW TREES.
 2. HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL TO BE USED ON NORTH SIDE OF NORTH AURORA RD BETWEEN GENESEE DRIVE AND FAIRWAY DRIVE.

CODE NO.	COMMON NAME	STATION	OFFSET
A2006516	SWAMP WHITE OAK	119+56	54' RT
A2006516	SWAMP WHITE OAK	119+86	54' RT
A2005020	KENTUCKY COFFEETREE	121+97	65' RT
A2005020	KENTUCKY COFFEETREE	122+27	65' RT
A2006516	SWAMP WHITE OAK	122+69	65' RT
A2006516	SWAMP WHITE OAK	122+99	58' RT
A2006516	SWAMP WHITE OAK	123+29	58' RT
A2002920	COMMON HACKBERRY	124+39	59' RT
A2002920	COMMON HACKBERRY	124+69	60' RT
A2002920	COMMON HACKBERRY	124+99	60' RT
A2002920	COMMON HACKBERRY	125+29	66' RT
A2000320	MIYABE MAPLE	125+59	66' RT
A2000320	MIYABE MAPLE	125+89	66' RT
A2000320	MIYABE MAPLE	126+19	66' RT
A2000320	MIYABE MAPLE	126+49	66' RT
B2006220	JAPANESE TREE LILAC	127+79	61' RT
B2006220	JAPANESE TREE LILAC	128+09	61' RT
B2006220	JAPANESE TREE LILAC	128+39	61' RT
A2002520	AMERICAN HORNBEAM	128+69	61' RT
A2002520	AMERICAN HORNBEAM	128+99	61' RT
A2002520	AMERICAN HORNBEAM	129+29	61' RT
A3005110	KOUSA DOGWOOD	130+50	67' RT
A3005110	KOUSA DOGWOOD	130+81	67' RT
A3005110	KOUSA DOGWOOD	131+19	67' RT
B2006220	JAPANESE TREE LILAC	131+79	67' RT

CODE NO.	COMMON NAME	STATION	OFFSET
B2006220	JAPANESE TREE LILAC	132+22	67' RT
A2002520	AMERICAN HORNBEAM	133+21	67' RT
A2002520	AMERICAN HORNBEAM	133+62	67' RT
A2002520	AMERICAN HORNBEAM	134+08	67' RT
A2002520	AMERICAN HORNBEAM	134+47	67' RT
A3005110	KOUSA DOGWOOD	134+96	61' RT
A3005110	KOUSA DOGWOOD	135+33	61' RT
A3005110	KOUSA DOGWOOD	135+77	61' RT
B2006220	JAPANESE TREE LILAC	136+64	61' RT
B2006220	JAPANESE TREE LILAC	137+20	66' RT
B2006220	JAPANESE TREE LILAC	137+74	66' RT
A2002520	AMERICAN HORNBEAM	138+04	66' RT
A2002520	AMERICAN HORNBEAM	138+34	66' RT
A2002520	AMERICAN HORNBEAM	138+74	66' RT
A2000320	MIYABE MAPLE	140+41	36' LT
A3005110	KOUSA DOGWOOD	141+50	66' RT
A3005110	KOUSA DOGWOOD	144+34	66' RT
A3005110	KOUSA DOGWOOD	144+64	66' RT
B2006220	JAPANESE TREE LILAC	145+20	67' RT
B2006220	JAPANESE TREE LILAC	145+50	67' RT
B2006220	JAPANESE TREE LILAC	145+80	67' RT
A2002520	AMERICAN HORNBEAM	146+10	67' RT
A2002520	AMERICAN HORNBEAM	146+40	67' RT
A3005110	KOUSA DOGWOOD	146+70	67' RT
A3005110	KOUSA DOGWOOD	147+00	67' RT

CODE NO.	COMMON NAME	STATION	OFFSET
A3005110	KOUSA DOGWOOD	147+30	67' RT
B2006220	JAPANESE TREE LILAC	148+90	75' RT
B2006220	JAPANESE TREE LILAC	149+25	75' RT
B2006220	JAPANESE TREE LILAC	149+55	75' RT
A2002520	AMERICAN HORNBEAM	150+74	61' RT
A2002520	AMERICAN HORNBEAM	151+02	61' RT
A2002520	AMERICAN HORNBEAM	151+29	61' RT
A3005110	KOUSA DOGWOOD	155+55	42' LT
A3005110	KOUSA DOGWOOD	155+85	41' LT
B2006220	JAPANESE TREE LILAC	158+29	39' LT
B2006220	JAPANESE TREE LILAC	159+47	39' LT
B2006220	JAPANESE TREE LILAC	160+48	37' LT
FRONTENAC COURT			
A2000320	MIYABE MAPLE	1+68	25' RT

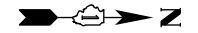


USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
DRAWN - BMS	REVISIED -	
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISIED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE LANDSCAPING	
SCALE: 1"=50'	SHEET 3 OF 4 SHEETS STA. 160+25.00 TO STA. 167+50.17

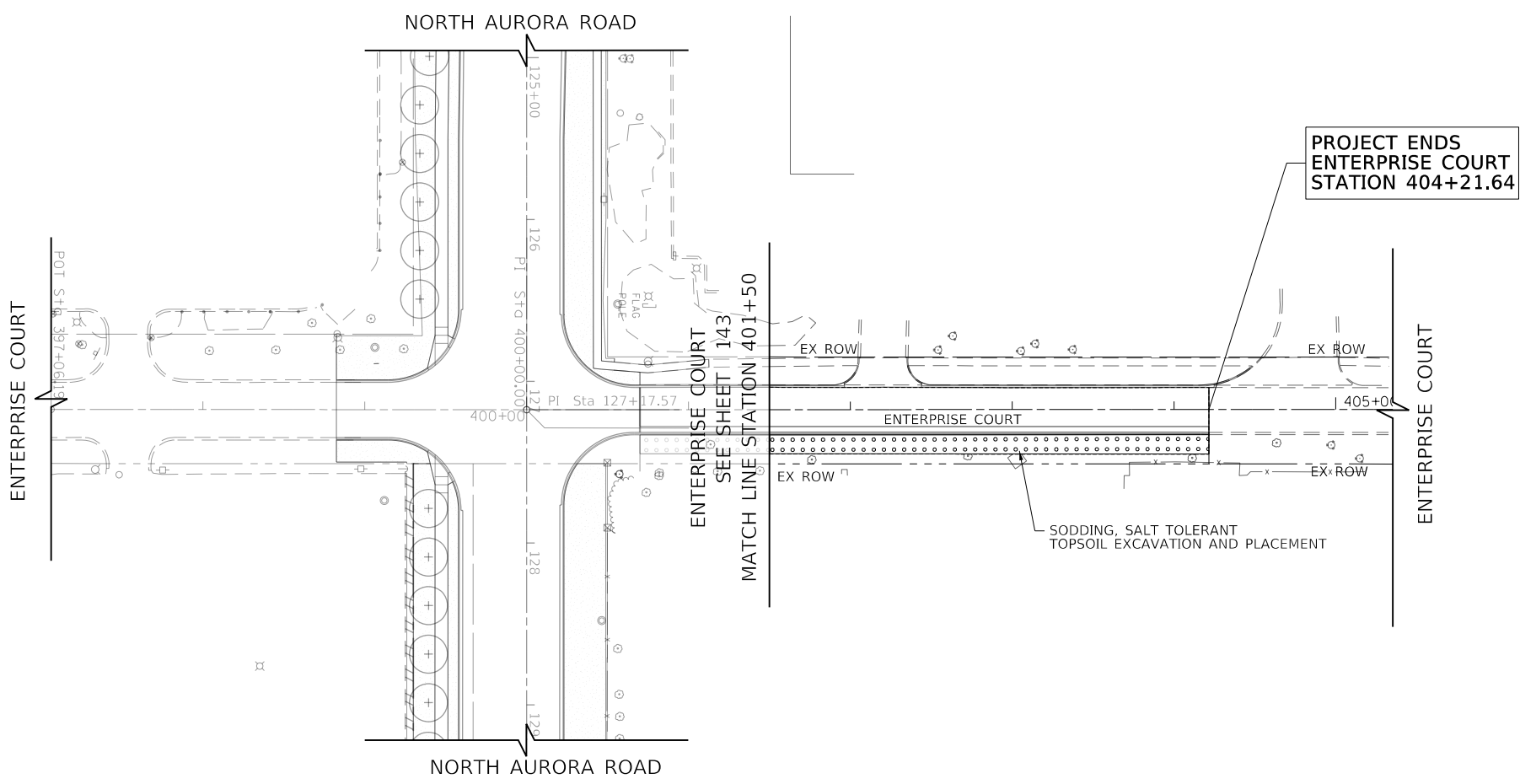
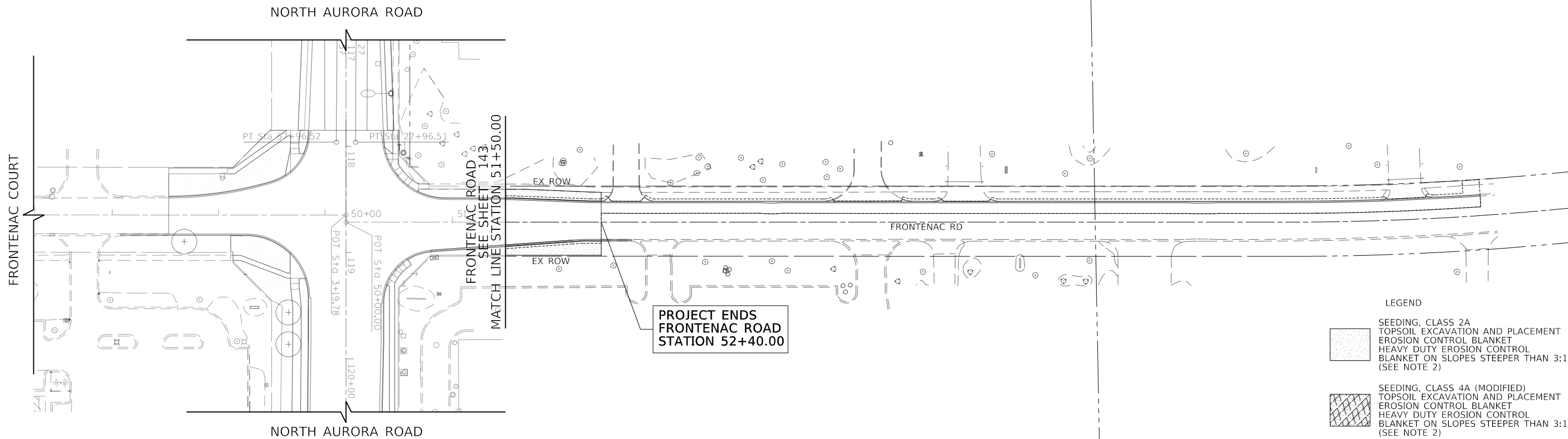
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	145
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				








PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALLOWED		
	CAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		

FILE NAME = 090193-LS-04



- LEGEND**
-  SEEDING, CLASS 2A
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 -  SEEDING, CLASS 4A (MODIFIED)
TOPSOIL EXCAVATION AND PLACEMENT
EROSION CONTROL BLANKET
HEAVY DUTY EROSION CONTROL
BLANKET ON SLOPES STEEPER THAN 3:1
(SEE NOTE 2)
 -  SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT
 -  INTERSEEDING, CLASS 4A (MODIFIED)
 -  PROPOSED TREE

- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE A MINIMUM 5 FOOT DIAMETER MULCH BED FOR ANY EXISTING TREES TO REMAIN AND ANY NEW TREES.
 2. HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL TO BE USED ON NORTH SIDE OF NORTH AURORA RD BETWEEN GENESEE DRIVE AND FAIRWAY DRIVE.



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
LANDSCAPING**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	146
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = 090193-PMK-00

EXISTING SIGNS AND REMOVALS								
EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL		REMOVE SIGN PANEL ASSEMBLY
						TYPE 1 (SQ FT)	TYPE A (EA)	TYPE B (EA)
NORTH AURORA ROAD (STA 147+00 TO 160+25)								
E4-1	STOP SIGN	MOUNTED ON FENCE	149+68.2	47.7' RT	RELOCATED BY OTHERS			
E4-2	STOP SIGN	MOUNTED ON FENCE	149+90.3	47.7' RT	RELOCATED BY OTHERS			
E4-3	ENTER	MOUNTED ON FENCE	150+21.6	46.9' RT	RELOCATED BY OTHERS			
E4-4	SPEED LIMIT 40 MPH	POST MOUNTED (GROUND)	150+36.9	27.5' LT	SIGN PANEL ASSEMBLY TO BE REMOVED		1	
E4-5	FIVE STAR	GROUND	151+15.7	59.7' RT	RELOCATED BY OTHERS			
E4-6	EXIT	MOUNTED ON FENCE	152+08.7	48.0' RT	RELOCATED BY OTHERS			
E4-7a	INDUSTRIAL DRIVE	LIGHTPOST	153+15.1	52.0' RT	SIGN PANEL TO BE REMOVED	3		
E4-7b	INDUSTRIAL DRIVE					3		
E4-7c	NORTH AURORA ROAD					3		
E4-7d	STOP SIGN					6.25		
E4-7e	A.D.O.P.T. ANIMALS DESERVING OF PROPER TREATMENT					3		
E4-7f	A.D.O.P.T. ANIMALS DESERVING OF PROPER TREATMENT					3		
E4-8	STRIP MALL	GROUND	155+05.3	60.2' RT	RELOCATED BY OTHERS			
E4-9	SOFT SHOULDER	LIGHTPOST	155+91.1	34.8' LT	SIGN PANEL TO BE REMOVED	9		
E4-10a	ENTER ONLY	POST MOUNTED (GROUND)	156+31.9	49.3' RT	RELOCATED BY OTHERS			
E4-10b	NO EXIT							
E4-11a	ENTER ONLY	POST MOUNTED (GROUND)	156+62.5	54.2' RT	RELOCATED BY OTHERS			
E4-11b	NO EXIT							
E4-12	SPEED LIMIT 40 MPH	LIGHTPOST	157+16.4	39.8' RT	SIGN PANEL TO BE REMOVED	7.5		
E4-13	TWO WAY LEFT TURN ONLY	POST MOUNTED (GROUND)	157+52.9	36.3' LT	SIGN PANEL ASSEMBLY TO BE REMOVED		1	
E4-14	RIGHT LANE ENDS	POST MOUNTED (GROUND)	158+37.9	36.6' LT	SIGN PANEL ASSEMBLY TO BE REMOVED		1	
E4-15	COUNTRY LAKES PARK	POST MOUNTED (GROUND)	158+69.8	80.2' LT	SIGN PANEL ASSEMBLY TO REMAIN			
E4-16	VEHICLE EMISSION TEST STATION	POST MOUNTED (GROUND)	158+90.5	36.7' RT	SIGN PANEL ASSEMBLY TO BE REMOVED		1	
E4-17	WHITE EAGLE AUTO AND BODY	GROUND	159+10.1	74.2' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E4-18	WESTON RIDGE DRIVE	TRAFFIC SIGNAL MAST ARM	159+15.5	39.7' LT	SIGN PANEL TO BE REMOVED	4		
E4-19a	FOLDED STOP SIGN	SIGNAL POST	159+22.6	43.4' RT	SIGN PANEL TO BE REMOVED	6.25		
E4-19b	FOLDED STOP SIGN					6.25		
E4-20	NORTH AURORA ROAD	SIGNAL POST	159+63.3	37.0' LT	SIGN PANEL TO BE REMOVED	4		
E4-21a	ADVANCE INTERSECTION LANE CONTROL (LEFT, RIGHT ONLY)	POST MOUNTED (GROUND)	159+77.4	157.5' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E4-21b	NO PARKING							
E4-22	FOLDED STOP SIGN	SIGNAL POST	159+82.7	60.4' RT	SIGN PANEL TO BE REMOVED	6.25		
E4-23	PATELLI'S DRIVE THRU	POST MOUNTED (GROUND)	159+94.3	62.8' RT	RELOCATED BY OTHERS			
E4-24a	FOLDED STOP SIGN	SIGNAL POST	160+03.4	37.0' LT	SIGN PANEL TO BE REMOVED	6.25		
E4-24b	VEHICLE EMISSION TEST STATION					7.5		
E4-25	WESTON RIDGE DRIVE	TRAFFIC SIGNAL MAST ARM	160+09.5	42.5' RT	SIGN PANEL TO BE REMOVED	4		
NORTH AURORA ROAD (STA 160+25 TO 167+50.17)								
E5-1	RAILWAY PLAZA	GROUND	161+03.8	77.5' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-2	PATELLI'S DRIVE THRU	POST MOUNTED (GROUND)	161+99.5	64.3' RT	RELOCATED BY OTHERS			
E5-3a	NO SEMI TRUCKS	POST MOUNTED (GROUND)	162+04.6	85.4' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-3b	PRIVATE TOWING							
E5-4a	RIGHT TURN ONLY	POST MOUNTED (GROUND)	162+40.3	68.5' RT	SIGN PANEL ASSEMBLY TO BE REMOVED			1
E5-4b	STOP SIGN							
E5-4c	DO NOT ENTER							
E5-5	NO LEFT TURN	POST MOUNTED (GROUND)	162+94.6	36.1' LT	SIGN PANEL ASSEMBLY TO BE REMOVED		1	
E5-6	RAILWAY PLAZA	GROUND	163+49.8	77.0' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-7a	SPEED LIMIT 40 MPH	LIGHTPOST	164+18.4	38.1' LT	SIGN PANEL ASSEMBLY TO BE REMOVED			1
E5-7b	NO PARKING (SYMBOL)							
E5-8	BRISTOL STATION	POST MOUNTED (GROUND)	164+77.8	67.1' LT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-9a	RESERVED PARKING	POST MOUNTED (GROUND)	165+31.6	68.5' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-9b	\$250 FINE							
E5-10a	RESERVED PARKING	POST MOUNTED (GROUND)	165+49.7	68.5' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-10b	\$250 FINE							
E5-11a	RESERVED PARKING	POST MOUNTED (GROUND)	165+67.3	68.3' RT	SIGN PANEL ASSEMBLY TO REMAIN			
E5-11b	\$250 FINE							
					SUBTOTAL 2:	82.3	5	2



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE EXISTING SIGN AND REMOVAL SCHEDULE	
SCALE: NONE	SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	148
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	ALIGNMENT	
	STRUCTURE	
	NOT AT THIS OFFICE	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	ALIGNMENT	
	STRUCTURE	
	NOT AT THIS OFFICE	
	CADD FILE NAME	

EXISTING SIGNS AND REMOVALS

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION	REMOVE SIGN PANEL	
						TYPE 1 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY
						TYPE A (EA)	TYPE B (EA)
E5-12	DRAFT PICKS	GROUND	165+86.0	76.3' RT	SIGN PANEL ASSEMBLY TO REMAIN		
E5-13	CARRY OUT PARKING	POST MOUNTED (GROUND)	165+95.7	68.4' RT	SIGN PANEL ASSEMBLY TO REMAIN		
E5-14	CARRY OUT PARKING	POST MOUNTED (GROUND)	166+04.7	68.4' RT	SIGN PANEL ASSEMBLY TO REMAIN		
E5-15	BRISTOL STATION	GROUND	166+79.0	69.6' LT	SIGN PANEL ASSEMBLY TO REMAIN		
E5-16a	TRUCK ROUTE	SIGNAL POST	166+81.5	38.4' LT	SIGN PANEL TO BE REMOVED	6.25	
E5-16b	ARROW				SIGN PANEL TO REMAIN	2.19	
E5-16c	FAIRWAY DRIVE						
E5-17a	TURNING TRAFFIC MUST YIELD TO PEDESTRIANS	SIGNAL POST	166+91.2	55.1' RT	SIGN PANEL TO BE REMOVED	6.25	
E5-17b	NORTH AURORA ROAD				SIGN PANEL TO REMAIN		
E5-18	TURNING VEHICLES YIELD TO PEDESTRIANS	SIGNAL POST	167+02.4	50.5' LT	SIGN PANEL TO BE REMOVED	6.25	
SUBTOTAL 3:						20.9	0
SUBTOTAL 2:						82.3	5
SUBTOTAL 1:						56.5	9
TOTAL:						159.7	14

FILE NAME = 090193-PK4-00



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
EXISTING SIGN AND REMOVAL SCHEDULE

SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	149
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	CAD FILE NAME	

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

SHEET 1	E1-1 R1-1 (FOLDED) 30" X 30"	E1-3c R1-1 (FOLDED) 30" X 30"	E1-4 R1-1 (FOLDED) 30" X 30"	E1-5a R5-1102a 24" X 24"	E1-5b 18" X 24"	E1-5c R7-201aP 12" X 6"	E1-7 R1-1 (FOLDED) 30" X 30"					
SHEET 2	E2-2a R1-1 30" X 30"	E2-2b R5-1 30" X 30"	E2-3 R3-2 36" X 36"	E2-6b D3-1 (TWO-SIDED) 54" X 12"	E2-6c D3-1 (TWO-SIDED) 72" X 12"	E2-7 R1-1 30" X 30"	E2-8 R2-1 30" X 36"	E2-12 R2-1 30" X 36"				
SHEET 3	E3-1 D3-1 72" X 12"	E3-3 R1-1 30" X 30"	E3-8a R1-1 (FOLDED) 30" X 30"	E3-8b R1-1 (FOLDED) 30" X 30"	E3-8c W1-7 48" X 24"	E3-11 R1-1 (FOLDED) 30" X 30"	E3-12 R2-1 30" X 36"					
SHEET 4	E4-4 R2-1 30" X 36"	E4-7b D3-1 (TWO-SIDED) 54" X 12"	E4-7c D3-1 (TWO-SIDED) 72" X 12"	E4-7d R1-1 30" X 30"	E4-7e 24" X 18"	E4-7f 24" X 18"	E4-12 R2-1 30" X 36"	E4-16 30" X 36"	E4-19a R1-1 (FOLDED) 30" X 30"	E4-22 R1-1 (FOLDED) 30" X 30"	E4-24a R1-1 (FOLDED) 30" X 30"	E4-24b I-3 30" X 36"
SHEET 5	E5-4a R3-5R 30" X 36"	E5-4b R1-1 30" X 30"	E5-4c R5-1 30" X 30"	E5-5 R3-2 36" X 36"	E5-7a R2-1 30" X 36"	E5-7b R8-3 30" X 30"	E5-16a R14-1 24" X 18"	E5-16b M6-3 21" X 15"	E5-18 R10-15 30" X 30"			

FILE NAME = 090193-PK4-00



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

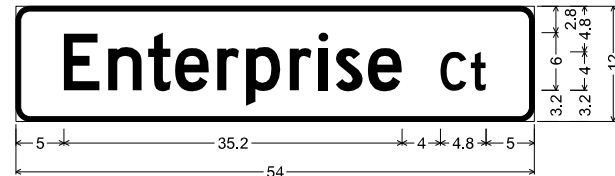
NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE PROPOSED SIGNS	
SCALE: NONE	SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	151
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

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

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

SIGN NUMBER E2-6b



1.5" Radius, 0.5" Border, White on Green;

[Enterprise Ct] D 2K;

Reflective Type AP Sheeting

Table of letter and object lefts.

E	n	t	e	r	p	r	i	s	e	C	t
5.0	9.6	13.8	16.6	21.0	24.0	28.5	31.5	33.3	36.7	44.2	47.4

SIGN NUMBER E4-7b



1.5" Radius, 0.5" Border, White on Green;

[Industrial Dr] D 2K;

Reflective Type AP Sheeting

Table of letter and object lefts.

I	n	d	u	s	t	r	i	a	l	D	r
6.3	8.6	13.0	17.8	22.1	25.2	28.3	31.3	33.1	37.7	42.6	46.2

SIGN NUMBER E2-6c, E4-7c



1.5" Radius, 0.5" Border, White on Green;

[North Aurora Rd] D 2K;

Reflective Type AP Sheeting

Table of letter and object lefts.

N	o	r	t	h	A	u	r	o	r	a	R	d
6.8	11.9	16.5	19.0	22.1	31.6	37.4	42.2	44.9	49.6	52.3	59.7	62.8

SIGN NUMBER E3-1



1.5" Radius, 0.5" Border, White on Green;

[Country Glen Dr] D 2K;

Reflective Type AP Sheeting

Table of letter and object lefts.

C	o	u	n	t	r	y	G	l	e	n	D	r
6.6	11.7	16.2	21.0	25.1	28.2	30.7	41.2	46.5	48.4	52.8	60.3	63.8

FILE NAME = 090193-PK4-00



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
PROPOSED SIGN DETAILS

SCALE: NONE SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	152
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	

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




PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING LINE 4" (WHITE LINES - 10' LINE 30' SPACE)
- ② THERMOPLASTIC PAVEMENT MARKING LINE 4" (2 YELLOW LINES AT 11" C-C)
- ③ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ④ PAINT PAVEMENT MARKING LINE 6" (WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE LINES - 2' LINE 6' SPACE)
- ⑥ TWO-WAY LEFT TURN LANE -
THERMOPLASTIC PAVEMENT MARKING YELLOW LANE LINE 4" (10' LINE 30' SPACE)
THERMOPLASTIC PAVEMENT MARKING YELLOW SOLID LINE 4"
5 1/2" C-C BETWEEN SOLID LINE AND SKIP DASH LINE
- ⑦ THERMOPLASTIC PAVEMENT MARKING LINE 12" (WHITE DIAGONALS AT 3' C-C)
- ⑧ PAINT PAVEMENT MARKING LINE 12" (WHITE DIAGONALS AT 3' C-C)
- ⑨ THERMOPLASTIC PAVEMENT MARKING LINE 12" (YELLOW DIAGONALS AT 20' SPACING)
- ⑩ THERMOPLASTIC PAVEMENT MARKING LINE 12" (YELLOW DIAGONALS AT 50' SPACING)
- ⑪ THERMOPLASTIC PAVEMENT MARKING LINE 12" (YELLOW DIAGONALS AT 75' SPACING)
- ⑫ THERMOPLASTIC PAVEMENT MARKING LINE 24" (WHITE)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- ⑭ RAISED REFLECTIVE PAVEMENT MARKER (TO BE PLACED ACCORDING TO DISTRICT DETAIL TC-11)
- ⑮ THERMOPLASTIC PAVEMENT MARKING LINE 8" (WHITE LINES - 3' LINE 9' SPACE)
- ⑯ THERMOPLASTIC PAVEMENT MARKING LINE 8" (WHITE)
- ⑰ THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW)
- ⑱ THERMOPLASTIC PAVEMENT MARKING LINE 4" (WHITE)
- ⑲ THERMOPLASTIC PAVEMENT MARKING LINE 12" (WHITE DIAGONALS AT 10' SPACING)







PAVEMENT MARKING NOTES:

1. ALL SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN AND PROFILE SHEETS AND THE INTERSECTION PAVING PLAN DETAIL SHEETS.
2. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. THERMOPLASTIC PAVEMENT MARKINGS ON HMA PAVEMENT (NORTH AURORA ROAD).
3. DIMENSIONS TO PAVEMENT MARKINGS SHALL BE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF THE GAP FOR DOUBLE LINES UNLESS OTHERWISE INDICATED.
4. TURN LANES MARKINGS (ARROW AND "ONLY") TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAILS.
5. MEDIAN DIAGONAL LINE PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKING DETAILS.
6. RAISED REFLECTIVE PAVEMENT MARKERS TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS DETAIL.

PAVEMENT MARKING SYMBOL LEGEND

-  TURN ARROW (LEFT OR RIGHT ARROW)
15.6 SQ. FT.
-  ONLY LETTERS
20.8 SQ. FT.
-  RIGHT TURN/THROUGH ARROW
25.5 SQ. FT.

SIGN LEGEND

-  PROPOSED SIGN SUPPORT
-  EXISTING SIGN SUPPORT
-  NEW SIGN PANEL (TYPE 1 OR 2)
W/ MUTCD SIGN CODE & SIGN NUMBER
SEE SIGN SCHEDULE ON SHEET NO. 151 THRU 152
(ALL SIGNS SHALL USE TYPE ZZ SHEETING)
-  EXISTING SIGN TO REMAIN IN PLACE SEE
SIGN SCHEDULE ON SHEET NO. 147 THRU 149
-  EXISTING SIGN TO BE REMOVED
NEW SIGN PANEL MATCHING EXISTING
SIGN TO BE INSTALLED AT LOCATION
SHOWN ON SIGN SCHEDULE ON SHEET NO. 150
-  EXISTING SIGN TO BE REMOVED SEE
SIGN SCHEDULE ON SHEET NO. 147 THRU 149

SIGNING NOTES:

1. ALL EXISTING PRIVATE SIGNS WITHIN THE RIGHT-OF-WAY THAT INTERFERE WITH CONSTRUCTION OPERATIONS WILL BE REMOVED AND REPLACED BY OTHERS. THE CONTRACTOR SHALL NOTIFY THE OWNERS PRIOR TO START OF CONSTRUCTION.

FILE NAME = 090193-PMK-00



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
PAVEMENT MARKING AND SIGNING LEGEND AND NOTES**

SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	153
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

FILE NAME = 090193-PMK-01

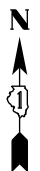
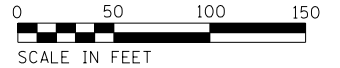
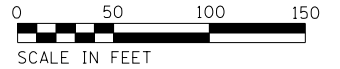
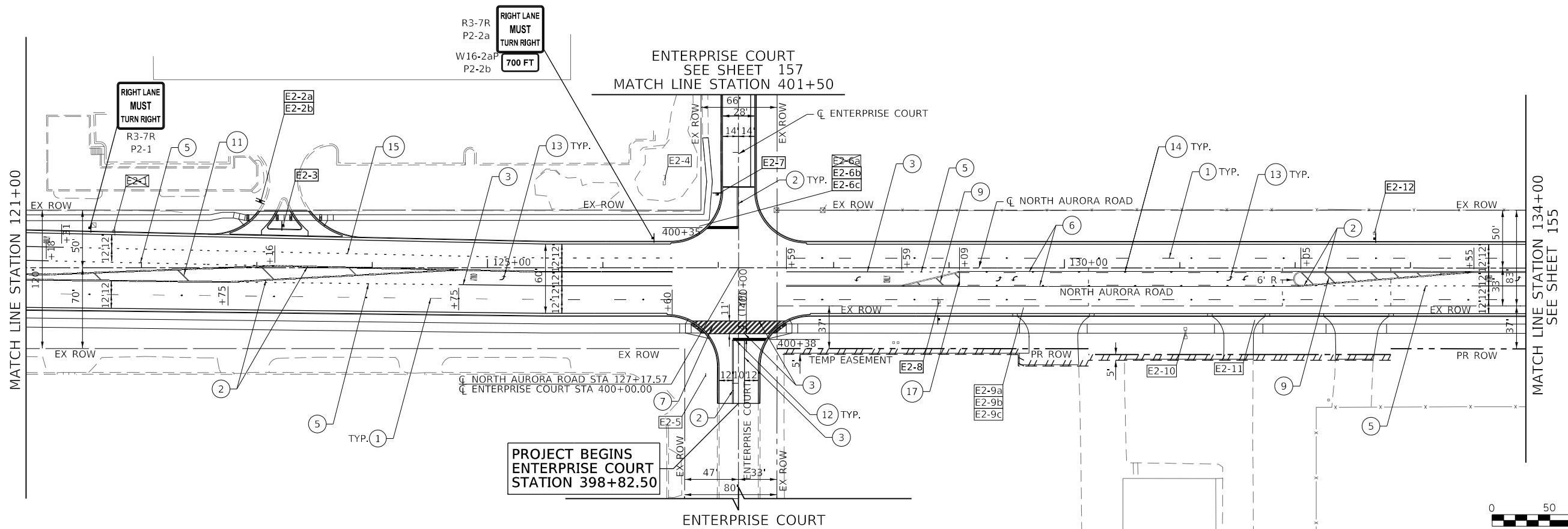
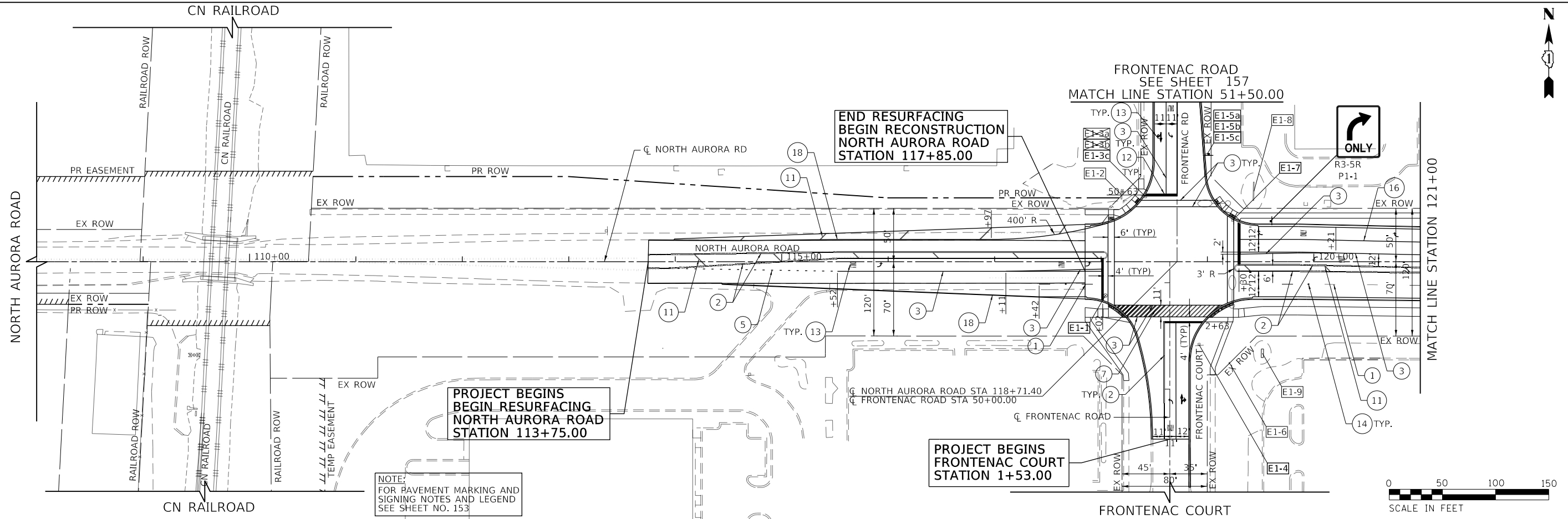


USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE PAVEMENT MARKING AND SIGNING	
SCALE: 1"=50'	SHEET 8 OF 11 SHEETS
STA. 108+00.00	TO STA. 134+00.00

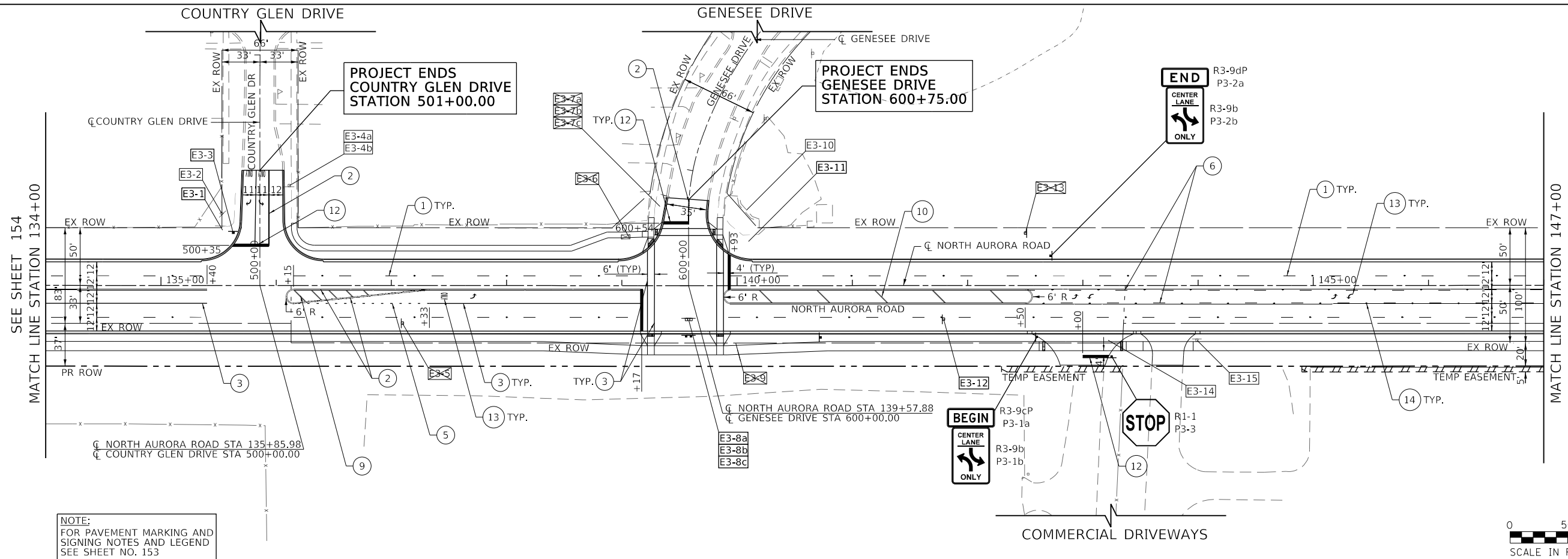
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	154
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	



