

F.A.U. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	1
		ILLINOIS	CONTRACT NO.	61G92

03-05-2021 LETTING ITEM 072

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. ROUTE 1716 (ACACIA DRIVE)  
WOLF ROAD (NORTH OF EASTGATE ROAD)  
TO WOLF ROAD (SOUTH OF HIAWATHA LANE)  
RECONSTRUCTION, DRAINAGE, LIGHTING  
SECTION 18-00013-00-FP  
PROJECT NO. M13Z(876)  
VILLAGE OF INDIAN HEAD PARK  
COOK COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**TRAFFIC DATA**  
ACACIA DRIVE: MINOR COLLECTOR  
POSTED SPEED LIMIT = 25 MPH  
DESIGN SPEED LIMIT = 30 MPH  
2014 ADT = 1,050  
2050 ADT = 1,140



**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

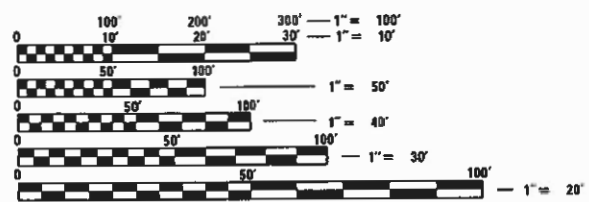
Approved: John J. DeRoccher  
VILLAGE OF INDIAN HEAD PARK VILLAGE ADMINISTRATOR

Passed: 12-30-2020  
Chris Rude  
District Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: DECEMBER 30, 2020  
Anthony J. Wenzel / CRP  
Regional Engineer

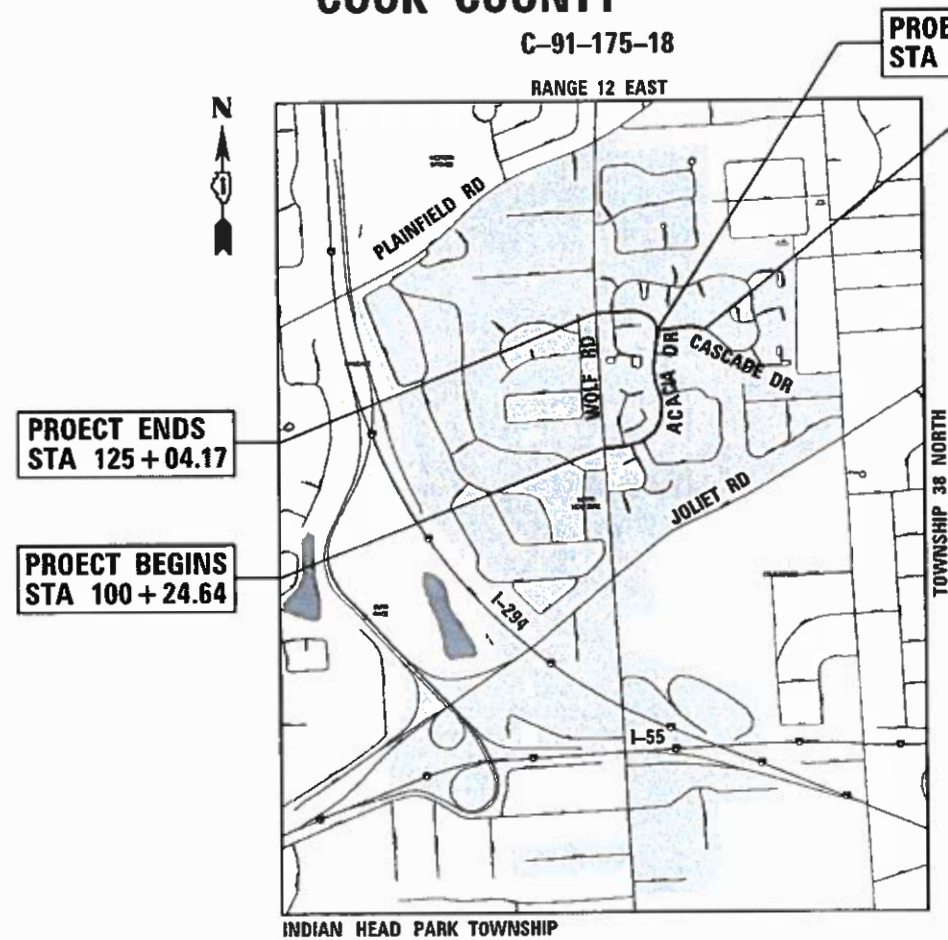
PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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



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

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



PROJECT BEGINS  
STA 200+00.00

PROJECT ENDS  
STA 205+28.00

STRAND ASSOCIATES, INC.  
ANDREW J. RUNDE, P.E.  
THIS STAMP APPLIES TO DRAWINGS NO. 72 TO NO. 80

082-055211  
LICENSED PROFESSIONAL ENGINEER  
STATE OF ILLINOIS

DATE: 11/20/2020 EXP: 11/30/2024

STRAND ASSOCIATES, INC.  
MATTHEW J. GAZDZIAK, P.E.

LICENSED PROFESSIONAL ENGINEER  
MATTHEW JOSEPH GAZDZIAK  
082.071644  
STATE OF ILLINOIS

DATE: 11/20/2020 EXP: 11/30/2021

INDIAN HEAD PARK TOWNSHIP  
**LOCATION MAP**  
NOT TO SCALE  
GROSS LENGTH = 3,007.53 FT. = 0.570 MILE  
NET LENGTH = 3,000.75 FT. = 0.570 MILE

CONTRACT NO. 61G92



**GENERAL NOTES**

1. THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", REVISED APRIL 1, 2016, AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT), REVISED JANUARY 1, 2021, SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT.
2. THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SHALL ALSO GOVERN THE PROJECT. BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AS DESIGNATED BY THE ENGINEER.
3. CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT ALL EXCAVATION AND/OR TRENCHING OPERATIONS SO THAT SPRINKLER SYSTEMS, CURBS, LOCAL SERVICES, BUFFALO BOXES, VALVES, MANHOLES, INLETS, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER.
4. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. IF THE VILLAGE OF INDIAN HEAD PARK SO DIRECTS THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL AND DEBRIS OFF THE SITE AS WORK PROGRESSES. THE TEMPORARY STOCKPILING OF THIS MATERIAL ON THE PROJECT SITE WILL NOT BE ALLOWED.
5. THE CONTRACTOR SHALL SUBMIT IN WRITING A "SCHEDULE OF OPERATIONS" SHOWING APPROXIMATE DATES FOR COMMENCING AND COMPLETING VARIOUS PHASES OF CONSTRUCTION INCLUDED IN THE CONTRACT PRIOR TO COMMENCING ANY CONSTRUCTION UNDER THIS CONTRACT. THE SCHEDULE SHALL HAVE THE APPROVAL OF THE ENGINEER AND THE DATE FOR STARTING SHALL BE MUTUALLY AGREED UPON BETWEEN THE CONTRACTOR AND THE ENGINEER.
6. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AND ALL OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.
7. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
9. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
10. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
11. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS LISTED IN THE SPECIAL PROVISIONS PRIOR TO COMMENCEMENT OF WORK.
12. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
13. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING AND AFTER THE CONSTRUCTION.
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
15. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. THIS MAY REQUIRE STAGE CONSTRUCTING EACH ENTRANCE ONE HALF AT A TIME.
16. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED.
17. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
18. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THEM. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE.
19. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER. PROPOSED RIM ELEVATIONS SHOWN FOR DRAINAGE STRUCTURES IN THE GUTTER REFERENCE THE PROPOSED EDGE OF PAVEMENT ELEVATION.
20. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE FACE OF CURB FOR GRATES IN THE CURB AND GUTTER AND TO THE CENTER OF THE GRATE/LID FOR ALL OTHER STRUCTURES. LOCATIONS SHOWN FOR FLARED END SECTIONS ARE AT THE CENTER END/OPENING OF THE END SECTION. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
21. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
22. THE HEIGHT AND WIDTH OF ALL PROPOSED COMBINATION CURB AND GUTTER, TYPE B-6.12 SHALL BE TRANSITIONED OVER 5' TO MATCH EXISTING CURB AND GUTTER UNLESS OTHERWISE NOTED ON THE PLANS.
23. ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED.
24. DURING THE PROPOSED WORK ALONG WOLF ROAD, THE ROADWAY SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00AM TO 3:00PM FOLLOWING APPLICABLE IDOT AND IDOT DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
25. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG WOLF ROAD IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES FOR PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.
26. WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
27. WATER MAIN LOCATION AND DEPTHS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION AS NECESSARY TO DETERMINE THE EXISTING LOCATION, DEPTH, MATERIAL, AND SIZE OF WATER MAIN.
28. ALL DUCTILE IRON WATER MAIN SHALL BE PRESSURE CLASS 350, DESIGNED IN ACCORDANCE WITH ANSI/AWWA C151/A21.51. EXTERIOR OF PIPE SHALL HAVE A BITUMINOUS COATING, AS SPECIFIED IN AWWA C151. INNER SURFACES OF ALL DUCTILE IRON WATER PIPE SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF AWWA C104.
29. STANDARD JOINTS FOR DUCTILE IRON WATER MAIN SHALL BE GASKETED BELL AND SPIGOT TYPE PUSH-ON TYTON JOINTS OR MECHANICAL JOINTS IN ACCORDANCE WITH ANSI/AWWA C111/A21.11. ALL WATER MAIN PIPE FITTINGS SHALL BE DUCTILE IRON CLASS 350 CONFORMING TO REQUIREMENTS OF ANSI/AWWA C110/A21.10 AND ANSI/AWWA C11/A21.11.
30. ALL WATER MAIN FITTINGS SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AWWA C104/A21.4. FITTINGS SHALL BE FURNISHED WITH A RATED WORKING PRESSURE OF 150 PSI.
31. "MEGA-LUG" OR "STARGRIP" RETAINERS SHALL BE USED AT ALL CONNECTIONS OF WATER MAINS TO BENDS, TEES, CROSSES, REDUCERS, AND OTHER FITTINGS. ALL MECHANICAL JOINTS SHALL HAVE A MINIMUM OF SIX (6) TWIST-OFF NUTS.
32. THE VILLAGE OF INDIAN HEAD PARK IS SOLELY RESPONSIBLE FOR OPENING ALL WATER VALVES AND FIRE HYDRANTS ON THE PROJECT. A 48 HOUR NOTICE IS REQUIRED PRIOR TO ANY WATER SHUT OFF TO NOTIFY AFFECTED AREAS. CONTRACTOR TO NOTIFY PUBLIC WORKS AT (708) 246-1233, 48 HOURS IN ADVANCE OF ANY REQUIRED OPERATIONS.
33. CONTRACTOR SHALL PROTECT PROPOSED WATER MAIN AT ALL TIMES DURING CONSTRUCTION.
34. PROPOSED STORM SEWER PIPE LENGTHS IN THE DRAINAGE SCHEDULES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR FROM CENTER OF STRUCTURE TO END OF PRECAST CONCRETE FLARED END SECTION.
35. THE VILLAGE OF INDIAN HEAD PARK, NORTHERN ILLINOIS GAS COMPANY, COMMONWEALTH EDISON COMPANY, ILLINOIS BELL TELEPHONE COMPANY, AND COMCAST CORPORATION HAVE BEEN GRANTED PUBLIC UTILITY EASEMENTS OVER THE OUTLOTS WITHIN THE ACACIA DRIVE SUBDIVISION ALLOWING ACCESS FOR THE INSTALLATION, CONSTRUCTION, MAINTENANCE, AND ANY OTHER ACTIVITY RELATED TO THEIR RESPECTIVE UTILITIES.
36. IN ALL INSTANCES WHERE PAVEMENT SAW CUTS ARE REQUIRED, THEY SHALL BE CUT AT LANE LINES AND PERPENDICULAR TO THE DIRECTION OF TRAFFIC.

MODEL: D:\m4\p... FILE NAME: S:\Q11300-1309\1325\021\Drawings\CADD\Misc-55A\CADD\_SHEETS\0112345-shc-genote.dgn



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -
	DRAWN - DJW	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	3
CONTRACT NO.			61G92	
ILLINOIS		FED. AID PROJECT		





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	84	84	
28000305	TEMPORARY DITCH CHECKS	FOOT	10	10	
28000400	PERIMETER EROSION BARRIER	FOOT	1,089	1,089	
28000510	INLET FILTERS	EACH	46	46	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	4,039	4,039	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	389	389	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	11,665	11,665	
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	1,193	1,193	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	13	13	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	22,991	22,991	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,656	2,656	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	441	441	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,521	2,521	

+ INDICATES SPECIALTY ITEM

MODEL: D:\enr\1130\113000-1300-1300\11300021\Drawings\CAD\Micro-SSA\CADD\_SHEETS\112345-sht-500.dgn



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
DRAWN - DJW	CHECKED - MAG	REVISED -
PLOT SCALE = 2.0000" / in.	DATE - 12/23/2020	REVISED -
PLOT DATE = 12/17/2020		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	5
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,188	1,188	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	23	23	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,429	10,429	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	308	308	
42400800	DETECTABLE WARNINGS	SQ FT	272	272	
44000100	PAVEMENT REMOVAL	SQ YD	10,218	10,218	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	61	61	
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	234	234	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	607	607	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,394	5,394	
44000600	SIDEWALK REMOVAL	SQ FT	168	168	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	188	188	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	37	37	

+ INDICATES SPECIALTY ITEM

MODEL: D:\audit  
 FILE NAME: S:\0011300-139\13351021\Drawings\CAD\Micros-SSA\CADD\_SHEETS\113345-sm-600.dwg



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

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

**SUMMARY OF QUANTITIES**  
 SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	6
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8	
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6	
60236100	INLETS, TYPE A, TYPE 6 FRAME AND GRATE	EACH	1	1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3	3	
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	12	12	
60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	2	2	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	37	37	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,146	5,146	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	81	81	

+ INDICATES SPECIALTY ITEM



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	8
CONTRACT NO.			61G92	
ILLINOIS FED. AID PROJECT				

MODEL PATH: S:\11700-1399\1399\1399\1399\1399\CADD SHEETS\117245-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	167	167	
67100100	MOBILIZATION	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	650	650	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	350	350	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	146	146	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,311.	1,311.	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	107	107	
+ 72000100	SIGN PANEL - TYPE 1	SQ FT	44	44	
+ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
+ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	45	45	
+ 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	9	9	
+ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
+ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	45	45	

+ INDICATES SPECIALTY ITEM

MODEL: Default  
FILE NAME: S:\DOLL1300-1390\11351021\Drawings\CAD\Micro-SSA\CADD\_SHEETS\SD112345-SR-500.dwg



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	9
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
+ 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	9	9	
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	129	129	
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146	146	
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,311	1,311	
+ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	99	99	
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	107	107	
+ 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	24	24	
+ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1
+ 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	205		205
+ 81400100	HANDHOLE	EACH	1		1
+ 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	580		580
+ 82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	2		2
+ 83000300	LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. DAVIT ARM	EACH	2		2

+ INDICATES SPECIALTY ITEM

MODEL: Default  
FILE NAME: S:\0113100-139P\1310021\Drawings\CAD\Micro-SS4\CADD SHEET\0112345-int-500.dgn



1170 SOUTH HOBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = RaymondP  
DESIGNED - MJG  
DRAWN - DJW  
PLOT SCALE = 2.0000' / in.  
CHECKED - MAG  
PLOT DATE = 12/17/2020  
DATE - 12/23/2020

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
SCALE: SHEET 7 OF 70 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	10
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
+ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	19		19
+ 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	2		2
+ 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2		2
+ A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
+ A2001720	TREE, ACER SACCHARUM (SUGAR MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	
+ A2004630	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS (SUNBURST HONEY LOCUST), 4 CALIPER, BALLED AND BURLAPPED	EACH	1	1	
+ A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
+ A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2.00	2.00	
+ A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
+ D2001972	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	3	3	
+ D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	2	2	
+ K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	1	1	
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	

+ INDICATES SPECIALTY ITEM

MODEL: Default  
FILE NAME: S:\0113100-1399\131001\Drawings\CADD\HFCR-SSA\CADD\_SHEETS\0112345-ent-500.dwg



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	11
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5	
X4023000	TEMPORARY ACCESS (ROAD)	EACH	11	11	
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	25	25	
X5510100	STORM SEWER REMOVAL	FOOT	659	659	
X6022040	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	12	12	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
+ X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	24	24	
+ X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1		1
+ XX003614	RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER	EACH	2		2
+ XX008424	LIGHT FIXTURE ASSEMBLY- TYPE A	EACH	2		2
+ XX008729	REMOVE AND REINSTALL SIGN PANEL	EACH	1	1	
+ XX008871	MULCH	SQ YD	388	388	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

+ INDICATES SPECIALTY ITEM

MODEL: DENGUR  
FILE NAME: S:\1\01\1300-1399\1338021\Drawings\CADD\Micro-SS\CADD\_SHEETS\0112345-4H-500.dwg



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
DRAWN - DJW	CHECKED - MAG	REVISED -
PLOT SCALE = 2.0000' / in.	DATE - 12/23/2020	REVISED -
PLOT DATE = 1/7/2021		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	12
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				70% FED 30% VILLAGE URBAN	100% VILLAGE URBAN
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	22	22	
Z0019600	DUST CONTROL WATERING	UNIT	20	20	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	78	78	
+ Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	2		2
+ Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4		4
Z0056644	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	8	8	
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	52	52	
Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	34	34	
# Z0076600	TRAINEES	HOUR	500	500	
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

# 0042  
+ INDICATES SPECIALTY ITEM

MODEL: Default  
FILE NAME: S:\011300-139011351021\Drawings\CADD\misc-SSA\CADD\_SHEETS\0112325-ent-500.dwg



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

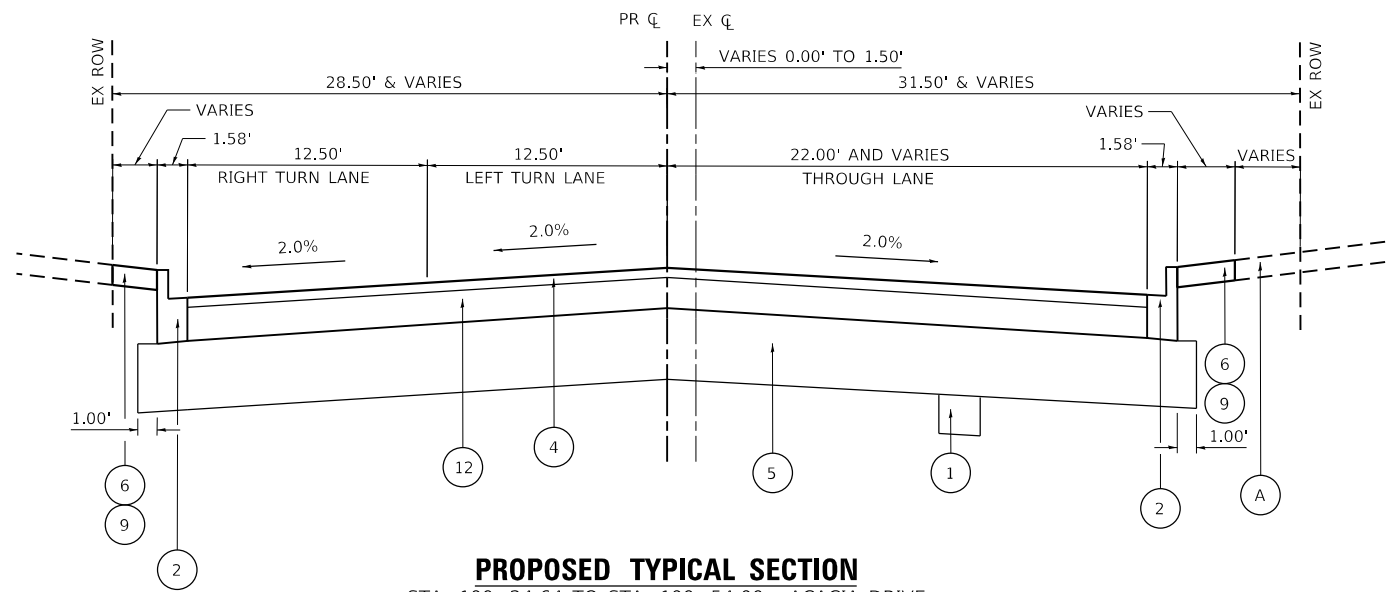
**SUMMARY OF QUANTITIES**

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

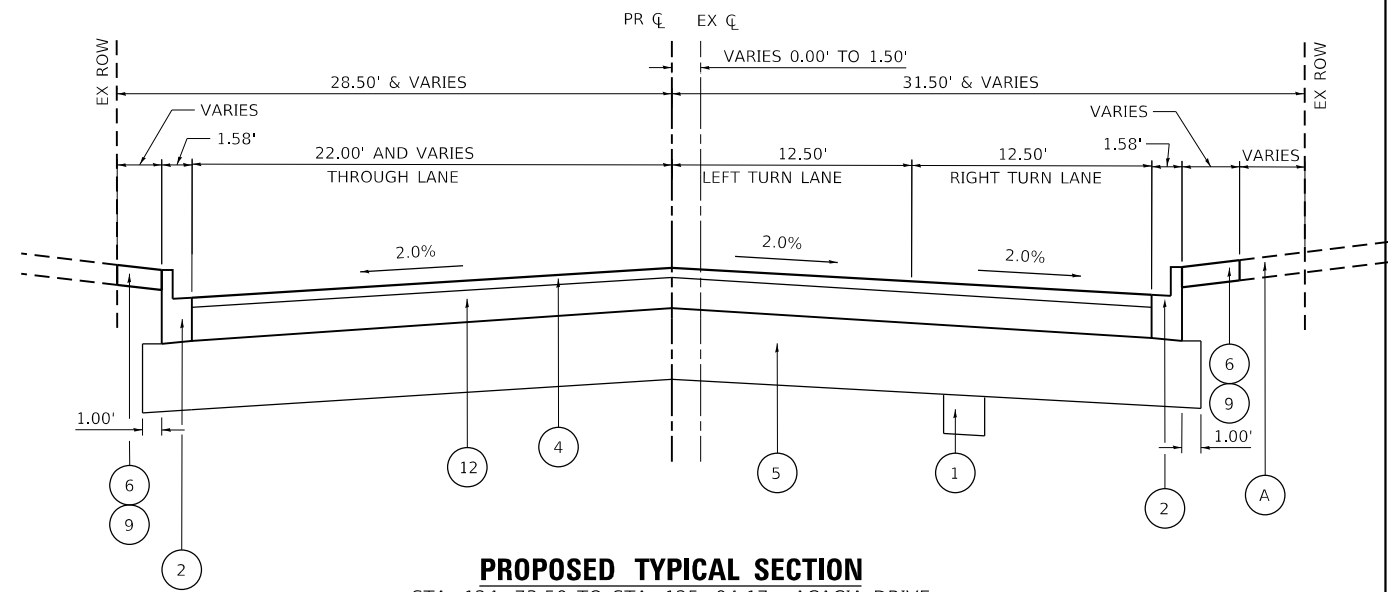
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	13
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



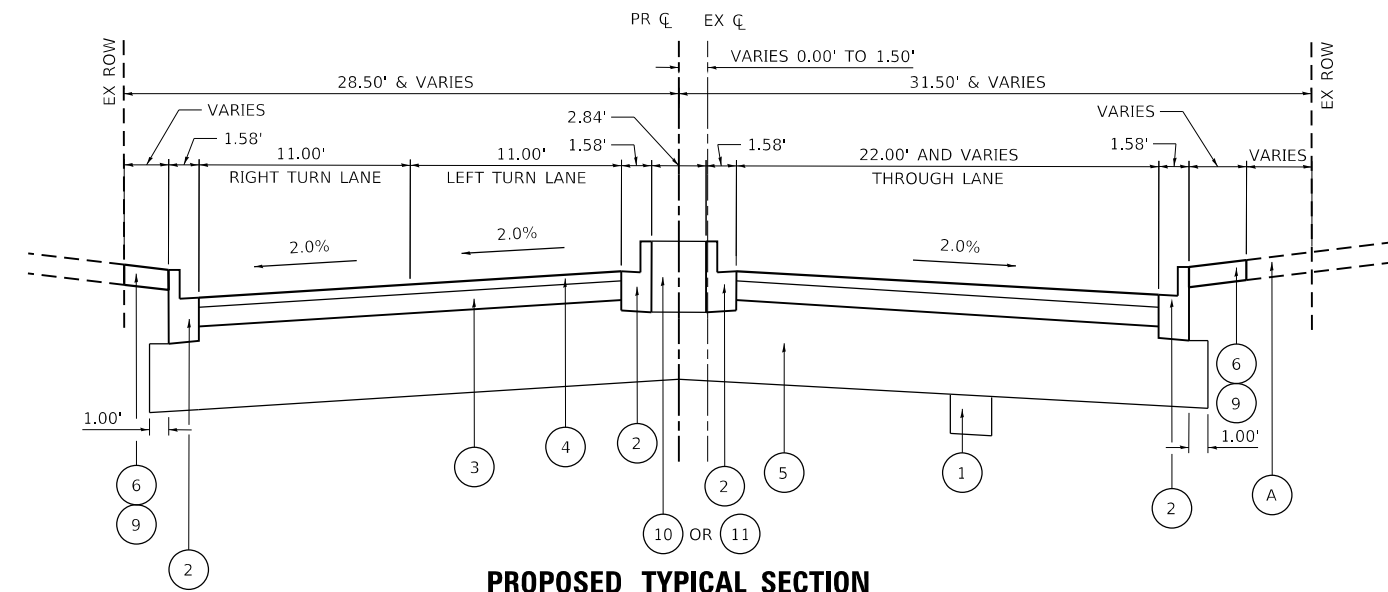




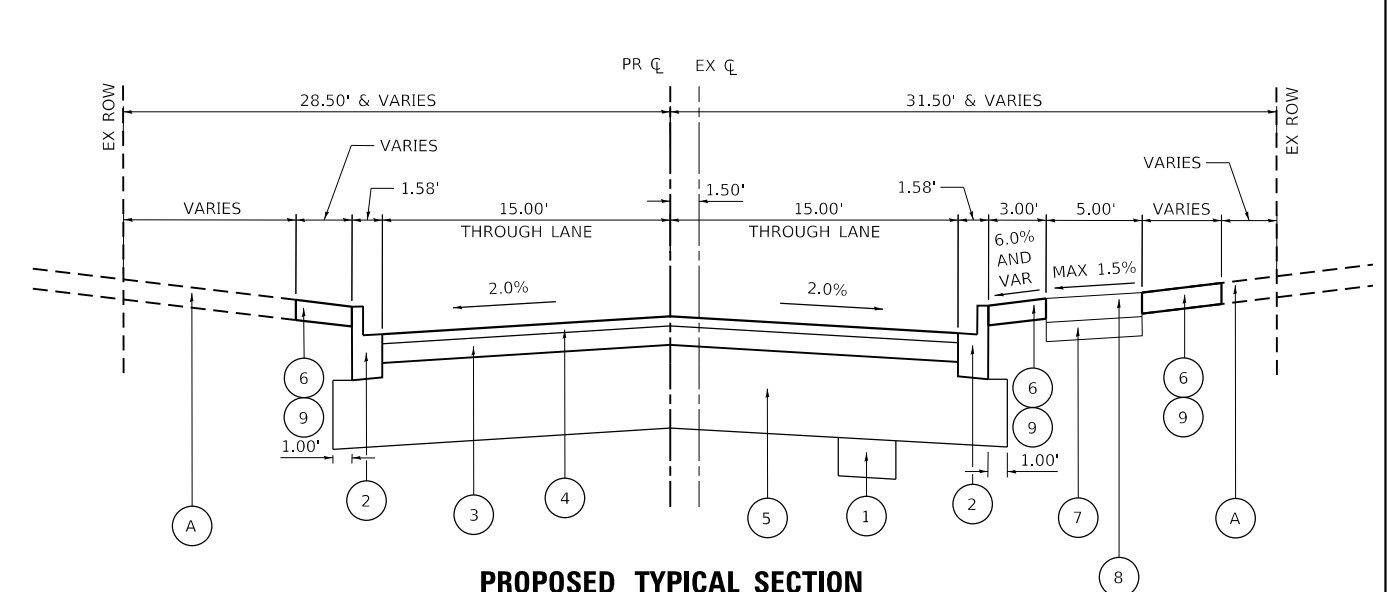
**PROPOSED TYPICAL SECTION**  
STA. 100+24.64 TO STA. 100+54.00 - ACACIA DRIVE



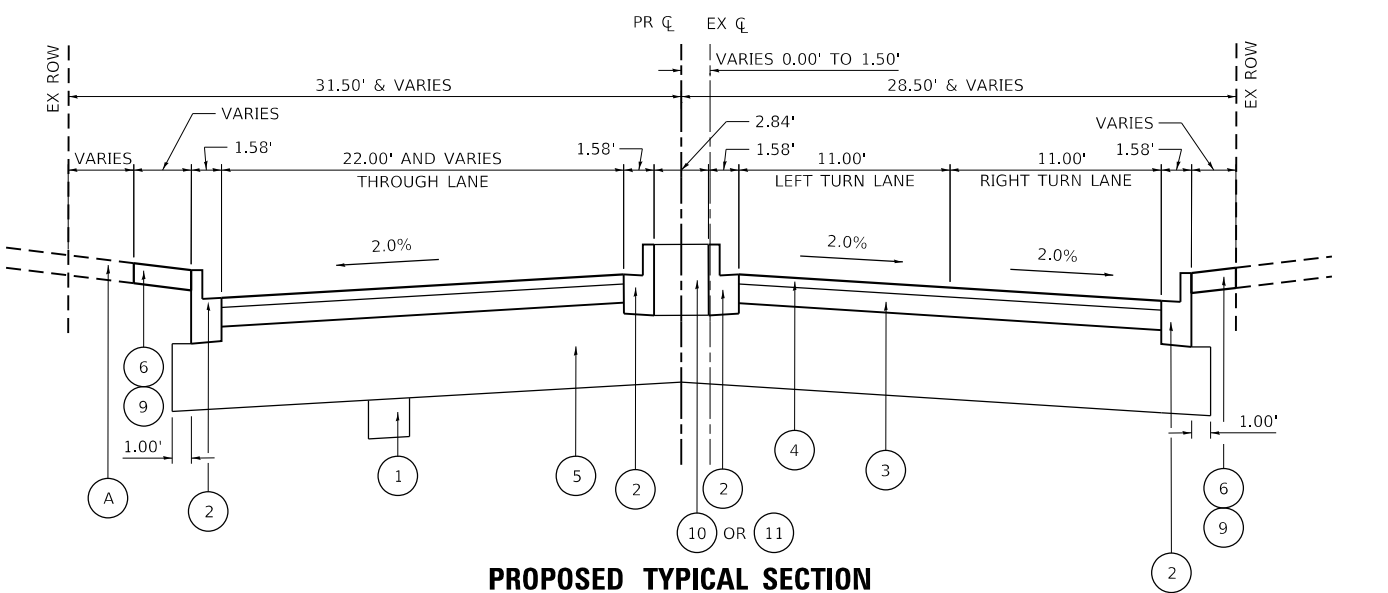
**PROPOSED TYPICAL SECTION**  
STA. 124+73.50 TO STA. 125+04.17 - ACACIA DRIVE



**PROPOSED TYPICAL SECTION**  
STA. 100+54.00 TO STA. 103+38.24 - ACACIA DRIVE



**PROPOSED TYPICAL SECTION**  
STA. 103+38.24 TO STA. 121+83.19 - ACACIA DRIVE



**PROPOSED TYPICAL SECTION**  
STA. 121+83.19 TO STA. 124+73.50 - ACACIA DRIVE

**EXISTING LEGEND**

- (A) GROUND SURFACE
- (B) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) EXISTING AGGREGATE BASE COURSE, 6.5" AND VARIES
- (E) EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSES, 7.5" AND VARIES
- (F) RAISED LANDSCAPED MEDIAN
- (G) PAVEMENT REMOVAL

**PROPOSED LEGEND**

- (1) UNDERCUT (AS NECESSARY)
- (2) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N50, 2"
- (5) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (6) SODDING, SALT TOLERANT
- (7) SUBBASE GRANULAR MATERIAL, TYPE B, 2"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- (9) TOPSOIL FURNISH AND PLACE, 4"
- (10) TOPSOIL FURNISH AND PLACE, 18"
- (11) CONCRETE MEDIAN, TYPE SB-6.12
- (12) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 10"

MODEL: Proposed  
FILE NAME: S:\COLL1300-1309\1329\021\Drawings\CADD\Micro-SSA\CADD\_SHEETS\012345-sheet1.dwg



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
ACACIA DRIVE/CASCADE DRIVE**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	15
INDIAN HEAD PARK ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G92	

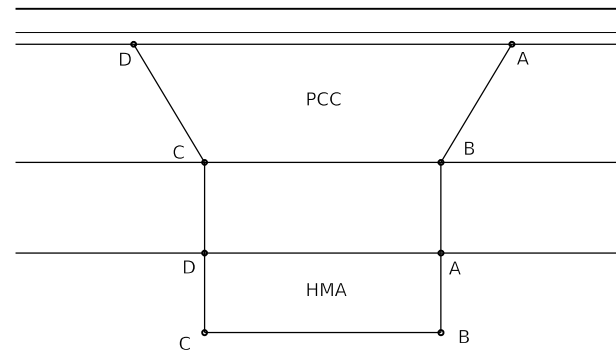


SCHEDULE OF TREE REMOVAL			
STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNIT)
ACACIA DRIVE			
100+70.68	0.00	10.0	0.0
101+01.11	0.00	10.0	0.0
104+59.09	26.91 RT	12.0	0.0
104+75.11	26.11 RT	0.0	18.0
105+01.25	25.31 RT	10.0	0.0
105+26.91	27.03 RT	10.0	0.0
106+02.22	23.21 RT	6.0	0.0
107+07.23	27.19 RT	10.0	0.0
103+27.27	32.85 RT	0.0	21.0
109+20.58	27.96 RT	0.0	24.0
119+56.70	25.17 RT	6.0	0.0
120+03.13	26.82 RT	8.0	0.0
120+48.54	27.78 RT	10.0	0.0
120+99.79	27.46 RT	0.0	48.0
123+83.07	0.00	8.0	0.0
124+09.43	0.00	8.0	0.0
124+33.89	0.00	10.0	0.0
	TOTAL	118.00	111.00

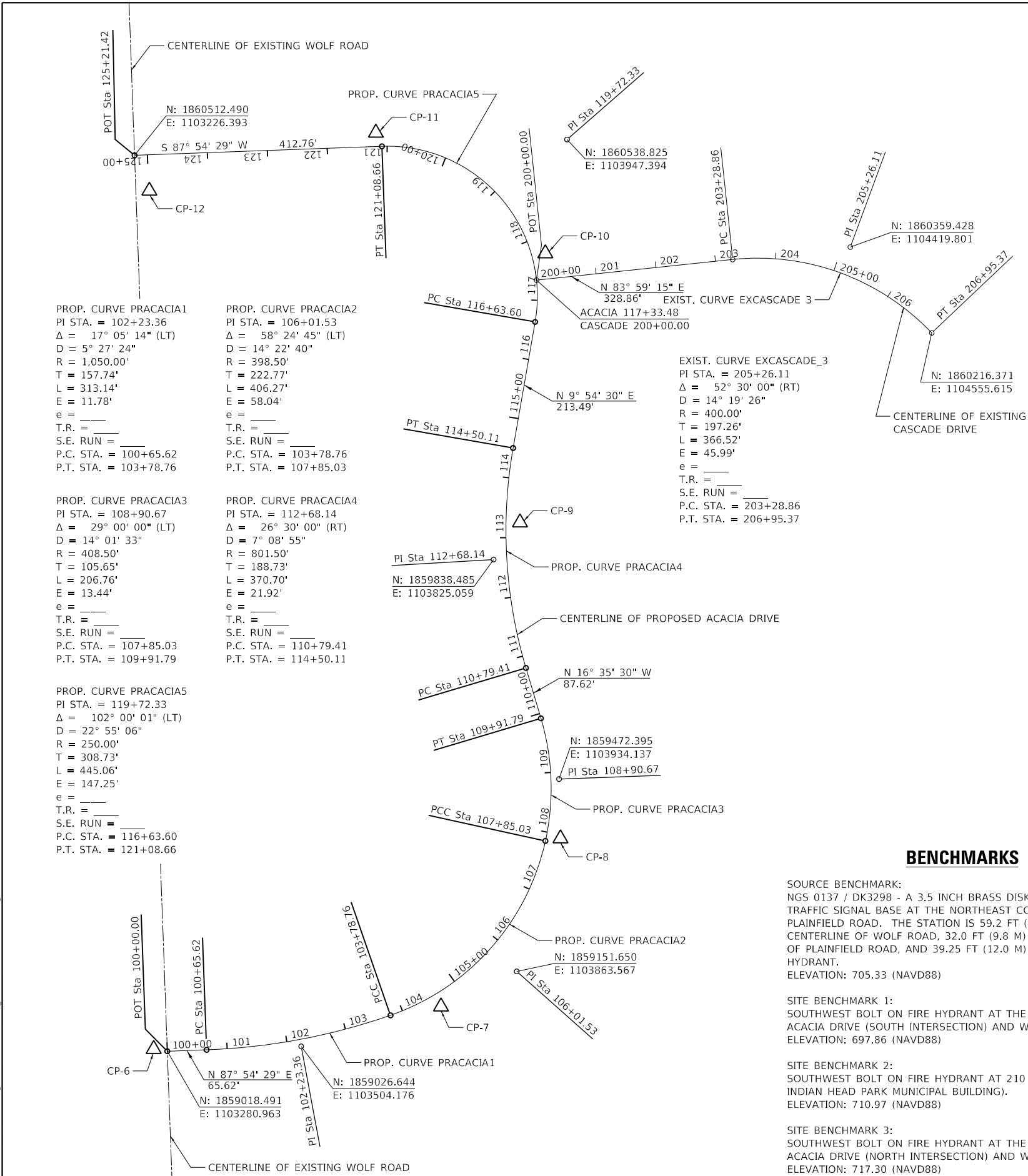
ACACIA DRIVE STAGE 1 EARTHWORK SCHEDULE					
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION
					EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD
ACACIA DRIVE					
100+24.64	100+50.00	82.86	70.43	0.45	69.99
100+24.64	101+00.00	94.40	80.24	3.12	77.12
100+50.00	101+50.00	78.12	66.40	4.54	61.86
101+50.00	102+00.00	104.05	88.44	3.13	85.31
102+00.00	102+11.19	27.94	23.75	0.37	23.38
102+11.19	102+50.00	105.55	89.72	2.04	87.68
102+50.00	102+88.73	116.67	99.17	2.17	97.00
102+88.73	103+00.00	35.43	30.11	0.46	29.65
103+00.00	103+50.00	137.80	117.13	3.06	114.08
103+50.00	104+00.00	105.04	89.28	2.92	86.36
104+00.00	104+25.49	53.85	45.78	0.91	44.87
104+25.49	104+50.00	51.54	43.81	0.89	42.92
104+50.00	105+00.00	101.01	85.86	3.21	82.65
105+00.00	105+50.00	114.45	97.29	4.55	92.73
105+50.00	106+00.00	110.87	94.24	4.66	89.58
106+00.00	106+50.00	96.74	82.23	5.06	77.17
106+50.00	107+00.00	86.52	73.54	5.75	67.80
107+00.00	107+34.36	58.50	49.73	2.78	46.95
107+34.36	107+50.00	25.40	21.59	1.15	20.44
107+50.00	107+77.33	44.60	37.91	1.95	35.96
107+77.33	108+00.00	35.47	30.15	0.79	29.36
108+00.00	108+50.00	63.04	53.58	4.89	48.69
108+50.00	109+00.00	61.23	52.05	6.39	45.66
109+00.00	109+50.00	73.22	62.24	5.09	57.15
109+50.00	110+00.00	92.45	78.58	5.28	73.30
110+00.00	110+33.80	77.60	65.96	2.35	63.61
110+33.80	110+97.32	159.49	135.57	2.31	133.26
110+97.32	111+50.00	119.20	101.32	3.66	97.66
111+50.00	112+00.00	100.55	85.46	5.04	80.43
STAGE 1 TOTAL		2414	2052	89	1963

ACACIA DRIVE STAGE 2 EARTHWORK SCHEDULE					
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION
					EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION	STATION	CU YD	CU YD	CU YD	CU YD
ACACIA DRIVE					
112+00.00	112+50.00	98.77	83.95	5.01	78.94
112+50.00	112+98.33	106.94	90.90	3.41	87.49
112+98.33	113+50.00	115.64	98.29	3.34	94.95
113+50.00	114+00.00	98.40	83.64	4.71	78.93
114+00.00	114+50.00	99.38	84.47	4.96	79.51
114+50.00	114+89.85	99.30	84.41	2.76	81.64
114+89.85	115+50.00	149.99	127.49	5.06	122.43
115+50.00	116+00.00	99.22	84.34	5.69	78.65
116+00.00	116+50.00	93.08	79.12	4.95	74.17
116+50.00	117+00.00	86.25	73.32	3.38	69.93
117+00.00	117+33.40	93.99	79.89	1.20	78.69
117+33.40	117+50.00	55.57	47.24	0.61	46.63
117+50.00	118+00.00	117.05	99.49	3.41	96.08
118+00.00	118+50.00	87.24	74.15	5.48	68.68
118+50.00	119+00.00	61.78	52.51	7.11	45.40
119+00.00	119+50.00	44.88	38.15	8.41	29.74
119+50.00	120+00.00	46.88	39.85	7.70	32.15
120+00.00	120+50.00	60.51	51.43	6.19	45.25
120+50.00	121+00.00	75.00	63.75	5.11	58.64
121+00.00	121+50.00	88.60	75.31	4.43	70.88
121+50.00	122+00.00	103.06	87.61	4.22	83.38
122+00.00	122+50.00	113.44	96.42	5.15	91.27
122+50.00	123+00.00	123.83	105.25	3.89	101.37
123+00.00	123+39.26	103.50	87.98	0.68	87.30
123+39.26	123+50.00	26.37	22.41	0.00	22.41
123+50.00	124+00.00	109.40	92.99	1.78	91.21
124+00.00	124+50.00	121.68	103.43	3.52	99.91
124+50.00	125+00.00	174.77	148.55	1.74	146.82
125+00.00	125+04.16	17.88	15.20	0.00	15.20
ACACIA DRIVE TOTAL		2672	2272	114	2158
CASCADE DRIVE					
200+50.00	200+80.65	33.35	28.35	1.01	27.34
200+50.00	201+00.00	4.88	4.15	0.02	4.13
200+80.65	201+21.05	5.55	4.72	0.00	4.72
201+00.00	201+50.00	9.40	7.99	0.00	7.99
201+21.05	202+00.00	9.17	7.80	0.00	7.80
201+50.00	202+50.00	5.30	4.50	0.00	4.50
202+00.00	203+00.00	10.58	8.99	0.00	8.99
202+50.00	203+50.00	5.28	4.49	0.00	4.49
203+00.00	204+00.00	0.00	0.00	0.00	0.00
203+50.00	204+50.00	6.38	5.42	0.00	5.42
204+00.00	205+00.00	14.55	12.37	0.00	12.37
CASCADE DRIVE TOTAL		104	89	1	88
STAGE 2 TOTAL		2776	2360	115	2245

PROPOSED DRIVEWAY SCHEDULE							
CASCADE DRIVE							
ADDRESS (CASCADE DRIVE)	LT/RT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3", AGGREGATE BASE COURSE, TYPE B, 6"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (SQ YD)	STATION			
				A	B	C	D
1	RT	0.00	14.53	201+00.34	200+01.34	200+58.58	200+56.77
1	RT	8.89	0.00	200+98.88	200+98.74	200+60.08	200+59.98
5	RT	0.00	7.60	201+32.60	201+31.20	201+11.00	201+08.93
5	RT	3.98	0.00	201+29.92	201+29.77	201+12.16	201+12.21
TOTAL		13	23				



MODEL: D:\m\p\17171300-13001335\021\Drawings\CADD\micros-SSA\CADD\_SHEETS\0112345-shc-schedule.dgn  
 FILE NAME: S:\011300-13001335\021\Drawings\CADD\micros-SSA\CADD\_SHEETS\0112345-shc-schedule.dgn



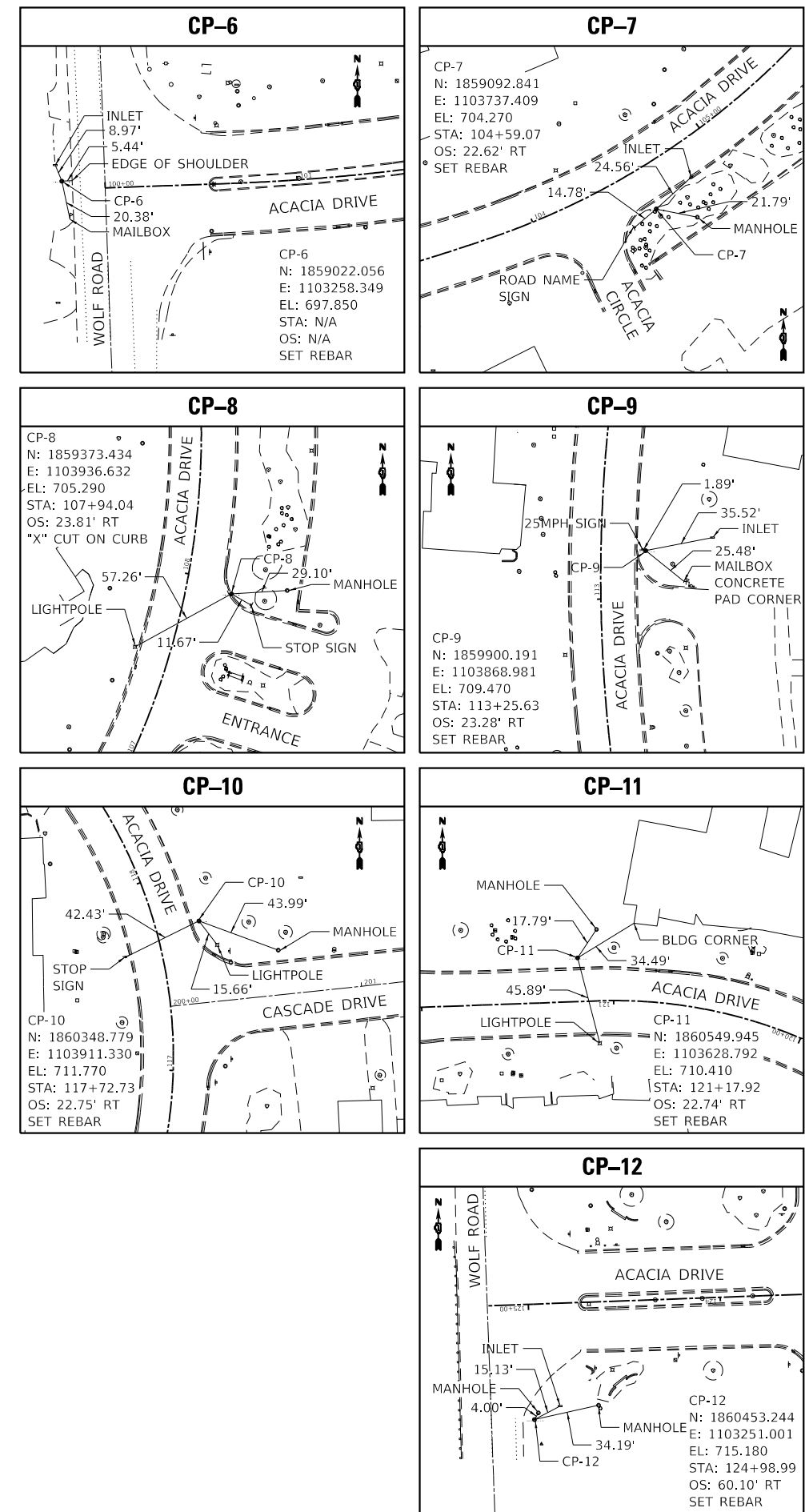
**BENCHMARKS**

**SOURCE BENCHMARK:**  
 NGS 0137 / DK3298 - A 3.5 INCH BRASS DISK ON THE WEST SIDE OF A TRAFFIC SIGNAL BASE AT THE NORTHEAST CORNER OF WOLF ROAD AND PLAINFIELD ROAD. THE STATION IS 59.2 FT (18.0 M) EAST OF THE CENTERLINE OF WOLF ROAD, 32.0 FT (9.8 M) NORTH OF THE CENTERLINE OF PLAINFIELD ROAD, AND 39.25 FT (12.0 M) SOUTHEAST OF A FIRE HYDRANT.  
 ELEVATION: 705.33 (NAVD88)

**SITE BENCHMARK 1:**  
 SOUTHWEST BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF ACACIA DRIVE (SOUTH INTERSECTION) AND WOLF ROAD.  
 ELEVATION: 697.86 (NAVD88)

**SITE BENCHMARK 2:**  
 SOUTHWEST BOLT ON FIRE HYDRANT AT 210 ACACIA DRIVE (VILLAGE OF INDIAN HEAD PARK MUNICIPAL BUILDING).  
 ELEVATION: 710.97 (NAVD88)

**SITE BENCHMARK 3:**  
 SOUTHWEST BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF ACACIA DRIVE (NORTH INTERSECTION) AND WOLF ROAD.  
 ELEVATION: 717.30 (NAVD88)



MODEL: D:\64bit...  
 FILE NAME: S:\011300-13001330\021\Drawings\CADD\Misc\SSACADD\_SHEETS\0112345-shc-atb-1.dgn  
 STRAND ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
 JULIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1" = 100'  
 SHEET 1 OF 1 SHEETS  
 STA. 100+00.00 TO STA. 125+21.42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	18
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	









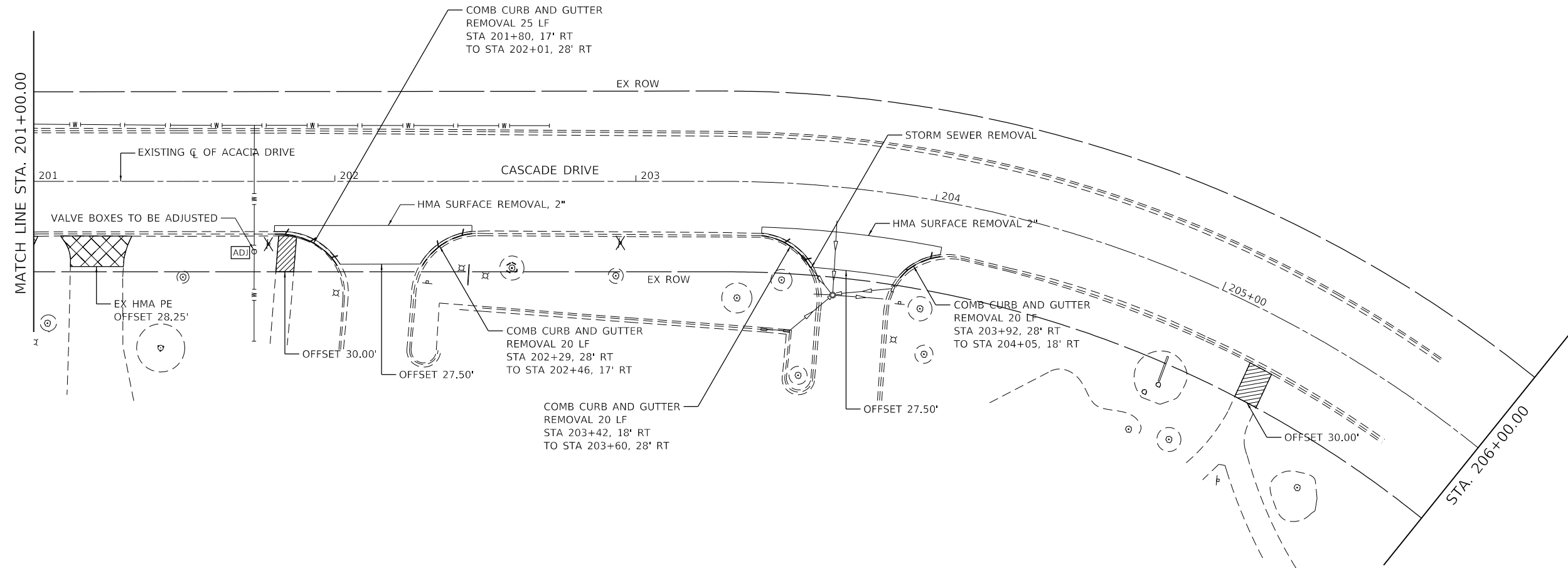
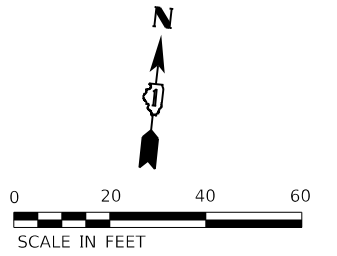




**NOTE:**

NO TREES SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SHALL BE PERFORMED PER THE IDOT DISTRICT 1 STANDARD DETAIL AT ALL SIDE STREET LIMITS OF CONSTRUCTION OR AS SHOWN IN THE PLANS.



