

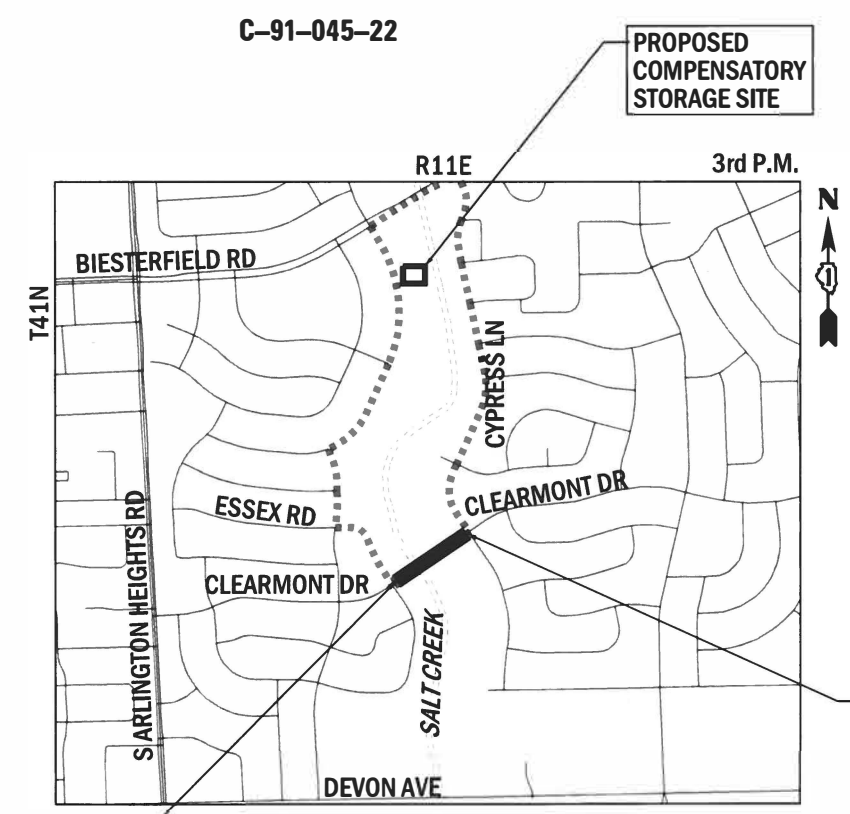
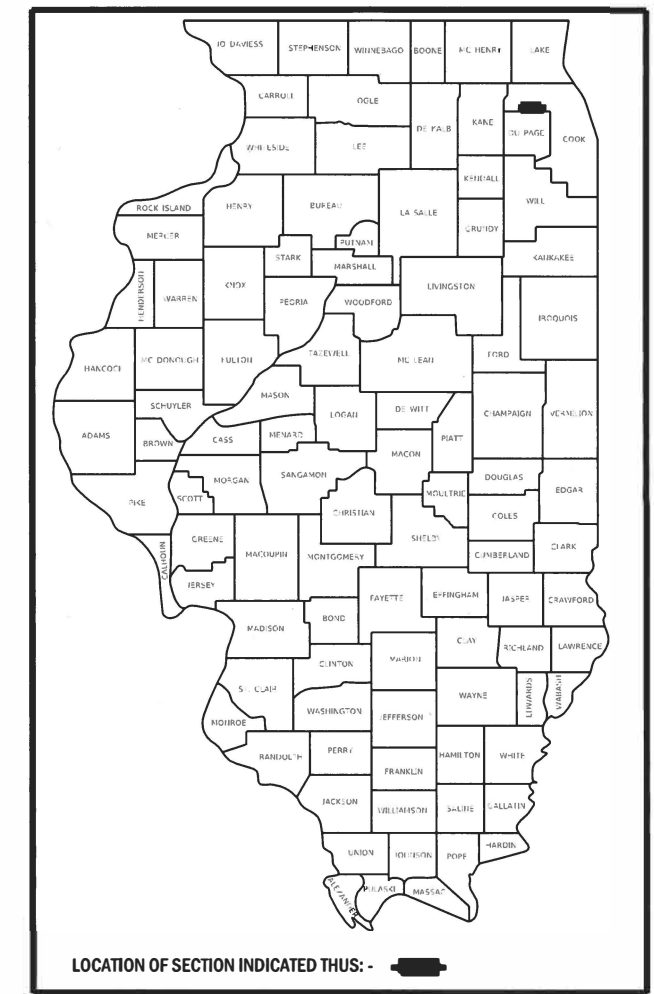
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	1
		ILLINOIS	CONTRACT NO. 61110	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

01-20-2023 LETTING ITEM 045

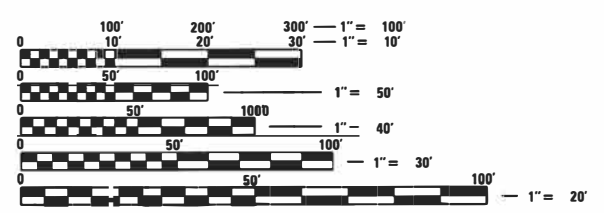
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**  
CLEARMONT PEDESTRIAN BRIDGE  
OVER SALT CREEK  
BRIDGE REPLACEMENT  
SECTION: 18-00066-00-BR  
PROJECT: 0LA3(176)  
ELK GROVE VILLAGE  
COOK COUNTY



PROJECT BEGINS  
STA 99+23.39

PROJECT ENDS  
STA 105+27.00

LOCATION MAP  
NOT TO SCALE  
PROJECT NET AND GROSS LENGTH = 603.61 LIN FT (0.11 MILE)



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. # X0511156  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

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

Professional Engineer Seal: JAY C. COLEMAN, LICENSED PROFESSIONAL ENGINEER, STATE OF ILLINOIS, LICENSE NO. 062-58288, LICENSE EXPIRES 11-30-2023.

PROJECT MANAGER: [Signature]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: 9-30-2022  
[Signature]  
ELK GROVE VILLAGE, CHIEF ENGINEER

PASSED: NOV 2 2022  
[Signature]  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED REVIEW: NOVEMBER 2, 2022  
[Signature]  
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 61110





STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2023  
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**A. REFERENCED SPECIFICATIONS**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:  
 \* STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;  
 \* STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;  
 \* VILLAGE OF ELK GROVE VILLAGE MUNICIPAL CODE;  
 \* THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;  
 \* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

**B. NOTIFICATIONS**

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
- THE VILLAGE OF ELK GROVE VILLAGE ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-992-0123.

**C. GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS ZERO (0) FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

**D. SANITARY SEWER**

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4" THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:  
 a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.  
 b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.  
 c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

**E. EROSION AND SEDIMENT CONTROL**

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:  
 a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.  
 b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.



USER NAME = cztoczyński	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	FILE - 200852-sht-MWRDnotes_01.dgn

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:AS SHOWN				SHEET 1 OF 1 SHEETS				STA. N/A TO STA. N/A			
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**MWRD GENERAL NOTES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	3
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				





# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% VILL	80% FED 20% VILL	0% FED 100% VILL	80% FED 20% VILL	80% FED 20% VILL	
				ROADWAY	BRIDGE	BRIDGE	LIGHTING	TRAINING	
				0028	0028	0028	0028	0042	
20000510	INLET FILTERS	EACH	3	3					
20100107	STONE RIPRAP, CLASS A4	SQ YD	184		184				
20200200	FILTER FABRIC	SQ YD	184		184				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CJ YD	17	17					
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	54	54					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	68	68					
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	187	187					
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	145	145					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	30	30					
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	34	34					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	805	805					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	34	34					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	186	186					
44000600	SIDEWALK REMOVAL	SQ FT	938	938					
50100200	REMOVAL OF EXISTING STRUCTURES	L SLAB	1		1				

\* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2023  
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USER NAME = cstuczynski	DESIGNED - MLH	REVISED -
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PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	FILE - 200852-sht-SOQ_BAX.dgn

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	5
CONTRACT NO. 61J10			ILLINOIS FED. AID PROJECT	



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% VILL	80% FED 20% VILL	0% FED 100% VILL	80% FED 20% VILL	80% FED 20% VILL	
				ROADWAY	BRIDGE	BRIDGE	LIGHTING	TRAINING	
				0028 URBAN	0028 URBAN	0028 URBAN	0028 URBAN	0042 URBAN	
55101200	STORM SEWER REMOVAL 24"	FOOT	38	38					
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	168		168				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	52		52				
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	100		100				
60200105	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60221100	MAN-HOLES, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60224005	MAN-HOLES, TYPE A, 6-DIAMETER, TYPE 8 GRATE	EACH	1	1					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2					
* 65900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20	20					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15					
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12	12					
67100100	MOBILIZATION	L SUM	1	1					

\* INDICATES SPECIALTY ITEM

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	PLOT SCALE = 10,000' = 1" = 100'	DRAWN - KAR	REVISED -
	PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
		DATE - 10/31/2022	FILE - 200852-sht-500 BAX.dgn

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	7
CONTRACT NO. 61J10				
(ILLINOIS) FED. AID PROJECT				

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% VILL	80% FED 20% VILL	0% FED 100% VILL	80% FED 20% VILL	80% FED 20% VILL	
				ROADWAY	BRIDGE	BRIDGE	LIGHTING	TRAININGS	
				0028 URBAN	0028 URBAN	0028 URBAN	0028 URBAN	0042 URBAN	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	69	69					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	108	108					
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2				2		
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				1		
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	50				50		
81303500	JUNCTION BOX ATTACHED TO STRUCTURE 10" X 6" X 6"	EACH	2				2		
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	250				250		
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,000				1,000		
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V DLT, 60AMP	EACH	2				2		
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	24				24		
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7				7		
84200804	REMOVAL OF POLE FOUNDATION	EACH	6				6		
A 2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER BALLED AND BURLAPPED	EACH	5	5					
* K 0036120	MULCH PLACEMENT 4"	SQ YD	68	68					

\* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2023  
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 PROJECT: 200852 - Clearmont Ped Bridge  
 FILE: 200852-sht-SOQ\_BAX.dgn



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PLOT DATE = 11/15/2022	DATE - 10/31/2022	FILE - 200852-sht-SOQ_BAX.dgn

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	8
CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FED 20% VILL	80% FED 20% VILL	0% FED 100% VILL	80% FED 20% VILL	80% FED 20% VILL
				ROADWAY	BRIDGE	BRIDGE	LIGHTING	TRAINING
				0028 URBAN	0028 URBAN	0028 URBAN	0028 URBAN	0042 URBAN
X0300266	WOODEN FENCE REMOVAL	FOOT	292	292				
X0322135	BOLLARDS, QUICK RELEASE	EACH	2	2				
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	5,066		5,066			
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1				
X0324050	BOLLARD, LED	EACH	18				18	
X0327036	BIKE PATH REMOVAL	SQ YD	367	367				
X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1				1	
X0327999	ANTI-GRAFFITI COATING	SQ FT	1,215			1,215		
X0426200	DEWATERING	L SUM	1	1				
X1400431	LIGHTING ASSEMBLY (SPECIAL)	EACH	52				52	
X1900003	SEEDING, CLASS 5B (MODIFIED)	ACRE	0.25	0.25				
X130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100				
X0500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	0.25	0.25				
X0501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.25	0.25				
X0501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	0.5	0.5				

\* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	9
			CONTRACT NO. 61110	
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% VILL	80% FED 20% VILL	0% FED 100% VILL	80% FED 20% VILL	80% FED 20% VILL	
				ROADWAY	BRIDGE	BRIDGE	LIGHTING	TRAINEES	
				0028 URBAN	0028 URBAN	0028 URBAN	0028 URBAN	0042 URBAN	
* X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.5	0.5					
* X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.25	0.25					
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	3,315	3,315					
X4021080	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1					
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH SPECIAL	SQ FT	1,678	1,678					
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	100	100					
X4420174	CLASS D PATCHES, TYPE M, 8 INCH (SPECIAL)	SQ YD	91	91					
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	381		381				
X6060082	COMBINATION CONCRETE CURB AND GUTTER TYPE M-8 12 (SPECIAL)	FOOT	232	232					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1					
Z0004002	BOLLARDS	EACH	4	4					
* Z0007124	STEEL RAILING (SPECIAL)	FOOT	48		48				
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	632	632					
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1					
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	22	22					

\* INDICATES SPECIALTY ITEM

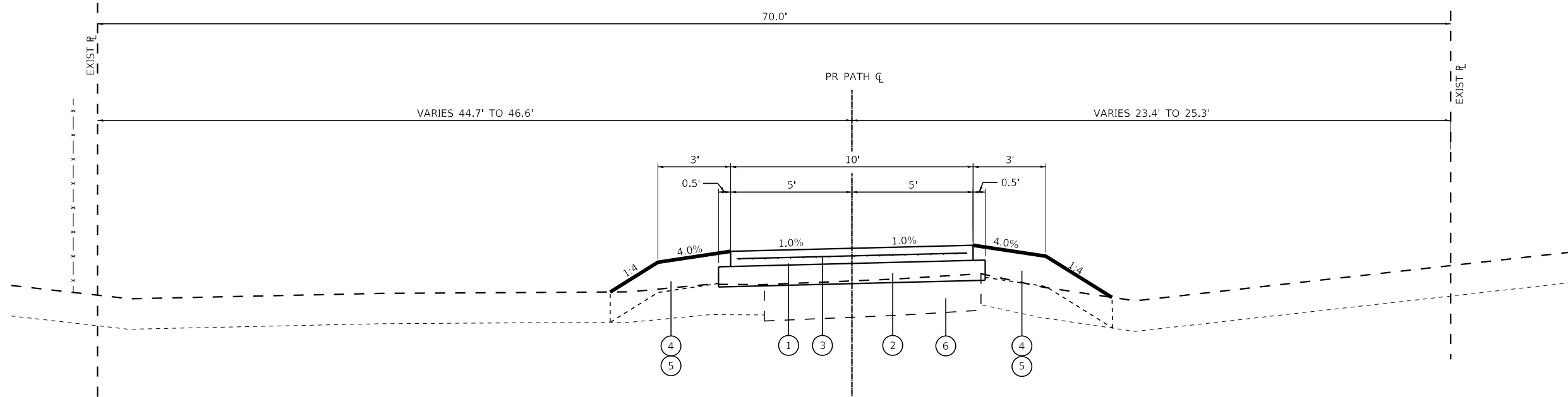
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	PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -			CONTRACT NO. 61J10				
	DATE = 10/31/2022	FILE - 200852-sht-SQO_BAX.dgn	SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.							
ILLINOIS FED. AID PROJECT										









**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

CONTRACTOR SHALL MILL BEFORE PATCHING

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
<b>CLASS D PATCHING (SPECIAL)</b>		
HMA SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 Gyr.	LR 1030-2
HMA BINDER IL-19.0; 6"	4% @ 50 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); PER LR 1030-2		

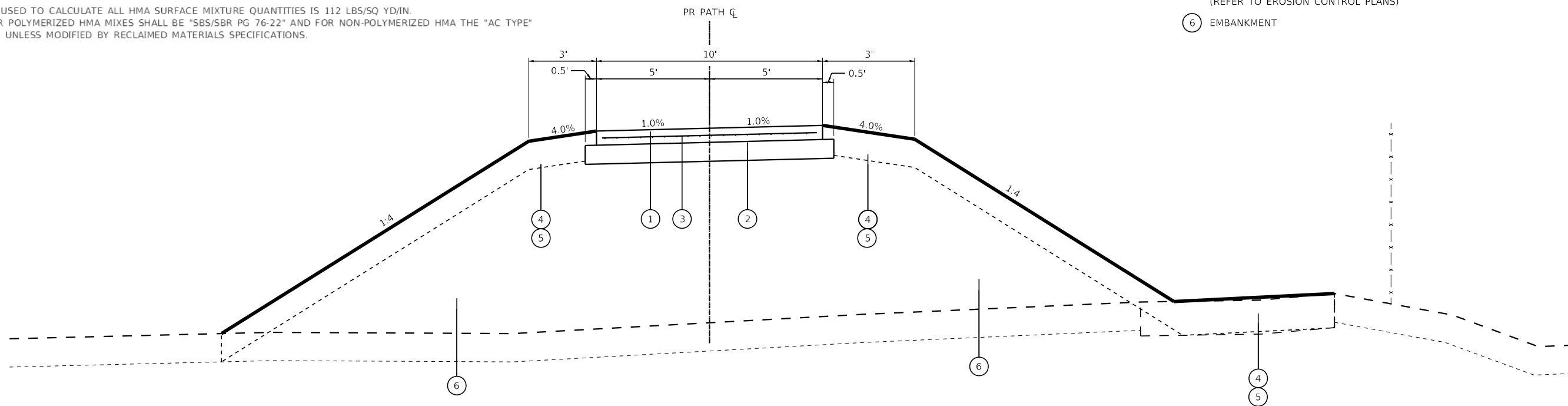
**PROPOSED TYPICAL SECTION NO. 1**

STA. 99+25.06 TO STA. 100+56.40  
(BRIDGE OMISSION STA. 100+56.40 TO STA. 104+09.60)

**LEGEND - PROPOSED**

- ① BIKE PATH (PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL)
- ② SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ③ WELDED WIRE REINFORCEMENT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL)
- ④ TOPSOIL PLACEMENT, 6" (TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
- ⑤ SEEDING/EROSION CONTROL BLANKET (REFER TO EROSION CONTROL PLANS)
- ⑥ EMBANKMENT

NOTES:  
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

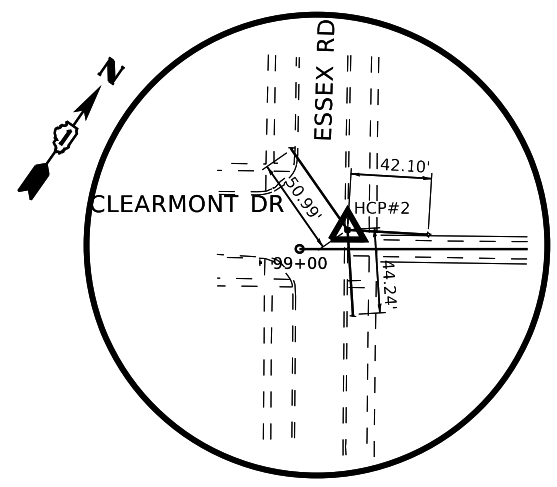
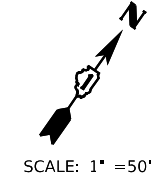
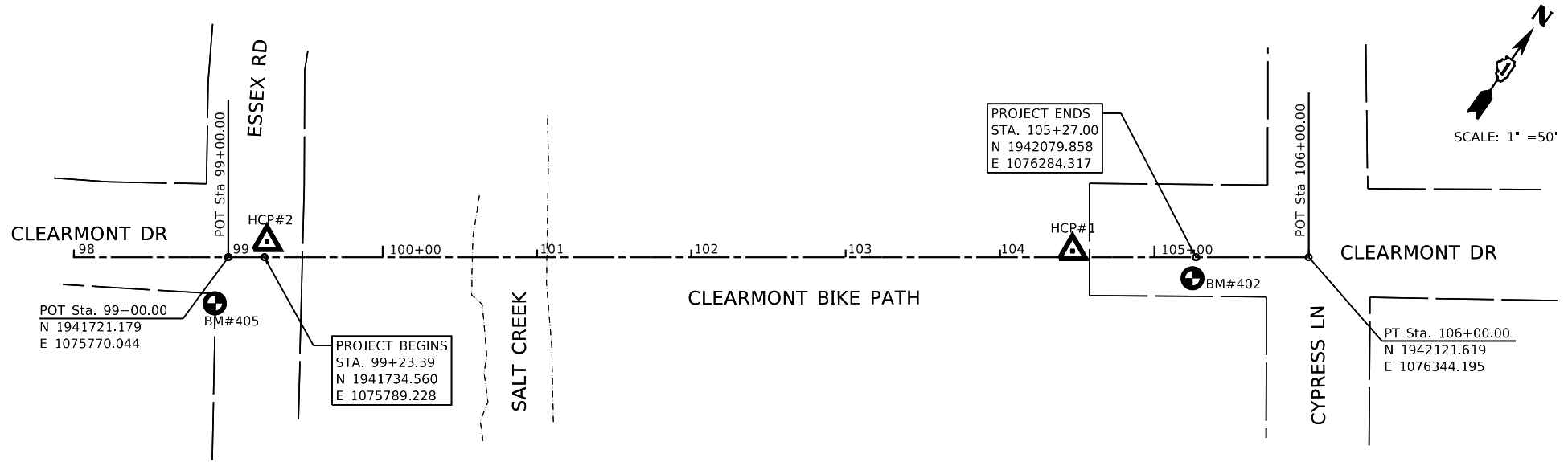


**PROPOSED TYPICAL SECTION NO. 2**

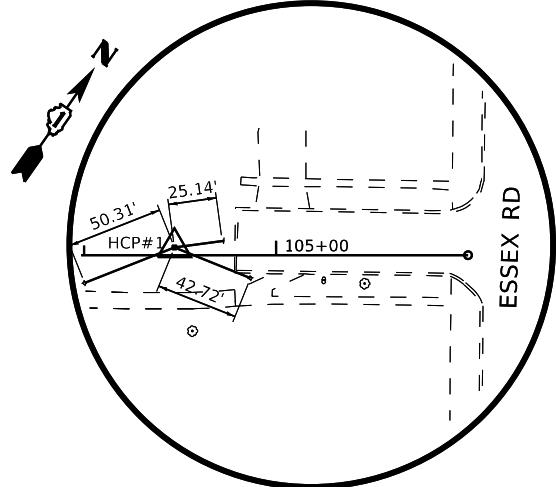
STA. 104+09.60 TO STA. 104+71.82

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<b>BAXTER &amp; WOODMAN</b> Consulting Engineers	USER NAME = cstoczynski	DESIGNED - MLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED - JCC	REVISED -		<b>PROPOSED TYPICAL SECTIONS</b>			18-00066-00-BR		COOK	72	13
PLOT DATE = 10/31/2022	DATE - 10/31/2022	FILE - 200852-sht-typ_02.dgn	SCALE: AS SHOWN			SHEET 2	OF 2	SHEETS	STA.	TO STA.		
ILLINOIS FED. AID PROJECT										CONTRACT NO. 61110		



HORIZONTAL CONTROL POINT NO. 2



HORIZONTAL CONTROL POINT NO. 1

**VERTICAL REFERENCE MARK**

NOTE:  
THE HORIZONTAL DATUM USED IS STATE PLANE COORDINATES.  
THE VERTICAL DATUM USED IS NAVD 88.

**LEGEND**

- = BENCH MARK (BM) LOCATION
- = HORIZONTAL CONTROL POINT (HCP) LOCATION

HORIZONTAL CONTROL POINTS (NAD 83)							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1942037.388	1076216.406	681.317	PRPATH	104+47.00	4.01' LT	SET IRON ROD W/CAP
2	1941743.628	1075784.835	685.400	PRPATH	99+24.97	9.95' LT	CHISELED CROSS

BENCH MARKS (NAVD 88)							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
402	1942067.327	1076290.239	684.78	PRPATH	105+24.69	13.67' RT	SW FLANGE BOLT ON FIRE HYDRANT
405	1941691.651	1075779.926	686.63	PRPATH	98+91.21	29.9' RT	NW FLANGE BOLT ON FIRE HYDRANT

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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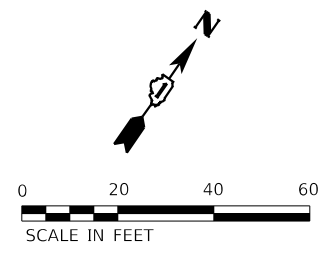
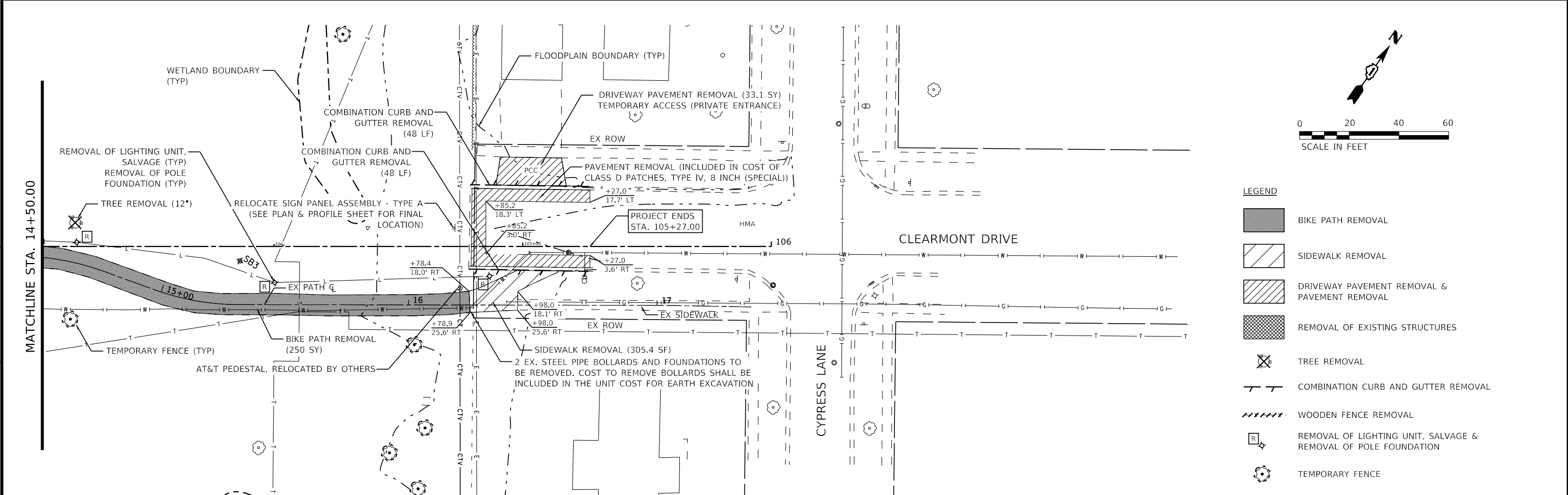
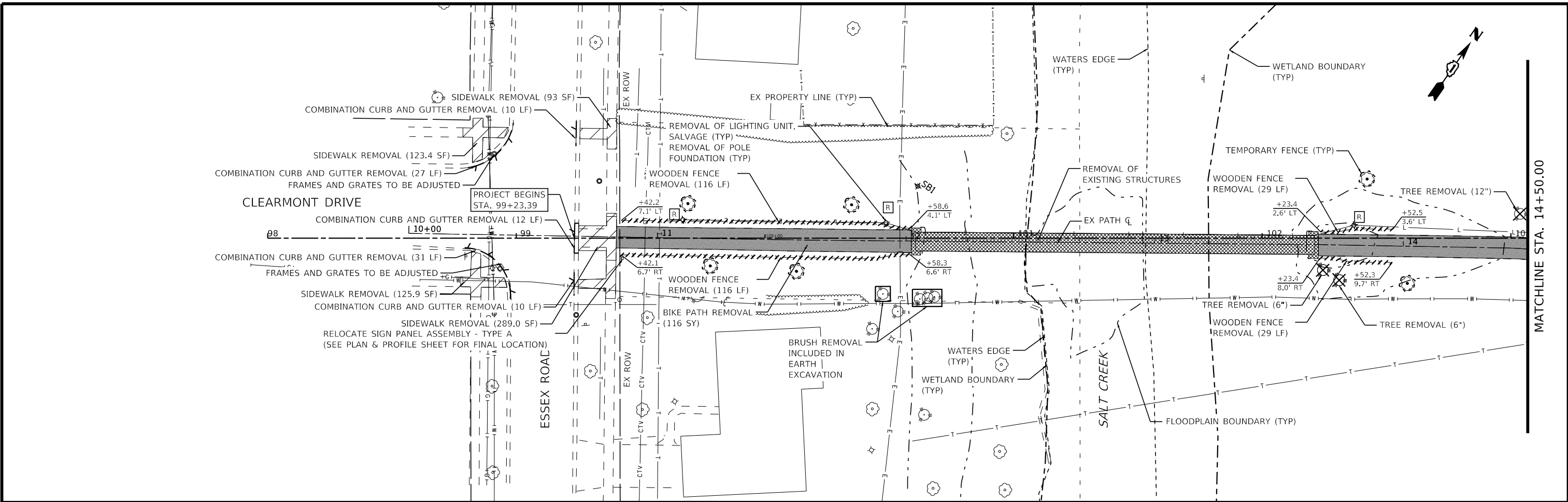
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
ALIGNMENT, TIES & BENCHMARKS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61110	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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- LEGEND**
- BIKE PATH REMOVAL
  - SIDEWALK REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL & PAVEMENT REMOVAL
  - REMOVAL OF EXISTING STRUCTURES
  - TREE REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - WOODEN FENCE REMOVAL
  - REMOVAL OF LIGHTING UNIT, SALVAGE & REMOVAL OF POLE FOUNDATION
  - TEMPORARY FENCE



USER NAME = cscoczynski	DESIGNED - MLH	REVISED -
DRAWN - KAR	REVISIONS -	
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

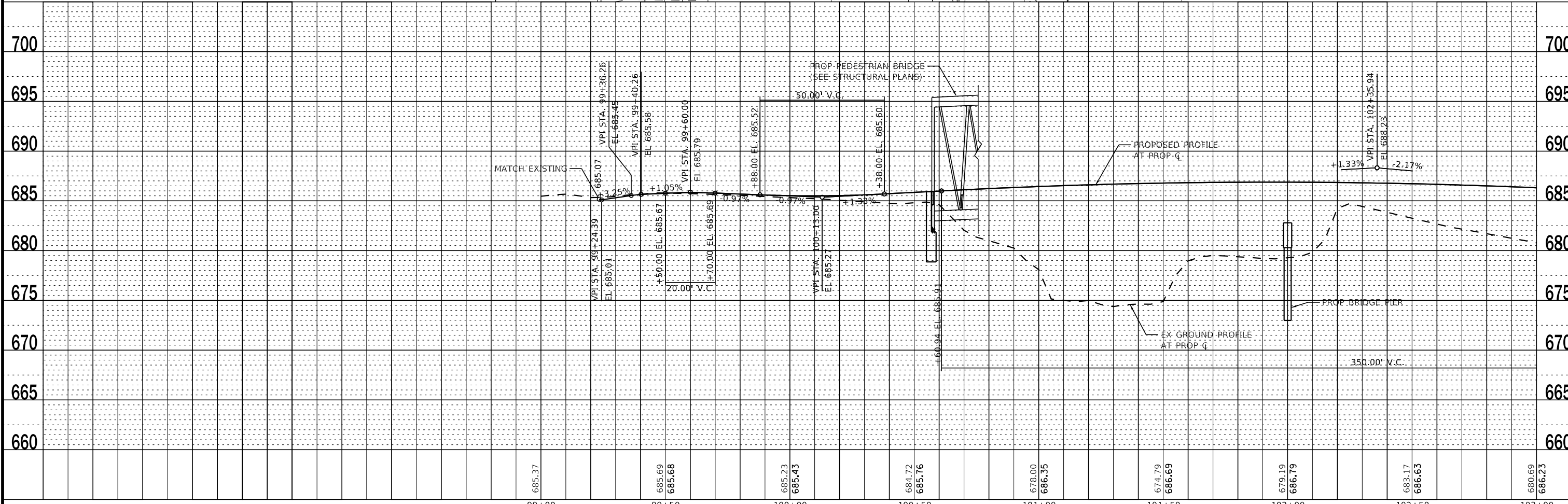
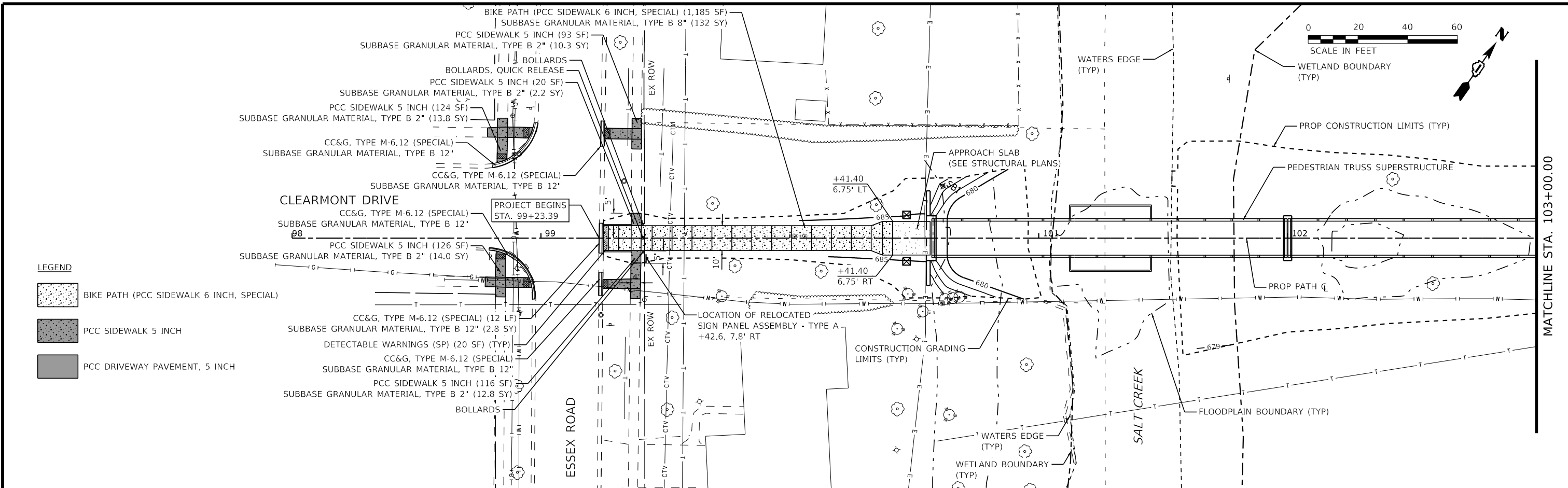
**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 REMOVAL PLAN**

SCALE: 1"=20'

SHEET 1 OF 1 SHEETS STA. 99+23.39 TO STA. 105+27.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	15
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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DESIGNED - MLH  
 DRAWN - KAR  
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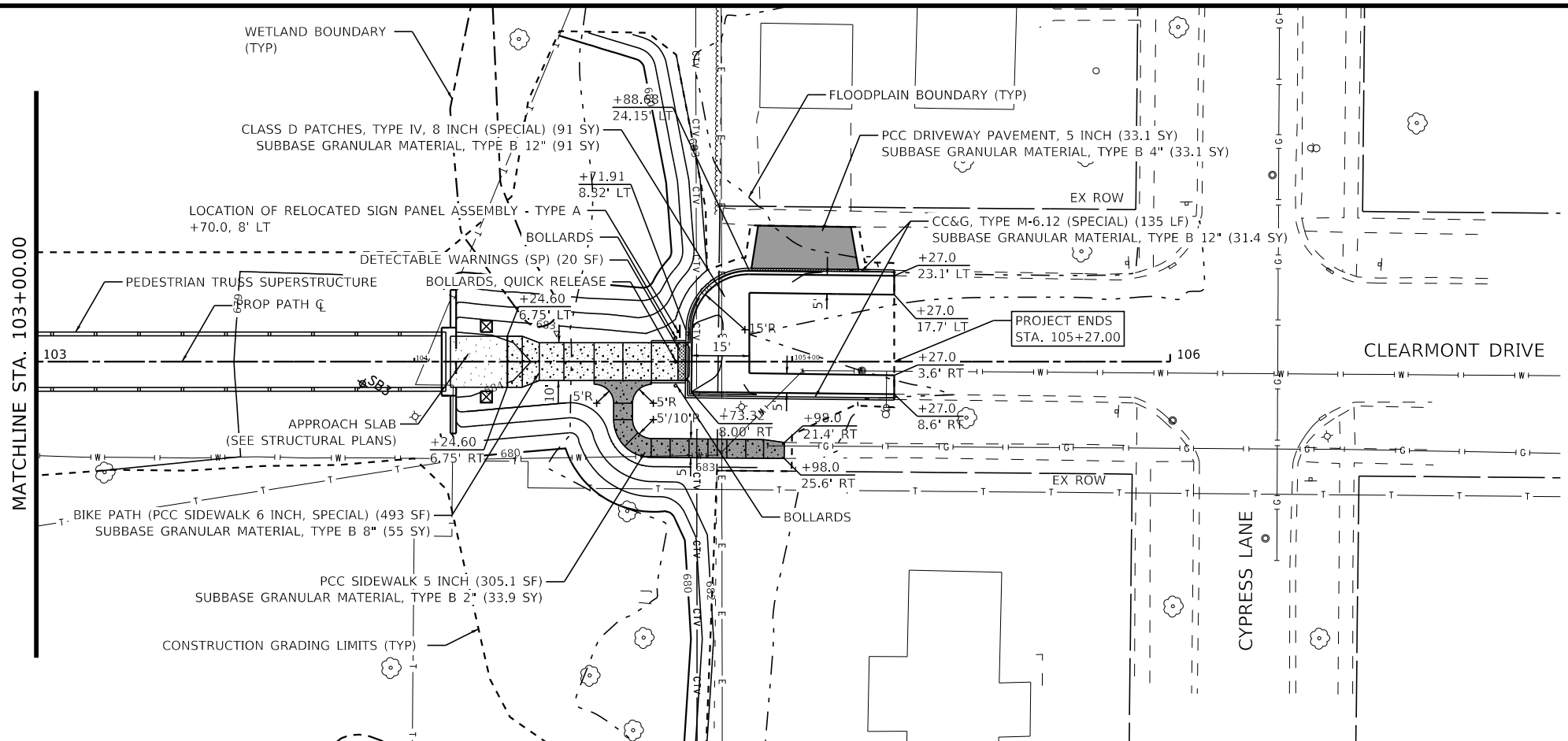
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 PLAN & PROFILE

SCALE: H: 1"=40' V: 1"=5' SHEET 1 OF 2 SHEETS STA. 99+23.39 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	16
CONTRACT NO. 61110				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

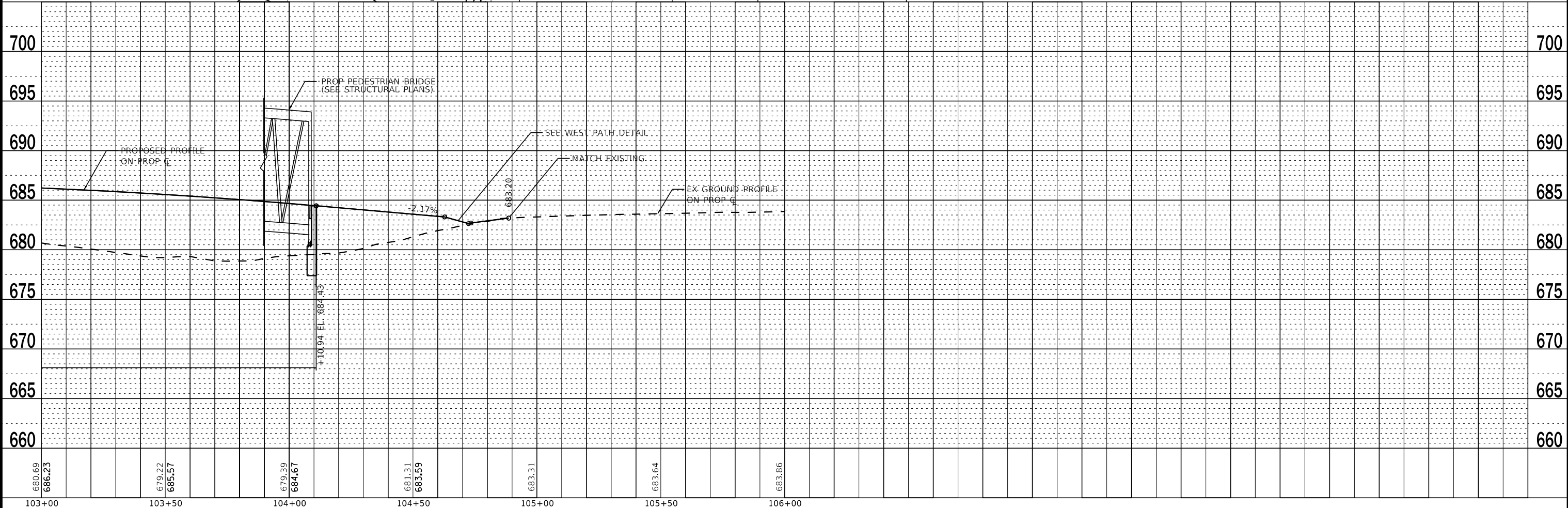
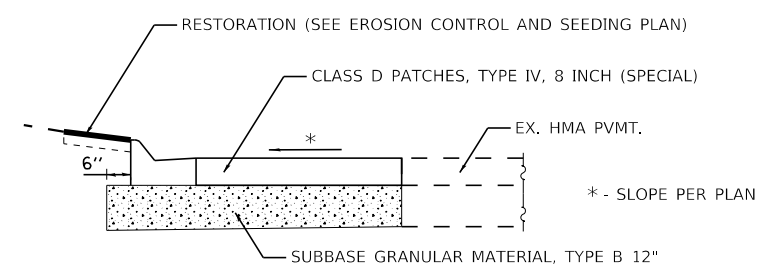




**LEGEND**

- BIKE PATH (PCC SIDEWALK 6 INCH, SPECIAL)
- PCC SIDEWALK 5 INCH
- PCC DRIVEWAY PAVEMENT, 5 INCH

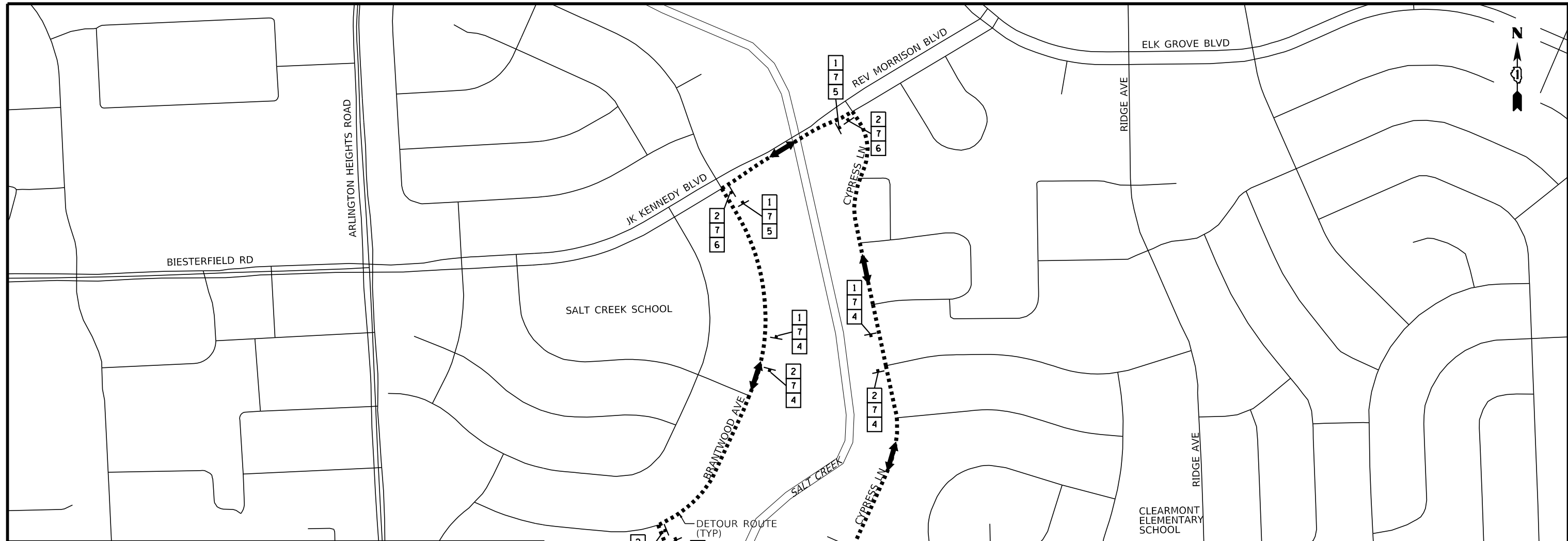
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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<b>BAXTER &amp; WOODMAN</b> Consulting Engineers	USER NAME = cstoczynski	DESIGNED - MLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 " / in.	CHECKED - JCC	REVISED -		<b>PLAN &amp; PROFILE</b>			18-00066-00-BR	COOK	72	17	
PLOT DATE = 10/31/2022	DATE - 10/31/2022	FILE - 200852-sht-plnprf_02.dgn	SCALE: H: 1"=20' V: 1"=5'		SHEET 2 OF 2 SHEETS			STA. 103+00.00 TO STA. 105+27.00		CONTRACT NO. 61110		
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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**LEGEND**

- PEDESTRIAN TRAFFIC FLOW
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TYPE II BARRICADE
- SIGN PANEL ASSEMBLY
- DETOUR SIGN ASSEMBLY WITH STREET NAME AND DIRECTION PLATES (NUMBER DENOTES TYPE)
- WORK ZONE

**TYPICAL DETOUR SIGN ASSEMBLIES**

- "DETOUR SIGN ASSEMBLY"
- EAST M3-1 OR M3-3
  - Clearmont Dr D3
  - DETOUR M4-9aL, M4-9aR OR M4-9a (MOD)
  - END DETOUR M4-8A-2418
  - DETOUR M4-9aR
  - DETOUR M4-9aL
  - Clearmont Drive D3-(O)3612-VAR
  - TRAIL CLOSED R11-2-3030 (MOD)

**SCHEDULE OF DETOUR SIGNS**

SIGN NO.	SIGN	MUTCD CODE-SIZE
1		M3-1(O)-2412
2		M3-3(O)-2412
3		M4-8A-2418
4		M4-9a (MOD)

**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A PROPOSED CONSTRUCTION STAGING PLAN 21 DAYS PRIOR TO IMPLEMENTATION AND MEET WITH THE ENGINEER AND REPRESENTATIVES OF THE VILLAGE TO ASCERTAIN THE SCHEDULE OF THE TRAFFIC STAGING AND POSSIBLE CHANGES.
2. THE CONTRACTOR SHALL CALL J.U.L.I.E. BEFORE INSTALLING SIGNS.
3. BRIDGE CLOSURE SIGNAGE SHALL NOT BE INSTALLED ON ANY STREET POLES OR SIGNAL POLES.
4. MOT SIGNAGE SHALL NOT BLOCK ANY EXISTING SIGNS AND CANNOT USE THE EXISTING SIGN POSTS.
5. THE DETOUR SIGN CONFIGURATION FOLLOWS IDOT DISTRICT ONE STANDARD TC-21.
6. SIGNS SHALL BE POST MOUNTED IF USED FOR MORE THAN 7 DAYS.

