

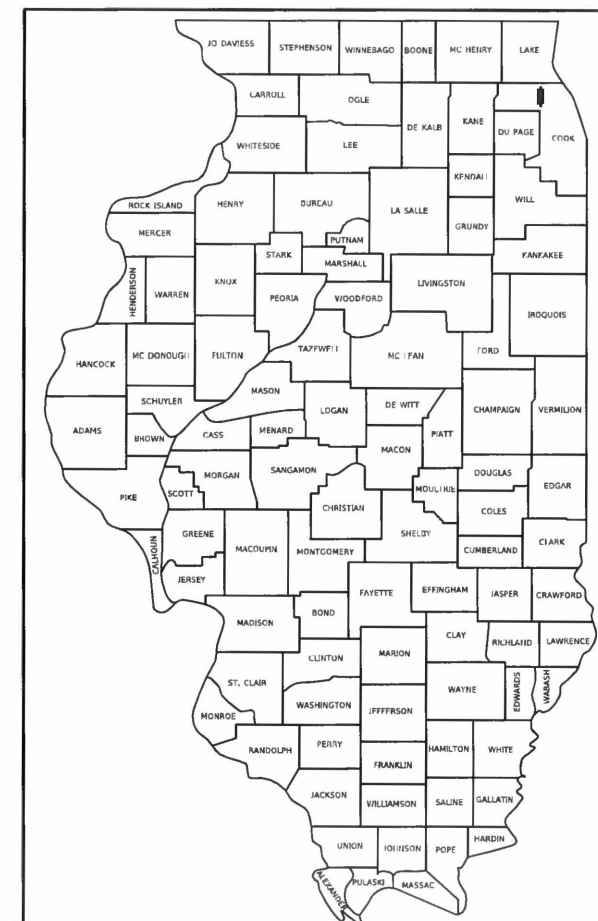
08-02-2019 LETTING ITEM 002

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	1
		ILLINOIS	CONTRACT NO. 61F79	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.U. ROUTE 2673 (SCHOENBECK ROAD)
WILLOW ROAD TO W. CAMP McDONALD ROAD
SECTION 15-00052-00-SW
PROJECT BOGM(434)
SAFE ROUTES TO SCHOOL
SIDEWALKS
CITY OF PROSPECT HEIGHTS
COOK COUNTY



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 4-12 20 19
Joe Wade, City Administrator
CITY OF PROSPECT HEIGHTS

APPROVED 4-12 20 19
Debbie Superintendent
PROSPECT HEIGHTS SCHOOL DISTRICT #23

PASSED 5-14 20 19
Steve M. Lewis
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW May 14 20 19
Anthony J. Quinley
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

SIGNED: *[Signature]*
MARK A. COLEMAN, EXP. 11/30/2019

DATE: April 22, 2019



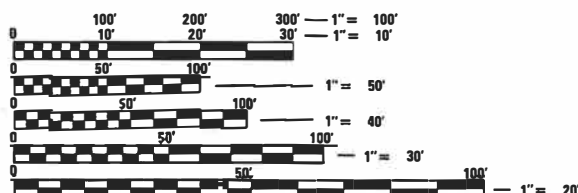
EXPIRATION DATE 11-30-19
DATE: 4-22-19

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OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E RAMOS, P.E., (847) 705-4021 SCHAUMBURG, IL

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

TRAFFIC DATA:
SCHOENBECK ROAD = MAJOR COLLECTOR
2014 ADT = 4150
SPEED LIMIT = 35 MPH

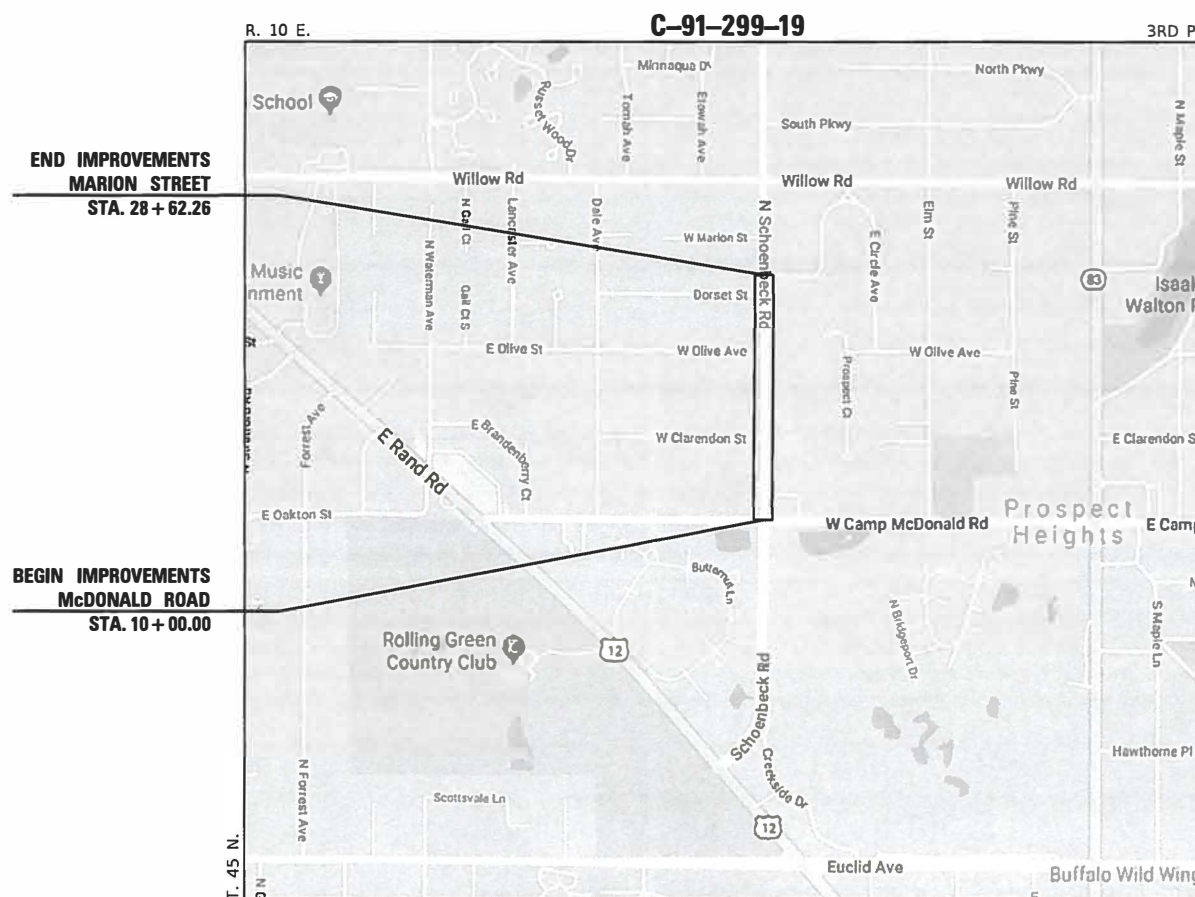


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER
PROJECT MANAGER

CONTRACT NO. 61F79



WHEELING TOWNSHIP LOCATION MAP

GROSS LENGTH = 1,862.26 FT. = 0.523 MILE
NET LENGTH = 1,862.26 FT. = 0.523 MILE

INDEX OF SHEETS:

- 1. COVER
- 2. GENERAL NOTES, STANDARDS, AND INDEX OF SHEETS
- 3.-7. SUMMARY OF QUANTITIES
- 8. SCHEDULE OF QUANTITIES
- 9. TYPICAL SECTIONS
- 10. EARTHWORK TABLES
- 11.-12. ALIGNMENT, TIES, AND BENCHMARK
- 13.-14. REMOVAL PLANS
- 15.-18. PLAN AND PROFILE
- 19.-20. EROSION AND SEDIMENT CONTROL
- 21.-23. ADA GRADING DETAIL
- 24.-27. DRAINAGE AND UTILITIES
- 28.-34. IDOT DISTRICT ONE STANDARD DETAILS
- 35.-36. EXISTING SIGNAL PLANS
- 37.-47. CROSS SECTIONS

GENERAL NOTES:

- 1. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- 2. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- 3. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- 4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK AND EXPENSE.
- 5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- 7. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.
- 8. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

STATE STANDARDS:

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602001-02 CATCH BASIN TYPE A
- 602301-04 INLET TYPE A
- 602401-06 PRECAST MANHOLE TYPE A 4' DIAMETER
- 602416-08 PRECAST MANHOLE TYPE A 8' DIAMETER
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-04 FRAME AND LIDS TYPE I
- 604036-03 GRATE TYPE 8
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-04 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STREEL PANEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 14-12 PORTLAND CEMENT CONCRETE PAVEMENT (NON REINFORCED)

DISTRICT ONE DETAILS:

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)
- BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 m)
- BD-03 OUTLET FOR CONCRETE CURB AND GUTTER
- BD-07 STORM SEWER CONNECTION TO EXISTING SEWER
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING DETAILS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

EROSION CONTROL

- 1. ANY TREE PROTECTION MEASURES SHALL OCCUR PRIOR TO CONSTRUCTION COMMENCEMENT. CONTRACTOR SHALL REFER TO SOIL EROSION AND SEDIMENT CONTROL PLANS FOR TREE RECEIVING TREE TRUNK PROTECTION, TREE PRUNING AND TREE ROOT PRUNING.
- 2. WHEN PERMANENT SEEDING CANNOT TAKE PLACE IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED TO THE AREAS.

CCDOTH NOTES

- 1. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT AT NO COST TO THE COUNTY.
- 2. THE COUNTY IS NOT PART OF JULIE FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT. CONTACT MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1730.
- 3. FOR THE LOCATION OF UNDERGROUND CUNTY MAINTAINED FACILITIES, SEE COUNTY SPECIAL PROVISION "TRAFFIC SIGNAL WORK GENERAL".
- 4. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT AND CCDOTH FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT AND CCDOTH ELECTRICAL FACILITIES FROM THE ELECTRICAL MAINTENANCE CONTRACTOR(S) PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- 5. PROVIDE FOR MAINTENANCE OF TWO-WAY TRAFFIC AT ALL TIMES ALONG SCHOENBECK ROAD. DAYTIME LANE CLOSURES ARE RESTRICTED TO WITHIN THE HOURS OF 9 AM - 3 PM AND TEMPORARILY SUSPENDED FOR SCHOOL ARRIVAL AND DISMISSAL PERIODS.
- 6. ALL BACKFILL OF OPEN TRENCHES WITHIN SCHOENBECK ROAD ROW SHALL MEET THE REQUIREMENTS OF ARTICLE 208.02 OF THE IDOT STANDARD SPECIFICATIONS.

COMMITMENTS

NONE



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		DATE - 11/16/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, STANDARDS, AND INDEX OF SHEETS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	2
				CONTRACT NO. 61F79
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

					CONSTRUCTION CODE	
SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021	
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	159	159	
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	84	84	
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	8	8	
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	11	11	
*	20101100	TREE TRUNK PROTECTION	EACH	19	19	
*	20101200	TREE ROOT PRUNING	EACH	19	19	
*	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	15	15	
*	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15	15	
*	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	15	15	
*	20101700	SUPPLEMENTAL WATERING	UNIT	4	4	
	20200100	EARTH EXCAVATION	CU YD	282	282	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	105	105	
	20800150	TRENCH BACKFILL	CU YD	80	80	
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	300	300	

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 2673	SECTION 15-00052-00-SW	COUNTY COOK	TOTAL SHEETS 47	SHEET NO. 3
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
	21400100	GRADING AND SHAPING DITCHES	FOOT	255	0021
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45
*	25100630	EROSION CONTROL BLANKET	SQ YD	130	130
*	25200100	SODDING	SQ YD	3,373	3,373
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10
*	28000305	TEMPORARY DITCH CHECKS	FOOT	70	70
	28000400	PERIMETER EROSION BARRIER	FOOT	1,450	1,450
	28000510	INLET FILTERS	EACH	7	7
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,069	1,069
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	536	536
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,425	1,425
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	470	470

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	4
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

					CONSTRUCTION CODE
SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	4	4
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	71	71
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	55	55
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	154	154
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8,238	8,238
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1,486	1,486
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	93	93
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	5,671	5,671
	44000300	CURB REMOVAL	FOOT	16	16
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	17	17
	44000600	SIDEWALK REMOVAL	SQ FT	167	167
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	2	2
	50105220	PIPE CULVERT REMOVAL	FOOT	206	206
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	11	11

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	5
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

					CONSTRUCTION CODE	
SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021	
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	335	335	
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	265	265	
	55100500	STORM SEWER REMOVAL 12"	FOOT	325	325	
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4	4	
	60500040	REMOVING MANHOLES	EACH	1	1	
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3	
	60600605	CONCRETE CURB, TYPE B	FOOT	16	16	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	17	17	
	67100100	MOBILIZATION	LSUM	1	1	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	6
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

					CONSTRUCTION CODE	
SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021	
*	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	23	23	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	50	
*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
*	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
*	B2001716	TREE, CRATAEGUS CRUSGALLI INERMIS CRUZAM (CRUSADER THORNLESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5	
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	12	12	
	X2010510	CLEARING AND GRUBBING	LSUM	1	1	
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	40	40	
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1	
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
	Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	142	142	

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

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

F.A.U. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	7
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	



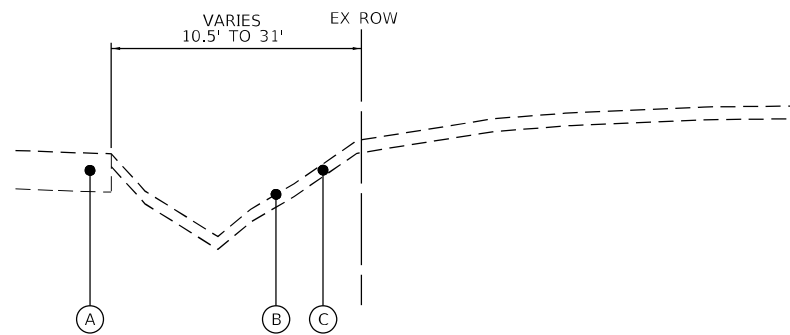
BASELINE	STATION	OFFSET FEET	RT/LT	TREE NO.	TREE	TREE	TREE	TREE	TREE	TREE	
					DIAMETER INCHES	REMOVAL (OVER 15 UNITS DIAMETER) 20100110 UNITS	PRUNING (1 TO 10 INCH DIAMETER) 20101300 EACH	PRUNING (OVER 10 INCH DIAMETER) 20101350 EACH	TRUNK PROTECTION 20101100 EACH	ROOT PRUNING 20101200 EACH	
SIDEWALK	11+98.99	1.18	LT	828							
SIDEWALK	12+05.07	0.08	LT	825	3						
SIDEWALK	12+06.73	1.5	RT	826	3						
SIDEWALK	12+07.17	2.75	RT	827	4						
SIDEWALK	12+09.04	3.42	LT	823	3						
SIDEWALK	12+11.03	2.14	LT	824	3						
SIDEWALK	12+14.82	2.57	RT	801	25	25					
SIDEWALK	12+17.05	6.2	RT	802	28			1	1	1	
SIDEWALK	12+21.94	2.63	RT	803	14	14					
SIDEWALK	12+22.30	5.42	RT	804	19			1	1	1	
SIDEWALK	12+24.74	5.51	LT	805	13	13					
SIDEWALK	12+26.67	4.35	LT	806	6	6					
SIDEWALK	12+30.51	4.38	LT	807	3						
SIDEWALK	12+29.27	3.78	RT	808	11	11					
SIDEWALK	12+30.71	2.85	RT	809	6	6					
SIDEWALK	12+32.43	5.33	RT	810	17	17					
SIDEWALK	14+26.41	7.56	RT	829	4		1		1	1	
SIDEWALK	14+28.37	3.75	LT	830	4						
SIDEWALK	14+37.61	1.72	RT	831	6	6					
SIDEWALK	14+70.00	4.58	LT	832	9	9					
SIDEWALK	14+80.65	3.55	RT	873	12			1	1	1	
SIDEWALK	14+92.70	4.8	LT	833	11	11					
SIDEWALK	14+99.90	3.94	RT	874	8		1		1	1	
SIDEWALK	15+00.83	8.08	LT	835	2						
SIDEWALK	15+02.24	8.58	LT	834	2						
SIDEWALK	15+02.44	2.75	RT	875	2						
SIDEWALK	15+08.40	1.87	LT	837	3						
SIDEWALK	15+09.53	8.21	LT	836	4						
SIDEWALK	15+20.85	6.92	LT	839	2.5						
SIDEWALK	15+22.71	7.28	LT	838	16			1	1	1	
SIDEWALK	15+28.59	3.49	RT	876	5						
SIDEWALK	15+44.14	9.72	LT	840	18			1	1	1	
SIDEWALK	15+48.64	4.69	LT	841	3						
SIDEWALK	15+53.45	2.33	LT	842	3						
SIDEWALK	15+58.12	0.36	RT	843	4						
SIDEWALK	15+91.37	3.59	LT	844	3						
SIDEWALK	15+95.81	3.46	LT	845	6	6					
SIDEWALK	15+97.73	3.64	RT	871	59			1	1	1	
SIDEWALK	16+12.83	8.29	LT	846	10	10					
SIDEWALK	16+23.70	8.13	LT	848	2						
SIDEWALK	16+27.17	14.77	LT	847	15			1	1	1	
SIDEWALK	16+34.68	14.2	LT	849	2		1		1	1	
SIDEWALK	16+39.82	15.39	LT	850	2		1		1	1	
SIDEWALK	16+43.38	12.93	LT	851	1.75		1		1	1	
SIDEWALK	16+58.87	10.97	LT	852	12			1	1	1	
SIDEWALK	16+68.93	7.5	LT	853	32			1	1	1	
SIDEWALK	17+06.40	5.86	LT	854	15	15					
SIDEWALK	17+08.68	12.16	LT	855	14	14					
SIDEWALK	17+28.86	12.64	LT	856	15	15					
SIDEWALK	17+30.52	6.28	LT	857	12	12					
SIDEWALK	17+54.09	1.1	RT	860	2.5						
SIDEWALK	17+54.10	4.27	RT	859	3		1		1	1	
SIDEWALK	17+58.28	4.72	RT	861	5		1		1	1	
SIDEWALK	17+61.02	7.49	LT	865	3						
SIDEWALK	17+62.30	5.54	LT	862	4						
SIDEWALK	17+62.86	7.49	LT	864	2						
SIDEWALK	18+13.47	6.98	RT	867	40			1	1	1	
SIDEWALK	18+28.89	2.48	RT	868	11	11					
SIDEWALK	18+41.58	4.16	RT	869	24	24					
SIDEWALK	18+99.10	4.21	LT	870	18	18					
SIDEWALK	21+58.79	4.3	RT	880	26			1	1	1	
SIDEWALK	26+62.87	13.34	RT	887	6		1		1	1	
					TOTALS	159	84	8	11	19	19

FILE NAME = D:\12345-9SCH01.dgn	USER NAME = MColeman	DESIGNED - MAC	REvised -
4755.034	PLOT SCALE = 1:20	DRAWN - ZCW	REvised -
Default	CHECKED - KLB	DATE - 11/16/2018	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

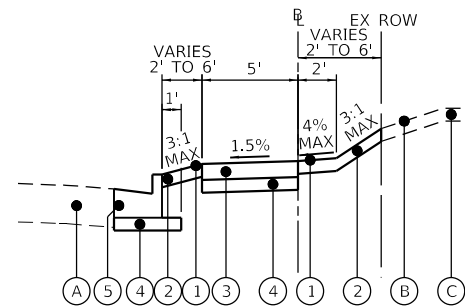
SCHEDULE OF QUANTITIES			
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. _____	TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	8
CONTRACT NO. 61F79				
ILLINOIS FED. AID PROJECT				



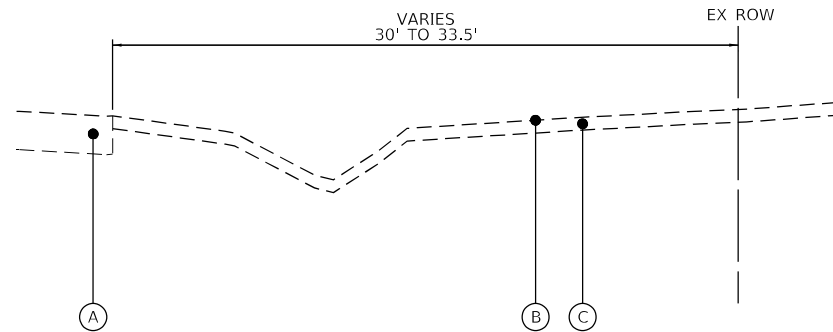
EXISTING TYPICAL SECTION

B.O.P. TO STA. 14+16.29
 STA. 17+37.36 TO STA. 22+91.53
 STA. 24+20.90 TO STA. E.O.P.



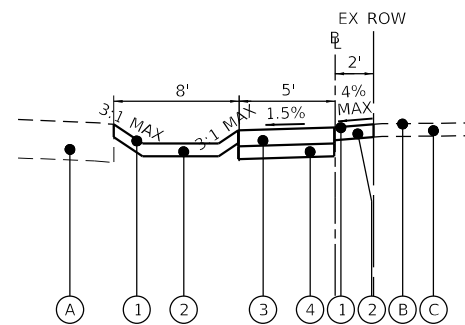
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STA. 12+53.39 TO STA. 13+53.00



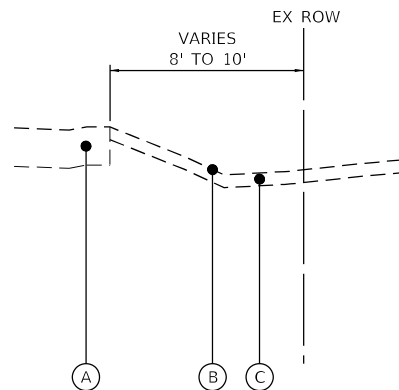
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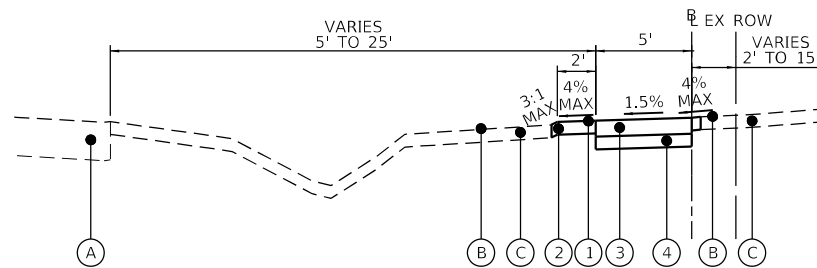
PROPOSED TYPICAL SECTION

STA. 13+53.00 TO STA. 14+16.29



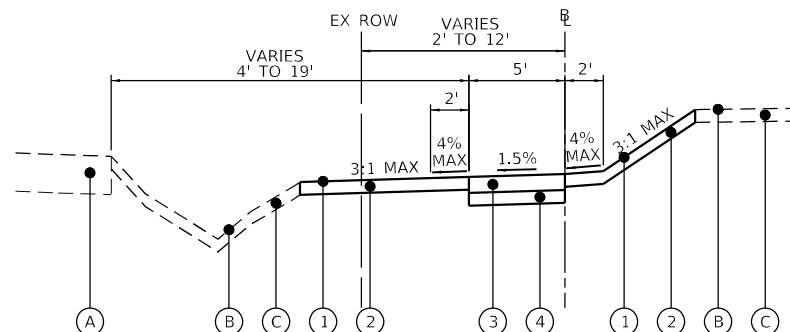
EXISTING TYPICAL SECTION

STA. 22+91.53 TO STA. 24+20.90



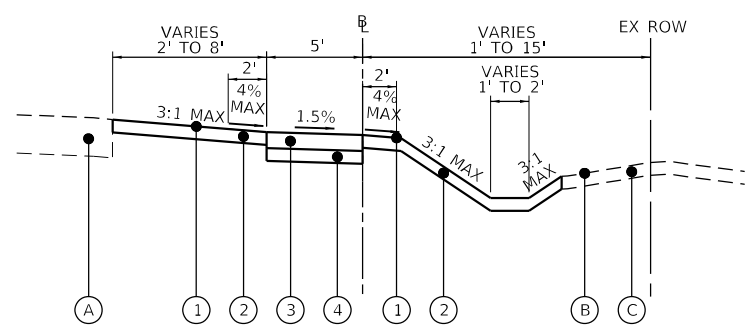
PROPOSED TYPICAL SECTION

STA. 14+16.29 TO STA. 17+37.36
 STA. 19+53.12 TO STA. 22+91.53



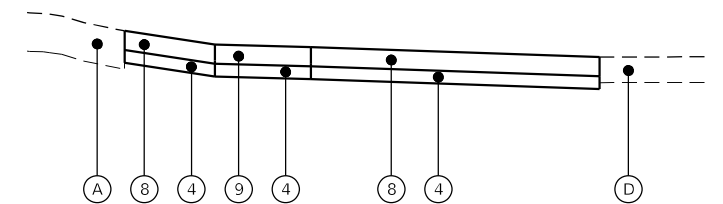
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B.O.P. TO STA. 12+53.39

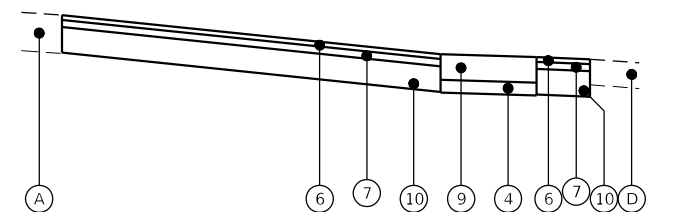


PROPOSED TYPICAL SECTION

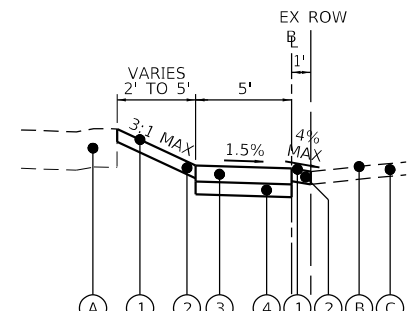
STA. 17+37.36 TO STA. 19+53.12
 STA. 24+20.90 TO STA. E.O.P.



PROPOSED P.C.C. DRIVEWAY DETAIL



PROPOSED HMA DRIVEWAY DETAIL



PROPOSED TYPICAL SECTION

STA. 22+91.53 TO STA. 24+20.90

LEGEND

- (A) EXISTING PAVEMENT
- (B) EXISTING GROUND
- (C) EXISTING TOPSOIL, 4"
- (D) EXISTING DRIVEWAY
- (1) PROPOSED RESTORATION (SODDING AND NUTRIENTS)
- (2) PROPOSED TOPSOIL, 4"
- (3) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (4) AGGREGATE BASE COURSE, TYPE B 4"
- (5) PROPOSED CURB & GUTTER, B6.24
- (6) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1-1/2"
- (7) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- (8) PROPOSED PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (9) PORTLAND CEMENT CONCRETE SIDEWALK 8"
- (10) AGGREGATE BASE COURSE, TYPE B 8"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HMA SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 1 3/4"	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50, (IL-9.5mm), 3/4"	4% @ 50 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 1-1/2"	4% @ 50 GYR.
HMA BINDER COURSE, IL-19.0, N50, 2-1/4"	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/50 YD/IN.

