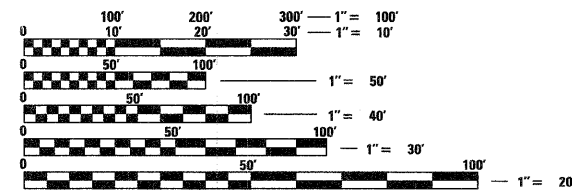
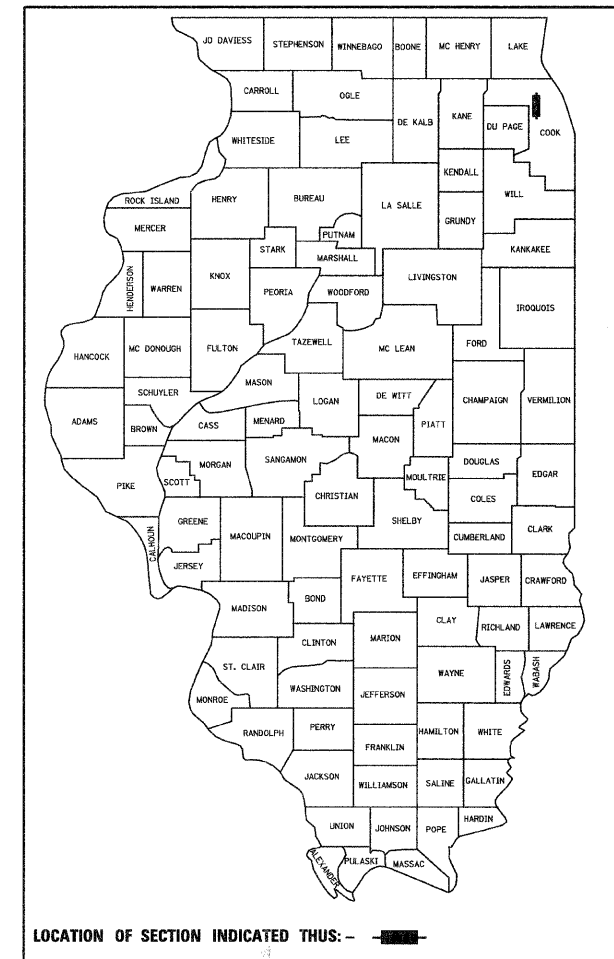


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 63188		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, INDEX OF SHEETS
2-3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6	OVERALL PLAN
7	KEY PLAN/ALIGNMENT & TIES NORTH TRAIL
8	KEY PLAN/ALIGNMENT & TIES SOUTH TRAIL
9-11	TYPICAL SECTIONS
12	SCHEDULE OF QUANTITIES
13	EROSION CONTROL NOTES
14	EROSION CONTROL DETAILS
15-20	EROSION CONTROL PLANS
21-33	PLAN & PROFILE
34-35	ROAD CROSSING DETAILS
36-38	CONSTRUCTION DETAILS
39	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
40	TC-22 DISTRICT ONE ARTERIAL ROAD INFORMATION SIGN
41	BALLARD ROAD TRAFFIC SIGNAL PLAN
42	BALLARD ROAD CABLE PLAN
43	OAKTON STREET SOLAR-POWERED FLASHING BEACON PLAN
44-47	IDOT TRAFFIC SIGNAL DETAILS
48	WAYFINDING AND INFORMATIONAL SIGN PLAN KEY
49-55	WAYFINDING AND INFORMATIONAL SIGN PLANS
56	PLANTING POCKET AND WALL ENHANCEMENT DETAILS
57-60	WAYFINDING AND INFORMATIONAL SIGN DETAILS
61-118	CROSS SECTIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID PROJECT
DES PLAINES RIVER TRAIL IMPROVEMENT
E. GOLF ROAD TO E. BALLARD ROAD
AND
E. ALGONQUIN ROAD TO E. TOUHY AVE.
SECTION NO. 08-00202-00-SW
JOB NO. C-91-125-09
PROJECT NO. CMM-9003(116)
CITY OF DES PLAINES
COOK COUNTY

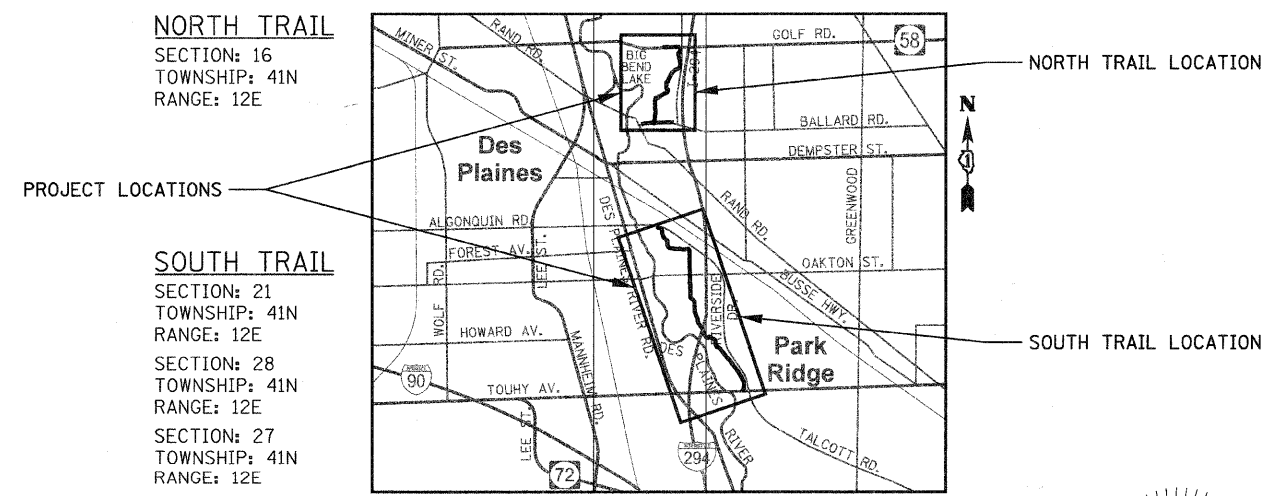


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER
PROJECT MANAGER

CONTRACT NO. 63188

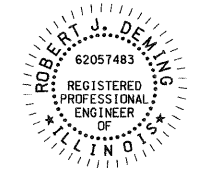


NORTH TRAIL
 SECTION: 16
 TOWNSHIP: 41N
 RANGE: 12E

SOUTH TRAIL
 SECTION: 21
 TOWNSHIP: 41N
 RANGE: 12E
 SECTION: 28
 TOWNSHIP: 41N
 RANGE: 12E
 SECTION: 27
 TOWNSHIP: 41N
 RANGE: 12E

TRAFFIC DATA:
 CLASSIFICATION: MULTI-USE PATH
 DESIGN SPEED = 15 MPH
 ADT = < 100 USERS

PROJECT LENGTH:
 TOTAL TRAIL IMPROVEMENT- 16,385 FT. (3.1 MILES)
 SOUTH TRAIL - 9,815 FT. (1.86 MILE)
 NORTH TRAIL - 6,570 FT. (1.24 MILE)
 MAINLINE - 4,080 FT. (0.77 MILE)
 BALLARD RD. - 1,663 FT. (0.31 MILE)
 GOLF RD. - 827 FT. (0.16 MILE)



REGISTERED P.E. STATE OF ILLINOIS
 EXPIRES 11/30/09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED May 27 2010
[Signature]
 DIRECTOR OF ENGINEERING, CITY OF DES PLAINES

PASSED DECEMBER 3 2009
[Signature]
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW December 4, 2009
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

CIVILTECH 30 N LaSalle St, Suite 2624 - Chicago, Illinois 60602
 Tel: 312.726.5910 - Fax: 312.726.5911
 www.civiltechinc.com

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OF THE STATE OF ILLINOIS

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH, P.E. (847) 705-4169

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD)", THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS"; "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION; THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, SHALL GOVERN ALL WATER AND SEWER MAIN CONSTRUCTION.
- ALL REFERENCES TO STANDARDS IN THE PLAN OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- THE CONTRACTOR WILL NOTIFY THE OWNER AND THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF STARTING ANY CONSTRUCTION.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, ETC. NECESSARY TO PERFORM ALL THE WORK REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS AS INDICATED IN THE CONSTRUCTION DOCUMENTS.
- SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATION REQUIRED THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED ARTICLE 108.07.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
- ALL UTILITY COMPANIES, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 2 DAYS PRIOR TO THE START OF CONSTRUCTION.
- LINE AND GRADE STAKES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS (SERIES 1926) AND WITH APPLICABLE PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS OF THE WILLIAMS STELGER OCCUPATIONAL HEALTH STATE SAFETY ACT OF 1970 (REVISED).
- THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL TRAILS AND ROADWAYS BEFORE CONSTRUCTION BEGINS. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE RATIFICATION OF THE ENGINEER.
- THE CONTRACTOR SHALL KEEP A SET OF "APPROVED" CONSTRUCTION PLANS ON THE JOB SITE, AND SHALL MAINTAIN (AS INDICATED HEREIN AND ELSEWHERE WITHIN THESE CONSTRUCTION NOTES, SPECIFICATIONS, AND PLANS) LEGIBLE RECORD ON SAID PLANS OF ANY FIELD TILE ENCOUNTERED, ANY MODIFICATIONS/ALTERATIONS TO ALIGNMENT AND/OR TO PLANS AND SPECIFICATIONS OF PROPOSED IMPROVEMENTS, ETC. UPON COMPLETION OF THE CONTRACTOR'S WORK, SAID PLANS AND INFORMATION SHALL BE PROVIDED TO THE OWNER. FINAL CONTRACT PAYMENT SHALL NOT COME DUE UNTIL THIS INFORMATION IS RECEIVED BY THE OWNER.
- NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION". PRIOR TO BIDDING AND COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

15. WHENEVER THE PERFORMANCE OF WORK IS INDICATED ON THE PLANS OR CONSTRUCTION DOCUMENTS, AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND/OR ADDITIONAL COMPENSATION WILL NOT BE ALLOWED.

16. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS ARE DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, CULVERTS ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THIS LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY BY THE RESPONSIBLE PARTY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION. BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 AND SECTION 700 OF THE I.D.O.T. STANDARD SPECIFICATIONS. ADEQUATE LIGHTING SHALL BE MAINTAINED FROM DUSK TO DAWN AT ALL LOCATIONS WHERE CONSTRUCTION OPERATIONS WARE, OR AS DESIGNATED BY THE ENGINEER OR OWNERS REPRESENTATIVE. ALL TRAFFIC CONTROL WORK SHALL BE DONE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

GENERAL NOTES (CONT.)

18. ALL EXISTING TRAFFIC SIGNS, STREET SIGNS, ETC., WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED FOR REMOVAL OR DISPOSAL, SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. DAMAGE TO THESE ITEMS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE. ALL SIGNS NOT REQUIRED TO BE RESET SHALL BE DELIVERED TO THEIR OWNER AS APPROPRIATE. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLE 107.20 OF THE I.D.O.T. STANDARD SPECIFICATIONS.

19. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR OTHER ACCEPTABLE METHOD. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

20. IT SHALL BE THE RESPONSIBILITY OF EACH RESPECTIVE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

21. CARE SHALL BE TAKEN BY THE CONTRACTOR TO NOT DAMAGE THE MATERIALS REMAINING DIRECTLY ADJACENT TO THE MATERIAL TO BE REMOVED. ANY DAMAGE TO THE EXISTING MATERIAL RESULTING FROM THE MATERIAL REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

22. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.