USE IDOT HIGHWAY STANDARD 701801 FOR SIDEWALK CLOSURE ON WEST SIDE OF ESSEX DR.



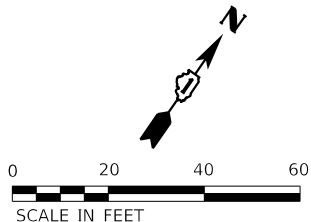
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	DATE - 10/31/2022	FILE - 200852-sht-mot_01.dgn

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC PLAN  
 PEDESTRIAN DETOUR ROUTE**

SCALE: 1"=250' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	18
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				



SEEDING, CLASS 1B (0.002 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (11 SY)

SEEDING, CLASS 1B (0.003 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (14 SY)

SEEDING, CLASS 1B (0.001 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (4 SY)

SEEDING, CLASS 1B (0.004 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (18 SY)

SEEDING, CLASS 1B (0.003 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (14 SY)

SEEDING, CLASS 1B (0.001 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (5 SY)

SEEDING, CLASS 1B (0.02 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (96 SY)

SEEDING, CLASS 1B (0.02 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (99 SY)

SEEDING, CLASS 4 (MODIFIED) (0.25 AC)  
SEEDING, CLASS 5A (MODIFIED) (0.25 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (78 SY)

SEEDING, CLASS 4A (MODIFIED) (0.01 AC)  
SEEDING, CLASS 5 (MODIFIED) (0.01 AC)  
W/ EROSION CONTROL BLANKET (SPECIAL) (43 SY)

PERIMETER EROSION BARRIER  
(SILT FENCE)  
180 LF

TEMPORARY FENCE  
115 LF

TEMPORARY FENCE  
106 LF

SEE DETAIL A

STONE RIPRAP,  
CLASS A4 W/  
FILTER FABRIC  
(3.8 SY)

STONE RIPRAP,  
CLASS A4 W/  
FILTER FABRIC  
(62.1 SY)  
(SEE STRUCTURAL  
PLANS) (TYP)

**LEGEND**

- SEEDING, CLASS 1B  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4B (MODIFIED)  
SEEDING, CLASS 5B (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4A (MODIFIED)  
SEEDING, CLASS 5 (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4 (MODIFIED)  
SEEDING, CLASS 5A (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- TURF REINFORCEMENT MAT
- SODDING
- STONE RIPRAP, CLASS A4  
W/ FILTER FABRIC
- PERIMETER EROSION BARRIER  
(SILT FENCE)
- 100-YR FLOODPLAIN BOUNDARY
- 10-YR FLOODPLAIN BOUNDARY
- FLOODPLAIN BOUNDARY
- WETLAND BOUNDARY
- WATERS EDGE
- TEMPORARY FENCE/MULCH PLACEMENT
- INLET FILTER (SPECIAL)
- PROPOSED TREE / TYPE  
QUERCUS MACROCARPA (BUR OAK)

**NOTES**

1. EROSION CONTROL BARRIER IS ONE FOOT BEYOND THE GRADING CONSTRUCTION LIMITS UNLESS OTHERWISE INDICATED.
2. ADD MULCH PLACEMENT 4" TO ANY EXISTING TREES TO BE PROTECTED WITHIN THE CONSTRUCTION LIMITS. SEE SPECIAL PROVISIONS.

CLEARMONT DRIVE

ESSEX ROAD

SALT CREEK

MATCHLINE STA. 103+00.00

PROJECT BEGINS  
STA. 99+23.39

DETAIL A

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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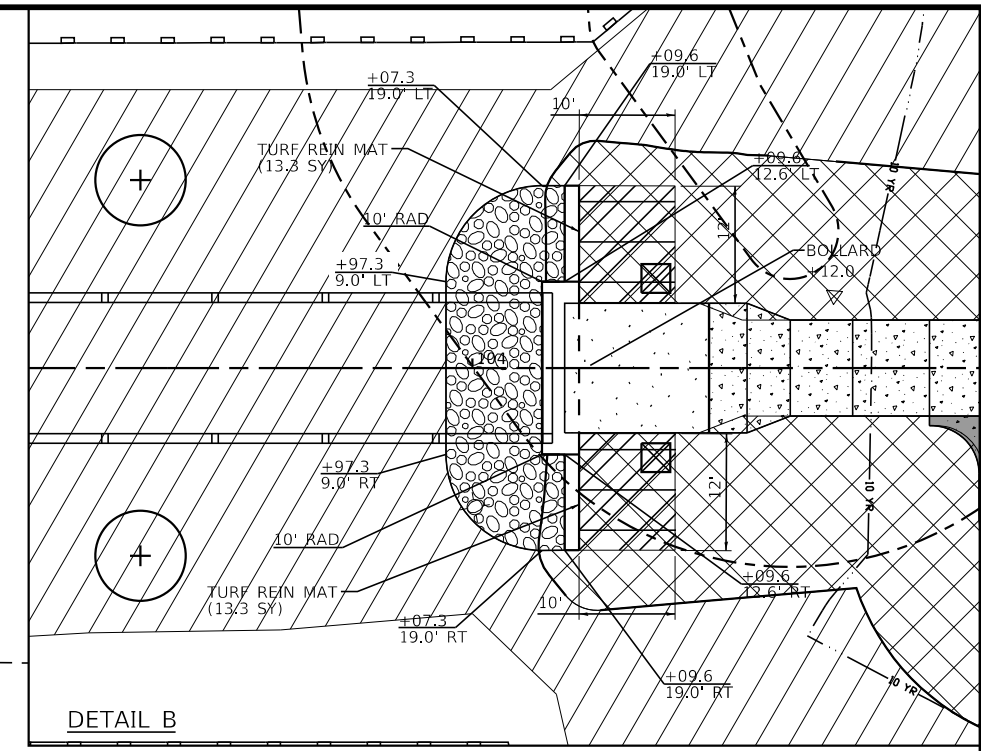
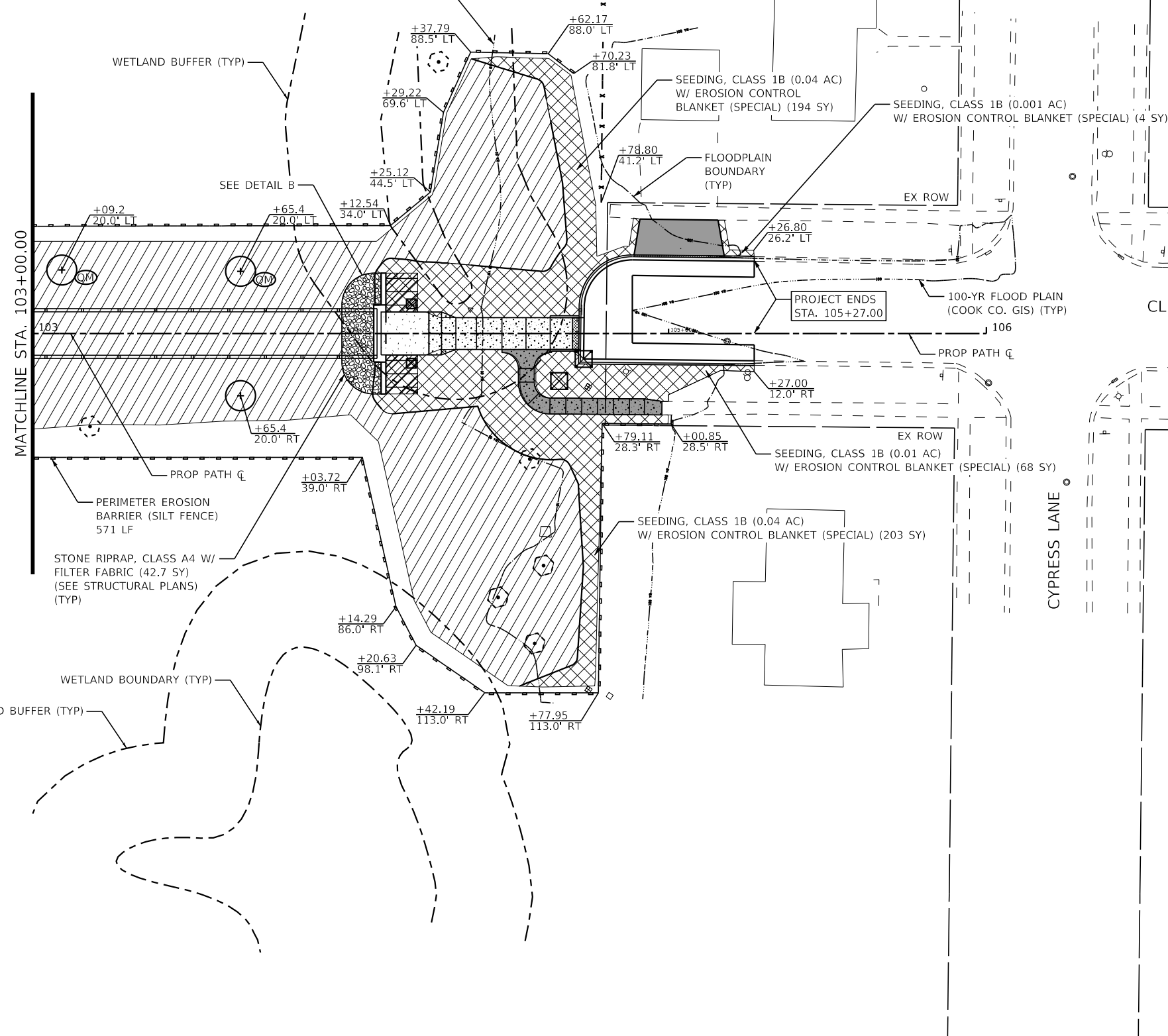
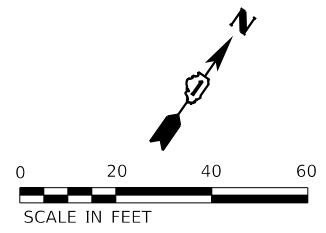
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
EROSION CONTROL & SEEDING PLAN

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 99+40.27 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61110	



CLEARMONT DRIVE

CYPRESS LANE

**LEGEND**

- SEEDING, CLASS 1B EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4B (MODIFIED) SEEDING, CLASS 5B (MODIFIED) EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4A (MODIFIED) SEEDING, CLASS 5 (MODIFIED) EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4 (MODIFIED) SEEDING, CLASS 5A (MODIFIED) EROSION CONTROL BLANKET (SPECIAL)
- TURF REINFORCEMENT MAT
- SODDING
- STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
- PERIMETER EROSION BARRIER (SILT FENCE)
- 100-YR FLOODPLAIN BOUNDARY
- 10-YR FLOODPLAIN BOUNDARY
- FLOODPLAIN BOUNDARY
- WETLAND BOUNDARY
- WATERS EDGE
- TEMPORARY FENCE/MULCH PLACEMENT
- INLET FILTER (SPECIAL)
- PROPOSED TREE / TYPE QUERCUS MACROCARPA (BUR OAK)

**NOTES**

1. EROSION CONTROL BARRIER IS ONE FOOT BEYOND THE GRADING CONSTRUCTION LIMITS UNLESS OTHERWISE INDICATED.
2. ADD MULCH PLACEMENT 4" TO ANY EXISTING TREES TO BE PROTECTED WITHIN THE CONSTRUCTION LIMITS. SEE SPECIAL PROVISIONS.

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
EROSION CONTROL & SEEDING PLAN**

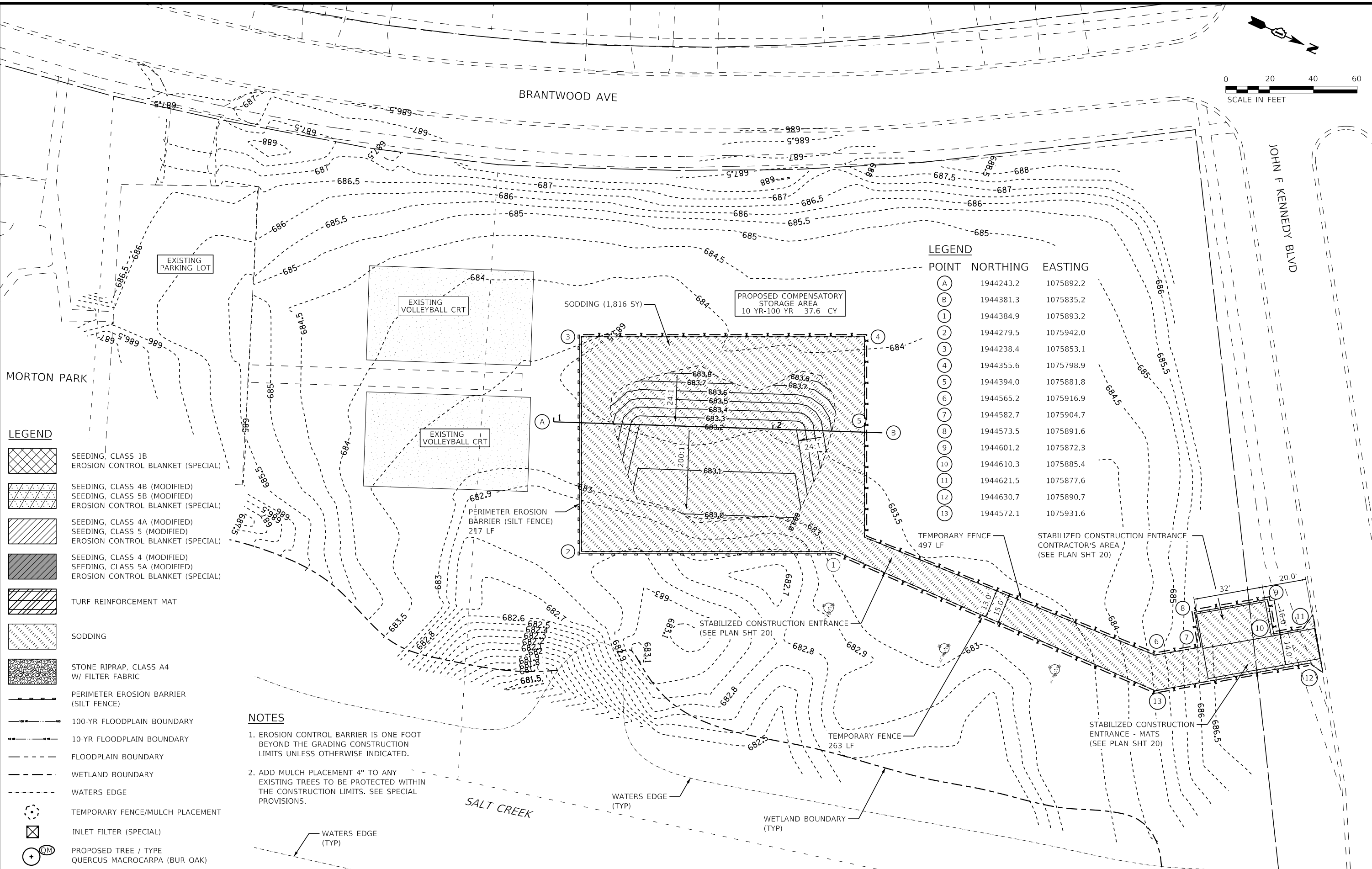
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 103+00.00 TO STA. 105+27.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	20
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				



JOHN F KENNEDY BLVD

BRANTWOOD AVE



**LEGEND**

POINT	NORTHING	EASTING
(A)	1944243.2	1075892.2
(B)	1944381.3	1075835.2
(1)	1944384.9	1075893.2
(2)	1944279.5	1075942.0
(3)	1944238.4	1075853.1
(4)	1944355.6	1075798.9
(5)	1944394.0	1075881.8
(6)	1944565.2	1075916.9
(7)	1944582.7	1075904.7
(8)	1944573.5	1075891.6
(9)	1944601.2	1075872.3
(10)	1944610.3	1075885.4
(11)	1944621.5	1075877.6
(12)	1944630.7	1075890.7
(13)	1944572.1	1075931.6

**LEGEND**

- SEEDING, CLASS 1B  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4B (MODIFIED)  
SEEDING, CLASS 5B (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4A (MODIFIED)  
SEEDING, CLASS 5 (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- SEEDING, CLASS 4 (MODIFIED)  
SEEDING, CLASS 5A (MODIFIED)  
EROSION CONTROL BLANKET (SPECIAL)
- TURF REINFORCEMENT MAT
- SODDING
- STONE RIPRAP, CLASS A4  
W/ FILTER FABRIC
- PERIMETER EROSION BARRIER  
(SILT FENCE)
- 100-YR FLOODPLAIN BOUNDARY
- 10-YR FLOODPLAIN BOUNDARY
- FLOODPLAIN BOUNDARY
- WETLAND BOUNDARY
- WATERS EDGE
- TEMPORARY FENCE/MULCH PLACEMENT
- INLET FILTER (SPECIAL)
- PROPOSED TREE / TYPE  
QUERCUS MACROCARPA (BUR OAK)

**NOTES**

1. EROSION CONTROL BARRIER IS ONE FOOT BEYOND THE GRADING CONSTRUCTION LIMITS UNLESS OTHERWISE INDICATED.
2. ADD MULCH PLACEMENT 4" TO ANY EXISTING TREES TO BE PROTECTED WITHIN THE CONSTRUCTION LIMITS. SEE SPECIAL PROVISIONS.

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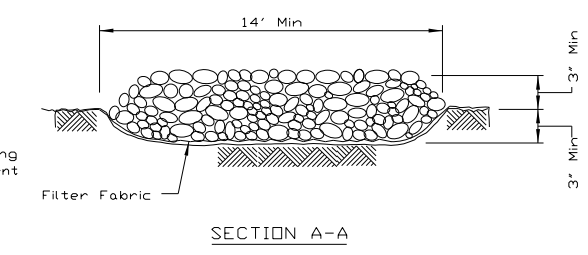
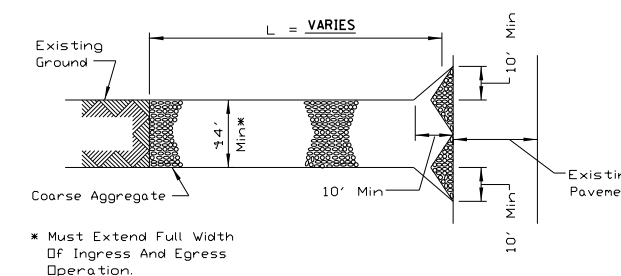
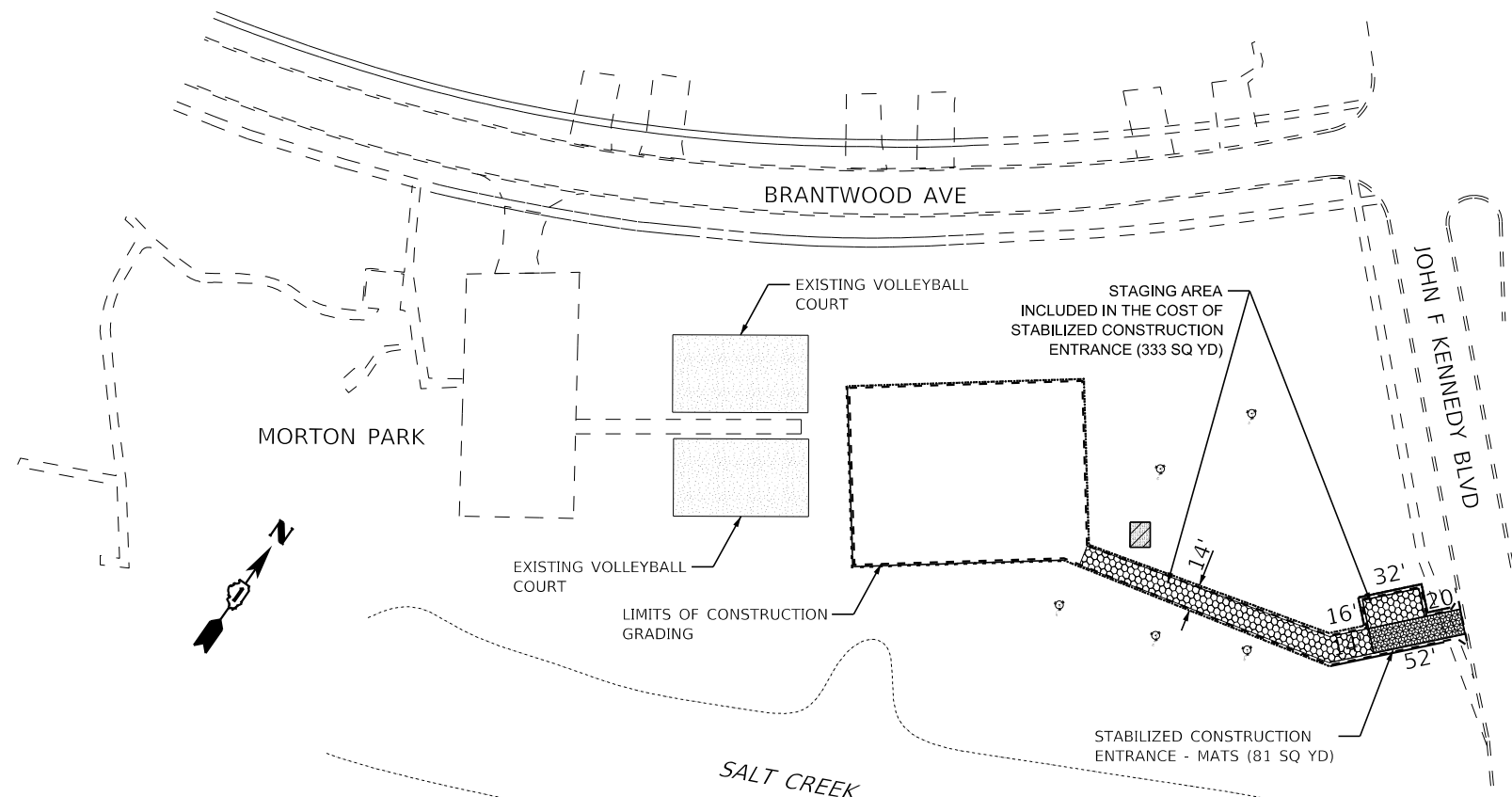


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK**  
**EROSION CONTROL & SEEDING PLAN & COMPENSATORY STORAGE AREA**  
 SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 1+00.00 TO STA. 3+00.00

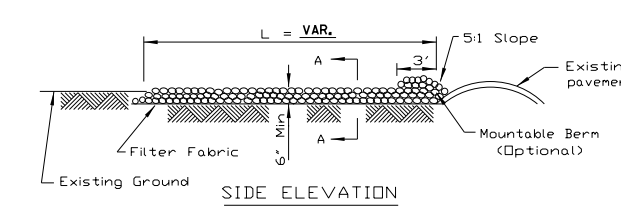
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61110	



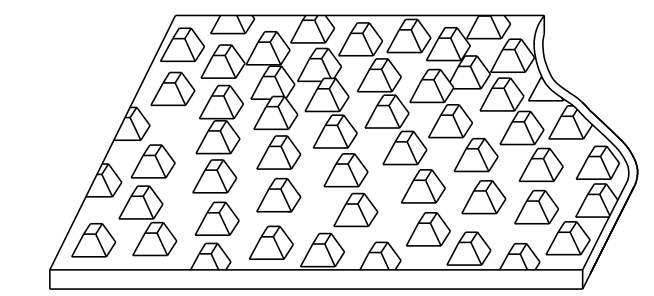
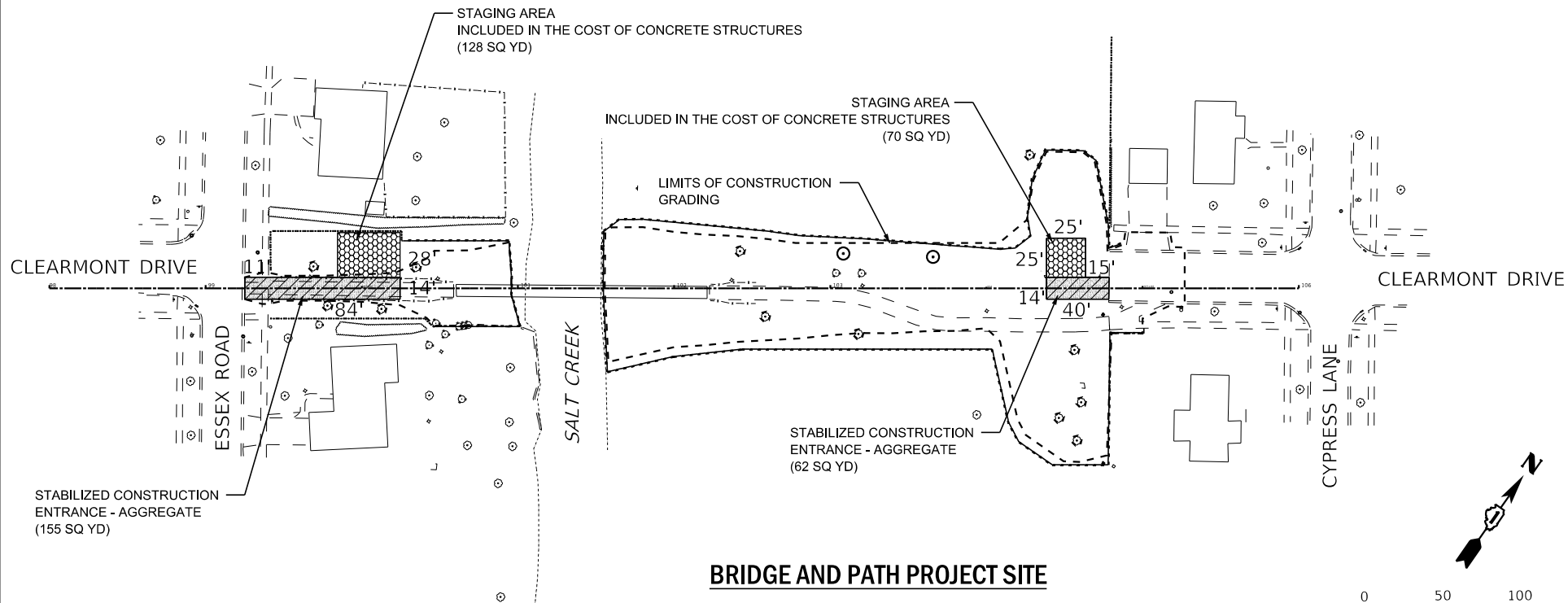
- NOTES:
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF ARTICLE 1080.03 OF THE STANDARD SPECIFICATIONS AND SHALL BE PLACED OVER THE CLEARED SUBGRADE AREA PRIOR TO PLACING THE ROCK.
  2. AGGREGATE FILL SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATIONS, CA-1, CA-2, CA-3 OR CA-4 AND BE PLACED ACCORDING TO SPECIAL PROVISION "STABILIZED CONSTRUCTION ENTRANCE".
  3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
  4. IF WASH RACKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

**STABILIZED CONSTRUCTION ENTRANCE - AGGREGATE DETAIL**

STD. IL-630(A), IL-630(B)  
(STABILIZED CONSTRUCTION ENTRANCE PLAN)



**OFFSITE COMPENSATORY STORAGE AREA**



**STABILIZED CONSTRUCTION ENTRANCE - MAT DETAIL**

STD. IL-630(A), IL-630(B)  
(STABILIZED CONSTRUCTION ENTRANCE PLAN)

**NOTES**

1. STAGING AREAS SHOWN ON PLANS ARE SUGGESTED. RESTORATION OF AREAS DISTURBED OUTSIDE OF THE SUGGESTED AREAS WILL BE PAID AT NO ADDITIONAL COST TO THE CONTRACT.
2. ALL STAGING AREAS SHALL BE STABILIZED. THIS SHALL BE INCLUDED IN THE COST OF STABILIZED CONSTRUCTION ENTRANCE.

**LEGEND**

- STAGING AREA
- STABILIZED CONSTRUCTION ENTRANCE MATS
- STABILIZED CONSTRUCTION ENTRANCE - AGGREGATE



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK			
STABILIZED ENTRANCE / STAGING AREA			
SCALE: 1"=50'	SHEET 4	OF 7 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	22
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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**GENERAL NOTES**

- A) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
- B) THE RESIDENT ENGINEER MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- C) A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- D) THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE NCCSWCD.
- E) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- F) SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE PROJECT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- G) THE CONTRACTOR IS RESPONSIBLE FOR INDICATING THE CURRENT LOCATION OF THE CONCRETE WASHOUT AND ANY MODIFICATIONS TO THE LOCATIONS OR DETAILS OF EROSION AND SEDIMENT CONTROLS ON THESE PLANS.

**EROSION CONTROL INSPECTION**

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

**WINTER SHUT DOWN**

A WINTER SHUT DOWN IS NOT ANTICIPATED FOR THIS PROJECT. BUT IN THE EVENT THAT UNAVOIDABLE CIRCUMSTANCE REQUIRE A WINTER SHUT DOWN, THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

**TEMPORARY DITCH CHECKS**

TEMPORARY DITCH CHECKS ARE NOT ANTICIPATED TO BE INCLUDED IN THIS PROJECT.

**PERIMETER EROSION BARRIER (SILT FENCE)**

PERIMETER EROSION CONTROL BARRIER (SILT FENCE) SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE VILLAGE. THE PERIMETER EROSION CONTROL BARRIER SHALL BE CONSTRUCTED AS DETAILED ON THE PLANS AND AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

**STOCK PILE LOCATIONS AND PROTECTING STOCK PILE AREAS**

STOCK PILES SHOULD NOT BE PLACED IN OR NEAR CRITICAL AREAS, OR AREAS THAT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORMWATER FACILITIES.

CONTRACTOR MAY OPT TO STOCK PILE MATERIAL. STAGING OF THE PROJECT IS AT THE DISCRETION OF THE CONTRACTOR AND COORDINATION OF STOCK PILES WILL BE WITH THE ENGINEER AND NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (NCCSWCD). STOCKPILES OF SOIL AND OTHER CONSTRUCTION MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES, NOT BEING ACTIVELY WORKED AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

**STABILIZED CONSTRUCTION AREA**

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE PROJECT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE PROJECT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.

TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHOULD TAKE PLACE AT THE END OF EACH WORK DAY.

PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED WITHIN 7 DAYS OF FINAL GRADING.

**SOIL EROSION & SEDIMENT CONTROL NOTES**

- 1) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL, LATEST EDITION.
- 2) SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE PROJECT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- 3) SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, PROJECT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- 4) STABILIZATION BY SEEDING SHALL INCLUDED TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- 5) OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- 6) SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- 7) STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE PROJECT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE PROJECT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED BELOW:
  - A. WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURE BE INITIATED AS SOON AS PRACTICABLE; AND
  - B. IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.
- 8) DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OF EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKED IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR AN EQUIVALENT CONTROL MEASURE.
- 9) PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- 10) THE STORMWATER MANAGEMENT SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS, CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- 11) IF DEWATERING SERVICES ARE USED, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP OR REQUIREMENT CONTROL MEASURE). THE COOK COUNTY STORMWATER MANAGEMENT COMMISSION (CCSC) CHIEF ENGINEER OR THE CERTIFIED COMMUNITY'S DEVELOPMENT REGULATIONS OFFICER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- 12) ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE PROJECT SITE IS ACHIEVED OR AFTER TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- 13) STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN ISOLATED WATERS OF COOK COUNTY (IWCC) OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- 14) EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE PROJECT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENT IN ORDER TO:
  - A. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER; AND
  - B. MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE PROJECT SITE TO PRECIPITATION AND TO STORMWATER.
- 15) ADEQUATE RECEPACLES SHALL BE PROVIDED FOR THE DEPOSITING OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE PROJECT CONSTRUCTION. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY CHANNEL OR IWCC. THE PROJECT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- 16) THE CCSC CHIEF ENGINEER OR THE CERTIFIED COMMUNITY'S DEVELOPMENT REGULATIONS OFFICER MAY REQUIRE ADDITIONAL OR ALTERNATE SOIL EROSION AND SEDIMENT CONTROL MEASURES, BASED ON PROJECT SITE SPECIFIC CONSIDERATIONS AND THE EFFECTIVENESS OF THE INSTALLED CONTROL MEASURES.



USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
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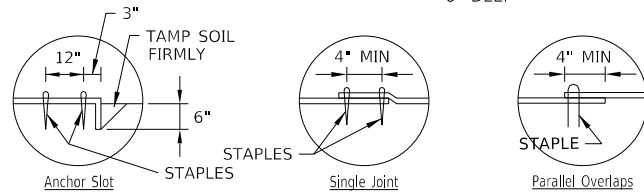
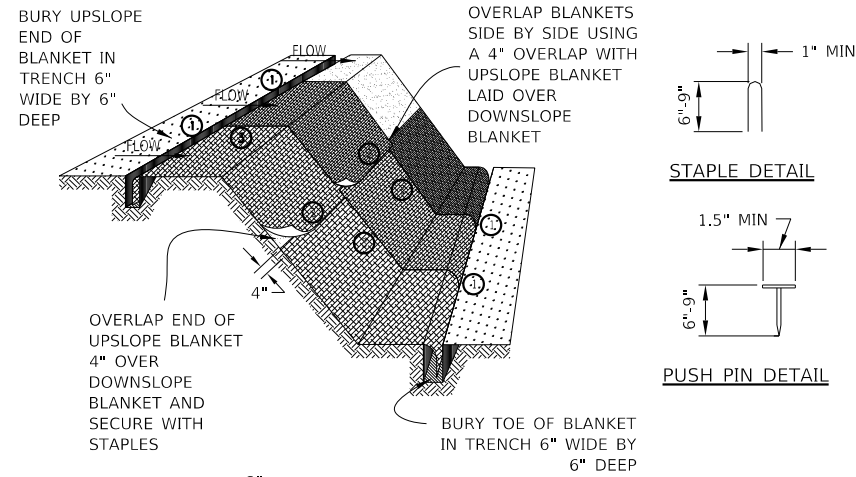
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 EROSION CONTROL & SEEDING NOTES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	23
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

SCALE:AS SHOWN SHEET 5 OF 7 SHEETS STA. TO STA.





DETAIL 1

DETAIL 2

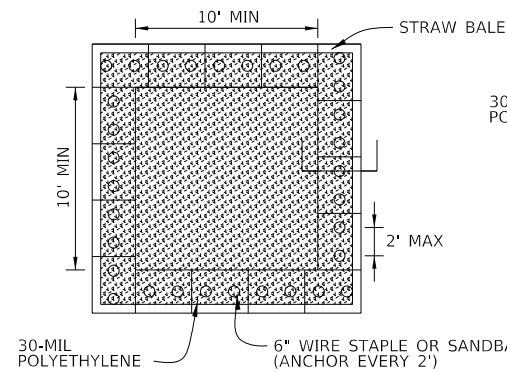
DETAIL 3

NOTES:

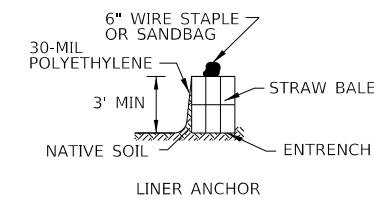
1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STICHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STICHED BLANKET PER 100 S.Y. OF MATERIAL
2. STAPLE OR PUSH PIN LENGTHS SHALL BE SELECTED BASED ON SOIL TYPE AND CONDITIONS. (MINIMUM STAPLE LENGTH IS 6")
3. EROSION CONTROL MATERIAL SHALL BE PLACED IN CONTACT WITH THE SOIL OVER A PREPARED SEEDBED.
4. ALL ANCHOR SLOTS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

**EROSION CONTROL  
BLANKET INSTALLATION DETAILS**

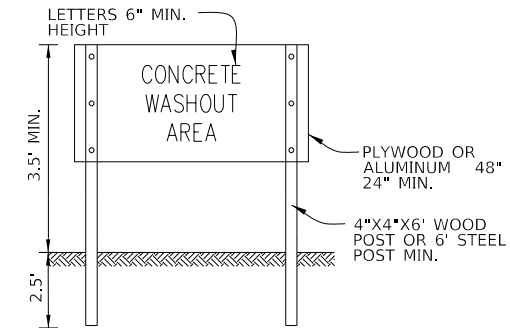
STD. IL-530A, IL-530B, IUM-531  
(EROSION CONTROL BLANKET)



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

WASHOUT NOTES:

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.
3. EACH STRAW BALE IS TO BE STAKED IN PLACE USING (2) 2"x2"x4" WOODEN STAKES.

**TEMPORARY CONCRETE  
WASHOUT FACILITY - STRAW BALE**

STD. IUM-6545B  
(TEMPORARY CONCRETE WASHOUT)

**WATERWAY INFORMATION**

Drainage Area = 50.0 sq. mi.									
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
DESIGN	30	2,071	1,355	1,455	683.0	0.0	0.1	683.0	683.1

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A	B	*	*	A	B			
DORMANT SEEDING	C										C	
TEMPORARY SEEDING			D									
EROSION CONTROL	E											

- A. CLASS 1B
- B. CLASS 4, 4A, 4B, 5, 5B
- C. INCREASE SEEDING RATES BY 25% WHEN DORMANT SEEDING (NOT ANTICIPATED)
- D. TEMPORARY SEEDING (PERENNIAL RYE GRASS, SPRING OATS)
- E. TEMPORARY & EROSION CONTROL BLANKET (PERMANENT SEED AREAS, TEMPORARY SEED AREAS AS DIRECTED BY THE ENGINEER)

\* IRRIGATION, IF REQUIRED, SHALL BE INCLUDED IN THE COST OF SEEDING OF THE SPECIFIED CLASS

NOTE: SEEDING TO BE COMPLETED PER REQUIREMENTS OF SECTION 250 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES AND THE SPECIAL PROVISIONS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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<b>BAXTER &amp; WOODMAN</b> Consulting Engineers	USER NAME = cztoczynski	DESIGNED - MLH	REVISED -
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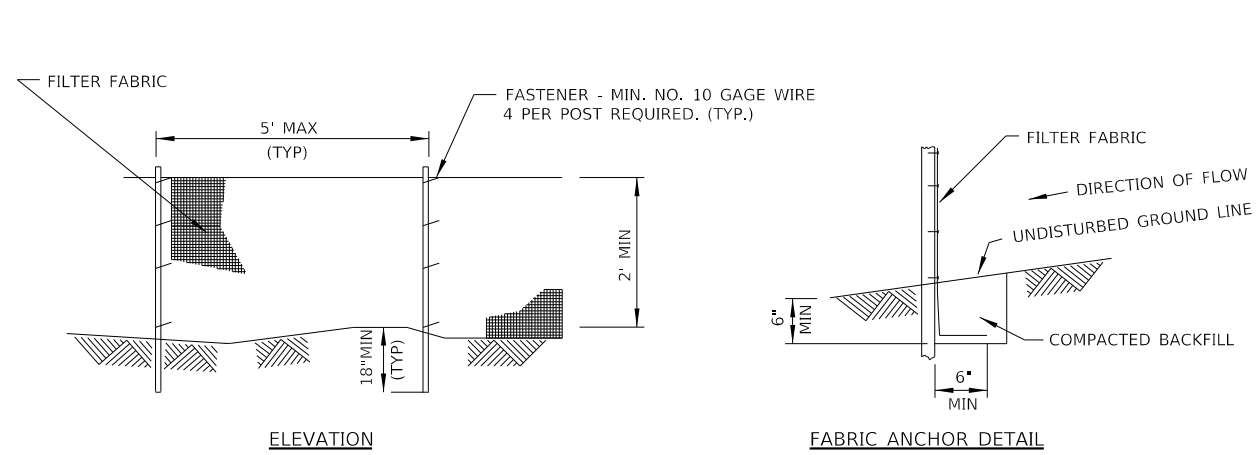
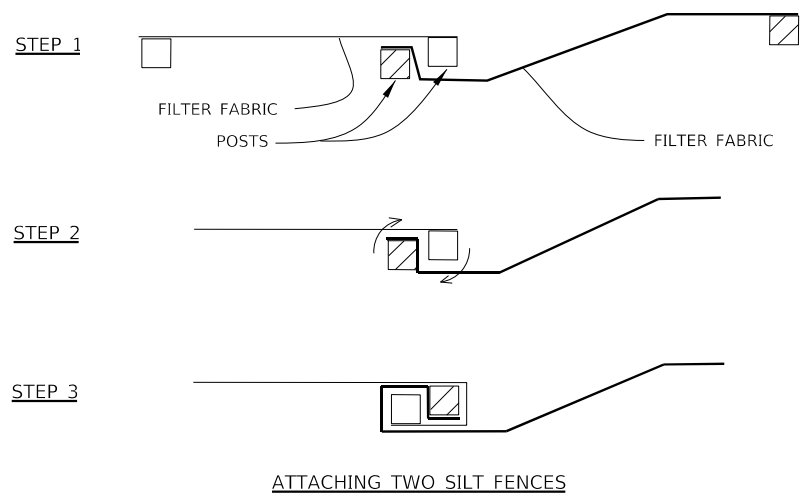
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
EROSION CONTROL & SEEDING DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	24
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

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



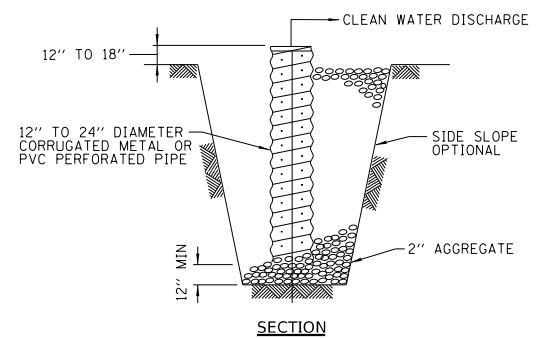


- NOTES:**
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
  2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
  3. CUT THE FABRIC NEAR THE BOTTOM OF THE STAKES TO ACCOMMODATE THE 6" FLAP.
  4. DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.
  5. COMPACT BACKFILL (PARTICULARLY AT SPLICES) COMPLETELY TO PREVENT STORMWATER PIPING.