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 DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = D:\12345-TYP.dgn	USER NAME = mcobb	DESIGNED - MAC	REVISED -
4755.034	PLOT SCALE = 1:5	DRAWN - PJS	REVISED -
Default	PLOT DATE = 6/24/2019	CHECKED - KLB	REVISED -
		DATE - 11/16/2018	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	9
				CONTRACT NO. 61F79
ILLINOIS FED. AID PROJECT				



STATION	DISTANCE	EARTH EXCAVATION END AREAS (SQ FT)		TOPSOIL PLACEMENT (SQ FT)		UNSUITABLE EXCAVATION (SQ FT)	EARTH EXCAVATION AVERAGE END AREA (SQ FT)		TOPSOIL PLACEMENT AVERAGE END AREA (SQ FT)		UNSUITABLE EXCAVATION AVG END AREA (SQ FT)	EARTH EXCAVATION SECTION VOLUMES (CU YD)		TOPSOIL PLACEMENT SECTION VOLUMES (CU YD)		UNSUITABLE EXCAVATION CUMULATIVE VOLUMES (CU YD)	EARTH EXCAVATION CUMULATIVE VOLUMES (CU YD)		TOPSOIL PLACEMENT CUMULATIVE VOLUMES (CU YD)		CUMULATIVE EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CUMULATIVE TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	
		CUT	FILL	CUT	FILL		CUT	FILL	CUT	FILL		CUT	FILL	CUT	FILL		CUT	FILL	CUT	FILL			CUT
10+00.00		2.75	0.07	2.72	0.98																		
10+25.00	25.00	6.83	0.74	6.25	4.51		4.79	0.41	4.49	2.75	0.00	4.44	0.38	4.15	2.54	0.00	4.44	0.38	4.15	2.54		4.06	1.61
10+50.00	25.00	6.62	0.51	6.74	5.02		6.73	0.63	6.50	4.77	0.00	6.23	0.58	6.01	4.41	0.00	10.66	0.95	10.17	6.95		9.71	3.21
10+75.00	25.00	5.57	0.8	7.9	6.16		6.10	0.66	7.32	5.59	0.00	5.64	0.61	6.78	5.18	0.00	16.31	1.56	16.94	12.13		14.75	4.81
11+00.00	25.00	1.78	2.14	6.47	4.73		3.68	1.47	7.19	5.45	0.00	3.40	1.36	6.65	5.04	0.00	19.71	2.92	23.60	17.17		16.79	6.43
11+25.00	25.00	7.77	0.36	7.67	5.94		4.78	1.25	7.07	5.34	0.00	4.42	1.16	6.55	4.94	0.00	24.13	4.08	30.14	22.11		20.05	8.03
11+50.00	25.00	6.13	0.17	0	0.00		6.95	0.27	3.84	2.97	0.00	6.44	0.25	3.55	2.75	0.00	30.56	4.32	33.69	24.86		26.24	8.83
11+75.00	25.00	1.93	0	1.67	0.00		4.03	0.09	0.84	0.00	0.00	3.73	0.08	0.77	0.00	0.00	34.30	4.40	34.47	24.86		29.89	9.61
12+00.00	25.00	24.15	0.07	6.93	5.19		13.04	0.04	4.30	2.60	0.00	12.07	0.03	3.98	2.40	0.00	46.37	4.44	38.45	27.26		41.94	11.19
12+25.00	25.00	12.68	0.07	5.08	3.34		18.42	0.07	6.01	4.27	0.00	17.05	0.06	5.56	3.95	0.00	63.42	4.50	44.01	31.21		58.92	12.80
12+50.00	25.00	3.20	4.75	4.67	2.14		7.94	2.41	4.88	2.74	0.00	7.35	2.23	4.51	2.54	0.00	70.77	6.73	48.52	33.75		64.04	14.77
12+75.00	25.00	3.70	4.66	4.85	2.32		3.45	4.71	4.76	2.23	0.00	3.19	4.36	4.41	2.06	0.00	73.97	11.09	52.93	35.81		62.88	17.12
13+00.00	25.00	1.71	8.05	4	1.47		2.71	6.36	4.43	1.90	0.00	2.50	5.88	4.10	1.75	0.00	76.47	16.97	57.03	37.57		59.50	19.46
13+25.00	25.00	1.68	11.68	4.5	1.97		1.70	9.87	4.25	1.72	0.00	1.57	9.13	3.94	1.59	0.00	78.04	26.11	60.96	39.16		51.94	21.80
13+50.00	25.00	1.69	13.73	5.23	2.69		1.69	12.71	4.87	2.33	0.00	1.56	11.76	4.50	2.16	0.00	79.60	37.87	65.47	41.32		41.73	24.15
13+75.00	25.00	4.89	0.22	5.24	3.54		3.29	6.98	5.24	3.12	0.00	3.05	6.46	4.85	2.88	0.00	82.65	44.33	70.31	44.20		38.32	26.11
13+94.87	19.87	5.08	0.17	0	0.00		4.99	0.20	2.62	1.77	0.00	3.67	0.14	1.93	1.30	0.00	86.32	44.47	72.24	45.51		41.84	26.74
14+00.00	5.13	5.08	0.1	0.03	0.00		5.00	0.14	0.02	0.00	0.00	0.97	0.03	0.00	0.00	0.00	87.28	44.50	72.25	45.51		42.78	26.74
14+25.00	25.00	3.91	0.1	4.66	2.92		4.50	0.10	2.35	1.46	0.00	4.16	0.09	2.17	1.35	0.00	91.44	44.59	74.42	46.86		46.85	27.56
14+50.00	25.00	1.82	0.21	2.89	1.15		2.87	0.16	3.78	2.04	0.00	2.65	0.14	3.50	1.88	0.00	94.10	44.73	77.91	48.74		49.36	29.17
14+57.36	7.36	6.56	0.13	0	0.00		4.19	0.17	1.45	0.58	0.00	1.14	0.05	0.39	0.16	0.00	95.24	44.78	78.31	48.90		50.46	29.41
14+75.00	17.64	1.88	0.35	3.33	1.60		4.22	0.24	1.67	0.80	0.00	2.76	0.16	1.09	0.52	0.00	98.00	44.94	79.39	49.42		53.06	29.97
15+00.00	25.00	4.08	0.07	5.49	3.75		4.98	0.21	4.41	2.68	0.00	2.76	0.19	4.08	2.48	0.00	100.76	45.13	83.48	51.90		55.62	31.58
15+25.00	25.00	5.75	0.07	4.79	3.05		4.92	0.07	5.14	3.40	0.00	4.55	0.06	4.76	3.15	0.00	105.31	45.20	88.24	55.05		60.11	33.19
15+50.00	25.00	4.87	0.07	4.57	2.83		5.31	0.07	4.68	2.94	0.00	4.92	0.06	4.33	2.72	0.00	110.22	45.26	92.57	57.77		64.96	34.80
15+75.00	25.00	10.34	0.13	0	0.00		7.61	0.10	2.29	1.42	0.00	7.04	0.09	2.12	1.31	0.00	117.26	45.35	94.69	59.08		71.91	35.61
15+80.09	5.09	10.52	0.13	0	0.00		10.43	0.13	0.00	0.00	0.00	1.97	0.02	0.00	0.00	0.00	119.23	45.38	94.69	59.08		73.85	35.61
16+00.00	19.91	5.26	2.96	6.73	5.00		7.89	1.55	3.37	2.50	0.00	5.82	1.14	2.48	1.84	0.00	125.05	46.52	97.17	60.92		78.53	36.24
16+25.00	25.00	2.36	0.09	3.2	1.46		3.81	1.53	4.97	3.23	0.00	3.53	1.41	4.60	2.99	0.00	128.58	47.93	101.76	63.91		80.65	37.85
16+50.00	25.00	2.28	0.07	2.5	0.76		2.32	0.08	2.85	1.11	0.00	2.15	0.07	2.64	1.03	0.00	130.72	48.00	104.40	64.94		82.72	39.46
16+75.00	25.00	2.06	0.09	2.27	0.51		2.17	0.08	2.39	0.64	0.00	2.01	0.07	2.21	0.59	0.00	132.73	48.08	106.61	65.53		84.66	41.08
17+00.00	25.00	0.03	1.55	3.46	1.73		1.05	0.82	2.87	1.12	0.00	0.97	0.76	2.65	1.04	0.00	133.70	48.84	109.26	66.57		84.86	42.70
17+19.03	19.03	9.81	0.17	0	0.00		4.92	0.86	1.73	0.87	0.00	3.47	0.61	1.22	0.61	0.00	137.17	49.44	110.48	67.18		87.73	43.31
17+25.00	5.97	10.13	0.17	0	0.00		9.97	0.17	0.00	0.00	0.00	2.20	0.04	0.00	0.00	0.00	139.37	49.48	110.48	67.18		89.89	43.31
17+50.00	25.00	6.14	0.07	5.95	4.21		8.14	0.12	2.98	2.11	0.00	7.53	0.11	2.75	1.95	0.00	146.91	49.59	113.24	69.12		97.31	44.11
17+75.00	25.00	3.36	0.07	3.2	1.47		4.75	0.07	4.58	2.84	0.00	4.40	0.06	4.24	2.63	0.00	151.30	49.66	117.47	71.75		101.65	45.72
18+00.00	25.00	7.62	0.83	5.94	4.21		5.49	0.45	4.57	2.84	0.00	5.08	0.42	4.23	2.63	0.00	156.39	50.07	121.71	74.38		106.31	47.32
18+25.00	25.00	0.50	8.3	5.74	4.01		4.06	4.57	5.84	4.11	0.00	3.76	4.23	5.41	3.81	0.00	160.15	54.30	127.11	78.19		105.85	48.92
18+50.00	25.00	6.13	0.17	0	0.00		3.32	4.24	2.87	2.01	0.00	3.07	3.92	2.66	1.86	0.00	163.22	58.22	129.77	80.05		104.99	49.72
18+51.23	1.23	6.81	0.13	0	0.00		6.47	0.15	0.00	0.00	0.00	0.29	0.01	0.00	0.00	0.00	163.51	58.23	129.77	80.05		105.28	49.72
18+68.61	17.38	7.48	0.13	0	0.00		7.15	0.13	0.00	0.00	0.00	4.60	0.08	0.00	0.00	0.00	168.11	58.31	129.77	80.05		109.80	49.72
18+75.00	6.39	6.21	0.9	2.79	1.21		6.85	0.52	1.40	0.61	0.00	1.62	0.12	0.33	0.14	0.00	169.73	58.43	130.10	80.19		111.30	49.91
19+00.00	25.00	7.52	1.51	7.87	6.13		6.87	1.21	5.33	3.67	0.00	6.36	1.12	4.94	3.40	0.00	176.09	59.55	135.04	83.59		116.54	51.45
19+25.00	25.00	6.05	2.85	8.47	6.73		6.79	2.18	8.17	6.43	0.00	6.28	2.02	7.56	5.95	0.00	182.37	61.57	142.60	89.54		120.80	53.06
19+50.00	25.00	1.08	1.77	4.41	2.67		3.57	2.31	6.44	4.70	0.00	3.30	2.14	5.96	4.35	0.00	185.67	63.71	148.56	93.89		121.96	54.67
19+75.00	25.00	1.19	0.24	2.57	0.83		1.14	1.01	3.49	1.75	0.00	1.05	0.93	3.23	1.62	0.00	186.72	64.64	151.80	95.51		122.08	56.28
19+97.72	22.72	0.00	4.31	0	0.00		0.60	2.28	1.29	0.42	0.00	0.50	1.91	1.08	0.35	0.00	187.22	66.55	152.88	95.86		120.67	57.01
20+00.00	2.28	2.30	2.87	0.06	0.67		1.15	3.59	0.03	0.34	0.00	0.10	0.30	0.00	0.03	0.00	187.32	66.86	152.88	95.89		120.46	56.99
20+25.00	25.00	8.58	0.64	8.82	7.07		5.44	1.76	4.44	3.87	0.00	5.04	1.63	4.11	3.58	0.00	192.36	68.48	156.99	99.47		123.88	57.52
20+50.00	25.00	4.17	0.2	7.52	5.78		6.38	0.42	8.17	6.43	0.00	5.90	0.39	7.56	5.95	0.00	198.26	68.87	164.56	105.42		129.39	59.13
20+75.00	25.00	5.24	1.14	7.1	5.36		4.71	0.67	7.31	5.57	0.00	4.36	0.62	6.77	5.16	0.00	202.62	69.49	171.32	110.58		133.13	60.74
21+00.00	25.00	9.21	0.07	6.67	4.94		7.23	0.61	6.89	5.15	0.00	6.69	0.56	6.38	4.77	0.00	209.31	70.05	177.70	115.35		139.26	62.35
21+25.00	25.00	4.37	0.07	3.67	1.93		6.79	0.07	5.17	3.44	0.00	6.29	0.06	4.79	3.18	0.00	215.59	70.11	182.49	118.53		145.48	63.96
21+45.58	20.58	12.25	0	0	0.00		8.31	0.04	1.84	0.97	0.00	6.33	0.03	1.40	0.74								

PROP. CURVE PRSWCURREV01
 PI STA. = 12+12.51
 $\Delta = 26^\circ 52' 27''$ (LT)
 $D = 381^\circ 58' 19''$
 $R = 15.00'$
 $T = 3.58'$
 $L = 7.04'$
 $E = 0.42'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 12+08.93
 P.T. STA. = 12+15.96

PROP. CURVE PRSWCURREV02
 PI STA. = 12+44.36
 $\Delta = 26^\circ 15' 30''$ (RT)
 $D = 572^\circ 57' 28''$
 $R = 10.00'$
 $T = 2.33'$
 $L = 4.58'$
 $E = 0.27'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 12+42.03
 P.T. STA. = 12+46.61

PROP. CURVE PRSWCURREV02A
 PI STA. = 13+09.80
 $\Delta = 21^\circ 31' 17''$ (RT)
 $D = 572^\circ 57' 28''$
 $R = 10.00'$
 $T = 1.90'$
 $L = 3.76'$
 $E = 0.18'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 13+07.90
 P.T. STA. = 13+11.65

PROP. CURVE PRSWCURREV02B
 PI STA. = 13+20.45
 $\Delta = 20^\circ 45' 33''$ (LT)
 $D = 381^\circ 58' 19''$
 $R = 15.00'$
 $T = 2.75'$
 $L = 5.43'$
 $E = 0.25'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 13+17.70
 P.T. STA. = 13+23.14

PROP. CURVE PRSWCURREV03
 PI STA. = 14+18.99
 $\Delta = 29^\circ 48' 15''$ (RT)
 $D = 572^\circ 57' 28''$
 $R = 10.00'$
 $T = 2.66'$
 $L = 5.20'$
 $E = 0.35'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 14+16.33
 P.T. STA. = 14+21.53

PROP. CURVE PRSWCURREV04
 PI STA. = 14+44.39
 $\Delta = 29^\circ 48' 15''$ (RT)
 $D = 381^\circ 58' 19''$
 $R = 15.00'$
 $T = 3.99'$
 $L = 7.80'$
 $E = 0.52'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 14+40.39
 P.T. STA. = 14+48.20

PROP. CURVE PRSWCURREV07A
 PI STA. = 15+41.06
 $\Delta = 21^\circ 39' 06''$ (LT)
 $D = 381^\circ 58' 19''$
 $R = 15.00'$
 $T = 2.87'$
 $L = 5.67'$
 $E = 0.27'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 15+38.19
 P.T. STA. = 15+43.86

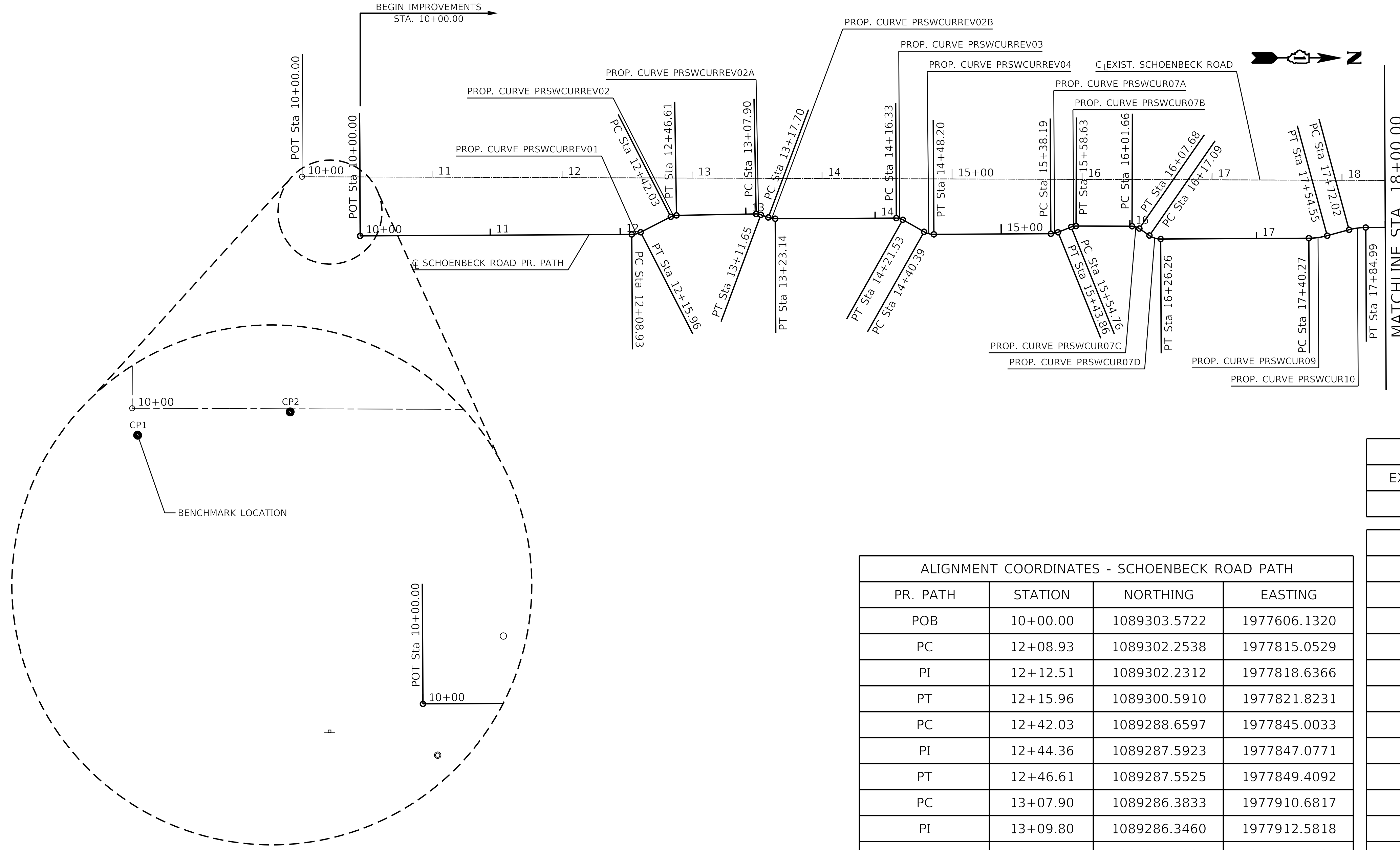
PROP. CURVE PRSWCURREV07B
 PI STA. = 15+56.72
 $\Delta = 22^\circ 09' 07''$ (RT)
 $D = 572^\circ 57' 28''$
 $R = 10.00'$
 $T = 1.96'$
 $L = 3.87'$
 $E = 0.19'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 15+54.76
 P.T. STA. = 15+58.63

PROP. CURVE PRSWCURREV07C
 PI STA. = 16+04.76
 $\Delta = 34^\circ 32' 15''$ (RT)
 $D = 572^\circ 57' 28''$
 $R = 10.00'$
 $T = 3.11'$
 $L = 6.03'$
 $E = 0.47'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 16+01.66
 P.T. STA. = 16+07.68

PROP. CURVE PRSWCURREV07D
 PI STA. = 16+21.82
 $\Delta = 35^\circ 02' 16''$ (LT)
 $D = 381^\circ 58' 19''$
 $R = 15.00'$
 $T = 4.73'$
 $L = 9.17'$
 $E = 0.73'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 16+17.09
 P.T. STA. = 16+26.26

PROP. CURVE PRSWCURREV09
 PI STA. = 17+47.45
 $\Delta = 14^\circ 52' 12''$ (LT)
 $D = 104^\circ 10' 27''$
 $R = 55.00'$
 $T = 7.18'$
 $L = 14.27'$
 $E = 0.42'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 17+40.27
 P.T. STA. = 17+54.55

PROP. CURVE PRSWCURREV10
 PI STA. = 17+78.54
 $\Delta = 14^\circ 52' 12''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 6.52'$
 $L = 12.98'$
 $E = 0.42'$
 $e = NC$
 T.R. = N.A.
 S.E. RUN = N.A.
 P.C. STA. = 17+72.02
 P.T. STA. = 17+84.99



ALIGNMENT COORDINATES - SCHOENBECK ROAD			
EXIST. ROAD	STATION	NORTHING	EASTING
POB	10+00.00	1089258.1231	1977561.3461

ALIGNMENT COORDINATES - SCHOENBECK ROAD PATH			
PR. PATH	STATION	NORTHING	EASTING
PT	14+48.20	1089301.9684	1978047.4183
PC	15+38.19	1089301.4005	1978137.4102
PI	15+41.06	1089301.1157	1978140.2259
PT	15+43.86	1089300.3072	1978142.9379
PC	15+54.76	1089296.2204	1978153.0465
PI	15+56.72	1089295.6730	1978154.8974
PT	15+58.63	1089295.4914	1978156.8189
PC	16+01.66	1089295.5955	1978199.8468
PI	16+04.76	1089296.0534	1978202.8143
PT	16+07.68	1089297.3716	1978205.5120
PC	16+17.09	1089302.7222	1978213.2460
PI	16+21.82	1089304.7189	1978217.3551
PT	16+26.26	1089305.3862	1978221.8747
PC	17+40.27	1089304.6667	1978335.8830
PI	17+47.45	1089304.1594	1978342.9969
PT	17+54.55	1089302.7358	1978349.9854
PC	17+72.02	1089298.1456	1978366.8434
PI	17+78.54	1089296.8515	1978373.1966
PT	17+84.99	1089296.3903	1978379.6638

ALIGNMENT COORDINATES - SCHOENBECK ROAD PATH			
PR. PATH	STATION	NORTHING	EASTING
POB	10+00.00	1089303.5722	1977606.1320
PC	12+08.93	1089302.2538	1977815.0529
PI	12+12.51	1089302.2312	1977818.6366
PT	12+15.96	1089300.5910	1977821.8231
PC	12+42.03	1089288.6597	1977845.0033
PI	12+44.36	1089287.5923	1977847.0771
PT	12+46.61	1089287.5525	1977849.4092
PC	13+07.90	1089286.3833	1977910.6817
PI	13+09.80	1089286.3460	1977912.5818
PT	13+11.65	1089287.0084	1977914.3632
PC	13+17.70	1089289.1172	1977920.0343
PI	13+20.45	1089290.0748	1977922.6096
PT	13+23.14	1089290.0575	1977925.3570
PC	14+16.33	1089289.4694	1978018.5473
PI	14+18.99	1089289.7895	1978021.1210
PT	14+21.53	1089290.7607	1978023.5259
PC	14+40.39	1089300.0314	1978039.9504
PI	14+44.39	1089301.4882	1978043.5576

BENCHMARK CP-1 DESCRIPTION	
LOCATION	CENTERLINE OF CAMP McDONALD ROAD AND SCHOENBECK ROAD
TYPE OF MARKER	BRASS CAP
NORTHING	1089262.2700
EASTING	1977562.1900
NAVD 88 ELEVATION	671.53 (AS PROVIDED BY CLIENT)

GHA GEWALT HAMILTON ASSOCIATES, INC.

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 PLOT DATE = 5/21/2019

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 DATE - 11/16/2018

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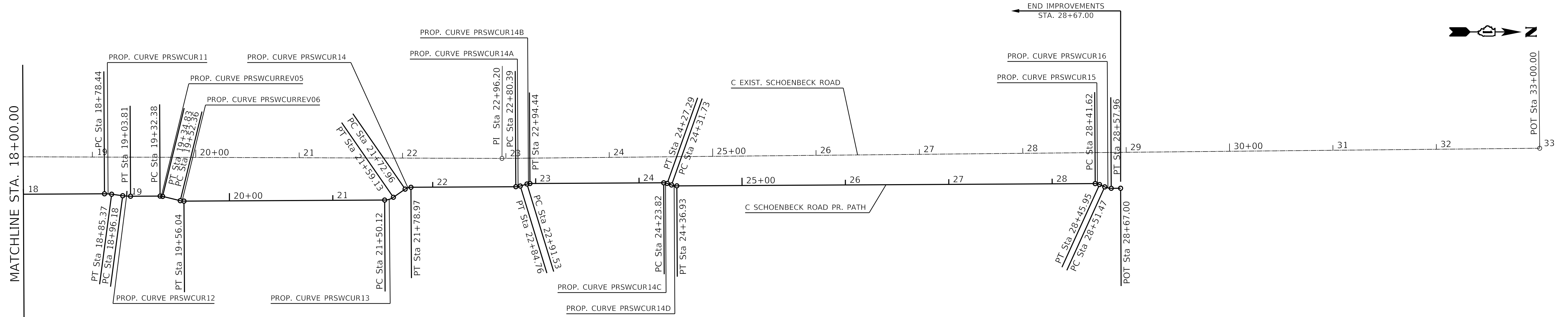
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARK
 SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. B.O.P. TO STA. 18+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	11

CONTRACT NO. 61F79
 ILLINOIS FED. AID PROJECT

PROP. CURVE PRSWCUR11 PI STA. = 18+81.91 Δ = 7° 56' 25" (RT) D = 114° 35' 30" R = 50.00' T = 3.47' L = 6.93' E = 0.12' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 18+78.44 P.T. STA. = 18+85.37	PROP. CURVE PRSWCUR12 PI STA. = 19+00.00 Δ = 7° 56' 25" (LT) D = 104° 10' 27" R = 55.00' T = 3.82' L = 7.62' E = 0.13' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 18+96.18 P.T. STA. = 19+03.81	PROP. CURVE PRSWCURREV05 PI STA. = 19+33.61 Δ = 14° 02' 10" (RT) D = 572° 57' 28" R = 10.00' T = 1.23' L = 2.45' E = 0.08' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 19+32.38 P.T. STA. = 19+34.83	PROP. CURVE PRSWCURREV06 PI STA. = 19+54.21 Δ = 14° 02' 10" (LT) D = 381° 58' 19" R = 15.00' T = 1.85' L = 3.67' E = 0.11' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 19+52.36 P.T. STA. = 19+56.04	PROP. CURVE PRSWCUR13 PI STA. = 21+54.77 Δ = 34° 26' 26" (LT) D = 381° 58' 19" R = 15.00' T = 4.65' L = 9.02' E = 0.70' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 21+50.12 P.T. STA. = 21+59.13	PROP. CURVE PRSWCUR14 PI STA. = 21+76.06 Δ = 34° 26' 26" (RT) D = 572° 57' 28" R = 10.00' T = 3.10' L = 6.01' E = 0.47' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 21+72.96 P.T. STA. = 21+78.97	PROP. CURVE PRSWCUR14A PI STA. = 22+82.59 Δ = 16° 41' 50" (LT) D = 381° 58' 19" R = 15.00' T = 2.20' L = 4.37' E = 0.16' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 22+80.39 P.T. STA. = 22+84.76	PROP. CURVE PRSWCUR14B PI STA. = 22+93.00 Δ = 16° 41' 50" (RT) D = 572° 57' 28" R = 10.00' T = 1.47' L = 2.91' E = 0.11' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 22+91.53 P.T. STA. = 22+94.44	PROP. CURVE PRSWCUR14C PI STA. = 24+25.57 Δ = 19° 53' 15" (RT) D = 572° 57' 28" R = 10.00' T = 1.75' L = 3.47' E = 0.15' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 24+23.82 P.T. STA. = 24+27.29	PROP. CURVE PRSWCUR14D PI STA. = 24+34.35 Δ = 19° 53' 15" (LT) D = 381° 58' 19" R = 15.00' T = 2.63' L = 5.21' E = 0.23' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 24+31.73 P.T. STA. = 24+36.93	PROP. CURVE PRSWCUR15 PI STA. = 28+43.82 Δ = 24° 47' 35" (RT) D = 572° 57' 28" R = 10.00' T = 2.20' L = 4.33' E = 0.24' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 28+41.62 P.T. STA. = 28+45.95	PROP. CURVE PRSWCUR16 PI STA. = 28+54.77 Δ = 24° 47' 35" (LT) D = 381° 58' 19" R = 15.00' T = 3.30' L = 6.49' E = 0.36' e = NC T.R. = N.A. S.E. RUN = N.A. P.C. STA. = 28+51.47 P.T. STA. = 28+57.96
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ALIGNMENT COORDINATES - SCHOENBECK ROAD PATH			
PR. PATH	STATION	NORTHING	EASTING
PC	18+78.44	1089295.8005	1978473.1120
PI	18+81.91	1089295.8987	1978476.5745
PT	18+85.37	1089296.2363	1978480.0220
PC	18+96.18	1089297.6620	1978490.7373
PI	19+00.00	1089298.0334	1978494.5296
PT	19+03.81	1089298.1414	1978498.3384
PC	19+32.38	1089297.9611	1978526.9090
PI	19+33.61	1089298.0283	1978528.1313
PT	19+34.83	1089298.2444	1978529.3362
PC	19+52.36	1089302.3905	1978546.3770
PI	19+54.21	1089302.7145	1978548.1843
PT	19+56.04	1089302.8154	1978550.0177
PC	21+50.12	1089301.5906	1978744.0916
PI	21+54.77	1089300.8902	1978748.5280
PT	21+59.13	1089298.9078	1978752.5581
PC	21+72.96	1089291.0187	1978763.9083
PI	21+76.06	1089289.6971	1978766.5950
PT	21+78.97	1089289.2301	1978769.5526

ALIGNMENT COORDINATES - SCHOENBECK ROAD PATH			
PR. PATH	STATION	NORTHING	EASTING
PC	22+80.39	1089288.5901	1978870.9692
PI	22+82.59	1089288.4174	1978873.1461
PT	22+84.76	1089287.9305	1978875.2749
PC	22+91.53	1089285.9437	1978881.7496
PI	22+93.00	1089285.6190	1978883.1688
PT	22+94.44	1089285.5039	1978884.6200
PC	24+23.82	1089284.6875	1979013.9915
PI	24+25.57	1089284.8268	1979015.7192
PT	24+27.29	1089285.2624	1979017.3969
PC	24+31.73	1089286.7451	1979021.5779
PI	24+34.35	1089287.3985	1979024.0945
PT	24+36.93	1089287.6074	1979026.6861
PC	28+41.62	1089285.0536	1979431.3706
PI	28+43.82	1089285.2732	1979433.5188
PT	28+45.95	1089285.9489	1979435.5698
PC	28+51.47	1089288.2321	1979440.5958
PI	28+54.77	1089289.2455	1979443.6722
PT	28+57.96	1089289.5749	1979446.8945
POT	28+67.00	1089289.5179	1979455.9276

ALIGNMENT COORDINATES - SCHOENBECK ROAD			
EXIST. ROAD	STATION	NORTHING	EASTING
PI	22+96.20	1089261.2594	1978857.5439
POT	33+00.00	1089250.4761	1979861.2844