**LEGEND**

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	HOT-MIX ASPHALT SURFACE REMOVAL - 4 1/4"
	LINEAR REMOVAL ITEM (AS NOTED)
	TREE REMOVAL
	ITEM REMOVAL
	DRAINAGE STRUCTURE TO BE REMOVED

MODEL: D:\p1\11300-13001\11300-13001\11300-13001\11300-13001\CADD\Misc\SSA\CADD\_SHEETS\11300-13001\11300-13001\11300-13001\Cascade-1.dgn  
 FILE NAME: 11300-13001\11300-13001\11300-13001\Cascade-1.dgn

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
CASCADE DRIVE**

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 201+00.00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	24
CONTRACT NO. 61G92				
ILLINOIS		FED. AID PROJECT		

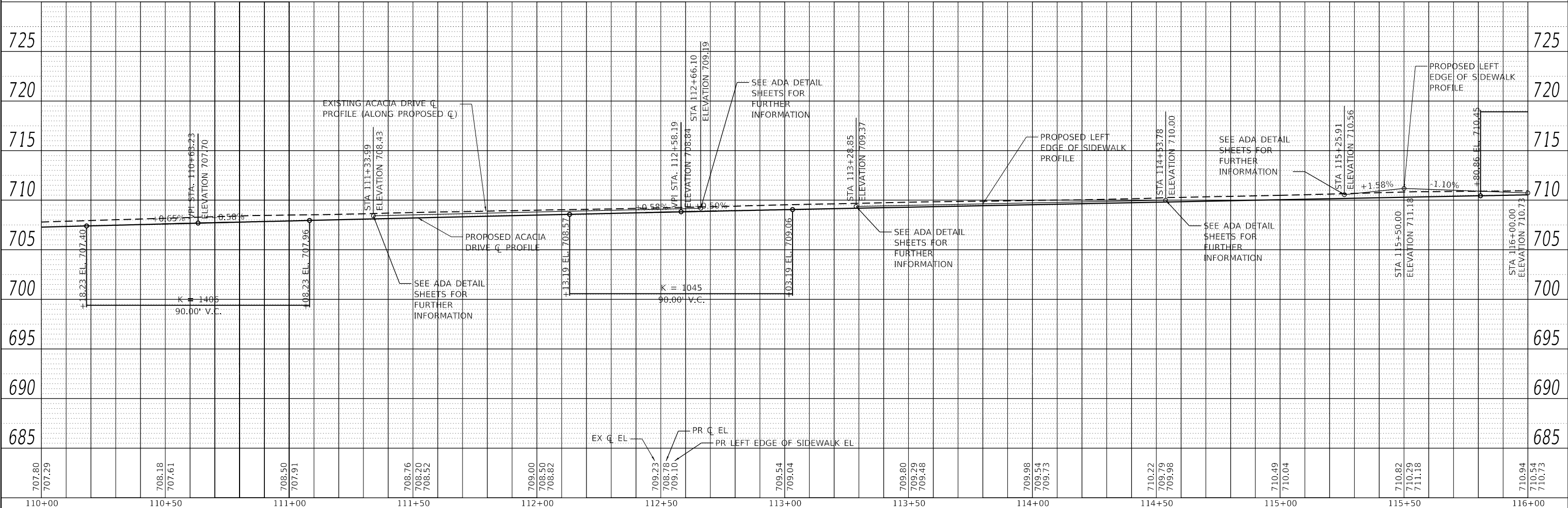
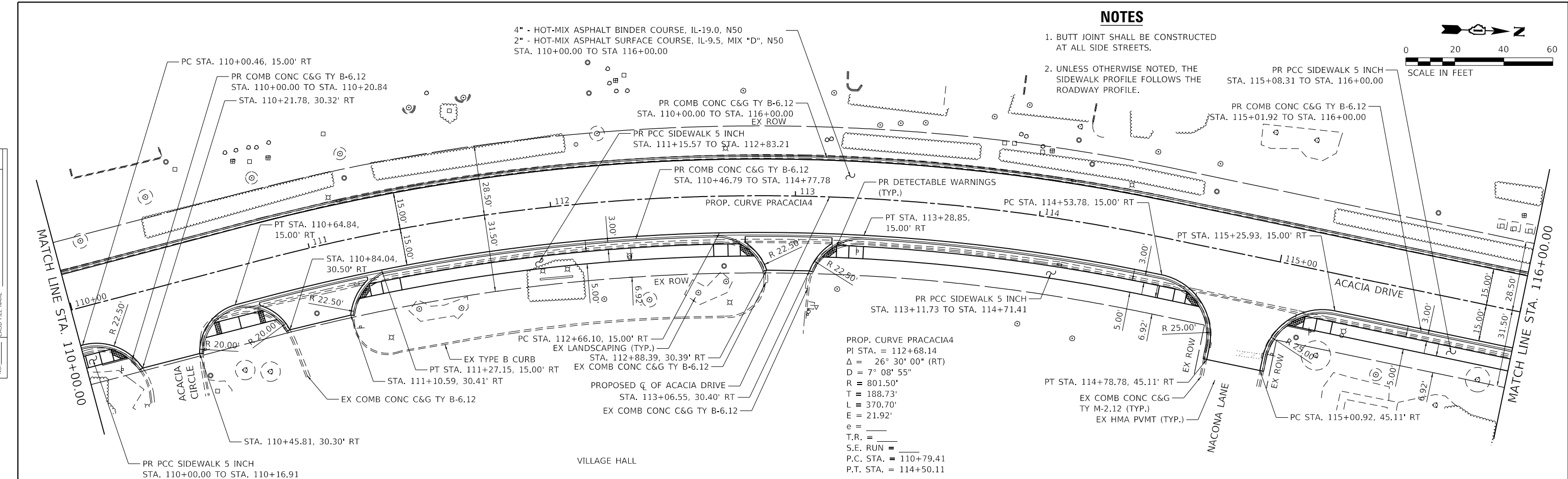






PLAN	SURVIVED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVIVED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



MODEL: Default  
 FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CAD\MicroStation\CADD\_SHEETS\112345-5111prAcacia3.dgn

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000" / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

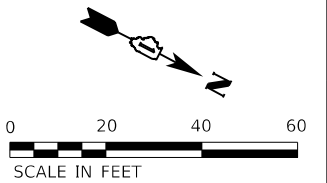
**PLAN AND PROFILE**  
**ACACIA DRIVE**

SCALE: 20(H)-5(V) SHEET 3 OF 6 SHEETS STA. 110+00.00 TO STA. 116+00.00

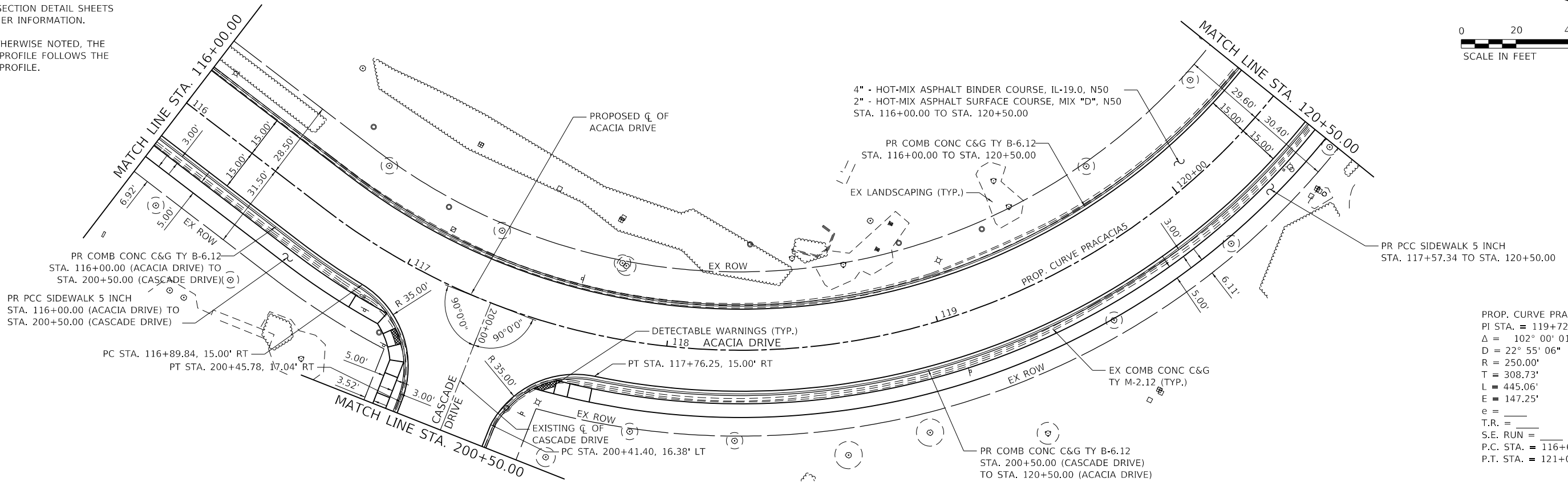
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	27
CONTRACT NO.				61G92
ILLINOIS FED. AID PROJECT				

**NOTES**

- SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
- UNLESS OTHERWISE NOTED, THE SIDEWALK PROFILE FOLLOWS THE ROADWAY PROFILE.

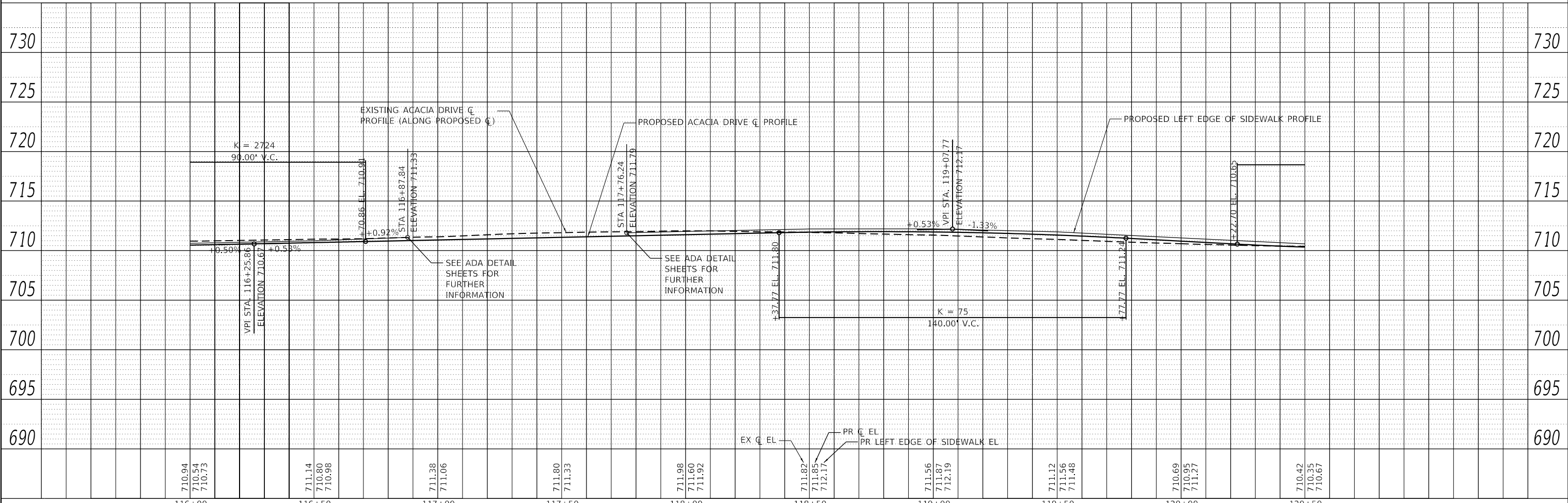


DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	
PLAN	



PROP. CURVE PRACACIAS  
 PI STA. = 119+72.33  
 $\Delta$  = 102° 00' 01" (LT)  
 $D$  = 22° 55' 06"  
 $R$  = 250.00'  
 $T$  = 308.73'  
 $L$  = 445.06'  
 $E$  = 147.25'  
 $e$  = \_\_\_\_\_  
 $T.R.$  = \_\_\_\_\_  
 $S.E. RUN$  = \_\_\_\_\_  
 $P.C. STA.$  = 116+63.60  
 $P.T. STA.$  = 121+08.66

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



MODEL: Default  
 FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CADD\MicroStation\CADD\_SHEETS\112345-5111\prAcacia-4.dgn

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN AND PROFILE ACACIA DRIVE</b>	
SCALE: 20(H)-5(V)	SHEET 4 OF 6 SHEETS
STA. 116+00.00 TO STA. 120+50.00	

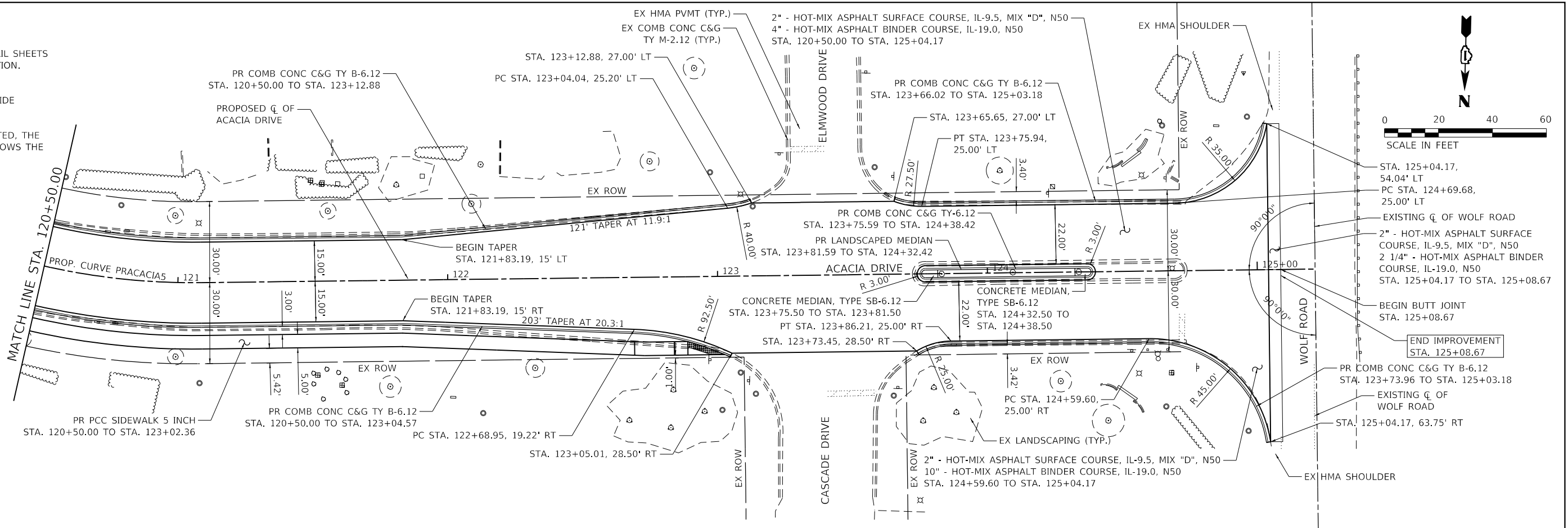
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	28
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

**NOTES**

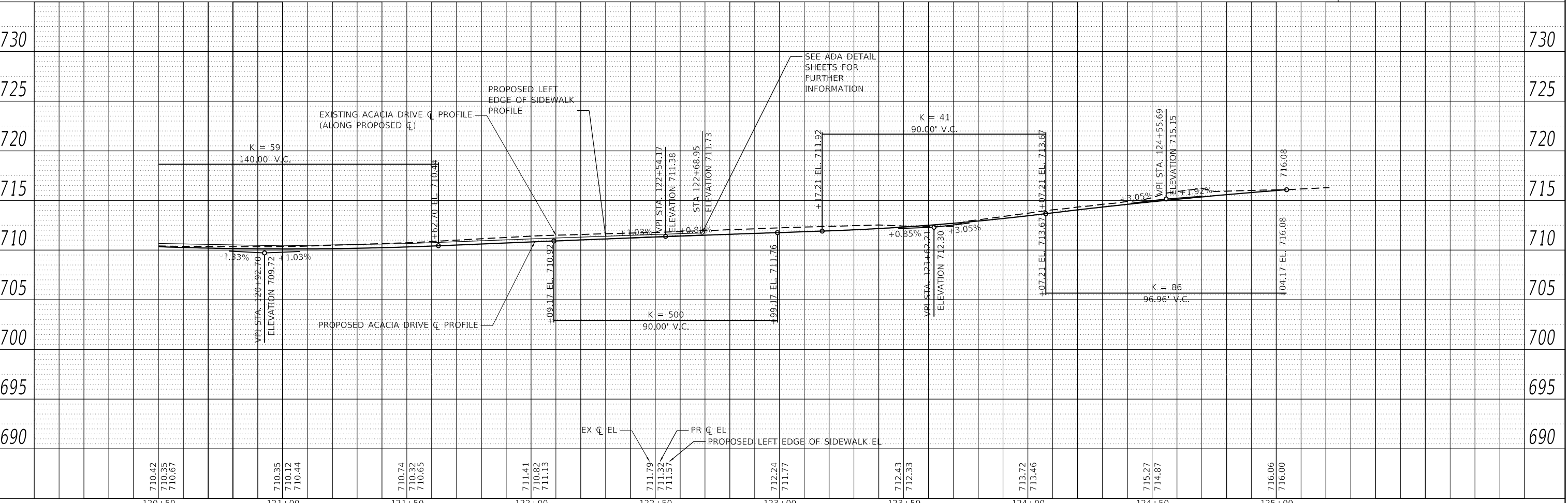
1. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
2. BUTT JOINT SHALL BE CONSTRUCTED AT ALL SIDE STREETS.
3. UNLESS OTHERWISE NOTED, THE SIDEWALK PROFILE FOLLOWS THE ROADWAY PROFILE.

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

PROP. CURVE PRACACIAS  
 PI STA. = 119+72.33  
 $\Delta = 102^\circ 00' 01"$  (LT)  
 $D = 22^\circ 55' 06"$   
 $R = 250.00'$   
 $T = 308.73'$   
 $L = 445.06'$   
 $E = 147.25'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 116+63.60$   
 $P.T. STA. = 121+08.66$



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



MODEL: Default  
 FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CADD\MicroStation\CADD\_SHEETS\112345-112345-112345-112345.dwg



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE  
 ACACIA DRIVE**

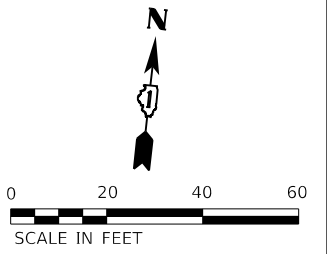
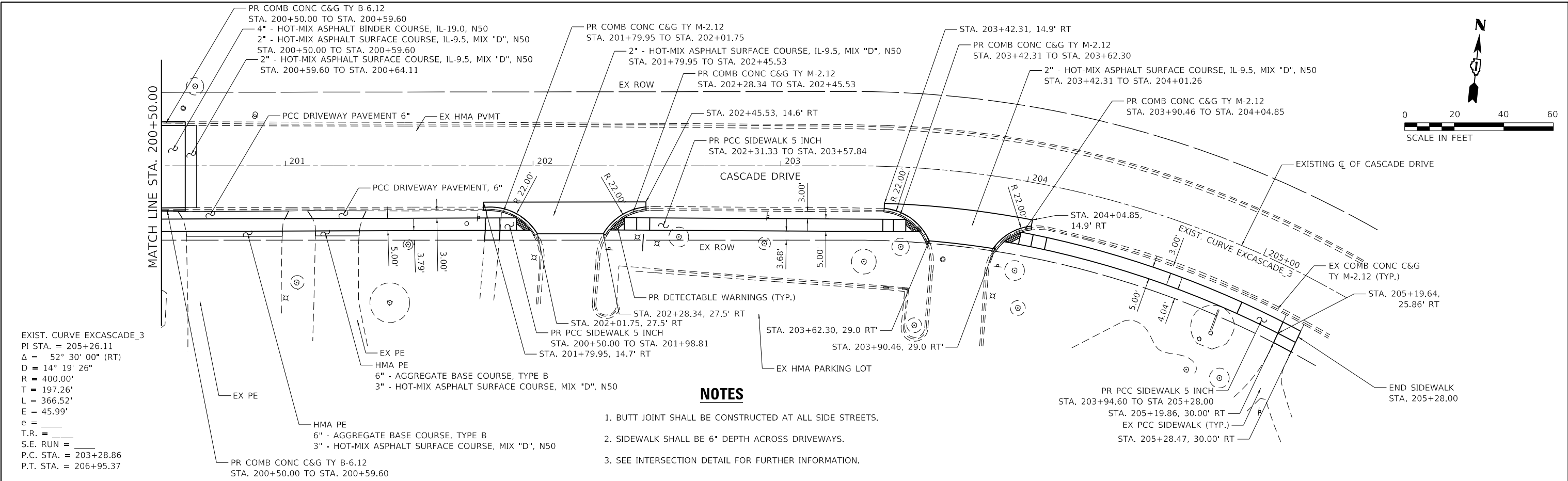
SCALE: 20(H)-5(V) SHEET 5 OF 6 SHEETS STA. 120+50.00 TO STA. 125+04.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	29
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	

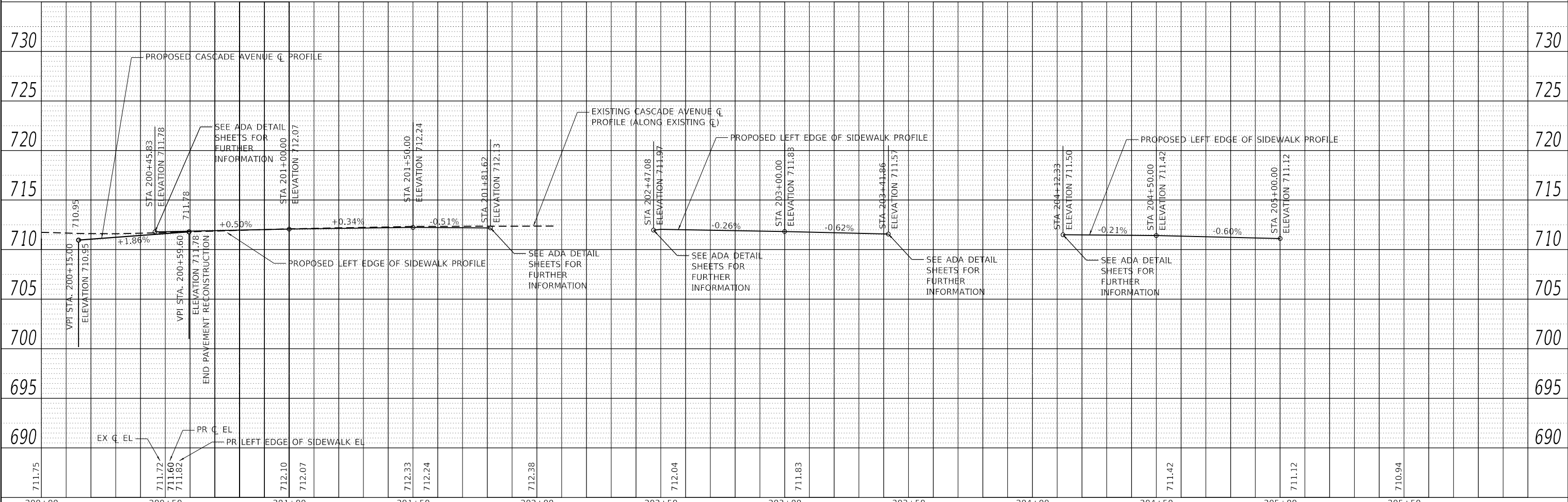
MODEL: Default  
FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CADD\MicroStation\CADD\_SHEETS\0112345-551\plan\Profile-Cascade-1.dgn



EXIST. CURVE EXCASCADE\_3  
 PI STA. = 205+26.11  
 $\Delta = 52^\circ 30' 00''$  (RT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 197.26'$   
 $L = 366.52'$   
 $E = 45.99'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 203+28.86  
 P.T. STA. = 206+95.37

**NOTES**

1. BUTT JOINT SHALL BE CONSTRUCTED AT ALL SIDE STREETS.
2. SIDEWALK SHALL BE 6" DEPTH ACROSS DRIVEWAYS.
3. SEE INTERSECTION DETAIL FOR FURTHER INFORMATION.



STRAND ASSOCIATES\*  
 1170 SOUTH HOBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE  
 CASCADE DRIVE**  
 SCALE: 20(H)-5(V) SHEET 6 OF 6 SHEETS STA. 200+00.00 TO STA. 205+28.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	30
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				

## SUGGESTED CONSTRUCTION OPERATIONS

### STAGE 1

ALL

INSTALL TEMPORARY EROSION CONTROL MEASURES PER THE TEMPORARY EROSION CONTROL DRAWINGS. INSTALL STAGE 1 TRAFFIC CONTROL AND SIGNAGE PER THE SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC PLAN DRAWINGS.

#### ACACIA DRIVE

FROM STA. 100+24.64 TO STA. 112+00.00, PERFORM FULL DEPTH PAVEMENT, CURB AND GUTTER, AND MEDIAN REMOVAL TO THE DEPTHS PER THE TYPICAL SECTIONS AND ROADWAY PLAN AND PROFILE DRAWINGS. REMOVE THE DRAINAGE AND UTILITY STRUCTURES AND ELEMENTS PER THE REMOVAL PLAN DRAWINGS AND THE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS. INSTALL THE PROPOSED DRAINAGE AND UTILITY STRUCTURES AND ELEMENTS PER THE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS. INSTALL THE AGGREGATE SUBGRADE IMPROVEMENT PER THE TYPICAL SECTION. INSTALL THE CURB AND GUTTER, PAVE THE HOT-MIX ASPHALT BINDER COURSE, AND INSTALL THE SIDEWALK PER THE ROADWAY PLAN AND PROFILE DRAWINGS. PLACE THE TOPSOIL. INSTALL TREES, SHRUBS, PERENNIALS, AND SOD, IF ALLOWED BY IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF SOD IS NOT ALLOWED TO BE PLACED AT THE END OF STAGE 1, TEMPORARY SEED AND EROSION CONTROL BLANKET SHALL BE PLACED UNTIL THE SOD CAN BE PLACED. INSTALL TEMPORARY PAVEMENT MARKINGS.

CONTRACTOR SHALL PROVIDE ACCESS TO ACACIA DRIVE FROM ACACIA CIRCLE AT NO LESS THAN ONE INTERSECTION AT ALL TIMES. CONTRACTOR SHALL PROVIDE ACCESS TO ACACIA DRIVE FROM THE WILSHIRE GREEN CONDO BUILDINGS AT NO LESS THAN ONE ENTRANCE AT ALL TIMES.

### STAGE 2

ALL

INSTALL STAGE 2 TRAFFIC CONTROL AND SIGNAGE PER THE SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC PLAN DRAWINGS.

#### ACACIA DRIVE

FROM STA. 112+00.00 TO STA. 125+04.17, PERFORM FULL DEPTH PAVEMENT, CURB AND GUTTER, AND MEDIAN REMOVAL TO THE DEPTHS PER THE TYPICAL SECTIONS AND ROADWAY PLAN AND PROFILE DRAWINGS. REMOVE THE DRAINAGE AND UTILITY STRUCTURES AND ELEMENTS PER THE REMOVAL PLAN DRAWINGS AND THE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS. INSTALL THE PROPOSED DRAINAGE AND UTILITY STRUCTURES AND ELEMENTS PER THE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS. INSTALL THE AGGREGATE SUBGRADE IMPROVEMENT PER THE TYPICAL SECTION. INSTALL THE CURB AND GUTTER, PAVE THE HOT-MIX ASPHALT BINDER COURSE, AND INSTALL THE SIDEWALK PER THE ROADWAY PLAN AND PROFILE DRAWINGS. PLACE THE TOPSOIL. INSTALL TREES, SHRUBS, PERENNIALS, AND SOD, IF ALLOWED BY IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF SOD IS NOT ALLOWED TO BE PLACED AT THE END OF STAGE 2, TEMPORARY SEED AND EROSION CONTROL BLANKET SHALL BE PLACED UNTIL THE SOD CAN BE PLACED. INSTALL TEMPORARY PAVEMENT MARKINGS.

CONTRACTOR SHALL PROVIDE ACCESS TO ACACIA DRIVE FROM CASCADE DRIVE AT NO LESS THAN ONE INTERSECTION AT ALL TIMES. CONTRACTOR SHALL PROVIDE ACCESS TO ACACIA DRIVE FROM WESTWOOD DRIVE, ELMWOOD DRIVE, AND NACONA LANE AT ALL TIMES. FULL CLOSURES OF THESE SIDE STREETS WILL NOT BE ALLOWED.

#### CASCADE DRIVE

REMOVE THE DRIVEWAY APRONS, CURB AND GUTTER, AND ENTRANCES PER THE REMOVAL PLAN DRAWINGS AND ROADWAY PLAN AND PROFILE DRAWINGS. INSTALL THE SIDEWALK, DRIVEWAY APRONS, SIDEWALK, AND ENTRANCES PER THE ROADWAY PLAN AND PROFILE DRAWINGS.

### STAGE 3

ALL

MILL TWO INCHES OF ACACIA DRIVE FROM STA. 100+11.83 TO 100+24.64 AND PERFORM HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT AT ALL OTHER SIDE STREET LIMITS OF CONSTRUCTION PER THE REMOVAL PLAN DRAWINGS AND THE ROADWAY PLAN AND PROFILE DRAWINGS. PAVE HOT-MIX ASPHALT SURFACE COURSE THROUGHOUT THE ENTIRE PROJECT PER THE ROADWAY PLAN AND PROFILE DRAWINGS. INSTALL SHORT TERM PAVEMENT MARKINGS ACCORDING TO THE LOCATIONS OF THE PERMANENT PAVEMENT MARKING DRAWINGS.

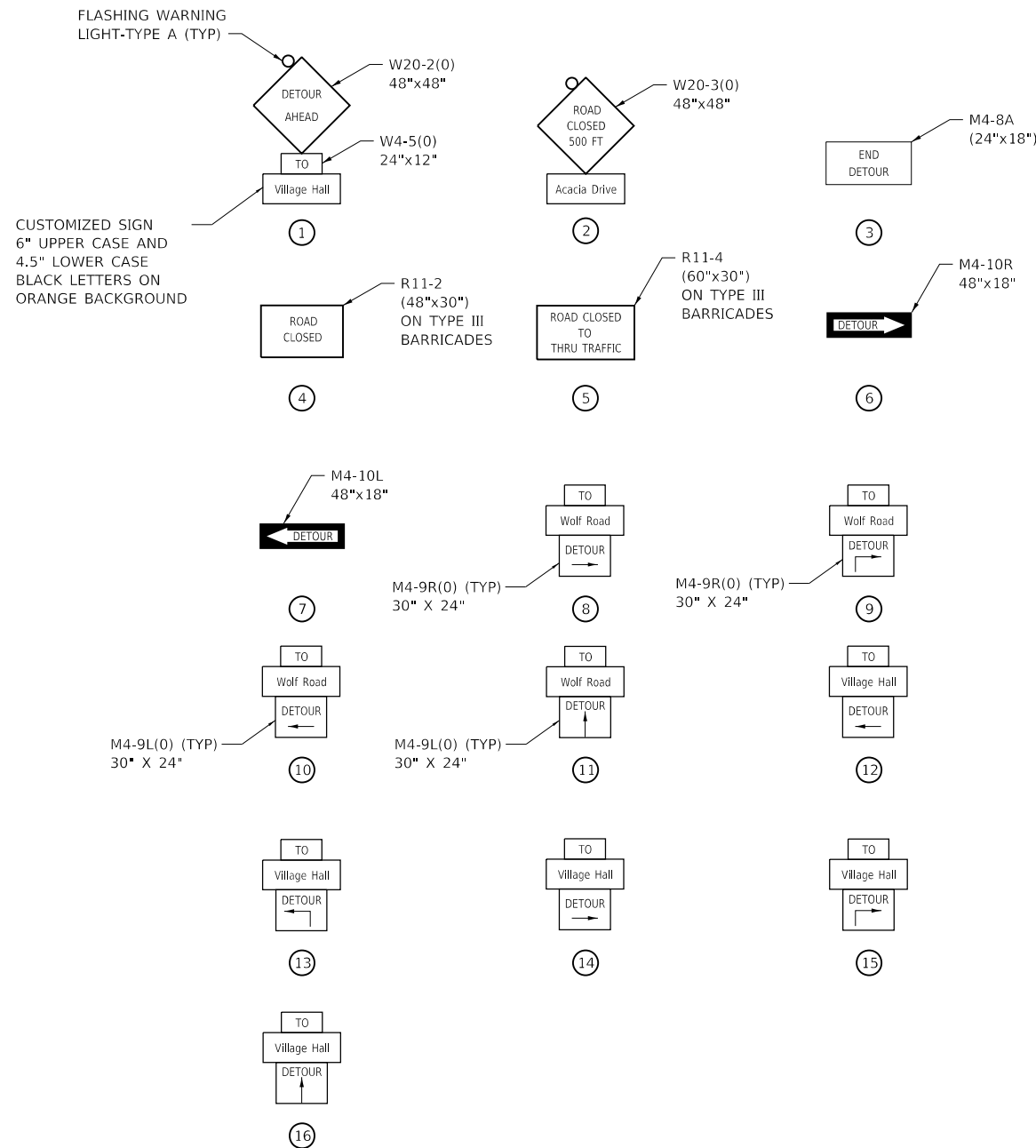
### STAGE 4

ALL

INSTALL PERMANENT PAVEMENT MARKINGS PER THE PAVEMENT MARKING DRAWINGS. COMPLETE LANDSCAPING WORK PER THE PERMANENT EROSION CONTROL DRAWINGS IF IT WAS UNABLE TO BE COMPLETED IN STAGE 1 OR STAGE 2 DUE TO RESTRICTIONS ON SOD PLACEMENT IN IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. REMOVE TEMPORARY EROSION CONTROL ITEMS.

## MAINTENANCE OF TRAFFIC GENERAL NOTES (CONT.)

- CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO ALL INTERSECTIONS AND ENTRANCES DURING CONSTRUCTION OF THE PROJECT. THE WIDTHS SHALL BE PER THE AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS SPECIAL PROVISION. INTERSECTIONS AND DRIVEWAY RAMP SHALL BE INSTALLED BY 5 PM THE SAME DAY AFTER COMMENCING PAVEMENT REMOVAL AT THE INTERSECTION. DRIVEWAY RAMP SHALL BE INSTALLED BY 5 PM THE SAME DAY AFTER COMMENCING PAVEMENT REMOVAL CONTIGUOUS TO EACH DRIVEWAY.
- DURING THE PROPOSED WORK ALONG WOLF ROAD, THE ROADWAY SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00AM TO 3:00PM FOLLOWING APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG WOLF ROAD IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES FOR PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.



## MAINTENANCE OF TRAFFIC GENERAL NOTES

- WOLF ROAD IS UNDER THE JURISDICTION OF THE COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS. THE CONTRACTOR MUST OBTAIN A CONSTRUCTION PERMIT FROM THAT ENTITY PRIOR TO POSTING THE DETOUR.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER AND THE FOLLOWING ENTITIES A MINIMUM OF 72 HOURS PRIOR TO PROVIDING THE DETOUR AND A MINIMUM OF 72 HOURS BEFORE STAGE CONSTRUCTION CHANGES:
  - COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS: (312) 603-1670
  - VILLAGE OF INDIAN HEAD PARK: (708) 246-3080
  - VILLAGE OF INDIAN HEAD PARK POLICE DEPARTMENT: (708) 246-4534
  - PLEASANT VIEW FIRE PROTECTION DISTRICT: (708) 352-9229
  - PACE SUBURBAN BUS: (847) 364-7223
  - LA GRANGE HIGHLANDS SCHOOL DISTRICT 106: (708) 485-3073
  - LYONS TOWNSHIP SCHOOL DISTRICT 204: (708) 579-6467
- ALL UNDERGROUND UTILITY WORK SHALL BE COORDINATED WITH THE SUGGESTED MAINTENANCE OF TRAFFIC STAGING.
- SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS IN CONFLICT OR NO LONGER NEEDED MUST BE REMOVED BEFORE STARTING THE NEW TRAFFIC CONFIGURATION FOR THE NEXT MAINTENANCE OF TRAFFIC STAGE.
- ALL CURB RAMPS ADJACENT TO BINDER COURSE AND CURB AND GUTTER SHALL HAVE A TEMPORARY ASPHALT RAMP [TEMPORARY RAMP (SPECIAL)] NOT EXCEEDING 8 PERCENT LONGITUDINAL SLOPE. TEMPORARY RAMPS SHALL BE REMOVED PRIOR TO PAVING THE SURFACE COURSE.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

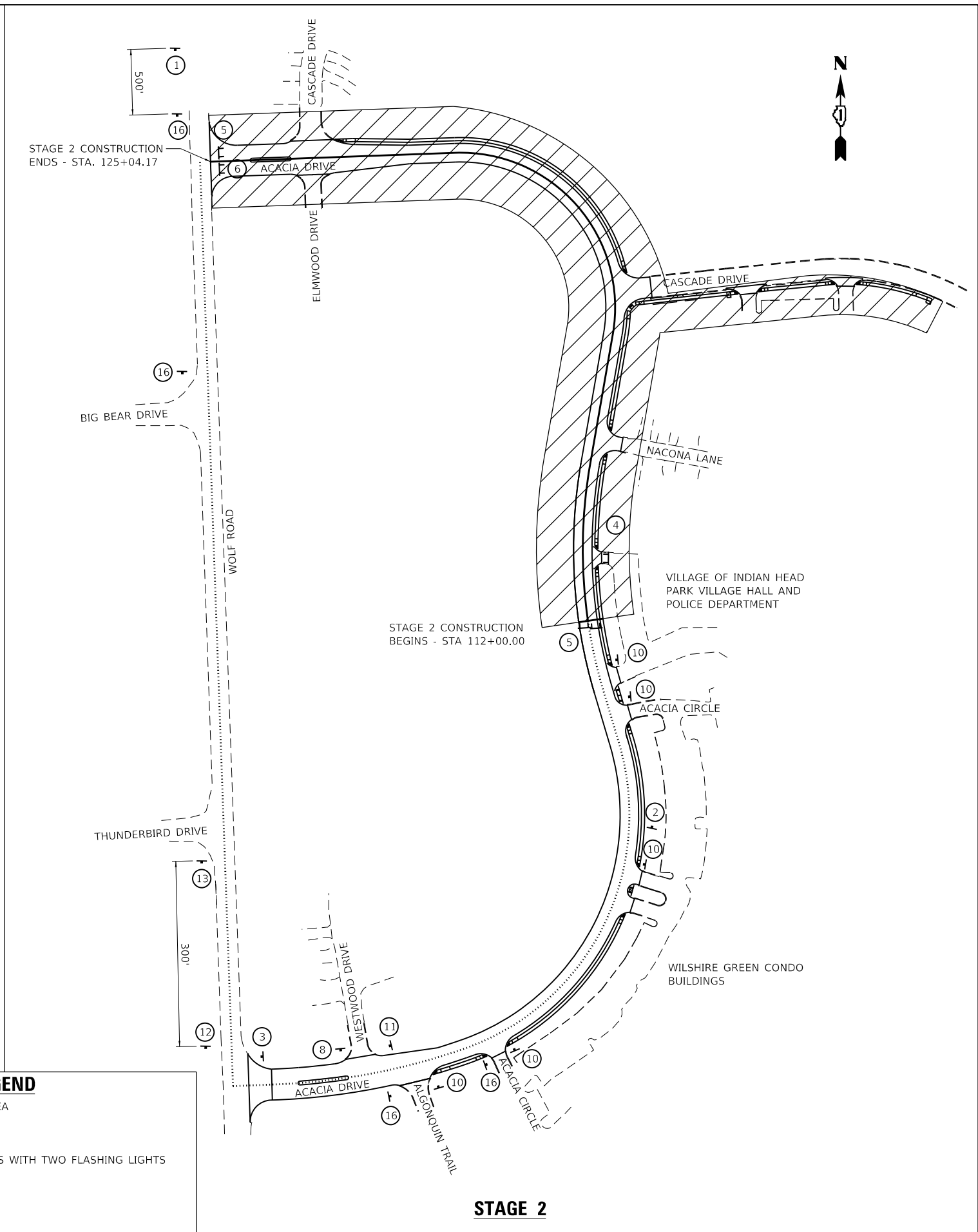
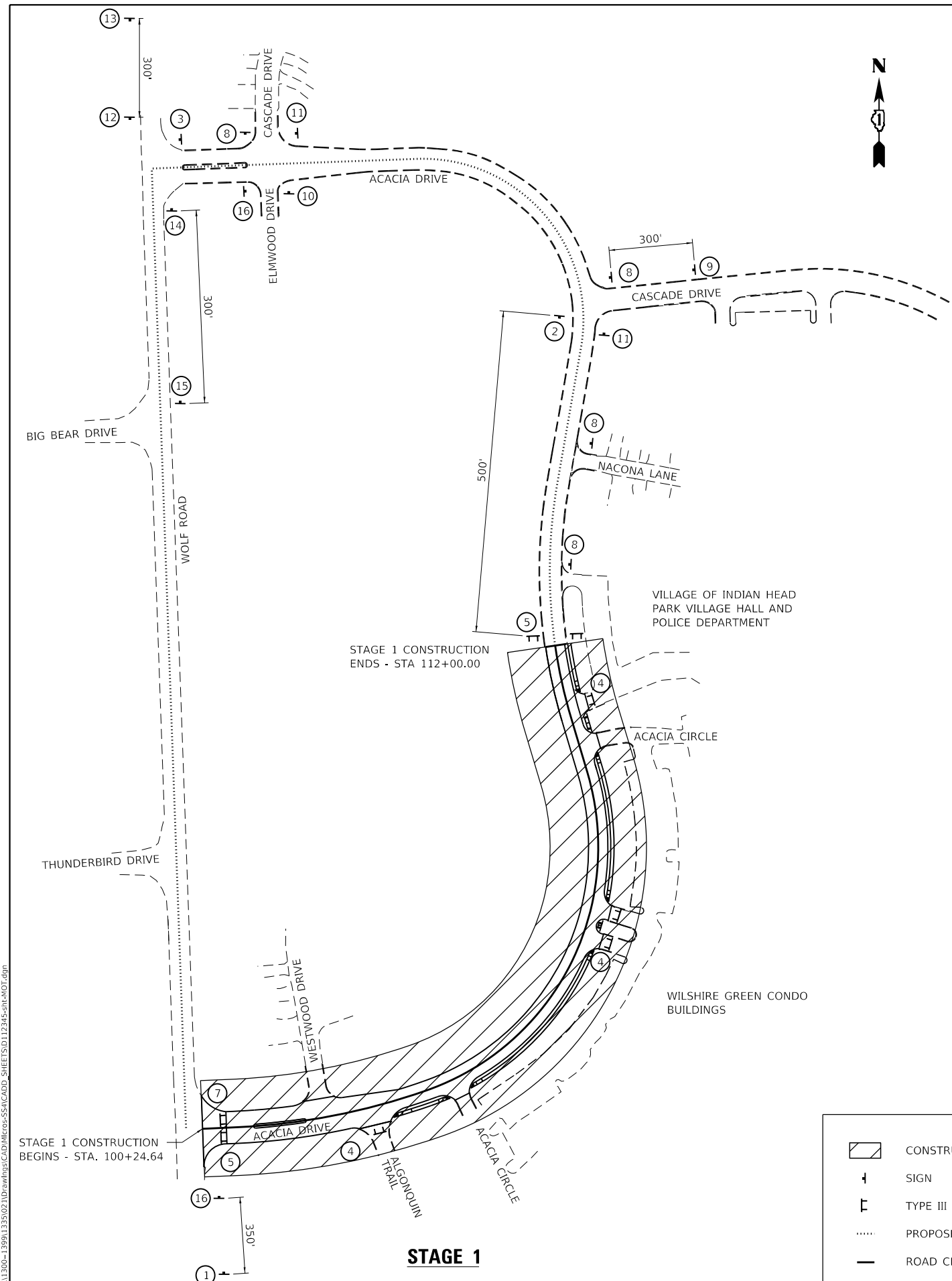
SUGGESTED CONSTRUCTION STAGING AND  
MAINTENANCE OF TRAFFIC PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	31
CONTRACT NO.			61G92	
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 100' SHEET 1 OF 2 SHEETS STA. 100+00.00 TO STA. 125+21.42