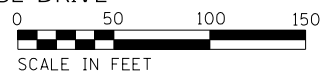
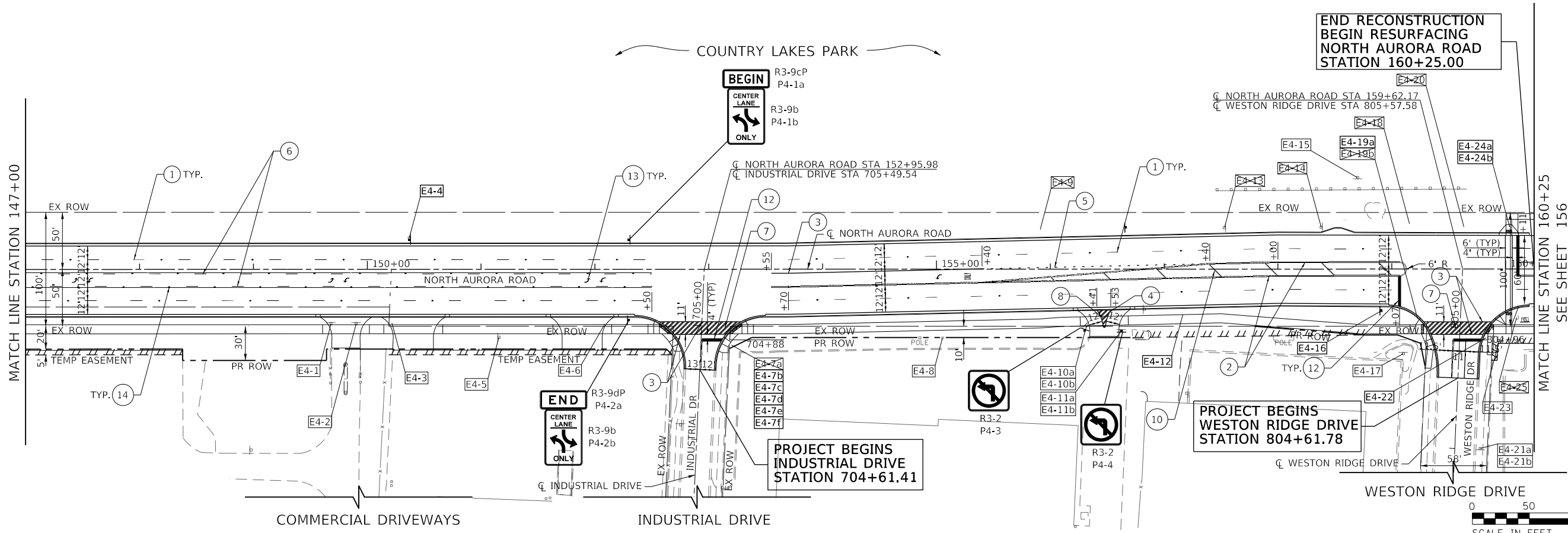
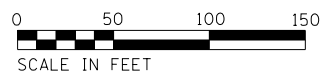
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO. _____	

FILE NAME = 090193-PMK-02



NOTE:
FOR PAVEMENT MARKING AND
SIGNING NOTES AND LEGEND
SEE SHEET NO. 153



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
DRAWN - BMS	REVISOR -	
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISOR -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
PAVEMENT MARKING AND SIGNING

SCALE: 1"=50' SHEET 9 OF 11 SHEETS STA. 134+00.00 TO STA. 160+25.00

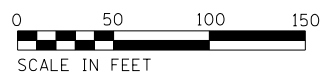
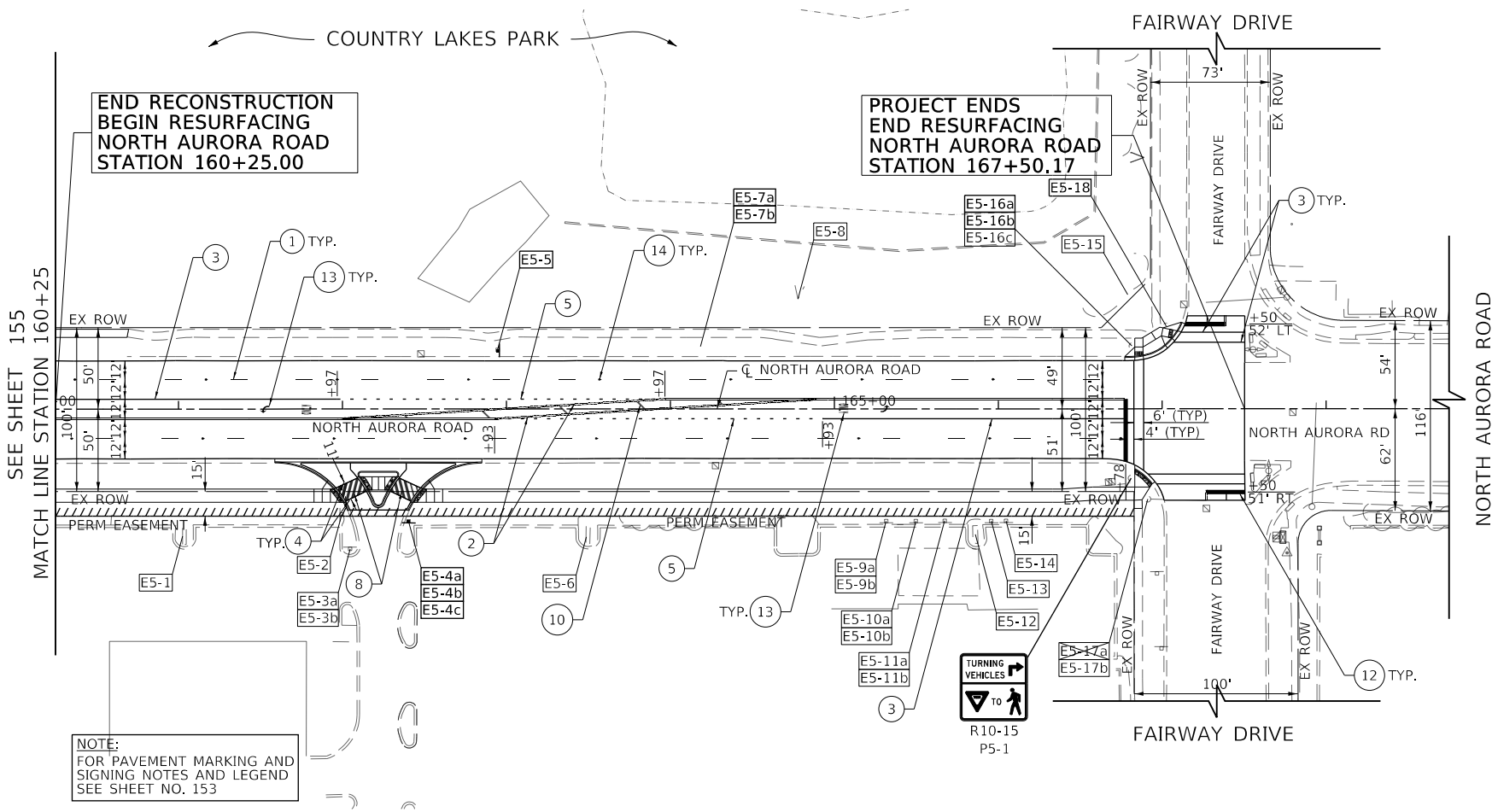
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	155
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

FILE NAME = 090193-PMK-03



USER NAME = brvanderwal	DESIGNED - AMK	REVISED -
	DRAWN - BMS	REVISED -
PLOT SCALE = 50' SCALE	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD
FRONTENAC ROAD TO FAIRWAY DRIVE
PAVEMENT MARKING AND SIGNING**

SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 106+25.00 TO STA. 167+50.17

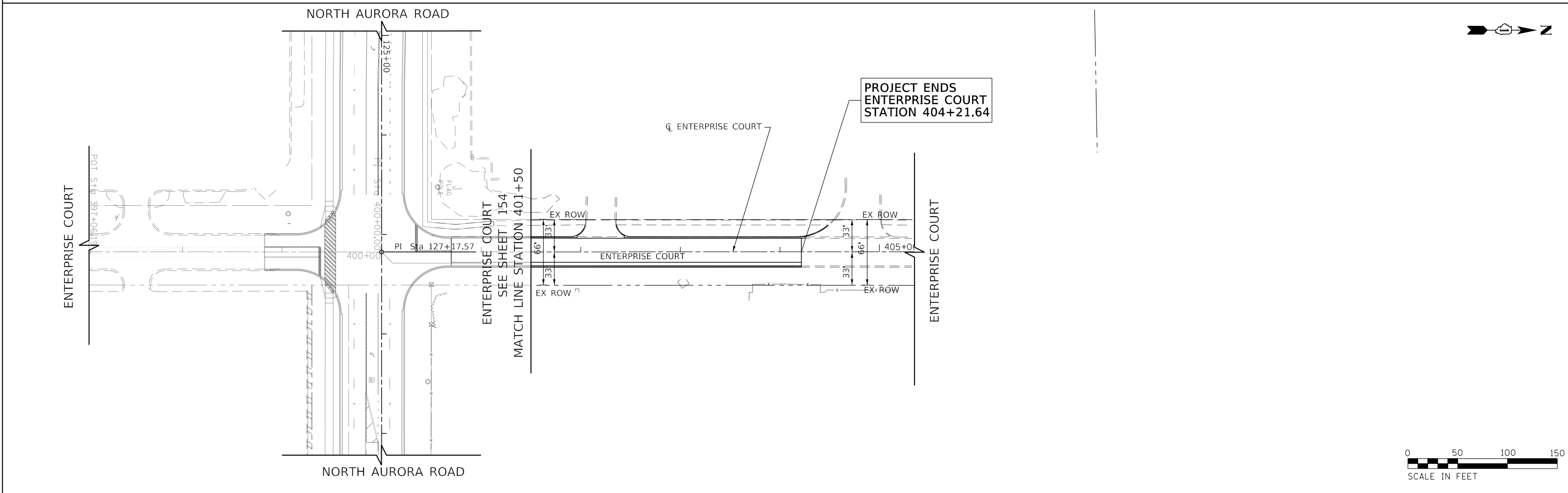
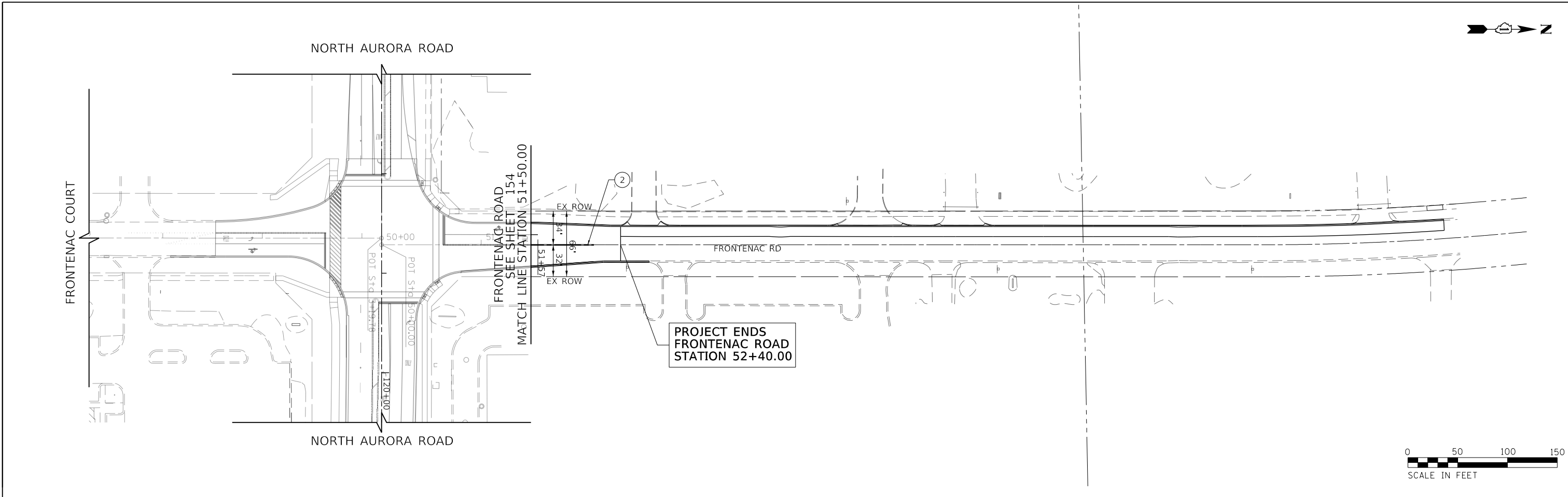
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	156
				CONTRACT NO. 61G19

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = 098193-PMK-04



	USER NAME = brvanderwal	DESIGNED - AMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH AURORA ROAD FRONTENAC ROAD TO FAIRWAY DRIVE PAVEMENT MARKING AND SIGNING		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50 SCALE	CHECKED - BVW	REVISED -		SCALE: 1"=50'	SHEET 11 OF 11 SHEETS	STA. TO STA.	1509	08-00140-00-PV	DuPAGE	332
	PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -				CONTRACT NO. 61G19				
							ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

NO	PAY ITEM NAME	UNIT	QTY TOTAL	NORTH AURORA RD & FRONTENAC RD	NORTH AURORA RD & GENESEE DR	NORTH AURORA RD & WESTON RIDGE DR	NORTH AURORA RD & FAIRWAY DR	NORTH AURORA RD INTERCONNECT	MOT / DETOUR
1	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	0.33	0.33	0.33			
2	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	6,120	604	760	881		3,875	
3	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	369	155	135	79			
4	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,260	484	316	460			
5	HANDHOLE	EACH	15	5	4	2		4	
6	HEAVY-DUTY HANDHOLE	EACH	8	4	1	3			
7	DOUBLE HANDHOLE	EACH	6	2	2	2			
8	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8	4	2	2			
9	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1		
10	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	3	1	1	1			
11	TRANSCEIVER - FIBER OPTIC	EACH	3	1	1	1			
12	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5,330					5,330	
13	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,650	1,425	780	445			
14	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,690	1,805	1,115	770			
15	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,730	2,040	1,890	1,800			
16	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,900	1,690	435	775			
17	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,545	1,455	1,630	1,670	790		
18	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	525	165	210	150			
19	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,950	785	525	640			
20	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8	4	2	2			
21	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1				
22	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1		1				
23	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1		1				
24	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1	1					
25	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1	1					
26	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1			1			
27	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1	1					
28	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	1					
29	CONCRETE FOUNDATION, TYPE A	FOOT	56	24	16	16			
30	CONCRETE FOUNDATION, TYPE C	FOOT	12	4	4	4			
31	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	98	54	33	11			
32	DRILL EXISTING FOUNDATION	EACH	2			2			
33	DRILL EXISTING HANDHOLE	EACH	4			2		2	
34	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1			1			
35	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	17	6	6	5			
36	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	13	4	5	4			
37	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7	4	1	2			
38	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7	4	1	2			
39	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18	8	6	4			
40	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	24	10	7	7			
41	INDUCTIVE LOOP DETECTOR	EACH	20	7	6	7			
42	DETECTOR LOOP, TYPE I	FOOT	1,757	766	421	570			
43	DETECTOR LOOP REPLACEMENT	FOOT	310				310		
44	LIGHT DETECTOR	EACH	6	2	2	2			
45	LIGHT DETECTOR AMPLIFIER	EACH	3	1	1	1			
46	PEDESTRIAN PUSH-BUTTON	EACH	18	8	6	4			
47	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1	1			
48	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1	1			
49	REMOVE EXISTING HANDHOLE	EACH	19	6	1	3		9	
50	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2	1		1			

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

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

FILE NAME = 090193-INT-15001



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD - FRONTENAC ROAD TO FAIRWAY DRIVE
TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET 1 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	158
			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

NO	PAY ITEM NAME	UNIT	QTY TOTAL	NORTH AURORA RD & FRONTENAC RD	NORTH AURORA RD & GENESEE DR	NORTH AURORA RD & WESTON RIDGE DR	NORTH AURORA RD & FAIRWAY DR	NORTH AURORA RD INTERCONNECT	MOT / DETOUR
51	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7			7			
52	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	910	335	285	290			
53	ROD AND CLEAN EXISTING CONDUIT	FOOT	244				244		
54	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	10	4	3	3			
55	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC)2/C NO. 10 AND NO. 10 GROUND	FOOT	1,675	890	370	415			
56	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, FAR BACK	EACH	1	1					
57	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	1	1					
58	SERVICE INSTALLATION (SPECIAL)	EACH	3	1	1	1			
59	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1	1	1			
60	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5,320					5,320	
61	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	3	1	1	1			
62	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	5,425					5,425	
63	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1					1	
64	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	1	1	1			
65	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE S00W	FOOT	1,750	800	515	435			

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

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

TRAFFIC SIGNAL GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.
- ALL PEDESTRIAN PUSH-BUTTON LOCATIONS SHALL FOLLOW THE GUIDELINES FROM ADA/ PROWAG. THE LOCATION OF THE PEDESTRIAN PUSHBUTTON MUST BE PARALLEL TO THE CROSSWALK. A PEDESTRIAN PUSHBUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSHBUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "PEDESTRIAN PUSH-BUTTON".
- THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" BRAND TO MATCH THE EXISTING SYSTEM.
- EXISTING TRAFFIC SIGNAL CONTROLLERS AND CABINETS SHALL BE RETURNED TO THE CITY OF NAPERVILLE AS INDICATED IN THE REMOVAL PLANS. CONTACT ANDY HYNES AT 630-548-2958 TO SCHEDULE AN APPOINTMENT FOR DELIVERY. REQUIREMENTS FOR REMOVAL, STORAGE AND DELIVERY OF SIGNAL EQUIPMENT AS NOTED IN THE TRAFFIC SIGNAL SPECIFICATIONS SHALL APPLY TO THE TRAFFIC SIGNAL CONTROLLERS AND CABINETS.

TEMPORARY TRAFFIC SIGNAL GENERAL NOTES:

- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TEMPORARY TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" AND COMPLY WITH MUTCD SECTION 4D.15. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY OTHER POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROLLER EQUIPMENT.
- EXISTING EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT SHALL BE RETURNED TO THE CITY OF NAPERVILLE AS INDICATED IN THE REMOVAL PLANS. CONTACT ANDY HYNES AT 630-548-2958 TO SCHEDULE AN APPOINTMENT FOR DELIVERY. REQUIREMENTS FOR REMOVAL, STORAGE AND DELIVERY OF SIGNAL EQUIPMENT AS NOTED IN THE TRAFFIC SIGNAL SPECIFICATIONS SHALL ALSO APPLY TO THE EVP EQUIPMENT.
- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR, EXCEPT AS NOTED IN THE PLANS.
- ANY TEMPORARY TRAFFIC SECTIONS NOT IN USE DURING A STAGE OF CONSTRUCTION SHALL BE BAGGED AND DEACTIVATED.
- ALL VIDEO DETECTION ZONES ARE TO BE REDEFINED DURING EACH STAGE OF CONSTRUCTION AND ARE TO BE INCLUDED IN THE PAY ITEM OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- IF TEMPORARY TRAFFIC SIGNALS ARE IN CONFLICT WITH THE PERMANENT TRAFFIC SIGNALS, THE MAST ARMS SHALL BE ROTATED OR REMOVED AND STORED OUTSIDE OF R.O.W. AND WILL BE THE CONTRACTOR'S RESPONSIBILITY TO KEEP EQUIPMENT SAFE. THE CONTRACTOR SHALL PERFORM THE WORK NECESSARY TO MAINTAIN VISIBILITY OF THE TEMPORARY SIGNAL HEADS DURING INSTALLATION OF THE PERMANENT SIGNALS, INCLUDING, BUT NOT LIMITED TO, THE SHIFTING OF TEMPORARY TRAFFIC SIGNAL HEADS. THIS WORK IS TO BE INCLUDED IN THE PAY ITEM OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- IF ANY CONSTRUCTION STAGE CHANGE WILL IMPACT THE TRAFFIC SIGNAL OPERATIONS, THE CONTRACTOR SHALL LET THE ENGINEER KNOW THREE DAYS PRIOR TO THE DATE OF CHANGE.
- THE RADIO INTERCONNECT SHALL OPERATE PROPERLY AT ALL TIMES AND DURING ALL CONSTRUCTION STAGES. IF WIRELESS INTERCONNECT FAILS DURING TESTING OR OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE NECESSARY POLES, FIBER OPTIC CABLE AND OTHER INFRASTRUCTURE PROVIDING TEMPORARY FIBER INTERCONNECT AT NO COST TO THE CONTRACT.
- PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS THAT ARE ACTIVE DURING THE CONSTRUCTION STAGE. PEDESTRIAN PUSH-BUTTONS MAY BE LOCATED ON BARREL MOUNTED POSTS OR TEMPORARY SIGNAL WOOD POLES, HOWEVER ALL ACTIVE PEDESTRIAN SIGNALS AND PUSH-BUTTONS SHALL MEET THE REQUIREMENTS OF DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS. THIS MAY BE ACCOMPLISHED BY RELOCATING THE BARREL MOUNTED POSTS, PUSH-BUTTON BRACKET EXTENSIONS, PROVIDING TEMPORARY SIDEWALK SURFACE, OR A COMBINATION OF THESE METHODS. REFER TO TEMPORARY TRAFFIC SIGNAL INSTALLATION PLANS FOR SUGGESTED LOCATIONS OF PEDESTRIAN SIGNALS AND PUSH-BUTTONS, WHICH MAY BE MODIFIED AS NEEDED OR AS DIRECTED BY THE ENGINEER.

REFER TO TEMPORARY CABLE PLANS AND TEMPORARY PHASE DESIGNATION DIAGRAMS FOR ACTIVE PEDESTRIAN PHASES UNDER EACH CONSTRUCTION STAGE. INACTIVE PEDESTRIAN SIGNAL HEADS SHALL BE DE-ENERGIZED AND BAGGED. INACTIVE PUSH-BUTTONS SHALL BE DE-ENERGIZED AND COVERED OR REMOVED.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- THE TEMPORARY TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" BRAND.
- EXISTING DETECTION CAMERAS AT THE INTERSECTION OF NORTH AURORA ROAD AND GENESEE DRIVE SHALL BE RETURNED TO THE CITY OF NAPERVILLE FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITY. CONTACT ANDY HYNES AT 630-548-2958 TO SCHEDULE AN APPOINTMENT FOR DELIVERY. REQUIREMENTS FOR REMOVAL, STORAGE, AND DELIVERY OF SIGNAL EQUIPMENT AS NOTED IN THE TRAFFIC SIGNAL SPECIFICATIONS SHALL APPLY TO THE DETECTION CAMERAS.

FILE NAME = 090193-wt-1-15001



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH AURORA ROAD - FRONTENAC ROAD TO FAIRWAY DRIVE
TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES AND GENERAL NOTES**

SCALE: NONE SHEET 2 OF 48 SHEETS STA. TO STA.

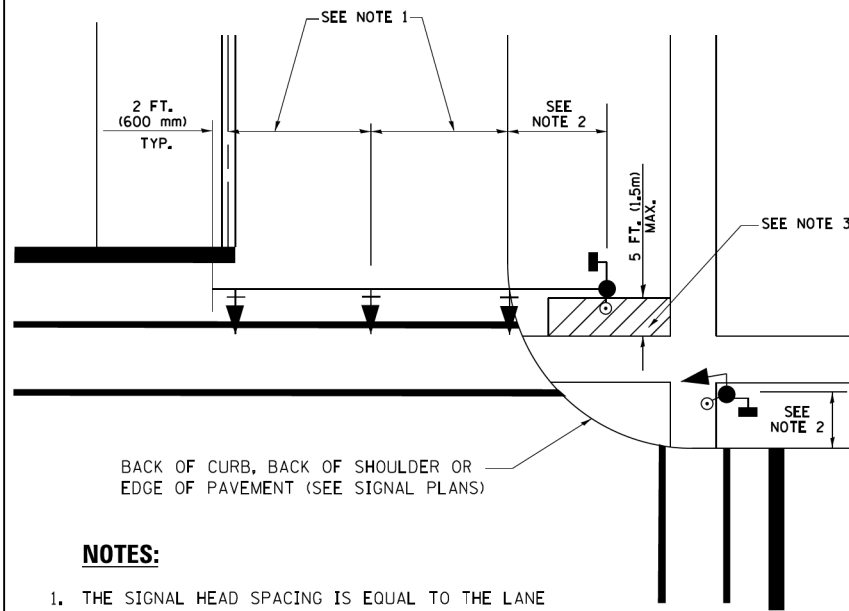
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	159
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G19	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

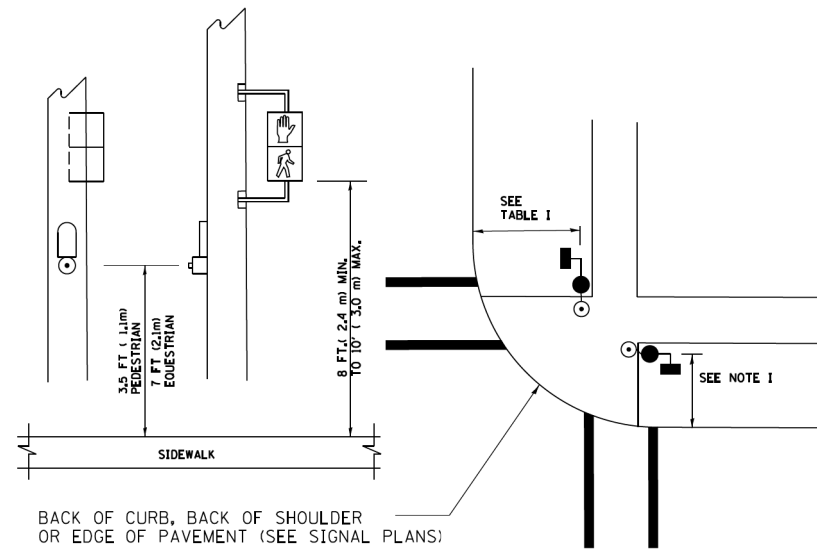
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



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."

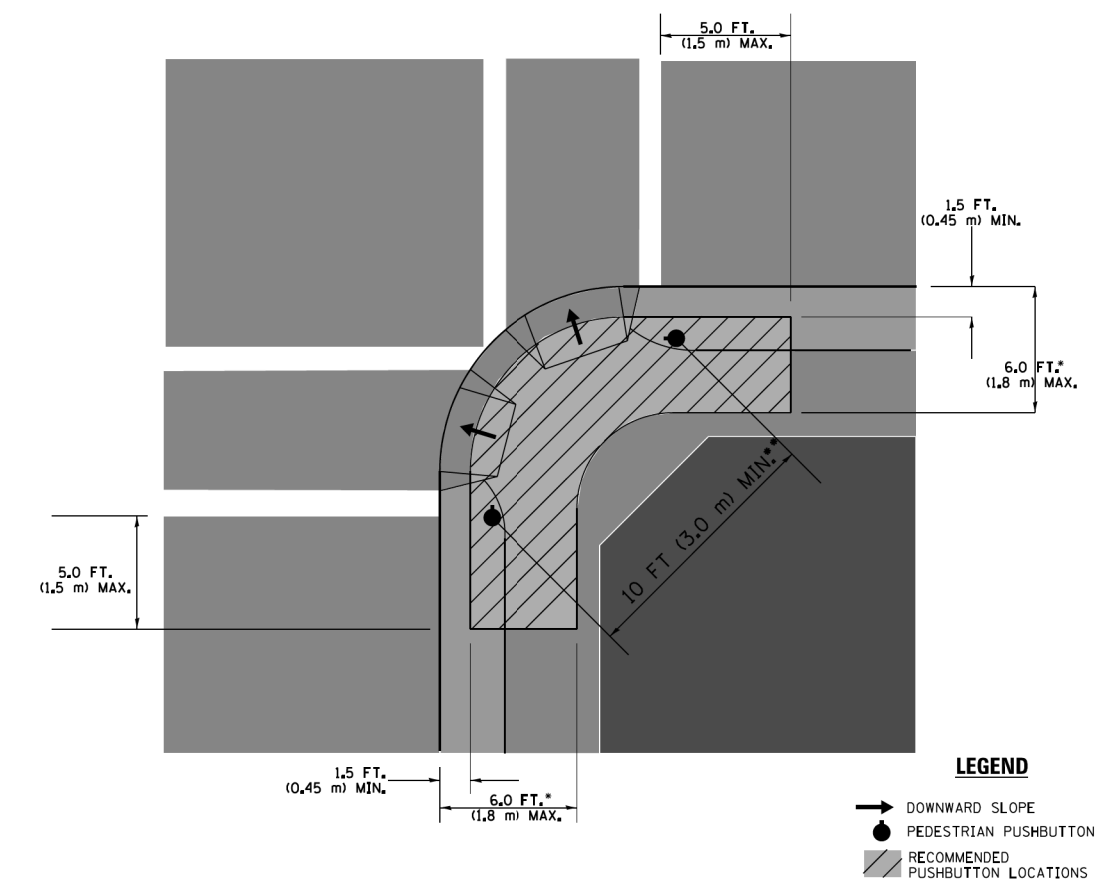
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



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



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ 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:

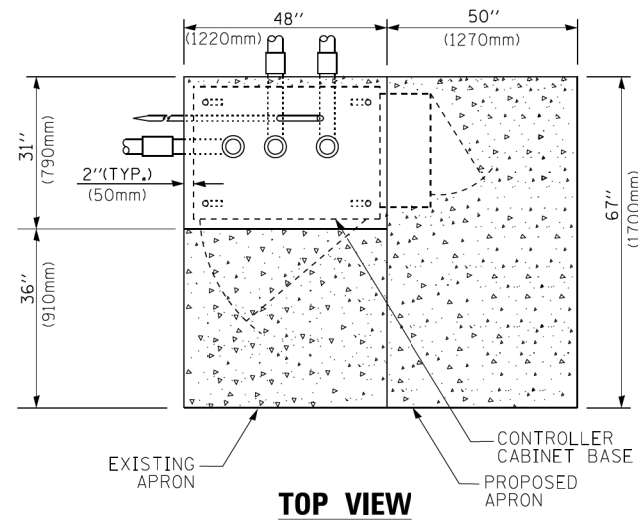
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM 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

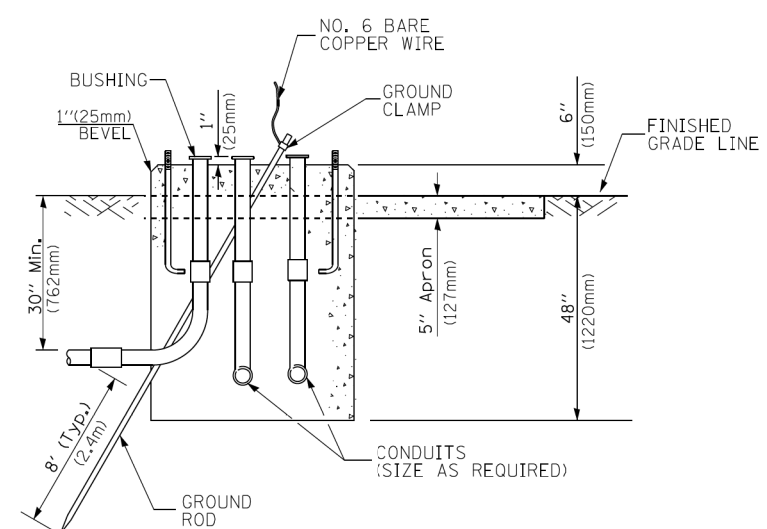
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 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:

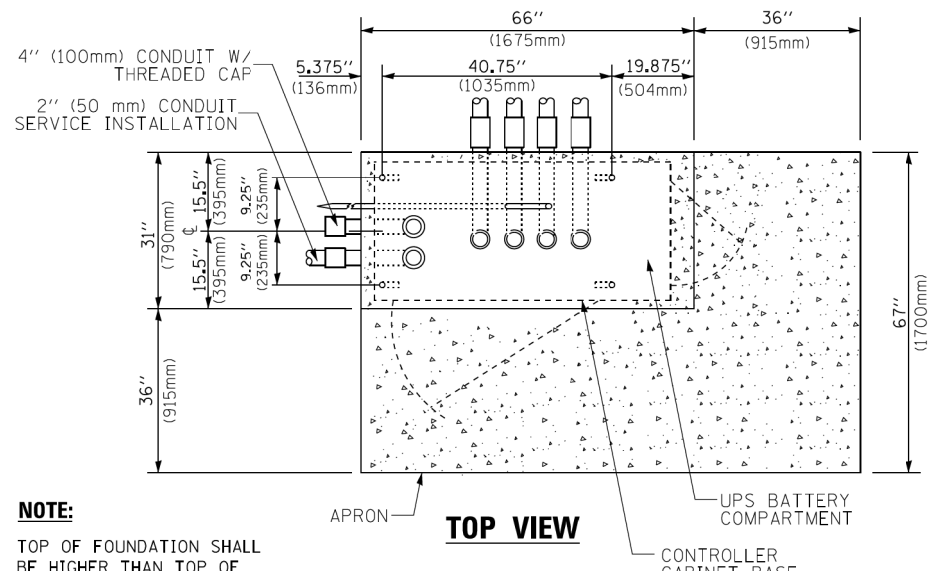
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM 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.



TOP VIEW

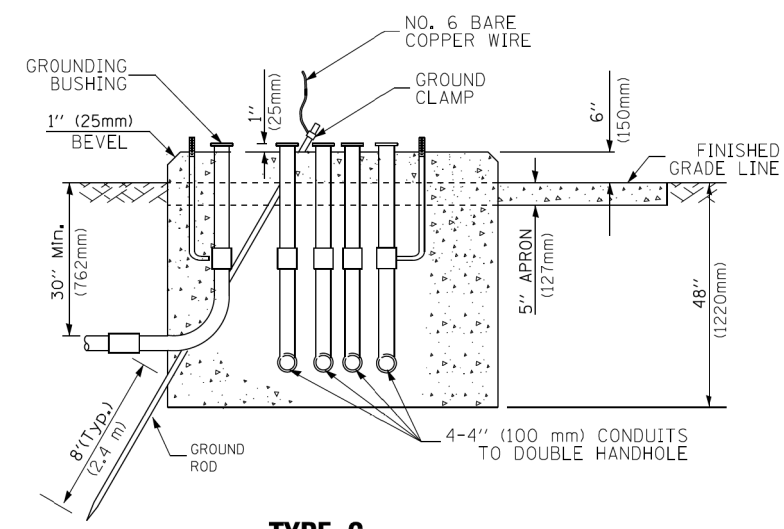


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

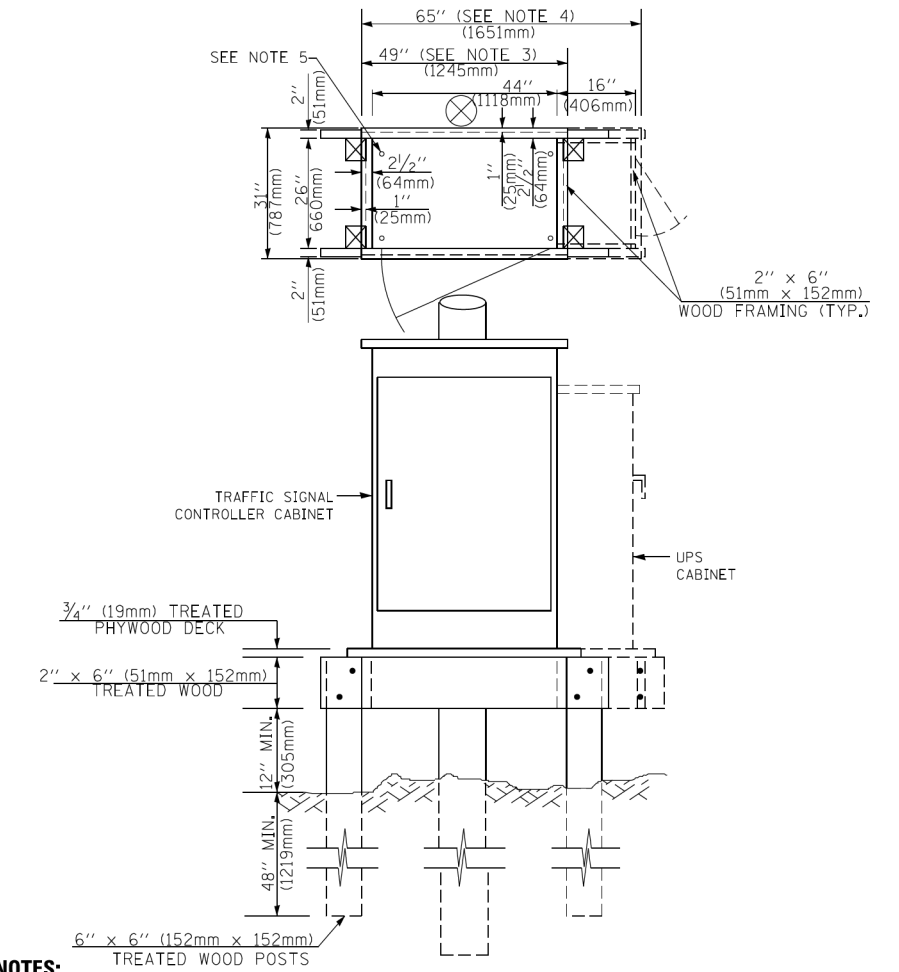


TOP VIEW

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)

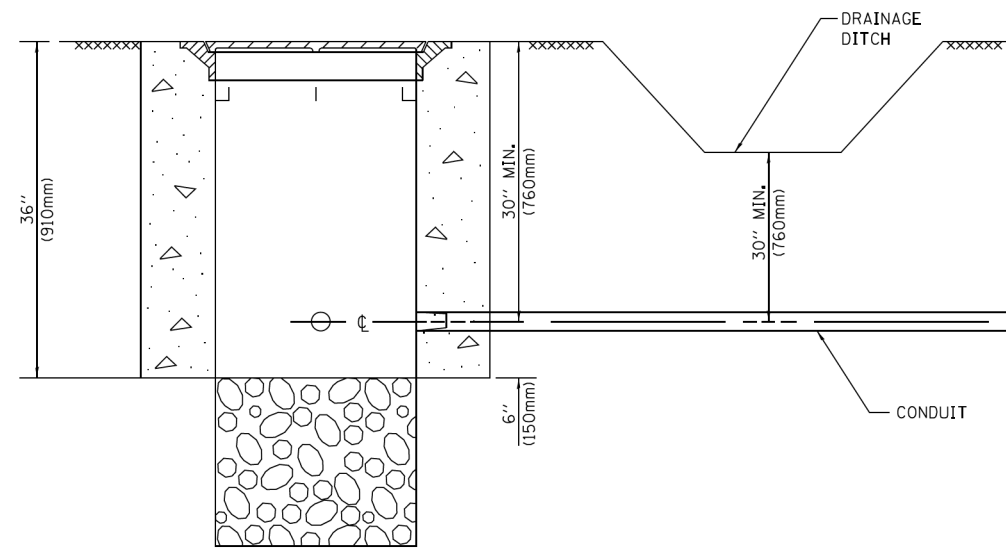
DEPTH OF FOUNDATION

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..