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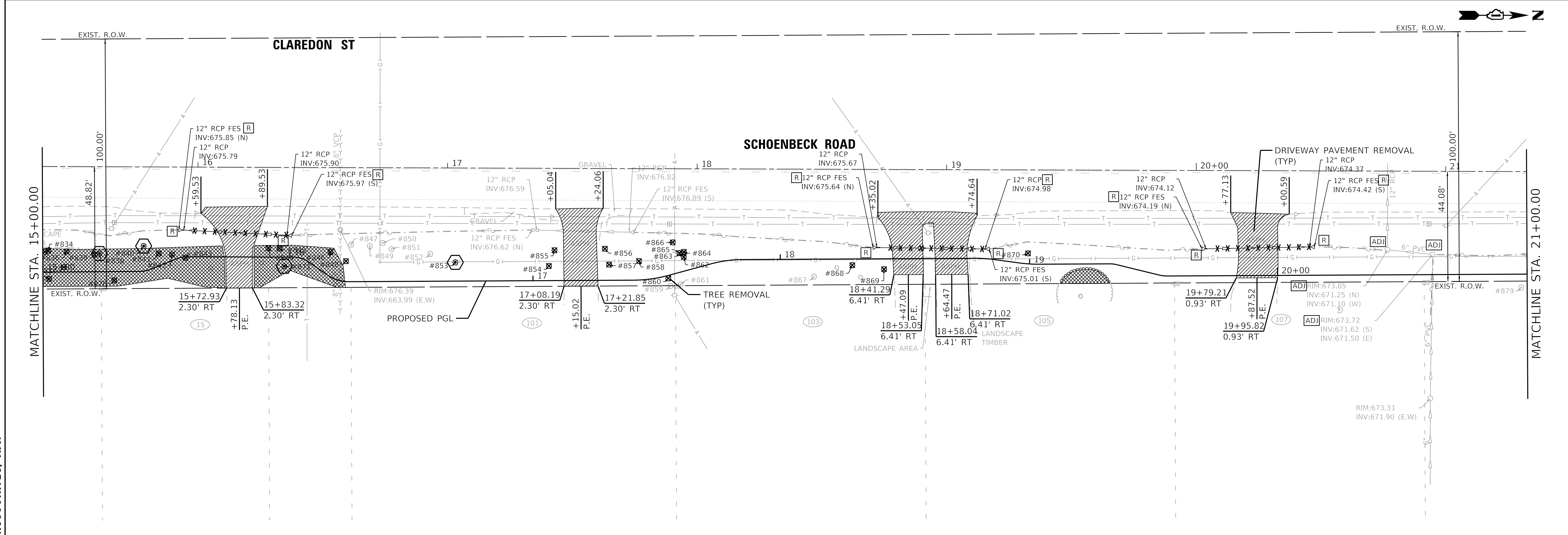
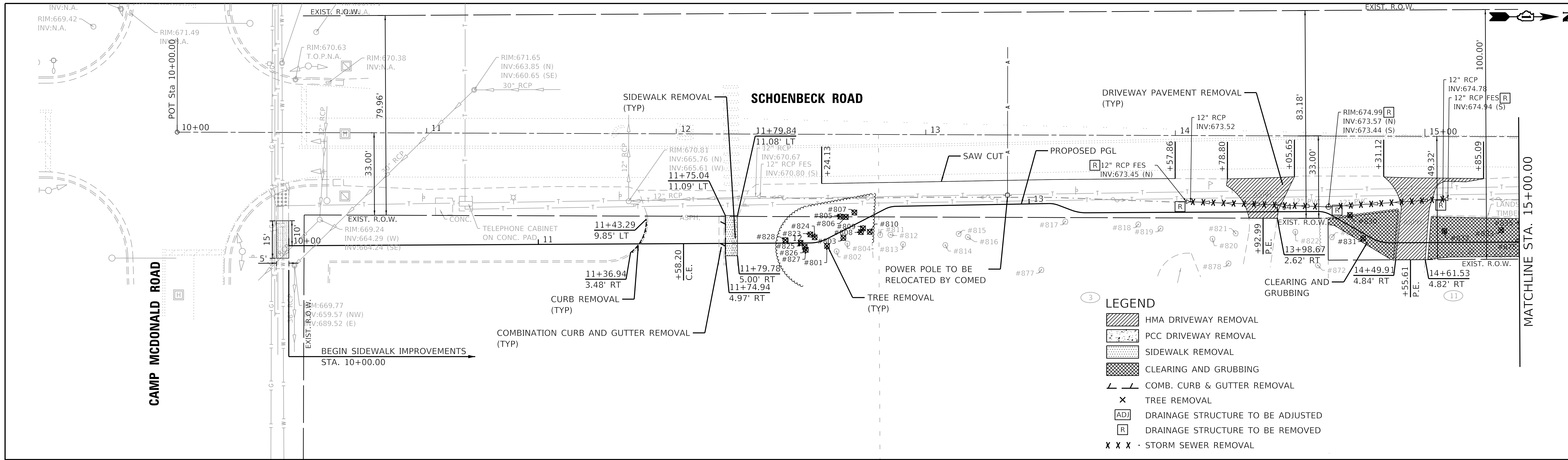
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARK
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: 1"=50'
SHEET 2 OF 2 SHEETS
STA. 18+00 TO STA. E.O.P.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	12
CONTRACT NO. 61F79				
ILLINOIS FED. AID PROJECT				



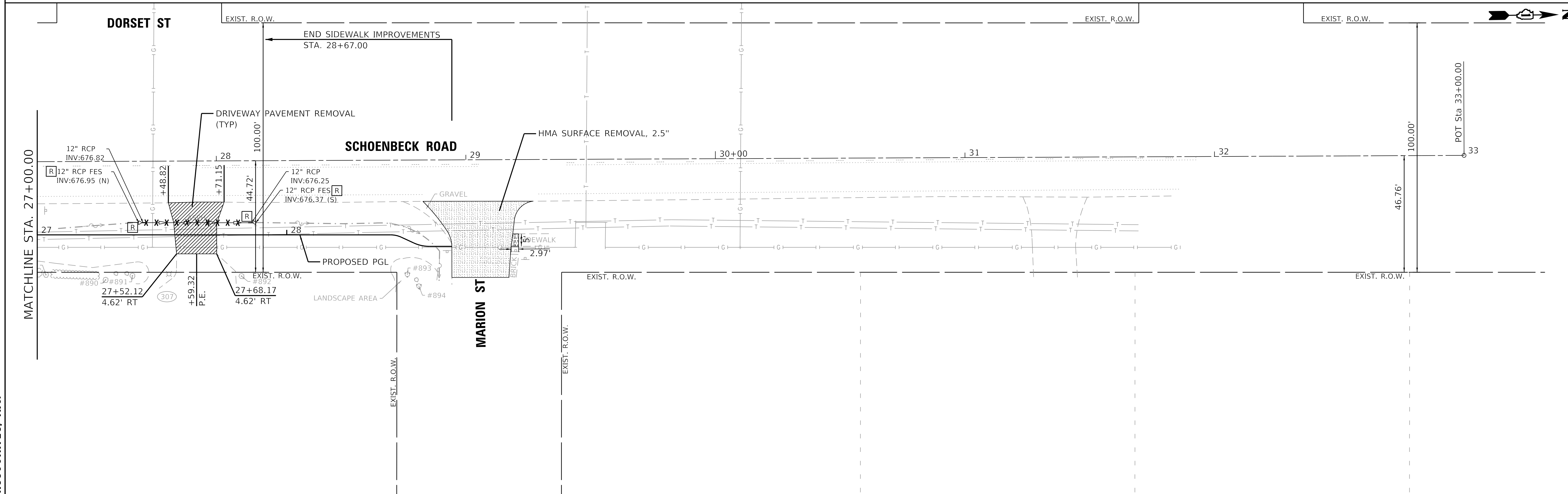
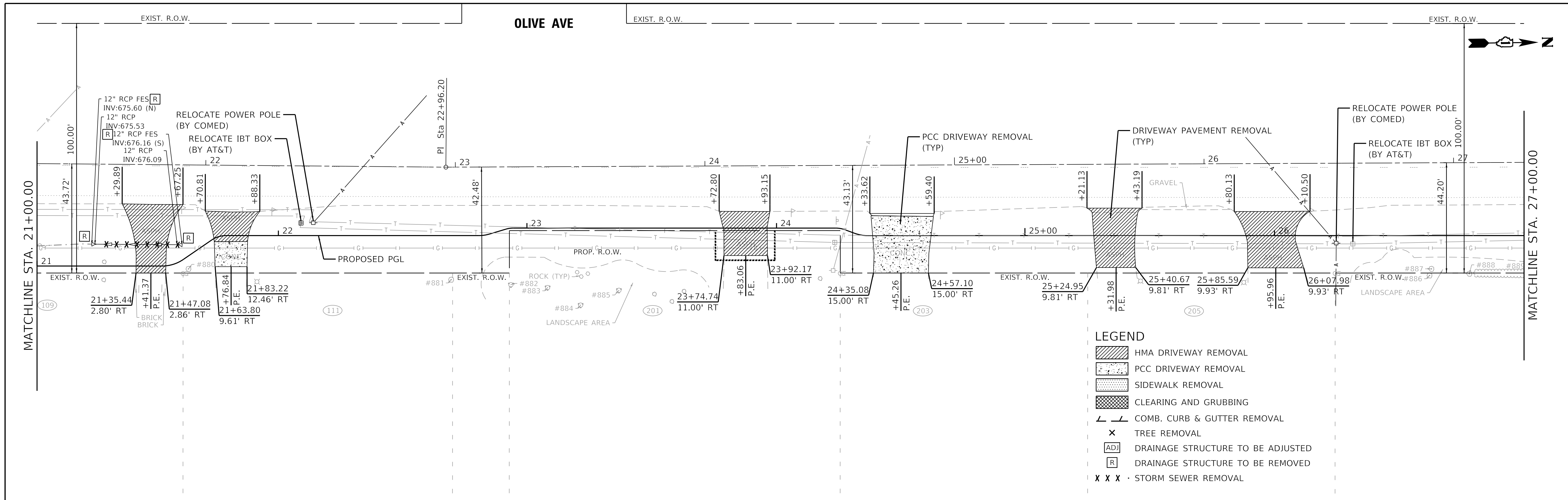
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	PLOT DATE = 5/21/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. B.O.P. TO STA. 21+00

F.A.U. RTE. 2673	SECTION 15-00052-00-SW	COUNTY COOK	TOTAL SHEETS 47	SHEET NO. 13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F79	



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

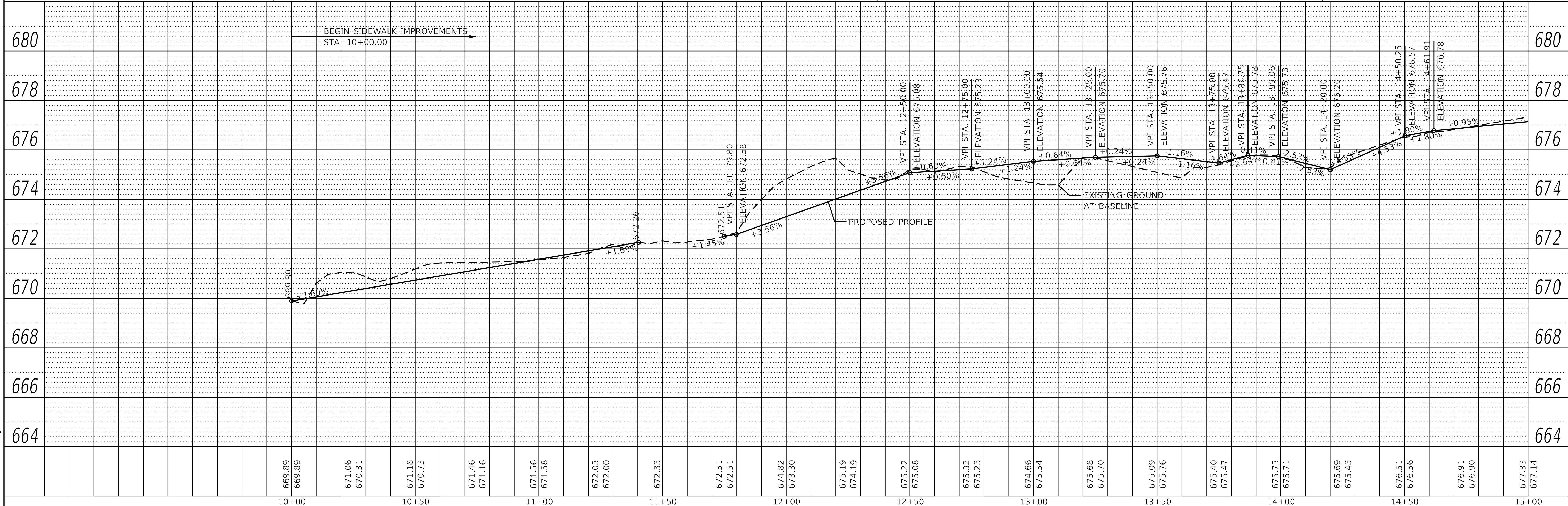
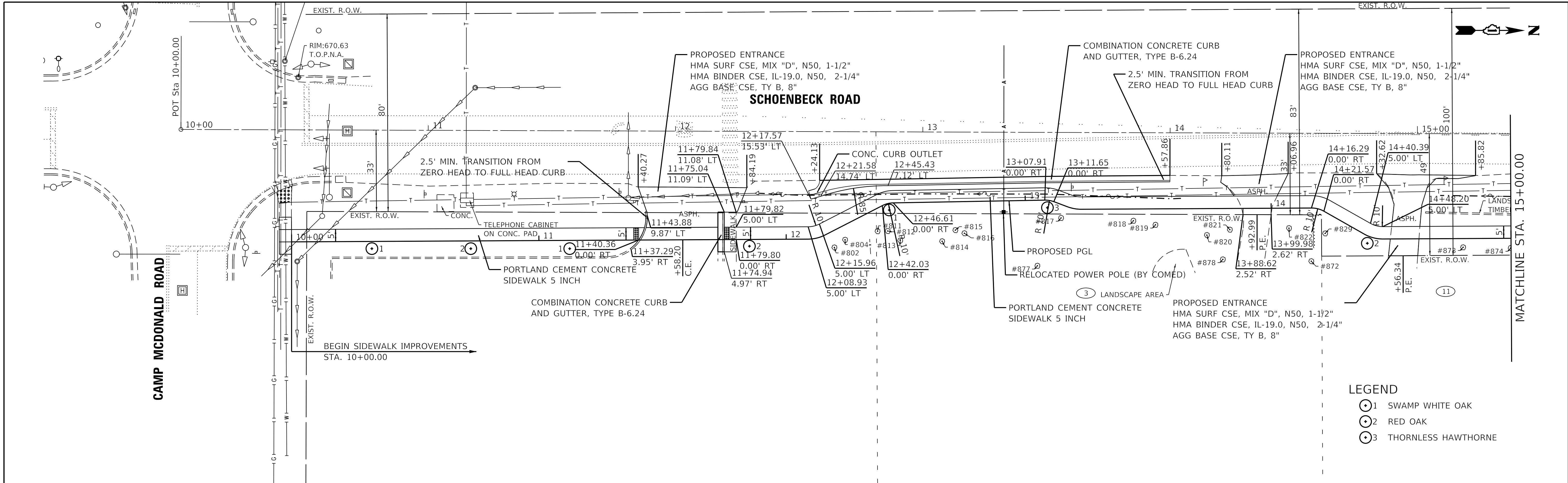
**REMOVAL PLAN
 SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 21+00 TO STA. E.O.P.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	14
				CONTRACT NO. 61F79
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNED	DATE
	CHECKED	BY
NO.	FILE NAME	
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PROFILE	SURVEYED	DATE
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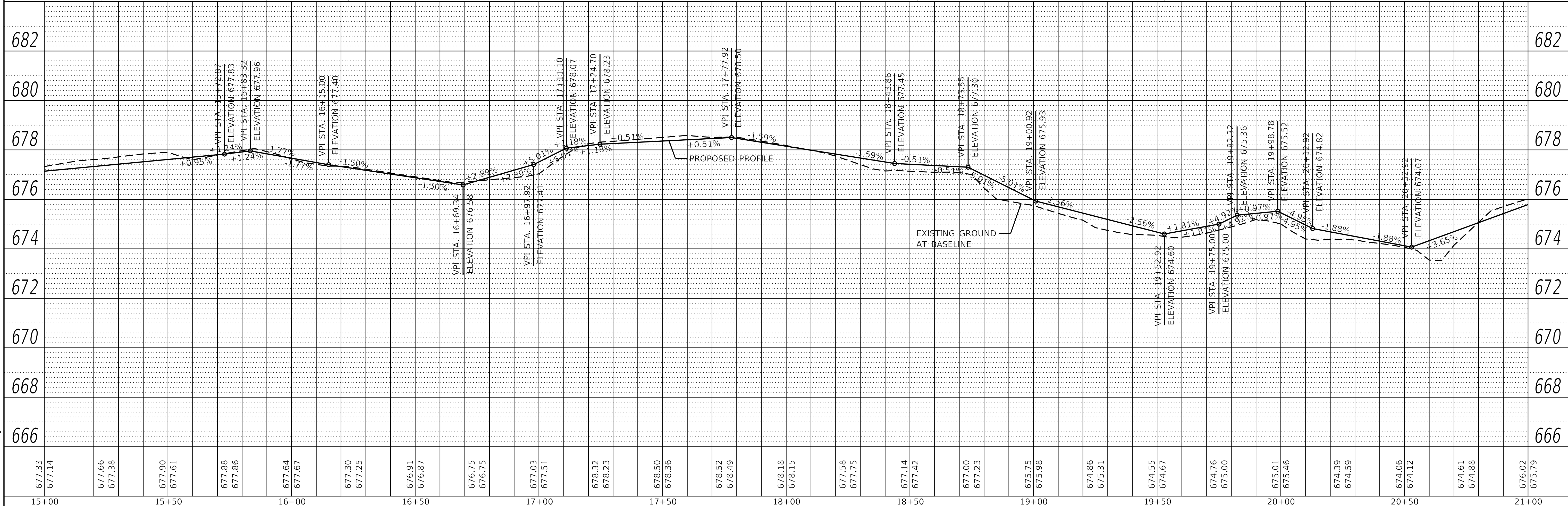
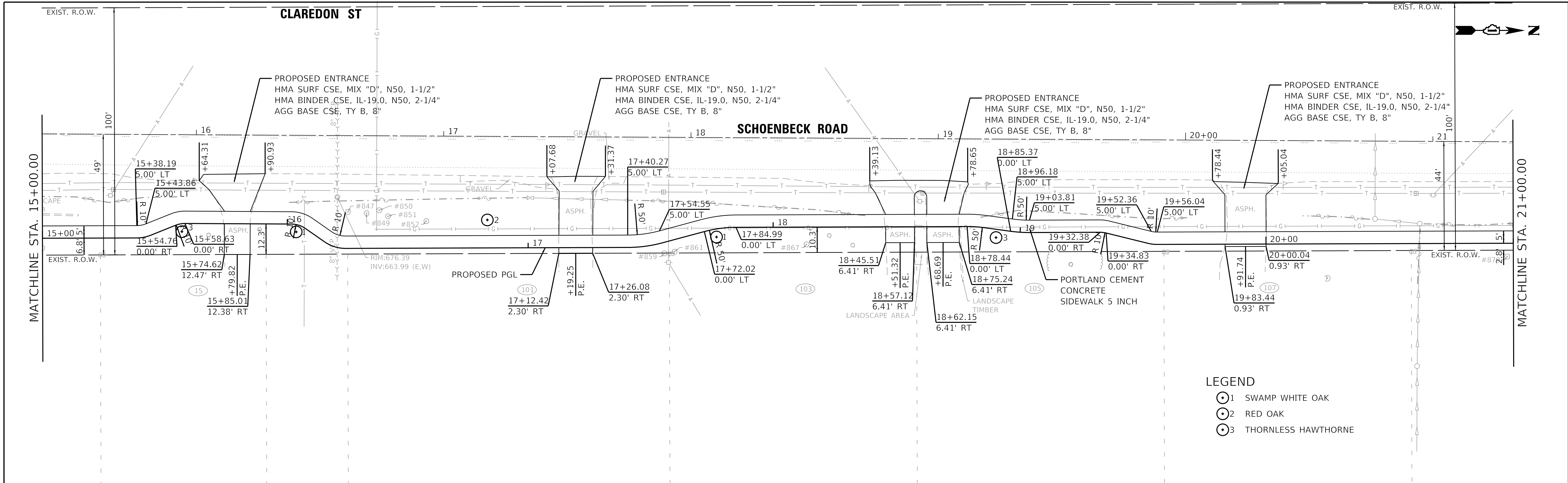
- LEGEND**
- ⊙1 SWAMP WHITE OAK
 - ⊙2 RED OAK
 - ⊙3 THORNLESS HAWTHORNE

CH2M HILL
GEWALT HAMILTON
ASSOCIATES, INC.

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

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	PLOTTED	BY
NOTE BOOK	GRADES CHECKED	DATE
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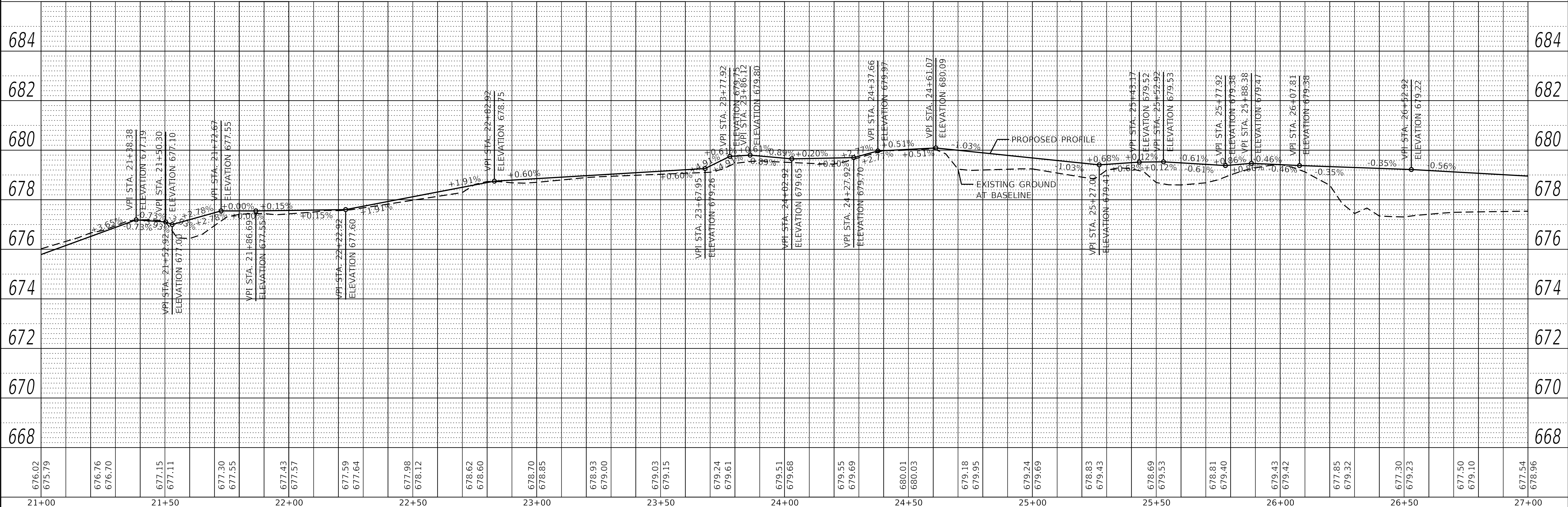
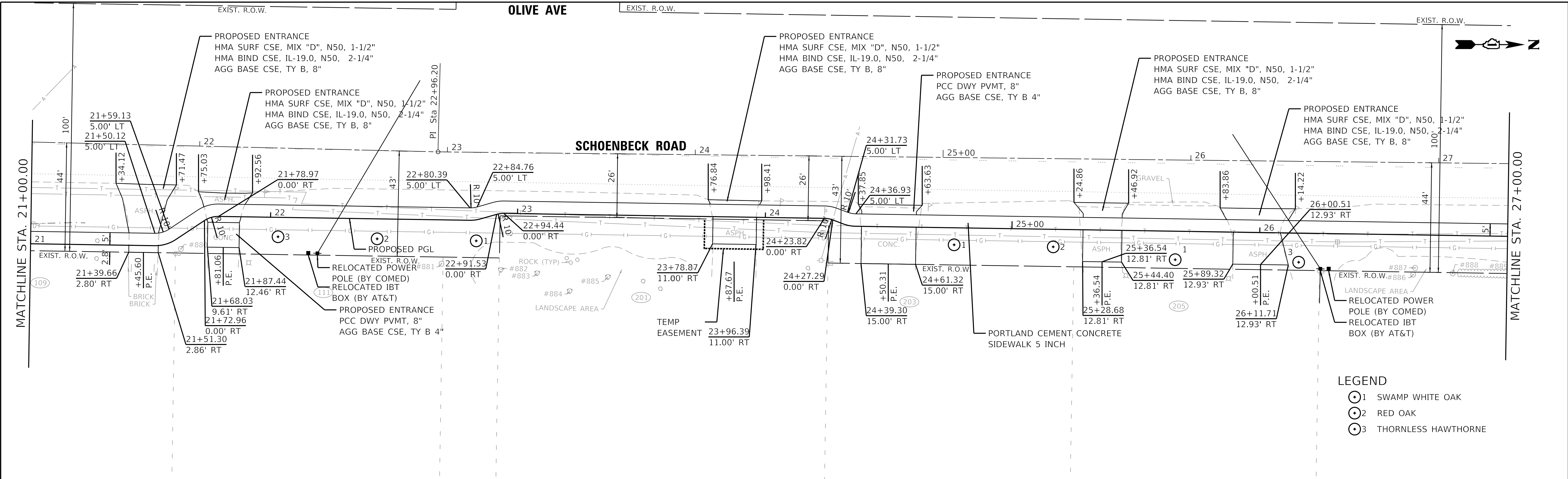


CH2M HILL
GEWALT HAMILTON
ASSOCIATES, INC.

FILE NAME =	USER NAME = McColeman	DESIGNED - MAC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Ds12345-PNP-2.dgn		DRAWN - PJS	REVISED -			2673	15-00052-00-SW	COOK	47	16	
4755.034		CHECKED - KLB	REVISED -			CONTRACT NO. 61F79					
Default		DATE - 11/16/2018	REVISED -			ILLINOIS	FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED	McGinnis	5/22/2019
NOTE BOOK	ALIGNMENT CHECKED		
	GRADE FILE NAME	D:\12345-PNP-3.dgn	

PROFILE	SURVEYED	BY	DATE
	PLOTTED	McGinnis	5/22/2019
NOTE BOOK	GRADES CHECKED	KLB	
	STRUCTURE NOTATION	CPWD	



FILE NAME = D:\12345-PNP-3.dgn
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USER NAME = M Coleman
 DESIGNED - MAC
 DRAWN - PJS
 CHECKED - KLB
 PLOT DATE = 5/22/2019

REVISOR -
 REVISION -
 REVISION -
 REVISION -
 DATE - 11/16/2018

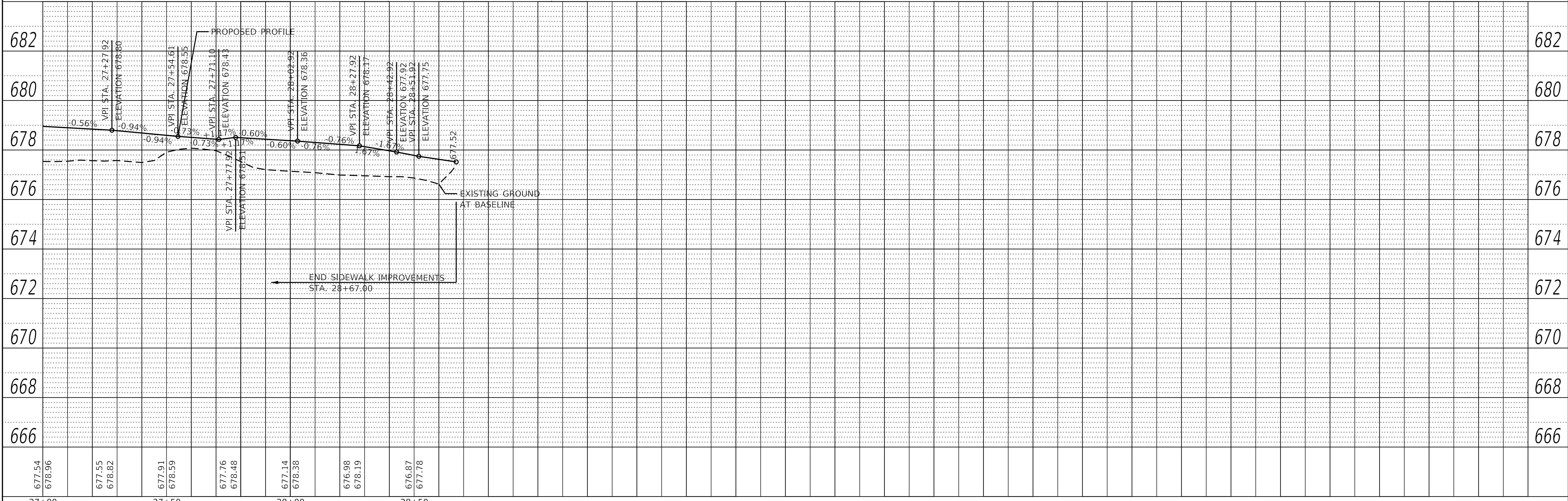
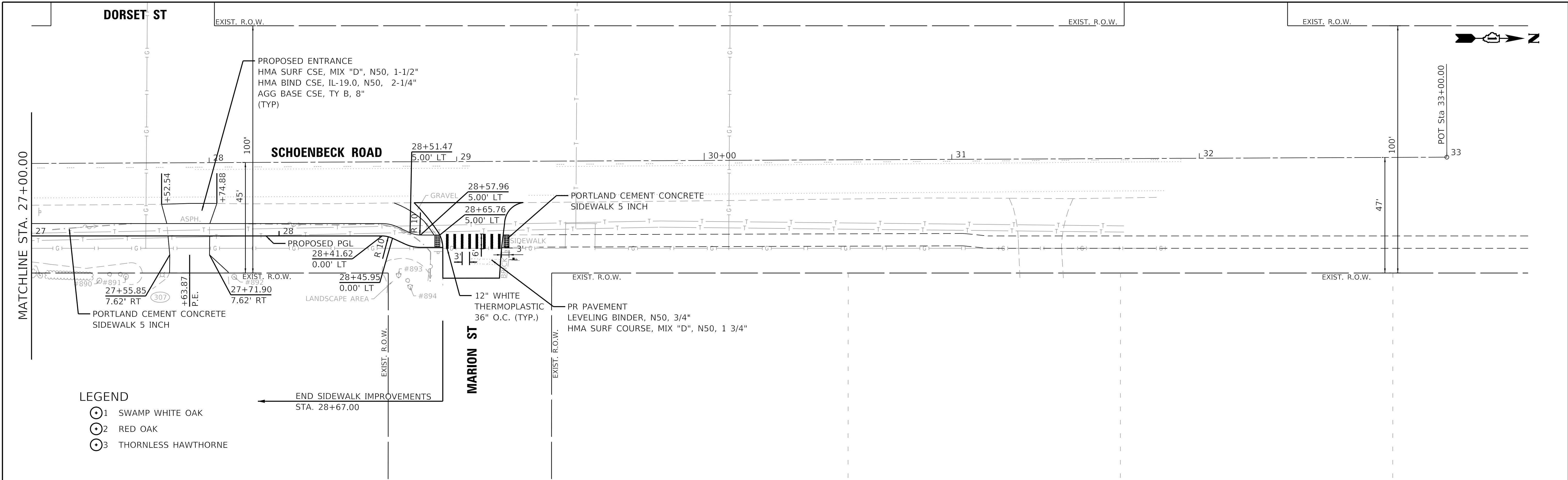
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=20' SHEET 3 OF 4 SHEETS STA. 21+00 TO STA. 27+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	17
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED	McColeman	5/22/2019
NOTE BOOK	ALIGNMENT CHECKED		
	GRADE CHECKED		
NO.	CADD FILE NAME		
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PROFILE	SURVEYED	BY	DATE
	PLOTTED	McColeman	5/22/2019
NOTE BOOK	GRADES CHECKED	KLB	
	STRUCTURE NOTATIONS CHECKED		
NO.			