USER NAME	DESIGNED	REVISION
= RaymondP	- MJG	-
	DRAWN - DJW	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -





**LEGEND**

- CONSTRUCTION AREA
- SIGN
- TYPE III BARRICADES WITH TWO FLASHING LIGHTS
- PROPOSED DETOUR
- ROAD CLOSED

MODEL: D:\64bit  
 FILE NAME: S:\11300-1300-1300\1300\21\Drawings\CADD\Micro-SSA\CADD\_SHEETS\112345-shr-MOT.dwg  
**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 200,0000 ' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED CONSTRUCTION STAGING AND  
 MAINTENANCE OF TRAFFIC PLAN**

SCALE: 1" = 100'    SHEET 2 OF 2 SHEETS    STA. 100+00.00 TO STA. 125+21.42

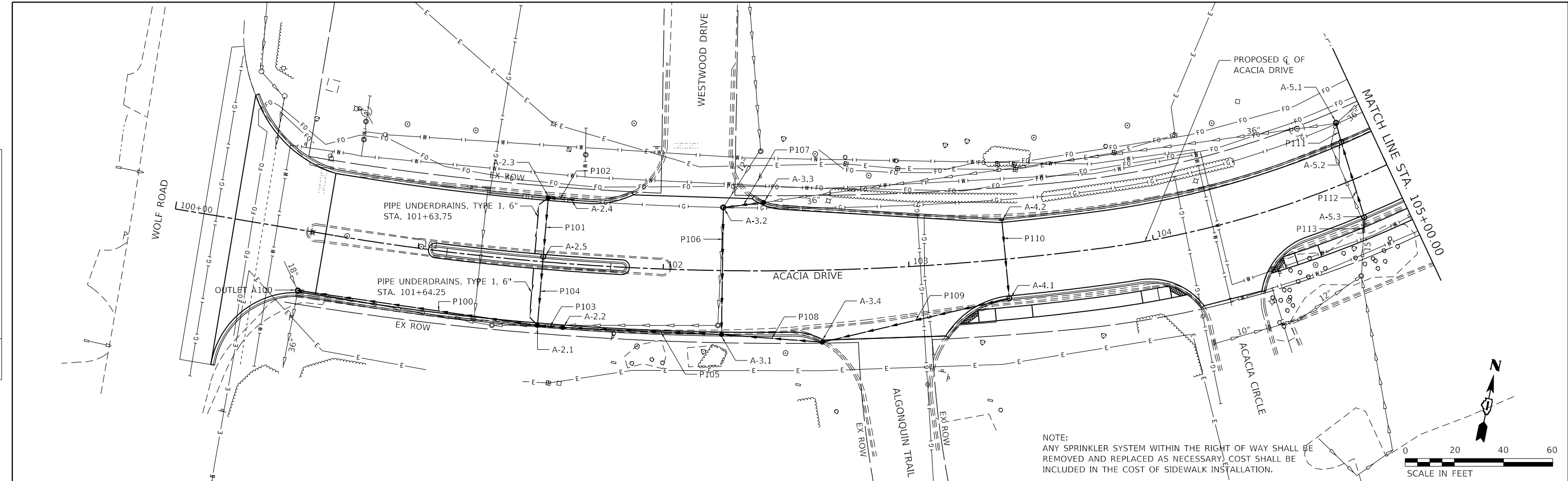
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	32
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	





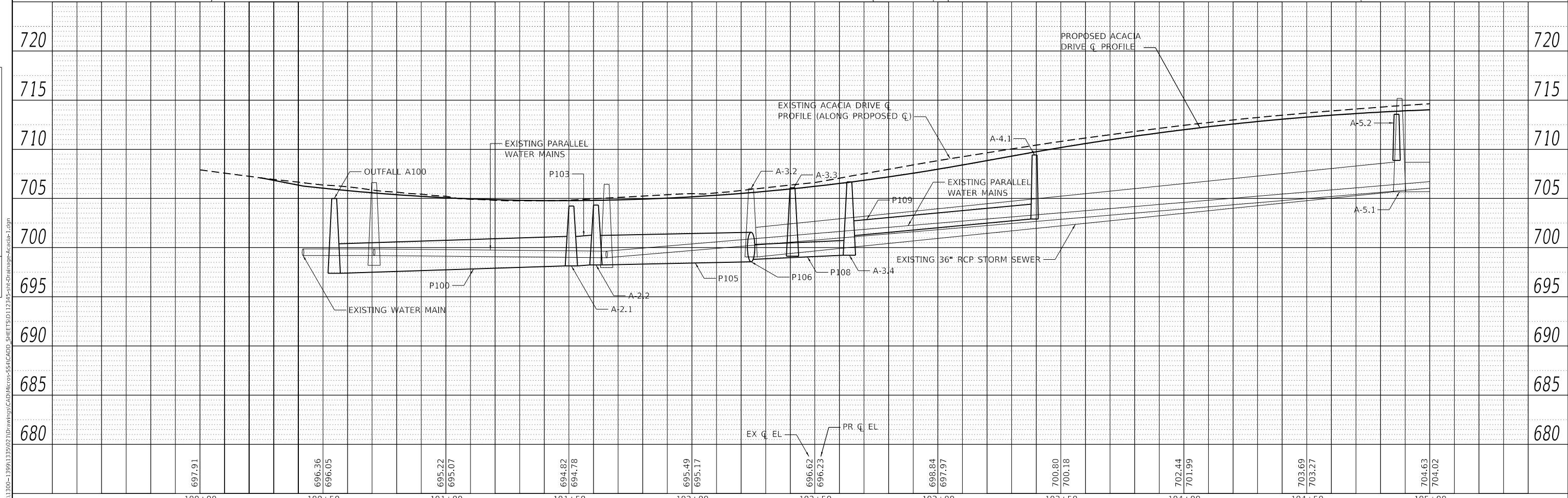
PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	ALIGNED CHECKED	
	CADD FILE NAME	
	NO.	

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



NOTE:  
ANY SPRINKLER SYSTEM WITHIN THE RIGHT OF WAY SHALL BE REMOVED AND REPLACED AS NECESSARY. COST SHALL BE INCLUDED IN THE COST OF SIDEWALK INSTALLATION.

SCALE IN FEET



100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00
697.91	696.36 696.05	695.22 695.07	694.82 694.78	695.49 695.17	696.62 696.23	698.84 697.97	700.80 700.18	702.44 701.99	703.69 703.27	704.63 704.02

MODEL: Default  
FILE NAME: S:\01\1300-1399\1335\021\Drawings\CADD\Micro\SSA\CADD\_SHEETS\112345-smc\Drainage-Acacia-1.dgn

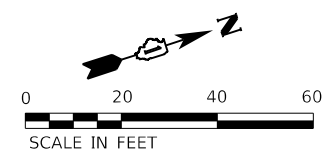
USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

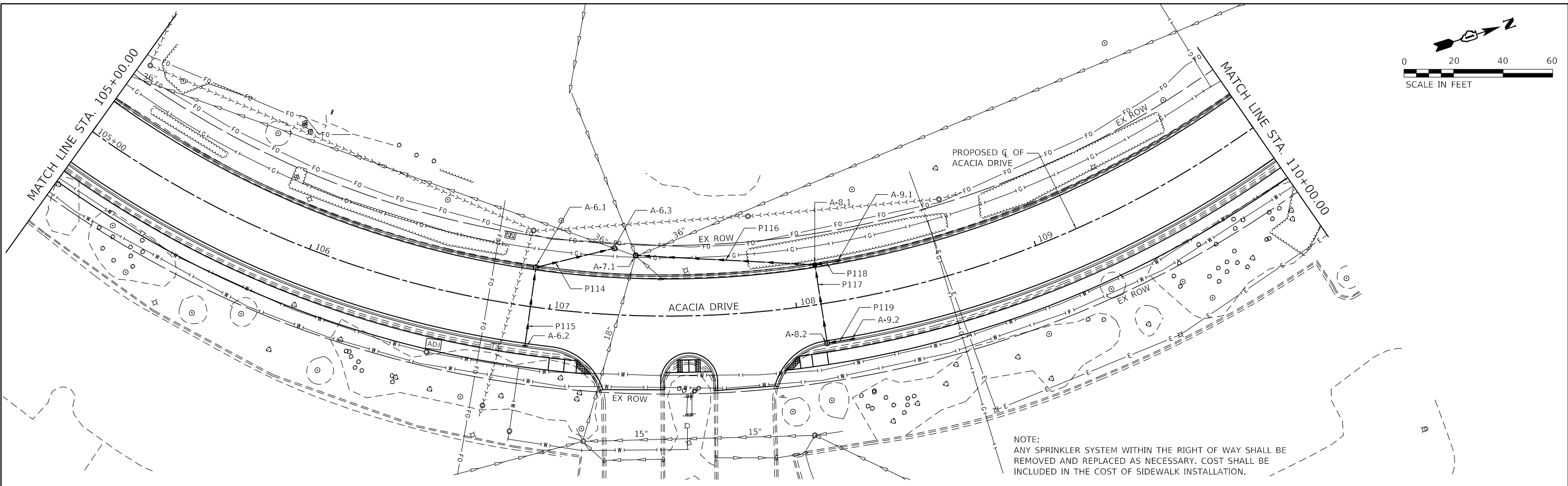
**DRAINAGE AND UTILITY PLAN AND PROFILE**  
**ACACIA DRIVE**

SCALE: 20(H)-5(V) SHEET 1 OF 6 SHEETS STA. 100+00.00 TO STA. 105+00.00

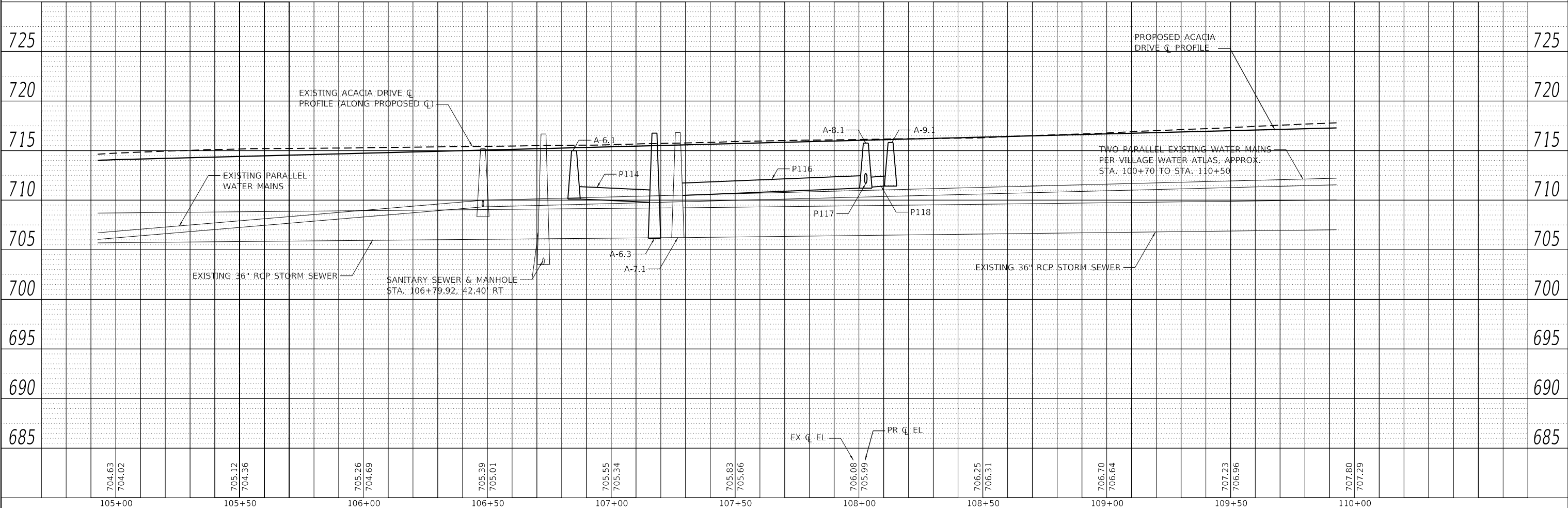
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	35
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



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



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



MODEL: Default  
 FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CADD\Micro\SSA\CADD\_SHEETS\112345-smc\Drainage-Acacia2.dgn

USER NAME = RaymondP	DESIGNED - MIG	REVISD -
	DRAWN - DJW	REVISD -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISD -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

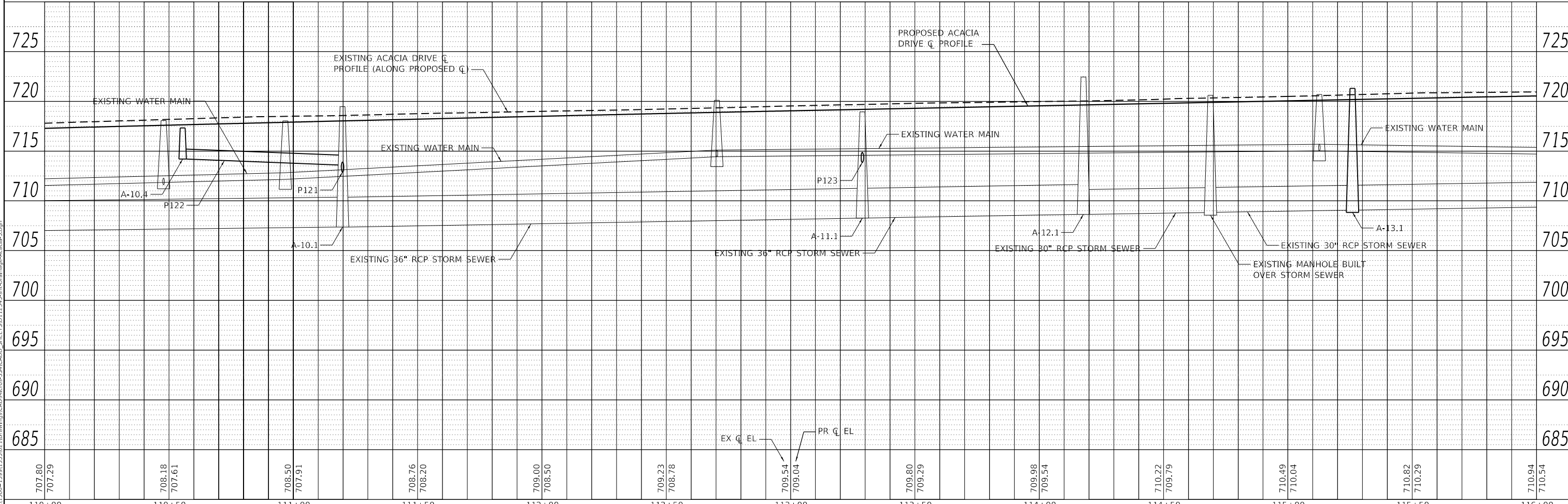
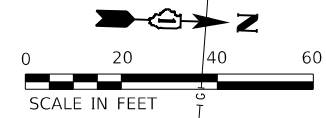
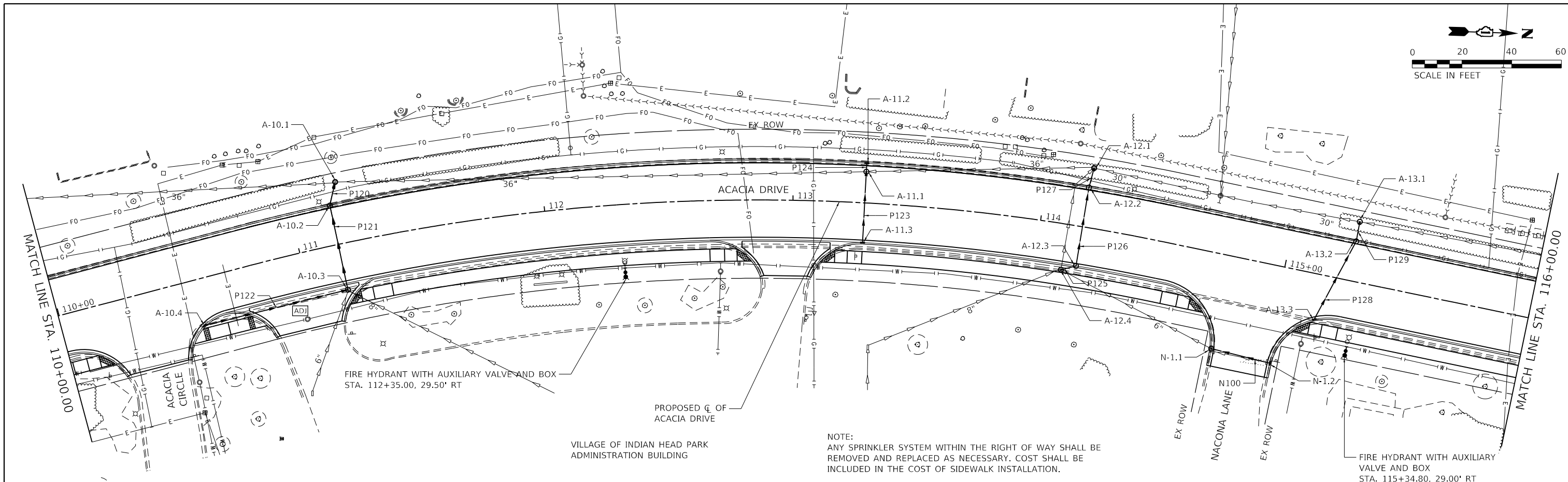
**DRAINAGE AND UTILITY PLAN AND PROFILE  
 ACACIA DRIVE**

SCALE: 20(H)-5(V)    SHEET 2 OF 6 SHEETS    STA. 105+00.00 TO STA. 110+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	36
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

PLAN	SURVIVED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVIVED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



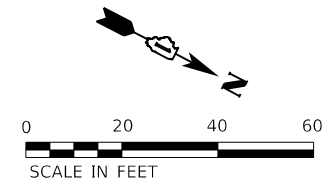
MODEL: Default  
 FILE NAME: S:\01\1300-1399\1335\021\Drawings\CAD\MicroStation\CADD\_SHEETS\112345-smc\Drainage-Acacia3.dgn

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

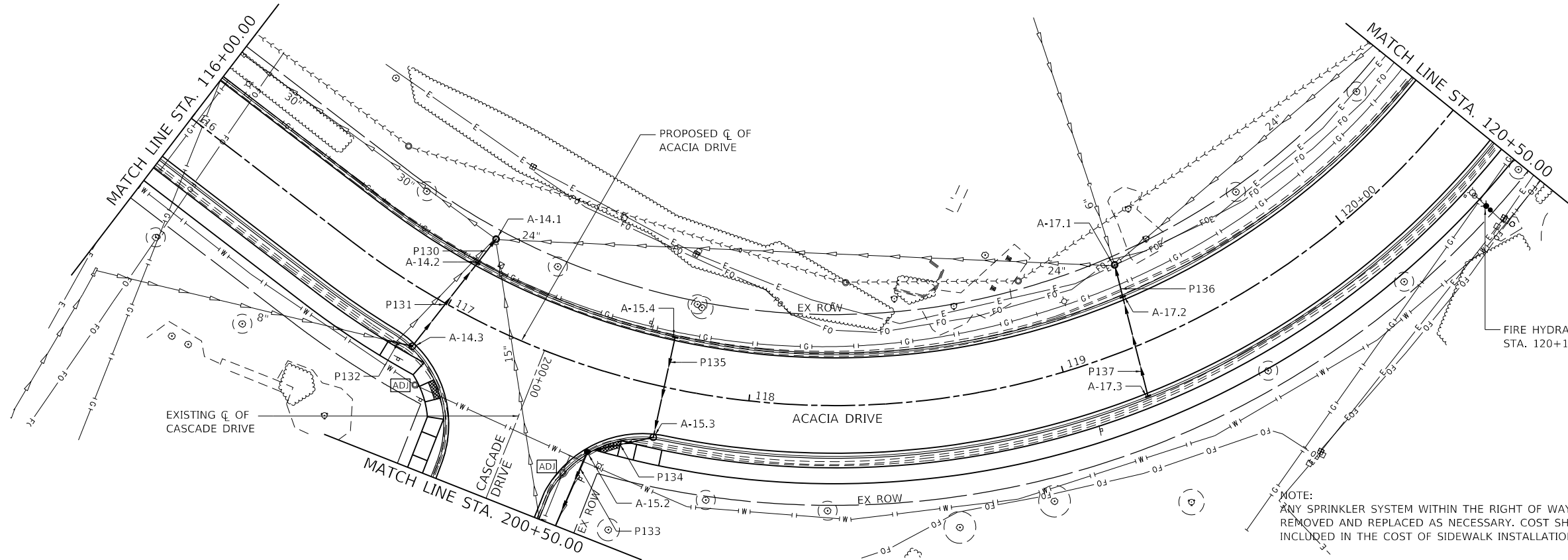
DRAINAGE AND UTILITY PLAN AND PROFILE	
ACACIA DRIVE	
SCALE: 20(H)-5(V)	SHEET 3 OF 6 SHEETS
STA. 110+00.00 TO STA. 116+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	37
CONTRACT NO. 61G92				
ILLINOIS		FED. AID PROJECT		



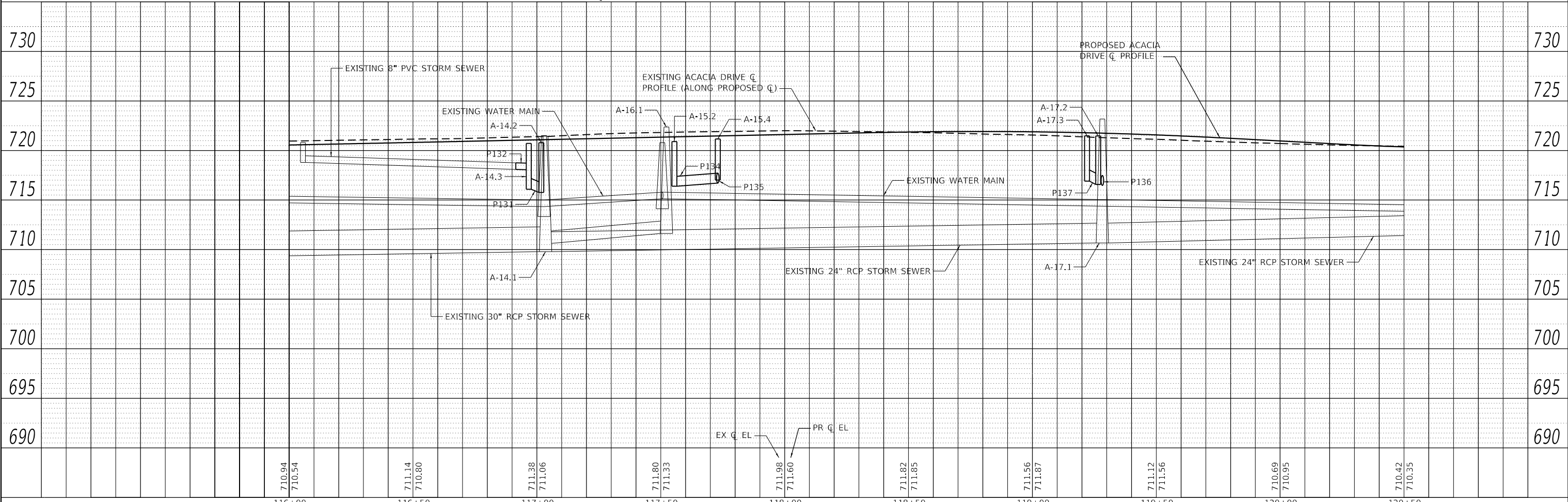
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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



NOTE:  
ANY SPRINKLER SYSTEM WITHIN THE RIGHT OF WAY SHALL BE REMOVED AND REPLACED AS NECESSARY. COST SHALL BE INCLUDED IN THE COST OF SIDEWALK INSTALLATION.

FIRE HYDRANT WITH AUXILIARY VALVE AND BOX  
STA. 120+11.62, 28.00' RT



MODEL: Default  
FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CAD\MicroStation\CADD\_SHEETS\112345-smc\Drainage-Acacia-4.dgn

**STRAND ASSOCIATES**  
1170 SOUTH HOBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISIONS
	DRAWN - DJW	REVISIONS
	CHECKED - MAG	REVISIONS
	DATE - 12/23/2020	REVISIONS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

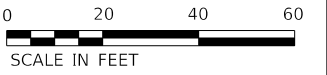
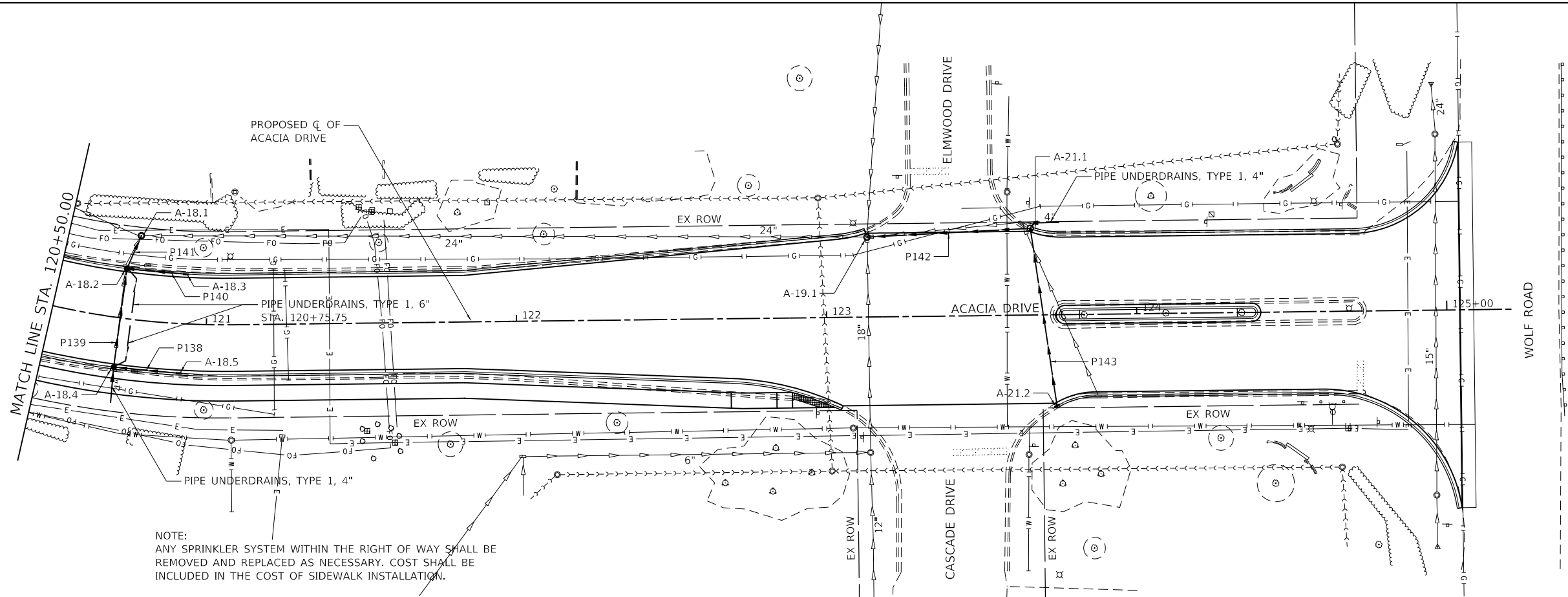
**DRAINAGE AND UTILITY PLAN AND PROFILE  
ACACIA DRIVE**  
SCALE: 20(H)-5(V) SHEET 4 OF 6 SHEETS STA. 116+00.00 TO STA. 120+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	38
CONTRACT NO. 61G92				
ILLINOIS		FED. AID PROJECT		

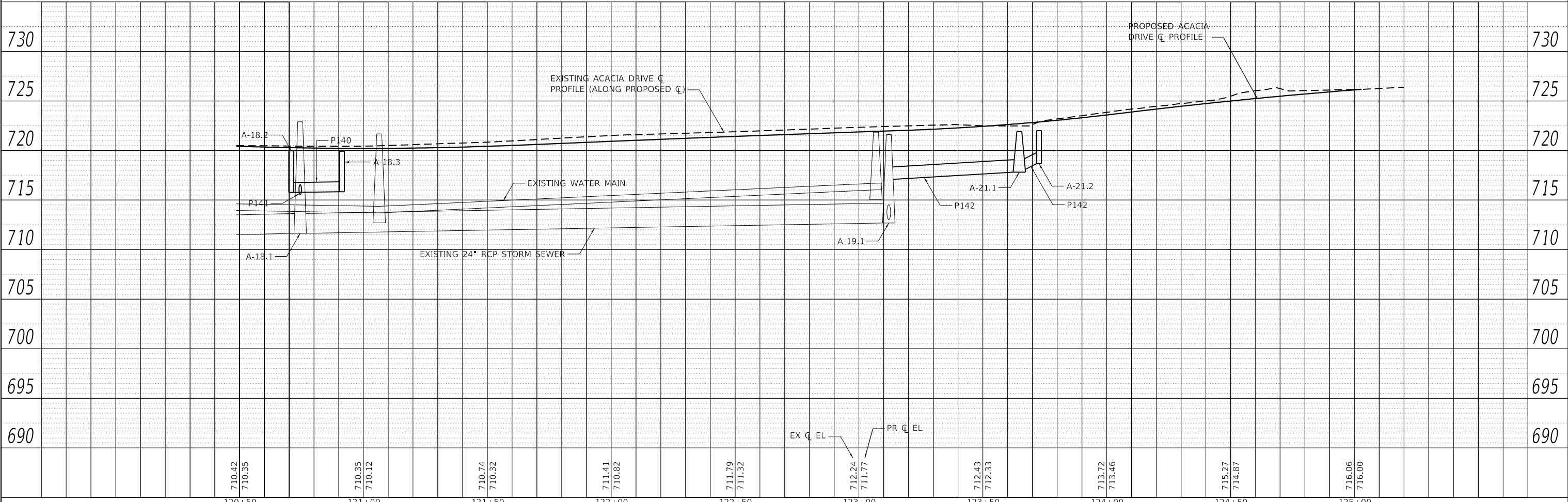
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	BY	
	DATE	

MODEL: Default  
FILE NAME: S:\01\1300-1399\1335\021D\Drawings\CAD\MicroStation\CADD\_SHEETS\112345-smc\Drainage-Acacia-5.dgn



NOTE:  
ANY SPRINKLER SYSTEM WITHIN THE RIGHT OF WAY SHALL BE REMOVED AND REPLACED AS NECESSARY. COST SHALL BE INCLUDED IN THE COST OF SIDEWALK INSTALLATION.



120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00
710.42 710.35	710.35 710.12	710.74 710.32	711.41 710.82	711.79 711.32	712.24 711.77	712.43 712.33	713.72 713.46	715.27 714.87	716.06 716.00

**SA**  
1170 SOUTH HOBULT ROAD  
JOLIET, ILLINOIS 60431  
**STRAND**  
ASSOCIATES\*

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

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

<b>DRAINAGE AND UTILITY PLAN AND PROFILE</b>		
<b>ACACIA DRIVE</b>		
SCALE: 20(H)-5(V)	SHEET 5 OF 6 SHEETS	STA. 120+50.00 TO STA. 124+77.93

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	39
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



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

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

MODEL: Default  
FILE NAME: S:\01\1300-1399\1335\0210\Drawings\CADD\Micro\55\55\CADD\_SHEETS\112345-smc\Drainage-Cascade-1.dgn

**STRAND ASSOCIATES\***  
1170 SOUTH HOBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

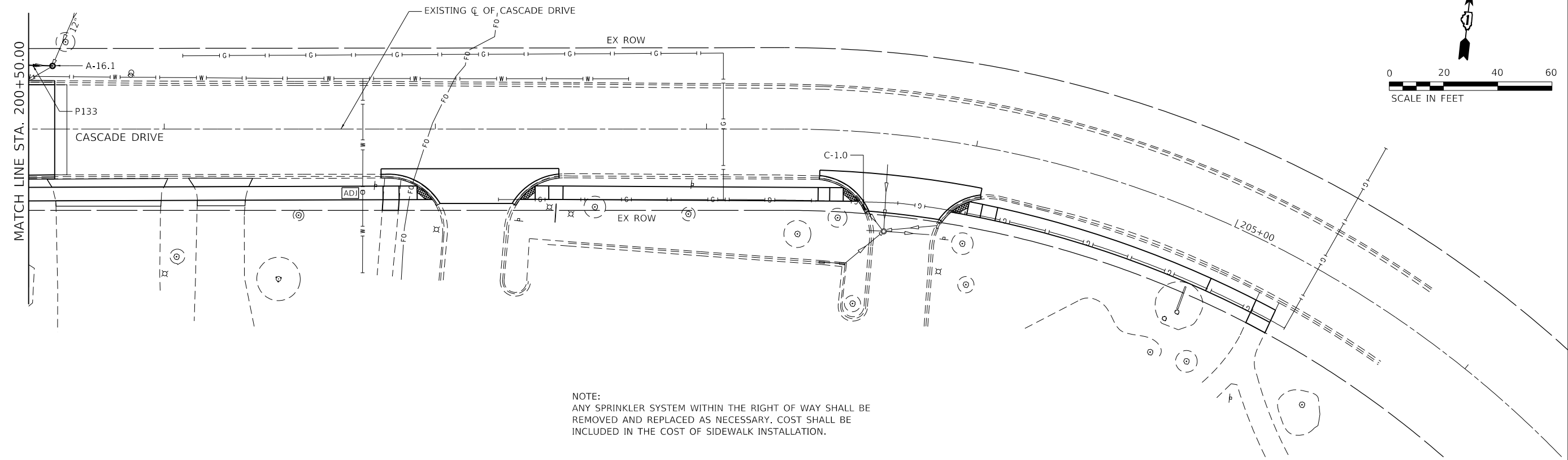
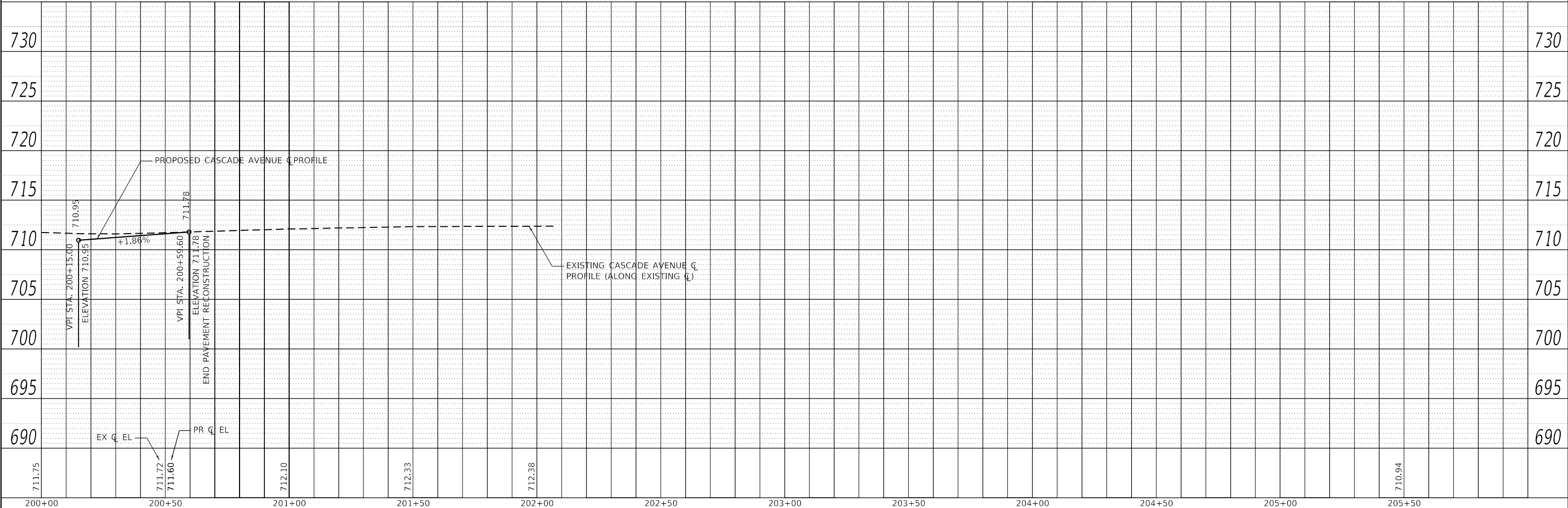
USER NAME = RaymondP  
DESIGNED - MIG  
DRAWN - DJW  
CHECKED - MAG  
DATE - 12/23/2020

REVISIONS  
REVISOR  
DATE  
REVISIONS  
REVISOR  
DATE

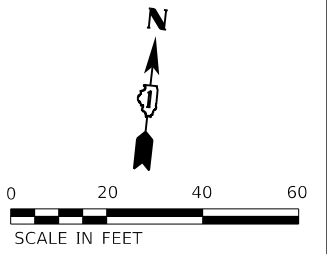
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE  
CASCADE DRIVE**  
SCALE: 20(H)-5(V) SHEET 6 OF 6 SHEETS STA. 200+00.00 TO STA. 206+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	40
CONTRACT NO.			61G92	
ILLINOIS		FED. AID PROJECT		



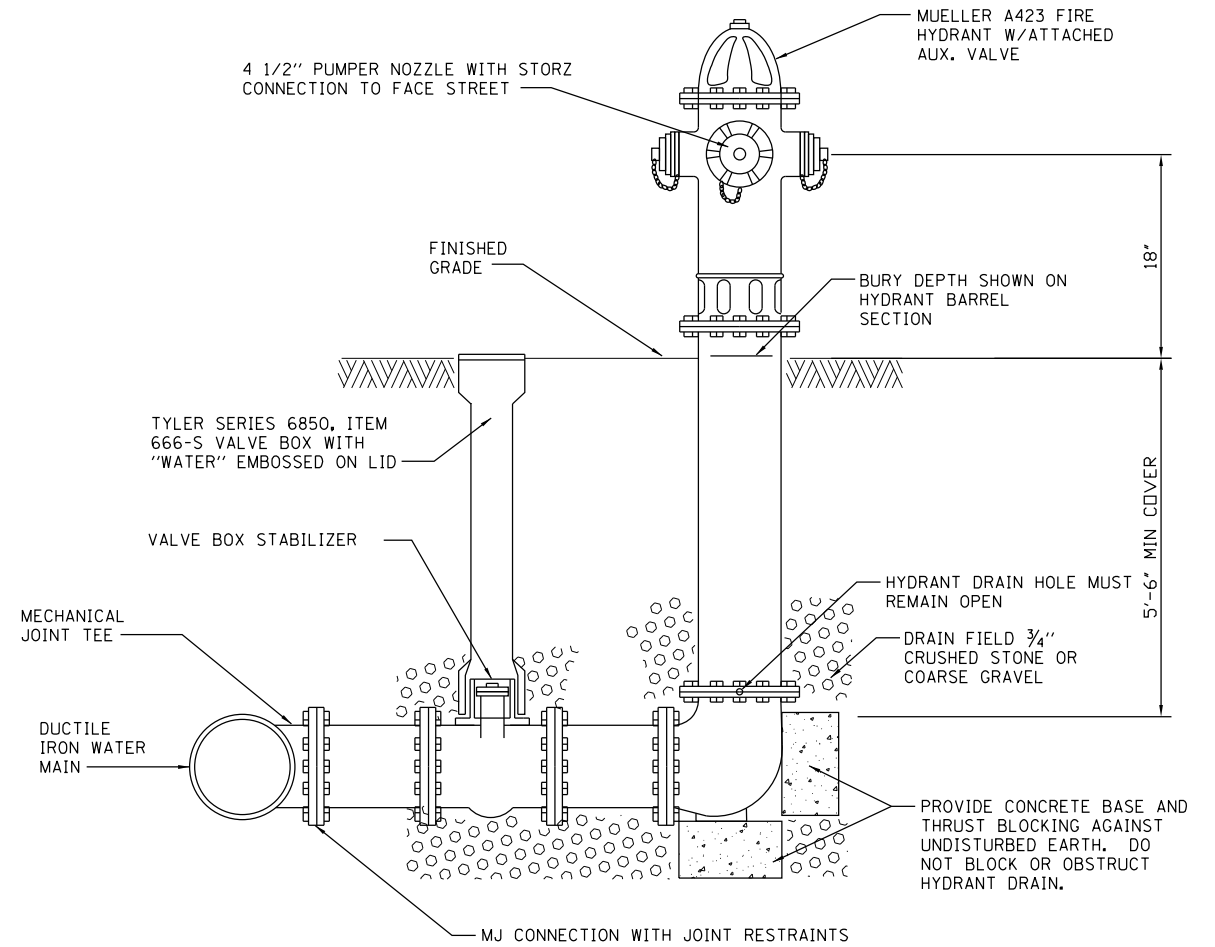
NOTE:  
ANY SPRINKLER SYSTEM WITHIN THE RIGHT OF WAY SHALL BE REMOVED AND REPLACED AS NECESSARY. COST SHALL BE INCLUDED IN THE COST OF SIDEWALK INSTALLATION.



MIN. DISTANCE TO BE RESTRAINED (ALL JOINTS WITHIN THIS DISTANCE MUST BE RESTRAINED)		
BEND/FITTING TYPE	DISTANCE	NOTES
8"-90° BEND	19'	ALONG BOTH BRANCHES
8"-45° BEND	8'	ALONG BOTH BRANCHES
8"-22.5° BEND	4'	ALONG BOTH BRANCHES
8" TEE	12'	ALONG SIDE BRANCH
8" VERT. BEND 45°	16' 5"	UPPER BEND, /LOWER BEND
10"X8" REDUCER	16"	ALONG 10" PIPE
10"-90° BEND	22'	ALONG BOTH BRANCHES
10"-45° BEND	9'	ALONG BOTH BRANCHES
10"-22.5° BEND	5'	ALONG BOTH BRANCHES
10" TEE	19'	ALONG SIDE BRANCH
10" VERT. BEND 45°	20' 6"	UPPER BEND, /LOWER BEND
RESTRAINED LENGTHS WERE CALCULATED USING A SAFETY FACTOR OF 2, TYPE 4 TRENCH CONDITIONS, SM SOIL CLASSIFICATION, 150 PSI HYDROSTATIC TEST PRESSURE AND FIVE FOOT BURY DEPTH.		

## MEGALUG RESTRAINED JOINT DEVELOPMENT LENGTH TABLE

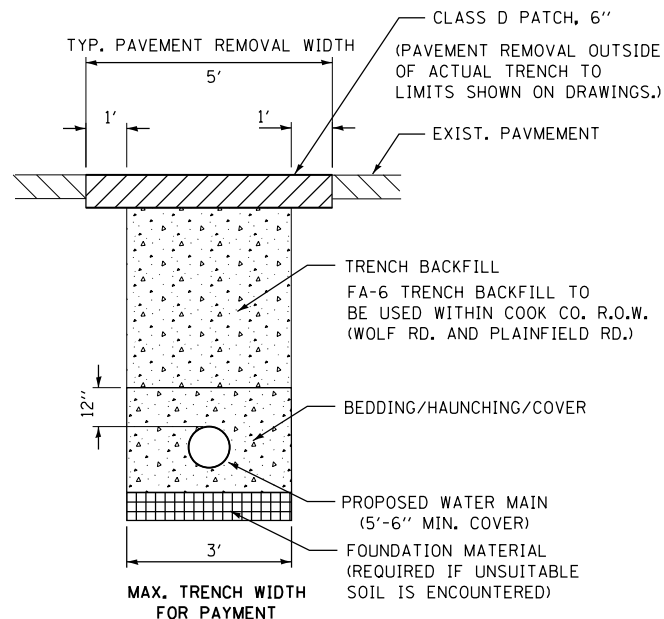
ALL RESTRAINED JOINT LENGTHS ARE BASED ON D.I. PIPE AND THE ASSUMPTIONS INDICATED IN THE ABOVE TABLE. ANY DEVIATION FROM THE PIPE MATERIAL OR ASSUMPTIONS WILL REQUIRE REVISION OF THE RESTRAINED JOINT DEVELOPMENT LENGTHS TO CONFORM WITH AWWA STANDARDS.



## FIRE HYDRANT DETAIL

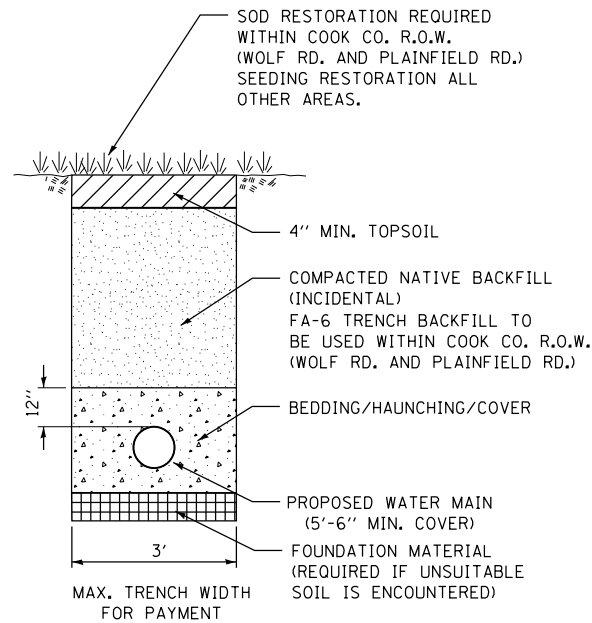
### NOTES

- AUXILIARY VALVES SHALL BE 6" MUELLER A2361 GATE VALVE.
- HYDRANT EXTENSIONS, WHEN NECESSARY, SHALL BE ONE PIECE.
- MEGA-LUG OR EQUAL RETAINER GLANDS SHALL BE USED FOR MECHANICAL JOINTS, FITTINGS, ETC.
- HYDRANT LEADS SHALL BE TREATED AS WATER MAIN AND ALL WATER SEWER SEPARATION REQUIREMENTS SHALL APPLY.