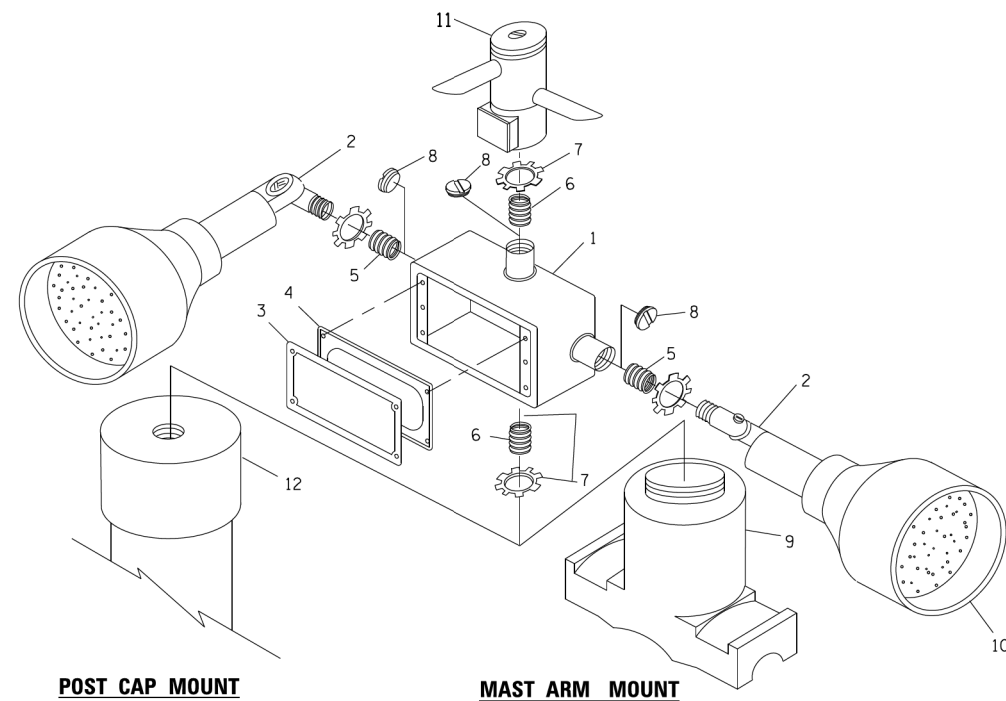
DEPTH OF MAST ARM FOUNDATIONS, TYPE E



NOTES:

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

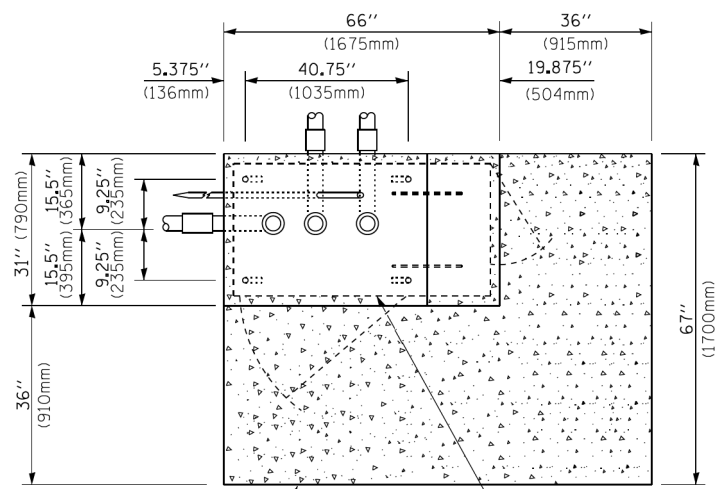
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



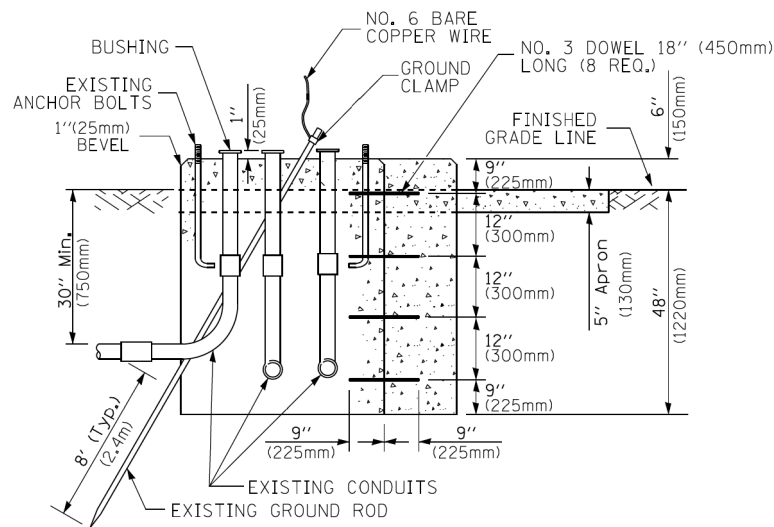
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

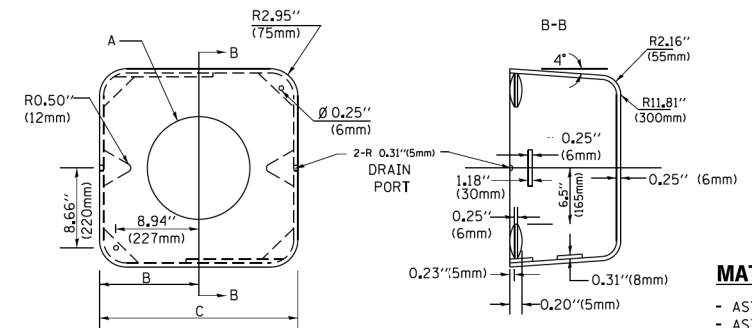


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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



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

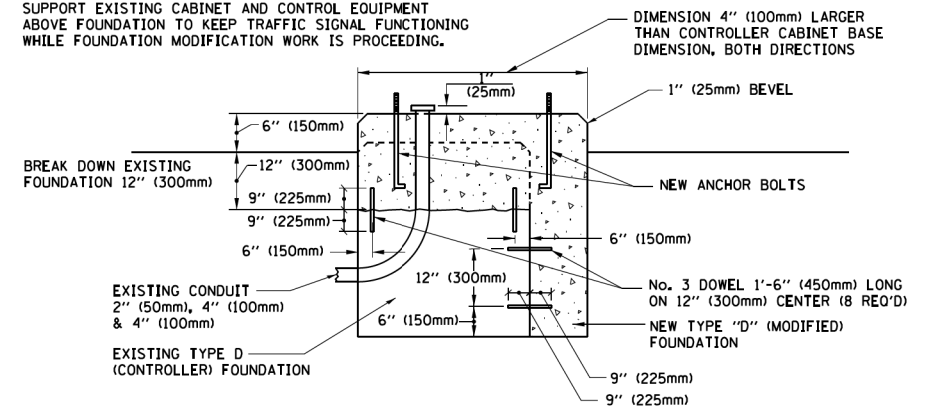
SHROUD

NOTES:

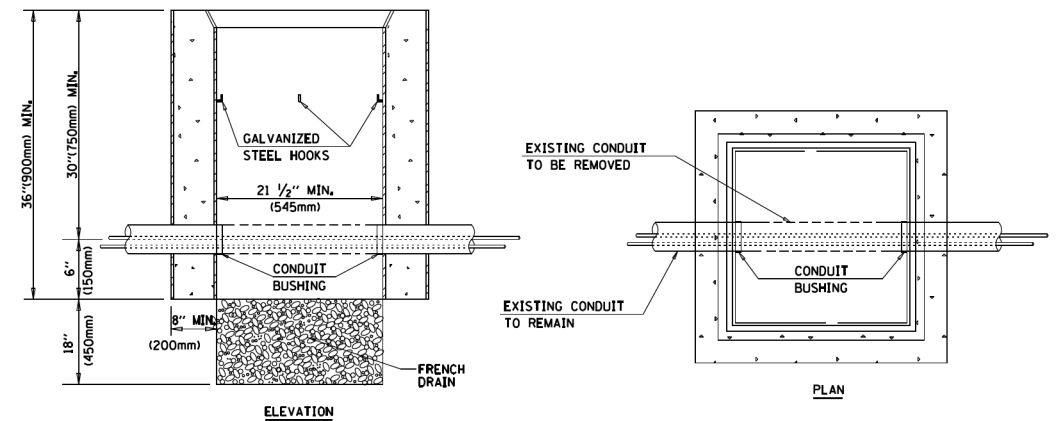
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

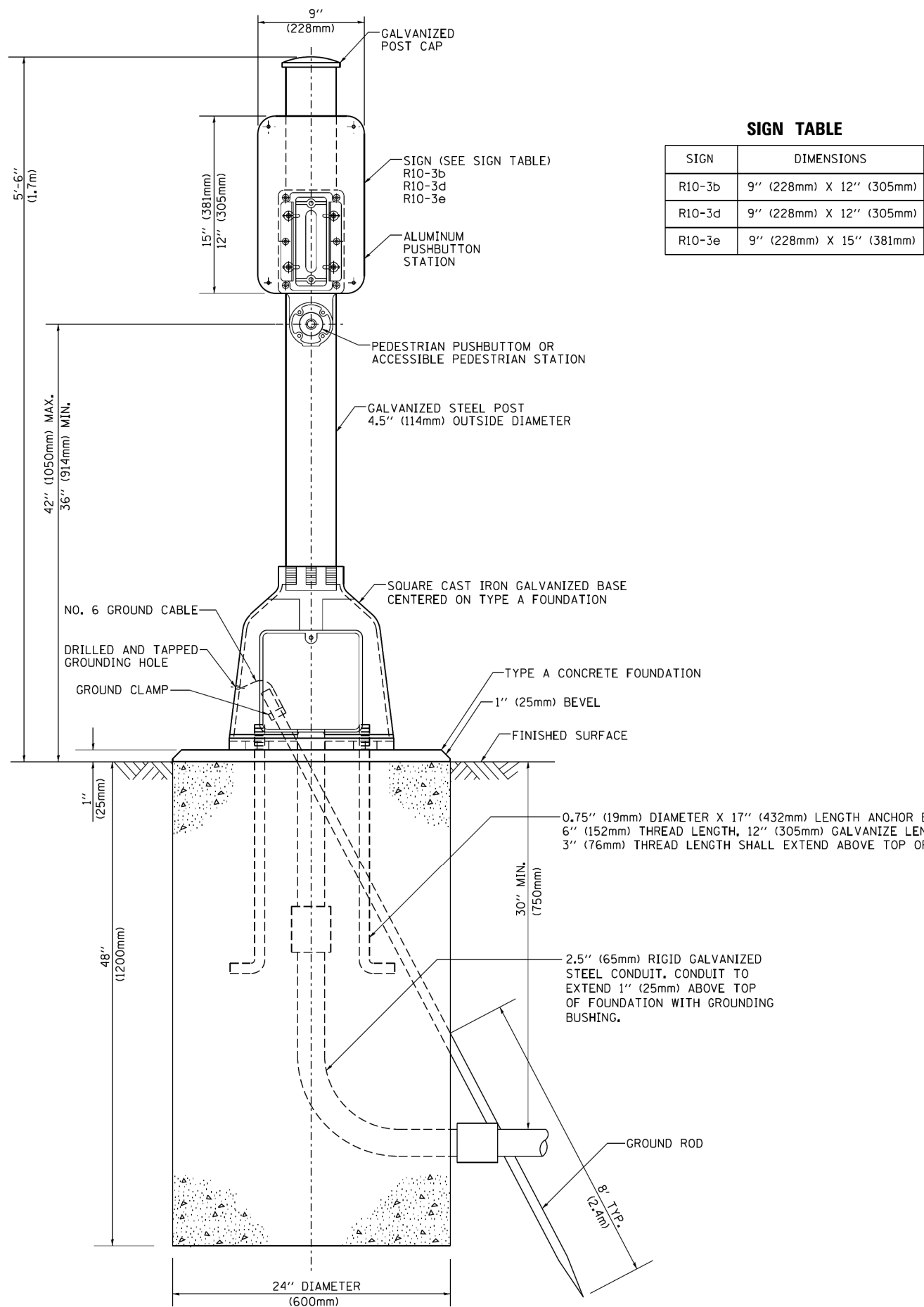
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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

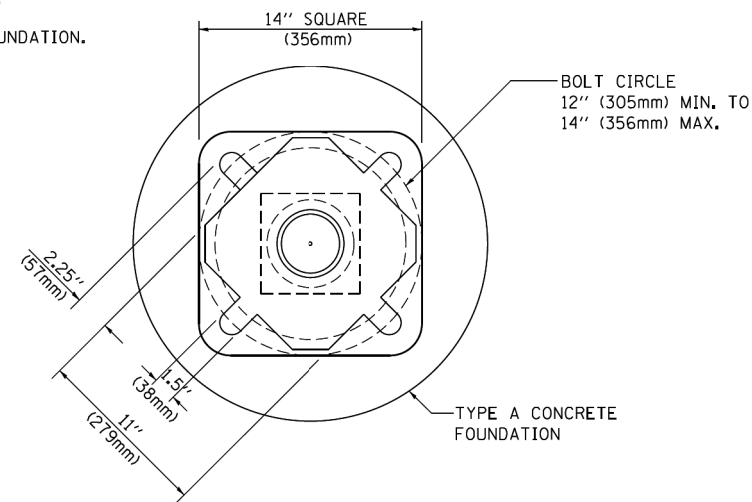
SCALE: NONE SHEET 7 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	164
	TS-05			CONTRACT NO. 61G19
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME =	USER NAME = footemj	DESIGNED - DAG	REVISED - DAG 1-1-14
ca:\pwork\pwork\footemj\00108315\ts05.dgn		DRAWN - GND	REVISED -
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PLOT DATE = 1/13/2014		DATE - 10/1/2012	REVISED -

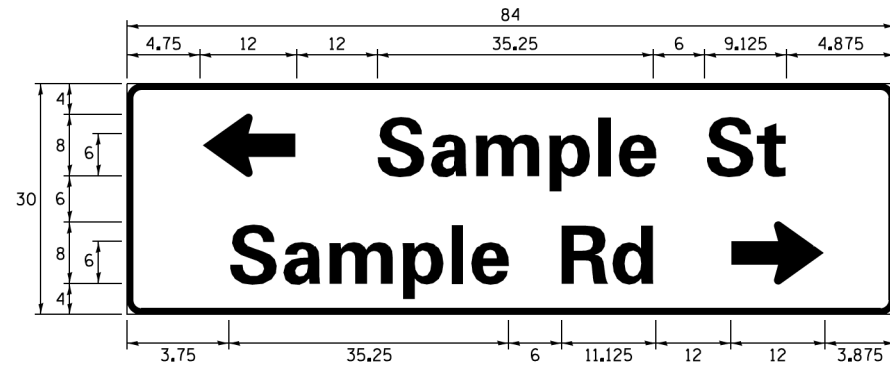
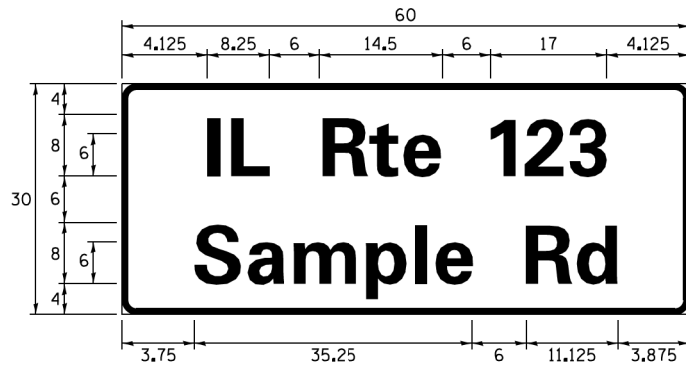
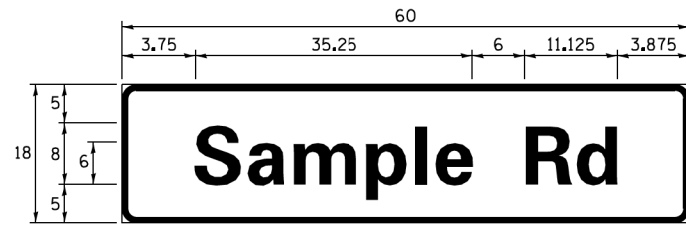
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 8 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	165
TS-05			CONTRACT NO. 61G19	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



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

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

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

LOCAL SUPPLIERS:

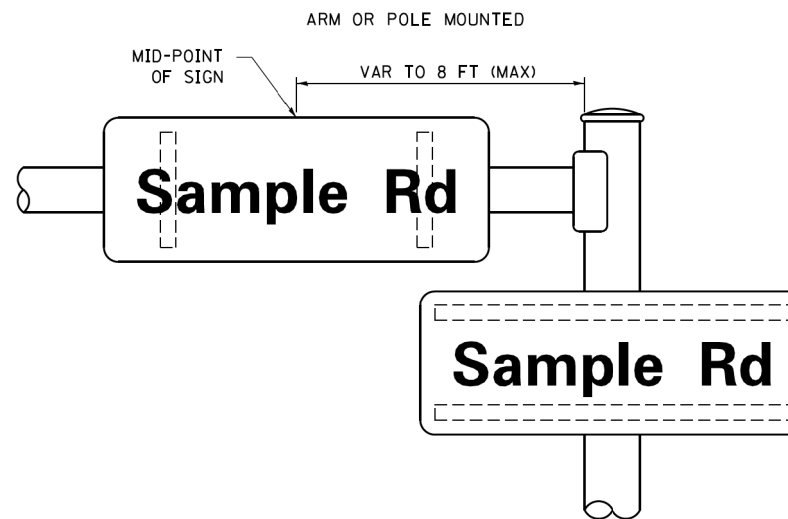
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

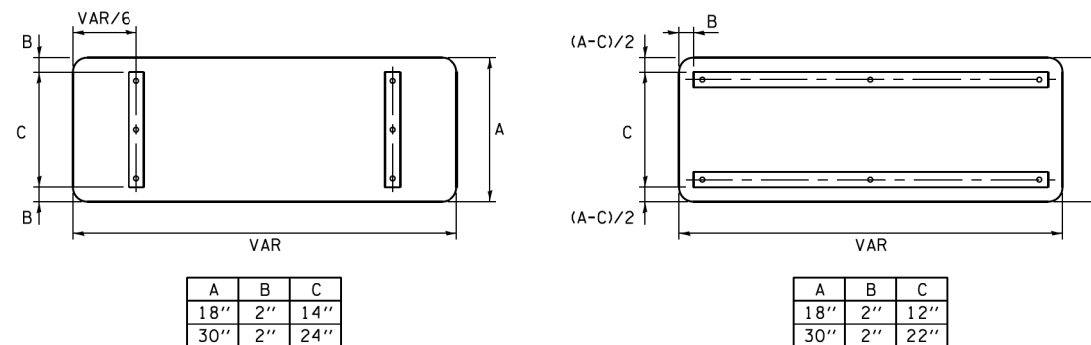
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING PART #HPN034 (UNIVERSAL)

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

MOUNTING LOCATION



SUPPORTING CHANNELS



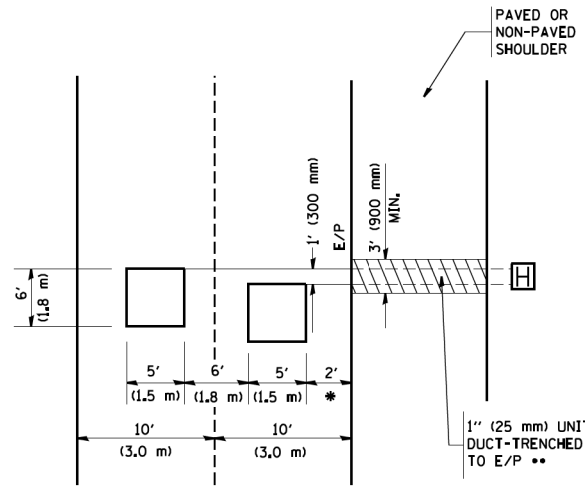
STANDARD ALPHABETS SPACING CHART

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

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	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

LOOPS NEXT TO SHOULDERS

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



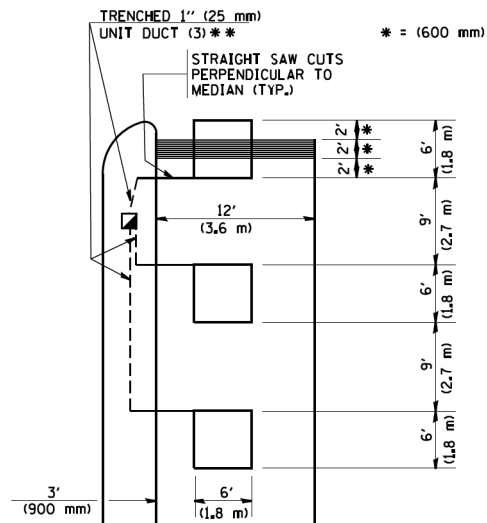
* = (600 mm)

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

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

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

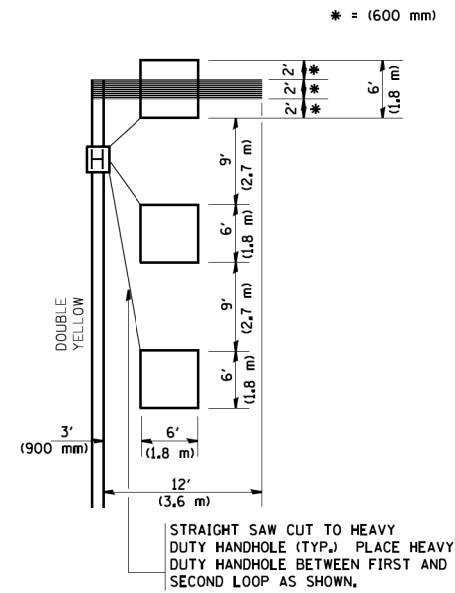


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

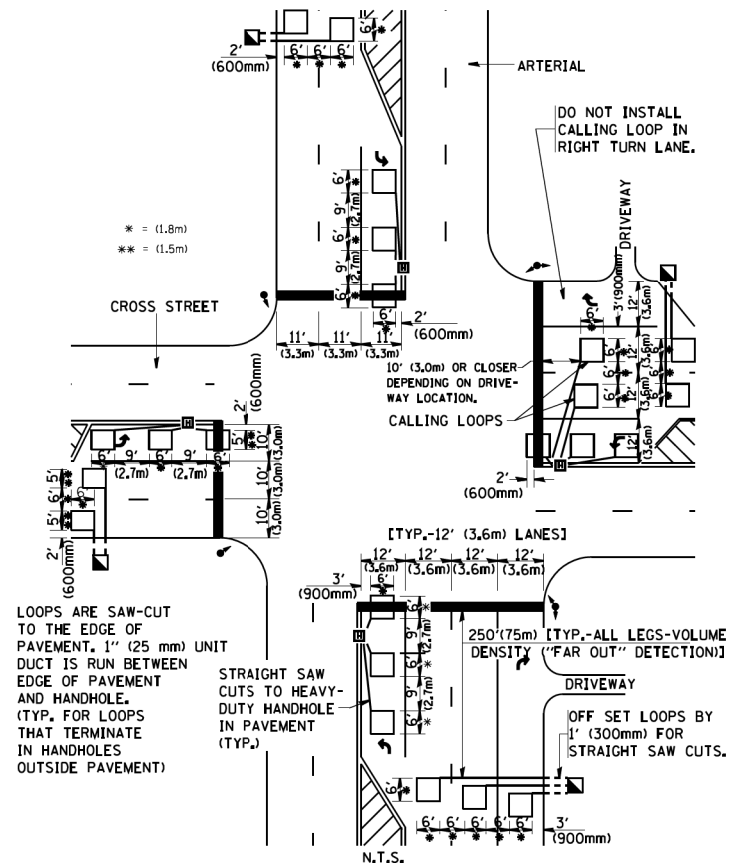
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



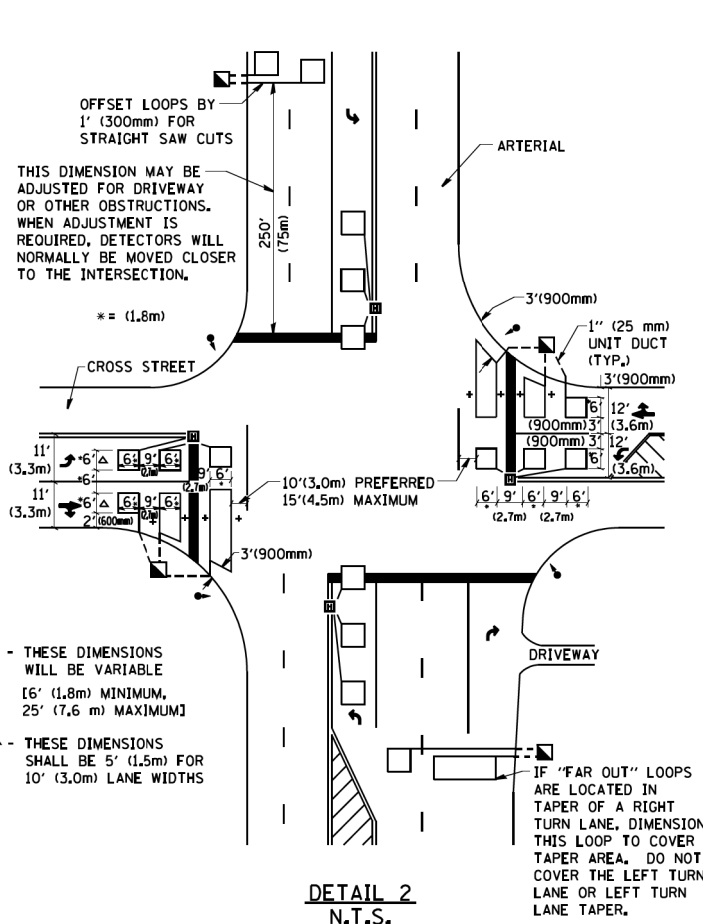
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

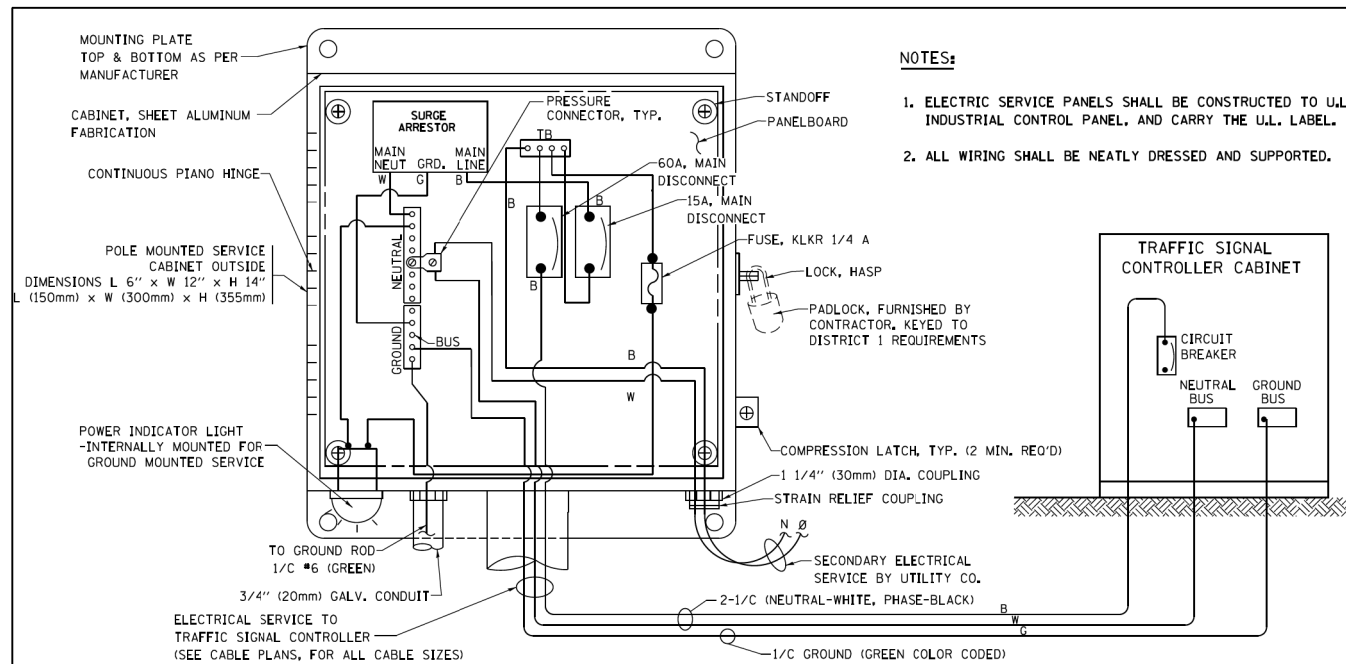
ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

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

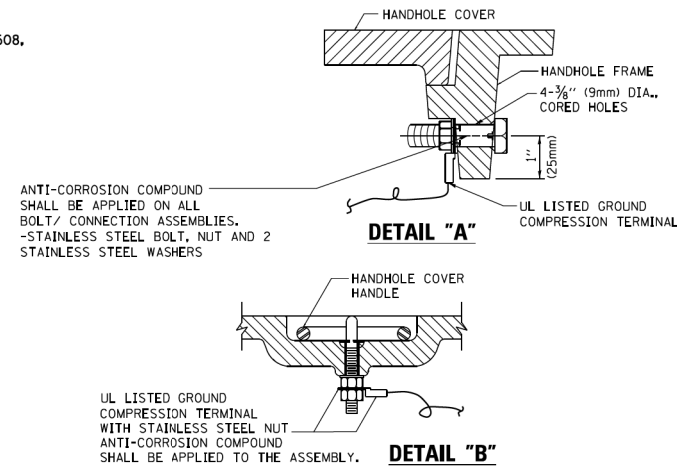
FILE NAME = W:\diststa\22x34\ts07.dgn	USER NAME = geglennobt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 50.0000' / IN.	CHECKED - R.K.F.	REVISED -		SCALE: NONE	SHEET 10	OF 48 SHEETS	STA.	TO STA.	1509	08-00140-00-PV	DuPAGE	332	167
	PLOT DATE = 1/4/2008	DATE -	REVISED -							TS-07			CONTRACT NO.	61G19
										FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
	PLOTTED
	CHECKED
	FILE NAME
	NO.

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BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	STRUCTURE
	NOTATRS CHFD
	NO.

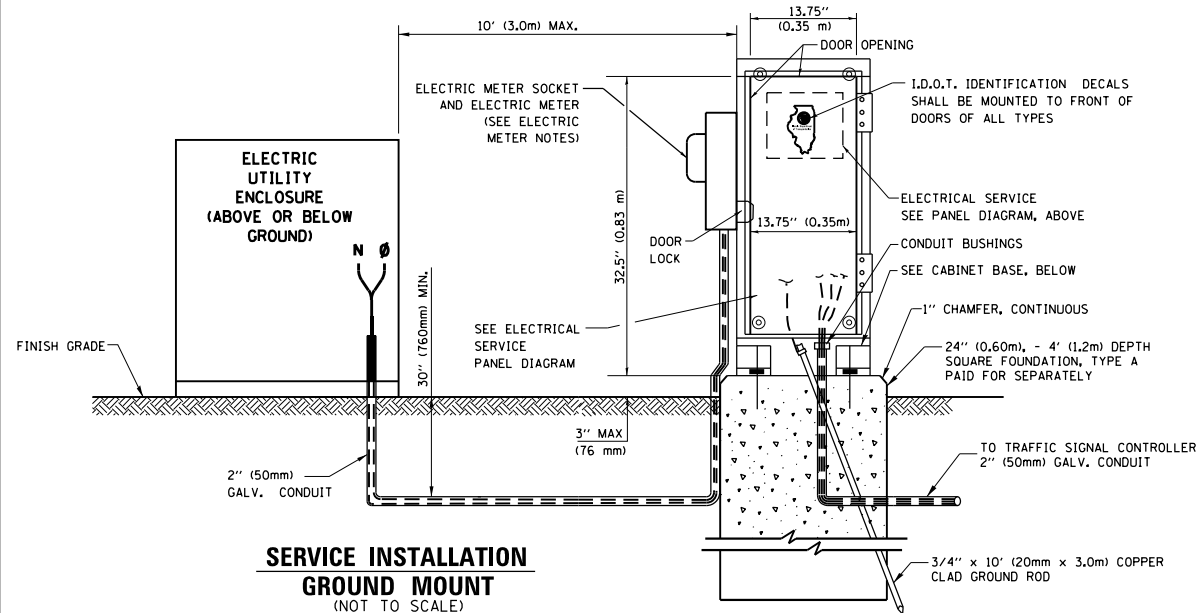


- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
 2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



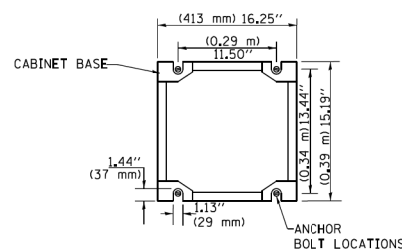
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED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

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

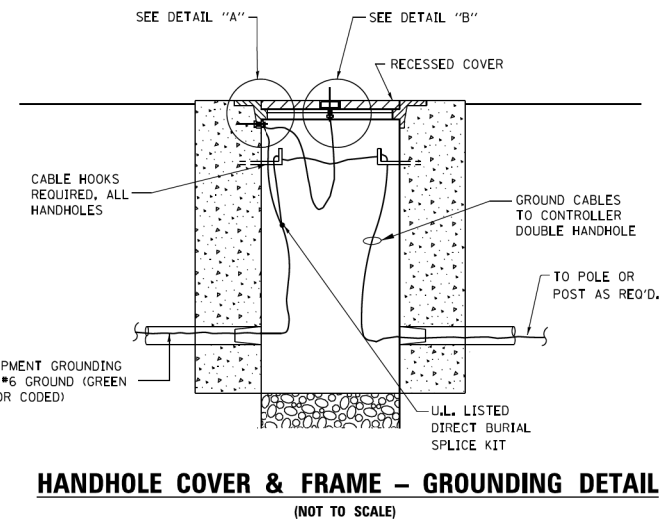


SERVICE INSTALLATION GROUND MOUNT (NOT TO SCALE)

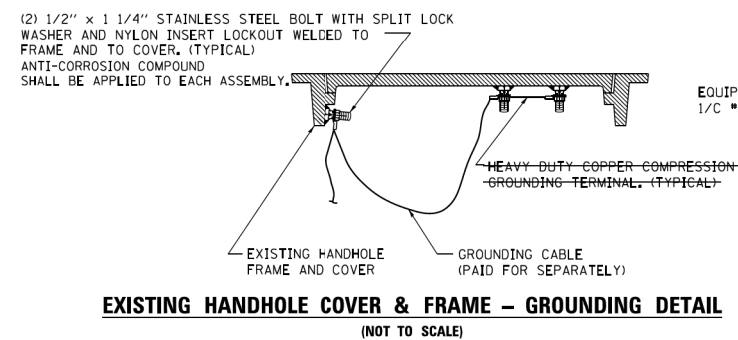
CABINET - BASE BOLT PATTERN (NOT TO SCALE)



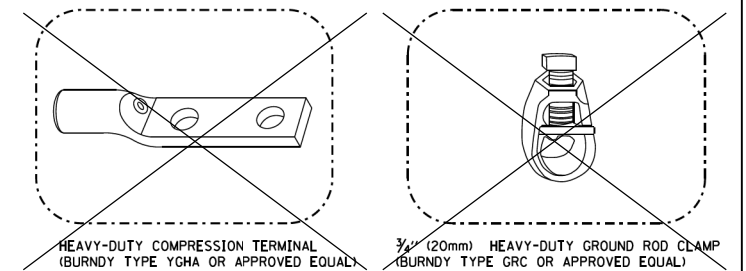
- ELECTRIC METER NOTES:**
1. ELECTRIC METER SOCKET SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. THE ELECTRIC UTILITY WILL SUPPLY THE ELECTRIC METER AND THE CONTRACTOR SHALL INSTALL THE METER. THE ELECTRIC METER SOCKET SIZE AND TYPE SHALL BE COORDINATED WITH THE ELECTRIC UTILITY COMPANY.
 2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE SUPPORTS AND ATTACHMENT PLANS FOR APPROVAL BY THE ENGINEER.
 3. ALL WORK ASSOCIATED WITH THE ELECTRIC SERVICE METER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SERVICE INSTALLATION (SPECIAL).