23. THE CONTRACTOR SHALL NOT CROSS COMPLETED SURFACE COURSE, EXISTING PAVEMENT, OR BIKE PATH PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH ANY CONSTRUCTION EQUIPMENT THAT MAY CAUSE DAMAGE TO THE SURFACE COURSE OR PAVEMENT. ANY DAMAGE WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER BY THE CONTRACTOR AT HIS OWN EXPENSE.

24. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.

25. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER AND THE ENGINEER AND OTHER APPLICABLE GOVERNMENTAL AGENCIES.

26. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED, AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF DES PLAINES AND THE OWNER (FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCO)) PRIOR TO THE START OF CONSTRUCTION TO REVIEW SHOP DRAWING PROCEDURES, CONSTRUCTION METHODS, PURCHASING, SEQUENCING AND TO ESTABLISH A WELL DEFINED CONSTRUCTION SCHEDULE.

2. THE PROPERTY OWNER (FOREST PRESERVE DISTRICT OF COOK COUNTY) SHALL BE INCLUDED IN ALL FIELD MEETING PRIOR TO CONSTRUCTION AND TREE REMOVAL.

3. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE AND PHASING PLAN TO THE OWNER AND ENGINEER PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE OWNER AND ENGINEER OF ALL CHANGES IN THE CONSTRUCTION SCHEDULE AS SOON AS THEY BECOME APPARENT.

4. THE PROJECT SHALL BE CONSTRUCTED AS SHOWN ON THE CONSTRUCTION PLANS. THE WORK SHALL FOLLOW THE FOLLOWING GENERAL SEQUENCE:
- MOBILIZATION
 - INSTALL EROSION CONTROL AND RESOURCE PROTECTION MEASURES
 - STABILIZED CONSTRUCTION ENTRANCES
 - SILT FENCE
 - TREE PROTECTION, TREE ROOT PRUNING AND CONSTRUCTION FENCING
 - CLEARING & GRUBBING
 - EARTHWORK
 - EXCAVATION & GRADING
 - CULVERT CROSSING (WHERE NEEDED)
 - INSTALL AGGREGATE BASE COURSE(S)
 - PERFORM DENSITY TESTING ON BASE COURSE
 - INSTALL CONCRETE SIDEWALK, CURB AND GUTTER
 - INSTALL AGGREGATE TRAIL SURFACE
 - REMOVE AND INSTALL PAVEMENT MARKINGS
 - BALLARD ROAD TRAFFIC SIGNAL IMPROVEMENT
 - FINE GRADING, SEEDING AND STABILIZATION OF ALL DISTURBED AREAS
 - CLEAN UP AND COMPLETE PHASE
 - PERFORM FINE GRADING/FINAL DRAGGING OF SURFACE COURSE
 - BARRICADE OFF WITH CONSTRUCTION FENCE
 - SIGNAGE
 - BOLLARDS AND FENCING

5. APPROVAL FROM OWNER SHALL BE OBTAINED PRIOR TO PROCEEDING WITH SUBSEQUENT STEPS. THE CONTRACTOR SHALL NOT BE ALLOWED TO BEGIN WORK ON THE NEXT SEQUENCE UNTIL THE PREVIOUS SEQUENCE HAS BEEN FULLY COMPLETED TO THE SATISFACTION OF OWNER AND APPROVED IN WRITING.

6. ANY CHANGES TO SEQUENCING SHALL BE APPROVED IN WRITING BY OWNER.

7. ONCE A PHASE HAS BEEN COMPLETED AND APPROVED BY THE OWNER, THE CONTRACTOR SHALL COMPLETELY BARRICADE OFF THE PHASE WITH 4-FOOT HIGH ORANGE CONSTRUCTION FENCE TO PREVENT CONSTRUCTION TRAFFIC FROM ENTERING THE COMPLETED PHASE.

8. SITE BENCH MARKS ARE SHOWN ON THE CONTRACT PLANS. ANY ADDITIONAL LAYOUT OF LINES AND GRADES OR ANY OTHER SURVEYING REQUIRED TO CONSTRUCT THE PROPOSED IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

9. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AND TREE/CONSTRUCTION FENCING PRIOR TO THE START OF CONSTRUCTION.

10. CONTRACTOR SHALL WORK IN CLEARED CORRIDOR. IF ADDITIONAL CLEARING IS REQUIRED TO CONSTRUCT ANY OF THE PROPOSED IMPROVEMENTS EITHER WITHIN THE CLEARED CORRIDOR OR OUTSIDE THE CLEARED CORRIDOR IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO THE TRAIL AND ROAD CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

CONSTRUCTION NOTES (CONT.)

- THE PROPOSED LINES AND GRADES SHOWN ON THE CONSTRUCTION PLANS REPRESENT FINISHED GRADE ELEVATIONS.
- CONTRACTOR SHALL GRADE SUBGRADE TO LINES AND GRADES SHOWN ON THE CONSTRUCTION PLANS IN ACCORDANCE WITH SPECIFICATIONS AND DETAILS.
- SUBGRADE SHALL BE PREPARED PER SPECIFICATIONS AND COMPACTED TO A MINIMUM OF 95% BASED ON STANDARD PROCTOR IN ACCORDANCE WITH ASTM D-698 AND THE STANDARD SPECIFICATIONS.
- WHEN PROOF ROLLING OF SUBGRADE REVEALS UNSTABLE AREAS OR UNSUITABLE SOIL IS ENCOUNTERED IT SHALL BE UNDERCUT, AND REMOVED AS DIRECTED BY THE SOILS ENGINEER. IF THE SOILS ENGINEER IS REQUIRED TO RETEST AN AREA MORE THAN ONE TIME IT WILL BE AT THE CONTRACTORS EXPENSE.
- GEOTECHNICAL FABRIC AND POROUS GRANULAR EMBANKMENT, SUBGRADE SHALL BE USED IN AREAS DIRECTED BY THE SOIL ENGINEER TO STABILIZE THE SUBGRADE IN ACCORDANCE WITH THE SPECIFICATIONS.
- SUBGRADE SHALL BE APPROVED BY THE OWNER AND SOILS ENGINEER AND SHALL BE SMOOTH, CLEAN OF ALL DEBRIS AND FREE OF RUTS, POT HOLES, ETC. PRIOR TO PLACEMENT OF AGGREGATE BASE COURSE.
- AGGREGATE BASE COURSE AND AGGREGATE SURFACE COURSE (TRAIL ONLY) SHALL BE PLACED WITH A PAVER BOX OR OTHER METHOD APPROVED BY OWNER AND ENGINEER TO ENSURE UNIFORM WIDTH, DEPTH, CROWN, AND FINAL SURFACE SMOOTHNESS.
- AGGREGATE BASE COURSE AND AGGREGATE SURFACE COURSE (TRAIL ONLY) SHALL BE COMPACTED WITH A SMALL ROLLER, HALF THE TRAIL WIDTH AT A TIME (TO PRESERVE THE CROWN) TO A MINIMUM OF 95% STANDARD PROCTOR IN ACCORDANCE WITH THE SPECIFICATIONS. ANY PORTION OF THE TRAIL WITHOUT THE SPECIFIED CROWN WILL NOT BE ACCEPTED BY THE OWNER.
- AGGREGATE BASE COURSE SHALL BE APPROVED BY OWNER AND SOILS ENGINEER AND SHALL BE SMOOTH, CLEAN OF ALL DEBRIS AND FREE OF RUTS, POT HOLES, ETC. PRIOR TO PLACEMENT OF AGGREGATE SURFACE OR CONCRETE.
- AGGREGATE SURFACE COURSE (TRAIL ONLY) SHALL BE FA-21 IN ACCORDANCE WITH SPECIFICATIONS. LIMESTONE SCREENINGS ARE NOT ACCEPTABLE. SCREENINGS SHALL CONSIST OF 100% CRUSHED MATERIAL. SAMPLES OF THE SPECIFIED MATERIAL SHALL BE SUBMITTED TO OWNER FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
- AGGREGATE SURFACE COURSE (TRAIL ONLY) SHALL BE PLACED WITH A PAVER BOX OR OTHER METHOD APPROVED BY OWNER AND ENGINEER TO ENSURE UNIFORM WIDTH, DEPTH, CROWN AND FINAL SURFACE SMOOTHNESS.
- AGGREGATE SURFACE COURSE (TRAIL ONLY) SHALL BE COMPACTED WITH A SMALL ROLLER, HALF THE TRAILWIDTH AT A TIME (TO PRESERVE THE CROWN) TO A MINIMUM OF 95% STANDARD PROCTOR IN ACCORDANCE WITH THE SPECIFICATIONS. ANY PORTION OF THE TRAIL WITHOUT THE SPECIFIED CROWN WILL NOT BE ACCEPTED BY THE OWNER.
- STREETS ADJACENT TO THE SITE SHALL BE KEPT FREE OF DIRT, MUD AND DEBRIS THROUGH THE USE OF RUBBER TIRE TRACTORS OR STREET SWEEPERS.

24. CONCRETE TRUCK WASHOUT SHALL NOT BE DISCHARGED INTO THE SURROUNDING AREAS. THE WASHOUT SHALL BE COLLECTED ON SITE AND DISPOSED OF AT AN APPROVED LOCATION (i.e. BACK AT THE PLANT).

25. CONCRETE TRUCK WASHOUT LOCATIONS SHALL BE IDENTIFIED BY THE CONTRACTOR AT THE PRECONSTRUCTION MEETING FOR THE APPROVAL OF THE ENGINEER AND CITY OF DES PLAINES.

26. THE CONTRACTOR WILL HAVE TO OBTAIN A COOK COUNTY HIGHWAY DEPARTMENT PERMIT TO PERFORM THE WORK ALONG BENDER ROAD (S. EAST RIVER ROAD) WITHIN THE COUNTY RIGHT-OF-WAY. THIS PERMIT SHALL BE INCIDENTAL TO THE CONTRACT.

FILE NAME =	USER NAME = rjd	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILES#	PLOT SCALE = 500.0000' / IN.	DRAWN - ARA	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	08-00202-00-SW	COOK	118	2
	PLOT DATE = 10/13/2009	CHECKED - MJF	REVISED -		CONTRACT NO. 63168							
		DATE - 5/28/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: CMM-9003(116)							

63168

SIGNING, STRIPING & LANDSCAPING

- ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC ON ASPHALT AND PREFORMED PLASTIC ON CONCRETE.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED OR SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO THE LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE OF THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- REMOVAL OF SURPLUS STOCKPILES NOT USED SHALL BE INCIDENTAL TO THE EARTH EXCAVATION AND WILL NOT BE PAID FOR TWICE.
- THE OWNER EXPECTS THAT A SIGNIFICANT AMOUNT OF HANDWORK WILL BE REQUIRED TO ENSURE A CLEAN SMOOTH HORIZONTAL TRAIL EDGE AND SMOOTH TRANSITION IS ACHIEVED BETWEEN THE EDGE OF THE TRAIL AND GRASSED AREAS. HIGH AREAS ALONG THE EDGE OF THE TRAIL THAT BLOCK FLOW OFF THE TRAIL OR OVERSPILL OF TOPSOIL OR SURFACE MATERIAL WILL NOT BE TOLERATED.
- ALL DISTURBED GROUND WITHIN THE STATE, COUNTY AND CITY RIGHT-OF-WAY SHALL BE RESTORED WITH 4" OF TOPSOIL AND SEEDING.
- AREAS TO BE SEEDED SHALL BE FIRM BUT NOT COMPACTED AND SHALL BE FINE GRADED TO A SMOOTH AND NATURAL CONTOUR PRIOR TO SEEDING. ALL ROCKS, STICKS, ROOTS, CLODS, AND DEBRIS GREATER THAN ONE INCH IN DIAMETER SHALL BE REMOVED AND DISPOSED OF OFF-SITE.
- A STARTER FERTILIZER OF 6-24-24 ANALYSIS SHALL BE APPLIED AND WORKED INTO SOIL PRIOR TO SEEDING OR SODDING. FERTILIZER SHALL BE SPREAD UNIFORMLY AT A RATE OF 20 POUNDS PER 1000 SQUARE FEET.
- DITCHING SHALL BE CONSTRUCTED AT LOCATIONS, LINES AND GRADES SHOWN ON CONSTRUCTION PLANS OR AT THE LOCATIONS DETERMINED BY THE ENGINEER. EROSION CONTROL BLANKET SHALL BE INSTALLED ON BOTTOM OF ALL PROPOSED DITCHES, AND ON ALL SLOPES STEEPER THAN 3 FEET HORIZONTAL TO 1 FOOT VERTICAL.
- TREE QUANTITIES HAVE BEEN ADDED TO THIS PROJECT TO REPLACE THE TREE REMOVALS. FPCC WILL WORK WITH THE CONTRACTOR TO IDENTIFY PLANTING LOCATIONS.
- TREES SHALL BE INSTALLED, STAKED AND PROTECTED PER ARTICLE 253 OF THE IDOT STANDARD SPECIFICATIONS.

