

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	1

CONTRACT NO. 83667

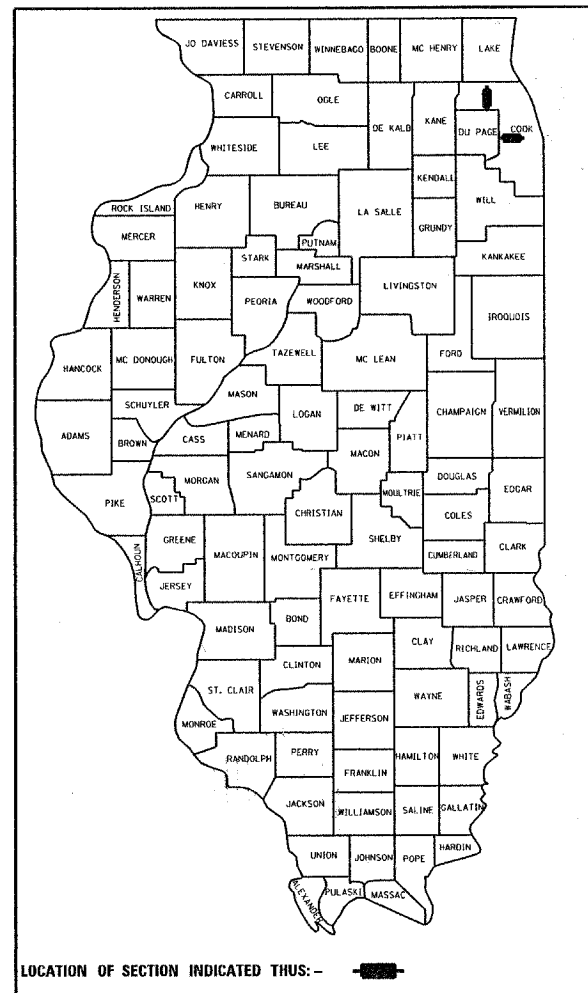
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED
FEDERAL AID PROJECT**

**SALT CREEK GREENWAY TRAIL (COOK COUNTY)
SECTION NO. 05-F3000-01-BT
PROJECT LIMITS: BUSSE WOODS FOREST PRESERVE TO 47TH ST.
SCOPE OF WORK: BIKE PATH
PROJECT NO. CMM-8003(498)
FOREST PRESERVE DISTRICT OF COOK COUNTY**



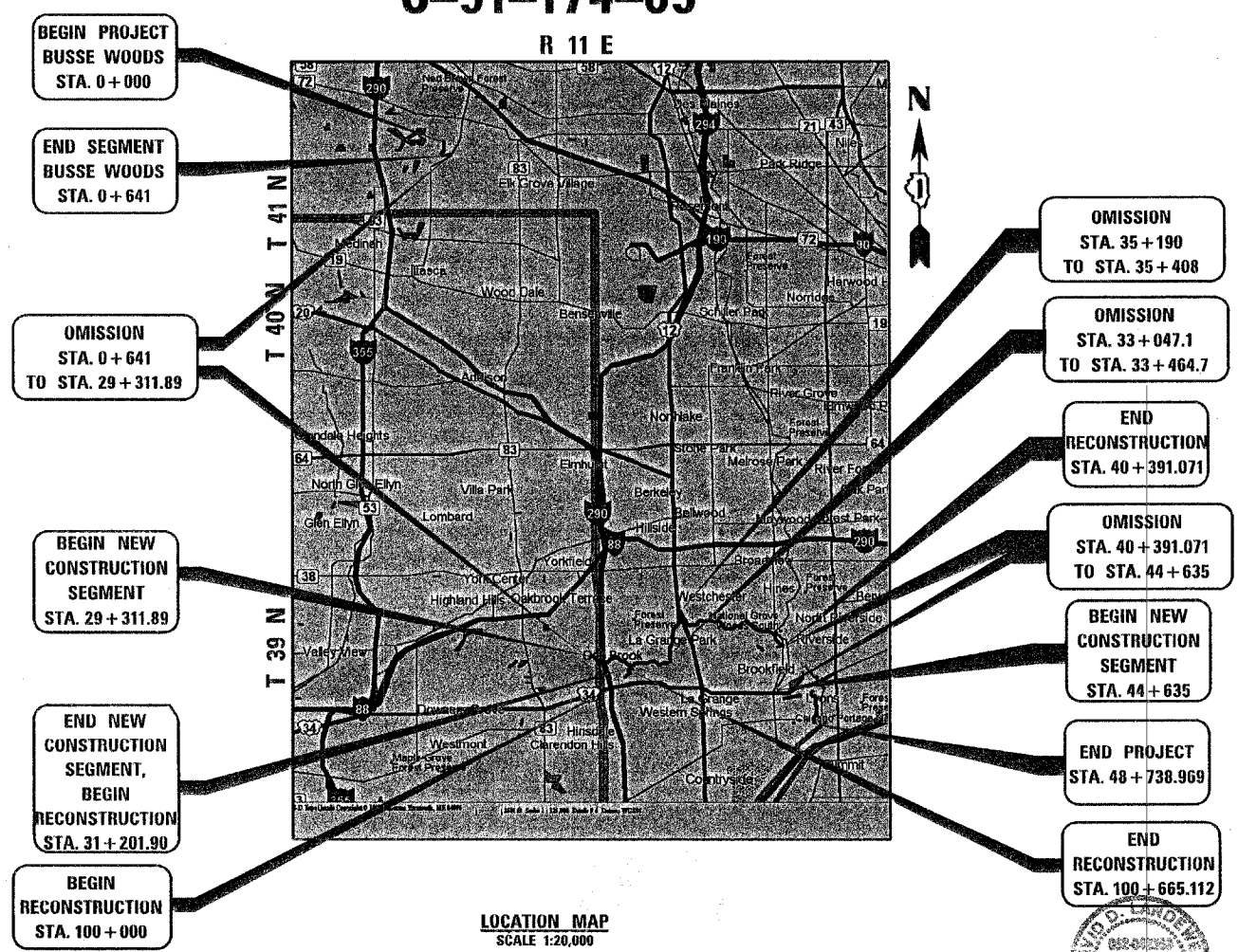
LOCATION OF SECTION INDICATED THUS: - [Symbol] -

DESIGN DESIGNATION
BIKE PATH

DESIGN SPEED LIMIT
20 MPH

C-91-174-05

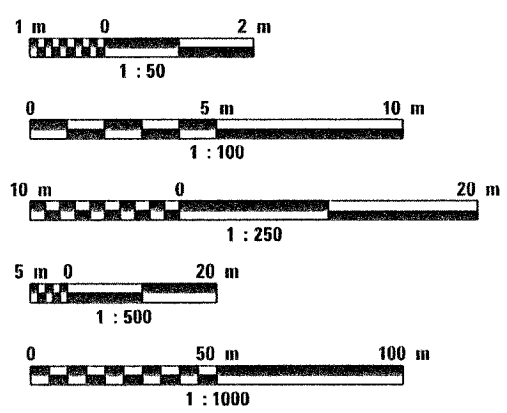
R 11 E



LOCATION MAP
SCALE 1:20,000

GROSS LENGTH = 49,404.081 METERS
NET LENGTH = 15,853.662 METERS

METRIC RATIOS



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

CONTRACT NO. 83667

FOREST PRESERVE DISTRICT OF COOK COUNTY

APPROVED July 12, 2005
Allen Mellis
DIRECTOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 7/21 2005
[Signature]
LOCAL ROADS AND STREETS ENGINEER

APPROVED July 21, 2005
Dine O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PLANS PREPARED BY:

URS 1701 GOLF ROAD, SUITE 1000
ROLLING MEADOWS, IL 60008
TEL. (847) 364-8800
FAX (847) 364-8818



DATE: 7/15/05
Exp. 11/30/05

FEDERAL AID PROGRAM ENGINEER: CHARLES RIDDLE, P.E. (847) 705-4406

PLAN NOTES

GENERAL NOTES BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITY FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).

ALL STATION-OFFSET CALL OUTS AND CURVE DATA ON THE PLANS REFER TO THE PROPOSED CENTERLINE UNLESS OTHERWISE SHOWN.

IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS

SPECIFICATIONS ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", MAY 1996 EDITION, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION, THE DETAILS INCLUDED IN THE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

STANDARDS ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF IDOT AS LISTED ON THIS SHEET.

COORDINATION THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY DEPARTMENT OF TRANSPORTATION, THE VILLAGE OF ELK GROVE, THE VILLAGE OF OAK BROOK, THE FOREST PRESERVE DISTRICT OF COOK COUNTY AND THE VILLAGE OF LYONS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK, AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.

PUBLIC OR PRIVATE UTILITIES THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE DISTRICT DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY OWNERS SO THAT THEIR FACILITIES MAY BE ADJUSTED OR RELOCATED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS UNLESS OTHERWISE NOTED IN THE PLANS. ALL RELOCATION WORK ON EXISTING PRIVATE UTILITIES WILL BE CONSTRUCTED BY THE OWNER OF THAT UTILITY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS/HER OWN EXPENSE.

SURVEY MONUMENTS THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE MONUMENTS ARE REMOVED.

COOK COUNTY PERMIT THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE PERMIT FROM THE COOK COUNTY HIGHWAY DEPARTMENT.

EXISTING DRAINAGE STRUCTURES DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

UNSUITABLE MATERIAL BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL, THE CONTRACTOR SHALL TREAT THE SUBGRADE AS PER ARTICLE 301.03 OF THE "STANDARD SPECIFICATIONS" TO THE SATISFACTION OF THE ENGINEER. UNSUITABLE MATERIAL SHALL NOT BE USED AS EMBANKMENT OR FILL UNDER THE PROPOSED PATH AS SHOWN ON THE TYPICAL CROSS SECTIONS.

STOCKPILES STOCKPILES OF TOPSOIL AND OTHER MATERIALS SHALL NOT BE LOCATED WITHIN A SPECIAL MANAGEMENT AREA. APPROVAL OF THE LOCATION MUST BE OBTAINED FROM THE ENGINEER PRIOR TO PLACEMENT. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THE EROSION CONTROL MEASURES SHALL BE PROVIDED.

TREE TRIMMING ALL BRANCHES THAT ARE LESS THAN 12 FEET ABOVE THE SURFACE OF THE TRAIL SHALL BE REMOVED BY A CERTIFIED ARBORIST. THIS WORK WILL BE PAID FOR AS PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE.

ACCESS TO ABUTTING PROPERTY THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.

SAW CUTTING THE LIMITS OF REMOVAL OF ALL CONCRETE OR BITUMINOUS PAVEMENTS, CURBING OR SIDEWALK ADJACENT TO EXISTING LIKE PAVEMENTS, CURBING OR SIDEWALKS SHALL BE SAWCUT IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS" AND AT THE DIRECTION OF THE ENGINEER. THE SAW CUTTING OF BITUMINOUS PAVEMENT, DRIVEWAYS, CURBING OR SIDEWALK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND WILL NOT BE PAID FOR AS SEPARATE ITEMS.

SIDEWALKS SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE PROVIDED AT ALL ROADWAY AND CURBED DRIVEWAY INTERSECTIONS AS SHOWN IN THE STANDARDS. ADJACENT PAVEMENT OR SIDEWALK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR. THE COST FOR THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

RESTORATION GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH 150 mm TOPSOIL AND SEED OR SOD AS SPECIFIED. PAYMENT SHALL BE ACCORDING TO THE ITEMS USED. USE BLANKET IN SEEDED AREAS LOCATED WITHIN FLOW LINES, ALONG THE SHORELINE OF THE CREEK, AND ON SLOPES 1:3 OR GREATER.

SEDIMENTATION AND EROSION CONTROL NOTES

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
- C. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING OF THE SOIL.
- D. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- E. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- F. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- G. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- H. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL PRIOR TO THE START OF ANY EARTHWORK.
- I. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES SHALL BE PROVIDED.
- J. EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE DUPAGE COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	2
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

HIGHWAY STANDARDS

000001-4	STANDARD SYMBOLS, ABBREVIATIONS AND PATERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	CURB RAMPS FOR SIDEWALK
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
606001-02	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB AND GUTTER
701101-01	OFF ROAD OPERATIONS, MULTILANE LESS THAN 4.5M (15') AWAY FOR SPEEDS > 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE MORE THAN 4.5M (15') AWAY FOR SPEEDS > 45 MPH
701602-02	URBAN LANE CLOSURE, MULTILANE 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-04	URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	URBAN LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
880006	TRAFFIC SIGNAL MOUNTING DETAILS

FLOODPLAIN MANAGEMENT

THE COMPENSATORY STORAGE SHALL BE PROVIDED AND OPERATED PRIOR TO PLACEMENT OF THE FILL, STRUCTURES OR OTHER MATERIALS IN THE REGULATORY FLOODPLAIN.

CONSTRUCTION ACCESS LOCATIONS

THE CONSTRUCTION ACCESS LOCATIONS SHALL AVOID WETLAND, WETLAND BUFFER AND RIPARIAN AREAS.

REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL: (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX: (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

GENERAL CONSTRUCTION NOTES AND HIGHWAY STANDARDS

DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	3
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

CODE NO	PAY ITEM	UNIT	TOTAL QUANTITY	FOREST PRES. DIST. COOK COUNTY BUSSE WOODS (1)		FOREST PRES. DIST. COOK COUNTY (2)		VILLAGE OF LYONS (3)	
				BIKEWAY	SIGNALS	BIKEWAY	SIGNALS	BIKEWAY	SIGNALS
				Y047	Y03IF	Y047	Y03IF	Y047	Y03IF
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,073	48		3025			
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,185			1185			
20101200	TREE ROOT PRUNING	EACH	9			9			
M2020010	EARTH EXCAVATION	CU M	473	10		463			
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	8,357	1073		7204		80	
M2040800	FURNISHED EXCAVATION	CU M	6,972	1311		5613		48	
M2070420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU M	960	120		820		20	
M2080150	TRENCH BACKFILL	CU M	34	6		28			
M2101000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ M	22,158	2693		19120		345	
M2113150	TOPSOIL FURNISH AND PLACE, 150 MM	SQ M	31,666	2724		28809		133	
M2500115	SEEDING, CLASS 1B	HA	1.8	0.1		1.6		0.1	
M2500312	SEEDING, CLASS 4A	HA	1.6	0.2		1.3		0.1	
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	319	28		289		2	
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	319	28		289		2	
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	319	28		289		2	
M2510105	MULCH, METHOD 1	HA	3.3	0.3		2.9		0.1	
M2510630	EROSION CONTROL BLANKET	SQ M	1,500	200		1300			
M2520110	SODDING, SALT TOLERANT	SQ M	100			100			
M2520200	SUPPLEMENTAL WATERING	UNIT	7	1		5		1	
28000300	TEMPORARY DITCH CHECKS	EACH	21	4		17			
M2800400	PERIMETER EROSION BARRIER	METER	2,687	455		2232			
28000500	INLET AND PIPE PROTECTION	EACH	17	3		14			
M3511150	AGGREGATE BASE COURSE, TYPE B 150 MM	SQ M	15,844	1941		13674		229	
M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	42,839	1941		40669		229	
M4205200	PROTECTIVE COAT	SQ M	78	10		54		14	
M4240150	PORTLAND CEMENT CONCRETE SIDEWALK 150MM	SQ M	140	6		116		18	
M4402000	PAVEMENT REMOVAL	SQ M	27,895			27895			
M4402045	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	METER	71	11		45		15	
M4402050	SIDEWALK REMOVAL	SQ M	134			14		120	
M5010522	PIPE CULVERT REMOVAL	METER	28			28			
M542E112	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 300MM	EACH	12			12			
M542E120	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 450MM	EACH	20	6		14			
M542H020	PIPE CULVERTS, CLASS A, TYPE 1 300MM	METER	34			34			
M542H030	PIPE CULVERTS, CLASS A, TYPE 1 450MM	METER	70	22		48			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2			2			
60255500	MANHOLES TO BE ADJUSTED	EACH	1			1			
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	1			1			
M6320030	GUARDRAIL REMOVAL	METER	17			17			
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12			12			
67100100	MOBILIZATION	L SUM	1			1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1			1			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1			1			
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	1			1			

REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

SUMMARY OF QUANTITIES

DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	4
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

CODE NO	PAY ITEM	UNIT	TOTAL QUANTITY	FOREST PRES. DIST. COOK COUNTY BUSSE WOODS (1)		FOREST PRES. DIST. COOK COUNTY (2)		VILLAGE OF LYONS (3)	
				BIKEWAY	SIGNALS	BIKEWAY	SIGNALS	BIKEWAY	SIGNALS
				Y047	Y031-IF	Y047	Y031-IF	Y047	Y031-IF
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1			1			
M7200100	SIGN PANEL - TYPE 1	SQ M	28.5	2.6		14.7		11.2	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1					
M7290100	METAL POST - TYPE A	METER	247.0	20.1		150.4		76.5	
* M7800115	THERMOPLASTIC PAVEMENT MARKING - LINE 150MM	METER	426	109		221		96	
* M7800125	THERMOPLASTIC PAVEMENT MARKING - LINE 300MM	METER	197	38		111		48	
* M7800140	THERMOPLASTIC PAVEMENT MARKING - LINE 600MM	METER	30	11		11		8	
* M7800205	PAINT PAVEMENT MARKING - LINE 100MM	METER	14,002	641		13278		83	
* M7800240	PAINT PAVEMENT MARKING - LINE 600MM	METER	41	3		33		5	
* M7830100	PAVEMENT MARKING REMOVAL	SQ M	23	9		8		6	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		1		1		1
* M8731210	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	158		59		67		32
* M8731220	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	210		64		97		49
* M8731250	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	64		64				
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		2		1		1
* 89502200	MODIFY EXISTING CONTROLLER	EACH	3		1		1		1
* M8950230	REMOVE ELECTRIC CABLE FROM CONDUIT	METER	64		64				
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1				
Δ Z0076600	TRAINEES	HOUR	500			500			
* A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	4		12			
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	21	3		18			
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1			1			
MX406012	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	M TON	5,120	232		4860		28	
* X0444100	BENCHES	EACH	2					2	
* X8800040	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2				
* X8810610	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	6		2		2		2
* X0321322	DROP GATE	EACH	17	2		15			
MX032529	SEGMENTAL CONCRETE BLOCK WALL	SQ M	193			193			
* XX004440	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	5		5				
* XX004441	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED, RETROFIT	EACH	3		3				
* XX004442	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	1		1				
* XX004443	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED, RETROFIT	EACH	1		1				
* XX004444	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, RETROFIT	EACH	2		2				
* XX004980	REOPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1		0.5		0.5		
* MX030567	RUSTIC RAIL FENCE	METER	289			289			
* MX030565	ALUMINUM SIGN POST, SPECIAL	METER	107.6	10.5		42.0		55.1	
* XX001683	INFORMATION KIOSK	EACH	1					1	
* XX006082	INFORMATION KIOSK GRAPHIC PANEL	EACH	3					3	
XX006370	REMOVE DROP GATES	EACH	6			6			
M4218000	DETECTABLE WARNINGS	SQ M	37.8	1.8		30.6		5.4	
* XX006371	LOCAL TRAIL MAP, 4' X 6', FURNISH AND INSTALL	EACH	5	3		2			

Δ Y080
* SPECIALTY ITEMS

Z

REVISIONS		
NO.	NAME	DATE

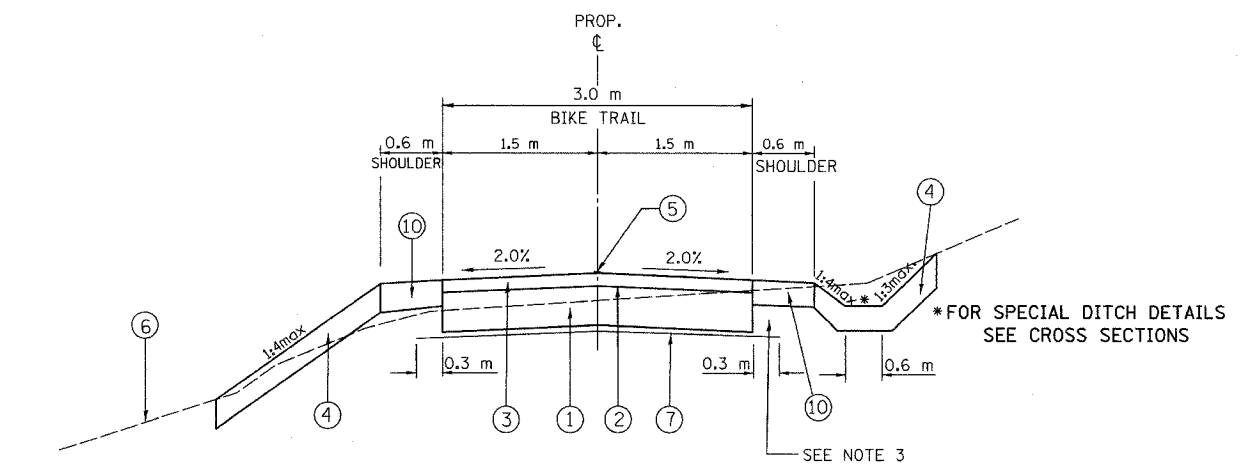
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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

SUMMARY OF QUANTITIES

DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

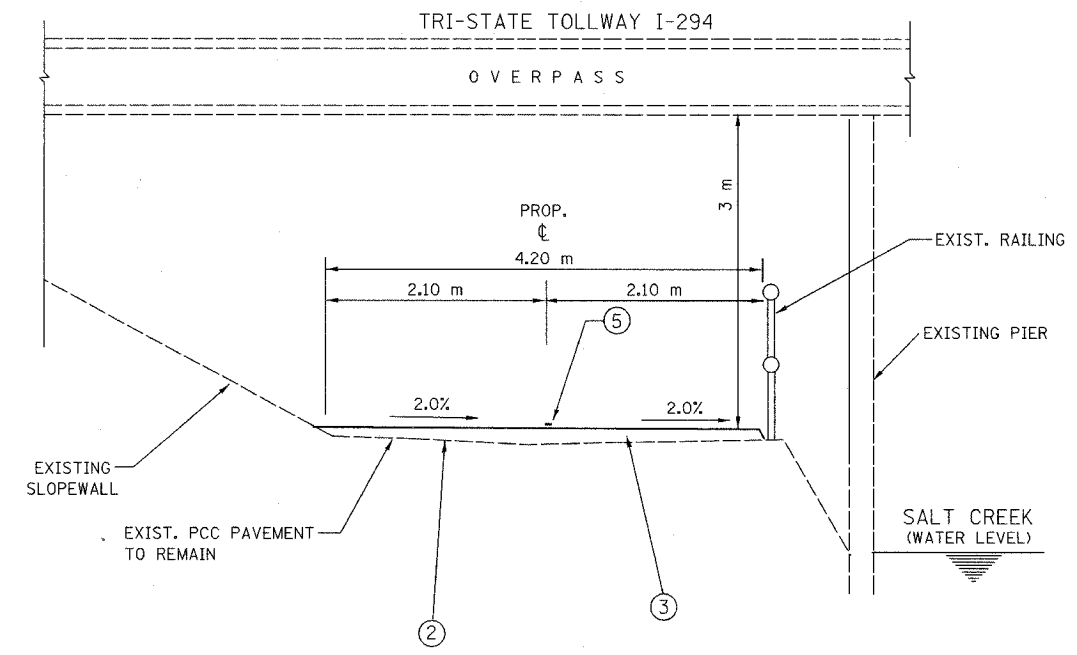
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	5
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROPOSED TYPICAL SECTION
 STA. 0+000 TO STA. 0+641.090
 STA. 29+311.9 TO STA. 29+328.1
 STA. 29+374.6 TO STA. 31+201.9
 STA. 44+635.0 TO STA. 45+243.4
 STA. 45+262.5 TO STA. 45+315.0
 STA. 46+940.0 TO STA. 47+852.8
 STA. 47+868.1 TO STA. 48+465.0

OMISSION STA. 31+201.9 TO STA. 31+214 - WOLF ROAD
 STA. 45+244.79 TO STA. 45+261.82 - OGDEN AVENUE
 STA. 45+314.268 TO STA. 46+940 - ON-STREET ROUTE
 STA. 47+852.8 TO STA. 47+868.1 - JOLIET ROAD

- LEGEND:**
- ① AGGREGATE BASE COURSE, TYPE B, 150 mm
 - ② BITUMINOUS PRIME COAT
 - ③ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", N50, 50 mm
 - ④ 150 mm TOP SOIL AND SEEDING CLASS 4A
 - ⑤ PAINT PAVEMENT MARKING, 100 mm YELLOW
 - ⑥ EXISTING GROUND
 - ⑦ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ⑧ PRECAST BLOCK RETAINING WALL
 - ⑨ EXISTING SIDEWALK TO BE REMOVED
 - ⑩ 150 mm TOP SOIL AND SEEDING, CLASS 1 B
 - ⑪ EARTH EXCAVATION
 - ⑫ SUITABLE EMBANKMENT MATERIAL (NO TOPSOIL)
 - ⑬ LIMESTONE SCREENINGS 50 mm
 - ⑭ SUITABLE OR UNSUITABLE EMBANKMENT MATERIAL
 - ⑮ 100 mm AGGREGATE SHOULDER
 - ⑯ PRECAST BLOCK RETAINING WALL CAP
 - ⑰ POROUS GRANULAR BACKFILL
 - ⑱ PCC SIDEWALK 150 mm
 - ⑲ P.G.E. SUBGRADE 300 mm



PROPOSED TYPICAL SECTION
 STA. 29+328.1 TO STA. 29+374.6

- NOTE 1:**
 AT LOCATIONS OF UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF UNSUITABLE MATERIAL TO A DEPTH 300 mm BELOW AGGREGATE BASE COURSE AND PLACEMENT OF 300 mm OF POROUS GRANULAR EMBANKMENT SUBGRADE AND A GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.
- NOTE 2:**
 THE CONTRACTOR SHALL CONSTRUCT THE PATH SO THAT THE CROSS SLOPE IS IN THE DIRECTION OF THE GROUND SLOPE WHERE SHEET FLOW ACROSS THE PATH WILL OCCUR. WHERE SHEET FLOW ACROSS THE PATH IS NOT A CONCERN DUE TO THE PRESENCE OF A SWALE ON THE UPSTREAM SIDE, THE CONTRACTOR SHALL SLOPE THE PATH OUT FROM THE CENTERLINE.
- NOTE 3:**
 ADDITIONAL FILL MATERIAL TO BE PLACED ABOVE FABRIC IN CUT SECTIONS SHALL NOT BE MEASURED FOR PAYMENT. MATERIAL SHALL BE SUITABLE EMBANKMENT MATERIAL.
- NOTE 4:**
 AT ALL INTERSECTIONS BIKE PATH AND STREETS/DRIVEWAYS DEPRESS THE CURB (IF APPLICABLE) AND KEEP EXISTING PAVEMENT ELEVATIONS.

ITEM	AC TYPE	VOIDS	RAP %	USAGE
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX. C, N50	PG 64-22	4% @ 50 GYR	15%	BIKE PATH SURFACE

DESIGNER USED UNIT WEIGHT 112 LBS/SQ YD/IN (2.39 KG/SM/MM) FOR CALCULATION PURPOSES

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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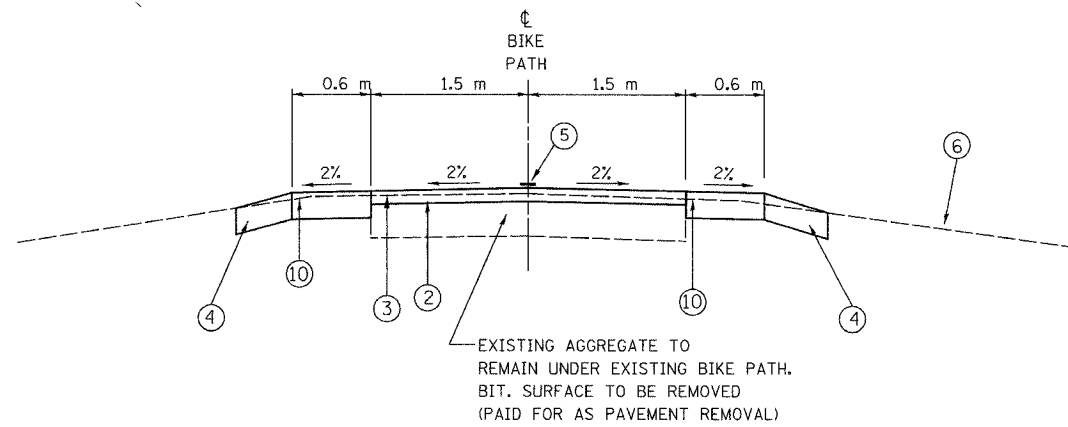
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

TYPICAL SECTIONS

REVISIONS		
NO.	NAME	DATE

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

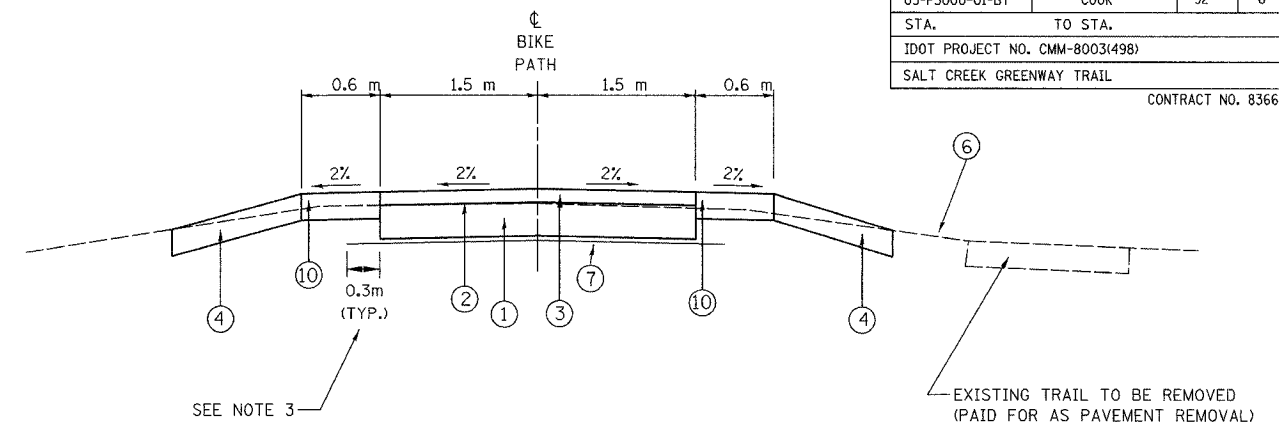
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	6
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROPOSED TYPICAL SECTION

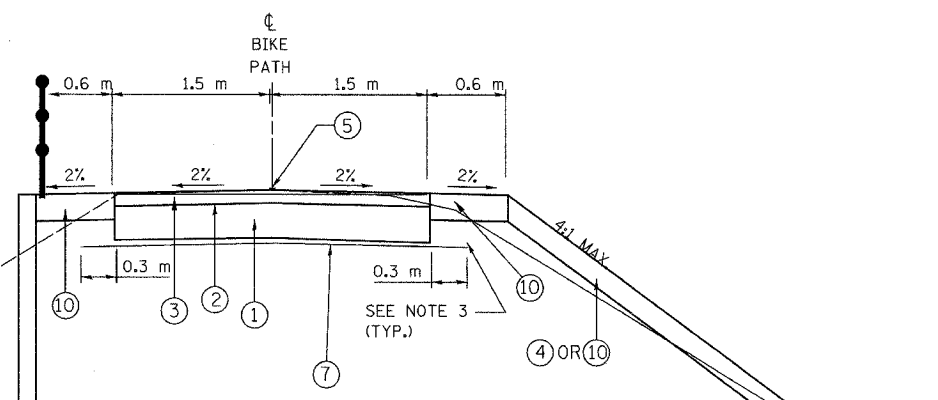
- STA. 100+000 TO STA. 100+665.1
- STA. 31+214.0 TO STA. 33+047.0
- STA. 33+464.7 TO STA. 35+200.0
- STA. 35+408.3 TO STA. 36+038.5
- STA. 36+086.1 TO STA. 36+395.3
- STA. 36+422.7 TO STA. 36+547.8
- STA. 36+585.4 TO STA. 36+622.4
- STA. 38+343.6 TO STA. 38+639.4
- STA. 36+712.7 TO STA. 37+186.9
- STA. 37+299.2 TO STA. 37+532.7
- STA. 37+559.0 TO STA. 38+283.1
- STA. 38+343.6 TO STA. 38+639.4
- STA. 38+730.1 TO STA. 40+391.1

OMISSION STA. 33+047 TO 33+464.7 (EDGEWOOD AVE.)
 STA. 35+200 TO 35+408.3 (LAGRANGE ROAD)
 STA. 37+532.7 TO 37+559 (KEMMAN AVE.)
 STA. 38+639.4 TO 38+730.1 (MAPLE AVE.)



PROPOSED TYPICAL SECTION

- STA. 36+038.5 TO STA. 36+086.1
- STA. 36+395.3 TO STA. 36+422.7
- STA. 36+547.8 TO STA. 36+585.4
- STA. 36+622.4 TO STA. 36+712.7
- STA. 37+186.9 TO STA. 37+299.2
- STA. 38+283.1 TO STA. 38+343.6



PROPOSED TYPICAL SECTION

STA. 48+465 TO STA. 48+738.9

ITEM	AC TYPE	VOIDS	RAP %	USAGE
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX. C, N50	PG 64-22	4% @ 50 GYR	15%	BIKE PATH SURFACE

DESIGNER USED UNIT WEIGHT 112 LBS/SQ YD/IN (2.39 KG/SM/MM) FOR CALCULATION PURPOSES

LEGEND:

- ① AGGREGATE BASE COURSE, TYPE B, 150 mm
- ② BITUMINOUS PRIME COAT
- ③ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", N50, 50 mm
- ④ 150 mm TOP SOIL AND SEEDING CLASS 4A
- ⑤ PAINT PAVEMENT MARKING, 100 mm YELLOW
- ⑥ EXISTING GROUND
- ⑦ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑧ PRECAST BLOCK RETAINING WALL
- ⑨ EXISTING SIDEWALK TO BE REMOVED
- ⑩ 150 mm TOP SOIL AND SEEDING, CLASS 1 B
- ⑪ EARTH EXCAVATION
- ⑫ SUITABLE EMBANKMENT MATERIAL (NO TOPSOIL)
- ⑬ LIMESTONE SCREENINGS 50 mm
- ⑭ SUITABLE OR UNSUITABLE EMBANKMENT MATERIAL
- ⑮ 100 mm AGGREGATE SHOULDER
- ⑯ PRECAST BLOCK RETAINING WALL CAP
- ⑰ POROUS GRANULAR BACKFILL
- ⑱ PCC SIDEWALK 150 mm
- ⑲ P.G.E. SUBGRADE 300 mm

REVISIONS		
NO.	NAME	DATE

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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

TYPICAL SECTIONS

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

LYONS TREE REMOVAL SCHEDULE

LOCATION		6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER	LOCATION		6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER	LOCATION		6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
STATION	OFFSET			STATION	OFFSET			STATION	OFFSET		
	LT	RT		LT	RT			LT	RT		
47+079.5	1.7		36	47+737.6	0.5	14		48+395.2		2.3	10
47+090.4	2.1		18	47+748.1		1.2	16	48+395.4		0.4	11
47+324.2		1.9	27	47+757.5		0.2	22	48+397.5	2.6		15
47+463.0		1.6	30	47+758.7		2.4	10	48+397.7	0.7		25
47+463.8	1.8		15	47+761.8		0.2	12	48+404.7		0.9	15
47+470.0		0.5	14	47+766.4	1.9		15	48+408.3	1.1		15
47+473.1	0.4		17	47+810.3	0.8		11	48+416.6		3.1	12
47+480.1		2.1	6	47+810.5	1.7		8	48+421.3		2.8	15
47+482.9		1.6	15	47+947.5		0.5	15	48+422.8	2.8		8
47+485.5		1.2	9	47+949.7	1.4		25	48+428.0	2.5		8
47+486.9		2.3	8	47+969.7		1.7	27	48+430.1	2.2		8
47+490.2		2.4	11	47+971.9		0.1	9	48+436.0		2.1	15
47+490.5	2.1		10	47+973.7	1.3		9	48+480.7		2.2	13
47+492.3		1.2	11	47+989.8		2.0	10	48+484.7	1.5		10
47+493.5	1.1		14	48+002.2		1.6	10	48+488.3	1.4		10
47+494.5	0.1		14	48+039.0		2.4	7	48+488.8	2.4		15
47+494.7		2.6	11	48+041.1		0.4	8	48+513.5	2.3		11
47+500.4	1.6		12	48+046.4	1.6		10	48+514.6	2.4		10
47+503.3		0.4	10	48+058.1	1.7		10	48+524.8		2.3	12
47+506.1	0.9		15	48+059.1	2.3		10	48+528.2	2.6		15
47+506.1		1.7	6	48+069.7		0.9	40	48+530.9		2.3	18
47+509.7		2.0	6	48+092.8	1.9		12	48+540.5	2.6		12
47+534.3		2.1	12	48+101.9	0.1		12	48+541.8	2.5		12
47+535.4		0.2	11	48+112.0	1.2		10	48+547.5		2.5	12
47+539.0	2.7		15	48+139.9	2.5		10	48+553.3		2.8	11
47+547.1	2.3		11	48+250.5		0.6	8	48+561.4		2.7	12
47+549.0		1.5	11	48+264.0	0.7		15	48+573.7		2.2	9
47+564.4	1.1		12	48+264.5	1.3		12	48+580.3	1.4		10
47+565.1		0.6	19	48+267.4	0.4		12	48+581.1	2.7		8
47+606.3		2.5	24	48+268.4		2.1	15	48+585.6		1.5	11
47+610.6	2.4		15	48+269.6		1.6	15	48+589.1		3.0	10
47+614.9		1.1	12	48+270.9	0.2		12	48+614.9	2.5		36
47+621.6	2.4		18	48+276.1		1.9	12	48+654.9	2.3		12
47+644.5		2.3	10	48+302.2	3.4		10	48+729.9		5.2	16
47+647.8		2.3	15	48+306.1	0.6		18	48+731.7		3.3	15
47+665.9	1.2		12	48+311.8	2.5		36	48+731.9		4.4	13
47+678.5		2.6	24	48+315.1		2.3	8	48+732.8		2.6	8
47+680.0		1.3	8	48+321.7	3.4		8			TOTAL:	1347
47+684.2	2.1		9	48+324.4	3.8		10				596
47+685.5		2.1	10	48+328.4	1.9		12				
47+687.2	1.9		12	48+330.6	2.6		15				
47+689.0	2.3		16	48+335.4	3.0		12				
47+696.3		1.5	24	48+340.8	0.8		12				
47+696.9	2.2		13	48+342.3	0.2		17				
47+697.9		1.2	10	48+342.7		1.5	12				
47+703.0	0.6		10	48+356.4		2.2	12				
47+703.3		2.4	14	48+369.4		2.4	6				
47+710.9	1.0		10	48+383.8	2.0		13				
47+711.6		2.8	12	48+383.8	0.2		23				
47+715.0		0.9	12	48+387.3	0.2		15				
47+721.0		1.0	14	48+391.7	0.8		10				
47+722.1	2.6		14	48+392.0		1.9	10				
47+733.7		0.9	24	48+392.7		1.9	15				

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	8
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

EARTHWORK SCHEDULE

LOCATION	SUITABLE EXCAVATION (EARTH EXCAVATION)	EARTH EX. ADJUSTED FOR SHRINKAGE (25%)	SUITABLE EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (FURNISHED EXCAVATION)	UNSUITABLE EXCAVATION (REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL)	UNSUITABLE EMBANKMENT	TOPSOIL FURNISH & PLACE 150MM	UNSUITABLE BALANCE WASTE (+) OR SHORTAGE (-)
	CU M	CU M	CU M	CU M	CU M	CU M	CU M	CU M
STA. 0+000 TO 0+641	10	8	1319	-1311	1073	0	409	+664
STA. 29+311 TO 31+202	335	252	3234	-2982	3381	0	1274	+2107
STA. 31+202 TO 40+391	0	0	0	0	307	0	1838	-1531
STA. 44+635 TO 45+215	128	96	584	-488	933	0	397	+536
STA. 45+215 TO 45+315	0	0	48	-48	80	0	20	+60
STA. 46+940 TO 48+739	0	0	2143	-2143	2583	0	813	+1770
TOTAL	473	356	7328	-6972	8357		4751	+3606

CURB & GUTTER REMOVAL AND REPLACEMENT SCHEDULE

LOCATION	CURB & GUTTER REMOVAL & REPLACEMENT
	M
BUSSE WOODS	
0+205	5
0+641	6
FOREST PRESERVE CC	
30+555	4
44+635	5
44+869	5
46+940	5
47+853	8
47+868	8
48+320	5
48+739	5
VILLAGE OF LYONS	
45+245	5
45+262	5
45+314	5
TOTAL	71

REVISIONS		
NO.	NAME	DATE

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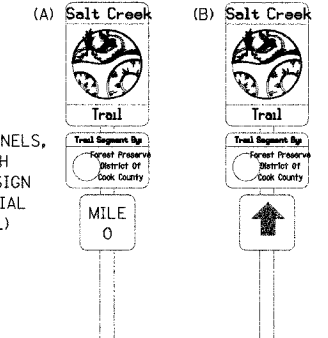
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

SCHEDULE OF QUANTITIES

DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	9
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			

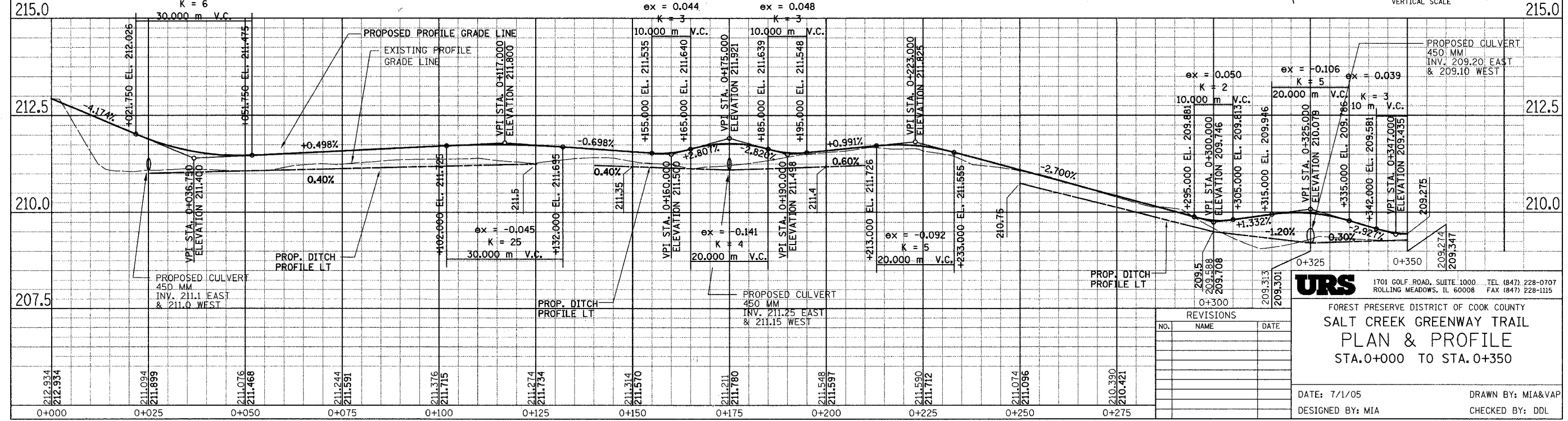
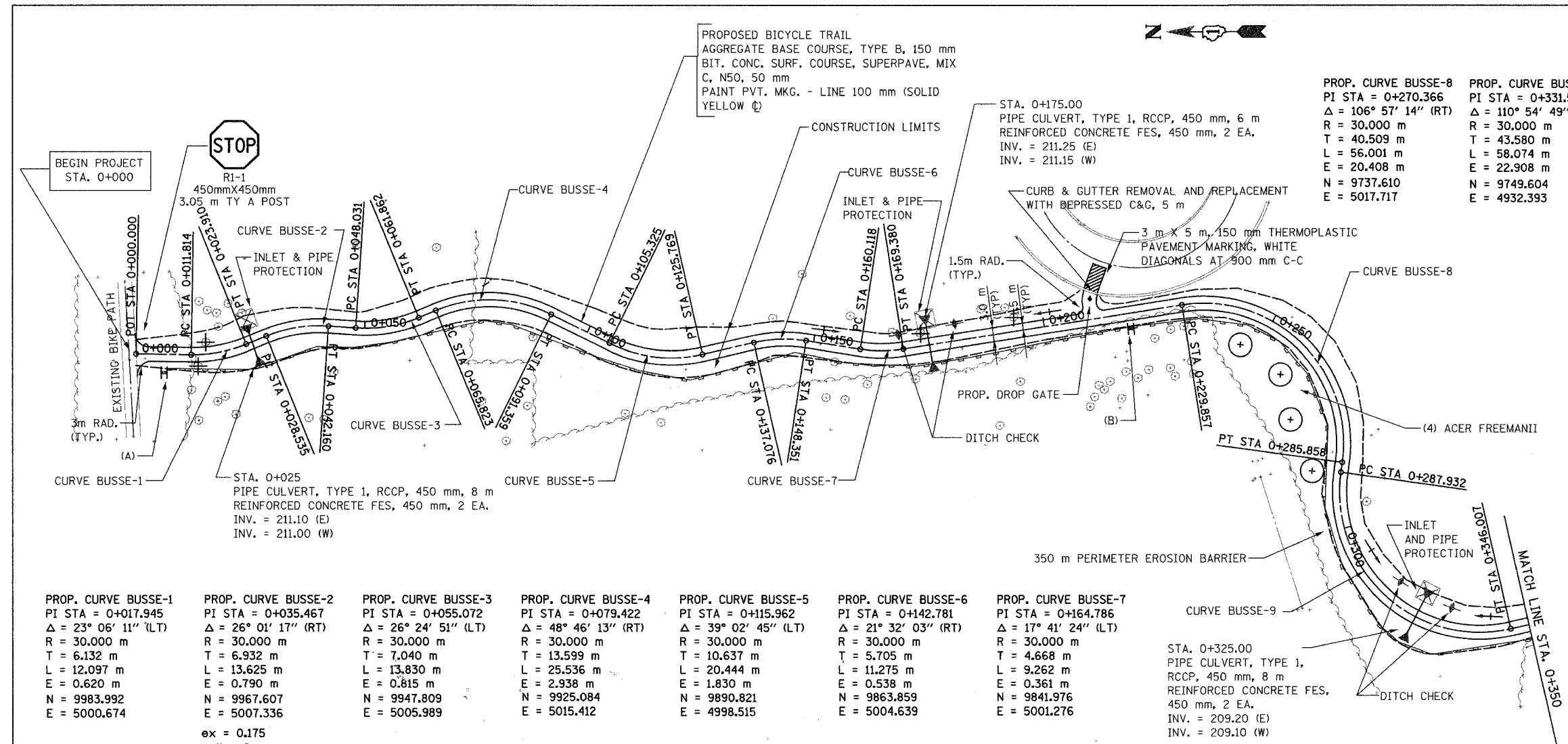
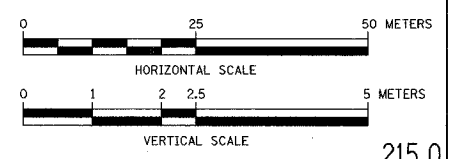
CONTRACT NO. 83667



(2) SIGN PANELS, TYPE 1 WITH ALUMINUM SIGN POST, SPECIAL (SEE DETAIL)

LEGEND

- + SWALE TIP
- + DITCH SUMMIT
- + DITCH CHECK
- + PROPOSED CULVERT
- + EXISTING CULVERT
- + EXISTING MANHOLE
- + EXISTING FENCE
- + FLARED END SECTION
- + INLET AND PIPE PROTECTION
- + TREE REMOVAL
- + PERIMETER EROSION BARRIER




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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 0+000 TO STA. 0+350

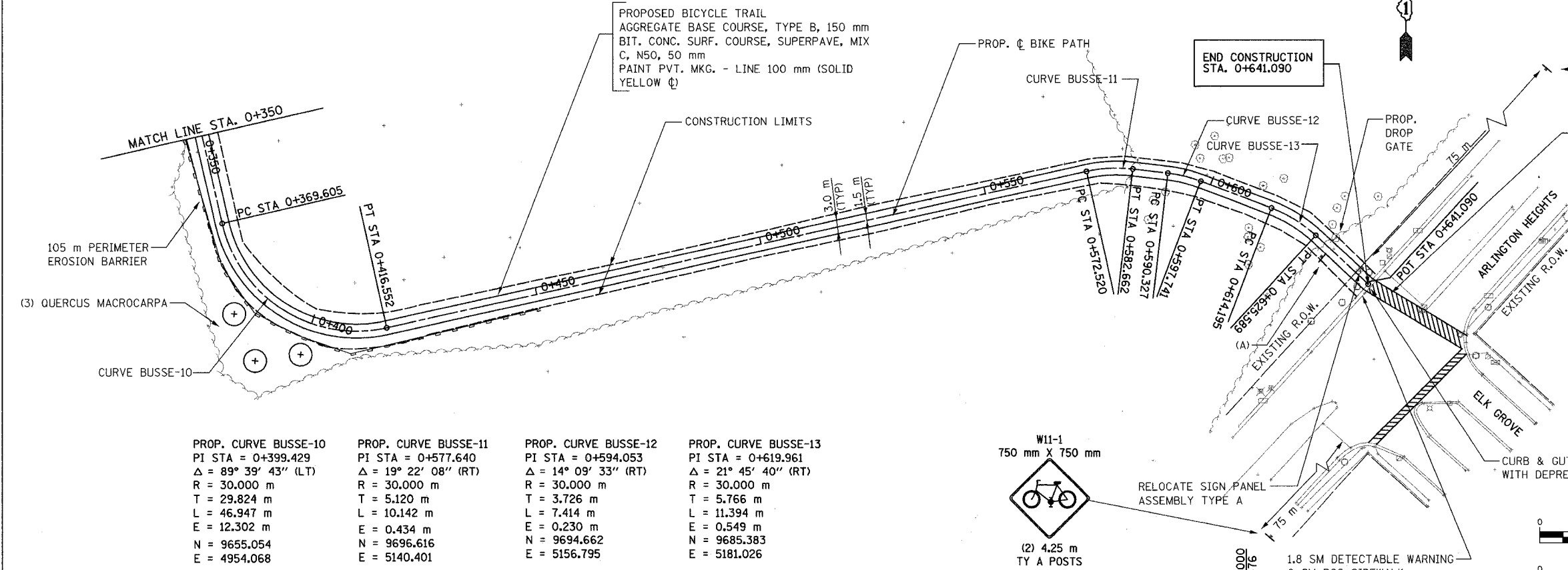
DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	10
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			