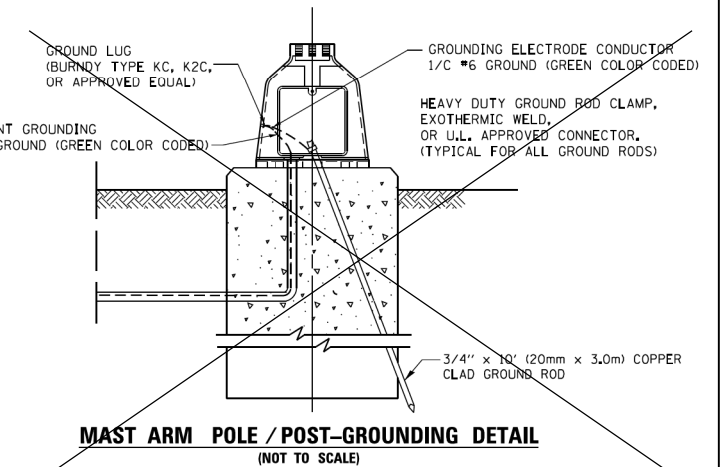
HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)



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



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. 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)

FILE NAME = 090193-INT-150012



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AURORA ROAD - FRONTENAC ROAD TO FAIRWAY DRIVE
TRAFFIC SIGNAL DESIGN DETAIL
METERED ELECTRIC SERVICE

SCALE: NONE SHEET 11 OF 48 SHEETS STA. TO STA.

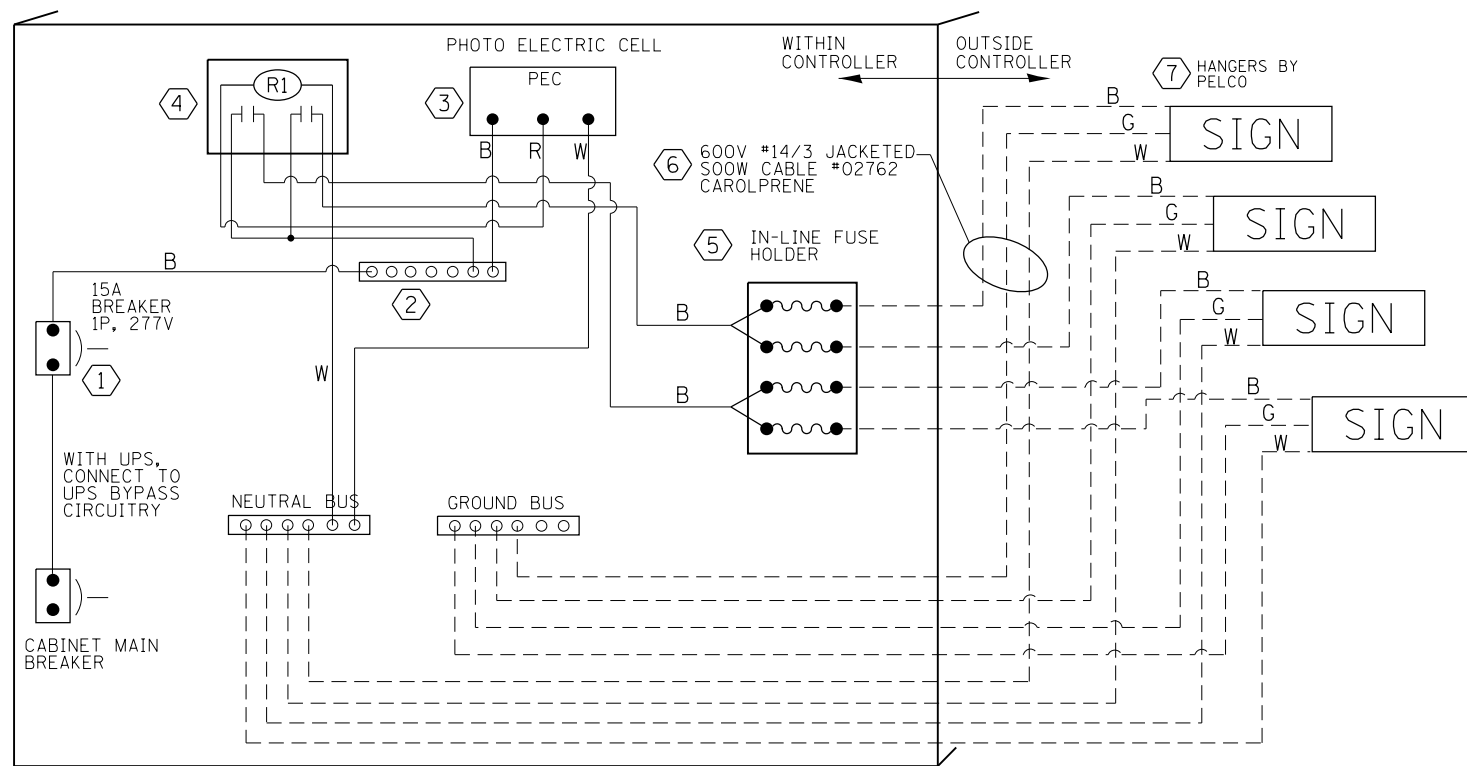
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	168
			CONTRACT NO. 61G19	

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	

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

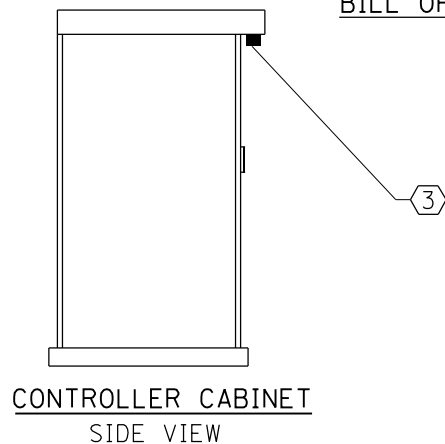
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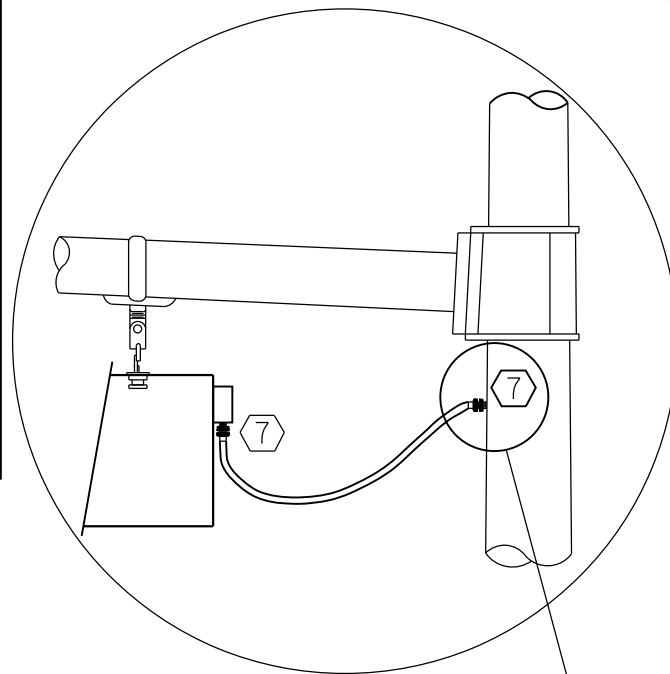
LED SIGN WIRING DETAIL

DESCRIPTION	MANUFACTURER	MODEL	NOTES
① CIRCUIT BREAKER		15 AMPERE	Molded case, Thermal Mag. min. R.I. of 14K R.M.S. symmetrical ampere at 277V.
② TERMINAL BLOCK	MARATHON	1502 DJSV	
③ PHOTO ELECTRIC CONTROL	FISHER PIERCE	B124-1.5-07762	
④ CONTROL RELAY	SQUARE D	8501X020V02	BOLT ON W/SCREW TERMINAL
⑤ INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMAN	S-8000 BK/S-8-3-4-R	
⑥ ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN)	CAROLPRENE/SOOW	02762	
⑦ SIGN MOUNTING HARDWARE	PELCO	SE-5015	S.S. HARDWARE

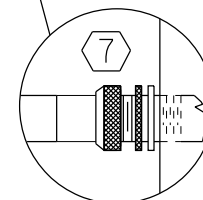
BILL OF MATERIALS



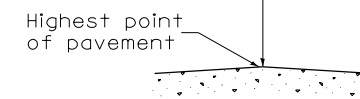
CONTROLLER CABINET SIDE VIEW



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

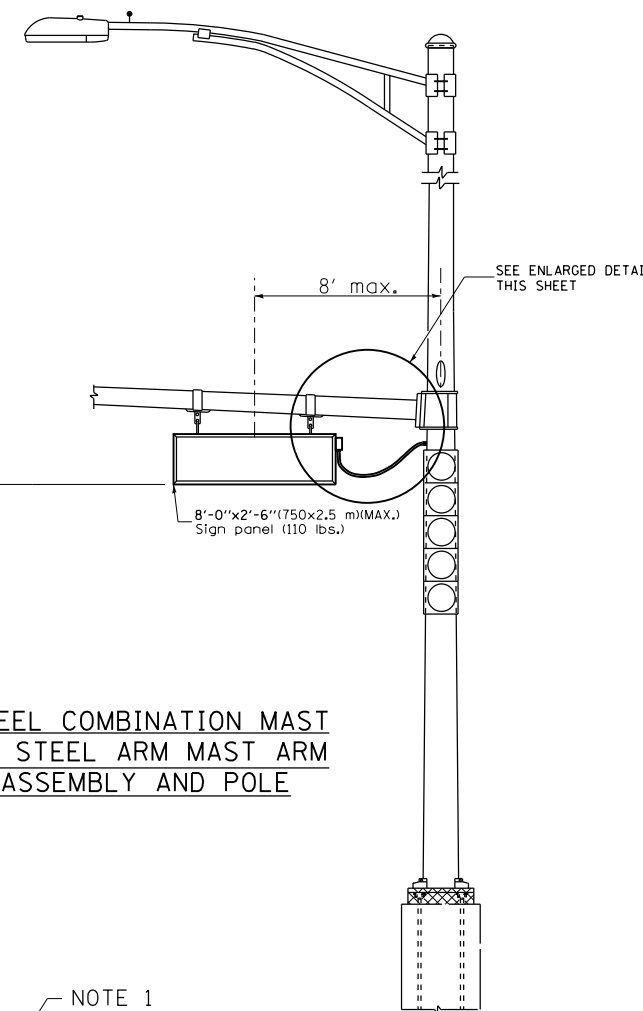


L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



Highest point of pavement

18' (5.5 m) max.
16' (5.0 m) min.



STEEL COMBINATION MAST OR STEEL ARM MAST ARM ASSEMBLY AND POLE



LED ILLUMINATED SIGN PANEL

8'0 x 2'6" (750 mm x 2.5 mm)(MAX)
C or D FONT

NOTES:

- SIGNS SHALL BE DUAL SIDED. FRONT AND BACK OF SIGN WILL BE THE SAME.
- SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



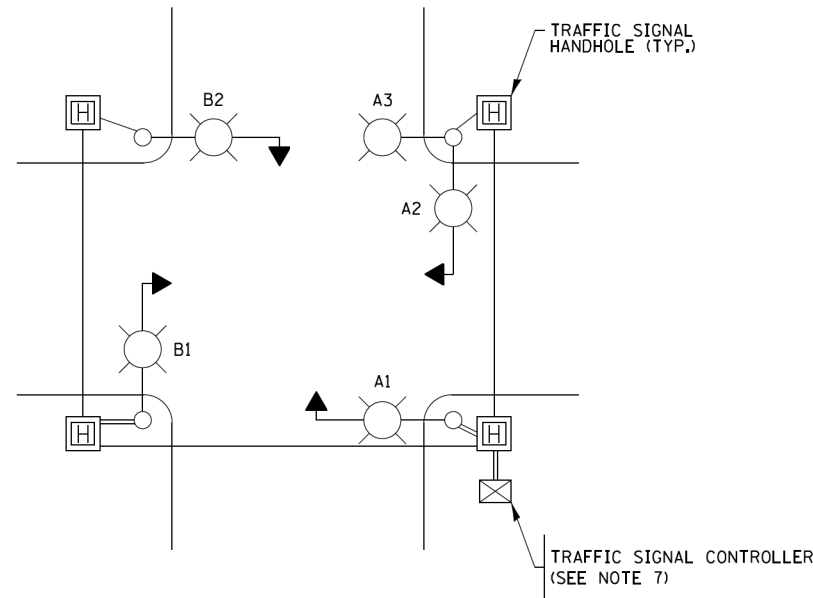
USER NAME = brvandervael	DESIGNED - GR	REVISED -
	DRAWN - TTJB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

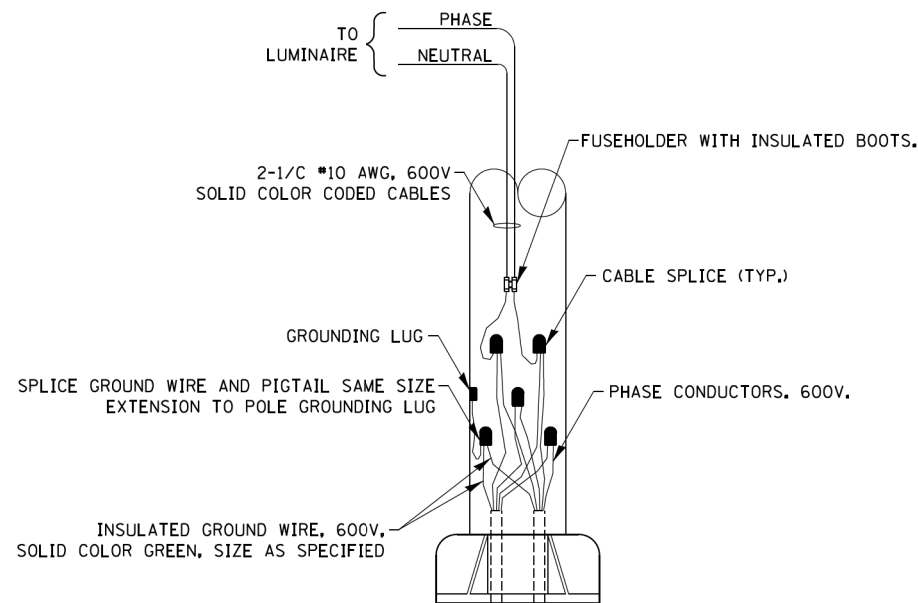
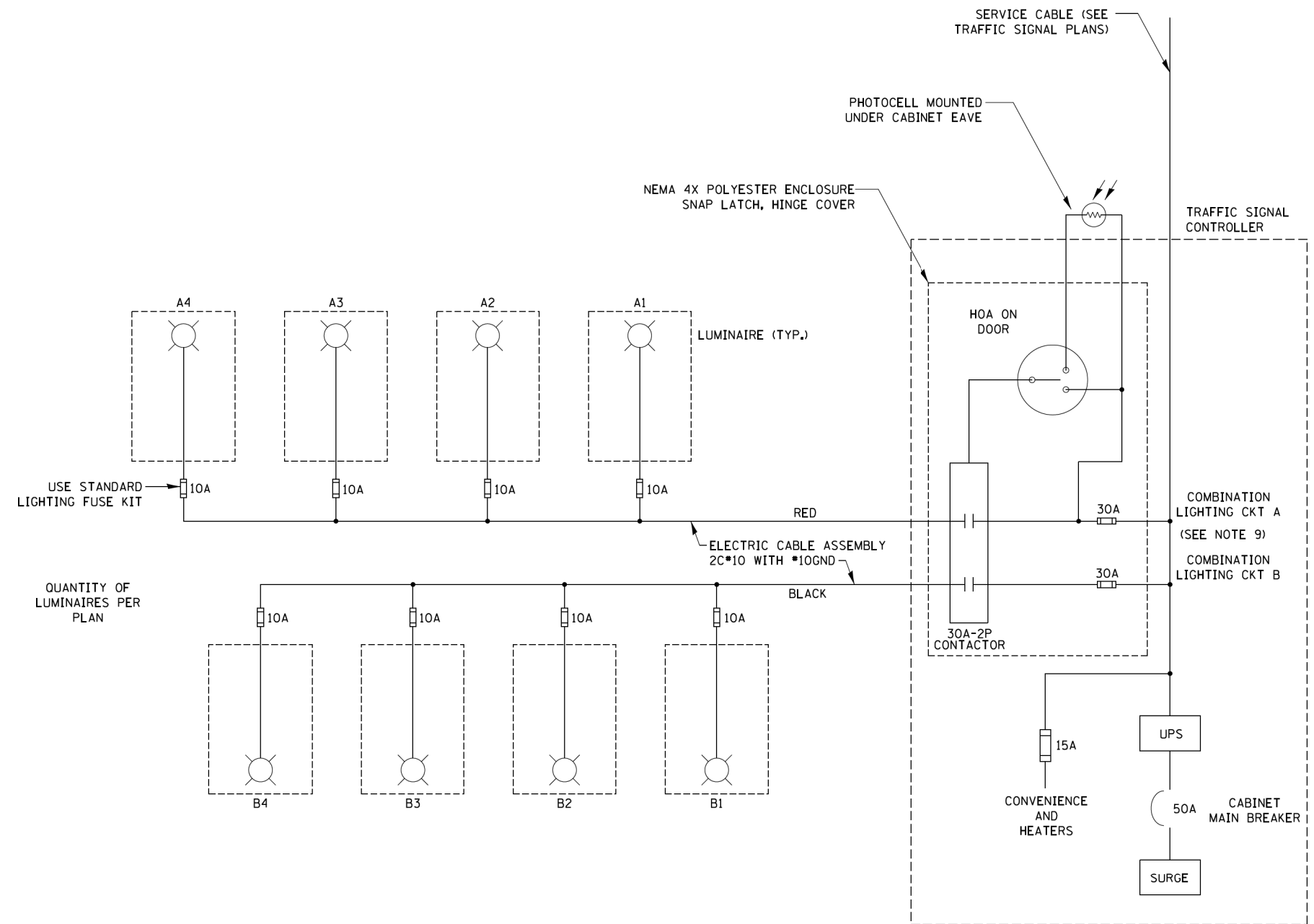
NORTH AURORA ROAD - FRONTENAC ROAD TO FAIRWAY DRIVE
LED ILLUMINATED STREET NAME
INSTALLATION AND WIRING DIAGRAM

SCALE: NONE SHEET 12 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	169
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	



TYPICAL LIGHTING CIRCUIT
(NOT TO SCALE)



COMBINATION POLE WIRING DETAIL
(NOT TO SCALE)

NOTES:

- 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
- MULTI-CONDUCTOR CABLE ASSEMBLY FOR LIGHTING CIRCUITS.
- ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
- ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
- ALL CONTROLLERS TO HAVE TWO FUSED LIGHTING BRANCH CIRCUITS.
- ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
- RECORD DRAWING SHALL INCLUDE:
 - TRAFFIC SIGNAL PLAN SHEET(S)
 - TRAFFIC SIGNAL CABLE PLAN SHEET(S)
 - LIGHTING PLANS
 - THIS DETAIL
- THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
- LIGHTING CONNECTED TO UPS BYPASS CIRCUIT

FILE NAME = be240.dgn	USER NAME = footemj	DESIGNED - RT	REVISED - 02/10/2015
		DRAWN -	REVISED - 10/13/2015
	PLOT SCALE = 50,0000' / 1"	CHECKED - RT	REVISED - T.G. 4/12/2017
Default	PLOT DATE = 4/13/2017	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC

SCALE: NTS SHEET 13 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	170
BE-240			CONTRACT NO. 61G19	
ILLINOIS FED. AID PROJECT				

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF NAPERVILLE

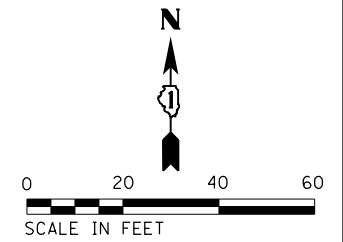
- 2 EACH LIGHT DETECTOR AND BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL WOOD POLE (INCLUDING SPAN WIRE ASSEMBLY)
- 8 EACH SIGNAL HEAD, 3-SECTION
- 8 EACH SIGNAL HEAD, 5-SECTION
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH LUMINAIRE (WITH LUMINAIRE MAST ARM)

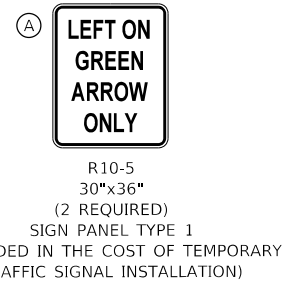
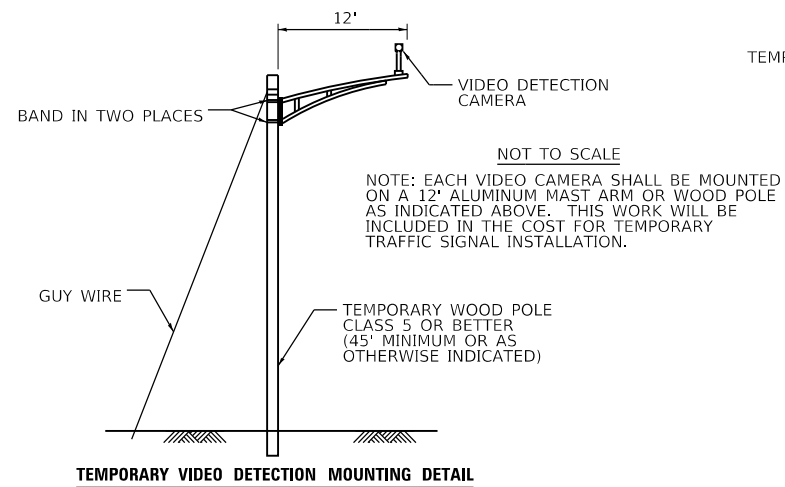
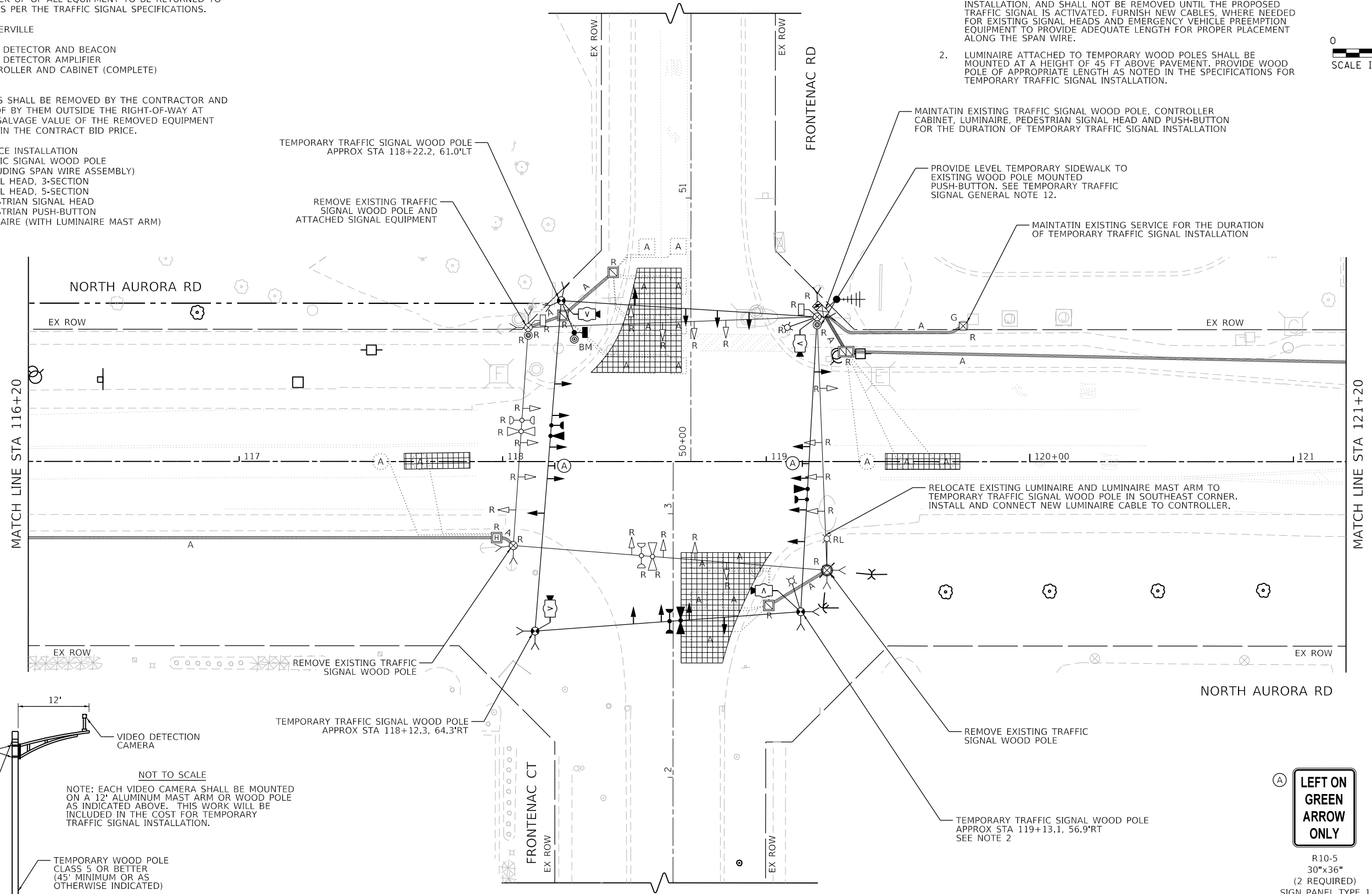
NOTES:

1. THIS TEMPORARY TRAFFIC SIGNAL INSTALLATION UTILIZES EXISTING TRAFFIC SIGNAL EQUIPMENT AS SHOWN ON THE PLANS. EXISTING EQUIPMENT UTILIZED FOR TEMPORARY INSTALLATION SHALL BE MAINTAINED FOR THE DURATION OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, AND SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL IS ACTIVATED. FURNISH NEW CABLES, WHERE NEEDED FOR EXISTING SIGNAL HEADS AND EMERGENCY VEHICLE PREEMPTION EQUIPMENT TO PROVIDE ADEQUATE LENGTH FOR PROPER PLACEMENT ALONG THE SPAN WIRE.
2. LUMINAIRE ATTACHED TO TEMPORARY WOOD POLES SHALL BE MOUNTED AT A HEIGHT OF 45 FT ABOVE PAVEMENT. PROVIDE WOOD POLE OF APPROPRIATE LENGTH AS NOTED IN THE SPECIFICATIONS FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
NOTE BOOK NO.	NOT AT THIS OFFICE	



FILE NAME = 090193-wt-1-TS0111



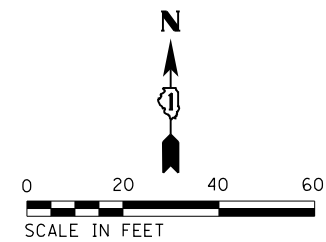
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 1 OF 2)**

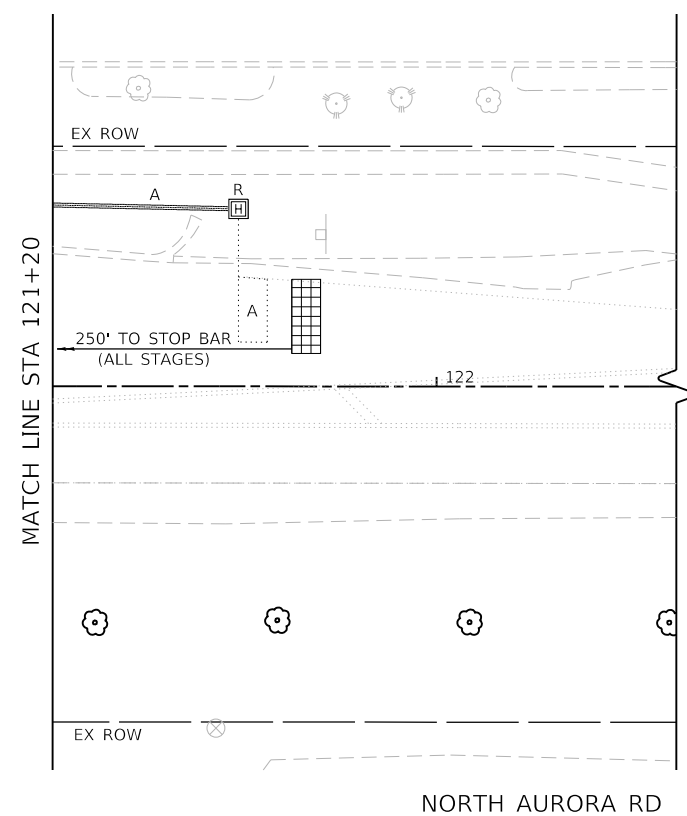
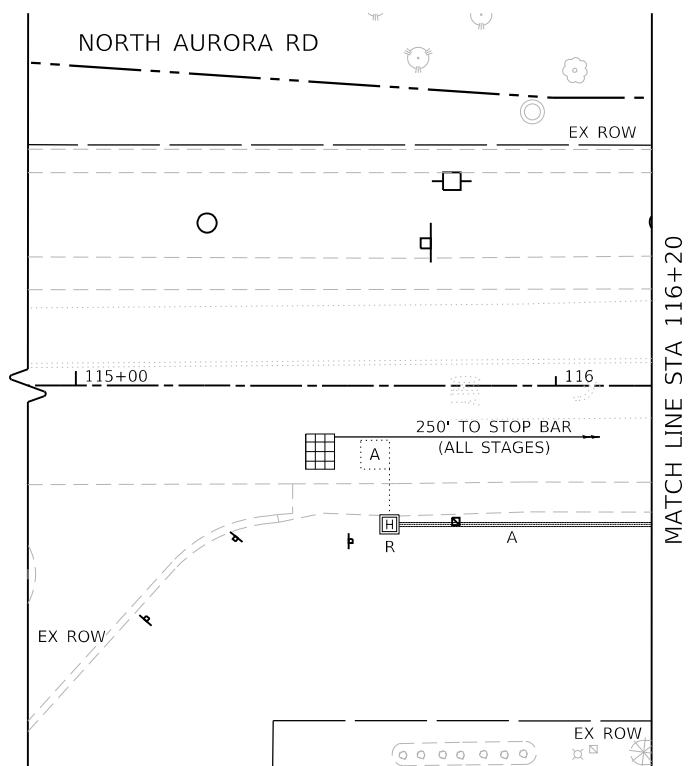
SCALE: 1"=20' SHEET 14 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	171
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNMENT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



FILE NAME = 090193-INT-15012



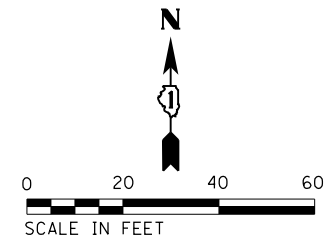
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 2 OF 2)

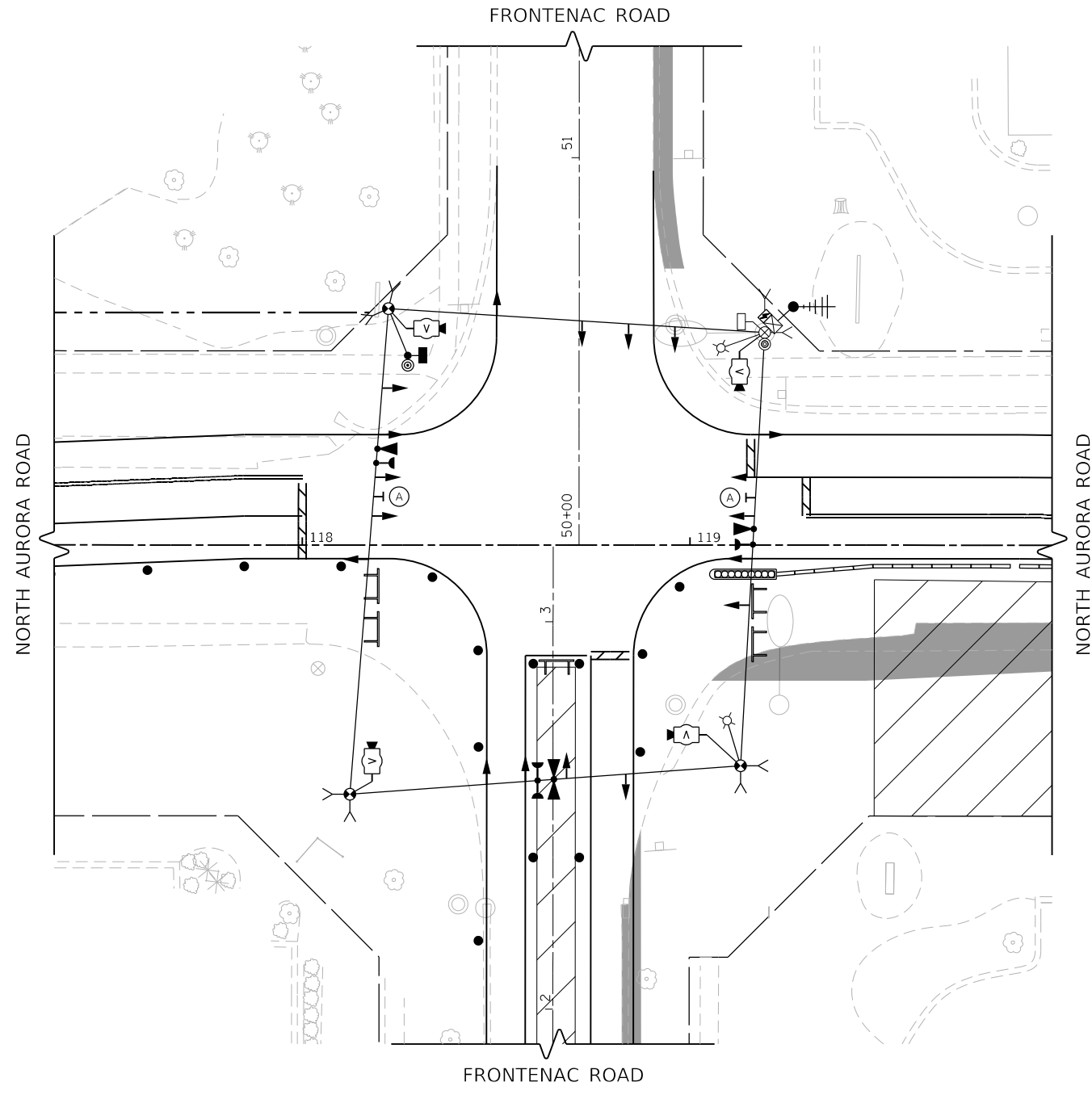
SCALE: 1"=20' SHEET 15 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	172
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

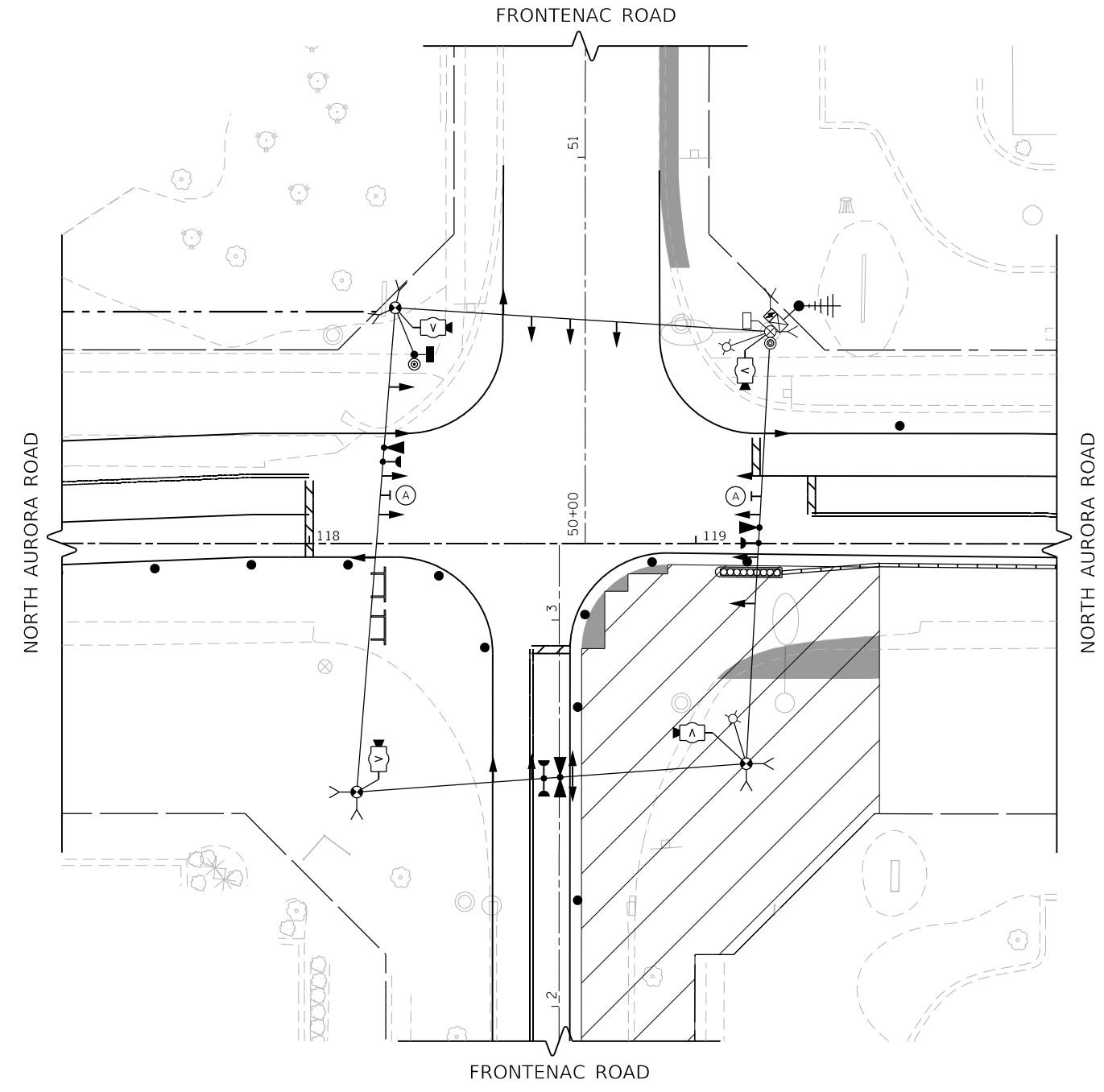


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		

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



TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 1A

FILE NAME = 090193-INT-150113



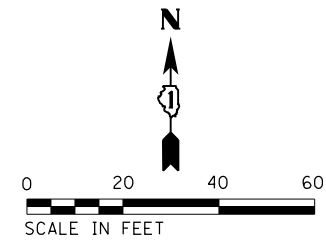
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 1 OF 3)**