TREE REMOVAL, CLEARING, AND GRUBBING

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201 OF THE "STANDARD SPECIFICATIONS."
- ALL CLEARING AND REMOVAL OF BUSHES, STUMPS AND TREES UNDER 6" IN DIAMETER SHALL BE PAID FOR UNDER THE CONTRACT ITEM "CLEARING."
- PRIOR TO TREE REMOVAL, TREES FOR REMOVAL SHALL BE TAGGED AND THE PROPERTY OWNER (FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)) SHALL BE CONTACTED FOR APPROVAL.
- ANY TREE REMOVAL OR CLEARING SHALL BE PERFORMED BY A CERTIFIED ARBORIST.
- CLEARING AND GRUBBING SHALL BE DONE 20' EACH SIDE FROM THE EDGE OF THE TRAIL.
- WHERE OVERHANGING BRANCHES INTERFERE WITH OPERATIONS, SAID BRANCHES SHALL BE TRIMMED AND SEALED IN ACCORDANCE WITH SECTION 201 OF THE I.D.O.T. STANDARD SPECIFICATIONS AND THE COST OF SAME SHALL BE INCIDENTAL TO THE CONTRACT. TREES SHALL BE REMOVED ONLY AFTER RECEIVING APPROVAL OF THE OWNER. THE CONTRACTOR SHALL ALTER THE ALIGNMENT OF THE PROJECT IMPROVEMENTS AS DIRECTED TO PRESERVE TREES. A CONTRACTOR REMOVING TREES WITHOUT OWNER'S APPROVAL WILL BE RESPONSIBLE FOR REPLACEMENT OF SAID TREE(S) AS DIRECTED BY OWNER AT CONTRACTOR'S EXPENSE.
- FINAL RESTORATION, GRADING, TOPSOIL PLACEMENT, SEEDING, TRAIL EDGE WORK AND OTHER LANDSCAPING ITEMS SHALL BE PERFORMED BY A CERTIFIED LANDSCAPE CONTRACTOR THAT HAS BEEN APPROVED BY OWNER.

UTILITIES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811, FOREST PRESERVE DISTRICT OF COOK COUNTY, AND CITY OF DES PLAINES FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES INCLUDED IN THE "STANDARD SPECIFICATIONS" INCLUDING, BUT NOT LIMITED TO, 105.07 AND 107.31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS."
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE SEWER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.

4. THE CONTRACTOR SHALL MAINTAIN FLOWS THROUGH EXISTING SEWER SYSTEMS AT ALL TIMES. THE EXISTING STRUCTURES ARE TO BE INSPECTED BEFORE CONSTRUCTION STARTS. ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.

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

6. ALL EXISTING DRAINAGE FACILITIES, HEADWALLS AND FENCES NO LONGER REQUIRED, IN THE OPINION OF THE ENGINEER, SHALL BE REMOVED. THE COST OF REMOVAL OF EXISTING PIPE CULVERTS, STORM SEWERS, DRAINAGE STRUCTURES, CONCRETE HEADWALLS, FENCING OR OTHER OBSTRUCTIONS WHICH INTERFERE WITH THE PROPOSED IMPROVEMENTS AND WHICH ARE NOT SHOWN TO BE REMOVED AS A SEPARATE PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ANY OF THESE MATERIALS CONSIDERED SUITABLE FOR SALVAGE BY THE ENGINEER SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE CITY OF DES PLAINES. UNUSABLE MATERIALS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. TRENCH BACKFILL AND/OR AGGREGATE BASE COURSE TYPE A WILL BE PAID FOR WHEN THE WORK LIES UNDER EXISTING PAVEMENT AREAS.

7. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

8. ELECTRIC, TELEPHONE, NATURAL GAS, AND OTHER UTILITY COMPANIES HAVE UNDERGROUND AND/OR OVERHEAD SERVICE FACILITIES IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800)892-0123 FOR UTILITY LOCATIONS. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.

LIST OF STATE STANDARDS

NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602401-02	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY FOR SPEEDS > 45 MPH TO 55 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS GENERAL NOTES	SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DI-2173-ahf-gennote.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN - ARA	REVISED -							08-00202-00-SW	COOK	118	3	
	PLOT DATE = 11/9/2009	CHECKED - MJF	REVISED -							CONTRACT NO. 63168				
		DATE - 5/28/09	REVISED -							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)				

SUMMARY OF QUANTITIES

#	Coded Pay Item Number	Pay Item	Unit	ESTIMATED QUANTITIES	CONSTRUCTION TYPE CODE		
					Y047	Y007	Y031-IF
* 1	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALL AND BURLAPPED	EACH	7	7		
* 2	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALL AND BURLAPPED	EACH	7	7		
* 3	A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALL AND BURLAPPED	EACH	7	7		
* 4	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALL AND BURLAPPED	EACH	7	7		
* 5	A2002716	TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALL AND BURLAPPED	EACH	7	7		
6	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	417	417		
7	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	175	175		
8	20101200	TREE ROOT PRUNING	EACH	375	375		
9	20101100	TREE TRUNK PROTECTION	EACH	375	375		
10	20200100	EARTH EXCAVATION	CU YD	5,840	5,840		
11	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	60	60		
12	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	60	60		
13	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	16,690	16,690		
* 14	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	13,310	13,310		
* 15	21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	190	190		
* 16	25000200	SEEDING, CLASS 2	ACRE	1.25	1.25		
* 17	25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25		
* 18	25000312	SEEDING, CLASS 4A	ACRE	1.25	1.25		
* 19	25000350	SEEDING, CLASS 7	ACRE	2.75	2.75		
* 20	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	250	250		
* 21	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	250	250		
* 22	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	250	250		
* 23	25100115	MULCH, METHOD 2	ACRE	2.75	2.75		
* 24	25100630	EROSION CONTROL BLANKET	SQ YD	13,310	13,310		
* 25	25100900	TURF REINFORCEMENT MAT	SQ YD	570	570		
26	25200200	SUPPLEMENTAL WATERING	UNIT	22	22		
* 27	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	275	275		
28	28000305	TEMPORARY DITCH CHECKS	FOOT	560	560		
29	28000400	PERIMETER EROSION BARRIER	FOOT	11,350	11,350		
30	28000510	INLET FILTERS	EACH	11	11		
31	31101400	SUB-BASE GRANULAR MATERIAL, TYPE B, 6"	SQ YD	175	175		
32	35100400	AGGREGATE BASE COURSE, TYPE A, 5"	SQ YD	16,525	16,525		
33	42001300	PROTECTIVE COAT	SQ YD	175	175		
34	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,550	1,550		
35	42400800	DETECTABLE WARNINGS	SQ FT	196	196		
36	44000100	PAVEMENT REMOVAL	SQ YD	20	20		
37	44000600	SIDEWALK REMOVAL	SQ FT	1,000	1,000		
38	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	100	100		
39	50901760	PIPE HANDRAIL	FOOT	450	450		
40	50901765	PIPE HANDRAIL, SPECIAL	FOOT	348	348		

* INDICATES SPECIALTY ITEM

#	Coded Pay Item Number	Pay Item	Unit	ESTIMATED QUANTITIES	CONSTRUCTION TYPE CODE		
					Y047	Y007	Y031-IF
41	60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1		
42	60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1		
43	60255500	MANHOLES TO BE ADJUSTED	EACH	2	2		
44	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7		
45	67100100	MOBILIZATION	L SUM	1	1		
46	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
47	72000100	SIGN PANEL - TYPE 1	SQ FT	102	102		
48	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	208	208		
49	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	40	40		
* 50	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	50	50		
* 51	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	50	50		
* 52	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	700	700		
* 53	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	70	70		
54	78300100	PAVEMENT MARKING REMOVAL	SQ FT	140	140		
* 55	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	5			5
* 56	81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	21			21
* 57	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	5			5
* 58	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1
* 59	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	184			184
* 60	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	196			196
* 61	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2			2
* 62	87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	4			4
* 63	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8			8
* 64	87900200	DRILL EXISTING HANDHOLE	EACH	2			2
* 65	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2			2
* 66	88600100	DETECTOR LOOP, TYPE I	FOOT	59			59
* 67	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			2
* 68	89502200	MODIFY EXISTING CONTROLLER	EACH	1			1
69	X0301852	DEWATERING STRUCTURE NO. 1	EACH	3	3		
70	X0320139	TEMPORARY CONSTRUCTION FENCE	FOOT	15,550	15,550		
71	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	103	103		
72	X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	625	625		
73	X0325789	INTERPRETIVE SIGNAGE COMPLETE	EACH	5	5		
74	X0350810	BOLLARD REMOVAL	EACH	18	18		
75	X0350805	FOLD DOWN BOLLARDS	EACH	10	10		
76	X0426200	DEWATERING	L SUM	1	1		
77	X0974300	SIGN REMOVAL	EACH	8	8		
78	X4023000	TEMPORARY ACCESS (ROAD)	EACH	8	8		
79	XX000503	SPLIT RAIL FENCE	FOOT	120	120		
80	XX000613	MODULAR BLOCK RETAINING WALL	SQ FT	1,125	1,125		

* INDICATES SPECIALTY ITEM

FILE NAME = DI-2173-shr-summary.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS SUMMARY OF QUANTITIES	F.A. RTE.	SECTION 08-00202-00-SW	COUNTY COOK	TOTAL SHEETS 118	TOTAL SHEET NO. 4
	PLOT SCALE = 50.0000' / IN.	CHECKED - MJF	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 63160	
	PLOT DATE = 11/13/2009	DATE - 5/28/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)					