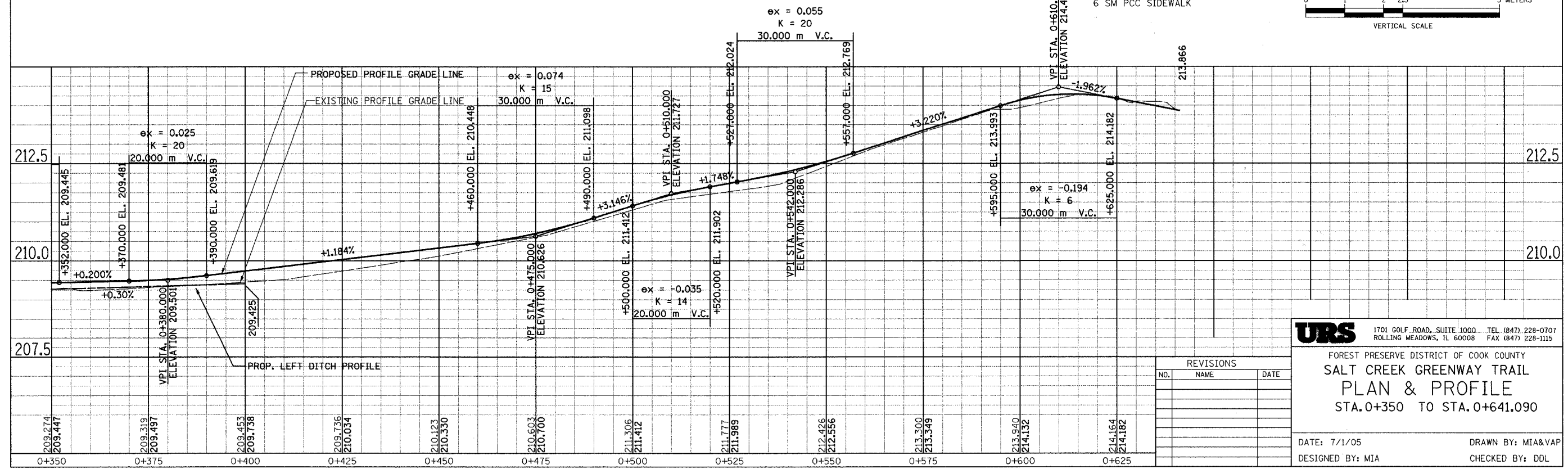
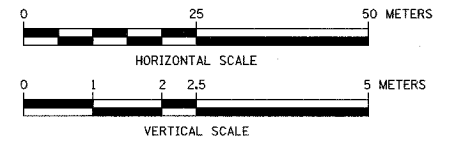
CONTRACT NO. 83667
W11-1
750 mm X 750 mm



(2) 4.25 m TY A POSTS



PROP. CURVE BUSSE-10	PROP. CURVE BUSSE-11	PROP. CURVE BUSSE-12	PROP. CURVE BUSSE-13
PI STA = 0+399.429	PI STA = 0+577.640	PI STA = 0+594.053	PI STA = 0+619.961
$\Delta = 89^\circ 39' 43''$ (LT)	$\Delta = 19^\circ 22' 08''$ (RT)	$\Delta = 14^\circ 09' 33''$ (RT)	$\Delta = 21^\circ 45' 40''$ (RT)
R = 30.000 m	R = 30.000 m	R = 30.000 m	R = 30.000 m
T = 29.824 m	T = 5.120 m	T = 3.726 m	T = 5.766 m
L = 46.947 m	L = 10.142 m	L = 7.414 m	L = 11.394 m
E = 12.302 m	E = 0.434 m	E = 0.230 m	E = 0.549 m
N = 9655.054	N = 9696.616	N = 9694.662	N = 9685.383
E = 4954.068	E = 5140.401	E = 5156.795	E = 5181.026



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FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
PLAN & PROFILE**
STA. 0+350 TO STA. 0+641.090

DATE: 7/1/05 DRAWN BY: MIA&VAP
DESIGNED BY: MIA CHECKED BY: DDL

REVISIONS		
NO.	NAME	DATE



(A) SIGN PANEL, TYPE 1 WITH ALUMINUM SIGN POST, SPECIAL (SEE DETAIL)

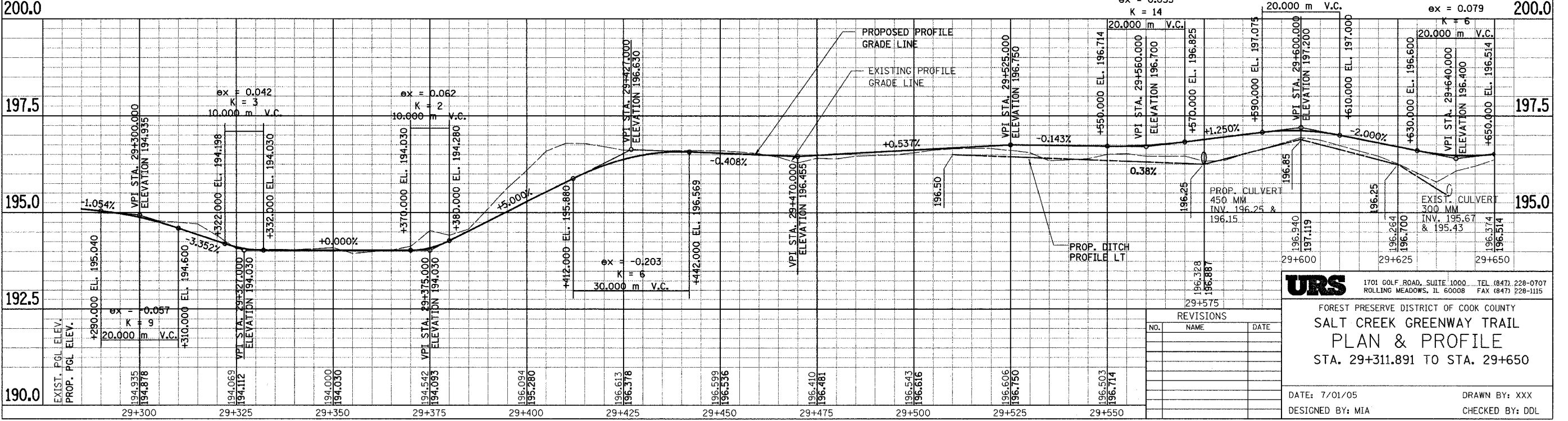
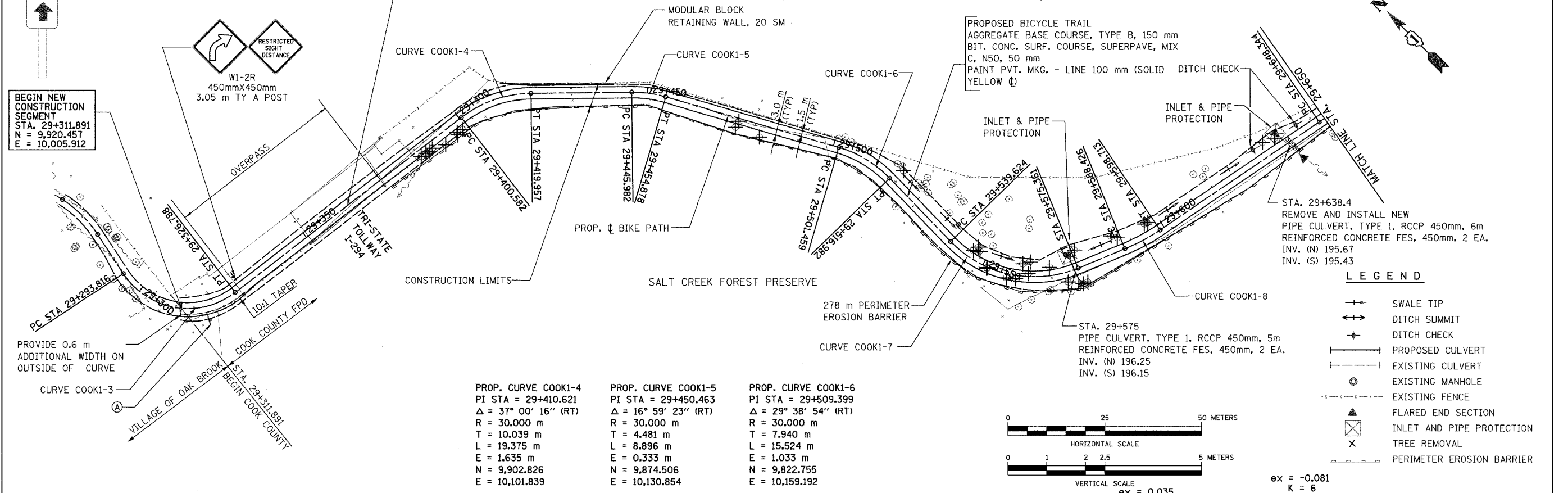
PROPOSED BICYCLE TRAIL
BIT. CONC. SURF. COURSE, SUPERPAVE, MIX C, N50, 50 mm
ON TOP OF EXISTING PCC BASE
PAINT PVT. MKG. - LINE 100 mm (SOLID YELLOW ☉)
STA. 29+328.0 TO STA. 29+374.6

PROP. CURVE COOK1-3
PI STA = 29+315.436
 $\Delta = 94^\circ 27' 32''$ (LT)
R = 20.000 m
T = 21.620 m
L = 32.972 m
E = 9.452 m
N = 9,916.228
E = 9,997.241

PROP. CURVE COOK1-7
PI STA = 29+559.956
 $\Delta = 68^\circ 15' 14''$ (LT)
R = 30.000 m
T = 20.332 m
L = 35.738 m
E = 6.241 m
N = 9,771.849
E = 10,158.353

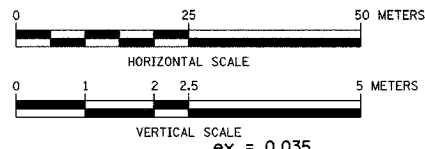
PROP. CURVE COOK1-8
PI STA = 29+593.588
 $\Delta = 11^\circ 47' 17''$ (LT)
R = 50.000 m
T = 5.162 m
L = 10.287 m
E = 0.266 m
N = 9,756.975
E = 10,193.927

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	11
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



LEGEND

- +— SWALE TIP
- +— DITCH SUMMIT
- +— DITCH CHECK
- +— PROPOSED CULVERT
- +— EXISTING CULVERT
- EXISTING MANHOLE
- +— EXISTING FENCE
- ▲ FLARED END SECTION
- ⊗ INLET AND PIPE PROTECTION
- ⊗ TREE REMOVAL
- +— PERIMETER EROSION BARRIER



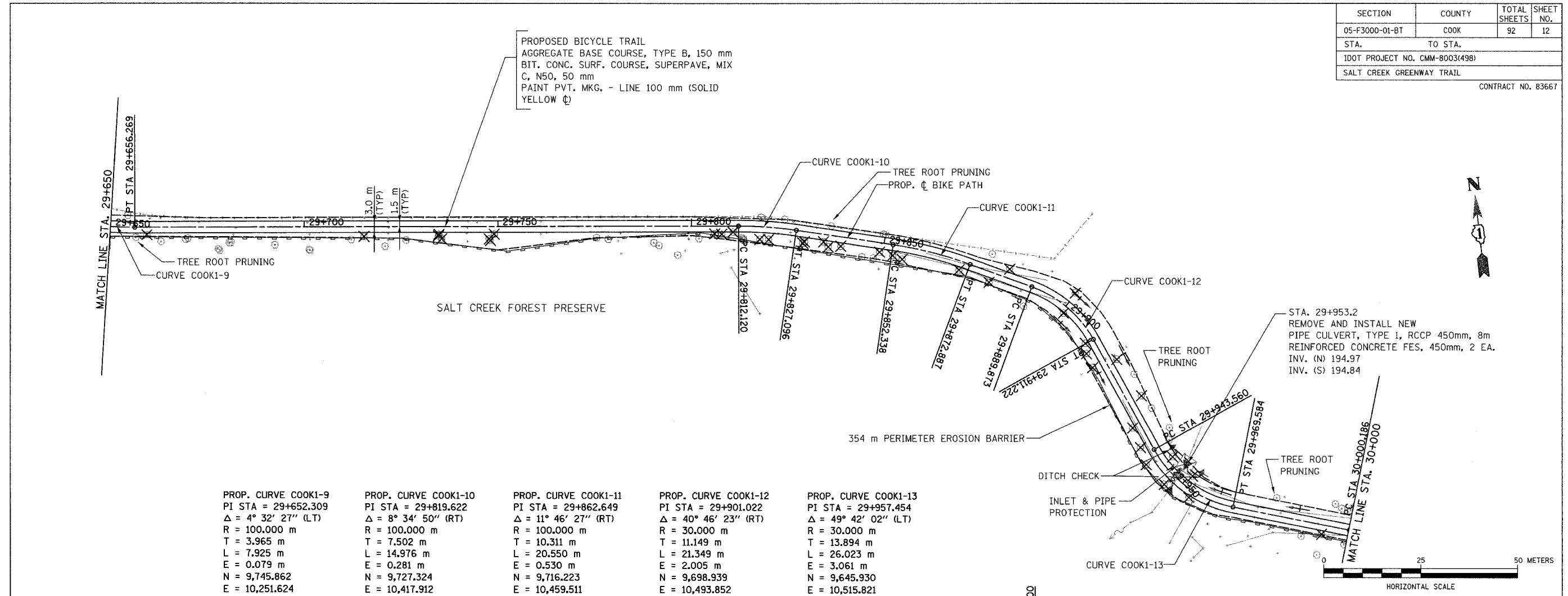
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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 29+311.891 TO STA. 29+650

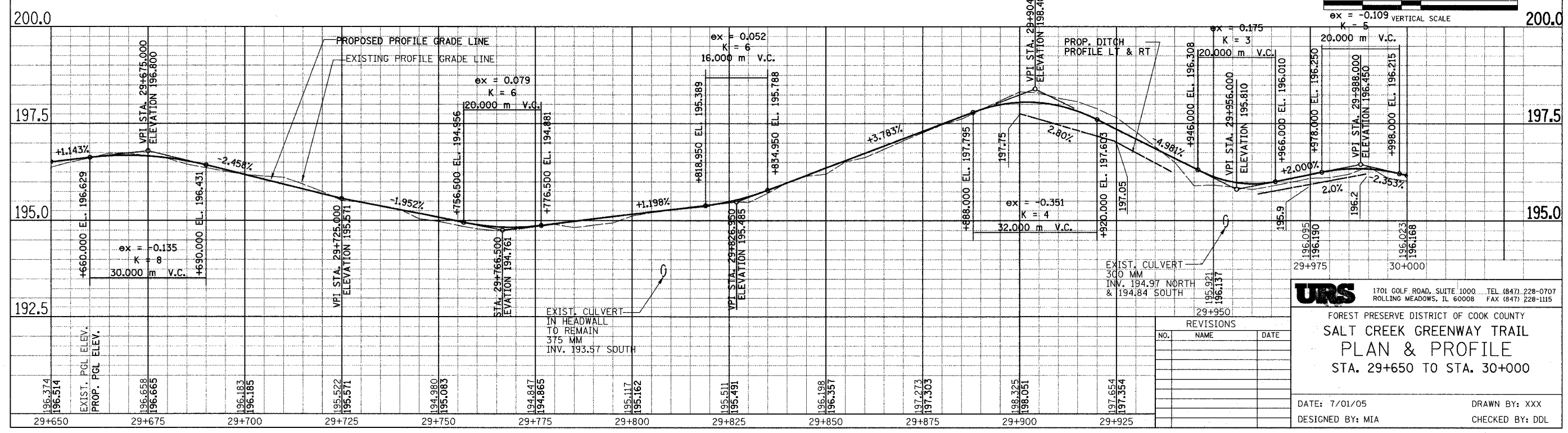
DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

REVISIONS		
NO.	NAME	DATE

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	12
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROP. CURVE COOK1-9 PI STA = 29+652.309 $\Delta = 4^\circ 32' 27''$ (LT) R = 100.000 m T = 3.965 m L = 7.925 m E = 0.079 m N = 9,745.862 E = 10,251.624	PROP. CURVE COOK1-10 PI STA = 29+819.622 $\Delta = 8^\circ 34' 50''$ (RT) R = 100.000 m T = 7.502 m L = 14.976 m E = 0.281 m N = 9,727.324 E = 10,417.912	PROP. CURVE COOK1-11 PI STA = 29+862.649 $\Delta = 11^\circ 46' 27''$ (RT) R = 100.000 m T = 10.311 m L = 20.550 m E = 0.530 m N = 9,716.223 E = 10,459.511	PROP. CURVE COOK1-12 PI STA = 29+901.022 $\Delta = 40^\circ 46' 23''$ (RT) R = 30.000 m T = 11.149 m L = 21.349 m E = 2.005 m N = 9,698.939 E = 10,493.852	PROP. CURVE COOK1-13 PI STA = 29+957.454 $\Delta = 49^\circ 42' 02''$ (LT) R = 30.000 m T = 13.894 m L = 26.023 m E = 3.061 m N = 9,645.930 E = 10,515.821
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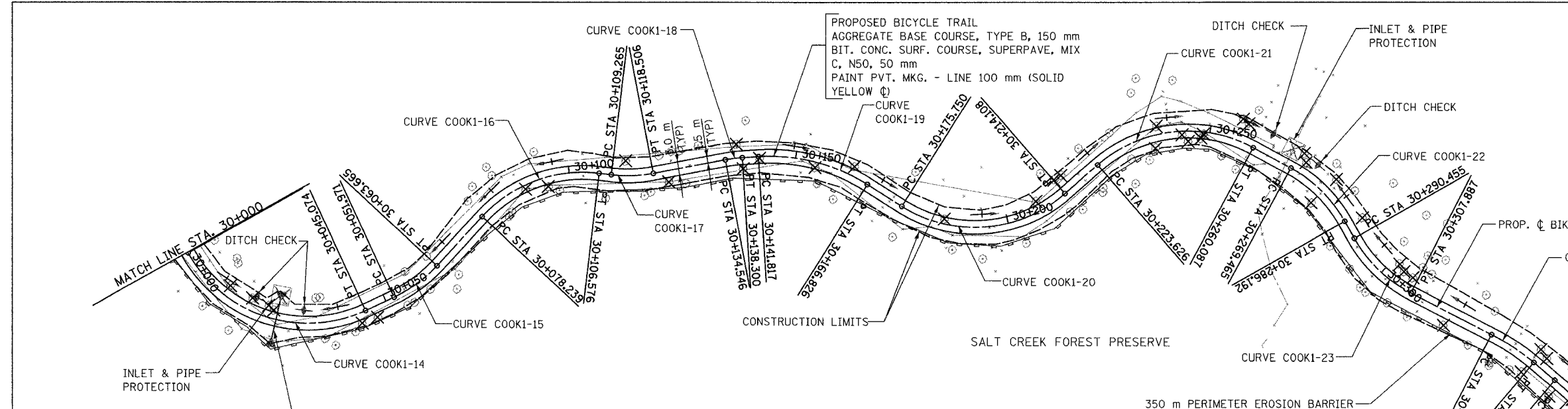
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

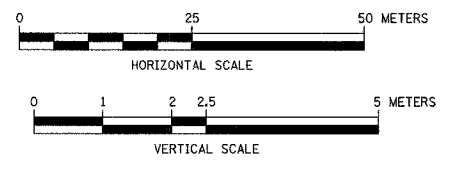
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 29+650 TO STA. 30+000

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

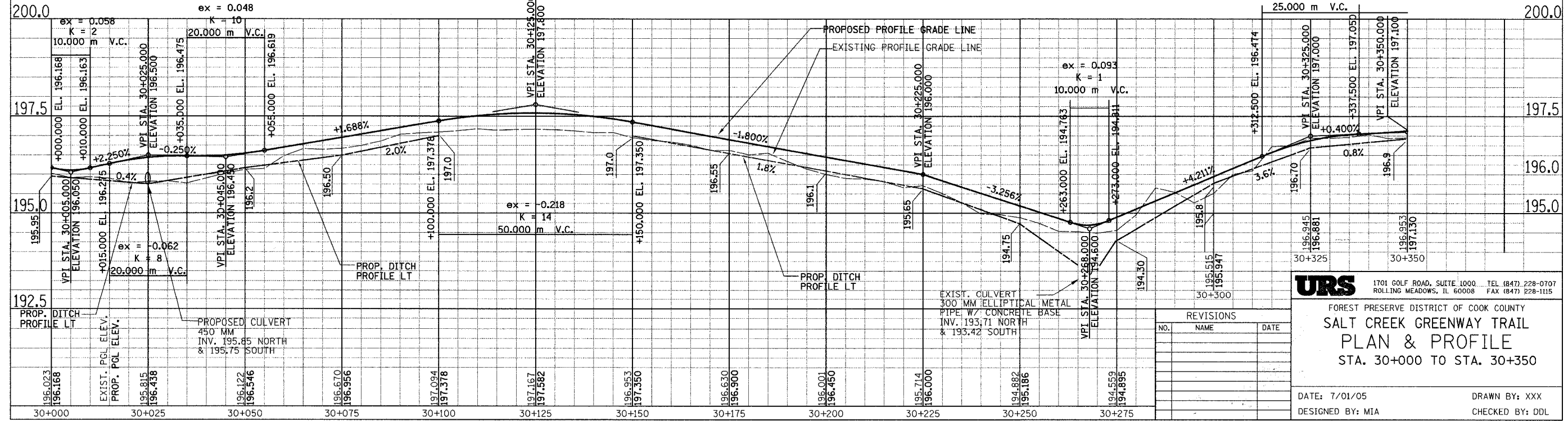
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	13
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



STA. 30+025 PIPE CULVERT, TYPE 1, RCCP 450mm, 8m REINFORCED CONCRETE FES, 450mm, 2 EA. INV. (N) 195.85 INV. (S) 195.75	PROP. CURVE COOK1-14 PI STA = 30+028.030 $\Delta = 85^\circ 43' 51''$ (LT) R = 30.000 m T = 27.844 m L = 44.889 m E = 10.930 m N = 9,623.830 E = 10,581.703	PROP. CURVE COOK1-15 PI STA = 30+057.893 $\Delta = 22^\circ 19' 58''$ (LT) R = 30.000 m T = 5.922 m L = 11.693 m E = 0.579 m N = 9,661.516 E = 10,599.973	PROP. CURVE COOK1-16 PI STA = 30+093.564 $\Delta = 54^\circ 07' 11''$ (RT) R = 30.000 m T = 15.325 m L = 28.337 m E = 3.688 m N = 9,697.337 E = 10,599.801	PROP. CURVE COOK1-17 PI STA = 30+113.922 $\Delta = 17^\circ 38' 59''$ (LT) R = 30.000 m T = 4.658 m L = 9.241 m E = 0.359 m N = 9,710.713 E = 10,618.107	PROP. CURVE COOK1-18 PI STA = 30+136.426 $\Delta = 7^\circ 10' 12''$ (RT) R = 30.000 m T = 1.880 m L = 3.754 m E = 0.059 m N = 9,728.933 E = 10,631.440
PROP. CURVE COOK1-19 PI STA = 30+154.746 $\Delta = 35^\circ 49' 23''$ (RT) R = 40.000 m T = 12.929 m L = 25.009 m E = 2.037 m N = 9,742.255 E = 10,644.022	PROP. CURVE COOK1-20 PI STA = 30+198.054 $\Delta = 73^\circ 15' 35''$ (LT) R = 30.000 m T = 22.304 m L = 38.359 m E = 7.383 m N = 9,750.539 E = 10,687.394	PROP. CURVE COOK1-21 PI STA = 30+244.490 $\Delta = 69^\circ 38' 08''$ (RT) R = 30.000 m T = 20.864 m L = 36.461 m E = 6.542 m N = 9,802.943 E = 10,692.836	PROP. CURVE COOK1-22 PI STA = 30+278.052 $\Delta = 31^\circ 56' 49''$ (RT) R = 30.000 m T = 8.587 m L = 16.727 m E = 1.205 m N = 9,812.623 E = 10,730.440	PROP. CURVE COOK1-23 PI STA = 30+299.425 $\Delta = 33^\circ 17' 32''$ (LT) R = 30.000 m T = 8.970 m L = 17.432 m E = 1.312 m N = 9,806.058 E = 10,751.248	PROP. CURVE COOK1-24 PI STA = 30+333.281 $\Delta = 12^\circ 43' 28''$ (RT) R = 50.000 m T = 5.575 m L = 11.104 m E = 0.310 m N = 9,815.404 E = 10,784.317



$ex = 0.030$
 $K = 26$
 $ex = -0.119$ 25 m V.C.
 $K = 7$



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115
 FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 30+000 TO STA. 30+350
 DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	15
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

PROP. CURVE COOK1-32
 PI STA = 30+702.197
 $\Delta = 41^\circ 01' 52''$ (LT)
 R = 45.000 m
 T = 16.839 m
 L = 32.226 m
 E = 3.047 m
 N = 9,564.666
 E = 11,026.083

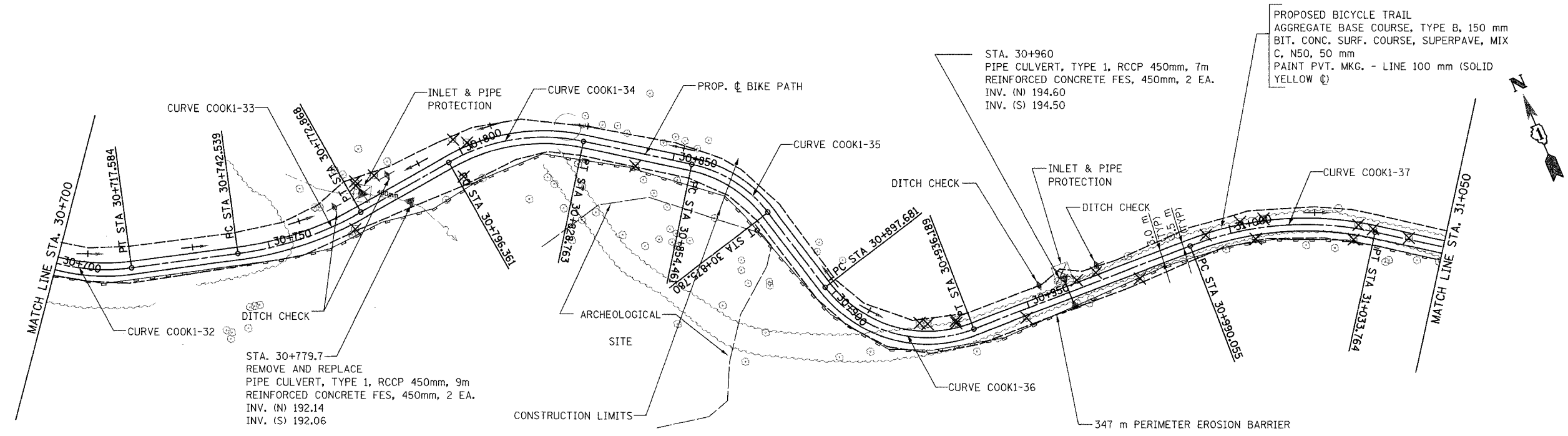
PROP. CURVE COOK1-33
 PI STA = 30+757.888
 $\Delta = 21^\circ 43' 17''$ (LT)
 R = 80.000 m
 T = 15.349 m
 L = 30.329 m
 E = 1.459 m
 N = 9,549.630
 E = 11,081.212

PROP. CURVE COOK1-34
 PI STA = 30+813.300
 $\Delta = 41^\circ 15' 21''$ (RT)
 R = 45.000 m
 T = 16.939 m
 L = 32.402 m
 E = 3.083 m
 N = 9,555.910
 E = 11,136.638

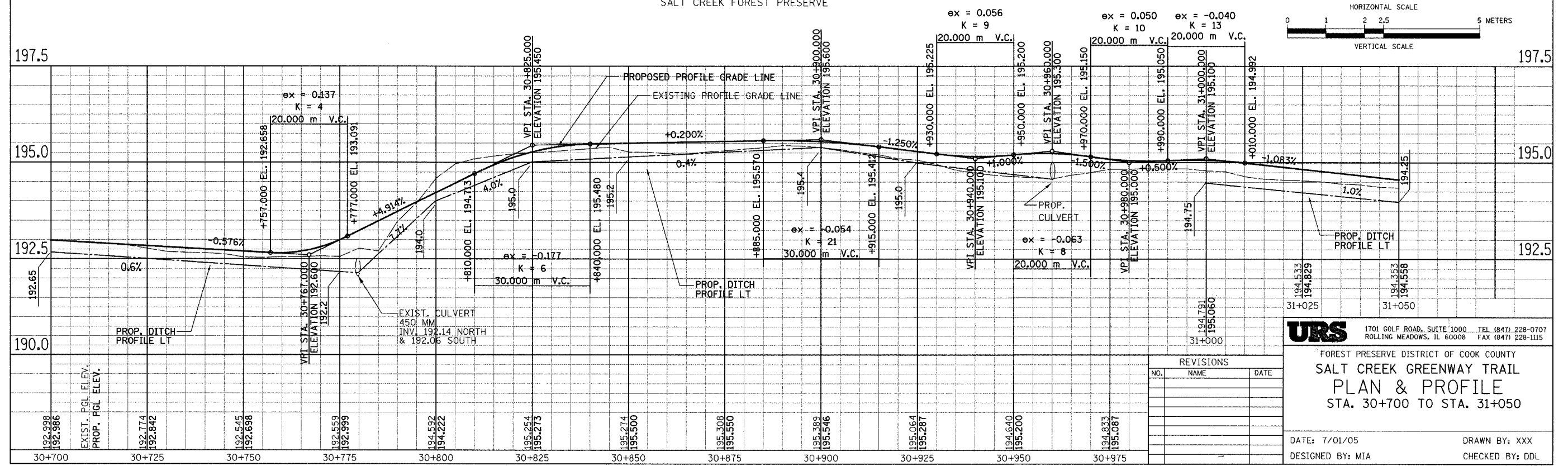
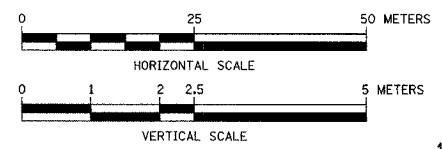
PROP. CURVE COOK1-35
 PI STA = 30+865.593
 $\Delta = 40^\circ 43' 00''$ (RT)
 R = 30.000 m
 T = 11.132 m
 L = 21.319 m
 E = 1.999 m
 N = 9,525.231
 E = 11,180.796

PROP. CURVE COOK1-36
 PI STA = 30+920.102
 $\Delta = 73^\circ 32' 45''$ (LT)
 R = 30.000 m
 T = 22.421 m
 L = 38.508 m
 E = 7.452 m
 N = 9,471.541
 E = 11,194.673

PROP. CURVE COOK1-37
 PI STA = 31+012.550
 $\Delta = 33^\circ 23' 28''$ (RT)
 R = 75.000 m
 T = 22.495 m
 L = 43.709 m
 E = 3.301 m
 N = 9,468.160
 E = 11,293.397



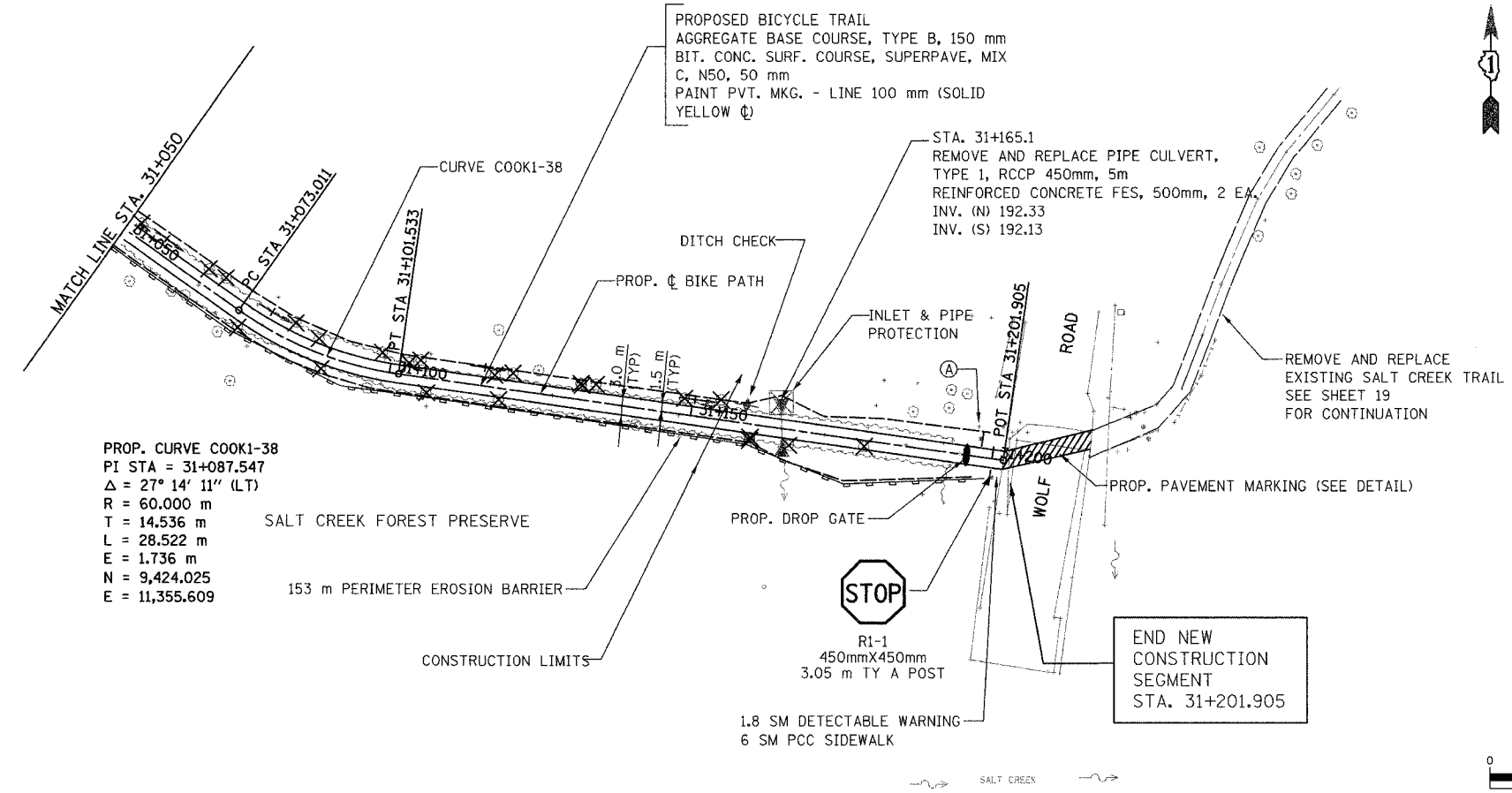
SALT CREEK FOREST PRESERVE



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115
 FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 30+700 TO STA. 31+050
 DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

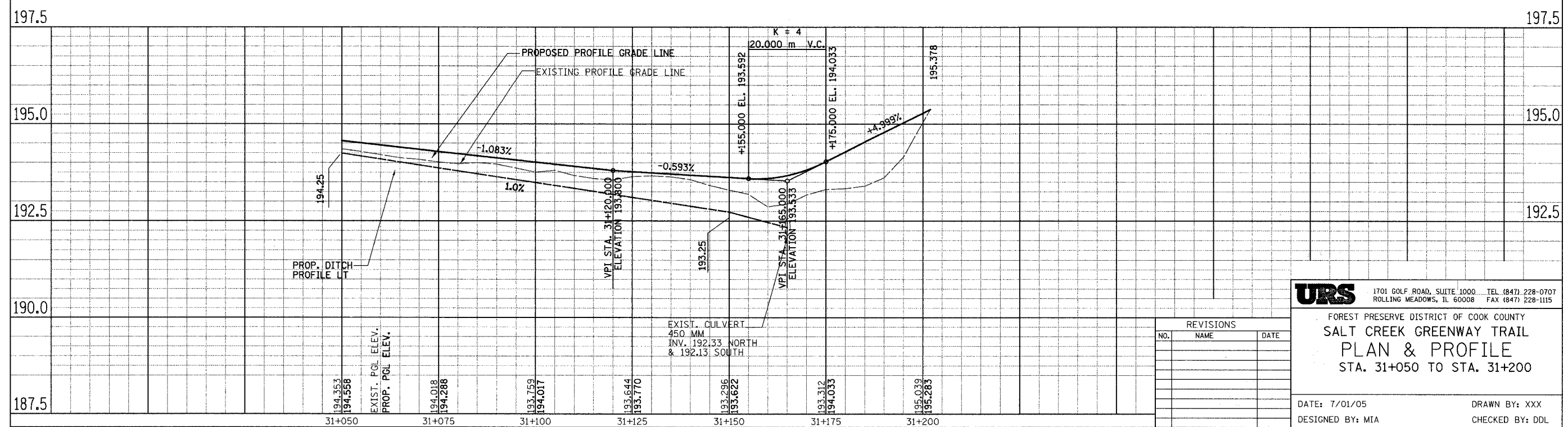
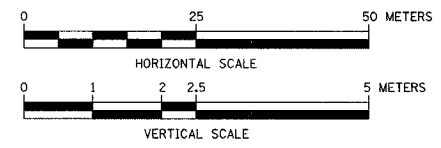
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	16
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROP. CURVE COOK1-38
 PI STA = 31+087.547
 $\Delta = 27^\circ 14' 11''$ (LT)
 R = 60.000 m
 T = 14.536 m
 L = 28.522 m
 E = 1.736 m
 N = 9,424.025
 E = 11,355.609



A SIGN PANEL, TYPE 1 WITH ALUMINUM SIGN POST, SPECIAL (SEE DETAIL)



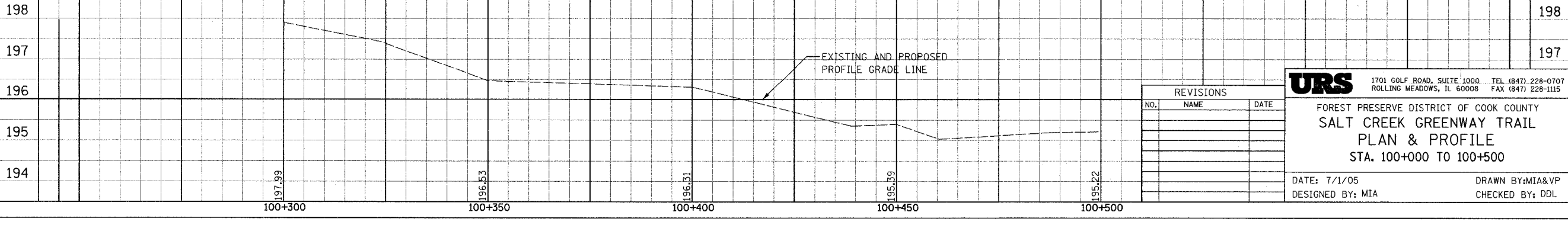
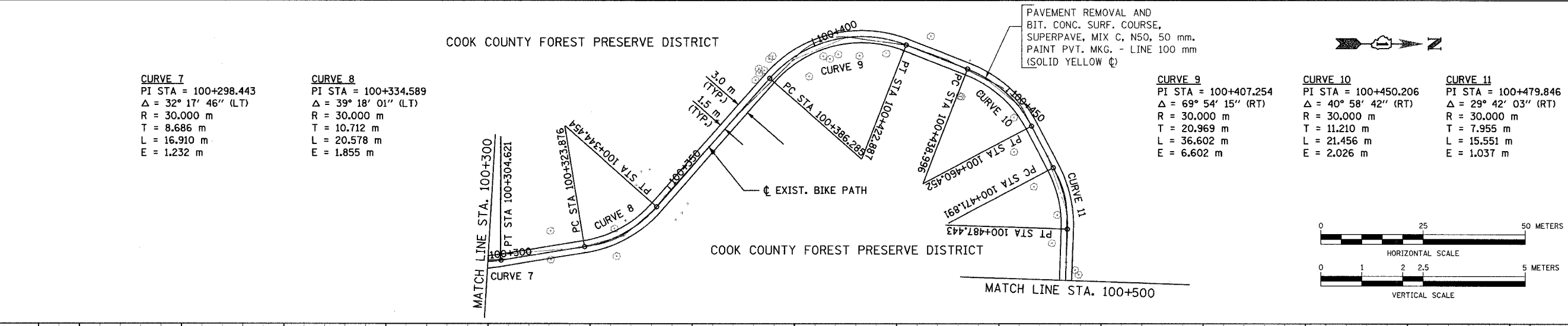
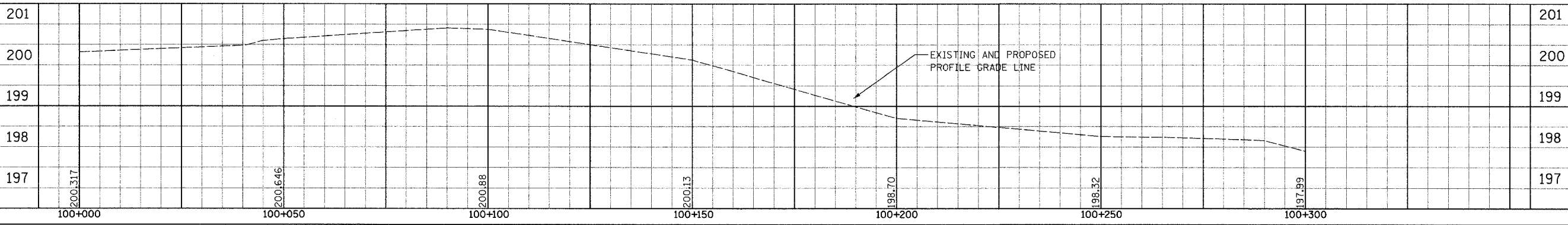
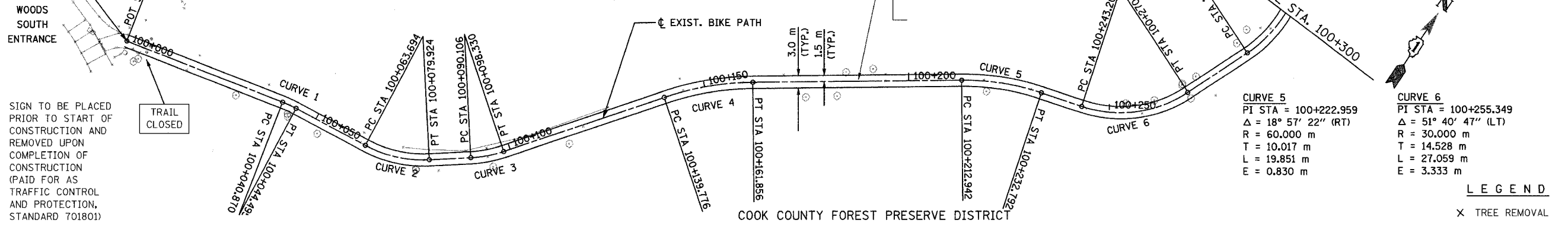
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 31+050 TO STA. 31+200

REVISIONS		
NO.	NAME	DATE

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	17
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



NO.	AREAS CHECKED	DATE	BY

NO.	AREAS CHECKED	DATE	BY

REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 100+000 TO 100+500**

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	18
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

CURVE 12
 PI STA = 100+566.906
 $\Delta = 22^\circ 00' 25''$ (LT)
 R = 30.000 m
 T = 5.833 m
 L = 11.523 m
 E = 0.562 m

CURVE 13
 PI STA = 100+608.097
 $\Delta = 24^\circ 05' 54''$ (RT)
 R = 40.000 m
 T = 8.538 m
 L = 16.824 m
 E = 0.901 m

CURVE 14
 PI STA = 100+631.067
 $\Delta = 38^\circ 27' 33''$ (LT)
 R = 30.000 m
 T = 10.464 m
 L = 20.137 m
 E = 1.773 m

CURVE 15
 PI STA = 100+653.043
 $\Delta = 9^\circ 22' 09''$ (LT)
 R = 30.000 m
 T = 2.458 m
 L = 4.906 m
 E = 0.101 m

COOK COUNTY FOREST PRESERVE DISTRICT

PAVEMENT REMOVAL AND
 BIT. CONC. SURF. COURSE,
 SUPERPAVE, MIX C, N50, 50 mm.
 PAINT PVT. MKG. - LINE 100 mm
 (SOLID YELLOW ☉)



TRAIL
CLOSED

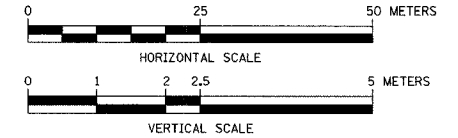
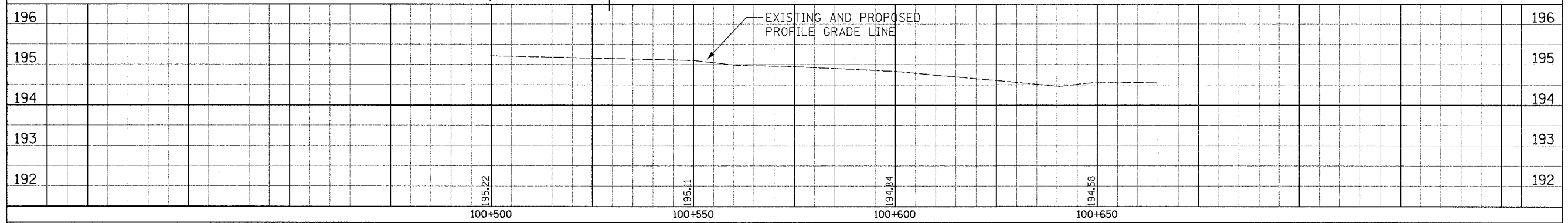
END RECONSTRUCTION
STA. 100+665.112

SIGN TO BE PLACED
 PRIOR TO START OF
 CONSTRUCTION AND
 REMOVED UPON
 COMPLETION OF
 CONSTRUCTION
 (PAID FOR AS
 TRAFFIC CONTROL
 AND PROTECTION,
 STANDARD 701801)

1.8 SM DETECTABLE WARNING
 6 SM PCC SIDEWALK

EXIST. BIKE PATH

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



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

REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL: (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX: (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 100+500 TO STA. 100+665.112

DATE: 7/1/05
 DESIGNED BY: MIA
 DRAWN BY: MIA&VP
 CHECKED BY: DDL

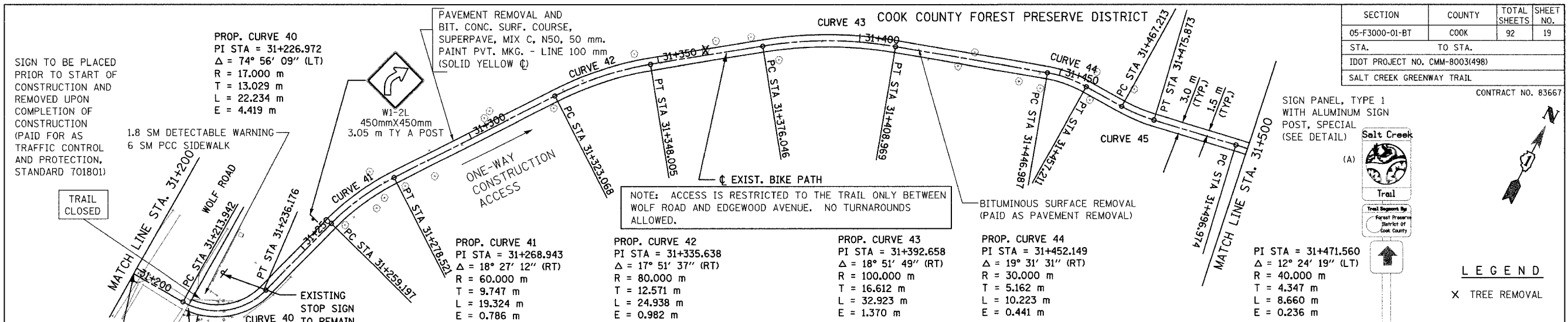
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	19
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)	SALT CREEK GREENWAY TRAIL		

CONTRACT NO. 83667

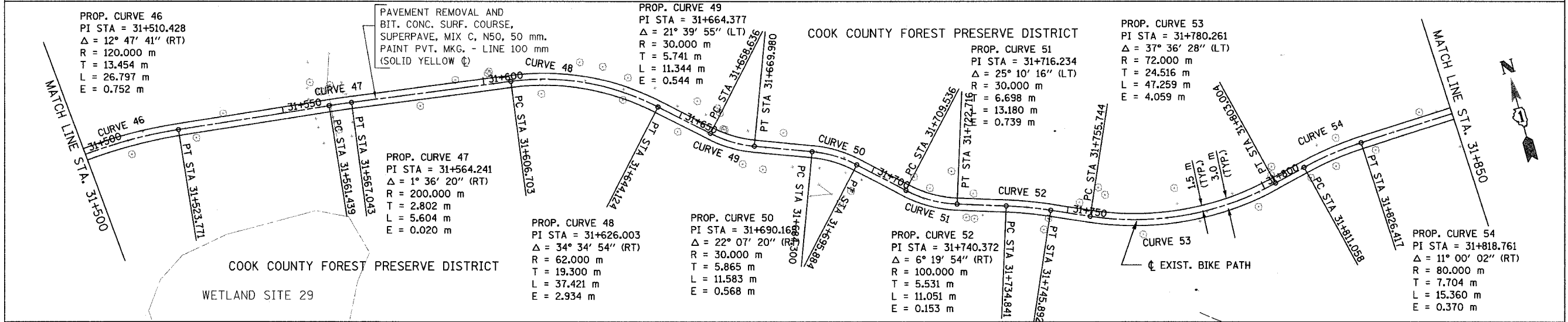
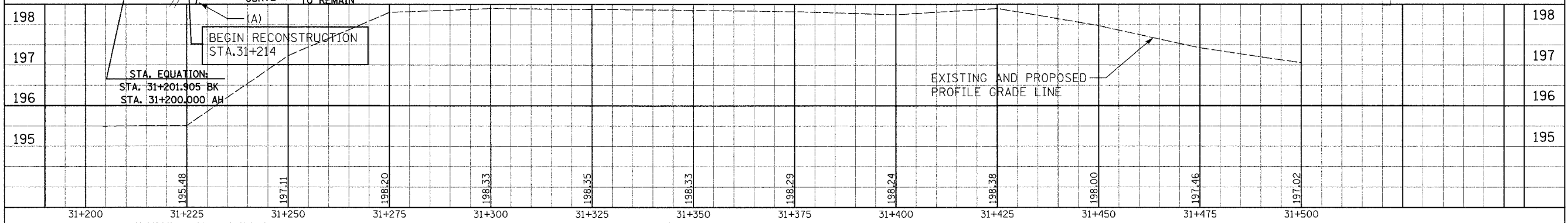
SIGN PANEL, TYPE 1 WITH ALUMINUM SIGN POST, SPECIAL (SEE DETAIL)