FILE NAME = D:\12345-PNP-4.dgn
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Default

USER NAME = McColeman
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PLOT DATE = 5/22/2019

DESIGNED - MAC
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CHECKED - KLB
DATE - 11/16/2018

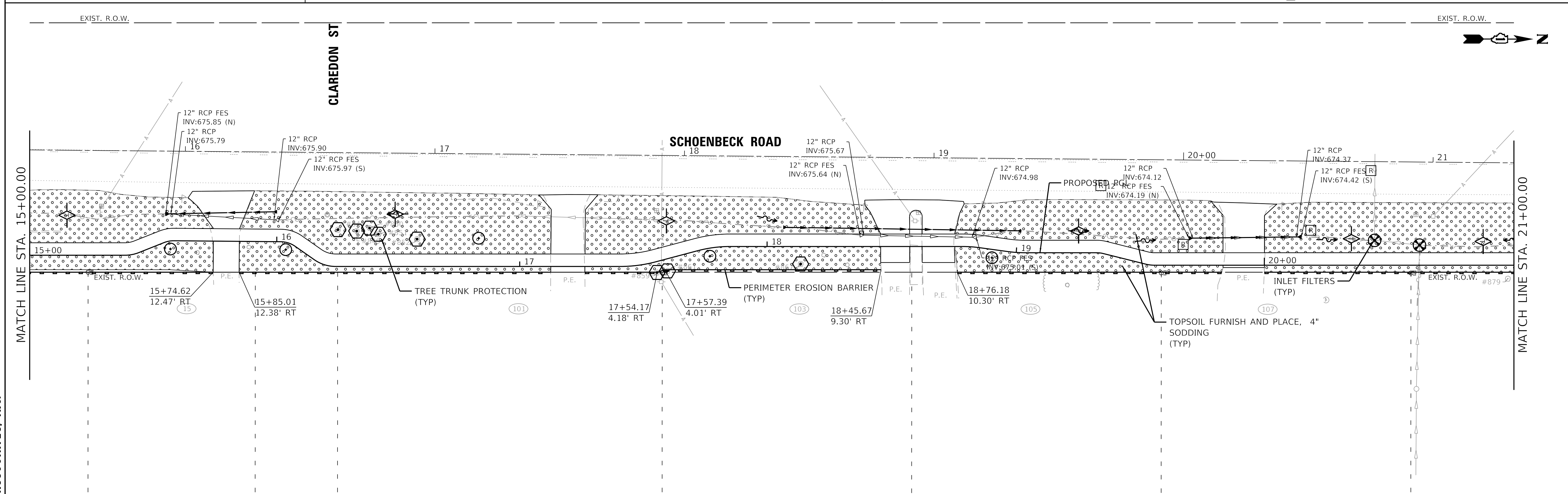
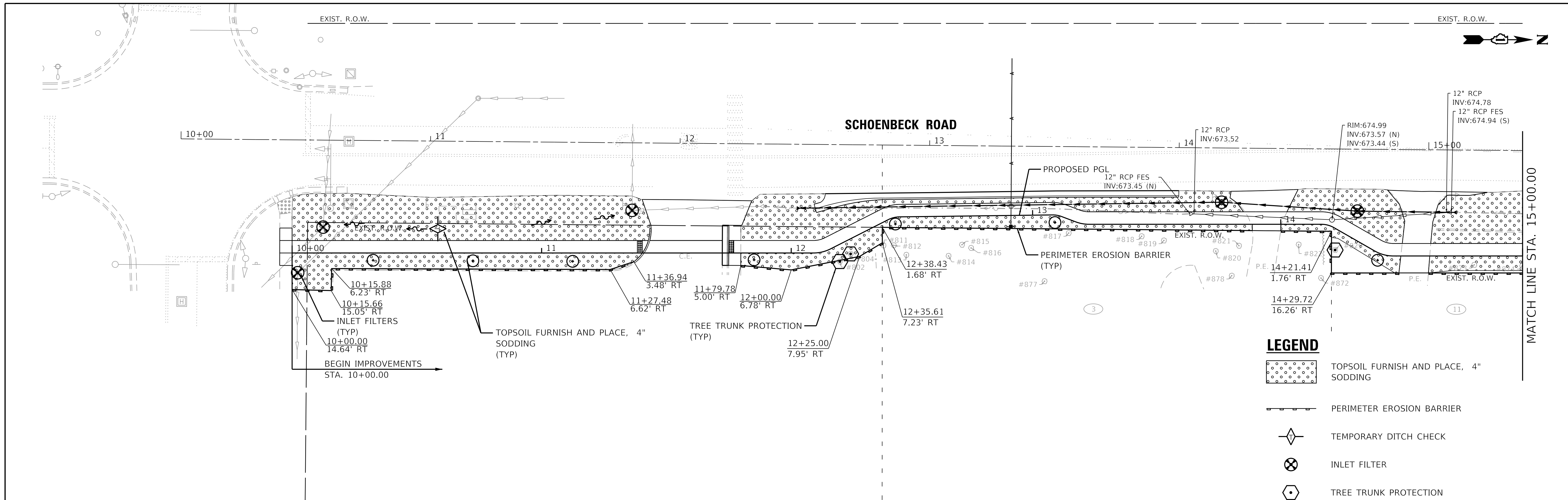
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: H:1"=20' SHEET 4 OF 4 SHEETS STA. 27+00 TO STA. E.O.P.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	18
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	



GHA GEWALT HAMILTON ASSOCIATES, INC.

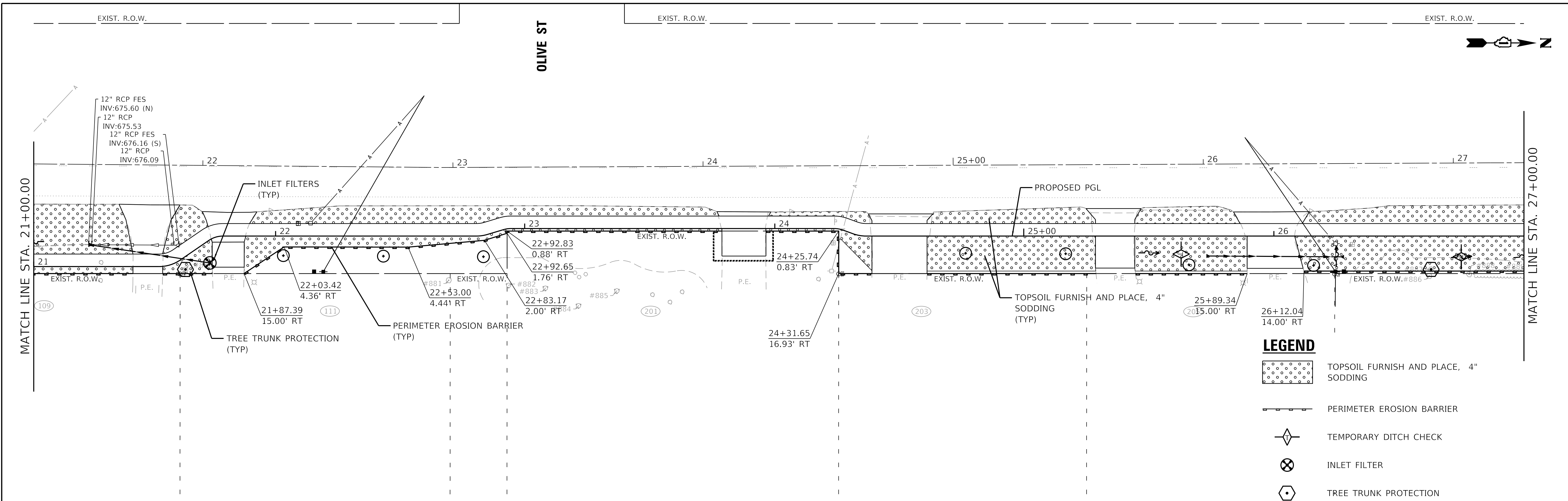
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Default		CHECKED - KLB	REVISED -
	PLOT DATE = 5/22/2019	DATE - 11/16/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLAN
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. B.O.P. TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	19
CONTRACT NO. 61F79				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4" SODDING
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - INLET FILTER
 - TREE TRUNK PROTECTION



GHA GEWALT HAMILTON ASSOCIATES, INC.

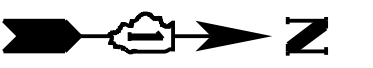
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	PLOT DATE = 5/22/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLAN
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

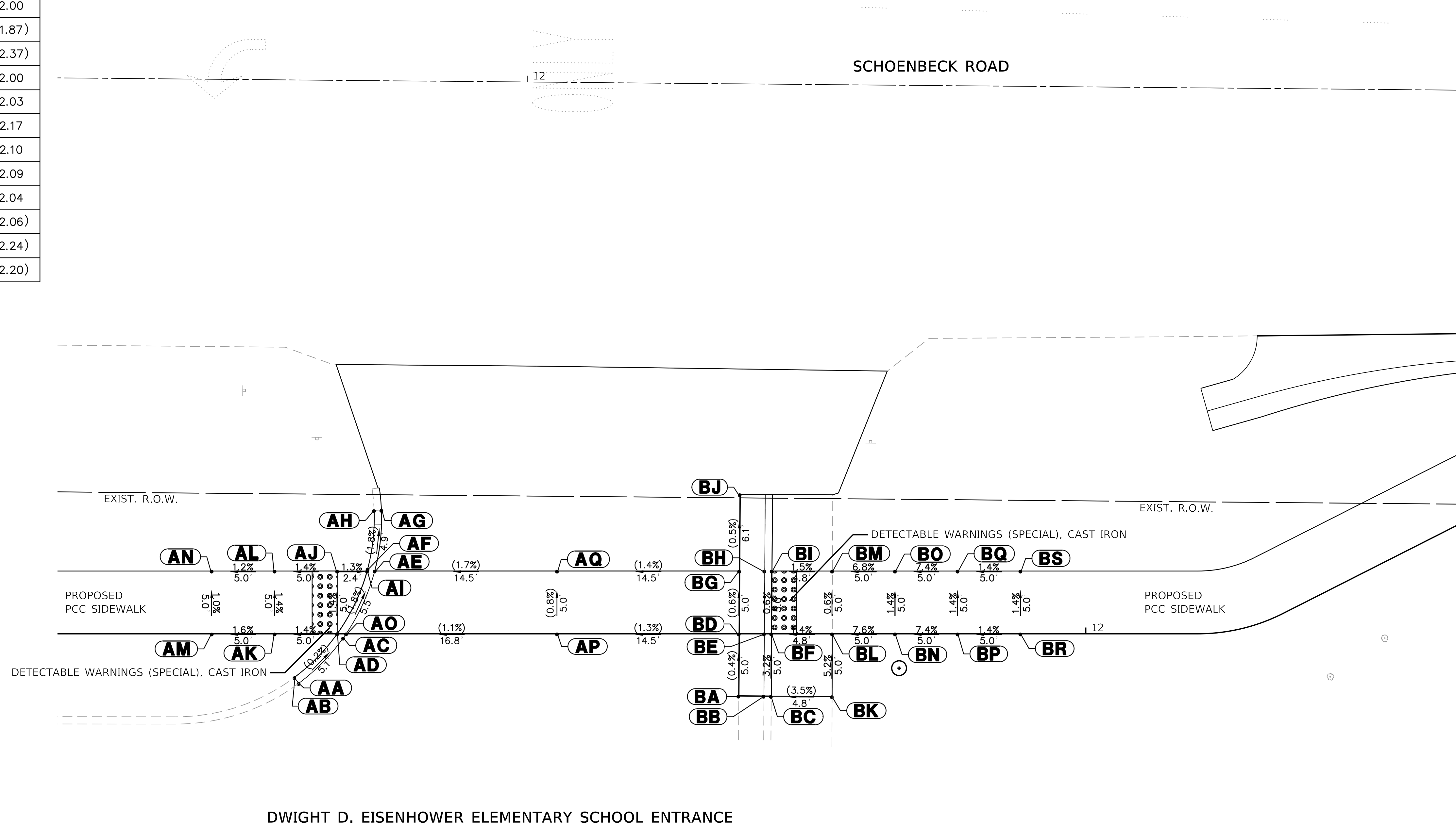
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 21+00 TO STA. E.O.P.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	20
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	11+37.3	3.9' R	(672.07)
AB	11+36.9	3.5' R	(672.57)
AC	11+40.8	0.3' R	(672.06)
AD	11+40.4	0.0'	672.10
AE	11+43.3	5.0' L	(671.96)
AF	11+42.8	5.1' L	672.00
AG	11+43.9	9.9' L	(671.87)
AH	11+43.3	9.8' L	(672.37)
AI	11+42.7	5.0' L	672.00
AJ	11+40.4	5.0' L	672.03
AK	11+35.4	0.0' R	672.17
AL	11+35.4	5.0' L	672.10
AM	11+30.4	0.0' R	672.09
AN	11+30.4	5.0' L	672.04
AO	11+41.1	0.0'	(672.06)
AP	11+57.9	0.0'	(672.24)
AQ	11+57.9	5.0' L	(672.20)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	11+72.4	5.0' R	(672.45)
BB	11+74.4	5.0' R	(672.50)
BC	11+74.9	5.0' R	(672.53)
BD	11+72.4	0.0'	(672.43)
BE	11+74.4	0.0'	672.33
BF	11+75	0.0'	672.37
BG	11+72.4	5.0' L	(672.40)
BH	11+74.4	5.0' L	672.30
BI	11+75	5.0' L	672.34
BJ	11+72.5	11.1' L	(672.37)
BK	11+79.8	5.0' R	(672.70)
BL	11+79.8	0.0'	672.44
BM	11+79.8	5.0' L	672.41
BN	11+84.8	0.0'	672.82
BO	11+84.8	5.0' L	672.75
BP	11+89.8	0.0'	673.19
BQ	11+89.8	5.0' L	673.12
BR	11+94.8	0.0'	673.26
BS	11+94.8	5.0' L	673.19

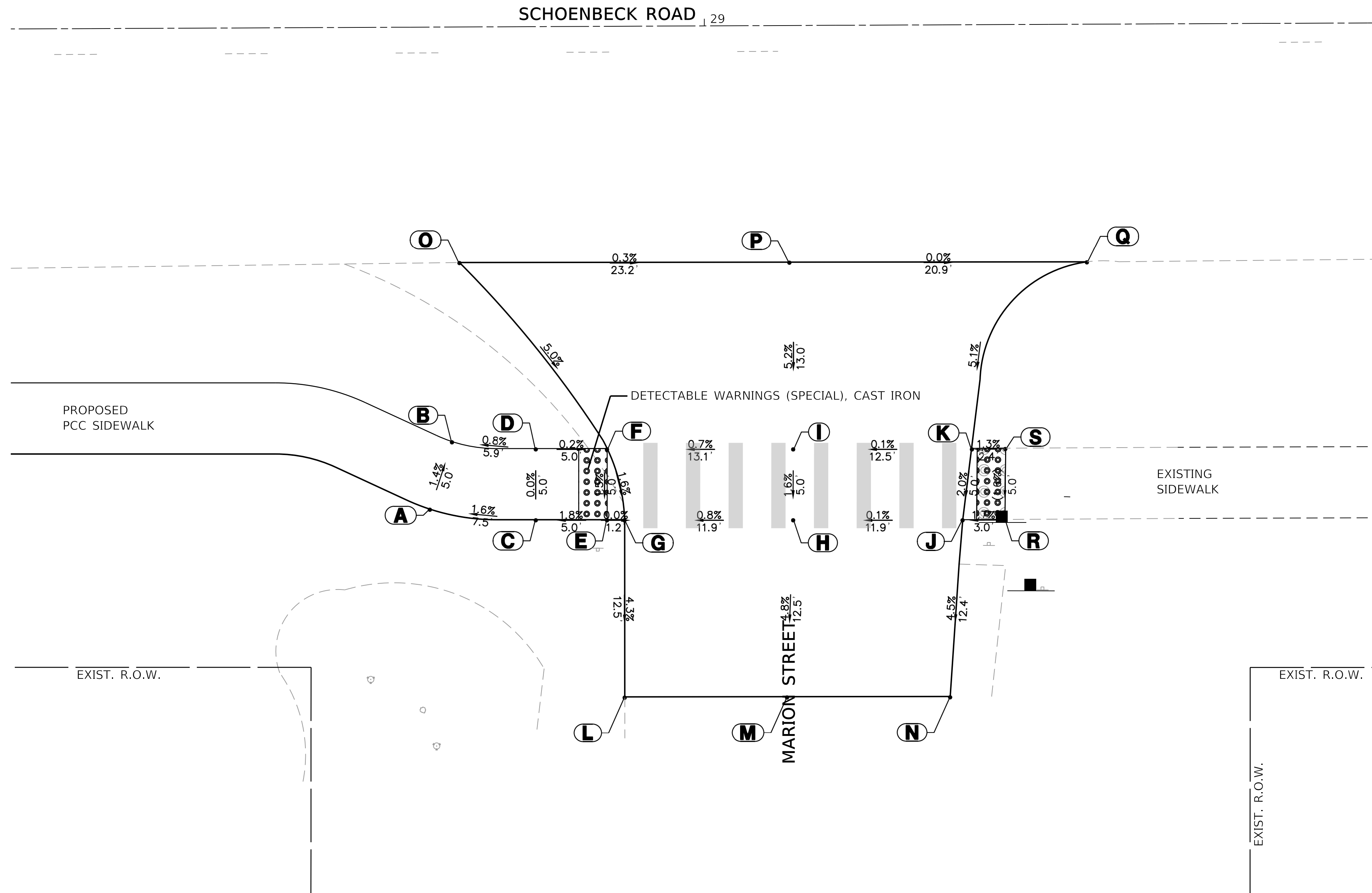


GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = D:\12345-ADA-1.dgn	USER NAME = M Coleman	DESIGNED - MAC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA GRADING DETAIL SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD	F.A.U. RTE. = 2673	SECTION = 15-00052-00-SW	COUNTY = COOK	TOTAL SHEETS = 47	SHEET NO. = 21		
4755.034	PLOT SCALE = 1:5	CHECKED - KLB	REVISED -			SCALE: 1"=5'	SHEET 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 61F79			
Default	PLOT DATE = 5/21/2019	DATE = 11/16/2018	REVISED -			ILLINOIS FED. AID PROJECT						



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	28+50.3	0.0'	677.73
B	28+50.3	5.0' L	677.66
C	28+57.8	0.0'	677.61
D	28+57.8	5.0' L	677.61
E	28+62.8	0.0'	677.52
F	28+62.8	5.0' L	677.60
G	28+64.1	0.0'	677.52
H	28+76	0.0'	677.61
I	28+76	5.0' L	677.69
J	28+87.8	0.0'	677.60
K	28+88.5	5.0' L	677.70
L	28+64.1	12.5' R	(676.98)
M	28+75.5	12.4' R	(677.01)
N	28+87	12.4' R	(677.04)
O	28+44.9	16.7' L	(678.44)
P	28+75.7	18.1' L	(678.37)
Q	28+96.6	18.1' L	(678.37)
R	28+90.8	0.0' L	(677.65)
S	28+90.8	5.0' L	(677.73)



FILE NAME = D:\12345-ADA-2.dgn
4755.034
Default

USER NAME = MColeman
PLOT SCALE = 1:5
PLOT DATE = 5/21/2019

DESIGNED - MAC
DRAWN - PJS
CHECKED - KLB
DATE - 11/16/2018

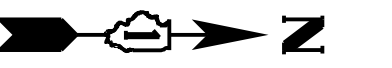
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAIL
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD**

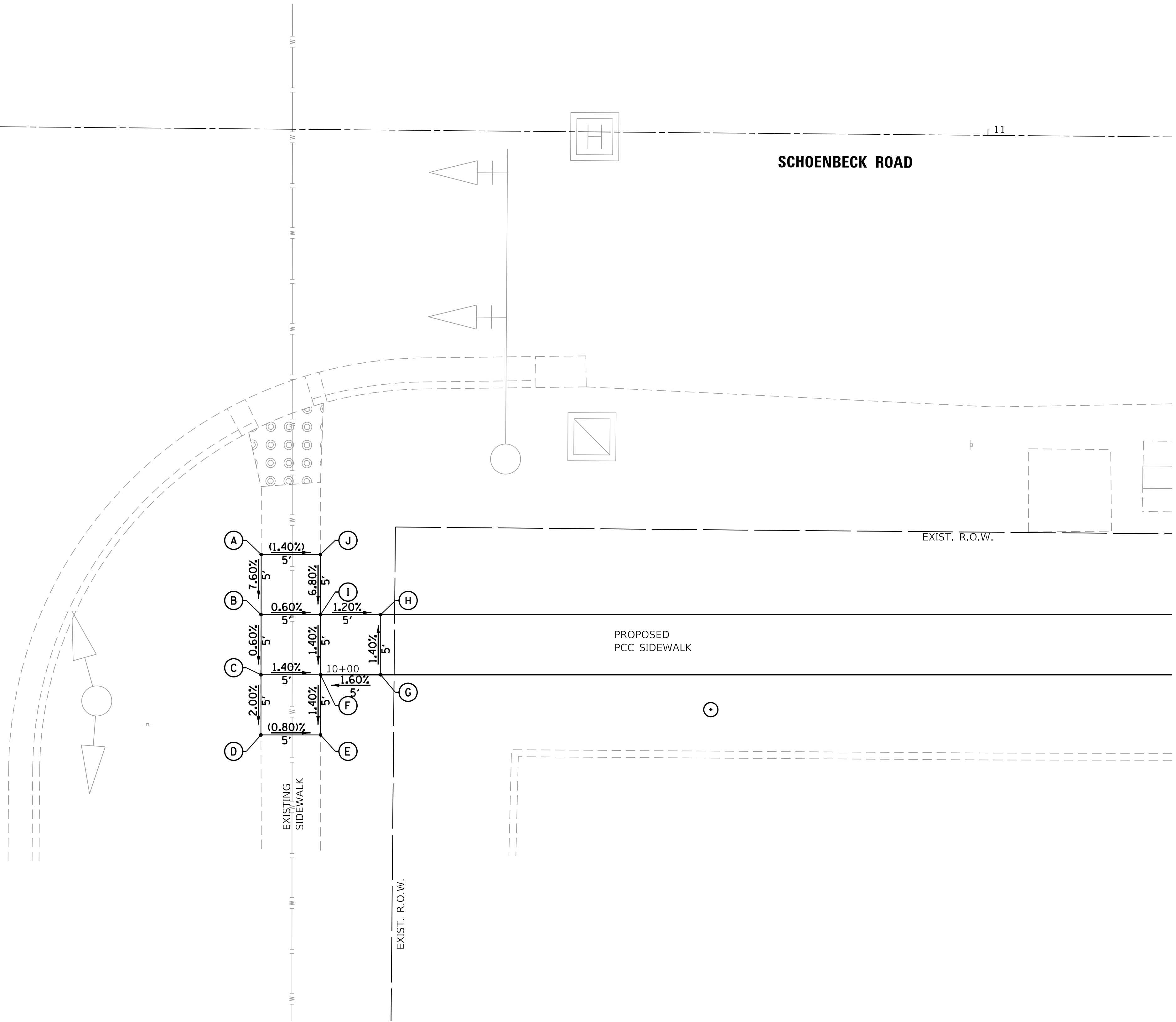
SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	22
				CONTRACT NO. 61F79
ILLINOIS FED. AID PROJECT				



POT Sta 10+00.00
10+00

GRADING TABLE			
Point	NORTHING	EASTING	Elevation
A	1977601.13	1089293.60	670.37
B	1977601.15	1089298.60	669.99
C	1977601.18	1089303.60	669.96
D	1977601.20	1089308.60	669.86
E	1977606.16	1089308.57	669.82
F	1977606.13	1089303.57	669.89
G	1977611.13	1089303.54	669.97
H	1977611.10	1089298.54	669.90
I	1977606.10	1089298.57	669.96
J	1977606.06	1089293.57	670.30



CAMP McDONALD ROAD

SCHOENBECK ROAD

PROPOSED PCC SIDEWALK

EXISTING SIDEWALK

EXIST. R.O.W.