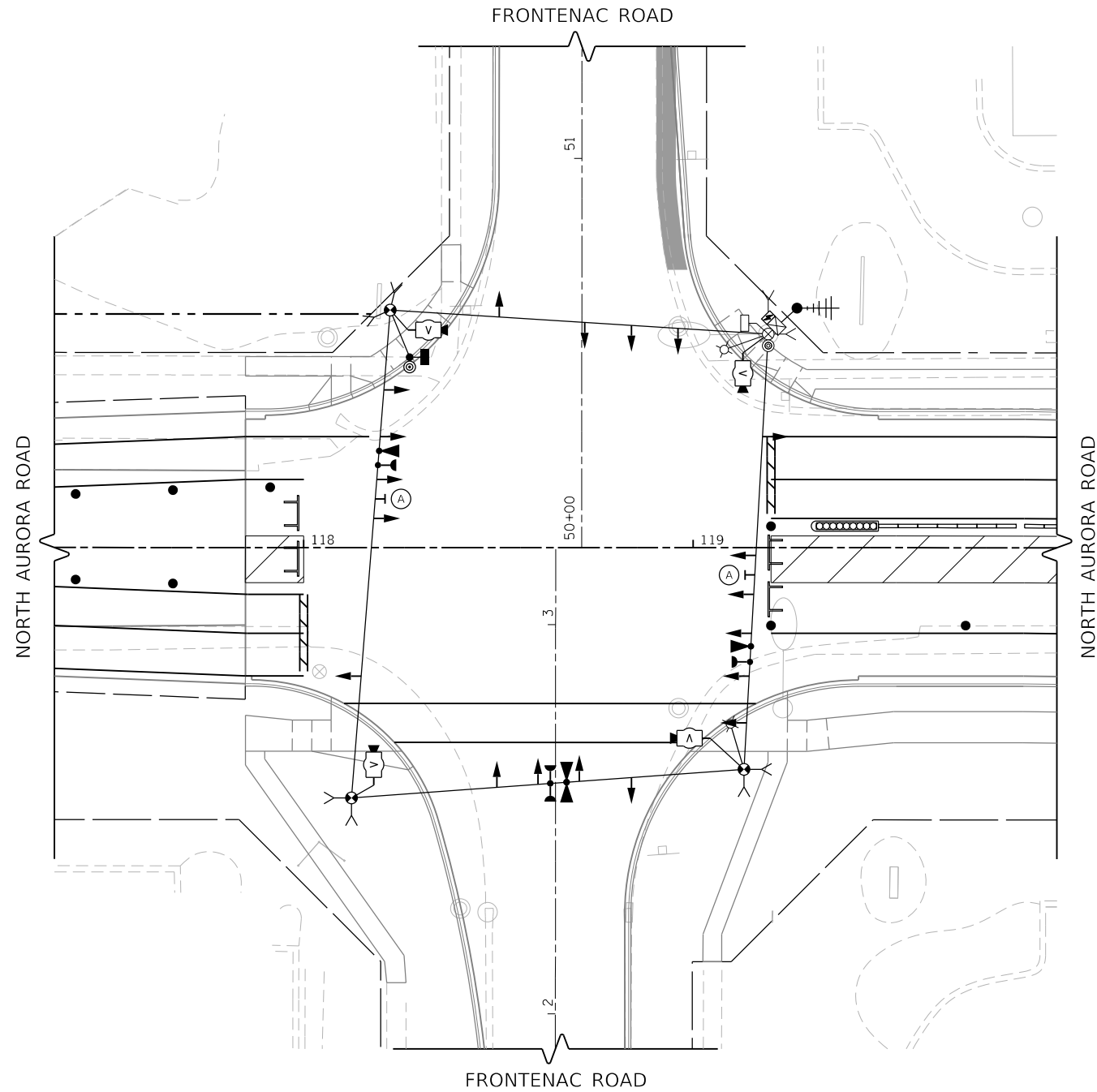
SCALE: 1"=20' SHEET 16 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	173
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

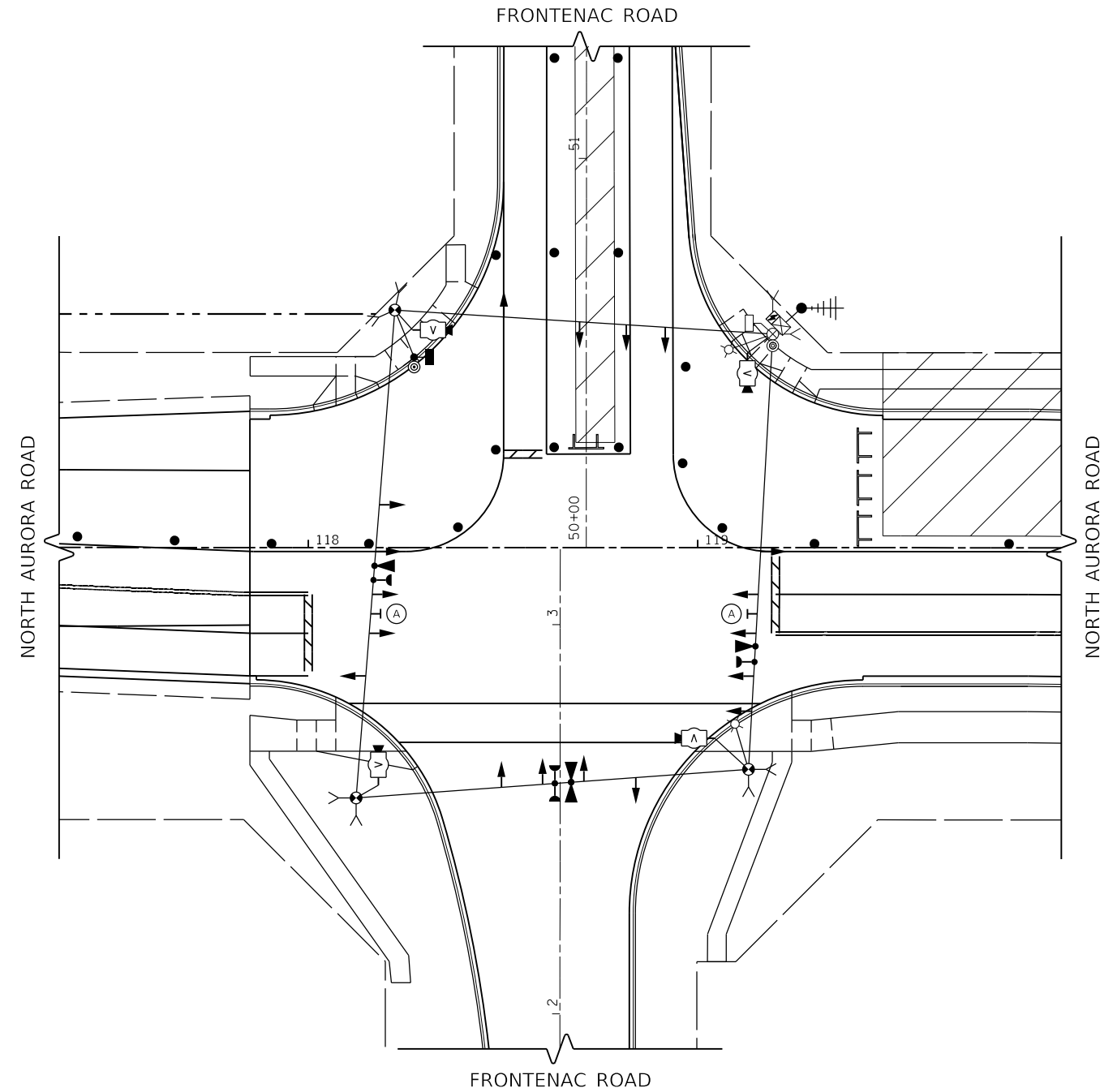


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS OFFICE	



TEMPORARY TRAFFIC SIGNAL STAGE 2



TEMPORARY TRAFFIC SIGNAL STAGE 3

FILE NAME = 090193-wt-150114



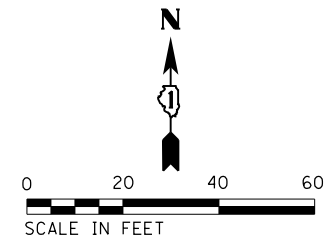
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 2 OF 3)**

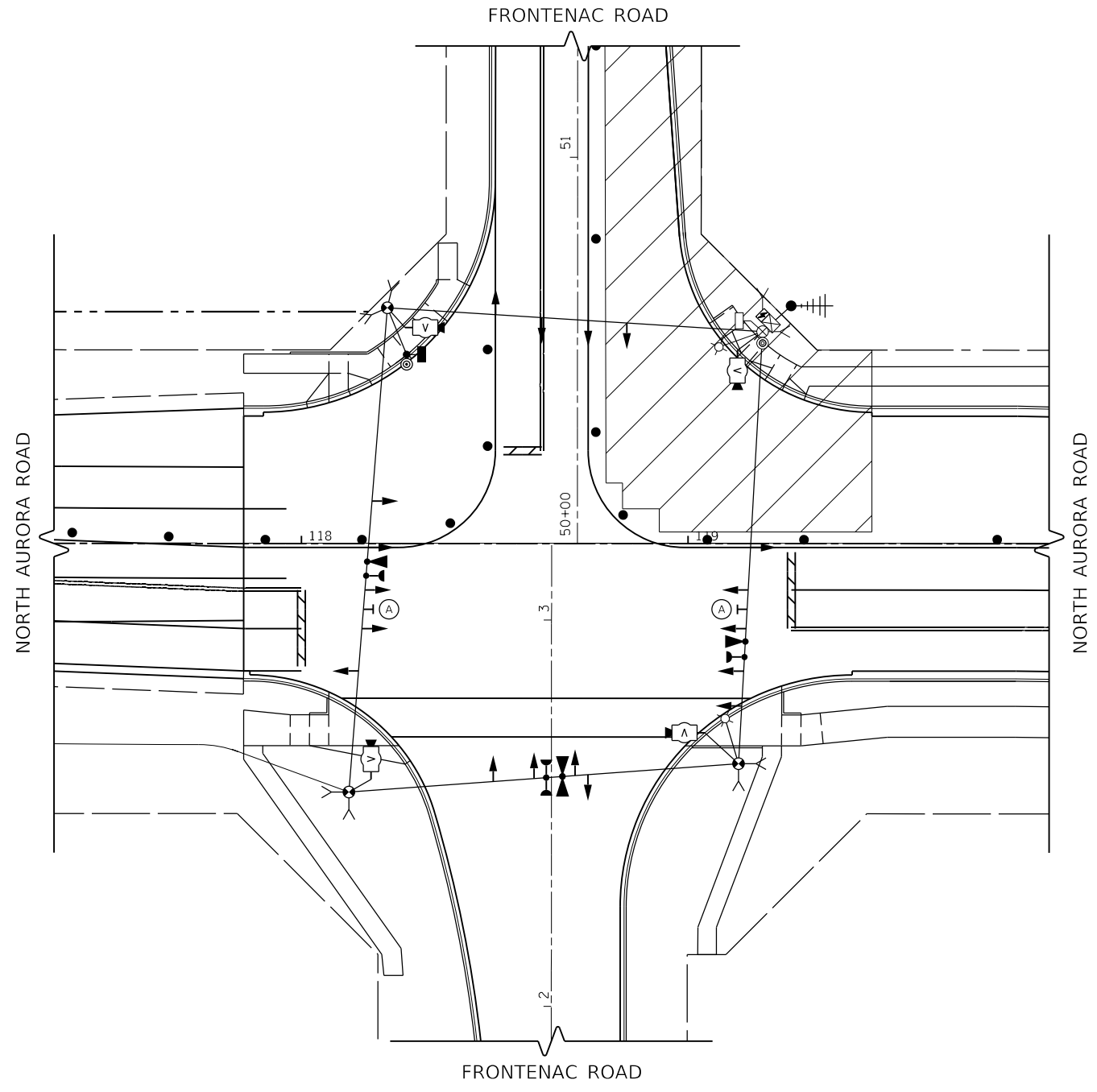
SCALE: 1"=20' SHEET 17 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV		332	174
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
	NOTATIS	
	CHKD	
	NO.	



TEMPORARY TRAFFIC SIGNAL STAGE 3A

FILE NAME = 090193-int-150115



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 3 OF 3)**

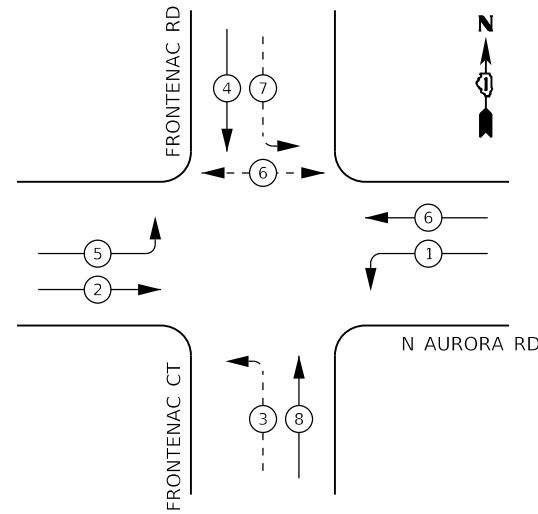
SCALE: 1"=20' SHEET 18 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	175
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

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

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

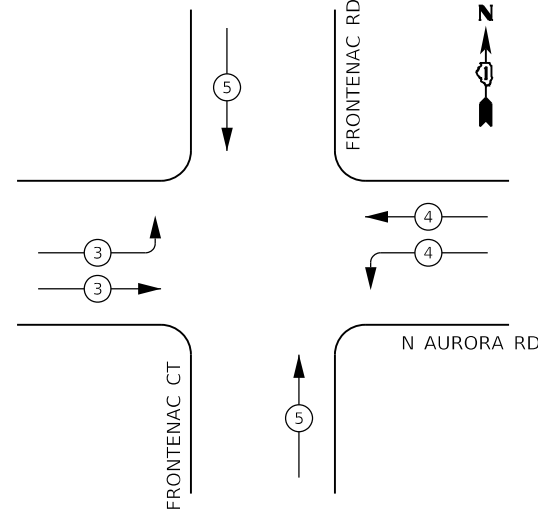
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	1	115	100	150.0
BLANK-OUT SIGN	0	25	5	
FLASHER	0	-	50	
STREET NAME SIGN	0	120	50	
LUMINAIRE	2	285	50	285.0
		TOTAL =		822.2

ENERGY COSTS TO:

CITY OF NAPERVILLE

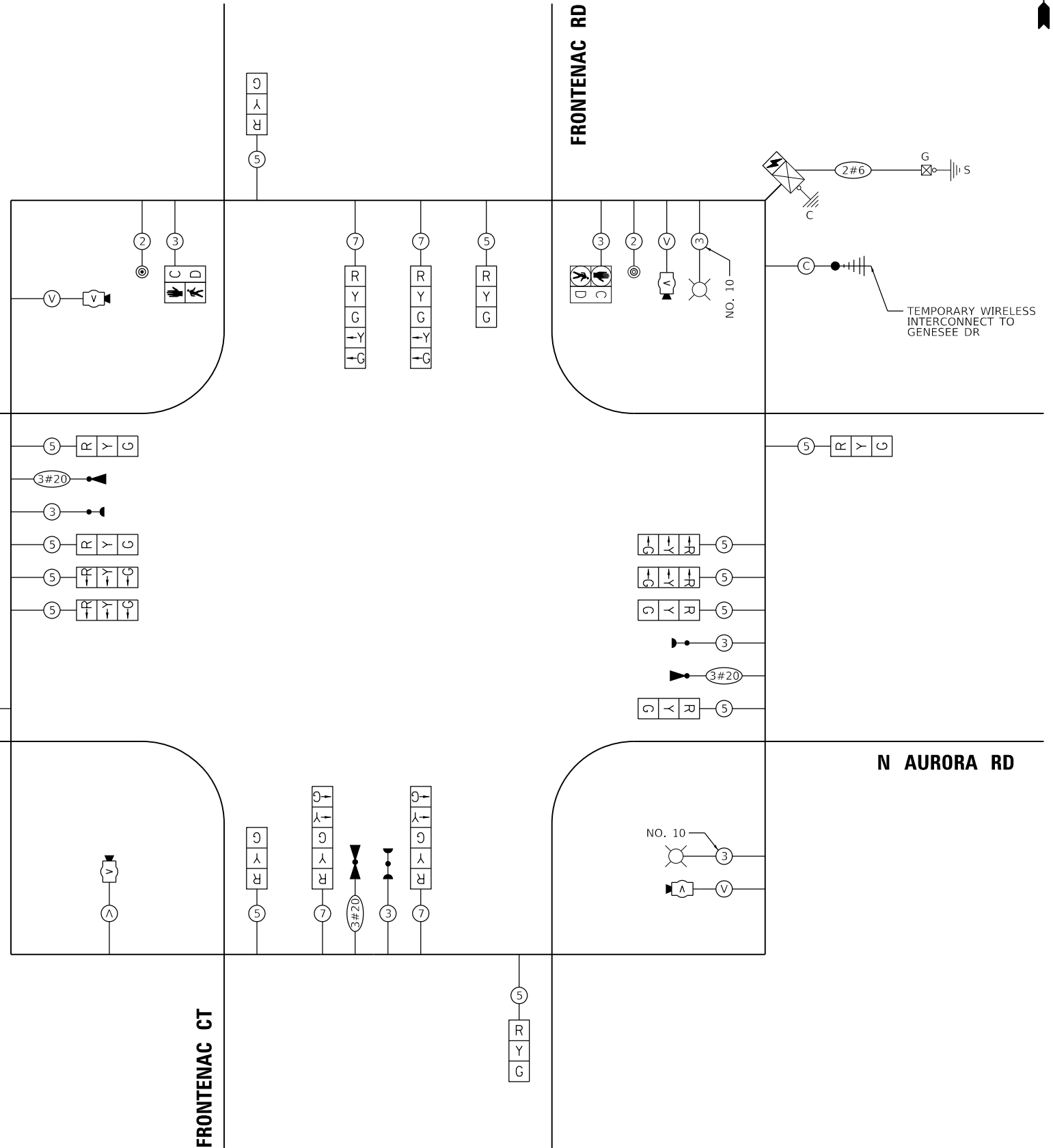
ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____

NOTES:

1. PROTECTED SIGNAL PHASE 3 TO BE INACTIVE DURING MOT STAGE 1.
2. PROTECTED SIGNAL PHASE 7 TO BE INACTIVE DURING MOT STAGE 3.
3. DE-ENERGIZE AND BAG INACTIVE SIGNAL INDICATIONS.

N AURORA RD

C R Y G



CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND FRONTENAC ROAD

SCALE: NONE SHEET 19 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	176
				CONTRACT NO. 61G19

ILLINOIS FED. AID PROJECT

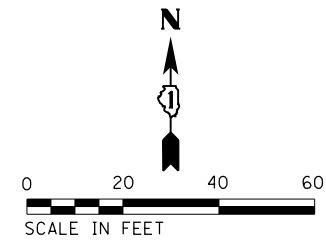
FILE NAME: 090193-wt-150121



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TTB	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

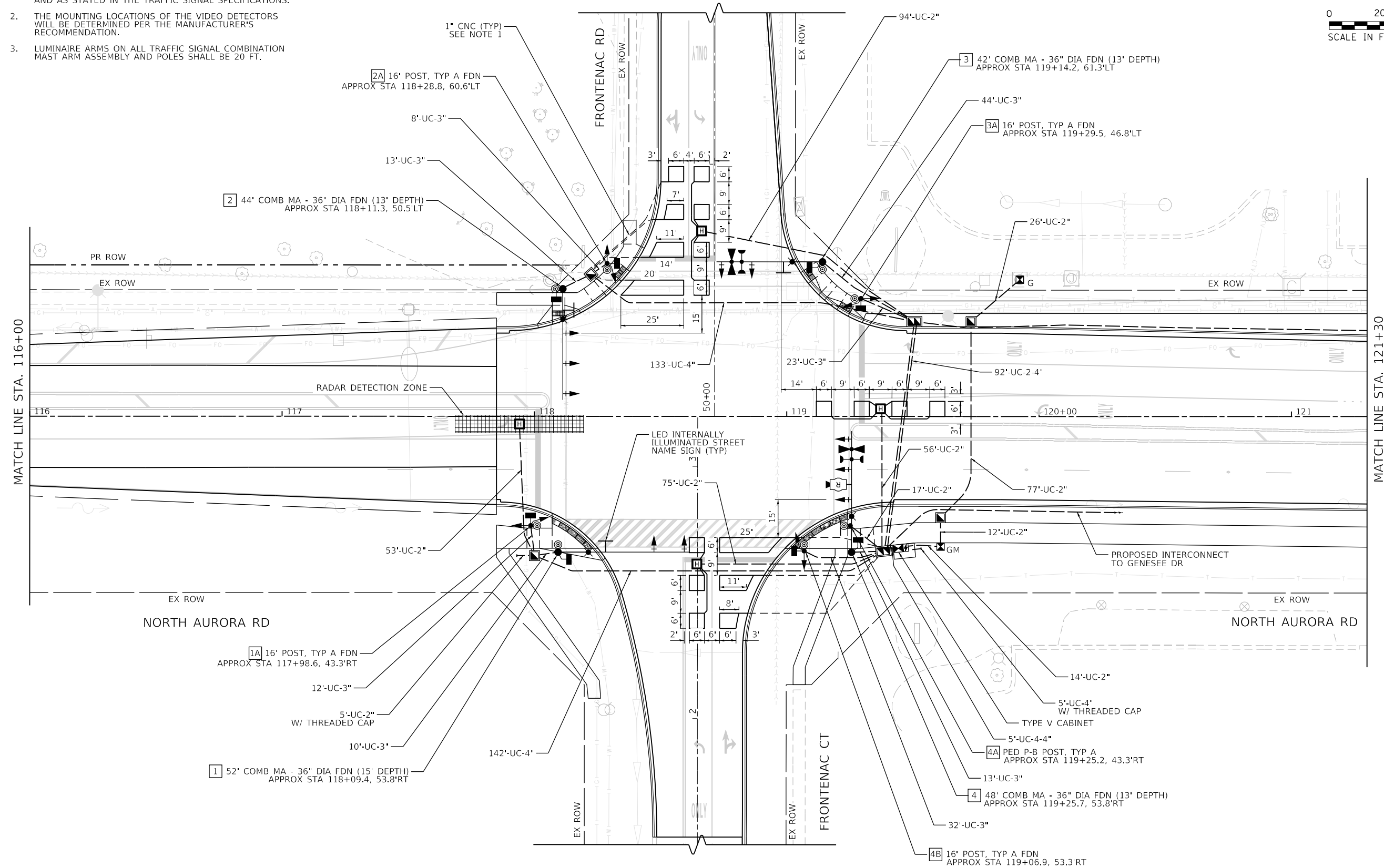
NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATION.
3. LUMINAIRE ARMS ON ALL TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE 20 FT.



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS OFFICE	



FILE NAME = 090193-014-TS0151



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

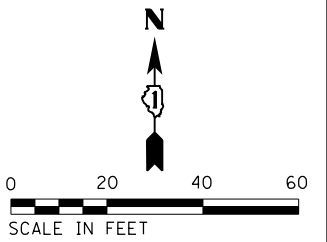
**TRAFFIC SIGNAL INSTALLATION PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 20 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV		332	177
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

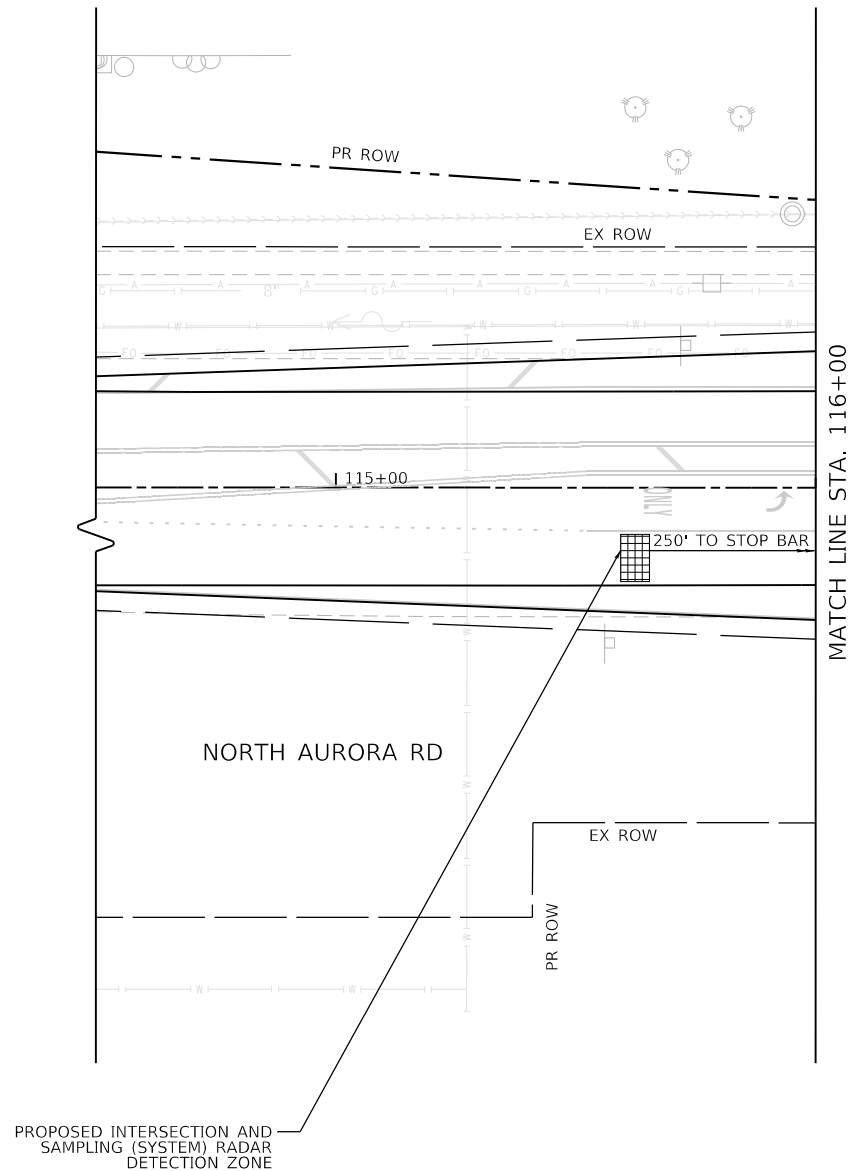
NOTES:

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

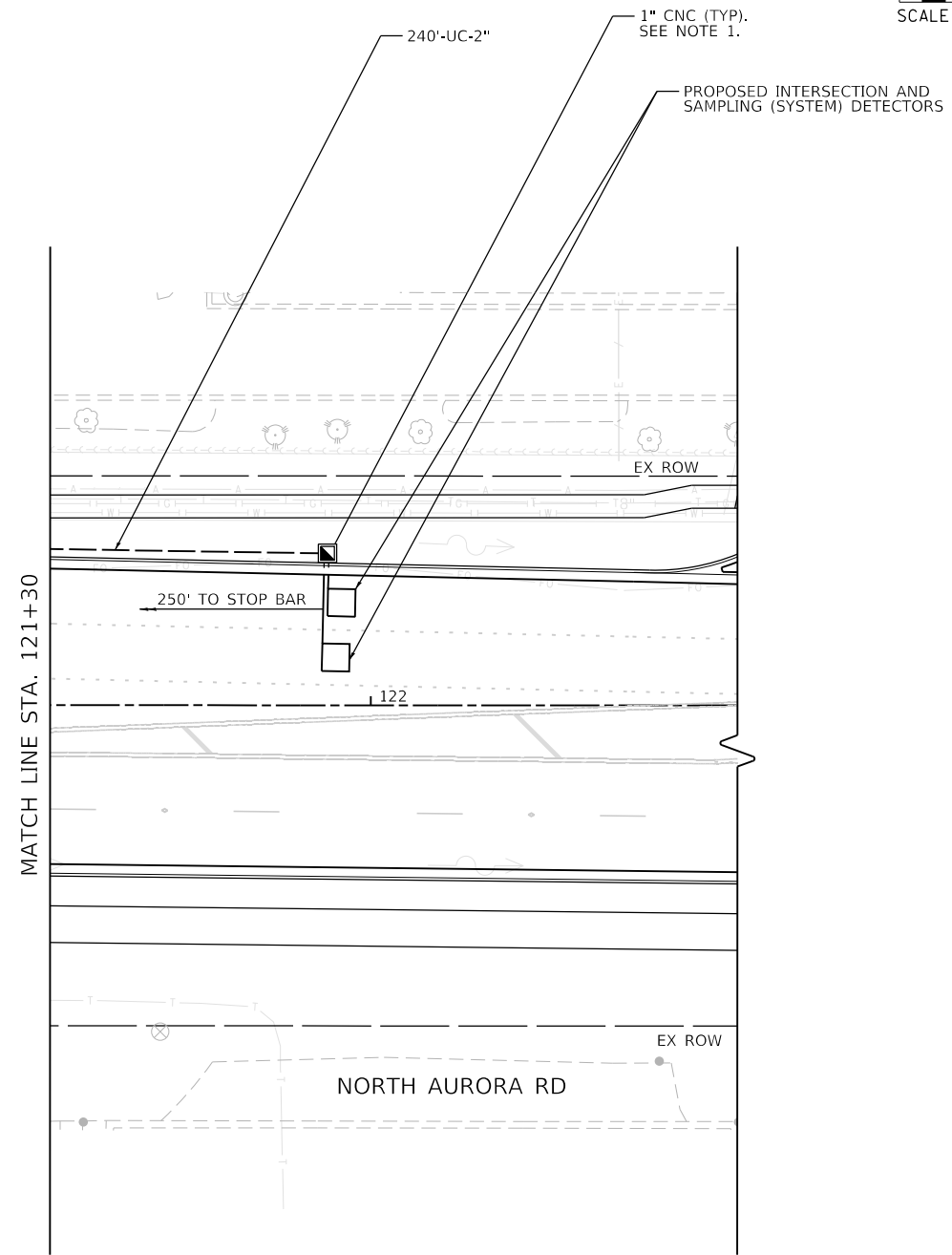


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	ALIGNMENT	
	FILE NAME	

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



MATCH LINE STA. 116+00



MATCH LINE STA. 121+30

FILE NAME = 090193-wt-150152



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TTB	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
NORTH AURORA ROAD AND FRONTENAC ROAD (SHEET 2 OF 2)

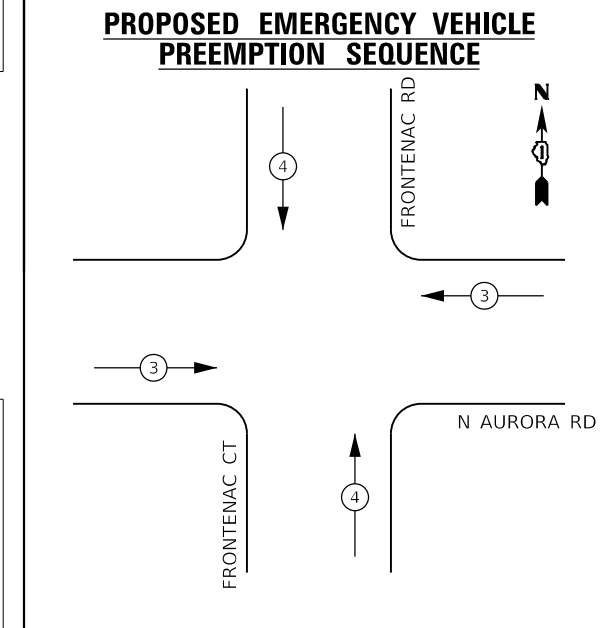
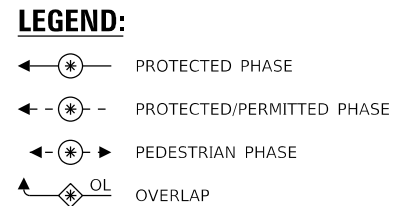
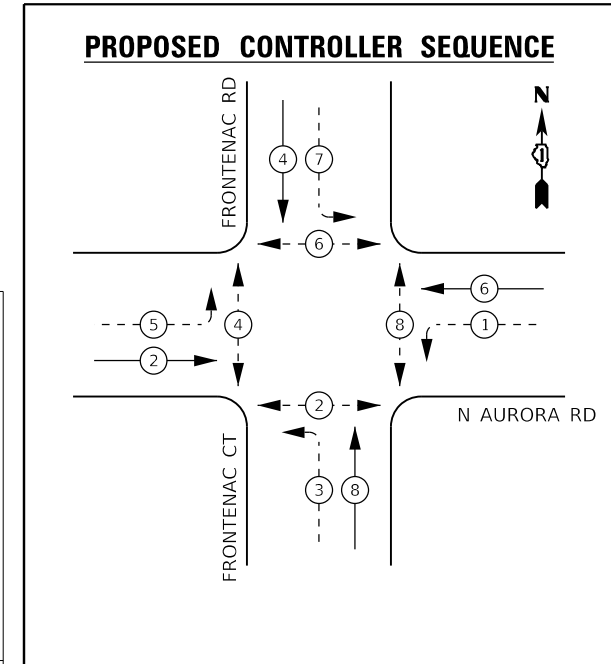
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV		332	178
CONTRACT NO. 61G19				

SCALE: 1"=20' SHEET 21 OF 48 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATRS	CPAD

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATRS	CPAD



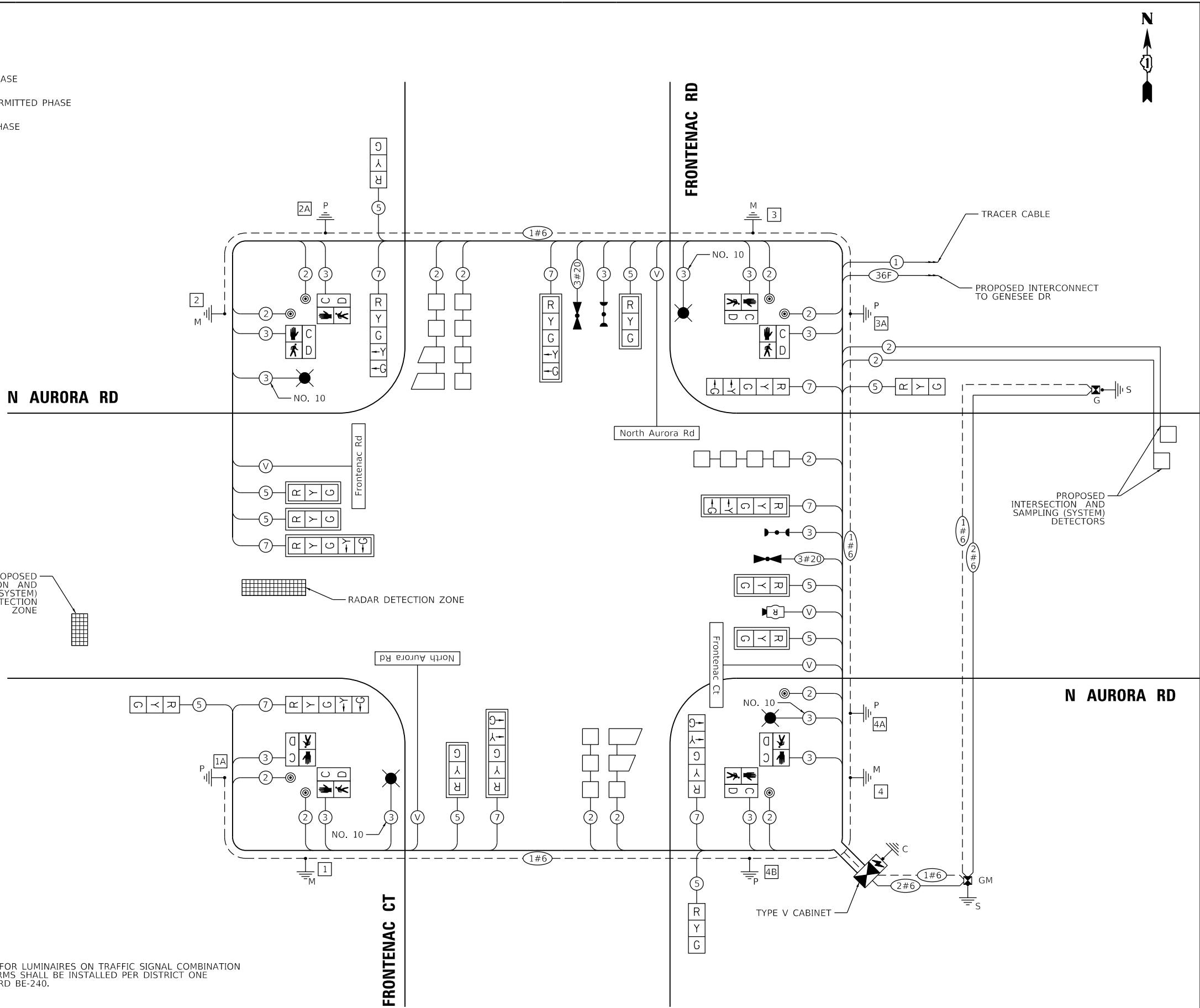
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PROT-PERM ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
RADAR DETECTOR	2	20	100	40.0
BLANK-OUT SIGN	0	25	5	-
FLASHER	0	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	4	285	50	570.0
		TOTAL =		1365.2

ENERGY COSTS TO:
CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: NAPERVILLE ELECTRIC DEPT.
ACCOUNT NUMBER: _____

- NOTES:**
1. WIRING FOR LUMINAIRES ON TRAFFIC SIGNAL COMBINATION MAST ARMS SHALL BE INSTALLED PER DISTRICT ONE STANDARD BE-240.