**PERIMETER EROSION BARRIER  
(SILT FENCE)**  
STD. IUM-620A  
(SILT FENCE PLAN)

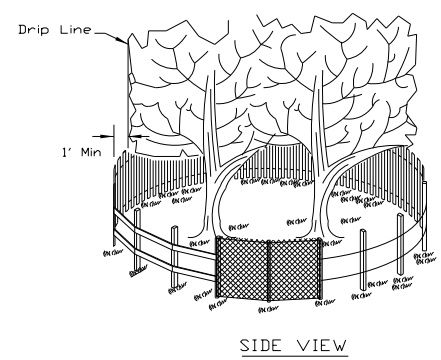
- NOTES:**
1. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
  2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 40 FOR WOVEN.
  3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

**PERIMETER EROSION BARRIER  
(SILT FENCE) - SPLICING TWO FENCES**  
STD. IUM-620B  
(SILT FENCE - SPLICING TWO FENCES)



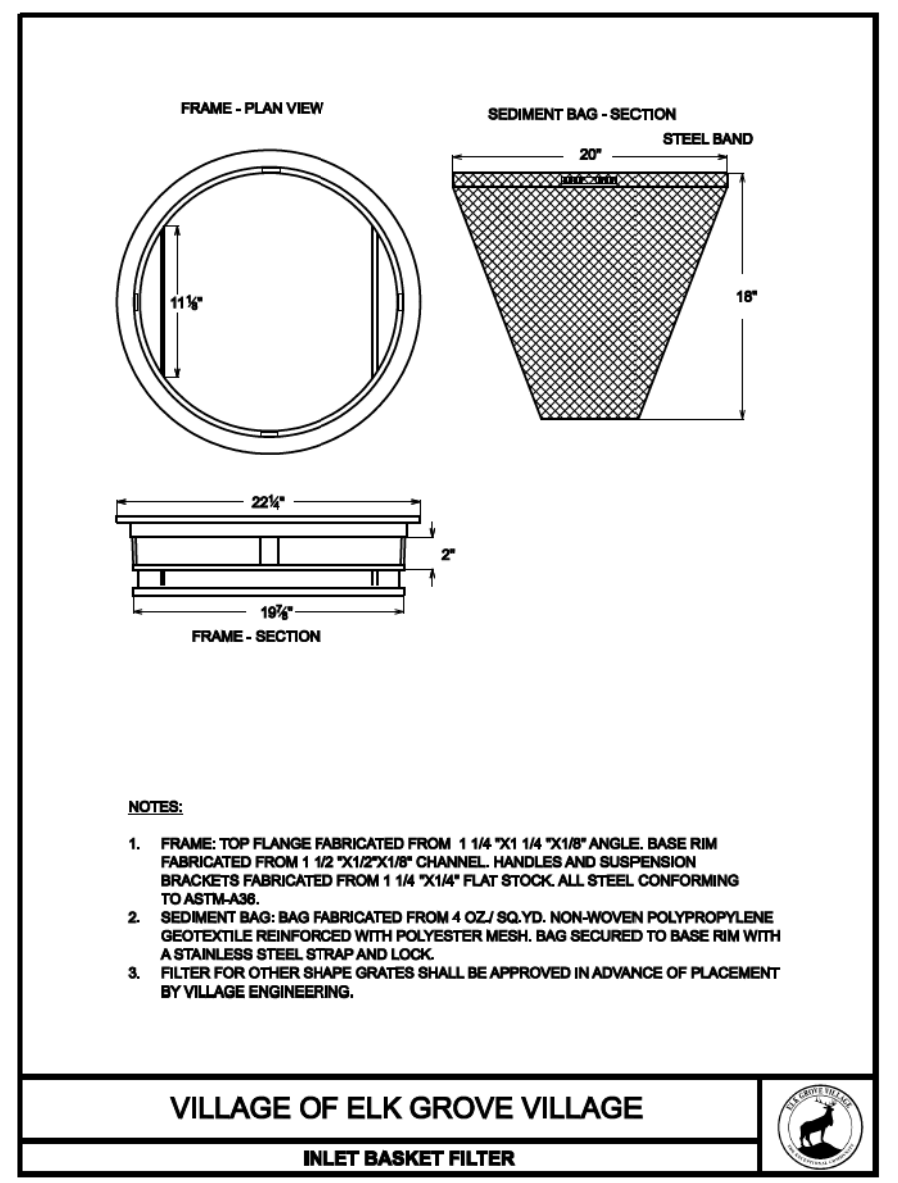
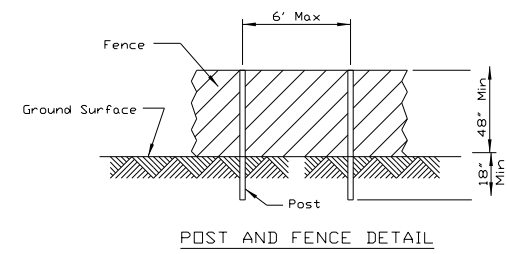
- SUMP PIT NOTES:**
1. PIT DIMENSIONS ARE OPTIONAL.
  2. THE STANDPIPE WILL BE CONSTRUCTED BY PERFORATING A 12"-24" DIAMETER CORRUGATED METAL OR PVC PIPE.
  3. A BASE OF 2" AGGREGATED WILL BE PLACED IN THE PIT TO A MINIMUM DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE WILL THEN BE BACKFILLED WITH 2" AGGREGATE.
  4. THE STANDPIPE WILL EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT.
  5. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE WILL BE WRAPPED WITH FILTER FABRIC BEFORE INSTALLATION.
  6. IF DESIRED, 1/4"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTER FABRIC. THIS WILL INCREASE THE RATE OF WATER SEEPAGE INTO THE PIPE.

**SUMP PIT PLAN**  
STD. IL-650  
(SUMP PIT PLAN)



- NOTES:**
1. THE FENCE SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIP LINE OF THE TREE TO BE SAVED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
  2. FENCE POSTS SHALL BE EITHER STANDARD STEEL POSTS OR WOOD POSTS WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQ. IN.
  3. THE FENCE MAY BE EITHER 48" HIGH SNOW FENCE, 48" PLASTIC WEB FENCING OR ANY OTHER MATERIAL AS APPROVED BY THE ENGINEER/INSPECTOR.
  4. TO BE PAID FOR AS "TEMPORARY FENCE."

**TREE PROTECTION**  
(PAID FOR AS "TEMPORARY FENCE")  
N.T.S.



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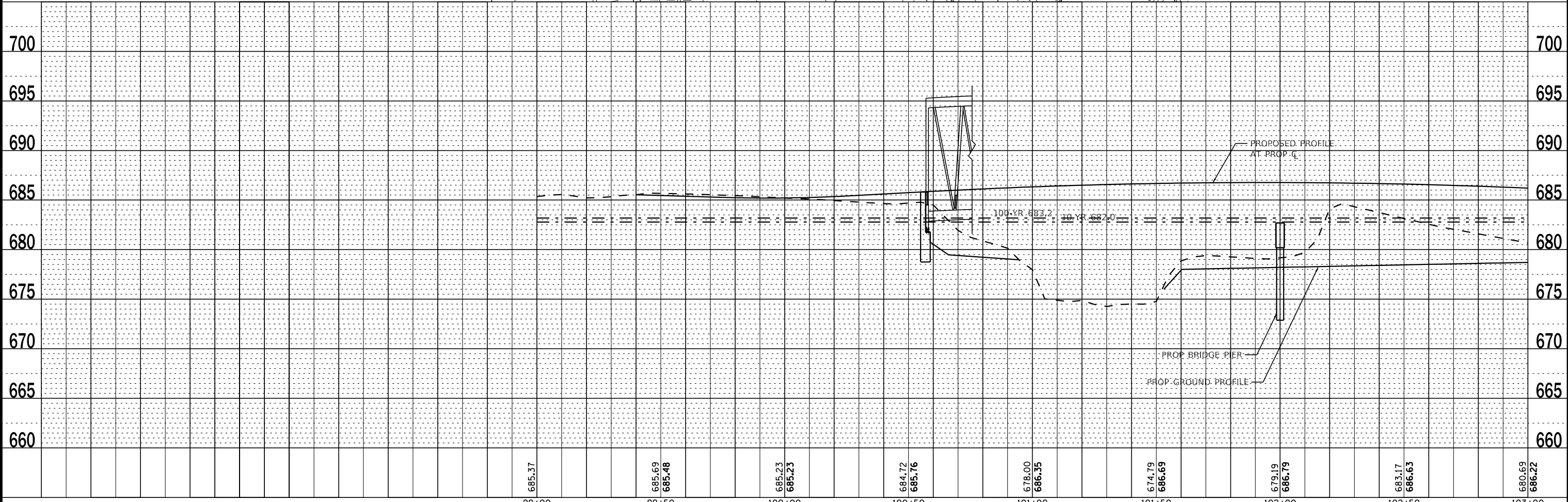
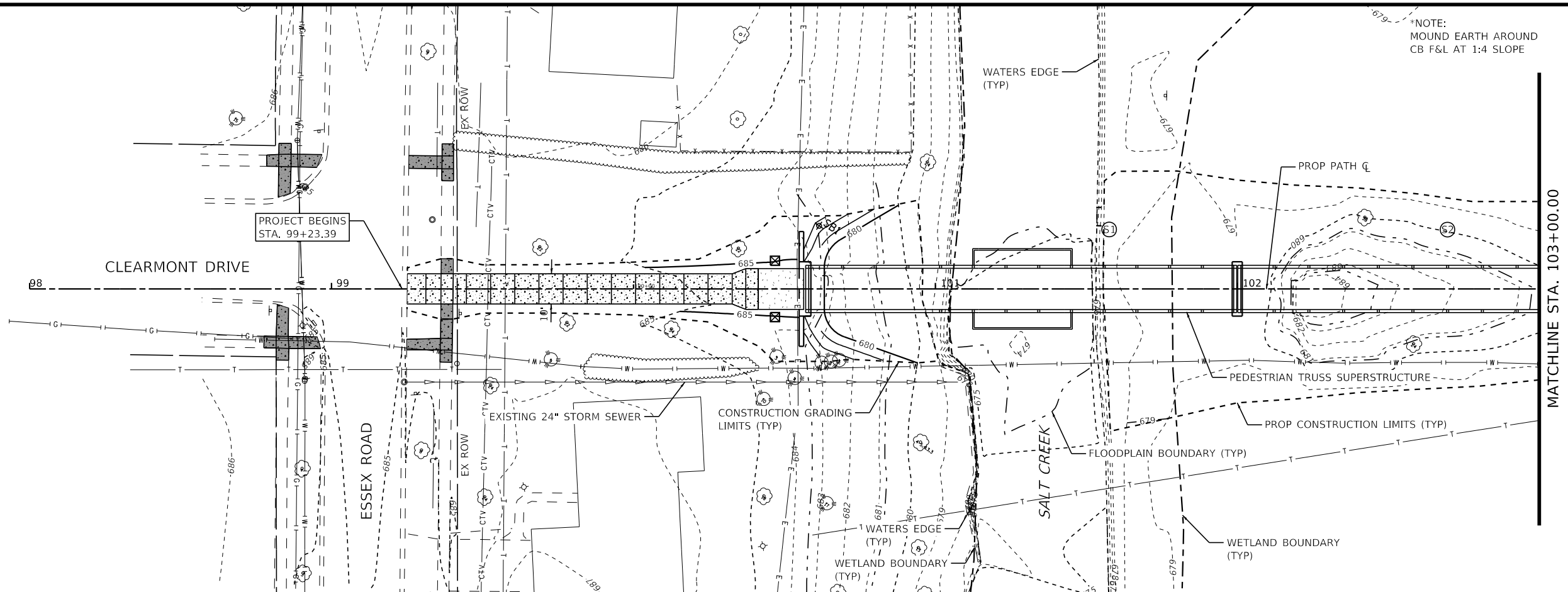
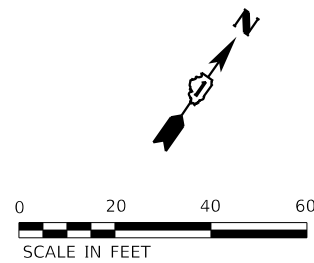


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
EROSION CONTROL & SEEDING DETAILS  
SCALE: AS SHOWN SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	25
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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DESIGNED - MLH  
 DRAWN - KAR  
 CHECKED - JCC  
 DATE - 10/31/2022

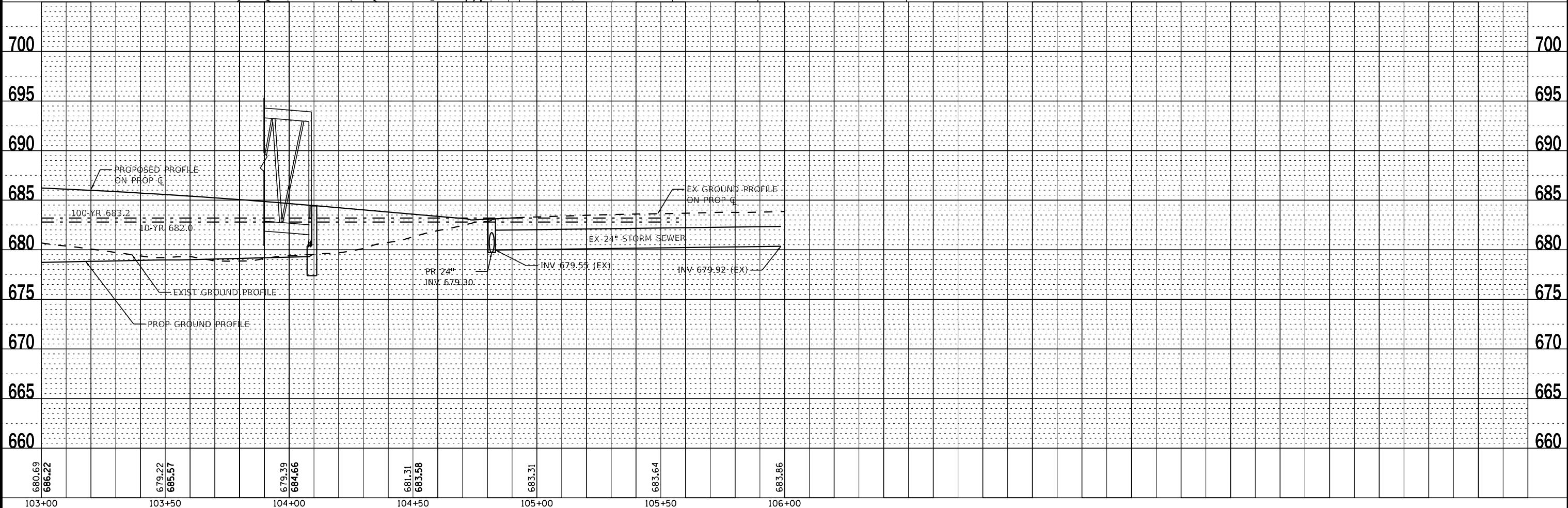
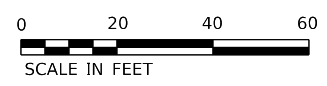
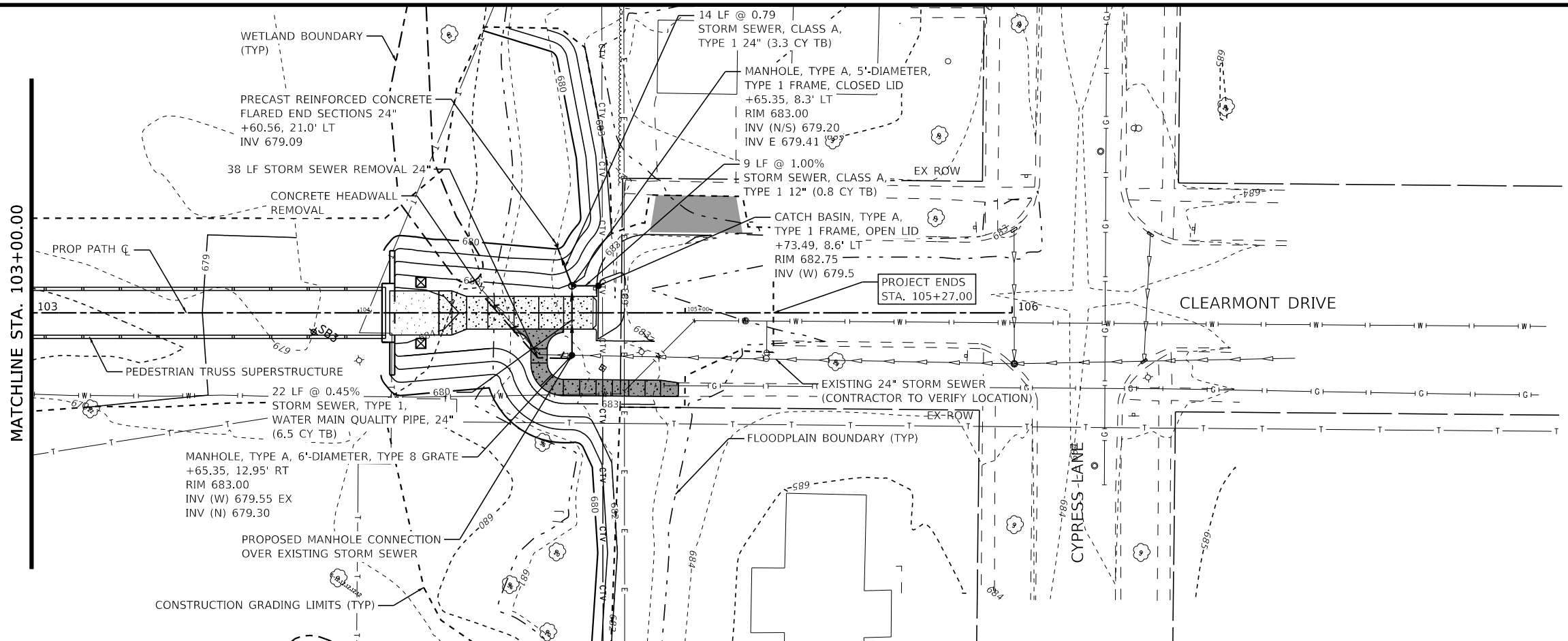
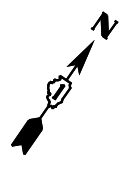
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 DRAINAGE PLAN AND PROFILE**

SCALE: H: 1"=20' V: 1"=5'  
 SHEET 1 OF 2 SHEETS  
 STA. 90+23.39 TO STA. 103+00.00

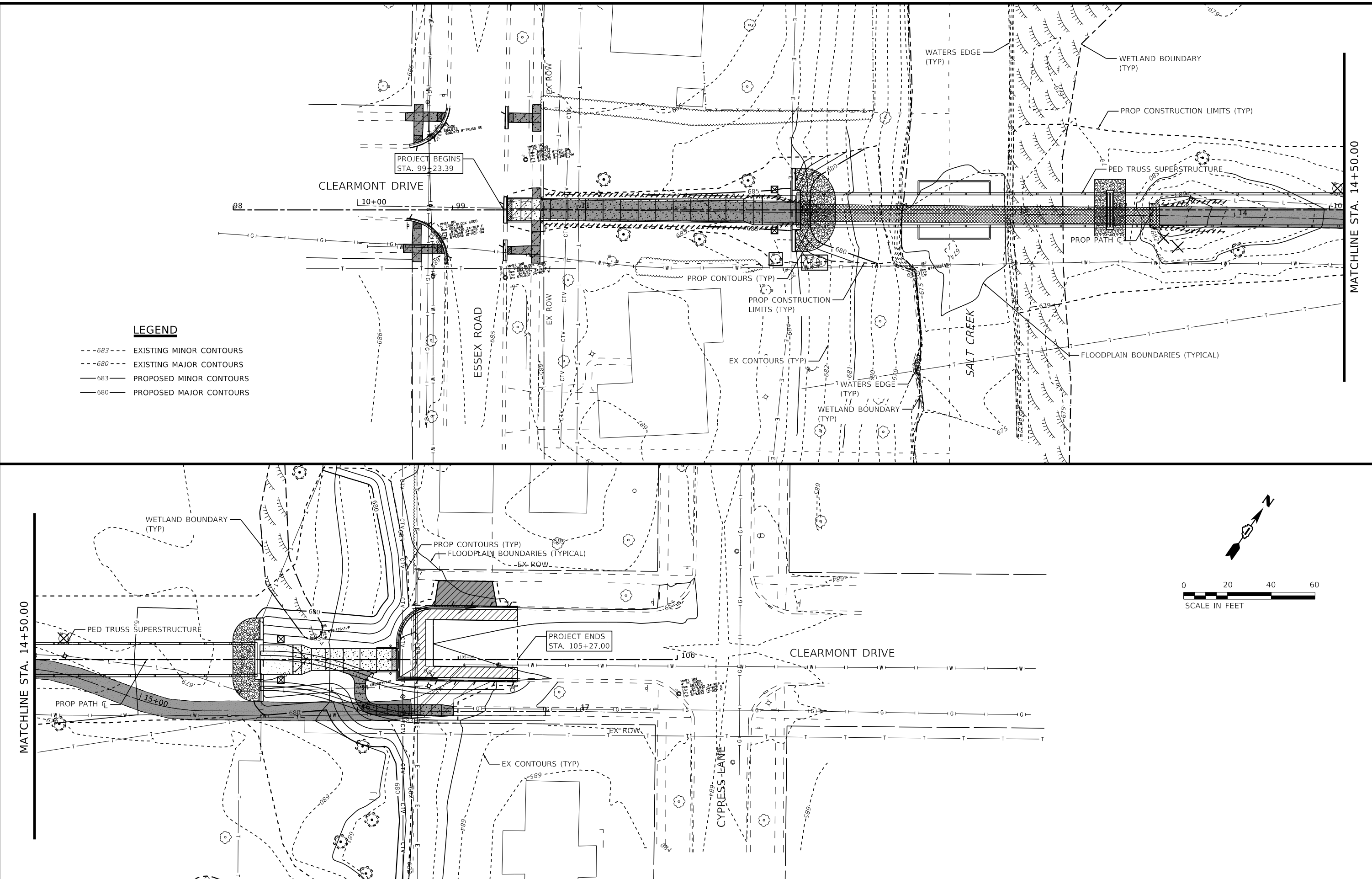
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	18-00066-00-BR	COOK	72	26
CONTRACT NO. 61110				



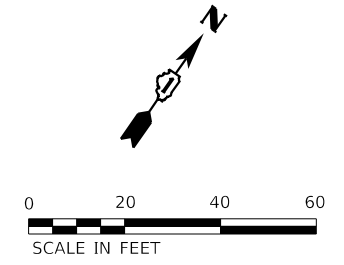
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	USER NAME = cxczczynski	DESIGNED - MLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b> <b>DRAINAGE PLAN AND PROFILE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -			CONTRACT NO. 61110				
	DATE - 10/31/2022	FILE - 200852-sht-drain_02.dgn	SCALE: H: 1"=20' V: 1"=5'			SHEET 2	OF 2	SHEETS	STA. 103+00.00 TO STA. 105+27.00	FED. ROAD DIST. NO.

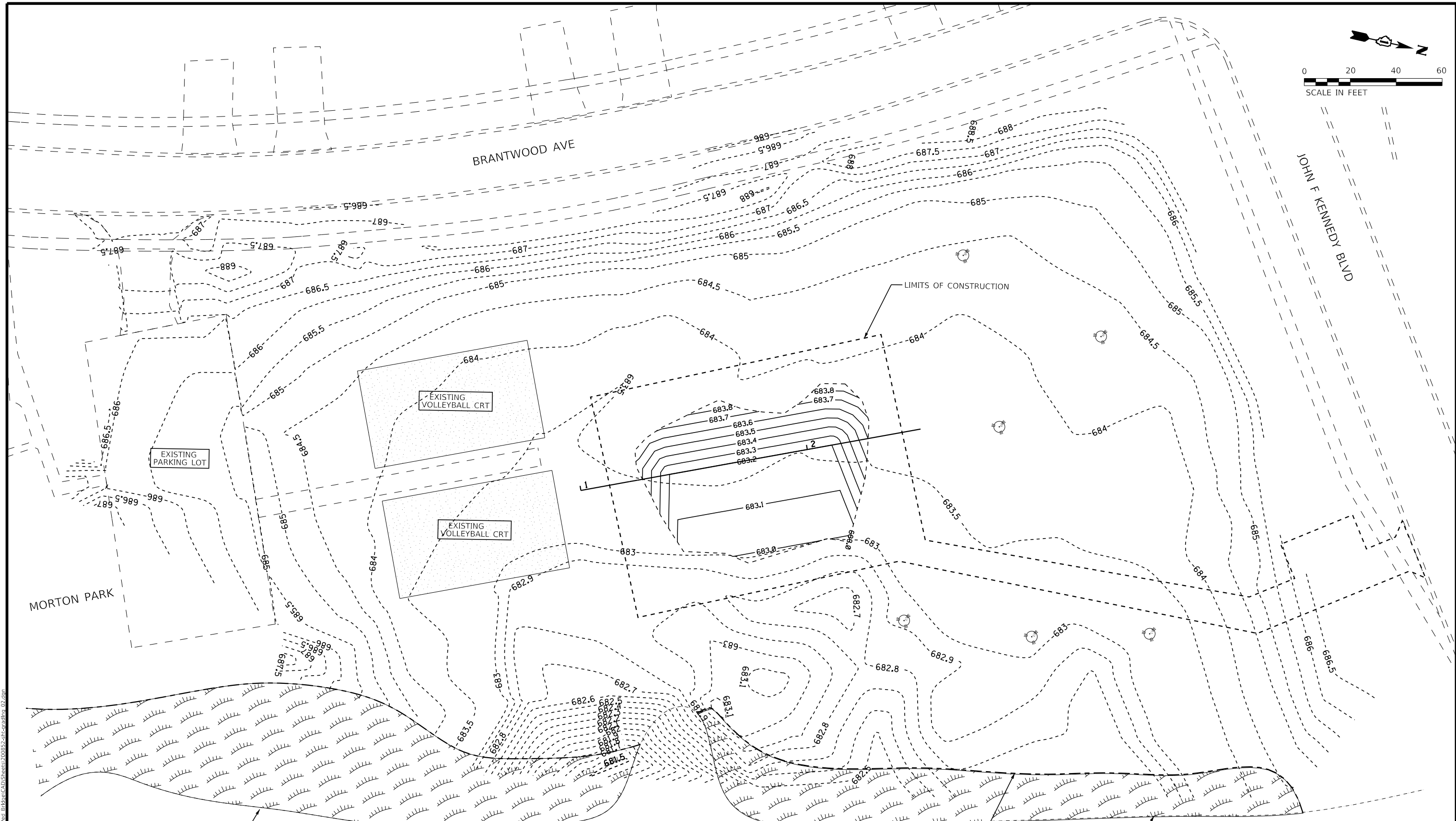
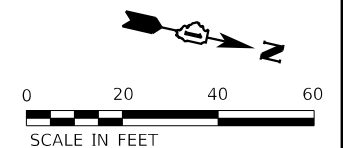
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- LEGEND**
- 683--- EXISTING MINOR CONTOURS
  - 680--- EXISTING MAJOR CONTOURS
  - 683— PROPOSED MINOR CONTOURS
  - 680— PROPOSED MAJOR CONTOURS



	USER NAME = cstoczynski	DESIGNED - MLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b> <b>GRADING PLAN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN - KAR	REVISED -		SCALE: 1"=20'	SHEET 1	OF 4 SHEETS	STA. 99+23.39	TO STA. 105+27.00	18-00066-00-BR	COOK	72
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -	FILE - 200852-sht-grading_01.dgn		CONTRACT NO. 61110							
	DATE - 10/31/2022				ILLINOIS FED. AID PROJECT							



**LEGEND**

- 683--- EXISTING MINOR CONTOURS
- 680--- EXISTING MAJOR CONTOURS
- 683— PROPOSED MINOR CONTOURS
- 680— PROPOSED MAJOR CONTOURS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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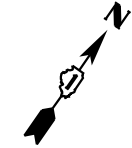


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

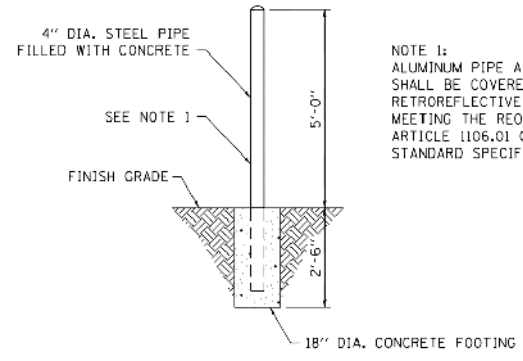
<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b>			
<b>OFF-SITE COMPENSATORY STORAGE</b>			
SCALE: 1"=20'	SHEET 2	OF 4 SHEETS	STA. 1+00.00 TO STA. 6+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	29
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

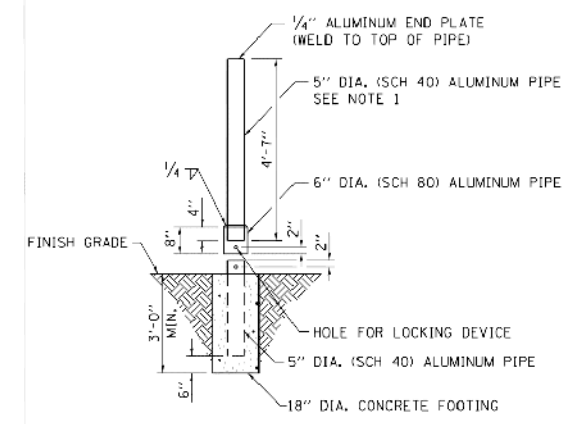


POINT	STATION	OFFSET	ELEVATION
A	99+25.12	6.0' LT	685.03
B	99+25.00	6.0' RT	685.03
C	99+36.30	5.0' LT	685.57
D	99+36.22	5.0' RT	685.46
E	99+40.34	5.0' LT	685.63
F	99+40.18	5.0' RT	685.52
G	99+44.70	5.0' LT	685.59
H	99+44.70	5.0' RT	685.59
I	99+52.70	5.0' LT	685.66
J	99+52.70	5.0' RT	685.71
K	99+60.70	5.0' LT	685.73
L	99+60.70	5.0' RT	685.83
M	100+24.70	5.0' LT	685.37
N	100+24.70	5.0' RT	685.47
O	100+32.70	5.0' LT	685.48
P	100+32.70	5.0' RT	685.57
Q	100+37.20	6.8' LT	685.59
R	100+37.20	6.8' RT	685.59
S	100+41.40	6.8' LT	685.53
T	100+41.40	6.8' RT	685.53

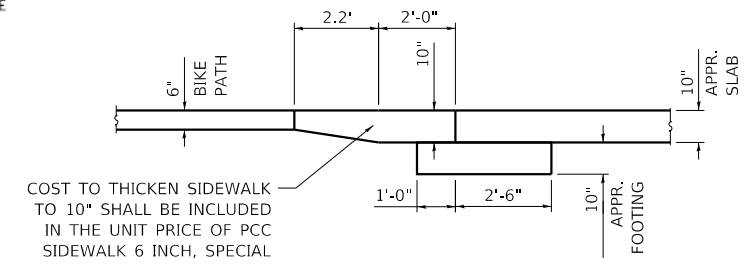
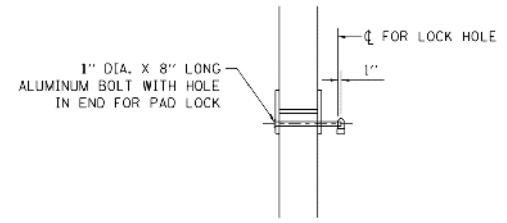
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2	99+23.29	6.0' RT	MATCH EXIST.
3	99+36.34	10.0' LT	685.50
4	99+40.35	10.0' LT	685.52
5	99+36.18	10.0' RT	685.28
6	99+40.18	10.0' RT	685.30



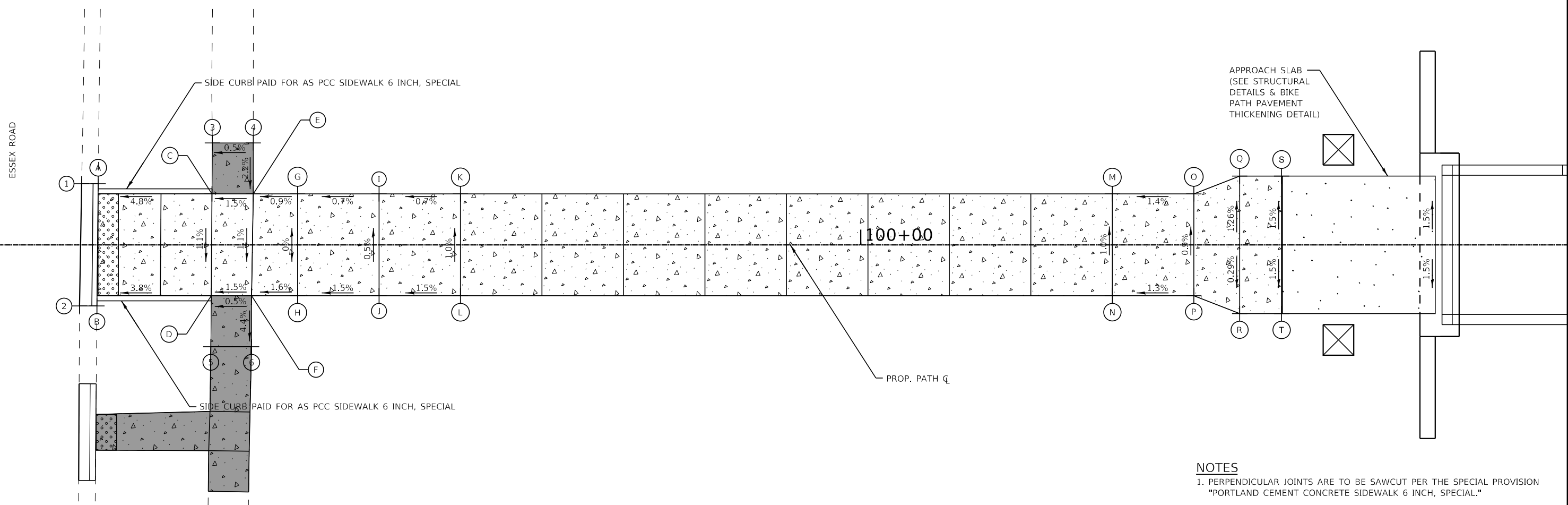
**BOLLARD**  
N.T.S.



**BOLLARD, QUICK RELEASE**  
N.T.S.



**BIKE PATH THICKENING DETAIL**



**NOTES**  
1. PERPENDICULAR JOINTS ARE TO BE SAWCUT PER THE SPECIAL PROVISION "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL."

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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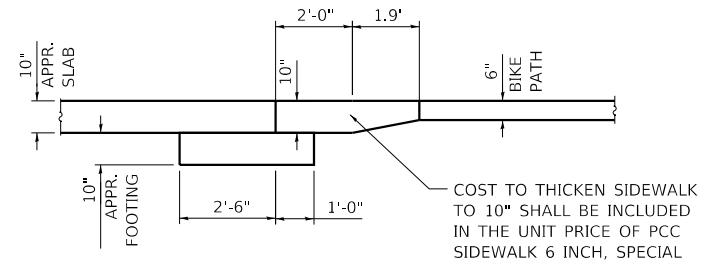
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK**  
**WEST PATH DETAILS**  
 SCALE: 1"=5'  
 SHEET 3 OF 4 SHEETS  
 STA. 99+23.39 TO STA. 100+69.46

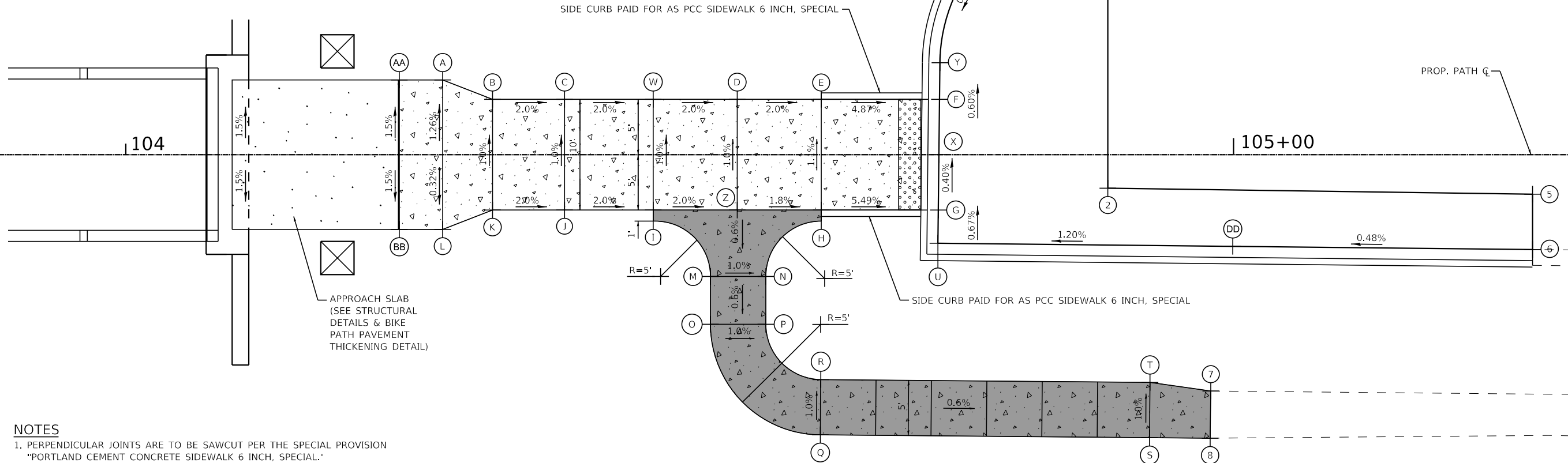
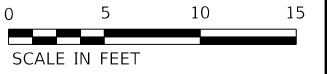
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	30
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

POINT	STATION	OFFSET	ELEVATION
A	104+28.60	6.8' LT	683.94
B	104+33.10	5.0' LT	683.88
C	104+39.61	5.0' LT	683.75
D	104+55.19	5.0' LT	683.44
E	104+62.78	5.0' LT	683.29
F	104+73.46	5.0' LT	682.77
G	104+73.35	5.0' RT	682.82
H	104+62.78	5.0' RT	683.40
I	104+47.61	5.0' RT	683.69
J	104+39.61	5.0' RT	683.85
K	104+33.10	5.0' RT	683.98
L	104+28.60	6.8' RT	684.00
M	104+52.78	11.0' RT	683.53
N	104+57.78	11.0' RT	683.48
O	104+52.78	15.3' RT	683.50
P	104+57.78	15.3' RT	683.45
Q	104+62.69	25.3' RT	683.50
R	104+62.73	20.3' RT	683.45
S	104+92.42	25.6' RT	683.31
T	104+92.46	20.6' RT	683.26
U	104+73.32	8.0' RT	682.84
V	104+81.98	21.7' LT	682.83
W	104+47.61	5.0' LT	683.59
X	104+73.40	0.0'	682.80
Y	104+73.49	8.3' LT	682.75
Z	104+55.19	5.0' RT	683.54
AA	104+24.60	6.8' LT	684.01
BB	104+24.60	6.8' RT	684.01
CC	105+00.25	23.0' LT	682.98
DD	104+99.93	8.3' RT	683.16

POINT	STATION	OFFSET	ELEVATION
1	104+88.65	18.3' LT	MATCH EXIST.
2	104+88.65	3.0' RT	MATCH EXIST.
3	105+27.00	17.7' LT	MATCH EXIST.
4	105+27.00	22.7' LT	MATCH EXIST.
5	105+27.00	3.6' RT	MATCH EXIST.
6	105+27.00	8.6' RT	MATCH EXIST.
7	104+97.95	21.4' RT	MATCH EXIST.
8	104+97.89	25.6' RT	MATCH EXIST.



**BIKE PATH THICKENING DETAIL**



**NOTES**  
 1. PERPENDICULAR JOINTS ARE TO BE SAWCUT PER THE SPECIAL PROVISION "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL."

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	PLOT SCALE = 10.0000' / in.	CHECKED - JCC	REVISED -		SCALE: 1"=5'	SHEET 4	OF 4 SHEETS	STA. 103+83.77	TO STA. 105+27.00	18-00066-00-BR	COOK	72
PLOT DATE = 10/31/2022	DATE - 10/31/2022	FILE - 200852-sht-grading_04.dgn							CONTRACT NO. 61110			
								ILLINOIS FED. AID PROJECT				

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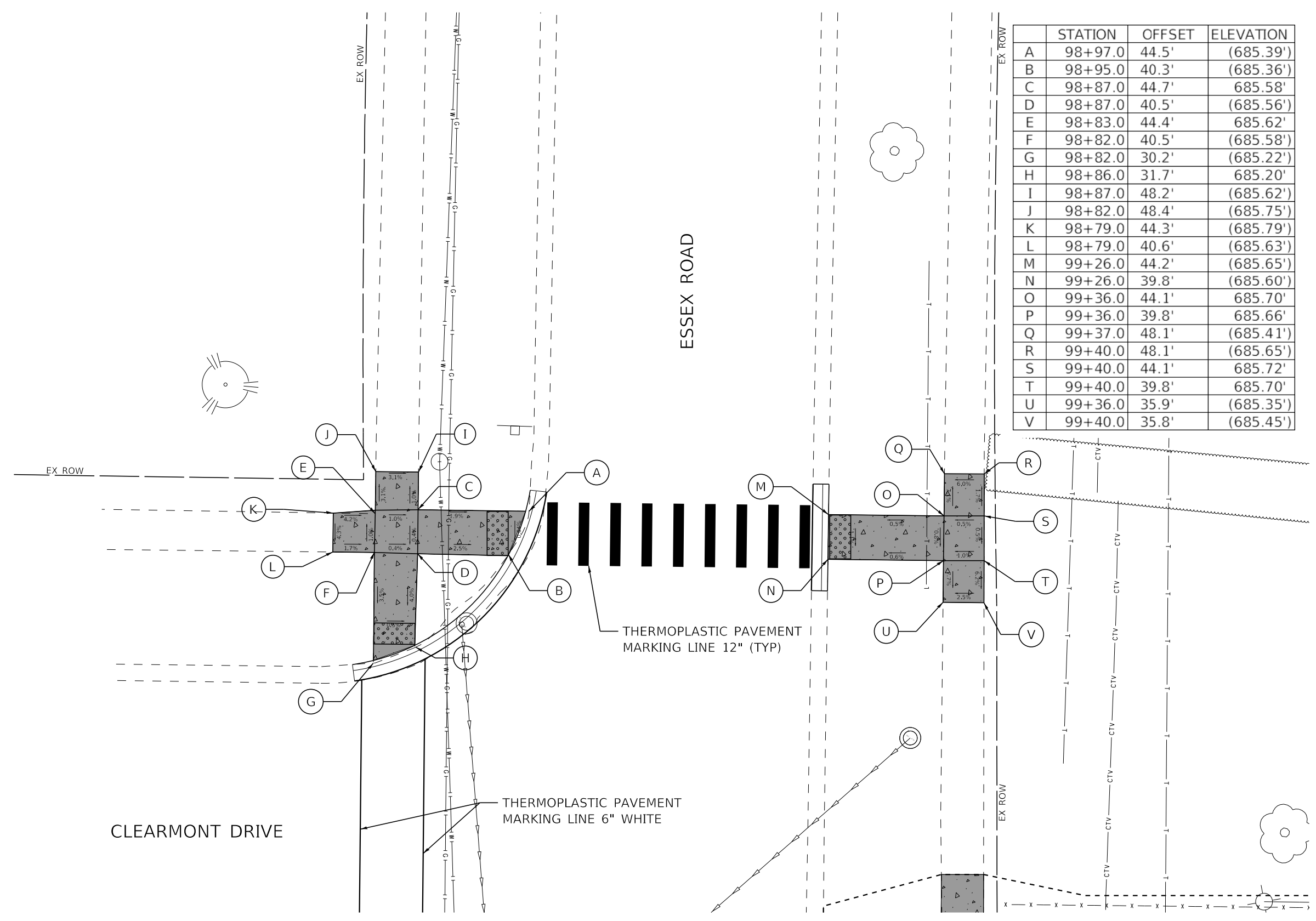


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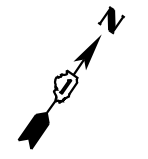
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK ADA SIDEWALK DETAILS	
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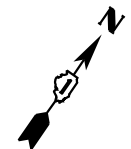
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	32
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	98+97.0	44.5'	(685.39')
B	98+95.0	40.3'	(685.36')
C	98+87.0	44.7'	685.58'
D	98+87.0	40.5'	(685.56')
E	98+83.0	44.4'	685.62'
F	98+82.0	40.5'	(685.58')
G	98+82.0	30.2'	(685.22')
H	98+86.0	31.7'	685.20'
I	98+87.0	48.2'	(685.62')
J	98+82.0	48.4'	(685.75')
K	98+79.0	44.3'	(685.79')
L	98+79.0	40.6'	(685.63')
M	99+26.0	44.2'	(685.65')
N	99+26.0	39.8'	(685.60')
O	99+36.0	44.1'	685.70'
P	99+36.0	39.8'	685.66'
Q	99+37.0	48.1'	(685.41')
R	99+40.0	48.1'	(685.65')
S	99+40.0	44.1'	685.72'
T	99+40.0	39.8'	685.70'
U	99+36.0	35.9'	(685.35')
V	99+40.0	35.8'	(685.45')