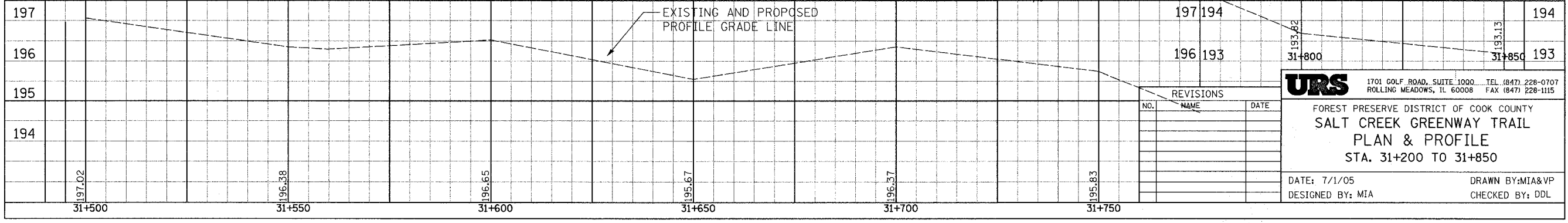
LEGEND
X TREE REMOVAL



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



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



URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

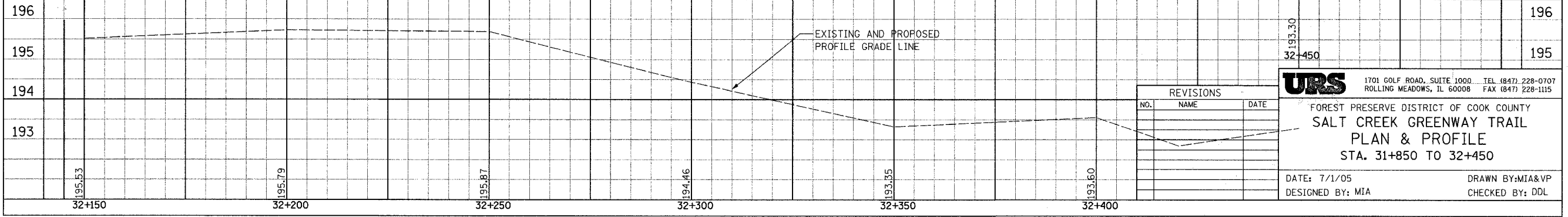
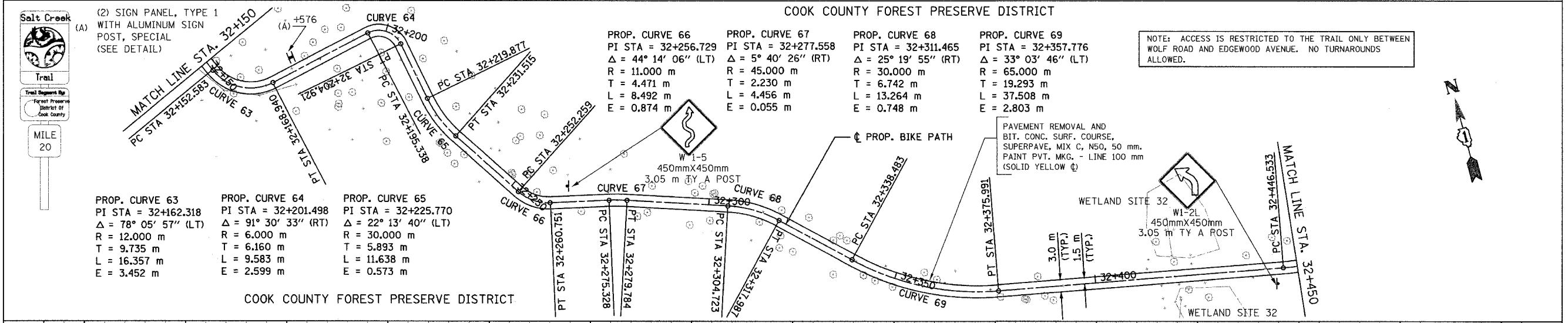
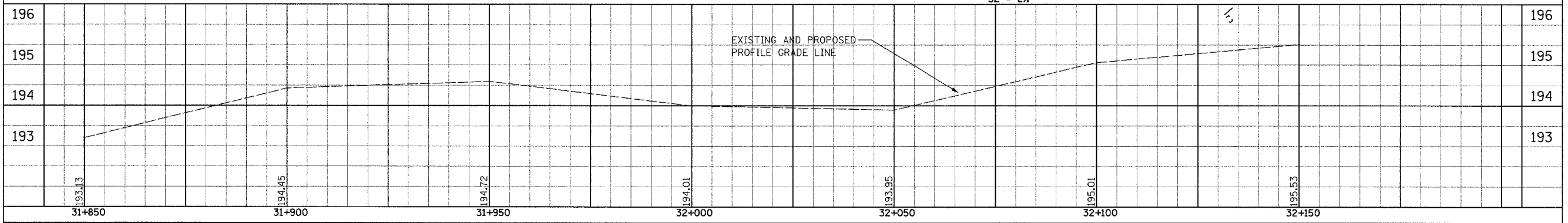
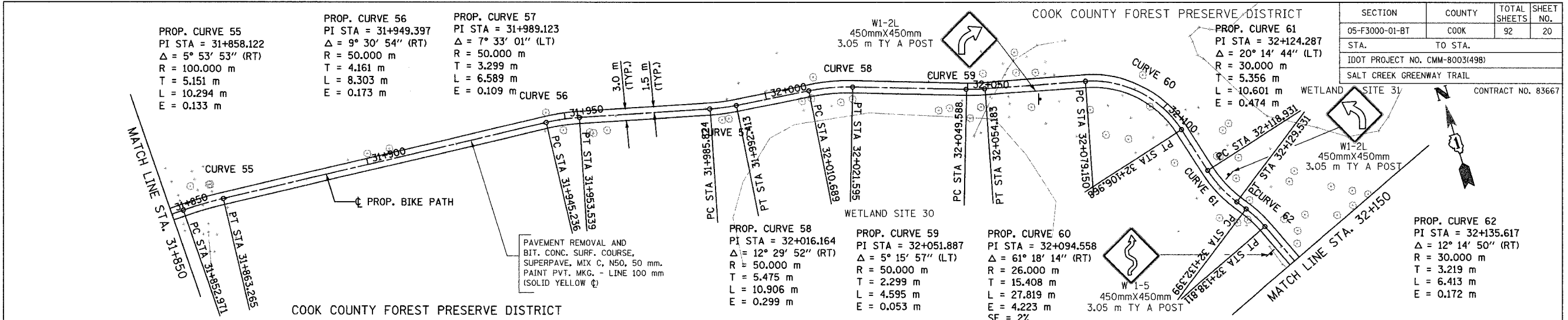
FIRST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 31+200 TO 31+850

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

REVISIONS		
NO.	NAME	DATE

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

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



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	20
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

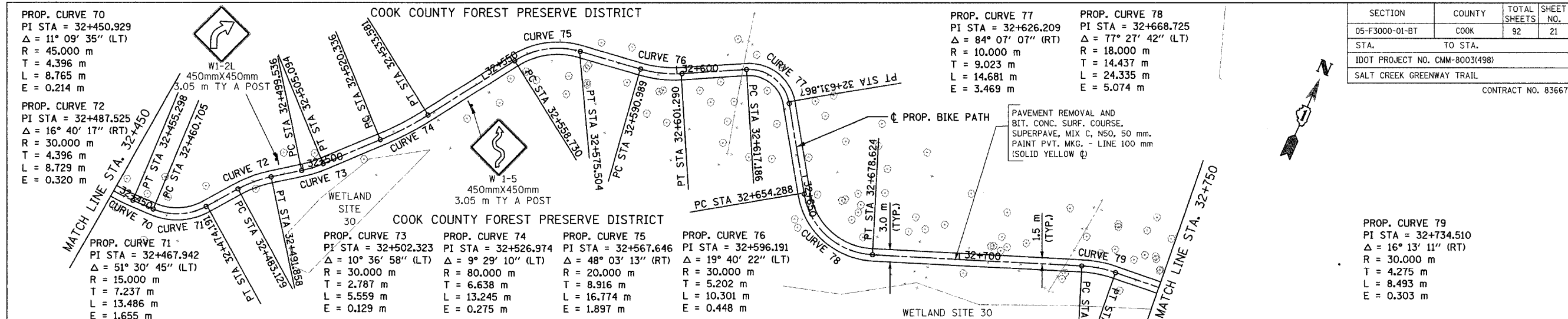
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

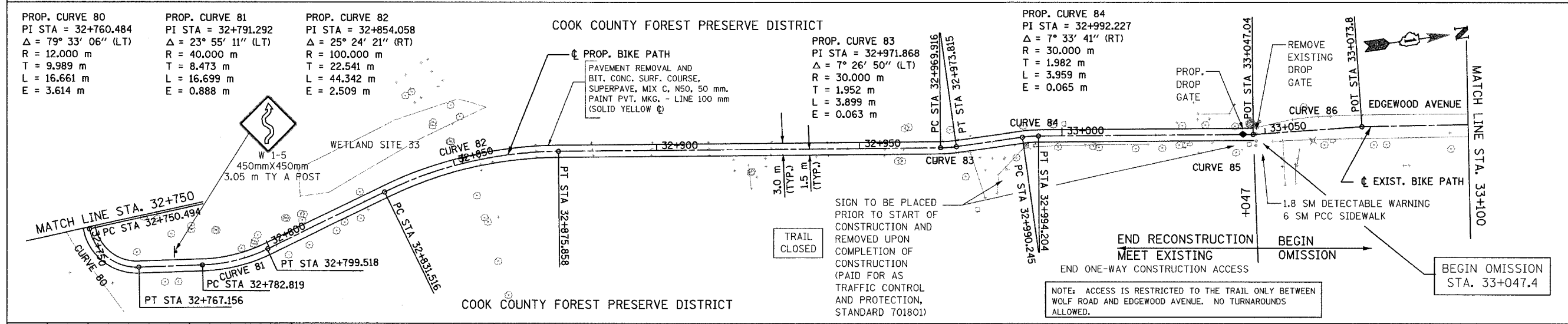
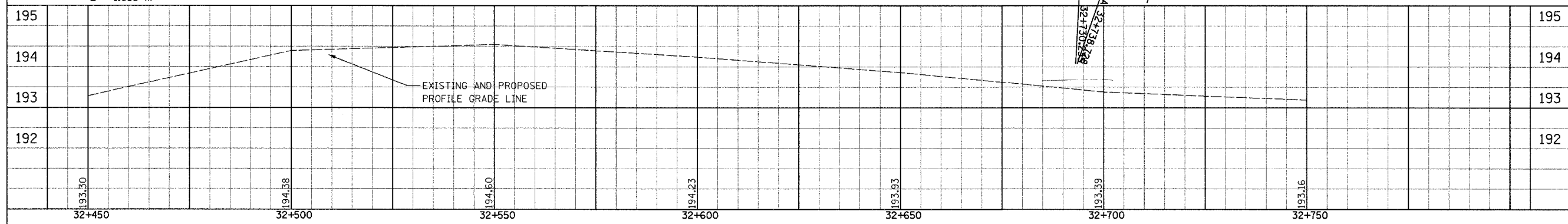
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 31+850 TO 32+450

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

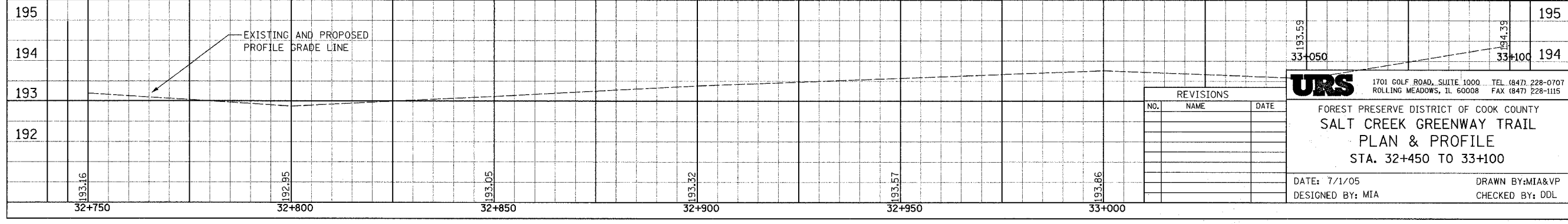
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	21
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



DATE	BY
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
INC.	



DATE	BY
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
INC.	



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

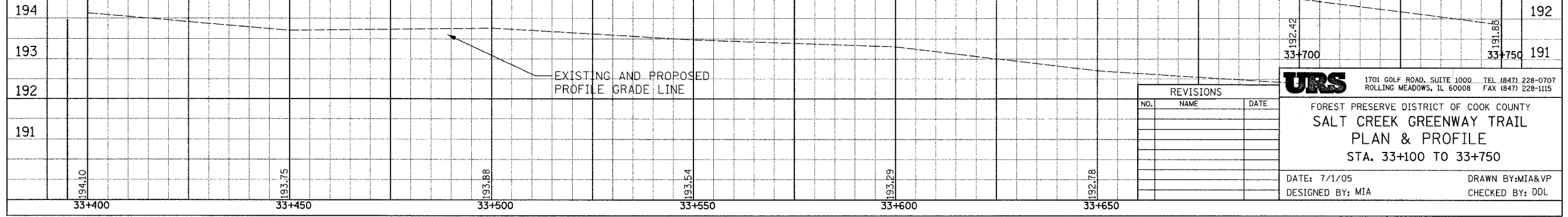
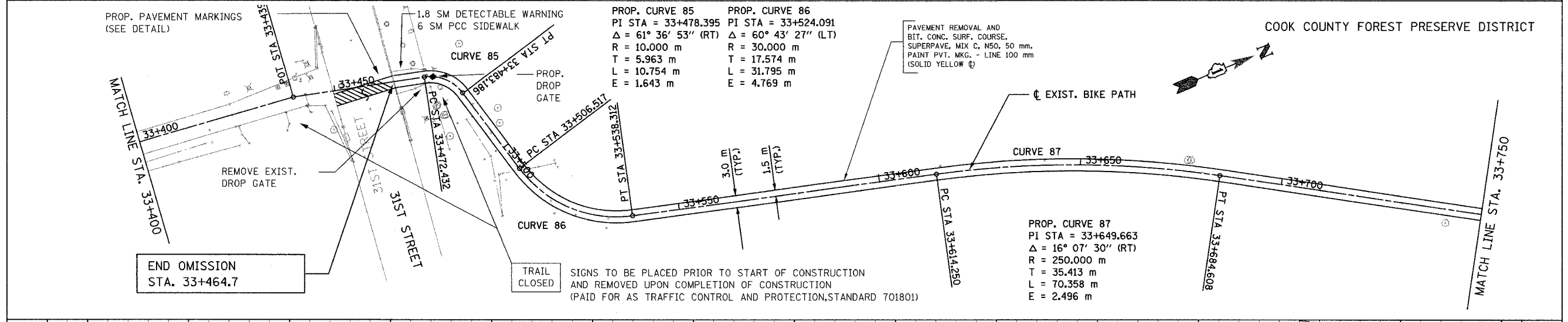
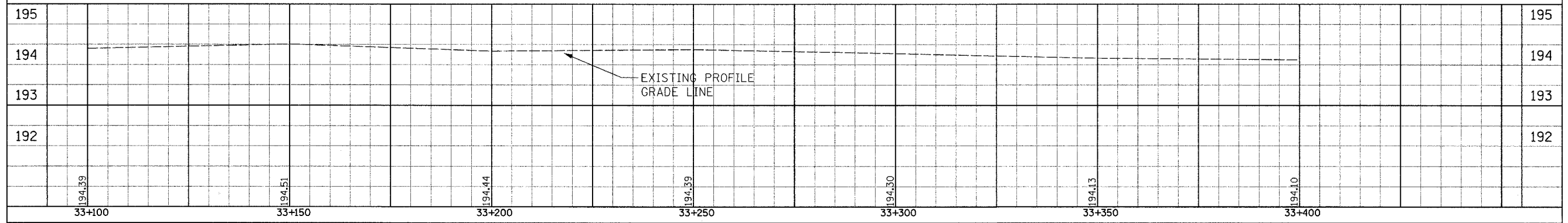
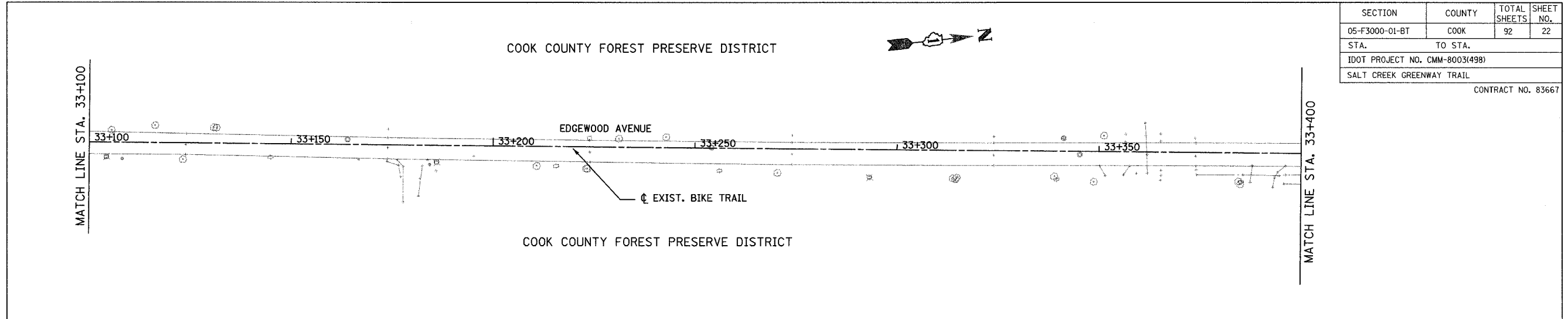
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 32+450 TO 33+100

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	22
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

FINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED	BY	DATE



REVISIONS		
NO.	NAME	DATE

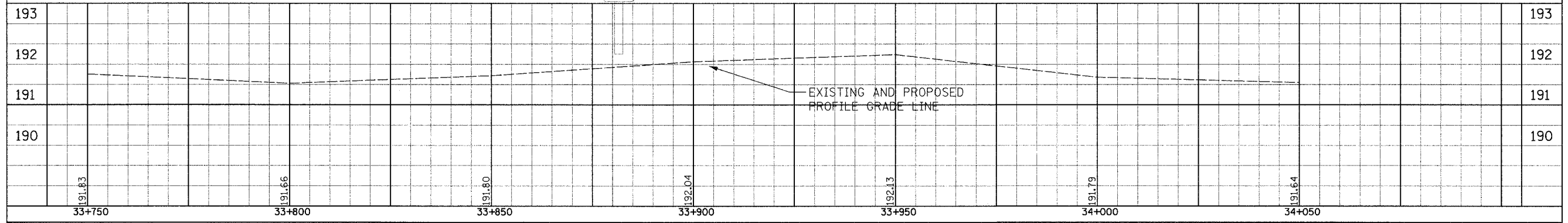
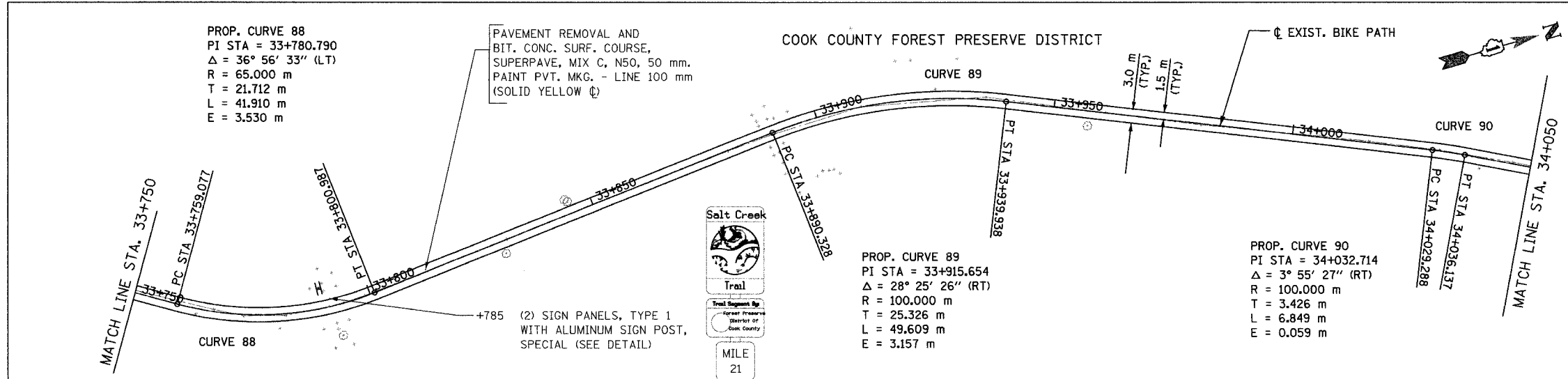
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 33+100 TO 33+750

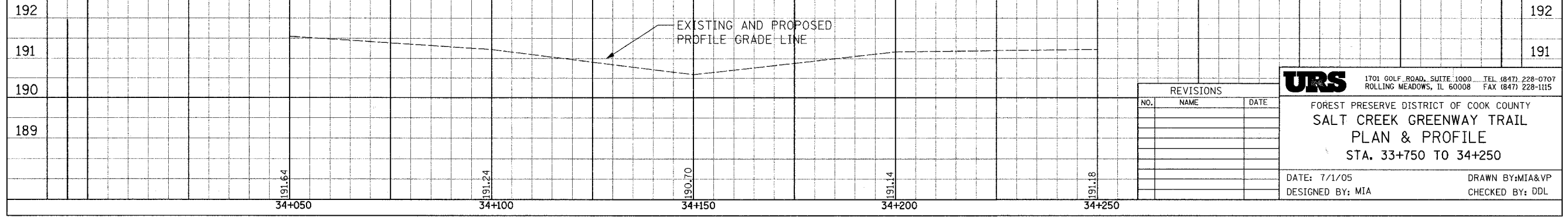
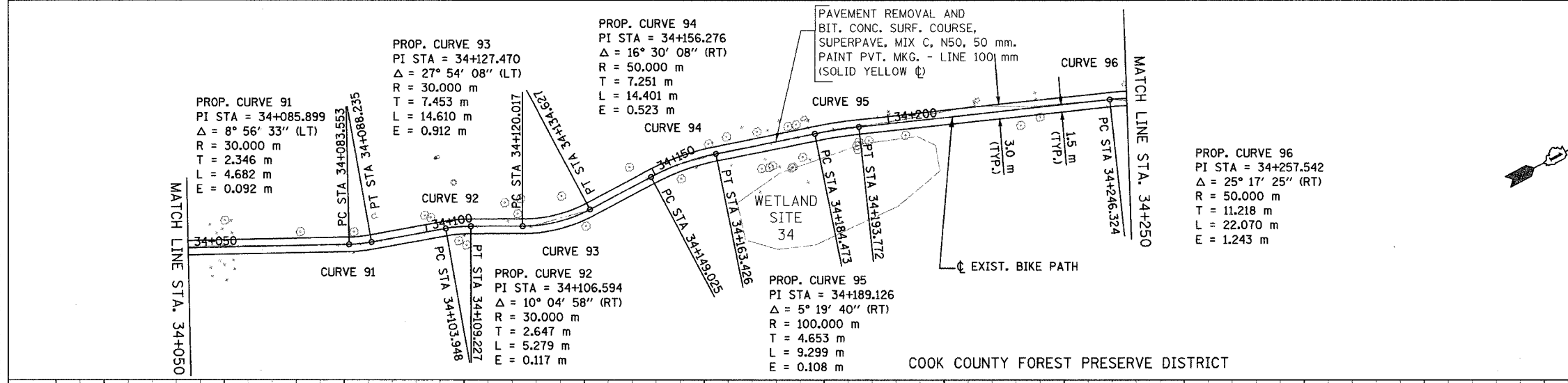
DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	23
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		



ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		



REVISIONS		
NO.	NAME	DATE

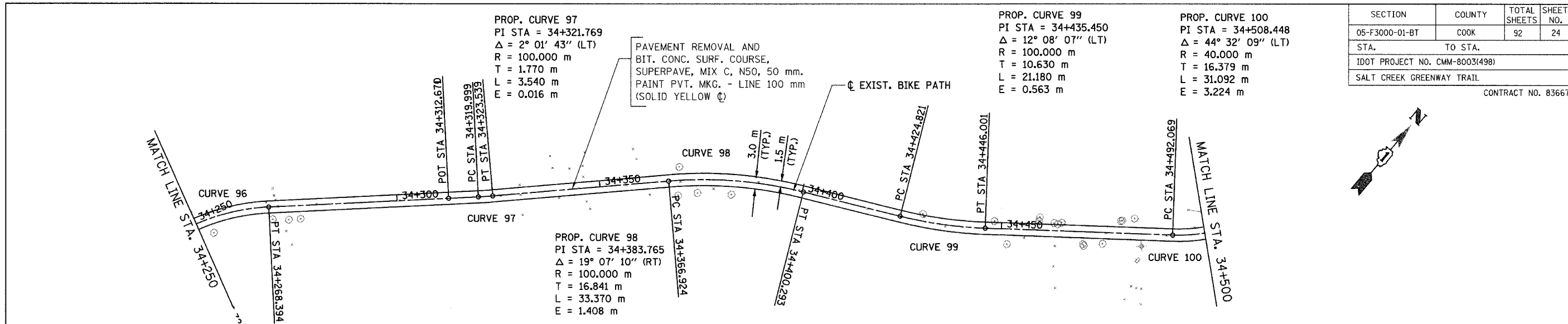
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 33+750 TO 34+250

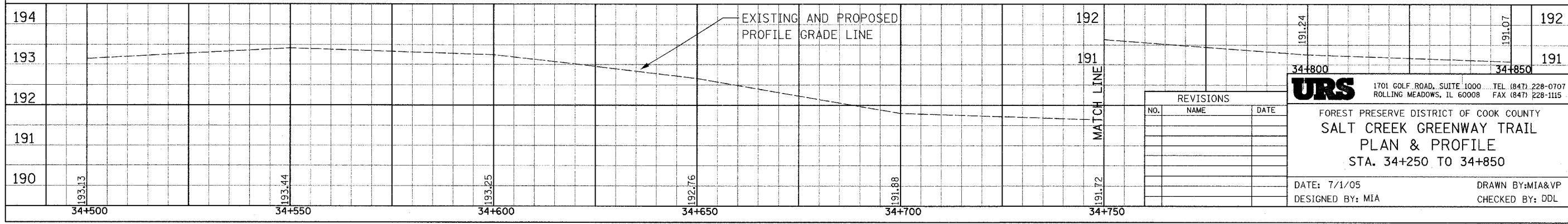
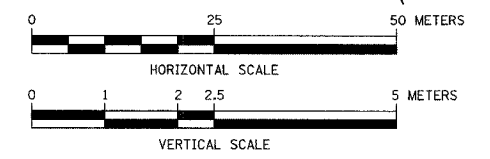
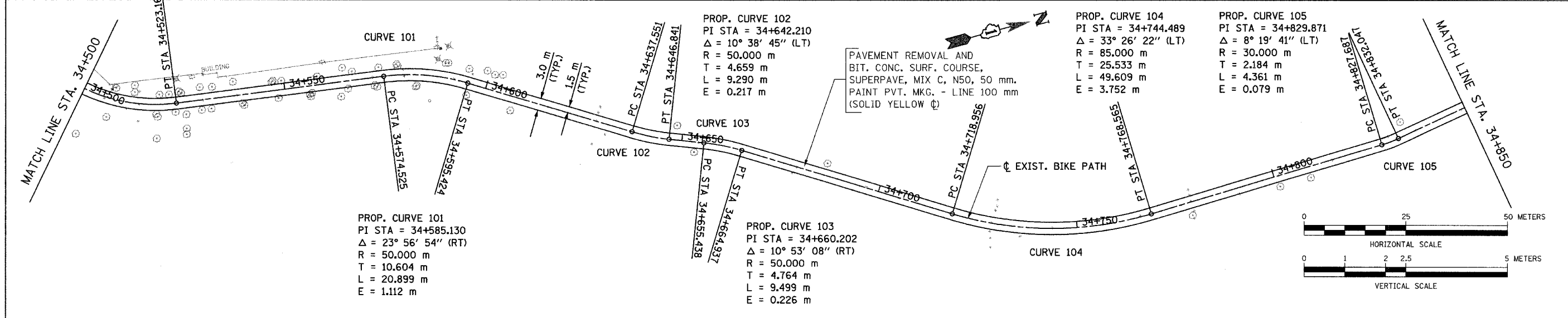
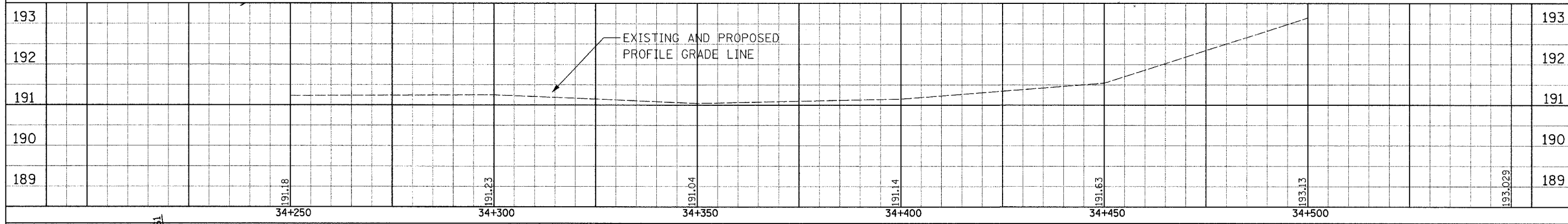
DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

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

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



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	24
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



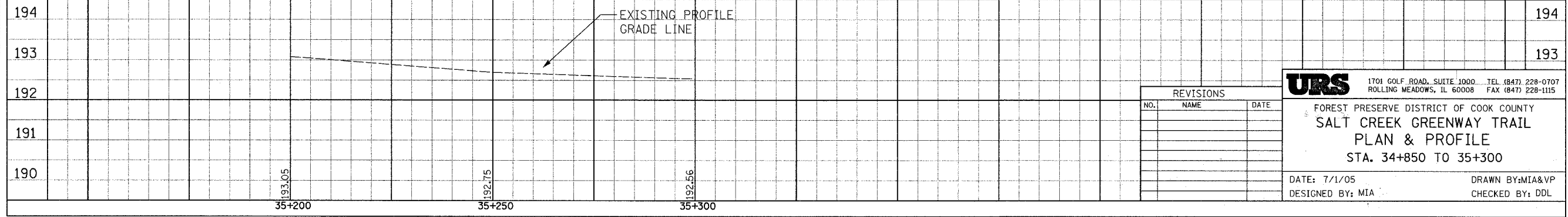
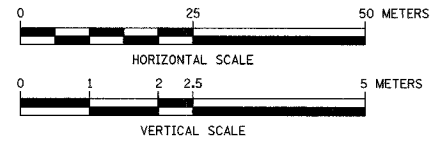
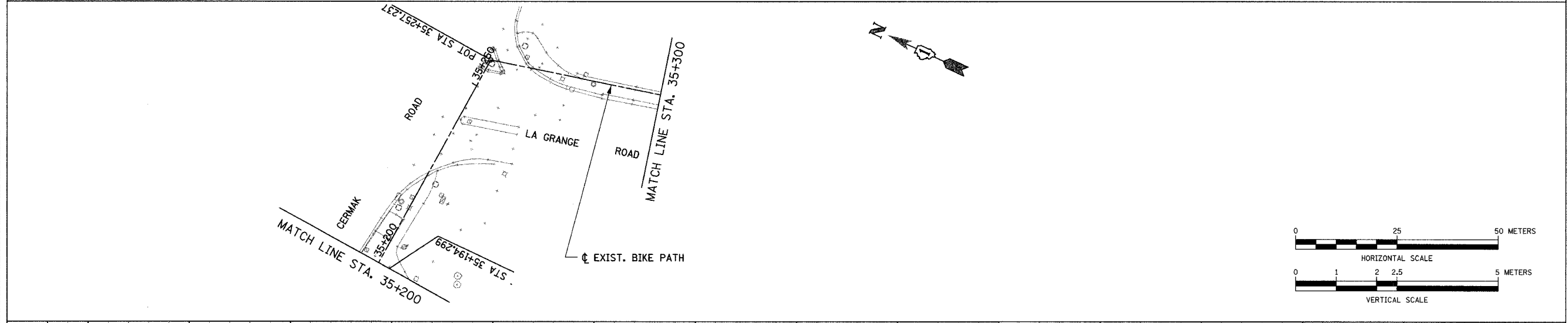
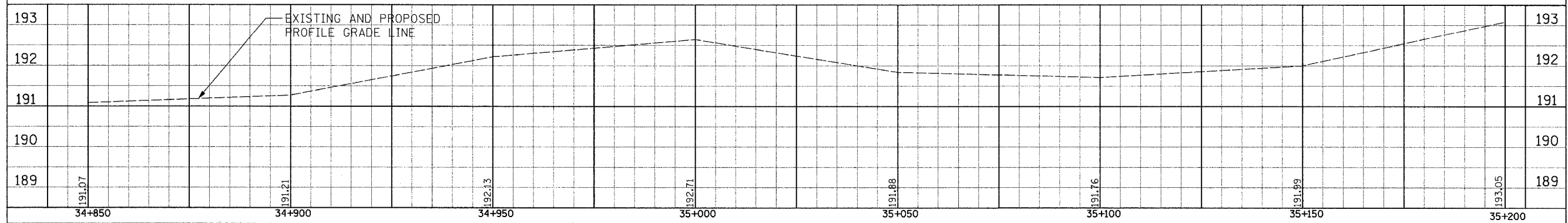
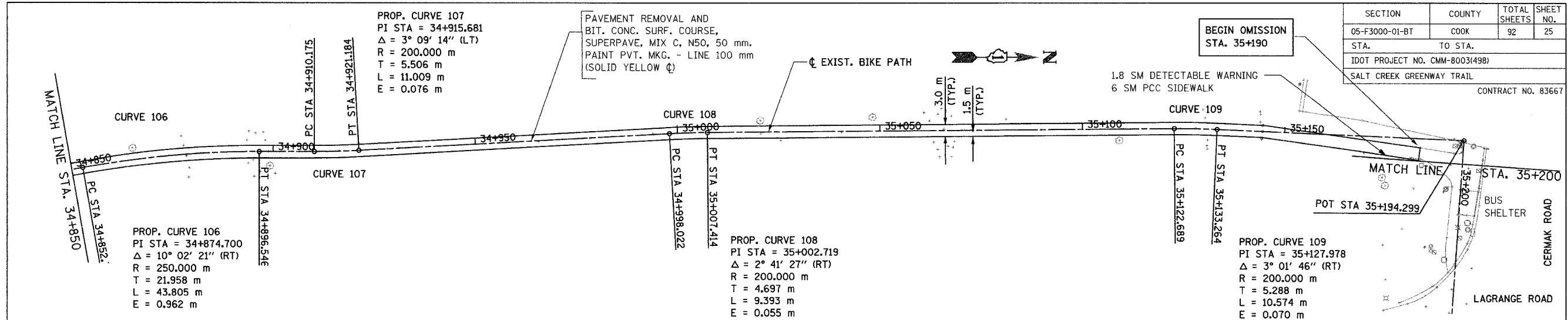
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 34+250 TO 34+850

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	25
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
 SALT CREEK GREENWAY TRAIL
 PLAN & PROFILE
 STA. 34+850 TO 35+300

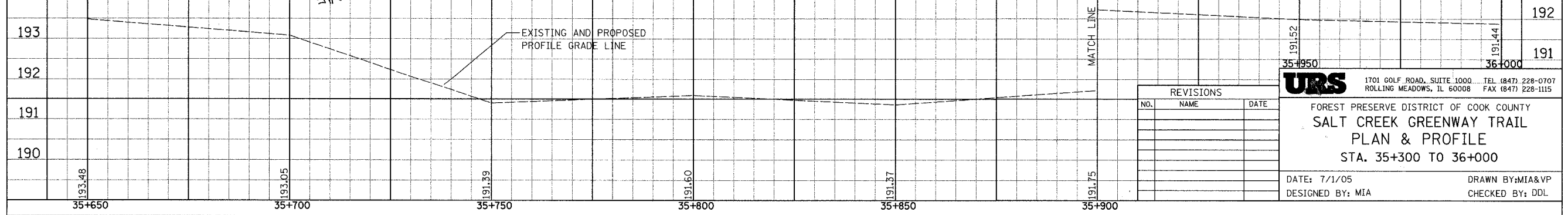
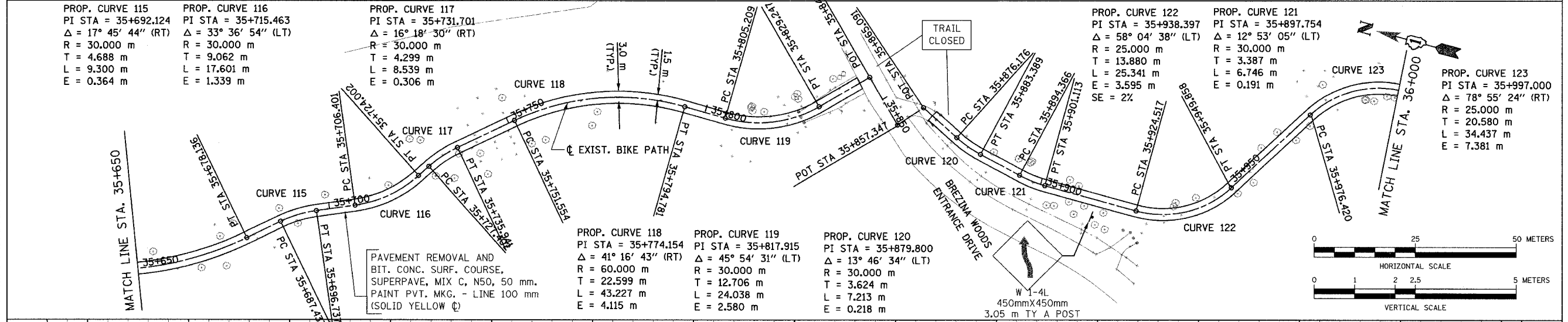
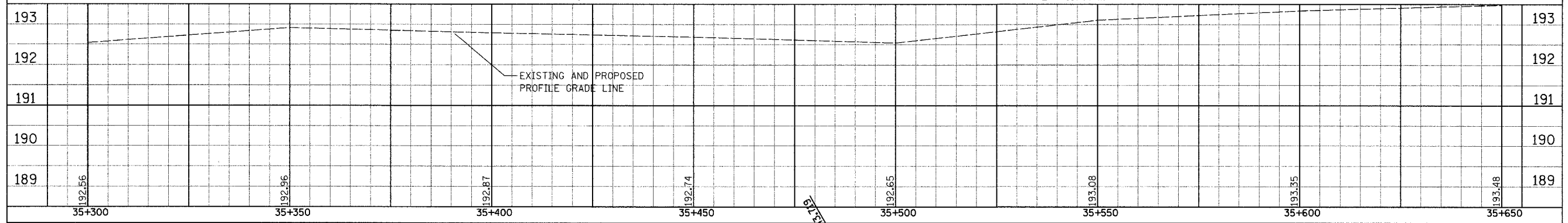
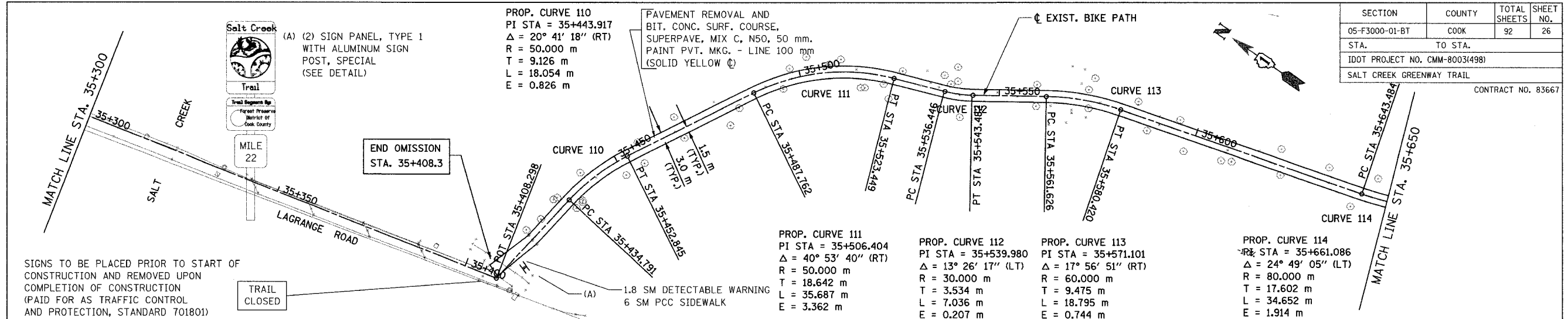
DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

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

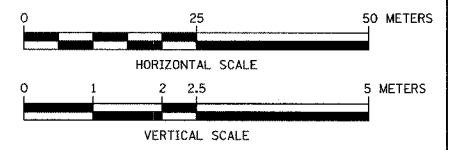
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SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

FINAL SURVEY	DATE
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	26
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

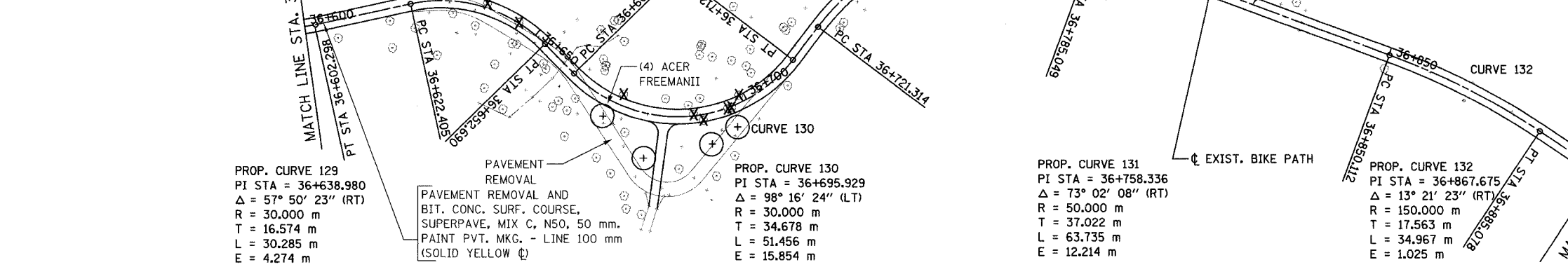
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 35+300 TO 36+000

DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

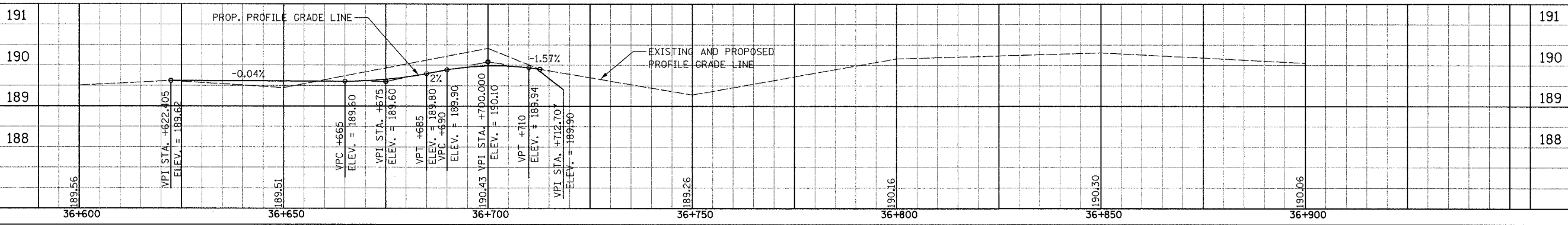
PROPOSED BICYCLE TRAIL
 AGGREGATE BASE COURSE, TYPE B, 150 mm
 BIT. CONC. SURF. COURSE, SUPERPAVE, MIX
 C, N50, 50 mm
 PAINT PVT. MKG. - LINE 100 mm (SOLID
 YELLOW ☉)
 FROM STA. 36+622.4 TO STA. 36+712.7

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	28
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

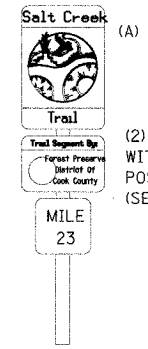
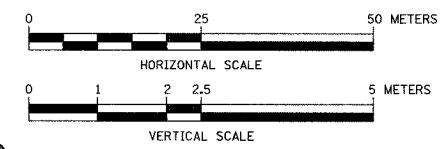
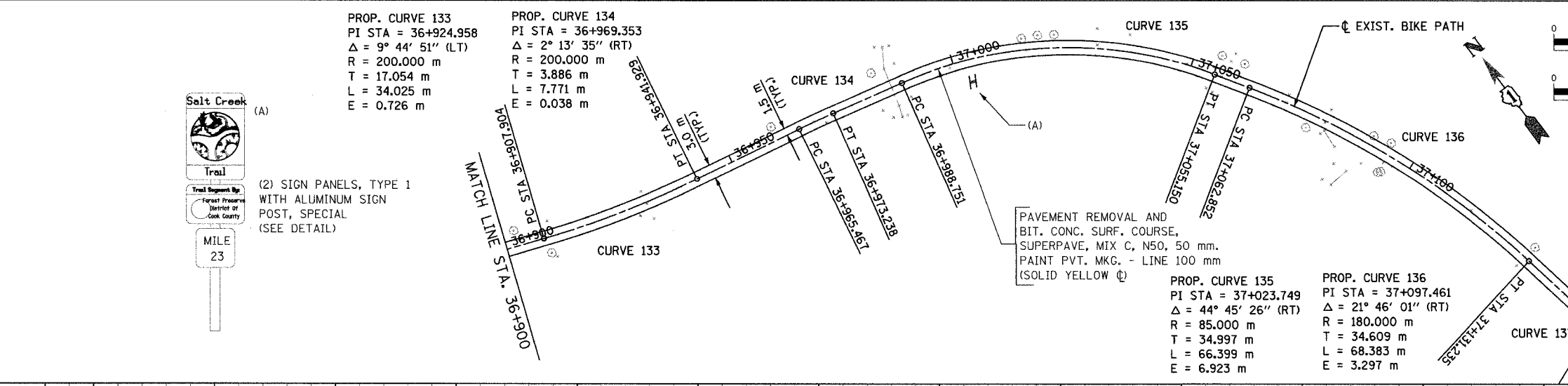
BY	DATE
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
NO.	