CABLE PLAN
(NOT TO SCALE)

FILE NAME = 090193-wt-1-150161



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TTB	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

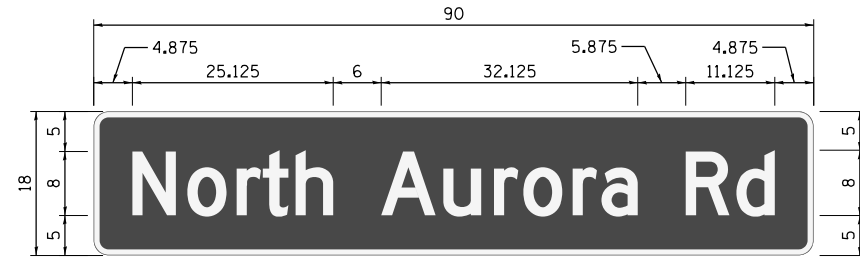
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND FRONTENAC ROAD

SCALE: NONE SHEET 22 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	179
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

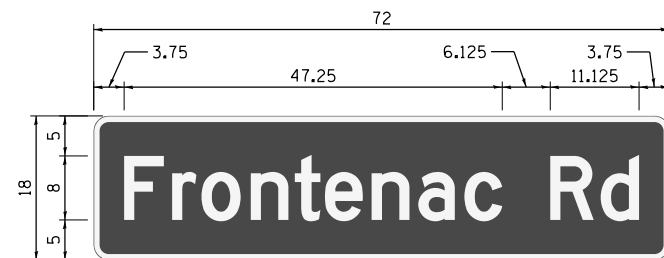
LED INTERNALLY ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



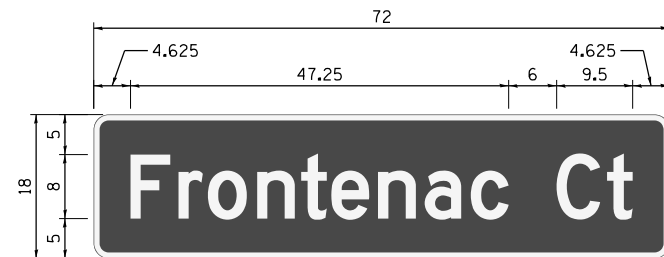
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	LED	N/A	2

SIGNS SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	LED	N/A	1

SIGN SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	LED	N/A	1

SIGN SHALL BE DOUBLE-SIDED

NOTES:

- FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE "MAST ARM MOUNTED STREET NAME SIGNS" DETAIL AND "LED ILLUMINATED STREET NAME INSTALLATION AND WIRING DIAGRAM DETAIL".

SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.33
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	604
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	155
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	484
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,425
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,805
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,040
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,690
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,455
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	165
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	785
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	766
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	335
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC)2/C NO. 10 AND NO. 10	FOOT	890
GROUND		
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, FAR BACK	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	1
SERVICE INSTALLATION (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE S00W	FOOT	800

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	

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

FILE NAME = 090193-011-TS0171



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
NORTH AURORA ROAD AND FRONTENAC ROAD**

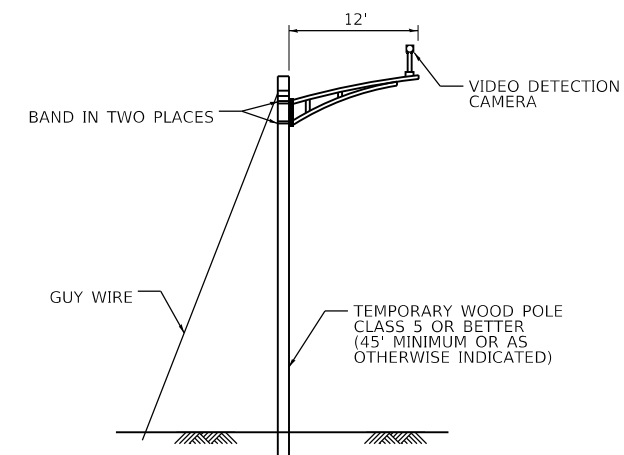
SCALE: NONE SHEET 23 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	180
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME	

DATE	
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PROFILE	
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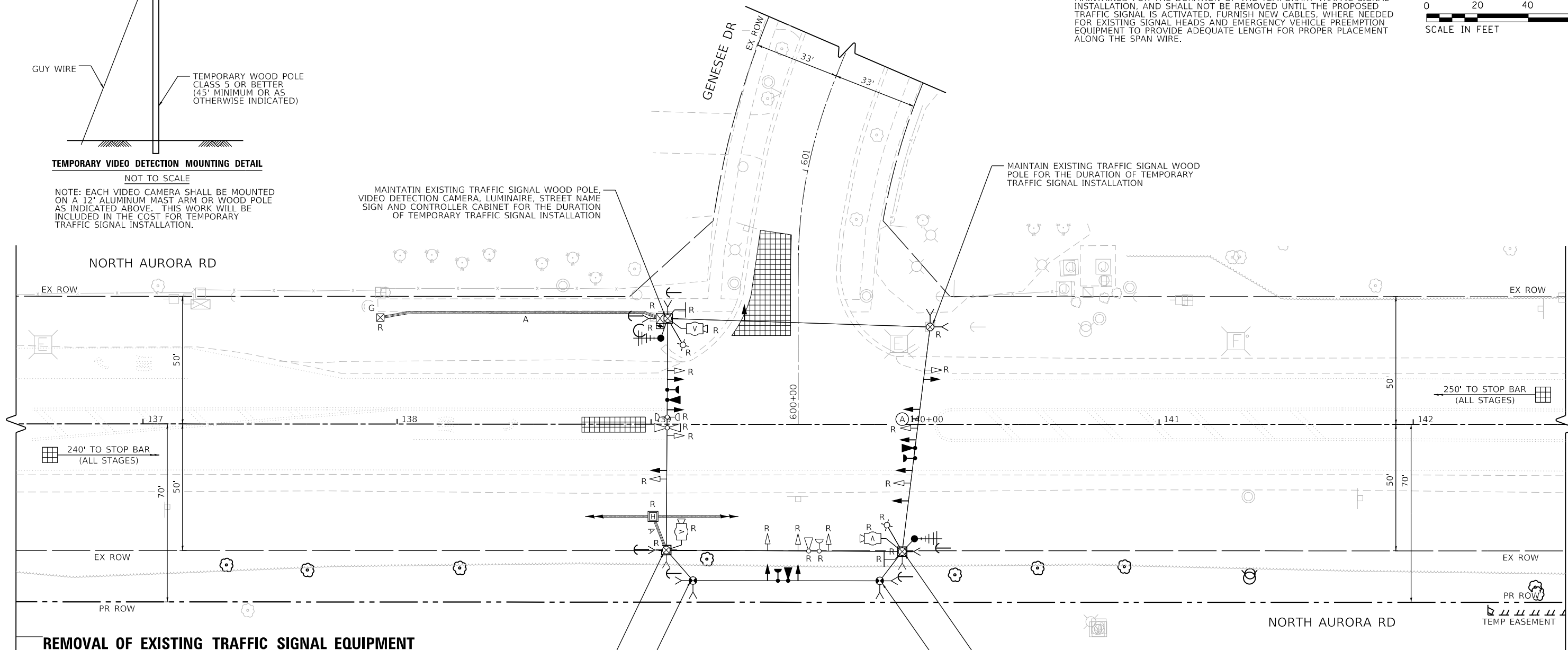
FILE NAME = 090193-wt-1-180211



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
NOT TO SCALE

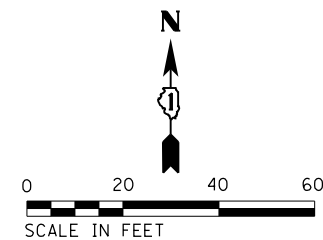
NOTE: EACH VIDEO CAMERA SHALL BE MOUNTED ON A 12' ALUMINUM MAST ARM OR WOOD POLE AS INDICATED ABOVE. THIS WORK WILL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

MAINTAIN EXISTING TRAFFIC SIGNAL WOOD POLE, VIDEO DETECTION CAMERA, LUMINAIRE, STREET NAME SIGN AND CONTROLLER CABINET FOR THE DURATION OF TEMPORARY TRAFFIC SIGNAL INSTALLATION



NOTES:

- THIS TEMPORARY TRAFFIC SIGNAL INSTALLATION UTILIZES EXISTING TRAFFIC SIGNAL EQUIPMENT AS SHOWN ON THE PLANS. EXISTING EQUIPMENT UTILIZED FOR TEMPORARY INSTALLATION SHALL BE MAINTAINED FOR THE DURATION OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, AND SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL IS ACTIVATED. FURNISH NEW CABLES, WHERE NEEDED FOR EXISTING SIGNAL HEADS AND EMERGENCY VEHICLE PREEMPTION EQUIPMENT TO PROVIDE ADEQUATE LENGTH FOR PROPER PLACEMENT ALONG THE SPAN WIRE.



REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF NAPERVILLE

- 2 EACH LIGHT DETECTOR AND BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL WOOD POLE (INCLUDING SPAN WIRE ASSEMBLY)
- 7 EACH SIGNAL HEAD, 3-SECTION
- 2 EACH SIGNAL HEAD, 5-SECTION
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH LUMINAIRE (WITH LUMINAIRE MAST ARM)

MAINTAIN EXISTING TRAFFIC SIGNAL WOOD POLE AND VIDEO DETECTION CAMERA FOR THE DURATION OF TEMPORARY TRAFFIC SIGNAL INSTALLATION

TEMPORARY TRAFFIC SIGNAL WOOD POLE APPROX STA 139+16.5, 61.5'RT

MAINTAIN EXISTING TRAFFIC SIGNAL WOOD POLE, VIDEO DETECTION CAMERA, LUMINAIRE AND STREET NAME SIGN FOR THE DURATION OF TEMPORARY TRAFFIC SIGNAL INSTALLATION

TEMPORARY TRAFFIC SIGNAL WOOD POLE APPROX STA 139+90.0, 61.6'RT



R10-5
30"x36"
(1 REQUIRED)
SIGN PANEL TYPE 1
(INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



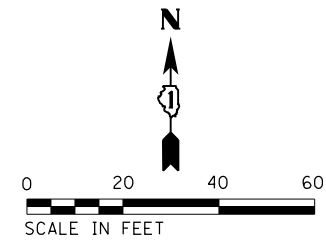
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
NORTH AURORA ROAD AND GENESEE DRIVE

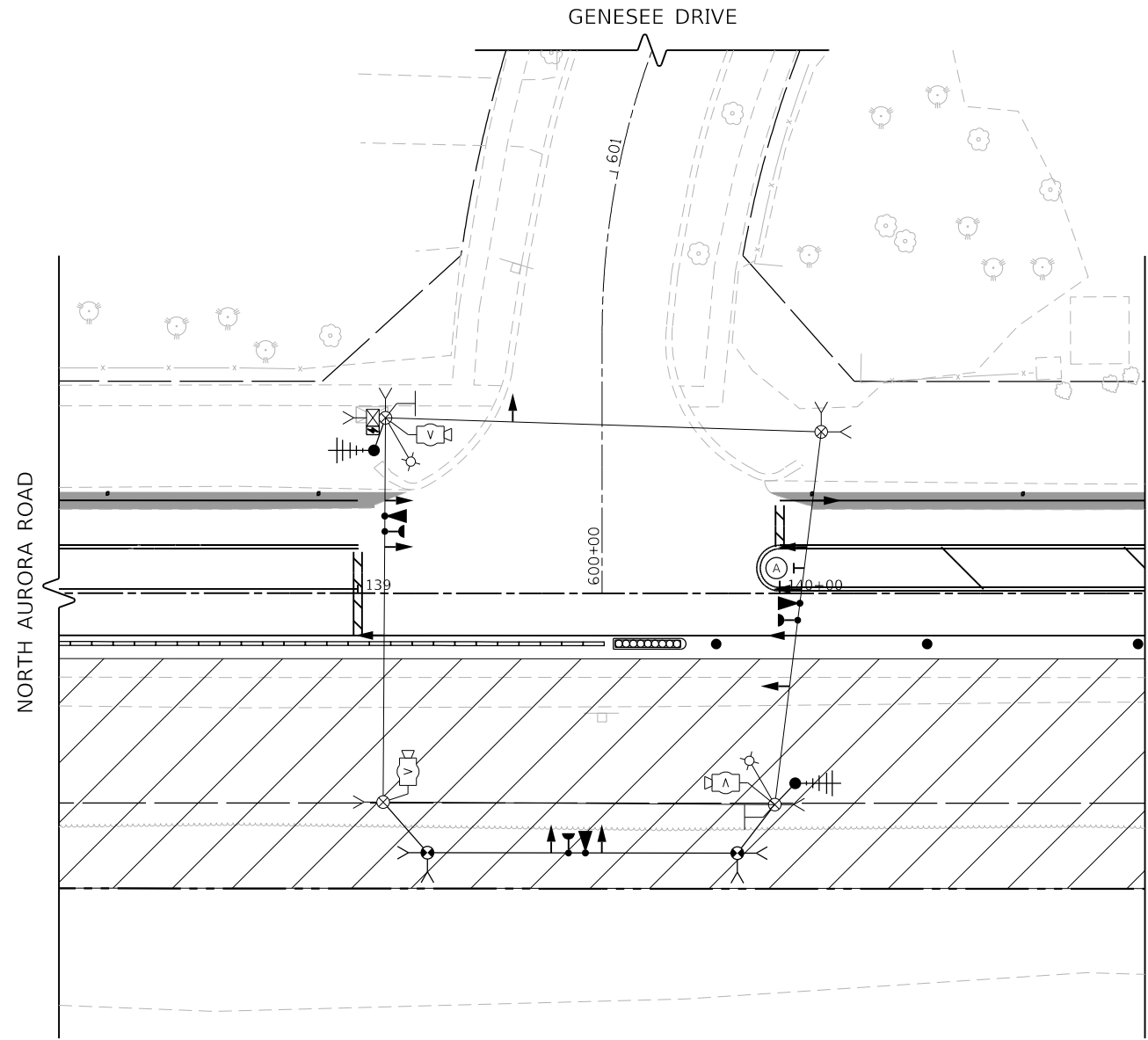
SCALE: 1"=20' SHEET 24 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	181
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

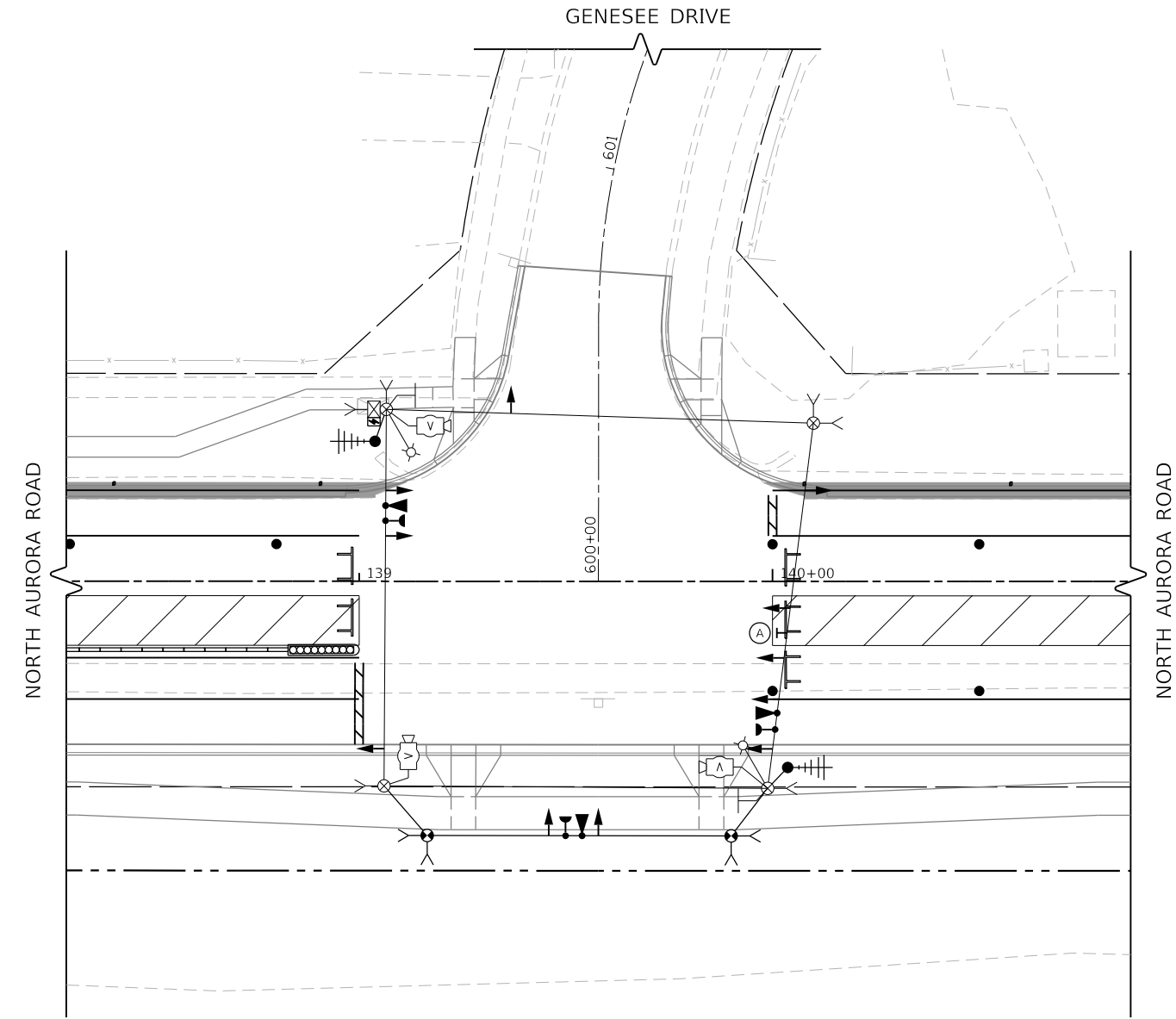


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS OFFICE	



TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 2

FILE NAME = 090193-wt-150213



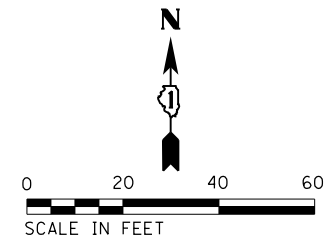
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND GENESEE DRIVE (SHEET 1 OF 3)**

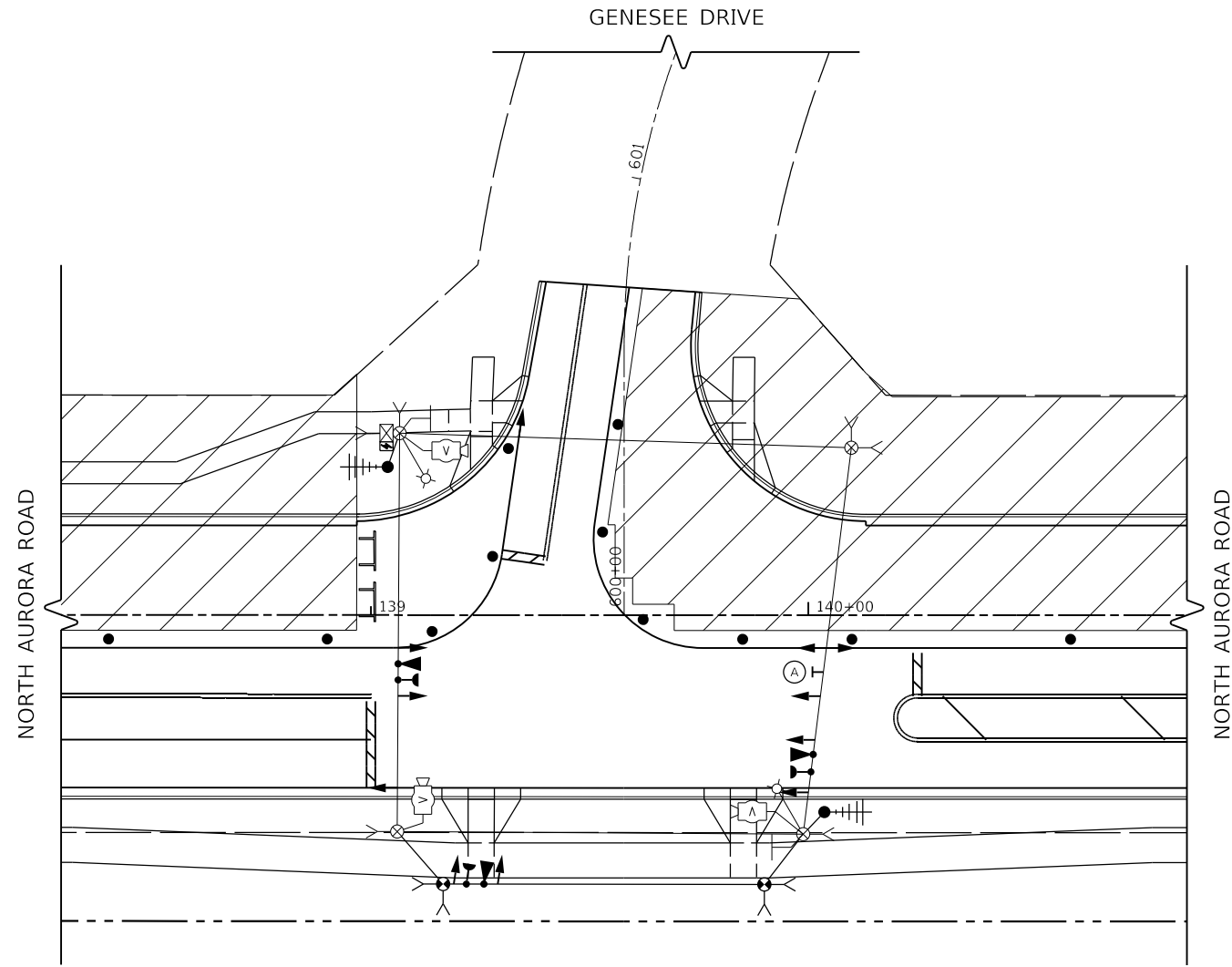
SCALE: 1"=20' SHEET 25 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	182
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

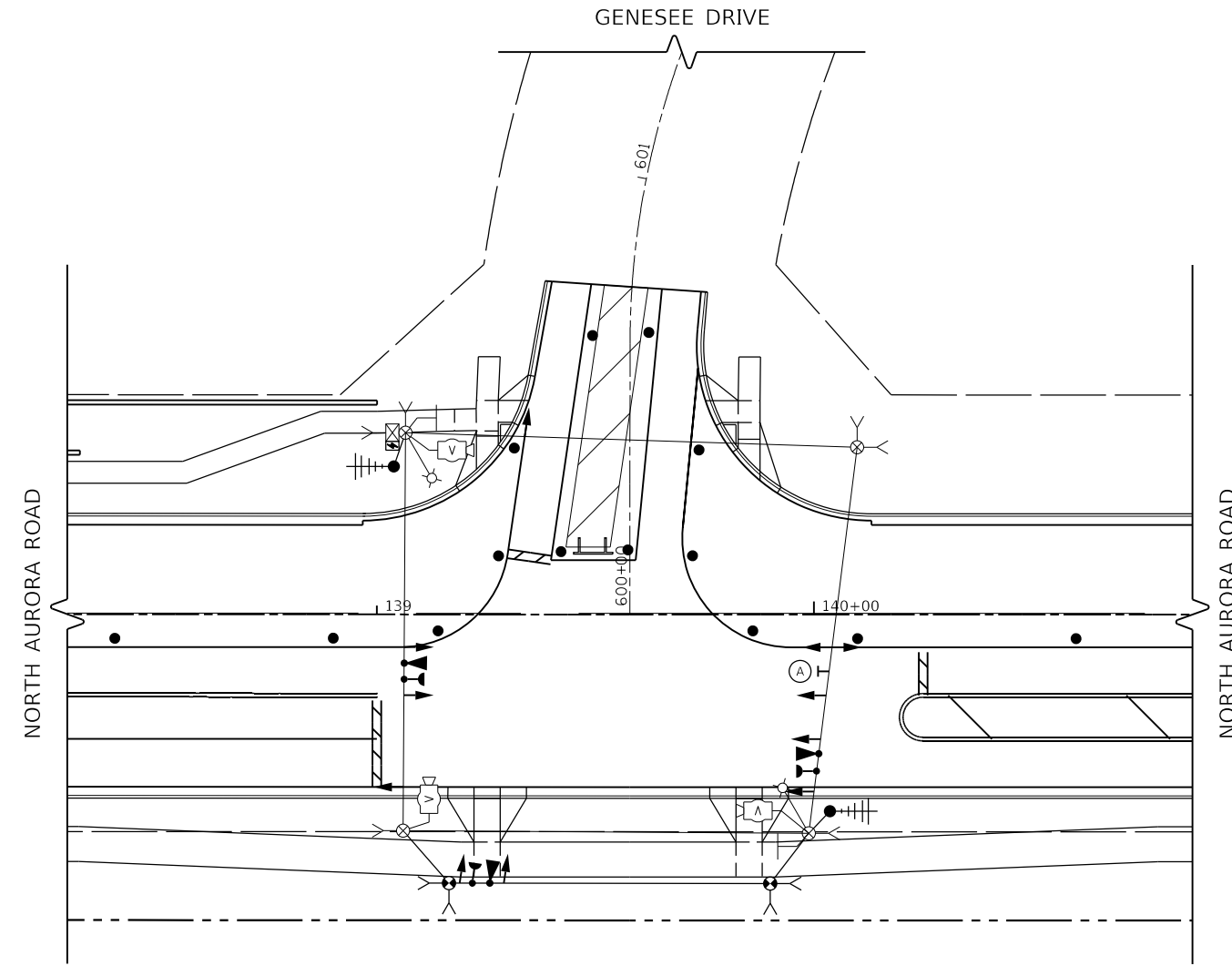


PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	



TEMPORARY TRAFFIC SIGNAL STAGE 3



TEMPORARY TRAFFIC SIGNAL STAGE 3A

FILE NAME = 098193-INT-158214



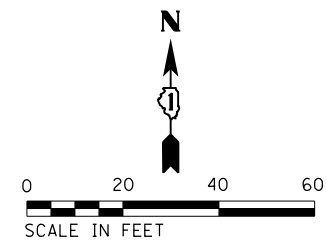
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND GENESEE DRIVE (SHEET 2 OF 3)**

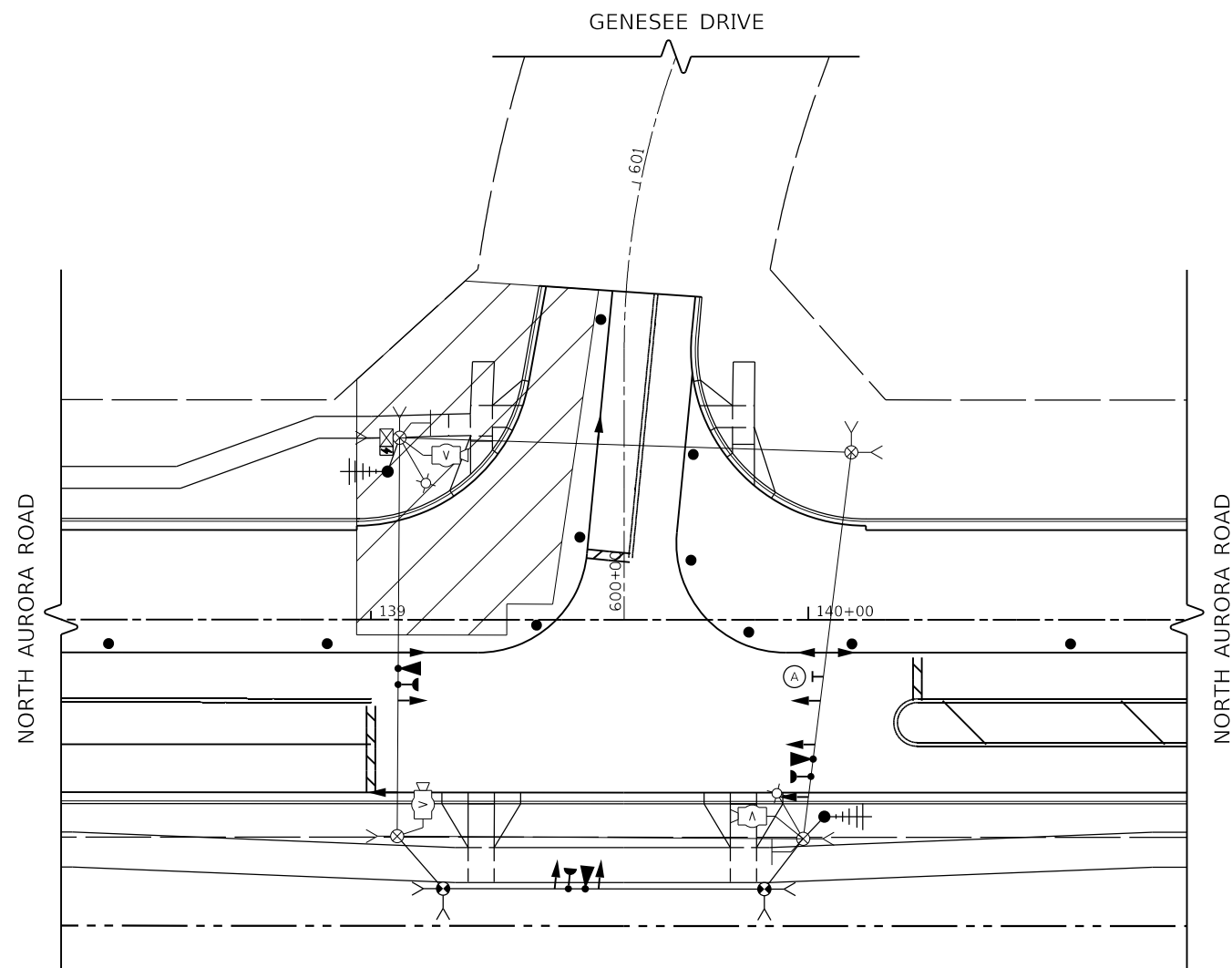
SCALE: 1"=20' SHEET 26 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	183
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



TEMPORARY TRAFFIC SIGNAL STAGE 3B

FILE NAME = 090193-INT-150215



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

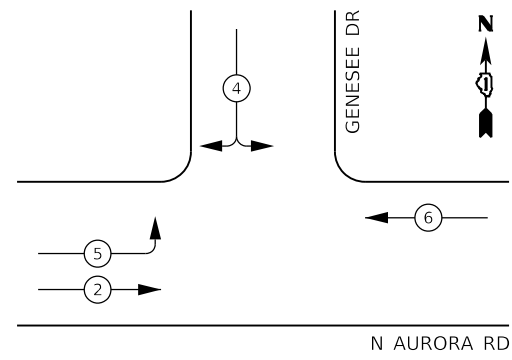
**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND GENESEE DRIVE (SHEET 3 OF 3)**

SCALE: 1"=20' SHEET 27 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	184
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

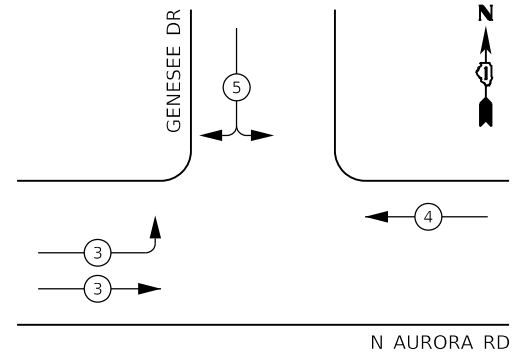


TEMPORARY CONTROLLER SEQUENCE



- LEGEND:**
- ← (circle with star) → PROTECTED PHASE
 - ← - (circle with star) - → PROTECTED/PERMITTED PHASE
 - ← - (circle with star) → PEDESTRIAN PHASE
 - ← (circle with star) → OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

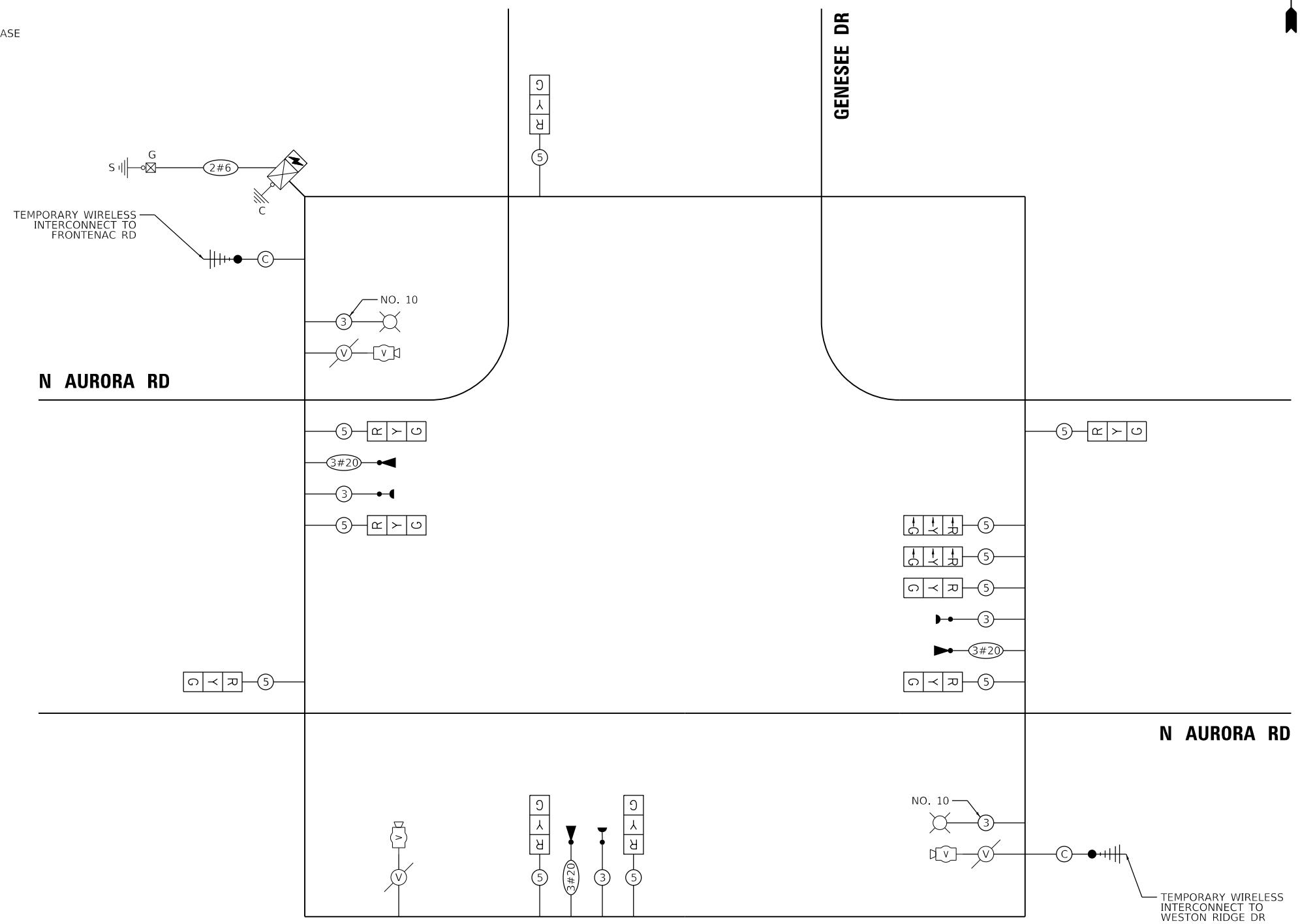


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11.0
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	0	10	10	
PED. SIGNAL	0	20	100	
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	1	115	100	115.0
BLANK-OUT SIGN	0	25	5	
FLASHER	0	-	50	
STREET NAME SIGN	0	120	50	
LUMINAIRE	2	285	50	285.0
		TOTAL =		655.9

ENERGY COSTS TO:
 CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

PLAN	NO.	DATE
BY		
DATE		
BY		
DATE		
BY		
DATE		
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DATE		

PROFILE	NO.	DATE
BY		
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DATE		

FILE NAME = 090193-wt-150221



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TTB	REVISED -
PLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

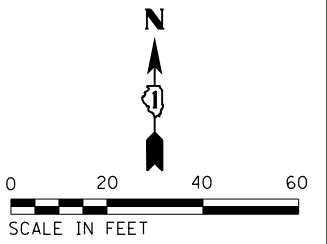
**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
 AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 NORTH AURORA ROAD AND GENESEE DRIVE**

SCALE: NONE SHEET 28 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	185
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

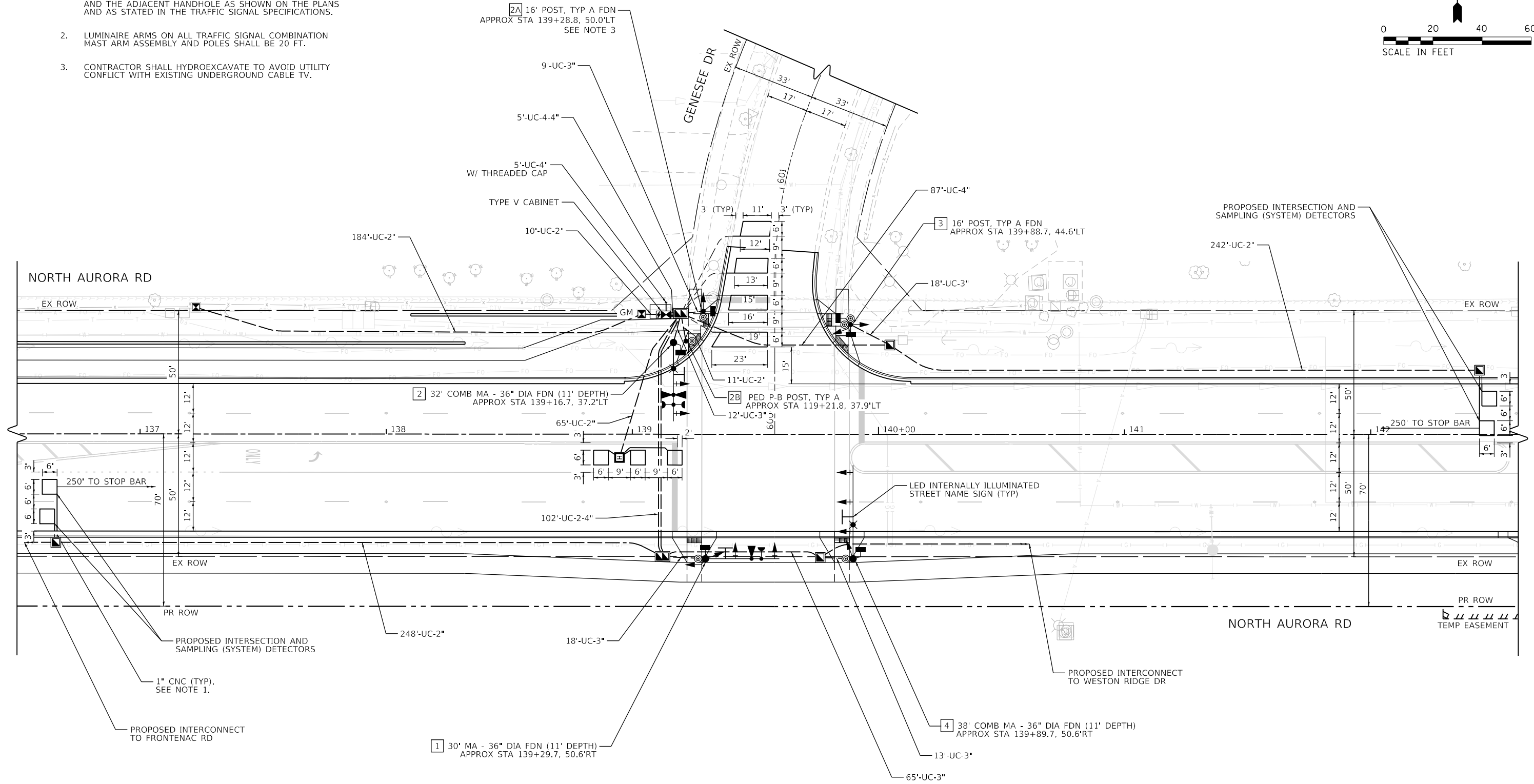
NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. LUMINAIRE ARMS ON ALL TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE 20 FT.
3. CONTRACTOR SHALL HYDROEXCAVATE TO AVOID UTILITY CONFLICT WITH EXISTING UNDERGROUND CABLE TV.