EXIST. R.O.W.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = D:\12345-ADA-3.dgn
4755.034
Default

USER NAME = MColeman
PLOT SCALE = 1:5
PLOT DATE = 5/21/2019

DESIGNED - MAC
DRAWN - PJS
CHECKED - KLB
DATE - 11/16/2018

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

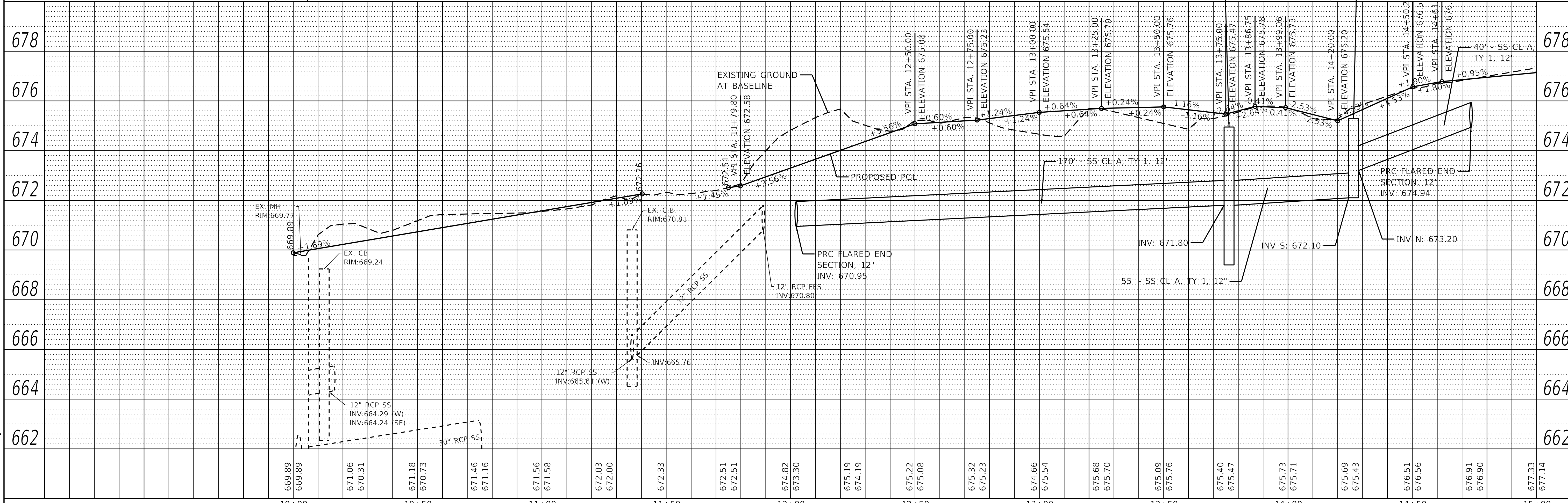
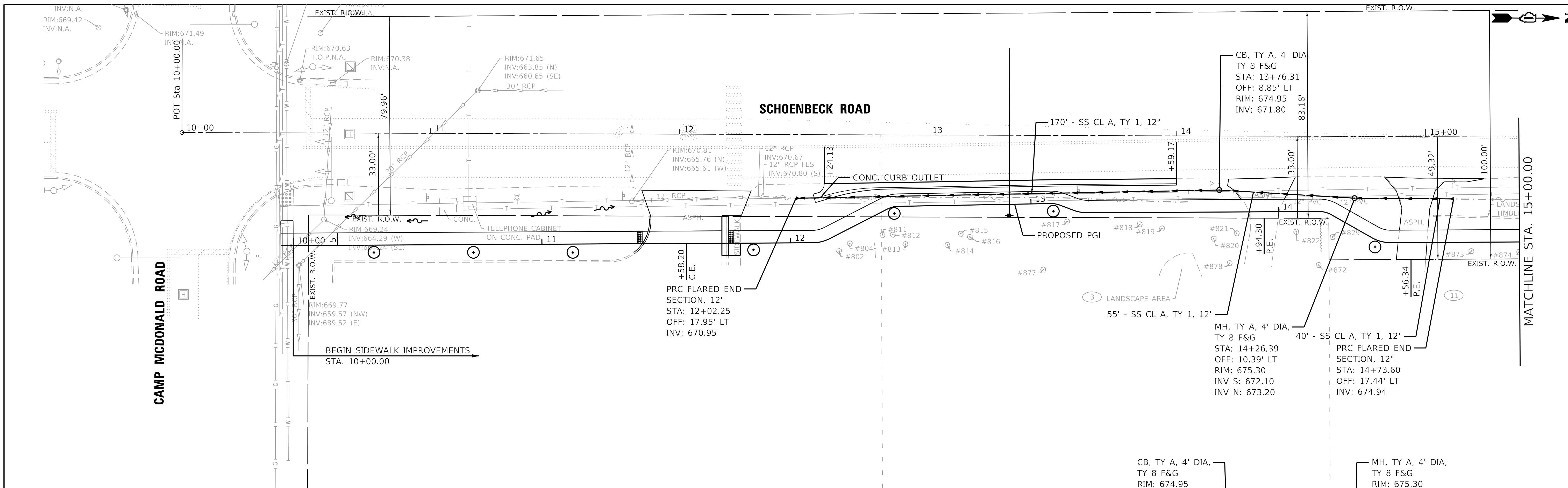
ADA GRADING DETAIL
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	23
				CONTRACT NO. 61F79
		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



FILE NAME = D512345-DRN-1.dgn
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USER NAME = MCoeman
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 DRAWN - ZCW
 CHECKED - KLB
 DATE - 11/16/2018

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

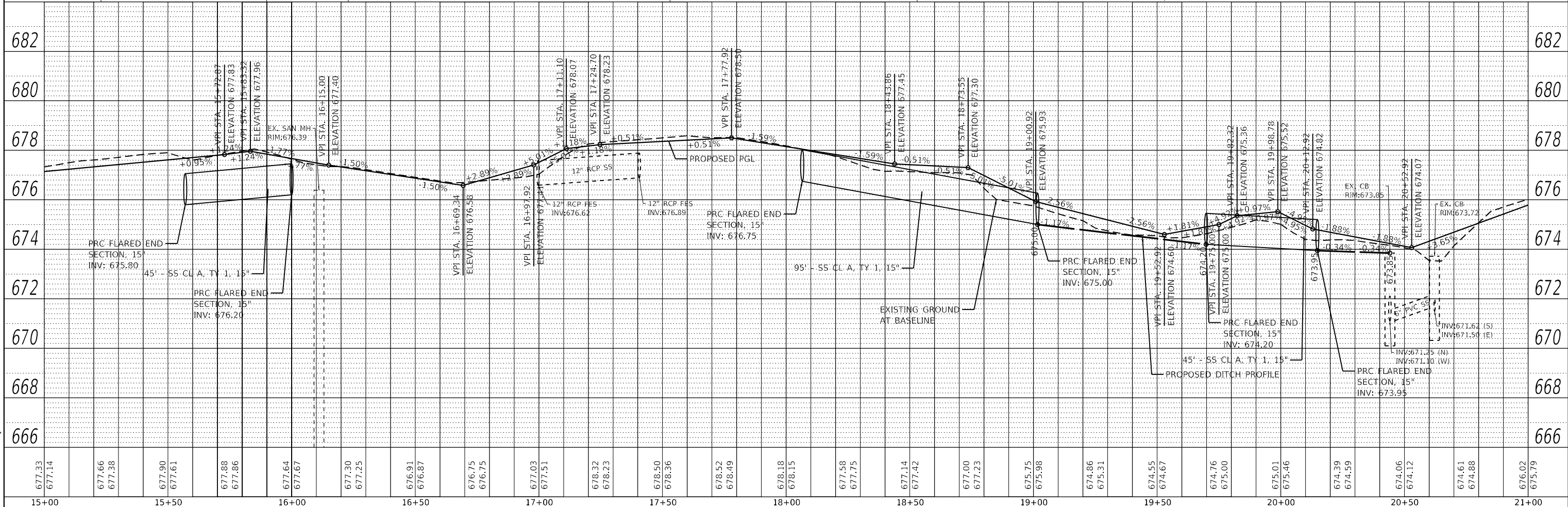
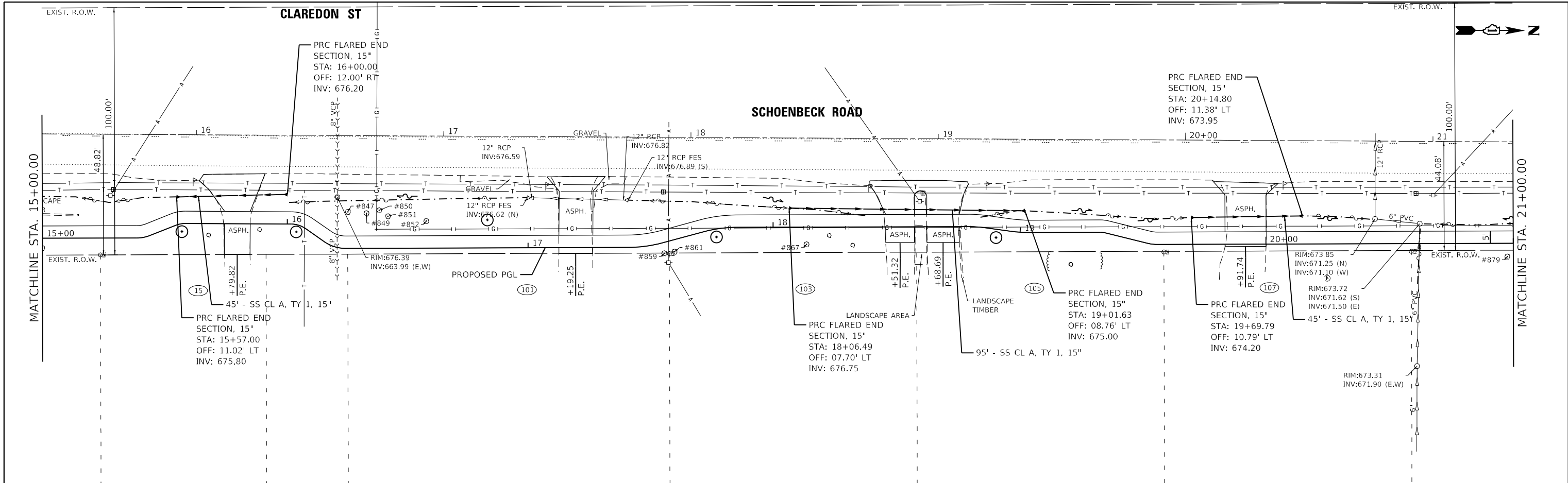
DRAINAGE AND UTILITY PLAN
 SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD

SCALE: H:1"=20' SHEET 1 OF 4 SHEETS STA. B.O.P. TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	24
				CONTRACT NO. 61F79
		ILLINOIS	FED. AID PROJECT	

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

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



FILE NAME = D512345-DRN-2.dgn
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 PLOT DATE = 6/24/2019

DESIGNED - MAC
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 CHECKED - KLB
 DATE - 11/16/2018

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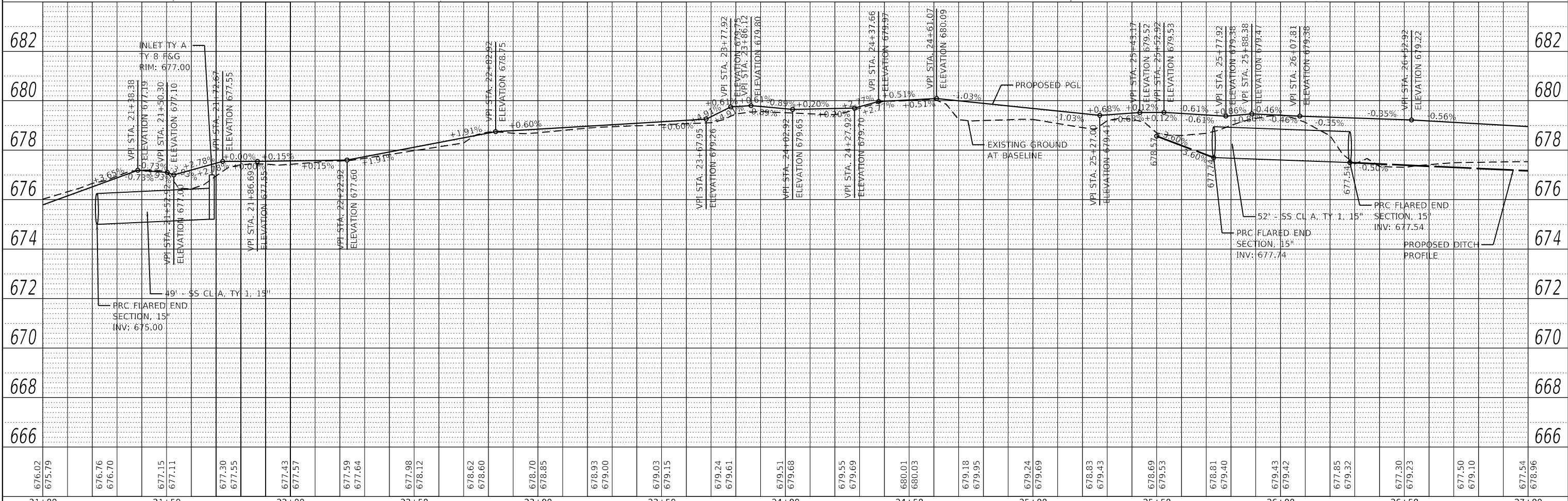
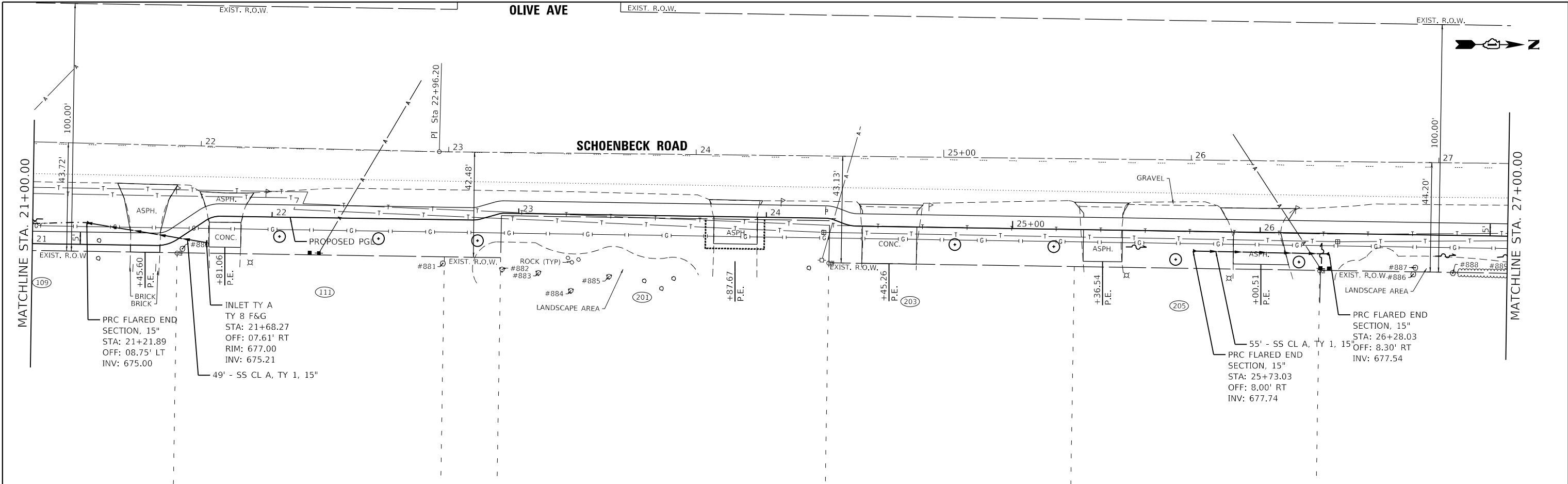
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLAN
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=20' SHEET 2 OF 4 SHEETS STA. 15+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	25
CONTRACT NO. 61F79			ILLINOIS FED. AID PROJECT	

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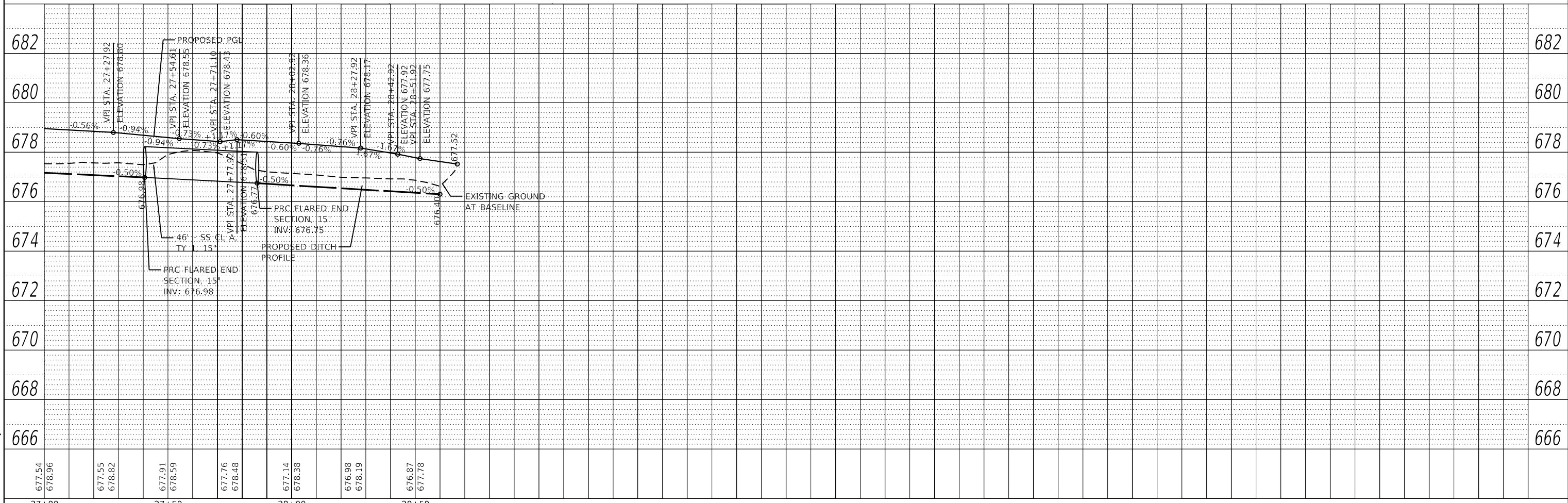
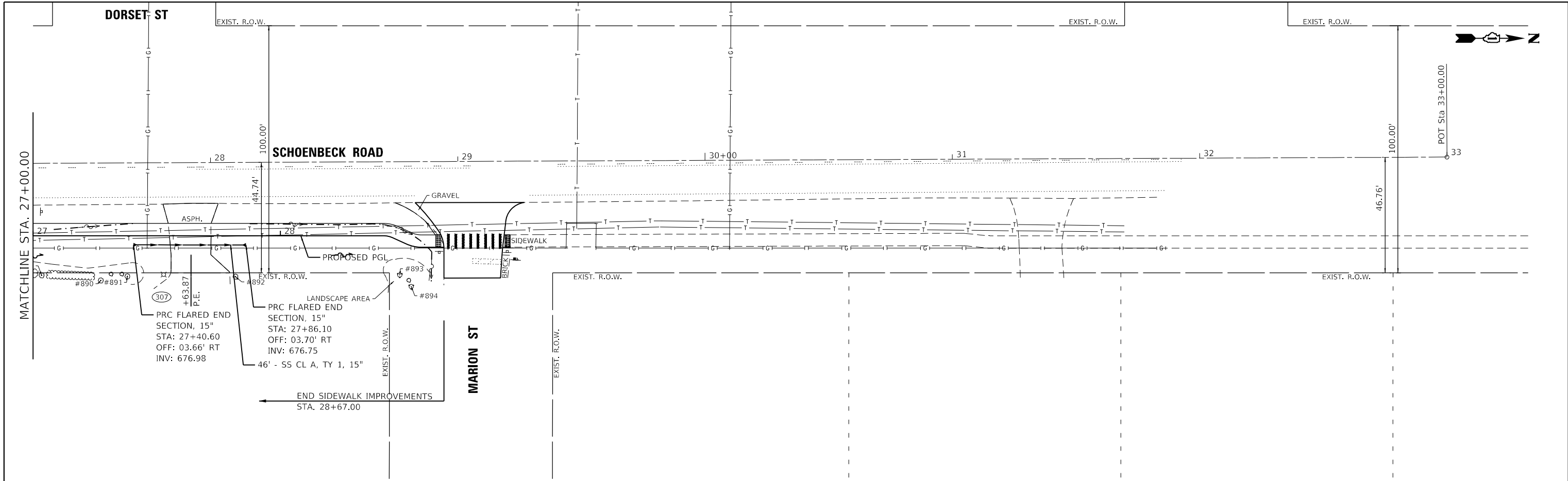
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	BY	KL
	NOTE BOOK	
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D512345-DRN-3.dgn		DRAWN -	ZCW	REVISED -		SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD		2673	15-00052-00-SW	COOK	47	26
4755.034		CHECKED -	KL	REVISED -		SCALE: H:1"=20'		CONTRACT NO. 61F79		ILLINOIS FED. AID PROJECT		
Default		DATE -	11/16/2018	REVISED -		SHEET 3 OF 4 SHEETS		STA. 21+00 TO STA. 27+00				

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

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



CH2M HILL
GEWALT HAMILTON
ASSOCIATES, INC.

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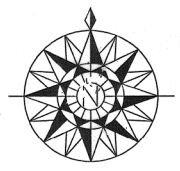
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 DRAWN - ZCW
 CHECKED - KLB
 DATE - 11/16/2018

REVISED -
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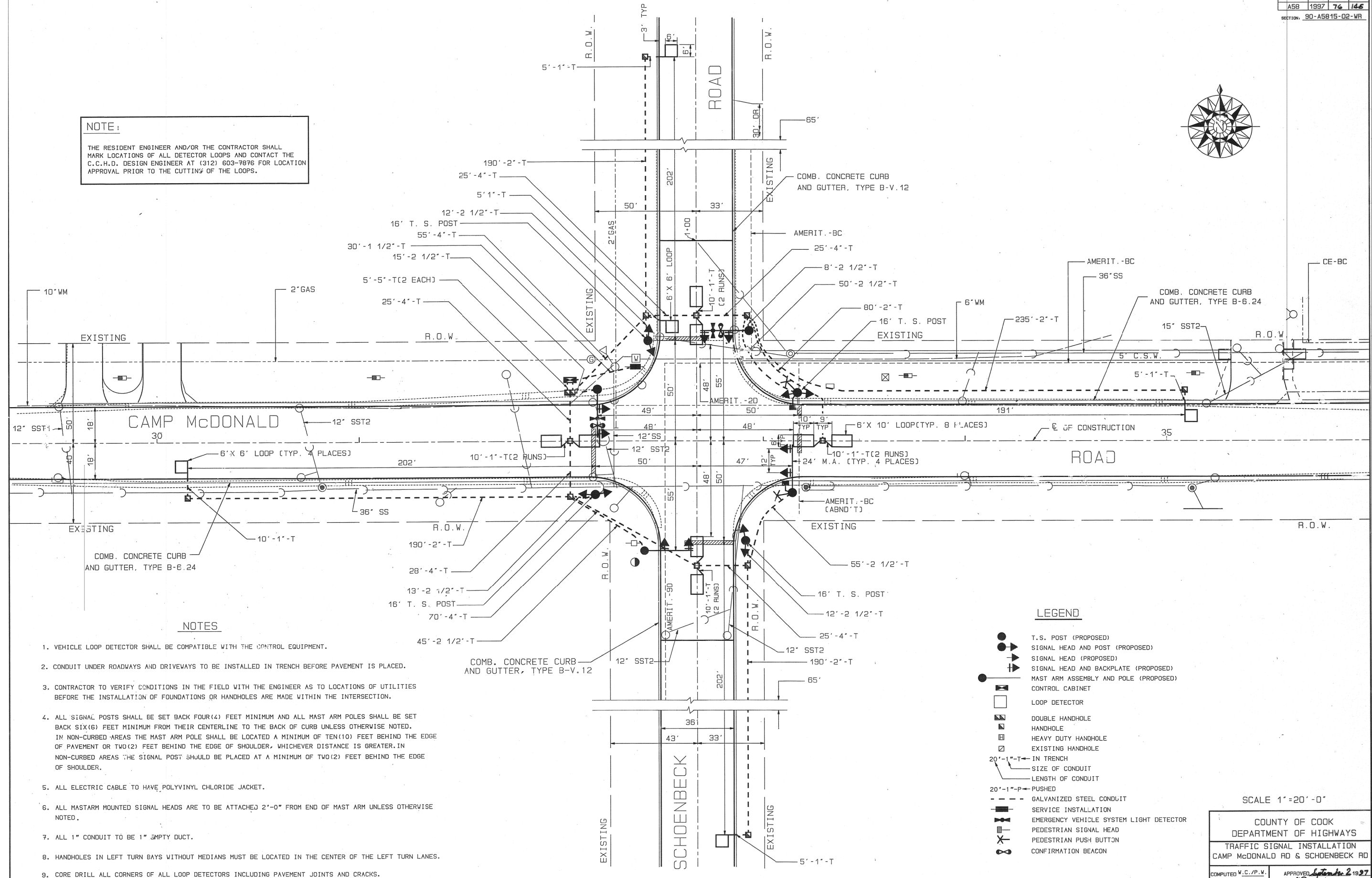
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=20' SHEET 4 OF 4 SHEETS STA. 27+00 TO STA. E.O.P.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F79	



NOTE:
 THE RESIDENT ENGINEER AND/OR THE CONTRACTOR SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE C.C.H.D. DESIGN ENGINEER AT (312) 603-7876 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS.



NOTES

1. VEHICLE LOOP DETECTOR SHALL BE COMPATIBLE WITH THE CONTROL EQUIPMENT.
2. CONDUIT UNDER ROADWAYS AND DRIVEWAYS TO BE INSTALLED IN TRENCH BEFORE PAVEMENT IS PLACED.
3. CONTRACTOR TO VERIFY CONDITIONS IN THE FIELD WITH THE ENGINEER AS TO LOCATIONS OF UTILITIES BEFORE THE INSTALLATION OF FOUNDATIONS OR HANDHOLES ARE MADE WITHIN THE INTERSECTION.
4. ALL SIGNAL POSTS SHALL BE SET BACK FOUR(4) FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK SIX(6) FEET MINIMUM FROM THEIR CENTERLINE TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN(10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO(2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN NON-CURBED AREAS THE SIGNAL POST SHOULD BE PLACED AT A MINIMUM OF TWO(2) FEET BEHIND THE EDGE OF SHOULDER.
5. ALL ELECTRIC CABLE TO HAVE POLYVINYL CHLORIDE JACKET.
6. ALL MASTARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0\"/>

LEGEND

- T.S. POST (PROPOSED)
- ▲ SIGNAL HEAD AND POST (PROPOSED)
- ▲ SIGNAL HEAD (PROPOSED)
- ▲▲ SIGNAL HEAD AND BACKPLATE (PROPOSED)
- MAST ARM ASSEMBLY AND POLE (PROPOSED)
- CONTROL CABINET
- LOOP DETECTOR
- DOUBLE HANDHOLE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- EXISTING HANDHOLE
- 20'-1\"/>

SCALE 1"=20'-0"

COUNTY OF COOK DEPARTMENT OF HIGHWAYS			
TRAFFIC SIGNAL INSTALLATION CAMP McDONALD RD & SCHOENBECK RD			
COMPUTED	V.C./P.V.	APPROVED	2/19/27
DRAWN	V.C./L.P.	<i>[Signature]</i>	
CHECKED	S.P./R.J.	CHIEF ENGINEER OF DESIGN	

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME =
 Cook-Signal_Plans.dgn
 4755.034
 Cook County Signals Sheet 1

USER NAME = mcobb	DESIGNED -	REVISED -
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PLOT DATE = 5/24/2019	CHECKED -	REVISED -
	DATE -	REVISED -

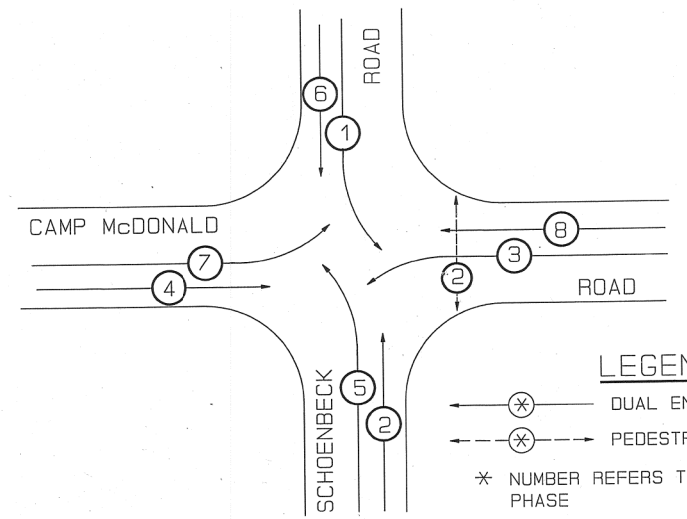
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK COUNTY SIGNAL PLANS
SCHOENBECK RD AND CAMP McDONALD RD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	28
CONTRACT NO. 61F79				
ILLINOIS		FED. AID PROJECT		

CONTROLLER SEQUENCE

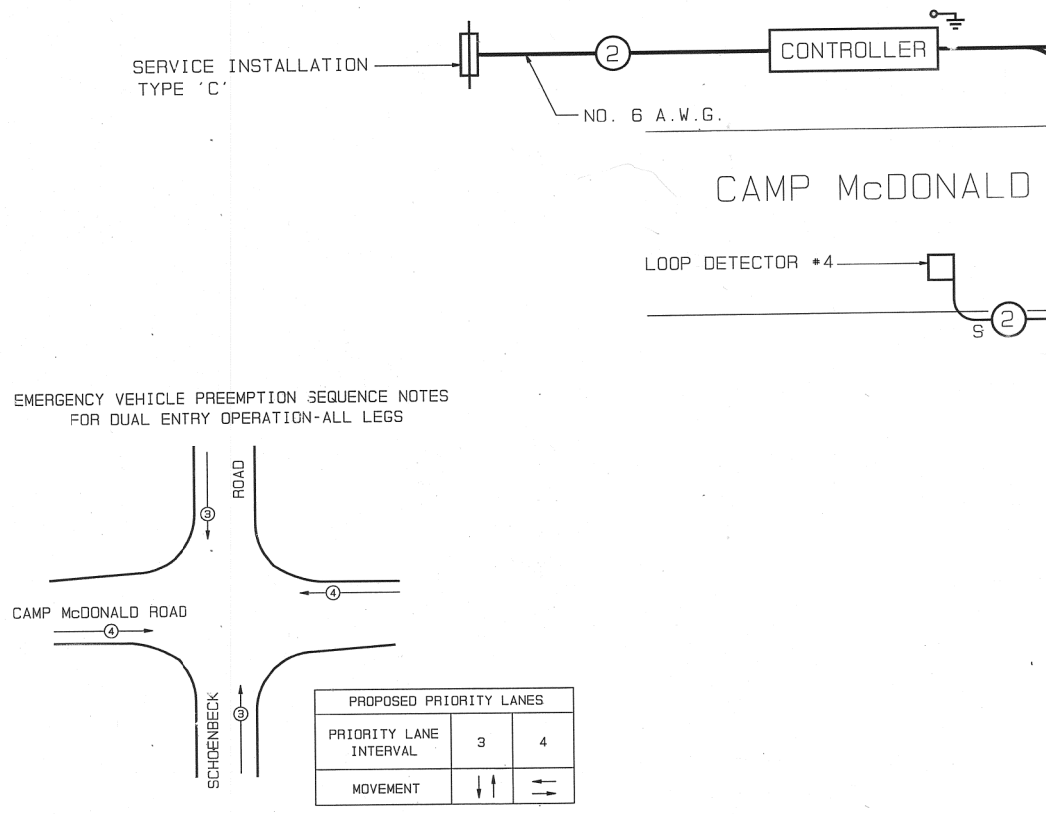
REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASE USED ARE DESIGNATED BELOW



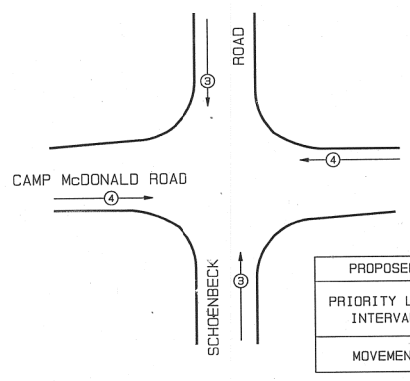
- LEGEND**
- (X) DUAL ENTRY PHASE
 - (X) PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS
PROTECTED/PERMITTED LEFT TURN PHASING



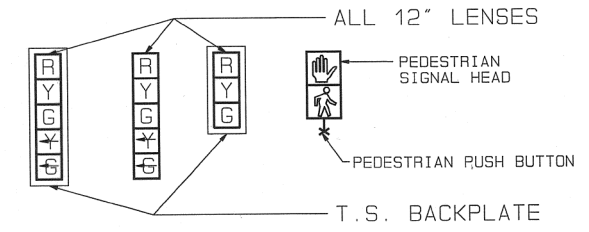
EMERGENCY VEHICLE PREEMPTION SEQUENCE NOTES FOR DUAL ENTRY OPERATION-ALL LEGS



PROPOSED PRIORITY LANES		
PRIORITY LANE INTERVAL	3	4
MOVEMENT	↑↑	→→

- NOTES:**
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 857001.
 - CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAPS AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAPS.
 - TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
 - IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.