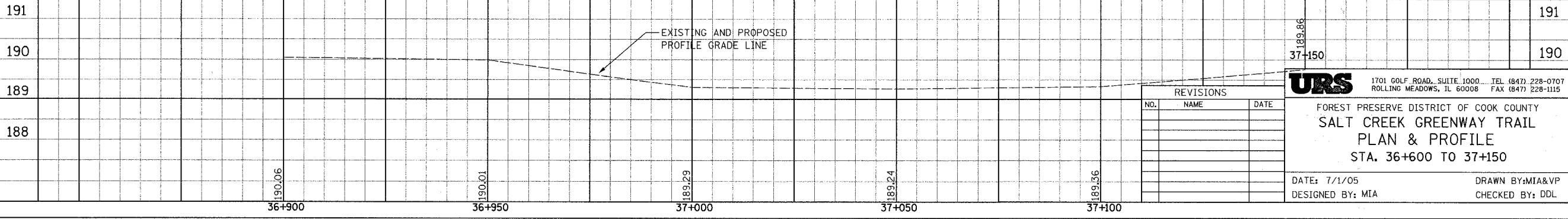
LEGEND:
 X TREE REMOVAL



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



(2) SIGN PANELS, TYPE 1
 WITH ALUMINUM SIGN
 POST, SPECIAL
 (SEE DETAIL)

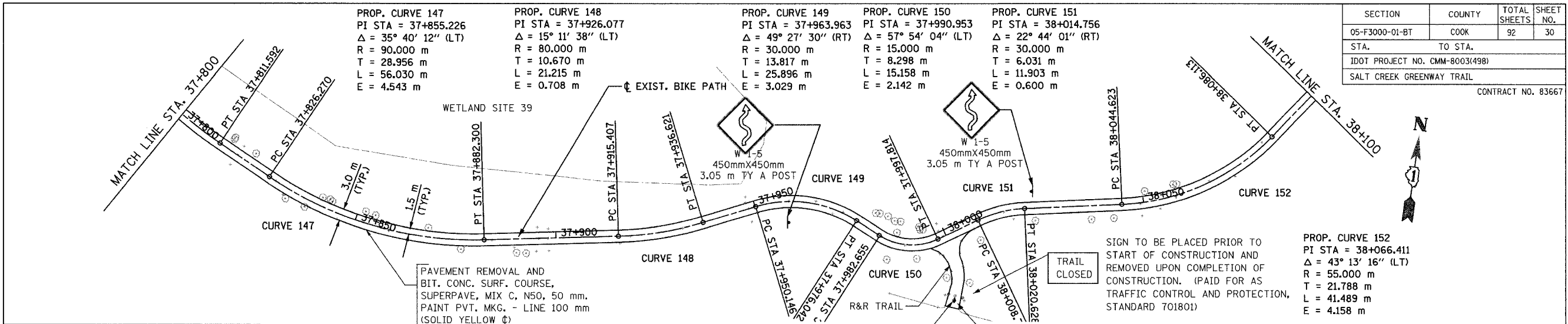


REVISIONS		
NO.	NAME	DATE

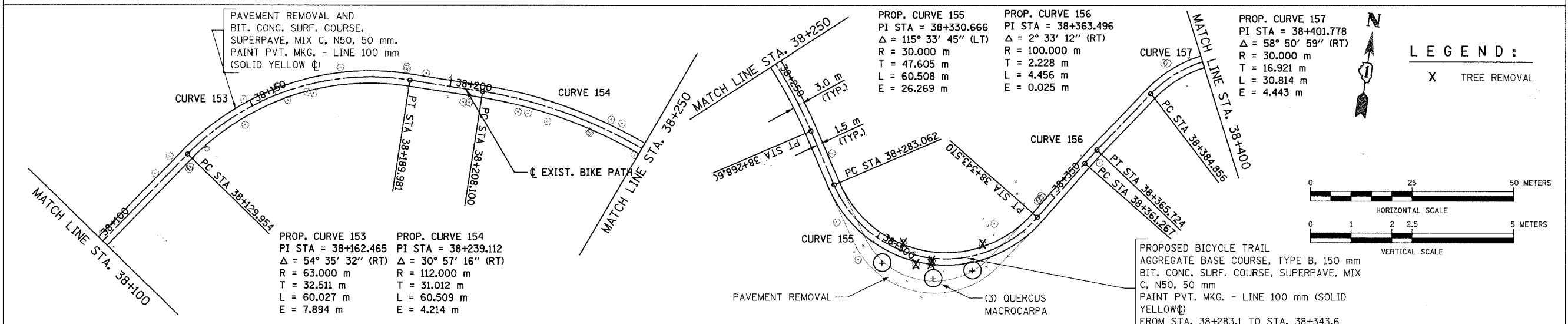
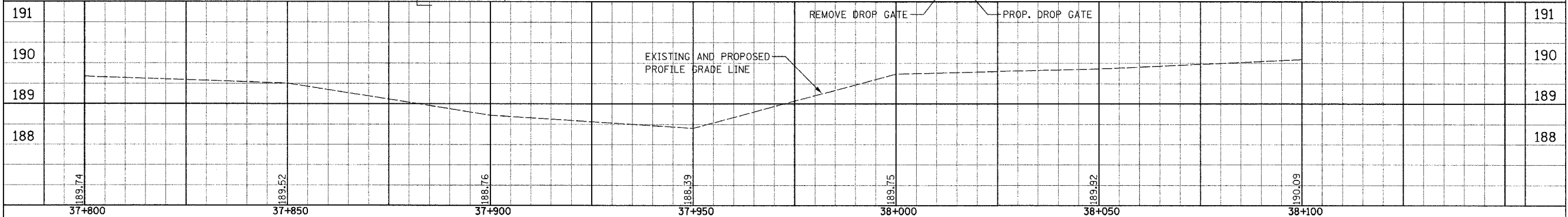
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115
 FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 36+600 TO 37+150
 DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

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

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

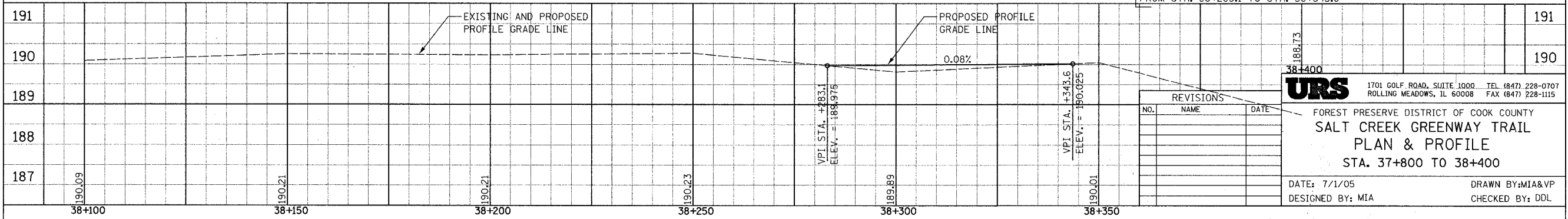
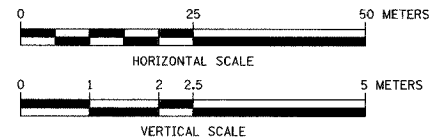


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	30
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



LEGEND:

X TREE REMOVAL



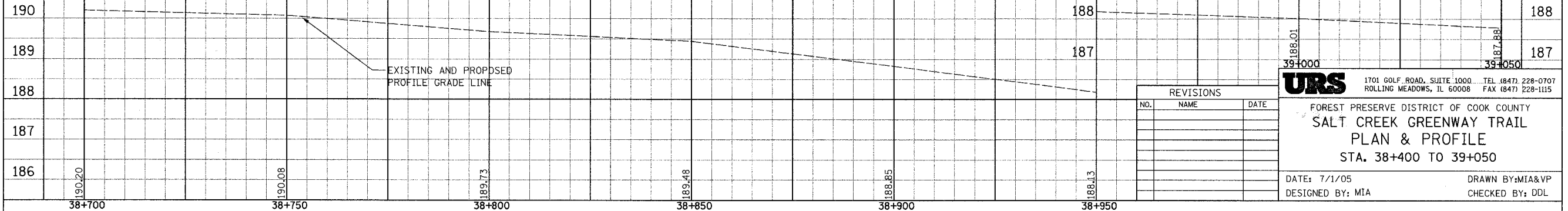
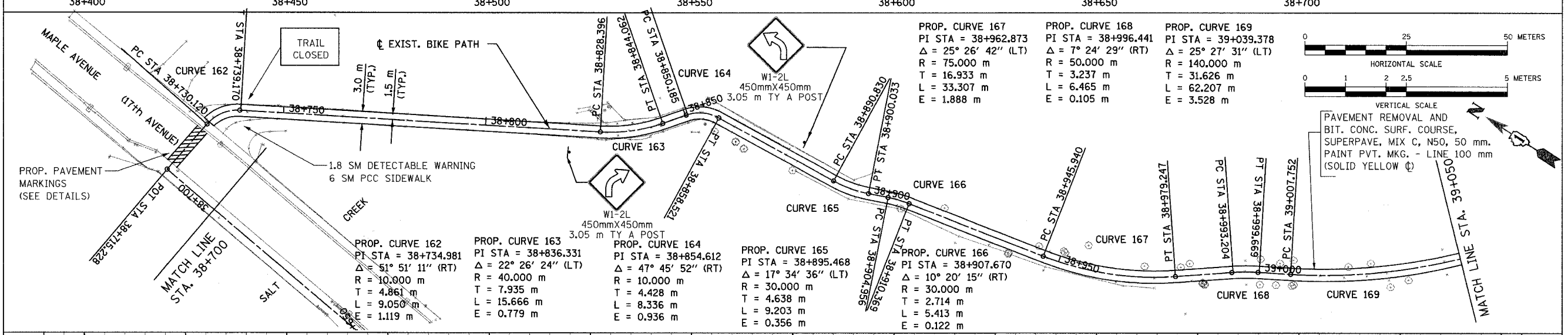
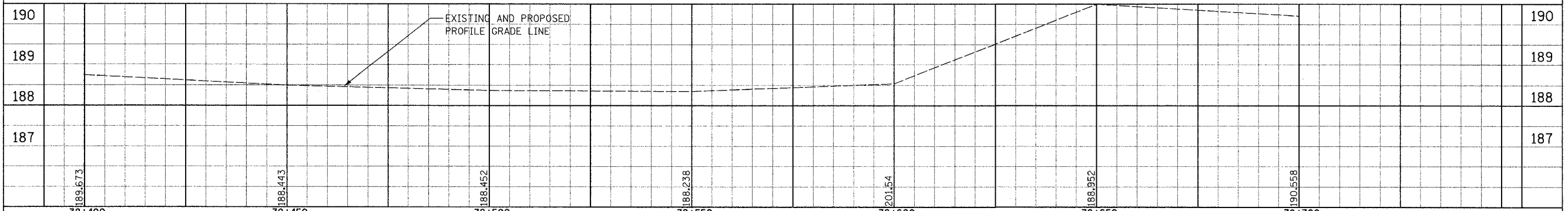
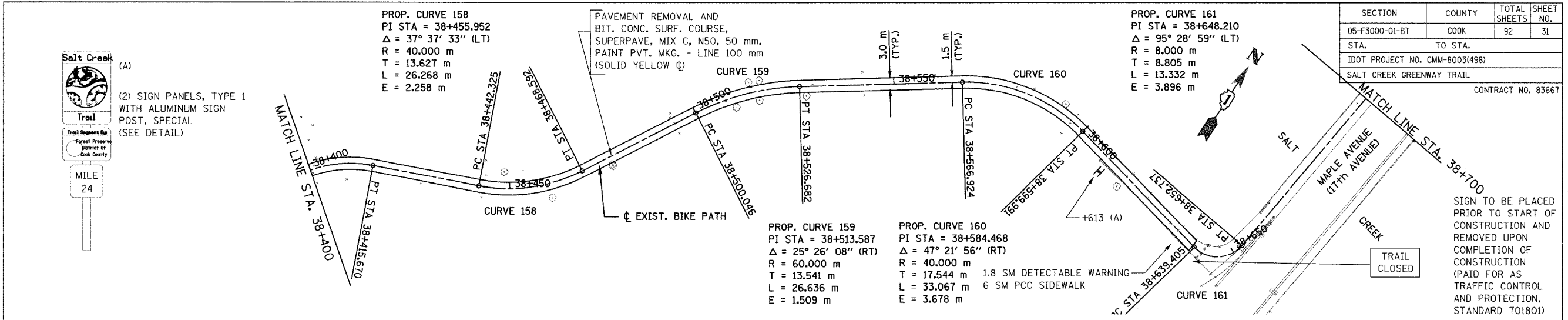
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 37+800 TO 38+400

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

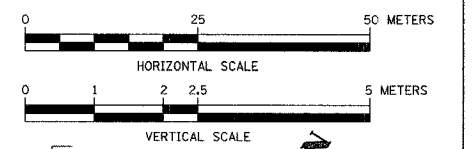
DATE	
BY	
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

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



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	31
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

SIGN TO BE PLACED PRIOR TO START OF CONSTRUCTION AND REMOVED UPON COMPLETION OF CONSTRUCTION (PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701801)



REVISIONS		
NO.	NAME	DATE

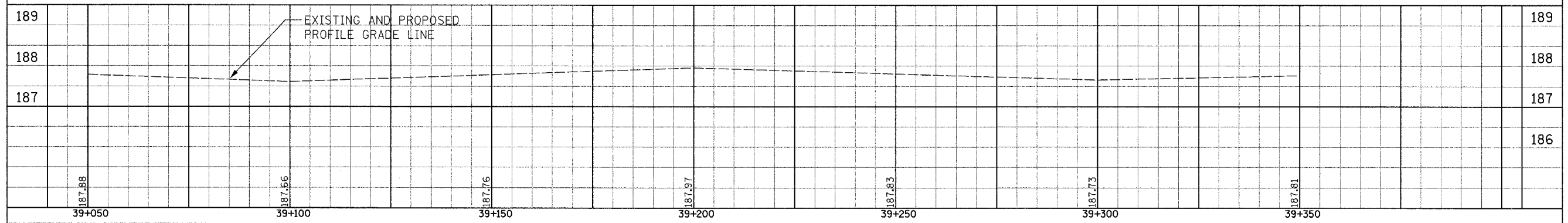
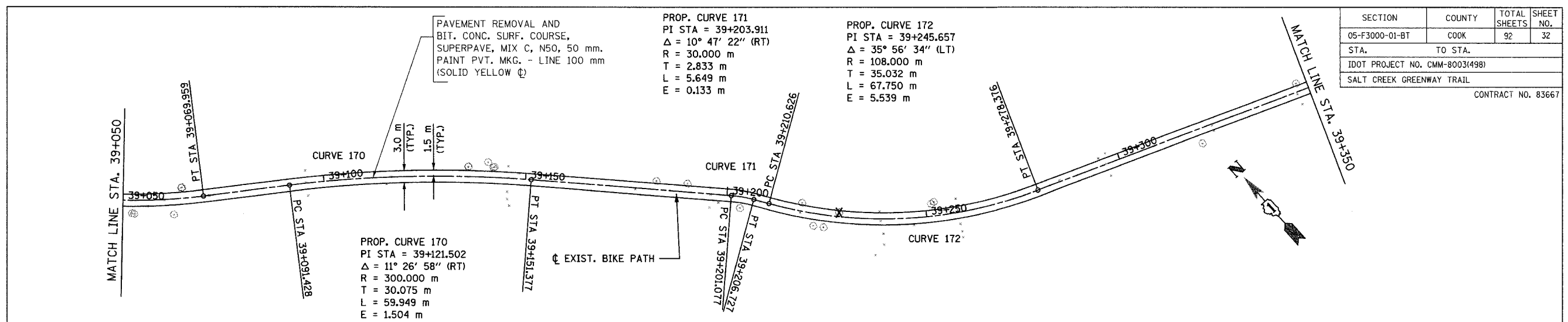
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 38+400 TO 39+050

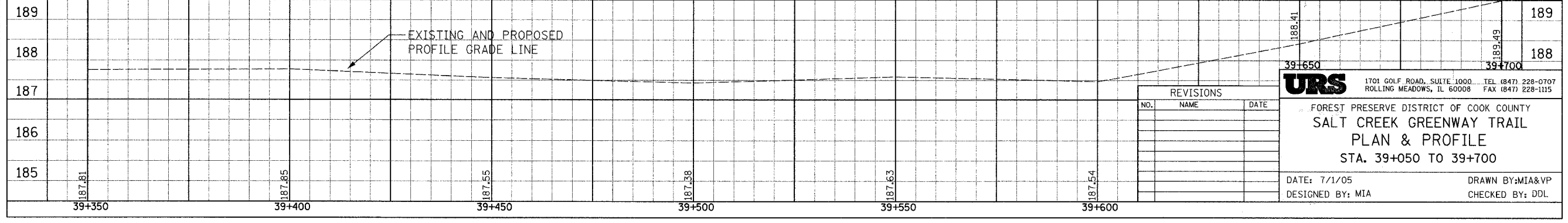
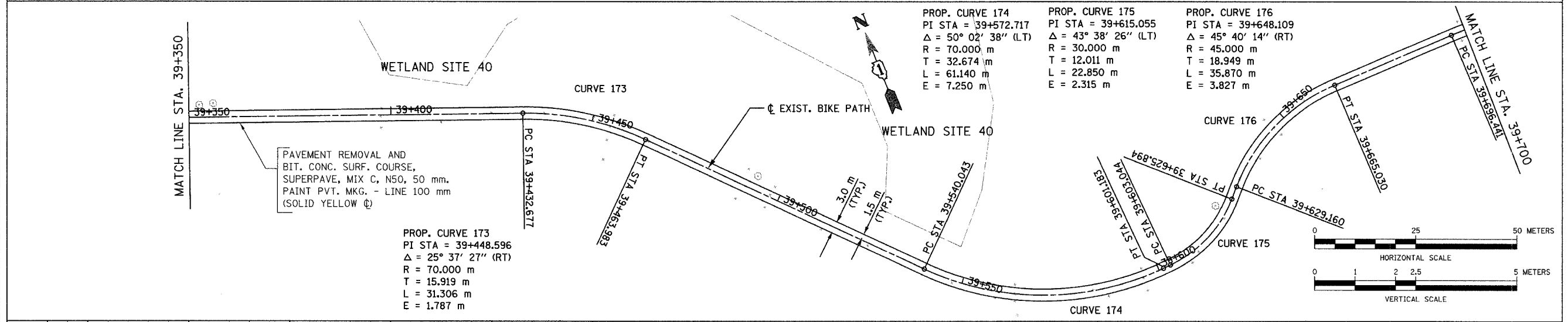
DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	32
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

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



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



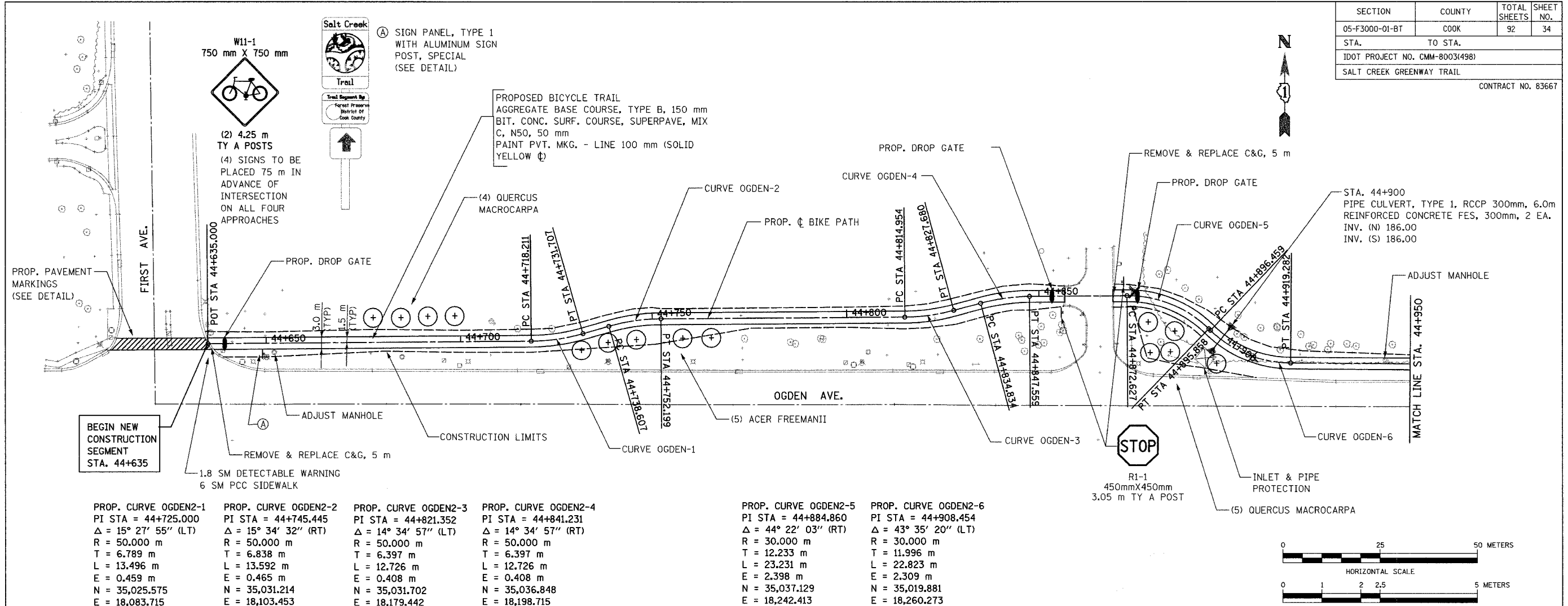
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1155

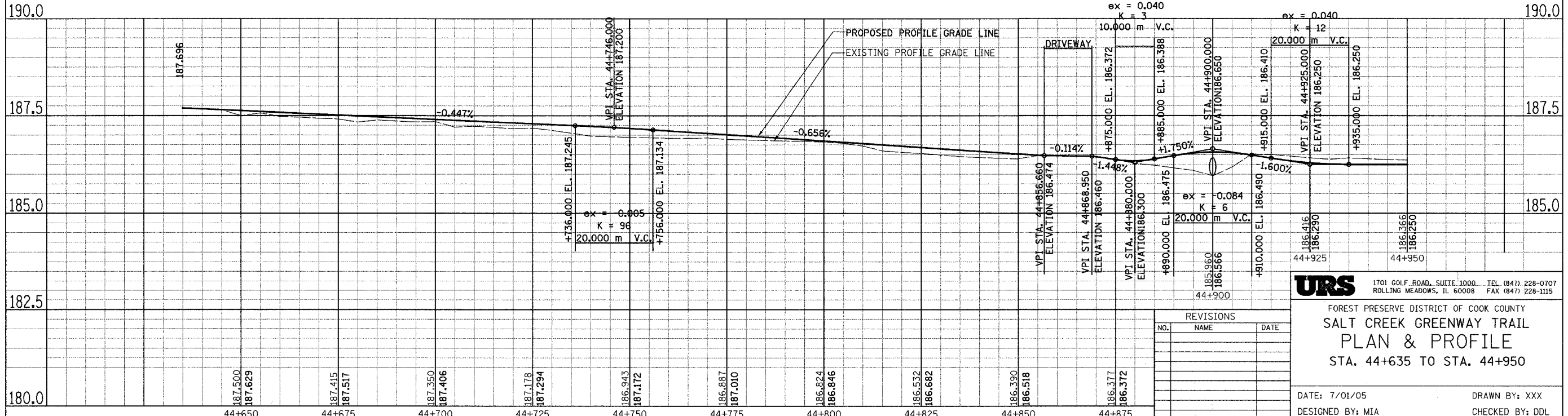
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 39+050 TO 39+700

DATE: 7/1/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	34
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROP. CURVE OGDEN2-1 PI STA = 44+725.000 $\Delta = 15^\circ 27' 55''$ (LT) R = 50.000 m T = 6.789 m L = 13.496 m E = 0.459 m N = 35,025.575 E = 18,083.715	PROP. CURVE OGDEN2-2 PI STA = 44+745.445 $\Delta = 15^\circ 34' 32''$ (RT) R = 50.000 m T = 6.838 m L = 13.592 m E = 0.465 m N = 35,031.214 E = 18,103.453	PROP. CURVE OGDEN2-3 PI STA = 44+821.352 $\Delta = 14^\circ 34' 57''$ (LT) R = 50.000 m T = 6.397 m L = 12.726 m E = 0.408 m N = 35,031.702 E = 18,179.442	PROP. CURVE OGDEN2-4 PI STA = 44+841.231 $\Delta = 14^\circ 34' 57''$ (RT) R = 50.000 m T = 6.397 m L = 12.726 m E = 0.408 m N = 35,036.848 E = 18,198.715	PROP. CURVE OGDEN2-5 PI STA = 44+884.860 $\Delta = 44^\circ 22' 03''$ (RT) R = 30.000 m T = 12.233 m L = 23.231 m E = 2.398 m N = 35,037.129 E = 18,242.413	PROP. CURVE OGDEN2-6 PI STA = 44+908.454 $\Delta = 43^\circ 35' 20''$ (LT) R = 30.000 m T = 11.996 m L = 22.823 m E = 2.309 m N = 35,019.881 E = 18,260.273
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REVISIONS		
NO.	NAME	DATE

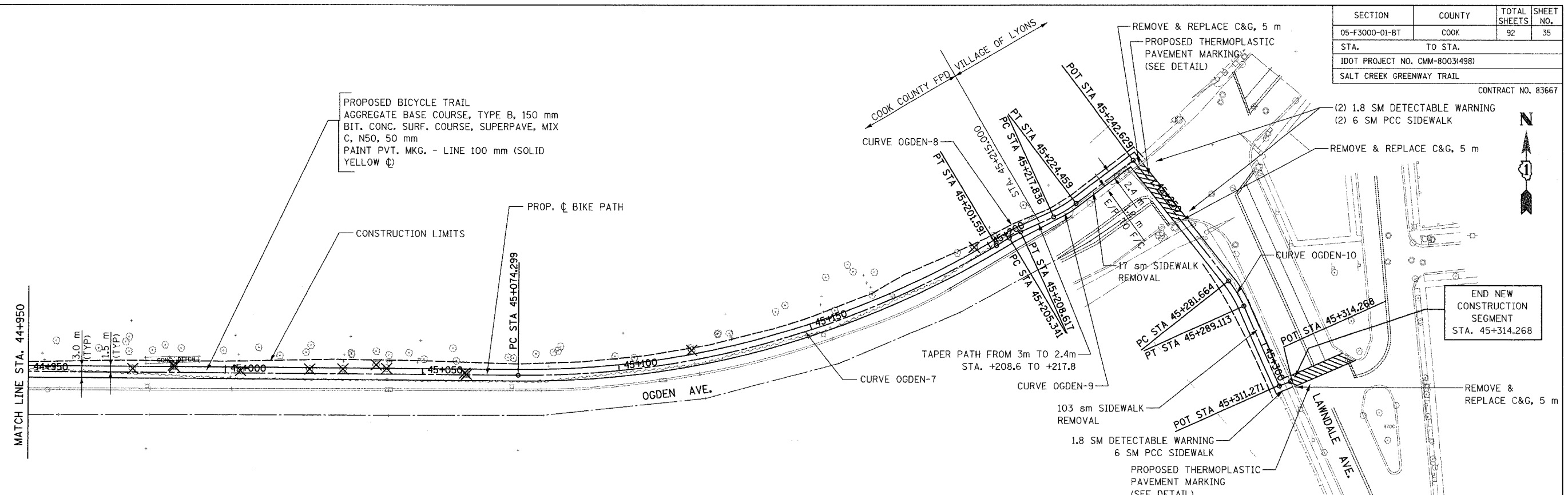
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
 PLAN & PROFILE**
 STA. 44+635 TO STA. 44+950

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	35
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			

CONTRACT NO. 83667

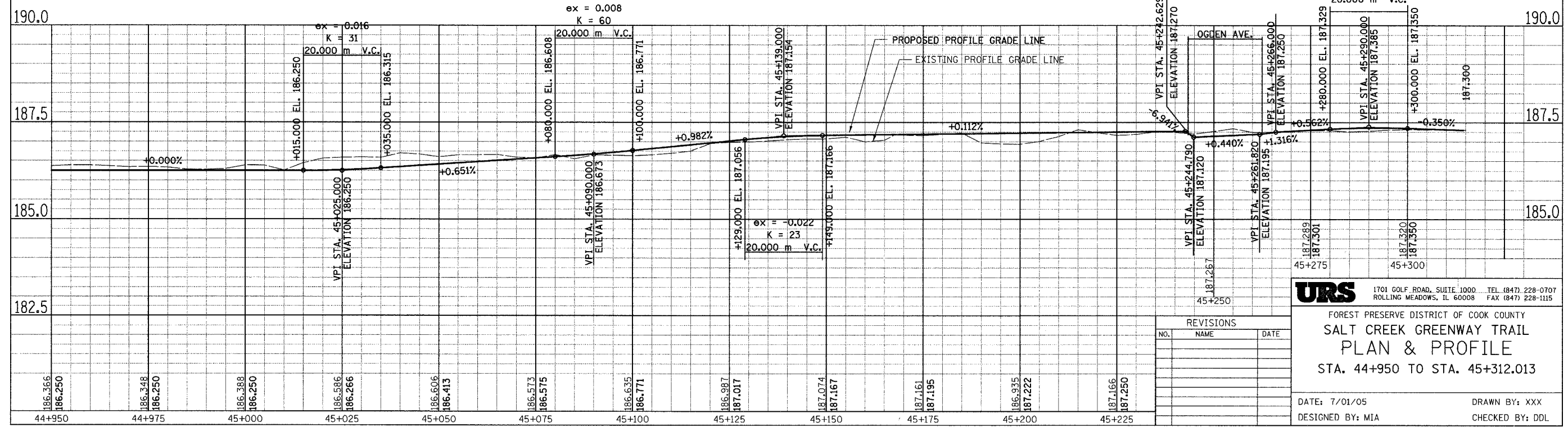
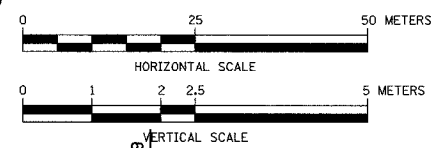


PROP. CURVE OGDEN2-7
 PI STA = 45+139.565
 $\Delta = 31^\circ 11' 40''$ (LT)
 R = 233.800 m
 T = 65.266 m
 L = 127.292 m
 E = 8.939 m
 N = 35,018.216
 E = 18,492.547

PROP. CURVE OGDEN2-8
 PI STA = 45+206.980
 $\Delta = 6^\circ 15' 24''$ (RT)
 R = 30,000 m
 T = 1.640 m
 L = 3.276 m
 E = 0.045 m
 N = 35,054.377
 E = 18,553.247

PROP. CURVE OGDEN2-9
 PI STA = 45+221.161
 $\Delta = 12^\circ 38' 58''$ (LT)
 R = 30,000 m
 T = 3.325 m
 L = 6.623 m
 E = 0.184 m
 N = 35,060.265
 E = 18,566.151

PROP. CURVE OGDEN2-10
 PI STA = 45+285.408
 $\Delta = 14^\circ 13' 39''$ (RT)
 R = 30,001 m
 T = 3.744 m
 L = 7.450 m
 E = 0.233 m
 N = 35,039.679
 E = 18,609.788



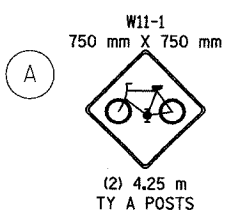
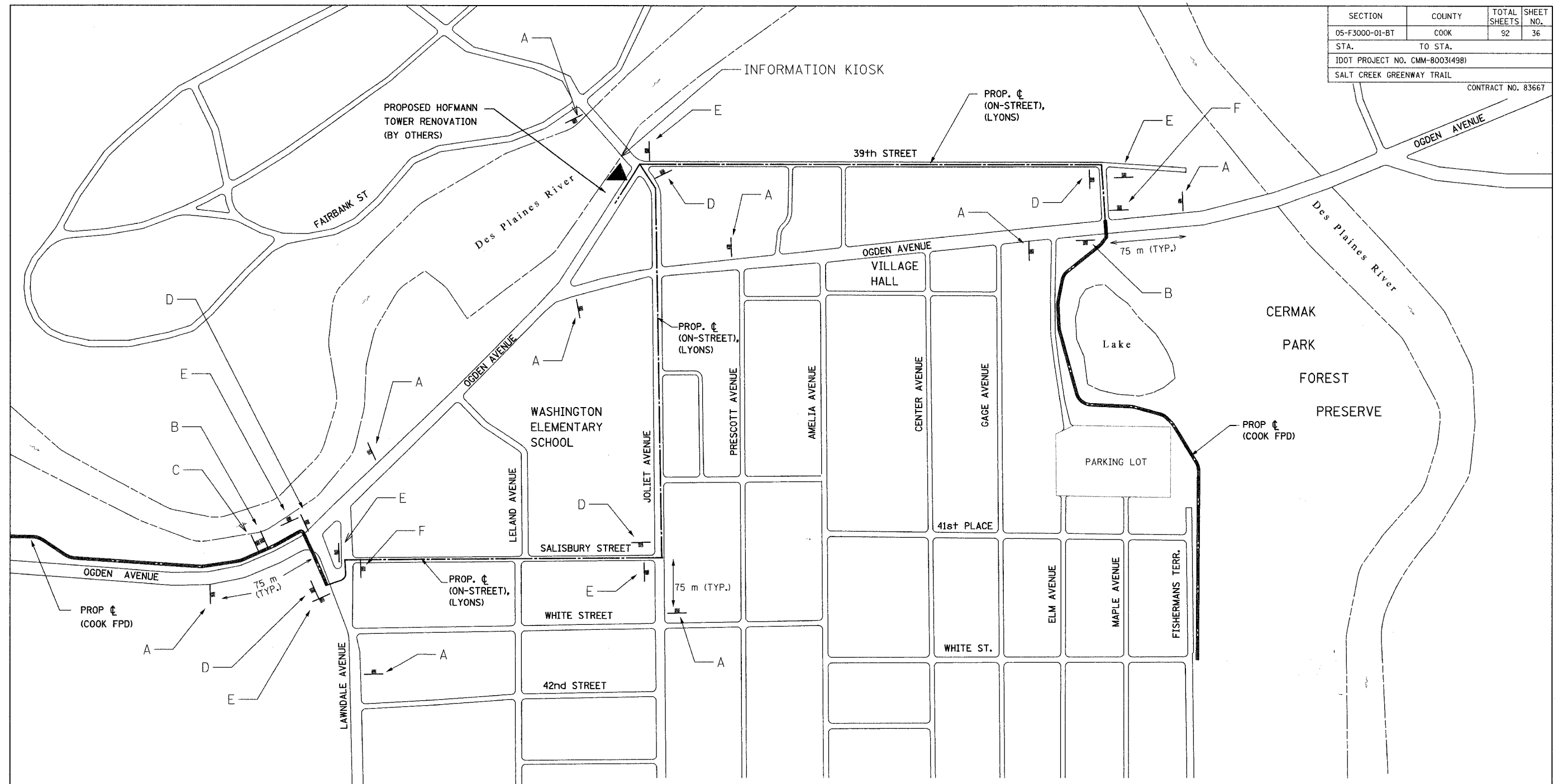
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

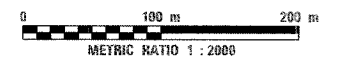
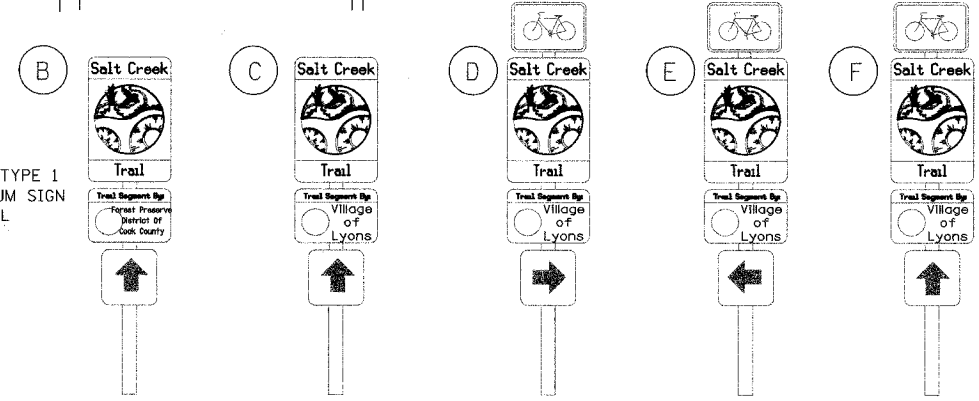
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 44+950 TO STA. 45+312.013

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	36
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



SIGN PANEL, TYPE 1 WITH ALUMINUM SIGN POST, SPECIAL (SEE DETAIL)



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
 PROPOSED ON-STREET ROUTE

DATE: 7/01/05 DRAWN BY: MIA&VP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	37
STA. TO STA.			
IDOT PROJECT NO. CMM-80031498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

BEGIN NEW SEGMENT CONSTRUCTION
 STA. 46+940.000
 N = 4,029.957
 E = 2,938.031



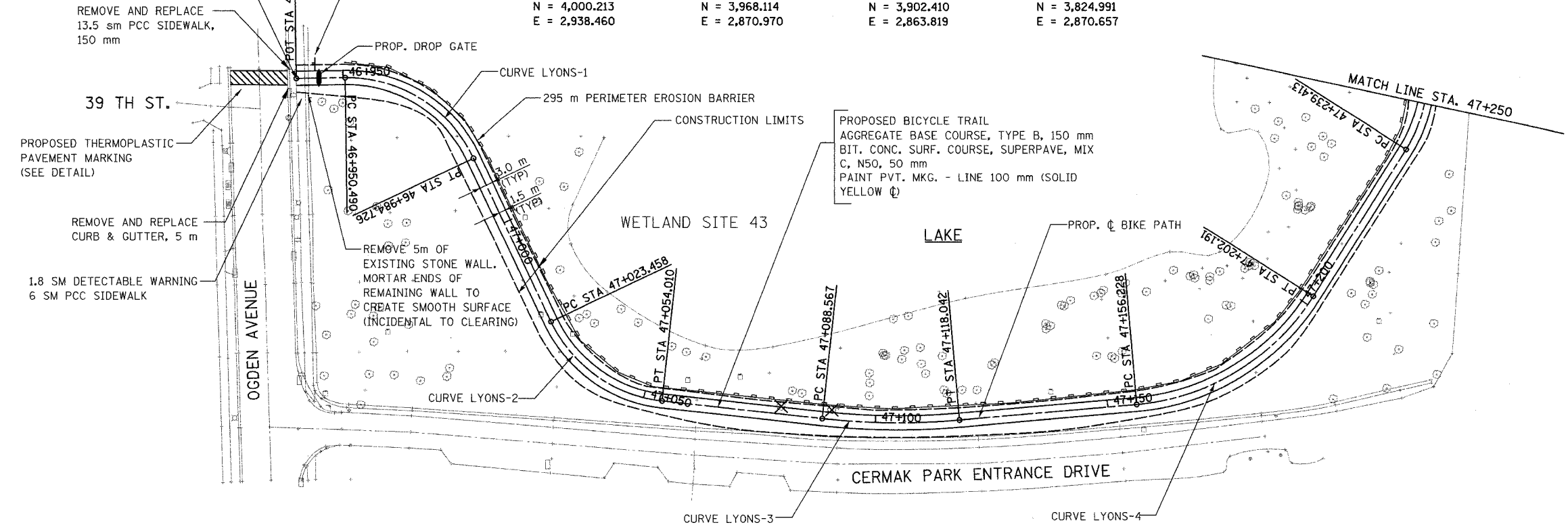
R1-1
 450mmX450mm
 3.05 m TY A POST

PROP. CURVE LYONS-1
 PI STA = 46+969.744
 $\Delta = 65^\circ 23' 10''$ (RT)
 R = 30.000 m
 T = 19.255 m
 L = 34.236 m
 E = 5.647 m
 N = 4,000.213
 E = 2,938.460

PROP. CURVE LYONS-2
 PI STA = 47+040.207
 $\Delta = 58^\circ 21' 01''$ (LT)
 R = 30.000 m
 T = 16.749 m
 L = 30.552 m
 E = 4.359 m
 N = 3,968.114
 E = 2,870.970

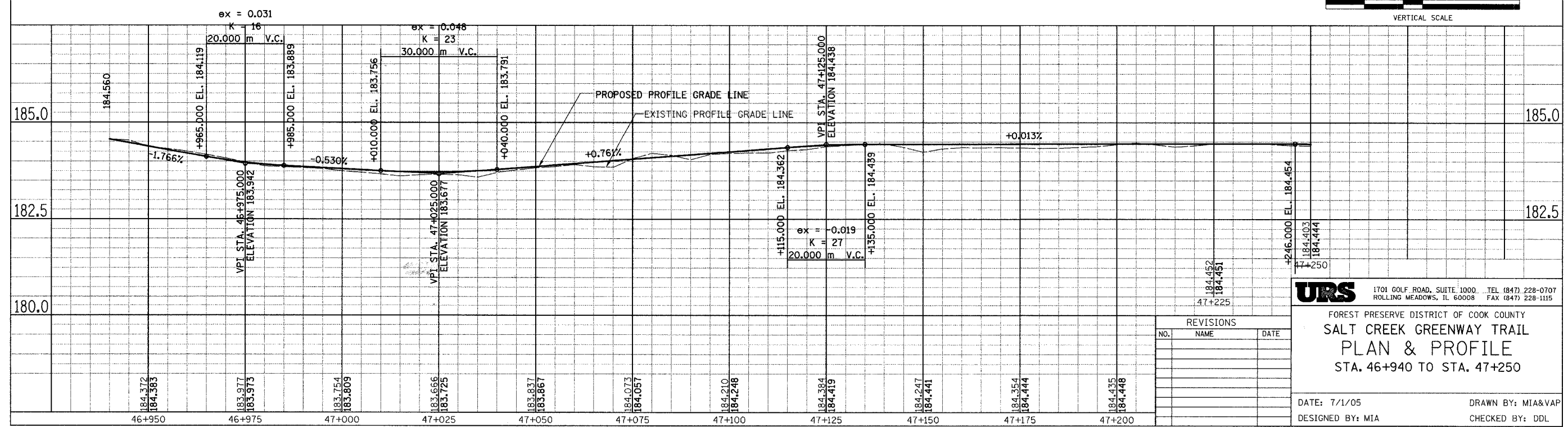
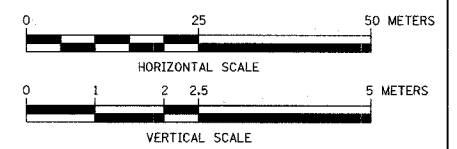
PROP. CURVE LYONS-3
 PI STA = 47+103.352
 $\Delta = 11^\circ 15' 31''$ (LT)
 R = 150.000 m
 T = 14.785 m
 L = 29.475 m
 E = 0.727 m
 N = 3,902.410
 E = 2,863.819

PROP. CURVE LYONS-4
 PI STA = 47+180.977
 $\Delta = 52^\circ 40' 11''$ (LT)
 R = 50.000 m
 T = 24.749 m
 L = 45.963 m
 E = 5.790 m
 N = 3,824.991
 E = 2,870.657



LEGEND

- SWALE TIP
- DITCH SUMMIT
- DITCH CHECK
- PROPOSED CULVERT
- EXISTING CULVERT
- EXISTING MANHOLE
- EXISTING FENCE
- FLARED END SECTION
- INLET AND PIPE PROTECTION
- TREE REMOVAL
- PERIMETER EROSION BARRIER



REVISIONS

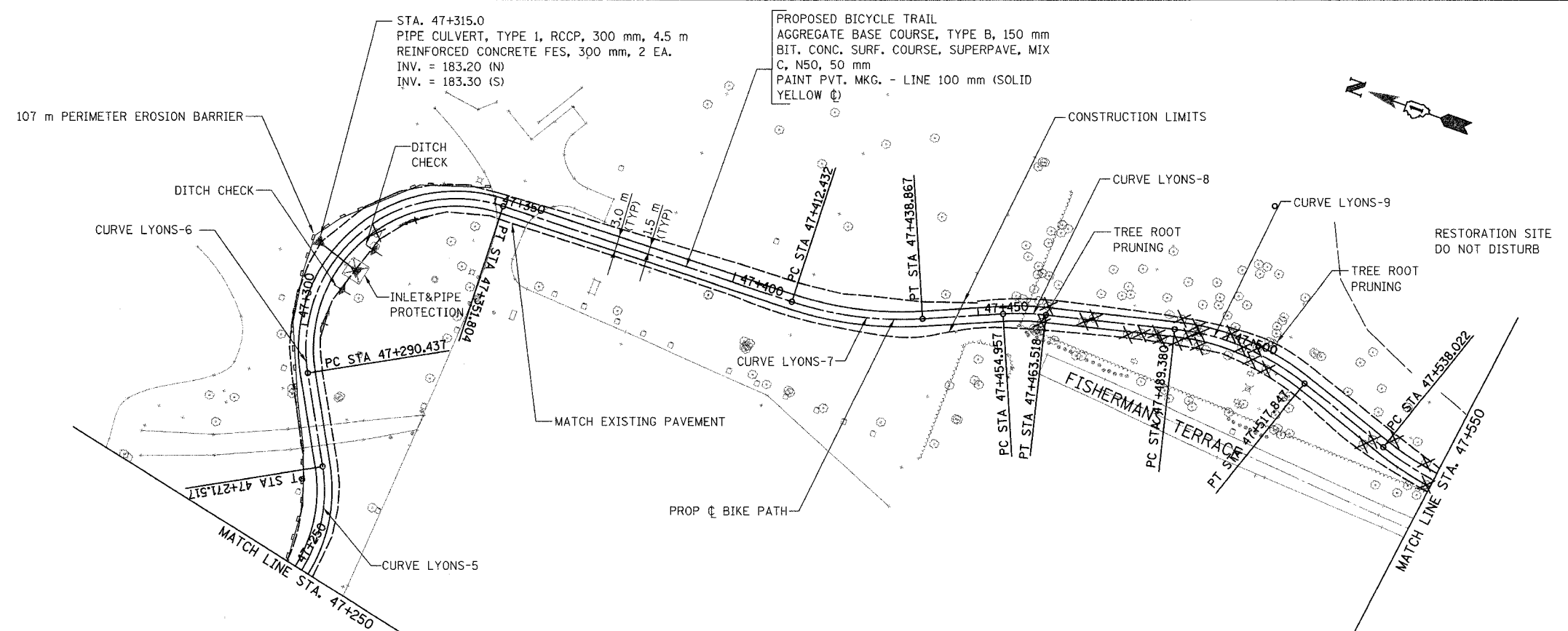
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 46+940 TO STA. 47+250

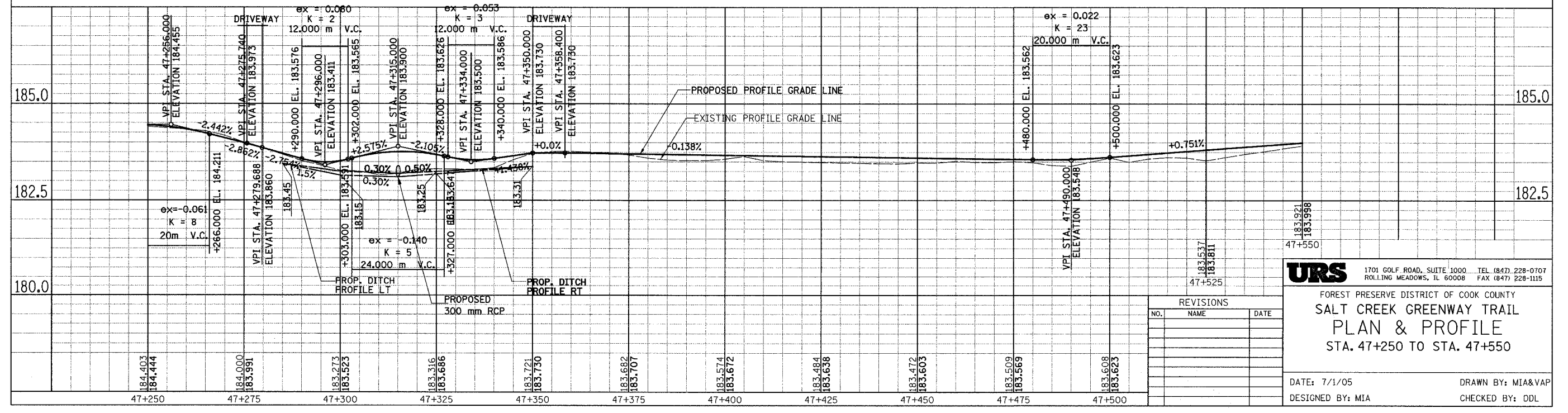
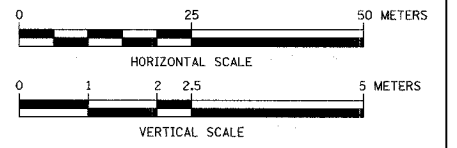
DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	38
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROP. CURVE LYONS-5	PROP. CURVE LYONS-6	PROP. CURVE LYONS-7	PROP. CURVE LYONS-8	PROP. CURVE LYONS-9
PI STA = 47+257.195	PI STA = 47+339.587	PI STA = 47+425.809	PI STA = 47+459.248	PI STA = 47+504.011
$\Delta = 61^\circ 18' 54''$ (LT)	$\Delta = 117^\circ 12' 07''$ (RT)	$\Delta = 21^\circ 38' 13''$ (LT)	$\Delta = 9^\circ 48' 38''$ (RT)	$\Delta = 32^\circ 37' 13''$ (RT)
R = 30.000 m	R = 30.000 m	R = 70.000 m	R = 50.000 m	R = 50.000 m
T = 17.783 m	T = 49.150 m	T = 13.377 m	T = 4.291 m	T = 14.631 m
L = 32.104 m	L = 61.367 m	L = 26.435 m	L = 8.561 m	L = 28.467 m
E = 4.874 m	E = 27.582 m	E = 1.267 m	E = 0.184 m	E = 2.097 m
N = 3,782.395	N = 3,824.059	N = 3,700.968	N = 3,670.002	N = 3,626.484
E = 2,938.083	E = 3,013.148	E = 3,017.082	E = 3,030.525	E = 3,041.098

FOR LEGEND SEE SHEET NO. 37



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 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
 PLAN & PROFILE
 STA. 47+250 TO STA. 47+550**

DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

REVISIONS		
NO.	NAME	DATE

PROP. CURVE LYONS-10
 PI STA = 47+547.558
 $\Delta = 18^\circ 03' 39''$ (LT)
 R = 60.000 m
 T = 9.536 m
 L = 18.913 m
 E = 0.753 m
 N = 3,584.550
 E = 3,026.689

PROP. CURVE LYONS-11
 PI STA = 47+630.874
 $\Delta = 5^\circ 34' 42''$ (LT)
 R = 100.000 m
 T = 4.872 m
 L = 9.736 m
 E = 0.119 m
 N = 3,501.085
 E = 3,025.374

PROP. CURVE LYONS-12
 PI STA = 47+655.878
 $\Delta = 22^\circ 34' 49''$ (RT)
 R = 50.000 m
 T = 9.982 m
 L = 19.705 m
 E = 0.987 m
 N = 3,476.157
 E = 3,027.412

PROP. CURVE LYONS-13
 PI STA = 47+690.104
 $\Delta = 33^\circ 19' 49''$ (LT)
 R = 30.000 m
 T = 8.981 m
 L = 17.452 m
 E = 1.315 m
 N = 3,443.342
 E = 3,016.810

PROP. CURVE LYONS-14
 PI STA = 47+713.471
 $\Delta = 21^\circ 11' 07''$ (RT)
 R = 60.000 m
 T = 11.221 m
 L = 22.185 m
 E = 1.040 m
 N = 3,420.326
 E = 3,023.161

PROP. CURVE LYONS-15
 PI STA = 47+741.591
 $\Delta = 20^\circ 44' 31''$ (LT)
 R = 50.000 m
 T = 9.151 m
 L = 18.101 m
 E = 0.830 m
 N = 3,392.093
 E = 3,020.313

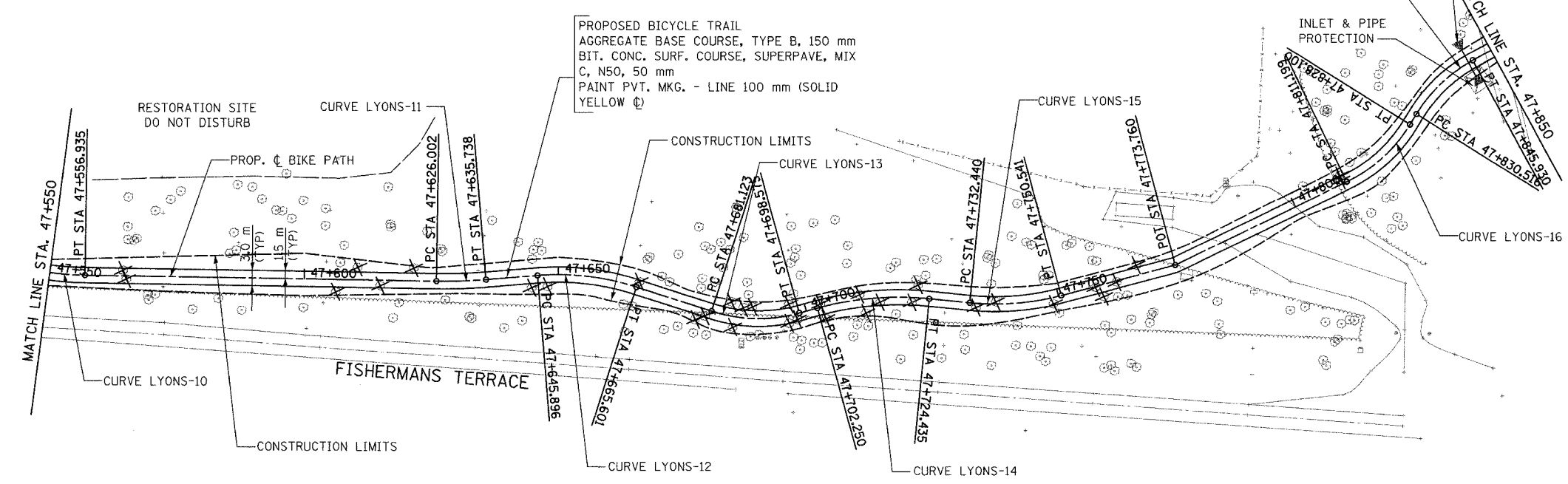
PROP. CURVE LYONS-16
 PI STA = 47+819.880
 $\Delta = 32^\circ 16' 42''$ (LT)
 R = 30.000 m
 T = 8.681 m
 L = 16.901 m
 E = 1.231 m
 N = 3,319.333
 E = 3,048.819

PROP. CURVE LYONS-17
 PI STA = 47+838.397
 $\Delta = 29^\circ 26' 21''$ (RT)
 R = 30.000 m
 T = 7.881 m
 L = 15.414 m
 E = 1.018 m
 N = 3,309.322
 E = 3,064.944