63188

SUMMARY OF QUANTITIES

#	Coded Pay Item Number	Pay Item	Unit	ESTIMATED QUANTITIES	CONSTRUCTION TYPE CODE		
					Y047	Y007	Y031-1F
81	XX001290	CONCRETE BOLLARDS	EACH	19	19		
82	XX006083	RELOCATE SIGN, SPECIAL	EACH	10	10		
*	83	XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2		2
	84	XX006983	CLEARING	ACRE	14.00	14.00	
	85	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
△	86	Z0076600	TRAINEES	HOUR	500	500	
	87	Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	830	830	
	88	XX008310	AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)	SQ YD	16,820	16,820	
	89	XX008267	PIPE CULVERTS, SPECIAL	FOOT	60	60	
*	90	XX008311	PRIMARY SIGN COMPLETE (VEHICULAR)	EACH	5	5	
*	91	XX008312	SECONDARY SIGN COMPLETE (FPDCC)	EACH	2	2	
*	92	XX008313	WAYFINDING SIGN - STREET COMPLETE	EACH	10	10	
*	93	XX008314	WAYFINDING SIGN - TRAIL COMPLETE	EACH	3	3	
*	94	XX008315	SECONDARY SIGN REMOVE, SALVAGE, RELOCATE	EACH	1	1	
*	95	XX008316	SECONDARY SIGN PANEL INSTALLED ON SALVAGED SIGN	EACH	1	1	
*	96	XX008317	SECONDARY SIGN PANEL PROVIDED, NOT INSTALLED	EACH	4	4	
*	97	XX008326	INTERPRETIVE SIGN PANEL	EACH	2	2	
*	98	XX008318	CONFIDENCE MARKERS COMPLETE	EACH	30	30	
	99	XX008319	GRANITE COBBLES 1"-3" DIA	TON	116	116	
	100	XX008320	CONCRETE FINISH - SPECIALTY	SF	1,447	1,447	
	101	XX008321	CONCRETE FINISH - SPECIALTY SANDBLAST	SF	440	440	
*	102	XX008322	CAREX COMOSA 1 GAL	EACH	592	592	
*	103	XX008323	IRIS VERSICOLOR 'GERALD DARBY' 1 GAL	EACH	582	582	
*	104	XX008324	SCIRPUS PUNGENS 1 GAL	EACH	327	327	
*	105	XX008325	SPARTINA PECTINATA 1 GAL	EACH	327	327	

* INDICATES SPECIALTY ITEM

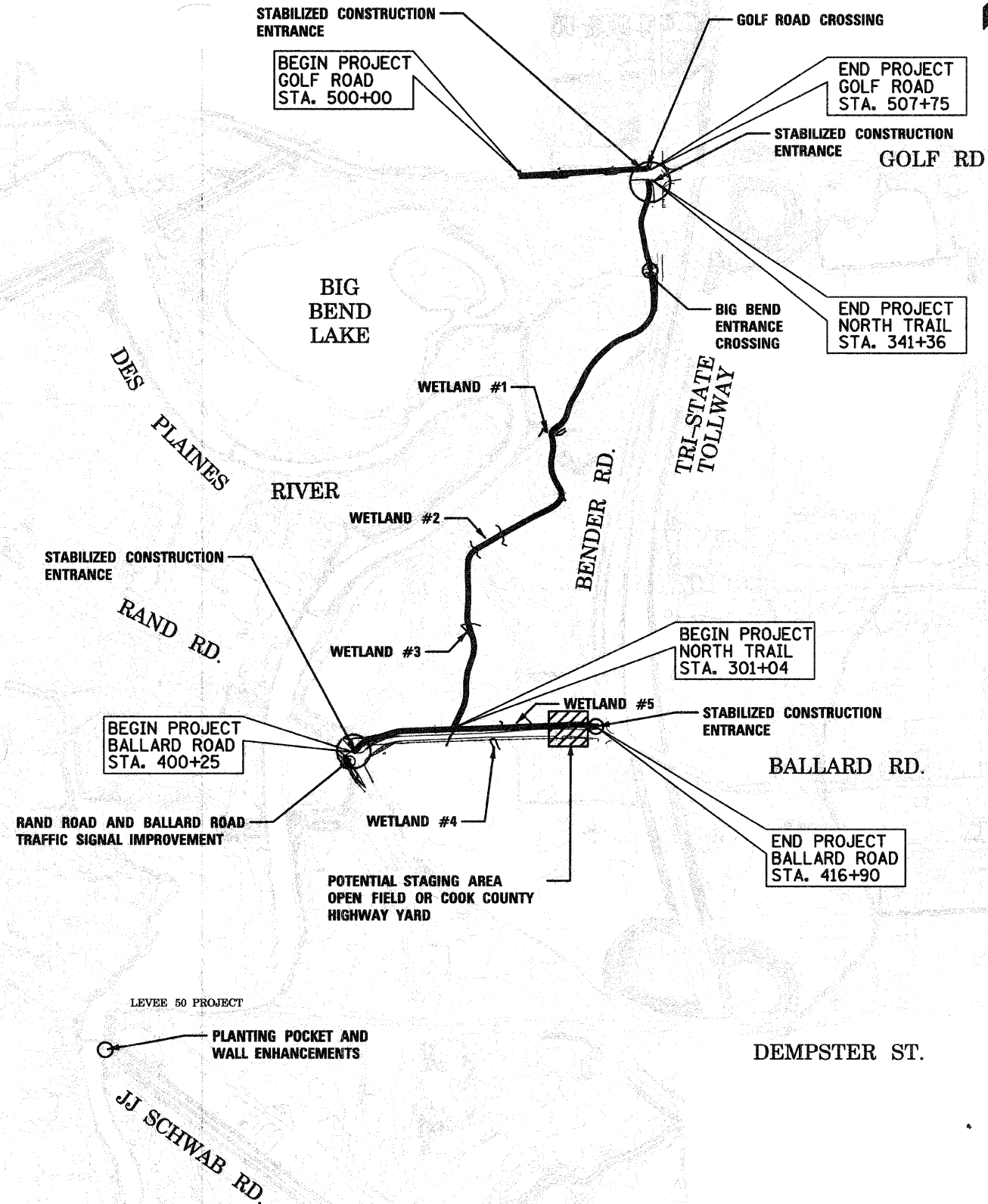
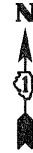
△ Y080

FILE NAME =	USER NAME = rjd	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILES		DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	5	
	PLOT SCALE = 50,0000' / IN.	CHECKED - MJF	REVISED -			CONTRACT NO. 63168				
	PLOT DATE = 10/13/2009	DATE - 5/28/09	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)	

63188

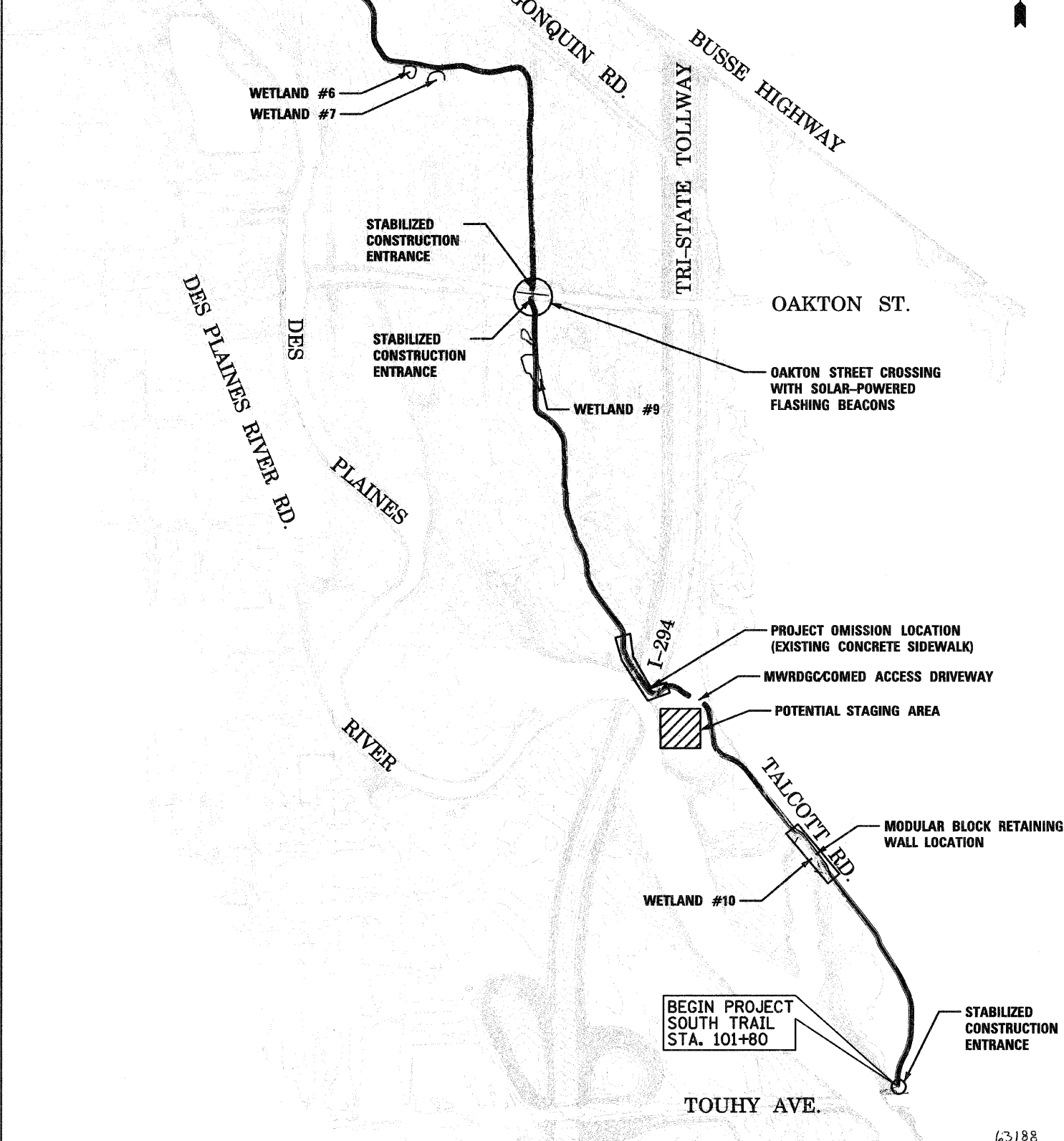
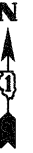
NORTH TRAIL / BALLARD ROAD/ GOLF ROAD

NOTE:
STAGING AREAS AND STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER, CITY OF DES PLAINES, FOREST PRESERVE DISTRICT OF COOK COUNTY, OR BY THE OWNER.