SIGNAL FACES



SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- * YELLOW TURN INDICATOR
- ⊕ GREEN TURN INDICATOR

CABLE PLAN LEGEND

- [R] 12" TRAFFIC SIGNAL SECTION
- [CONTROLLER] CONTROLLER CABINET
- [] VEHICLE DETECTOR, INDUCTION LOOP DENOTES NUMBER OF CONDUCTORS (NEW) ALL LOOP DETECTOR CABLE TO BE TWISTED & SHIELDED. ALL CABLE NO 14 EXCEPT AS INDICATED
- [P] SIGNAL FACE WITH BACKPLATE 'P' INDICATES PROGRAMMED
- [] GROUNDING SYSTEM CONNECTION
- [S] SHIELDED & TWISTED
- [] SERVICE INSTALLATION
- [] EMERGENCY VEHICLE PRIORITY SYSTEM LIGHT DETECTOR
- [] OPTICOM CABLE
- [] PEDESTRIAN SIGNAL HEAD
- [] PEDESTRIAN PUSH BUTTON
- [] CONFIRMATION BEACON

CABLE PLAN

N.T.S.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME =
Cook-Signal_Plans.dgn
4755.034
Cook County Signals Sheet 2

USER NAME = mcobb	DESIGNED -	REVISED -
PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 5/24/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK COUNTY SIGNAL PLANS
SCHOENBECK RD AND CAMP McDONALD RD

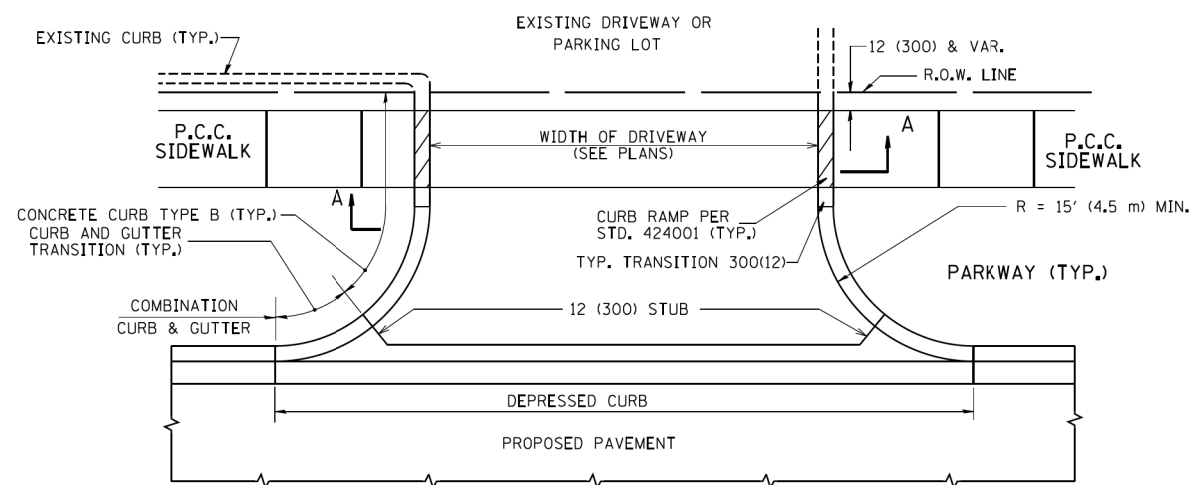
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2673	15-00052-00-SW	COOK	47 29
CONTRACT NO. 61F79			
ILLINOIS FED. AID PROJECT			

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

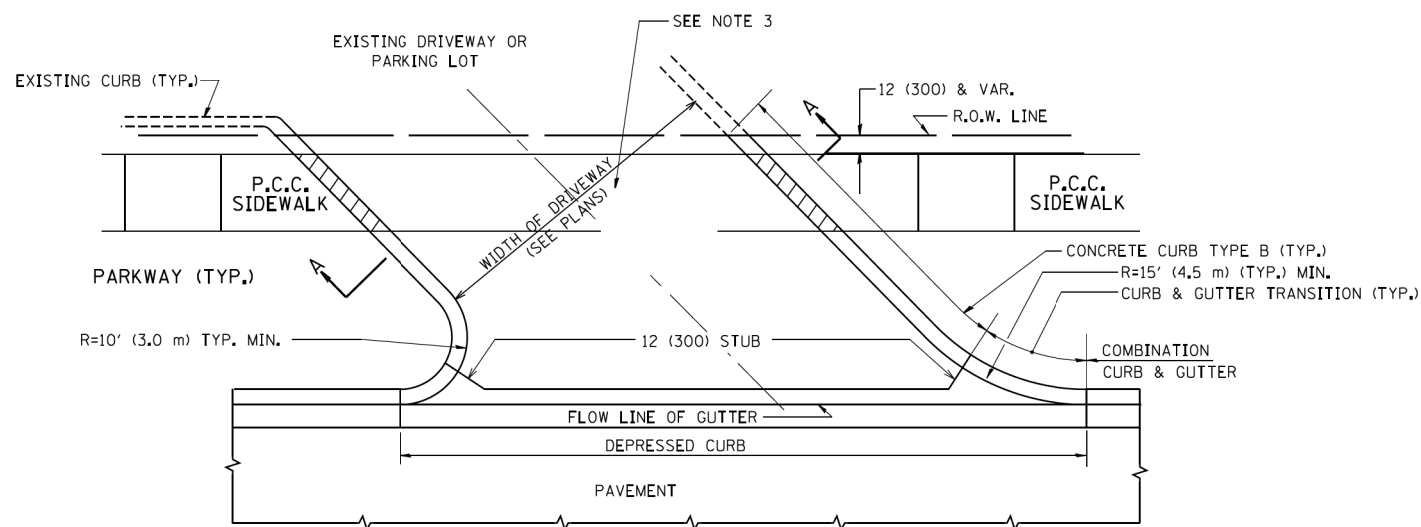
TRAFFIC SIGNAL INSTALLATION
CAMP McDONALD RD & SCHOENBECK RD

COMPUTED V.C./P.V.
DRAWN V.C./L.P.
CHECKED S.P./R.J.

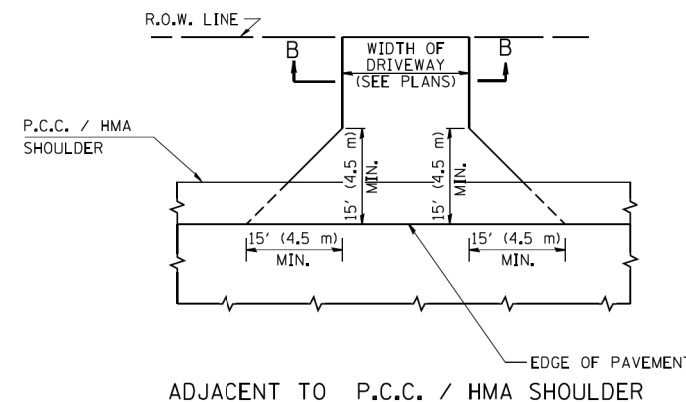
APPROVED *[Signature]* September 2, 2019
CHIEF ENGINEER OF DESIGN



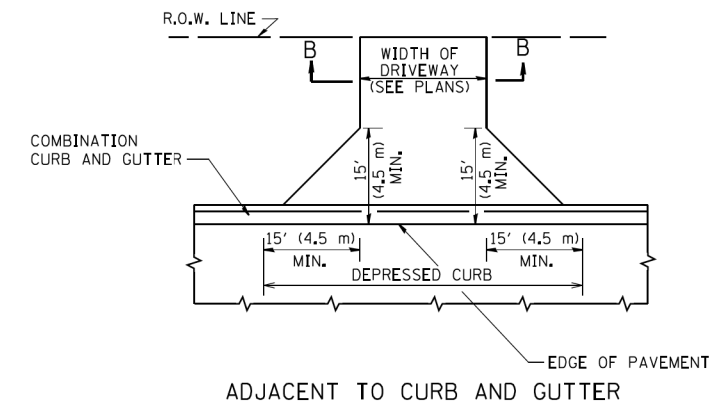
WITH CONCRETE CURB, TYPE B



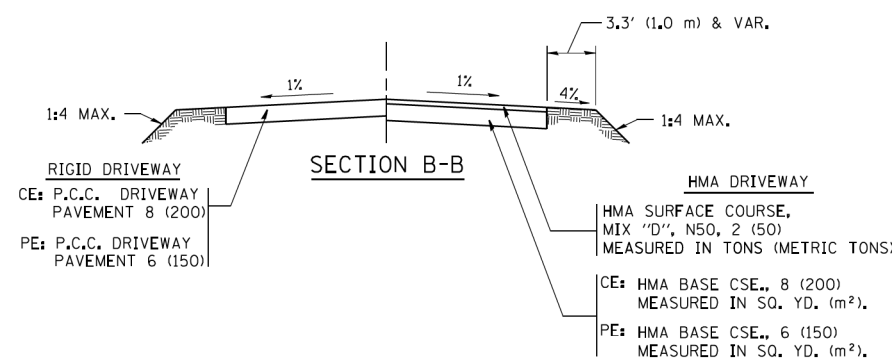
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX 'D', N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²)

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE 'HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS'. FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

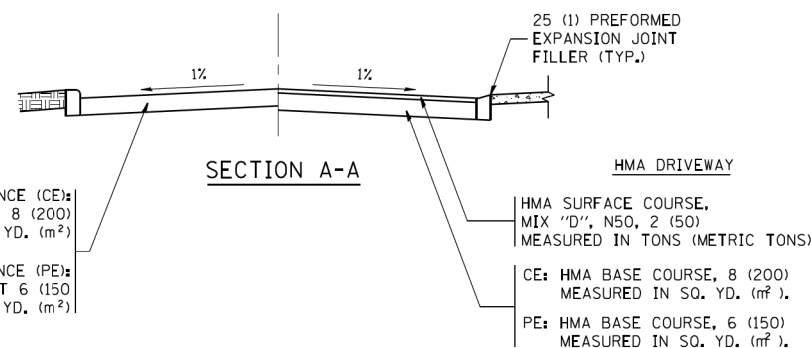
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



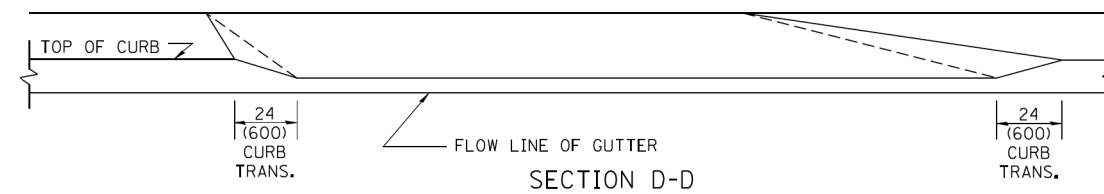
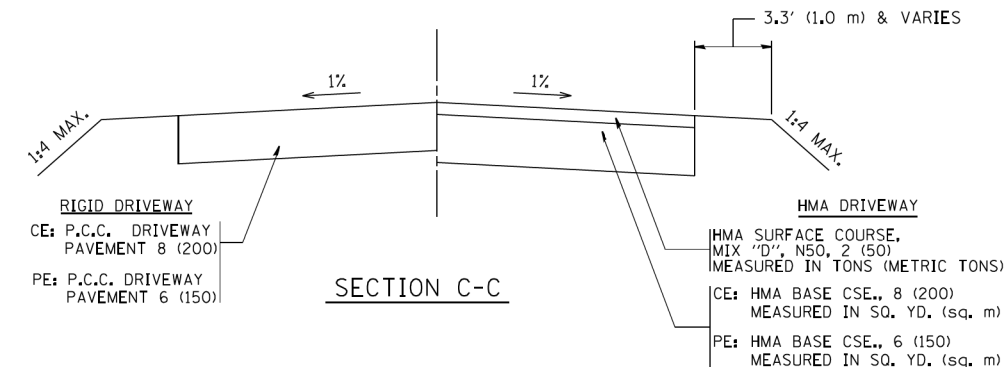
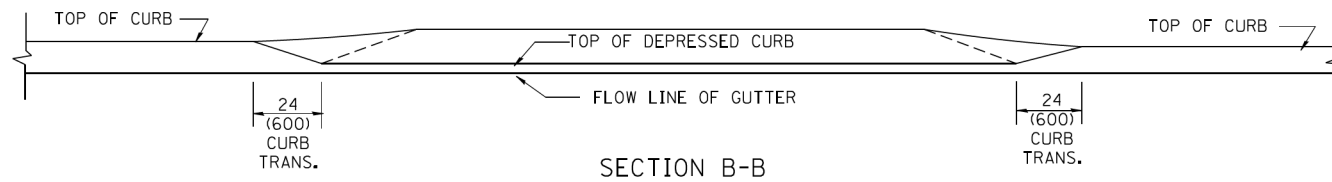
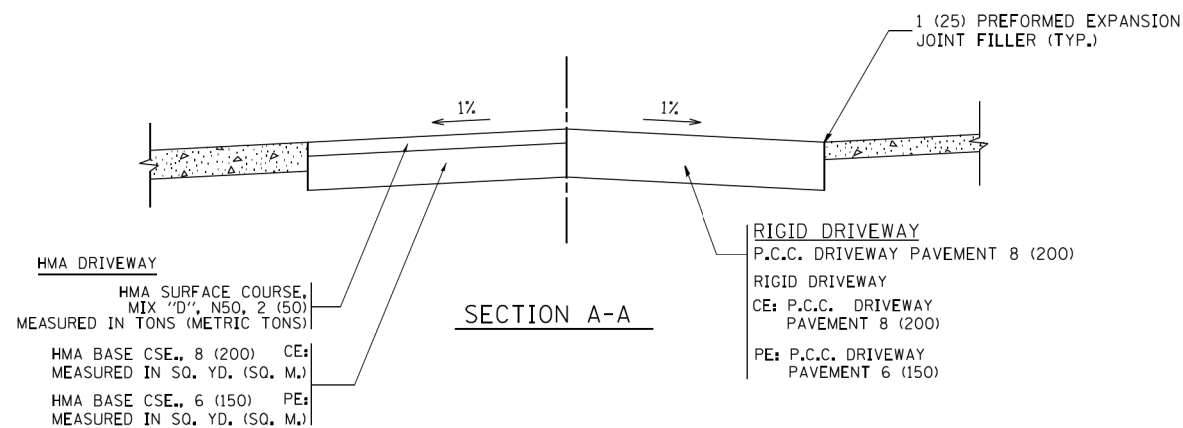
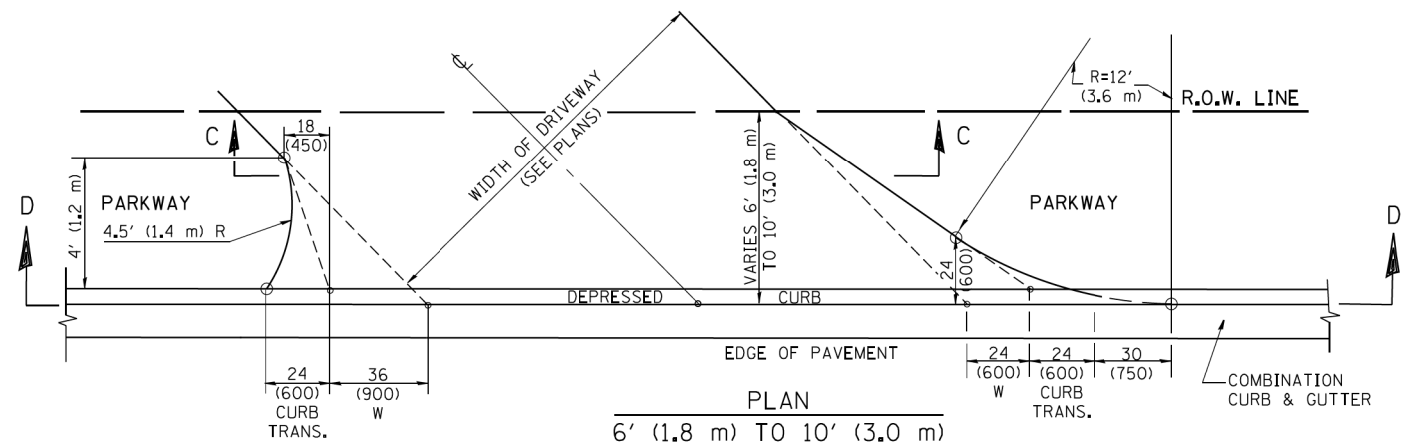
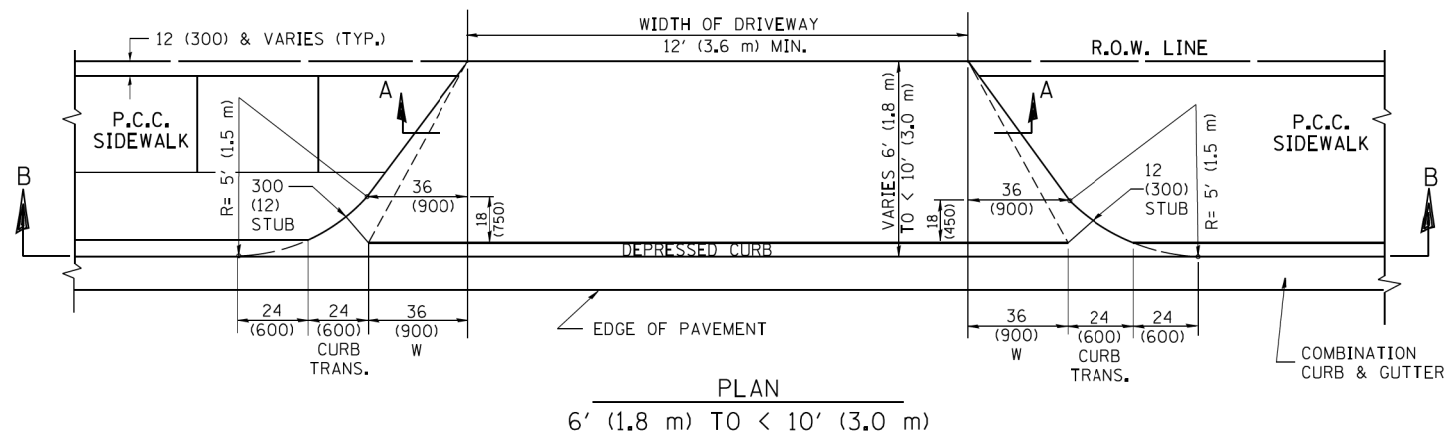
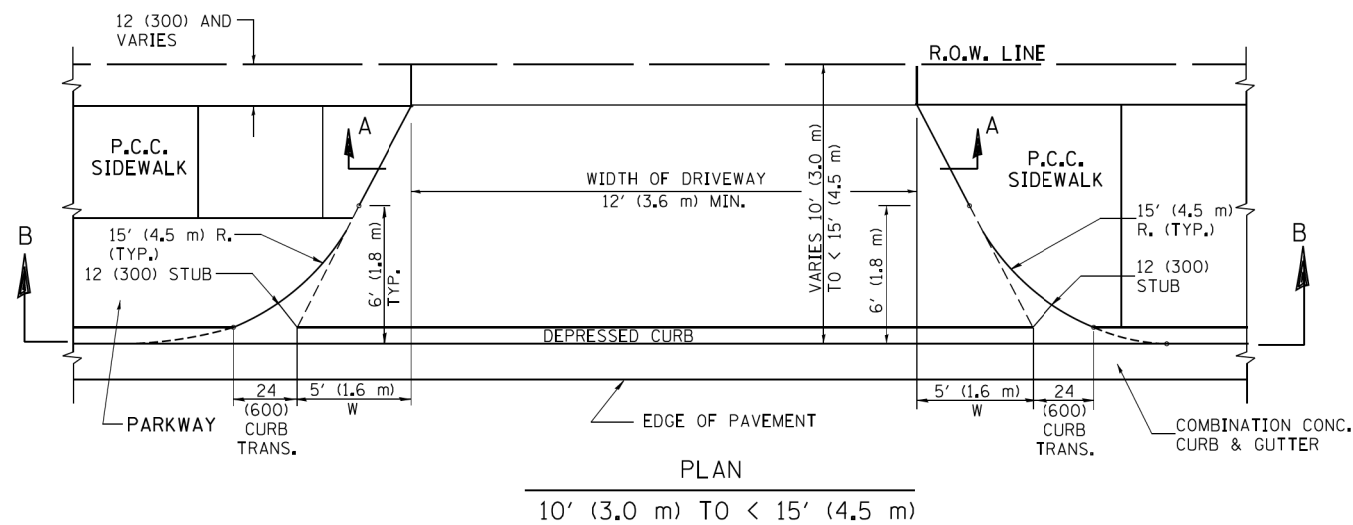
GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = IDOT-StdDetails.dgn	USER NAME = mcobb	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
4755.034	PLOT SCALE = 1:2	DRAWN -	REVISED - R. BORO 01-01-07
IDOT D1 STANDARD BD-01	PLOT DATE = 5/24/2019	CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	30
BD0156-07 (BD-01)			CONTRACT NO. 61F79	
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

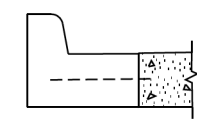
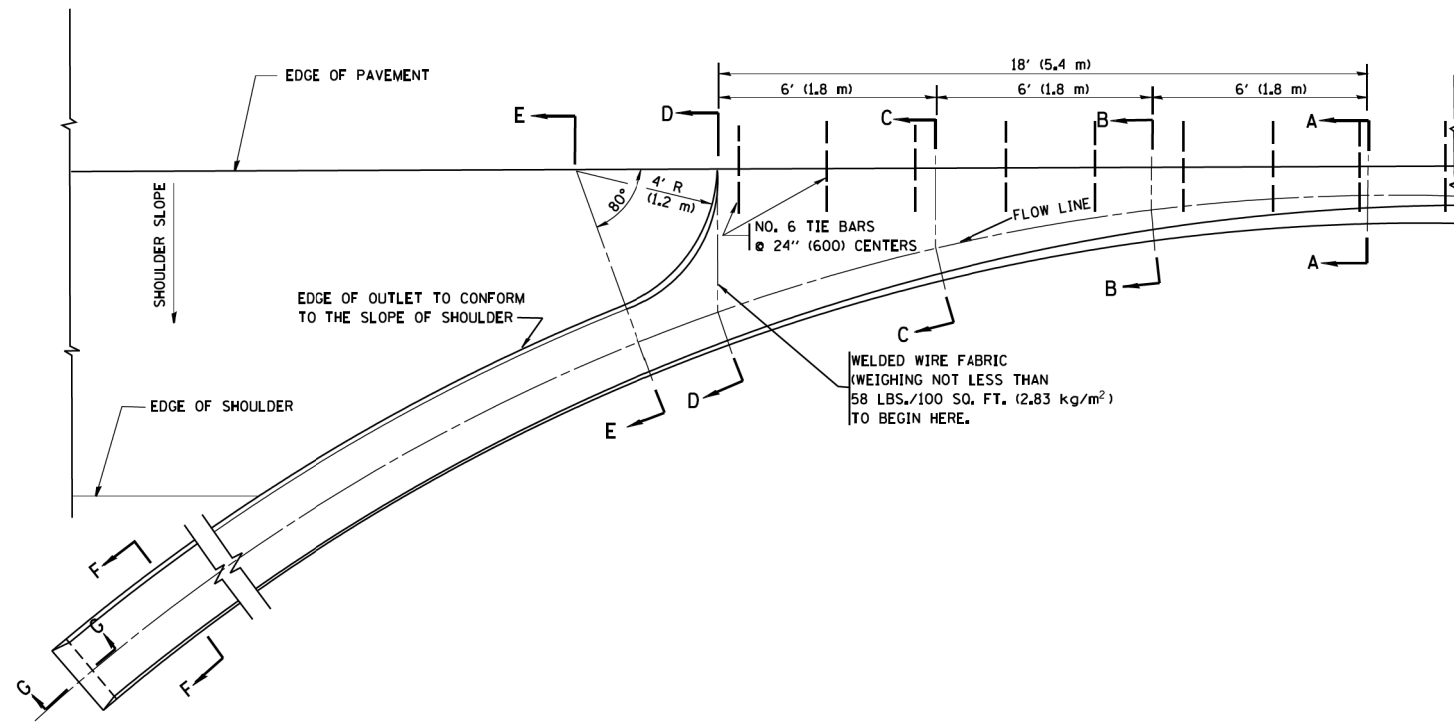
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

GEWALT HAMILTON ASSOCIATES, INC.

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4755.034	PLOT SCALE = 1:2	DRAWN -	REVISED - P. LOFLEUR 04-15-03
IDOT D1 STANDARD BD-02	PLOT DATE = 5/24/2019	CHECKED -	REVISED - R. BORO 01-01-07
		DATE - 11-06-95	REVISED - R. BORO 09-06-11

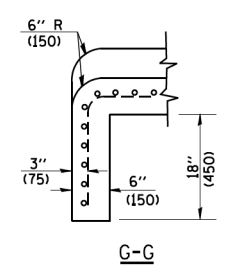
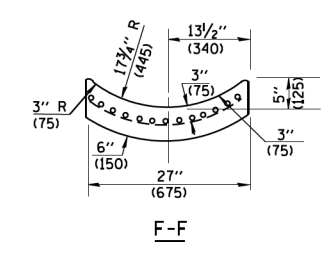
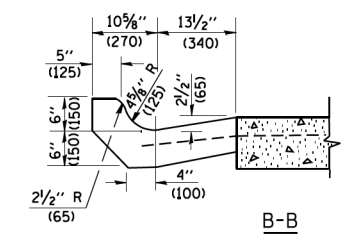
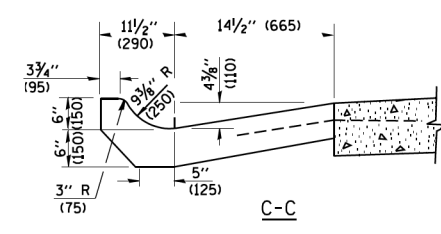
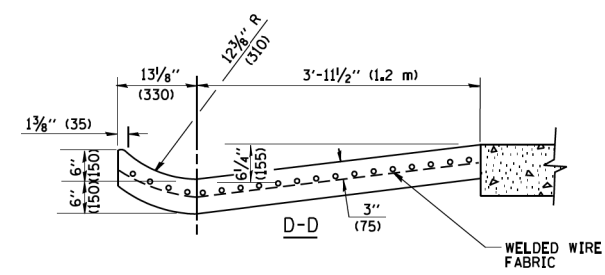
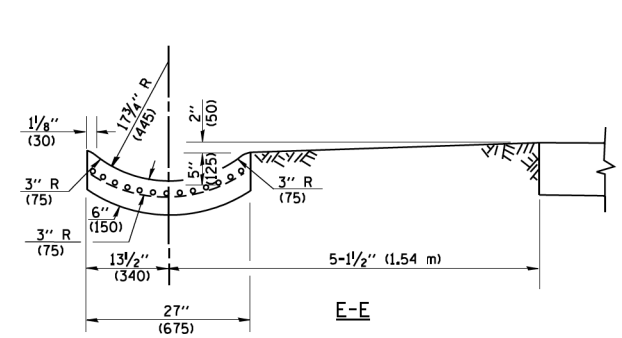
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)		2673	15-00052-00-SW	COOK	47	31
SCALE: NONE		BD400-02 (BD-02)		CONTRACT NO. 61F79		
SHEET NO. 1 OF 1 SHEETS		ILLINOIS		FED. AID PROJECT		



A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\"/>

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9\"/>

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

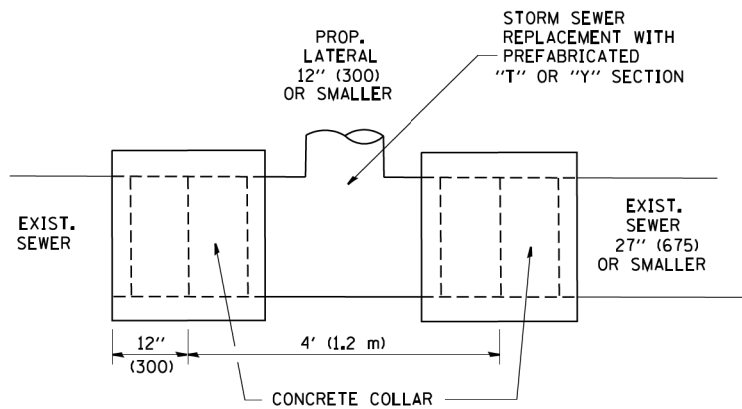
GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = IDOT-StdDetails.dgn	USER NAME = mcobb	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94
4755.034	PLOT SCALE = 1:2	DRAWN - R. SHAH 10-25-94	REVISED - R. SHAH 10-25-94
IDOT D1 STANDARD BD-03	PLOT DATE = 5/24/2019	CHECKED -	REVISED - E. GOMEZ 12-21-00
		DATE - 08-04-86	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

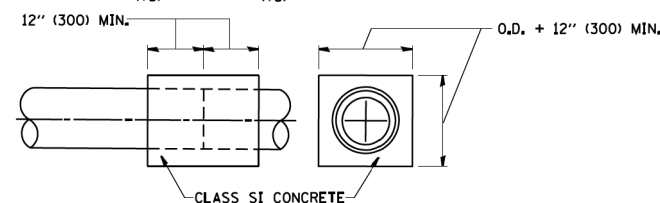
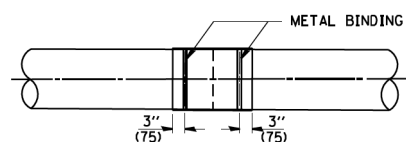
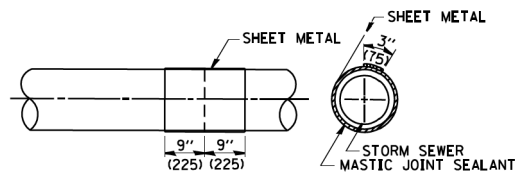
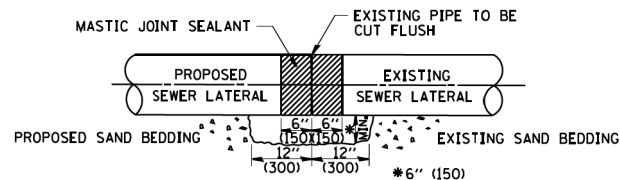
OUTLET FOR CONCRETE CURB AND GUTTER			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	32
BD600-01 (BD-03)		CONTRACT NO. 61F79		
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

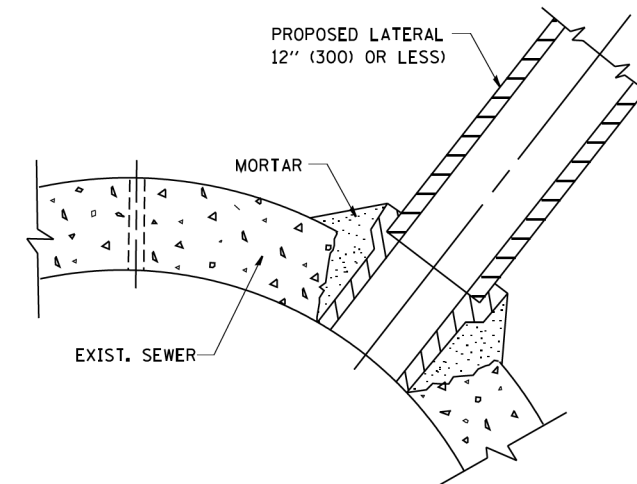


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

GHA GEWALT HAMILTON ASSOCIATES, INC.