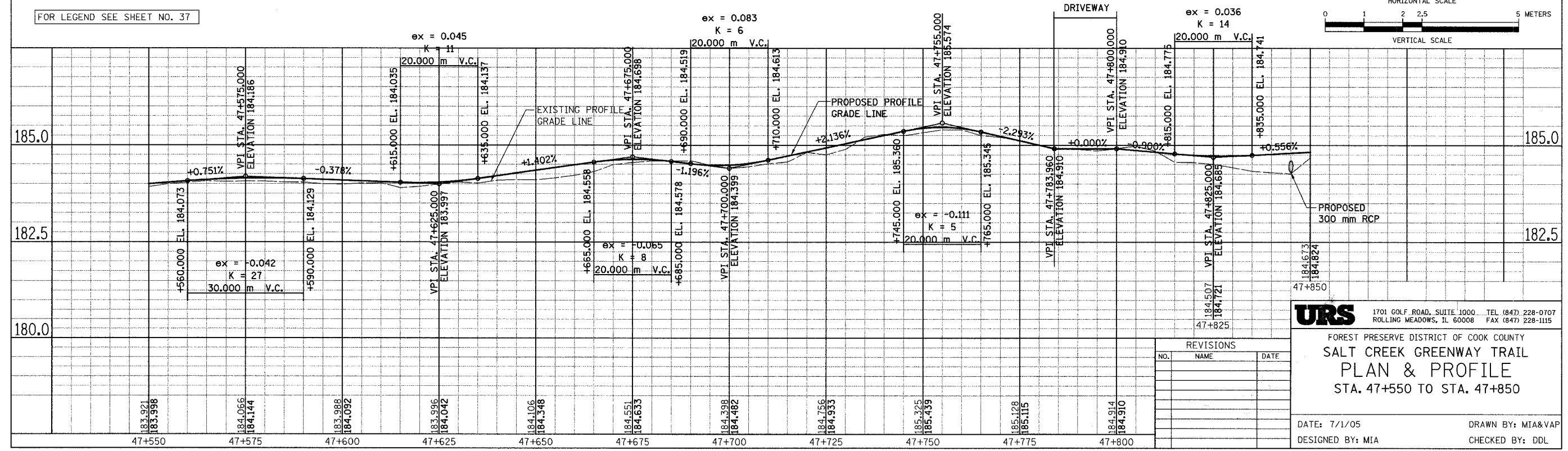
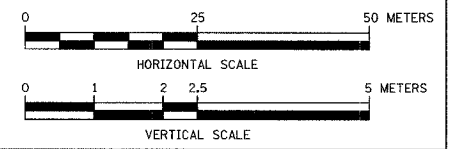
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-B1	COOK	92	39
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			

CONTRACT NO. 83667

STA. 47+845
 PIPE CULVERT, TYPE 1, RCCP, 300 mm, 5 m
 REINFORCED CONCRETE FES, 300 mm, 2 EA.
 INV. = 184.25 (N)
 INV. = 184.35 (S)



FOR LEGEND SEE SHEET NO. 37



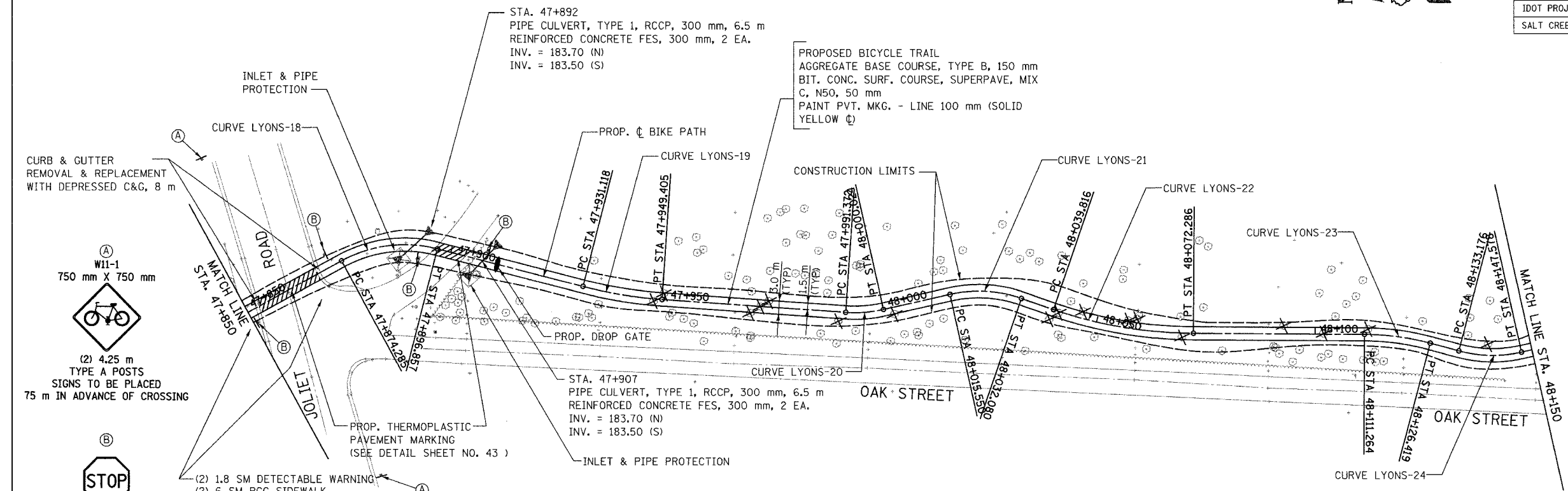
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
 PLAN & PROFILE**
 STA. 47+550 TO STA. 47+850

REVISIONS		
NO.	NAME	DATE

DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	40
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



CURB & GUTTER REMOVAL & REPLACEMENT WITH DEPRESSED C&G, 8 m

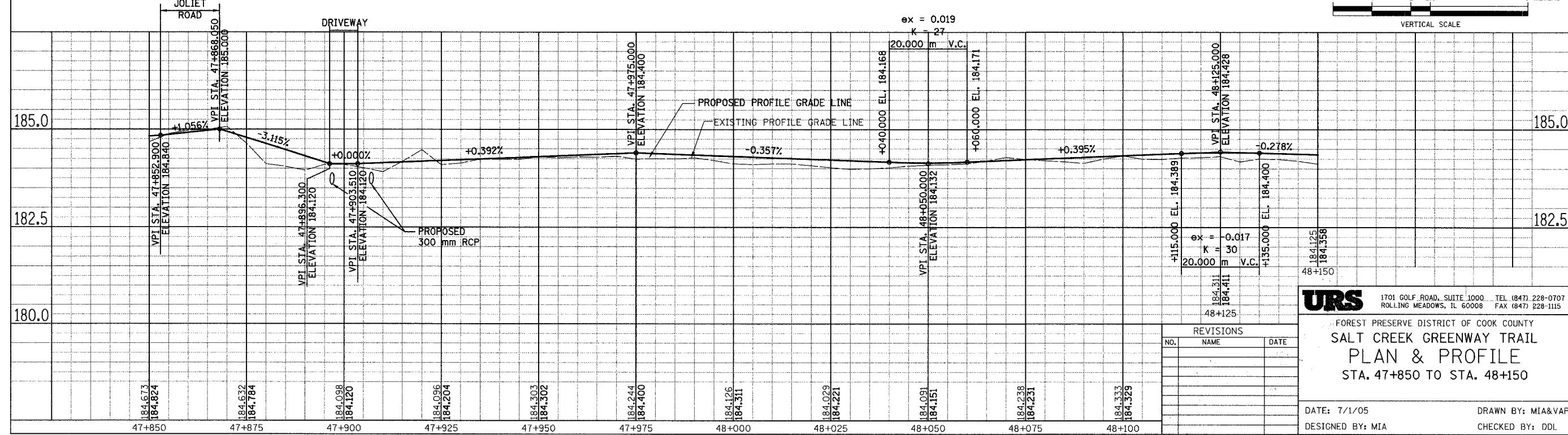
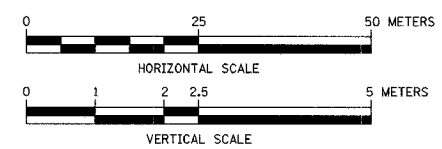
W11-1
750 mm X 750 mm

(2) 4.25 m TYPE A POSTS SIGNS TO BE PLACED 75 m IN ADVANCE OF CROSSING

R1-1
450mmX450mm
3.05 m TY A POST

FOR LEGEND SEE SHEET NO. 37

Curve	PI STA	Δ	R	T	L	E	N	E
PROP. CURVE LYONS-18	47+886.135	43° 06' 32" (RT)	30.000 m	11.850 m	22.572 m	2.256 m	3,267.155	3,088.057
PROP. CURVE LYONS-19	47+940.287	10° 28' 39" (LT)	100.000 m	9.169 m	18.286 m	0.419 m	213.607	3,074.328
PROP. CURVE LYONS-20	47+995.728	16° 31' 24" (LT)	30.000 m	4.356 m	8.652 m	0.315 m	3,158.243	3,070.551
PROP. CURVE LYONS-21	48+024.030	31° 34' 11" (RT)	30.000 m	8.481 m	16.530 m	1.176 m	3,130.566	3,076.748
PROP. CURVE LYONS-22	48+056.195	18° 36' 14" (LT)	100.000 m	16.379 m	32.470 m	1.332 m	3,099.736	3,066.163
PROP. CURVE LYONS-23	48+118.882	14° 28' 18" (RT)	60.000 m	7.618 m	15.155 m	0.482 m	3,036.763	3,065.783
PROP. CURVE LYONS-24	48+140.518	27° 30' 19" (LT)	30.000 m	7.342 m	14.402 m	0.885 m	3,015.767	3,060.230



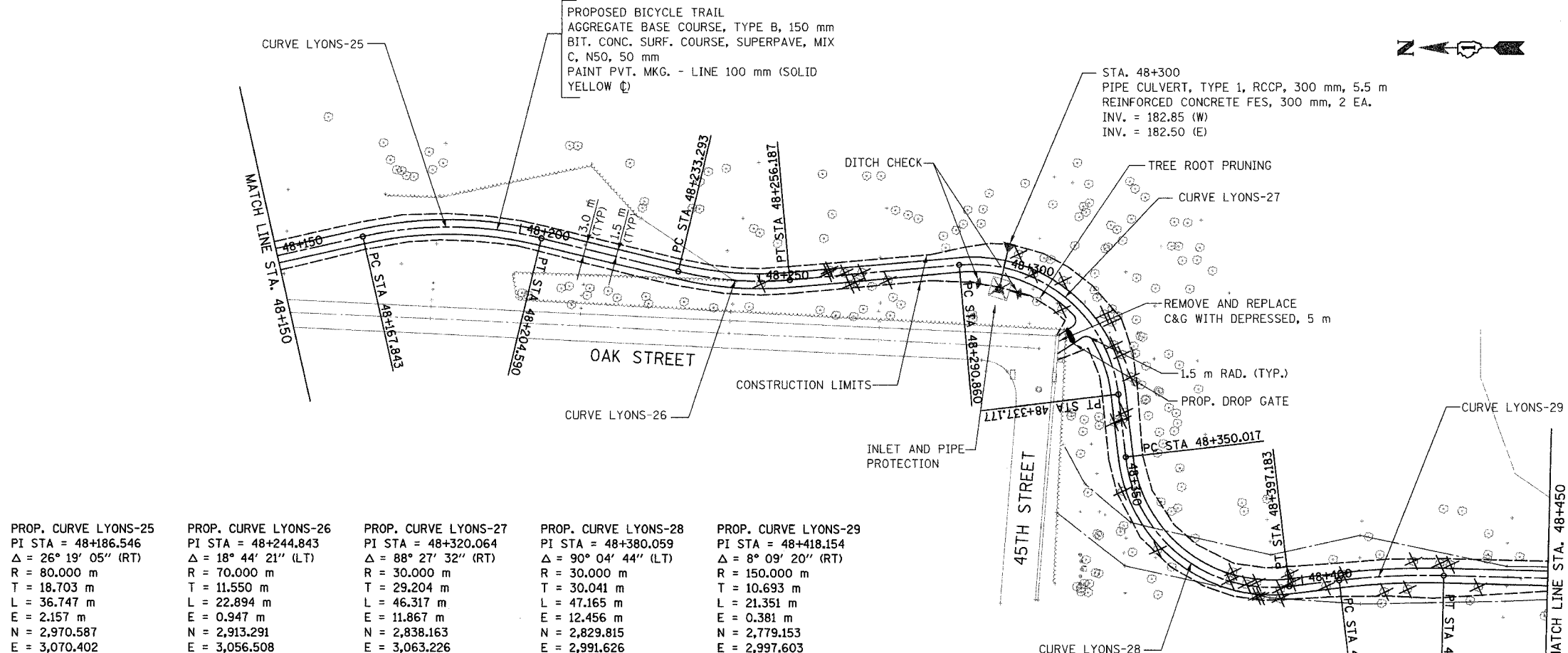
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
**SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
STA. 47+850 TO STA. 48+150**

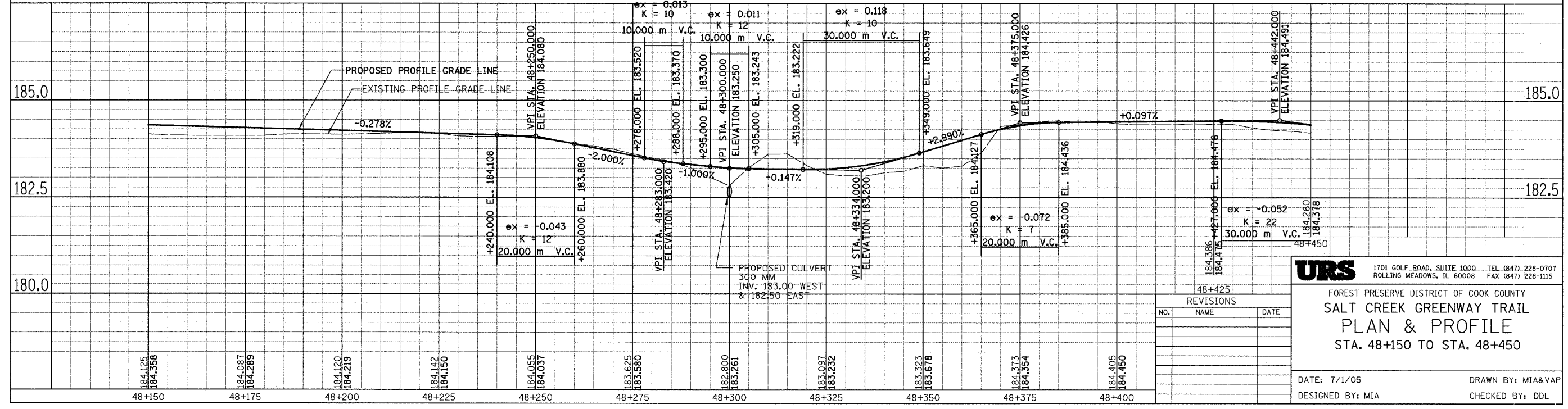
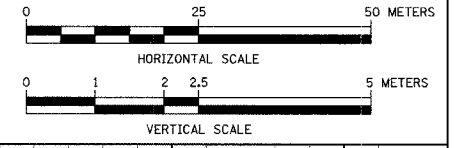
DATE: 7/1/05 DRAWN BY: MIA&VAP
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	41
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



PROP. CURVE LYONS-25 PI STA = 48+186.546 $\Delta = 26^\circ 19' 05''$ (RT) R = 80.000 m T = 18.703 m L = 36.747 m E = 2.157 m N = 2,970.587 E = 3,070.402	PROP. CURVE LYONS-26 PI STA = 48+244.843 $\Delta = 18^\circ 44' 21''$ (LT) R = 70.000 m T = 11.550 m L = 22.894 m E = 0.947 m N = 2,913.291 E = 3,056.508	PROP. CURVE LYONS-27 PI STA = 48+320.064 $\Delta = 88^\circ 27' 32''$ (RT) R = 30.000 m T = 29.204 m L = 46.317 m E = 11.867 m N = 2,838.163 E = 3,063.226	PROP. CURVE LYONS-28 PI STA = 48+380.059 $\Delta = 90^\circ 04' 44''$ (LT) R = 30.000 m T = 30.041 m L = 47.165 m E = 12.456 m N = 2,829.815 E = 2,991.626	PROP. CURVE LYONS-29 PI STA = 48+418.154 $\Delta = 8^\circ 09' 20''$ (RT) R = 150.000 m T = 10.693 m L = 21.351 m E = 0.381 m N = 2,779.153 E = 2,997.603
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FOR LEGEND SEE SHEET NO. 37



REVISIONS		
NO.	NAME	DATE


URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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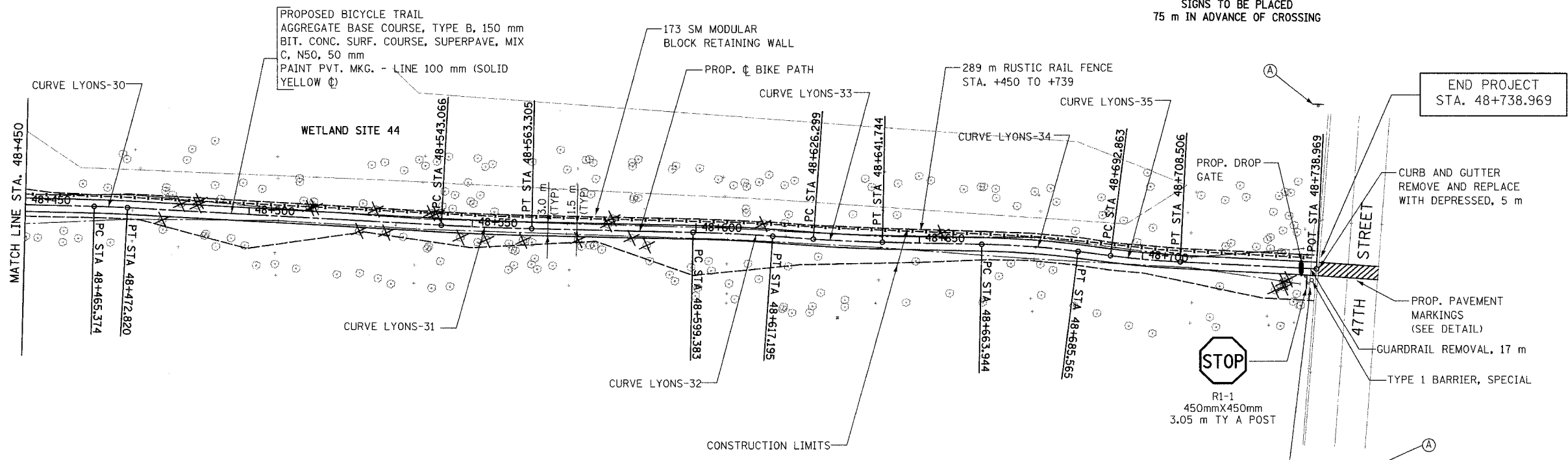
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 48+150 TO STA. 48+450

DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

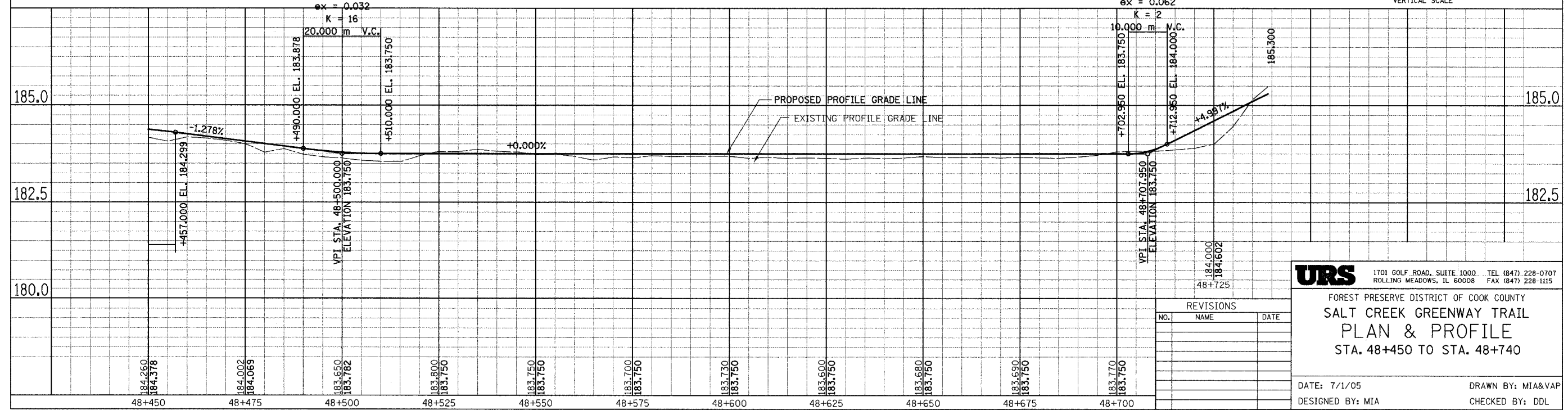
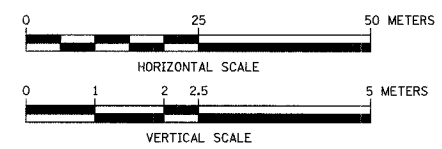
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	42
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

PROP. CURVE LYONS-30 PI STA = 48+469.097 $\Delta = 1^{\circ} 42' 23''$ (RT) R = 250.000 m T = 3.723 m L = 7.446 m E = 0.028 m N = 2,728.190 E = 2,996.334	PROP. CURVE LYONS-31 PI STA = 48+553.186 $\Delta = 1^{\circ} 55' 58''$ (LT) R = 600.000 m T = 10.121 m L = 20.240 m E = 0.085 m N = 2,644.226 E = 2,991.738	PROP. CURVE LYONS-32 PI STA = 48+608.291 $\Delta = 2^{\circ} 54' 57''$ (RT) R = 350.000 m T = 8.908 m L = 17.812 m E = 0.113 m N = 2,589.132 E = 2,990.584	PROP. CURVE LYONS-33 PI STA = 48+634.023 $\Delta = 2^{\circ} 56' 59''$ (LT) R = 300.000 m T = 7.724 m L = 15.444 m E = 0.099 m N = 2,563.462 E = 2,988.737	PROP. CURVE LYONS-34 PI STA = 48+674.765 $\Delta = 6^{\circ} 11' 38''$ (RT) R = 200.000 m T = 10.821 m L = 21.620 m E = 0.293 m N = 2,522.725 E = 2,987.908	PROP. CURVE LYONS-35 PI STA = 48+700.688 $\Delta = 4^{\circ} 28' 53''$ (LT) R = 200.000 m T = 7.826 m L = 15.643 m E = 0.153 m N = 2,496.994 E = 2,984.584
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(A)
 W11-1
 750 mm X 750 mm

 (2) 4.25 m
 TYPE A POSTS
 SIGNS TO BE PLACED
 75 m IN ADVANCE OF CROSSING



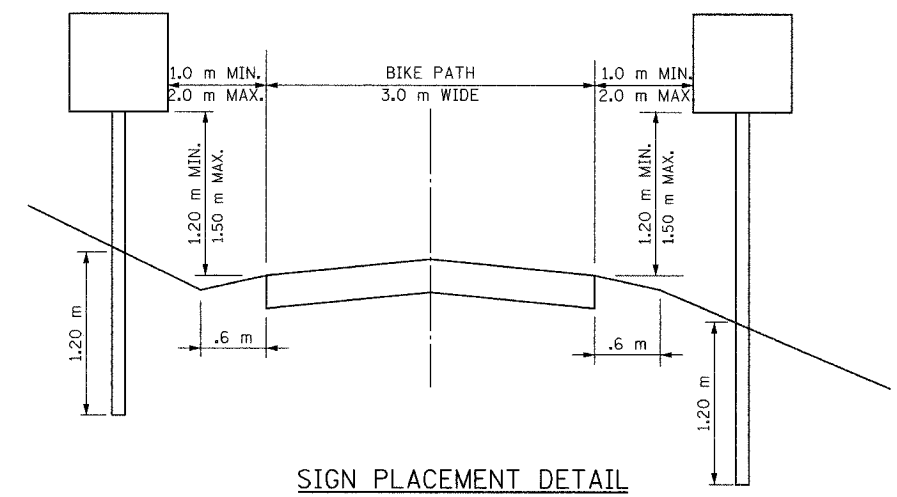
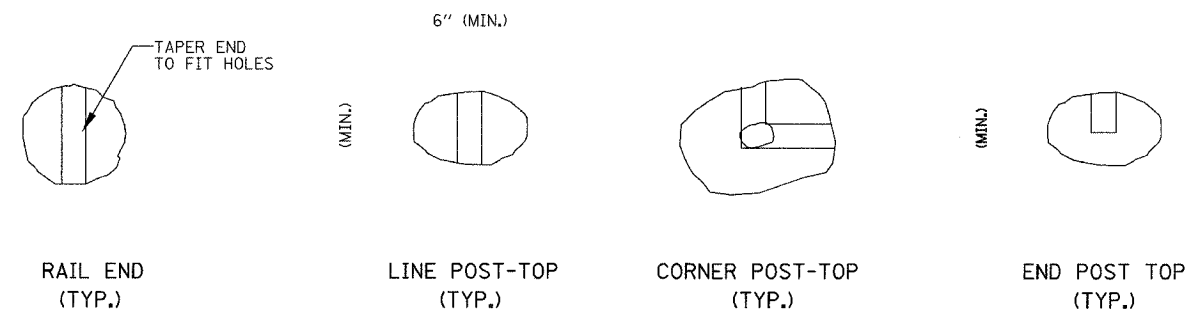
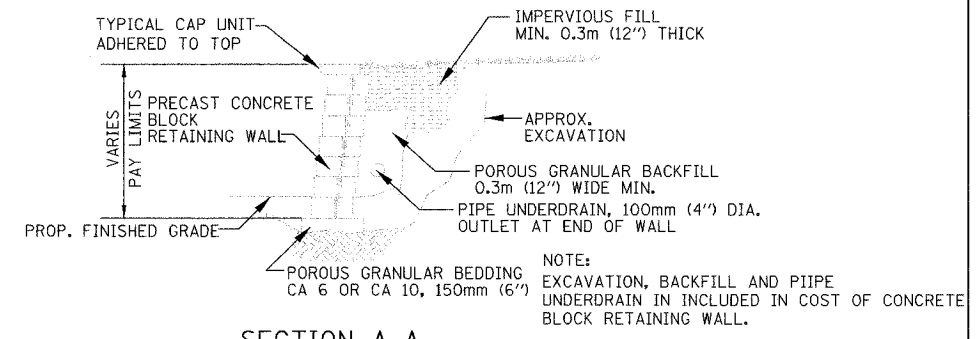
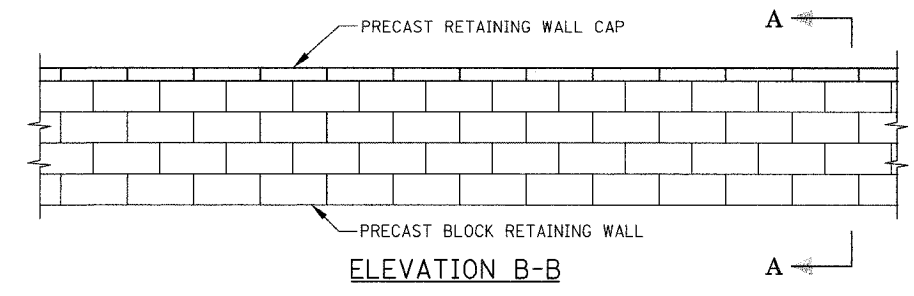
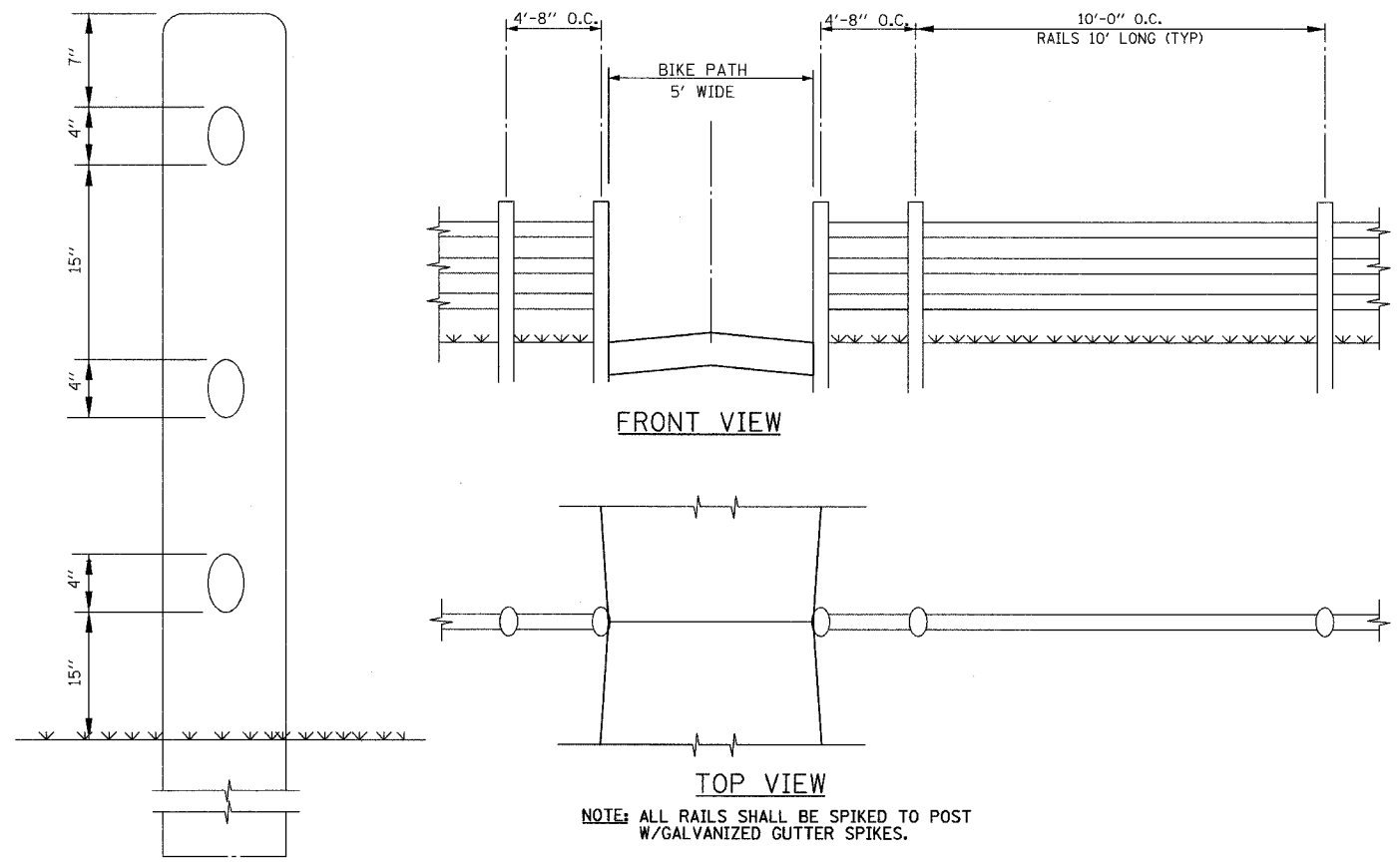
FOR LEGEND SEE SHEET NO. 37



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115
 FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
PLAN & PROFILE
 STA. 48+450 TO STA. 48+740
 DATE: 7/1/05 DRAWN BY: MIA&VAP
 DESIGNED BY: MIA CHECKED BY: DDL

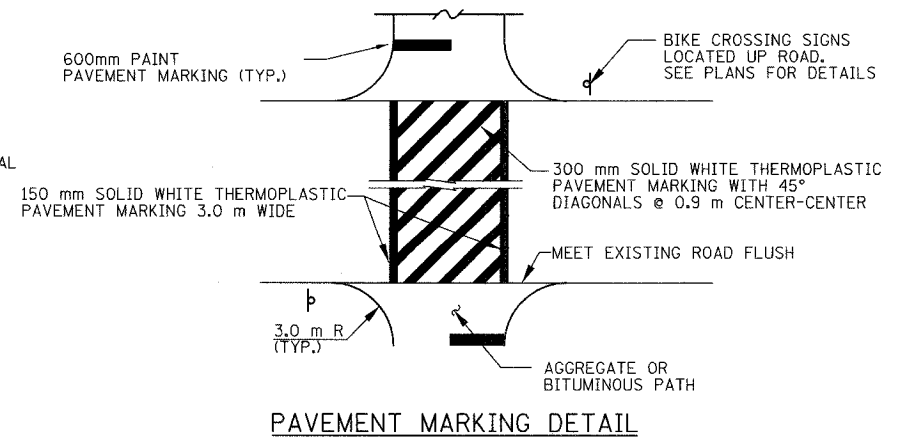
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	43
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



RUSTIC RAIL FENCE DETAIL
STA. 66+59.00

NOTES

1. THE CONTRACTOR SHALL SUBMIT DESIGN, CONSTRUCTION PLANS WITH MATERIAL INFORMATION & SHOP DRAWINGS FOR CONNECTION DETAILS SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS TO THE ENGINEER FOR APPROVAL BEFORE ORDERING MATERIALS.
2. RETAINING WALL EQUIVALENT FLUID PRESSURE = 50(PCF)
3. REINFORCING BARS SHALL BE GRADE 60
4. GROUT MORTAR, f'm = 2500 psi (MIN.)
5. THE DESIGN OF THE RETAINING WALL SHALL BE IN COMPLIANCE WITH THE GUIDELINES FOR THE DESIGN OF MECHANICALLY STABILIZED EARTH WALLS AS DEVELOPED BY AASHTO-AGC-ARTA JOINT COMMITTEE TASK FORCE 27 GROUND MODIFICATION SYSTEMS.



REVISIONS		
NO.	NAME	DATE

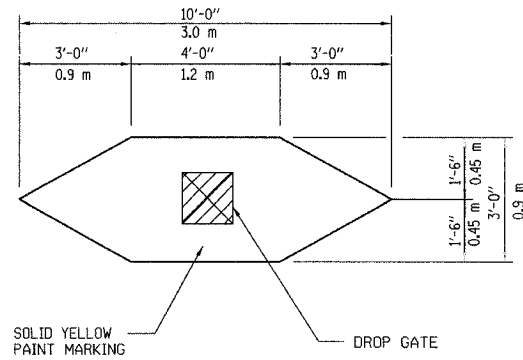
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

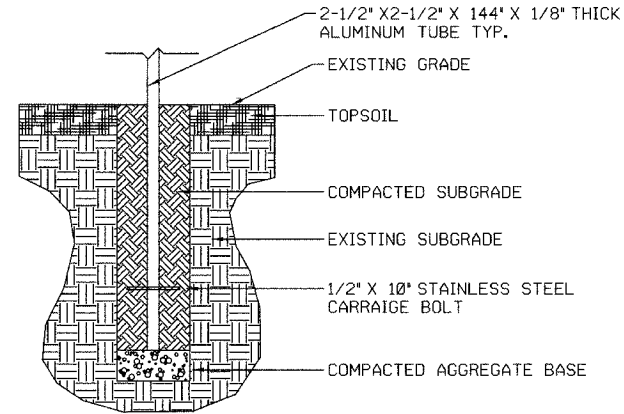
MISCELLANEOUS DETAILS

DATE: 7/01/05 DRAWN BY: XXX
DESIGNED BY: MIA CHECKED BY: DDL

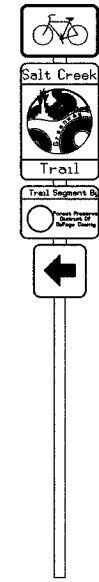
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	44
STA.	TO STA.		
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



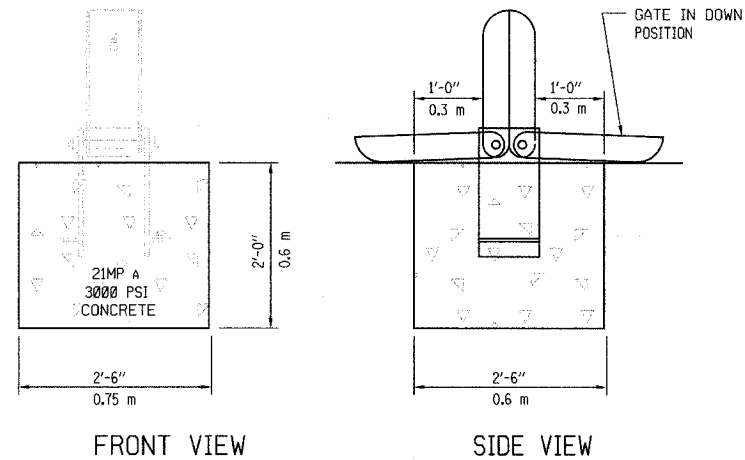
TIP DOWN GATE MARKING DETAIL
N.T.S.



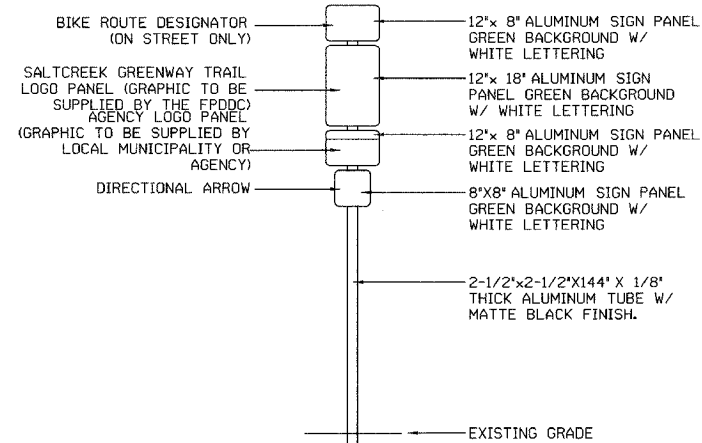
D4 SIGN BASE DETAIL
SECTION - N.T.S.



D6 TRAIL MARKER
DESIGN - N.T.S.



FRONT VIEW SIDE VIEW
DROP GATE INSTALLATION DETAIL
N.T.S.



A6 TRAIL MARKER
ELEVATION - N.T.S.

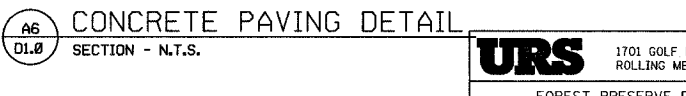
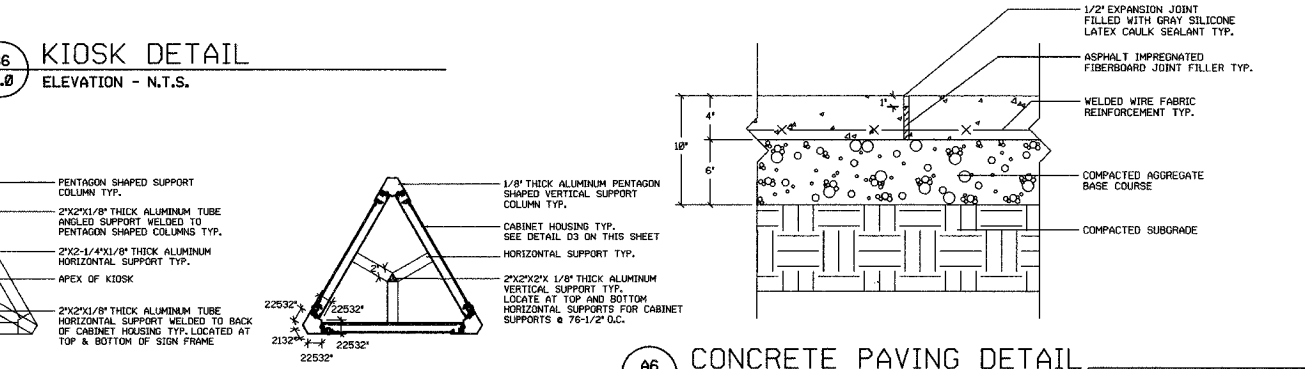
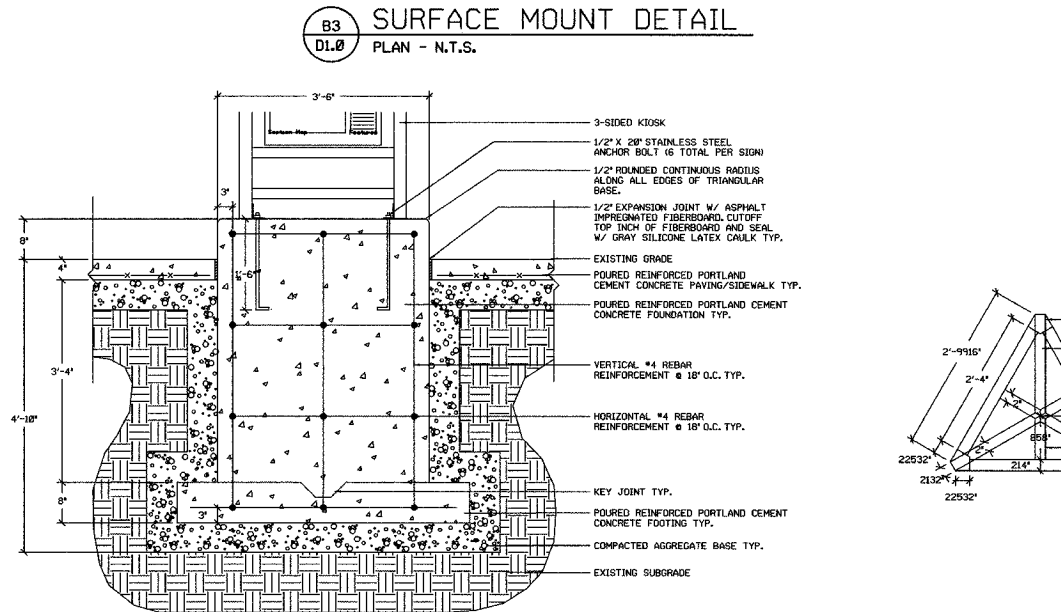
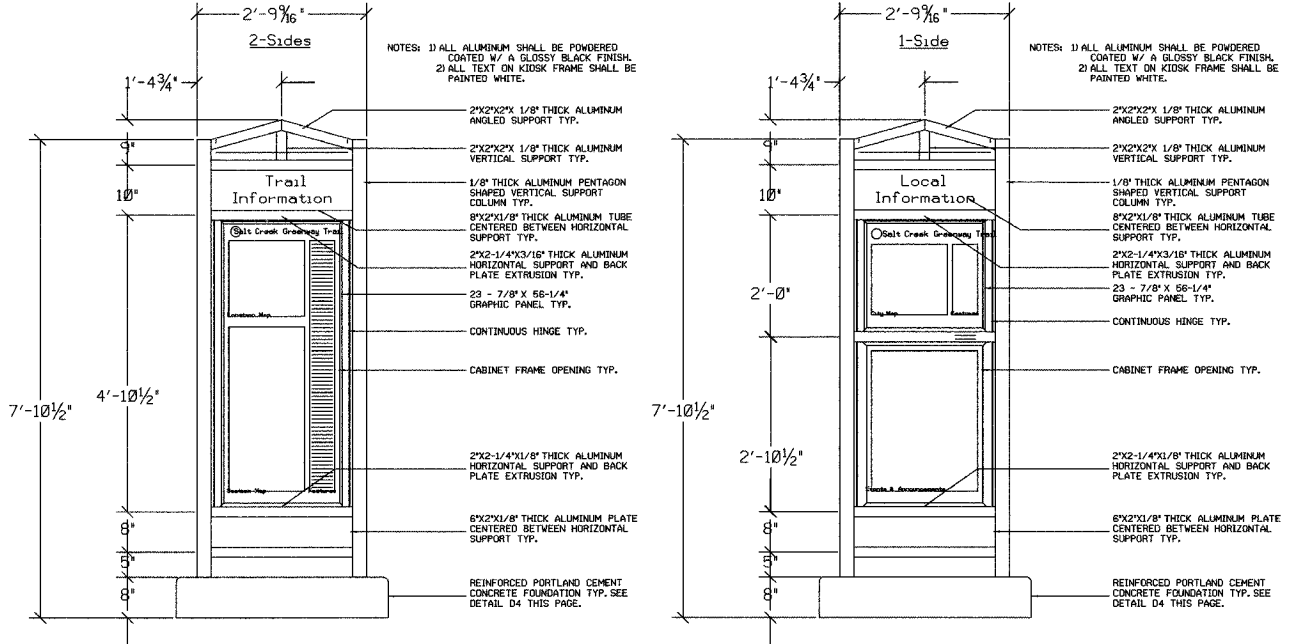
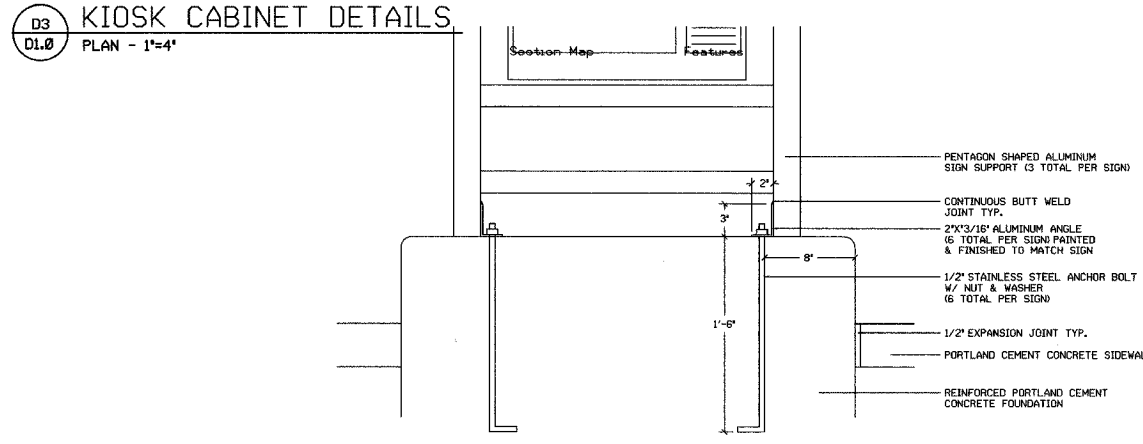
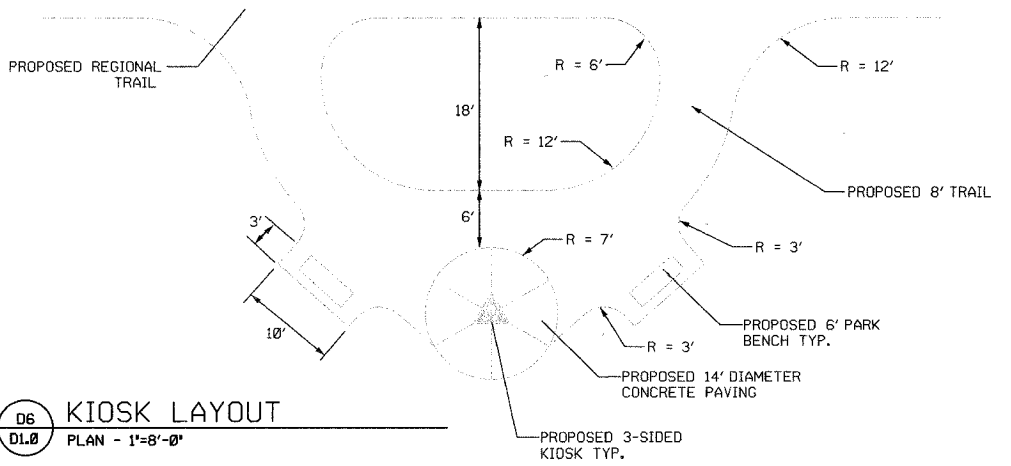
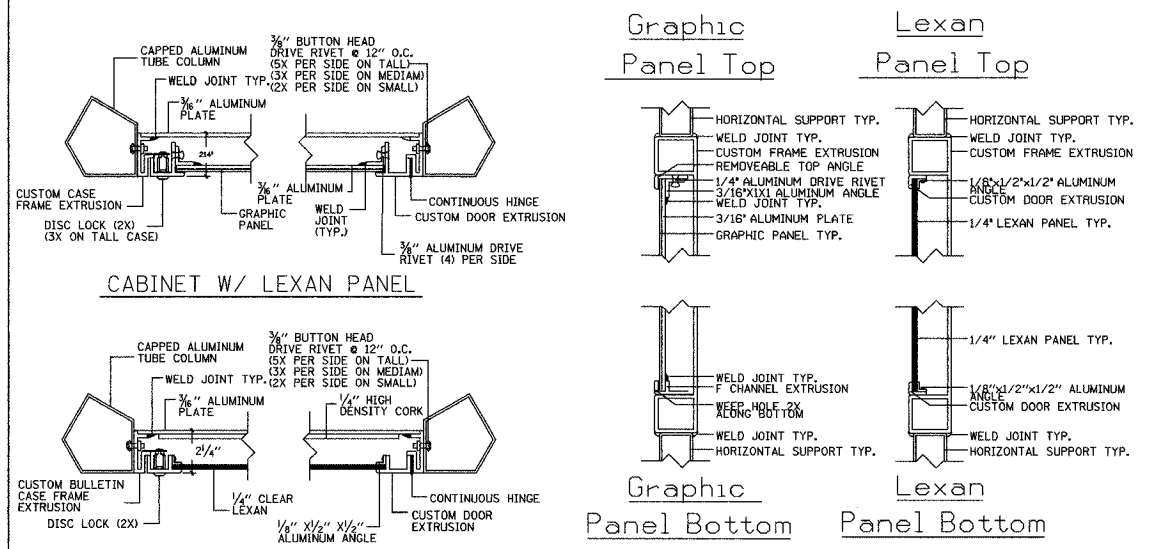
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
SIGN DETAILS

DATE: 7/1/05 DRAWN BY: MIA&VP
DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	45
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



A3 FOUNDATION DETAIL
 PLAN - N.T.S.

A5 KIOSK TOP DETAIL
 PLAN - 1/2'-1'-0"

A6 CONCRETE PAVING DETAIL
 SECTION - N.T.S.