THERMOPLASTIC PAVEMENT  
MARKING LINE 6" WHITE

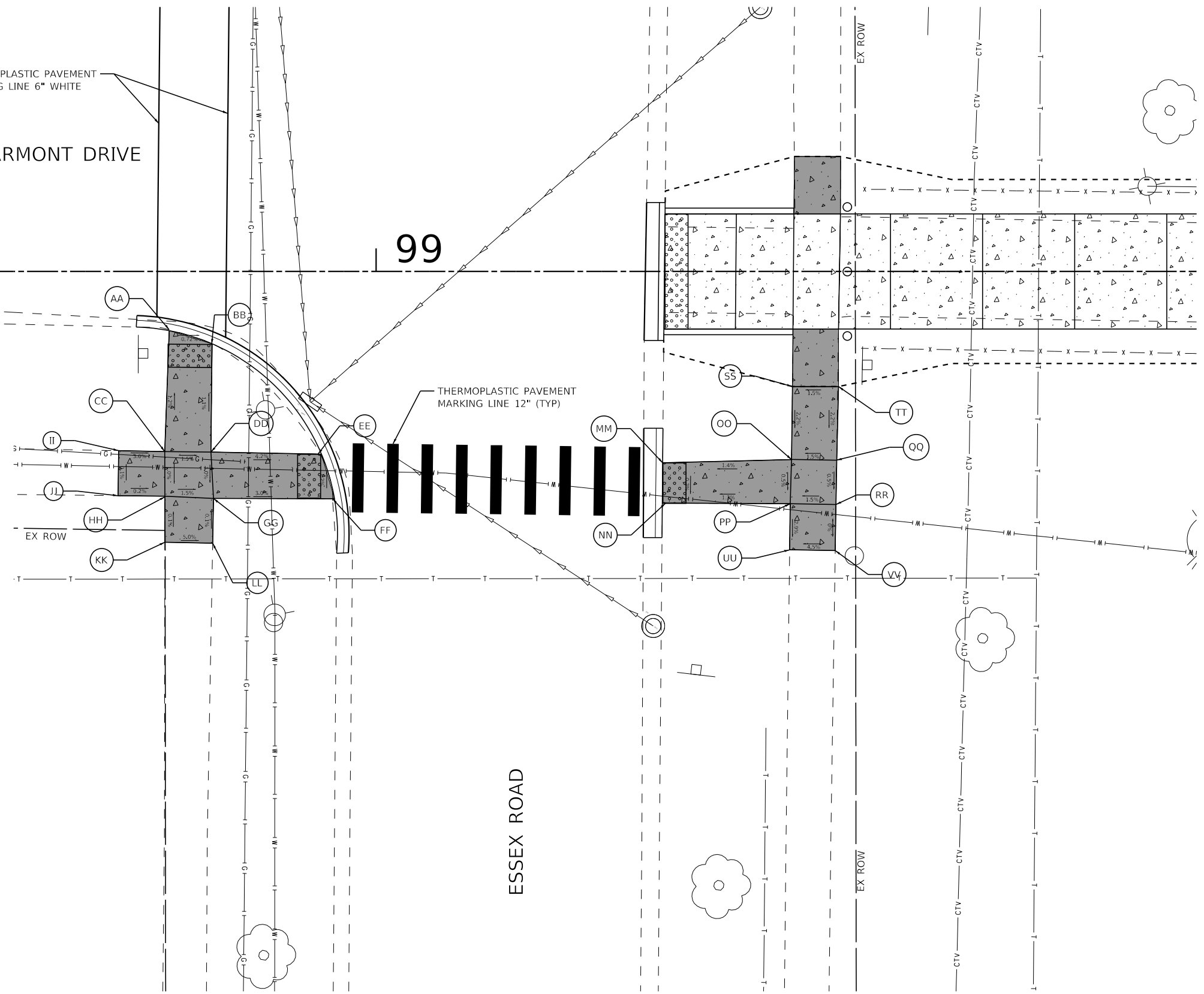
CLEARMONT DRIVE

99

THERMOPLASTIC PAVEMENT  
MARKING LINE 12" (TYP)

ESSEX ROAD

	STATION	OFFSET	ELEVATION
AA	98+82.0	5.1' RT	(685.27')
BB	98+86.0	6.3' RT	(685.24')
CC	98+82.0	15.7' RT	685.40'
DD	98+86.0	15.7' RT	685.34'
EE	98+95.0	15.9' RT	(684.96')
FF	98+96.0	19.8' RT	685.01'
GG	98+86.0	19.7' RT	685.30'
HH	98+82.0	19.7' RT	685.36'
II	98+78.0	15.7' RT	(685.52')
JJ	99+78.0	19.4' RT	(685.55')
KK	99+82.0	23.5' RT	(685.46')
LL	99+86.0	23.7' RT	(685.22')
MM	99+25.0	16.7' RT	(685.15')
NN	99+25.0	20.0' RT	(685.14')
OO	99+36.0	16.3' RT	685.30'
PP	99+36.0	20.2' RT	685.28'
QQ	99+40.0	16.4' RT	685.36'
RR	99+40.0	20.2' RT	685.34'
SS	99+36.0	10.0' RT	(685.44')
TT	99+40.0	10.0' RT	(685.50')
UU	99+36.0	24.3' RT	(685.16')
VV	99+40.0	24.3' RT	(685.34')



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PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	FILE - 200852-sht-ADA_02.dgn

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

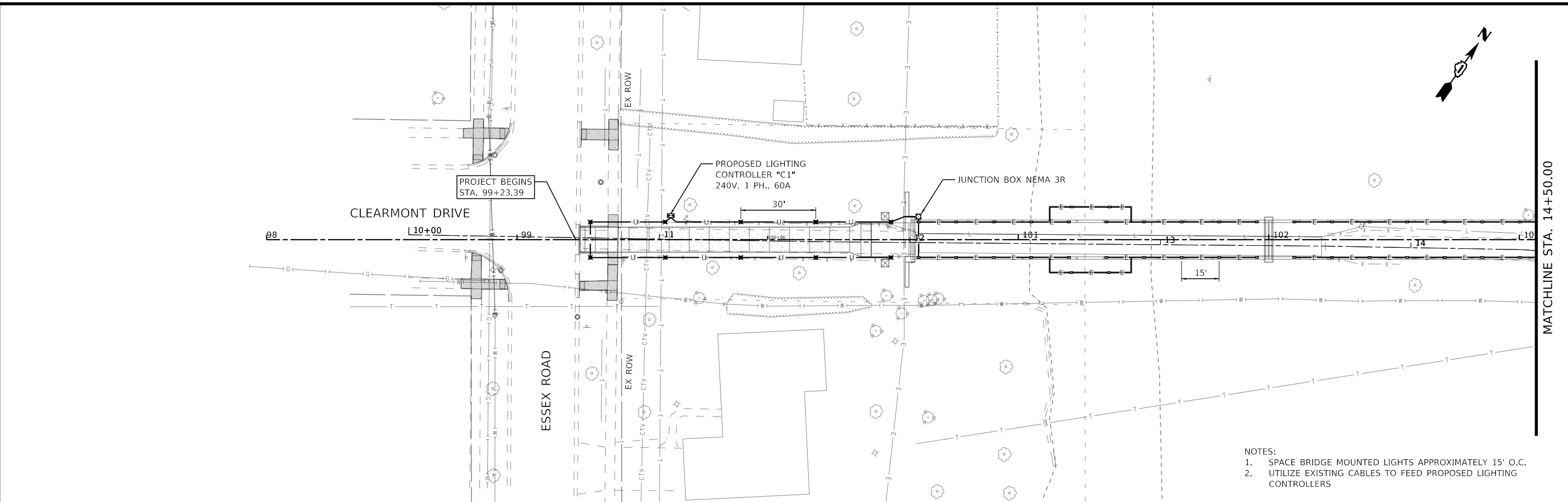
CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 ADA SIDEWALK DETAILS

SCALE: 1"=5'

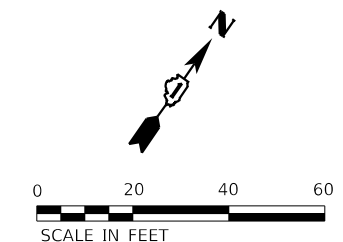
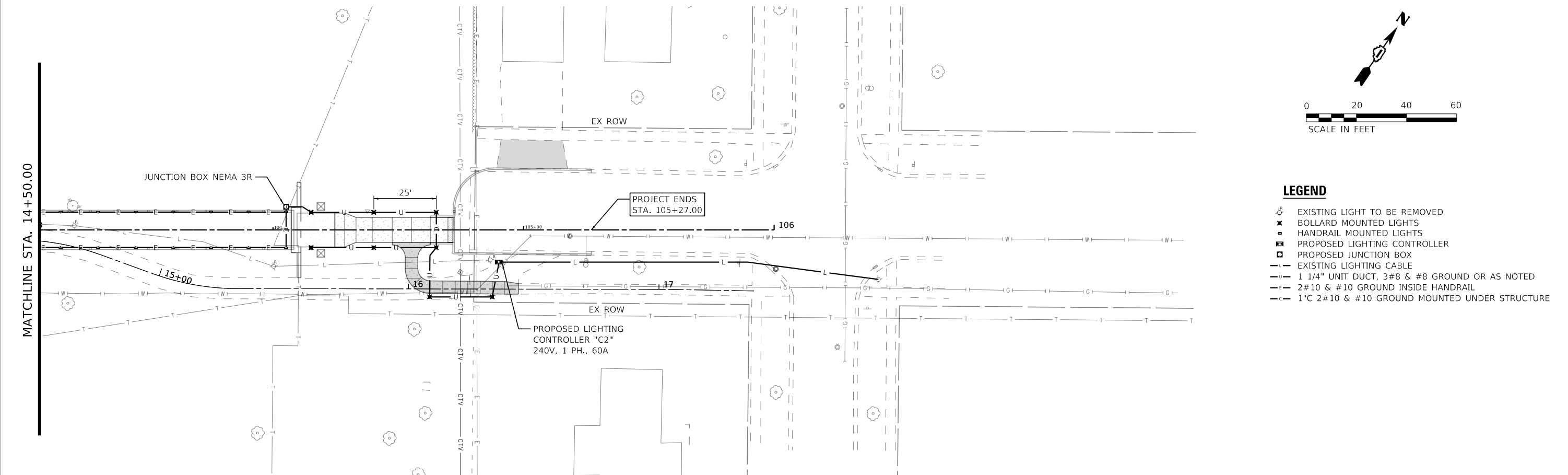
SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	33
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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- NOTES:
- SPACE BRIDGE MOUNTED LIGHTS APPROXIMATELY 15' O.C.
  - UTILIZE EXISTING CABLES TO FEED PROPOSED LIGHTING CONTROLLERS

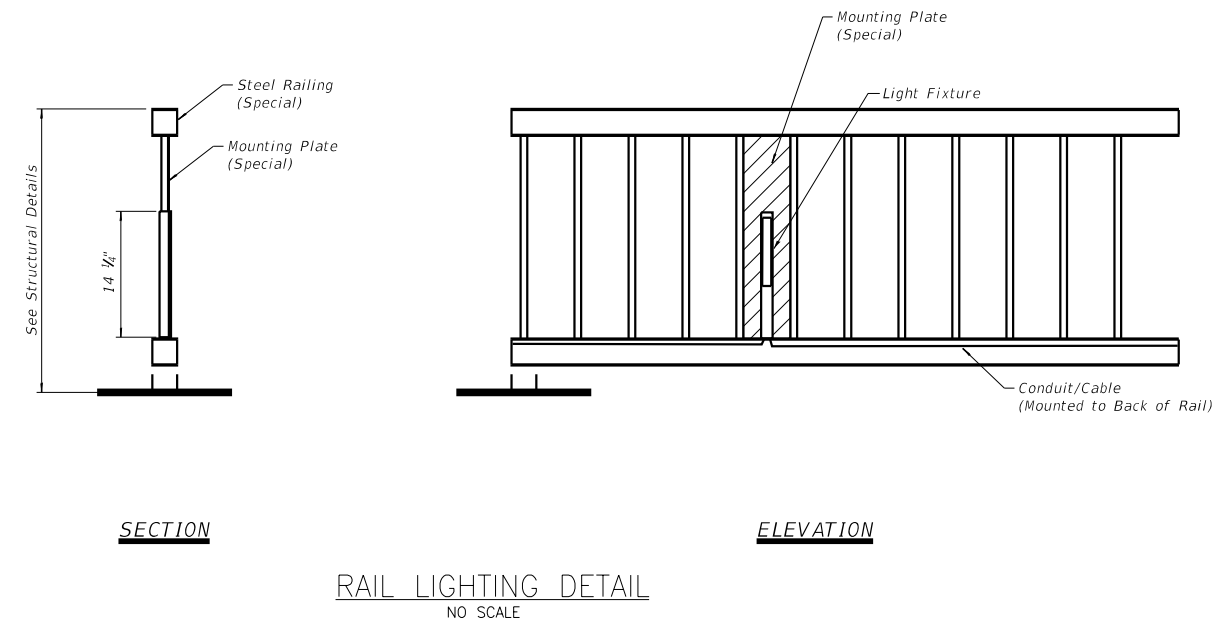


- LEGEND**
- EXISTING LIGHT TO BE REMOVED
  - BOLLARD MOUNTED LIGHTS
  - HANDRAIL MOUNTED LIGHTS
  - PROPOSED LIGHTING CONTROLLER
  - PROPOSED JUNCTION BOX
  - EXISTING LIGHTING CABLE
  - 1 1/4" UNIT DUCT, 3#8 & #8 GROUND OR AS NOTED
  - 2#10 & #10 GROUND INSIDE HANDRAIL
  - 1" 2#10 & #10 GROUND MOUNTED UNDER STRUCTURE

<b>BAXTER &amp; WOODMAN</b> Consulting Engineers	USER NAME = cstoczynski	DESIGNED - MLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 40.0000' / in.	DRAWN - KAR	REVISED -		<b>LIGHTING PLAN</b>			18-00066-00-BR	COOK	72	34			
	PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -		SCALE: 1"=20'			SHEET 1 OF 1 SHEETS			STA. 99+23.39 TO STA. 105+27.00		CONTRACT NO. 61110	
		DATE - 10/31/2022	FILE - 200852-sht-lighting_01.dgn		ILLINOIS FED. AID PROJECT									

**LIGHTING NOTES:**

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (N.E.C.).
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
3. CONTRACTOR TO TAKE NOTE THAT ELECTRICAL WIRES FOR LIGHTING ON THE BRIDGE ARE TO BE ROUTED INSIDE THE LOWER BRIDGE HANDRAIL (SEE DETAIL).
4. FIELD ADJUSTMENT OF LIGHTING UNIT LOCATIONS TO AVOID CONFLICTS MUST BE APPROVED BY THE VILLAGE AND/OR ENGINEER.
5. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING CONDUITS, CONDUCTORS, AND EQUIPMENT TO REMAIN. ANY ITEMS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
7. ANY TURF AND/OR SOIL DISTURBED THAT CANNOT REMAIN OR BE RE-USED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM.
8. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE VILLAGE AND/OR ENGINEER. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
9. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
10. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
11. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE VILLAGE AND/OR ENGINEER PRIOR TO BACKFILLING.
12. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND/OR BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
13. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "UNDERGROUND RACEWAYS". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING.
14. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE VILLAGE AND/OR ENGINEER.
15. ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS IN TRENCHES SHALL BE INSTALLED BEFORE PAVEMENT IS PLACED. CONDUIT LENGTHS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LENGTH REQUIREMENTS IN THE FIELD.
16. NO UNDERGROUND SPLICES OR SPLICES IN HANDHOLES WILL BE PERMITTED UNLESS SPECIFICALLY CALLED OUT ON THE PLANS. ELECTRIC HANDHOLES SHALL BE USED FOR THE PURPOSE OF PULLING CABLES ONLY.
17. LIGHTING UNIT SETBACK (S.B.) ARE FROM FACE OF CURB TO CENTERLINE OF POLE AND SHALL BE AS CALLED OUT ON PLANS.
18. ALL ELECTRICAL DEVICES AND MATERIALS SHALL BE U/L LISTED WHERE APPLICABLE.



**NOTES:**

1. MOUNTING PLATE TO BE MADE OF LIKE MATERIAL TO THE BRIDGE RAILING.
2. MOUNTING PLATES ARE TO HAVE A POWDERCOAT BLACK FINISH MATCHING THE FINISH OF THE BRIDGE RAILING.
3. MOUNTING PLATES ARE TO INCLUDE TABS ON THE BACK SIDE FOR ATTACHING THE LIGHT FIXTURE WITH SCREWS FROM INSIDE THE FIXTURE.
4. ATTACH MOUNTING PLATES TO BACK SIDE OF BRIDGE RAIL VERTICAL PICKETS.

**SUMMARY OF QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	50
81303500	JUNCTION BOX ATTACHED TO STRUCTURE 10" X 6" X 6"	EACH	2
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	250
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1000
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	24
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7
84200804	REMOVAL OF POLE FOUNDATION	EACH	6
X0324050	BOLLARD, LED	EACH	18
X0327739	MISCELLANEOUS ELECTRICAL WORK	LSUM	1
X1400431	LIGHTING ASSEMBLY (SPECIAL)	EACH	52

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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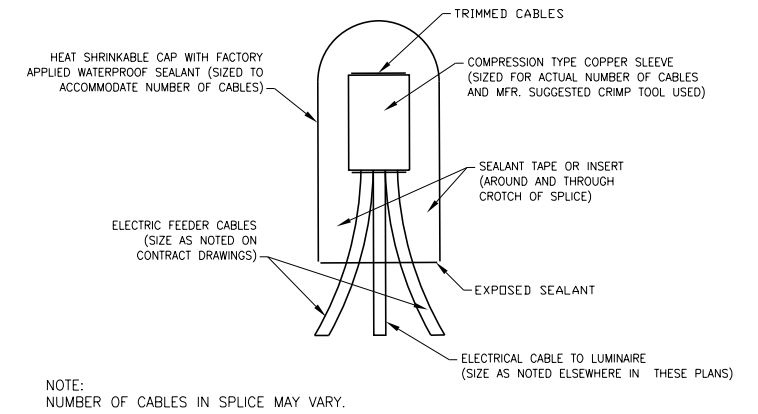
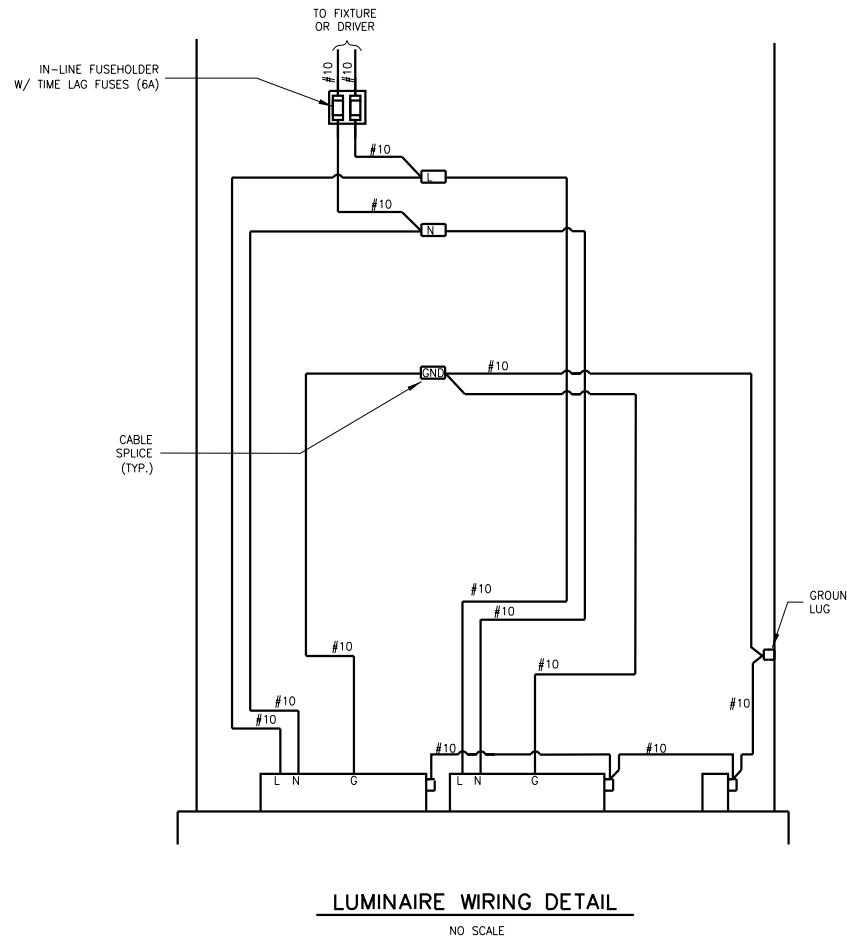
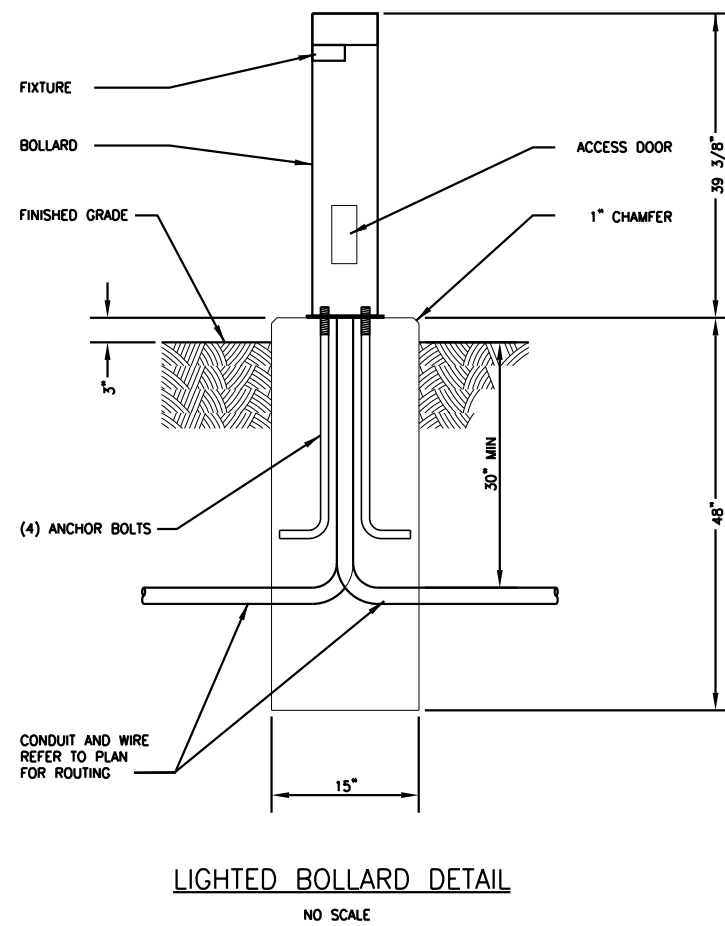
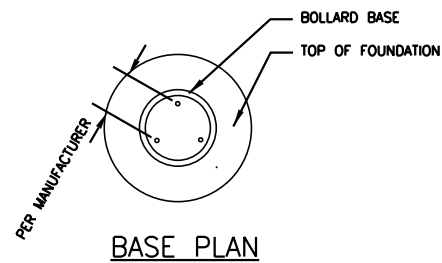
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

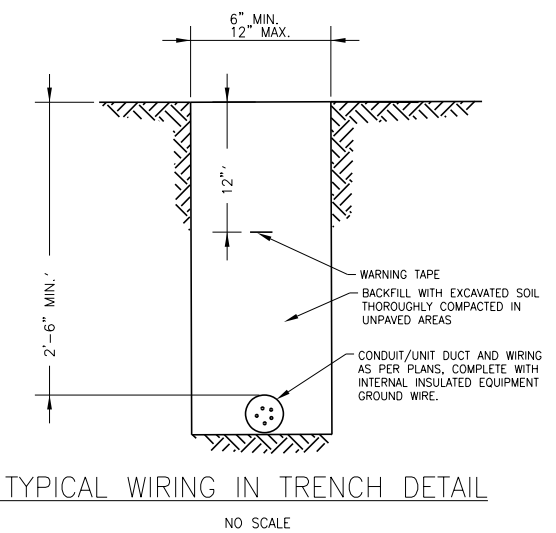
**CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK**  
**LIGHTING DETAILS**

SCALE: NONE    SHEET 1 OF 3 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	35
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				



SPLICING ELECTRICAL CABLES BASIC MATERIALS AND METHODS  
NO SCALE



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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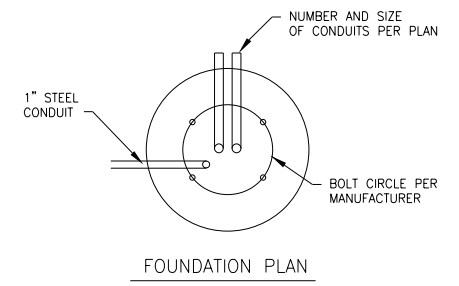
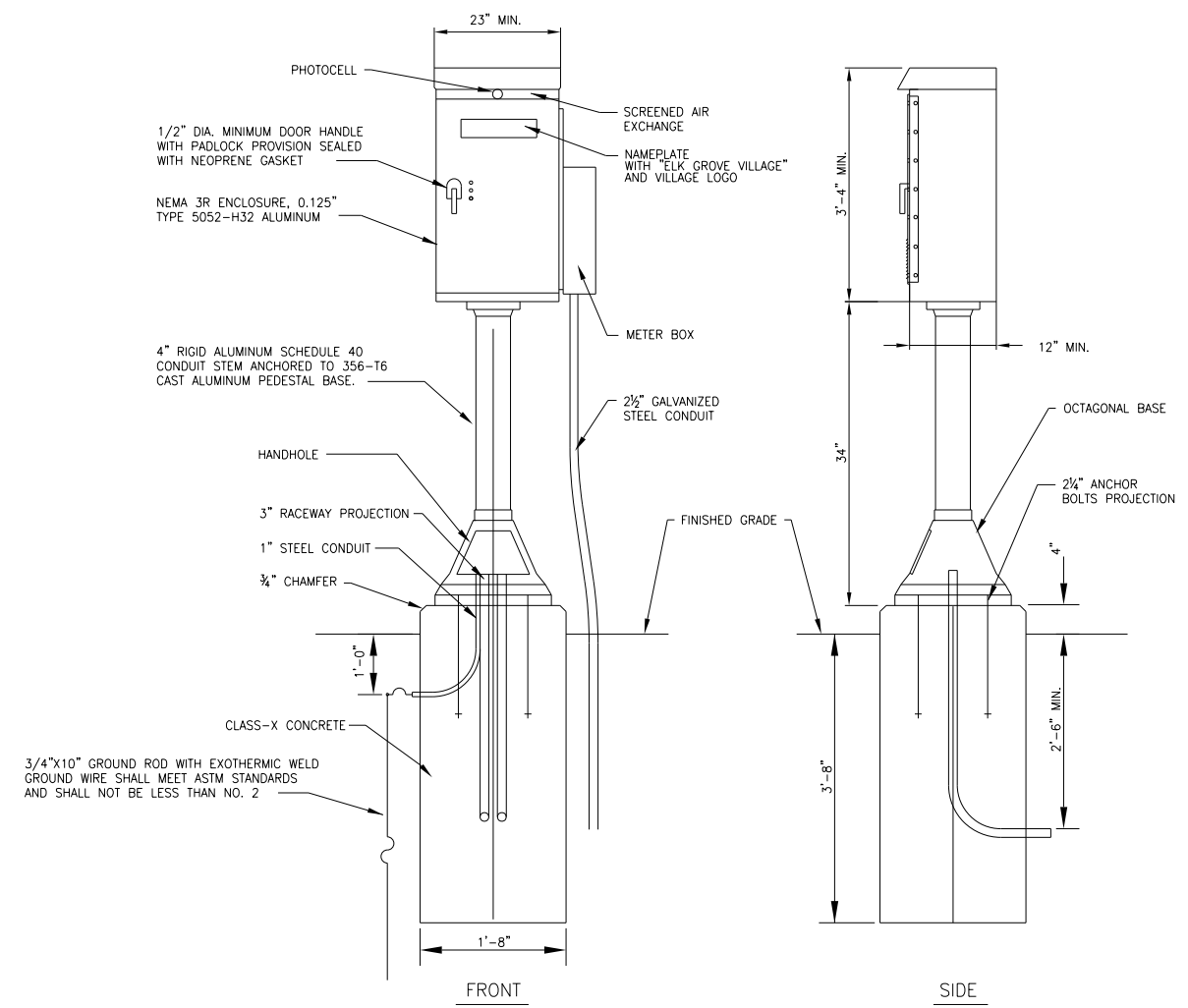
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	DATE - 10/31/2022	FILE - 200852-sht-lighting_details.dgn

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK			
LIGHTING DETAILS			
SCALE: NONE	SHEET 2	OF 3 SHEETS	STA. TO STA.

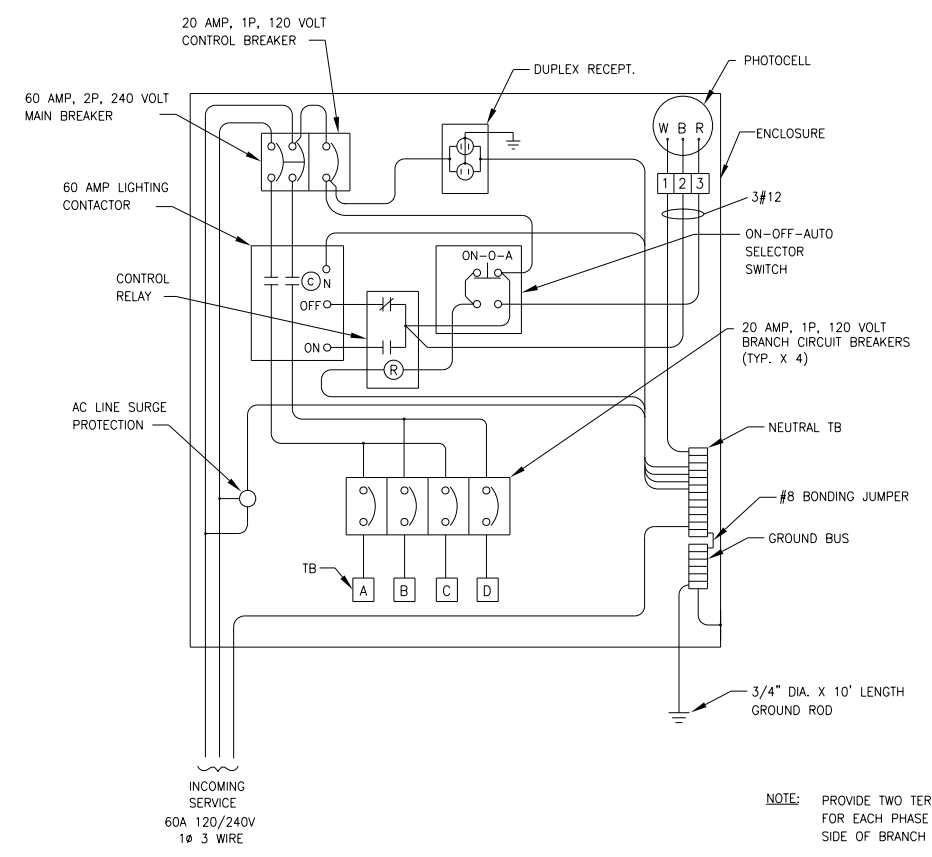
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	18-00066-00-BR	COOK	72	36
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
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FOUNDATION PLAN  
 CONTROL CABINET  
 NO SCALE

- NOTES:
- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM #3003H14, FORMED AND ARC WELDED ASSEMBLY WITH NEMA 3R RATING.
  - ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
  - NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK: "ELK GROVE VILLAGE" WITH "V" VILLAGE LOGO.
  - CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT SHALL NOT BE "DOUBLE LUGGED".
  - ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET.
  - THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508, AND SHOULD BE SERVICE ENTRANCE RATED.
  - METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
  - CIRCUIT BREAKERS AND CONTACTORS AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH THICK GLASTIC INSULATION BACK PANEL.
  - ALL DEVICES SHALL BE FRONT REMOVABLE.
  - BUS BAR SHALL HAVE 12 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
  - ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
  - ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
  - ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
  - ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
  - A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
  - ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
  - ALL WIRING SHALL BE IDENTIFIED BY MANUFACTURER COLOR CODED INSULATION, NEATLY DRESSED AND SUPPORTED.
  - INCLUDE SAFETY LABELS ON MAIN BREAKER, "WARNING-THIS DISCONNECT DOES NOT REMOVE ALL POWER FROM THIS PANEL".
  - LABOR AND MATERIALS FOR CONTROLLER FOUNDATION ARE INCIDENTAL TO THE COST OF THE CONTROLLER.
  - END USER TO SELECT FINISH COLOR FROM COLOR CHART PROVIDED BY CONTRACTOR IN CONTROLLER SUBMITTAL.



NOTE: PROVIDE TWO TERMINAL LUGS FOR EACH PHASE LEG ON LOAD SIDE OF BRANCH CIRCUIT BREAKERS.

LIGHTING CONTROLLER WIRING DIAGRAM  
 NO SCALE



USER NAME = cstorczynski	DESIGNED - MLH	REVISED -
DRAWN - KAR	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	FILE - 200852-sht-lighting_details.dgn

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CLEARMONT PEDESTRIAN BRIDGE OVER SALT CREEK  
 LIGHTING DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	37
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

**BENCHMARK**

Northeast flange bolt on the fire hydrant along the east side of Cypress Lane, approximately 50 feet north of the intersection of Clearmont Drive and Cypress Lane. Elev. 685.16

**EXISTING STRUCTURE**

The existing single span, weathering steel truss bridge was constructed in the early 1980's under a locally funded contract and has no assigned NBIS structure number. The truss with wood plank decking, and wire mesh along the truss for fall protection is supported on pile bent concrete abutments. Lighting was added to the structure in the late 1990's and the decking was replaced in 2010. The structure is approximately 170 feet back-to-back of abutments and with 8-foot deck clear width. There is electric conduit and light fixtures mounted to the structure.

Bridge and path to be closed and pedestrian and bicycle traffic to be detoured.

No Salvage.

**DESIGN SCOUR ELEVATION TABLE**

Event / Limit	Design Scour Elevations (ft.)			Item 113
	W. Abut.	Pier	E. Abut.	
Q100	N/A	673.25	N/A	8
Q500	N/A	672.90	N/A	
Design	678.77	672.90	677.39	
Check	678.77	672.90	677.39	

**DESIGN SPECIFICATIONS**

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition  
 2009 AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges, 2nd Edition, with 2015 Interims

**LOADING H-10 & PEDESTRIAN**

Design Vehicle: H10 (20,000 lbs.)  
 Pedestrian: 90 psf

**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)  
 $f'_c = 4,000$  psi (Deck and Appr. Slab)

**PRE-ENGINEERED BRIDGE UNITS**

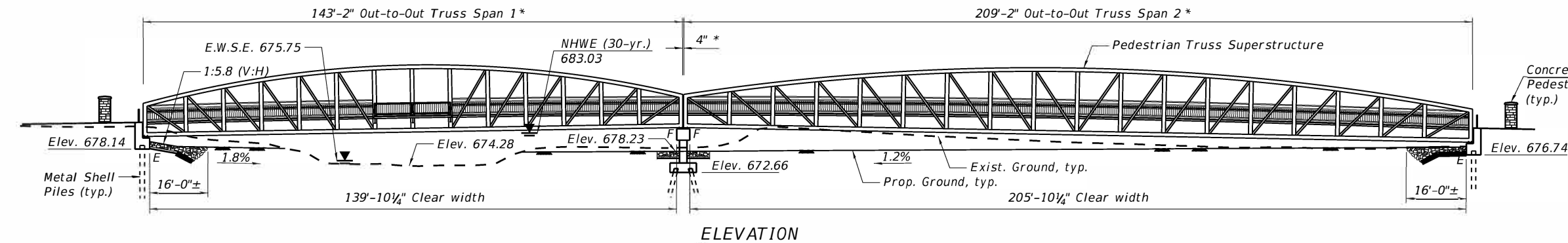
$f_y = 50,000$  psi (M270 Grade 50)

**SEISMIC DATA**

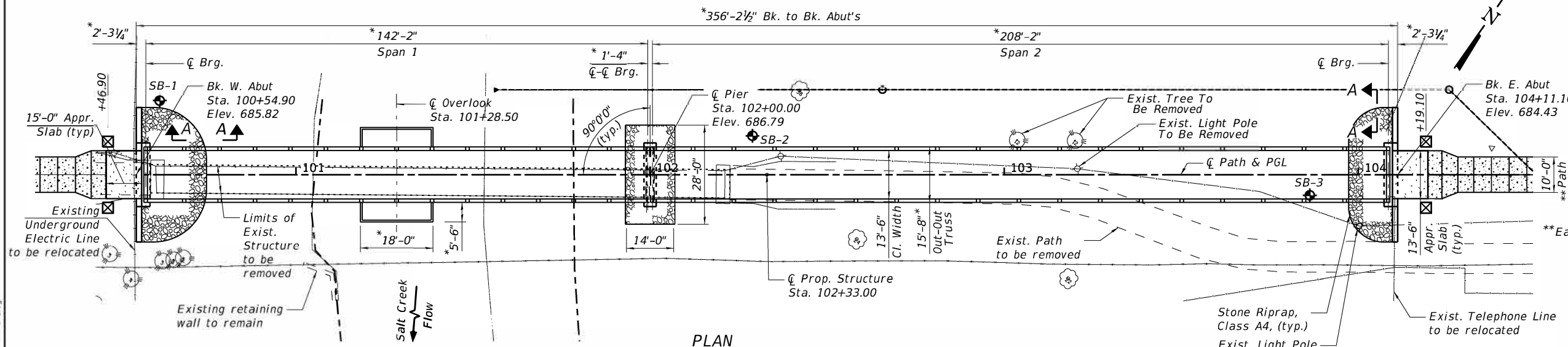
Seismic Performance Zone (SPZ) = 1  
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.085g  
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.148g  
 Soil Site Class = D

**NOTES**

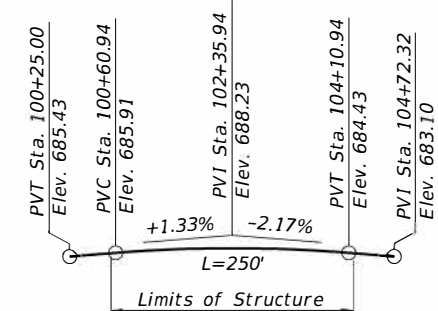
- All dimensions marked with an \* are dependent on Truss Manufacturer's final design. Contractor shall verify all dimensions and make adjustments as necessary approved by the Engineer.
- See Lighting Plans for bridge lighting details.
- Dewatering may be required for the pier footing construction. Cost of dewatering included with Structure Excavation.



**ELEVATION**



**PLAN**



**PROFILE GRADE**  
 (Along PGL & C Path)

**LEGEND**

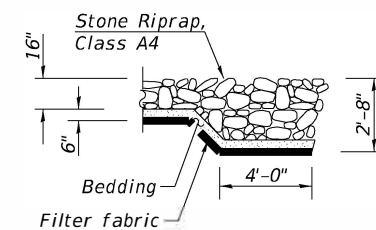
- Exist. Buried Cable
- Exist. Underground Electric
- Exist. Telephone
- Exist. Underground Water Main
- Exist. Underground Gasline
- Wetland Limits
- Waters Limits
- Existing Fence
- Drainage PR\_Storm Sewer
- ◆ Soil Boring Location

**WATERWAY INFORMATION**

Drainage Area = 50.0 sq. mi.      Exist. Low Grade Elev. 679.9 @ Sta. 104+00.00  
 Prop. Low Grade Elev. 683.0 @ Sta. 104+73.40

Flood	Freq. Yr.	Q C.F.S.	Opening Ft <sup>2</sup>		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Overtopping Exist.	10	1,653	1,065	1,270	682.2	0.0	0.0	682.2	682.2
Design	30	2,071	1,355	1,455	683.0	0.0	0.1	683.0	683.1
Overtopping Prop.	50	2,300	1,555	1,495	683.5	0.0	0.0	683.5	683.5
Base	100	2,590	1,850	1,590	684.1	0.0	0.1	684.1	684.2
Max. Calc.	500	3,350	2,180	1,735	684.6	0.0	0.1	684.6	684.7

10-Year Velocity through Existing Bridge = 2.19 ft/s  
 10-Year Velocity through Proposed Bridge = 1.44 ft/s

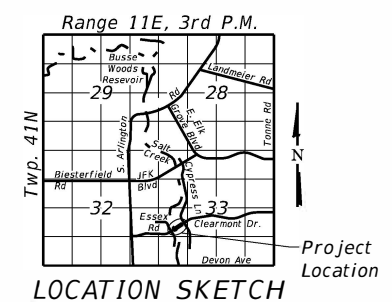


**SECTION A-A**



DATE: 9/29/22  
 LICENSE EXPIRES 11/30/22

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the AASHTO LRFD Bridge Design Specifications.



**GENERAL PLAN AND ELEVATION**  
**CLEARMONT PEDESTRIAN BRIDGE**  
 SEC. 18-00066-00-BR  
 COOK COUNTY  
 STATION 102+33.00  
 STRUCTURE NO. 016-6919

<b>BAXTER &amp; WOODMAN</b> Consulting Engineers	USER NAME = SUSERNAMES	DESIGNED BLB	REVISED -	<b>ELK GROVE VILLAGE</b>	<b>GENERAL PLAN AND ELEVATION</b> <b>STRUCTURE NO. 016-6919</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:33.3333	CHECKED BAB	REVISED -			18-00066-00-BR	COOK	72	38	
PLOT DATE = 10/31/2022	DRAWN BLB	REVISED -						CONTRACT NO. 61J10		
	CHECKED BAB	REVISED -						IL LINOIS FEDAID PROJECT		

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**GENERAL NOTES**

1. Fasteners shall be mechanically galvanized high-strength bolts in accordance with the requirements of Article 1006.08(a) of the Standard Specifications. Bolt size shall be determined by Pedestrian Truss Superstructure Manufacturer.
2. All structural steel shall be AASHTO M 270 Grade 50.
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars shall conform to the requirements ASTM A 706 Gr. 60.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Anti-Graffiti Coating shall be applied to all exposed surfaces of wingwalls, backwalls, bearing seats and front face of pile cap of the abutments and all exposed surfaces of the pier. Coating shall not be applied until the manufacturer's recommended concrete cure time has elapsed. Coating shall be applied prior to installation of the bridge superstructure and Steel Railing (Special).
7. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. Initial layout of slope protection to be proposed by the contractor and must be reviewed and approved by the Engineer or Village.
8. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
9. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 floodway construction permit number allowing permanent construction as shown in the contract plans.
10. Bridge section details and unfactored reaction table loads shown on these plans are for reference only. Pedestrian truss superstructure manufacturer is responsible for truss superstructure details and design loads to the substructure.
11. The Village desires a truss structure with no overhead bracing on either span to create an "open" feeling for users. The manufacturer's design shall account for this with larger structural members if necessary, within the limits of available materials and design code requirements. Notify the Village prior to submitting shop drawings if this requirement cannot be met.
12. The substructure is designed per the current AASHTO LRFD Bridge Design Specifications and is based on the assumed truss loads shown in the table. If the manufacturer's design exceeds those loads and/or the substructure needs to be adjusted to accommodate the truss superstructure chosen, then the Contractor shall submit the redesign to the Engineer for review and approval prior to ordering any material or starting construction. All design calculations, shop drawings and redesigned substructure drawings shall be sealed by a Structural Engineer licensed in the State of Illinois and shall be the responsibility of the Contractor.
13. Truss manufacturer shall provide the reinforced concrete deck design and submit shop drawings for review. Concrete deck to utilize stay-in-place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the concrete deck after truss is set. Cost of reinforced concrete deck and associated design and submittals are included with Pedestrian Truss Superstructure.
14. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior and exterior steel surfaces shall be Matte Black. Cost of painting is included with Pedestrian Truss Superstructure.
15. All temporary support systems, cribbing, crane platforms, and other temporary works necessary for the erection the superstructure shall be included with the cost of Pedestrian Truss Superstructure. Shop drawings or working drawings for all temporary works shall be submitted to the Engineer for approval.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPERSTRUCTURE	SUBSTRUCTURE	TOTAL
Stone Riprap, Class A4	Sq Yd		184	184
Filter Fabric	Sq Yd		184	184
Removal of Existing Structures	L Sum			1
* Structure Excavation	Cu Yd		191	191
Concrete Structures	Cu Yd		74.8	74.8
Form Liner Textured Surface	Sq Ft		381	381
** Protective Coat	Sq Yd		583	583
Concrete Superstructure (Approach Slab)	Cu Yd	13.3		13.3
Reinforcement Bars, Epoxy Coated	Pound	4460	10350	14810
Furnishing Metal Shell Piles 14" X 0.312"	Foot		697	697
Driving Piles	Foot		697	697
Test Pile Metal Shells	Each		3	3
Pile Shoes	Each		17	17
Name Plates	Each	1		1
Granular Backfill for Structures	Cu Yd		168	168
Geocomposite Wall Drain	Sq Yd		52	52
Pipe Underdrains for Structures 4"	Foot		100	100
Pedestrian Truss Superstructure	Sq Ft	5066		5066
Anti-Graffiti Coating	Sq Ft		1215	1215
Staining Concrete Structures	Sq Ft		381	381
Steel Railing (Special)	Foot	48		48

\* May require dewatering during flood season  
 \*\* Apply Protective Coat to concrete bridge deck and approach slabs

**INDEX OF SHEETS**

- 1 General Plan and Elevation
- 2 General Data
- 3 Bridge Sections and Details
- 4 Pedestrian Bridge Railing Details
- 5 West Abutment Details
- 6 East Abutment Details
- 7 Pier Details
- 8 Top of Approach Slab Elevations
- 9 Bridge Approach Slab Details
- 10 Steel Railing (Special)
- 11 Concrete Pedestal Details
- 12 Metal Shell Pipe Pile Details
- 13 Soil Boring Logs
- 14 Soil Boring Logs
- 15 Soil Boring Logs

SALT CREEK  
 BUILT 2023 BY  
 ELK GROVE VILLAGE  
 SEC. 18-00066-00BR  
 STATION 102+33  
 STRUCTURE NO. 016-6919  
 LOADING H10 & PEDESTRIAN

**NAME PLATE**  
 See Std. 515001

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	CHECKED BAB	REVISED -
PLOT SCALE = 1:10.6667	DRAWN BLB	REVISED -
PLOT DATE = 10/31/2022	CHECKED BAB	REVISED -

**ELK GROVE VILLAGE**

**GENERAL DATA**  
**STRUCTURE NO. 016-6919**

SHEET NO. 2 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	39
			CONTRACT NO. 61J10	
		ILLINOIS	FED. AID PROJECT	

**BRIDGE REACTION TABLE**

(143 ft Pedestrian Truss Superstructure)

Load Category	P (Lbs)	H (Lbs)	L (Lbs)
** Dead Load	83,650	-	-
Uniform Live Load	43,910	-	-
Vehicle Load	10,000	-	-
Wind Uplift 20 PSF	-16,780	-	-
Wind	±15,585	31,230	-
Thermal	-	-	12,550

Bridge Weight w/Concrete Deck: 334,600 LBS.  
Bridge Lifting Weight: 183,000 LBS.