## TRENCH DETAIL

PAVED AREAS



## TRENCH DETAIL

LANDSCAPED AREAS

MODEL: D:\4641... FILE NAME: S:\011300-1309113202\Drawings\CADD\Misc-SSA\CADD\_SHEETS\0112345-shc-detaile-4646remsh.dgn



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	41
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				













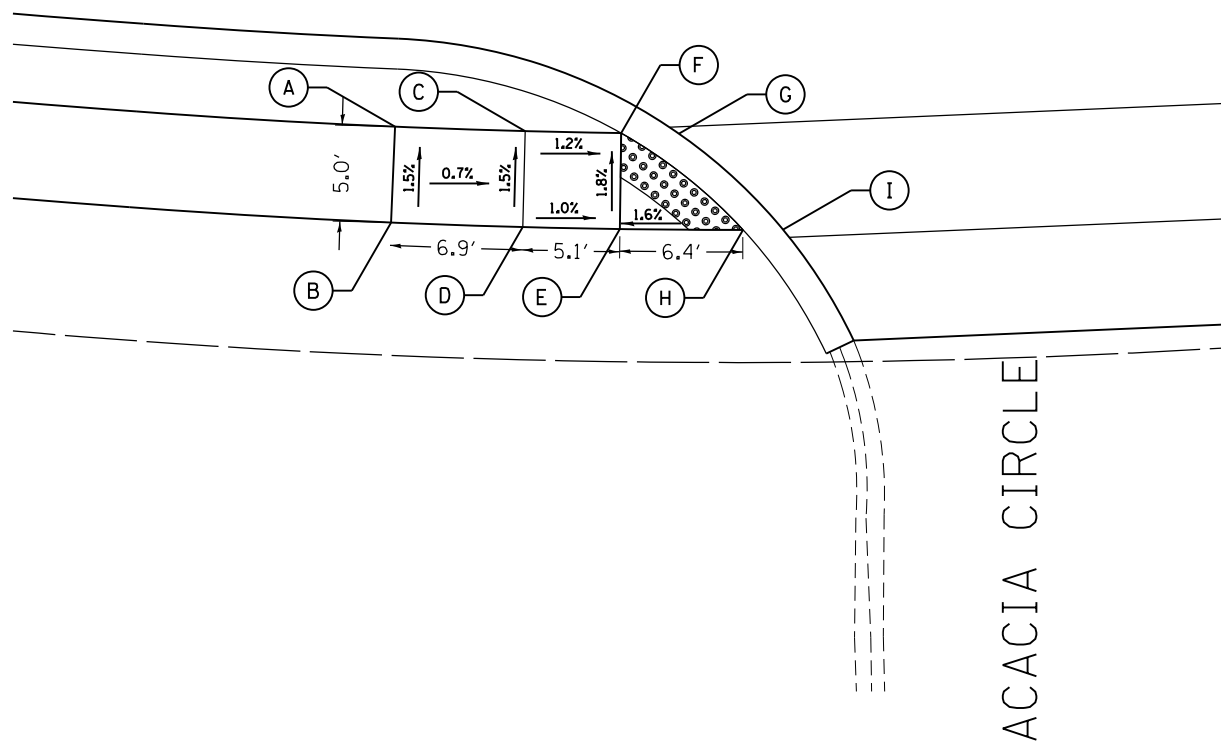
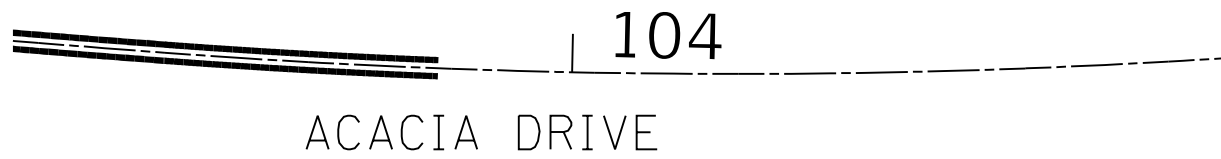






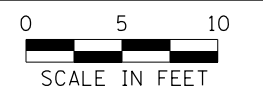


	STATION	OFFSET	ELEVATION
A	103+91.60	19.58	702.03
B	103+91.60	24.58	702.10
C	103+98.07	19.58	701.98
D	103+98.07	24.58	702.05
E	104+02.83	24.58	702.03
F	104+02.83	19.58	701.94
G	104+05.71	19.58	701.92
H	104+08.88	24.58	702.13
I	104+10.85	24.58	702.14



ACACIA DRIVE

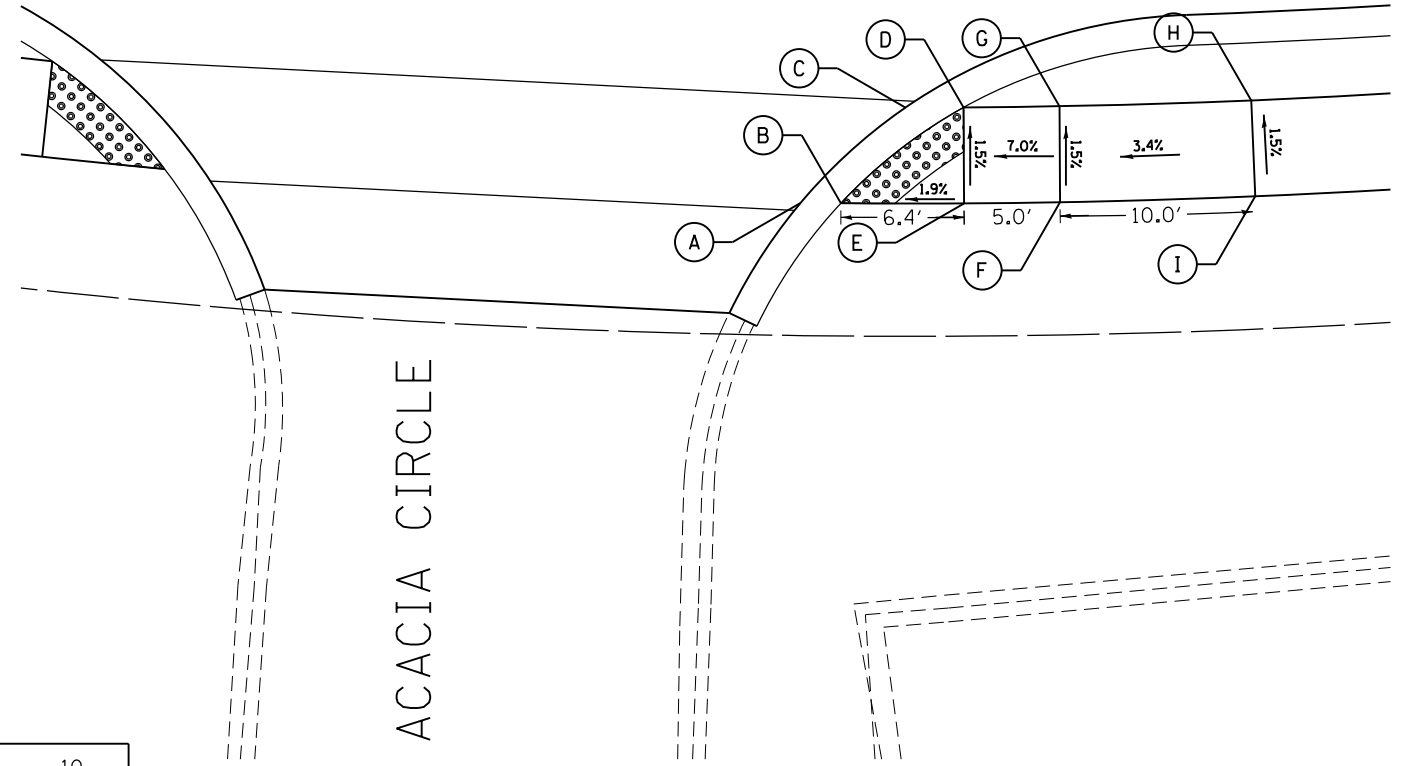
ACACIA CIRCLE



LEGEND			
	PROPOSED SIDE CURB		DETECTABLE WARNINGS



	STATION	OFFSET	ELEVATION
A	104+40.14	24.58	702.90
B	104+42.11	24.58	702.90
C	104+45.28	19.58	702.94
D	104+48.15	19.58	702.94
E	104+48.15	24.58	703.02
F	104+52.86	24.58	703.37
G	104+52.92	19.58	703.29
H	104+62.52	19.58	703.63
I	104+62.52	24.58	703.71



ACACIA DRIVE

ACACIA CIRCLE

MODEL: D:\64\11  
FILE NAME: S:\011300-13091135\021\Drawings\CADD\Misc\SSA\CADD\_SHEETS\0112345-shr-ADA\_10\000.dgn

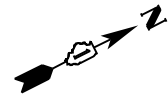


USER NAME = RaymondP	DESIGNED - MIG	REVISED -
DRAWN - DJW	REVISIONS -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

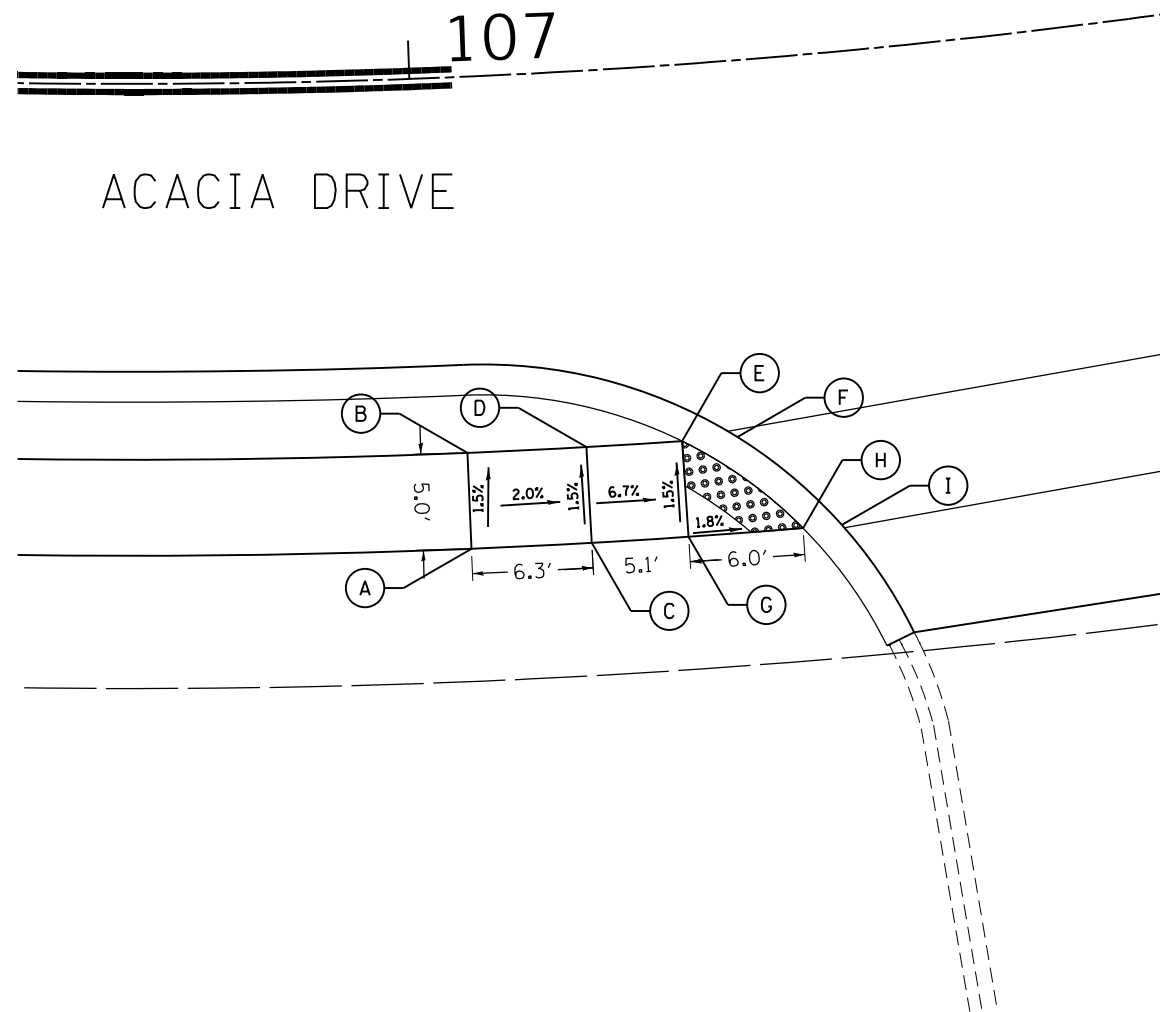
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN	
ACACIA DRIVE - STA 103+75.00 TO STA 104+75.00	
SCALE: 1" = 5'	SHEET 2 OF 10 SHEETS
STA. 103+75.00	TO STA. 104+75.00

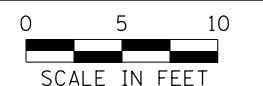
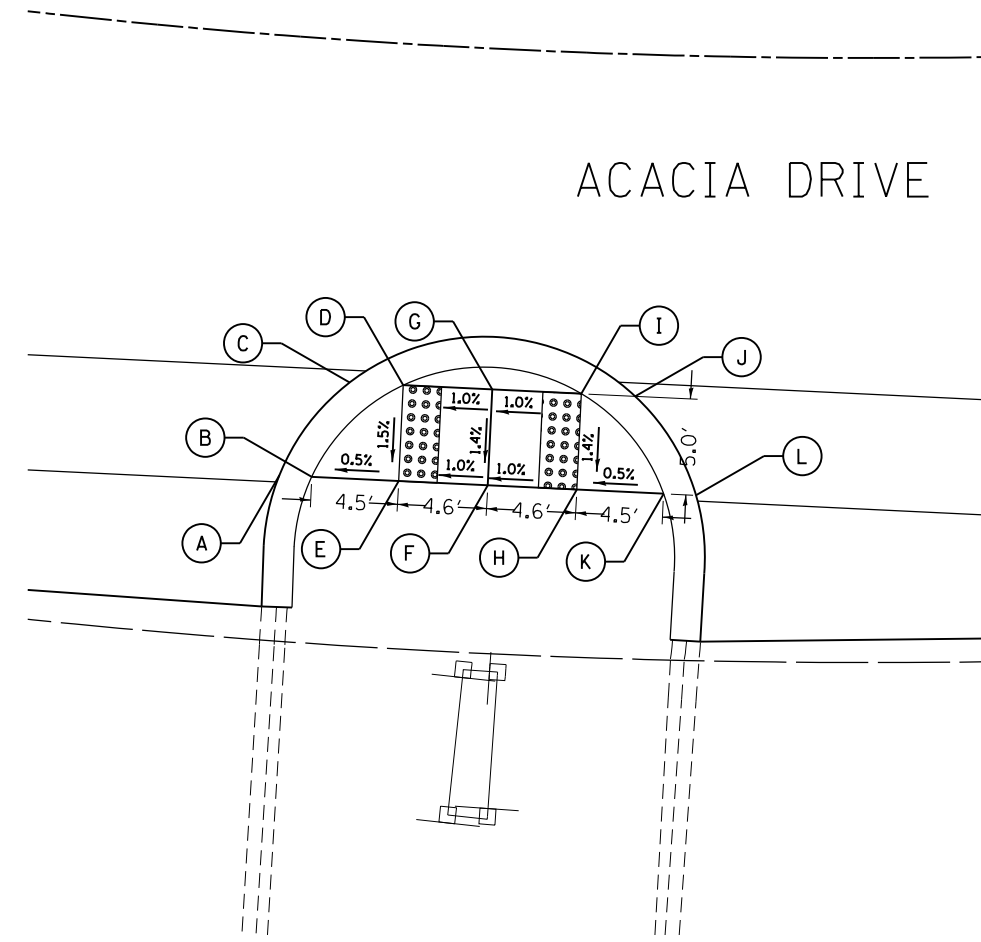
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	50
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	107+02.21	24.58	705.61
B	107+02.21	19.58	705.54
C	107+08.12	24.58	705.48
D	107+08.12	19.58	705.41
E	107+12.89	19.58	705.07
F	107+15.64	19.58	705.07
G	107+12.89	24.58	705.14
H	107+18.52	24.58	705.03
I	107+20.42	24.58	705.03



	STATION	OFFSET	ELEVATION
A	107+45.67	22.87	705.22
B	107+47.27	22.83	705.22
C	107+48.82	17.80	705.31
D	107+51.50	17.76	705.31
E	107+51.55	22.76	705.24
F	107+55.95	22.74	705.28
G	107+55.95	17.74	705.35
H	107+60.34	22.77	705.33
I	107+60.40	17.77	705.40
J	107+63.08	17.81	705.40
K	107+64.63	22.84	705.35
L	107+66.23	22.88	705.35



**LEGEND**

<p>PROPOSED SIDE CURB</p>	<p>DETECTABLE WARNINGS</p>
---------------------------	----------------------------

MODEL: D:\6191...  
 FILE NAME: S:\011300-13001130021\Drawings\CADD\Micro-SSA\CADD\_SHEETS\0112345-shr-ADA\_10700.dgn



USER NAME = RaymondP	DESIGNED - MIG	REVISED -	
DRAWN - DJW	DESIGNED - DJW	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - MAG	REVISED -	
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

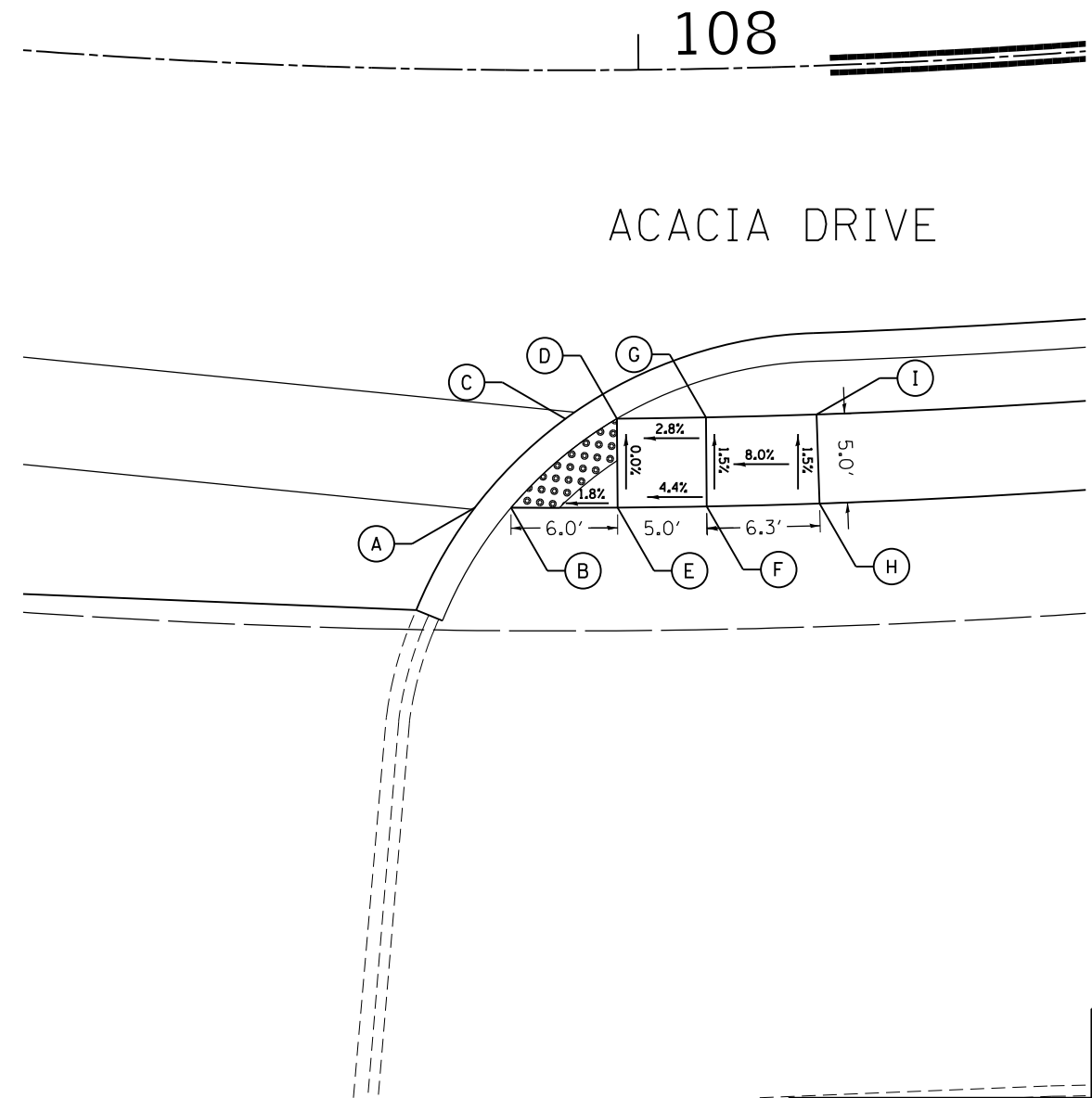
**SIDEWALK DETAIL PLAN  
ACACIA DRIVE - STA 107+00.00 TO STA 107+75.00**

SCALE: 1" = 5'    SHEET 3 OF 10 SHEETS    STA. 107+00.00 TO STA. 107+75.00

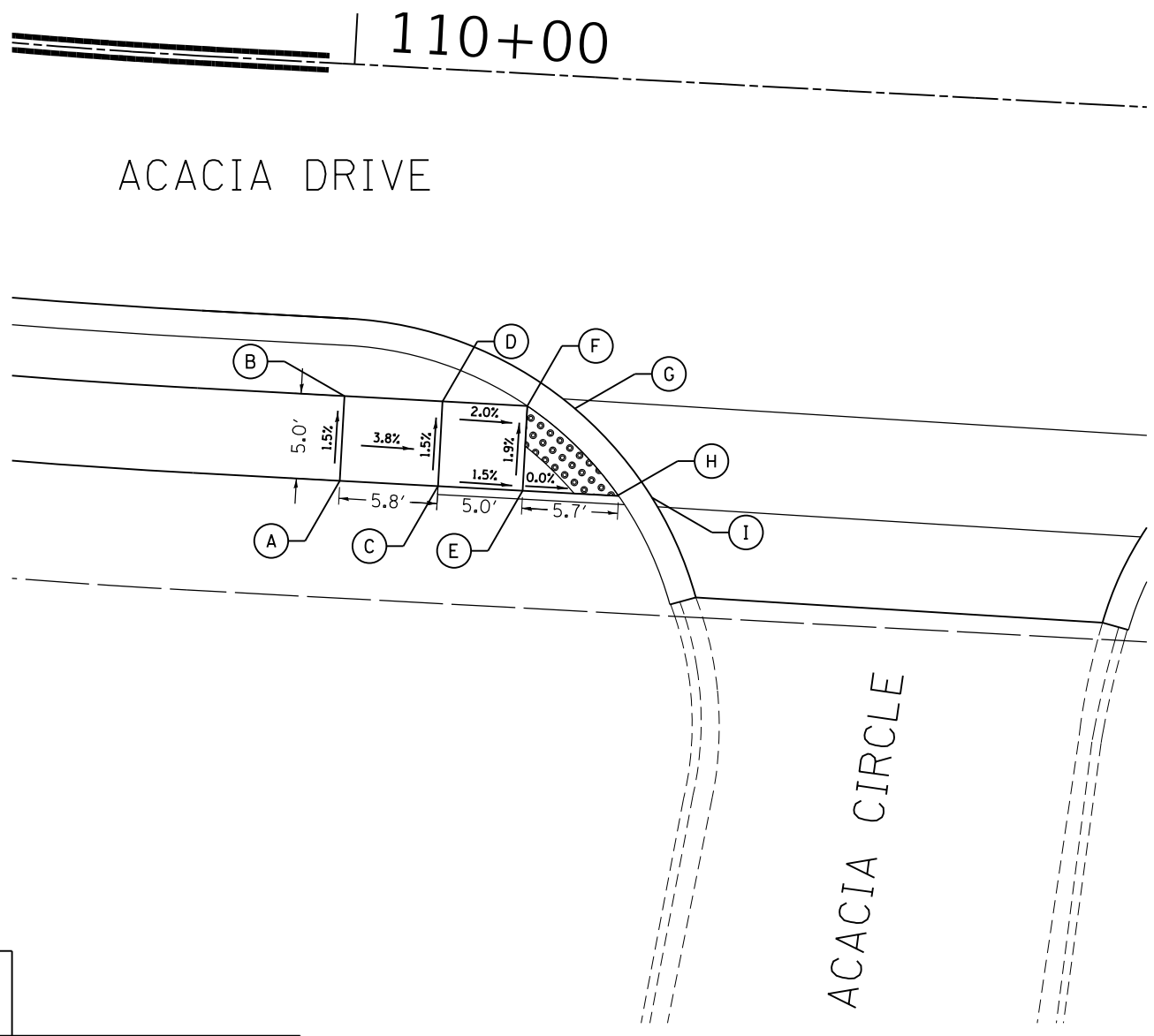
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	51
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	107+91.10	24.58	705.48
B	107+93.01	24.58	705.48
C	107+95.89	19.58	705.59
D	107+98.65	19.58	705.59
E	107+98.65	24.58	705.59
F	108+03.37	24.58	705.81
G	108+03.42	19.58	705.73
H	108+09.35	24.58	706.31
I	108+09.35	19.58	706.23



	STATION	OFFSET	ELEVATION
A	110+00.46	24.58	707.55
B	110+00.46	19.58	707.47
C	110+06.26	24.58	707.33
D	110+06.26	19.58	707.25
E	110+11.26	24.58	707.25
F	110+11.26	19.58	707.15
G	110+14.07	19.58	707.15
H	110+16.92	24.58	707.25
I	110+18.89	24.58	707.25



**LEGEND**

PROPOSED SIDE CURB
 DETECTABLE WARNINGS

MODEL D:\64\11 STRAND ASSOCIATES\118000\118000.dwg  
 FILE NAME: S:\118000\118000\118000.dwg  
 SHEETS\118000\118000.dwg

1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MJG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

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

**SIDEWALK DETAIL PLAN**  
**ACACIA DRIVE - STA. 107+75.00 TO STA. 110+25.00**

SCALE: 1" = 5'    SHEET 4 OF 10 SHEETS    STA. 107+75.00 TO STA. 110+25.00

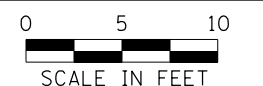
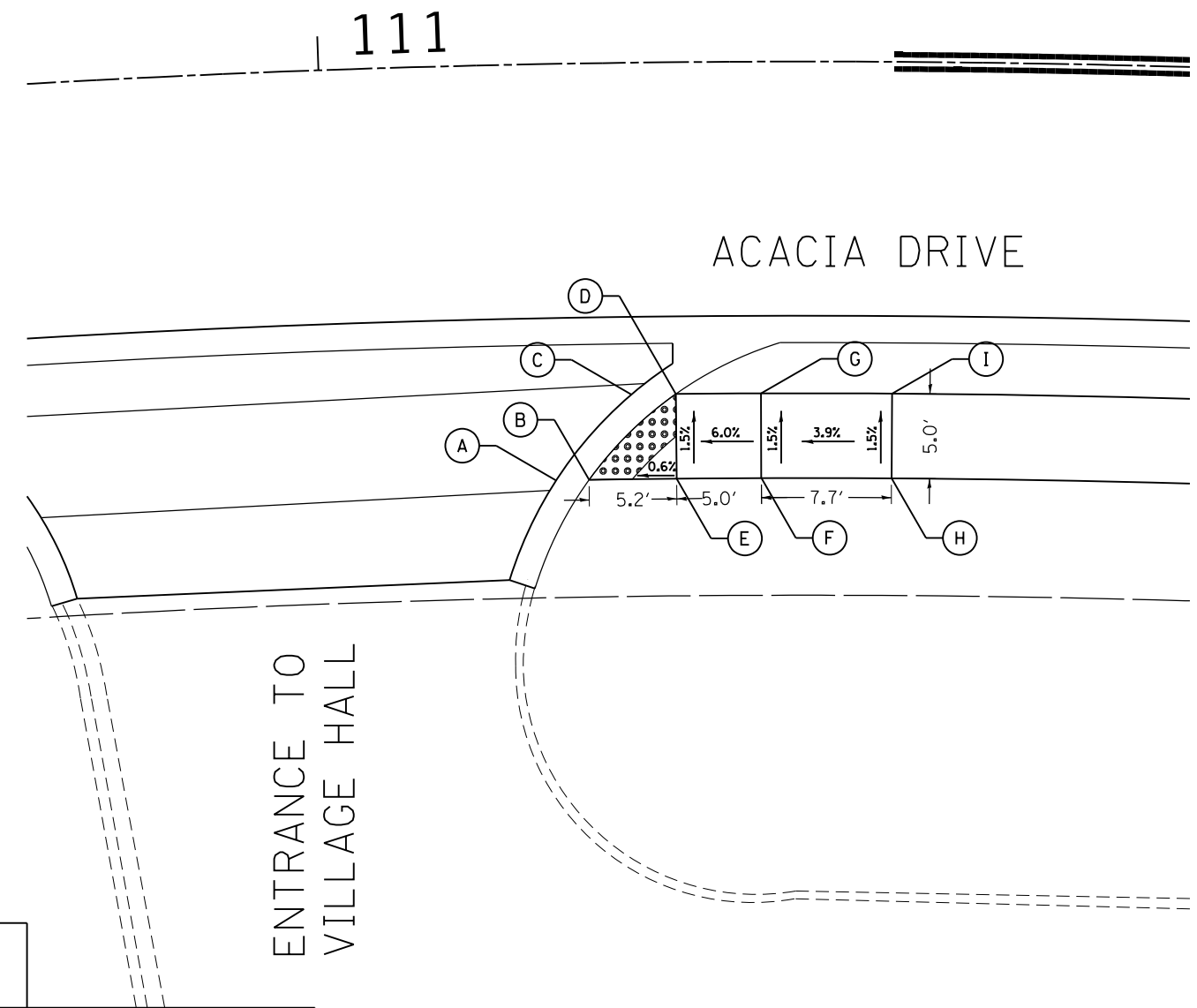
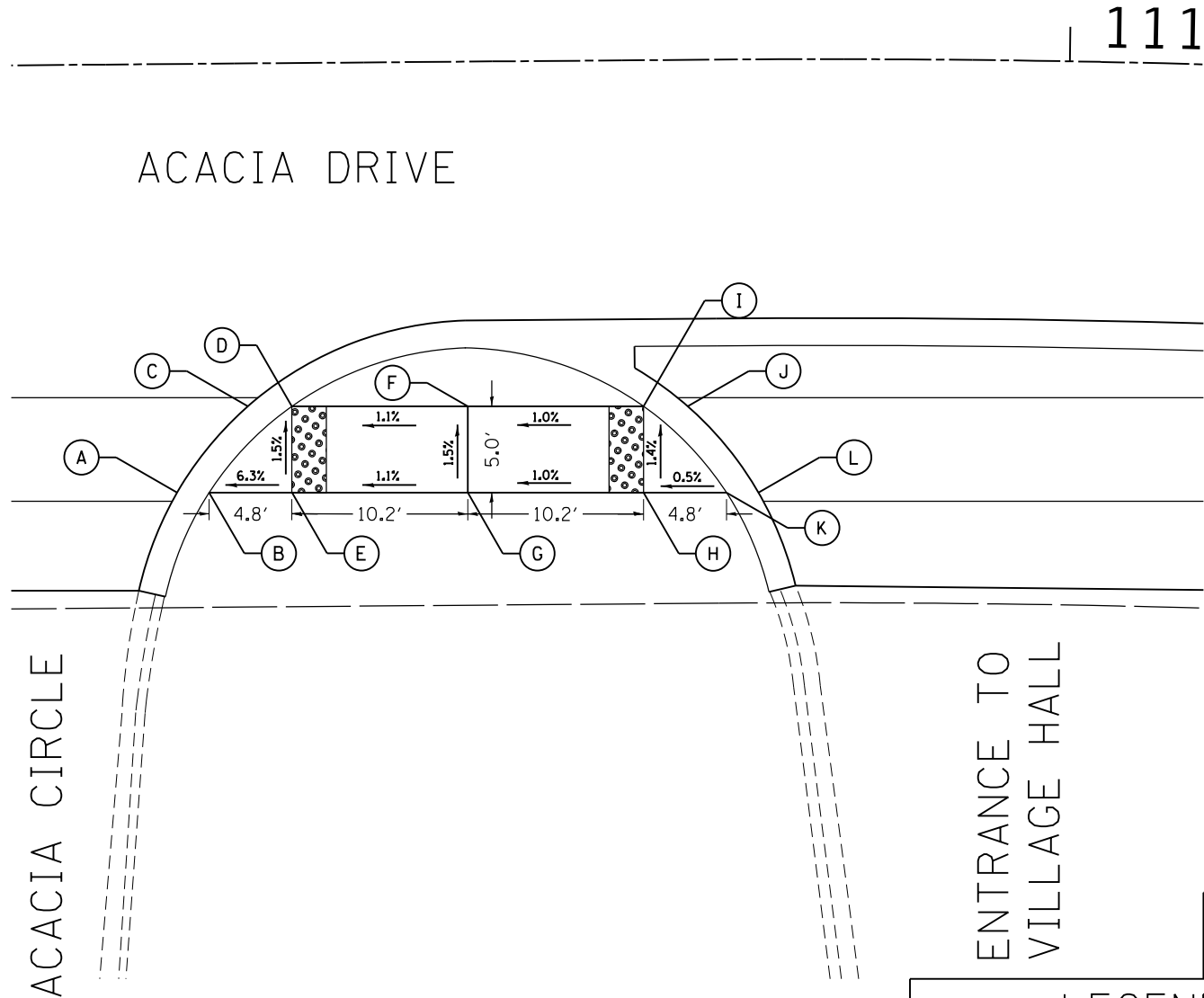
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	52
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	110+48.08	24.84	707.44
B	110+49.93	24.85	707.44
C	110+52.22	19.87	707.39
D	110+54.77	19.89	707.39
E	110+54.73	24.89	707.47
F	110+64.96	19.97	707.50
G	110+64.92	24.97	707.58
H	110+75.10	25.06	707.67
I	110+75.14	20.06	707.60
J	110+77.70	20.08	707.60
K	110+79.92	25.09	707.69
L	110+81.84	25.11	707.69



	STATION	OFFSET	ELEVATION
A	111+13.57	24.58	707.88
B	111+15.57	24.58	707.88
C	111+18.22	19.58	707.83
D	111+20.90	19.58	707.83
E	111+20.90	24.58	707.91
F	111+26.06	24.58	708.21
G	111+26.06	19.58	708.13
H	111+33.99	24.58	708.51
I	111+33.99	19.58	708.43



**LEGEND**

PROPOSED SIDE CURB	DETECTABLE WARNINGS
--------------------	---------------------

MODEL Dwg.rvt  
 FILE NAME: S:\111300-1399113202\Drawings\CADD\Micro-SSA\CADD\_SHEETS\0112345-sht-ADA\_11100.dgn

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISED -	
DRAWN - DJW	REVISIONS -		
PLOT SCALE = 10.0000' / in.	CHECKED - MAG	REVISIONS -	
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISIONS -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
ACACIA DRIVE - STA 110+75.00 TO STA 111+50.00**

SCALE: 1" = 5'    SHEET 5 OF 10 SHEETS    STA. 110+75.00 TO STA. 111+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	53
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				

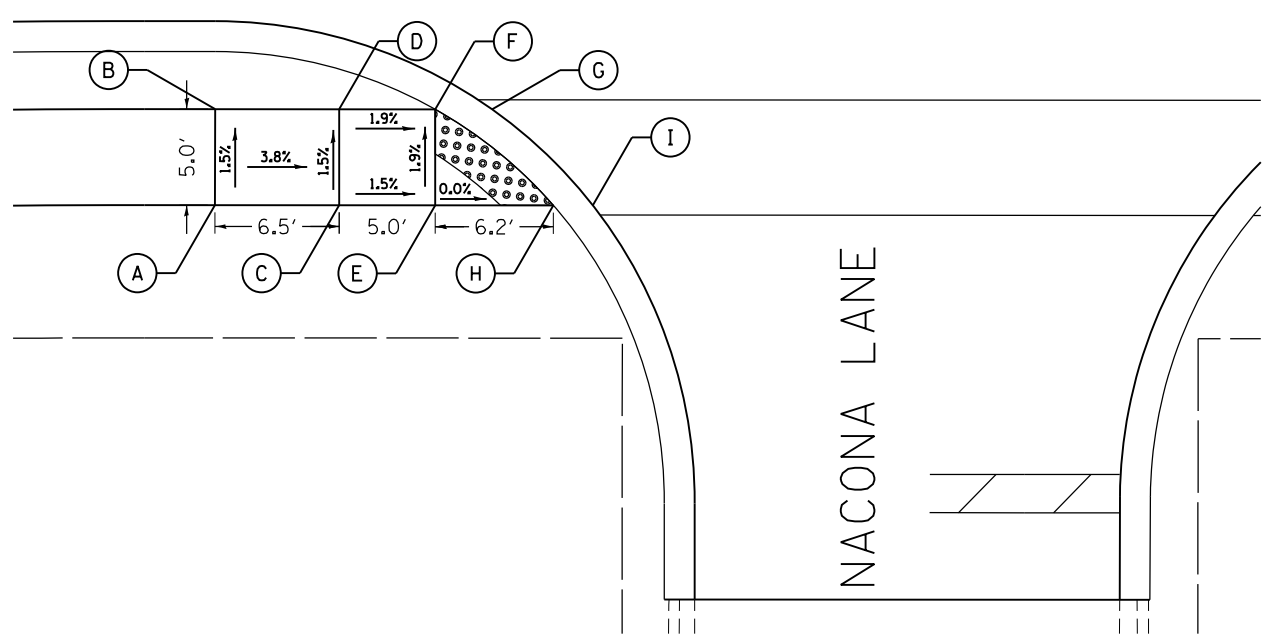




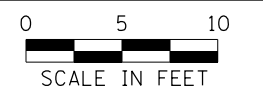
	STATION	OFFSET	ELEVATION
A	114+53.78	24.58	710.07
B	114+53.78	19.58	710.00
C	114+60.25	24.58	709.83
D	114+60.25	19.58	709.75
E	114+65.25	24.58	709.75
F	114+65.25	19.58	709.64
G	114+68.21	19.58	709.65
H	114+71.41	24.58	709.75
I	114+73.46	24.58	709.75

115

ACACIA DRIVE



NACONA LANE



LEGEND

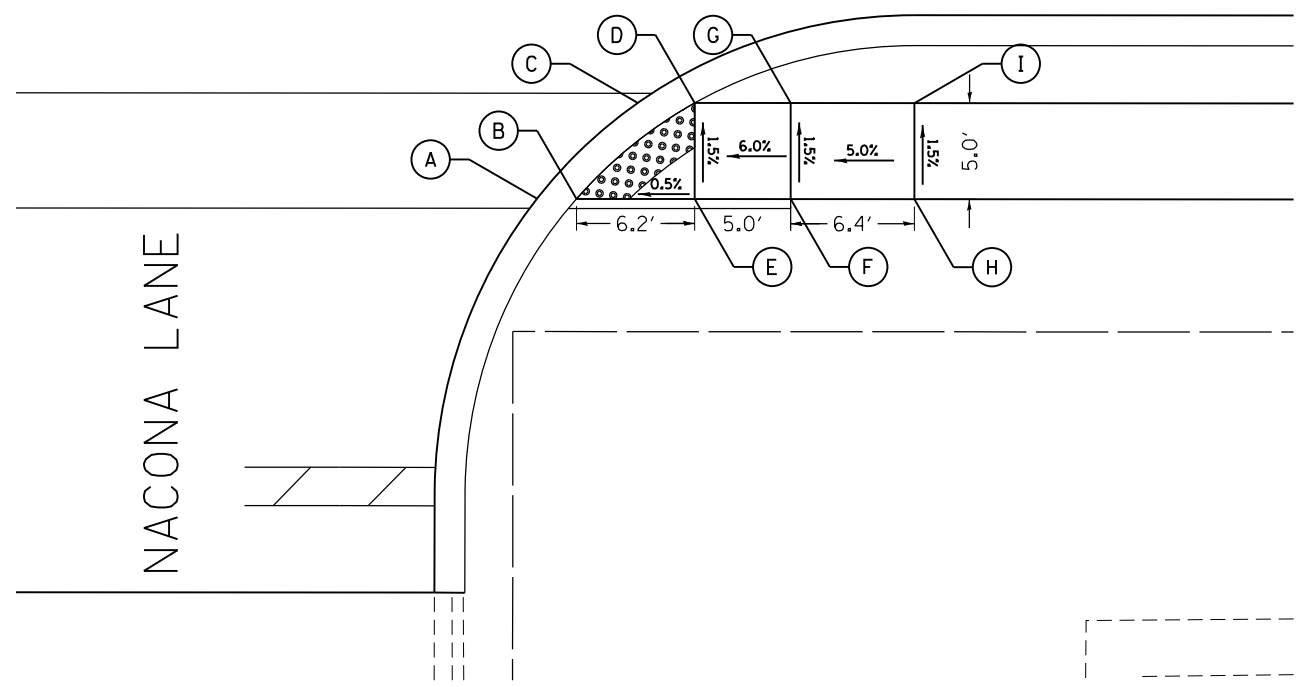
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS



	STATION	OFFSET	ELEVATION
A	115+06.25	24.58	709.92
B	115+08.30	24.58	709.92
C	115+11.50	19.58	709.87
D	115+14.46	19.58	709.87
E	115+14.46	24.58	709.95
F	115+19.46	24.58	710.25
G	115+19.46	19.58	710.17
H	115+25.91	24.58	710.57
I	115+25.91	19.58	710.49

115+00

ACACIA DRIVE



NACONA LANE

MODEL: D:\64bit... FILE NAME: S:\011300-13001335\021\Drawings\CADD\Micro-SSACADD\_SHEETS\0112345-shr-ADA\_11500.dgn



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SIDWALK DETAIL PLAN ACACIA DRIVE - STA 114+50.00 TO STA 115+25.00

SCALE: 1" = 5' SHEET 7 OF 10 SHEETS STA. 114+50.00 TO STA. 115+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	55
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



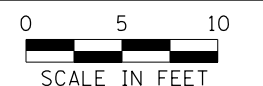
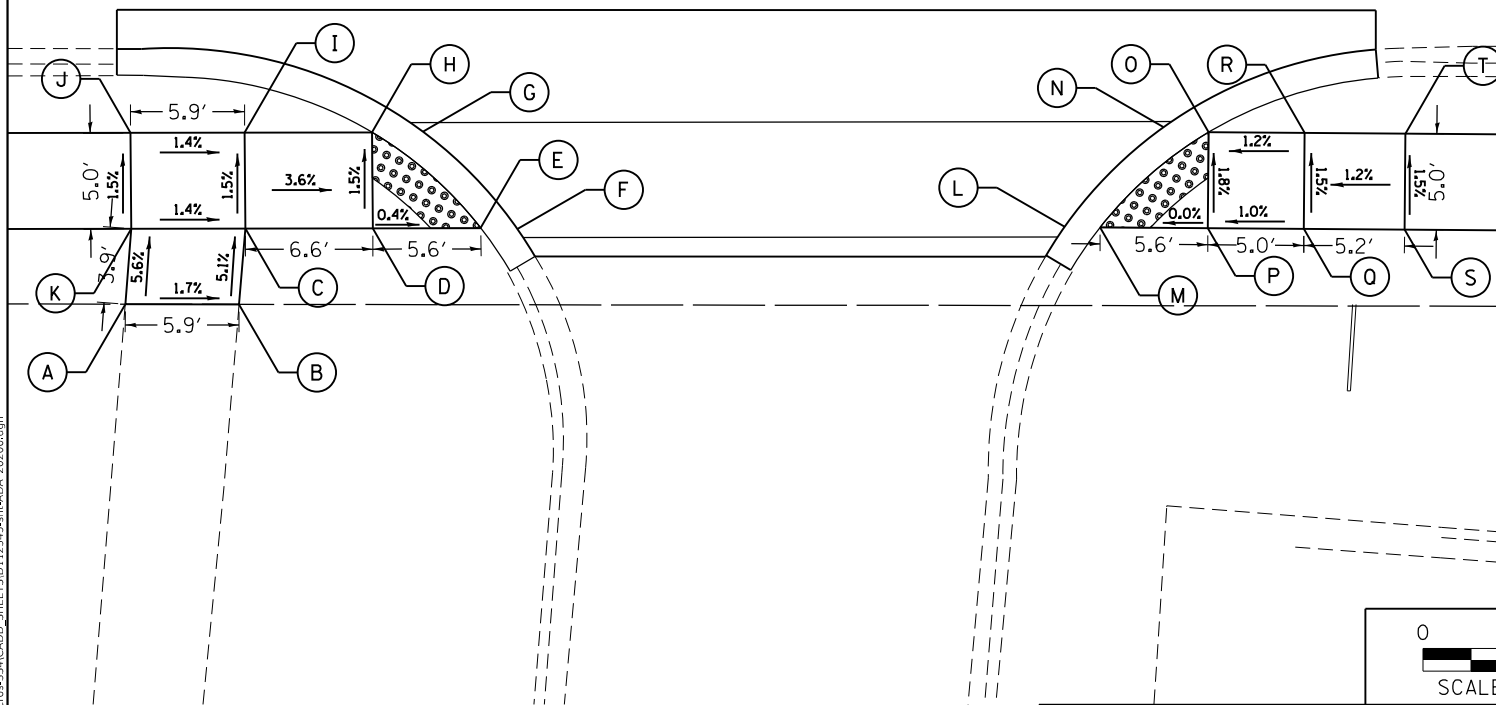




	STATION	OFFSET	ELEVATION
A	201+80.40	30.00	712.50
B	201+86.33	30.00	712.40
C	201+86.66	26.05	712.20
D	201+93.30	26.03	711.96
E	201+98.93	26.01	711.94
F	202+00.75	25.94	711.94
G	201+95.75	20.88	711.88
H	201+93.26	21.03	711.88
I	201+86.61	21.05	712.12
J	201+80.66	21.07	712.20
K	201+80.71	26.07	712.28
L	202+29.33	25.91	712.06
M	202+31.19	25.92	712.06
N	202+34.35	20.80	711.97
O	202+36.83	20.95	711.97
P	202+36.80	25.95	712.06
Q	202+41.80	25.98	712.11
R	202+41.83	20.98	712.03
S	202+47.05	26.01	712.05
T	202+47.08	21.01	711.97