REVISIONS		
NO.	NAME	DATE

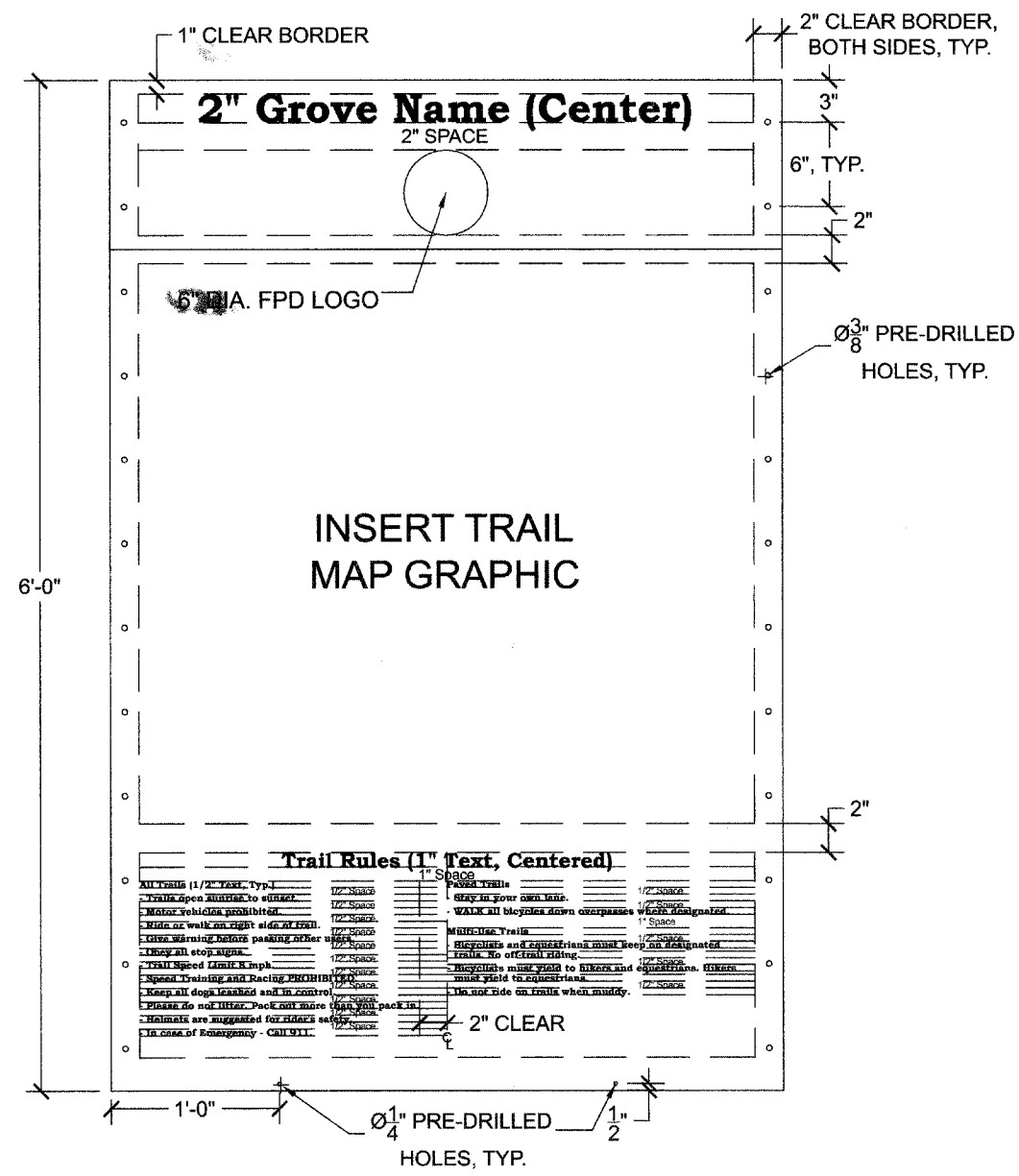
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
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FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

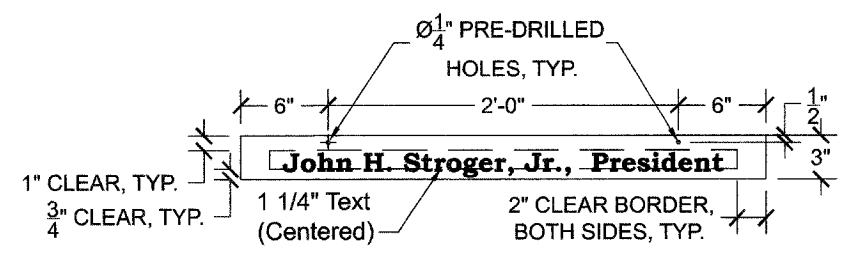
INFORMATION KIOSK
 DETAILS

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5-F3000-01-BT	COOK	92	46
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



GRAPHIC SAMPLE – TRAIL HEAD SIGN



- PRESIDENT PANEL NOTES:**
- PANEL SHALL BE .080" ALUMINUM PANEL, ENGINEER GRADE WITH DOUBLE-SIDED GRAPHIC.
 - BACKGROUND COLOR: CREAM
TEXT COLOR: MAROON
 - FONT: BOOKMAN OLD STYLE, BOLD, UPPER AND LOWER CASE LETTERS.
 - COLOR SAMPLES ON FINISHED MATERIALS TO BE PROVIDED FOR APPROVAL.
 - SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL.

- NOTES:**
- PANEL SHALL BE .125" ALUMINUM, ENGINEER GRADE, WITH DOUBLE-SIDED GRAPHIC WITH ANTI-GRAFFITI COATING, BOTH SIDES OF PANEL
 - HEADER SECTION - BACKGROUND COLOR: MAROON
TEXT AND LOGO COLOR: CREAM.
 - MAP SECTION - BACKGROUND COLOR: CREAM
 - RULES SECTION - BACKGROUND COLOR: CREAM
TEXT: MAROON.
LEFT JUSTIFY TEXT EXCEPT TITLE.
 - FONT: BOOKMAN OLD STYLE, BOLD.
 - MAP GRAPHIC, GROVE NAMES AND RULES TEXT TO BE PROVIDED BY FOREST PRESERVE DISTRICT IN DIGITAL FORMAT.
 - COLOR SAMPLES ON FINISHED MATERIALS TO BE PROVIDED FOR APPROVAL.
 - SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

1 TRAIL HEAD SIGN PANEL
NO SCALE

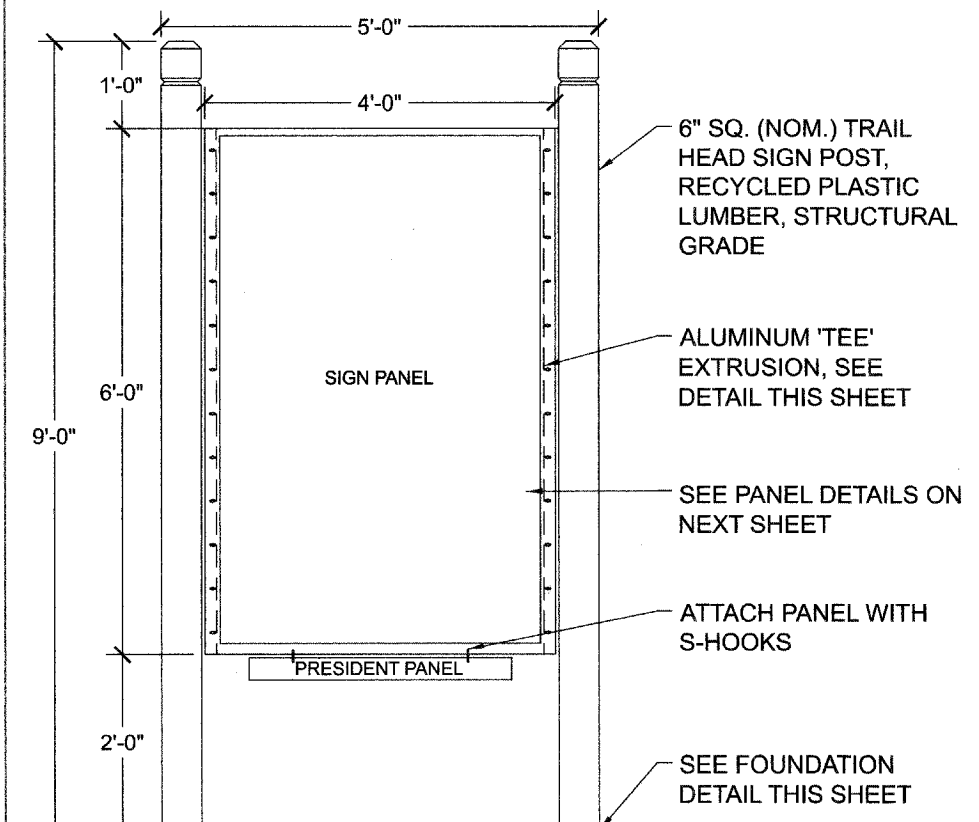
2 TRAIL HEAD PRESIDENT SIGN PANEL
NO SCALE

REVISIONS		
NO.	NAME	DATE

URS
 FOREST PRESERVE DISTRICT OF COOK COUNTY
 SALT CREEK GREENWAY TRAIL

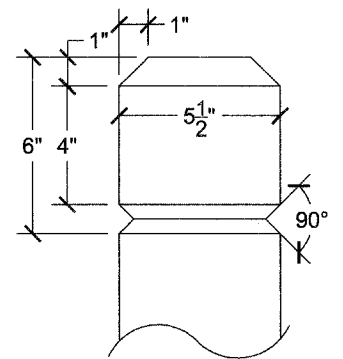
DATE: 7/01/05
 DESIGNED BY: MIA
 DRAWN BY: XXX
 CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	47
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

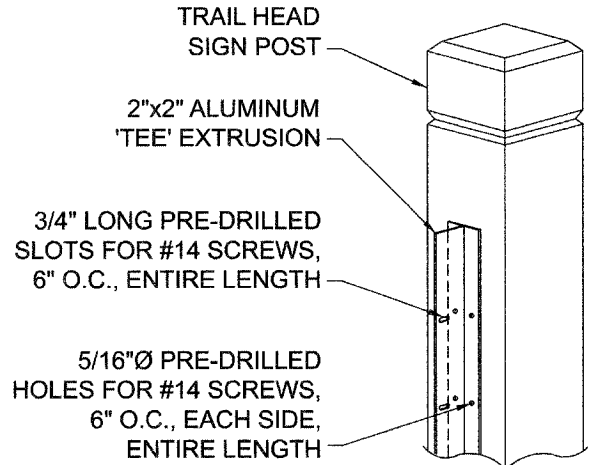


- NOTES:**
- FASTEN TEE TO POST WITH #14 x 1.5" SIX-LOBE SECURITY SCREWS, BUTTON HEAD, TYPE SMS, STAINLESS STEEL AND WASHER.
 - FASTEN SIGN PANEL TO TEE WITH #14 x 1" SIX-LOBE SECURITY SCREWS, BUTTON HEAD, TYPE M/S, STAINLESS STEEL, ONE #14 WASHER AND ONE #14 TAMPER-PROOF NUT AS MANUFACTURED BY GUARD-NUT INC., SERIES 75, PLATED STEEL.

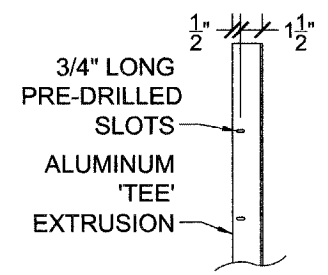
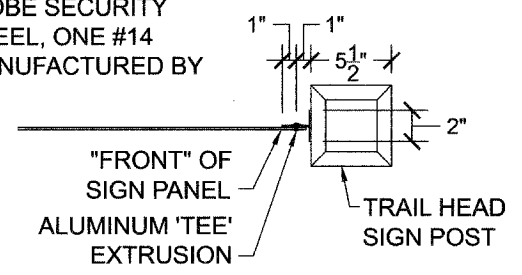
GRAPHIC SAMPLE OF TRAIL HEAD SIGN



POST TOP DETAIL

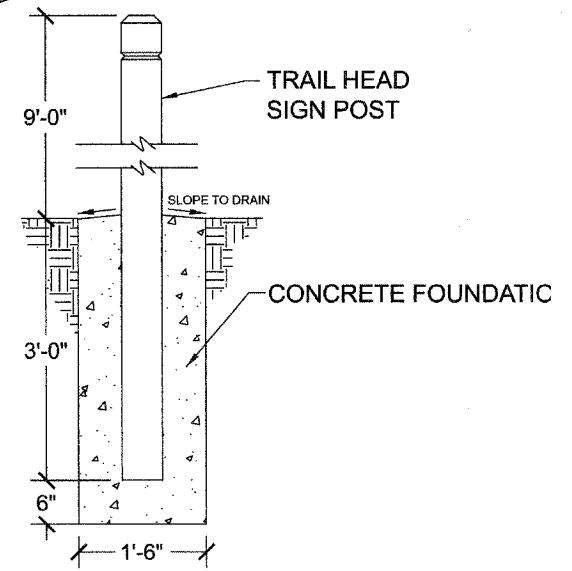


ALUMINUM EXTRUSION



- NOTES:**
- SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

1 TRAIL HEAD SIGN
NO SCALE



3 TRAIL HEAD POST FOUNDATION
NO SCALE

2 TRAIL HEAD POST DETAILS
NO SCALE

4 INTERPRETIVE SIGN PANEL
NO SCALE

REVISIONS		
NO.	NAME	DATE

URS

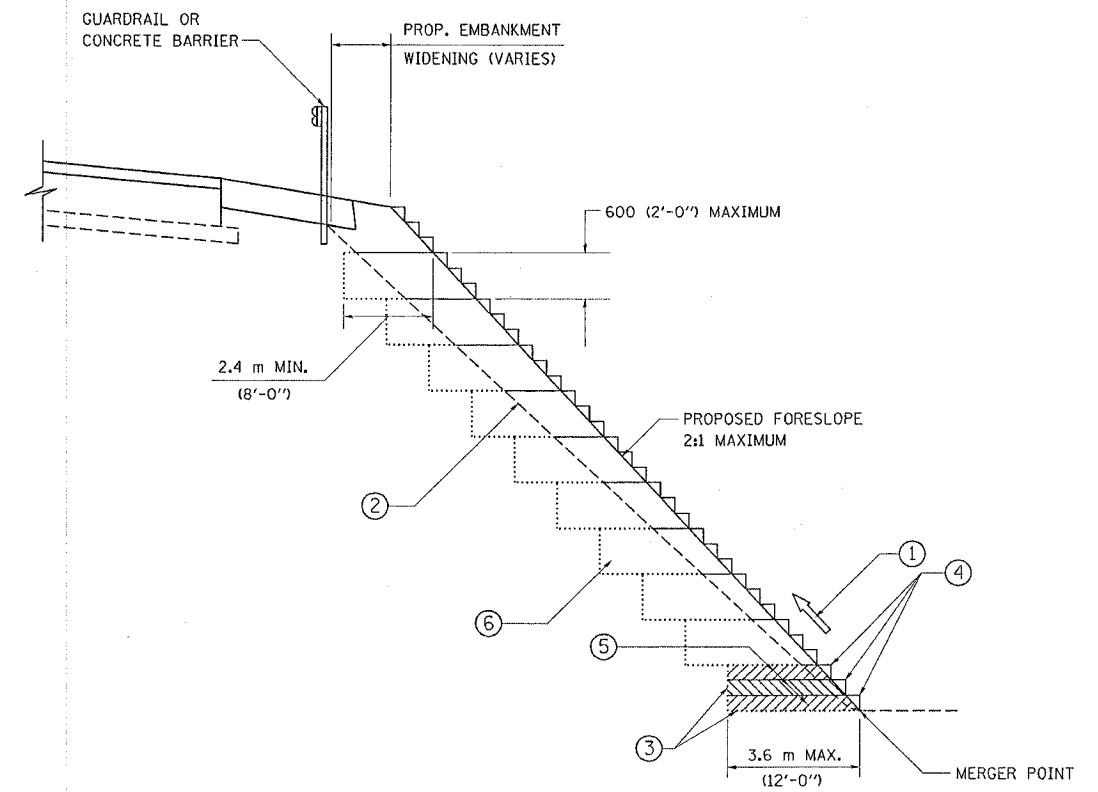
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

DATE: 7/01/05
DESIGNED BY: MIA

DRAWN BY: XXX
CHECKED BY: DDL

F.A. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	48
STA.	TO STA.			
FED. ROAD DIST. NO. 7	DISTRICTS	FED. AID PROJECT		

CONTRACT No. 83667



TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.04 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 200 (8-INCH) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.06 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION (SPECIAL)". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL FOR EMBANKMENT WIDENING

REVISIONS	
NAME	DATE

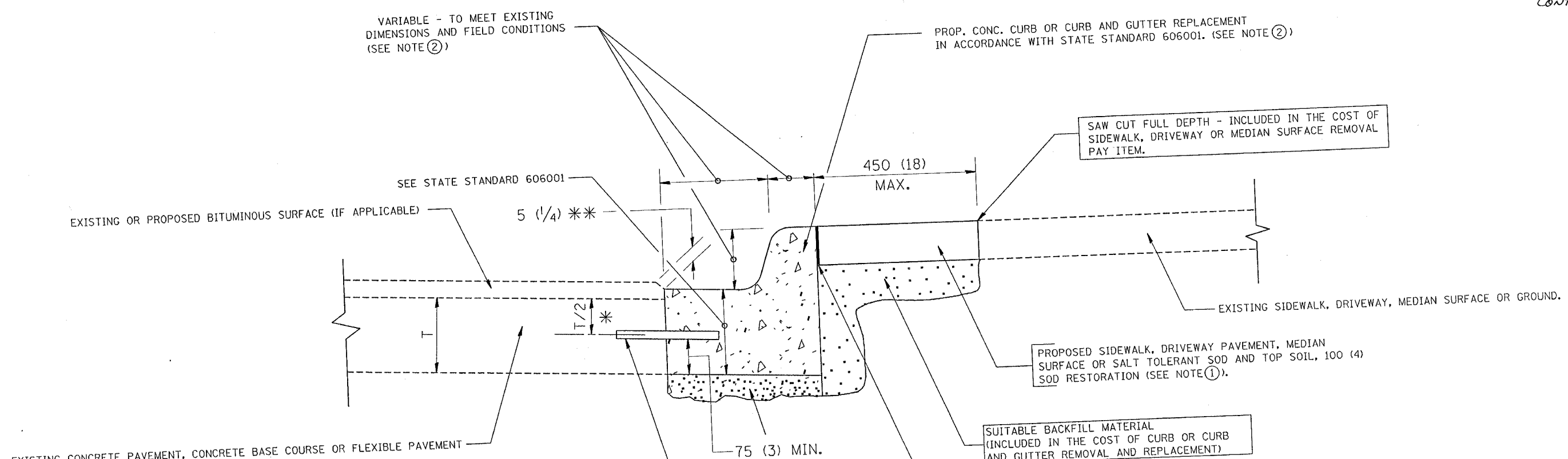
SCALE: NONE
DATE 02/28/2003

DRAWN BY: CADD
CHECKED BY: S.E.B.
BD-51

REVISION DATE:

P. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	49
STA.	TO STA.			
FED. ROAD DIST. NO.	MILEAGE	FED. AID PROJECT		

CONTRACT No. 83667



- * 75 (3) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SALT TOLERANT SOD AND TOP SOIL, 100 (4) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF BITUMINOUS SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER (FOOT) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

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

REVISIONS	
NAME	DATE
M. DE YONG	05/28/91
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01

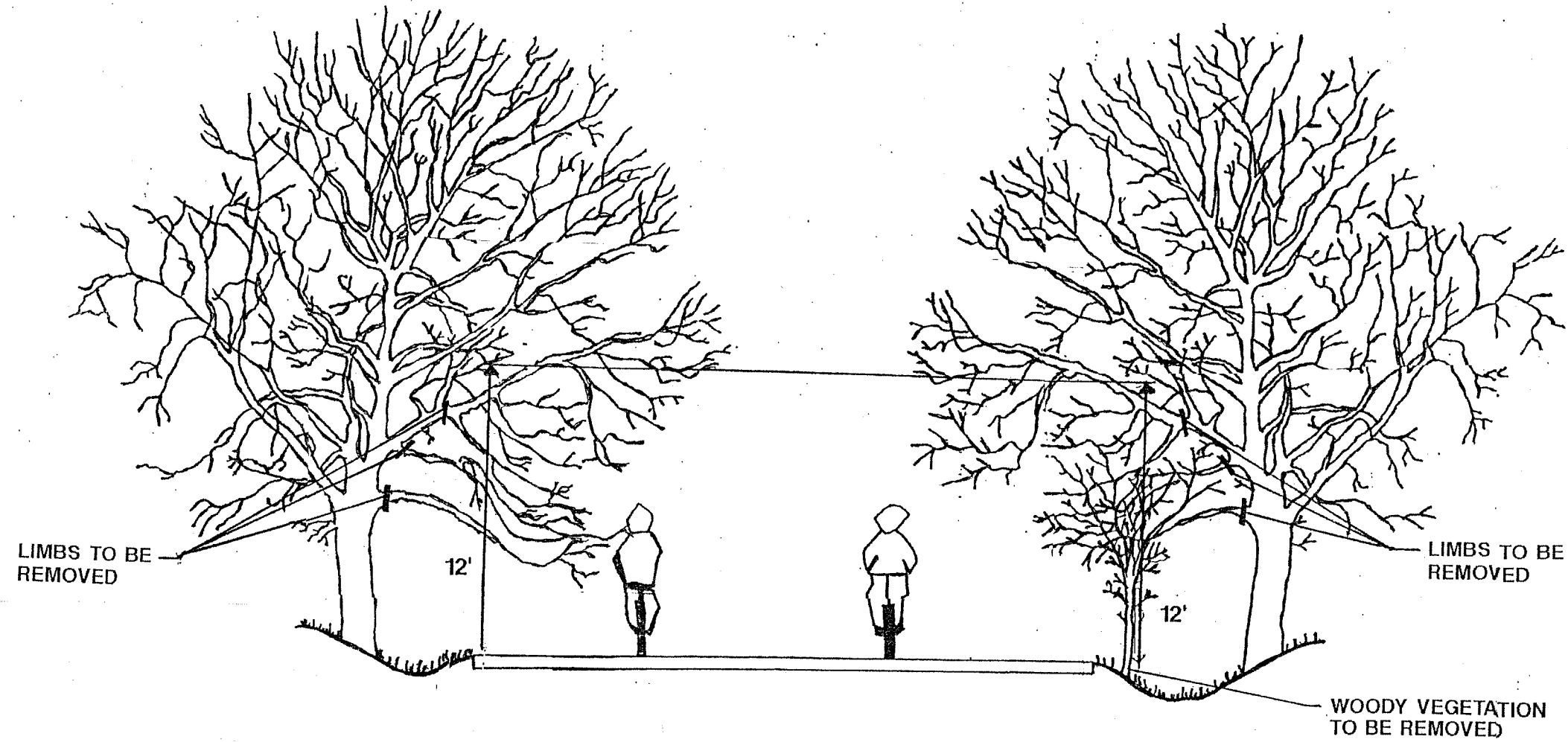
ILLINOIS DEPARTMENT OF TRANSPORTATION
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: NONE
 DATE 02/28/2003
 DRAWN BY
 CHECKED BY
 BD600-06 (80-24)
 REVISION DATE: 12/06/08

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		92	50
STA. TO STA.			
FED. ROAD DIST. NO. 7		ILLINOIS	
		FED. AID PROJECT	

CONTRACT No. B366



GENERAL NOTES

1. THE NATIONAL ARBORIST ASSOCIATION'S PRUNING STANDARDS FOR SHADE TREES CLASS II - STANDARD PRUNING SPECIFICATIONS SHALL BE FOLLOWED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

SCALE: NTS

DATE

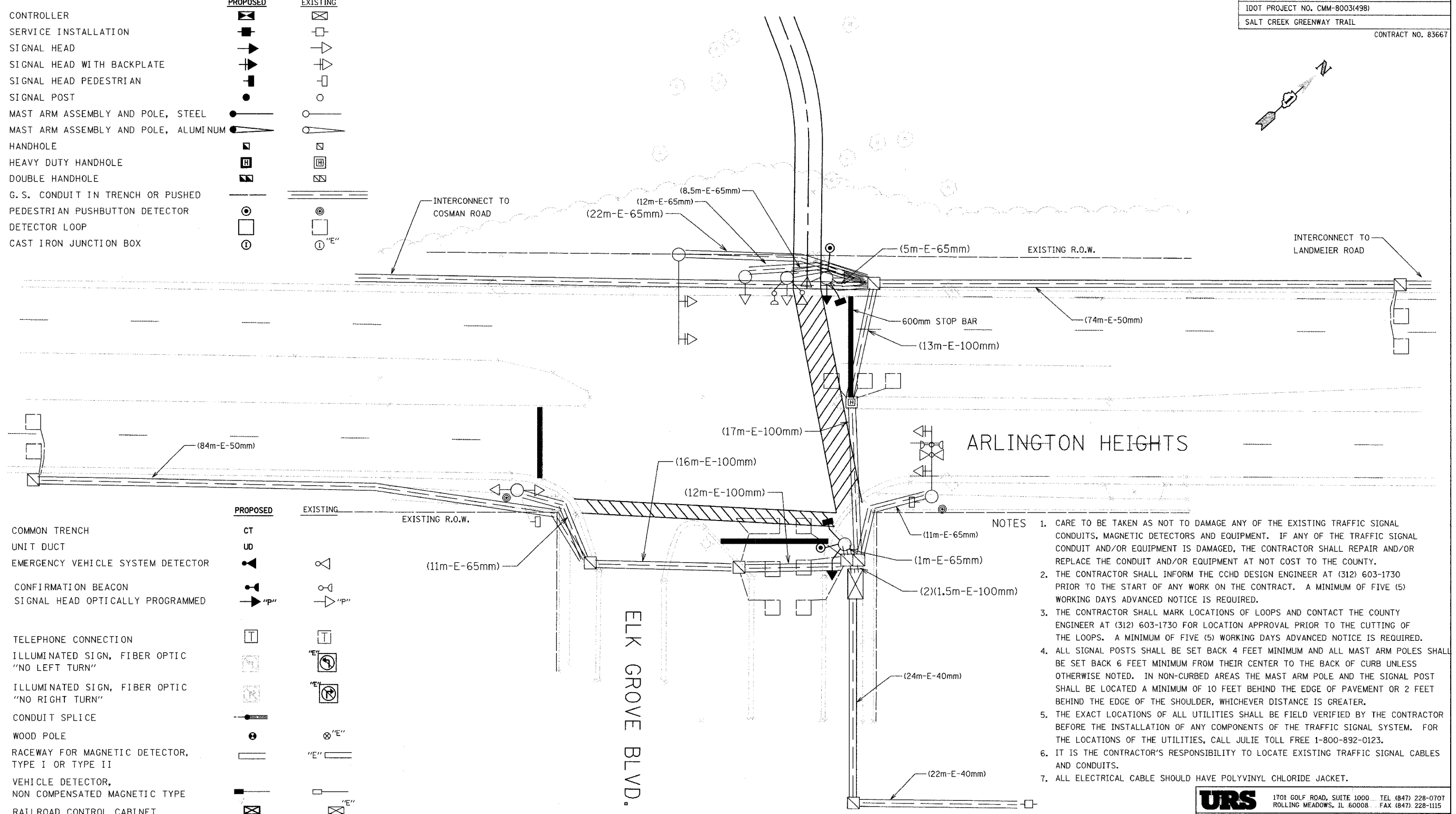
DRAWN BY
DESIGNED BY
CHECKED BY

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G. S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		

	PROPOSED	EXISTING
COMMON TRENCH	CT	
UNIT DUCT	UD	
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
TELEPHONE CONNECTION		
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	51
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



ARLINGTON HEIGHTS

ELK GROVE BLVD.

- NOTES**
- CARE TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, MAGNETIC DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NOT COST TO THE COUNTY.
 - THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 - THE CONTRACTOR SHALL MARK LOCATIONS OF LOOPS AND CONTACT THE COUNTY ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 - ALL SIGNAL POSTS SHALL BE SET BACK 4 FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK 6 FEET MINIMUM FROM THEIR CENTER TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE AND THE SIGNAL POST SHALL BE LOCATED A MINIMUM OF 10 FEET BEHIND THE EDGE OF PAVEMENT OR 2 FEET BEHIND THE EDGE OF THE SHOULDER, WHICHEVER DISTANCE IS GREATER.
 - THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE 1-800-892-0123.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
 - ALL ELECTRICAL CABLE SHOULD HAVE POLYVINYL CHLORIDE JACKET.

REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

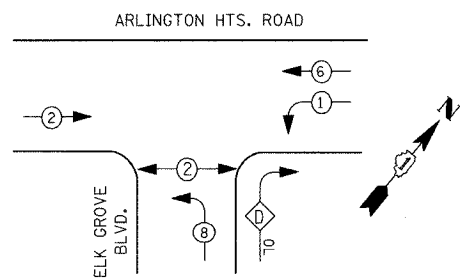
FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
TRAFFIC SIGNAL MODIFICATION PLAN
ARLINGTON HTS. RD. & ELK GROVE BLVD.

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

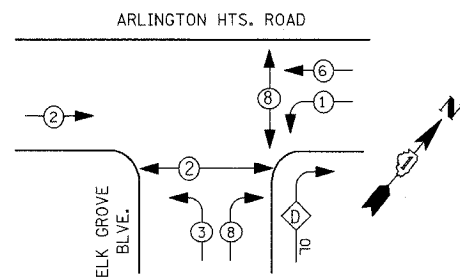
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	METER	59
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	METER	64
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	METER	64
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN PUSH BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	METER	64
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REOPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, RETROFIT	EACH	2

EXISTING CONTROLLER SEQUENCE



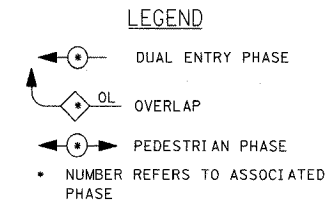
PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.00
(YELLOW)	12	135	25	0.25	75.00
(GREEN)	12	135	15	0.25	45.00
ARROW	8	135	12	0.10	9.60
PED. SIGNAL	4	90	25	1.00	100.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	0	84		0.05	

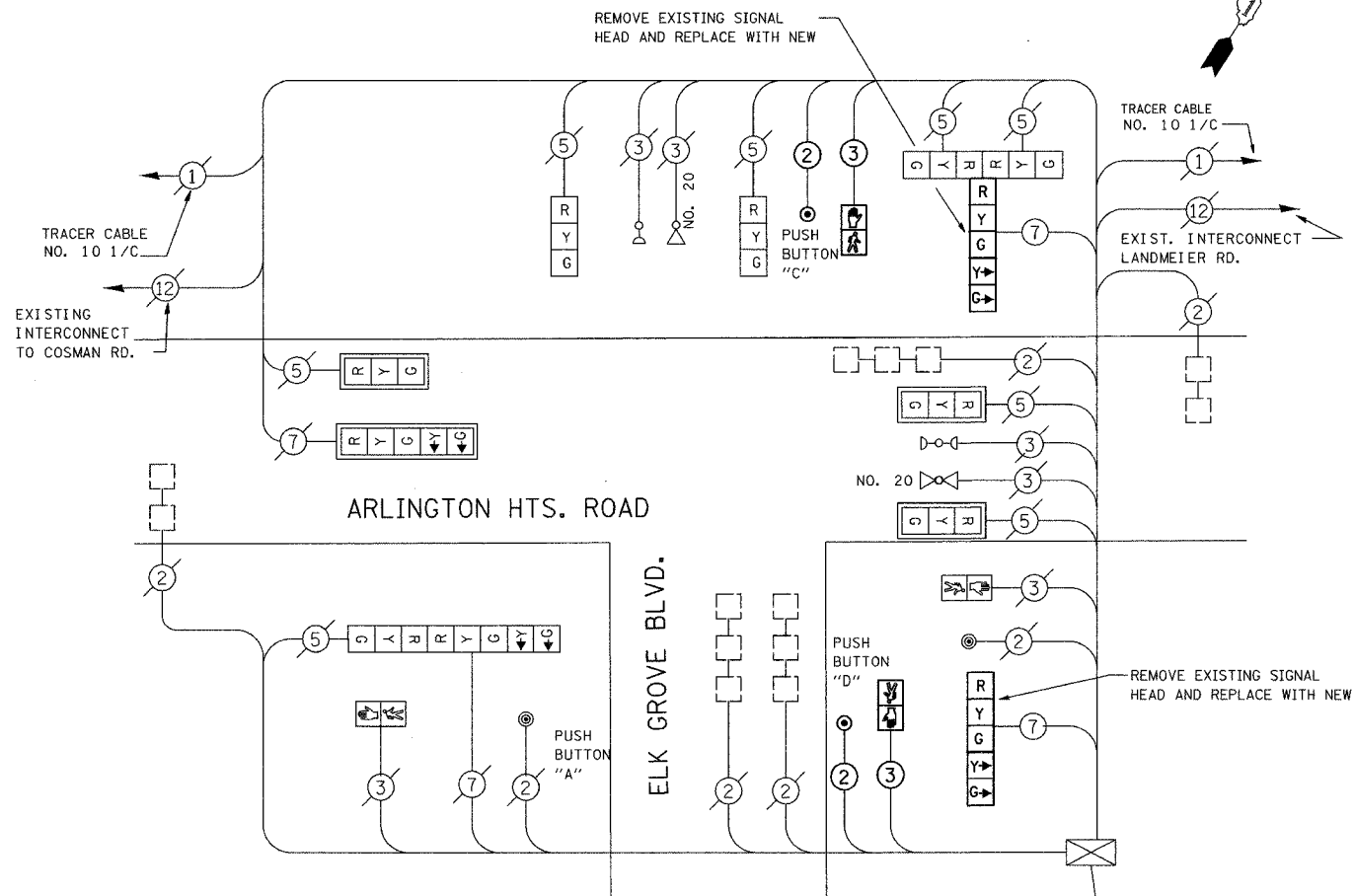
ENERGY COSTS TO: TOTAL = 431.6
 ENERGY SUPPLY: ILLINOIS DEPARTMENT OF TRANSPORTATION, 201 WEST CENTER COURT, SCHAMLUNBURG, ILLINOIS 60196-1096, CONTACT: JERI BLACK, PHONE: (847) 816-5239, COMPANY: COM. EDISON



OVERLAP LETTER	PERMISSIVE PHASE	PROTECTIVE PHASE
D	= 8	+ 1

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

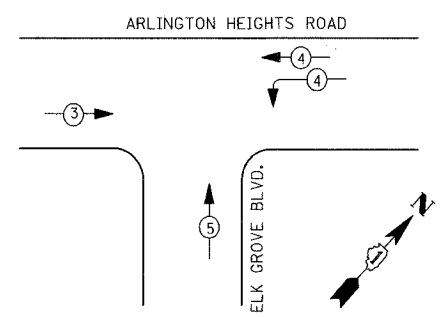
FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-L-2"=
E - M. ARM POLE	10 (3.0)	SIGNAL POST	2 (1.0)	(6m+L-0.6m)=	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		FIBER OPTIC	13 (4.0)	SERVICE TO GROUND	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	POST MOUNTED	6 (1.8)
		GROUND CABLE	1 (0.5)		



CABLE PLAN

PUSH BUTTON "D" SHALL PLACE A CALL IN PHASE 6+8

PREEMPTION SEQUENCE EMERGENCY VEHICLE



CABLE PLAN LEGEND

- EXISTING: [Symbol] 8" (200mm) TRAFFIC SIGNAL SECTION
- PROPOSED: [Symbol] 12" (300mm) TRAFFIC SIGNAL SECTION
- [Symbol] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [Symbol] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [Symbol] CONTROLLER CABINET
- [Symbol] SERVICE INSTALLATION
- [Symbol] TELEPHONE CONNECTION
- [Symbol] MAGNETIC DETECTOR
- [Symbol] EMERGENCY VEHICLE LIGHT DETECTOR
- [Symbol] CONFIRMATION BEACON
- [Symbol] PUSHBUTTON DETECTOR
- [Symbol] VEHICLE DETECTOR, INDUCTION LOOP
- [Symbol] DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BESHILDED.
- [Symbol] SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
- [Symbol] RAILROAD CONTROL CABINET
- [Symbol] ILLUMINATED SIGN, L.E.D. "NO LEFT TURN"
- [Symbol] ILLUMINATED SIGN, L.E.D. "NO RIGHT TURN"
- [Symbol] GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).
- [Symbol] GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
- [Symbol] GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- [Symbol] GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
- [Symbol] FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	52
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
 SCHEDULE OF QUANTITIES,
 CABLE PLAN AND
 PHASE DESIGNATION DIAGRAM
 OGDEN AVE. & LAWDALE AVE.

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

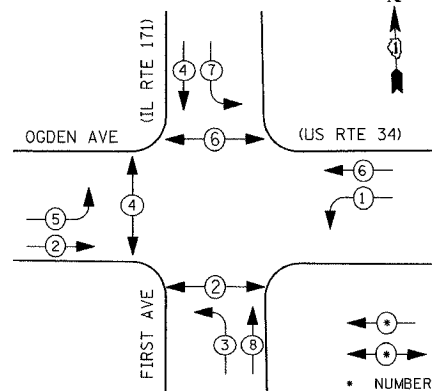
REVISIONS		
NO.	NAME	DATE

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	METER	67
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	METER	97
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN PUSH BUTTON	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REOPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	54
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			

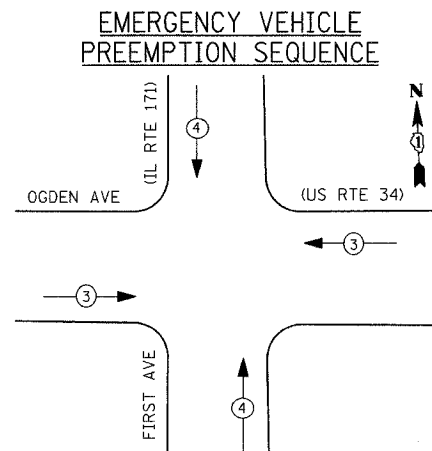
CONTROLLER SEQUENCE



LEGEND

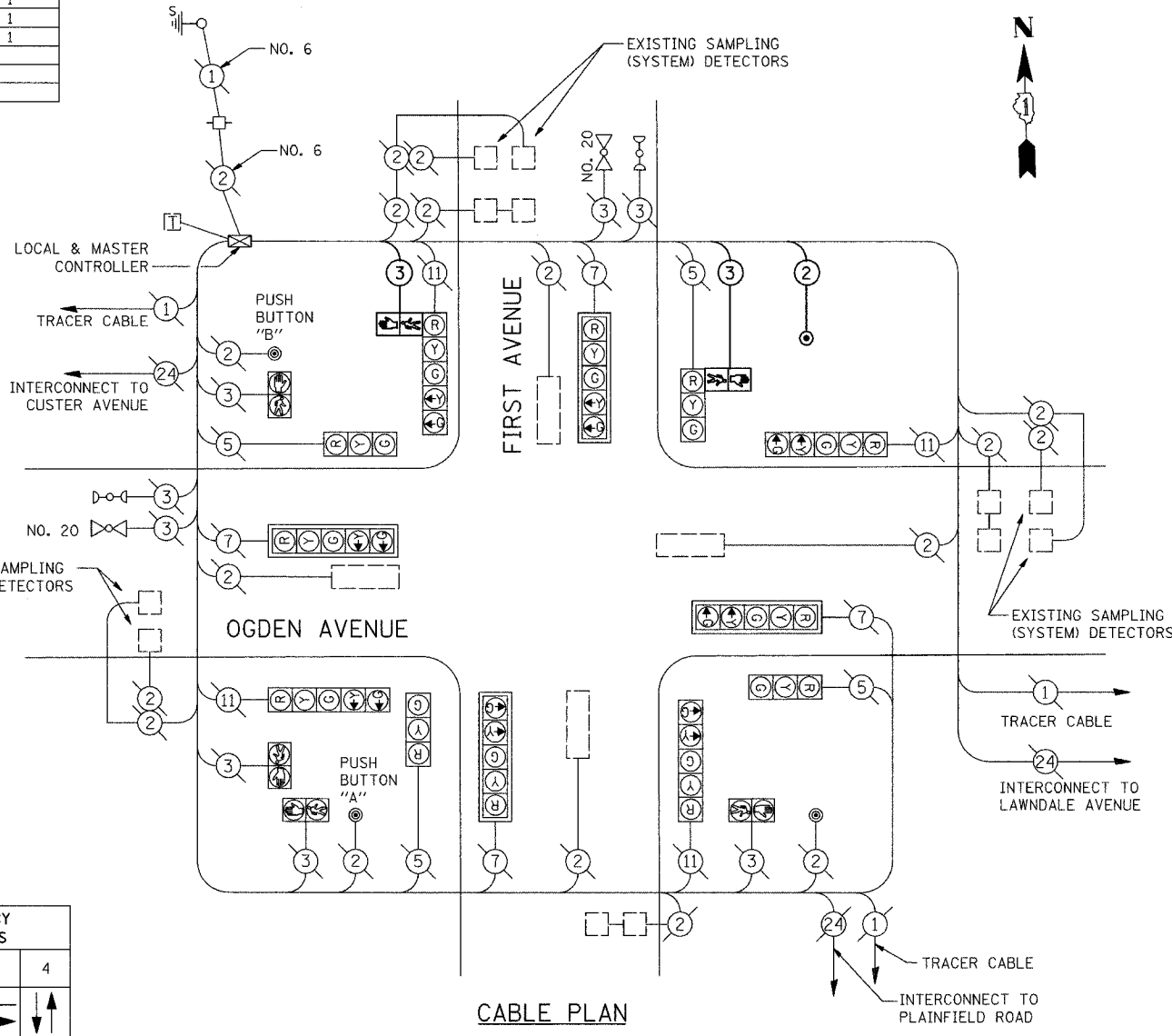
- ◀•▶ DUAL ENTRY PHASE
- ◀•▶ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

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



CABLE PLAN LEGEND

- | EXISTING | PROPOSED | |
|----------|----------|--|
| Ⓜ | Ⓜ | 8" (200mm) TRAFFIC SIGNAL SECTION |
| Ⓜ | Ⓜ | 12" (300mm) TRAFFIC SIGNAL SECTION |
| Ⓜ | Ⓜ | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| Ⓜ | Ⓜ | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| Ⓜ | Ⓜ | CONTROLLER CABINET |
| Ⓜ | Ⓜ | SERVICE INSTALLATION |
| Ⓜ | Ⓜ | TELEPHONE CONNECTION |
| Ⓜ | Ⓜ | MAGNETIC DETECTOR |
| Ⓜ | Ⓜ | EMERGENCY VEHICLE LIGHT DETECTOR |
| Ⓜ | Ⓜ | CONFIRMATION BEACON |
| Ⓜ | Ⓜ | PUSHBUTTON DETECTOR |
| Ⓜ | Ⓜ | VEHICLE DETECTOR, INDUCTION LOOP |
| Ⓜ | Ⓜ | ② DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BESHIELDED. |
| Ⓜ | Ⓜ | Ⓜ R SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD |
| Ⓜ | Ⓜ | Ⓜ RAILROAD CONTROL CABINET |
| Ⓜ | Ⓜ | Ⓜ ILLUMINATED SIGN, L.E.D. "NO LEFT TURN" |
| Ⓜ | Ⓜ | Ⓜ ILLUMINATED SIGN, L.E.D. "NO RIGHT TURN" |
| H/C | C | GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C). |
| P | P | GROUND ROD AT POST (P), OR MAST ARM POLE (MA). |
| S | S | GROUND ROD AT ELECTRIC SERVICE INSTALLATION |
| ① | ① | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) |
| ②④ | ②④ | FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F |

NOTE: PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	OPERATION	
SIGNAL (RED)	12	135	17	0.50	810.00
(YELLOW)	12	135	25	0.25	405.00
(GREEN)	12	135	15	0.25	405.00
ARROW	16	135	12	0.10	216.00
PED. SIGNAL	6	90	25	1.00	410.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	0	84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 2346.0
ENERGY SUPPLY					ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAMBURG, ILLINOIS 60196-1096 CONTACT: TERRY BLACK PHONE: (847) 816-5239 COMPANY: COM. EDISON

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2' (6m+L-0.6m)
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

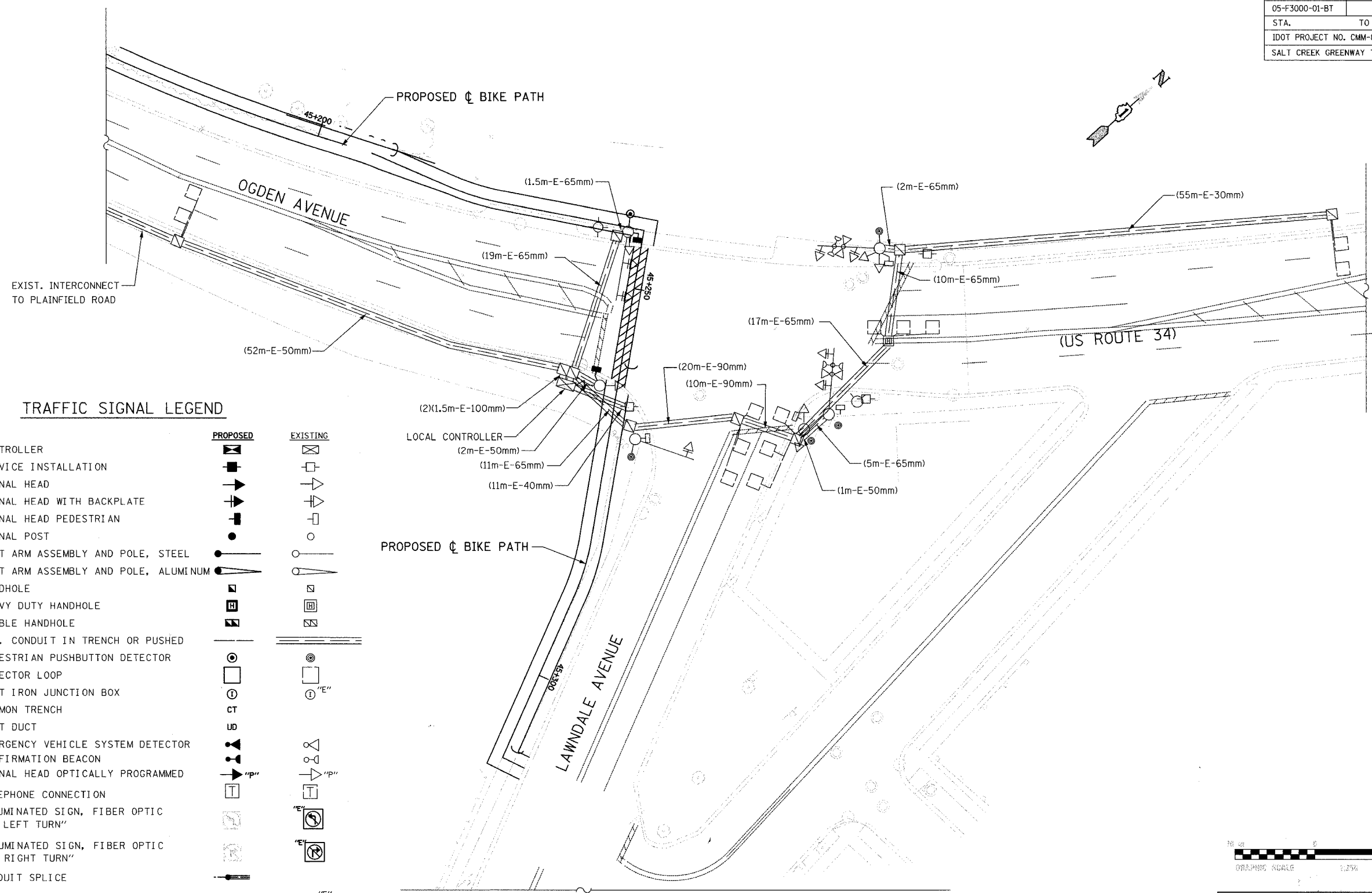
REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
 SCHEDULE OF QUANTITIES,
 CABLE PLAN AND
 PHASE DESIGNATION DIAGRAM
 OGDEN AVE. & FIRST AVE.

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	55
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			
CONTRACT NO. 83667			



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G. S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
COMMON TRENCH		
UNIT DUCT		
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
TELEPHONE CONNECTION		
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		



REVISIONS		
NO.	NAME	DATE

URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL

**TRAFFIC SIGNAL MODIFICATION PLAN
 LAWDALE AVENUE & OGDEN AVENUE**

DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

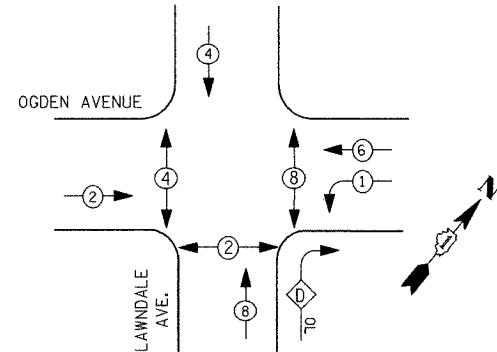
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	METER	32
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	METER	49
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN PUSH BUTTON	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	56
STA. TO STA.			
IDOT PROJECT NO. CMM-8003(498)			
SALT CREEK GREENWAY TRAIL			

CONTRACT NO. 83667

CONTROLLER SEQUENCE



LEGEND

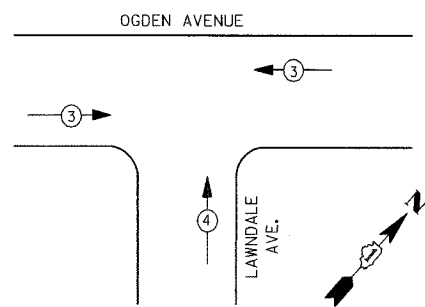
- ⊕ DUAL ENTRY PHASE
- OL OVERLAP
- ⊕ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTIVE PHASE
D	= 8	+ 1

PHASE DESIGNATION DIAGRAM

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

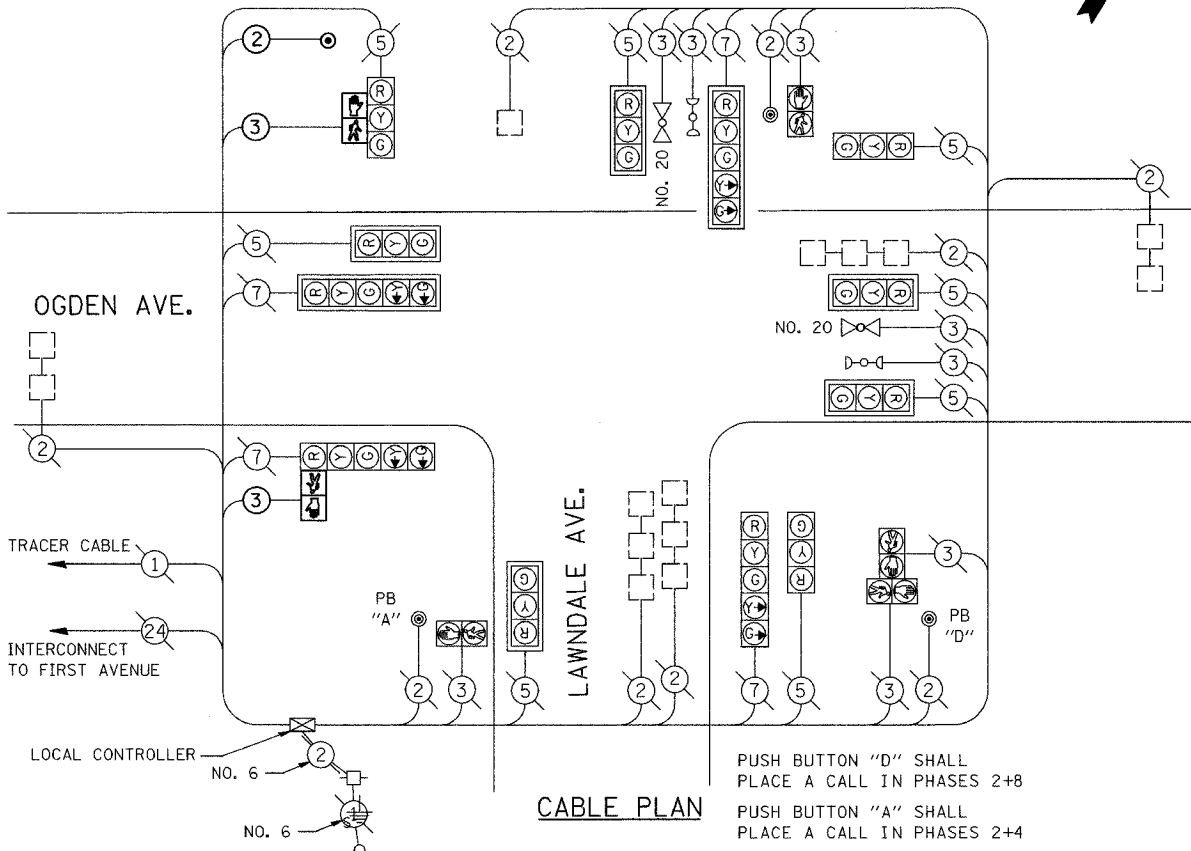
PREEMPTION SEQUENCE EMERGENCY VEHICLE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	810.00
(YELLOW)	12	135	25	0.25	405.00
(GREEN)	12	135	15	0.25	405.00
ARROW	8	135	12	0.10	108.00
PED. SIGNAL	6	90	25	1.00	410.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	0	84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 2238.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 CONTACT: JERI BLACK
 PHONE: (847) 816-5239
 COMPANY: COM. EDISON

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2"±
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m±L-0.6m)±	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



CABLE PLAN LEGEND

- EXISTING PROPOSED
- ⊕ 8" (200mm) TRAFFIC SIGNAL SECTION
- ⊕ 12" (300mm) TRAFFIC SIGNAL SECTION
- ⊕ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ⊕ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ⊕ CONTROLLER CABINET
- ⊕ SERVICE INSTALLATION
- ⊕ TELEPHONE CONNECTION
- ⊕ MAGNETIC DETECTOR
- ⊕ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊕ CONFIRMATION BEACON
- ⊕ PUSHBUTTON DETECTOR
- ⊕ VEHICLE DETECTOR, INDUCTION LOOP
- ⊕ DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BESHIELDED.
- ⊕ SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
- "E" ⊕ RAILROAD CONTROL CABINET
- "E" ⊕ ILLUMINATED SIGN, L.E.D. "NO LEFT TURN"
- "E" ⊕ ILLUMINATED SIGN, L.E.D. "NO RIGHT TURN"
- H/C ⊕ GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).
- P ⊕ GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
- S ⊕ GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- ⊕ 1 ⊕ GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
- ⊕ 24 ⊕ FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F

REVISIONS		
NO.	NAME	DATE

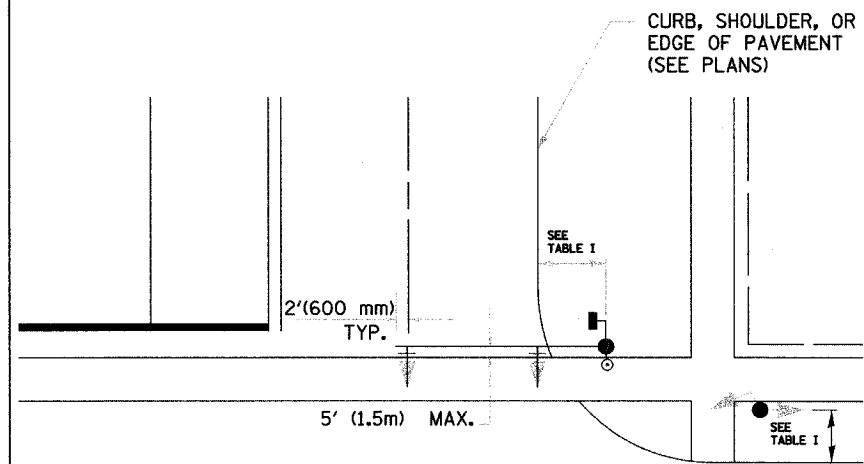
URS 1701 GOLF ROAD, SUITE 1000 TEL (847) 228-0707
 ROLLING MEADOWS, IL 60008 FAX (847) 228-1115

FOREST PRESERVE DISTRICT OF COOK COUNTY
SALT CREEK GREENWAY TRAIL
 SCHEDULE OF QUANTITIES,
 CABLE PLAN AND
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 OGDEN AVE. & LAWDALE AVE.