\*\* Includes Weight of concrete deck

**TABLE OF REFERENCES**

P - Vertical load at each base plate (4 per Bridge)  
H - Horizontal load at each footing (2 per Bridge)  
L - Longitudinal load at each base plate (4 per Bridge)  
Positive - Downward load; Negative - Upward load

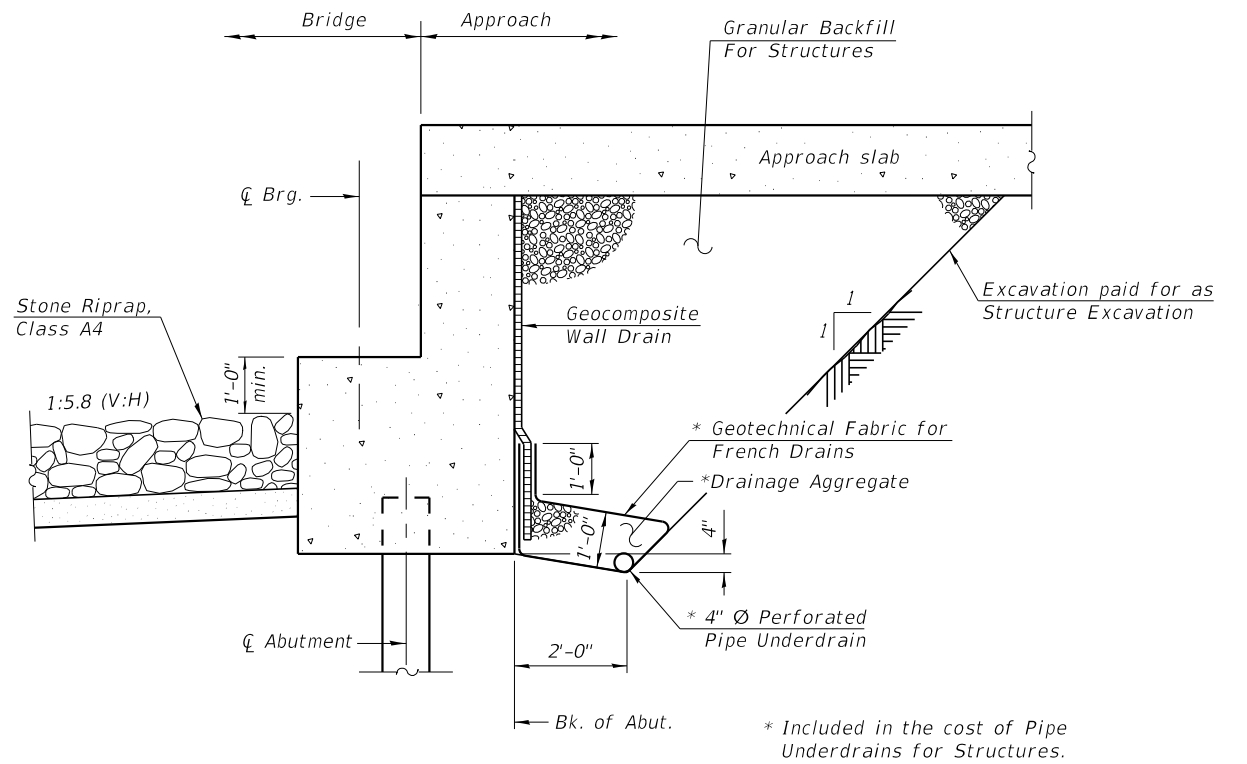
Note: All dimensions and values are subject to change after final design.

**BRIDGE REACTION TABLE**

(209 ft Pedestrian Truss Superstructure)

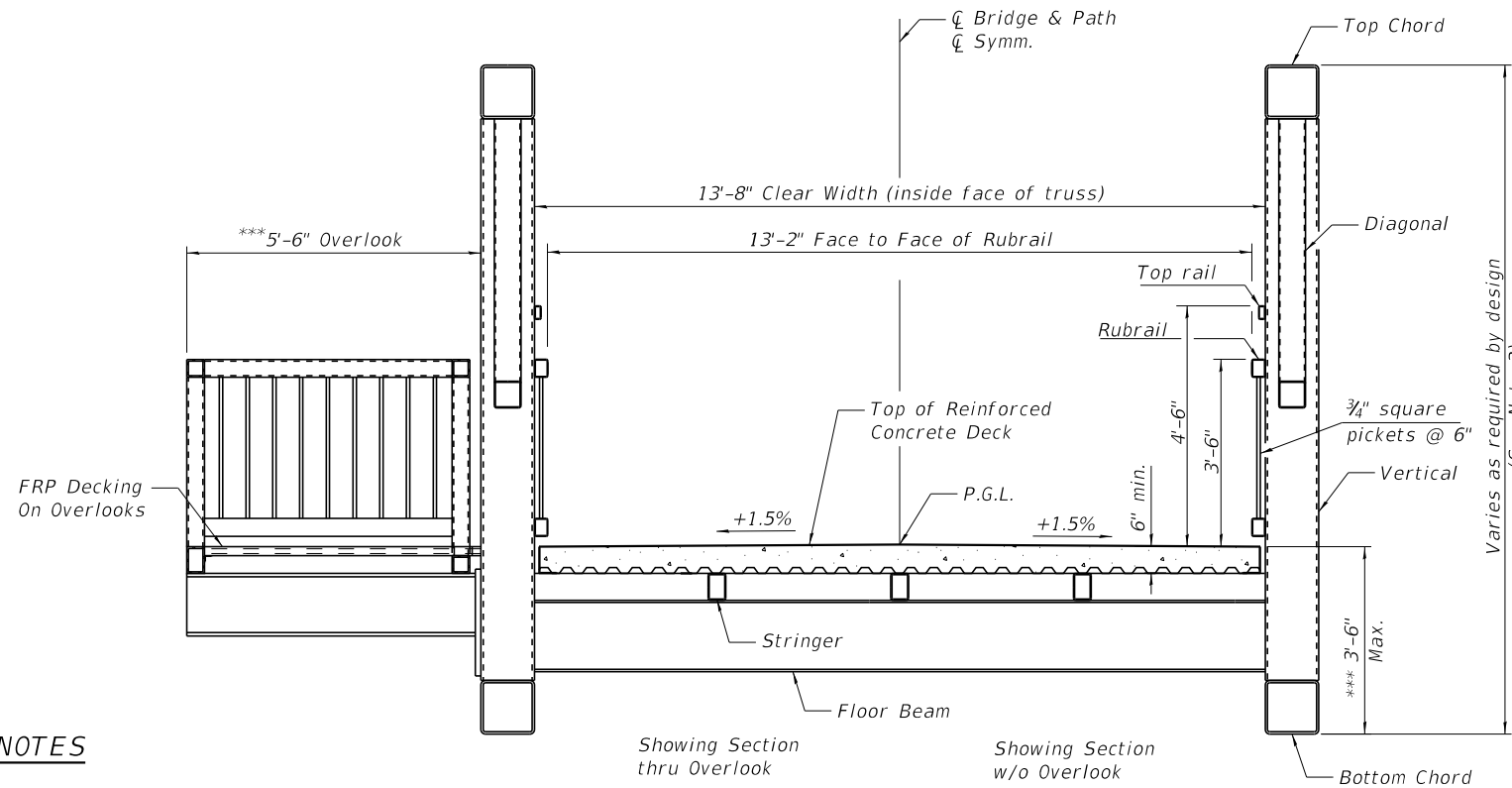
Load Category	P (Lbs)	H (Lbs)	L (Lbs)
** Dead Load	96,125	-	-
Uniform Live Load	64,210	-	-
Vehicle Load	10,000	-	-
Wind Uplift 20 PSF	-24,535	-	-
Wind	±24,330	45,665	-
Thermal	-	-	14,420

Bridge Weight w/Concrete Deck: 384,500 LBS.  
Bridge Lifting Weight: 184,800 LBS.



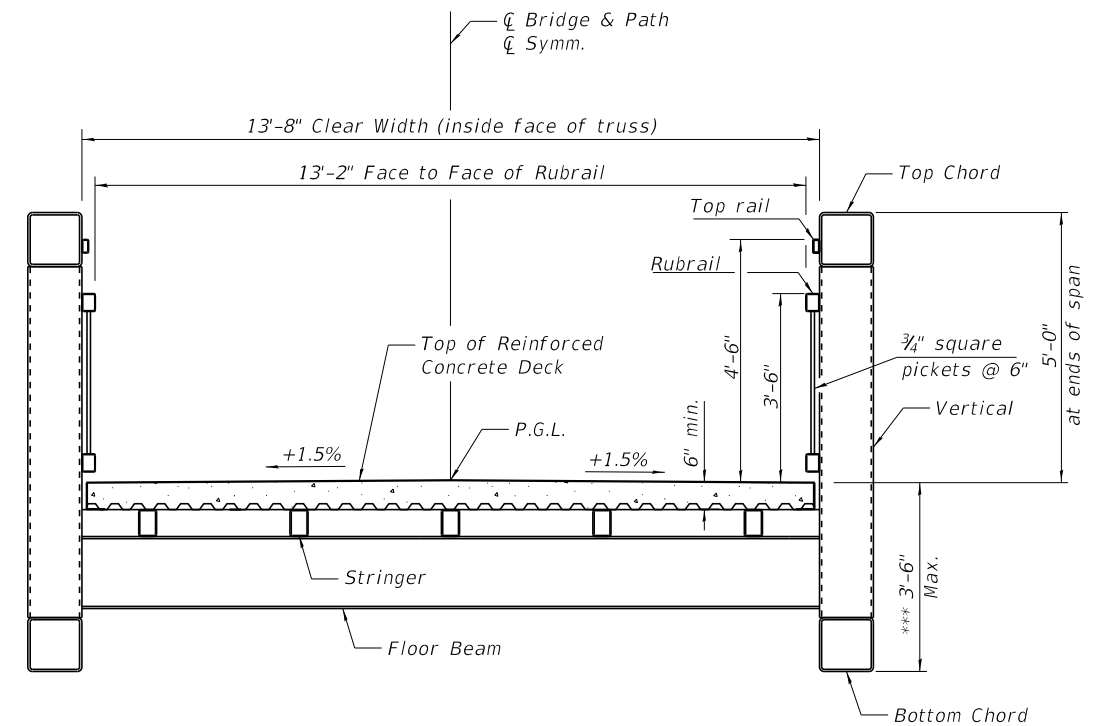
**SECTION THRU ABUTMENT**

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into storm sewer.



**BRIDGE CROSS SECTION NEAR MIDSPAN**

Bridge cross section is for reference only. Truss Manufacturer is responsible for final design and details.



**BRIDGE CROSS SECTION NEAR ABUTMENTS AND PIER**

Bridge cross section is for reference only. Truss Manufacturer is responsible for final design and details.

**NOTES**

- Overlook with FRP deck, typical each side of truss in Span 1, centered at Sta. 101+28.50. Decking shall be oriented to span perpendicular to the main truss span. See Special Provisions for additional information.
- See Lighting Plan for bridge lighting details.
- Both truss spans shall be equal in both their maximum and minimum height, as measured from bottom of bottom chord to top of top chord.

\*\*\* These dimensions are dependent on Truss Manufacturer's final design.

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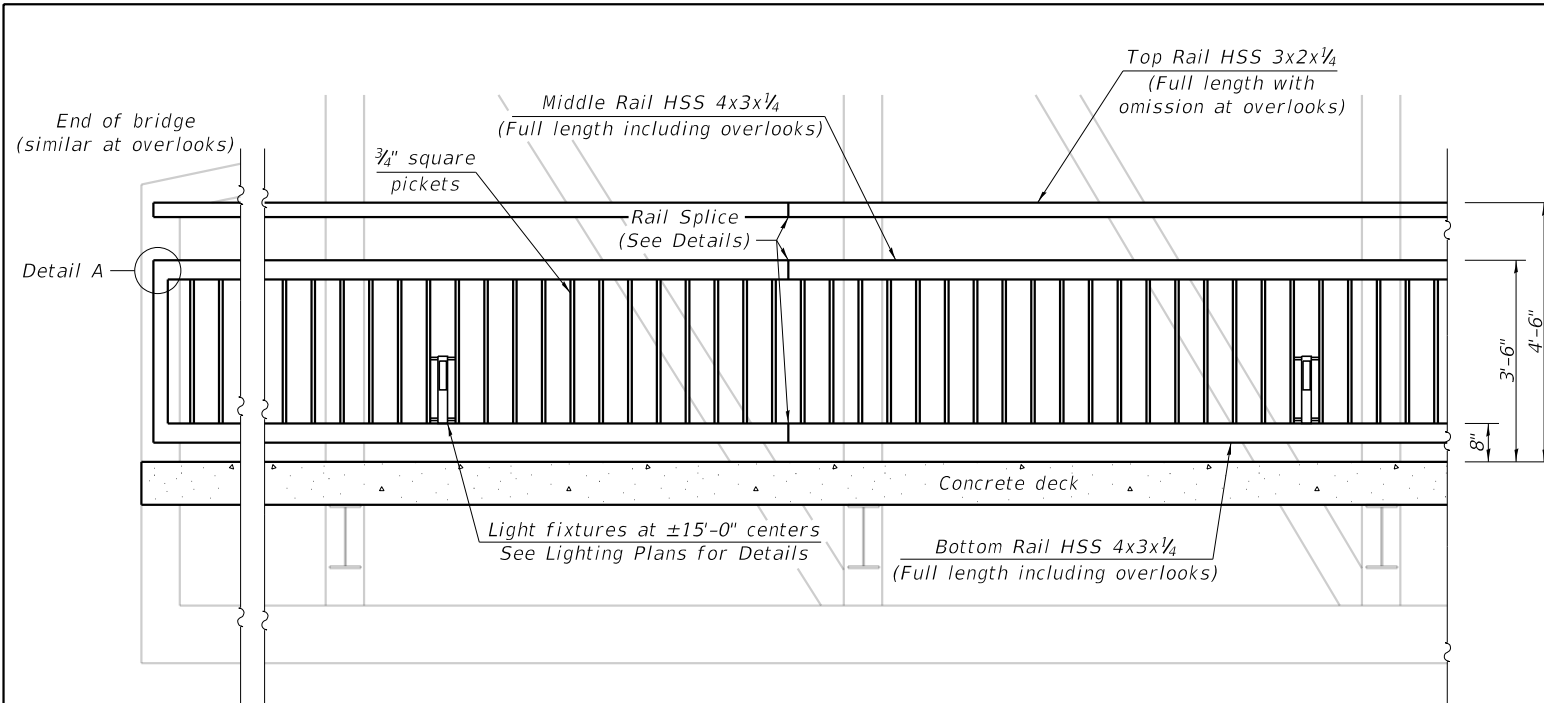
ELK GROVE VILLAGE

BRIDGE SECTIONS AND DETAILS  
STRUCTURE NO. 016-6919

SHEET NO. 3 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	40
CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				

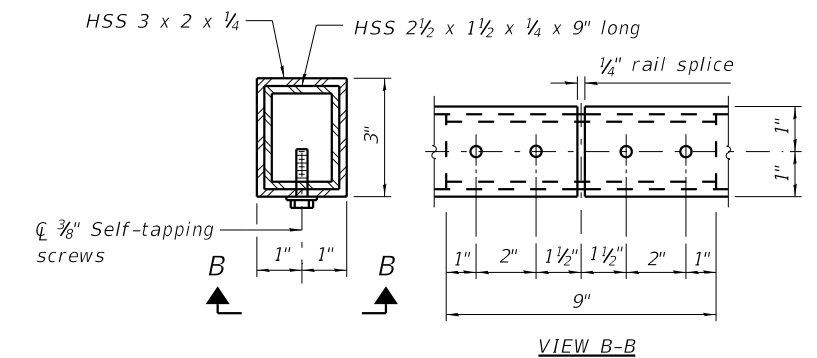




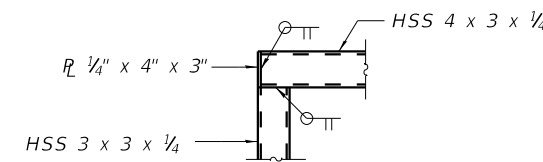
TYPICAL RAILING ELEVATION VIEW

NOTES

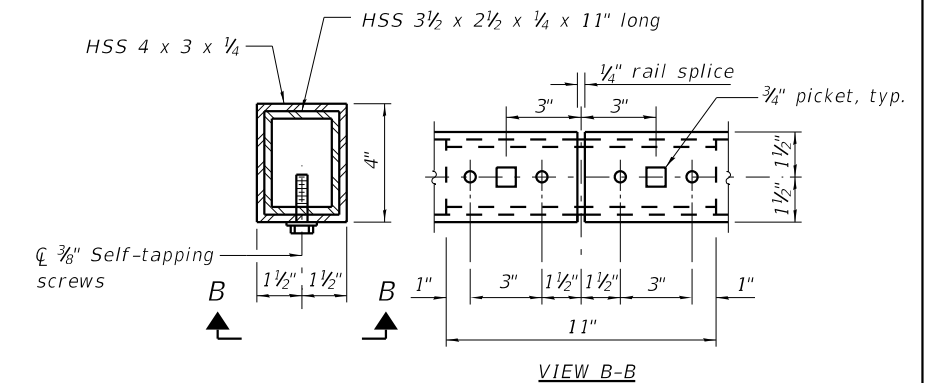
1. Cost of railings, connections, and associated structural design and shop drawing submittals shall be included with the cost of Pedestrian Truss Superstructure.
2. Railing connections to the truss superstructure shall be designed by the truss manufacturer and detailed on the shop drawings. Connection design shall follow the same design specifications as the truss superstructure.
3. All posts, railings, splices, shall be painted using the same paint system specified for the Pedestrian Truss Superstructure. See General Notes on Sheet 2 of 15.
4. Railing splice locations shall be coordinated with light fixture locations to avoid conflicts. See Lighting Plans for additional details.



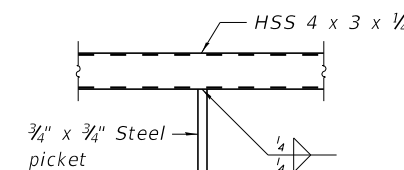
RAIL SPLICE - TOP RAIL



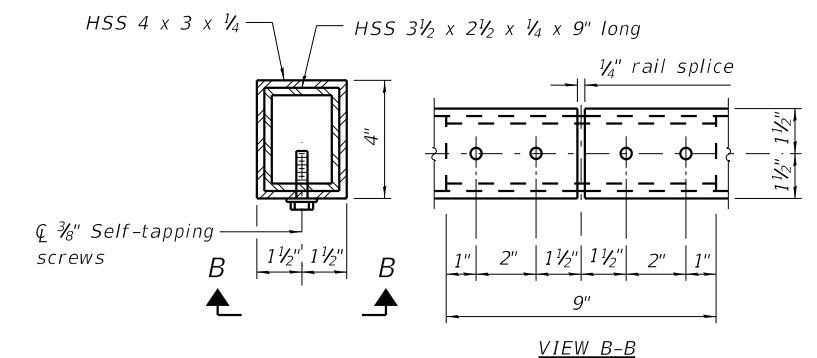
DETAIL A  
Typical each end of bridge and at overlook entrance



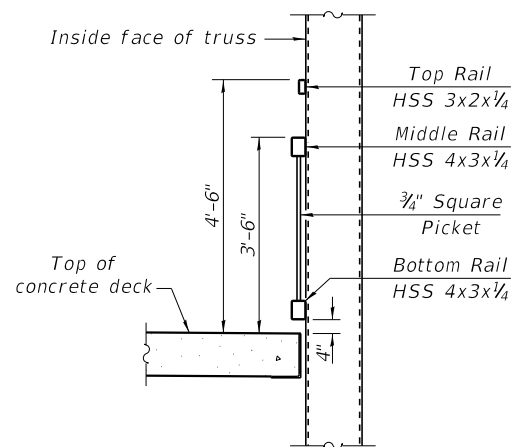
RAIL SPLICE - MIDDLE RAIL



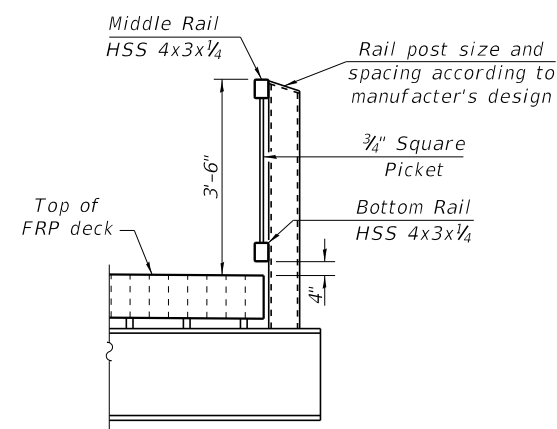
DETAIL B



RAIL SPLICE - BOTTOM RAIL



SECTION THRU RAILING (TRUSS)



SECTION THRU RAILING (OVERLOOKS)

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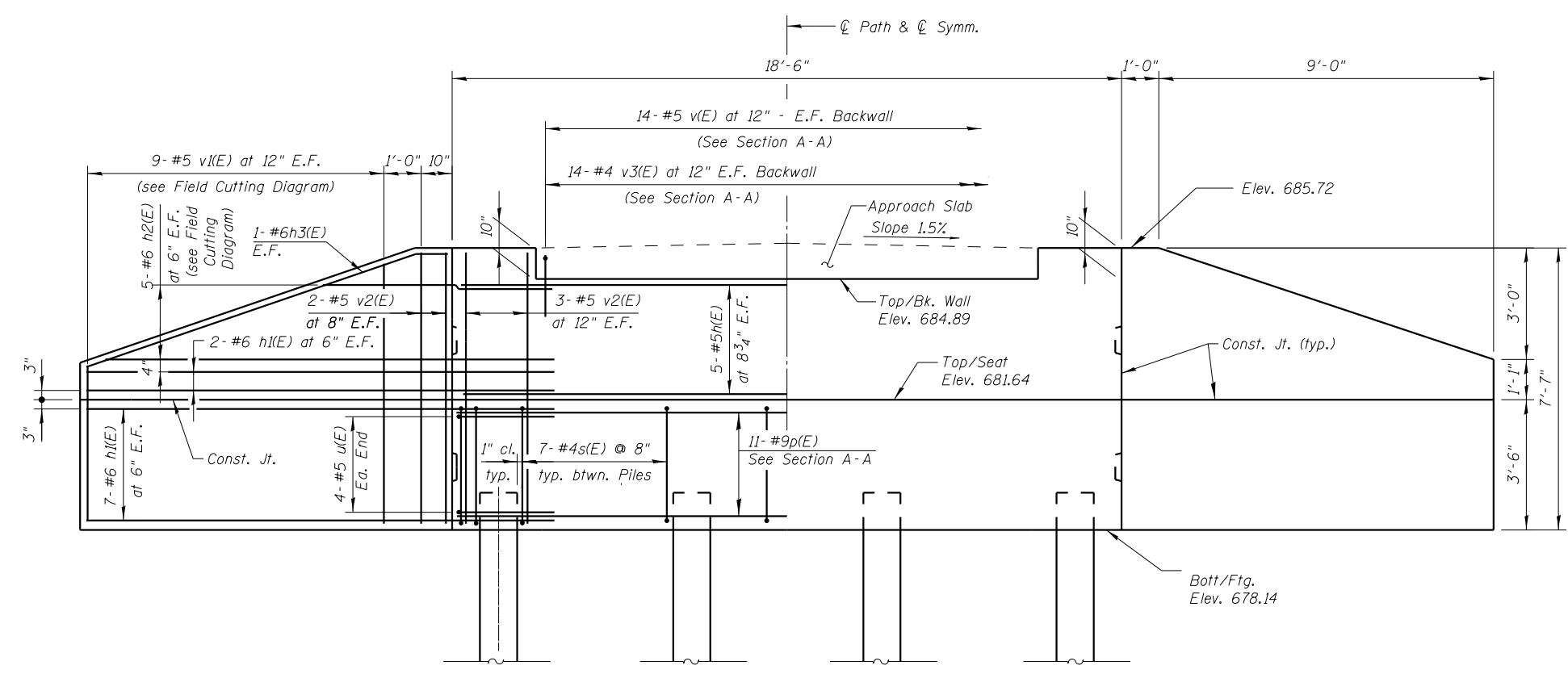
ELK GROVE VILLAGE

PEDESTRIAN BRIDGE RAILING DETAILS  
STRUCTURE NO. 016-6919

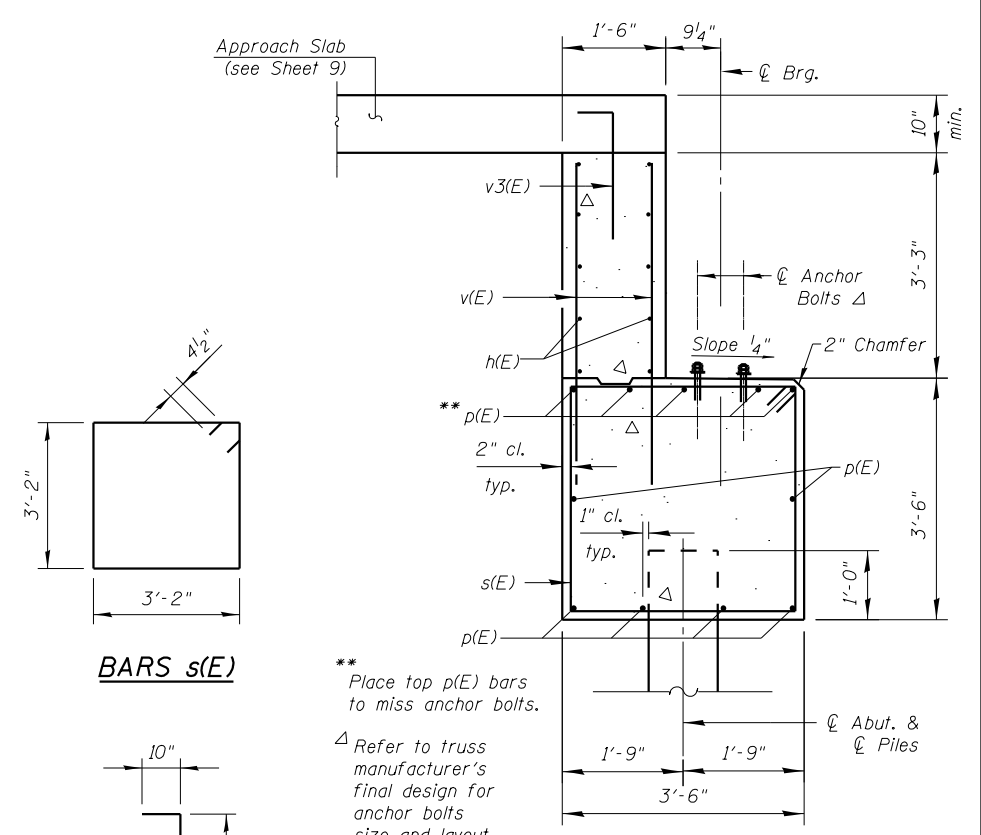
SHEET NO. 4 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 61J10	
ILLINOIS FED. AID PROJECT				

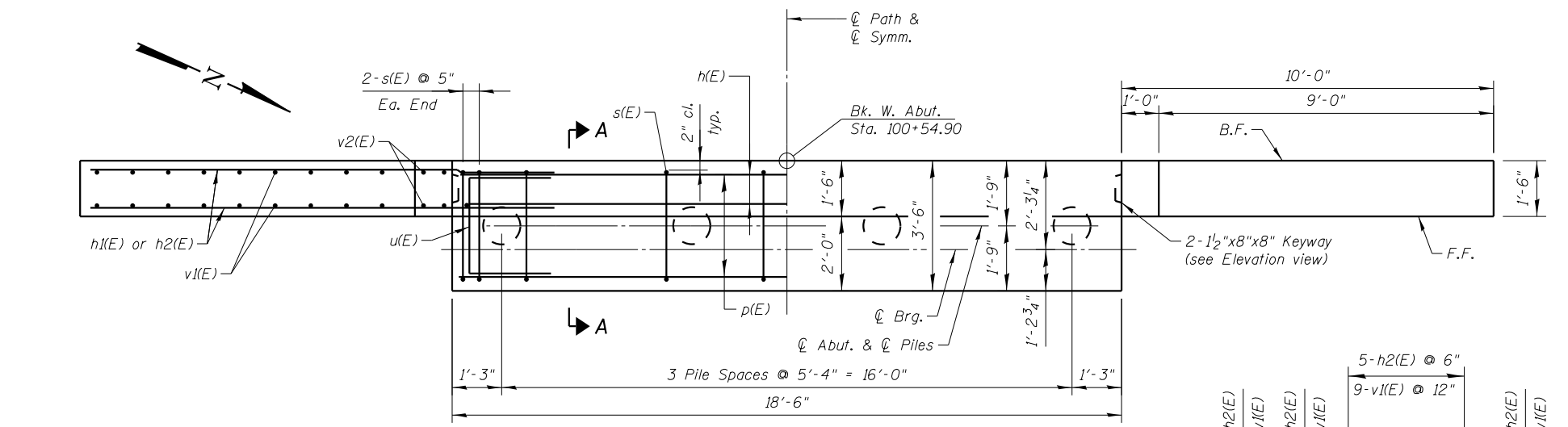
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**ELEVATION**  
(F. F. Shown)



**SECTION A-A**



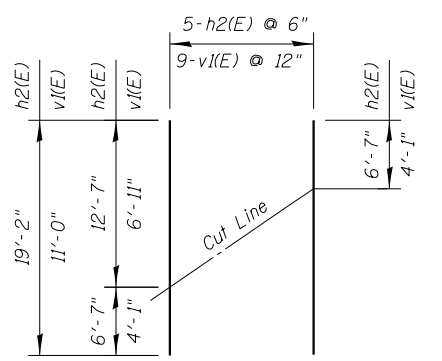
**PLAN**

**PILE DATA W. ABUT.**

Type: Metal Shell - 14" dia. x 0.312" walls  
 Nominal Required Bearing: 286 kips  
 Factored Resistance Available: 140 kips  
 Est. Length: 43'  
 No. Production Piles: 3  
 No. Test Piles: 1

**NOTES**

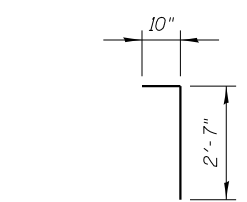
Space reinforcement to miss anchor bolts.  
 For detail of piles, see Sheet 12.  
 For typical sections thru abutment, see Sheet 3.  
 B.F. denotes back face;  
 E.F. denotes each face;  
 F.F. denotes front face.



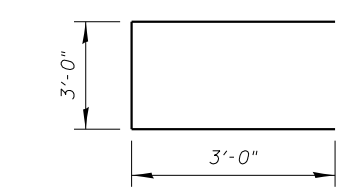
**FIELD CUTTING DIAGRAM**

Order h2(E) and v1(E) full length. Cut as shown and use remainder of bars in opposite face.

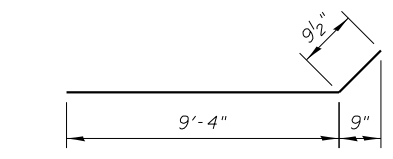
**BARS s(E)**



**BAR v3(E)**



**BAR u(E)**



**BAR h3(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	10	#5	18'-2"	—
h1(E)	36	#6	13'-2"	—
h2(E)	10	#6	19'-2"	—
h3(E)	4	#6	10'-2"	—
p(E)	11	#9	18'-2"	—
s(E)	25	#4	13'-5"	□
u(E)	8	#5	9'-0"	—
v(E)	28	#5	5'-6"	—
v1(E)	18	#5	11'-0"	—
v2(E)	20	#5	7'-3"	—
v3(E)	14	#4	3'-5"	—
Stone Riprap, Class 4		Sq. Yd.	70	
Filter Fabric		Sq. Yd.	70	
Structure Excavation		Cu. Yd.	95	
Concrete Structures		Cu. Yd.	18.7	
Reinforcement Bars, Epoxy Coated		Pound	2,780	
Furnishing Metal Shell Piles 14" x 0.312"		Foot	129	
Driving Piles		Foot	129	
Test Pile Metal Shells		Each	1	
Pile Shoes		Each	4	
Concrete Sealer		Sq. Ft.	275	

\* See Field Cutting Diagram

**WEST ABUTMENT DETAILS**



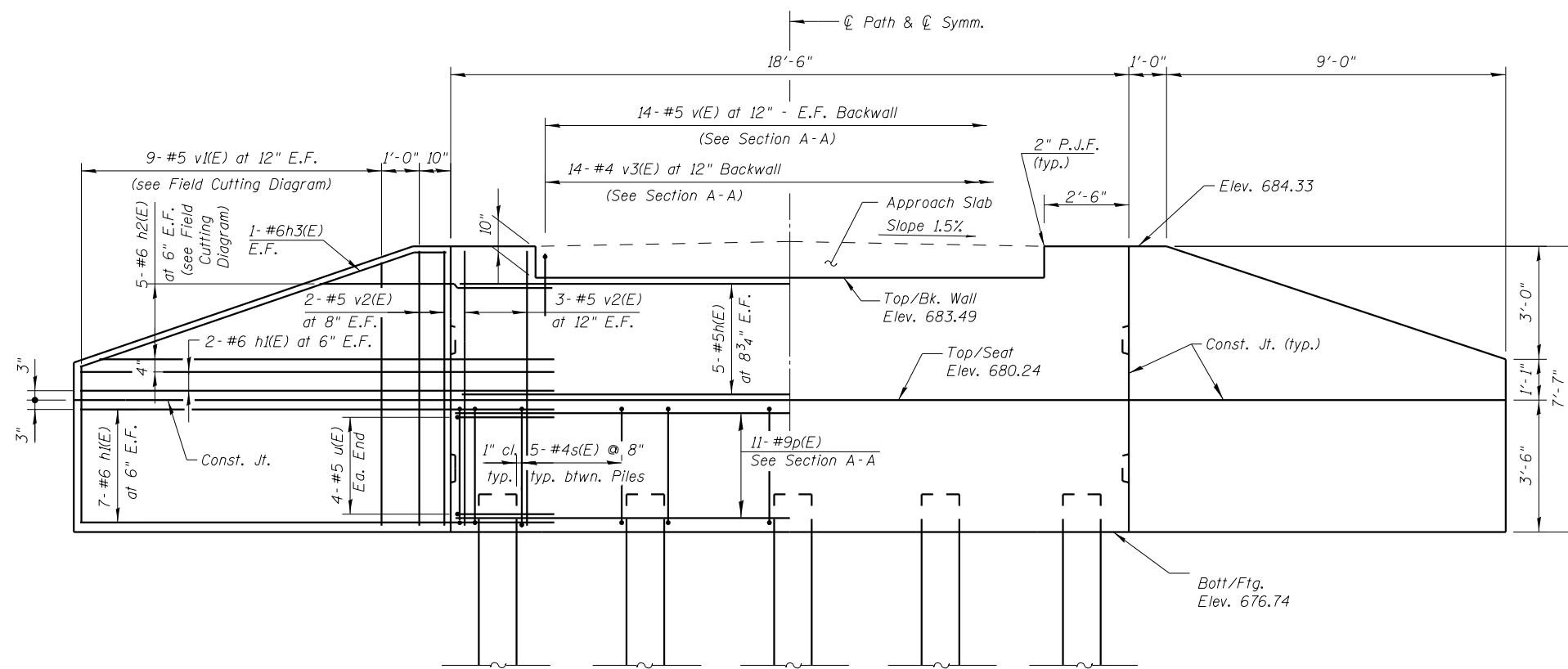
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PLOT SCALE = 1:4,16667	CHECKED BAB	REVISED -
PLOT DATE = 10/31/2022	DRAWN BLB	REVISED -
	CHECKED BAB	REVISED -

**ELK GROVE VILLAGE**

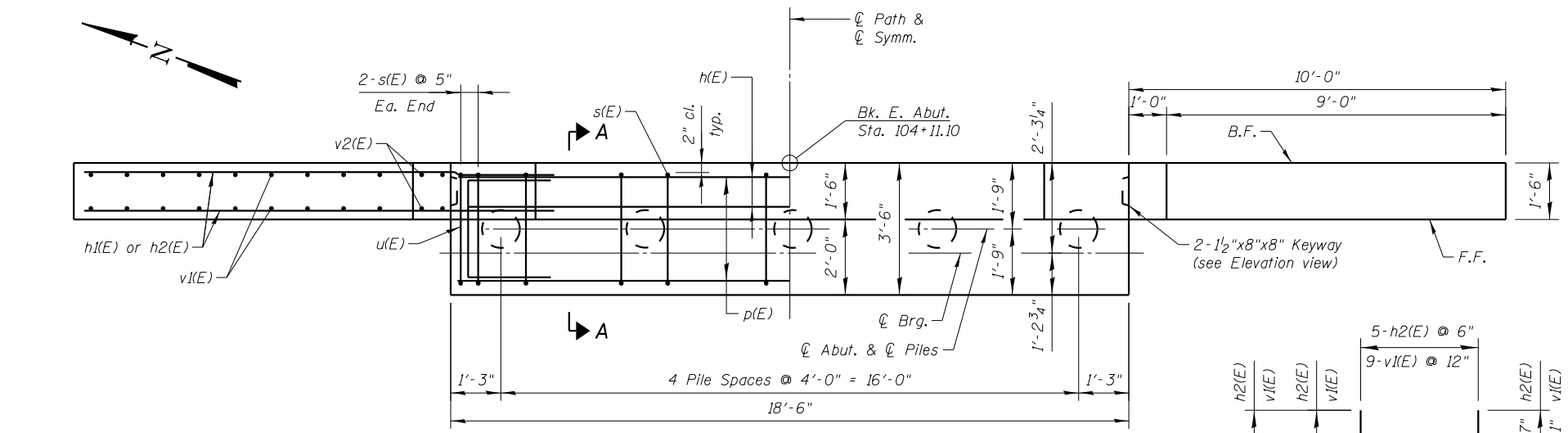
**WEST ABUTMENT DETAILS  
STRUCTURE NO. 016-6919**

SHEET NO. 5 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	42
			CONTRACT NO. 61J10	
ILLINOIS FED. AID PROJECT				



**ELEVATION**  
(F. F. Shown)



**PLAN**

**PILE DATA E. ABUT.**

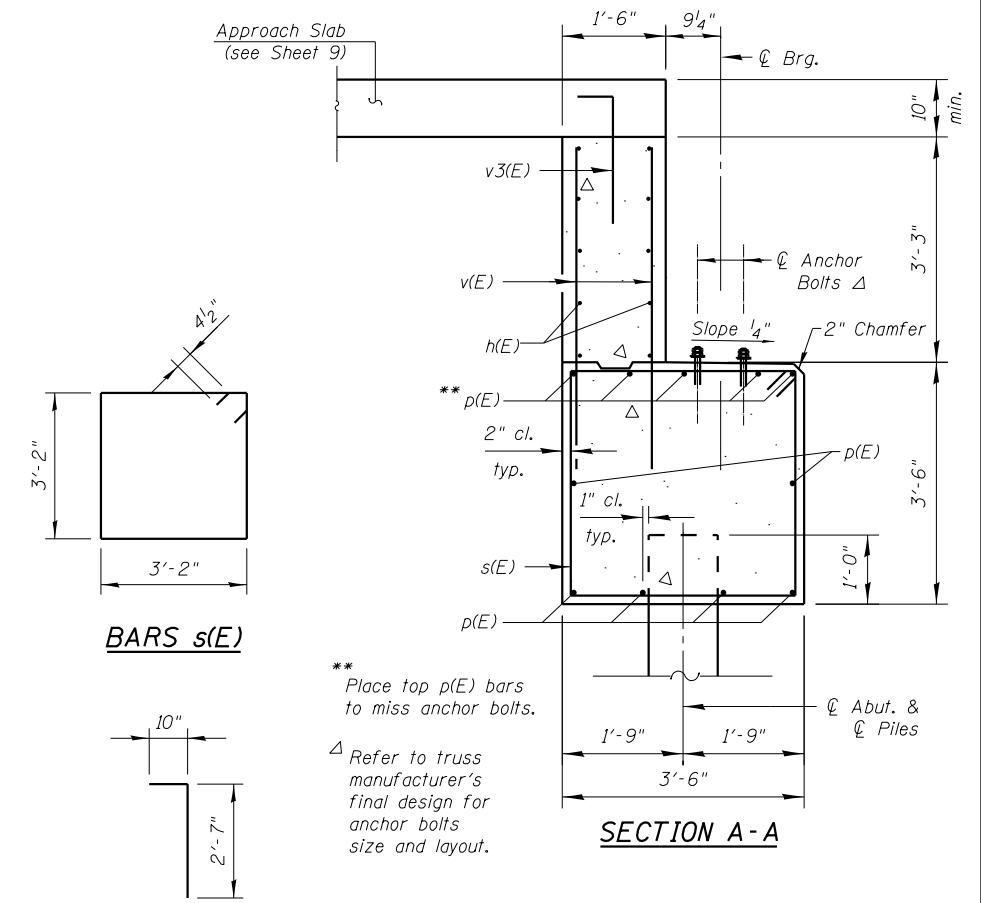
Type: Metal Shell - 14" dia. x 0.312" walls  
 Nominal Required Bearing: 296 kips  
 Factored Resistance Available: 133 kips  
 Est. Length: 51'  
 No. Production Piles: 4  
 No. Test Piles: 1

**NOTES**

Space reinforcement to miss anchor bolts.  
 For detail of piles, see Sheet 12.  
 For typical sections thru abutment, see sheet 3.  
 B.F. denotes back face;  
 E.F. denotes each face;  
 F.F. denotes front face.

**FIELD CUTTING DIAGRAM**

Order h2(E) and v1(E) full length. Cut as shown and use remainder of bars in opposite face.