202

CASCADE DRIVE



**LEGEND**

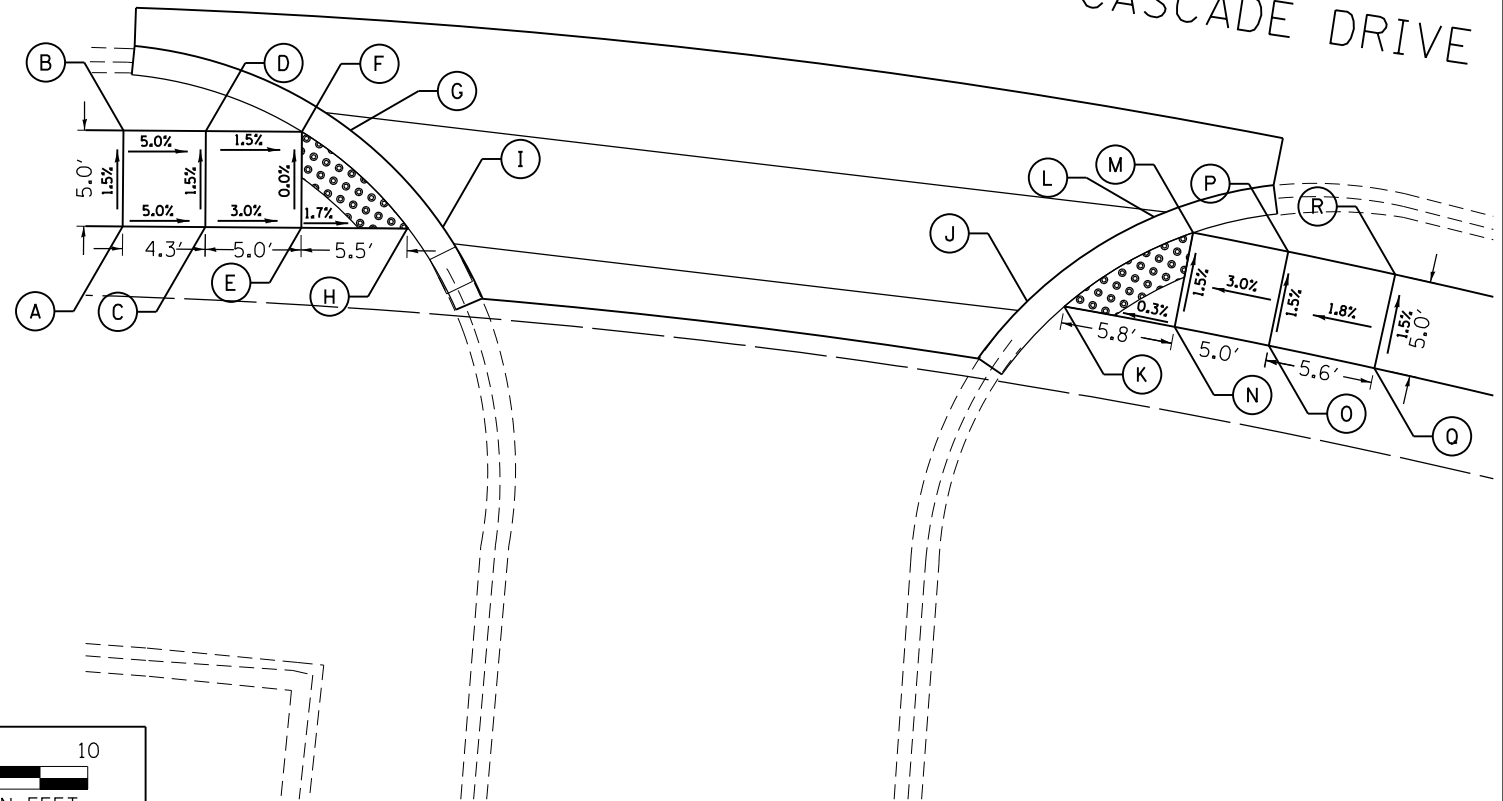
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS



	STATION	OFFSET	ELEVATION
A	203+42.00	26.36	711.64
B	203+41.86	21.36	711.57
C	203+46.61	26.22	711.42
D	203+46.40	21.22	711.35
E	203+51.95	25.99	711.27
F	203+51.68	21.00	711.27
G	203+54.48	20.85	711.27
H	203+57.91	25.66	711.18
I	203+59.89	25.53	711.18
J	203+92.67	25.58	711.31
K	203+94.69	25.60	711.31
L	203+98.09	20.63	711.25
M	204+01.00	20.65	711.25
N	204+00.94	25.65	711.33
O	204+06.28	25.69	711.48
P	204+06.33	20.69	711.40
Q	204+12.29	25.74	711.58
R	204+12.33	20.74	711.50

204

CASCADE DRIVE



MODEL: D:\4641...  
 FILE NAME: S:\011300-13001335\021\Drawings\CADD\Misc\SSA\CADD\_SHEETS\0112345-sht-ADA\_202000.dgn



USER NAME = RaymondP	DESIGNED - MIG	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - MAG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDWALK DETAIL PLAN  
CASCADE DRIVE - STA 201+75.00 TO STA 204+25.00**

SCALE: 1" = 5' SHEET 10 OF 10 SHEETS STA. 201+75.00 TO STA. 204+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	58
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				























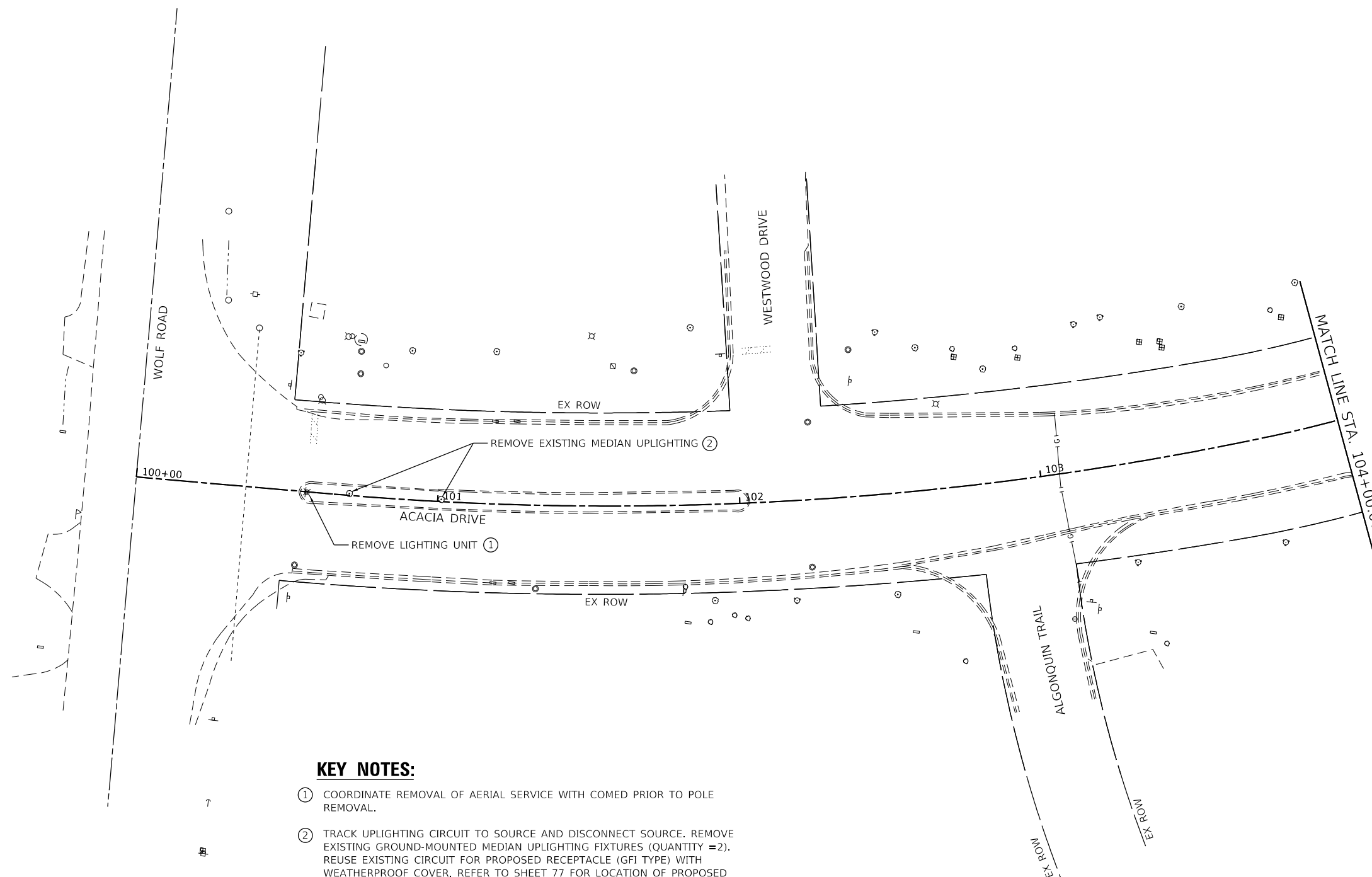
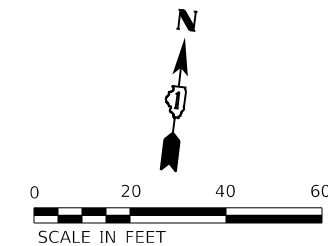












**KEY NOTES:**

- ① COORDINATE REMOVAL OF AERIAL SERVICE WITH COMED PRIOR TO POLE REMOVAL.
- ② TRACK UPLIGHTING CIRCUIT TO SOURCE AND DISCONNECT SOURCE. REMOVE EXISTING GROUND-MOUNTED MEDIAN UPLIGHTING FIXTURES (QUANTITY =2). REUSE EXISTING CIRCUIT FOR PROPOSED RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER. REFER TO SHEET 77 FOR LOCATION OF PROPOSED RECEPTACLE. PROTECT EXISTING CONDUIT NOT AFFECTED BY CONSTRUCTION FOR POTENTIAL REUSE AND EXTENSION AS NECESSARY FOR PROPOSED RECEPTACLE. REMOVAL OF MEDIAN UPLIGHTING SHALL BE INCLUDED WITH THE PAY ITEM FOR RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER.

MODEL: D:\m\p\1716\18-00013-00-139911325\021\Drawings\CADD\Micros-SSA\CADD\_SHEETS\12345-SH-LIGHT\_REMOVE.dwg  
 FILE NAME: S:\Q\11300-139911325\021\Drawings\CADD\Micros-SSA\CADD\_SHEETS\12345-SH-LIGHT\_REMOVE.dwg


 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MIG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

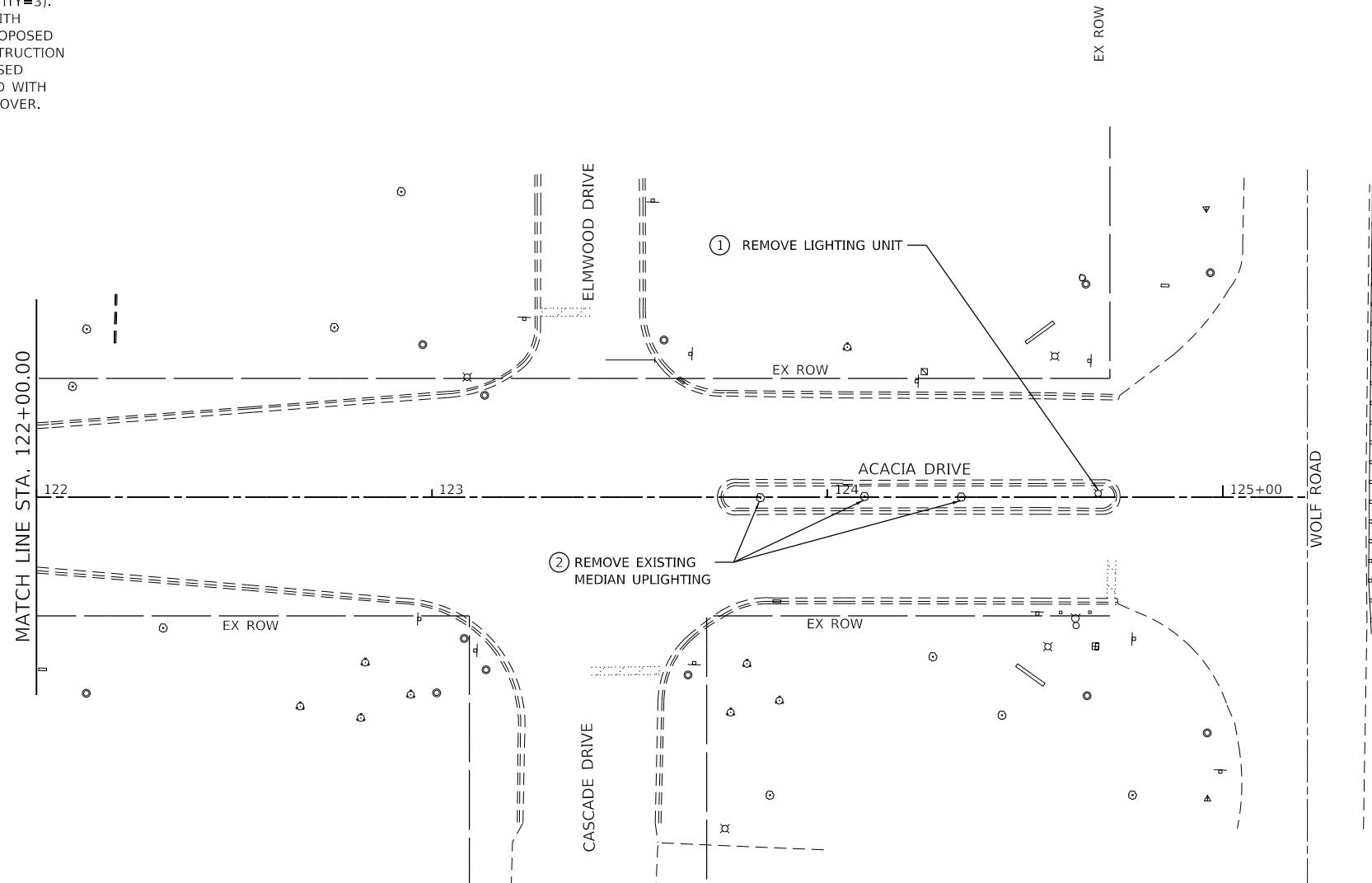
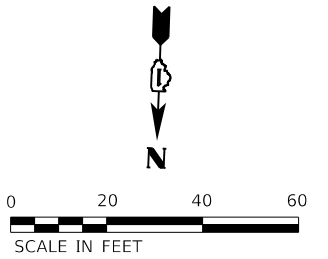
**LIGHTING REMOVAL PLAN**  
**ACACIA DRIVE**

SCALE: 1" = 20'    SHEET 1 OF 2 SHEETS    STA. 100+00.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	73
CONTRACT NO. 61G92				
ILLINOIS		FED. AID PROJECT		

**KEY NOTES:**

- ① COORDINATE REMOVAL OF AERIAL SERVICE WITH COMED PRIOR TO POLE REMOVAL.
- ② TRACK UPLIGHTING CIRCUIT TO SOURCE AND DISCONNECT SOURCE. REMOVE EXISTING GROUND-MOUNTED MEDIAN UPLIGHTING FIXTURES (QUANTITY=3). REUSE EXISTING CIRCUIT FOR PROPOSED RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER. REFER TO SHEET 79 FOR LOCATION OF PROPOSED RECEPTACLE. PROTECT EXISTING CONDUIT NOT AFFECTED BY CONSTRUCTION FOR POTENTIAL REUSE AND EXTENSION AS NECESSARY FOR PROPOSED RECEPTACLE. REMOVAL OF MEDIAN UPLIGHTING SHALL BE INCLUDED WITH THE PAY ITEM FOR RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER.



MODEL: D:\64\p...  
 FILE NAME: S:\011300-13001325\021\Drawings\CADD\Misc\SSA\CADD\_SHEETS\0112345-SH-LIGHT\_REMOVE.dwg


 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 ASSOCIATES

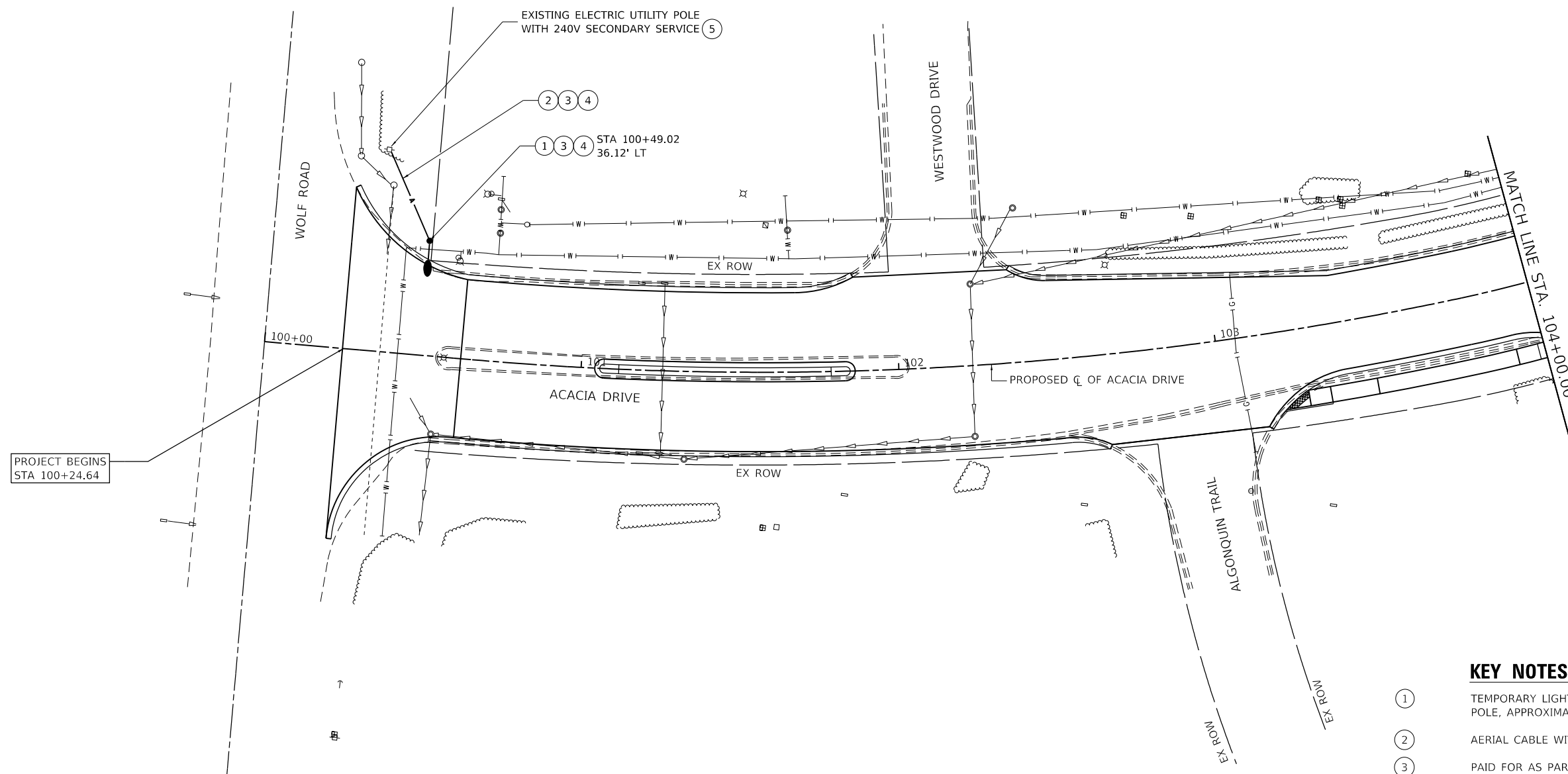
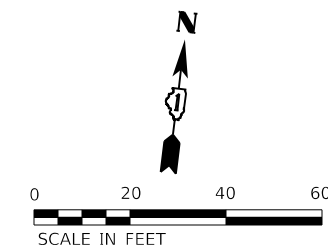
USER NAME = RaymondP	DESIGNED - MJG	REVISED -
DRAWN - DJW	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

**LIGHTING REMOVAL PLAN**  
**ACACIA DRIVE**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 122+00.00 TO STA. 125+24.83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	74
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



**KEY NOTES:**

- ① TEMPORARY LIGHT POLE, 30 FT M.H., 12 FT MAST ARM, CLASS 3 WOOD POLE, APPROXIMATELY 130 WATT LED, TYPE 3 DISTRIBUTION.
- ② AERIAL CABLE WITH MESSENGER WIRE, 2 - #10 WITH #12 GROUND.
- ③ PAID FOR AS PART OF PAY ITEM TEMPORARY LIGHTING SYSTEM (X8410102).
- ④ TEMPORARY LIGHTING SYSTEM SHALL BE INSTALLED PRIOR TO REMOVAL OF EXISTING LIGHTING UNIT.
- ⑤ COORDINATE TEMPORARY ELECTRIC SERVICE WITH COMED.

MODEL: D:\64bit...  
 FILE NAME: S:\011300-13001335\021\Drawings\CADD\Misc\SSA\CADD\_SHEETS\0112345-shr-TEMP-LIGHT-ACACIA-I.dgn


 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

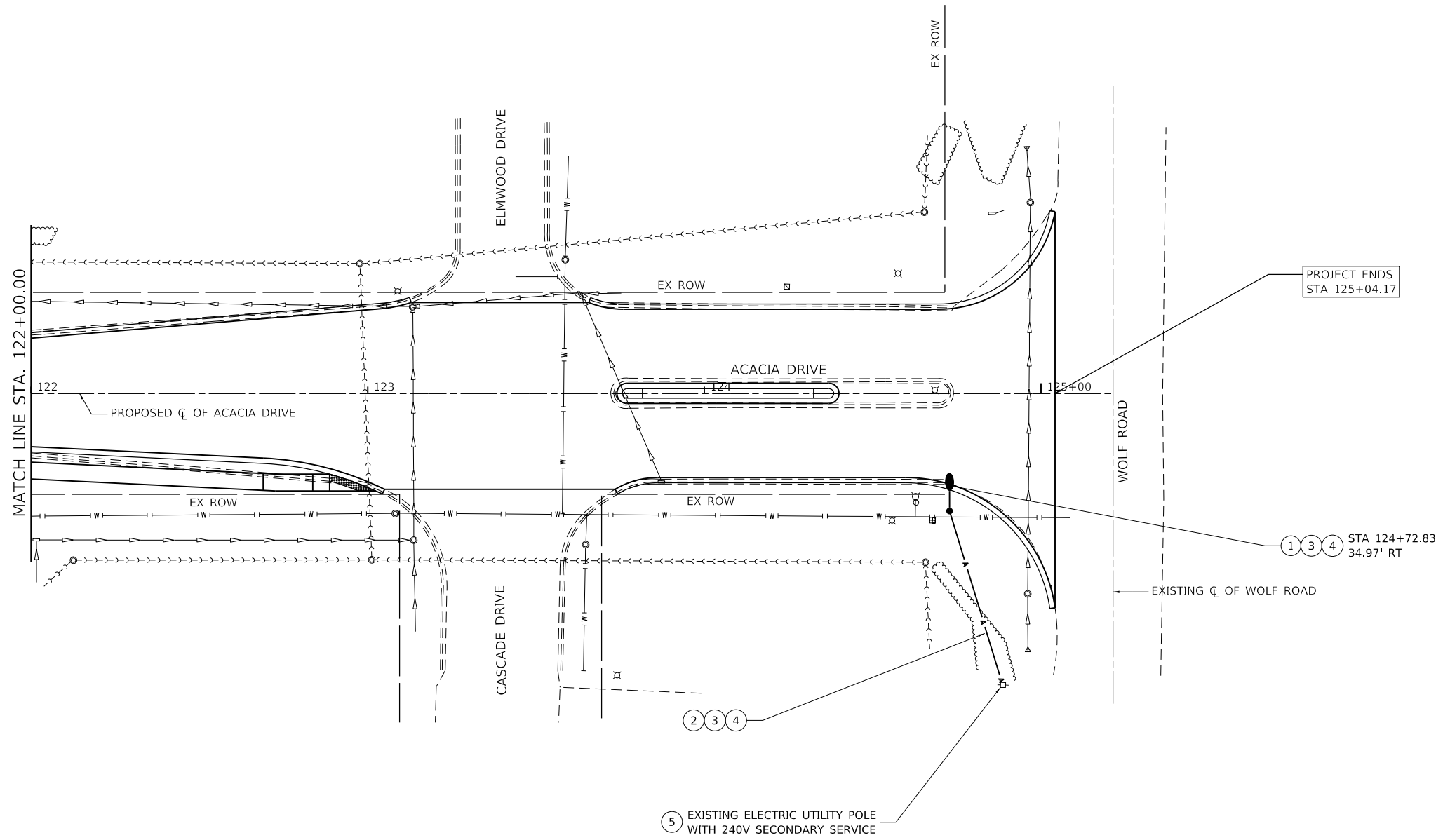
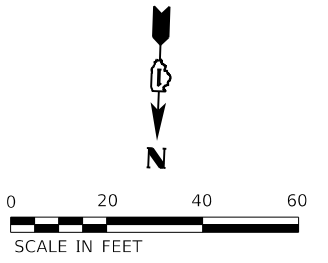
USER NAME = RaymondP	DESIGNED - MJG	REVISED -
DRAWN - DJW	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

**TEMPORARY LIGHTING PLAN**  
**ACACIA DRIVE**

SCALE: 1" = 20'    SHEET 1 OF 2 SHEETS    STA. 100+00.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	75
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				



**KEY NOTES:**

- ① TEMPORARY LIGHT POLE, 30 FT M.H., 12 FT MAST ARM, CLASS 3 WOOD POLE, APPROXIMATELY 130 WATT LED, TYPE 3 DISTRIBUTION.
- ② AERIAL CABLE WITH MESSENGER WIRE, 2 - #10 WITH #12 GROUND.
- ③ PAID FOR AS PART OF PAY ITEM TEMPORARY LIGHTING SYSTEM (X8410102).
- ④ TEMPORARY LIGHTING SYSTEM SHALL BE INSTALLED PRIOR TO REMOVAL OF EXISTING LIGHTING UNIT.
- ⑤ COORDINATE TEMPORARY ELECTRIC SERVICE WITH COMED.

MODEL: D:\64bit...  
 FILE NAME: S:\011300-130911325021\Drawings\CADD\Misc\SSA\CADD\_SHEETS\0112345-shr-TEMP-LIGHT-ACAD-b2.dwg  
 STRAND ASSOCIATES\*

**SA**  
**STRAND ASSOCIATES\***  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

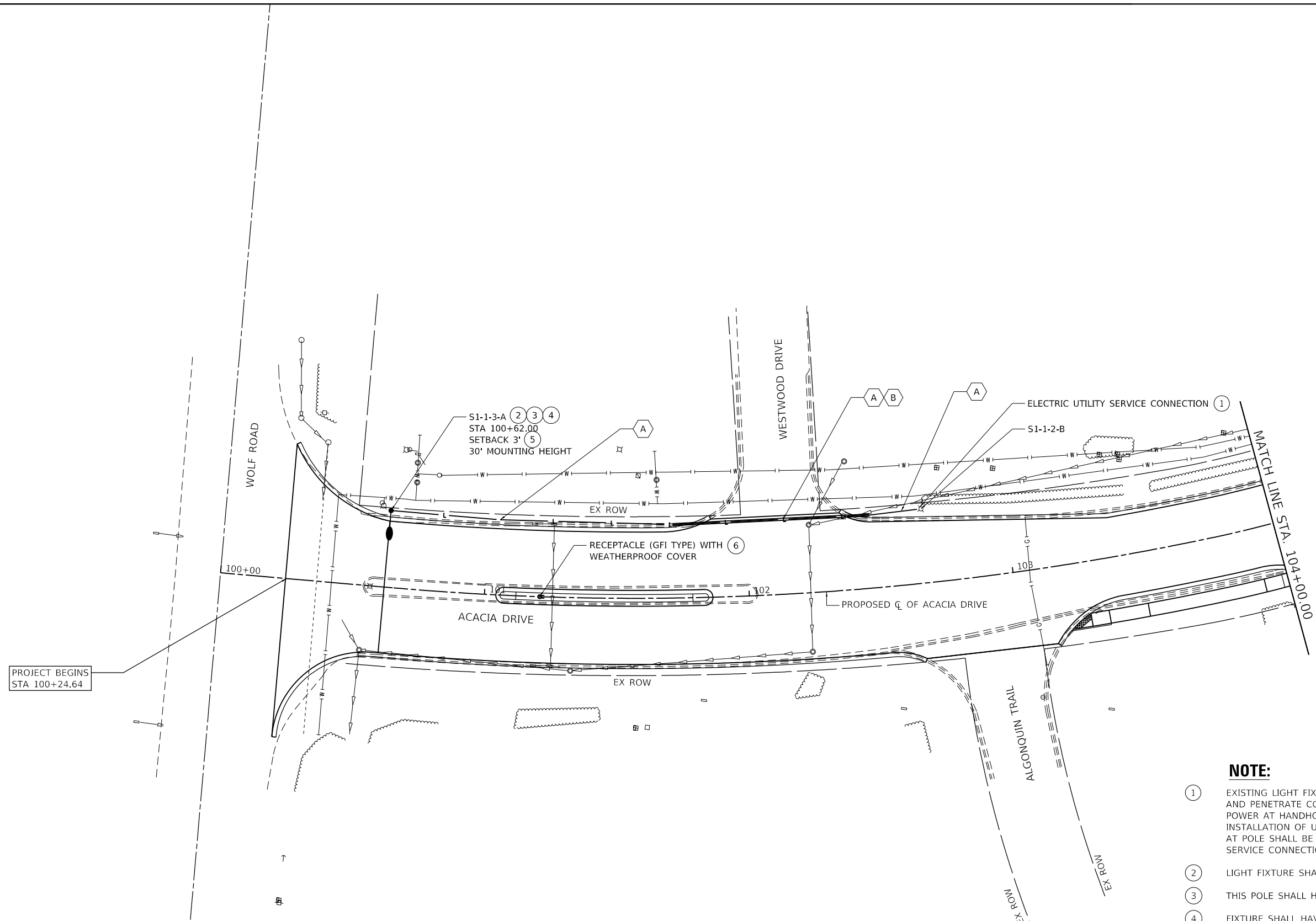
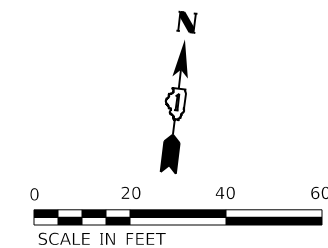
USER NAME = RaymondP	DESIGNED - MIG	REVISED -
DRAWN - DJW	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

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

**TEMPORARY LIGHTING PLAN**  
**ACACIA DRIVE**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 122+00.00 TO STA. 125+04.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	76
CONTRACT NO. 61G92				
ILLINOIS		FED. AID PROJECT		



PROJECT BEGINS  
STA 100+24.64

- NOTE:**
- ① EXISTING LIGHT FIXTURE ON CONCRETE POLE. EXPOSE POLE BELOW GRADE AND PENETRATE CONCRETE POLE WITH UNIT DUCT FOR CONNECTION OF POWER AT HANDHOLE TO SUPPLY LIGHTING FIXTURE S1-1-15-A. INSTALLATION OF UNIT DUCT AT POLE AND CONNECTION OF CONDUCTORS AT POLE SHALL BE INCLUDED IN THE COST OF THE ELECTRIC UTILITY SERVICE CONNECTION PAY ITEM.
  - ② LIGHT FIXTURE SHALL BE CONNECTED BY PHOTOCELL ON FIXTURE.
  - ③ THIS POLE SHALL HAVE A FRANGIBLE BASE.
  - ④ FIXTURE SHALL HAVE TYPE III OPTICS AND POLE SHALL HAVE 8' DAVIT ARM.
  - ⑤ SETBACK SHALL BE FROM FACE OF CURB.
  - ⑥ REUSE EXISTING CIRCUIT AS NOTED ON SHEET 73 FOR PROPOSED RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER. REPLACE EXISTING CIRCUIT CONDUIT AND WIRING FROM SOURCE TO PROPOSED RECEPTACLE. EXISTING CONDUIT NOT AFFECTED BY CONSTRUCTION MAY BE REUSED AND EXTENDED AS NECESSARY. CONDUITS UNDER ROADWAYS AND SIDEWALKS SHALL BE RIGID GALVANIZED STEEL. NEW CONDUIT AND WIRING ASSOCIATED WITH THE PROPOSED RECEPTACLE SHALL BE INCLUDED WITH THE PAY ITEM FOR RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER.

- LEGEND**
- A UNIT DUCT, 600V, 2-1/C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA POLYETHYLENE. (81603010)
  - B UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA (81028190)

MODEL: D:\64bit...  
 FILE NAME: S:\011300-1399\1399\02\10\Drawings\CADD\Misc\SSA\CADD\_SHEETS\011399-SSA-CHG-1-01.dwg



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

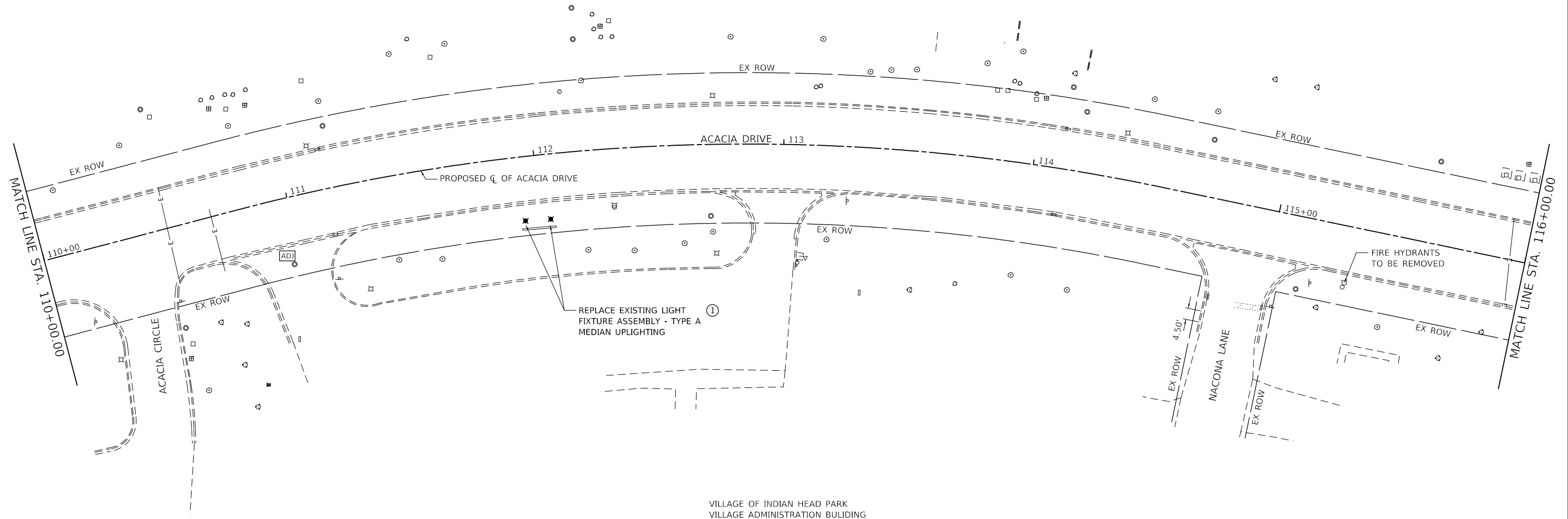
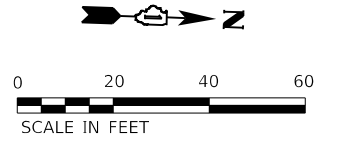
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LIGHTING PLAN ACACIA DRIVE</b>		
SCALE: 1" = 20'	SHEET 1 OF 3 SHEETS	STA. 100+00.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	77
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

**KEY NOTES:**

- ① TRACK UPLIGHTING CIRCUIT TO SOURCE AND DISCONNECT SOURCE. REMOVE AND REPLACE EXISTING LIGHT FIXTURE ASSEMBLY - TYPE A MEDIAN UPLIGHTING FIXTURES (QUANTITY=2). NEW LOCATION AND ORIENTATION SHALL ILLUMINATE EXISTING VILLAGE OF INDIAN HEAD PARK MUNICIPAL FACILITY SIGN. PROVIDE SHIELDS AS REQUIRED TO PREVENT LIGHT TRESSPASS. REPLACE EXISTING CIRCUIT CONDUIT AND WIRING FROM SOURCE TO UPLIGHTING. EXISTING CONDUIT NOT AFFECTED BY CONSTRUCTION MAY BE REUSED AND EXTENDED AS NECESSARY. CONDUITS UNDER ROADWAYS AND SIDEWALKS SHALL BE RIGID GALVANIZED STEEL. REMOVAL AND REPLACEMENT OF LIGHT FIXTURE ASSEMBLY - TYPE A MEDIAN UPLIGHTING SHALL BE INCLUDED WITH THE LIGHT FIXTURE ASSEMBLY - TYPE A PAY ITEM.



VILLAGE OF INDIAN HEAD PARK  
VILLAGE ADMINISTRATION BUILDING

MODEL: D:\64bit...  
 FILE NAME: S:\011300-13001\325\021\Drawings\CADD\Lighting\112345-shd-light-acacia-2.dgn

**SA**  
**STRAND**  
 ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MJG	REVISED -
DRAWN - DJW	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

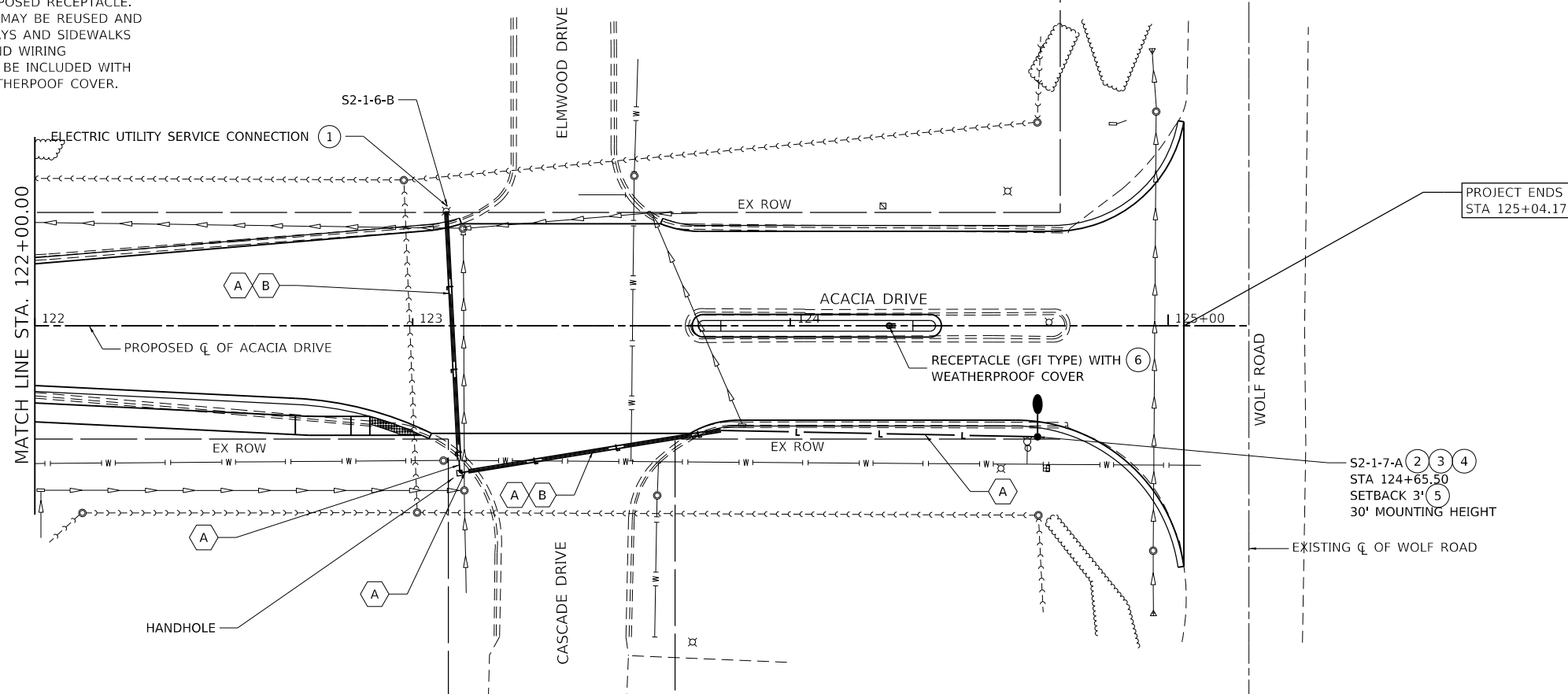
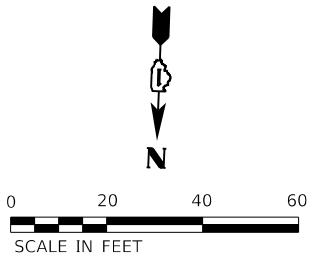
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LIGHTING PLAN ACACIA DRIVE</b>	
SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS
STA. 110+00.00 TO STA. 116+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	78
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

**NOTE:**

- ① EXISTING LIGHT FIXTURE ON CONCRETE POLE. EXPOSE POLE BELOW GRADE AND PENETRATE CONCRETE POLE WITH UNIT DUCT FOR CONNECTION OF POWER AT HANDHOLE TO SUPPLY LIGHTING FIXTURE S1-1-15-A. INSTALLATION OF UNIT DUCT AT POLE AND CONNECTION OF CONDUCTORS AT POLE SHALL BE INCLUDED IN THE COST OF THE ELECTRIC UTILITY SERVICE CONNECTION PAY ITEM.
- ② LIGHT FIXTURE SHALL BE CONNECTED BY PHOTOCELL ON FIXTURE.
- ③ THIS POLE SHALL HAVE A FRANGIBLE BASE.
- ④ FIXTURE SHALL HAVE TYPE III OPTICS AND POLE SHALL HAVE 8' DAVIT ARM.
- ⑤ SETBACK SHALL BE FROM FACE OF CURB.
- ⑥ REUSE EXISTING CIRCUIT AS NOTED ON SHEET 74 FOR PROPOSED RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER. REPLACE EXISTING CIRCUIT CONDUIT AND WIRING FROM SOURCE TO PROPOSED RECEPTACLE. EXISTING CONDUIT NOT AFFECTED BY CONSTRUCTION MAY BE REUSED AND EXTENDED AS NECESSARY. CONDUITS UNDER ROADWAYS AND SIDEWALKS SHALL BE RIGID GALVANIZED STEEL. NEW CONDUIT AND WIRING ASSOCIATED WITH THE PROPOSED RECEPTACLE SHALL BE INCLUDED WITH THE PAY ITEM FOR RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER.