SOUTH TRAIL

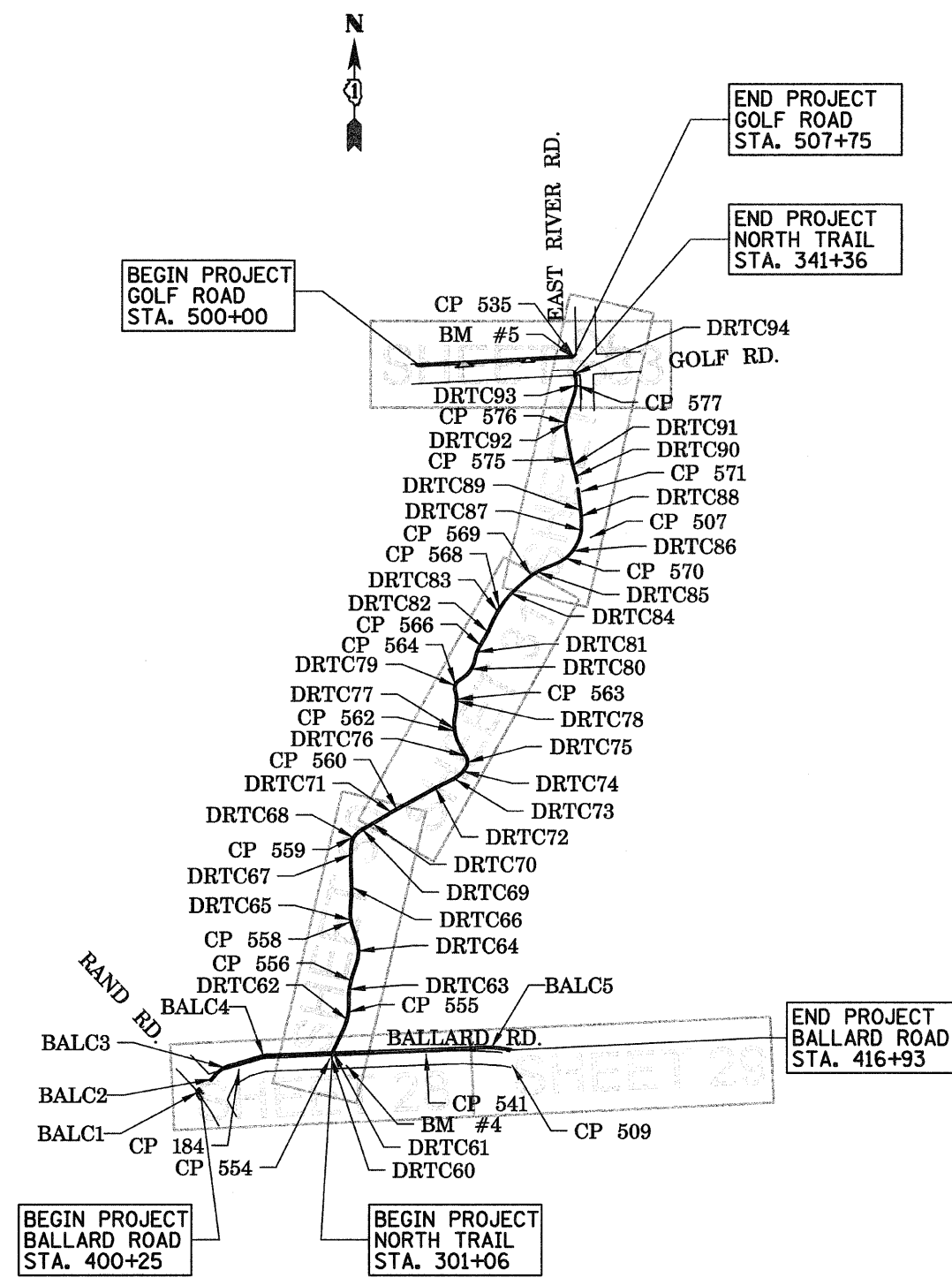
NOTE:
STAGING AREAS AND STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER, CITY OF DES PLAINES, FOREST PRESERVE DISTRICT OF COOK COUNTY, OR BY THE OWNER.



FILE NAME = 01-2173-sht-overall plan.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS OVERALL PLAN - NORTH AND SOUTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 425.0000' / IN.	DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	6	
	PLOT DATE = 10/13/2009	CHECKED - MJF	REVISED -			CONTRACT NO. 63106				
		DATE - 5/28/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)				

63188

SCALE: 1" = 400' SHEET NO. 1 OF 1 SHEETS STA. TO STA.



NORTH TRAIL HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
BOA	300+00.00	1958923.076	1108838.538	
PC	300+67.84	1958983.552	1108869.269	
DRTC60 PI	300+75.67	1958990.852	1108872.100	100 ft
PRC	300+83.46	1958998.504	1108873.761	
DRTC61 PI	301+01.20	1959015.842	1108877.477	150 ft
PT	301+18.76	1959031.836	1108885.133	
PC	302+25.10	1959127.752	1108931.046	
DRTC62 PI	302+87.82	1959184.323	1108958.126	275 ft
PT	303+48.43	1959247.040	1108958.000	
PC	303+85.05	1959283.657	1108957.926	
DRTC63 PI	304+42.93	1959341.541	1108957.810	350 ft
PT	304+99.78	1959396.381	1108976.337	
PC	305+59.68	1959453.134	1108995.509	
DRTC64 PI	306+30.69	1959520.410	1109018.238	210 ft
PT	306+96.63	1959587.674	1108995.471	
PC	307+48.04	1959636.369	1108978.989	
DRTC65 PI	307+97.39	1959682.483	1108961.430	210 ft
PT	308+44.97	1959731.591	1108966.246	
PC	308+94.49	1959781.014	1108969.231	
DRTC66 PI	309+42.44	1959828.884	1108972.122	1,020 ft
PT	309+90.33	1959876.814	1108970.509	
PC	310+51.73	1959938.177	1108968.443	
DRTC67 PI	311+02.00	1959988.417	1108966.752	1,100 ft
PCC	311+52.19	1960038.603	1108969.650	
DRTC68 PI	312+07.30	1960093.711	1108970.104	100 ft
PCC	312+52.93	1960122.759	1109016.937	
DRTC69 PI	312+64.32	1960129.232	1109026.305	250 ft
PT	312+75.69	1960134.826	1109036.222	
PC	313+17.90	1960155.563	1109072.983	
DRTC70 PI	313+22.34	1960157.749	1109076.859	300 ft
PT	313+26.79	1960160.049	1109080.668	
PC	314+26.24	1960211.457	1109165.798	
DRTC71 PI	314+32.03	1960214.450	1109170.755	300 ft
PT	314+37.82	1960217.250	1109175.824	
PC	316+75.87	1960332.347	1109384.193	
DRTC72 PI	316+84.50	1960336.521	1109391.750	300 ft
PT	316+93.13	1960340.254	1109399.535	
PC	317+63.41	1960370.642	1109462.906	
DRTC73 PI	317+87.13	1960380.899	1109484.298	285 ft
PCC	318+10.75	1960394.552	1109503.699	
DRTC74 PI	318+43.06	1960413.148	1109530.124	135 ft
PCC	318+74.18	1960441.693	1109545.266	
DRTC75 PI	318+98.69	1960463.360	1109556.754	50 ft
PCC	319+19.77	1960485.695	1109546.667	
DRTC76 PI	319+30.82	1960495.772	1109542.119	220 ft
PT	319+41.86	1960505.342	1109536.582	
PC	319+85.59	1960543.196	1109514.684	
DRTC77 PI	320+65.68	1960612.521	1109474.580	225 ft
PT	321+39.48	1960691.594	1109487.299	
PC	321+85.61	1960737.139	1109494.624	
DRTC78 PI	322+18.62	1960769.933	1109499.899	180 ft
PT	322+51.30	1960802.449	1109493.122	
PC	322+77.26	1960827.865	1109487.826	
DRTC79 PI	323+03.14	1960853.200	1109482.545	40 ft
PT	323+23.20	1960868.399	1109503.490	
PC	323+58.17	1960888.942	1109531.797	
DRTC80 PI	324+08.54	1960918.523	1109572.559	140 ft
PT	324+54.87	1960967.292	1109585.134	
PC	324+82.12	1960993.680	1109591.939	
DRTC81 PI	325+09.34	1961020.041	1109598.736	200 ft
PT	325+36.23	1961043.626	1109612.332	
PC	326+00.44	1961099.250	1109644.396	
DRTC82 PI	326+24.18	1961119.818	1109656.253	500 ft
PT	326+47.88	1961141.418	1109666.108	
PC	326+85.77	1961175.886	1109681.833	
DRTC83 PI	327+30.74	1961216.802	1109700.484	500 ft
PCC	327+75.46	1961253.734	1109726.136	
DRTC84 PI	328+27.46	1961296.431	1109755.813	450 ft

NORTH TRAIL HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
PT	328+79.00	1961331.234	1109794.445	
PC	329+45.47	1961375.725	1109843.831	
DRTC85 PI	329+98.67	1961411.336	1109863.360	310 ft
PT	330+50.85	1961431.729	1109932.501	
PC	331+16.32	1961456.823	1109992.972	
DRTC86 PI	332+31.70	1961501.050	1110099.542	207.8 ft
PCC	333+26.98	1961614.890	1110118.344	
DRTC87 PI	333+35.57	1961623.371	1110119.745	100 ft
PT	333+44.12	1961631.966	1110119.678	
PC	333+97.32	1961685.155	1110119.262	
DRTC88 PI	334+06.52	1961694.358	1110119.333	200 ft
PT	334+15.71	1961703.528	1110118.559	
PC	334+29.86	1961717.631	1110117.369	
DRTC89 PI	334+36.00	1961723.747	1110116.853	300 ft
PT	334+42.13	1961729.837	1110116.087	
PC	335+72.93	1961859.609	1110099.766	
DRTC90 PI	336+06.31	1961892.732	1110095.600	300 ft
PRC	336+39.42	1961924.128	1110084.255	
DRTC91 PI	336+63.44	1961946.719	1110076.092	300 ft
PT	336+87.36	1961970.321	1110071.627	
PC	338+33.02	1962113.436	1110044.554	
DRTC92 PI	338+76.05	1962155.721	1110036.555	165 ft
PT	339+17.21	1962196.526	1110030.227	
PC	340+15.63	1962289.846	1110081.495	
DRTC93 PI	340+68.68	1962340.152	1110088.351	200 ft
PRC	341+19.35	1962392.198	1110088.054	
DRTC94 PI	341+27.95	1962400.633	1110086.366	100 ft
PT	341+36.50	1962409.229	1110086.182	
EOA	341+77.23	1962449.949	1110085.214	

BALLARD ROAD HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
BOA	400+00.00	1958757.347	1108235.072	
PC	400+63.22	1958802.416	1108206.988	
BALC1 PI	400+71.18	1958817.598	1108197.185	20 ft
PT	400+82.49	1958828.764	1108211.252	
PC	401+49.13	1958870.196	1108263.449	
BALC2 PI	401+60.70	1958877.388	1108272.510	100 ft
PT	401+72.17	1958886.458	1108279.690	
PC	401+85.17	1958896.653	1108287.759	
BALC3 PI	402+32.48	1958933.748	1108317.119	150 ft
PT	402+76.82	1958947.286	1108362.449	
PC	404+34.25	1958992.338	1108513.291	
BALC4 PI	404+58.13	1958998.893	1108536.252	200 ft
PT	404+81.78	1958999.858	1108560.111	
POT	407+98.39	1959011.846	1108876.496	
POT	409+90.10	1959016.751	1109068.140	
PC	415+52.67	1959039.493	1109630.248	
BALC5 PI	415+98.05	1959041.327	1109675.589	505 ft
PT	416+43.18	1959035.049	1109720.530	
EOA	417+70.02	1959017.500	1109846.152	

GOLF ROAD HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
BOA	500+00.00	1962442.874	1109308.282	
EOA	508+04.19	1962487.759	1110111.218	