**SECTION A-A**

**BARS s(E)**

**BAR v3(E)**

**BAR u(E)**

**BAR h3(E)**

\*\* Place top p(E) bars to miss anchor bolts.  
 Δ Refer to truss manufacturer's final design for anchor bolts size and layout.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h1(E)	10	#5	18'-2"	—
h1(E)	36	#6	13'-2"	—
h2(E)	10	#6	19'-2"	—
h3(E)	4	#6	10'-2"	┘
p(E)	11	#9	18'-2"	—
s(E)	24	#4	13'-5"	□
u(E)	8	#5	9'-0"	┘
v(E)	28	#5	5'-6"	—
v1(E)	18	#5	11'-0"	—
v2(E)	20	#5	7'-3"	—
v3(E)	14	#4	3'-5"	┘

Stone Riprap, Class 4	Sq. Yd.	70
Filter Fabric	Sq. Yd.	70
Structure Excavation	Cu. Yd.	31
Concrete Structures	Cu. Yd.	18.7
Reinforcement Bars, Epoxy Coated	Pound	2,780
Furnishing Metal Shell Piles 14" x 0.312"	Foot	204
Driving Piles	Foot	204
Test Pile Metal Shells	Each	1
Pile Shoes	Each	5
Concrete Sealer	Sq. Ft.	275

\*See Field Cutting Diagram

**EAST ABUTMENT DETAILS**



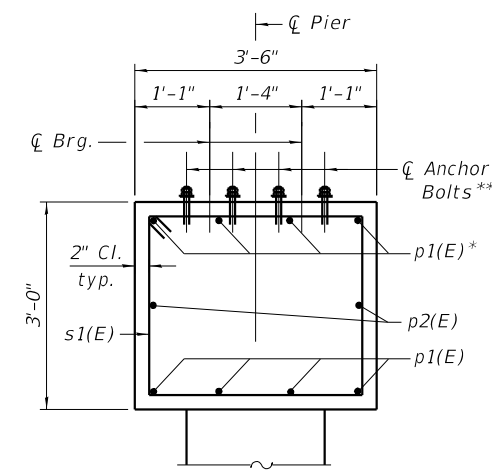
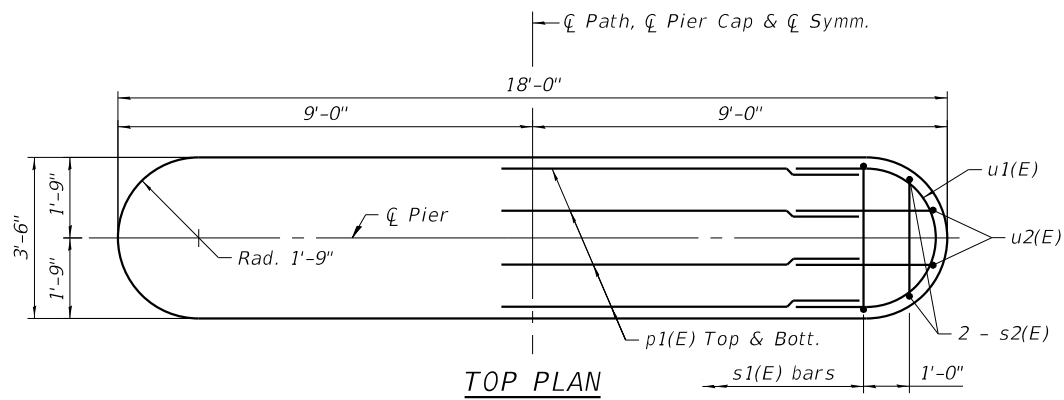
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PLOT DATE = 10/31/2022	DRAWN BLB	REVISED -
	CHECKED BAB	REVISED -

**ELK GROVE VILLAGE**

**EAST ABUTMENT DETAILS  
STRUCTURE NO. 016-6919**

SHEET NO. 6 OF 15 SHEETS

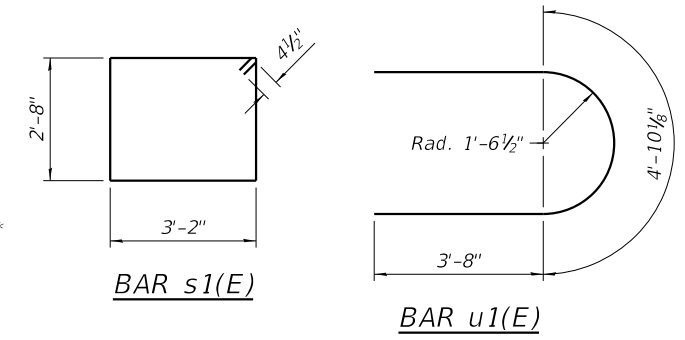
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	43
			CONTRACT NO. 61J10	
ILLINOIS FED. AID PROJECT				



**SECTION A-A**

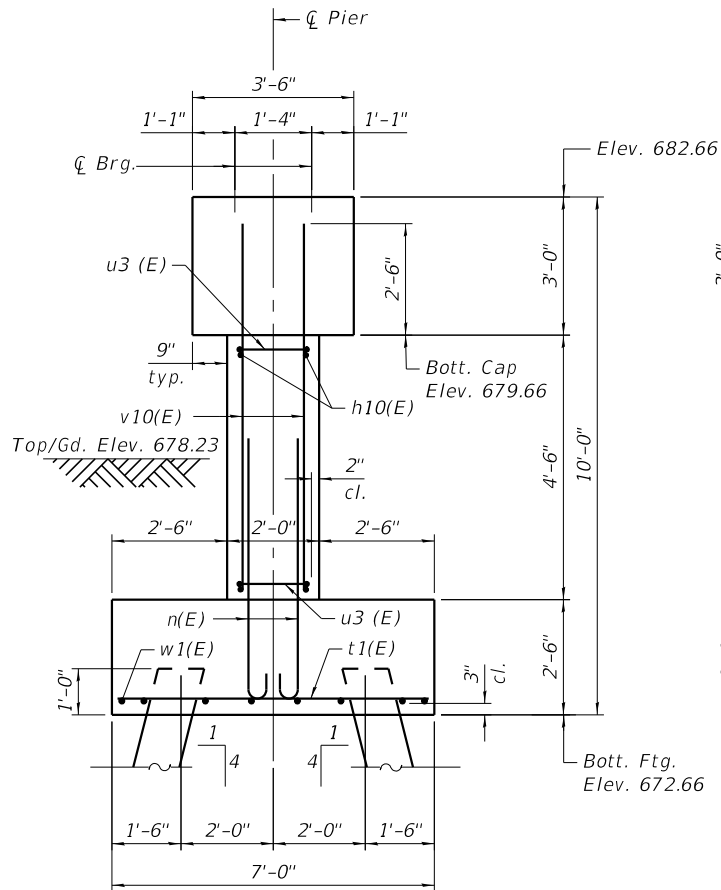
\*Place top bars to miss anchor bolts.

\*\*Refer to Truss Manufacturer's final design plans for size and layout of anchor bolts.

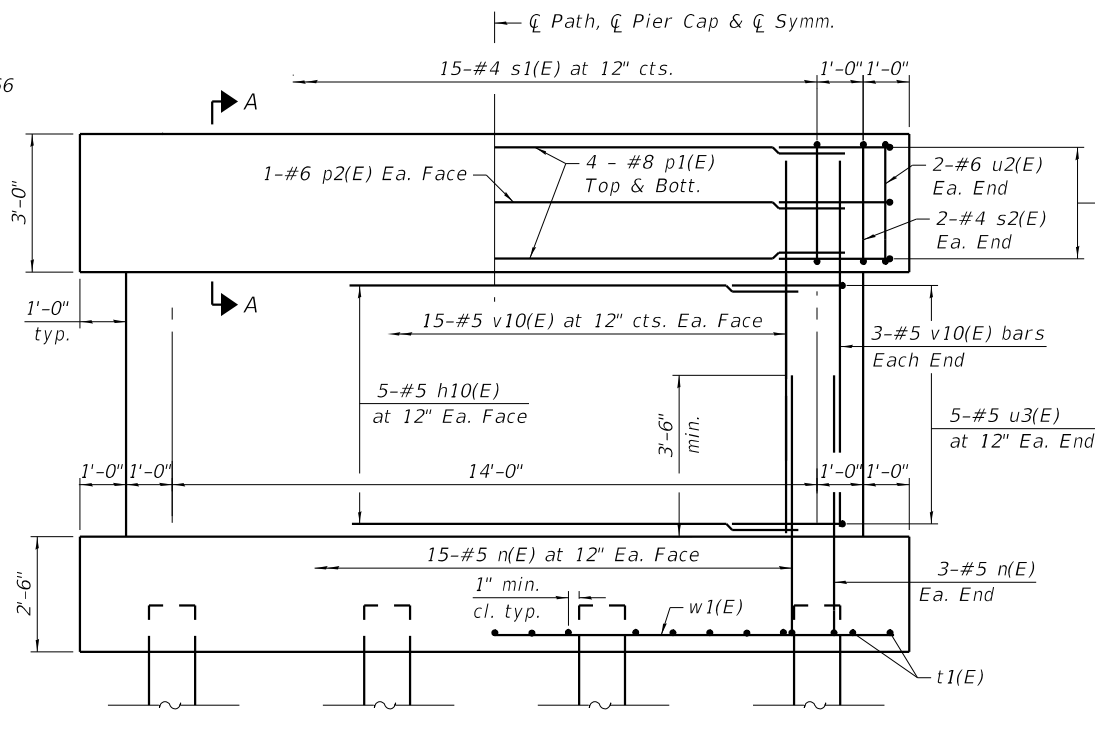


**BAR s1(E)**

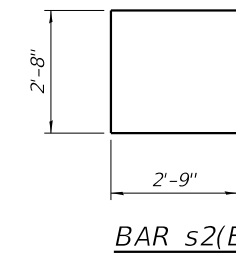
**BAR u1(E)**



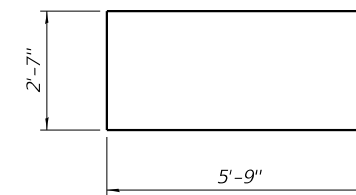
**END VIEW**



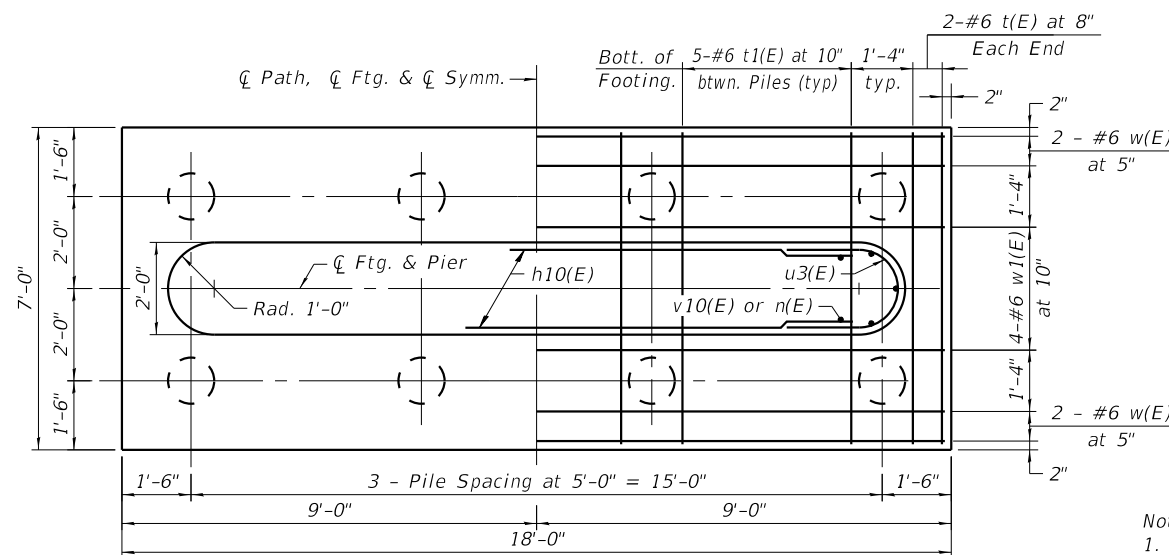
**ELEVATION**  
(Looking East)



**BAR s2(E)**



**BAR u2(E)**



**FOOTING PLAN**

**PILE DATA**

Type: Metal Shell Piles, 14 in. dia. x 0.312 in. walls with pile shoes  
 Nominal Required Bearing: 364 Kips  
 Factored Resistance Available: 156 Kips  
 Est. Length: 52'  
 No. Production Piles: 7  
 No. Test Piles: 1

- Notes:  
 1. Space reinforcement in cap to miss anchor bolts.  
 2. For details of piles, see Sheet 12.  
 3. For dewatering note, see Sheet 1.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h10(E)	10	#5	14'-0"	—
n(E)	36	#5	5'-10"	U
p1(E)	8	#8	14'-6"	—
p2(E)	2	#6	14'-6"	—
s1(E)	15	#4	12'-5"	□
s2(E)	4	#4	8'-2"	U
t1(E)	19	#6	6'-8"	—
u1(E)	6	#6	12'-3"	U
u2(E)	4	#6	14'-1"	U
u3(E)	10	#5	8'-8"	U
v10(E)	36	#5	7'-0"	—
w1(E)	8	#6	17'-8"	—
Stone Riprap, Class A4	Sq. Yd.		44	
Filter Fabric	Sq. Yd.		44	
Structure Excavation	Cu. Yd.		33	
Concrete Structures	Cu. Yd.		23.6	
Reinforcement Bars, Epoxy Coated	Pound		1,820	
Furnishing Metal Shell Piles 14 x 0.312	Foot		364	
Driving Piles	Foot		364	
Test Pile Metal Shells	Each		1	
Pile Shoes	Each		8	
Concrete Sealer	Sq. Ft.		284	

**PIER DETAILS**

WEST APPROACH

NORTH EDGE OF SLAB

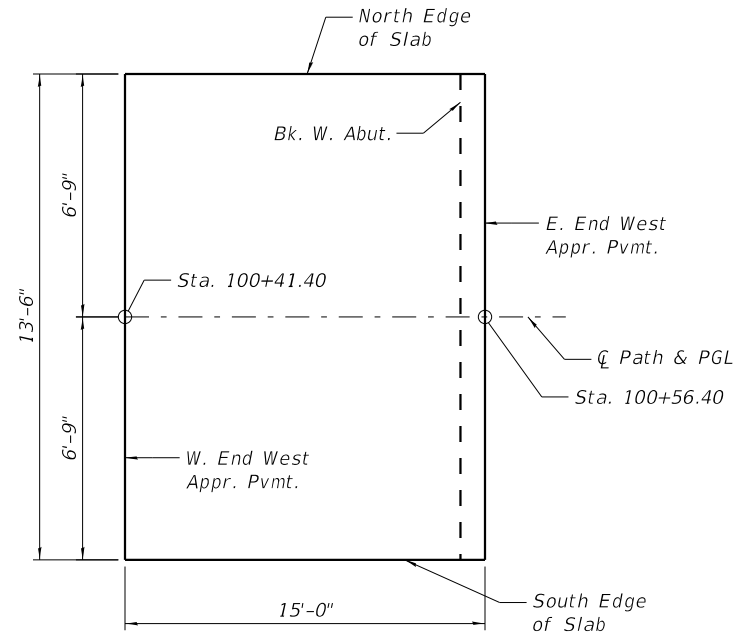
Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Pvmt.	100+41.40	-6.75	685.53
E. End West Appr. Pvmt.	100+56.40	-6.75	685.73

CL ROADWAY & PGL

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Pvmt.	100+41.40	0.00	685.64
E. End West Appr. Pvmt.	100+56.40	0.00	685.83

SOUTH EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Pvmt.	100+41.40	6.75	685.53
E. End West Appr. Pvmt.	100+56.40	6.75	685.73



WEST APPROACH - PLAN

EAST APPROACH

NORTH EDGE OF SLAB

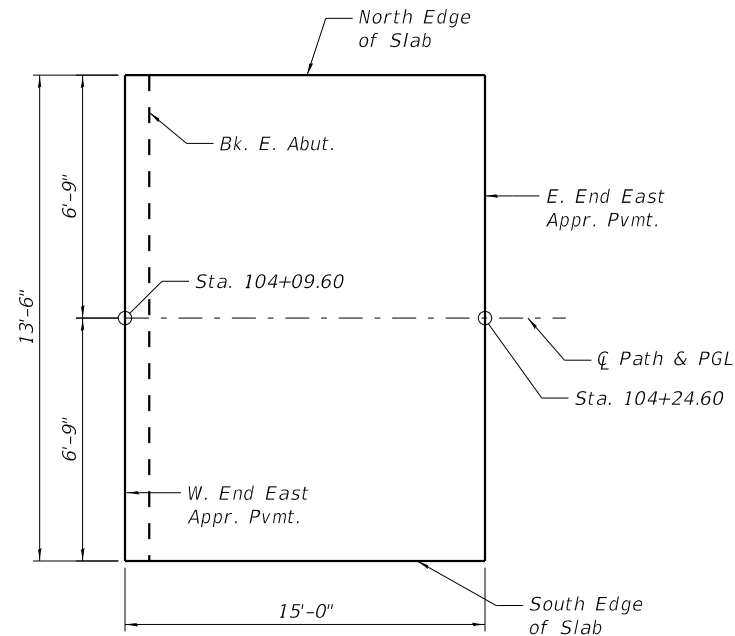
Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Pvmt.	104+09.60	-6.75	684.34
E. End East Appr. Pvmt.	104+24.60	-6.75	684.01

CL ROADWAY & PGL

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Pvmt.	104+09.60	0.00	684.44
E. End East Appr. Pvmt.	104+24.60	0.00	684.11

SOUTH EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Pvmt.	104+09.60	6.75	684.34
E. End East Appr. Pvmt.	104+24.60	6.75	684.01



EAST APPROACH - PLAN

TOP OF APPROACH SLAB ELEVATIONS

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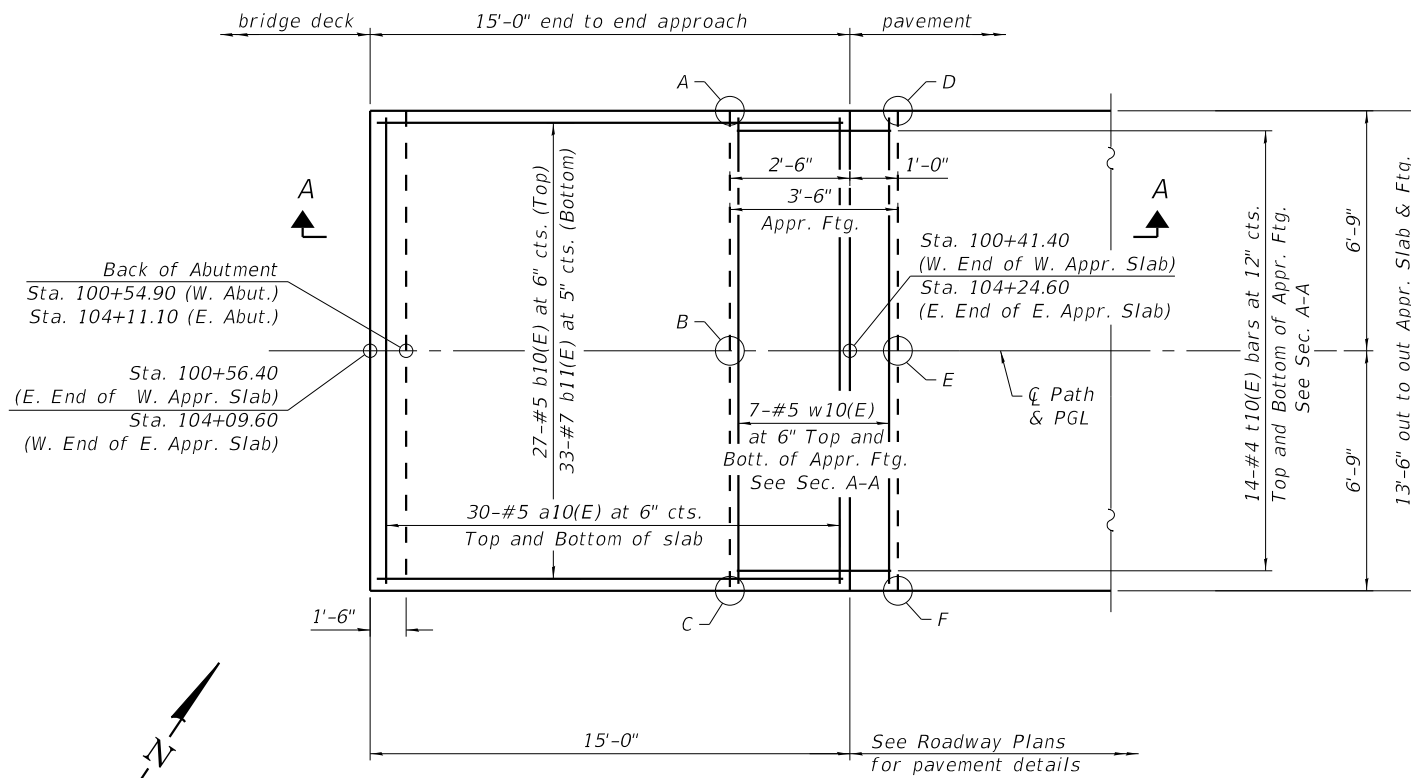
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		CHECKED	BAB JSP	REVISED	-
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PLOT DATE =	10/31/2022	CHECKED	BAB JSP	REVISED	-

ELK GROVE VILLAGE

TOP OF APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 016-6919

SHEET NO. 8 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	45
			CONTRACT NO. 61J10	
			ILLINOIS FED. AID PROJECT	

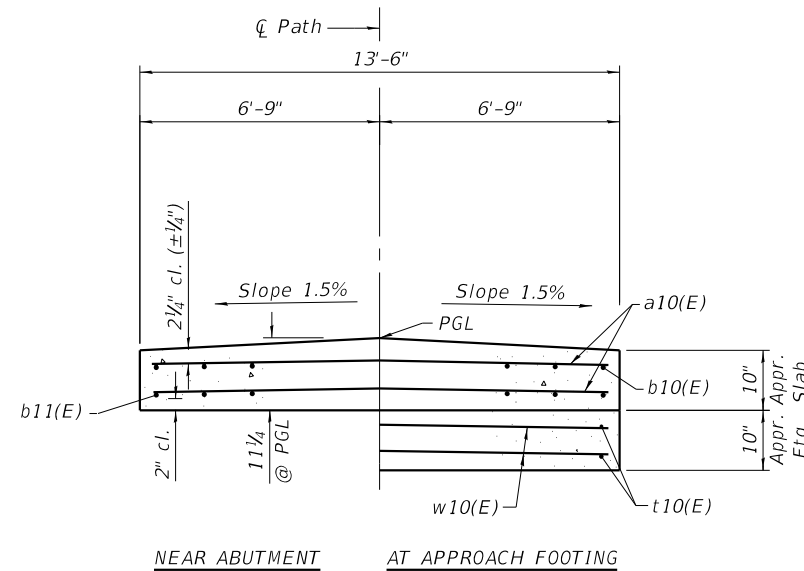


PLAN

(East Approach shown, West Approach similar by 180° rotation)

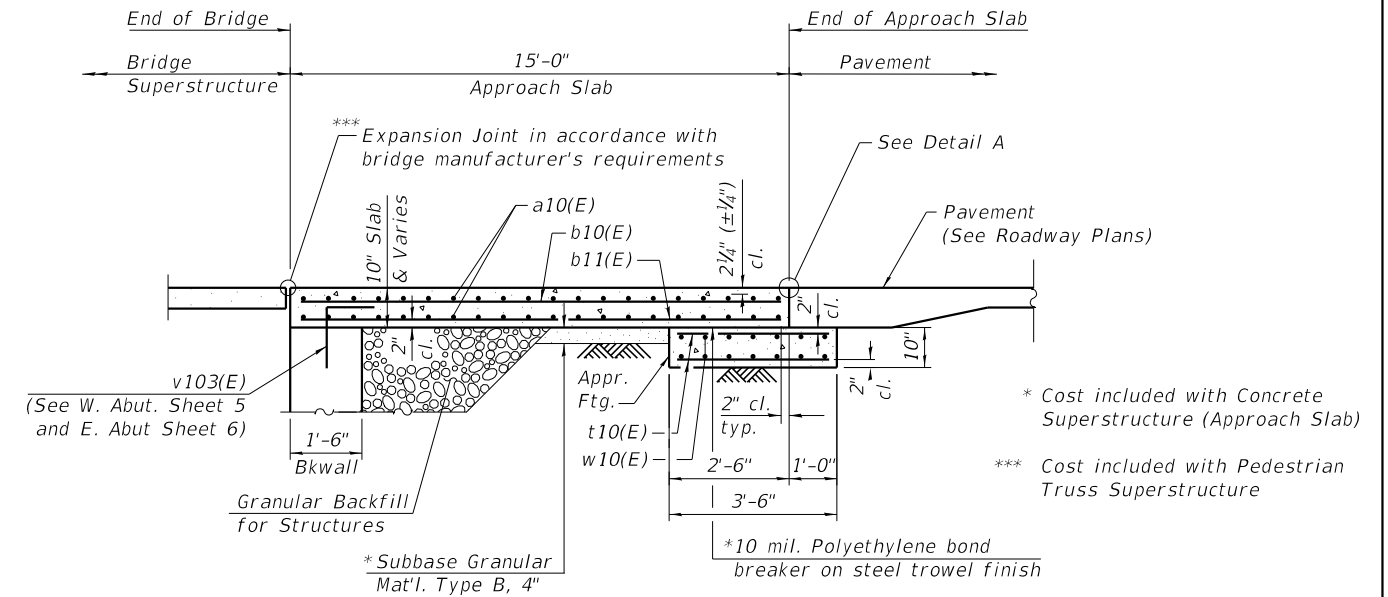
TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A	684.73	683.90	683.25	682.42
B	684.73	683.90	683.25	682.42
C	684.73	683.90	683.25	682.42
D	684.68	683.85	683.18	682.34
E	684.68	683.85	683.18	682.34
F	684.68	683.85	683.18	682.34



CROSS SECTION

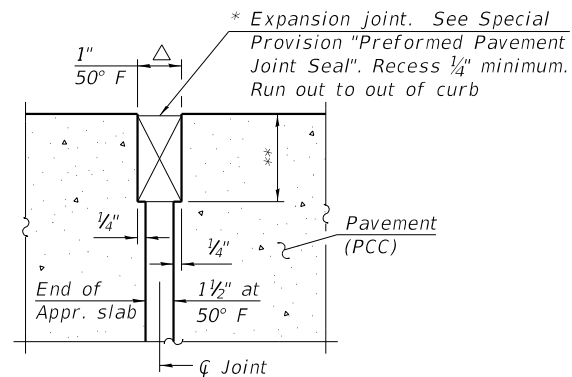
(Looking East)



SECTION A-A

BILL OF MATERIAL (TWO APPROACHES)

Bar	No.	Size	Length	Shape
a10(E)	120	#5	13'-2"	—
b10(E)	54	#5	14'-8"	—
b11(E)	66	#7	14'-8"	—
t10(E)	56	#4	3'-2"	—
w10(E)	28	#5	13'-2"	—
Concrete Superstructure (Approach Slab)			Cu. Yd.	13.3
Concrete Structures			Cu. Yd.	2.9
Protective Coat			Sq. Yd.	45
Reinforcement Bars, Epoxy Coated			Pound	4960



DETAIL A

\*\* Per manufacturer recommendations

△ Joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. Approach slab length shall be used for the adjustment.

NOTES

1. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
2. Approach footing concrete shall be paid for as Concrete Structures.
3. The approach footing maximum applied service bearing pressure (Qmax) = 2.2 ksf.
4. Cost of excavation for approach footing included with Concrete Structures.
5. For Granular Backfill for Structures and drainage treatment details, see Sheet 3.

BRIDGE APPROACH SLAB DETAILS

FILE NAME = I:\Crystal Lake\ELK GROVE\200852-Clearmont Ped Bridge\CAD\Sheets\Structural\003 - ApproachDetails.dgn

**BAXTER & WOODMAN**  
Consulting Engineers

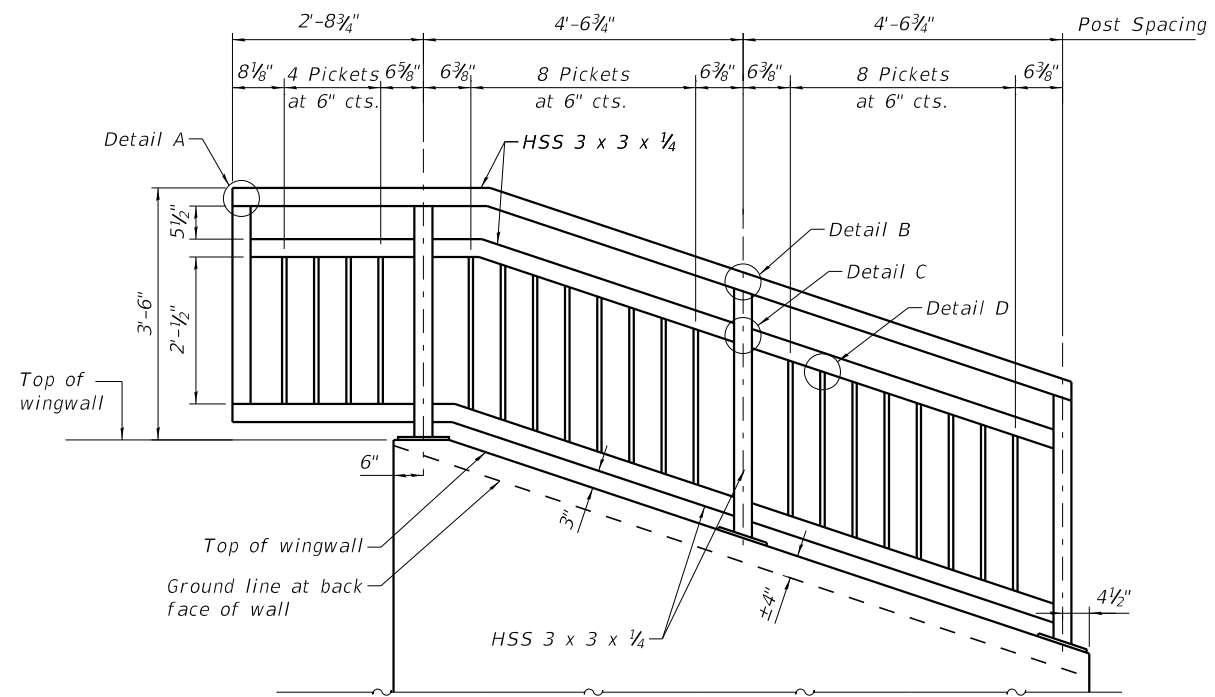
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PLOT DATE = 10/31/2022	DRAWN BLB MM	REVISED -
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ELK GROVE VILLAGE

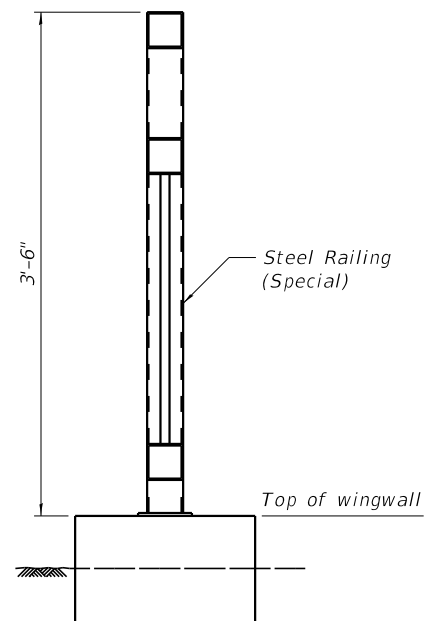
BRIDGE APPROACH SLAB DETAILS  
STRUCTURE NO. 016-6919

SHEET NO. 9 OF 15 SHEETS

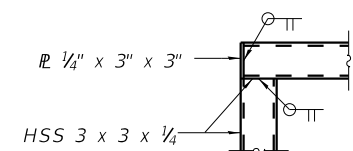
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				



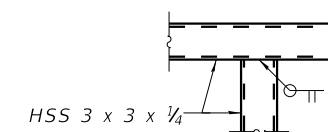
**ELEVATION**  
**STEEL RAILING (SPECIAL)**



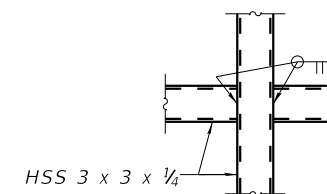
**SECTION**



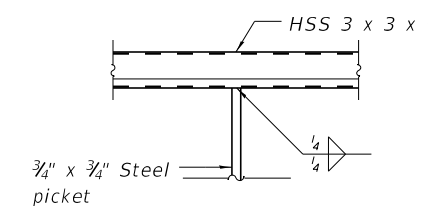
**DETAIL A**



**DETAIL B**



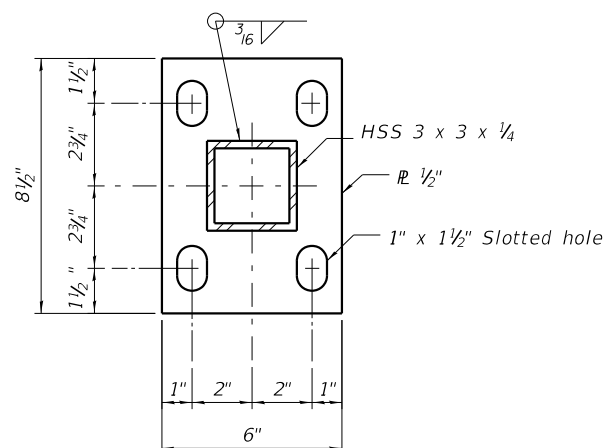
**DETAIL C**



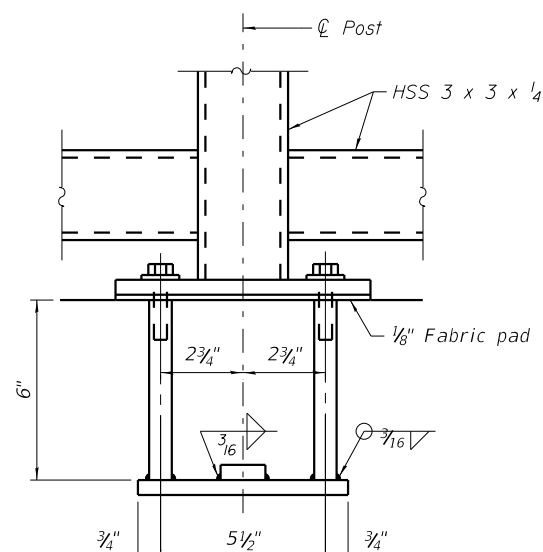
**DETAIL D**

**BILL OF MATERIAL**  
**(FOUR WINGWALLS)**

Item	Unit	Quantity
Steel Railing (Special)	Foot	48

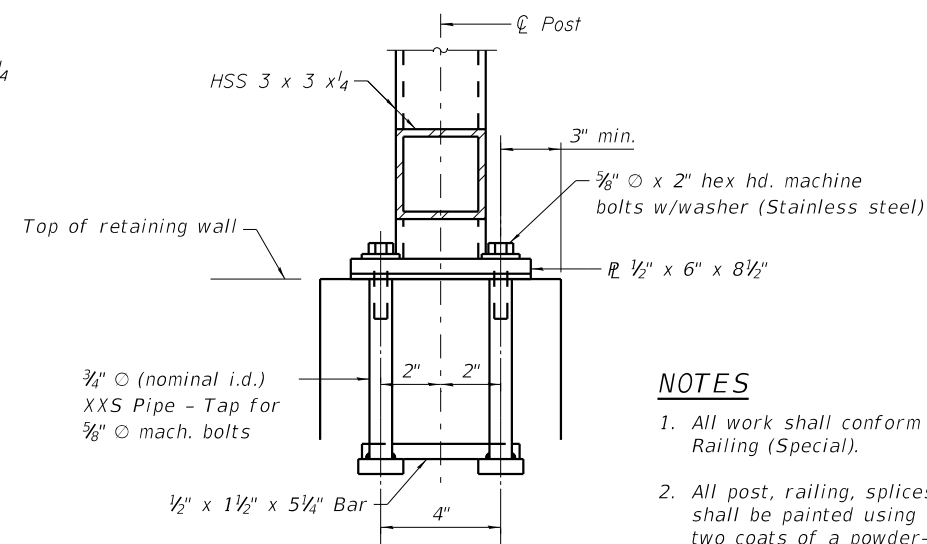


**BASE PLATE**



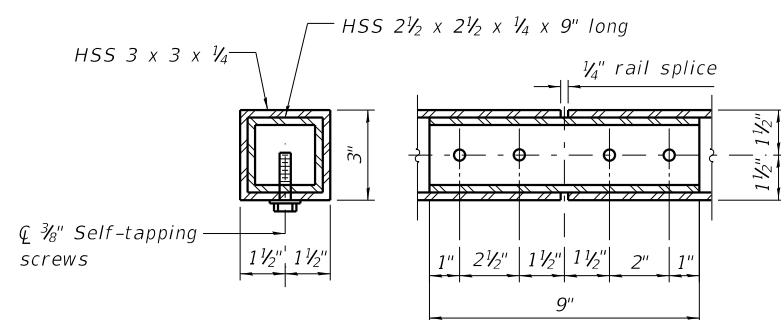
**ANCHOR BOLT DETAILS**

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" O anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



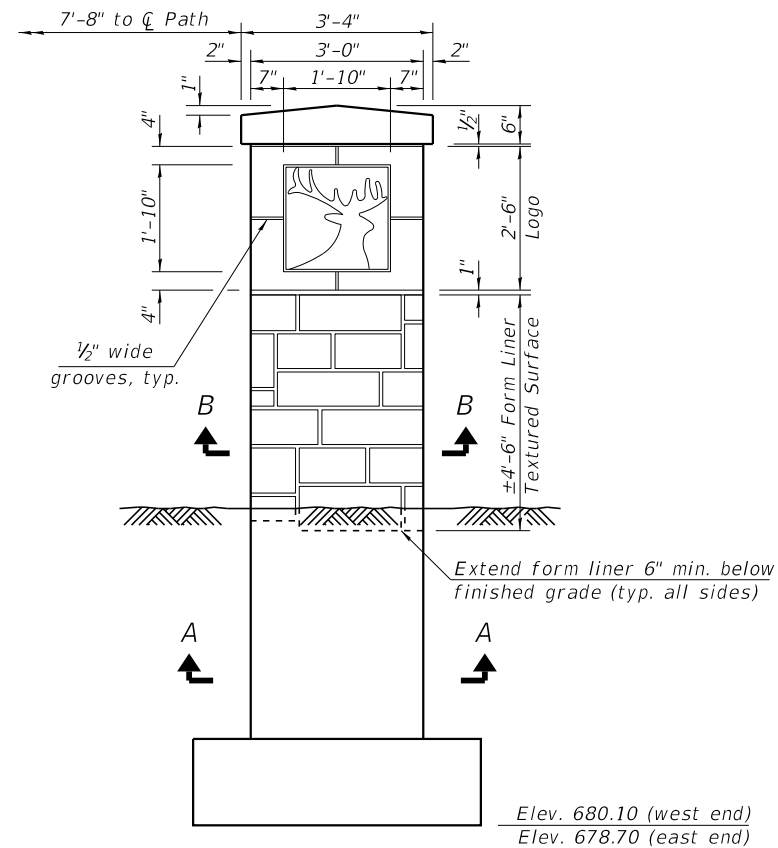
**NOTES**

- All work shall conform to the special provision Steel Railing (Special).
- All post, railing, splices, anchor devices, and bent plates shall be painted using one coat of zinc-rich primer and two coats of a powder-coated finish. Color shall be matte black to match bridge railings.
- Reinforcement shall be spaced to miss anchor rods.

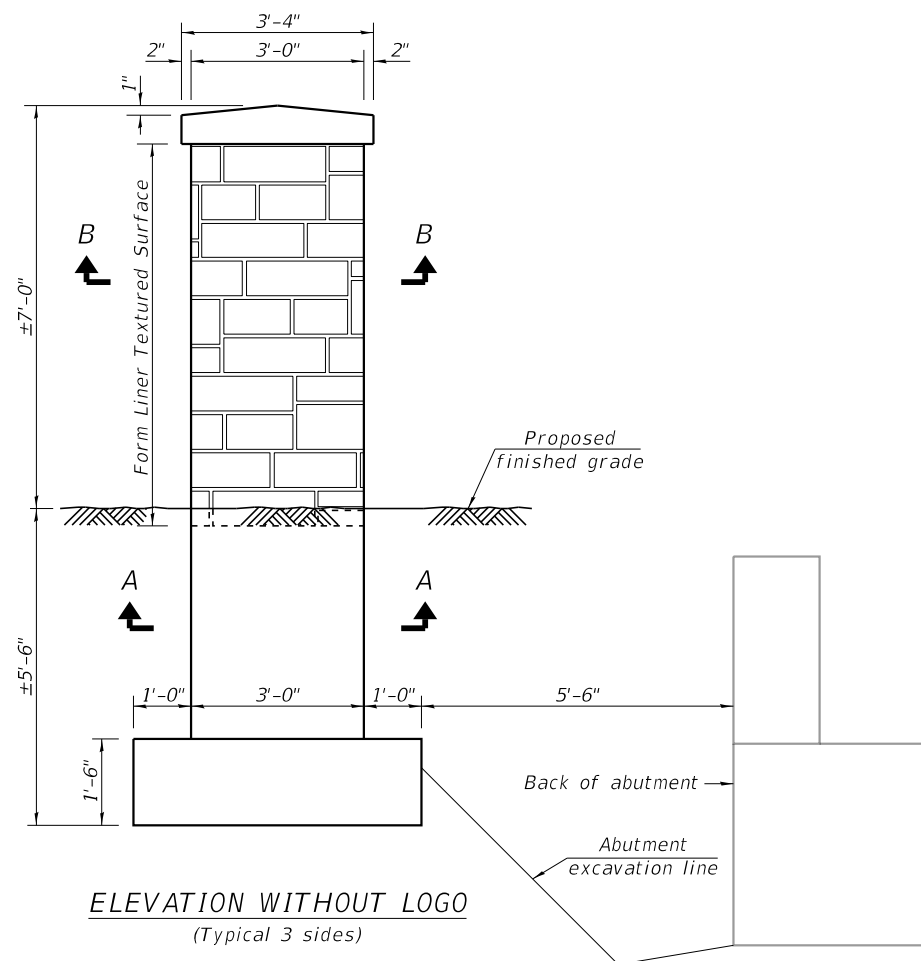


**RAIL SPLICE**

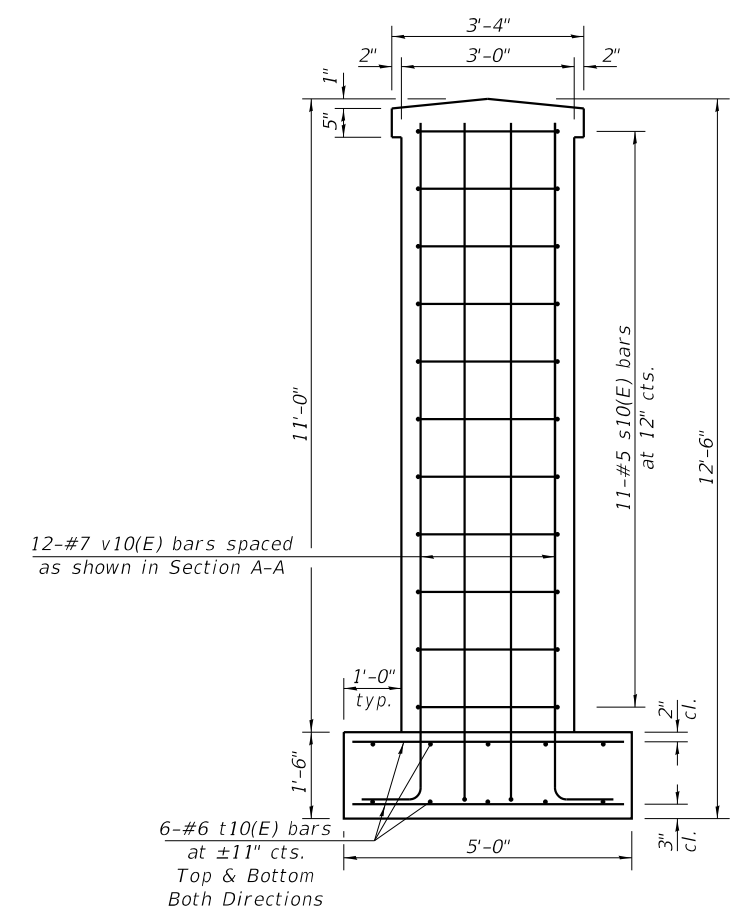
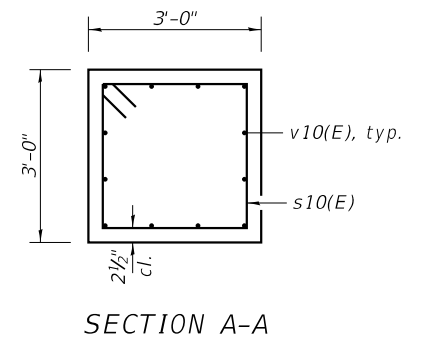
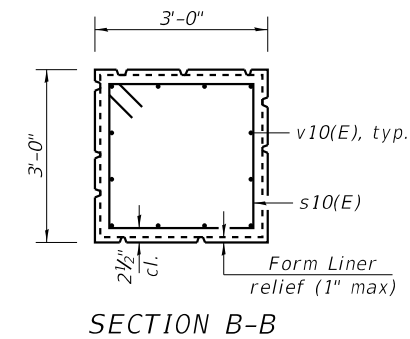
**STEEL RAILING (SPECIAL)**



**ELEVATION WITH LOGO**  
Facing west at west end  
Facing east at east end  
(Away from bridge)



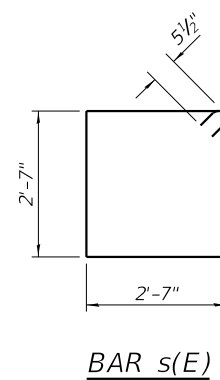
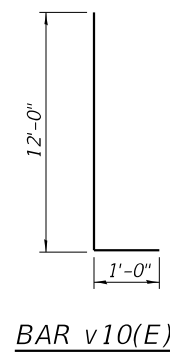
**ELEVATION WITHOUT LOGO**  
(Typical 3 sides)



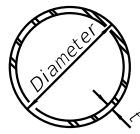
**SECTION THRU PEDESTAL**

**BILL OF MATERIAL**  
(4 PEDESTALS)

Bar	No.	Size	Length	Shape
s10(E)	44	#5	11'-3"	□
t10(E)	96	#6	4'-8"	—
v10(E)	48	#7	13'-0"	—
Structure Excavation		Cu. Yd.	12	
Concrete Structures		Cu. Yd.	11.0	
Reinforcement Bars, Epoxy Coated		Pound	2470	
Form Liner Textured Surface		Sq. Ft.	381	
Staining Concrete Structures		Sq. Ft.	381	
Anti-Graffiti Coating		Sq. Ft.	381	

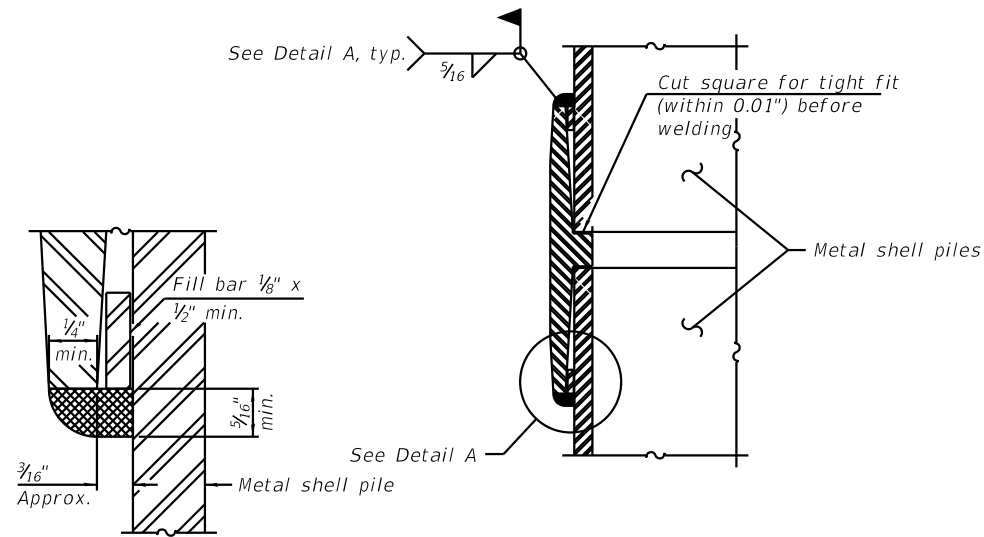




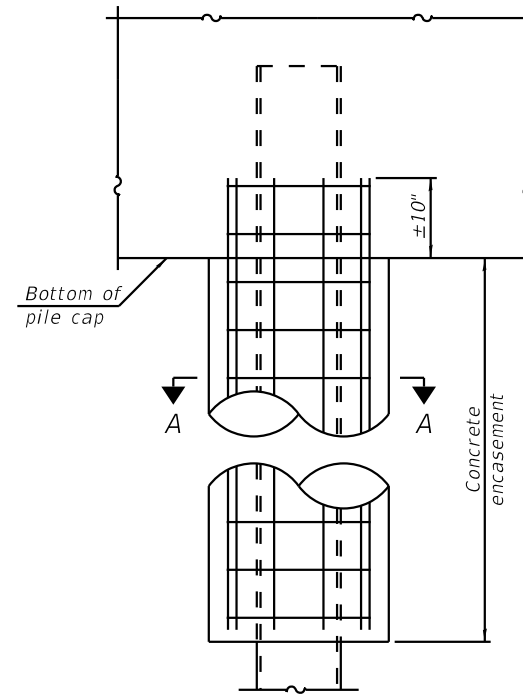


**METAL SHELL PILE TABLE**

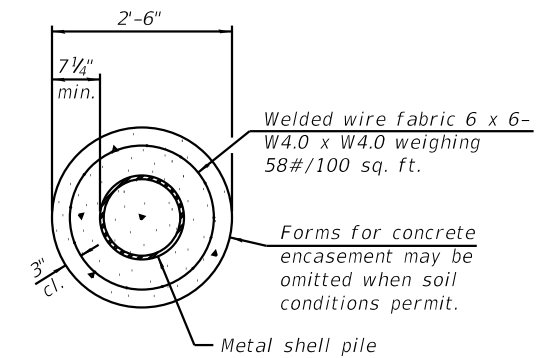
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. <sup>3</sup> /ft.)
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



**DETAIL A**

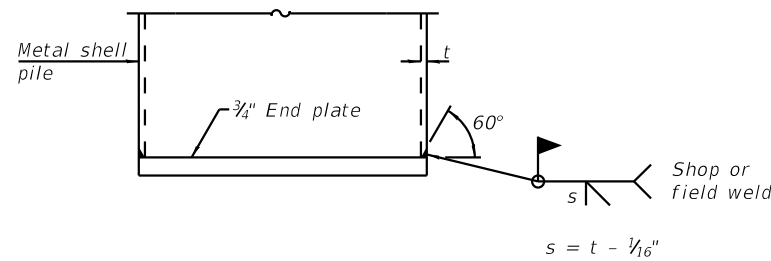


**ELEVATION**



**SECTION A-A**

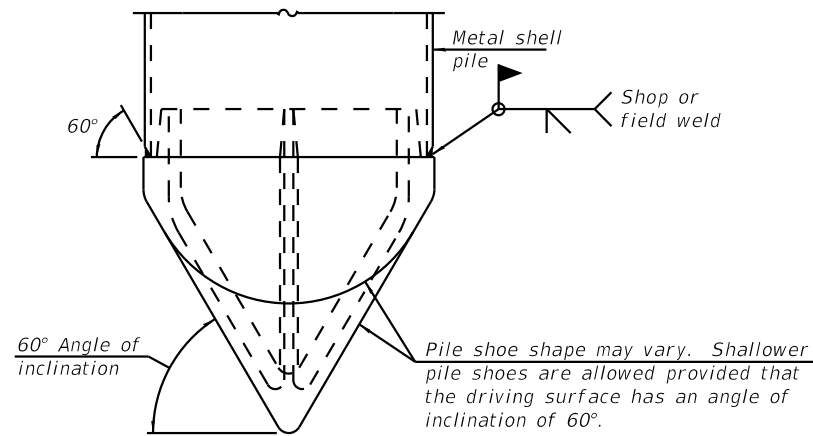
**INDIVIDUAL PILE CONCRETE ENCASUREMENT**  
(When specified)



**END PLATE ATTACHMENT**

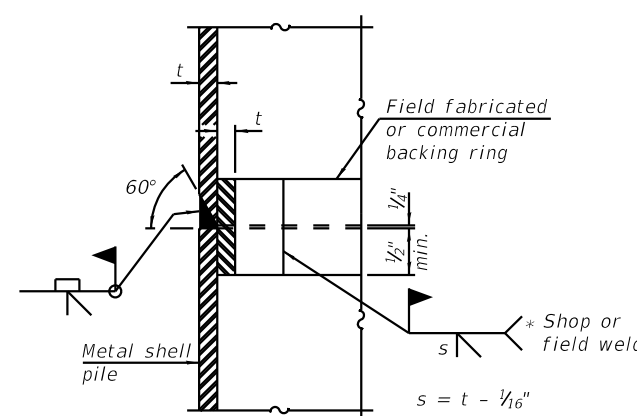
**WELDED COMMERCIAL SPLICE**

Notes:  
The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.  
Pile segments shall be driven to solid contact with splicer before welding.