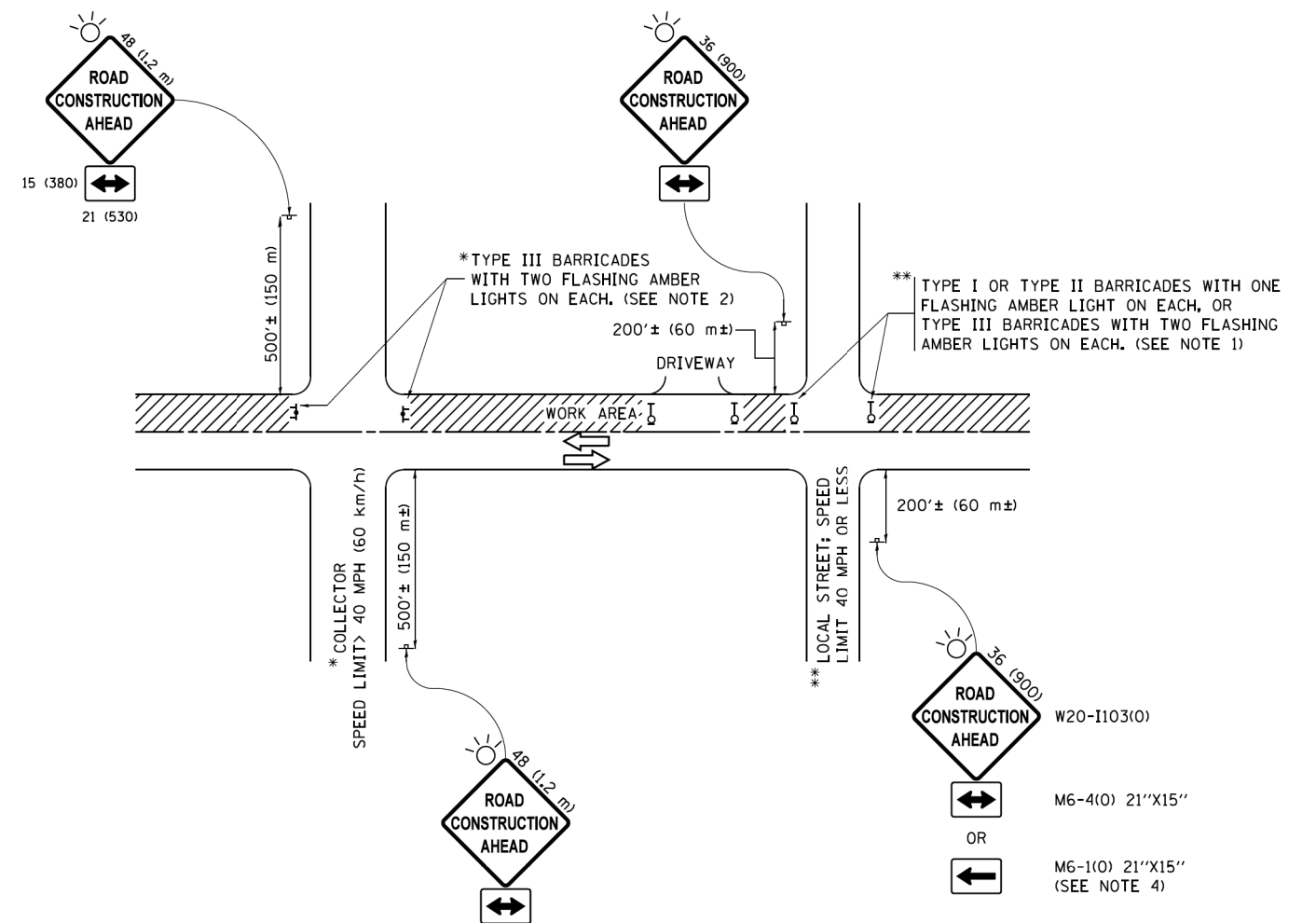
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4755.034	PLOT SCALE = 1:2	DRAWN -	REVISED - R. SHAH 09-09-94
IDOT D1 STANDARD BD-07	PLOT DATE = 5/24/2019	CHECKED -	REVISED - R. SHAH 10-25-94
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	33
BD500-01 (BD-7)			CONTRACT NO. 61F79	
ILLINOIS FED. AID PROJECT				



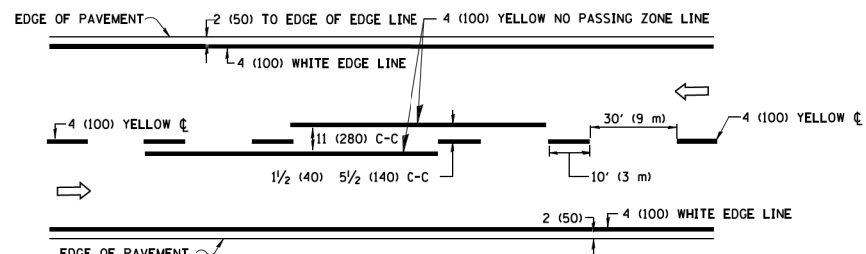
NOTES:

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

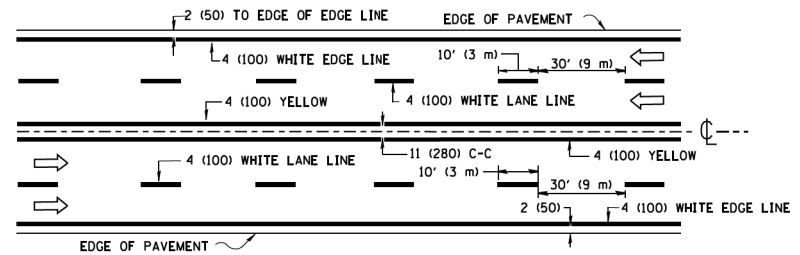
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = mcobb	DESIGNED -	L.H.A.	REVISED -	A. HOUSEH 10-15-96
IDOT-StdDetails.dgn		DRAWN -	ts\CADsheets\tdl.dgn	REVISED -	T. RAMMACHER 01-06-00
4755.034		CHECKED -		REVISED -	A. SCHUETZE 07-01-13
IDOT D1 STANDARD TC-10	PLOT DATE = 5/24/2019	DATE -	06-89	REVISED -	A. SCHUETZE 09-15-16

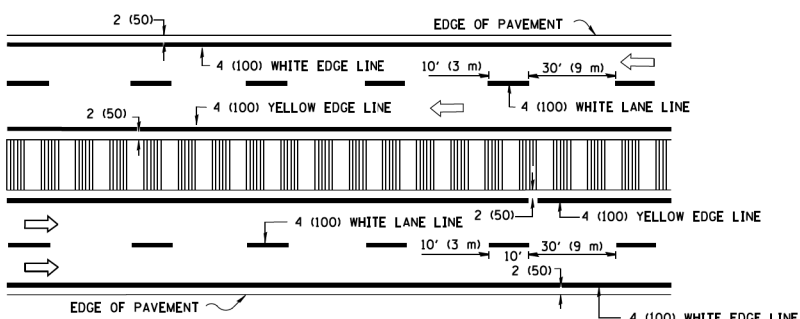
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	34
TC-10			CONTRACT NO. 61F79	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

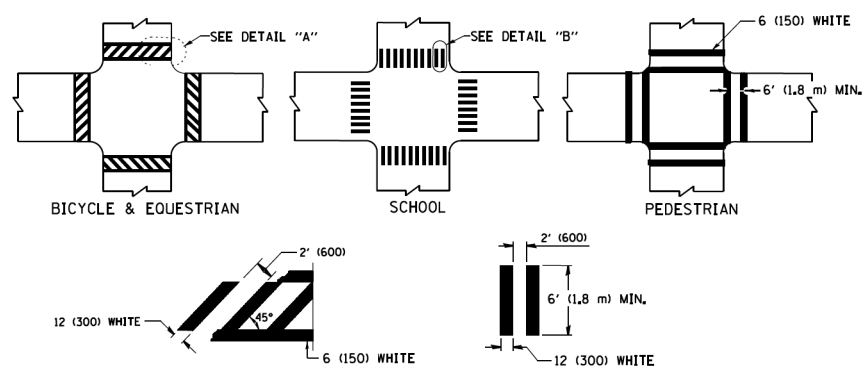


MULTI-LANE UNDIVIDED



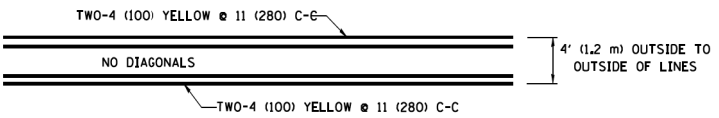
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

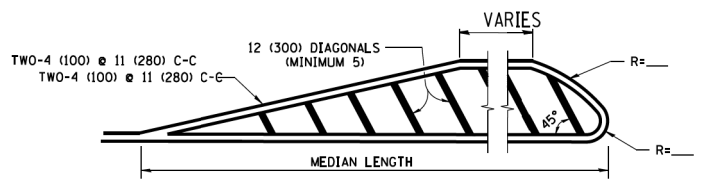


TYPICAL CROSSWALK MARKING

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

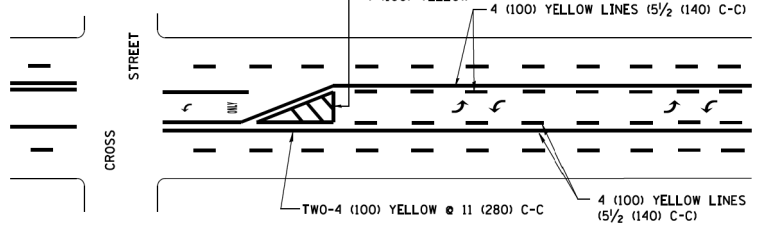


4' (1.2 m) WIDE MEDIANS ONLY



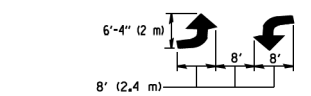
MEDIANS OVER 4' (1.2 m) WIDE

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



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

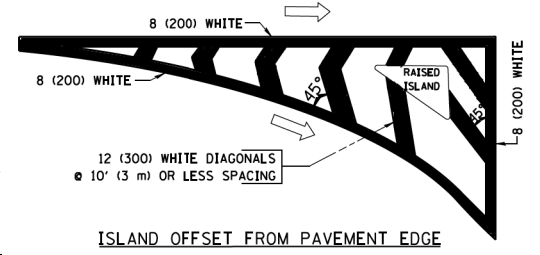
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



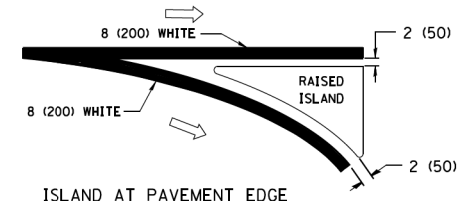
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

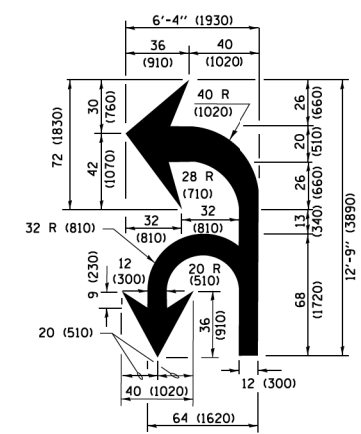
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



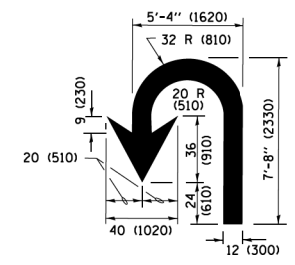
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

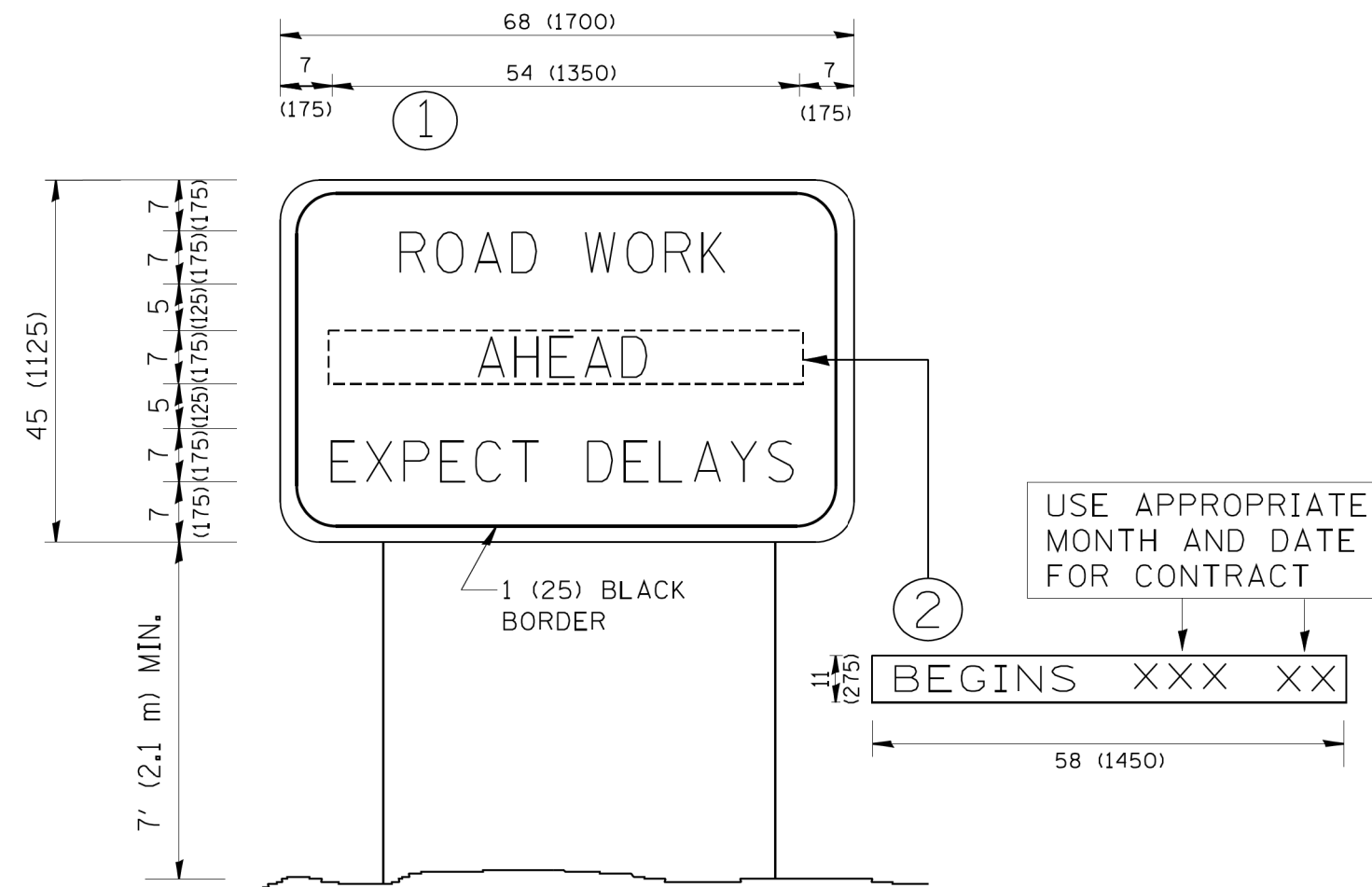
All dimensions are in inches (millimeters) unless otherwise shown.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = IDOT-StdDetails.dgn	USER NAME = mcobb	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
4755.034	PLOT SCALE = 1:2	DRAWN - ta\CAD\sheets\to13.dgn	REVISED - C. JUICIUS 09-09-09
IDOT D1 STANDARD TC-13	PLOT DATE = 5/24/2019	CHECKED -	REVISED - C. JUICIUS 07-01-13
		DATE - 03-19-90	REVISED - C. JUICIUS 12-21-15

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		2673	15-00052-00-SW	COOK	47	35
SCALE: NONE		TC-13		CONTRACT NO. 61F79		
SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



NOTES:

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

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

FILE NAME =	USER NAME = mcobb	DESIGNED -	REVISED - R. MIRS 09-15-97
IDOT-StdDetails.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
4755.034		CHECKED -	REVISED - T. RAMMACHER 02-02-99
IDOT D1 STANDARD TC-22	PLOT DATE = 5/24/2019	DATE -	REVISED - C. JUCIUS 01-31-07

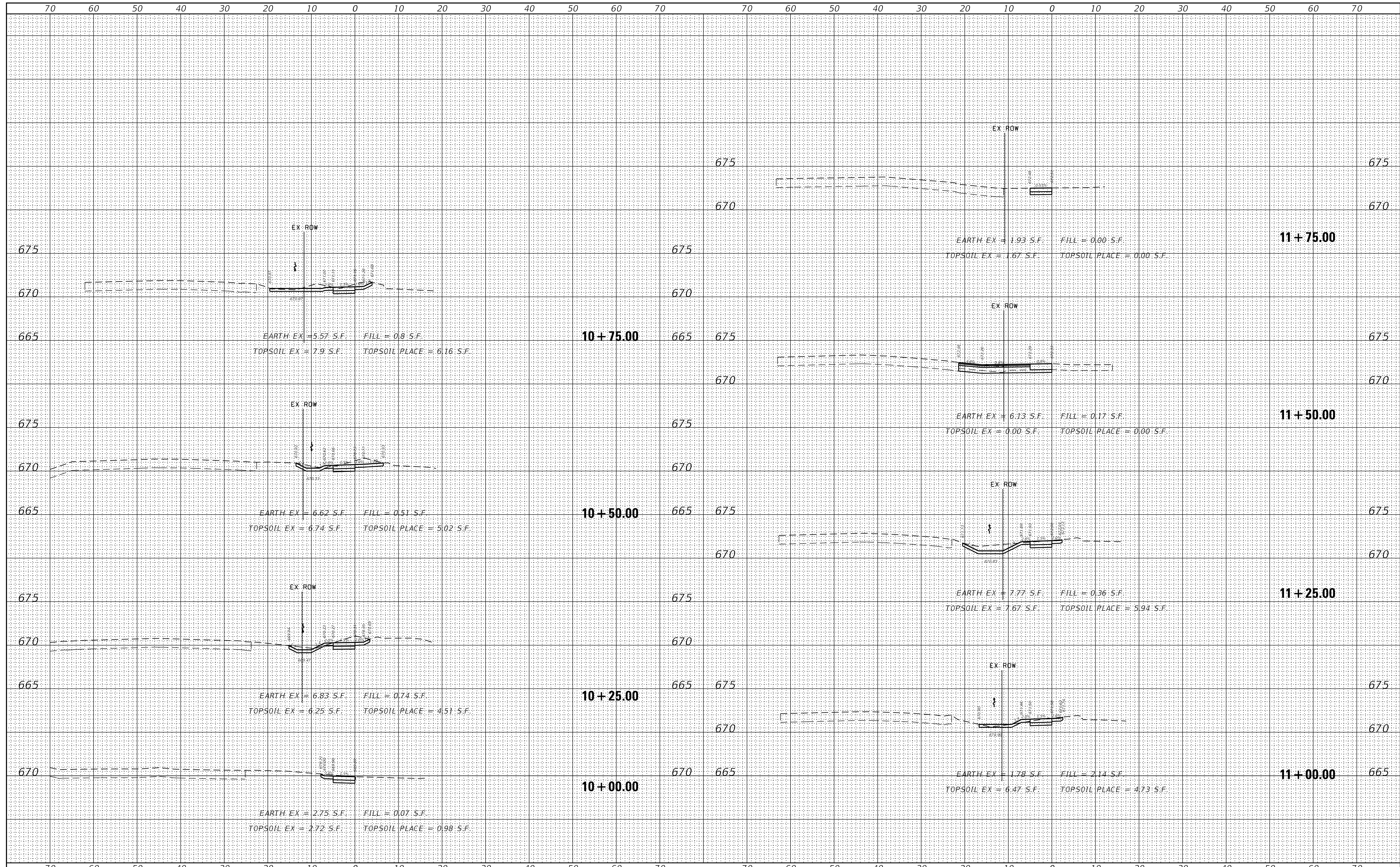
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	36
TC-22			CONTRACT NO. 61F79	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = Xsect-Sheets.dgn
4755.034
XS.SHEET-temporary_model_name.1

USER NAME = MCoileman
DESIGNED - MAC
DRAWN - MAC
CHECKED - KLB
DATE - 11/16/2018
PLOT SCALE = 1:10
PLOT DATE = 5/21/2019

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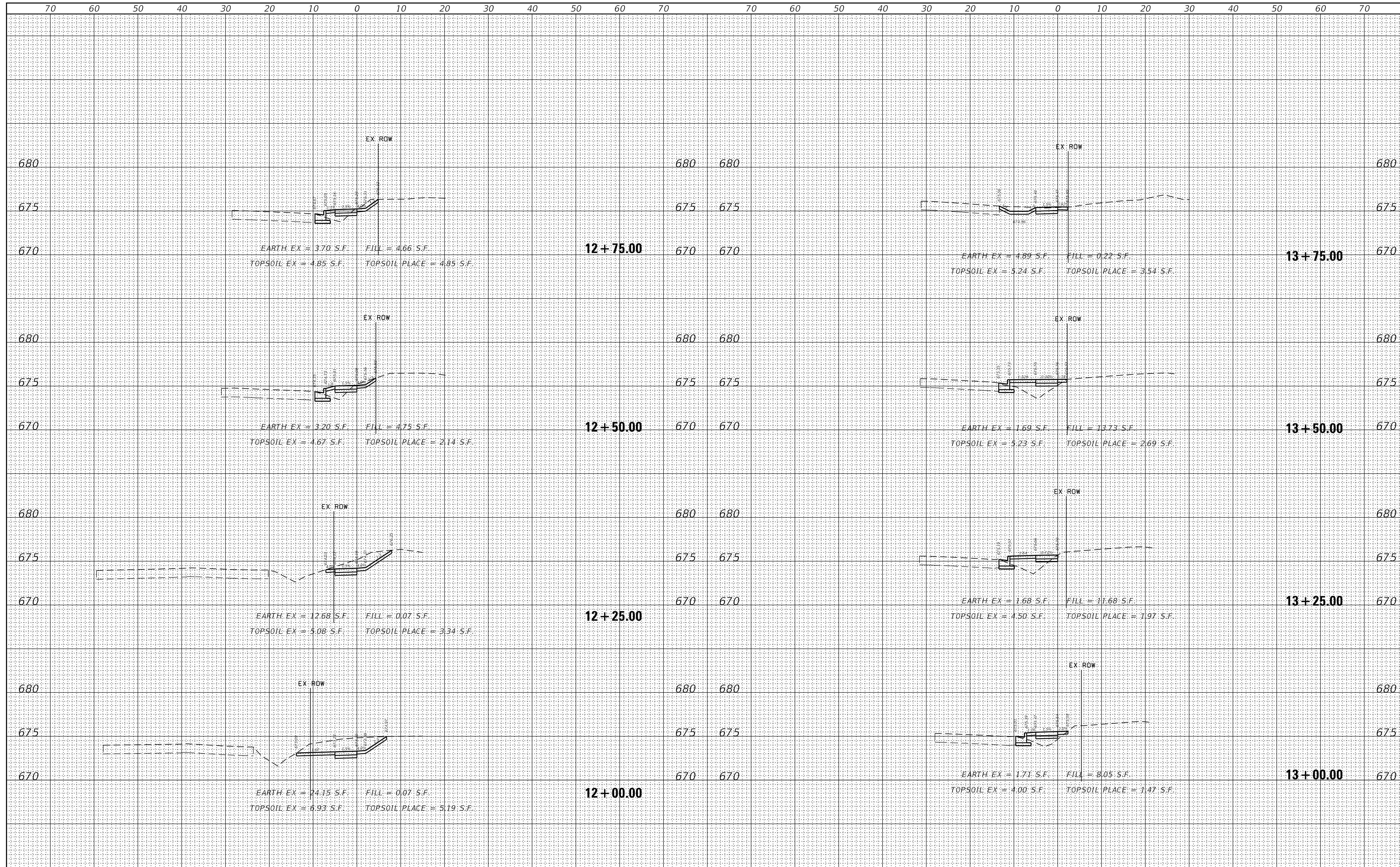
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 1 OF 11 SHEETS STA. 10+00.00 TO STA. 11+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	37
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

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

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



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DESIGNED - MAC
DRAWN - MAC
PLOT SCALE = 1:10
PLOT DATE = 5/21/2019

REVISIED -
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REVISIED -

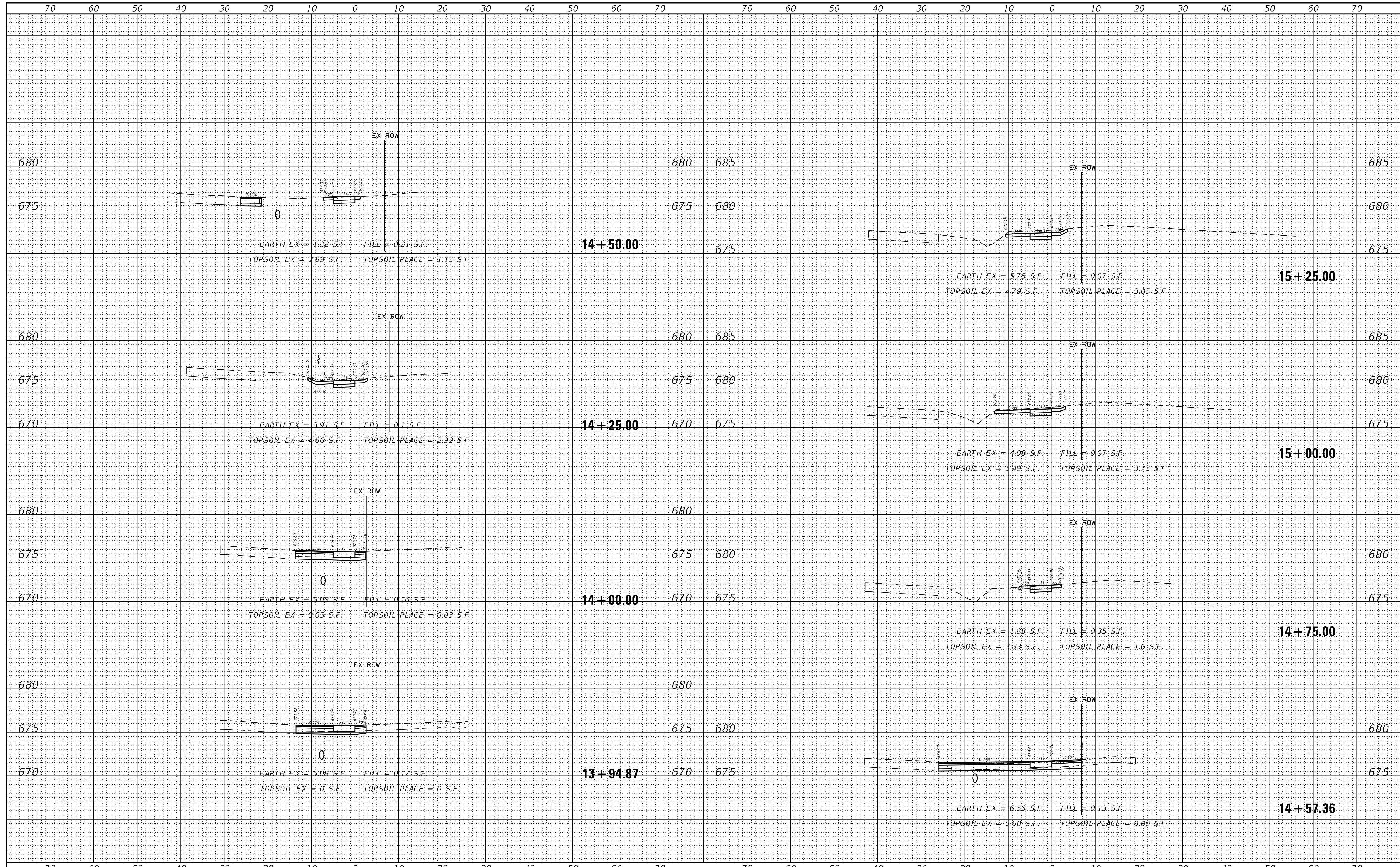
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 2 OF 11 SHEETS STA. 12+00.00 TO STA. 13+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	38
CONTRACT NO.				61F79
ILLINOIS FED. AID PROJECT				