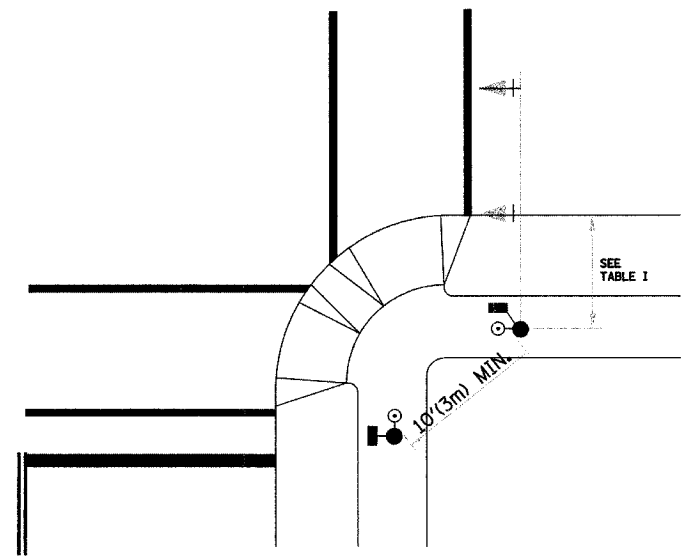
DATE: 7/01/05 DRAWN BY: XXX
 DESIGNED BY: MIA CHECKED BY: DDL

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION. EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 - A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 - B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 - C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 - D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 - E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

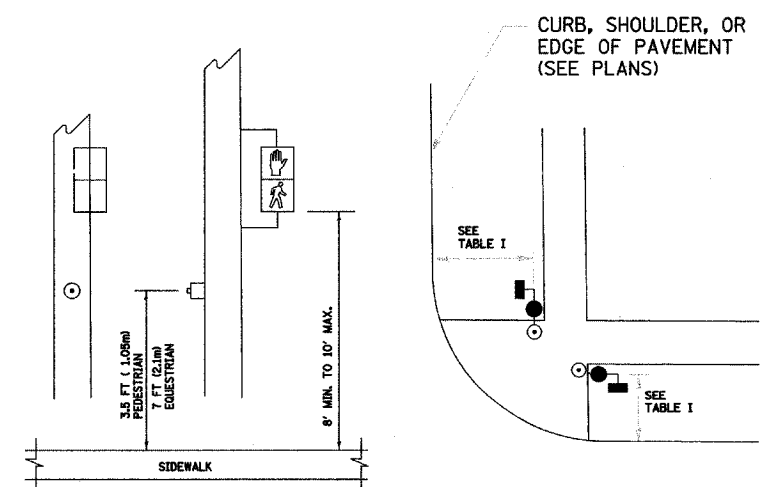


TABLE I

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

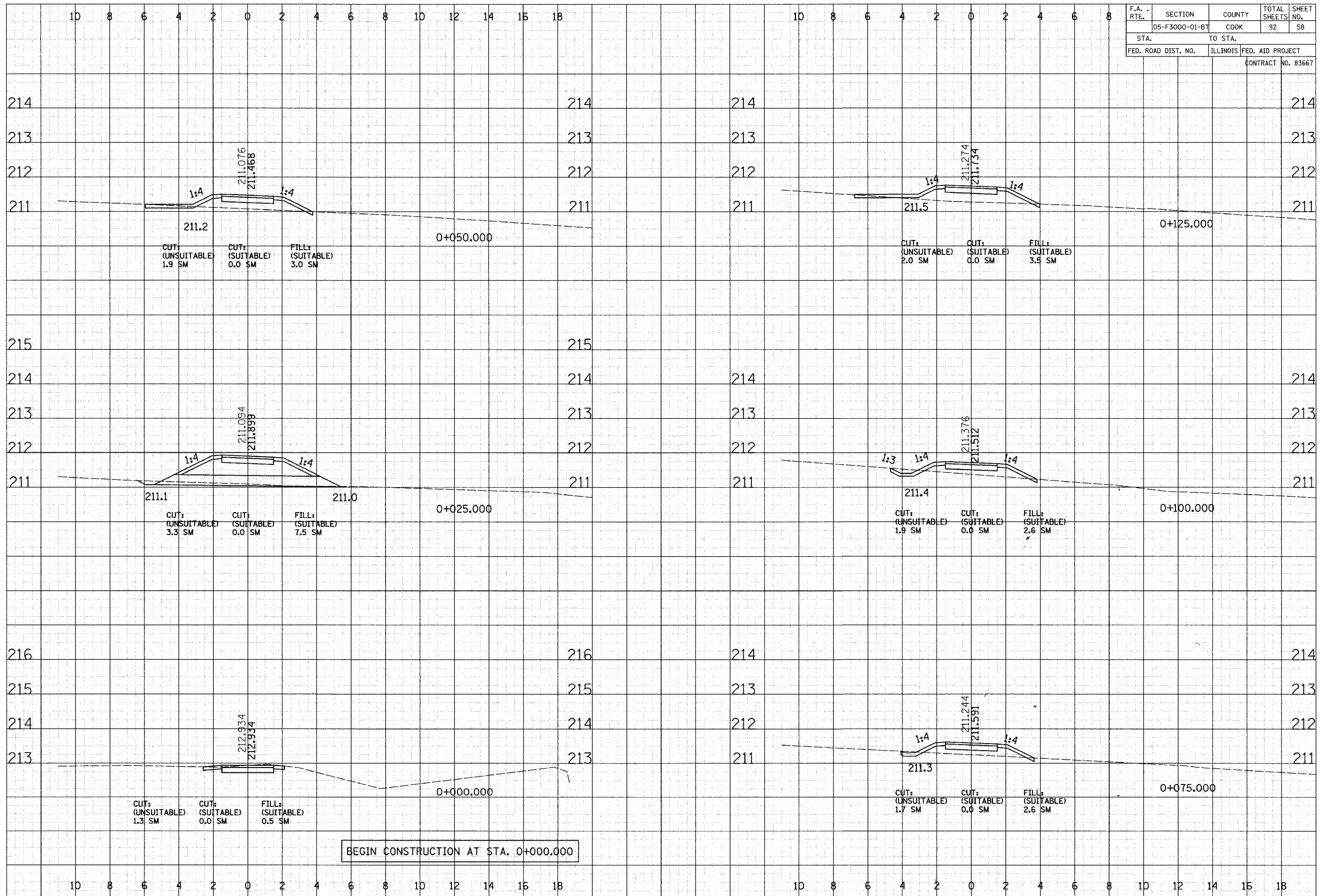
SCALE: VERT. NONE
 HORIZ. NONE
DATE 1-01-02

DRAWN BY: RWP
DESIGNED BY: DAZ
CHECKED BY: DAZ
SHEET 2 OF 4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	58
STA.	TO STA.		FED. AID PROJECT	
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 83667		

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED

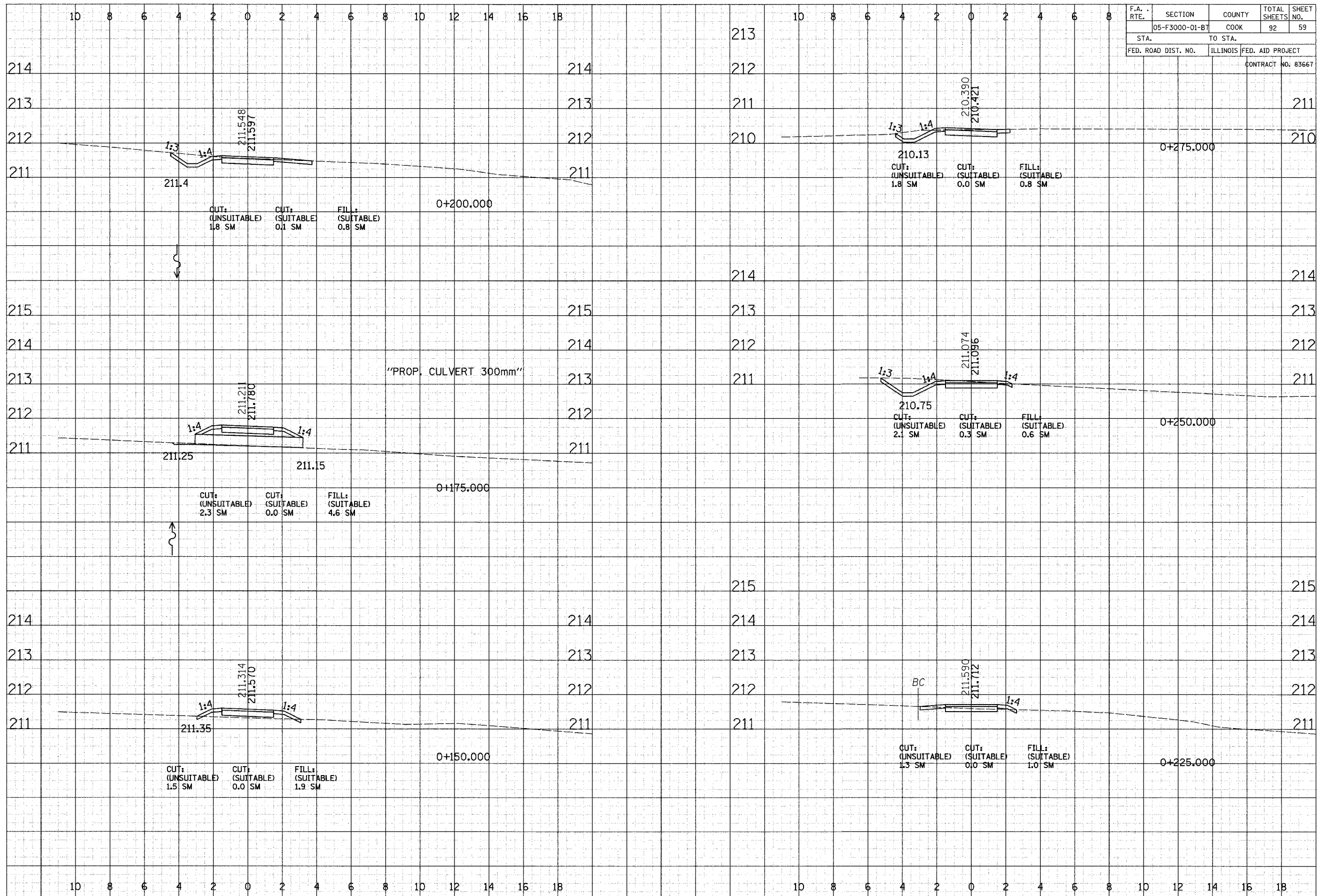


CROSS SECTIONS - BUSSE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	COOK	92	59
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO. 83667	

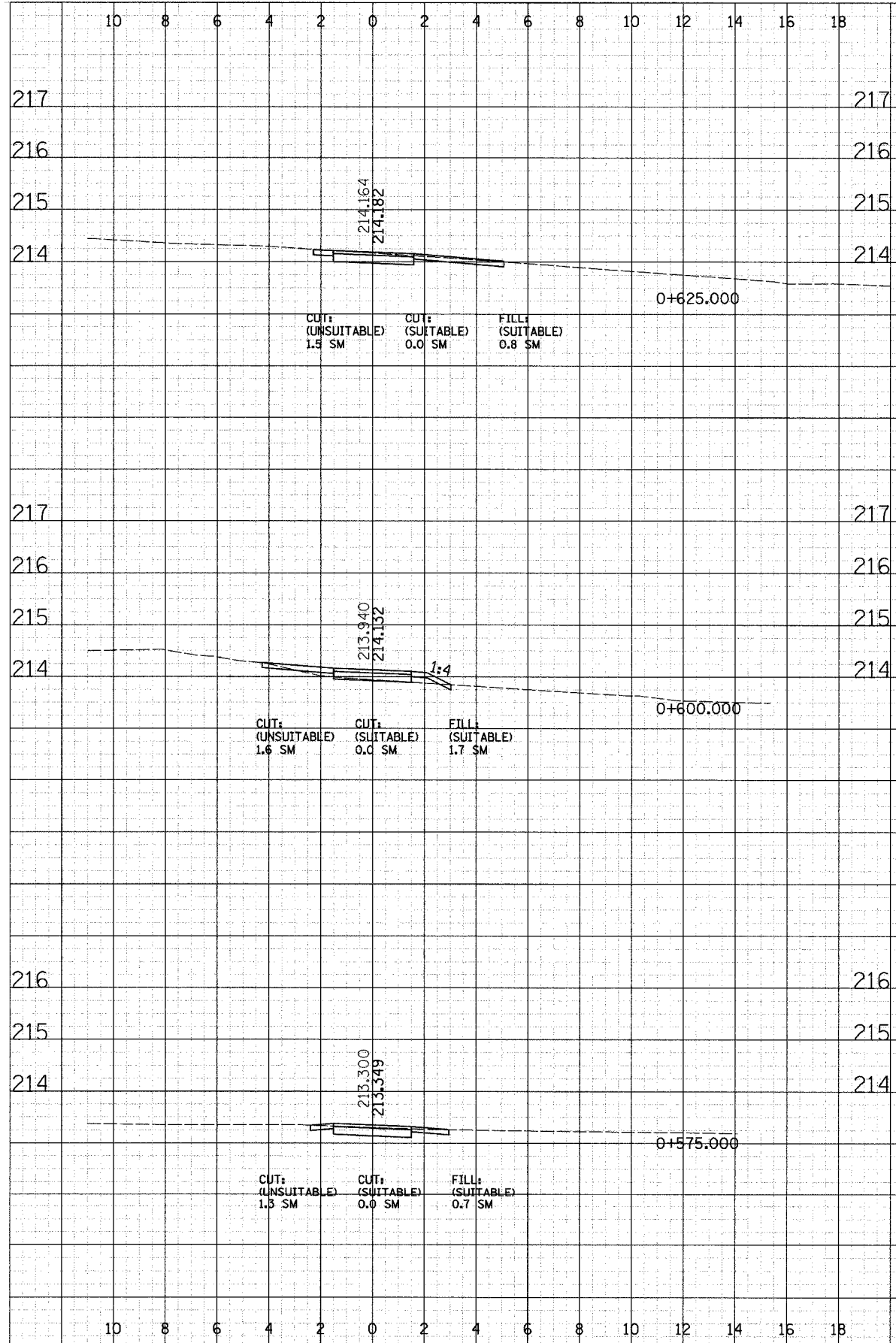
BY	DATE
FINAL SURVEY	SURVEY
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEY
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED



CROSS SECTIONS - BUSSE

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B1	COOK	92	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83667				



FINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

REVISIONS
 SURVEY _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK NO. _____

DATE _____

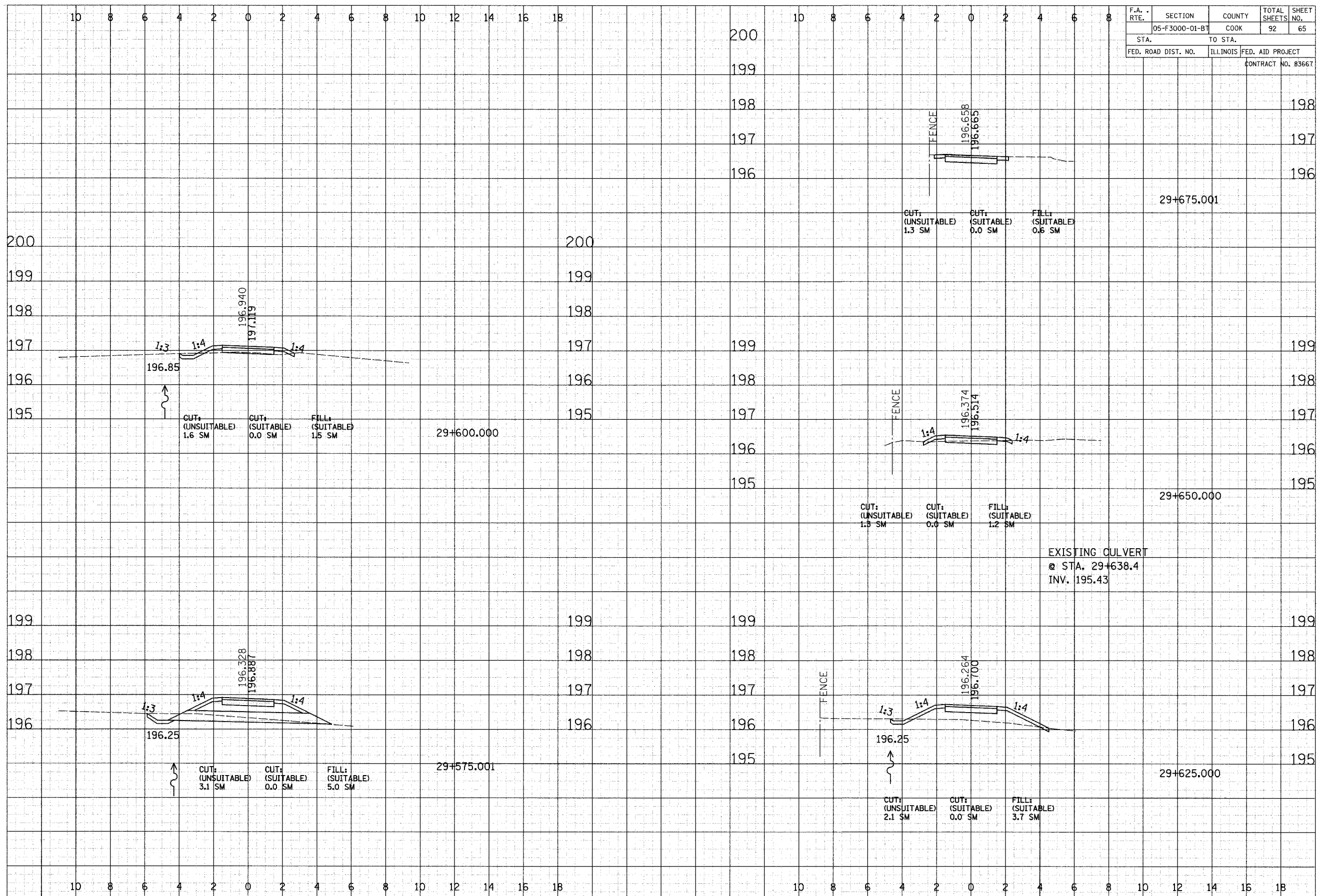
BY _____

REVISIONS
 SURVEY _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____

DATE _____
 BY _____
 REVISIONS
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

DATE _____
 BY _____
 ORIGINAL SURVEY
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT		COOK	92	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				

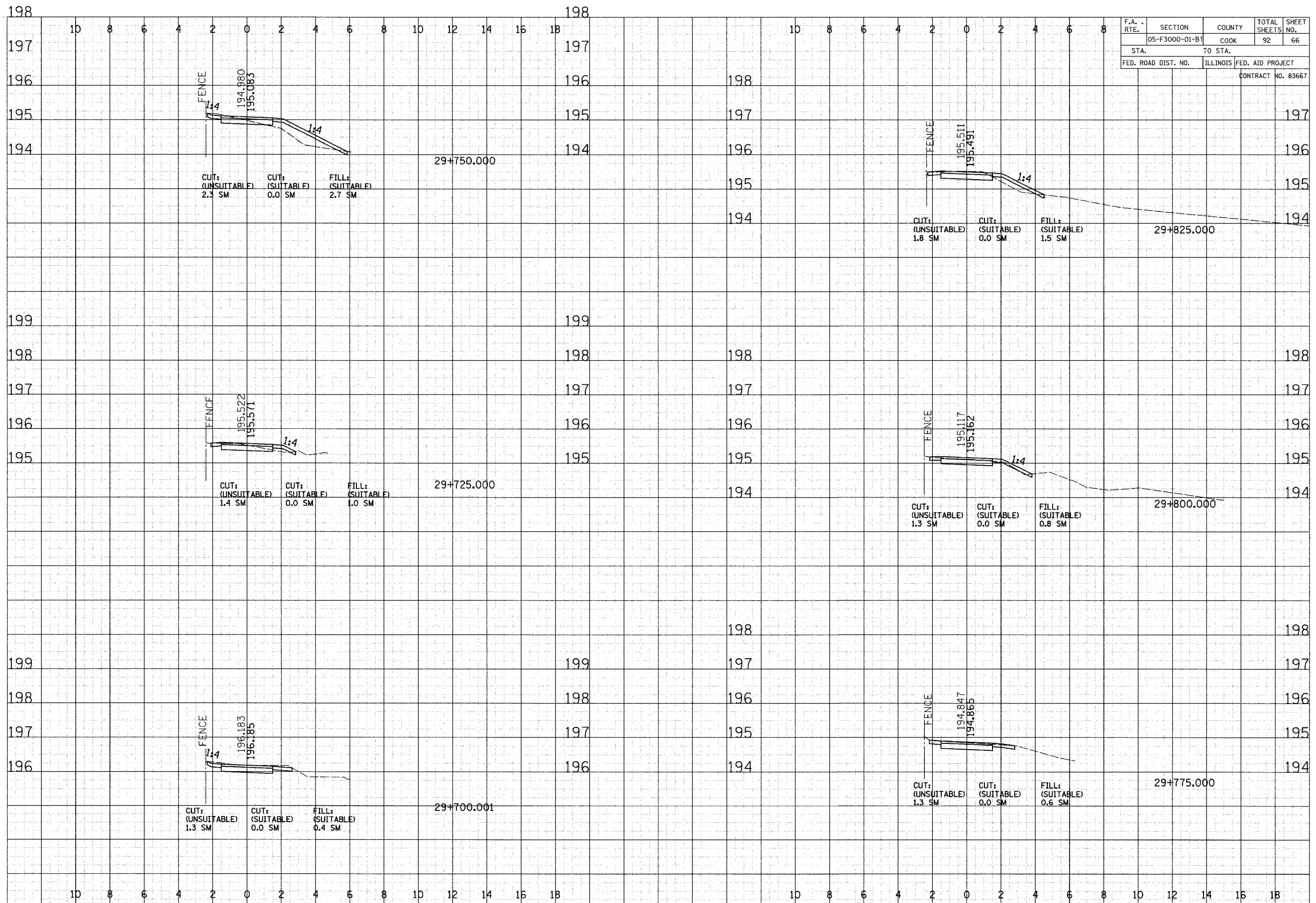


CROSS SECTIONS - COOK COUNTY FP

DATE _____
 BY _____
 SURVEY PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

DATE _____
 BY _____
 ORIGINAL SURVEY PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B1	COOK	92	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT		COOK	92	68
STA. TO STA.		FED. AID PROJECT		
		ILLINOIS		
		CONTRACT NO. 83667		

FINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

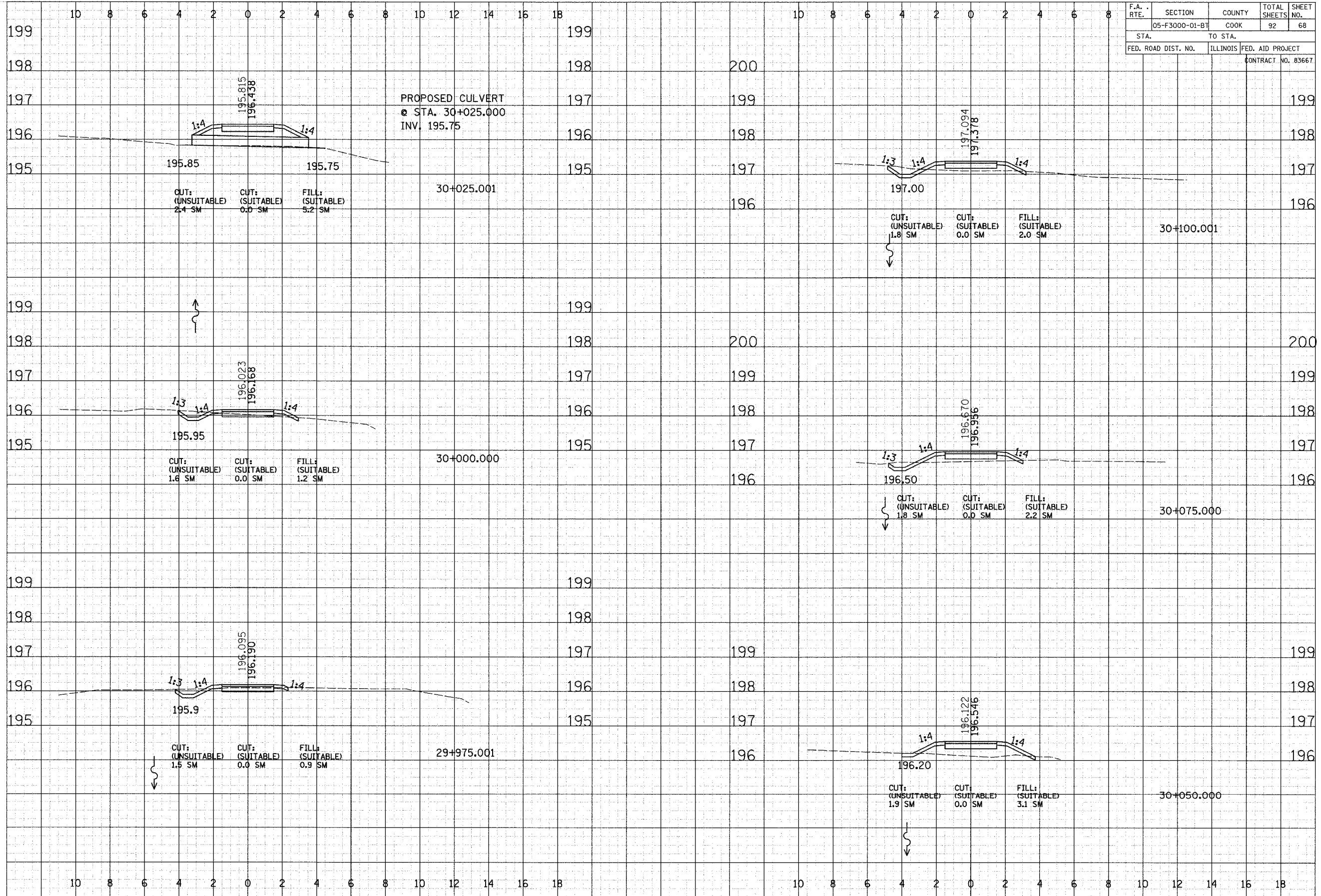
REVISIONS
 PLOTTED
 TEMPLATE
 AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

REVISIONS
 PLOTTED
 TEMPLATE
 AREAS CHECKED



CROSS SECTIONS - COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				

FINAL SURVEY NOTE BOOK NO. _____

CHECKED BY _____ DATE _____

PLOTTED BY _____ DATE _____

TEMPERATURE _____

AREAS CHECKED _____

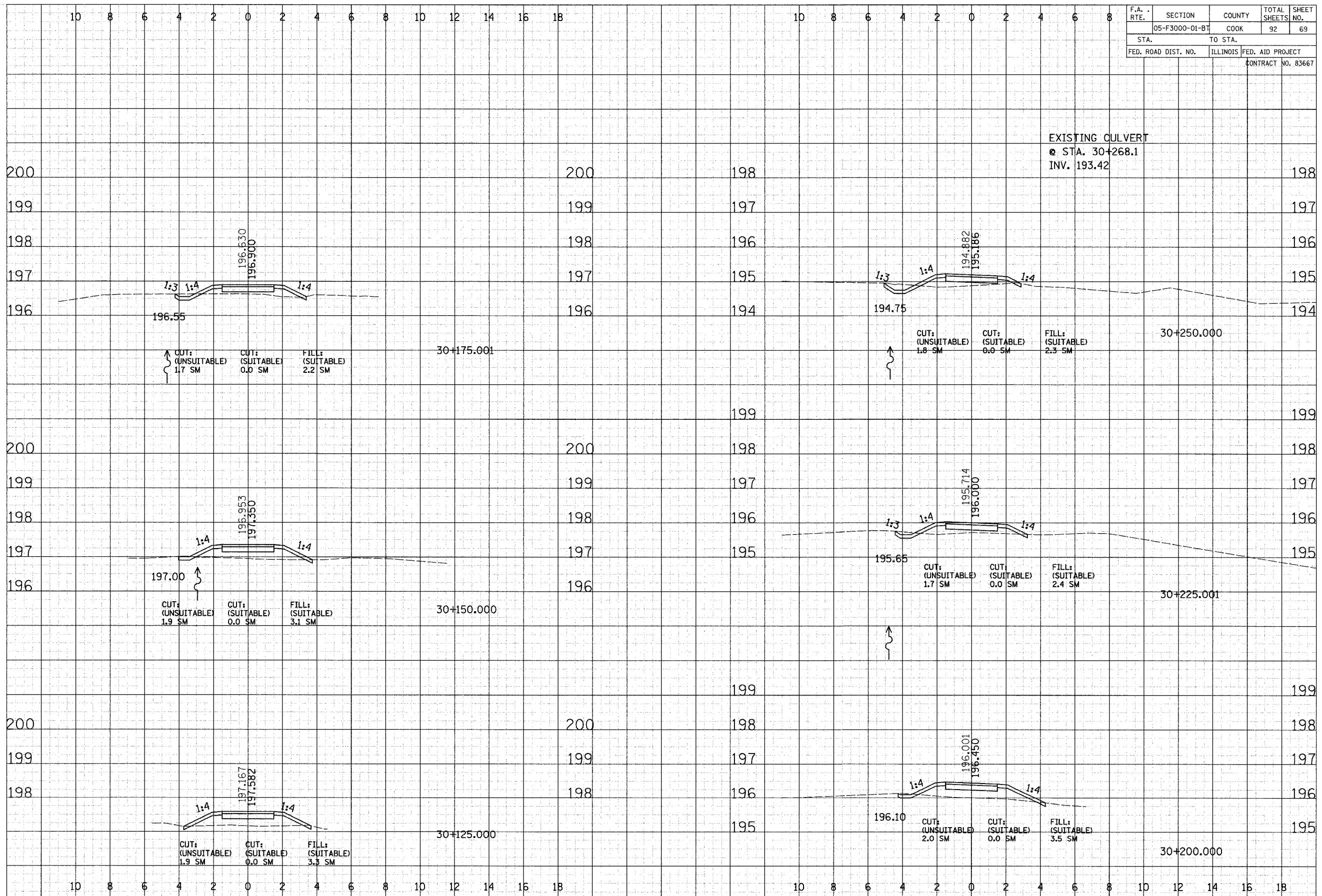
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CHECKED BY _____ DATE _____

PLOTTED BY _____ DATE _____

TEMPERATURE _____

AREAS CHECKED _____



CROSS SECTIONS - COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK		92	70
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO. 83667	

BY _____ DATE _____

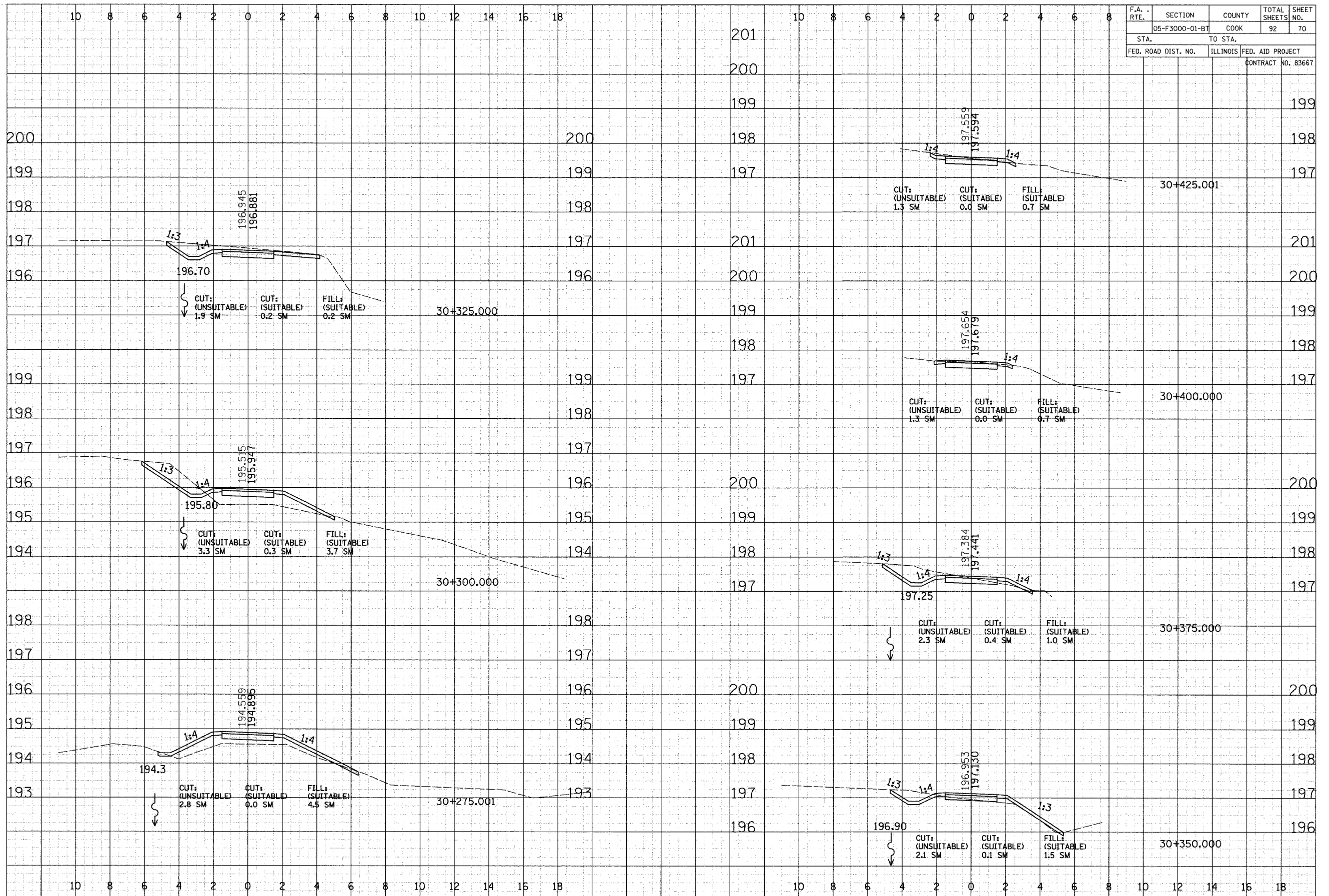
FINAL SURVEY NOTE BOOK NO. _____

REVISIONS PLOTTED TEMPLATE AREAS CHECKED

BY _____ DATE _____

ORIGINAL SURVEY NOTE BOOK NO. _____

REVISIONS PLOTTED TEMPLATE AREAS CHECKED

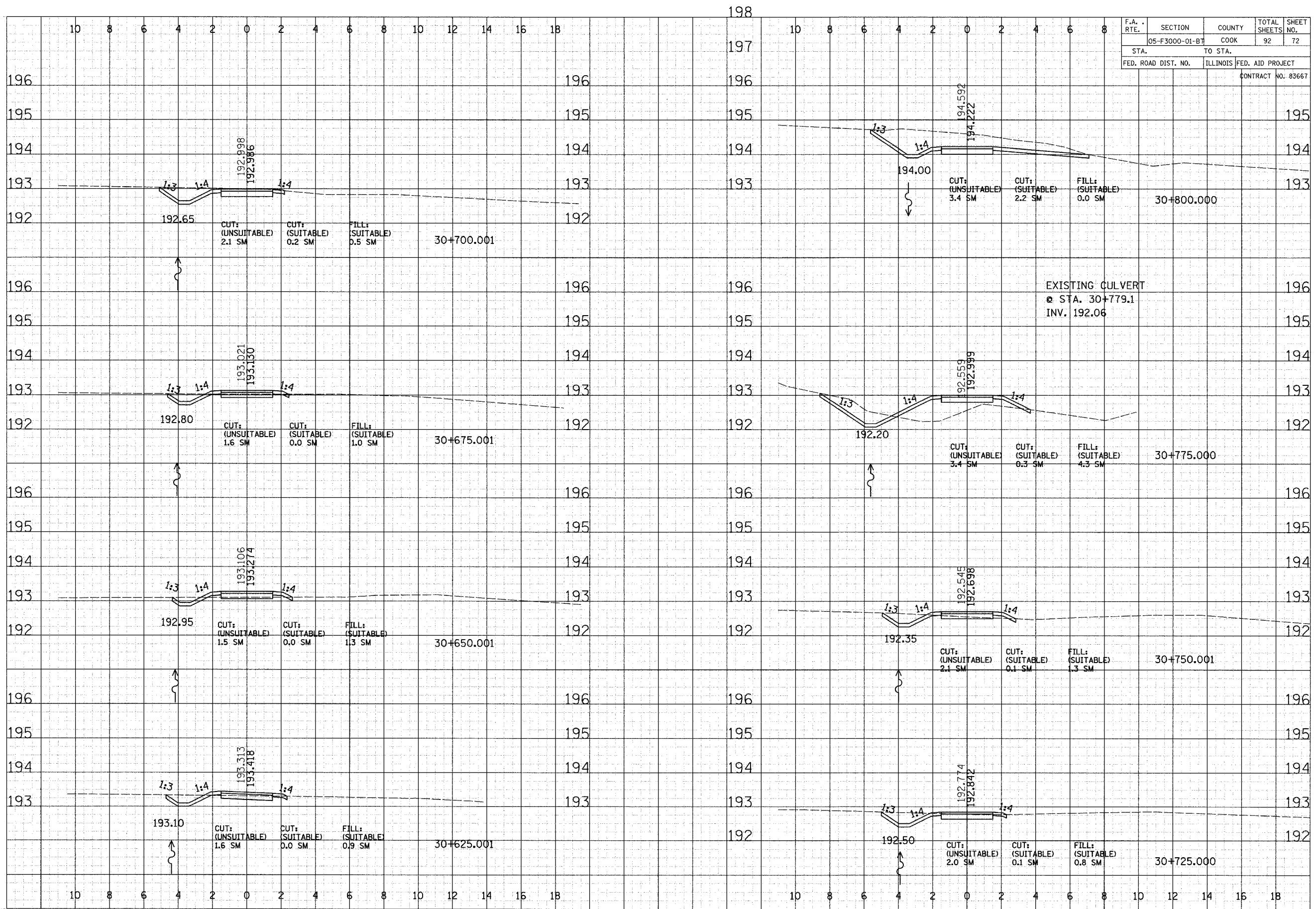


CROSS SECTIONS - COOK COUNTY FP

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B7	COOK	92	72
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 83667	



CROSS SECTIONS - COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				

BY _____ DATE _____

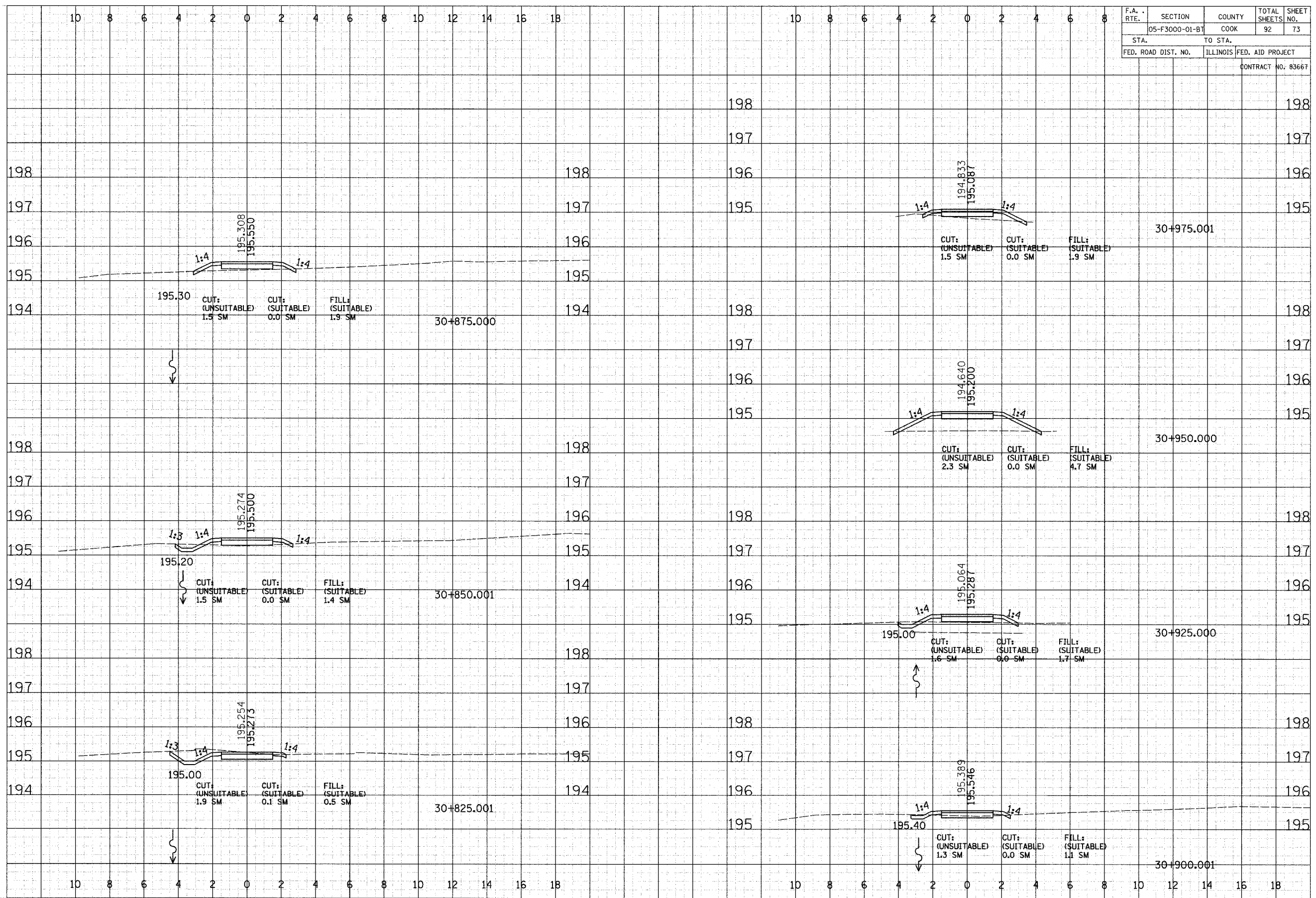
REVISIONS
 SURVEY _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

FINAL SURVEY NO. _____

BY _____ DATE _____

REVISIONS
 SURVEY _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

ORIGINAL SURVEY NO. _____

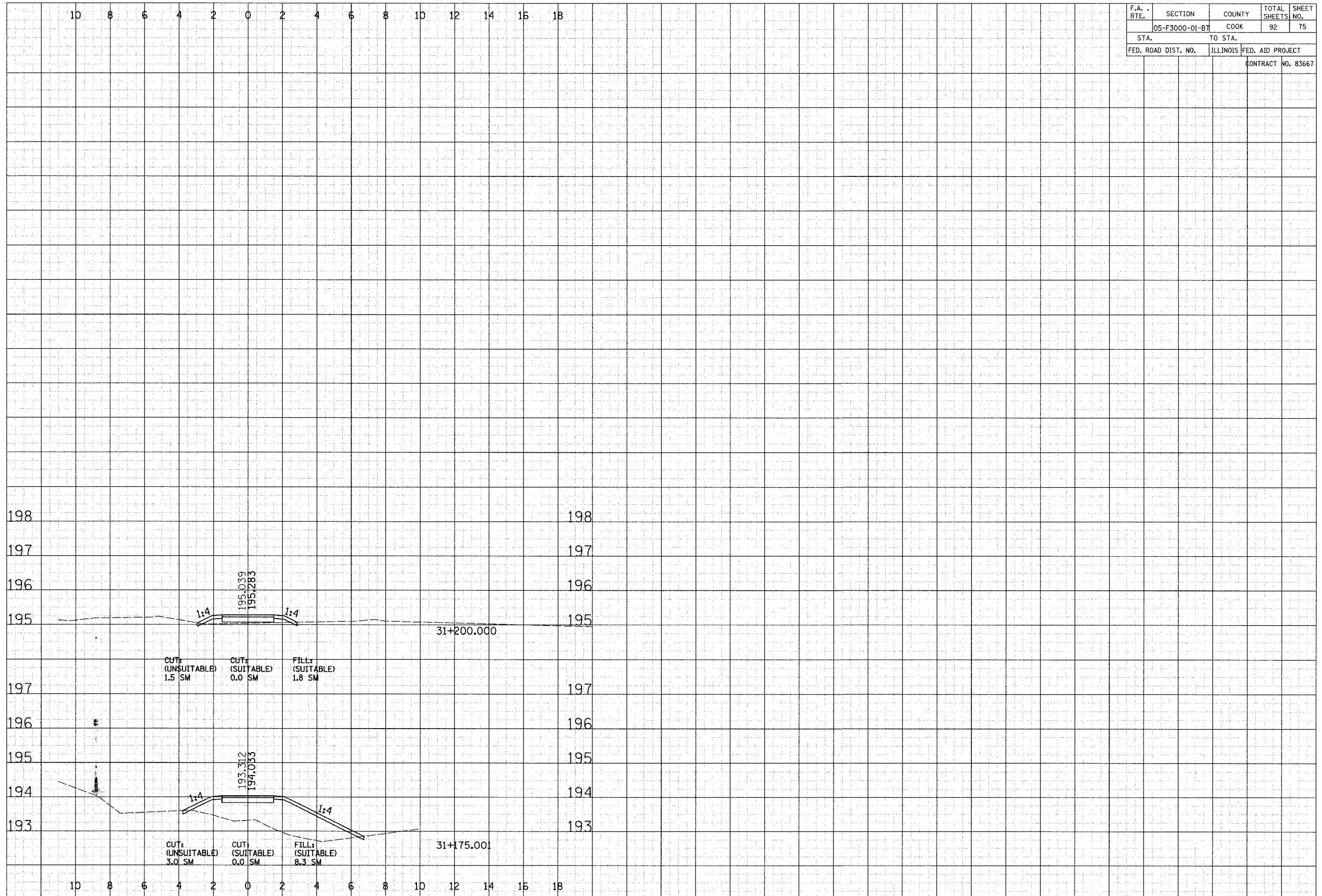


CROSS SECTIONS - COOK COUNTY FP

FINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
PLOTTED	BY _____
TEMPLATE	NO. _____
AREAS CHECKED	BY _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
PLOTTED	BY _____
TEMPLATE	NO. _____
AREAS CHECKED	BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B7	COOK	92	75
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 83667		