**LEGEND**

- A UNIT DUCT, 600V, 2-1/2" NO. 10, 1/2" NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA POLYETHYLENE. (81603010)
- B UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA (81028190)

MODEL Dwg.rvt  
 FILE NAME: S:\011300-1300\1300\1300\1300\1300\CADD\Micro-SSA\CADD\_SHEETS\011300-1300-1300-1300-1300.dwg  
 STRAND ASSOCIATES



USER NAME = RaymondP	DESIGNED - MJG	REVISED -
DRAWN - DJW	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN  
ACACIA DRIVE**

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 122+00.00 TO STA. 125+04.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	79
CONTRACT NO.			61G92	
ILLINOIS FED. AID PROJECT				





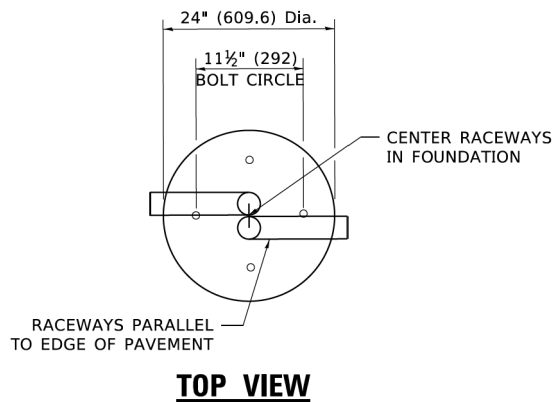




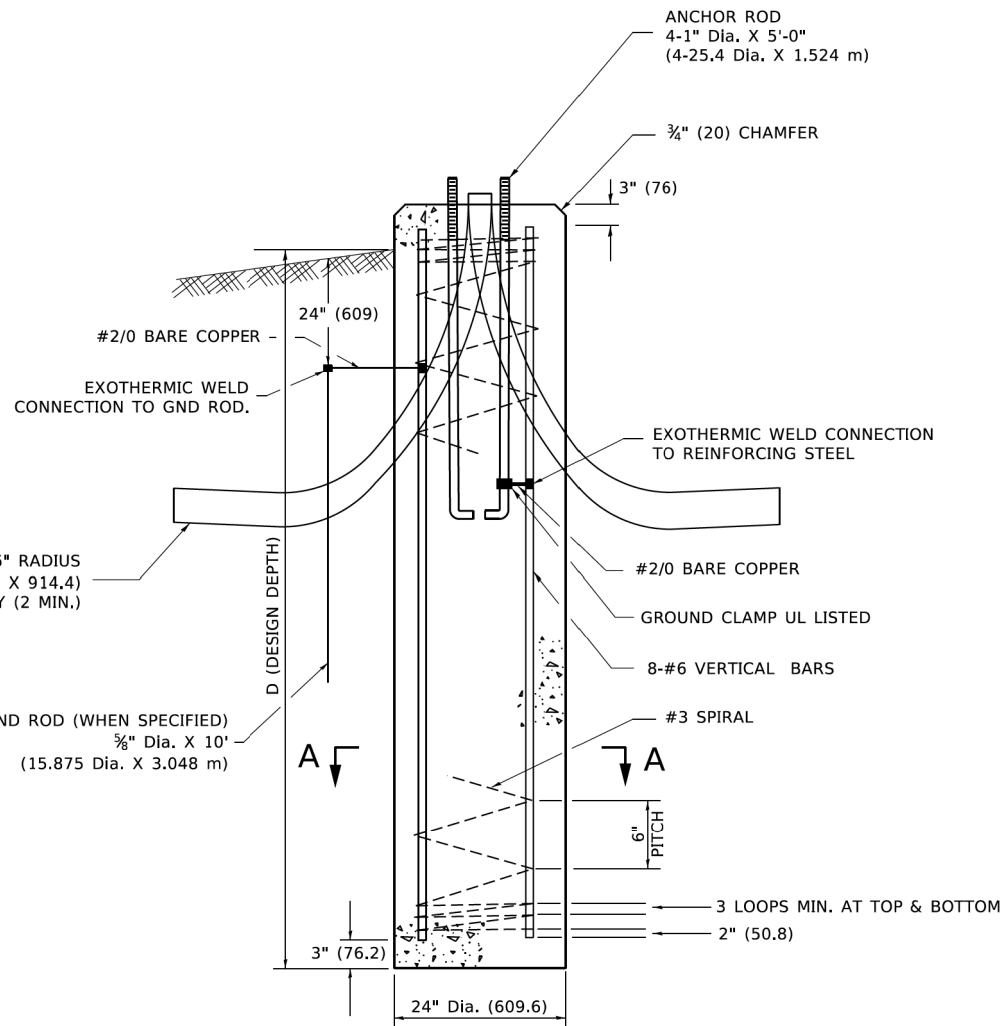


LIGHT POLE FOUNDATION DEPTH TABLE  
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT.	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



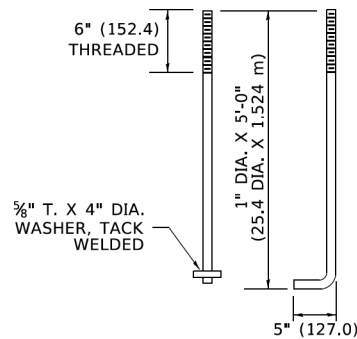
TOP VIEW



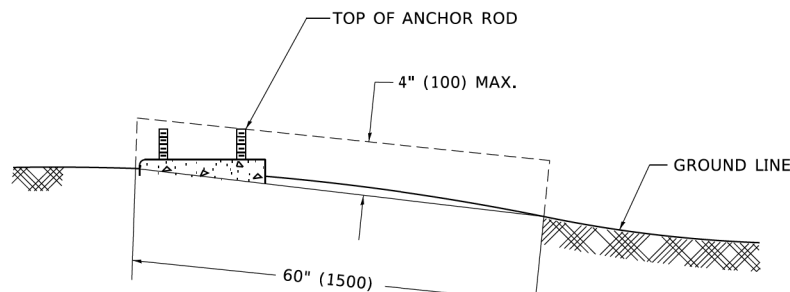
FOUNDATION DETAIL

**NOTES**

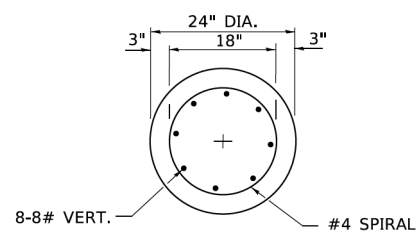
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



ANCHOR BOLT DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

MODEL: Default FILE: 18-00013-00-FP.DWG USER: RaymondP DATE: 12/17/2020

**SA**  
STRAND  
ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

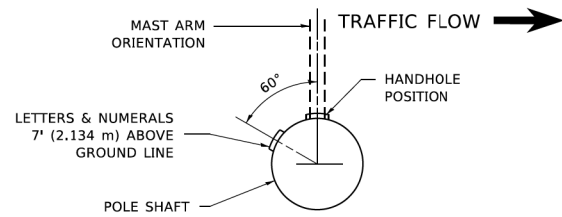
USER NAME = RaymondP	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

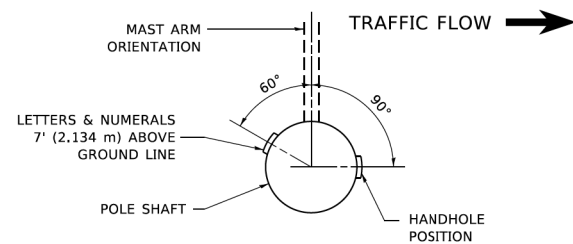
DAVIT LIGHT POLE  
30'-0" (9.144 m) MOUNTING HEIGHT

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

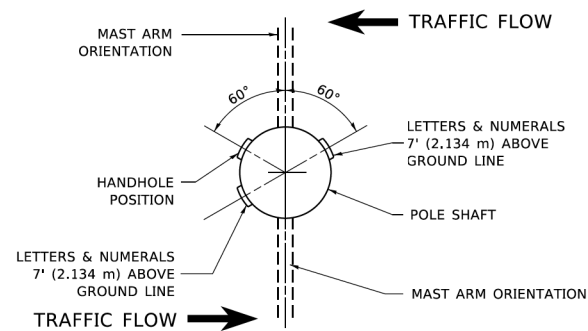
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	84
BE-300		CONTRACT NO. 61G92		
ILLINOIS FED. AID PROJECT				



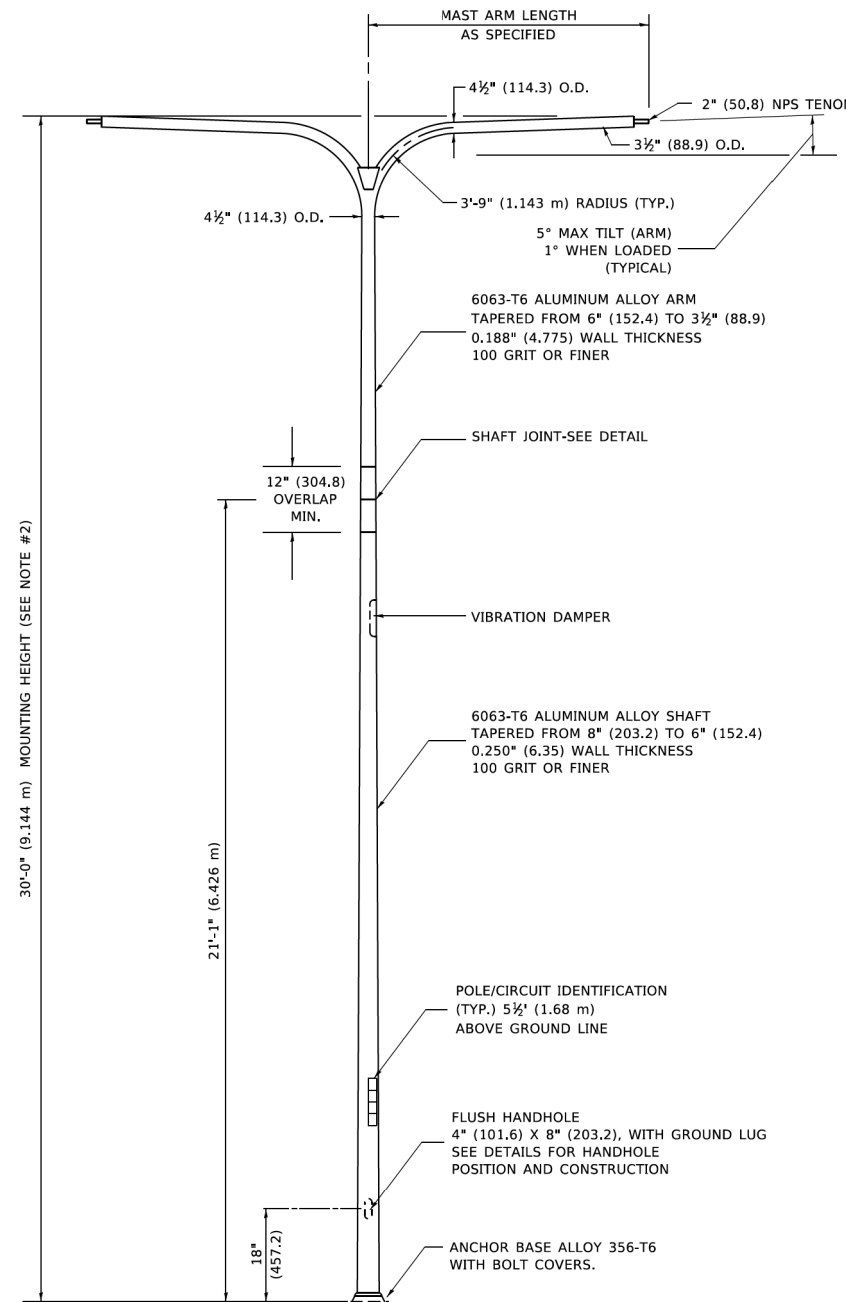
**POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL**



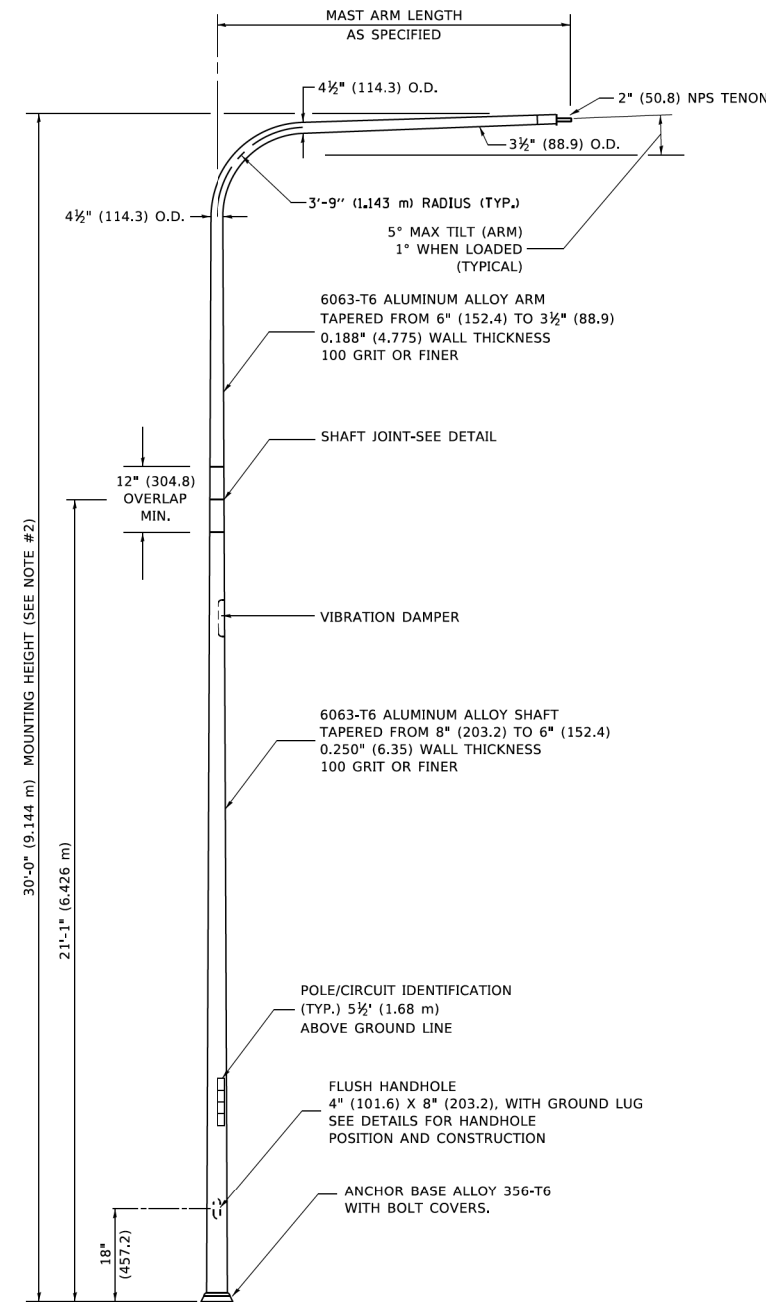
**POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES**



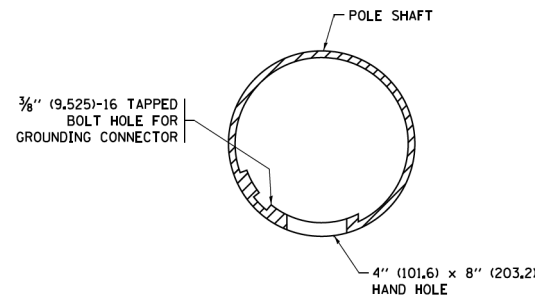
**POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES**



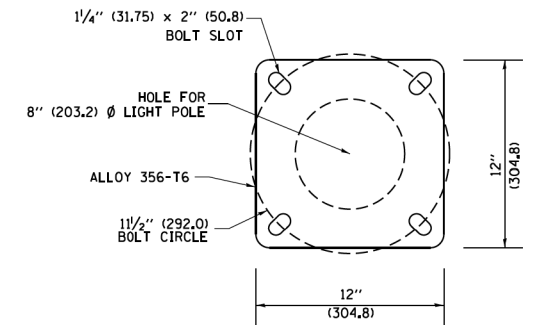
**TWIN ARM POLE**



**SINGLE ARM POLE**

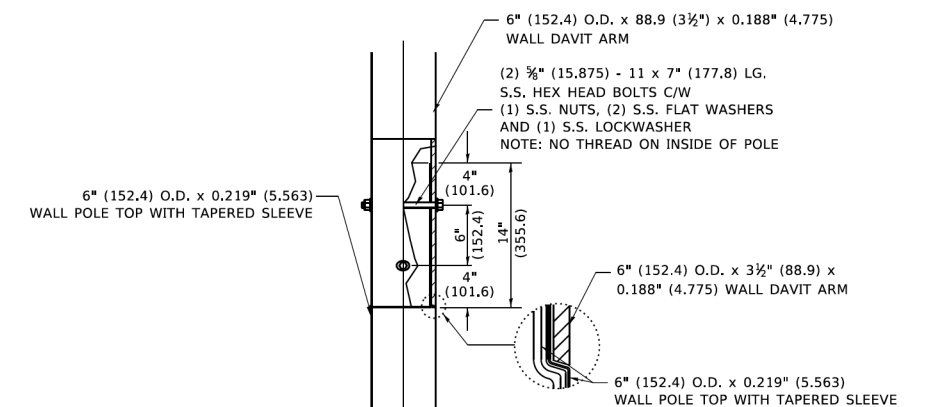


**HANDHOLE DETAIL**



**LIGHT POLE BASE PLATE DETAIL**

11 1/2" (292.0) BOLT CIRCLE



**DAVIT ARM CONNECTION**

[14" (355.6) OVERLAP SHOWN]

**NOTES**

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

MODEL: Default  
FILE: 111022 - 111022.dwg  
PLOT DATE: 12/17/2020 10:52:14 AM  
PLOT SCALE: 1/8" = 1'-0"

**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

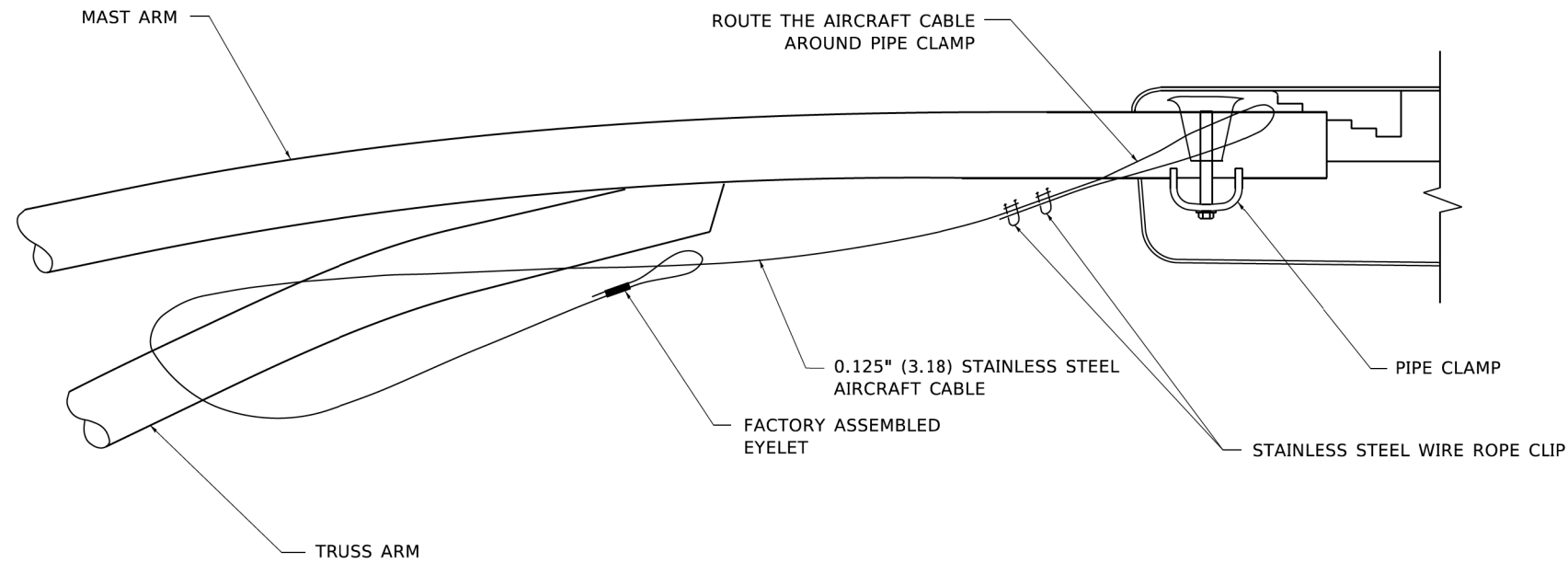
USER NAME = RaymondP  
DESIGNED -  
DRAWN - RL  
PLOT SCALE = 40.0000 ' / in.  
PLOT DATE = 12/17/2020

DESIGNED - D. DREW 05-07-92  
REVISED - R. TOMSONS 09-06-00  
CHECKED -  
DATE -  
REVISED - R. TOMSONS 09-02-03  
REVISED - R. TOMSONS 01-18-13

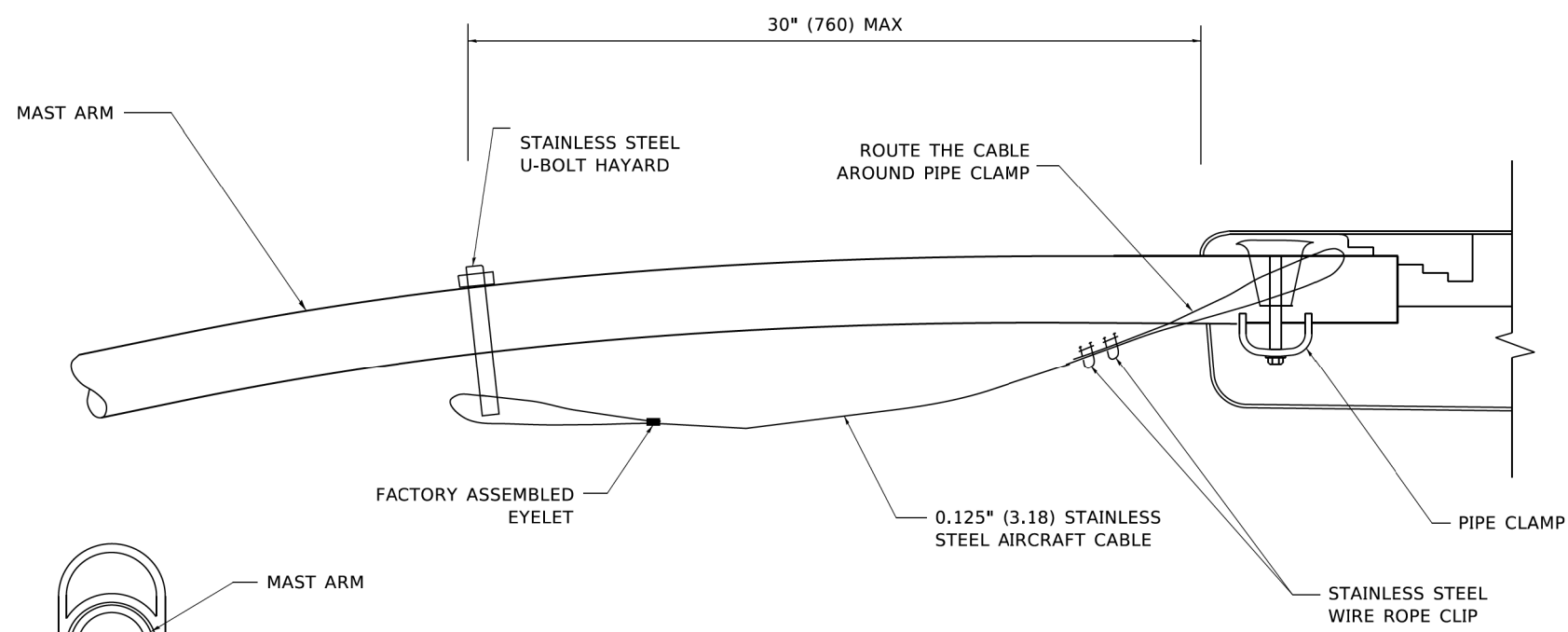
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DAVIT LIGHT POLE  
30'-0" (9.144m) MOUNTING HEIGHT**  
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

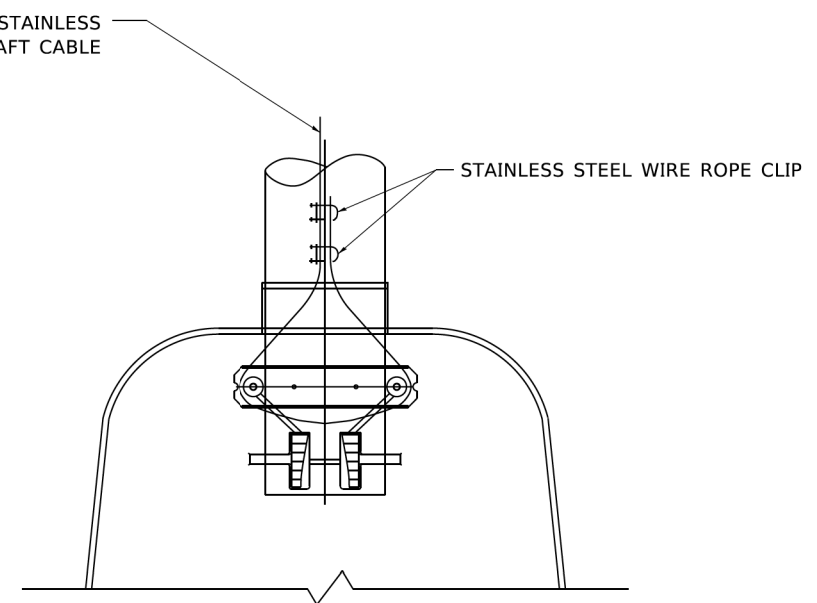
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	85
BE-413		CONTRACT NO.	61G92	
ILLINOIS		FED. AID PROJECT		



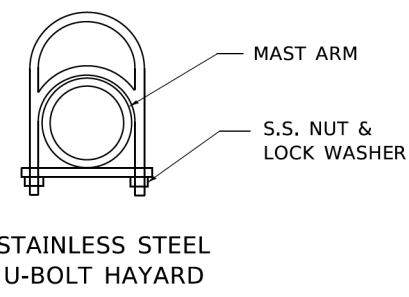
**SIDE VIEW (TRUSS ARM)**  
**N.T.S.**



**SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)**  
**N.T.S.**



**BOTTOM VIEW**  
**N.T.S.**



**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

MODEL: Default FILE: luminaire\_18-00013-00-FP.dwg USER: RaymondP DATE: 12/17/2020 10:54:28 AM



USER NAME = RaymondP	DESIGNED -	REVISED - 08-08-03
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

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

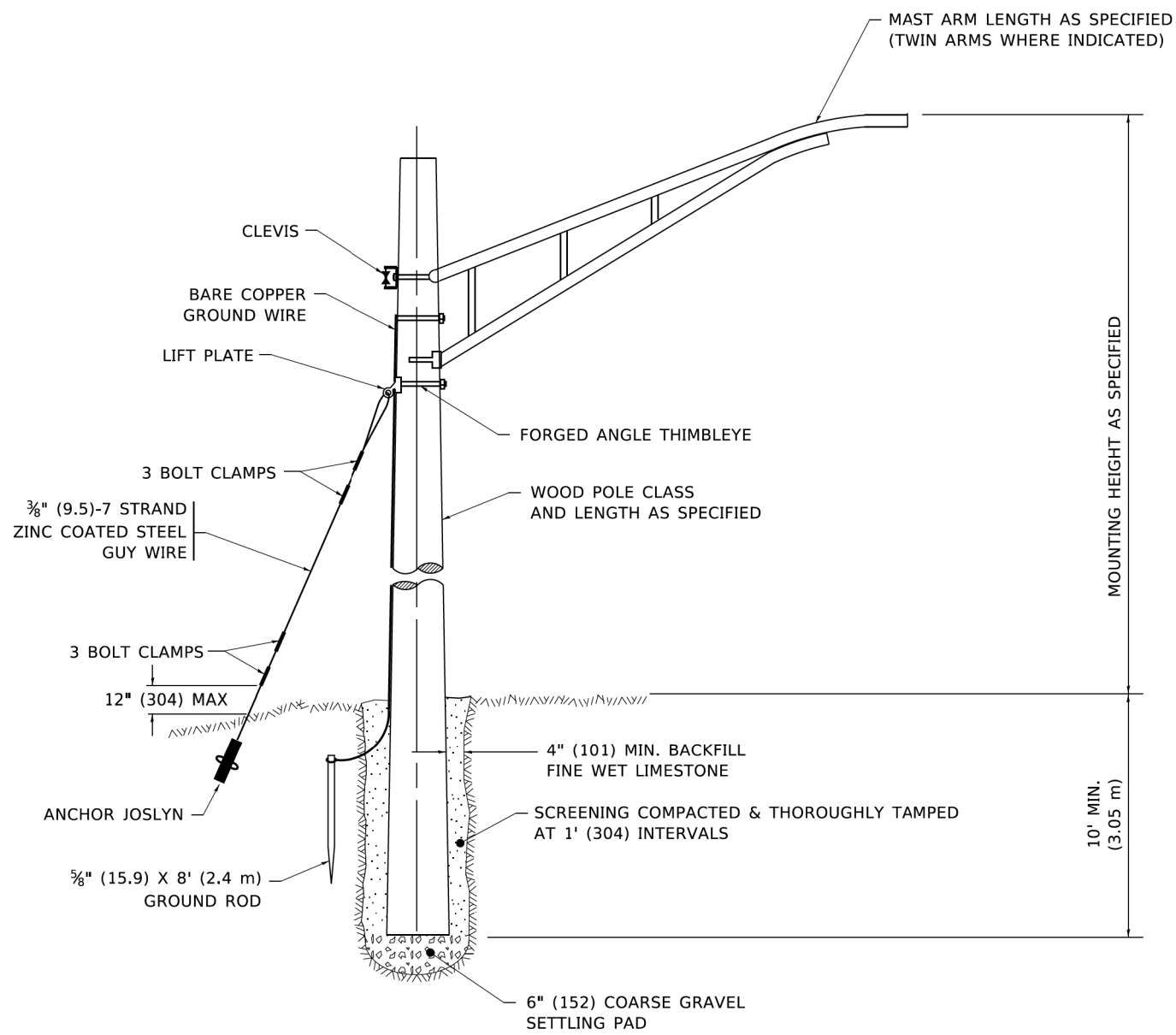
**LUMINAIRE SAFETY CABLE ASSEMBLY**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	86
BE-701		CONTRACT NO. 61G92		
ILLINOIS FED. AID PROJECT				



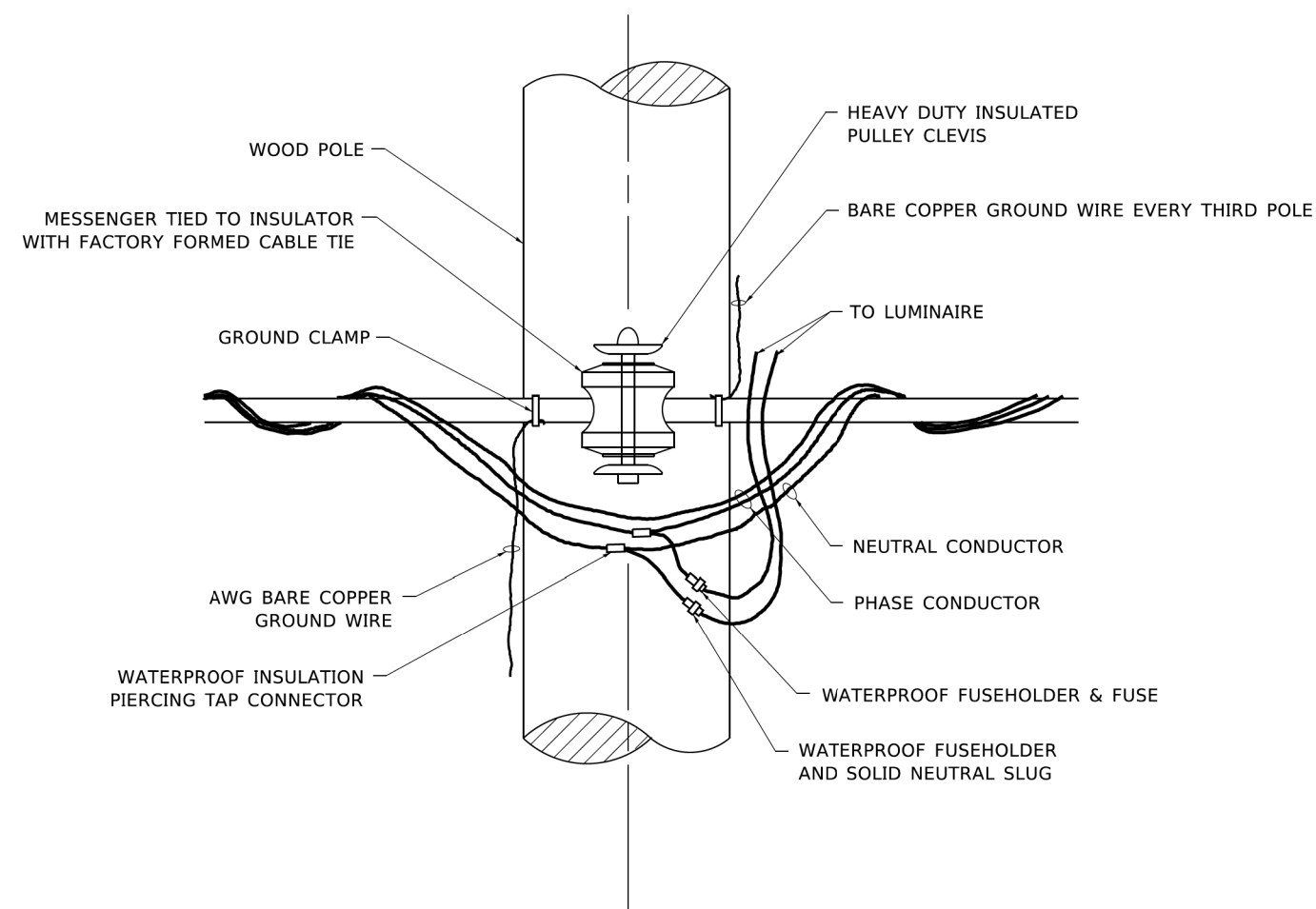




## TEMPORARY LIGHT POLE DETAIL

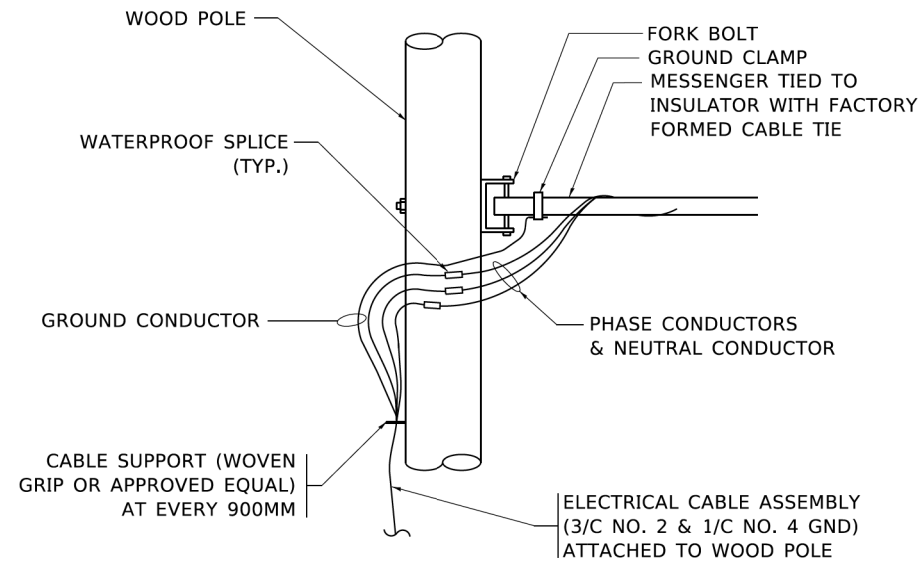
**NOTE:**

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

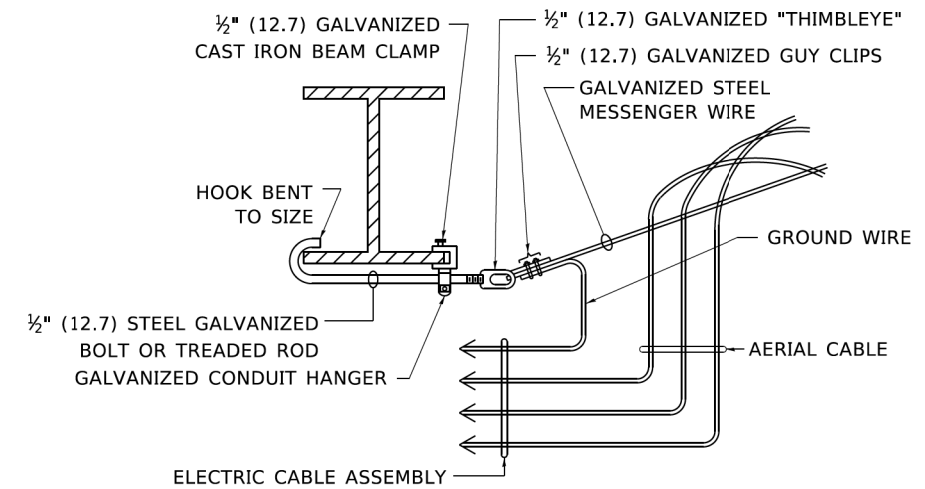


## TEMPORARY LIGHT POLE ATTACHMENT DETAIL

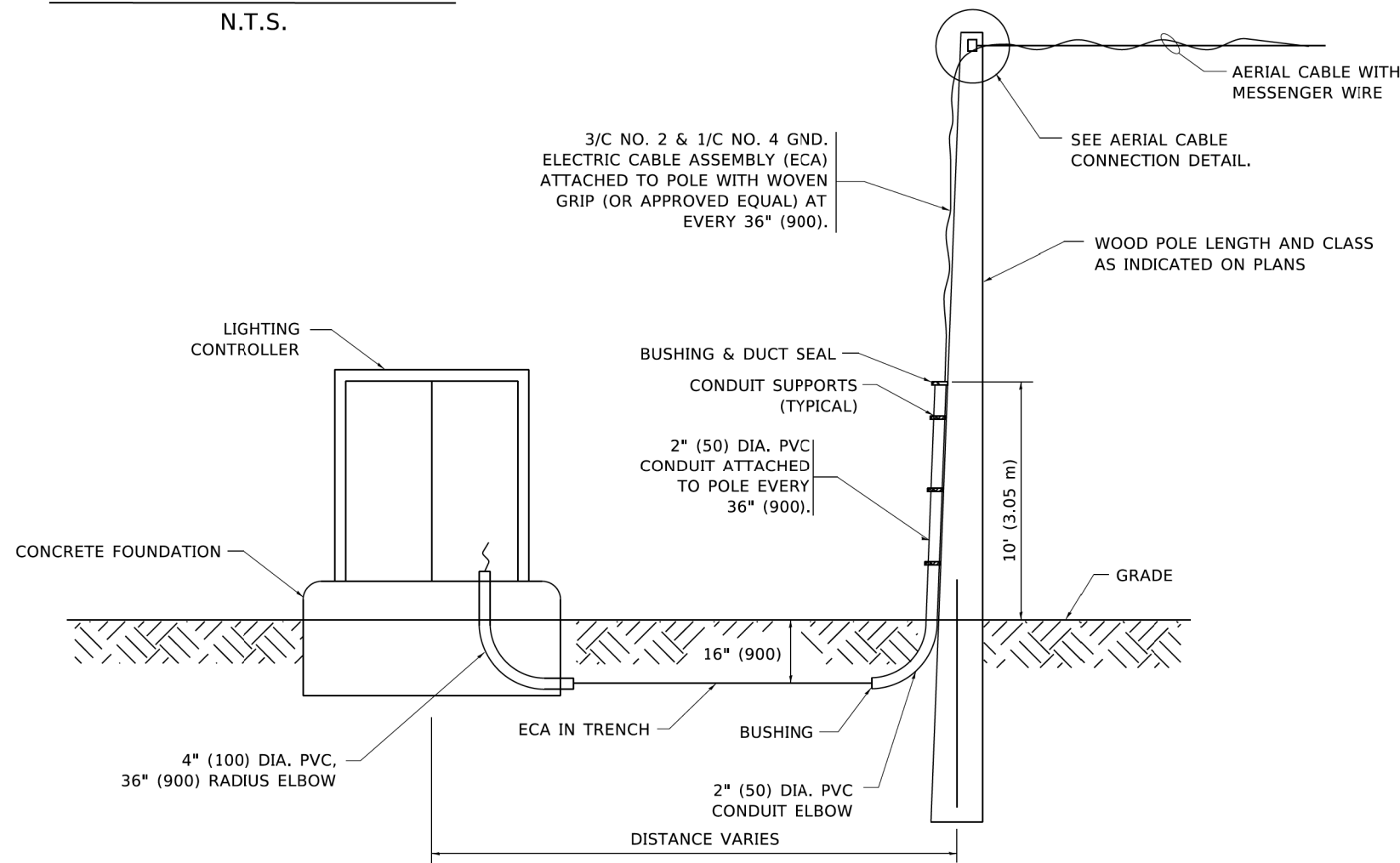
USER NAME = RaymondP	DESIGNED -	REVISED - 08-08-03
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED - R.T. 07-26-16
PLOT DATE = 12/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -



**AERIAL CABLE CONNECTION DETAIL**  
N.T.S.



**AERIAL CABLE  
ATTACHED TO STRUCTURE**  
NOT TO SCALE



**WOOD POLE TO LIGHTING CONTROLLER  
WIRING CONNECTION DETAIL**  
N.T.S.

**NOTES:**

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

MODEL: Default  
FILE: Aerial Cable Attached to Structure.dwg  
DATE: 12/17/2020 10:52:12 AM  
USER: RaymondP  
PROJECT: 18-00013-00-FP  
SHEET: 118 OF 118



USER NAME = RaymondP	DESIGNED -	REVISED - 08-08-03
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

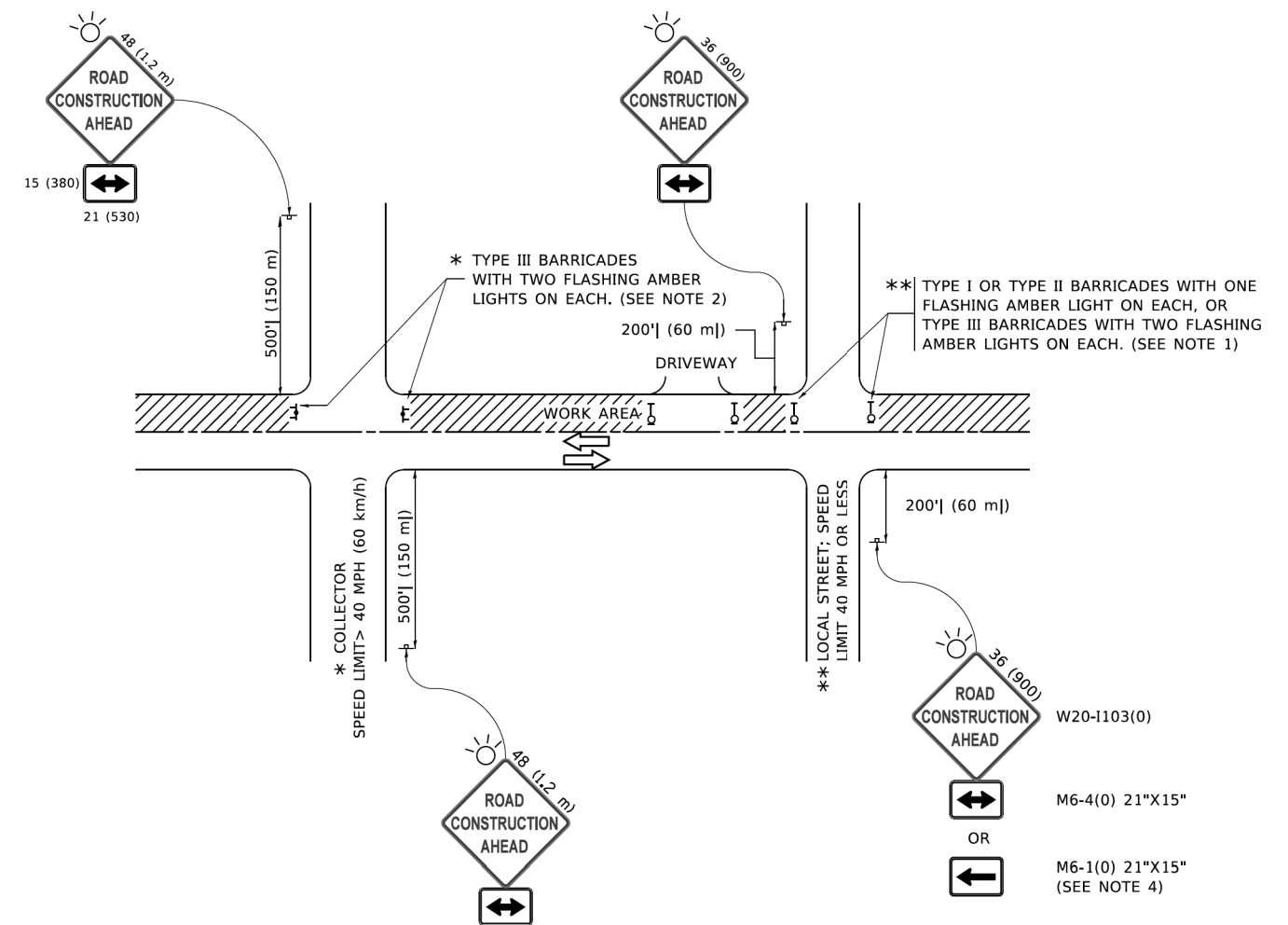
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY AERIAL CABLE INSTALLATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	89
BE-801		CONTRACT NO. 61G92		
ILLINOIS FED. AID PROJECT				





**NOTES:**

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

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

MODEL: Default  
 FILE: I:\PROJECTS\2018\18-000\18-000-FP\18-000-FP-118-91.dwg  
 USER: RaymondP  
 DATE: 12/17/2020 10:27:07 AM

1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = RaymondP	DESIGNED - L.H.A.	REVISED - A HOUSEH 10-15-96
	PLOT SCALE = 40.0000" = 1" / in.	CHECKED -	REVISED - T RAMMACHER 01-06-00
	PLOT DATE = 12/17/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
			REVISED - A. SCHUETZE 09-15-16

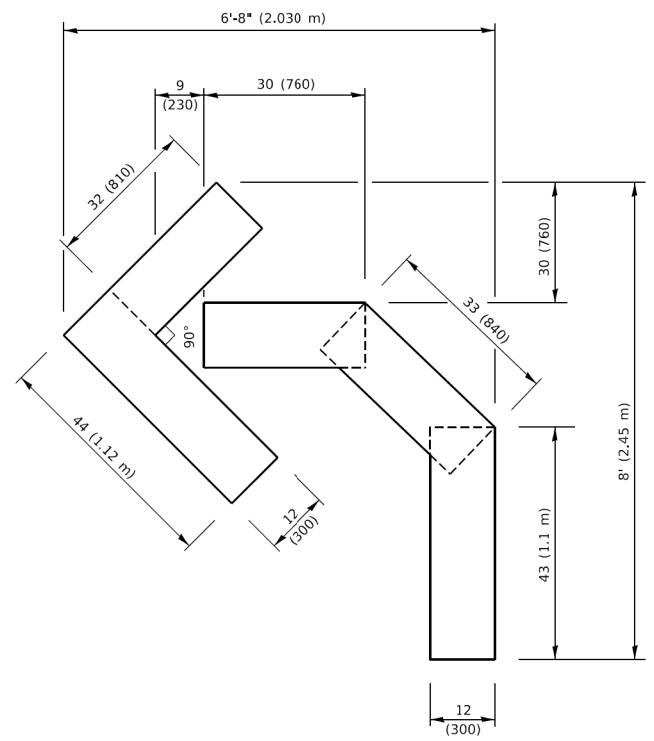
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

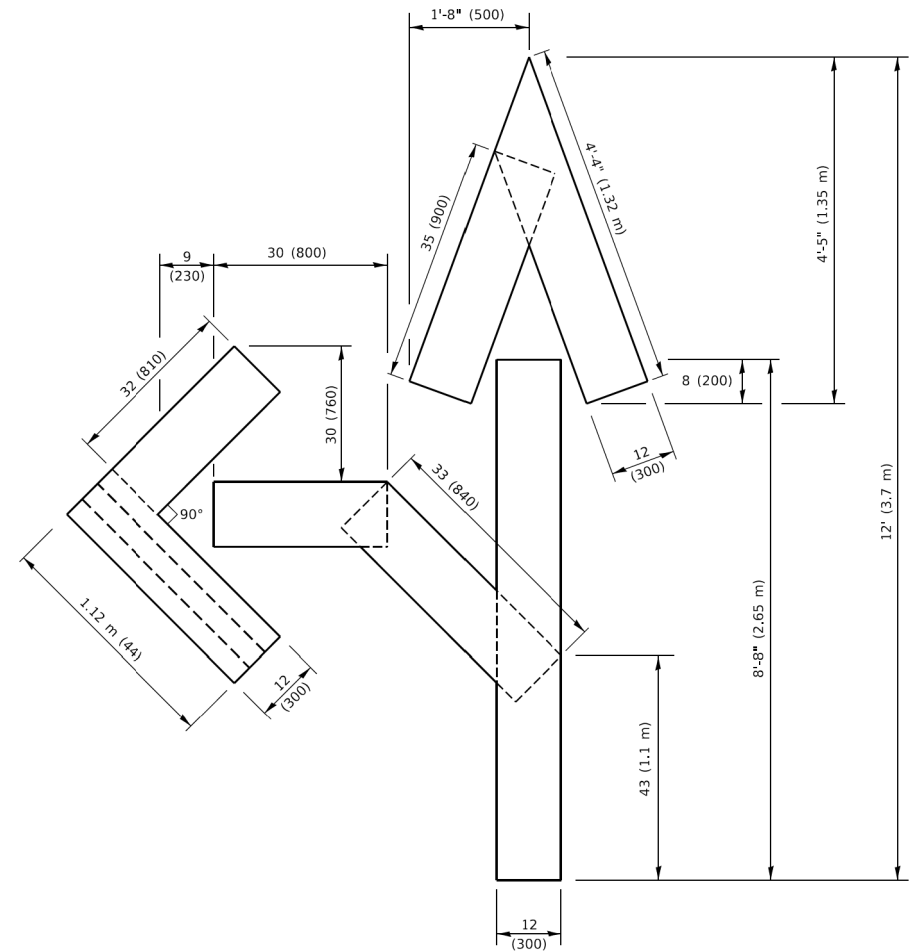
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	91
TC-10			CONTRACT NO. 61G92	
ILLINOIS FED. AID PROJECT				