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

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	CHECKED
	NOTATRS CHFD	NO.



FILE NAME = 090193-INT-150251



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN
NORTH AURORA ROAD AND GENESSEE DRIVE**

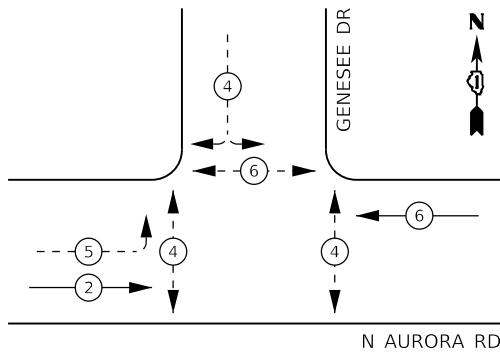
SCALE: 1"=20' SHEET 29 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	186
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

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

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

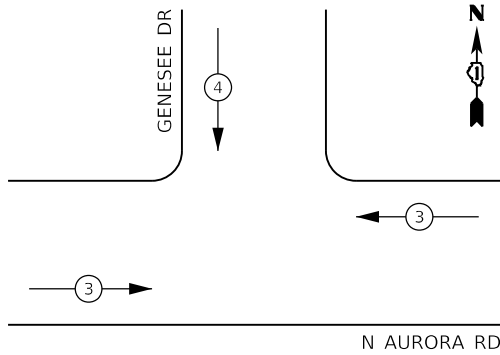
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

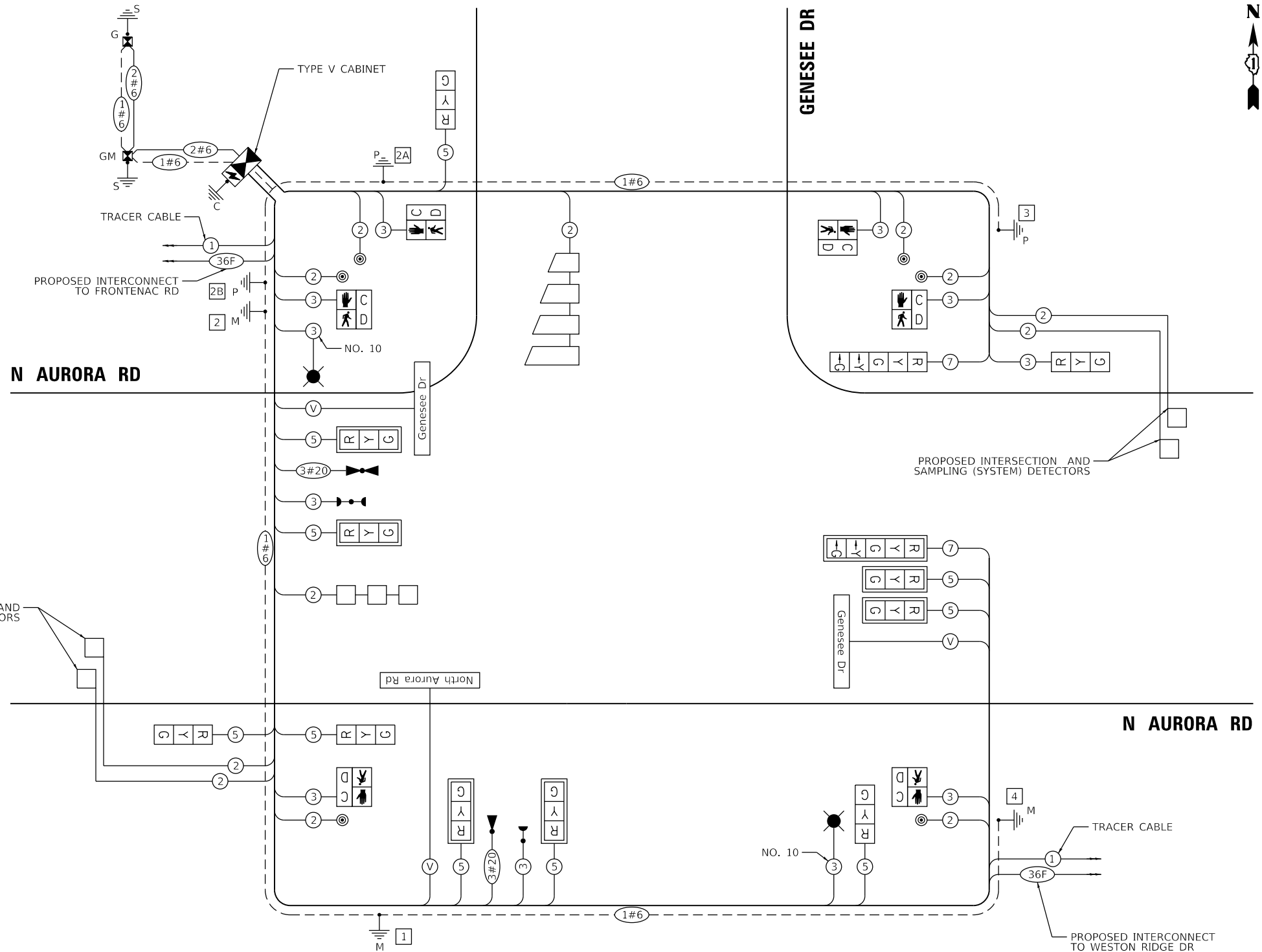
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	13	12	45	70.2
PROT-PERM ARROW	4	10	10	4.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	0	115	100	-
BLANK-OUT SIGN	0	25	5	-
FLASHER	0	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	2	285	50	285.0
TOTAL =				868.7

ENERGY COSTS TO:

CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



CABLE PLAN
(NOT TO SCALE)

NOTES:

1. WIRING FOR LUMINAIRE ON TRAFFIC SIGNAL COMBINATION MAST ARMS SHALL BE INSTALLED PER DISTRICT ONE STANDARD BE-240.

FILE NAME = 090193-wt-150261



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
PLLOT SCALE = 40.0000' / in.	DRAWN - TTB	REVISED -
PLLOT DATE = 12/9/2020	CHECKED - BVW	REVISED -
	DATE - 11/3/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND GENESSEE DRIVE

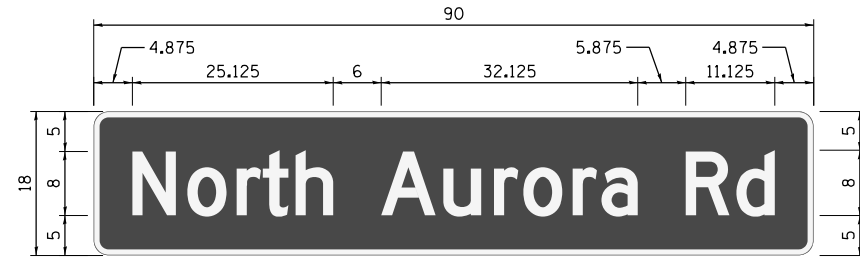
SCALE: NONE SHEET 30 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	187
CONTRACT NO. 61G19				

ILLINOIS FED. AID PROJECT

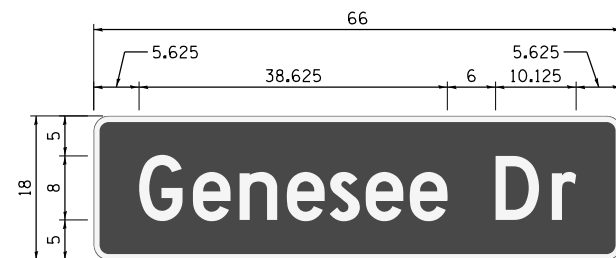
LED INTERNALLY ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	LED	N/A	1

SIGN SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	LED	N/A	2

SIGNS SHALL BE DOUBLE-SIDED

NOTES:

- FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE 'MAST ARM MOUNTED STREET NAME SIGNS' DETAIL AND 'LED ILLUMINATED STREET NAME INSTALLATION AND WIRING DIAGRAM DETAIL'.

SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.33
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	760
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	135
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	316
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	780
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,115
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,890
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	435
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,630
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	210
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	525
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	33
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE I	FOOT	421
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	285
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC)2/C NO. 10 AND NO. 10	FOOT	370
GROUND		
SERVICE INSTALLATION (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE S00W	FOOT	515

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

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

FILE NAME = 090193-141-150271



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES NORTH AURORA ROAD AND GENESEE DRIVE	
SCALE: NONE	SHEET 31 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	188
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G19	

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF NAPERVILLE

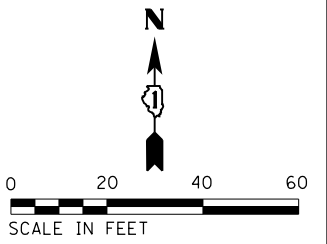
- 2 EACH LIGHT DETECTOR AND BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

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

- 1 EACH SERVICE INSTALLATION
- 6 EACH SIGNAL POST
- 6 EACH SIGNAL HEAD, 3-SECTION
- 4 EACH SIGNAL HEAD, 5-SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON

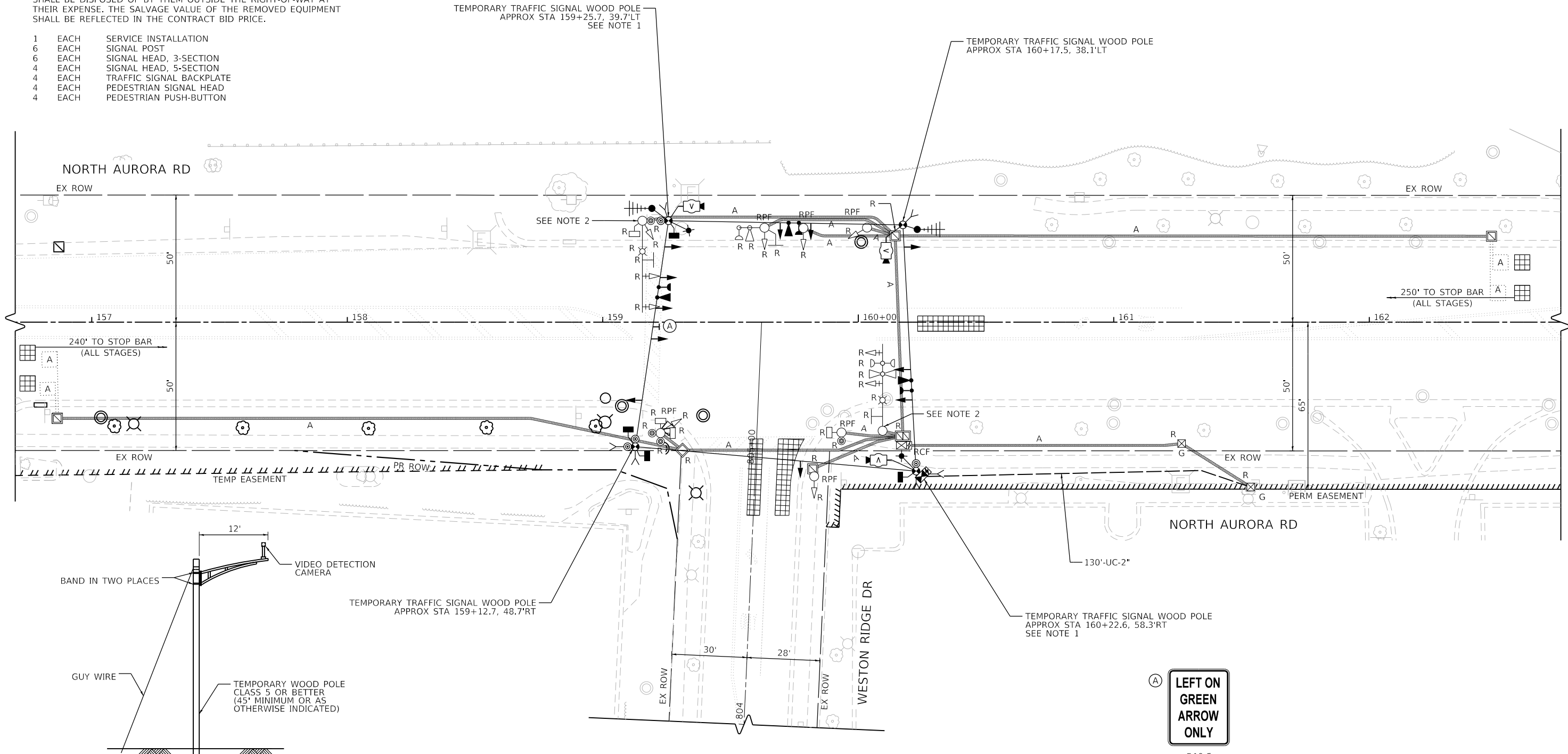
NOTES:

1. LUMINAIRE ATTACHED TO TEMPORARY WOOD POLES SHALL BE MOUNTED AT A HEIGHT OF 45 FT ABOVE PAVEMENT. PROVIDE WOOD POLE OF APPROPRIATE LENGTH AS NOTED IN THE SPECIFICATIONS FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE TO REMAIN ON EXISTING FOUNDATION. EXISTING SIGNAL EQUIPMENT MOUNTED ON POLE OR MAST ARM TO BE REMOVED AS NOTED ON PLAN.



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOT AT THIS OFFICE	



TEMPORARY VIDEO DETECTION MOUNTING DETAIL

NOT TO SCALE

NOTE: EACH VIDEO CAMERA SHALL BE MOUNTED ON A 12" ALUMINUM MAST ARM OR WOOD POLE AS INDICATED ABOVE. THIS WORK WILL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



R10-5
30"x36"
(1 REQUIRED)
SIGN PANEL TYPE 1
(INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

FILE NAME = 090193-wt-150311



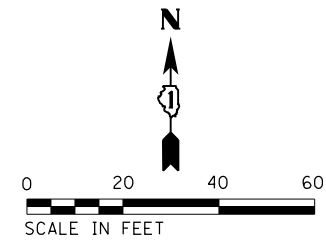
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
NORTH AURORA ROAD AND WESTON RIDGE DRIVE**

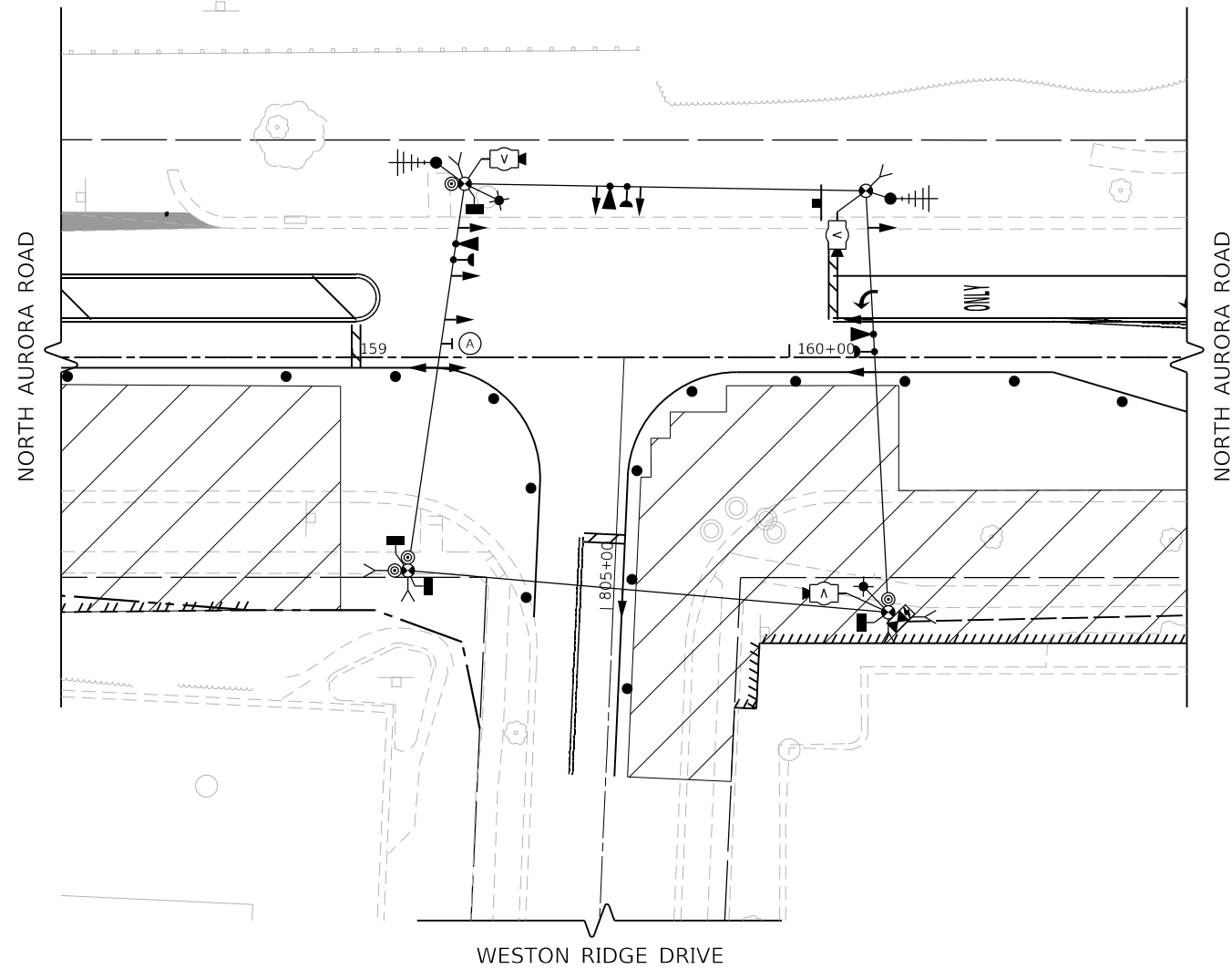
SCALE: 1"=20' SHEET 32 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	189
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

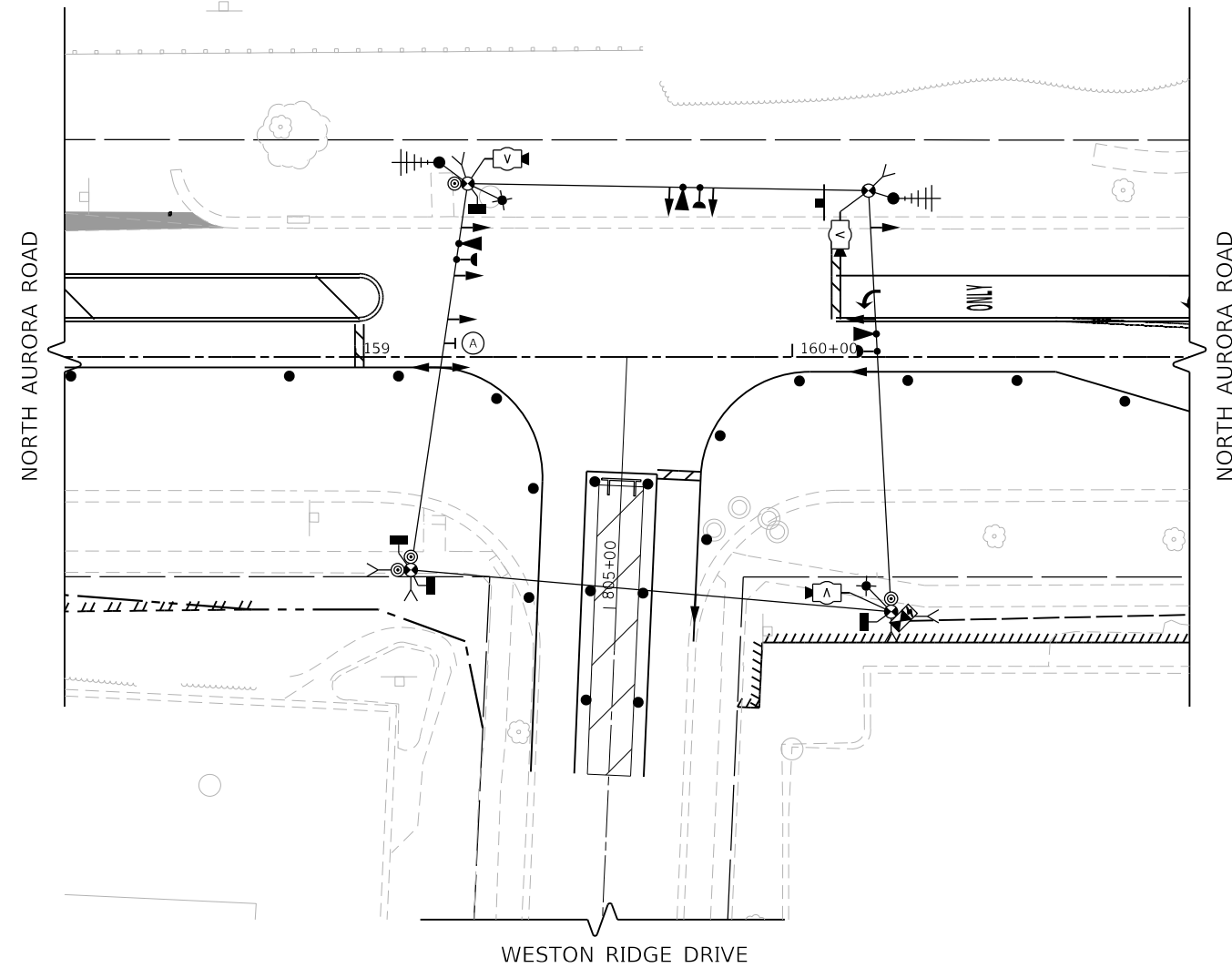


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

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



TEMPORARY TRAFFIC SIGNAL STAGE 1



TEMPORARY TRAFFIC SIGNAL STAGE 1A

FILE NAME = 090193-wt-150213



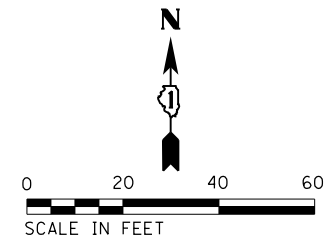
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND WESTON RIDGE DRIVE (SHEET 1 OF 3)**

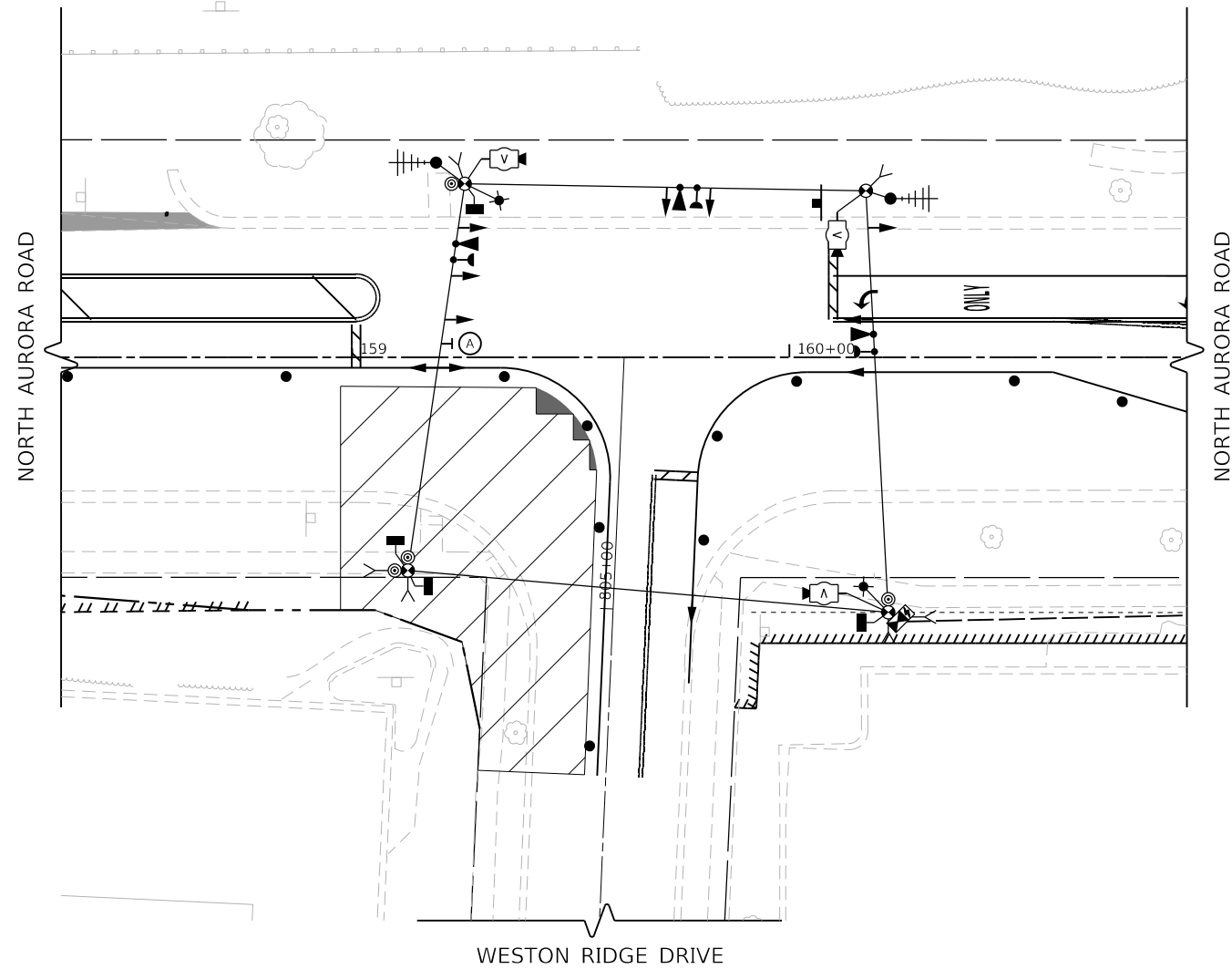
SCALE: 1"=20' SHEET 33 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	190
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				

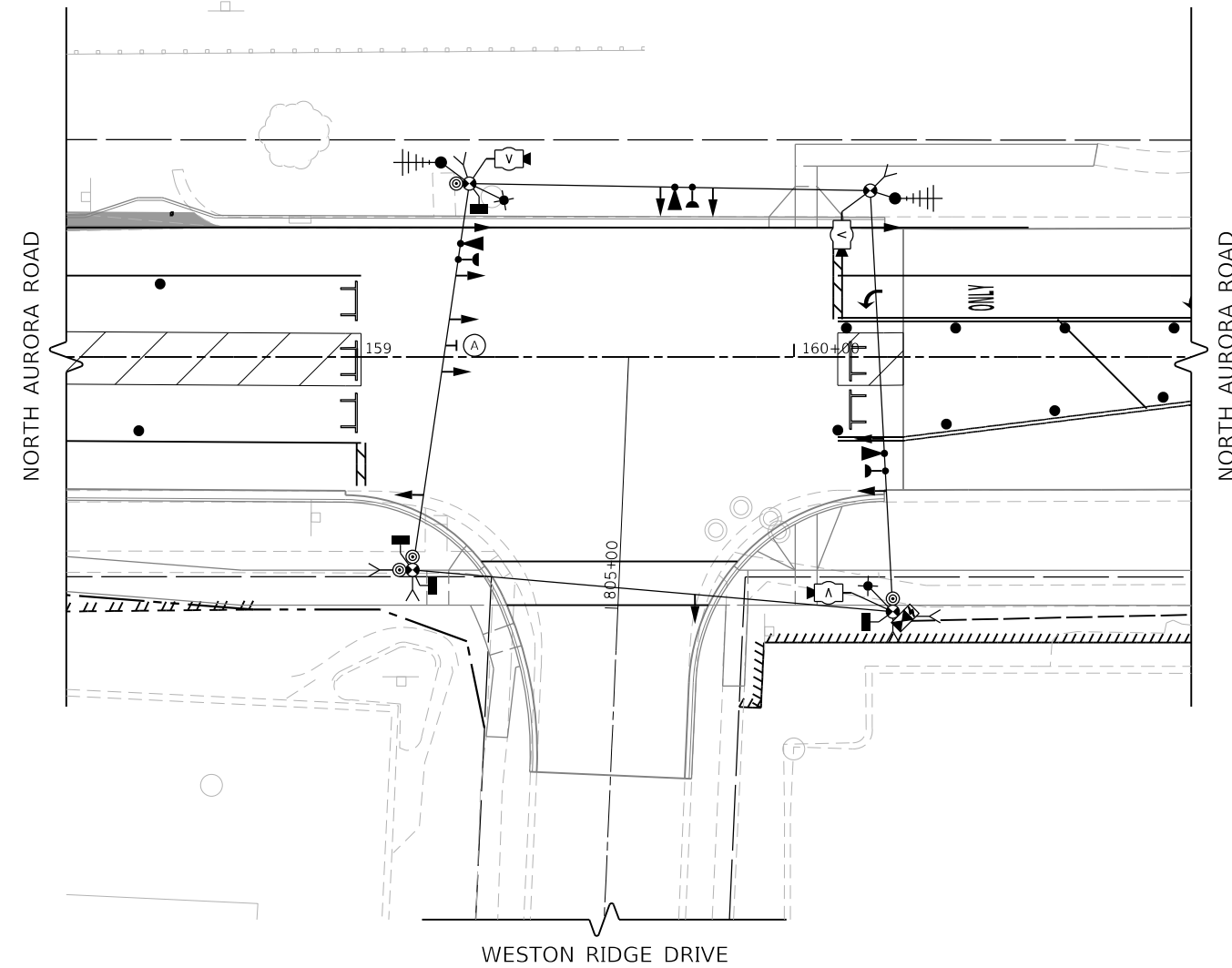


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		

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



TEMPORARY TRAFFIC SIGNAL STAGE 1B



TEMPORARY TRAFFIC SIGNAL STAGE 2

FILE NAME = 090193-wt-150314



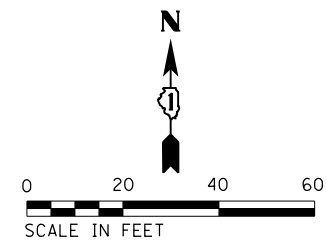
USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND WESTON RIDGE DRIVE (SHEET 2 OF 3)**

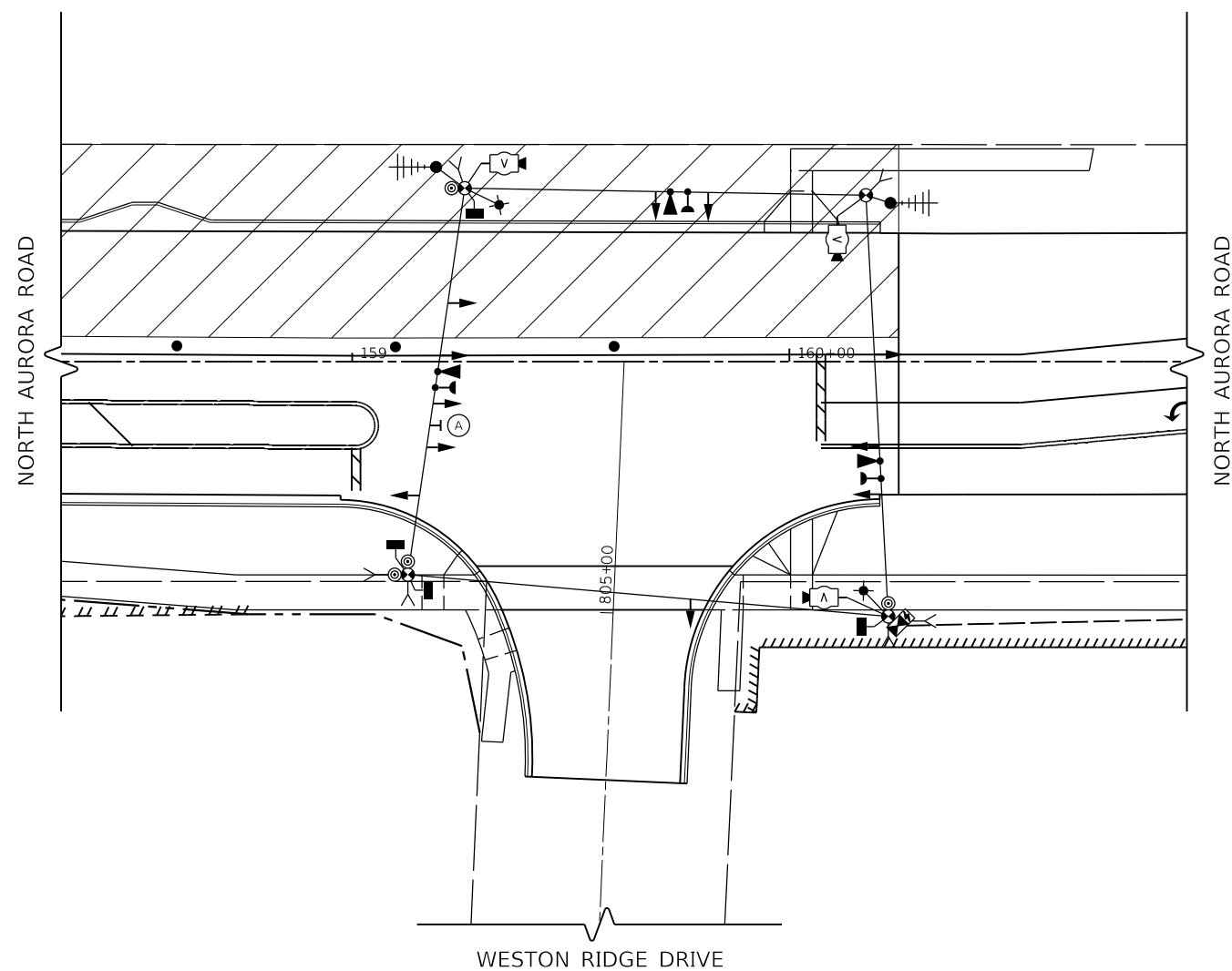
SCALE: 1"=20' SHEET 34 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	191
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIS	
	CHKD	
	NO.	