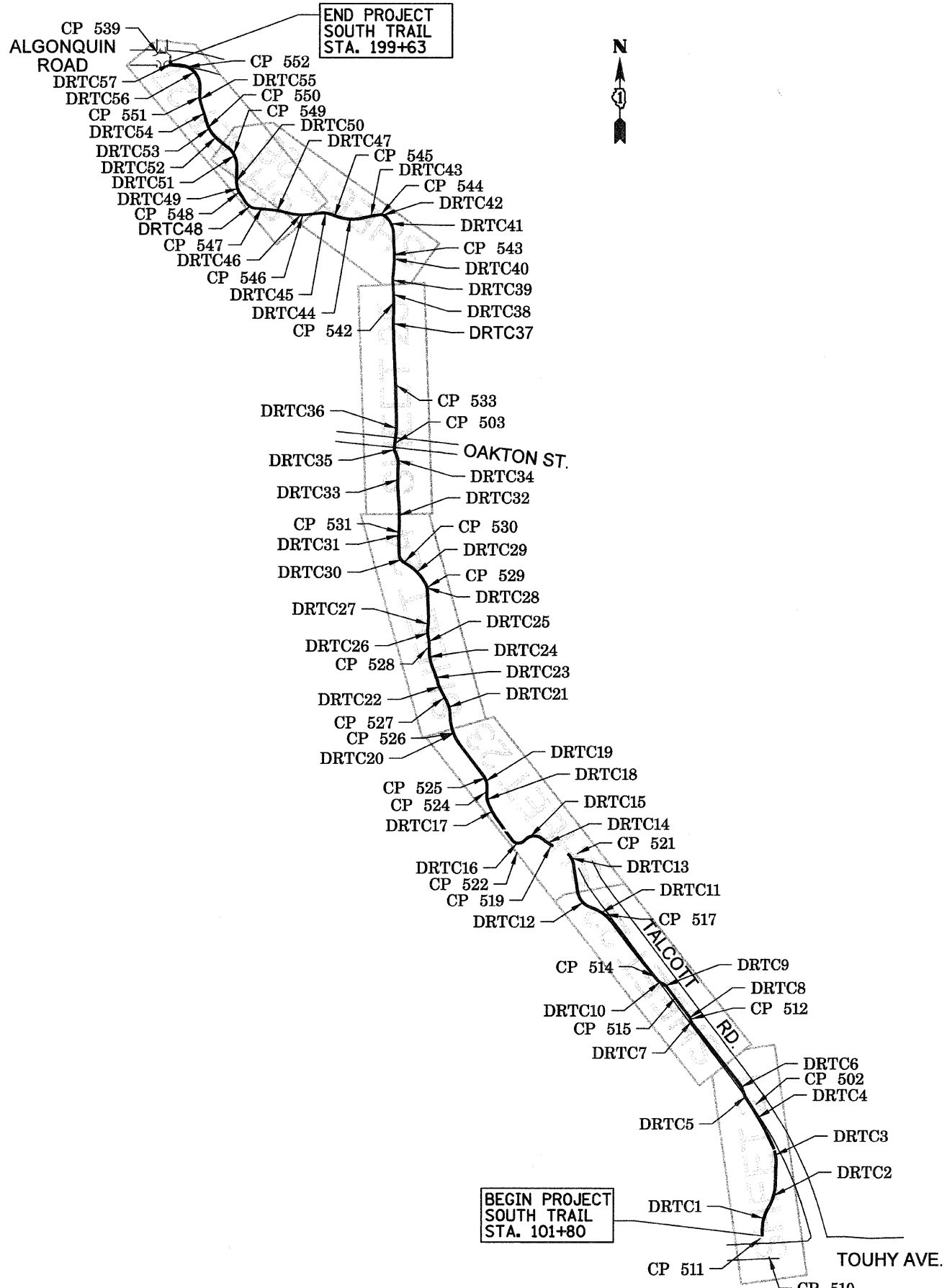
CONTROL POINTS

DESC	NORTHING	EASTING	ELEVATION
CP 184	1958925.822	1108408.511	634.237
CP 507	1961581.335	1110162.270	638.161
CP 509	1958945.993	1109772.885	632.199
CP 535	1962481.652	1110079.786	639.693
CP 541	1959001.481	1109342.296	632.998
CP 554	1958978.560	1108860.980	632.715
CP 555	1959212.560	1108957.010	632.120
CP 556	1959370.520	1108964.245	631.860
CP 558	1959660.640	1108959.495	631.445
CP 559	1960083.220	1108971.510	632.540
CP 560	1960227.825	1109194.285	630.925
CP 562	1960615.145	1109483.995	633.240
CP 563	1960773.420	1109495.935	632.835
CP 564	1960854.425	1109487.395	633.495
CP 566	1961042.265	1109615.695	633.950
CP 568	1961235.495	1109706.640	634.100
CP 569	1961393.715	1109866.700	633.530
CP 570	1961480.705	1110037.490	634.930
CP 571	1961814.540	1110120.090	637.630
CP 575	1961972.711	1110062.483	637.818
CP 576	1962155.942	1110035.926	637.878
CP 577	1962338.049	1110097.654	638.519

BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEV
4	RIM OF STORM STRUCTURE ±5' SOUTH OF SOUTH EDGE OF PAVEMENT OF W. BALLARD ROAD AND ±100' EAST OF DES PLAINES RIVER TRAIL	632.29
5	CROSS CUT IN TOP OF DEPRESSED CURB FOR CROSSWALK AT THE NORTHWEST CORNER OF GOLF ROAD AND BENDER ROAD	639.69

63188



SOUTH TRAIL HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
BOA	100+00.00	1946626.172	1112755.703	
PC	102+16.81	1946842.976	1112757.503	
DRTC1 PI	102+96.69	1946922.849	1112758.166	300 ft
PRC	103+72.94	1946991.818	1112798.459	
DRTC2 PI	104+59.37	1947066.446	1112842.058	335 ft
PT	105+42.12	1947152.854	1112844.109	
PC	106+72.50	1947283.204	1112847.203	
DRTC3 PI	107+37.29	1947347.979	1112848.741	275 ft
PT	107+99.77	1947406.626	1112821.199	
PC	108+74.05	1947473.863	1112789.624	
DRTC4 PI	109+99.23	1947587.174	1112736.411	1,700 ft
PT	111+23.96	1947691.468	1111667.176	
PC	111+40.13	1947704.933	1112658.236	
DRTC5 PI	111+72.62	1947732.006	1112640.264	275 ft
PRC	112+04.55	1947763.376	1112631.787	
DRTC6 PI	112+33.40	1947791.060	1112623.688	150 ft
PT	112+61.55	1947813.766	1112605.899	
PC	117+51.37	1948199.443	1112303.940	
DRTC7 PI	117+67.43	1948212.090	1112294.038	75 ft
PRC	117+83.02	1948227.683	1112290.184	
DRTC8 PI	117+98.42	1948242.636	1112286.489	75 ft
PT	118+13.40	1948254.922	1112277.199	
PC	120+45.15	1948439.775	1112137.424	
DRTC9 PI	120+63.67	1948454.552	1112126.251	75 ft
PRC	120+81.47	1948462.427	1112109.483	
DRTC10 PI	121+12.76	1948475.727	1112081.164	135 ft
PT	121+42.96	1948500.128	1112061.583	
PC	126+02.69	1948862.032	1111778.155	
DRTC11 PI	126+89.62	1948931.391	1111725.745	275 ft
PRC	127+71.09	1948958.021	1111642.990	
DRTC12 PI	128+51.06	1948982.519	1111568.858	130 ft
PT	129+14.48	1949061.519	1111554.399	
PC	131+00.31	1949245.082	1111525.449	
DRTC13 PI	131+36.47	1949280.794	1111519.817	100 ft
PT	131+69.70	1949304.646	1111492.650	
PC	132+83.83	1949358.130	1111391.826	
DRTC14 PI	133+23.63	1949377.334	1111356.984	400 ft
PRC	133+63.17	1949403.030	1111326.571	
DRTC15 PI	134+48.86	1949458.355	1111261.133	85 ft
PRC	134+97.37	1949392.472	1111206.340	
DRTC16 PI	135+61.95	1949342.819	1111165.045	50 ft
PT	135+88.52	1949395.234	1111127.317	
PC	137+51.50	1949527.472	1111032.132	
DRTC17 PI	138+17.76	1949581.288	1110993.395	525 ft
PCC	138+83.42	1949643.046	1110969.255	
DRTC18 PI	139+02.96	1949681.245	1110962.142	100 ft
PT	139+22.01	1949680.783	1110962.402	
PC	139+86.48	1949745.247	1110963.260	
DRTC19 PI	140+22.29	1949781.046	1110963.736	110 ft
PT	140+55.71	1949810.268	1110943.050	
PC	143+04.89	1950009.629	1110793.559	
DRTC20 PI	144+10.05	1950092.005	1110728.190	325 ft
PT	145+08.26	1950197.061	1110723.469	
PC	145+31.12	1950219.888	1110722.210	
DRTC21 PI	145+73.70	1950262.409	1110719.891	200 ft
PT	146+15.04	1950300.298	1110700.452	
PC	146+94.56	1950371.014	1110664.169	
DRTC22 PI	147+22.98	1950396.301	1110651.194	300 ft
PT	147+51.24	1950423.575	1110643.200	
PC	147+72.99	1950444.447	1110637.082	
DRTC23 PI	147+84.26	1950455.261	1110633.912	300 ft
PT	147+95.51	1950465.806	1110629.940	
PC	148+62.16	1950528.221	1110606.430	
DRTC24 PI	149+17.76	1950580.249	1110586.834	300 ft
PT	149+72.11	1950635.844	1110587.182	
PC	149+90.80	1950654.640	1110587.299	
DRTC25 PI	150+25.42	1950689.159	1110587.515	300 ft
PRC	150+59.64	1950722.824	1110579.885	

SOUTH TRAIL HORZ. ALIGNMENT

DESC	STATION	NORTHING	EASTING	RADIUS
DRTC26 PI	150+83.00	1950745.604	1110574.723	140 ft
PRC	151+05.93	1950788.826	1110577.235	
DRTC27 PI	151+63.98	1950826.536	1110583.483	755 ft
PT	152+21.79	1950884.522	1110580.835	
PC	153+57.77	1951020.360	1110574.643	
DRTC28 PI	153+78.75	1951041.318	1110573.881	100 ft
PCC	153+99.13	1951060.126	1110564.389	
DRTC29 PI	155+02.66	1951152.930	1110518.506	320 ft
PRC	155+99.39	1951201.273	1110424.960	
DRTC30 PI	156+40.71	1951220.571	1110390.414	70 ft
PT	156+74.05	1951261.893	1110389.659	
PC	157+80.90	1951368.720	1110387.705	
DRTC31 PI	157+92.29	1951380.111	1110387.496	300 ft
PRC	158+03.67	1951391.485	1110388.152	
DRTC32 PI	159+19.98	1951507.594	1110394.851	1,750 ft
PRC	160+35.94	1951623.568	1110386.326	
DRTC33 PI	161+50.15	1951737.463	1110377.557	1,800 ft
PRC	162+64.06	1951851.528	1110383.453	
DRTC34 PI	162+88.07	1951875.506	1110384.692	100 ft
PT	163+11.19	1951897.434	1110374.910	
PC	163+41.47	1951925.086	1110362.573	
DRTC35 PI	163+55.13	1951937.558	1110357.008	50 ft
PT	163+68.14	1951951.128	1110358.557	
PC	164+69.58	1952051.919	1110370.610	
DRTC36 PI	164+96.59	1952078.754	1110373.123	400 ft
PT	165+23.52	1952105.757	1110372.551	
PC	170+87.43	1952669.327	1110353.894	
DRTC37 PI	171+69.37	1952751.206	1110350.506	2,350 ft
PRC	172+51.26	1952833.122	1110352.830	
DRTC38 PI	173+47.47	1952929.292	1110355.559	1,800 ft
PRC	174+43.49	1953025.205	1110348.020	
DRTC39 PI	174+60.75	1953042.412	1110346.668	200 ft
PT	174+77.93	1953059.597	1110348.283	
PC	175+59.64	1953140.953	1110355.932	
DRTC40 PI	175+94.45	1953175.613	1110359.191	500 ft
PT	176+29.16	1953210.390	1110357.615	
PC	177+65.70	1953346.798	1110351.435	
DRTC41 PI	178+27.91	1953408.940	1110348.619	150 ft
PCC	178+83.64	1953450.852	1110302.652	
DRTC42 PI	179+06.43	1953466.210	1110285.808	50 ft
PCC	179+26.41	1953463.567	1110263.167	
DRTC43 PI	179+78.84	1953457.488	1110211.092	750 ft
PRC	180+31.10	1953444.224	1110160.388	
DRTC44 PI	181+25.32	1953420.387	1110089.219	300 ft
PT	182+13.68	1953452.941	1110090.808	
PC	182+54.74	1953467.129	1109942.277	
DRTC45 PI	182+88.78	1953478.892	1109910.329	140 ft
PT	183+21.53	1953474.672	1109876.547	
PC	184+04.93	1953464.333	1109793.791	
DRTC46 PI	184+58.76	1953457.659	1109740.372	300 ft
PT	185+11.46	1953469.975	1109687.966	
PC	185+71.08	1953483.615	1109629.928	
DRTC47 PI	186+05.03	1953491.382	1109596.877	500 ft
PT	186+38.88	1953494.610	1109563.080	
PC	187+47.36	1953504.925	1109455.092	
DRTC48 PI	187+90.74	1953509.049	1109411.914	90 ft
PT	188+28.20	1953545.392	1109388.238	
PC	188+96.55	1953602.865	1109350.929	
DRTC49 PI	189+29.60	1953630.354	1109332.891	125 ft
PCC	189+61.17	1953663.340	1109330.894	
DRTC50 PI	189+79.99	1953682.130	1109329.756	500 ft
PT	189+98.80	1953700.952	1109330.035	
PC	189+78.99	1953781.140	1109331.221	
DRTC51 PI	191+53.41	1953855.552	1109332.321	150 ft
PT	192+17.16	1953901.444	1109273.734	
PC	192+89.14	1953945.829	1109217.069	
DRTC52 PI	193+19.60	1953964.615	1109193.086	300 ft
PCC	193+49.86	1953987.838	1109173.370	