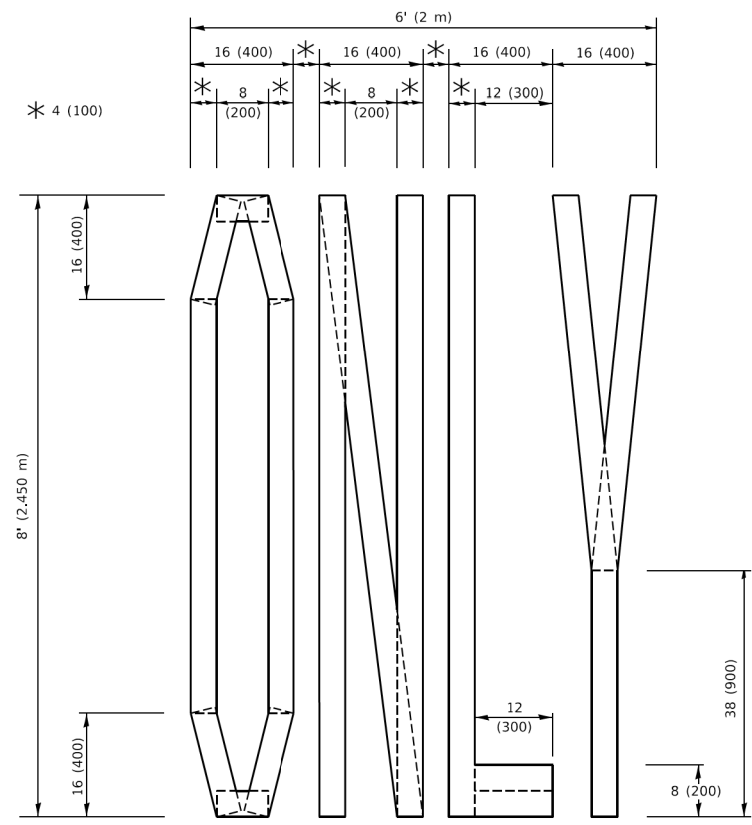
**QUANTITY**

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



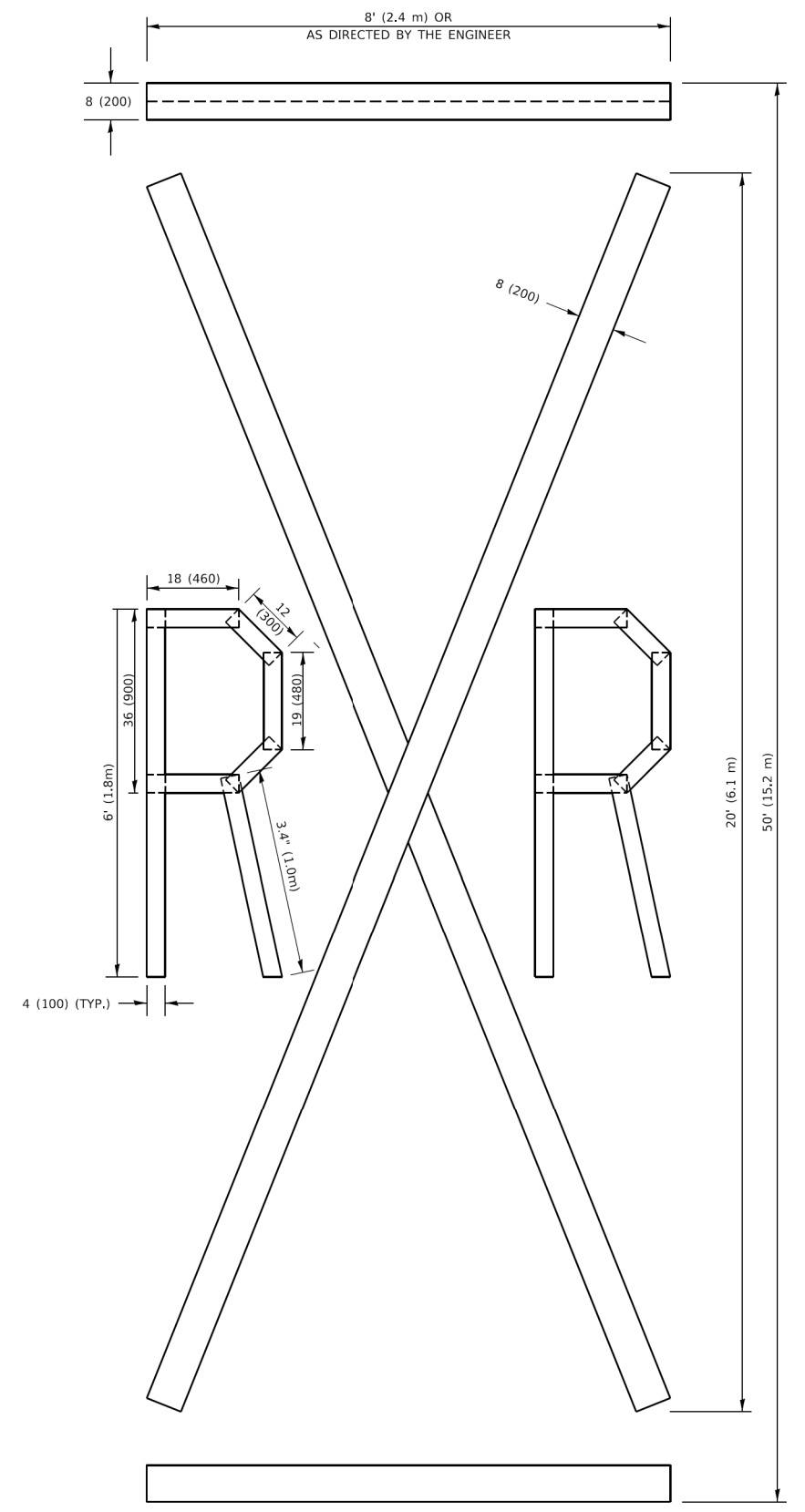
**QUANTITY**

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



**QUANTITY**

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



**QUANTITY**

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

**NOTE:**

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

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

MODEL: Default  
FILE: \\miller\p\work\18-000\18-000-16\18-000-16-16.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
PLOT DATE = 12/17/2020

USER NAME = RaymondP	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GÓMEZ 08-28-00
PLOT SCALE = 40.0000 "/td> <td>CHECKED -</td> <td>REVISED - E. GÓMEZ 08-28-00</td>	CHECKED -	REVISED - E. GÓMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

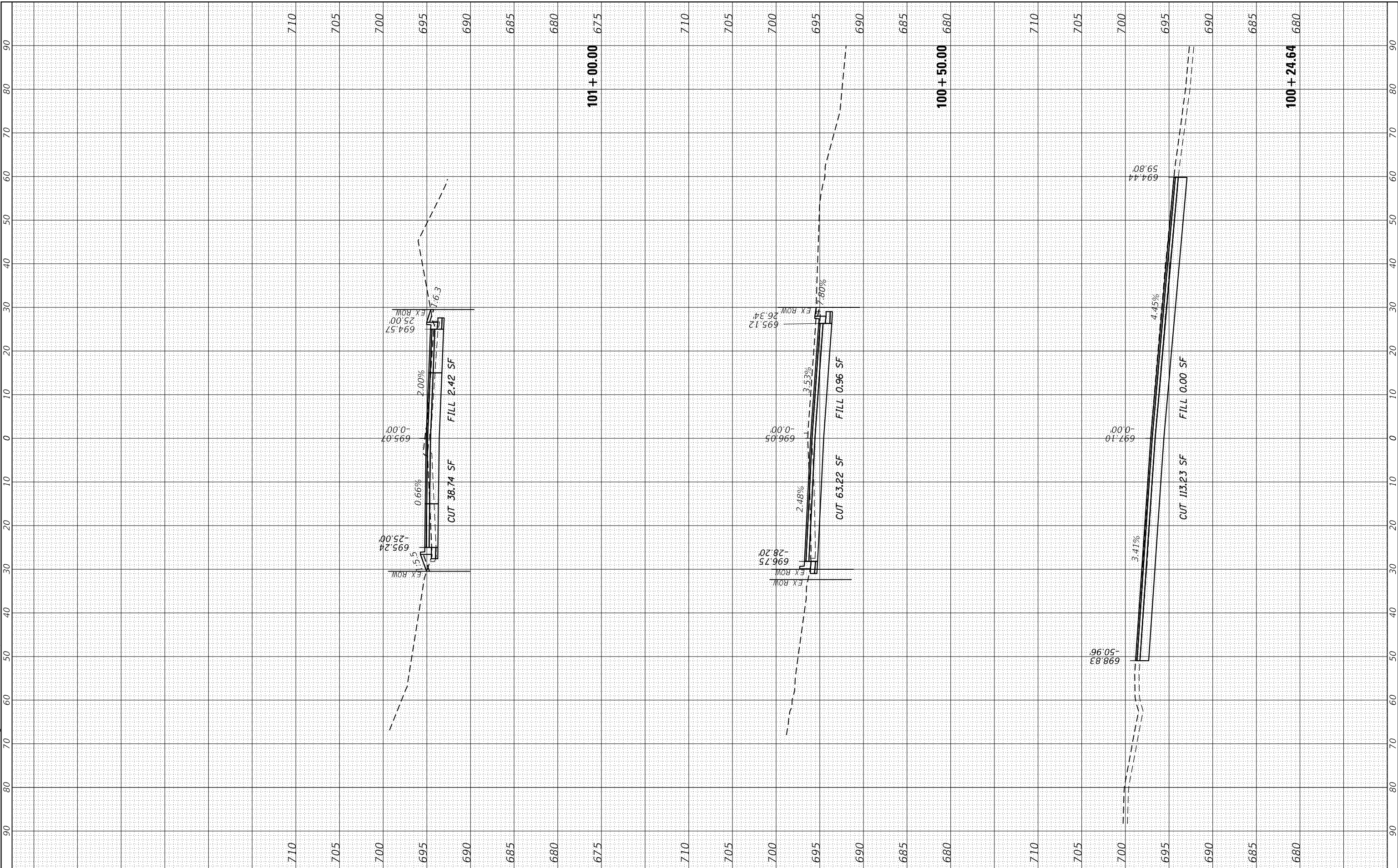
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	93
TC-16			CONTRACT NO. 61G92	
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
FILE NAME: S:\DALL1300-1399\1335\021D.rvt  
USER: RaymondP  
PROJECT: 18-00013-00-FP  
SHEET: 1 OF 20  
DATE: 12/17/2020



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES\*

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ACACIA DRIVE

SCALE: 10H 5V    SHEET 1 OF 20 SHEETS    STA. 100+24.64 TO STA. 101+00.00

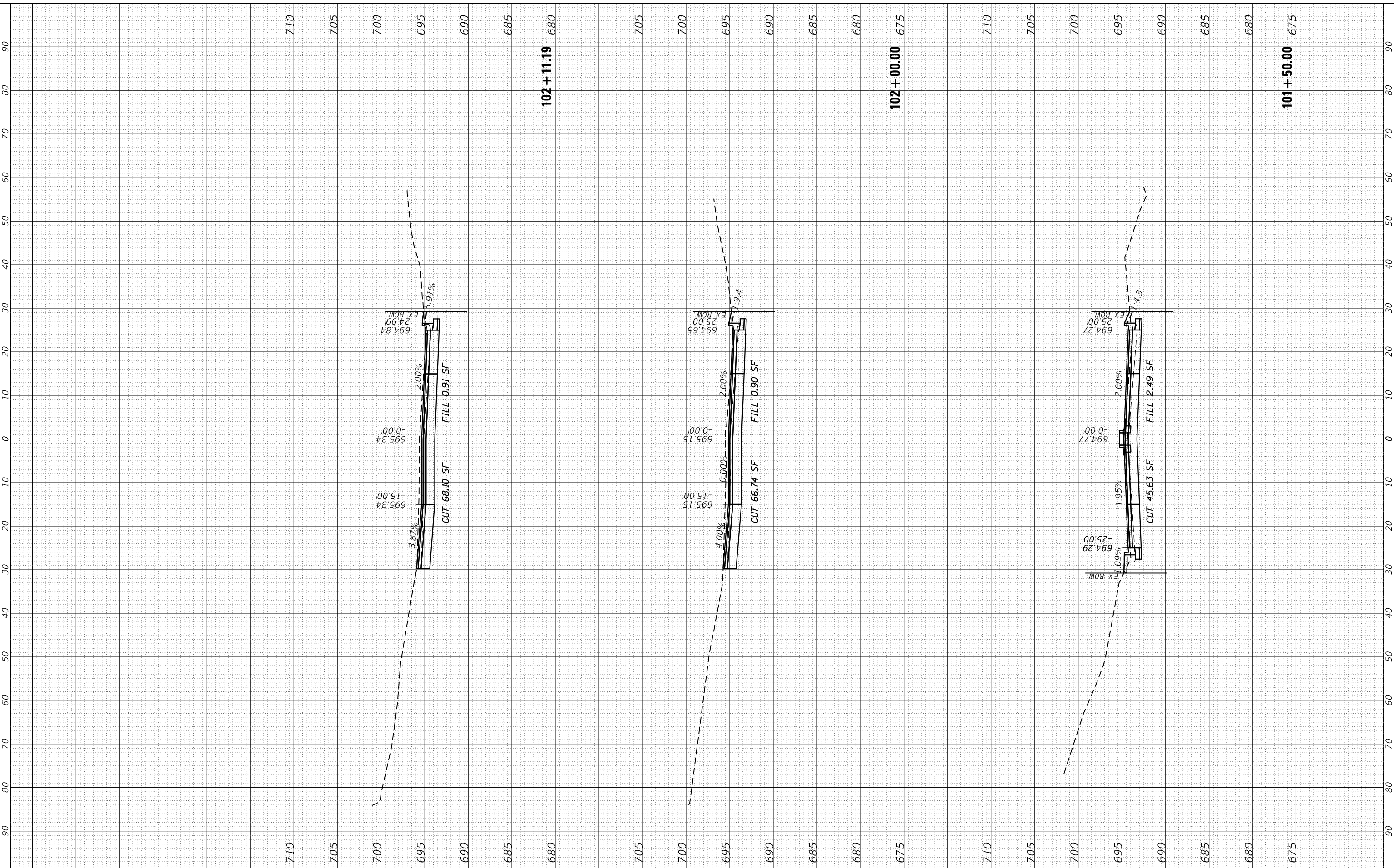
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 95
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: DefnRur  
 FILE NAME: S:\DALL1300-1390\1335\021D\rdw\ms\CAD\MicroStation\18-00013-00-SHEETS\18-00013-00-SECTION1.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DWG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

SCALE: 10H 5V    SHEET 2 OF 20 SHEETS    STA. 101+50.00 TO STA. 102+11.19

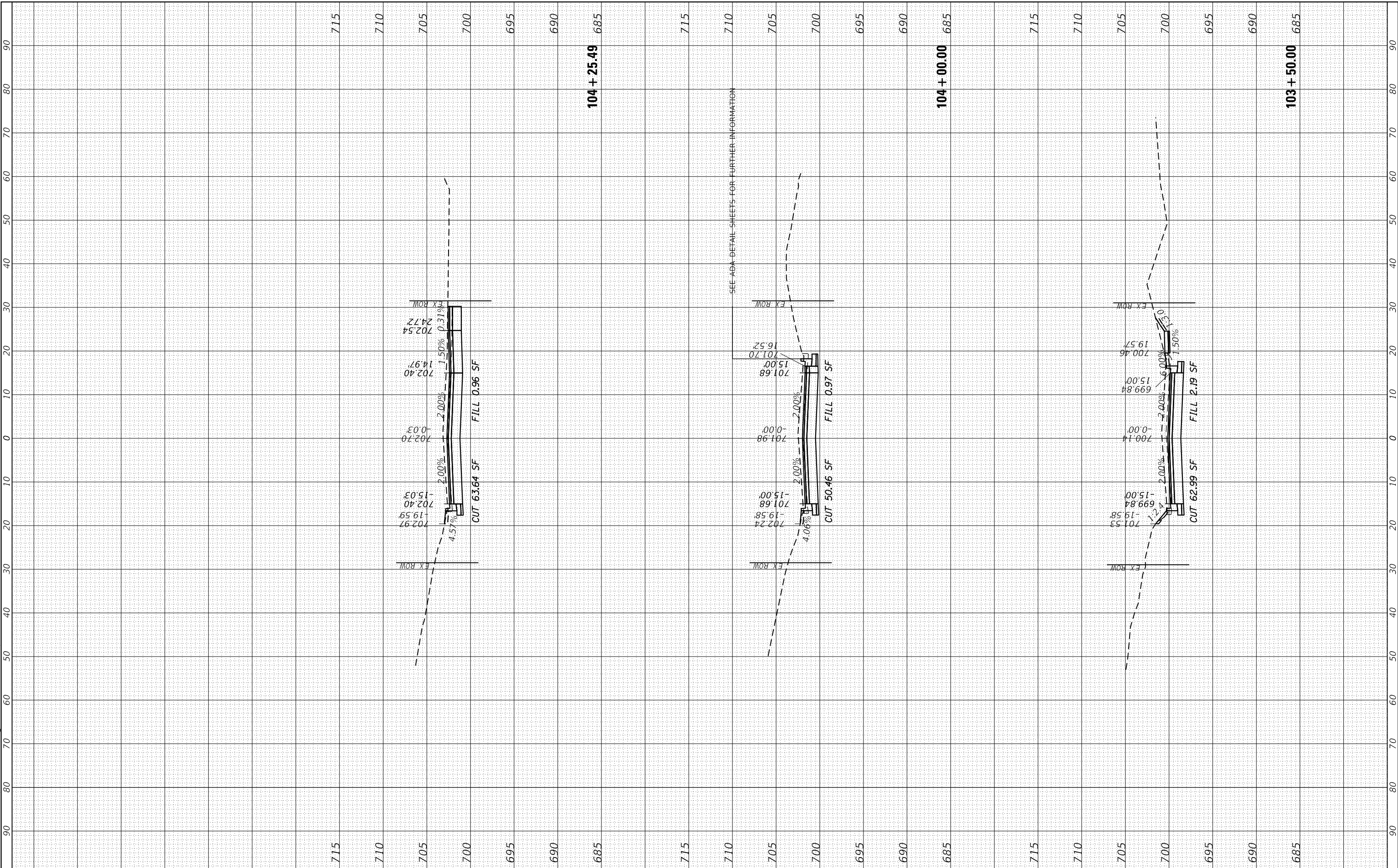
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 96
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D.rvt\misc\CAD\Misc\SSA\CADD\SHEET\SD112345-shr3\settbl.rvt



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

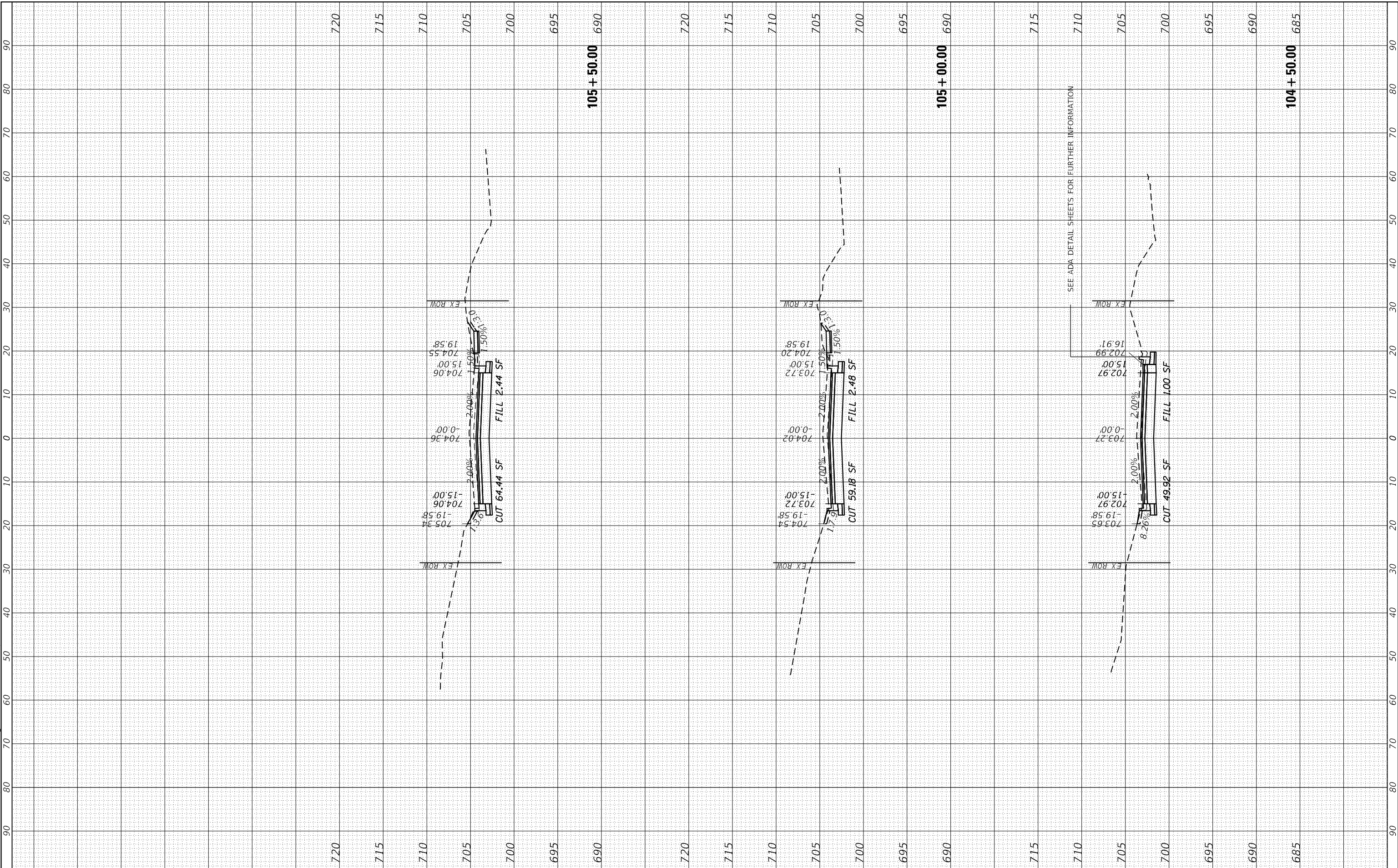
SCALE: 10H 5V    SHEET 4 OF 20 SHEETS    STA. 103+50.00 TO STA. 104+25.49

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 98
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

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

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

MODEL: DefnRur  
FILE NAME: S:\DALL1300-1390\1335\021D\rw\ms\CAD\MicroStation\12345-Sht3.dgn  
C:\DALL1300-1390\1335\021D\rw\ms\CAD\MicroStation\12345-Sht3.dgn



SEE ADA DETAIL SHEETS FOR FURTHER INFORMATION

STRAND ASSOCIATES\*  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ACACIA DRIVE  
SCALE: 10H 5V SHEET 5 OF 20 SHEETS STA. 104+50.00 TO STA. 105+50.00

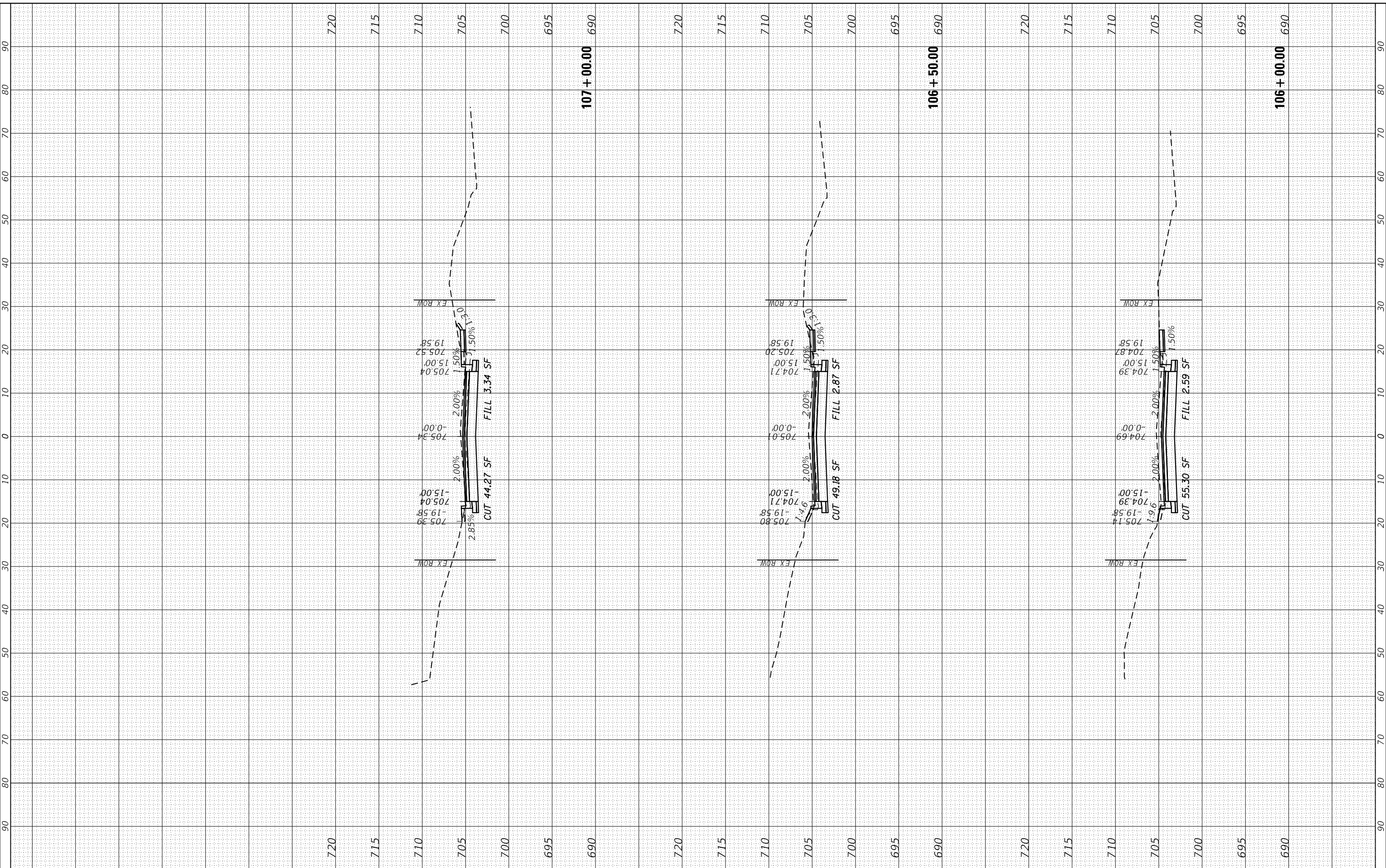
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 99
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



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

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

MODEL: D:\nir  
 FILE NAME: S:\01\1300-1390\133\02\10\rdw\ms\CAD\MicroStation\12345-Sht\Settlin.sht



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

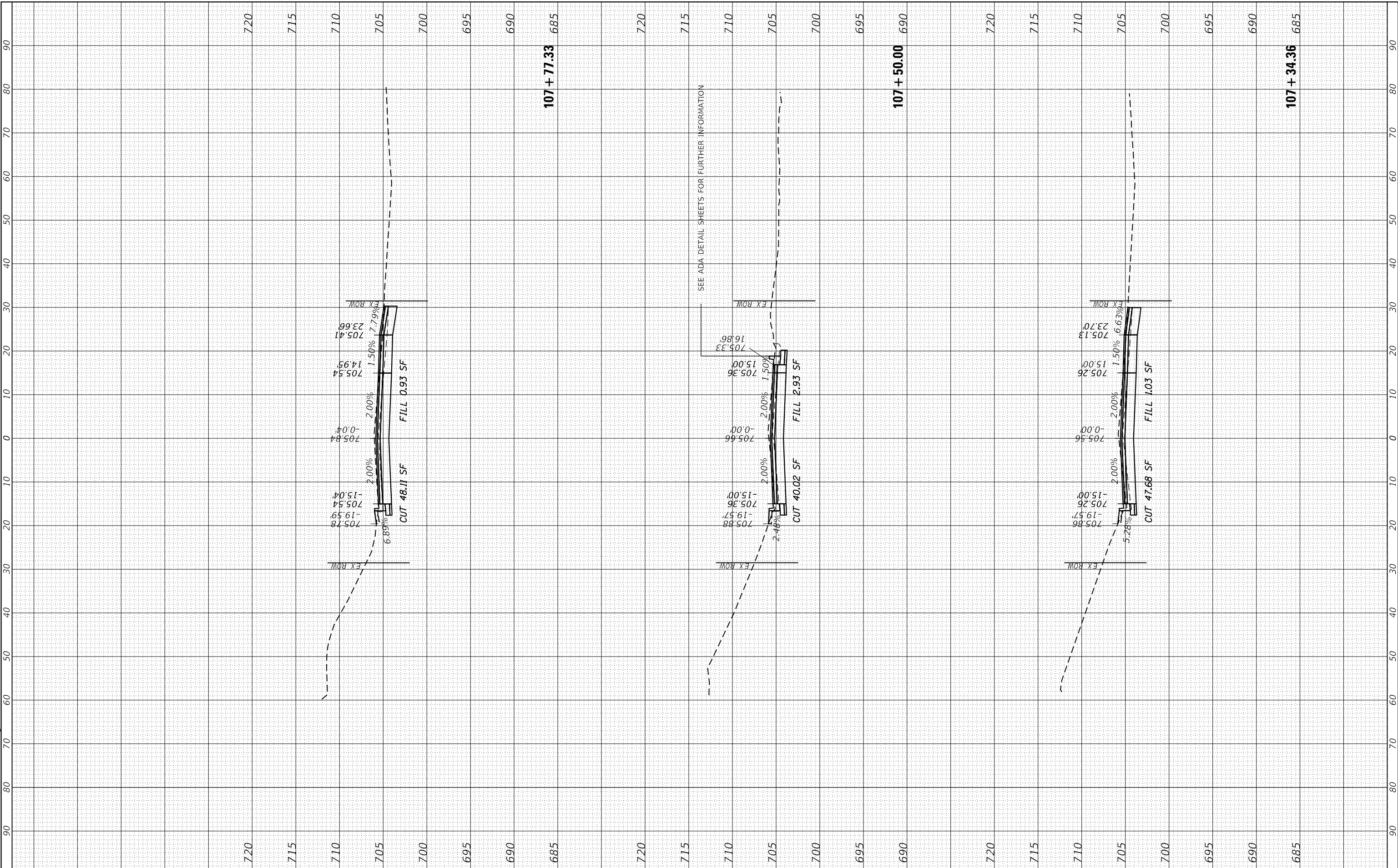
SCALE: 10H 5V    SHEET 6 OF 20 SHEETS    STA. 106+00.00 TO STA. 107+00.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 100
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Defn.rur  
 FILE NAME: S:\DALL1300-1399\1335\021D.rwl\ms\CAD\MicroStation\SS1\CADD\_SHEET\SD112345.sht\Settbln1.sgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

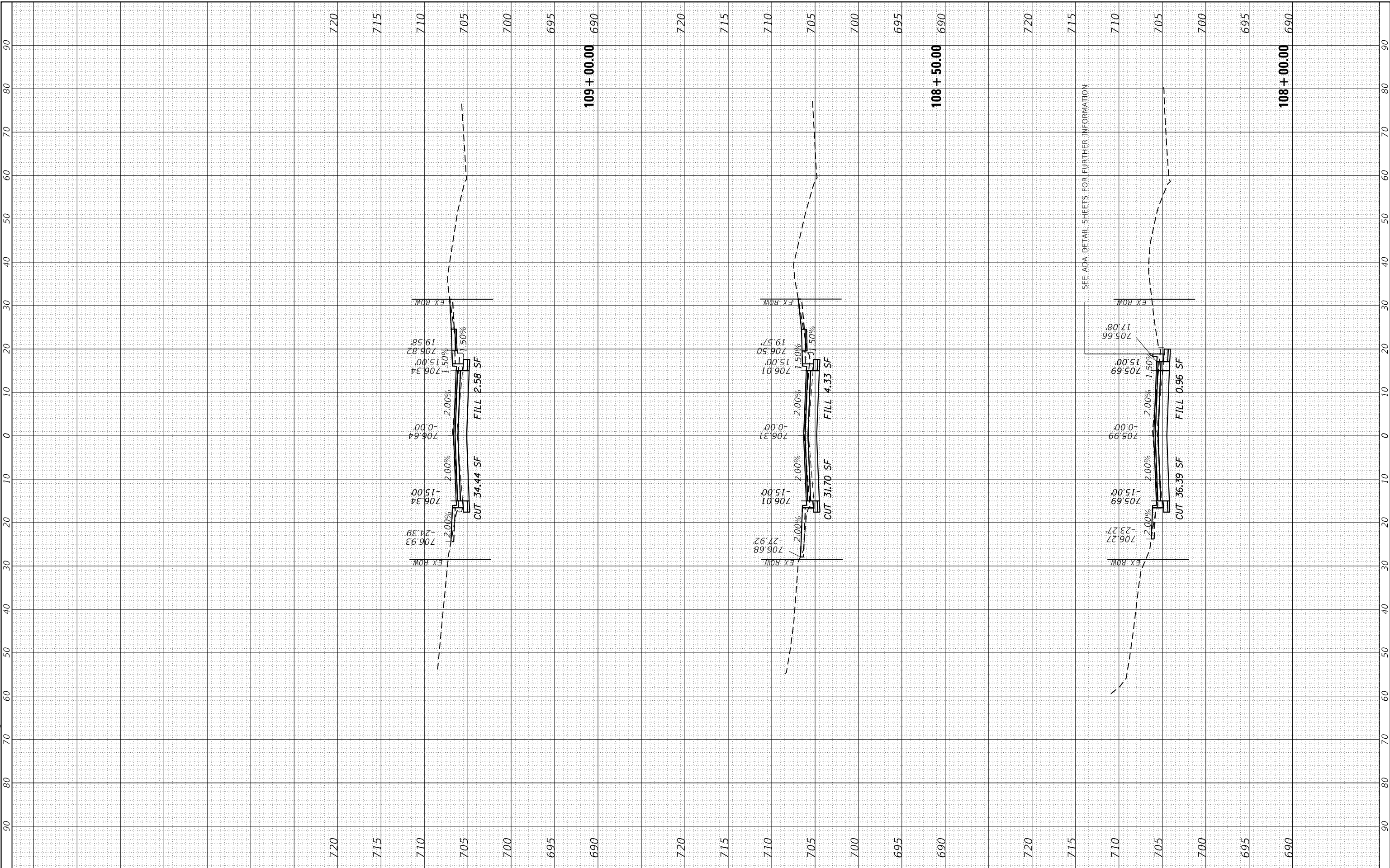
SCALE: 10H 5V SHEET 7 OF 20 SHEETS STA. 107+34.36 TO STA. 107+77.33

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 101
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
FILE NAME: S:\0111300-1390\133\0210\rdw\mhc\CAD\micr\SSA\CADD\02\02 SHEET.DWG SHEET 112345-SHA-CSETTAB1.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
**STRAND ASSOCIATES**  
(815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ACACIA DRIVE**

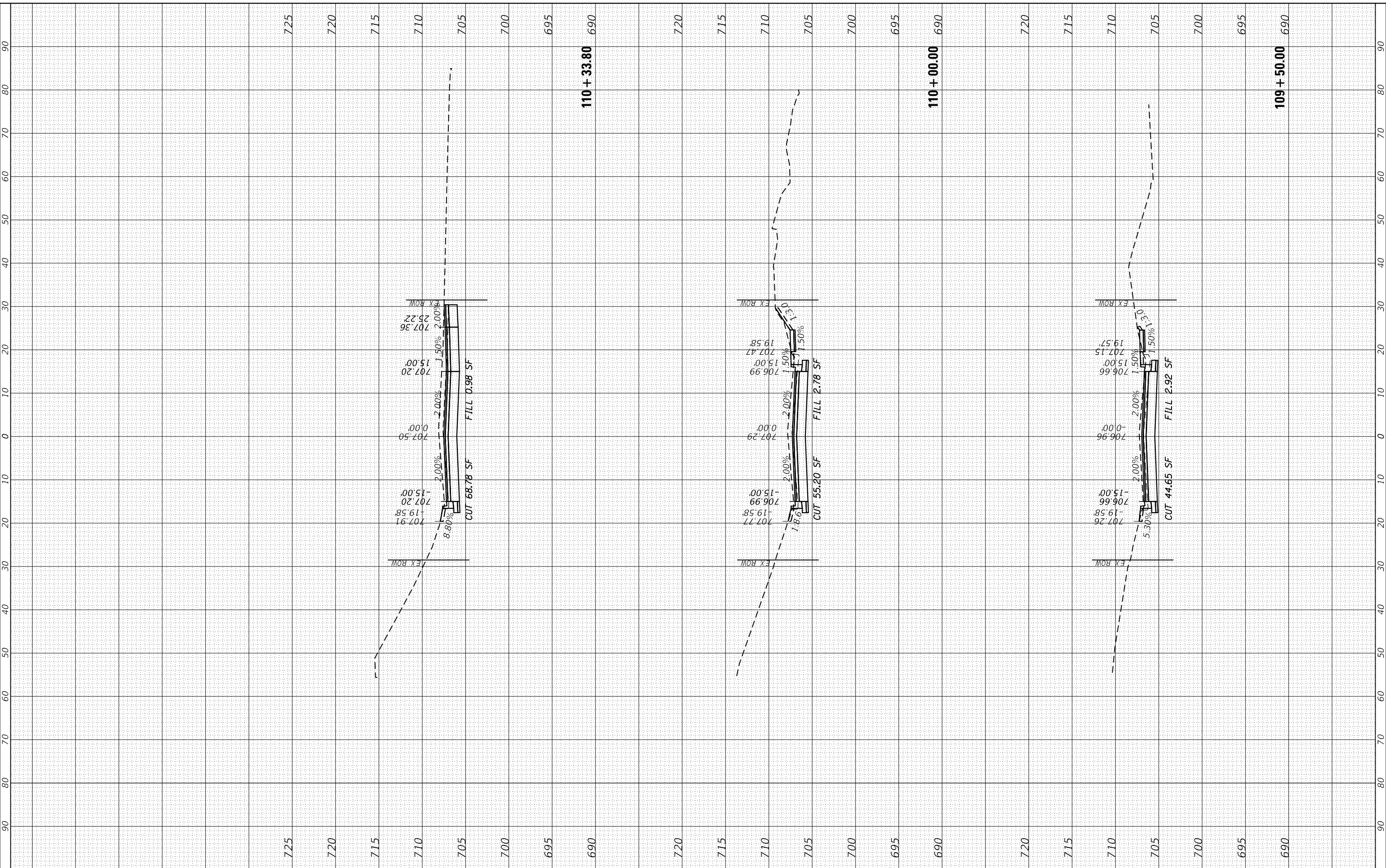
SCALE: 10H 5V    SHEET 8 OF 20 SHEETS    STA. 108+00.00 TO STA. 109+00.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 102
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1390\1335\021D.rvt\misc\CAD\Misc\SSA\CADD\SHEET\SD112345-SHA\Sect1018.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

SCALE: 10H 5V    SHEET 9 OF 20 SHEETS    STA. 109+50.00 TO STA. 110+33.80

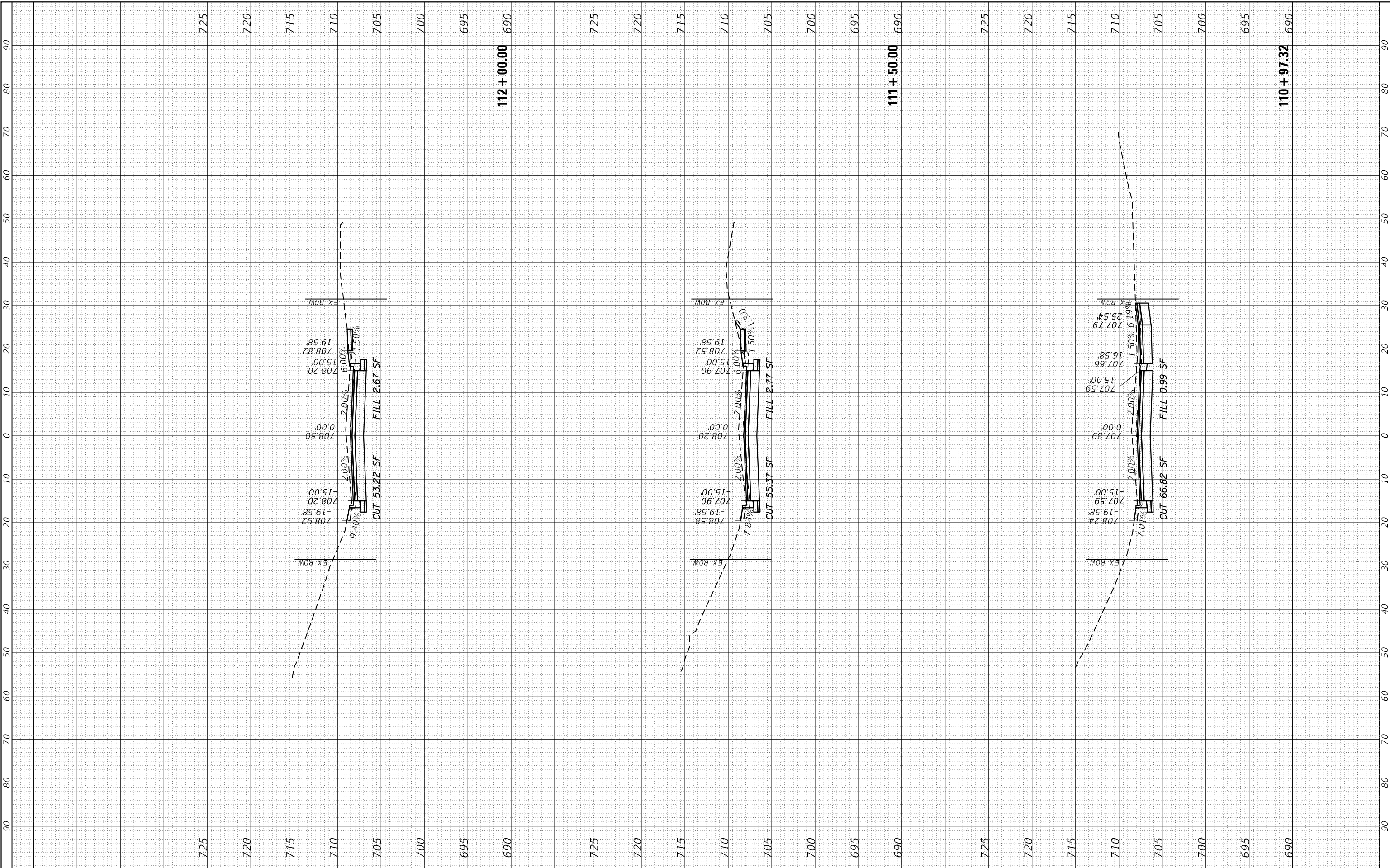
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 103
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

MODEL: Defn.rvt  
 FILE NAME: S:\01\1300-1399\1335\021D\rdw\ms-CAD\micro\SSA\CADD\SHETS\SD112345-SHA\Sect118.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
	DRAWN - DJW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DWG	REVISED -
PLOT DATE = 12/17/2020	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

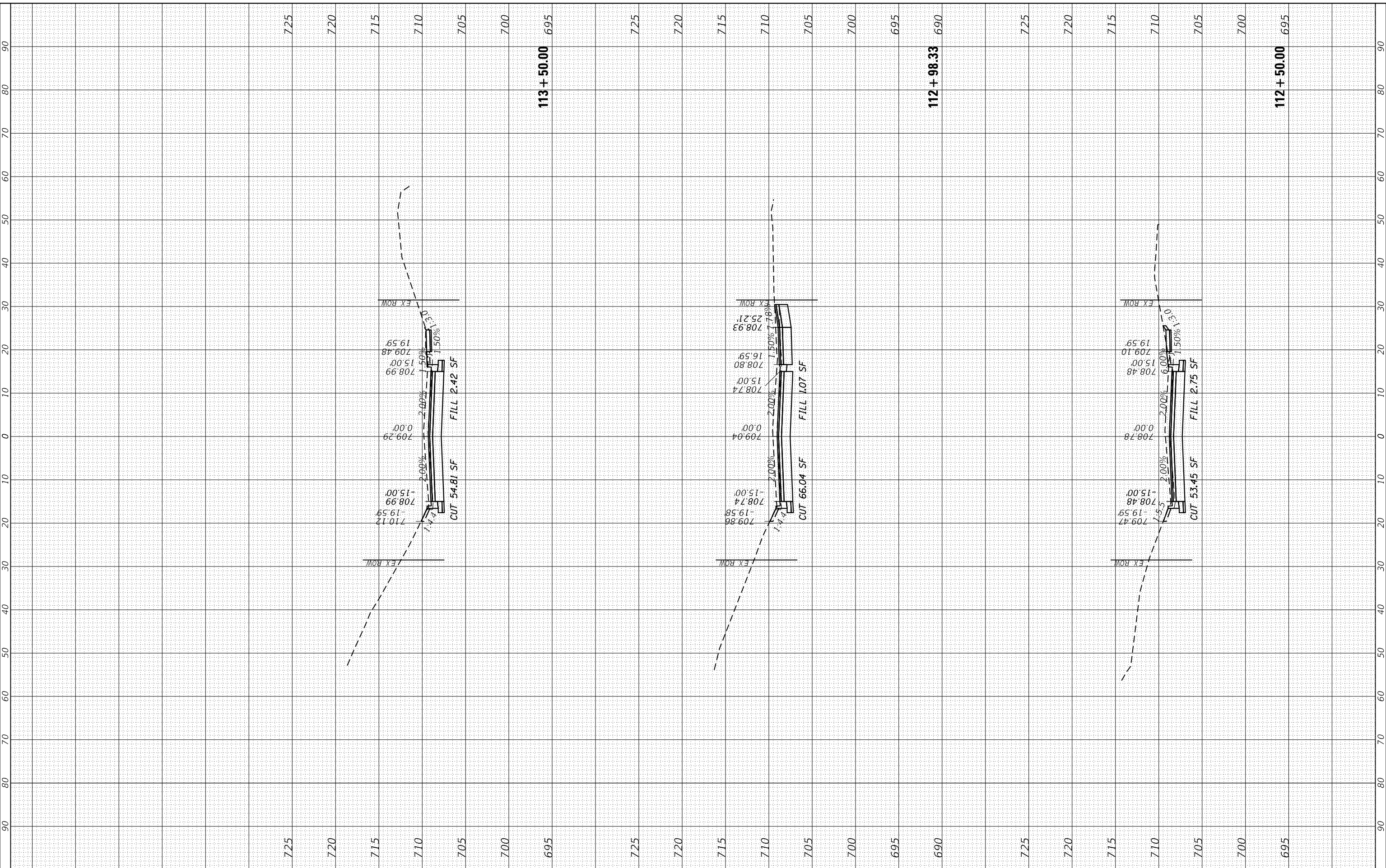
SCALE: 10H 5V    SHEET 10 OF 20 SHEETS    STA. 110+97.32 TO STA. 112+00.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 104
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
FILE NAME: S:\01\1300-1390\133\0210\rdw\ms\CAD\MicroStation\SSICADD\SSICADD\_SHEET.DSD\12345-shr\Settbl.rvt