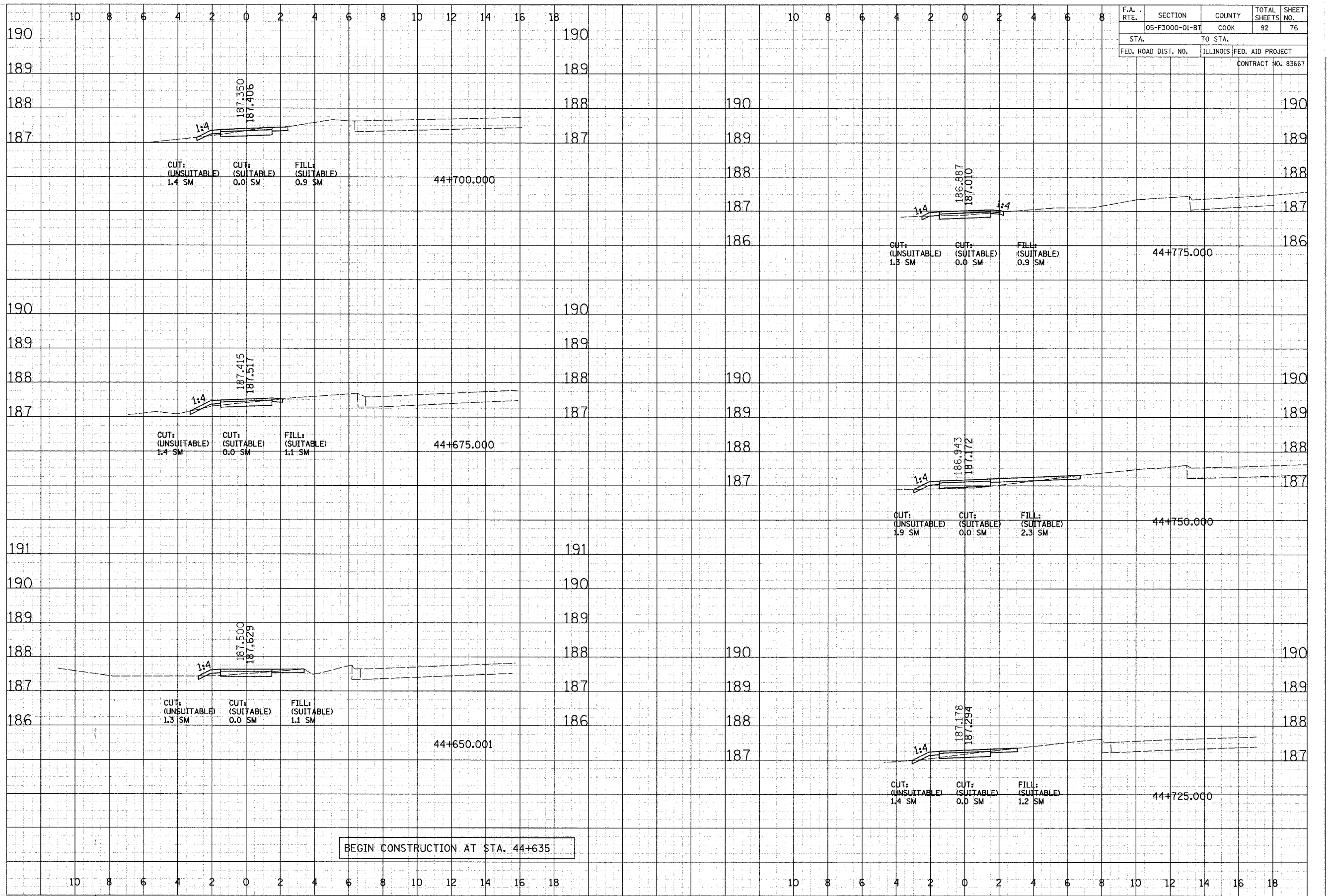


CROSS SECTIONS - COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT		COOK	92	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				

BY _____ DATE _____
 SUPERVISOR _____
 SURVEYOR _____
 FINISHED _____
 SURVEY _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

BY _____ DATE _____
 SUPERVISOR _____
 SURVEYOR _____
 ORIGINAL _____
 SURVEY _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

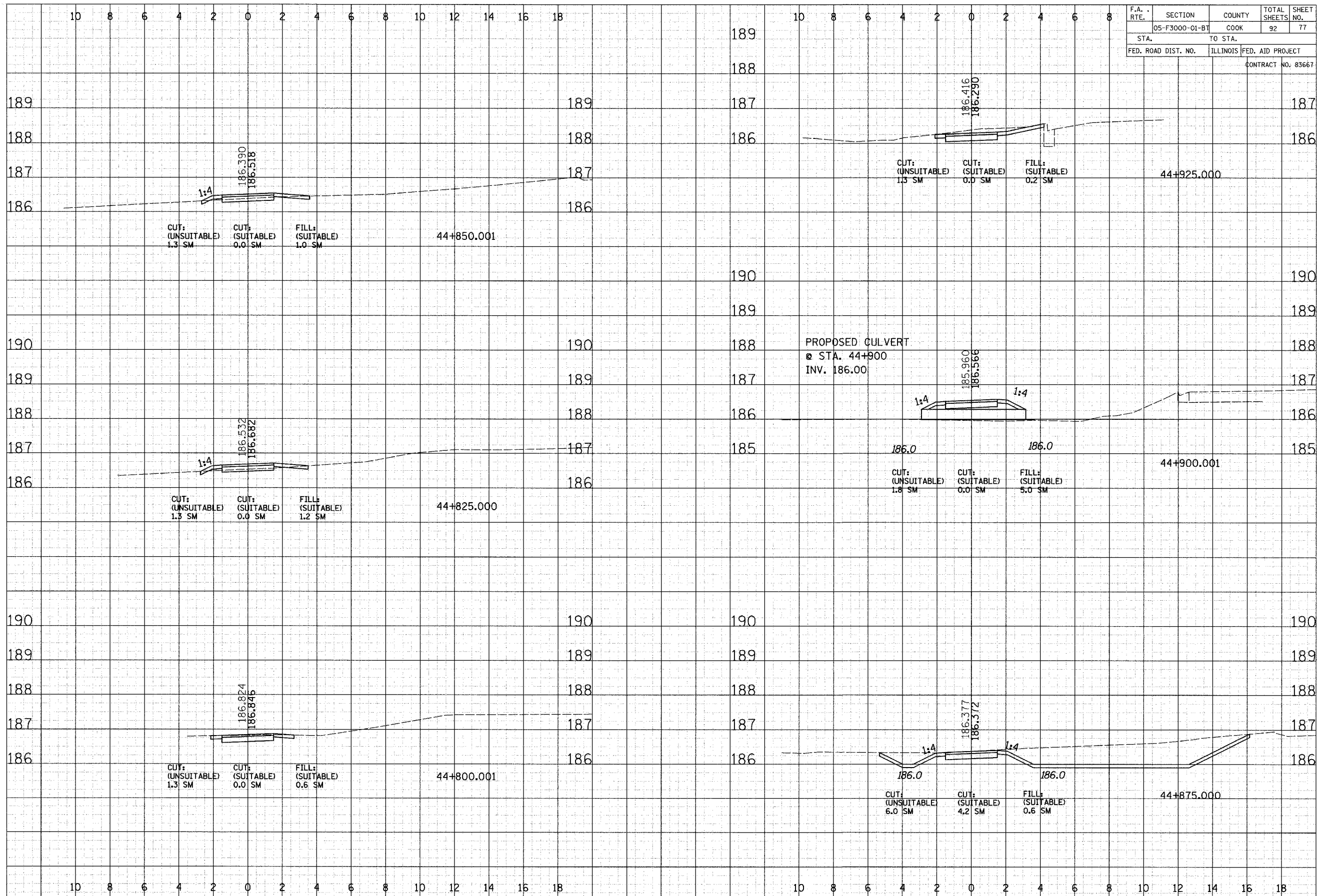


BEGIN CONSTRUCTION AT STA. 44+635

CROSS SECTIONS - OGDEN AVE.-COOK COUNTY FP

BY _____ DATE _____
 SUPERVISOR _____
 SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 AREAS CHECKED _____

BY _____ DATE _____
 SUPERVISOR _____
 SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 AREAS CHECKED _____



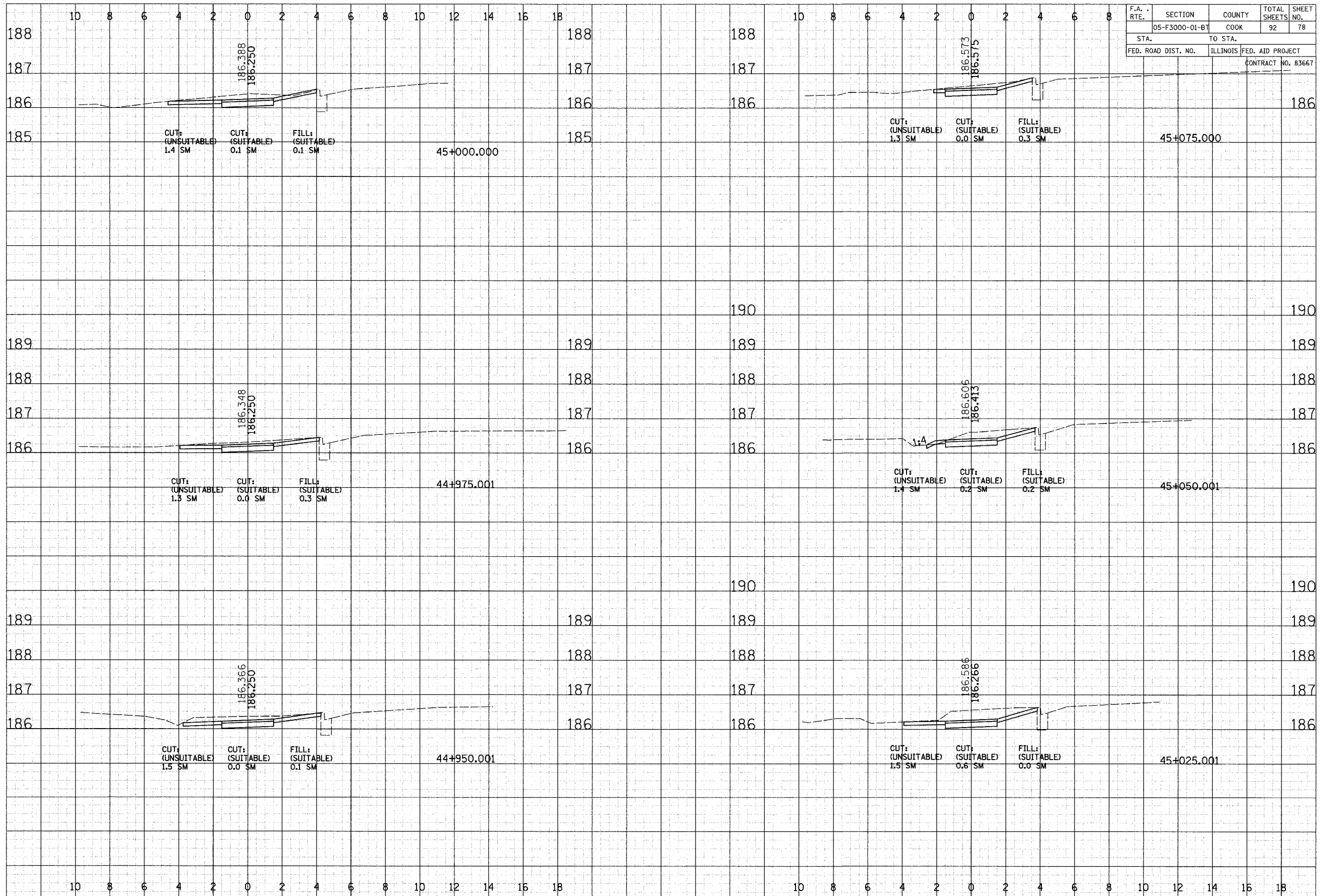
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	92	77	
STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
				CONTRACT NO. 83667

CROSS SECTIONS - OGDEN AVE.-COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	78
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO. 83667	

DATE	BY
NO.	
ORIGINAL SURVEY NOTE BOOK NO.	
REPLATE	
AREAS CHECKED	

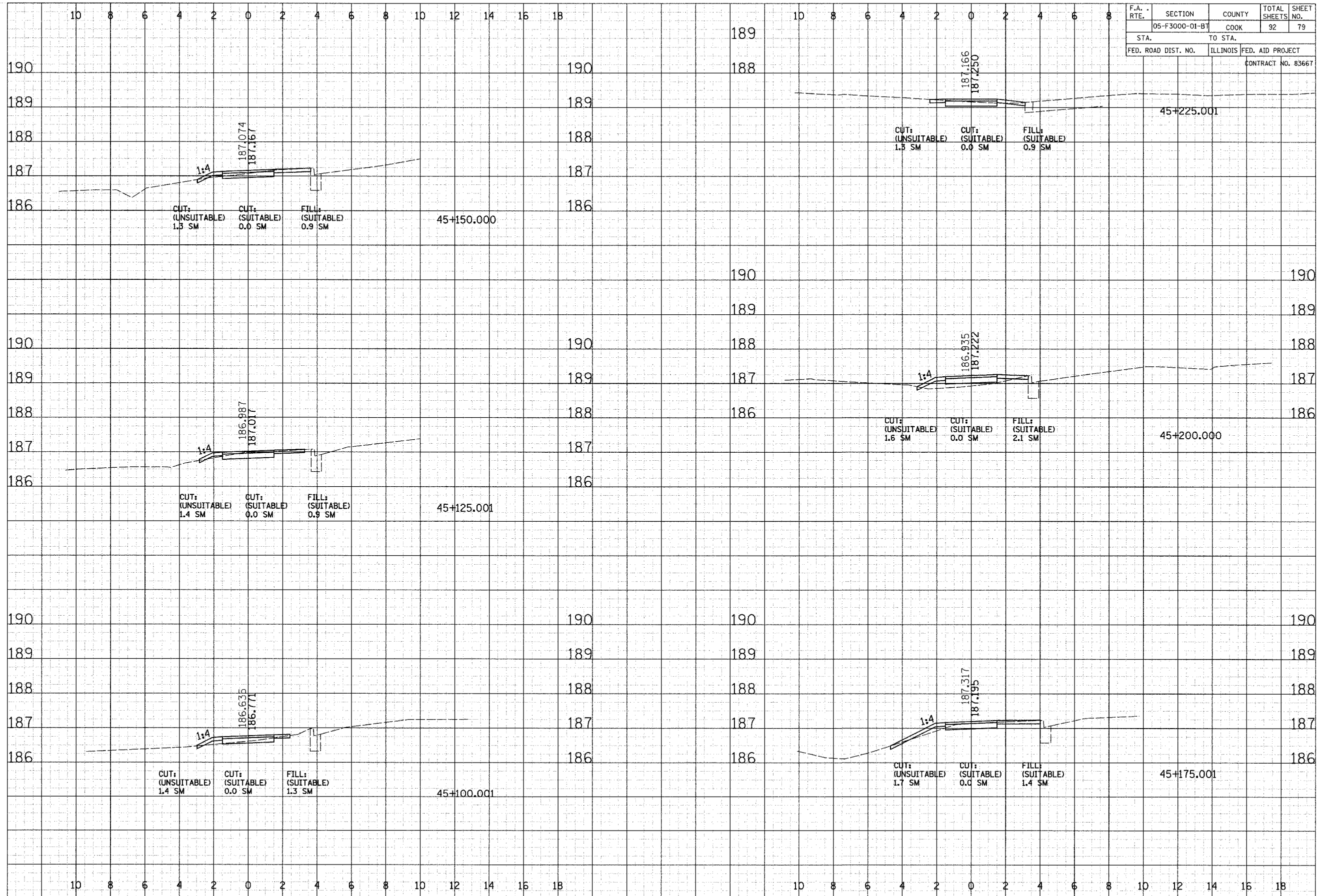
DATE	BY
NO.	
ORIGINAL SURVEY NOTE BOOK NO.	
REPLATE	
AREAS CHECKED	



CROSS SECTIONS - OGDEN AVE.-COOK COUNTY FP

FINISHED
 SURVEY
 PLOTTED
 TEMPLATE
 NOTE BOOK
 NO. _____
 BY _____
 DATE _____
 ANGLES CHECKED

ORIGINAL
 SURVEY
 PLOTTED
 TEMPLATE
 NOTE BOOK
 NO. _____
 BY _____
 DATE _____
 ANGLES CHECKED



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B7	COOK	92	79
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 83667	

CROSS SECTIONS - OGDEN AVE.-COOK COUNTY FP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK		92	82
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 83667		

FINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

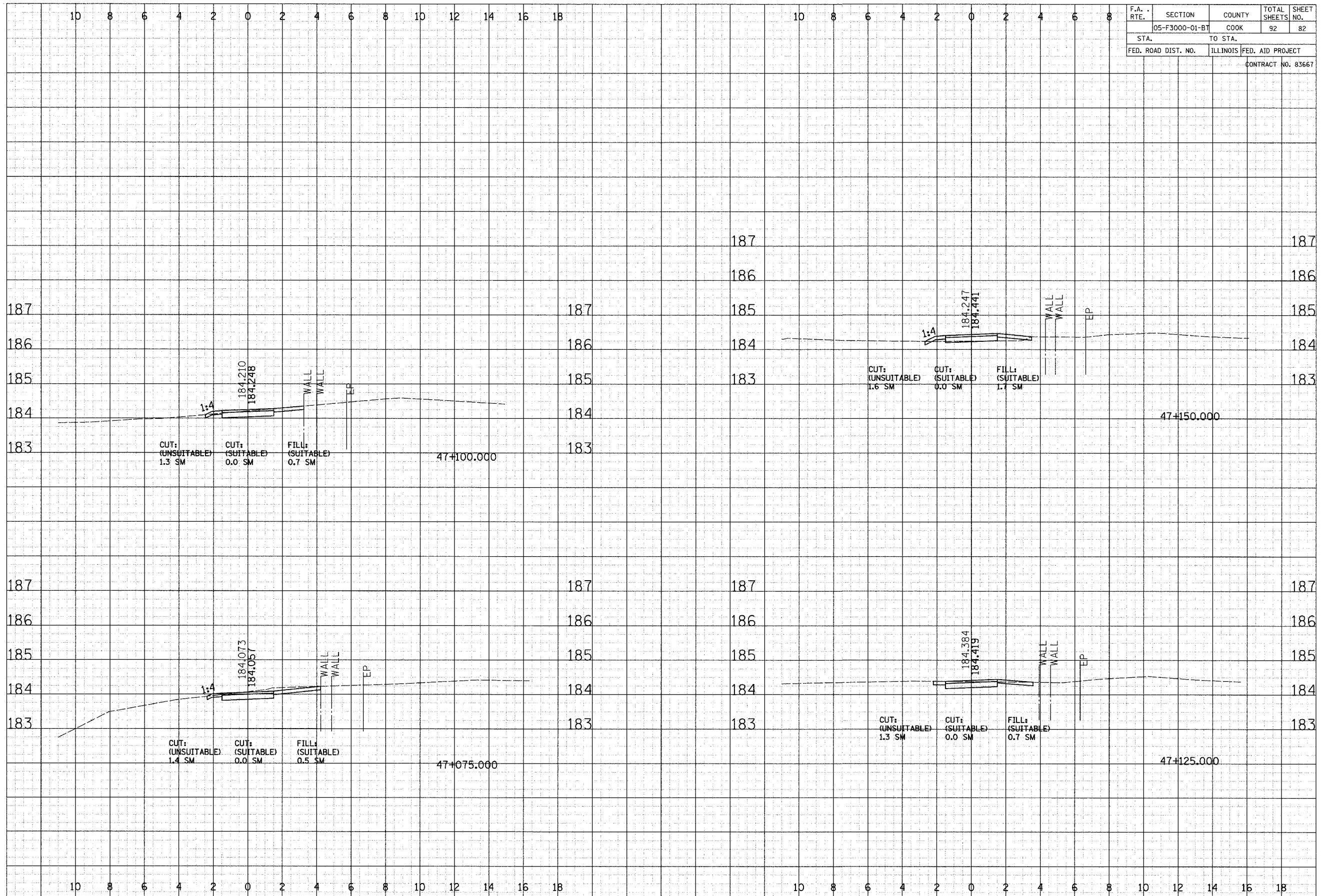
REVISIONS/PLOTTED/TEMPLATE/AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

REVISIONS/PLOTTED/TEMPLATE/AREAS CHECKED

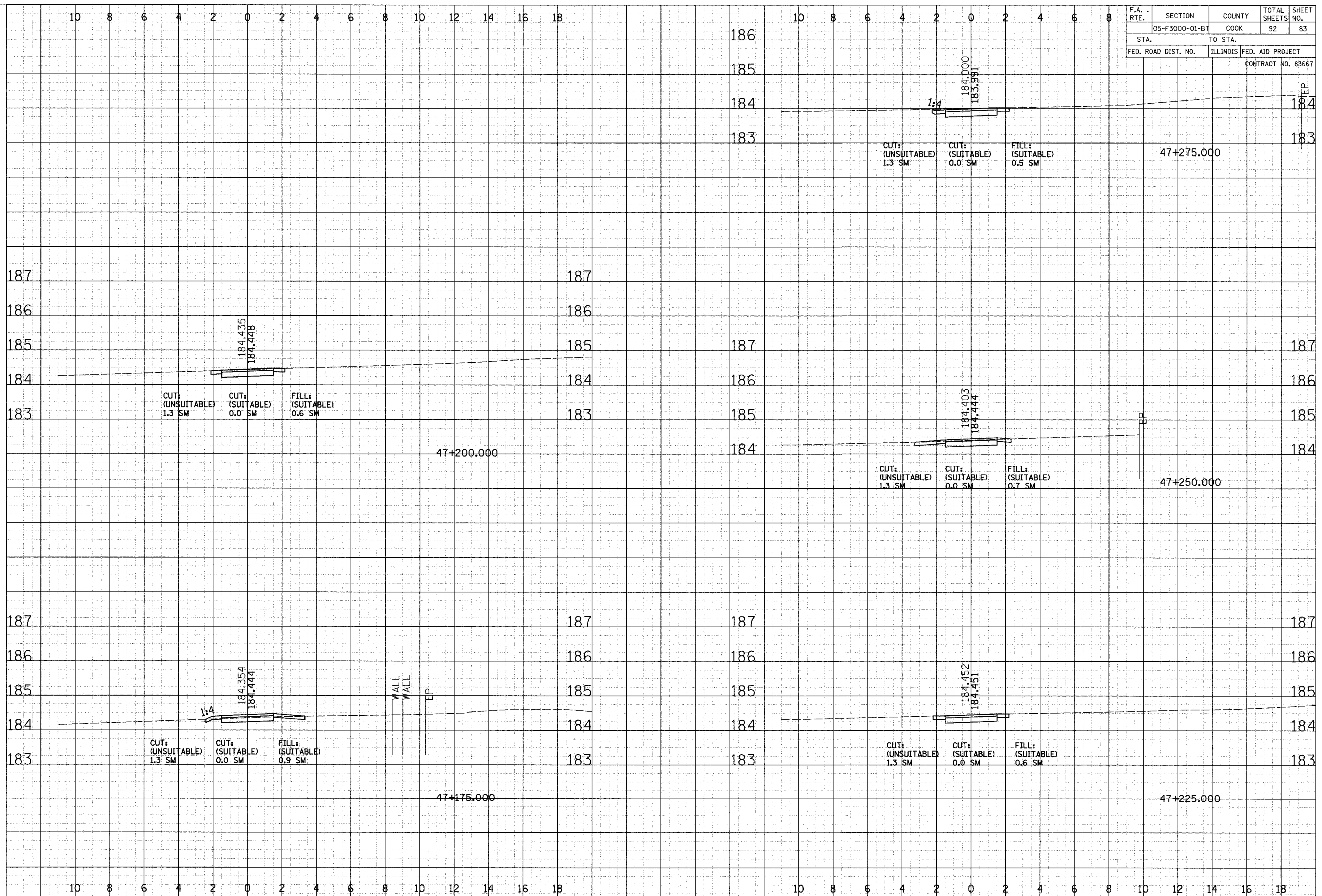


CROSS SECTIONS - LYONS

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 83667		

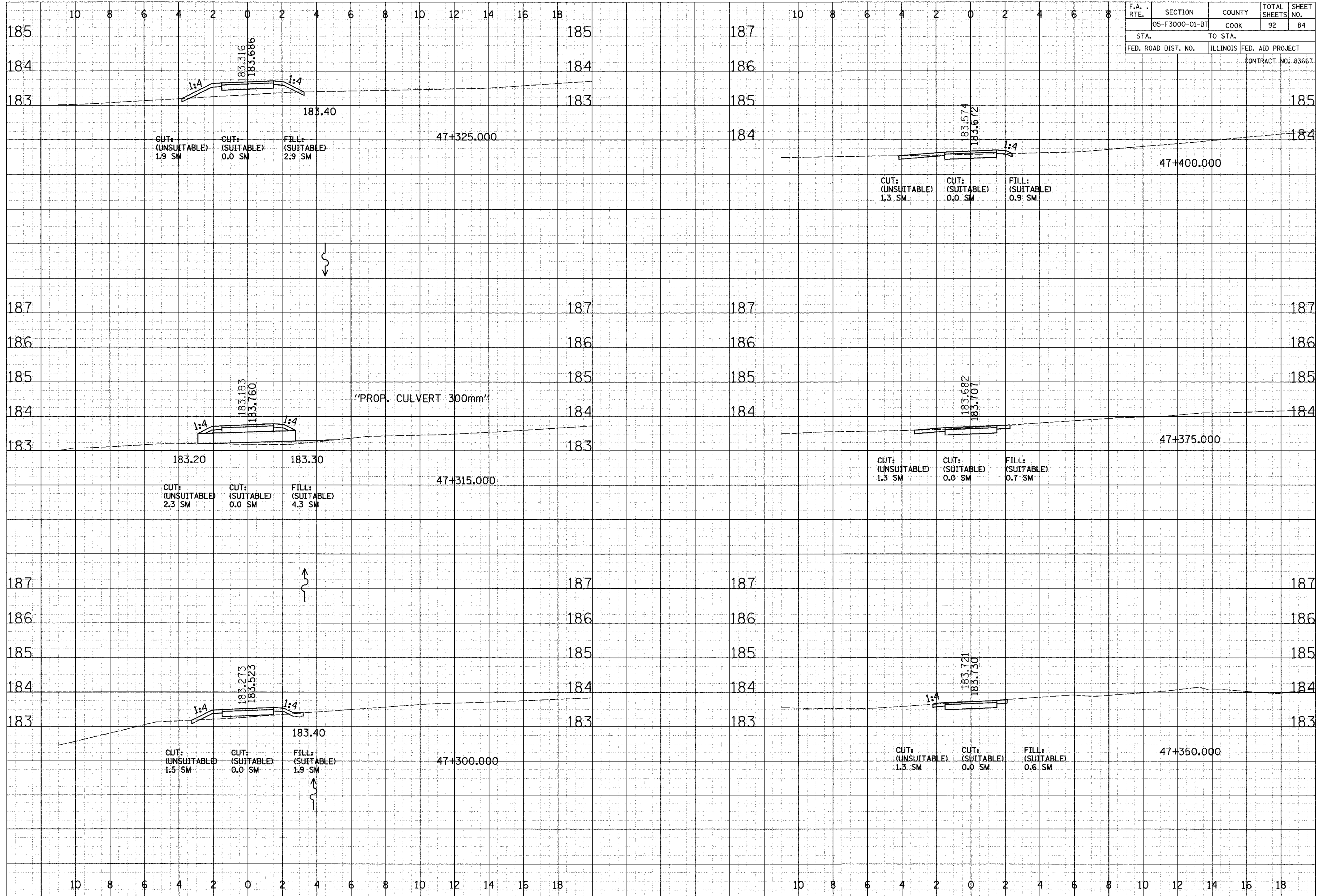


CROSS SECTIONS - LYONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 83667				

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

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

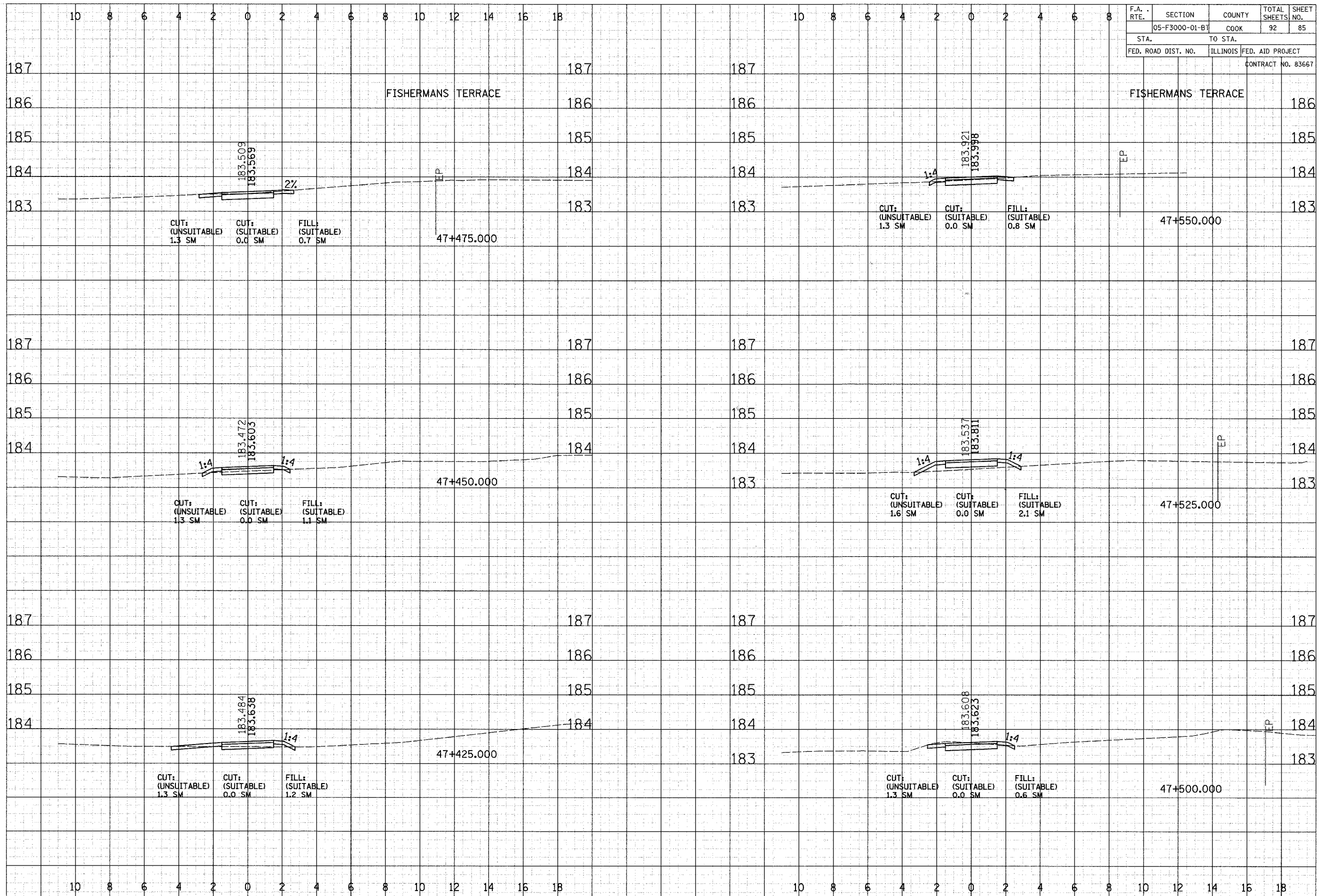


CROSS SECTIONS - LYONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B1	COOK	92	85
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 83667	

DATE	
BY	
REVISIONS	
SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
SURVEY	
NOTE BOOK	
NO.	

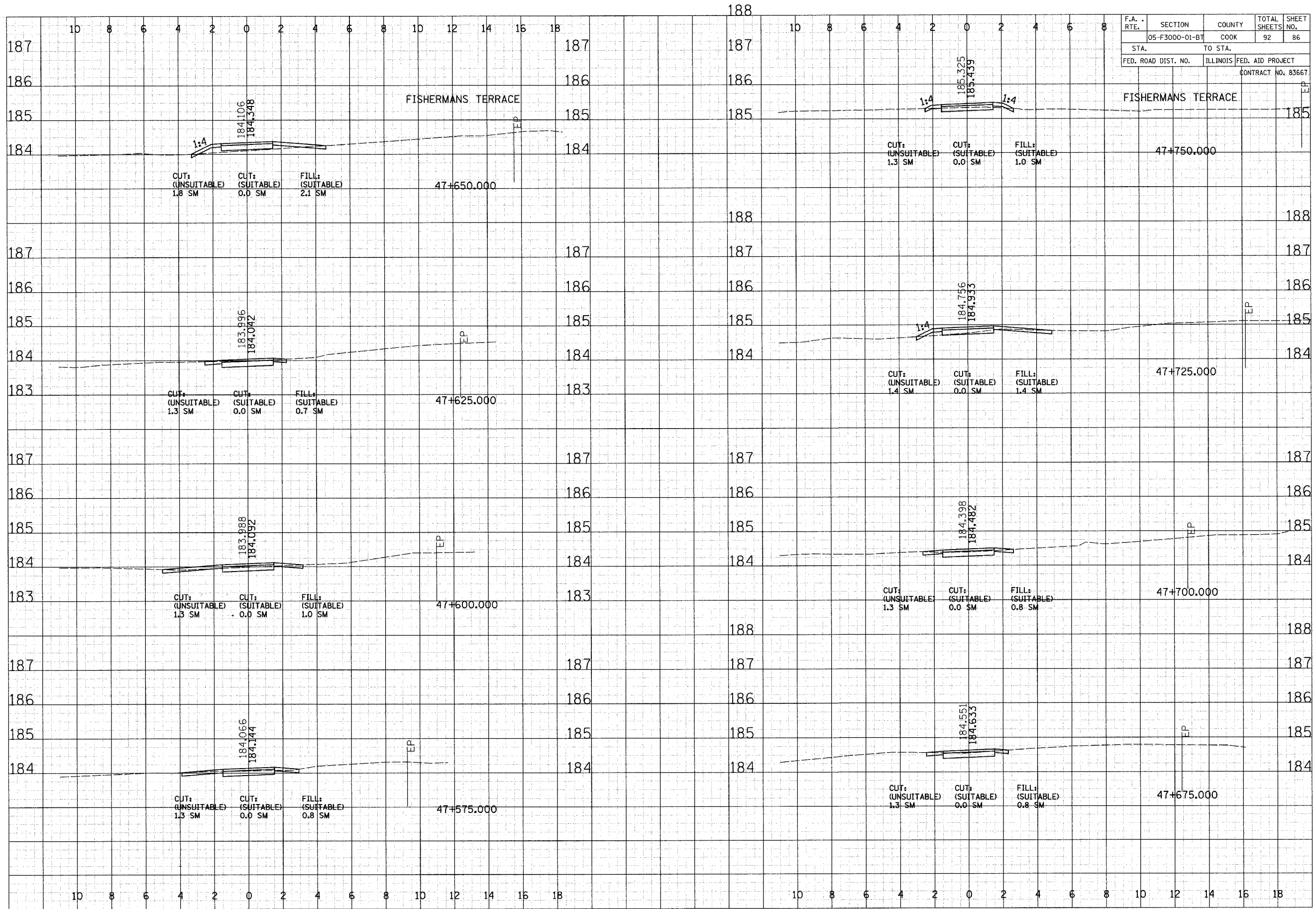


CROSS SECTIONS - LYONS

FINAL SURVEY
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED

ORIGINAL SURVEY
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-B7	COOK	92	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 83667	

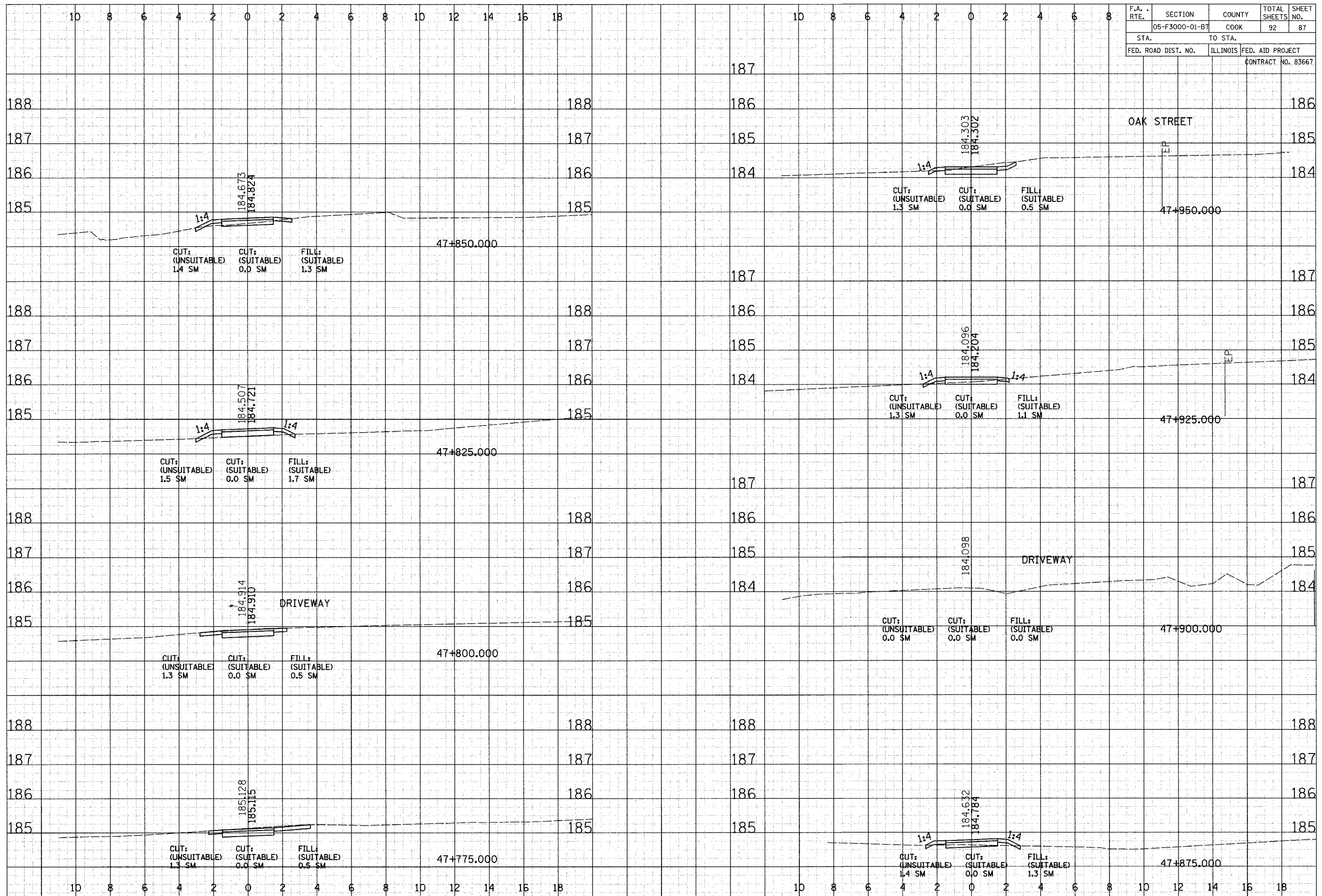


CROSS SECTIONS - LYONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK	COOK	92	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 83667	

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

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

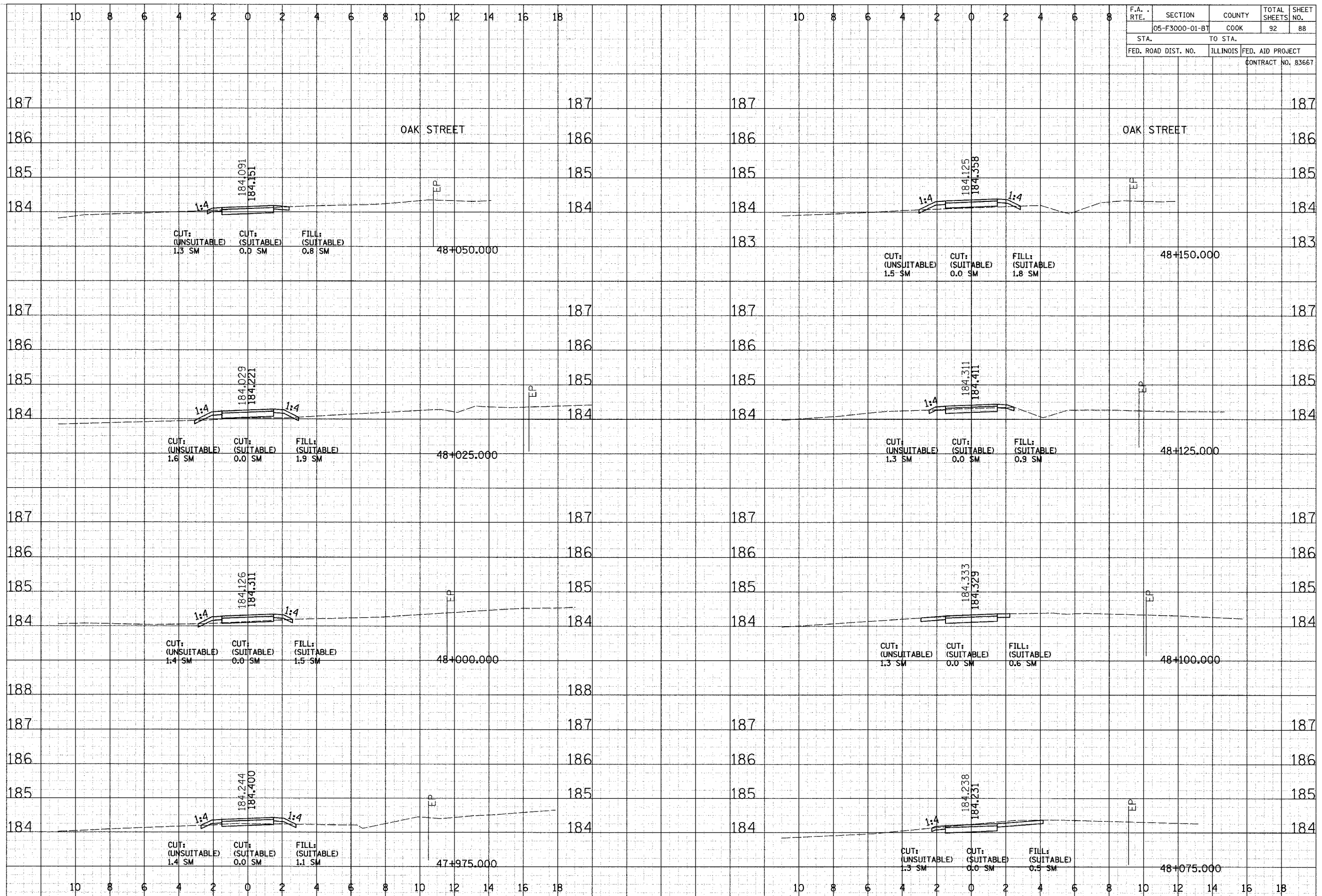


CROSS SECTIONS - LYONS

FINAL SURVEY NOTE BOOK NO. _____
 SURVEYOR'S NAME _____
 DATE _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYOR'S NAME _____
 DATE _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK		92	88
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO. 83667	

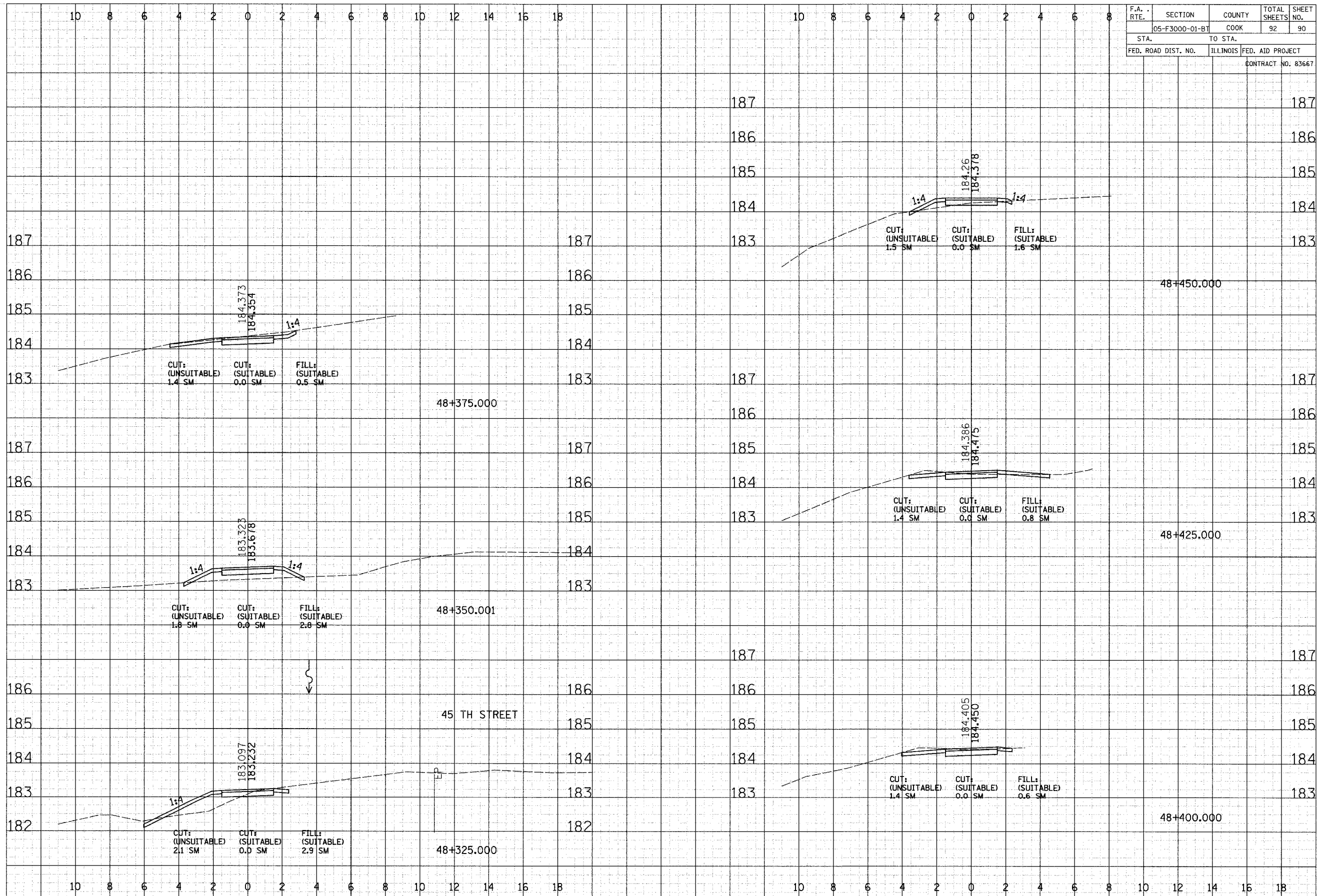


CROSS SECTIONS - LYONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-F3000-01-BT	COOK		92	90
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO. 83667	

DATE	BY
NO.	
AREAS CHECKED	
NOTE BOOK	
TEMP. PLATE	
REPLIATED	
QUANTITIES	
FINAL SURVEY	

DATE	BY
NO.	
AREAS CHECKED	
NOTE BOOK	
TEMP. PLATE	
REPLIATED	
QUANTITIES	
ORIGINAL SURVEY	

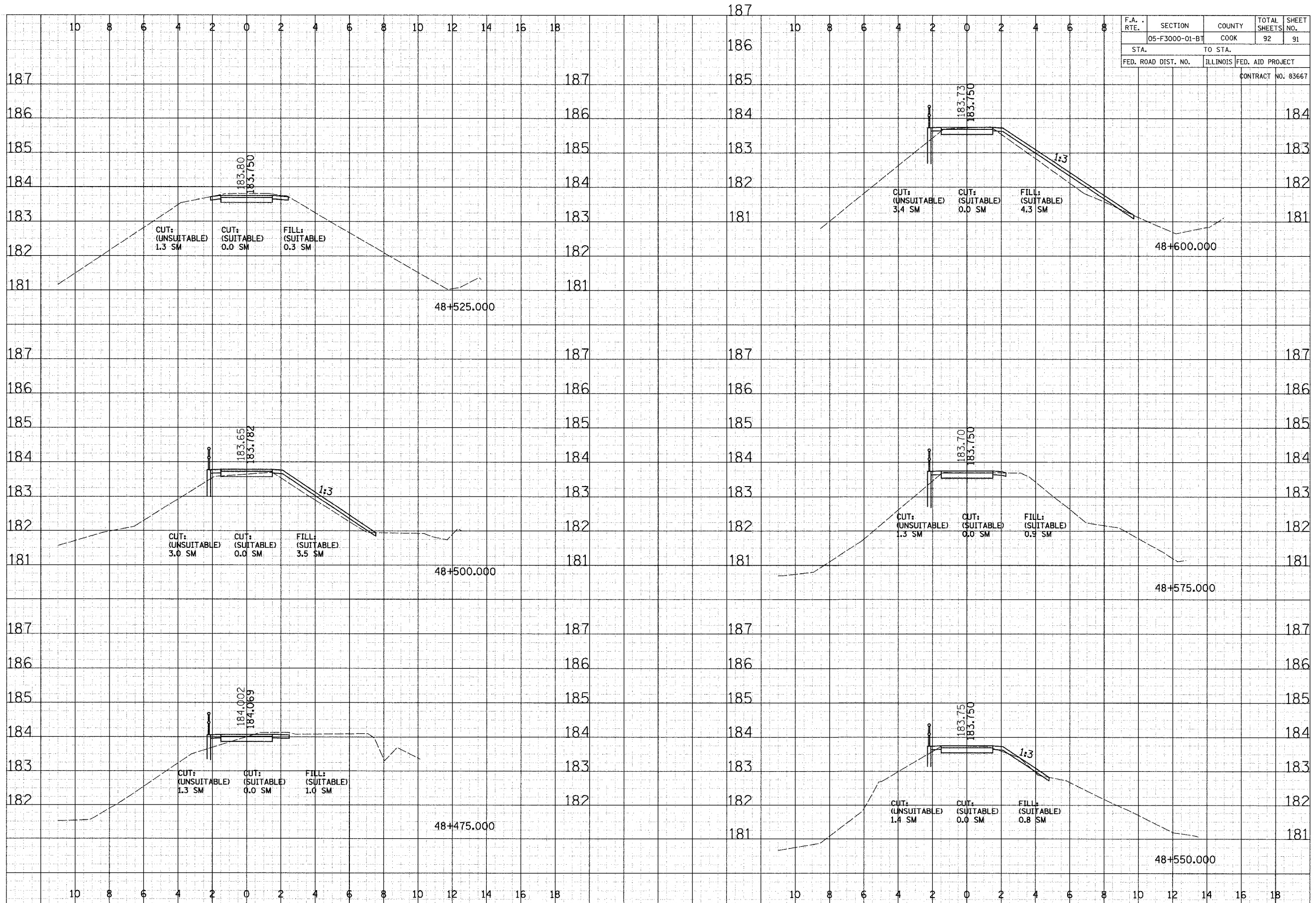


CROSS SECTIONS - LYONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-F3000-01-BT	COOK	92	91
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83667				

DATE: _____
 BY: _____
 ORIGINAL SURVEY NOTE BOOK NO. _____
 REVISIONS PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____

DATE: _____
 BY: _____
 ORIGINAL SURVEY NOTE BOOK NO. _____
 REVISIONS PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____



CROSS SECTIONS - LYONS