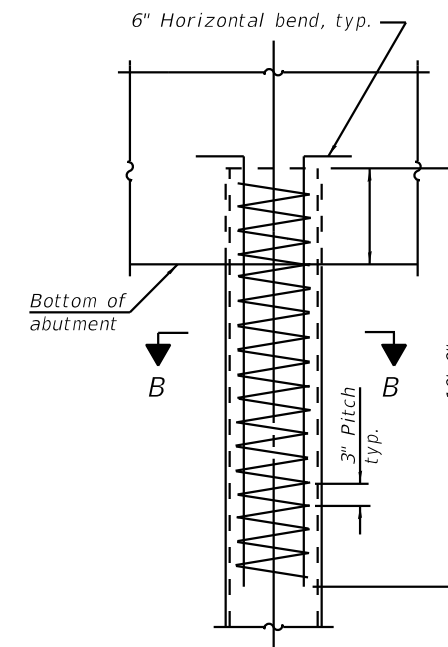
**PILE SHOE ATTACHMENT**

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).

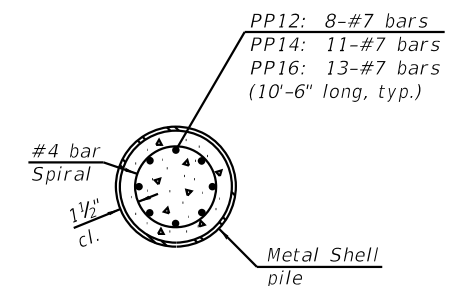


**COMPLETE PENETRATION WELD SPLICE**

\* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



**ELEVATION**



**SECTION B-B**

**REINFORCEMENT AT ABUTMENTS**  
(Omit when concrete encasement is specified)

Note:  
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

FILE NAME = I:\Crystal Lake\ELK GROVE\200852-Clearmont Ped Bridge\CAD\Sheets\Structural\012 - MSP16Detail.dgn

F-MS 1-1-2020

**BAXTER & WOODMAN**  
Consulting Engineers

USER NAME =	SUSERNAMES	DESIGNED	BLB	REVISED	-
CHECKED	BAB	CHECKED	BAB	REVISED	-
PLOT SCALE =	1:4	DRAWN	BLB	REVISED	-
PLOT DATE =	10/31/2022	CHECKED	BAB	REVISED	-

**ELK GROVE VILLAGE**

**METAL SHELL PILE DETAILS**  
**STRUCTURE NO. 016-6919**

SHEET NO. 12 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	49
CONTRACT NO. 61J10				

ILLINOIS FED. AID PROJECT

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-1		Page 1 of 2						
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois							
BORING LOCATION: West Abutment			CLIENT: WBK Engineering, LLC							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS		
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc % Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf	
0	[Hatched Pattern]	Black to Dark Grey, trace Brown CLAY, A- 7-6, Very stiff to stiff	683.7	SS	1	13	19	101	2.41	pH = 8.04
5		SS	2	9	31		1.0			
		SS	3A	4	29					
		SS	3B	6	28	86	1.55			
		SS	4	4	31	90	0.97			
10		Dark Grey & Brown Sandy Clay LOAM, A-2-6, stiff to firm	677.2	SS	5	12	18	111	3.84	
		SS	6	12	16	113	4.69			
15		Grey CLAY, A-6, very stiff to hard	672.7	SS	7	7	16	115	0.93	
		SS	8	10	17	111	3.07			
		SS	9	12	21	105	3.14			
20		Grey CLAY, A-6, very stiff to stiff	665.7	SS	10	9	15	117	2.75	
		SS	11	9	17	115	1.86			
25		silt seams from 26' to 27'	657.2	SS	12	8	16	113	1.86	
30	[Hatched Pattern]	cobble or boulder	650.2	SS	13	15	14	114	2.48	
35										

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: [Symbol]  
 IMMEDIATELY AFTER DRILLING: [Symbol]  
 DELAYED READING AFTER: [Symbol]



BORING STARTED: 3/16/18  
 BORING COMPLETED: 3/16/18  
 LOGGED BY: JD  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-1		Page 2 of 2					
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois						
BORING LOCATION: West Abutment			CLIENT: WBK Engineering, LLC						
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc % Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf
40	[Hatched Pattern]	Grey CLAY, A-6, stiff	643.2	SS	14	7	15	110	1.20
45		cobble or boulder	639.7	SS	15	25	13	111	3.16
50		Grey Sandy LOAM, some Gravel, A-2-4, extremely dense	634.7	SS	16	84	13	114	4.86
		Grey Sandy Clay LOAM, A-6, hard	632.2	SS	17	29	12	125	6.39
55		Weathered Limestone, extremely dense	627.7	SS	18	68	9	124	3.30
60		Auger Refusal at 60.5 Feet	623.2						

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: [Symbol]  
 IMMEDIATELY AFTER DRILLING: [Symbol]  
 DELAYED READING AFTER: [Symbol]



BORING STARTED: 3/16/18  
 BORING COMPLETED: 3/16/18  
 LOGGED BY: JD  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

I:\Crystal\Lake\ELK GROVE\200852-Clearmont Ped Bridge\CAD\Sheets\Structure\013 - SoilBoring.dgn



USER NAME = SUSERNAMES	DESIGNED BLB	REVISED -
PLOT SCALE = 1:4,16667	CHECKED BAB	REVISED -
PLOT DATE = 10/31/2022	DRAWN BLB MM	REVISED -
	CHECKED BAB ZZZ	REVISED -

ELK GROVE VILLAGE

SOIL BORING LOGS  
 STRUCTURE NO. 016-6919

SHEET NO. 13 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	50
CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-2		Page 1 of 2						
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois							
BORING LOCATION: Center Pier			CLIENT: WBK Engineering, LLC							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS		
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc% Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf	
0		Black CLAY, A-7-6, stiff	679.1	SS	1	6	29	87	pH = 7.11	
				SS	2A	4	27			
				SS	2B	4	20			
5		Grey Sandy LOAM, A-2-4, moist	674.6							
		Grey fine SAND, A-3, lightly dense	673.6	SS	3	5	21			
				SS	4A	5	24			
				SS	4B	4	23			
10		Grey Sandy LOAM, A-1-b, loose to medium dense	669.6							
		fine to medium	665.6	SS	6	16	11			
15		Grey CLAY to Clay LOAM, A-6, hard to stiff	663.6	SS	7	16	20	115		4.81
				SS	8	14	18	121		1.24
20				SS	9	12	16			2.13
				SS	10	9	18	112		1.01
25				SS	11	8	15	120	2.33	
				SS	12	10	14		4.0	
30										
35		firm	646.1	SS	13	4	18	114	0.70	

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 5.5'  
 IMMEDIATELY AFTER DRILLING: 3.0'  
 DELAYED READING AFTER



BORING STARTED: 3/15/18  
 BORING COMPLETED: 3/15/18  
 LOGGED BY: MP  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-2		Page 2 of 2					
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois						
BORING LOCATION: Center Pier			CLIENT: WBK Engineering, LLC						
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc% Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf
40		Grey CLAY to Clay LOAM, A-6, very stiff	638.6	SS	14	15	12	3.03	
				SS	15	24	14	121	2.72
45		Grey Silty LOAM, A-4, slightly dense	632.6						
				SS	16	6	21		
50									
		Grey Sandy Clay LOAM, A-6, hard	627.1	SS	17	35	12	128	4.19
55		Weathered Limestone, very dense	623.1						
				SS	18A	52	7		
				SS	18B	48	11	126	5.56
60		Grey Sandy Clay LOAM, A-6, hard	619.6						
		Weathered Limestone, extremely dense	617.1						
65		End of Boring at 65 Feet	614.1	SS	19	80/4*	11		

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 5.5'  
 IMMEDIATELY AFTER DRILLING: 3.0'  
 DELAYED READING AFTER



BORING STARTED: 3/15/18  
 BORING COMPLETED: 3/15/18  
 LOGGED BY: MP  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

FILE NAME = I:\Crystal\Lake\ELKGRV\200852-Clearmont Ped Bridge\CAD\Sheets\Structural\014 - SoilBoring.dgn



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PLOT SCALE = 1:4,16667	CHECKED BAB	REVISED -
PLOT DATE = 10/31/2022	DRAWN BLB	REVISED -
	CHECKED BAB	REVISED -

ELK GROVE VILLAGE

SOIL BORING LOGS  
 STRUCTURE NO. 016-6919

SHEET NO. 14 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	51
CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-3		Page 1 of 2						
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois							
BORING LOCATION: East Abutment			CLIENT: WBK Engineering, LLC							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS		
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc %		Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf
0		Black to Dark Grey, trace Brown CLAY, A- 7-6, stiff	679.1	SS	1	6	22		2.0 Qp	pH = 7.08
				SS	2	3	23			
5		Grey Gravelly LOAM, A-2-4, slightly to medium dense	673.6	SS	3	9	17			
				SS	4	13	11			
10		Grey CLAY to Clay LOAM, A-6(10), hard to stiff	668.6	SS	5	18	18	110	4.50	
				SS	6	15	15	113	3.92	
				SS	7	9	22	105	2.52	
				SS	8	6	23	104	1.47	
				SS	9	6	16	117	1.71	
				SS	10	8	18	108	1.40	
25		firm	653.6	SS	11	36	21	96	0.97	
		fine Sand seam at 27'								
30		Grey Clay LOAM, A-6, hard	651.1	SS	12	20	9		4.5 +	
35		Grey Sandy LOAM, A-2-4, slightly dense	647.1	SS	13	7	10			
		Grey Clay LOAM, A-6, hard	642.1							

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 8.0'  
 IMMEDIATELY AFTER DRILLING: 3.0'  
 DELAYED READING AFTER



BORING STARTED: 3/15/18  
 BORING COMPLETED: 3/15/18  
 LOGGED BY: MP  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 (847) 844-3875

MSET PROJECT NO.: 17643		LOG OF BORING NO. SB-3		Page 2 of 2					
PROJECT: Clearmont Drive Pedestrian Bridge			SITE LOCATION: Elk Grove Village, Illinois						
BORING LOCATION: East Abutment			CLIENT: WBK Engineering, LLC						
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS	
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc %		Dry Unit Weight, pcf
40		Grey Clay LOAM, A-6, hard	638.6	SS	14	20	12		4.5 + Qp
		Grey fine SAND, A-3, medium dense	638.1						
45		Grey Sandy Clay LOAM, A-6, hard	635.1	SS	15	10	14	123	4.5 + Qp
50				SS	16	20	10		4.5 +
55				SS	17	97	10	125	4.89
60				SS	18	42	16	117	7.58
65				SS	19	48	10	127	2.31
		End of Boring at 65 Feet	614.1						

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 8.0'  
 IMMEDIATELY AFTER DRILLING: 3.0'  
 DELAYED READING AFTER



BORING STARTED: 3/15/18  
 BORING COMPLETED: 3/15/18  
 LOGGED BY: MP  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 (847) 844-3875

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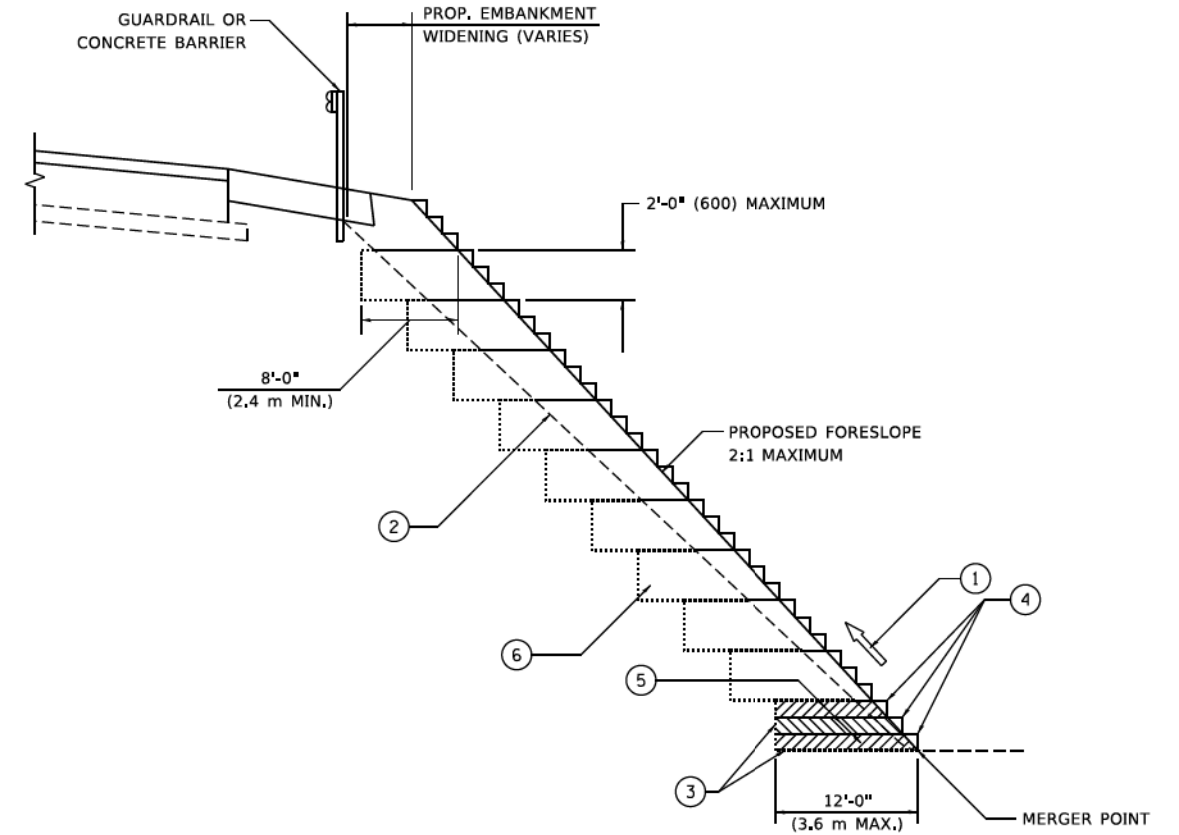
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	CHECKED BAB ZZZ	REVISED -

ELK GROVE VILLAGE

SOIL BORING LOGS  
 STRUCTURE NO. 016-6919

SHEET NO. 15 OF 15 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	52
CONTRACT NO. 61J10				
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 FILE NUMBER: 18-00066-00-BR

USER NAME	footemj	DESIGNED -	REVISED -
		DRAWN - CADD	REVISED -
PLOT SCALE	50,0000 1 / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE	3/27/2019	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	53
<b>BD-51</b>		CONTRACT NO. 61J10		
ILLINOIS FED. AID PROJECT				

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 PROJECT: 18-00066-00-BR  
 SHEET: 54 OF 72  
 CONTRACT NO. 61J10  
 DATE: 3/4/2019

**ROUTE MARKERS**

FOR U.S. ROUTES  
M1-40-2424

FOR ILLINOIS ROUTES  
M1-50-2424

R.R., UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

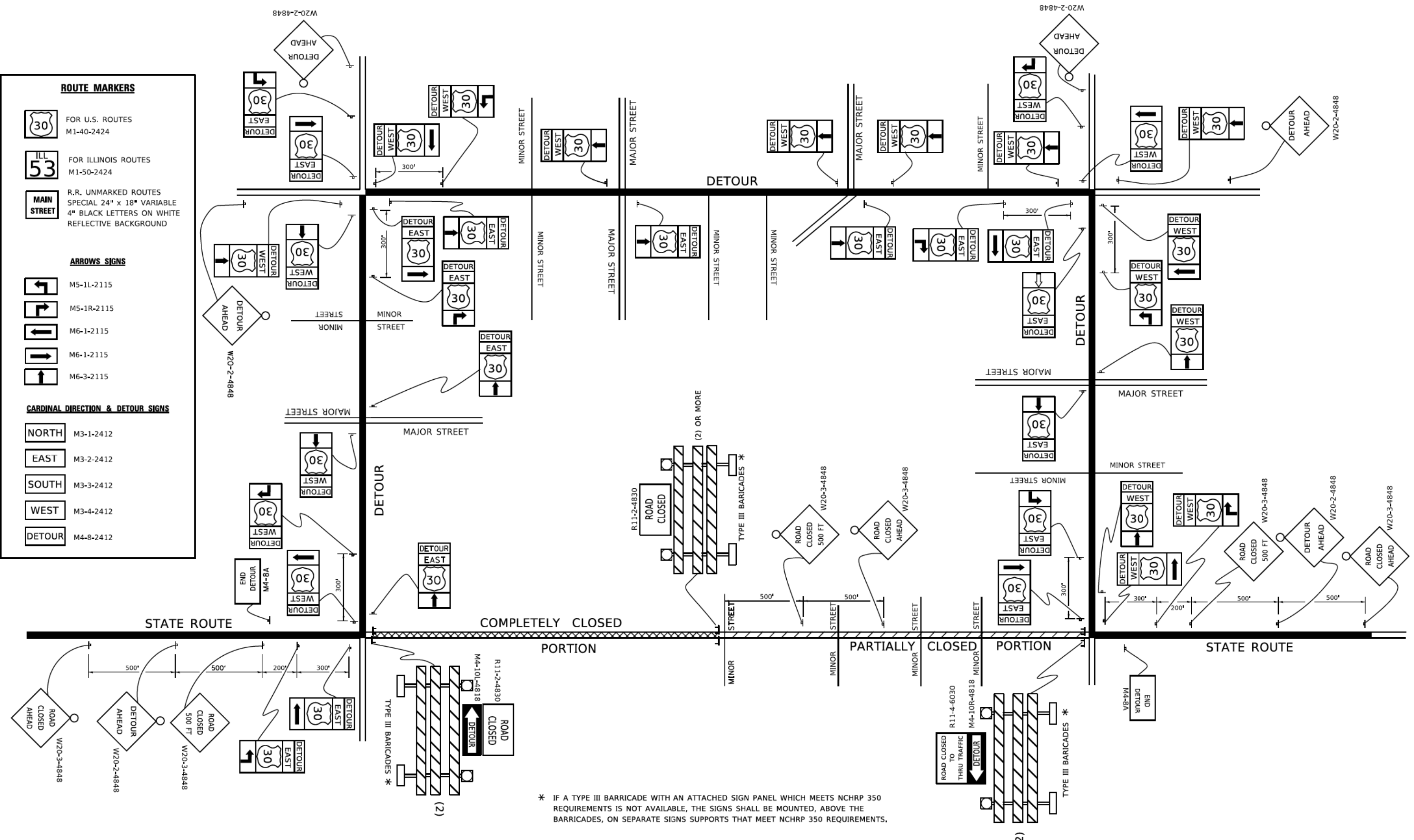
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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PLOT SCALE = 50,0000' / 1"	DRAWN -	REVISED - R, BORO 09-14-09
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

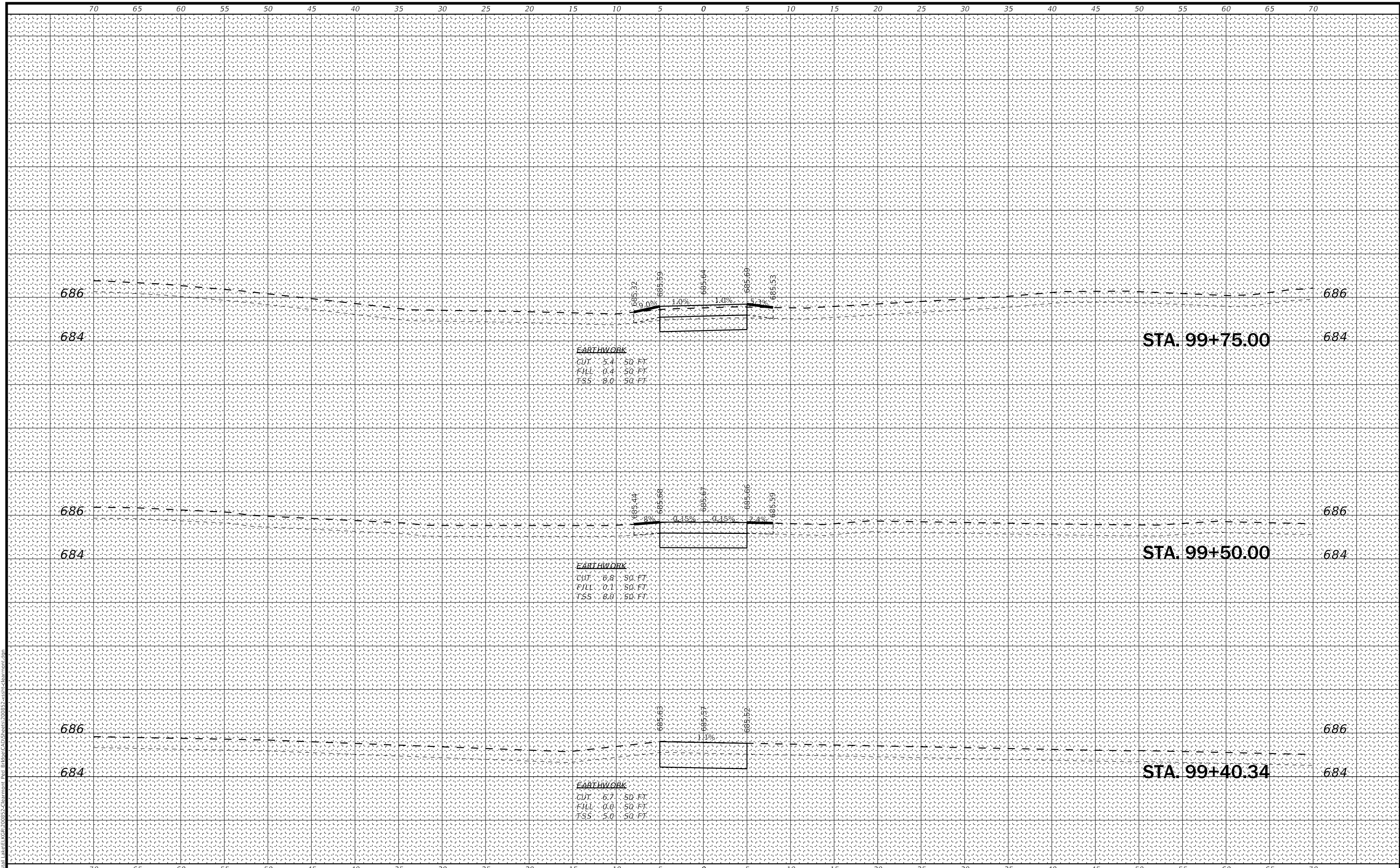
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	18-00066-00-BR	COOK	72	54
<b>TC-21</b>		CONTRACT NO. 61J10		
ILLINOIS FED. AID PROJECT				



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

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

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	DRAWN - KAR	REVISED -
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 BIKE PATH

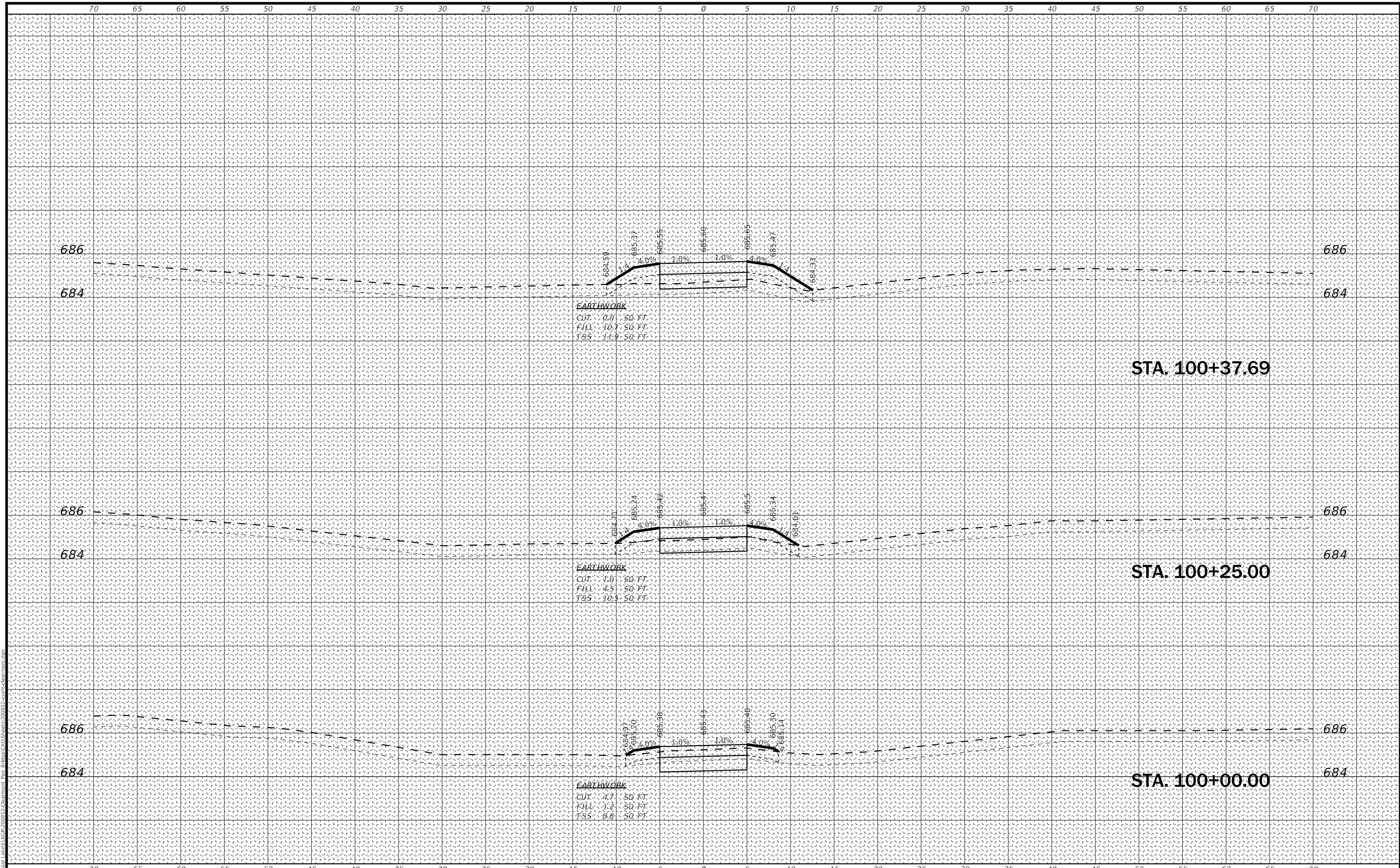
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	55
			CONTRACT NO.	61110
ILLINOIS FED. AID PROJECT				

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

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

CROSS SECTIONS  
 BIKE PATH  
 SCALE: H:1"=5':V:1"=2' SHEET 2 OF 17 SHEETS STA. 100+00.00 TO STA. 100+37.69

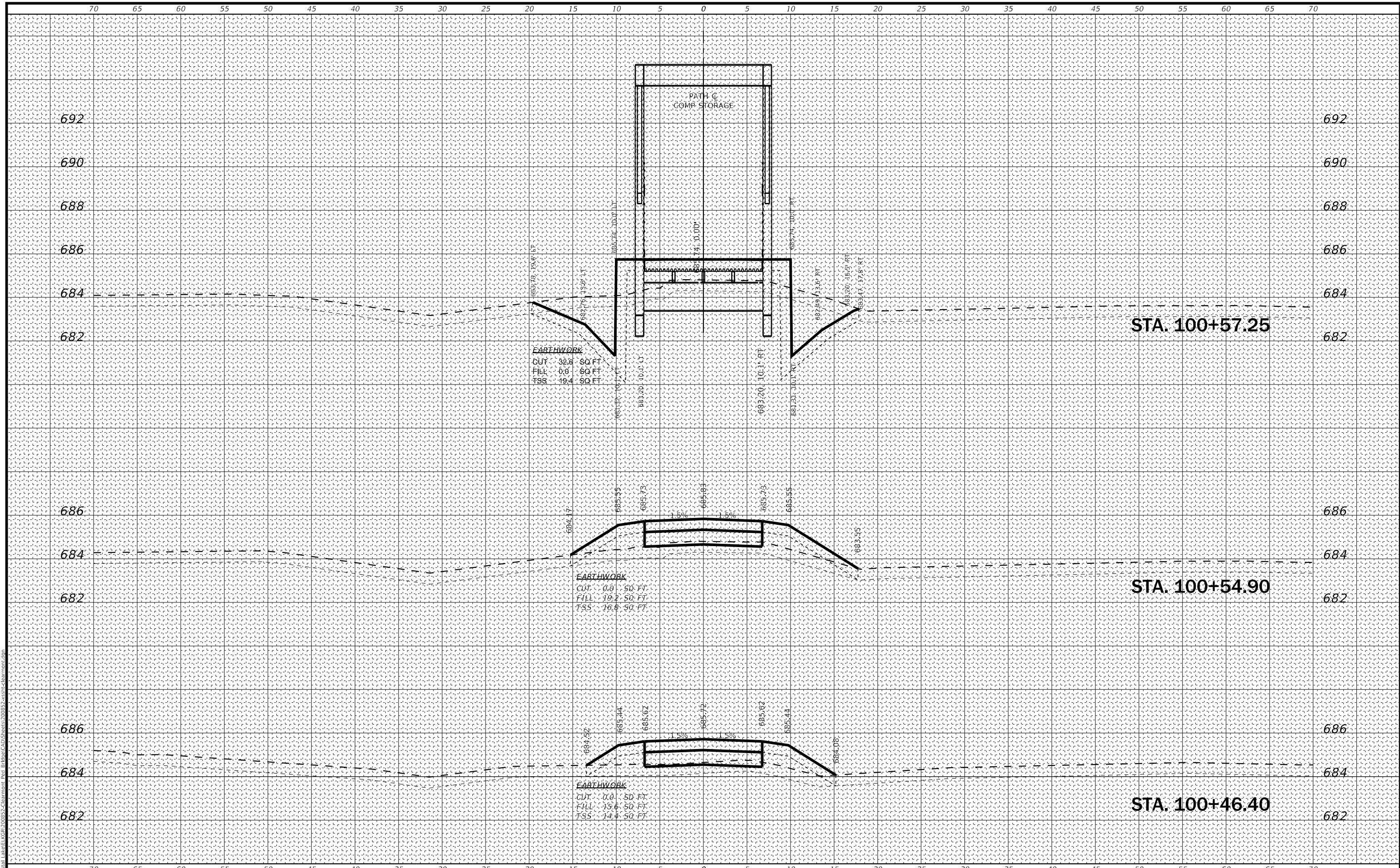
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	18-00066-00-BR	COOK	72	56
CONTRACT NO.			61110	
ILLINOIS FED. AID PROJECT				



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

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 PLOT DATE = 10/31/2022



**BAXTER & WOODMAN**  
 Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	REVISED -

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

**CROSS SECTIONS**  
**BIKE PATH**

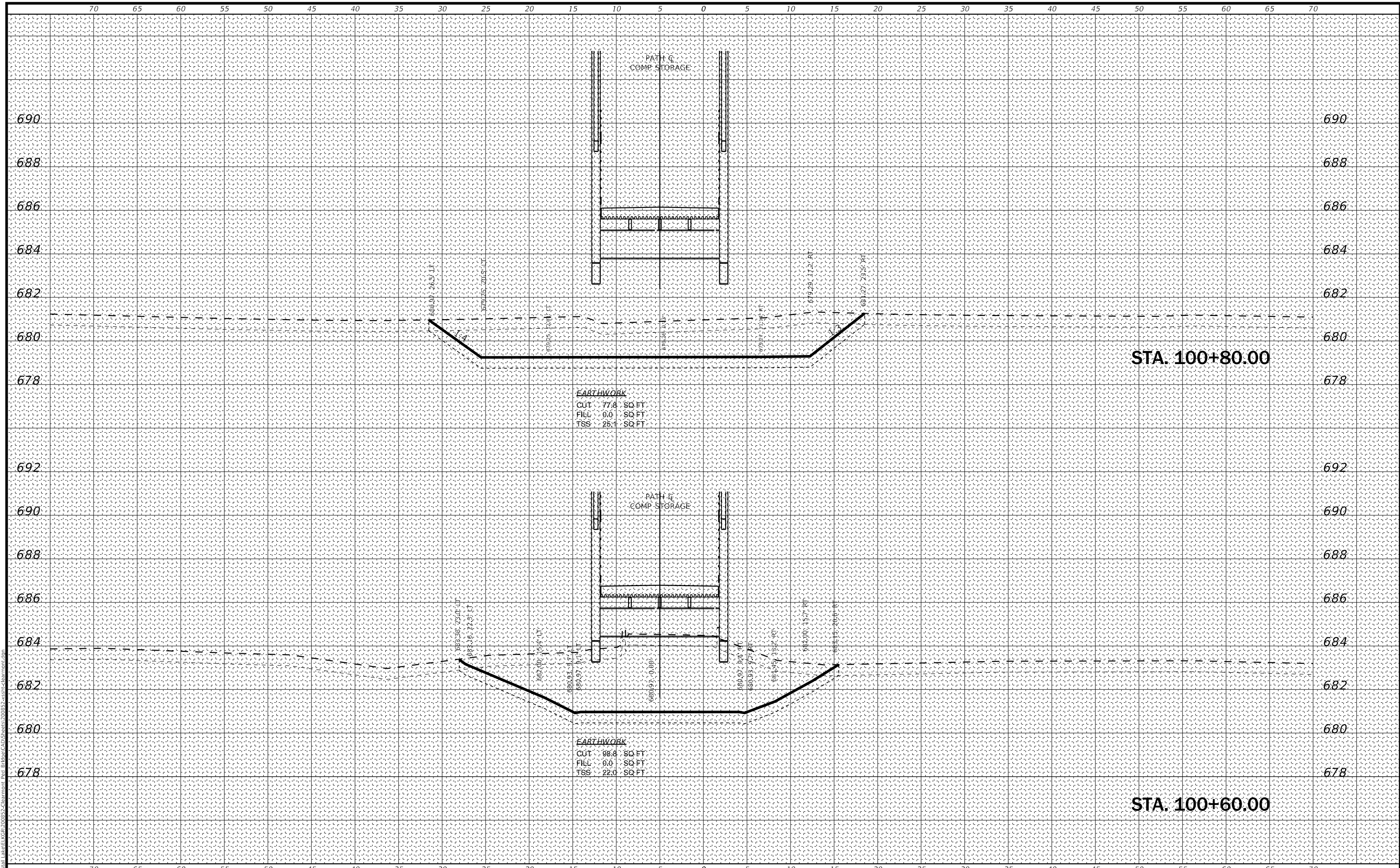
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	57
CONTRACT NO. 61110			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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**BAXTER & WOODMAN**  
 Consulting Engineers

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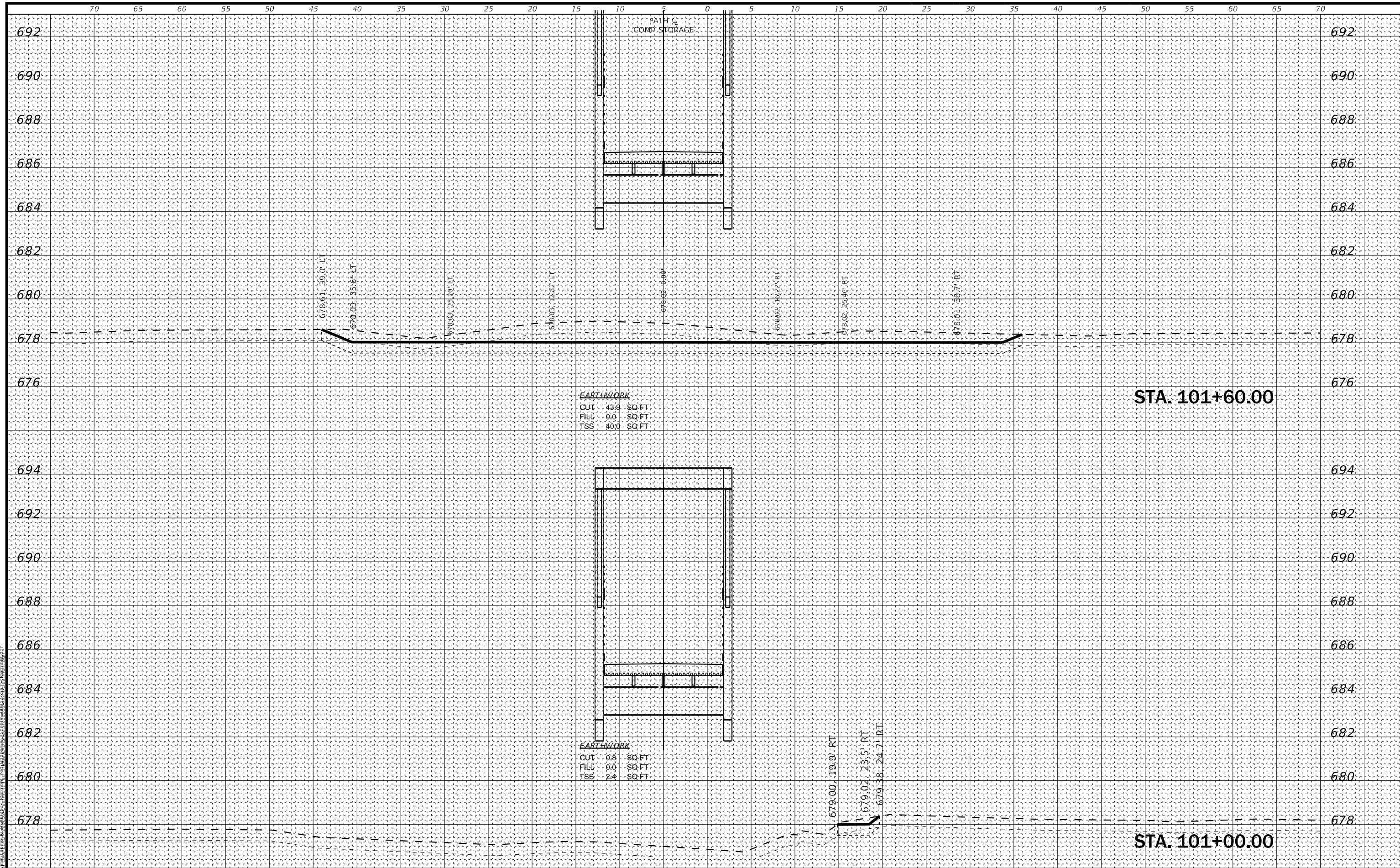
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS BIKE PATH</b>	
SCALE: H:1"=5':V:1"=2'	SHEET 4 OF 18 SHEETS
STA. 100+60.00 TO STA. 100+80.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	58
CONTRACT NO. 61110			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	