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES\*

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ACACIA DRIVE

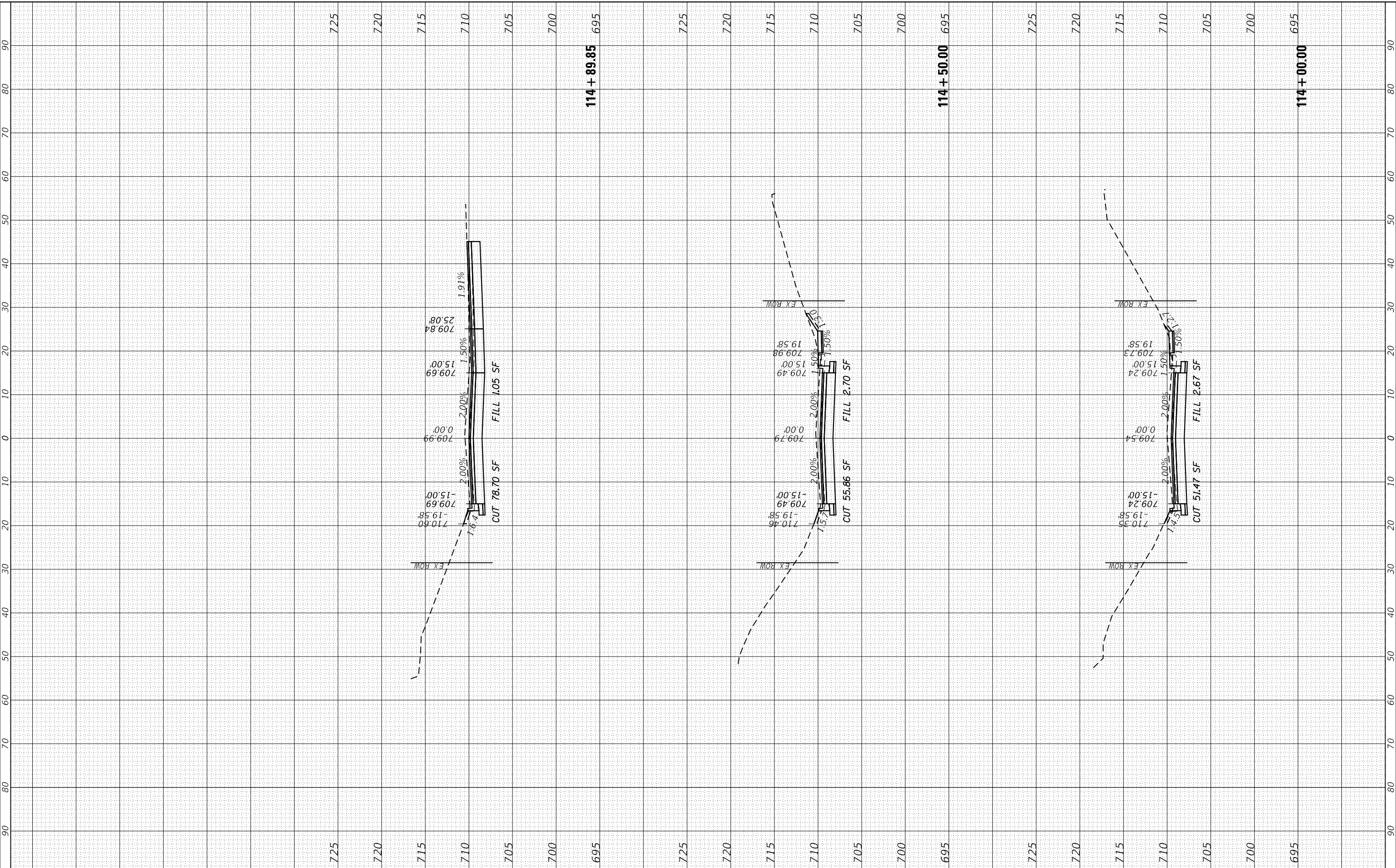
SCALE: 10H 5V    SHEET 11 OF 20 SHEETS    STA. 112+50.00 TO STA. 113+50.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 105
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: DefnRur  
 FILE NAME: S:\DALL1300-1399\1335\021D\rw\m\c\CD\m\c\SS\CAD\DWG\SS\12345-SHA-SHA.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

SCALE: 10H 5V SHEET 12 OF 20 SHEETS STA. 114+00.00 TO STA. 114+89.85

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 106
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

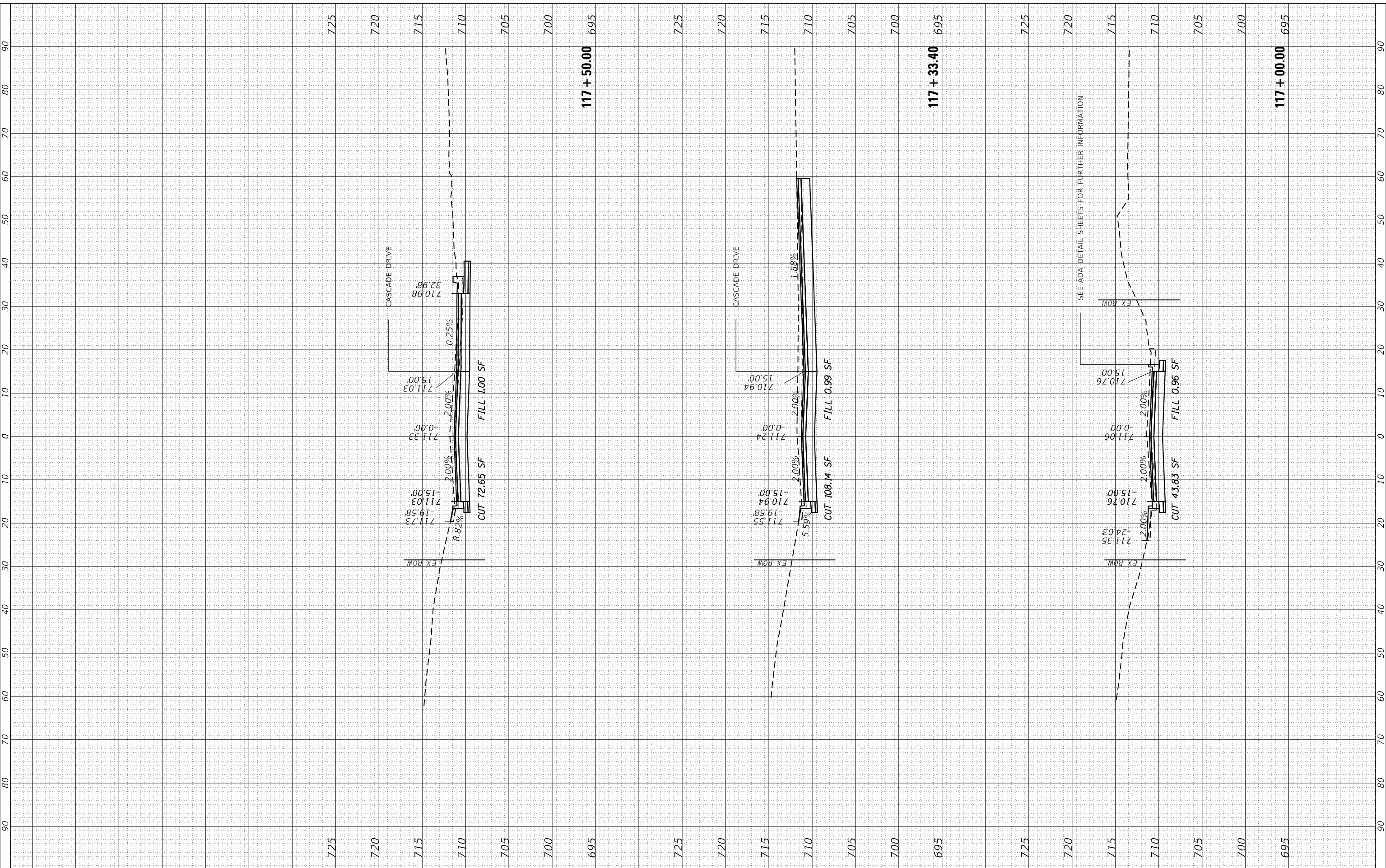




FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: DefnRur  
 FILE NAME: S:\DALL1300-1390\1335\021D\rw\m\c\18-00013-00-00-SHEET1SD112345-SHA-Sect18108.dgn



SEE ADA DETAIL SHEETS FOR FURTHER INFORMATION

STRAND ASSOCIATES\*  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 ACACIA DRIVE

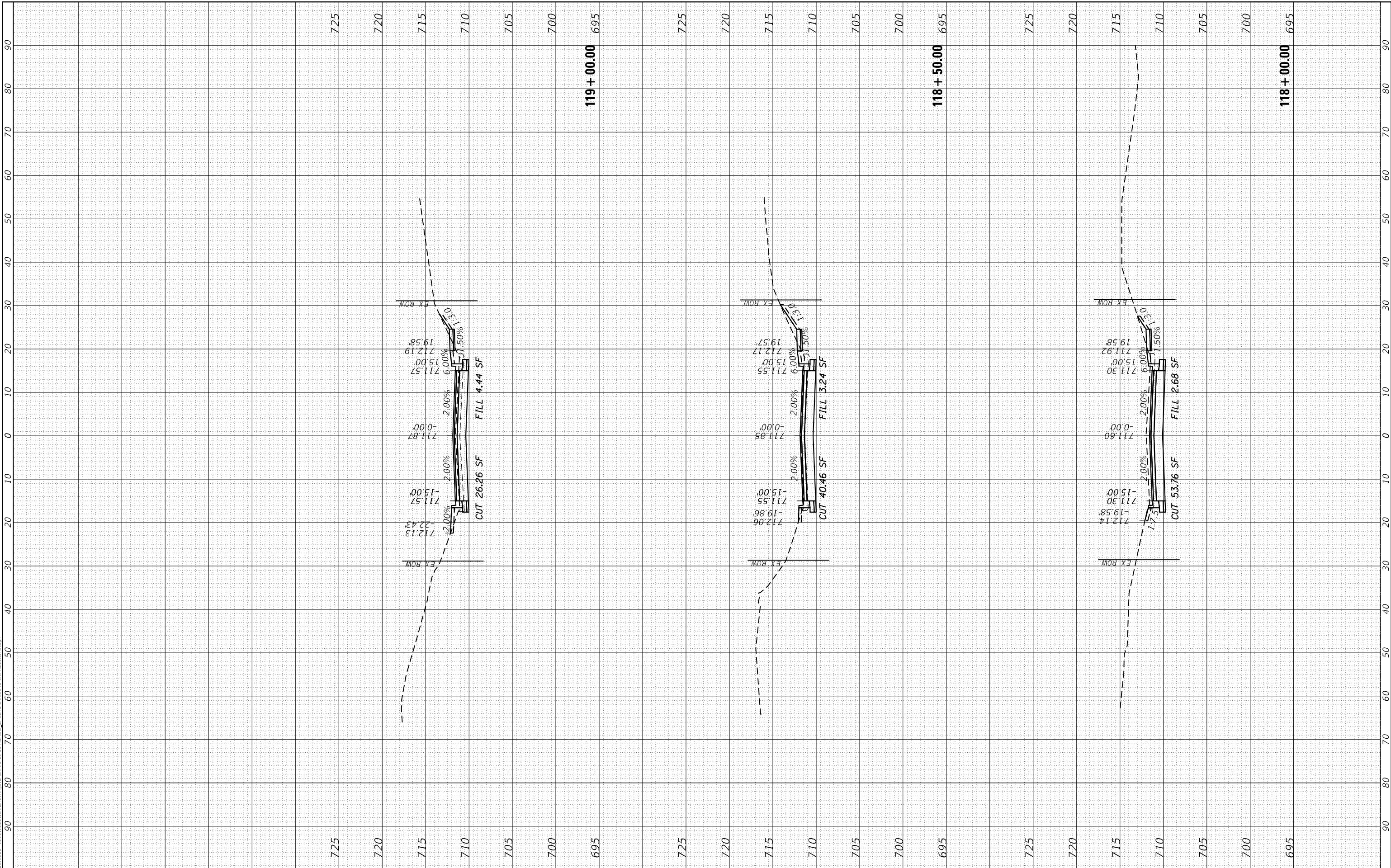
SCALE: 10H 5V SHEET 14 OF 20 SHEETS STA. 117+00.00 TO STA. 117+50.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 108
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D.rvt\misc\CAD\Misc\SS\CAD\DWG\SHEET\SD112345-SHA\Sect1818.dgn



**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

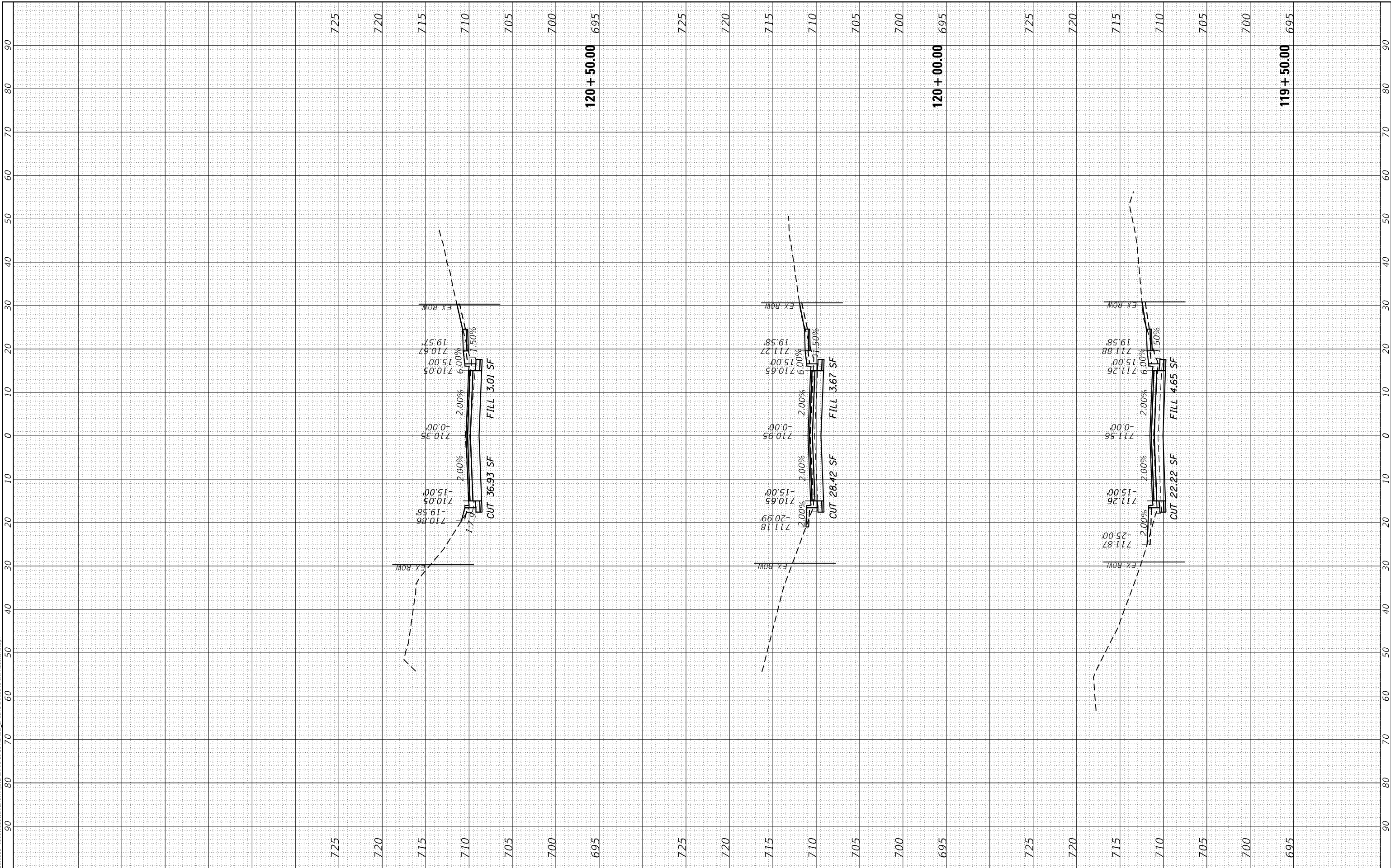
SCALE: 10H 5V    SHEET 15 OF 20 SHEETS    STA. 118+00.00 TO STA. 119+00.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 109
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D.rvt  
 USER: RaymondP  
 SHEET: 118 OF 110  
 DATE: 12/17/2020



**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

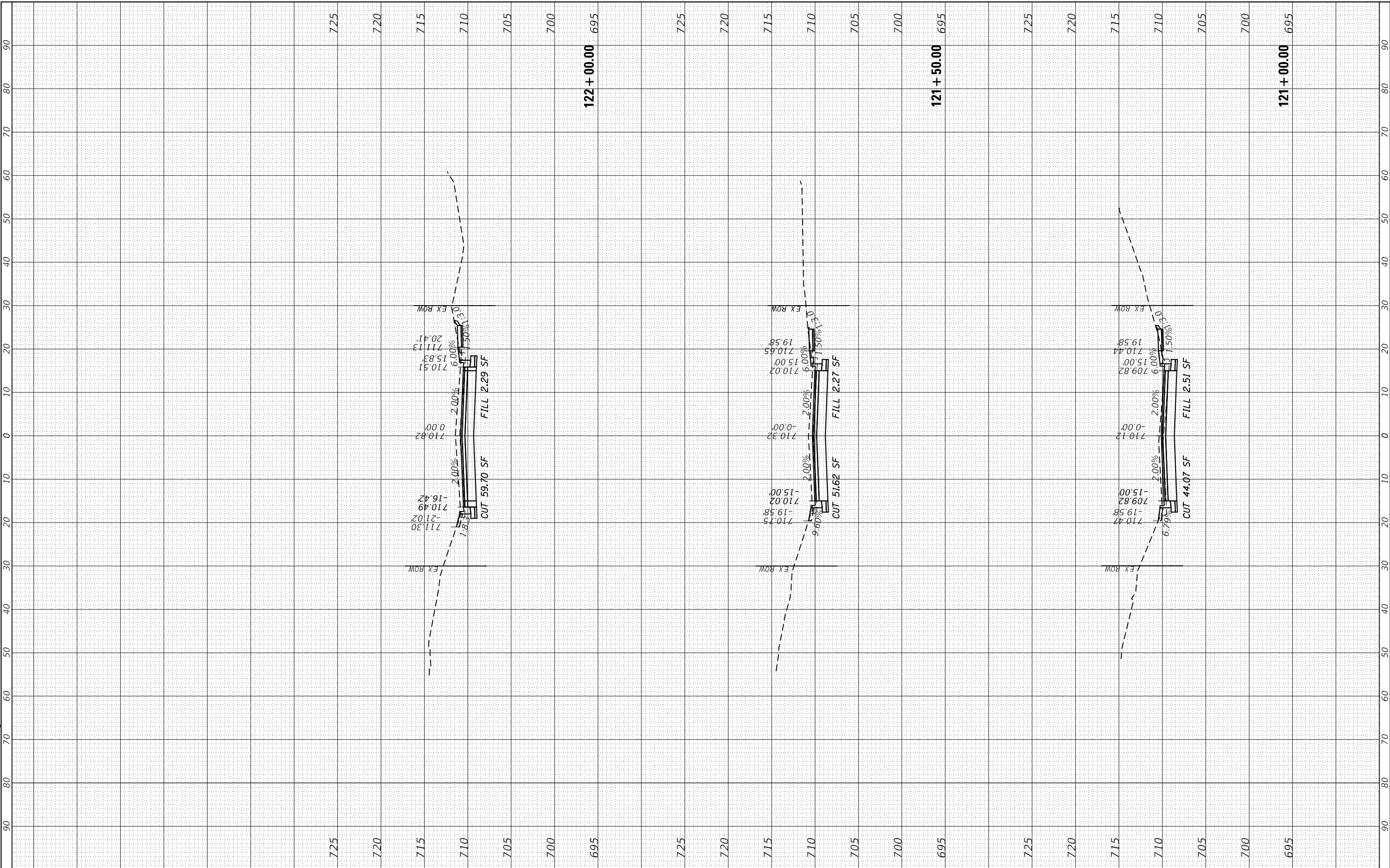
SCALE: 10H 5V SHEET 16 OF 20 SHEETS STA. 119+50.00 TO STA. 120+50.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 110
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\01\1300-1399\1335\021D.rvt\misc\CAD\misc\SSA\CADD\SSA\CADD\_SHEET\SD112345-shr3\settbln1.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

SCALE: 10H 5V    SHEET 17 OF 20 SHEETS    STA. 121+00.00 TO STA. 122+00.00

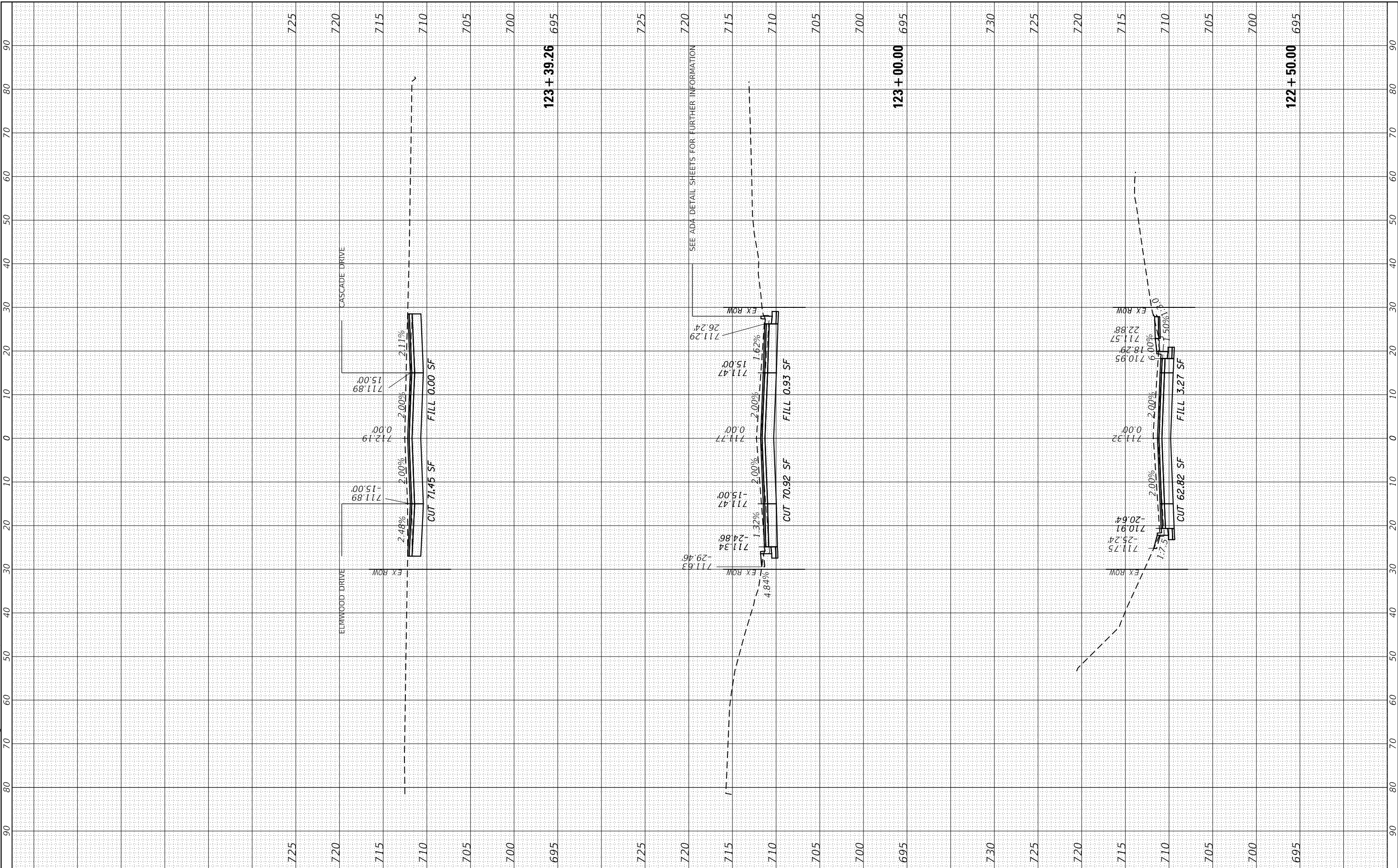
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 111
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D\rdw\ms\CAD\MicroStation\SSICADD\_SHEET.DSD\12345-Sht3-Settlis.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
**STRAND ASSOCIATES**  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

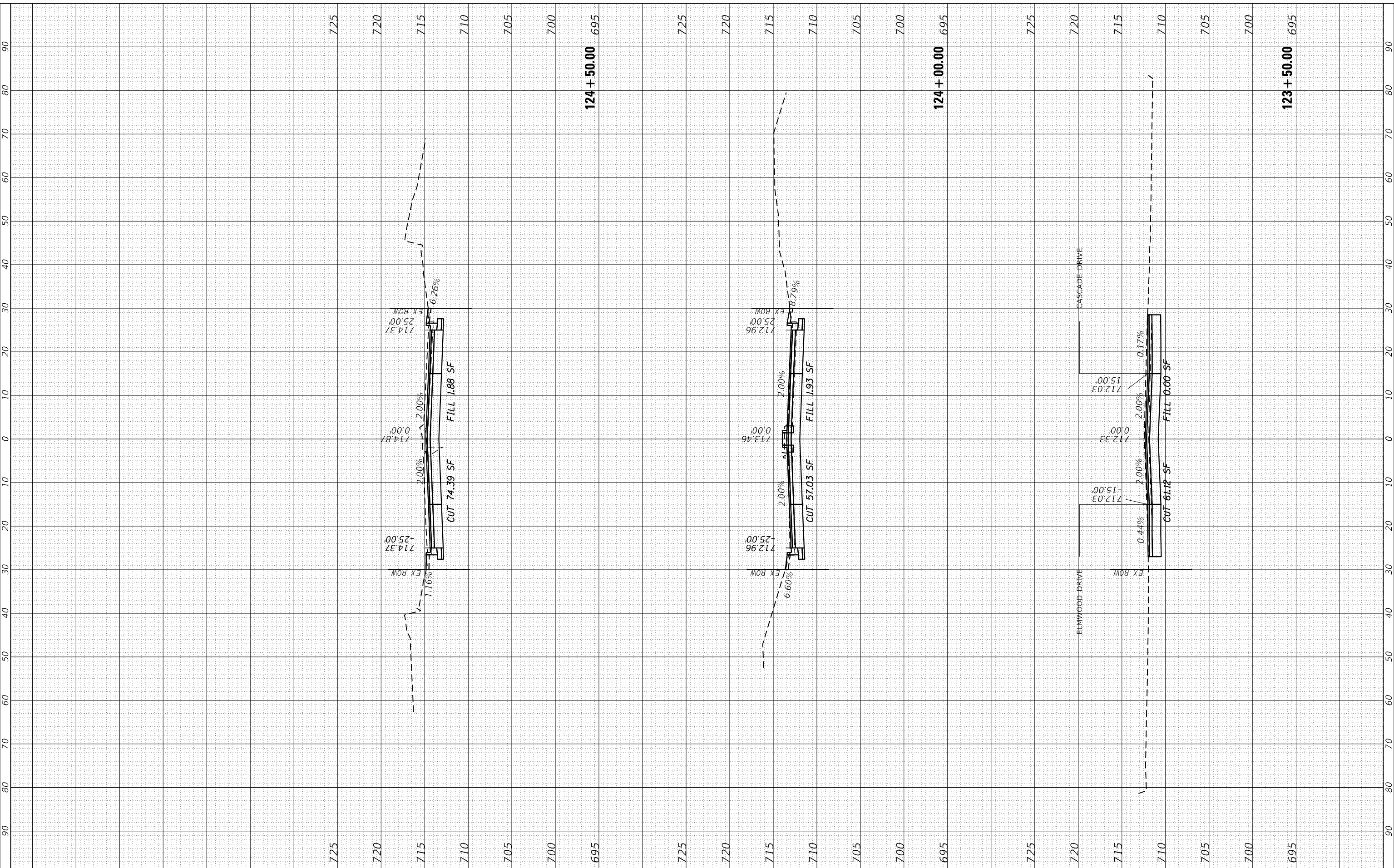
SCALE: 10H 5V    SHEET 18 OF 20 SHEETS    STA. 122+50.00 TO STA. 123+39.26

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 112
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D.rvt\misc\CAD\Misc\55\CAD\000 SHEET 123+50.00.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

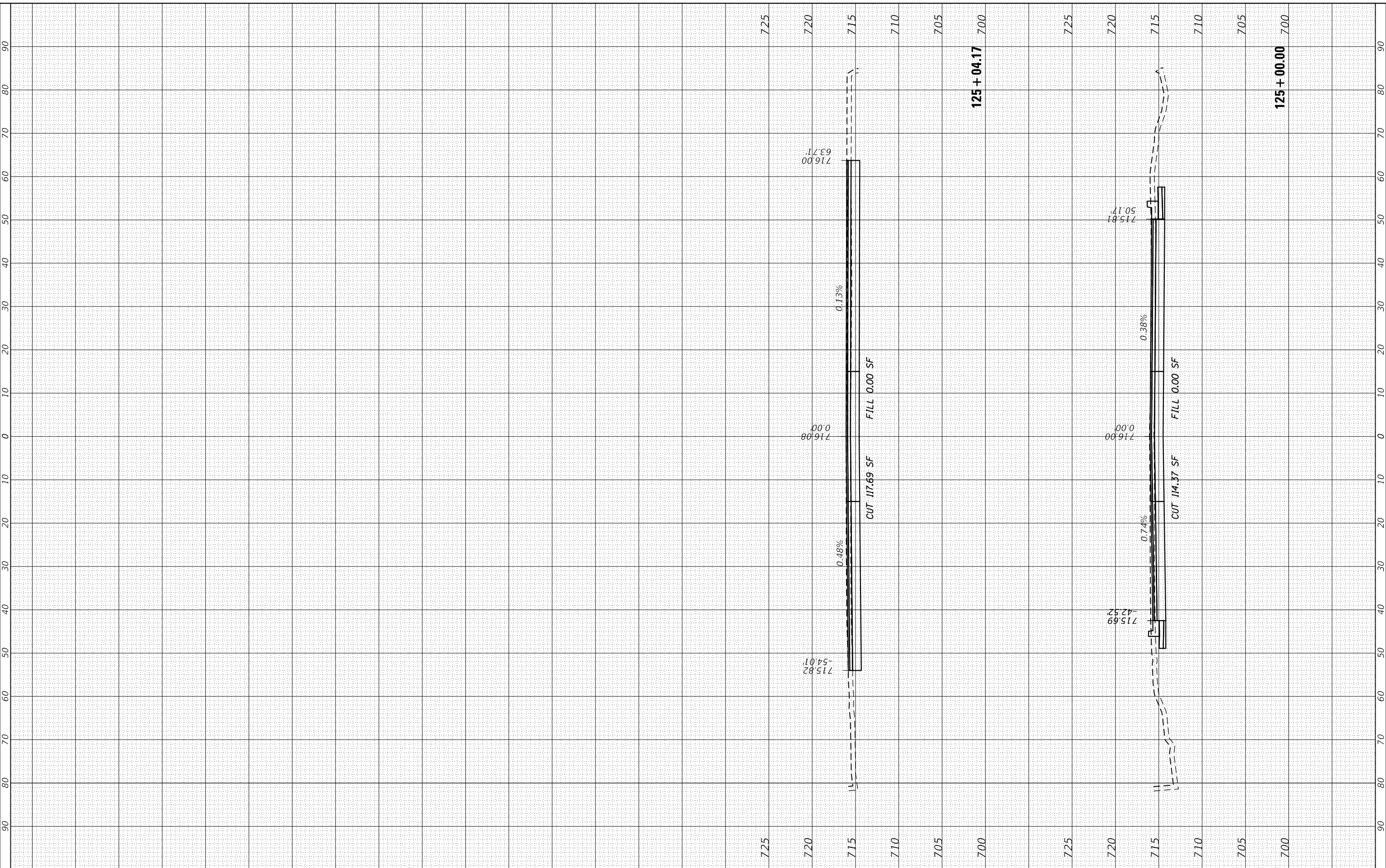
SCALE: 10H 5V    SHEET 19 OF 20 SHEETS    STA. 123+50.00 TO STA. 124+50.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 113
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1390\1335\021D\rdw\ms\CAD\MicroStation\12345-SHA-SHA-SECTION.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ACACIA DRIVE**

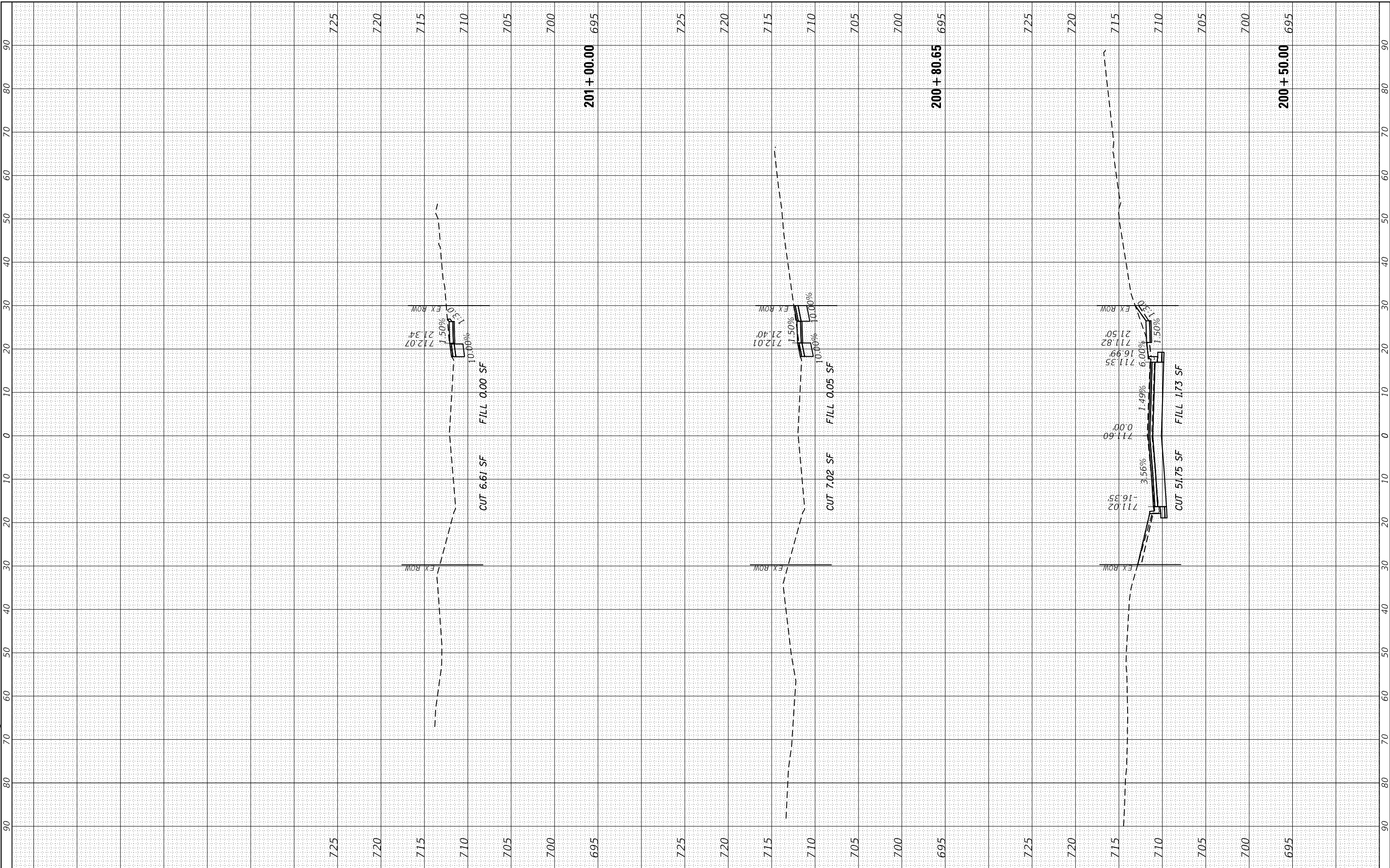
SCALE: 10H 5V SHEET 20 OF 20 SHEETS STA. 125+00.00 TO STA. 125+04.16

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 114
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\01\1300-1399\1335\021D.rvt\misc\CAD\misc\SSA\CADD\SH1EET\SD112345-sh1-3\Settlin-Cascade.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

DESIGNED - MAG	REVISED -
DRAWN - DJW	REVISED -
CHECKED - DWG	REVISED -
DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 CASCADE DRIVE**

SCALE: 10H 5V    SHEET 1 OF 4 SHEETS    STA. 200+50.00 TO STA. 201+00.00

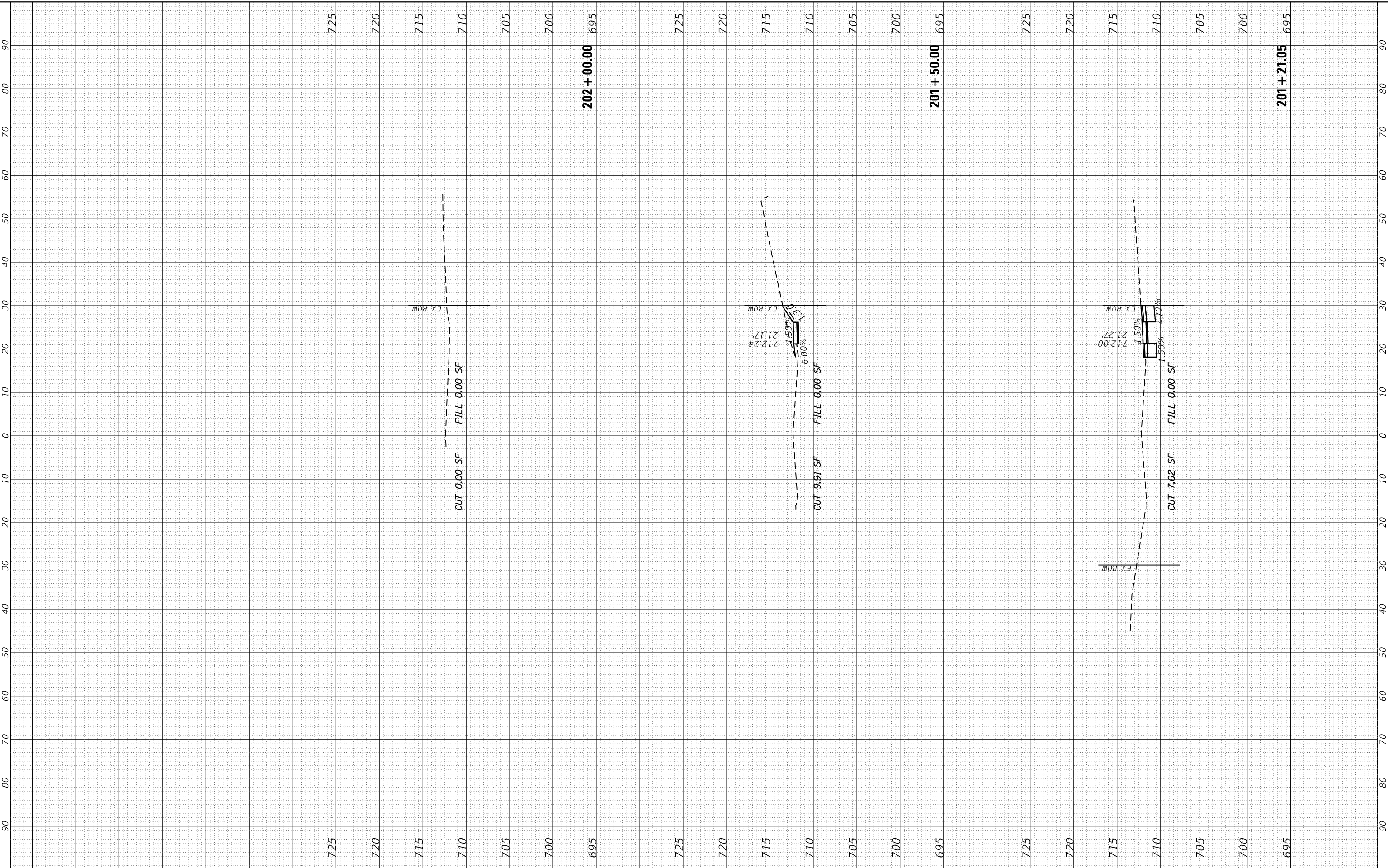
F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 115
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	



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

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

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1390\1335\021D.rvt\misc\CAD\Misc\SSA\CADD\_SHEET\SD112345-shr\Csetblns-Cascade.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 CASCADE DRIVE**

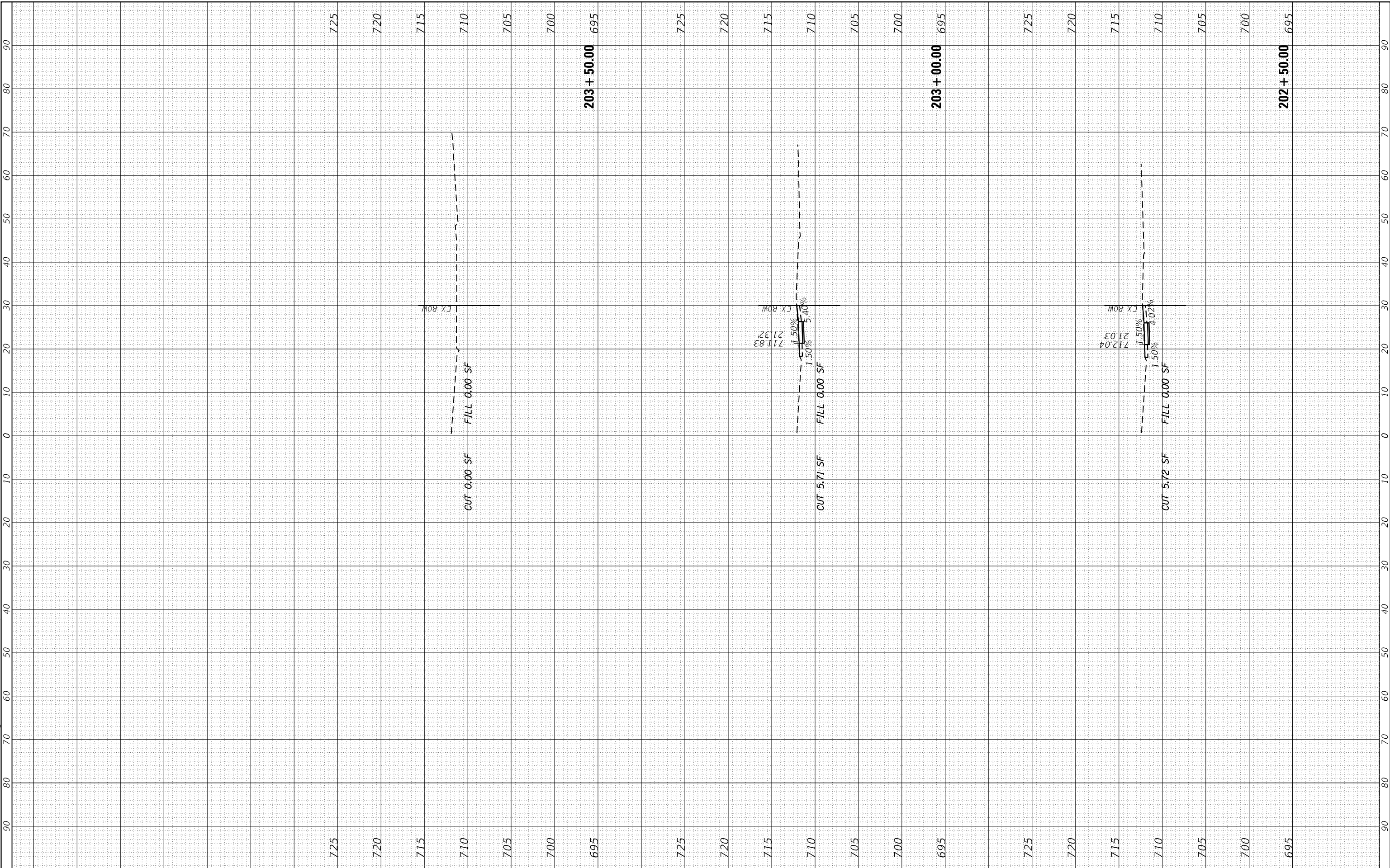
SCALE: 10H 5V    SHEET 2 OF 4 SHEETS    STA. 201+21.05 TO STA. 202+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1716	18-00013-00-FP	COOK	118	116
CONTRACT NO. 61G92				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1399\1335\021D\rdw\misc\CAD\Misc\SS\CAD\DWG\DWG\SS\12345-Sht-Cross-Sections-Cascade.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
**STRAND ASSOCIATES\***  
 (815) 744-4200

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 CASCADE DRIVE**

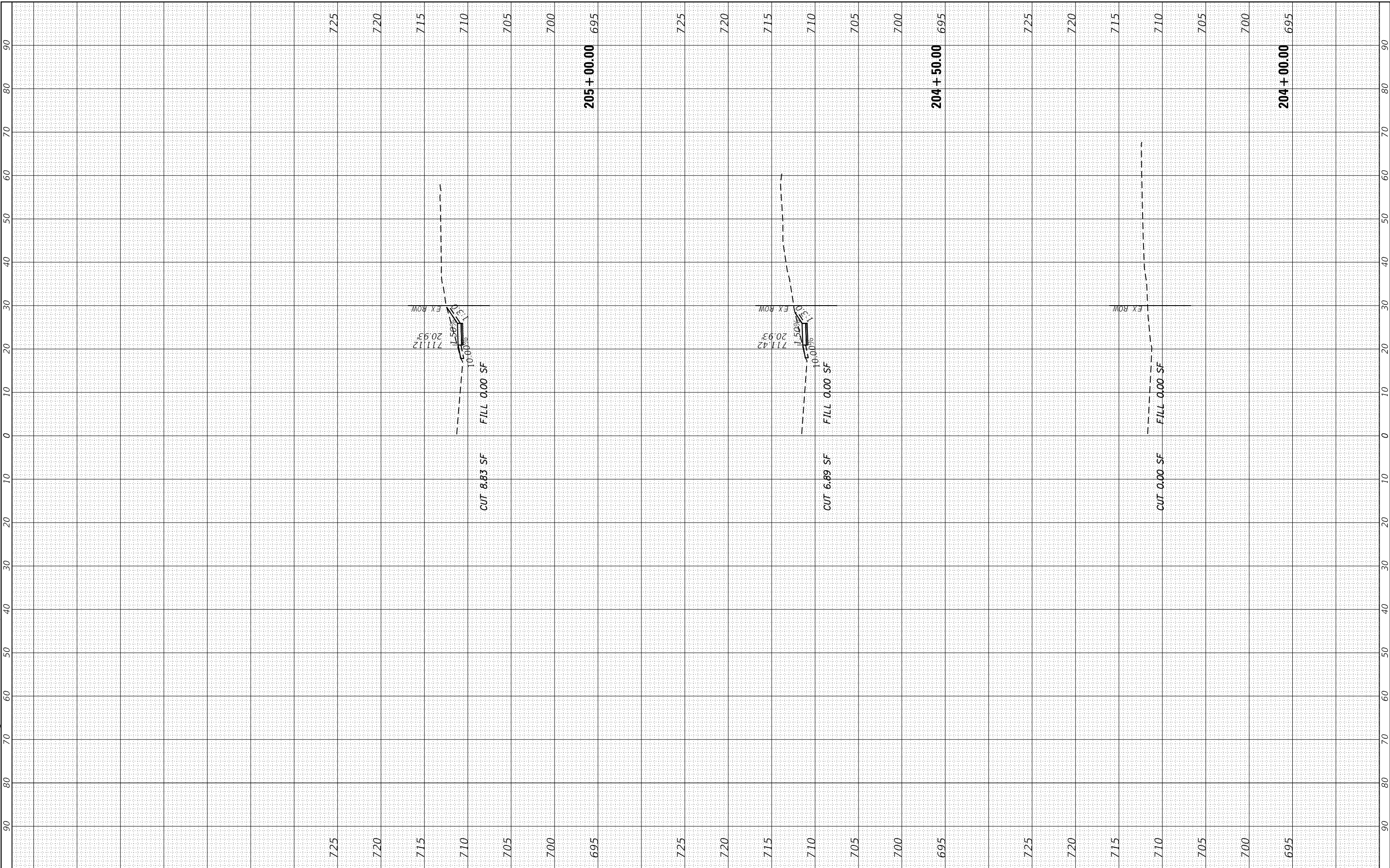
SCALE: 10H 5V    SHEET 3 OF 4 SHEETS    STA. 202+50.00 TO STA. 203+50.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 117
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defn.rvt  
 FILE NAME: S:\DALL1300-1390\1335\021D\dwg\18-CAD\Micros55\CAD000-SHEET1SD112345-Sht-CrossSec-Cascade.dgn



1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
**STRAND ASSOCIATES\***

USER NAME = RaymondP	DESIGNED - MAG	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 12/17/2020	CHECKED - DWG	REVISED -
	DATE - 12/23/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 CASCADE DRIVE**

SCALE: 10H 5V    SHEET 4 OF 4 SHEETS    STA. 204+00.00 TO STA. 205+00.00

F.A. RTE. 1716	SECTION 18-00013-00-FP	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 118
CONTRACT NO. 61G92			ILLINOIS FED. AID PROJECT	