TEMPORARY TRAFFIC SIGNAL STAGE 3

FILE NAME = 090193-INT-150315



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING PLAN
NORTH AURORA ROAD AND WESTON RIDGE DRIVE (SHEET 3 OF 3)**

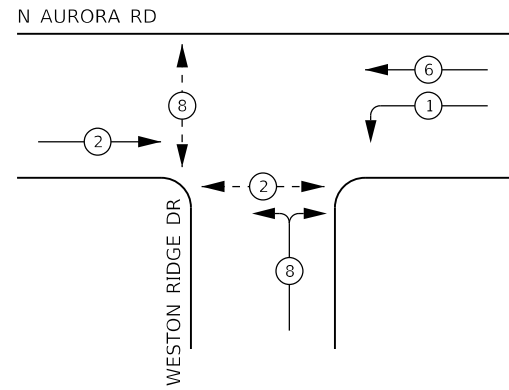
SCALE: 1"=20' SHEET 35 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	192
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTAT THIS OFFICE	

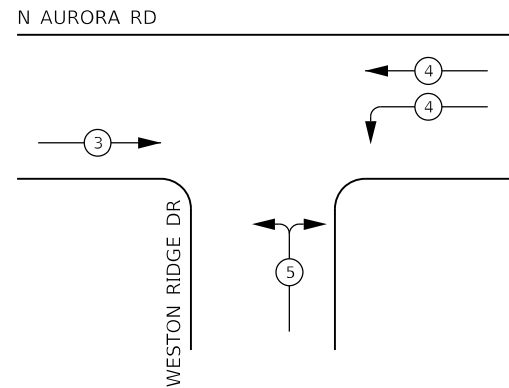
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



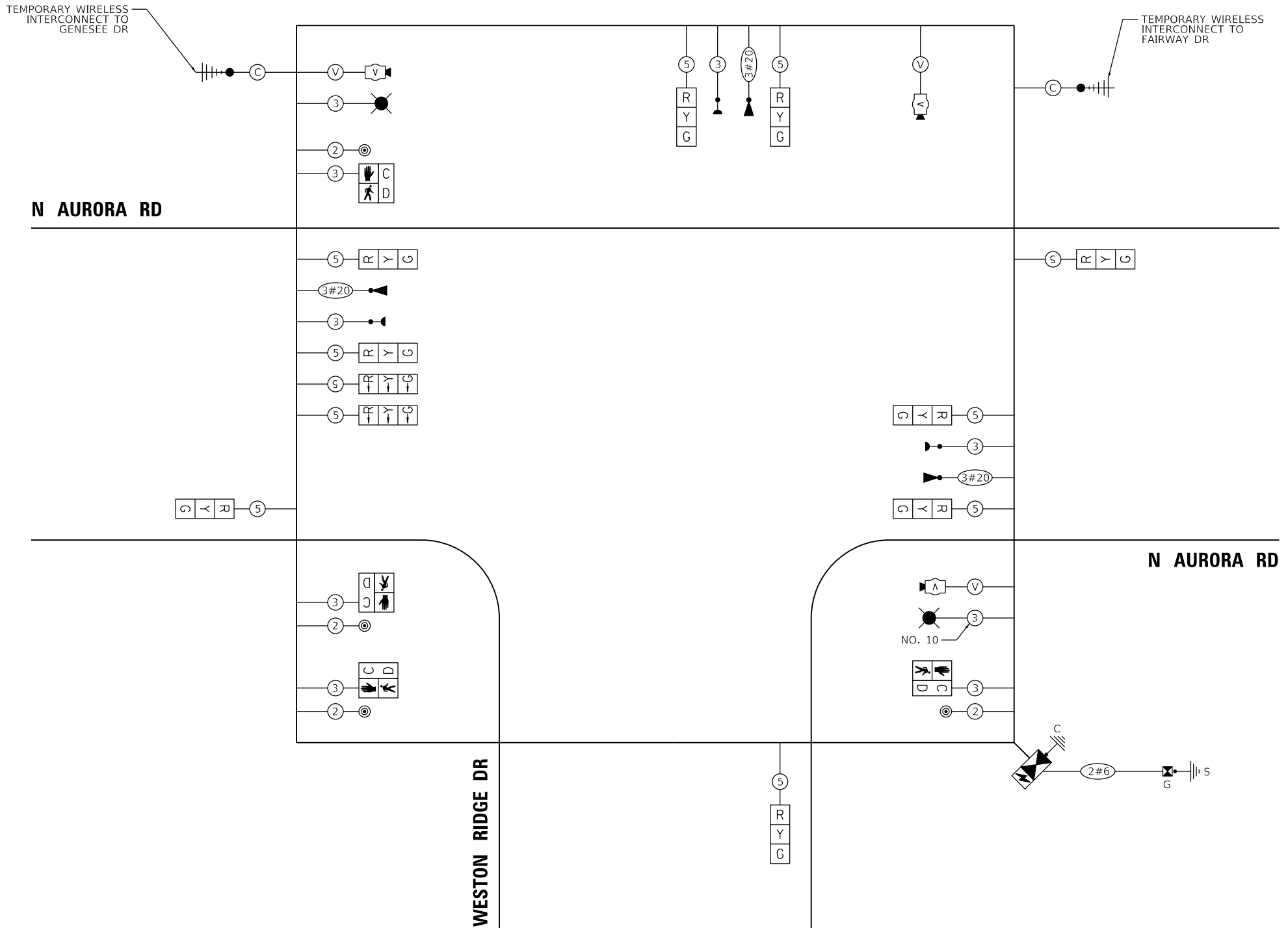
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11.0
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	0	10	10	
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	1	115	100	150.0
BLANK-OUT SIGN	0	25	5	
FLASHER	0	-	50	
STREET NAME SIGN	0	120	50	
LUMINAIRE	2	285	50	285.0
		TOTAL =		770.9

ENERGY COSTS TO:

CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

FILE NAME = 090193-wt-150221



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
DRAWN - TTB	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISOR -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISOR -

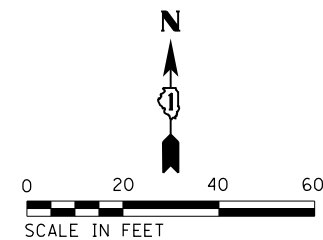
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND WESTON RIDGE DRIVE

SCALE: NONE SHEET 36 OF 48 SHEETS STA. TO STA.

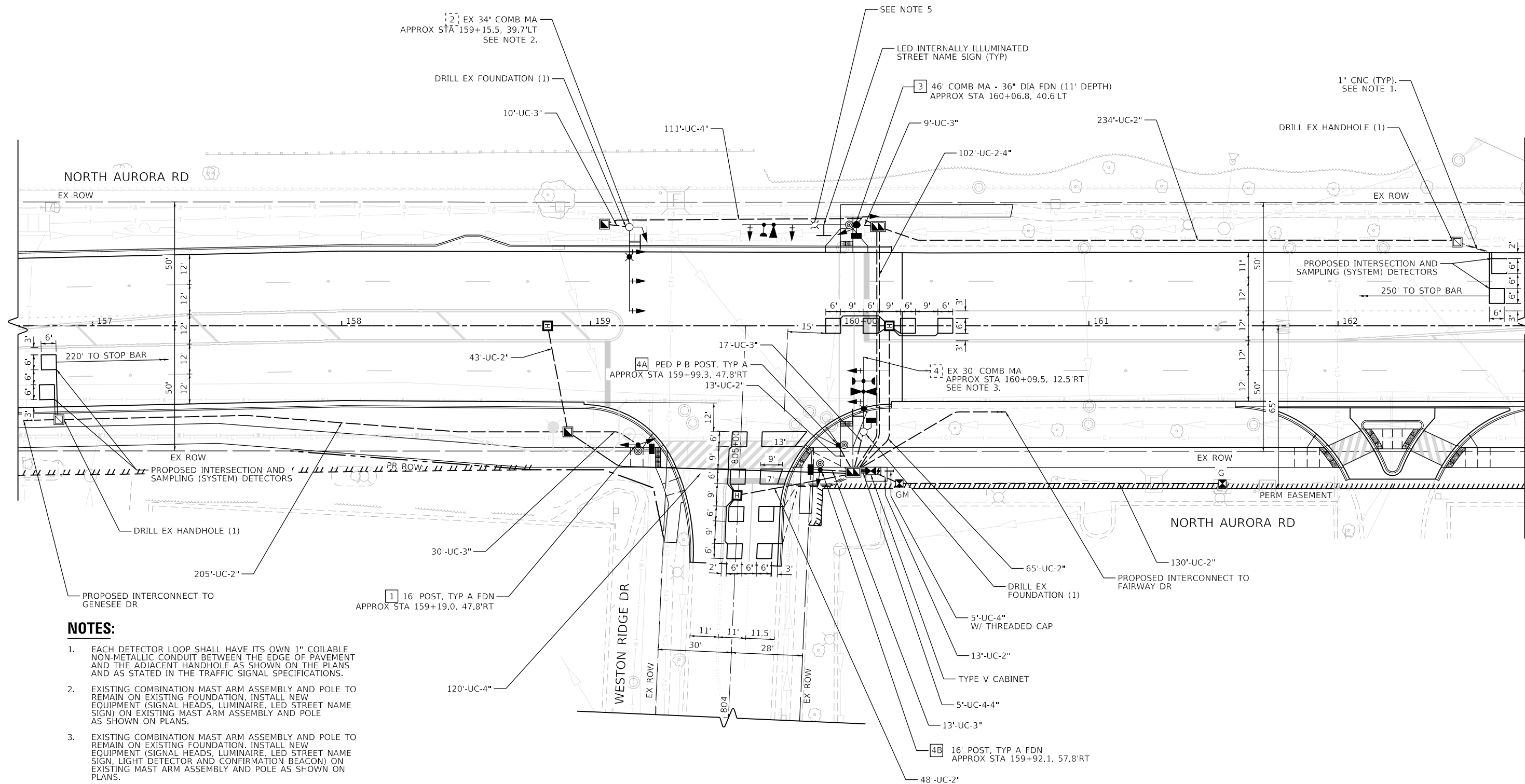
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	193
				CONTRACT NO. 61G19

ILLINOIS FED. AID PROJECT



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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



NOTES:

- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE TO REMAIN ON EXISTING FOUNDATION. INSTALL NEW EQUIPMENT (SIGNAL HEADS, LUMINAIRE, LED STREET NAME SIGN) ON EXISTING MAST ARM ASSEMBLY AND POLE AS SHOWN ON PLANS.
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE TO REMAIN ON EXISTING FOUNDATION. INSTALL NEW EQUIPMENT (SIGNAL HEADS, LUMINAIRE, LED STREET NAME SIGN, LIGHT DETECTOR AND CONFIRMATION BEACON) ON EXISTING MAST ARM ASSEMBLY AND POLE AS SHOWN ON PLANS.
- LUMINAIRE ARMS ON ALL TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE 20 FT.
- INSTALL STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITHOUT A LUMINAIRE.

FILE NAME = 090193-wt-150251



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

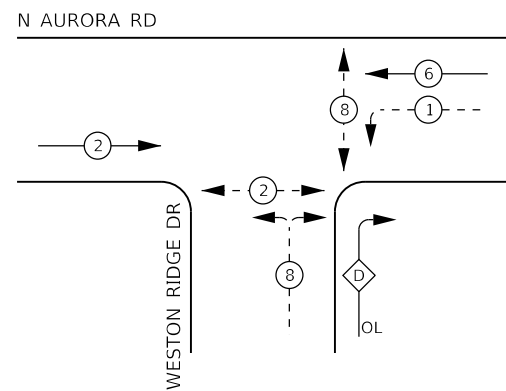
**TRAFFIC SIGNAL INSTALLATION PLAN
NORTH AURORA ROAD AND WESTON RIDGE DRIVE**

SCALE: 1"=20' SHEET 37 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	194
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



PROPOSED CONTROLLER SEQUENCE



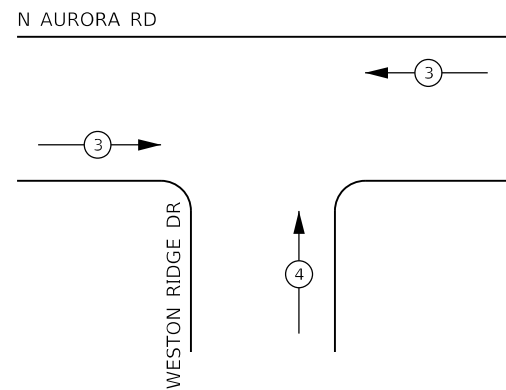
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER = PROTECTED PHASE LETTER + PERMITTED PHASE LETTER
 D = 1 + 8

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	PAID FILE NAME	

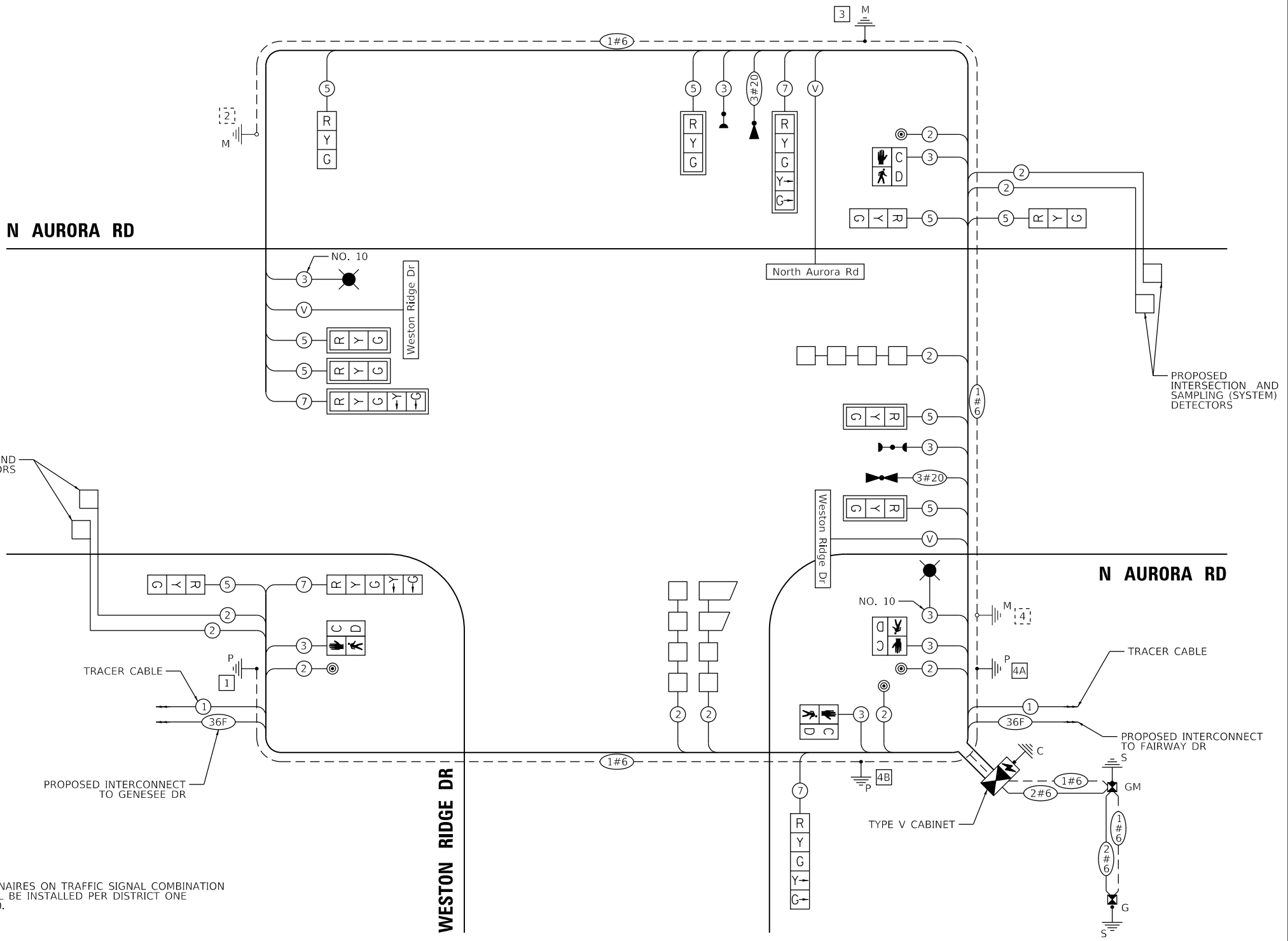
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	13	12	45	70.2
PROT-PERM ARROW	8	10	10	8.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	0	115	100	-
BLANK-OUT SIGN	0	25	5	-
FLASHER	0	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	2	285	50	285.0
TOTAL =				832.7

ENERGY COSTS TO:
 CITY OF NAPERVILLE
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



NOTES:

1. WIRING FOR LUMINAIRE ON TRAFFIC SIGNAL COMBINATION MAST ARMS SHALL BE INSTALLED PER DISTRICT ONE STANDARD BE-240.

CABLE PLAN
(NOT TO SCALE)

FILE NAME = 090193-wt-150261



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
DRAWN - TTB	REVISIONS -	
PLLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISIONS -
PLLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

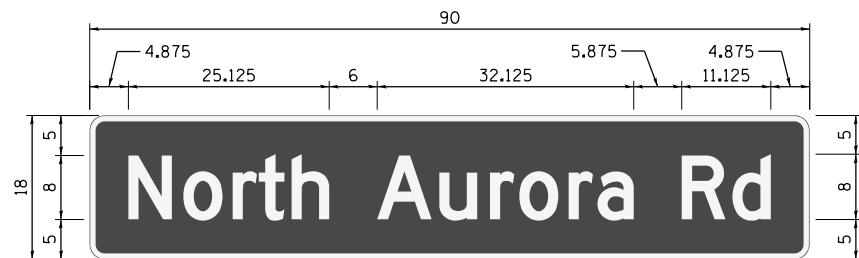
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND WESTON RIDGE DRIVE
 SCALE: NONE SHEET 38 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	195
				CONTRACT NO. 61G19

ILLINOIS FED. AID PROJECT

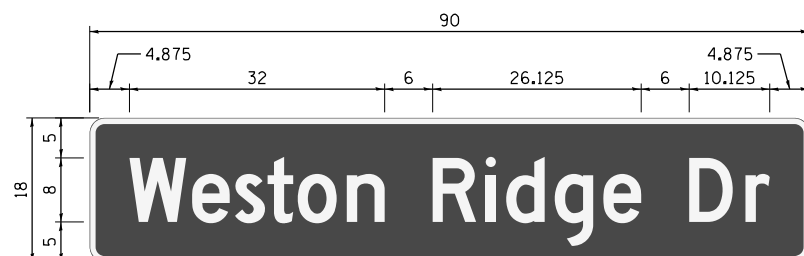
LED INTERNALLY ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	LED	N/A	1

SIGN SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	LED	N/A	2

SIGNS SHALL BE DOUBLE-SIDED

NOTES:

- FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE DISTRICT ONE 'MAST ARM MOUNTED STREET NAME SIGNS' DETAIL AND 'LED ILLUMINATED STREET NAME INSTALLATION AND WIRING DIAGRAM DETAIL'.

SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.33
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	881
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	79
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	460
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	2
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	445
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	770
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,800
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	775
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,670
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	150
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	640
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
DRILL EXISTING FOUNDATION	EACH	2
DRILL EXISTING HANDHOLE	EACH	2
DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	570
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	290
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC)2/C NO. 10 AND NO. 10	FOOT	415
GROUND		
SERVICE INSTALLATION (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE S00W	FOOT	435

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FIELD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FIELD FILE NAME		

FILE NAME = 090193-01-1-150271



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

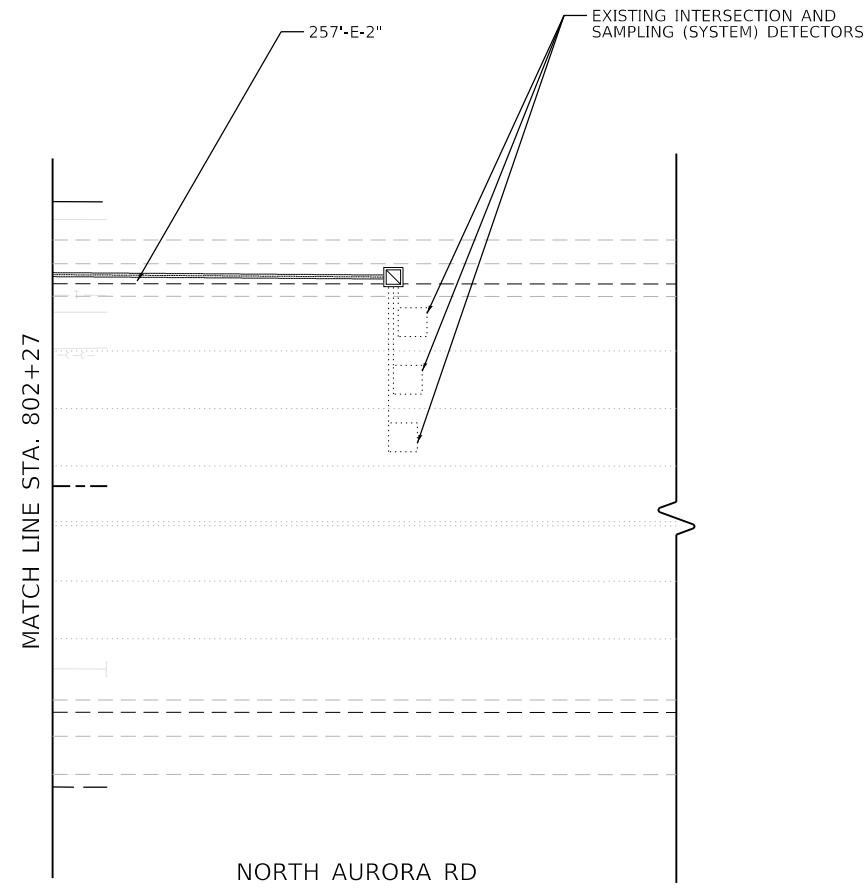
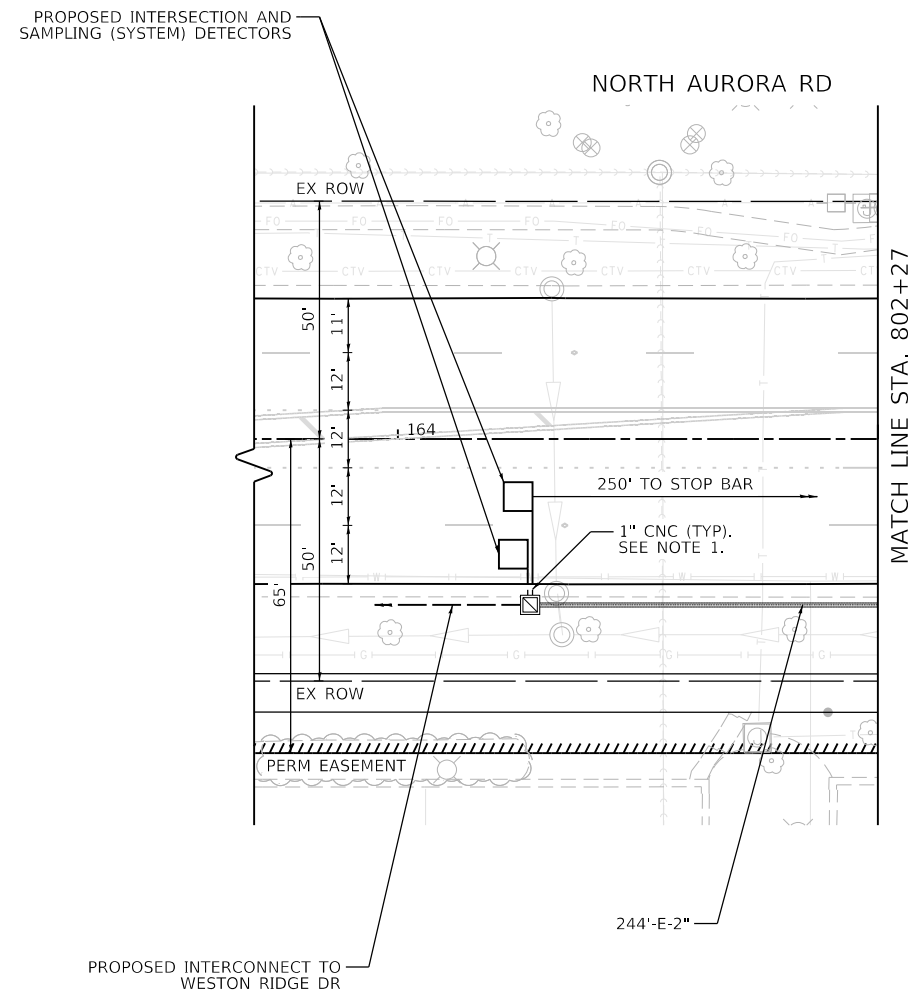
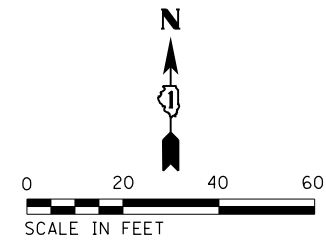
**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
NORTH AURORA ROAD AND WESTON RIDGE DRIVE**

SCALE: NONE SHEET 39 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	196
CONTRACT NO. 61G19			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNMENT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		



NOTE:

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

FILE NAME = 090193-wt-150452



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

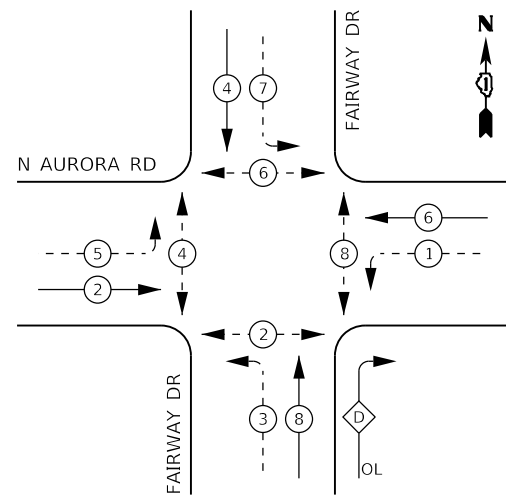
**TRAFFIC SIGNAL INSTALLATION PLAN
NORTH AURORA ROAD AND FAIRWAY DRIVE (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 41 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	198
				CONTRACT NO. 61G19
ILLINOIS FED. AID PROJECT				



PROPOSED CONTROLLER SEQUENCE



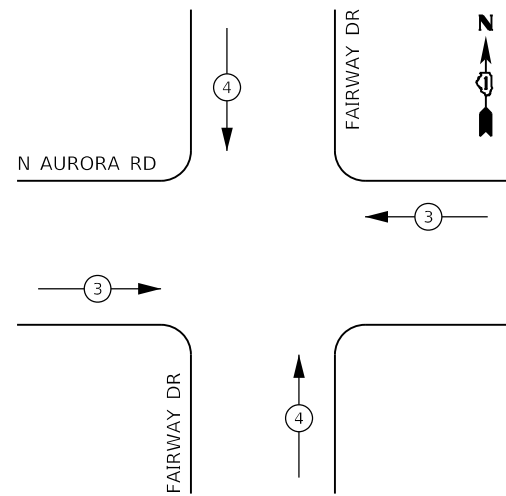
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER = PERMISSIVE PHASE 8 + PROTECTED PHASE 1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



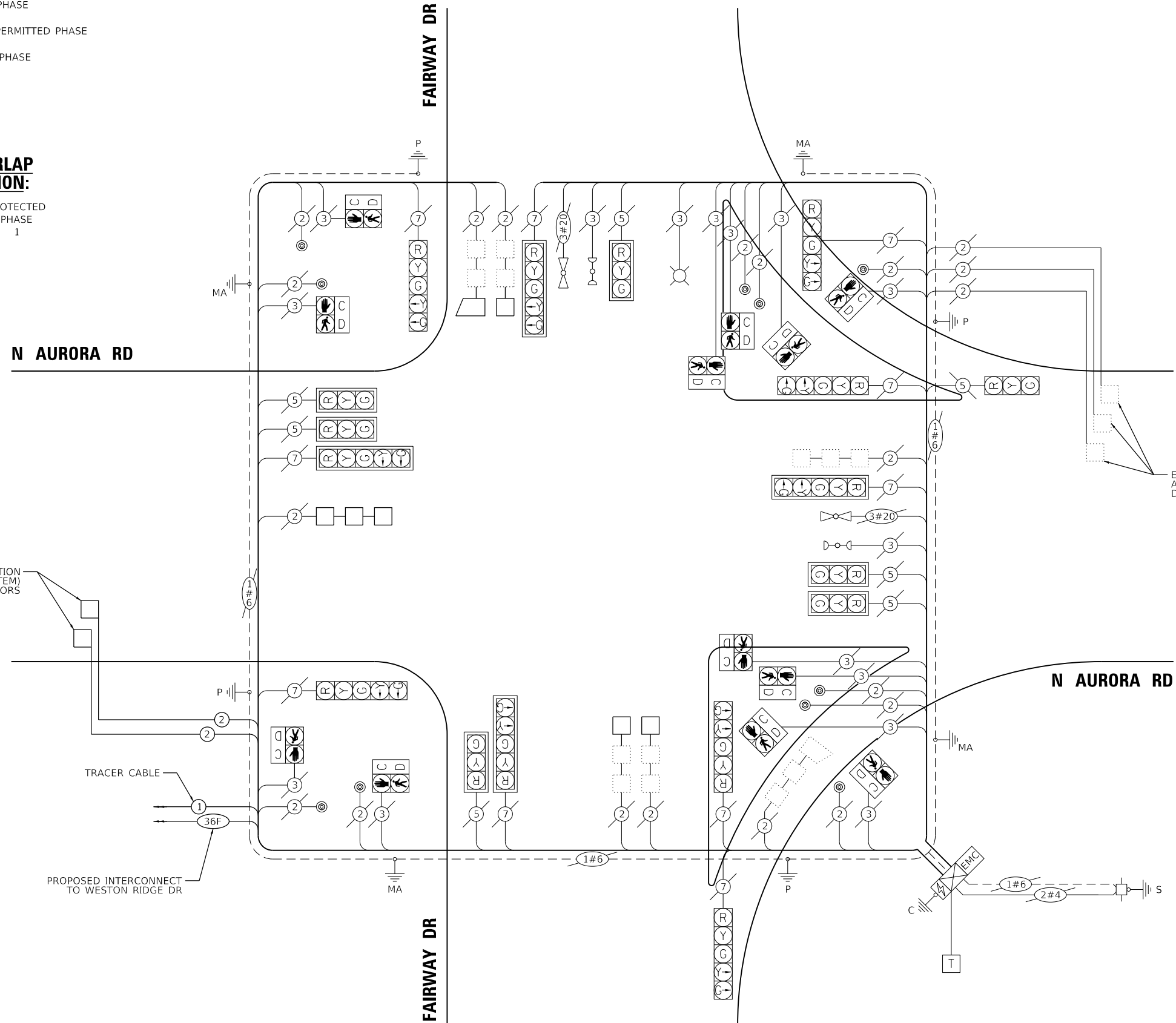
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	17	11	50	93.5
(YELLOW)	17	20	5	17.0
(GREEN)	17	12	45	91.8
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	12	20	100	240.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	0	115	100	
BLANK-OUT SIGN	0	25	5	
FLASHER	0	-	50	
STREET NAME SIGN	0	120	50	
LUMINAIRE	1	285	50	142.5
TOTAL =				729.8

ENERGY COSTS TO:

CITY OF NAPERVILLE

ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: NAPERVILLE ELECTRIC DEPT.
 ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	FILE NAME	

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

FILE NAME : 090193-wt-150461



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
DRAWN - TTB	REVISIONS -	
PLLOT SCALE = 40.0000' / in.	CHECKED - BVW	REVISIONS -
PLLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
NORTH AURORA ROAD AND FAIRWAY DRIVE

SCALE: NONE SHEET 42 OF 48 SHEETS STA. TO STA.

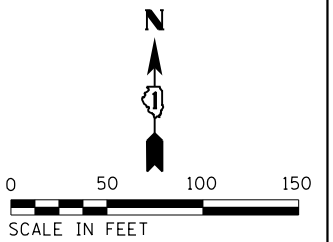
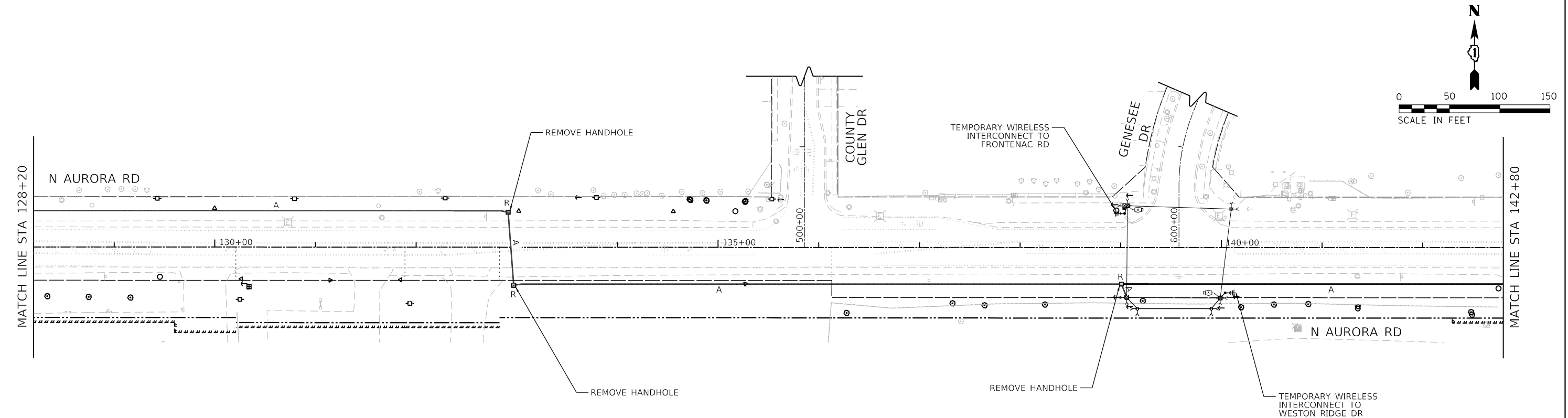
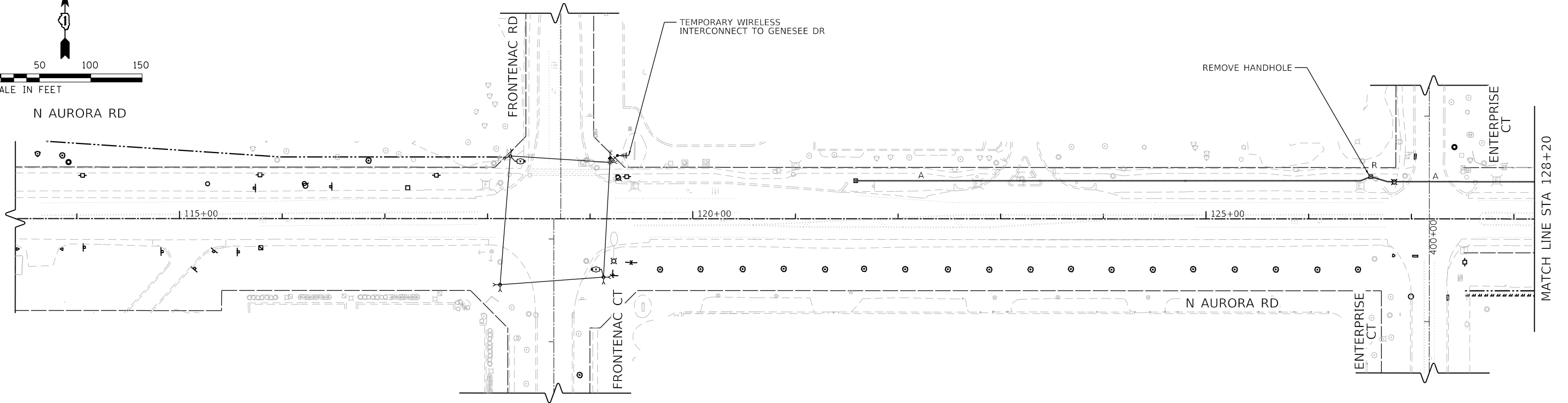
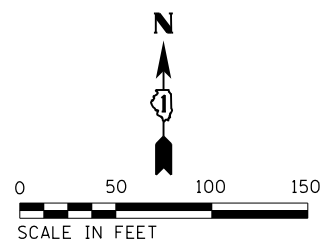
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	199
				CONTRACT NO. 61G19

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = 090193-wt-15601



USER NAME = brvanderwal	DESIGNED - GR	REVISED -
	DRAWN - TTB	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BVW	REVISED -
PLOT DATE = 12/9/2020	DATE - 11/3/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN (SHEET 1 OF 2)
NORTH AURORA ROAD - FRONTENAC ROAD TO FAIRWAY DRIVE**

SCALE: 1"=50' SHEET 43 OF 48 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1509	08-00140-00-PV	DuPAGE	332	200
CONTRACT NO. 61G19				
ILLINOIS FED. AID PROJECT				