SOUTH TRAIL HORZ. ALIGNMENT

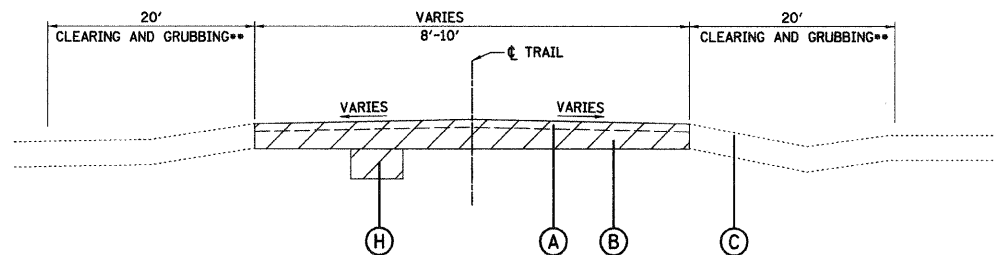
DESC	STATION	NORTHING	EASTING	RADIUS
DRTC53 PI	193+89.31	1954017.911	1109147.838	180 ft
PT	194+27.53	1954055.906	1109137.223	
PC	194+85.15	1954111.404	1109121.719	
DRTC54 PI	194+94.72	1954120.622	1109119.144	500 ft
PT	195+04.29	1954129.736	1109118.217	
PC	195+57.87	1954180.743	1109099.834	
DRTC55 PI	195+93.24	1954214.421	1109089.017	200 ft
PT	196+27.89	1954249.766	1109090.408	
PC	196+73.18	1954295.023	1109092.189	
DRTC56 PI	198+09.54	1954431.280	1109097.551	137 ft
PT	198+87.74	1954437.277	1109091.320	
PC	199+31.97	1954439.222	1109091.136	
DRTC57 PI	199+51.97	1954440.102	1108997.155	20 ft
PT	199+63.38	1954460.082	1108998.034	
EOA	200+54.58	1954551.187	1108902.045	

CONTROL POINTS

DESC	NORTHING	EASTING	ELEVATION
CP 502	1947672.071	1112713.898	633.705
CP 503	1951981.318	1110368.939	635.256
CP 510	1946665.218	1112800.844	633.040
CP 511	1946783.138	1112742.576	631.502
CP 512	1948229.005	1112291.770	632.850
CP 514	1948503.965	1112054.225	630.005
CP 515	1948371.160	1112189.630	632.850
CP 517	1948909.640	1111735.115	631.800
CP 519	1949351.215	1111377.850	632.160
CP 521	1949303.550	1111549.835	633.295
CP 522	1949312.755	1111157.095	628.010
CP 524	1949703.200	1110951.560	631.045
CP 525	1949797.025	1110953.460	631.675
CP 526	1950089.635	1110738.210	632.705
CP 527	1950318.975	1110680.315	636.180
CP 528	1950640.400	1110571.575	636.870
CP 529	1951039.730	1110576.860	636.050
CP 530	1951207.630	1110428.080	635.470
CP 531	1951394.575	1110387.610	634.695
CP 533	1952356.005	1110368.120	637.170
CP 539	1954510.892	1108815.818	634.032
CP 542	1952888.160	1110347.705	639.325
CP 543	1953198.795	1110349.465	639.865
CP 544	1953461.700	1110268.620	639.435
CP 545	1953448.275	1109966.820	639.105
CP 546	1953450.400	1109757.320	637.410
CP 547	1953503.390	1109493.765	637.895
CP 548	1953599.530	1109340.185	636.095
CP 549	1953855.905	1109310.050	636.790
CP 550	1954021.675	1109142.100	635.515
CP 551	1954224.805	1109084.240	634.095
CP 552	1954421.150	1109006.845	634.640

BENCHMARKS

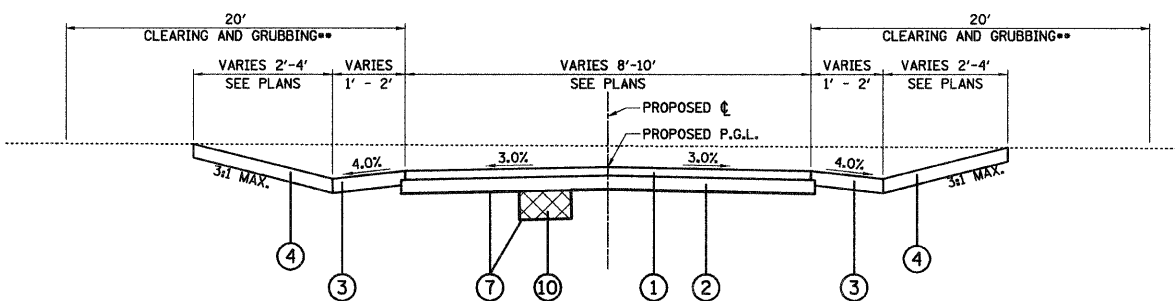
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**EXISTING TRAIL SECTION
NORTH AND SOUTH TRAIL**
N.T.S.

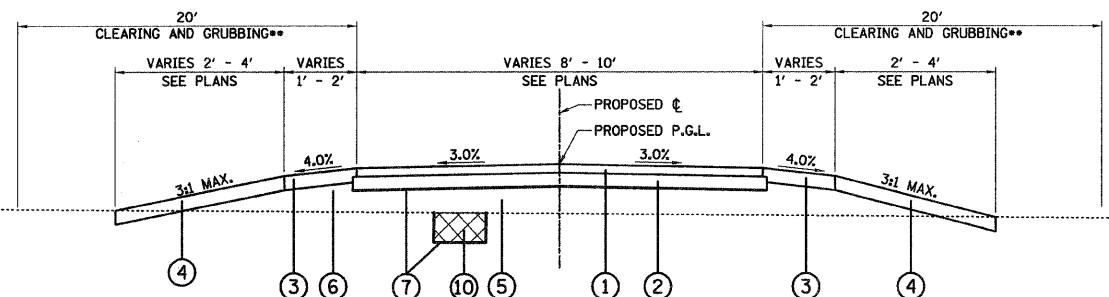
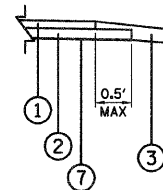
EXISTING LEGEND

- (A) BIKE PATH
- (B) BASE (SOIL AND/OR STONE)
- (C) SOD/SOIL
- (D) RETAINING WALL/ABUTMENT
- (E) CURB
- (F) BIKE PATH - SIDEWALK
- (G) STONE EMBANKMENT
- (H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (TO BE DETERMINED IN THE FIELD BY THE ENGINEER)

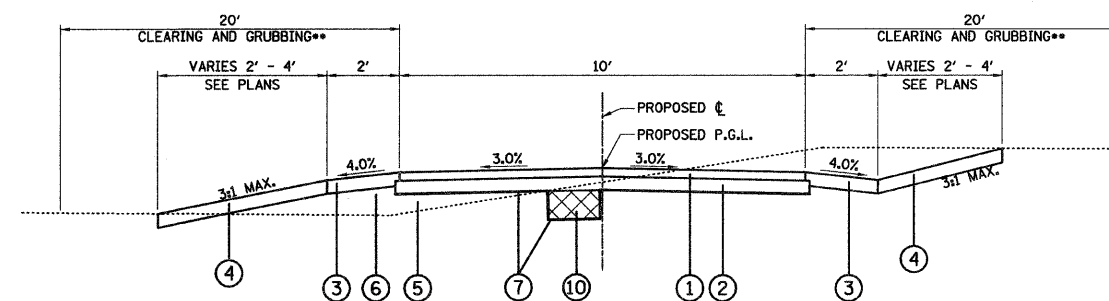


**PROPOSED TRAIL SECTION - CUT
NORTH & SOUTH TRAIL**
N.T.S.

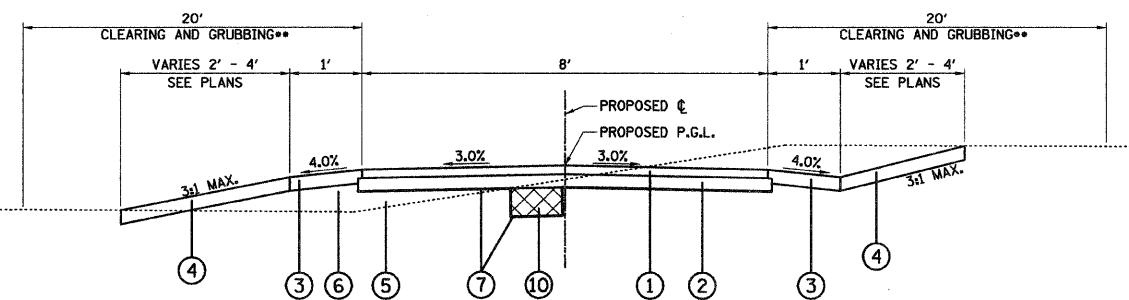
**BASE COURSE EDGE
OF TRAIL**



**PROPOSED TRAIL SECTION - FILL
NORTH & SOUTH TRAIL**
N.T.S.



**PROPOSED 10- FOOT TRAIL SECTION
NORTH & SOUTH TRAIL**
N.T.S.

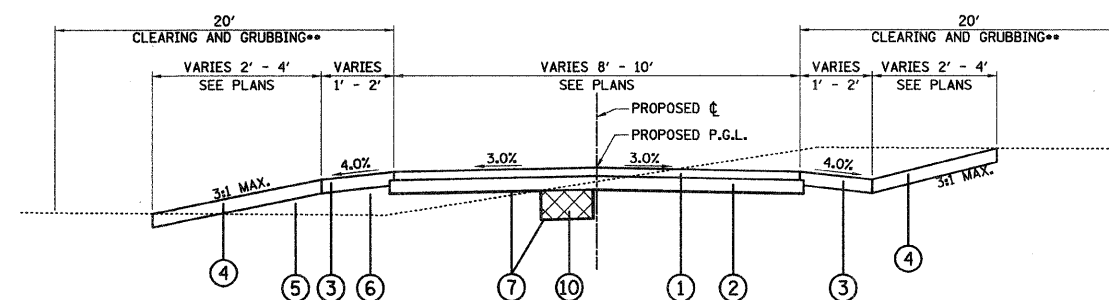


**PROPOSED 8- FOOT TRAIL SECTION
SOUTH TRAIL**
STA. 118+00 TO 120+50
STA. 174+00 TO 178+50
STA. 183+50 TO 188+50

NORTH TRAIL
STA. 320+00
STA. 328+00 TO 341+36
N.T.S.