**BAXTER & WOODMAN**  
Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
BIKE PATH

SCALE: H:1"=5':V:1"=2' SHEET 5 OF 18 SHEETS STA. 101+00.00 TO STA. 101+60.00

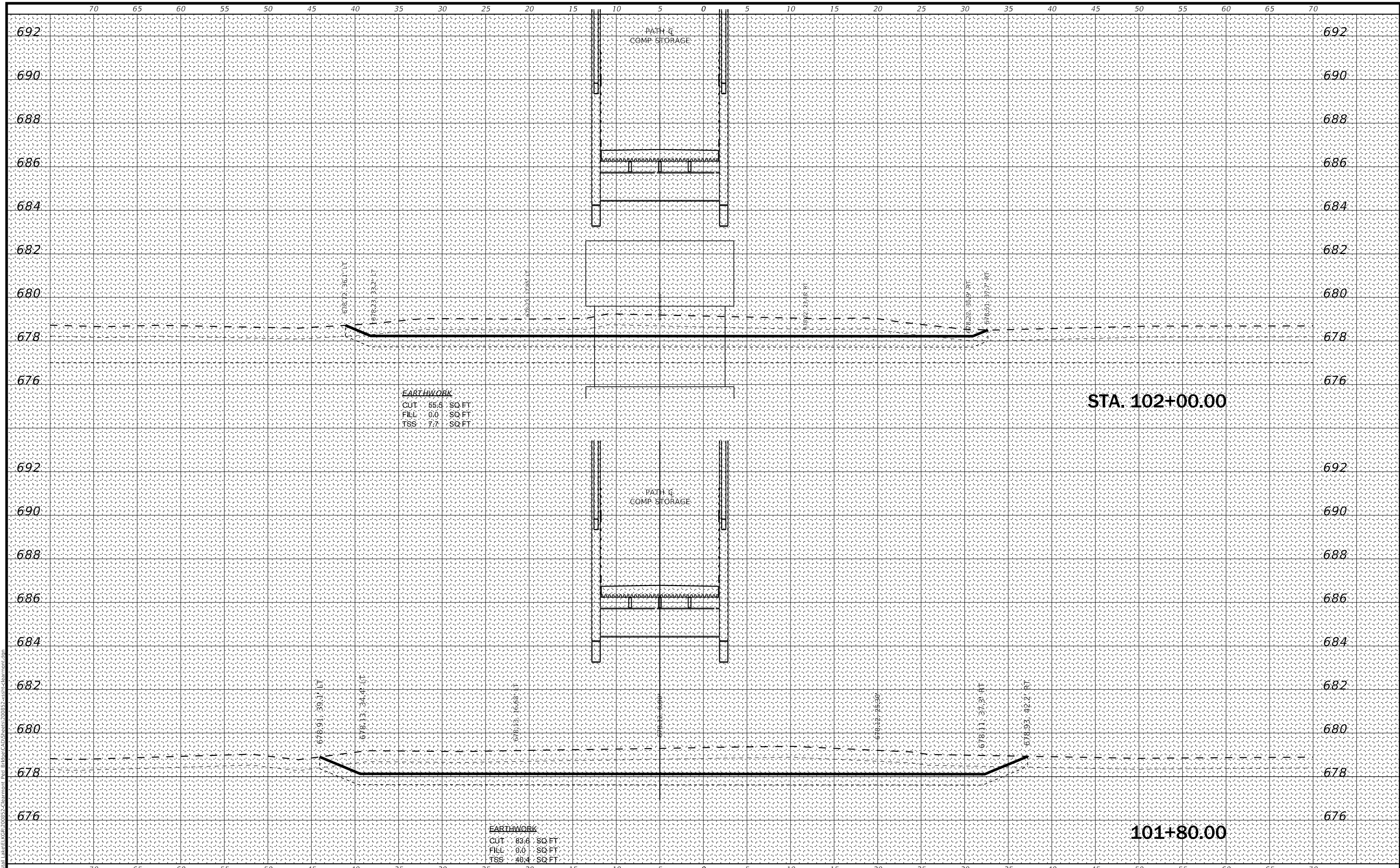
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	59
CONTRACT NO. 61110				

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: Definit  
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USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 BIKE PATH

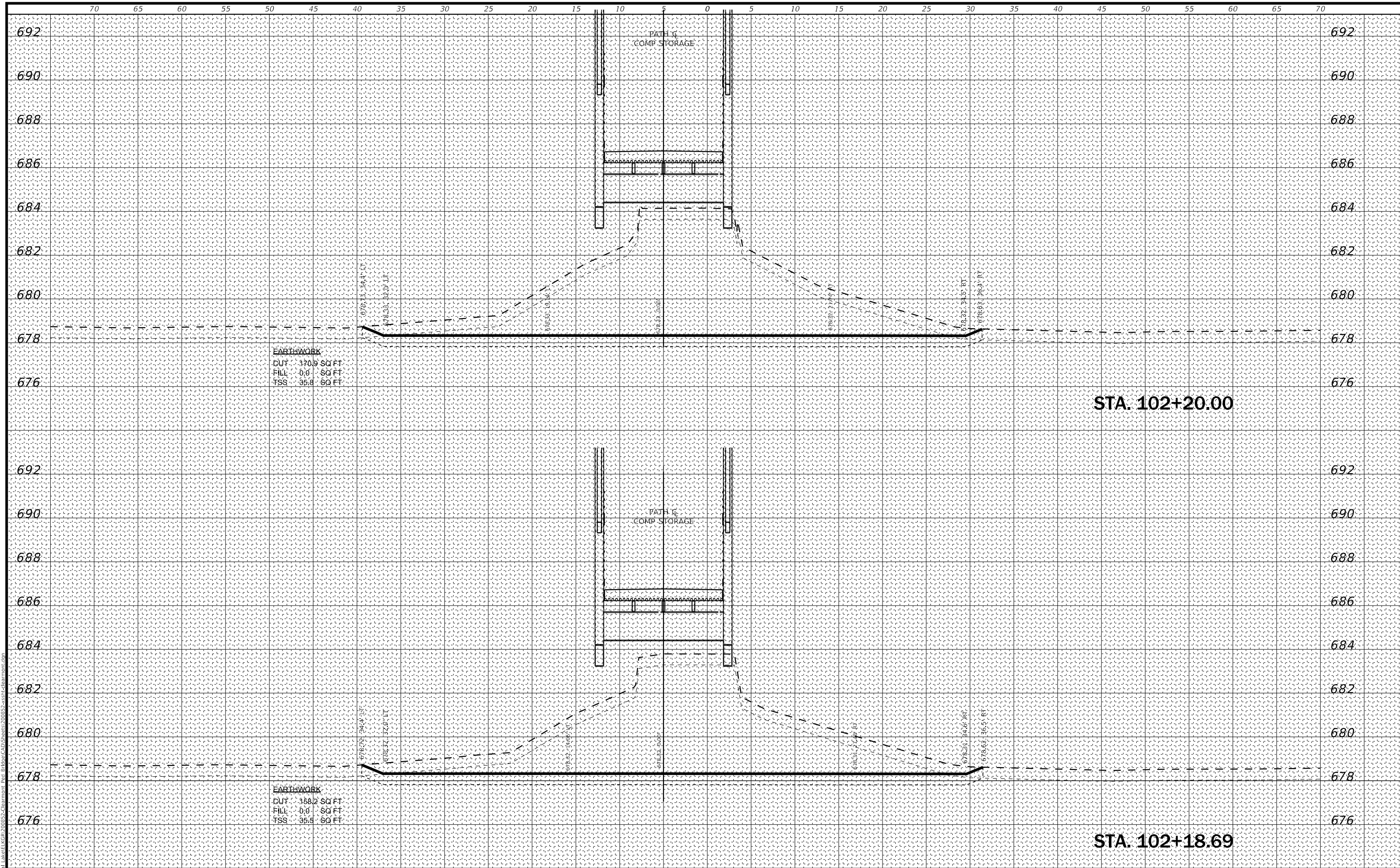
SCALE: H:5"=50' V:1"=2'

SHEET 6 OF 18 SHEETS STA. 101+80.00 TO STA. 102+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	60
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

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

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



USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BIKE PATH**

SCALE: H:1"=5'; V:1"=2' SHEET 7 OF 18 SHEETS STA. 101+80.00 TO STA. 102+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	61
CONTRACT NO. 61110				

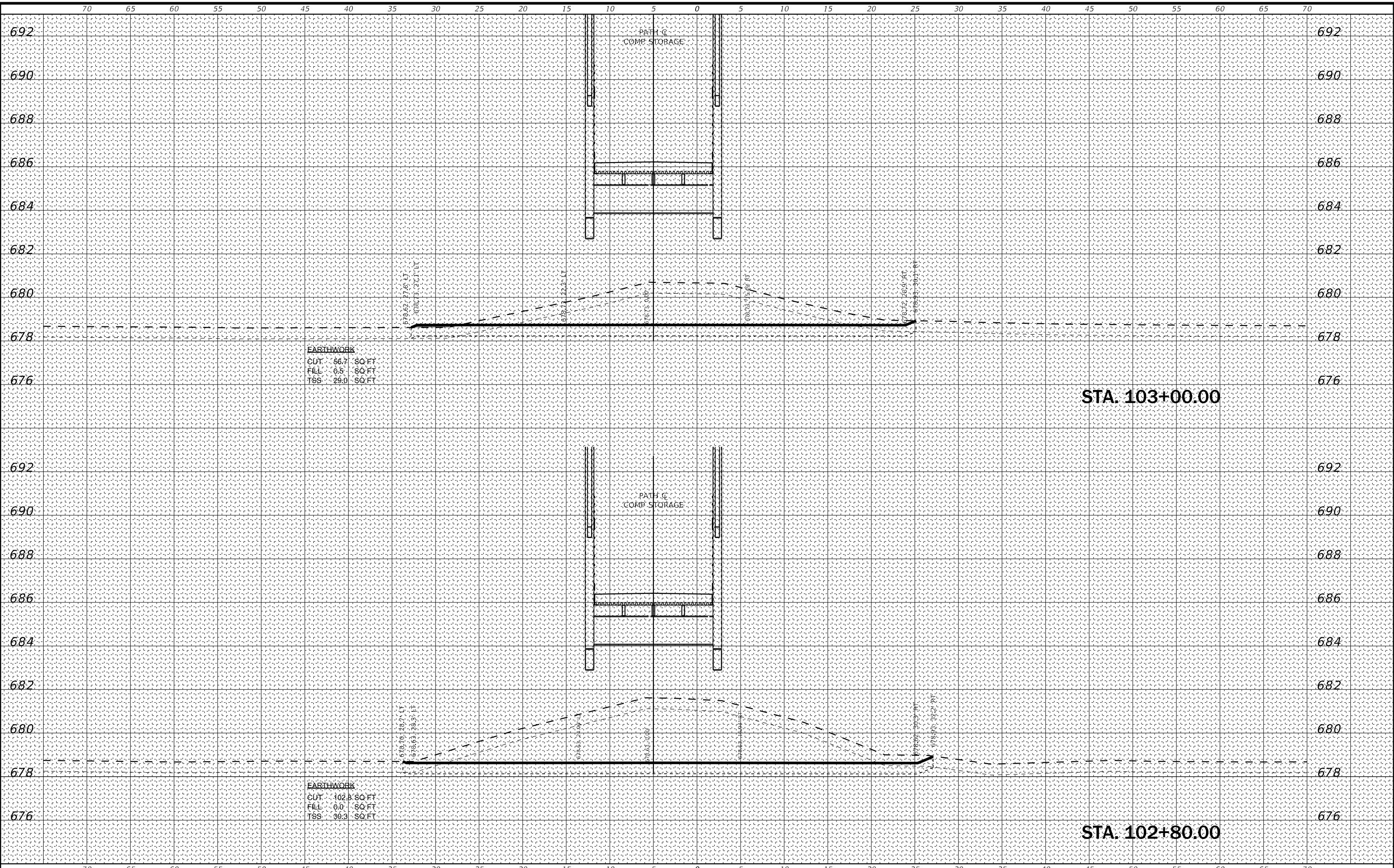
ILLINOIS FED. AID PROJECT



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

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

MODEL: Definit  
 FILE NAME: R:\CADD\18-00066-00-00-005-Clearmont\_Pkg\_BikePath\CD\Sheet9-2022-10-31.dwg



**BAXTER & WOODMAN**  
 Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 BIKE PATH

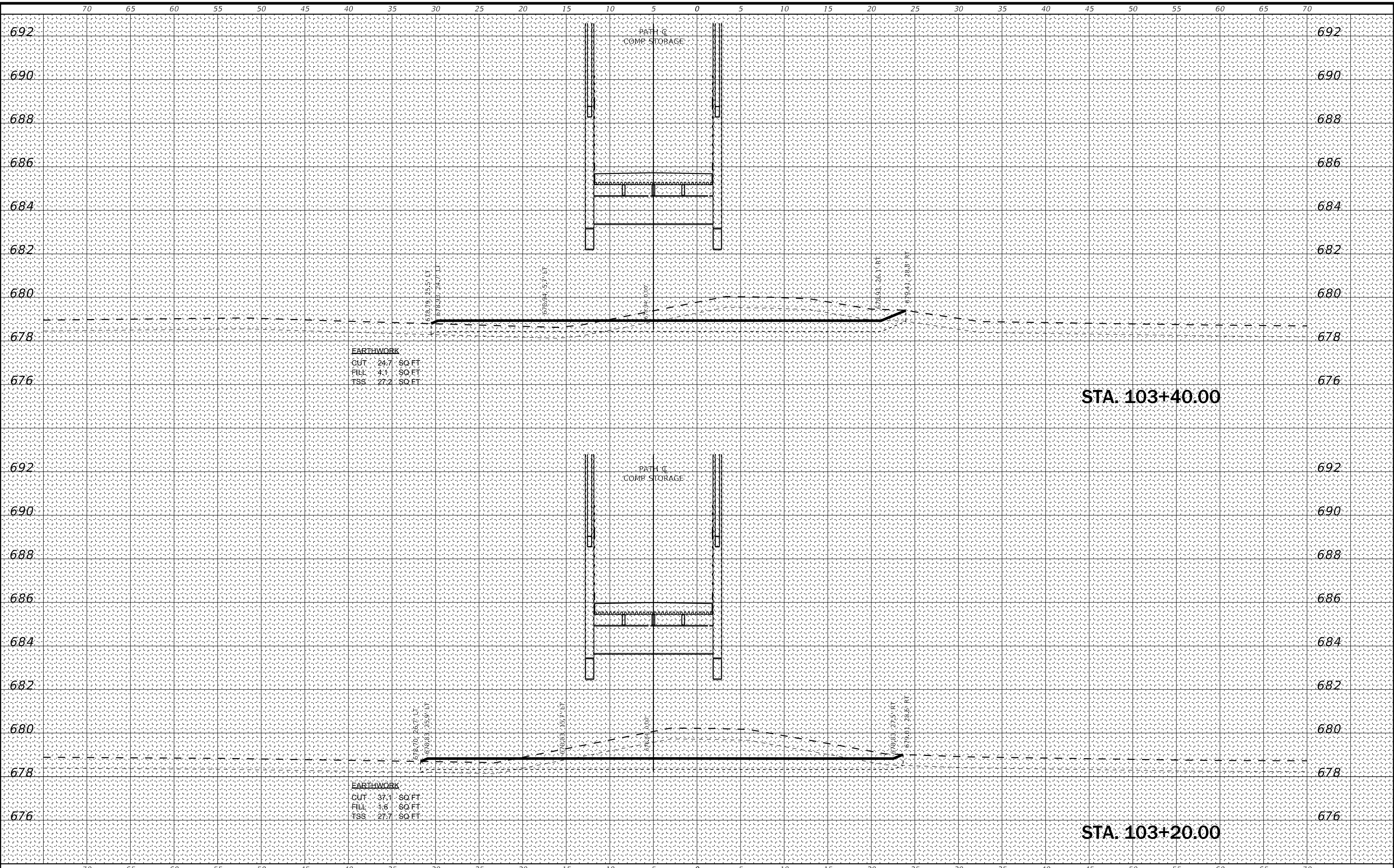
SCALE: H:1"=5':V:1"=2' SHEET 9 OF 17 SHEETS STA. 102+40.00 TO STA. 102+60.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	63
CONTRACT NO. 61110				
ILLINOIS FED. AID PROJECT				

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

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

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 USER: cstoczynski



**BAXTER & WOODMAN**  
 Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: H:1"=5':V:1"=2'	SHEET 10	OF 18 SHEETS	STA. 102+80.00	TO STA. 103+00.00
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CROSS SECTIONS  
 BIKE PATH

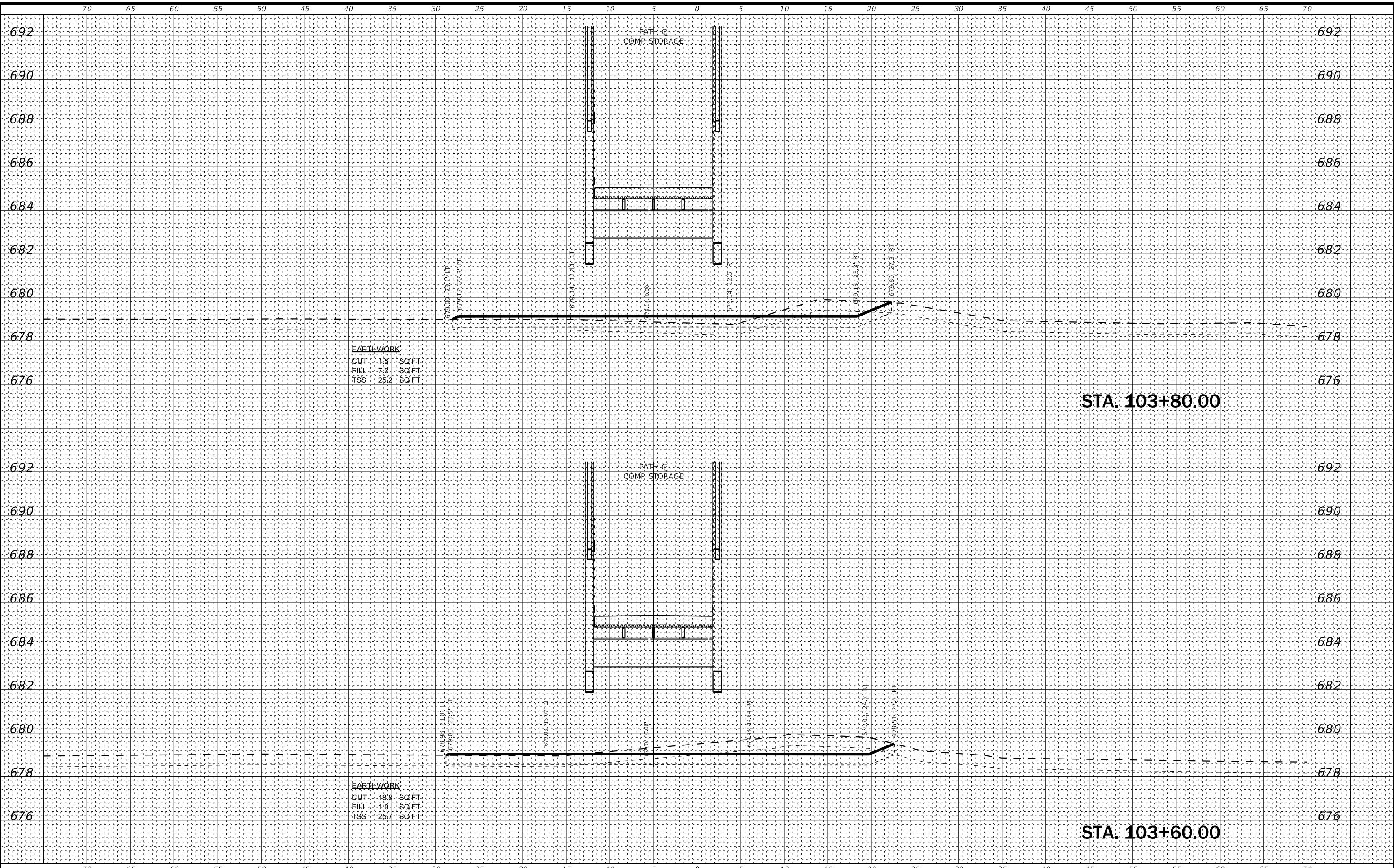
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	64
CONTRACT NO. 61110			ILLINOIS FED. AID PROJECT	



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

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

MODEL: Definit  
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**BAXTER & WOODMAN**  
 Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 "/td> <td>DRAWN - KAR</td> <td>REVISED -</td>	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: H:1"=5':V:1"=2'	SHEET 11	OF 18 SHEETS	STA. 103+20.00	TO STA. 103+40.00
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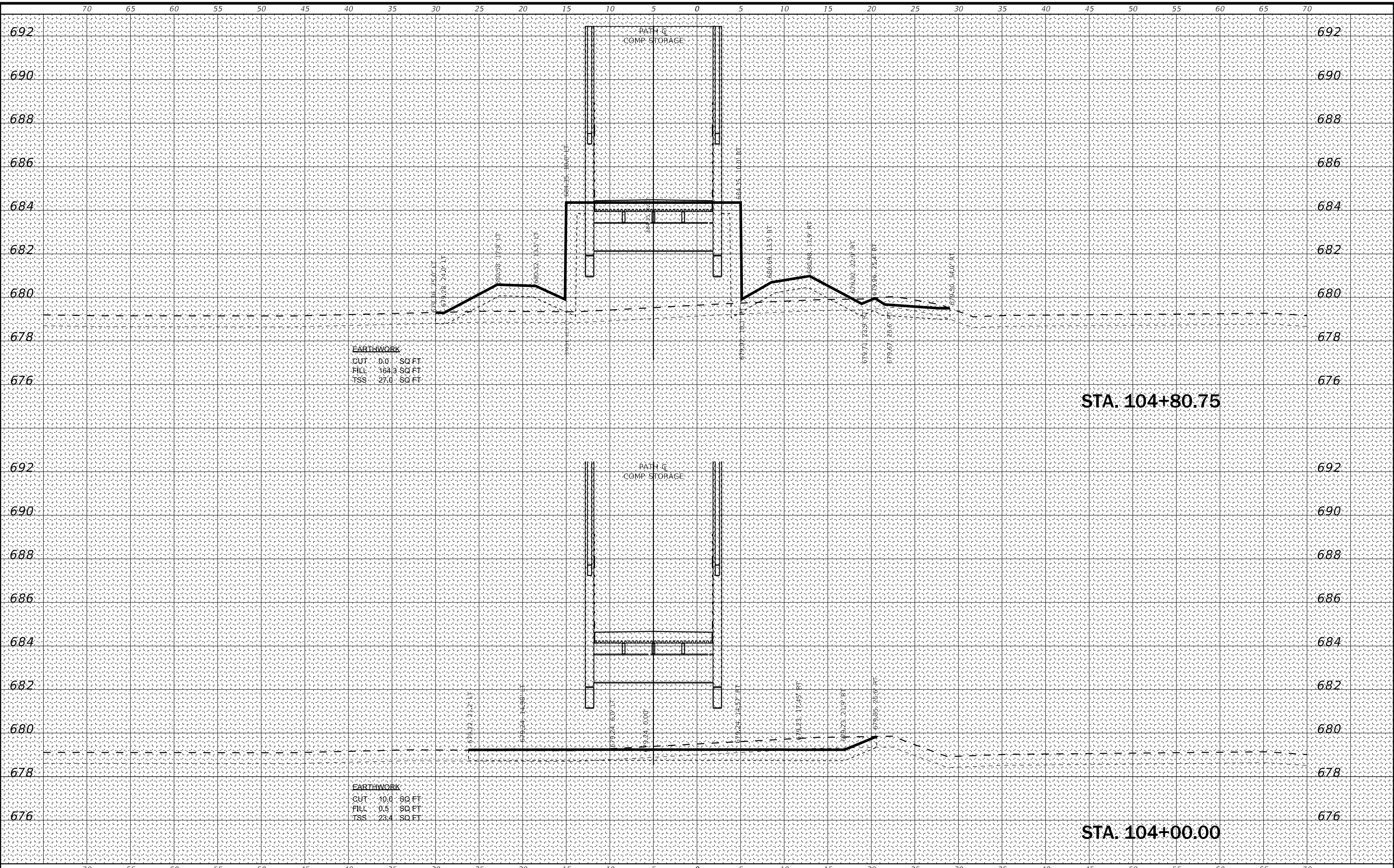
**CROSS SECTIONS  
 BIKE PATH**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	65
CONTRACT NO. 61110			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	

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FILE NAME: R:\CIVIL\Lakeview\18-00066-00-005-Clearmont\_Pkg\18-00066-00-005-2656-Clearmont.dgn



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Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 "/td> <td>DRAWN - KAR</td> <td>REVISED -</td>	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
BIKE PATH

SCALE: H:1"=5';V:1"=2' SHEET 12 OF 18 SHEETS STA. 103+60.00 TO STA. 103+80.00

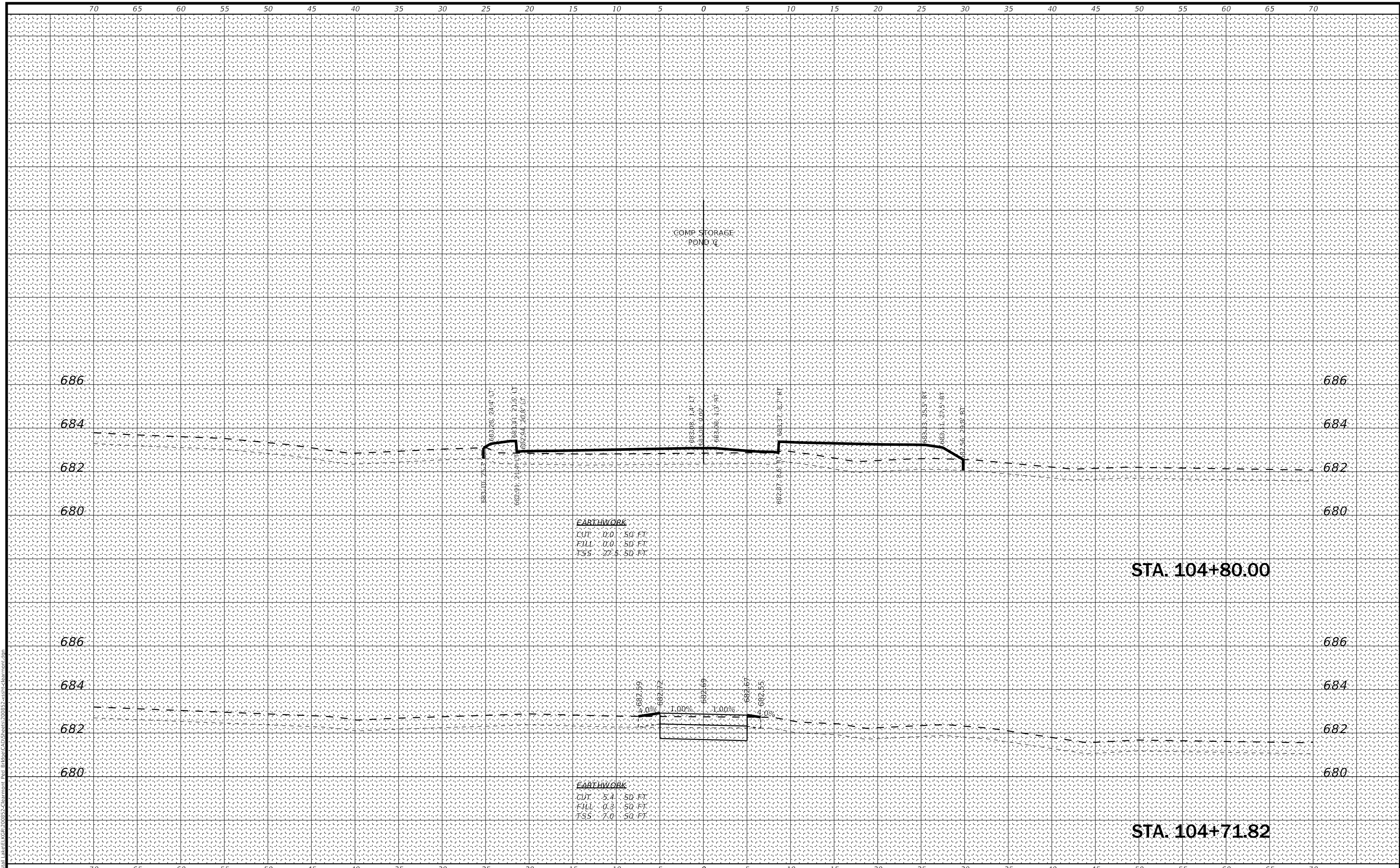
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	66
			CONTRACT NO.	61110
ILLINOIS FED. AID PROJECT				



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: Default  
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USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 10.0000 "/td> <td>CHECKED - JCC</td> <td>REVISED -</td>	CHECKED - JCC	REVISED -
PLOT DATE = 10/31/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

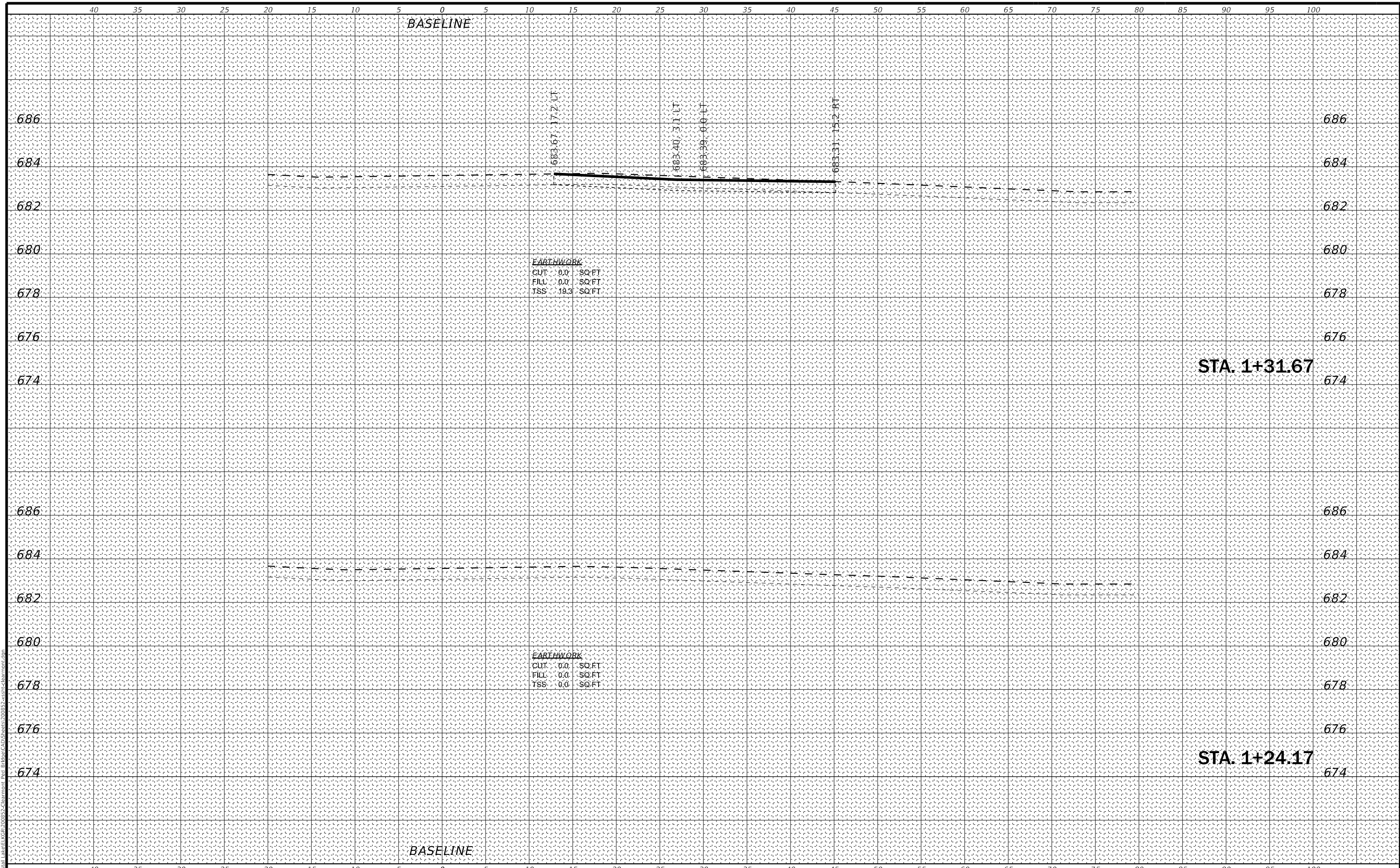
<b>CROSS SECTIONS BIKE PATH</b>		
SCALE: H:1"=5':V:1"=2'	SHEET 14	OF 18 SHEETS
STA. 104+71.82	TO STA. 104+80.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	68
			CONTRACT NO. 61110	
			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Default  
FILE NAME: R:\CADD\LakeElkC&S\20055-Clearmont\_Pkg\18-00066-00-Brantwood\18-00066-00-Brantwood.dgn



**BAXTER & WOODMAN**  
Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 "/td> <td>DRAWN - KAR</td> <td>REVISED -</td>	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**  
**COMPENSATORY STORAGE POND - BRANTWOOD AVE**

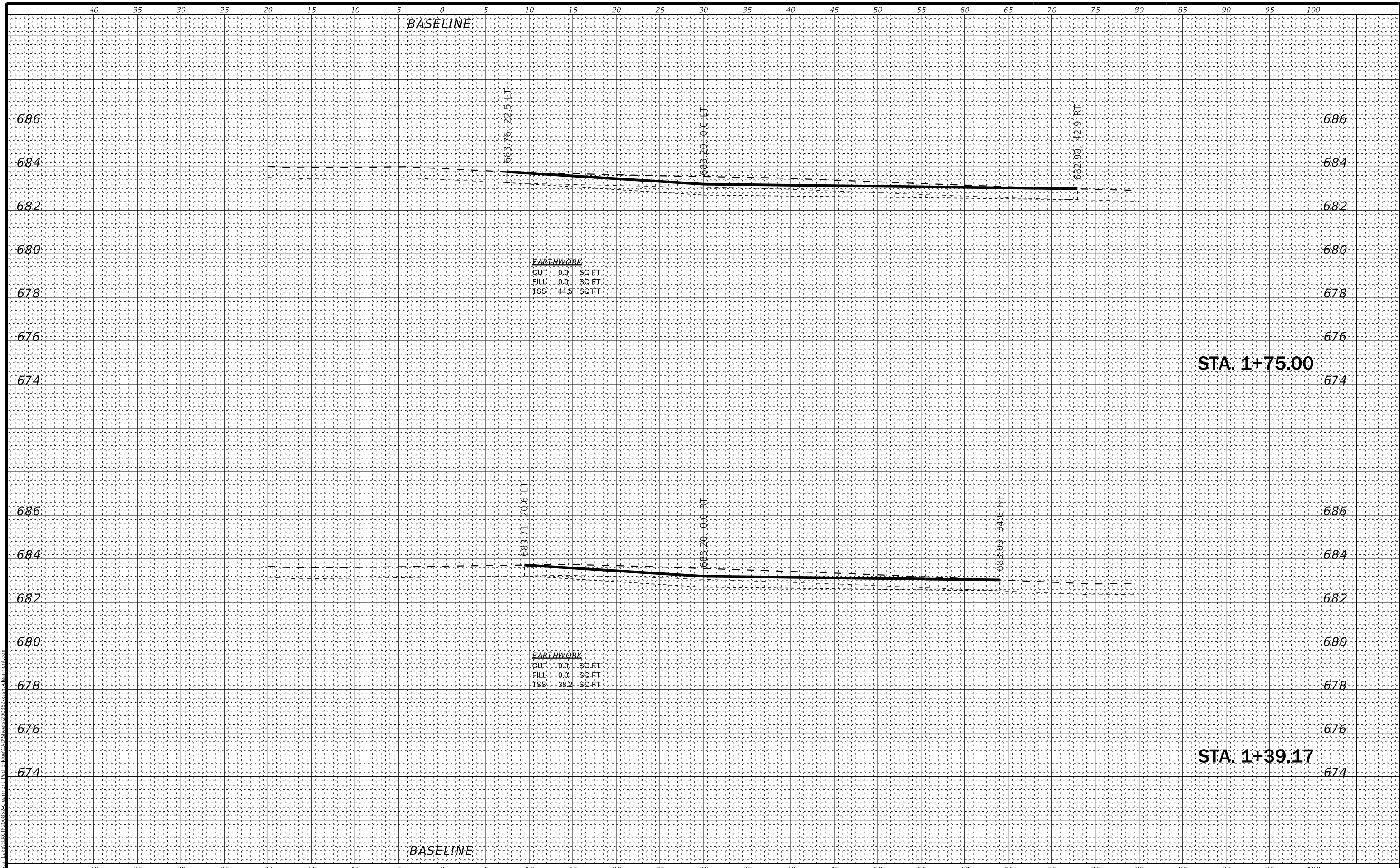
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	69
			CONTRACT NO.	61110
ILLINOIS FED. AID PROJECT				

SCALE: H:1"=5':V:1"=2' SHEET 15 OF 18 SHEETS STA. 1+24.17 TO STA. 1+31.67

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

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

MODEL: Default  
FILE NAME: R:\CADD\LakeElkC&R\20055-Clearmont\_Pkg\18-00066-00-Brantwood\18-00066-00-Brantwood.dgn



USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 "/td> <td>DRAWN - KAR</td> <td>REVISED -</td>	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

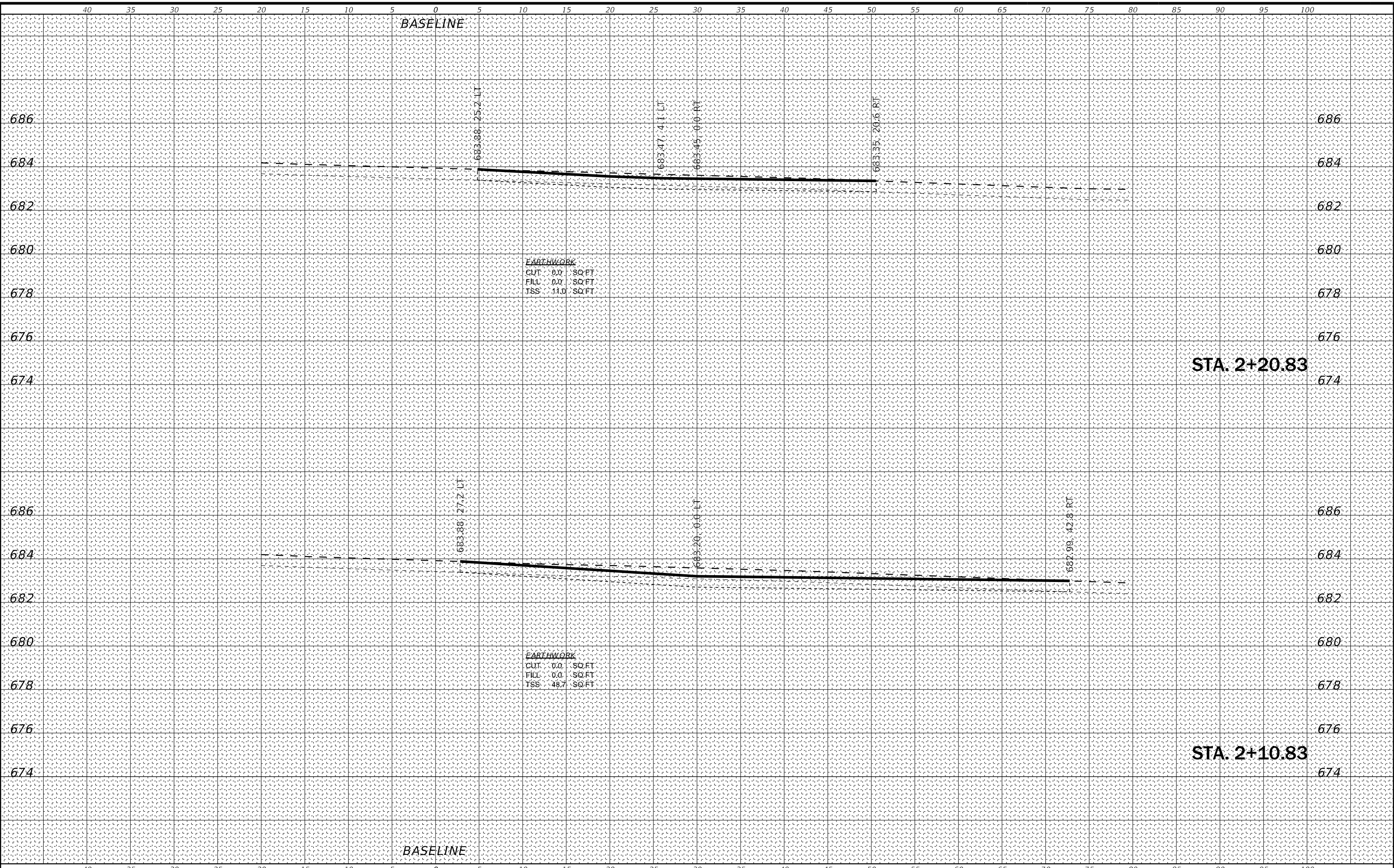
CROSS SECTIONS  
COMPENSATORY STORAGE POND - BRANTWOOD AVE  
SCALE: H:1"=5';V:1"=2' SHEET 16 OF 18 SHEETS STA. 1+39.17 TO STA. 1+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	70
			CONTRACT NO.	61110
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default  
FILE NAME: R:\CADD\LakeElCedar\20055-Clearmont\_Pkg\_1818661\CD\Sheet17.dwg



USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

DESIGNED - MLH	REVISED -
DRAWN - KAR	REVISED -
CHECKED - JCC	REVISED -
DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**COMPENSATORY STORAGE POND - BRANTWOOD AVE**

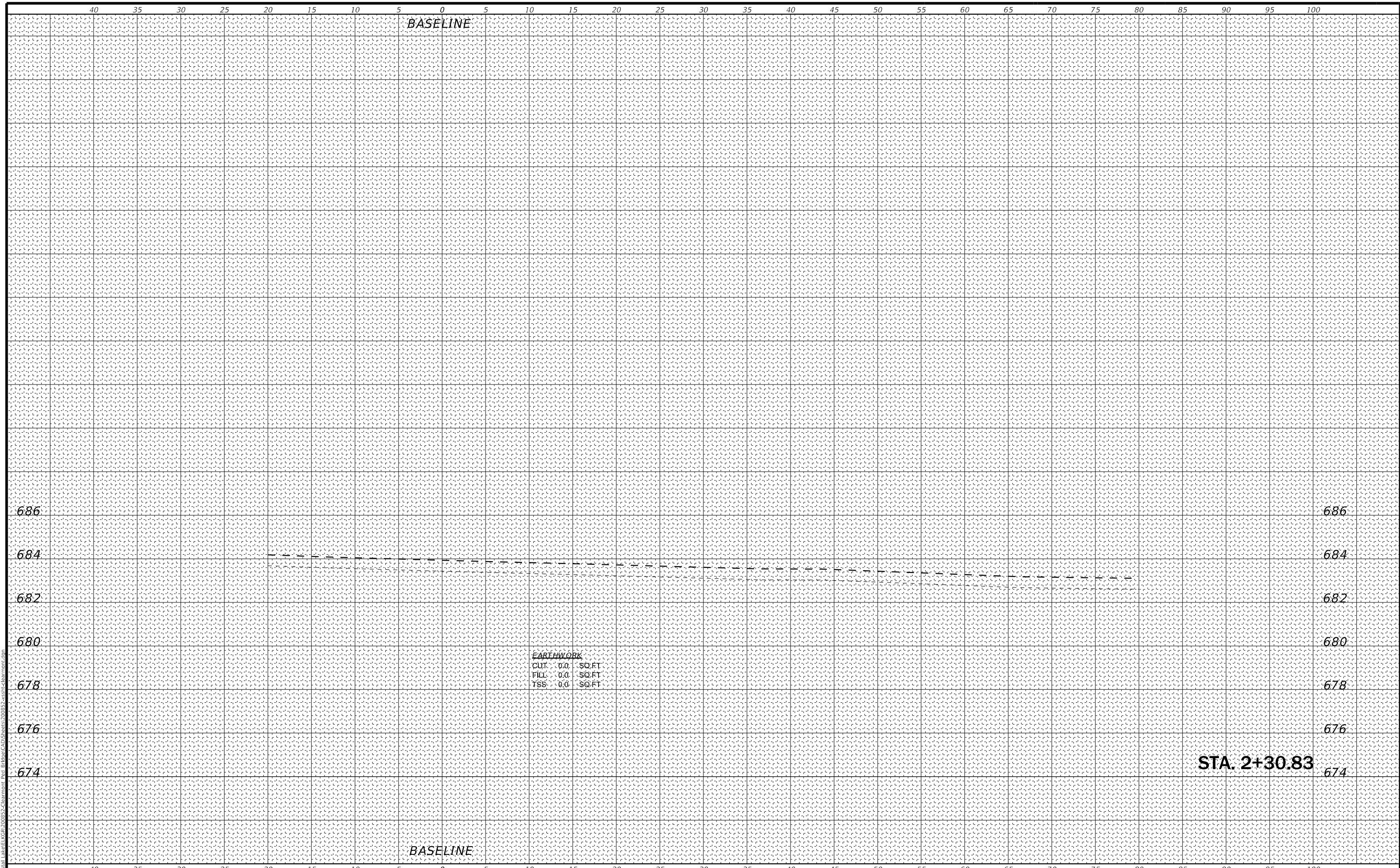
SCALE: H:1"=5';V:1"=2' SHEET 17 OF 18 SHEETS STA. 2+10.83 TO STA. 2+20.83

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	71
CONTRACT NO. 61110			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Default  
FILE NAME: R:\CADD\Lakeview\KGR\20055-Clearmont\_Pkg\Bridges\CAD\Sheet\20055-2-651-Clearmont.dgn



**BAXTER & WOODMAN**  
Consulting Engineers

USER NAME = cstoczynski	DESIGNED - MLH	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/31/2022	CHECKED - JCC	REVISED -
	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
COMPENSATORY STORAGE POND - BRANTWOOD AVE**

SCALE: H:1"=5';V:1"=2' SHEET 18 OF 18 SHEETS STA. 2+30.83 TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00066-00-BR	COOK	72	72
CONTRACT NO. 61110			ILLINOIS FED. AID PROJECT	