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



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 DESIGNED - MAC
 DRAWN - MAC
 CHECKED - KLB
 DATE - 11/16/2018
 PLOT SCALE = 1:10
 PLOT DATE = 5/21/2019

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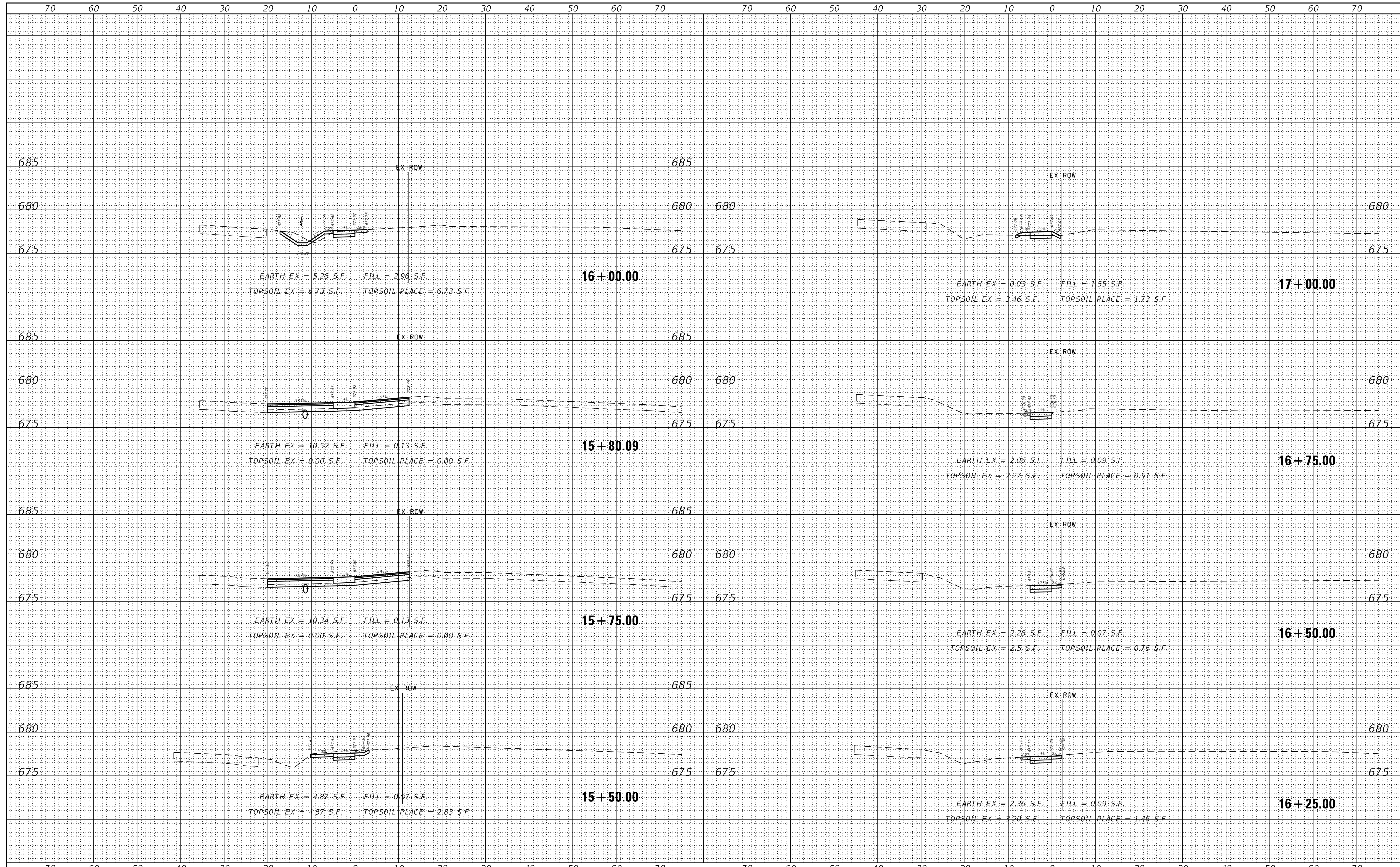
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=10' SHEET 3 OF 11 SHEETS STA. 13+94.87 TO STA. 15+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	39
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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 DESIGNED - MAC
 DRAWN - MAC
 PLOT SCALE = 1:10
 PLOT DATE = 5/21/2019

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -
 DATE - 11/16/2018

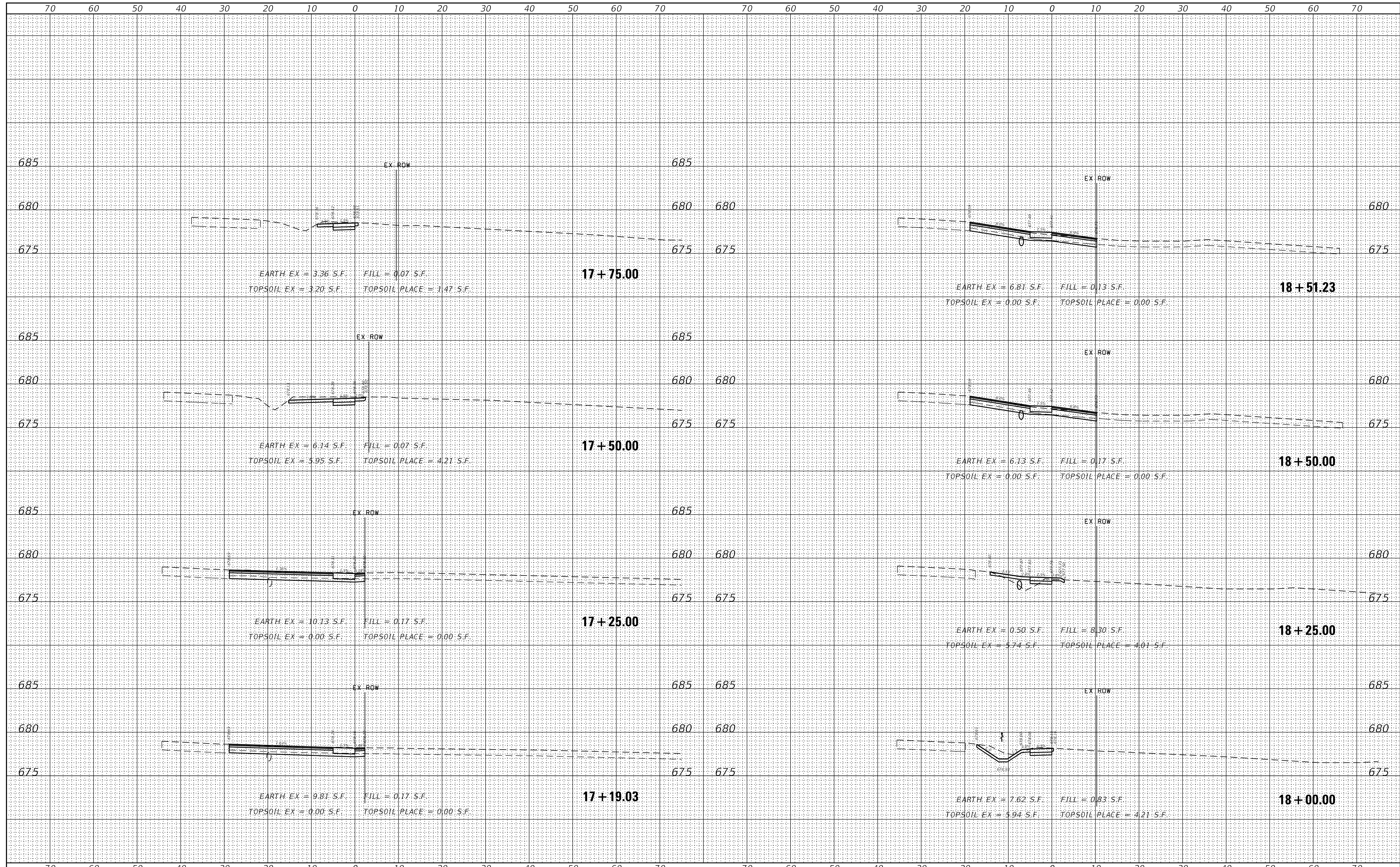
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=10' SHEET 4 OF 11 SHEETS STA. 15+50.00 TO STA. 17+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	40
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NO.:	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



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4755.034
XS.SHEET-temporary.model.name_5

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DESIGNED - MAC
DRAWN - MAC
CHECKED - KLB
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PLOT SCALE = 1:10
PLOT DATE = 5/21/2019

REVISED -
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REVISED -
REVISED -

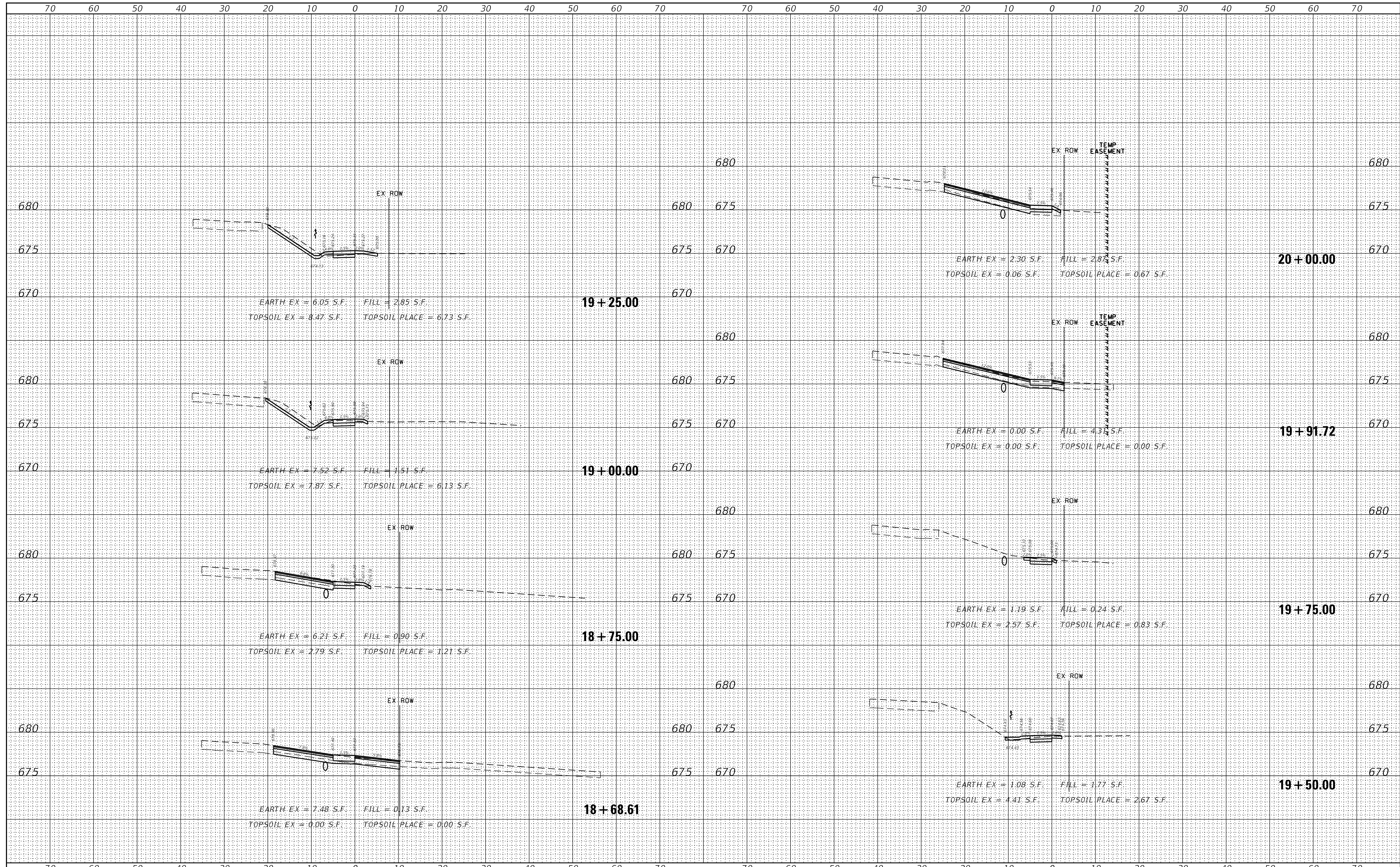
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 5 OF 11 SHEETS STA. 17+19.03 TO STA. 18+51.23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	41
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FILE NAME = Xsect-Sheets.dgn
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USER NAME = MCoileman
 DESIGNED - MAC
 DRAWN - MAC
 PLOT SCALE = 1:10
 PLOT DATE = 5/21/2019

REVISIED -
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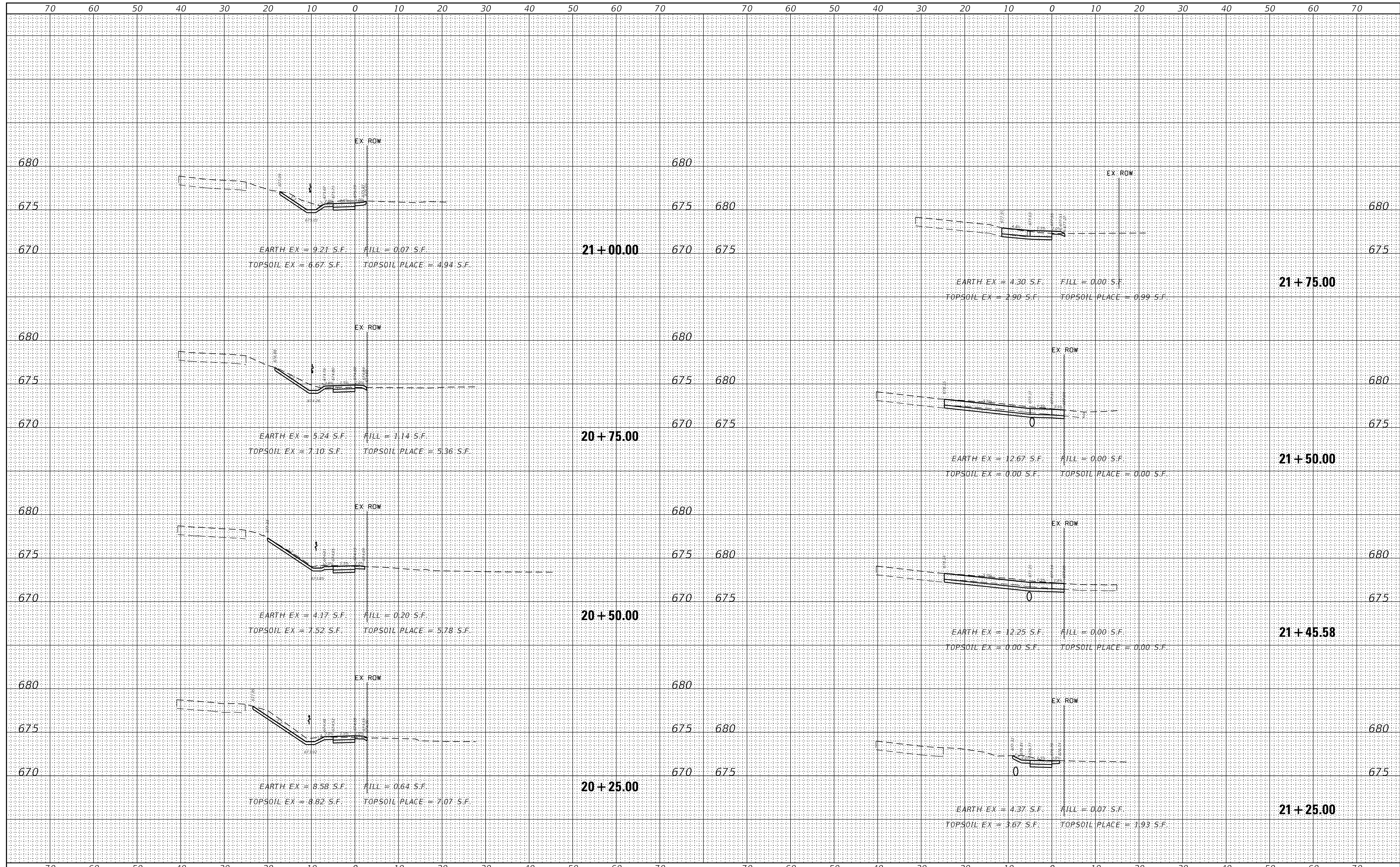
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
 SCALE: H:1"=10' SHEET 6 OF 11 SHEETS STA. 18+68.61 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	42
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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DATE	
BY	
SURVEYED	
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XS.SHEET-temporary_model_name.7

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PLOT DATE = 5/21/2019	DATE - 11/16/2018	REVISIED -

DESIGNED - MAC	REVISIED -
DRAWN - MAC	REVISIED -
CHECKED - KLB	REVISIED -
DATE - 11/16/2018	REVISIED -

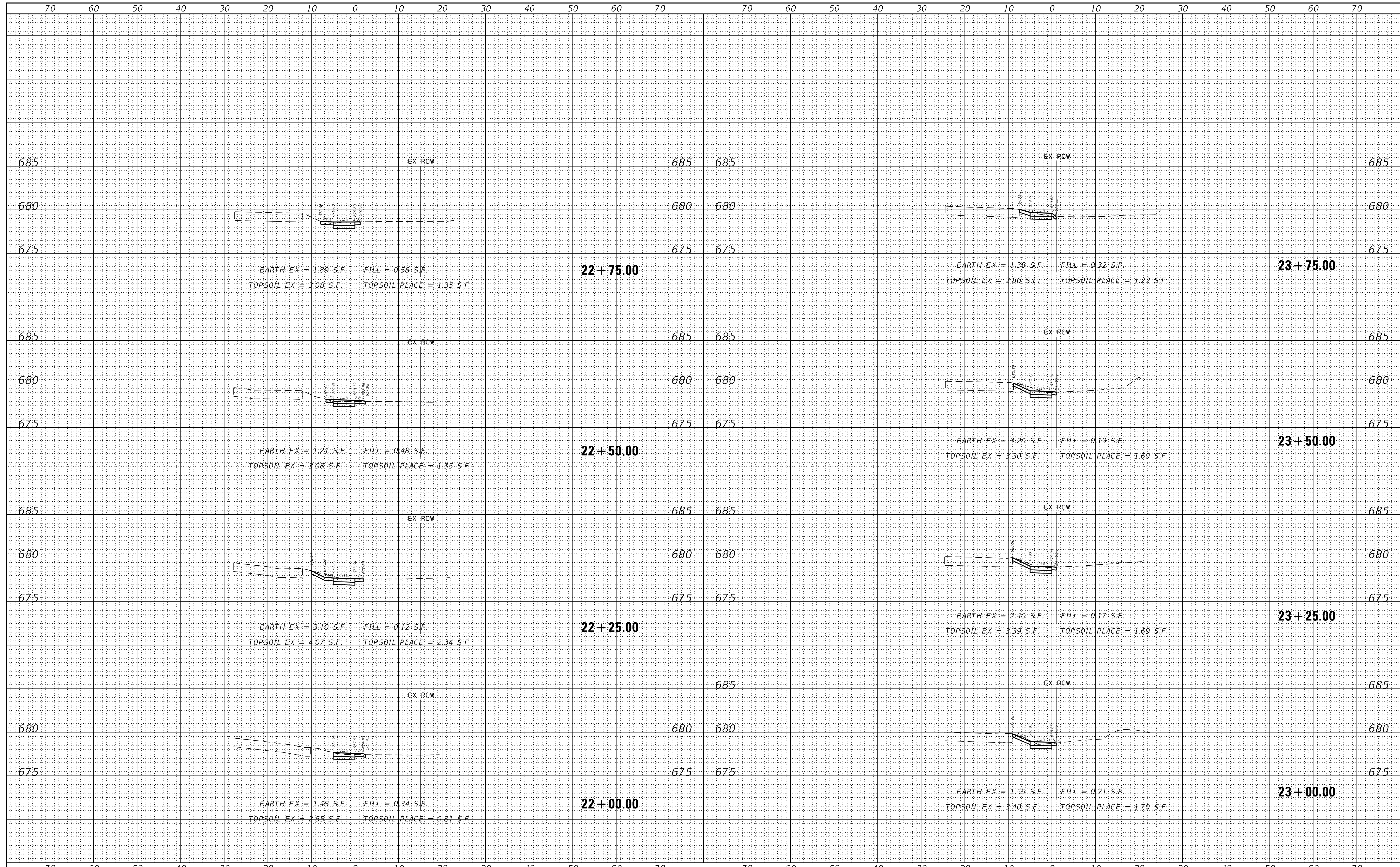
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 7 OF 11 SHEETS STA. 20+25.00 TO STA. 21+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	43
			CONTRACT NO.	61F79
ILLINOIS FED. AID PROJECT				

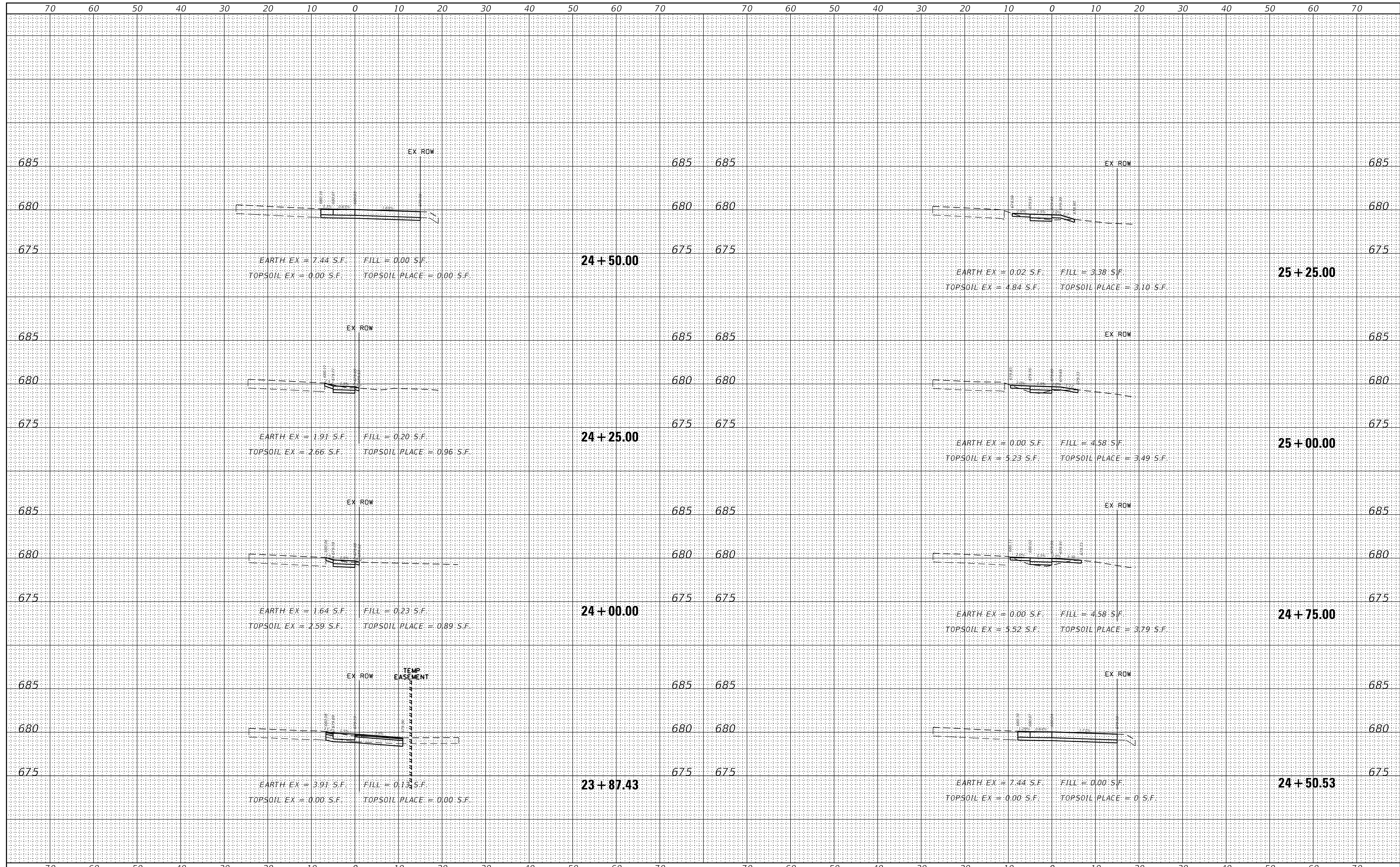
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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4755.034
XS.SHEET-temporary_model_name_9

USER NAME = Mcolem
DESIGNED - MAC
DRAWN - MAC
PLOT SCALE = 1:10
PLOT DATE = 5/21/2019

REVISIED -
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REVISIED -

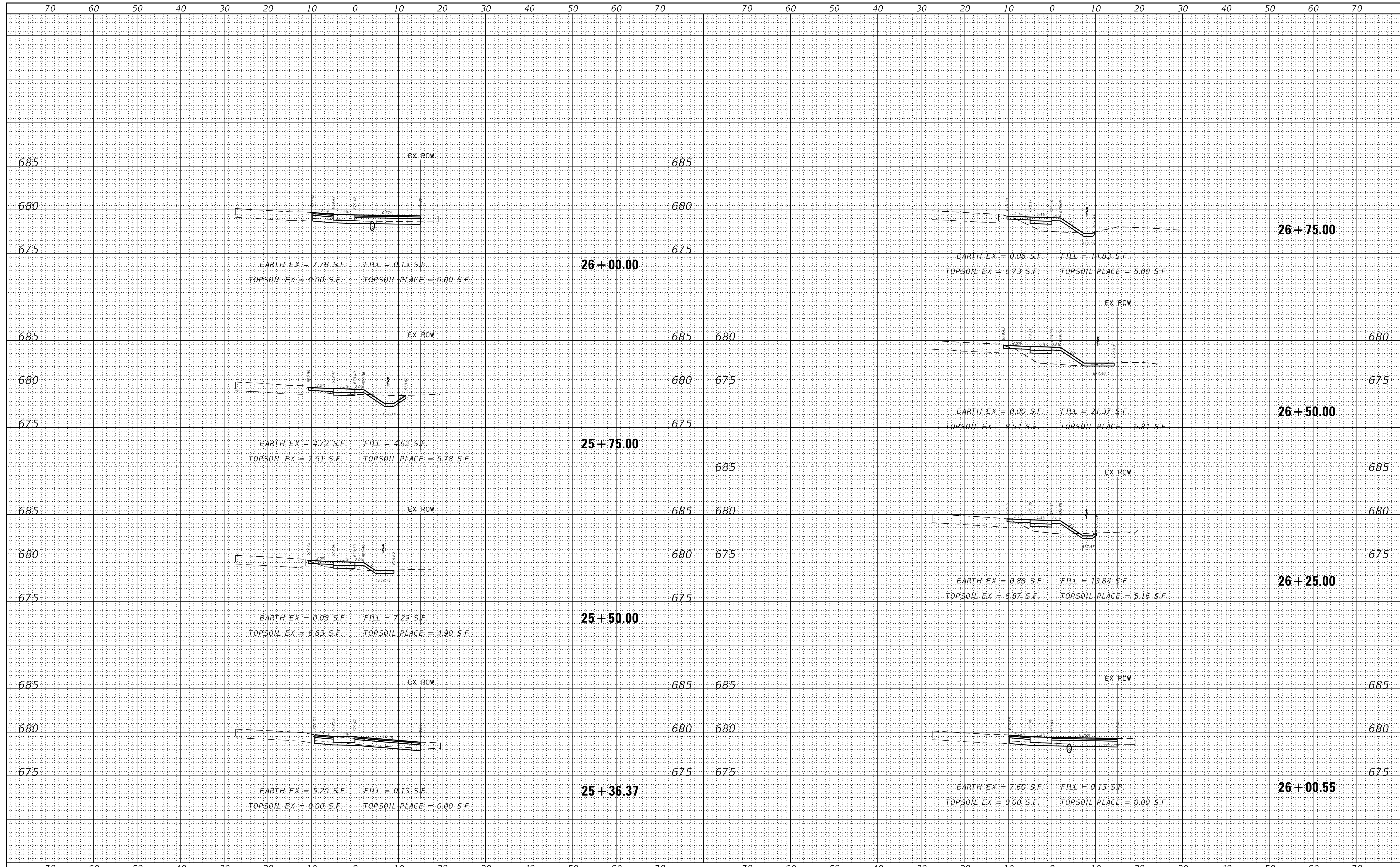
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 9 OF 11 SHEETS STA. 23+87.43 TO STA. 25+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	45
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = Xsect-Sheets.dgn
4755.034
XS.SHEET-temporary_model_name_10

USER NAME = MCoileman
DESIGNED - MAC
DRAWN - MAC
PLOT SCALE = 1:10
PLOT DATE = 5/21/2019

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCHOENBECK SRTS CAMP McDONALD RD TO WILLOW RD
SCALE: H:1"=10' SHEET 10 OF 11 SHEETS STA. 25+36.37 TO STA. 26+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2673	15-00052-00-SW	COOK	47	46
CONTRACT NO.			61F79	
ILLINOIS FED. AID PROJECT				

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

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