PROPOSED LEGEND

- (1) AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
- (2) AGGREGATE BASE COURSE, 5"
- (3) SEEDING CLASS 2 TOPSOIL, 4" EROSION CONTROL BLANKET
- (4) SEEDING CLASS 4A TOPSOIL, 4" EROSION CONTROL BLANKET
- (5) COMPACTED SUBGRADE
- (6) FILL MATERIAL FROM EXCAVATION (PAID FOR AS EARTH EXCAVATION)
- (7) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (8) MODULAR BLOCK RETAINING WALL
- (9) PIPE HANDRAIL, 4.5' HIGH
- (10) POROUS GRANULAR MATERIAL, SUBGRADE
- ** PAID FOR AS CLEARING



**PROPOSED TAPERED TRAIL SECTION
SOUTH TRAIL STA. 121+00 AND 173+50
NORTH TRAIL STA. 320+50**
N.T.S.

FILE NAME = 01-2173-shr-typical.dgn

USER NAME = CET>User

DESIGNED - RJD/BJB

REVISED -

DRAWN - ARA

REVISED -

PLOT SCALE = 1/8" = 1' IN.

CHECKED - MJF

REVISED -

PLOT DATE = 11/13/2009

DATE - 5/28/09

REVISED -

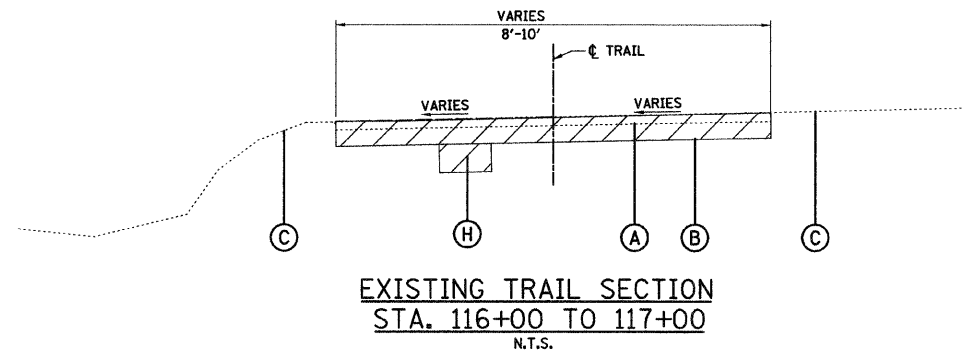
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DES PLAINES RIVER TRAIL IMPROVEMENTS

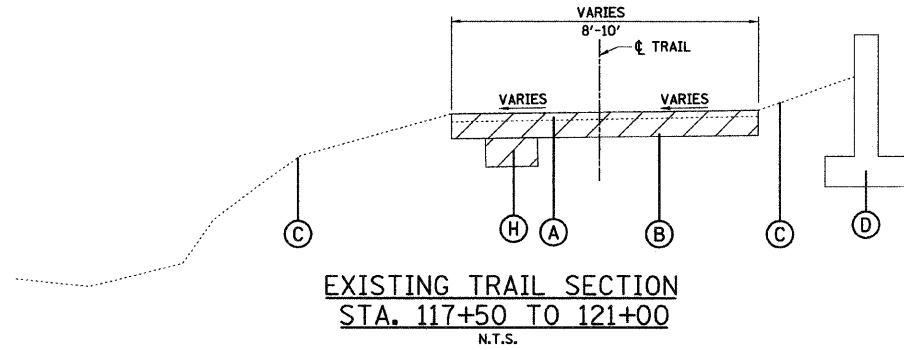
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	9
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: CMM-9003(116)	
			CONTRACT NO. 63166	

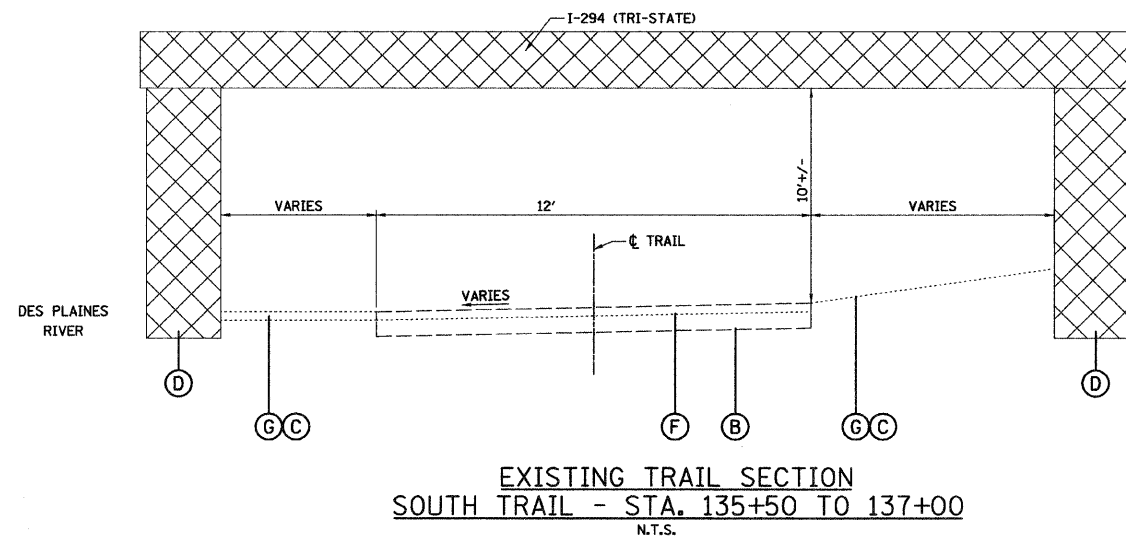
63188



EXISTING TRAIL SECTION
STA. 116+00 TO 117+00
N.T.S.



EXISTING TRAIL SECTION
STA. 117+50 TO 121+00
N.T.S.



EXISTING TRAIL SECTION
SOUTH TRAIL - STA. 135+50 TO 137+00
N.T.S.

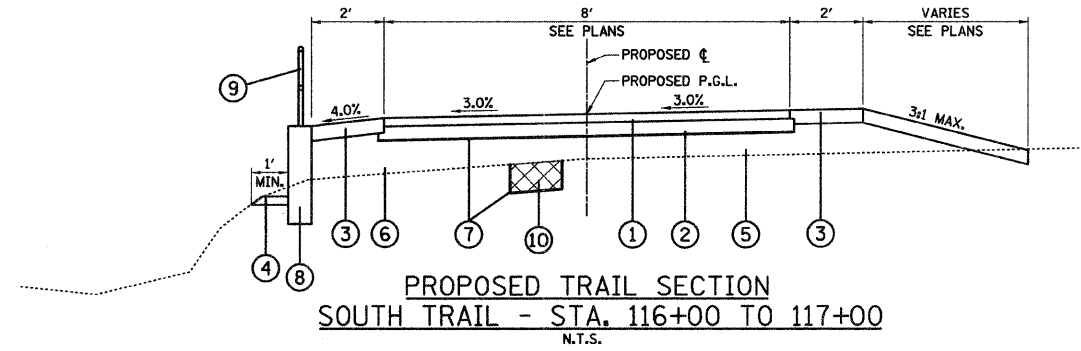
EXISTING LEGEND

- (A) BIKE PATH
- (B) BASE (SOIL AND/OR STONE)
- (C) SOD/SOIL
- (D) RETAINING WALL/ABUTMENT
- (E) CURB
- (F) BIKE PATH - SIDEWALK
- (G) STONE EMBANKMENT
- (H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (TO BE DETERMINED IN THE FIELD BY THE ENGINEER)

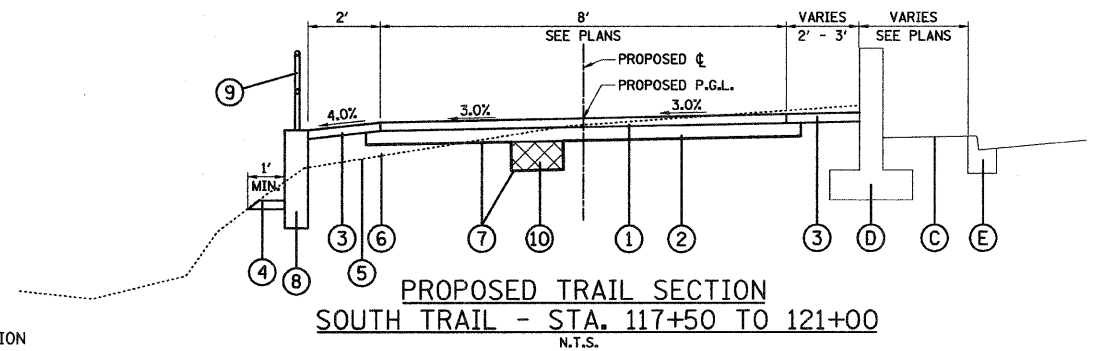


PROPOSED LEGEND

- (1) AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
- (2) AGGREGATE BASE COURSE, 5"
- (3) SEEDING CLASS 2 TOPSOIL, 4" EROSION CONTROL BLANKET
- (4) SEEDING CLASS 4A TOPSOIL, 4" EROSION CONTROL BLANKET
- (5) COMPACTED SUBGRADE
- (6) FILL MATERIAL FROM EXCAVATION (PAID FOR AS EARTH EXCAVATION)
- (7) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (8) MODULAR BLOCK RETAINING WALL
- (9) PIPE HANDRAIL, 4.5' HIGH
- (10) POROUS GRANULAR MATERIAL, SUBGRADE
- ** PAID FOR AS CLEARING

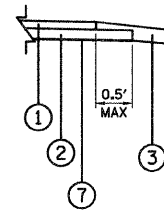


PROPOSED TRAIL SECTION
SOUTH TRAIL - STA. 116+00 TO 117+00
N.T.S.



PROPOSED TRAIL SECTION
SOUTH TRAIL - STA. 117+50 TO 121+00
N.T.S.

BASE COURSE EDGE OF TRAIL



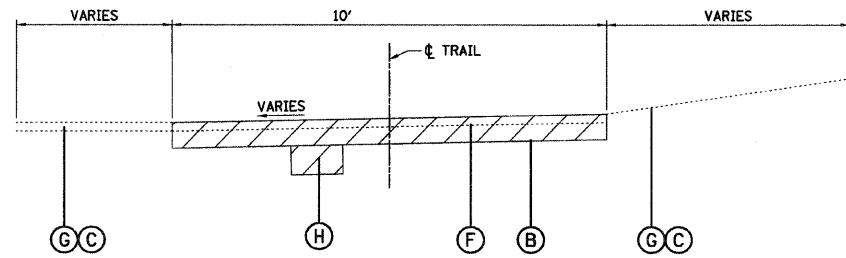
FILE NAME = DI-2173-ah-typical.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -
		DRAWN - ARA	REVISED -
		CHECKED - MJF	REVISED -
		DATE - 5/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

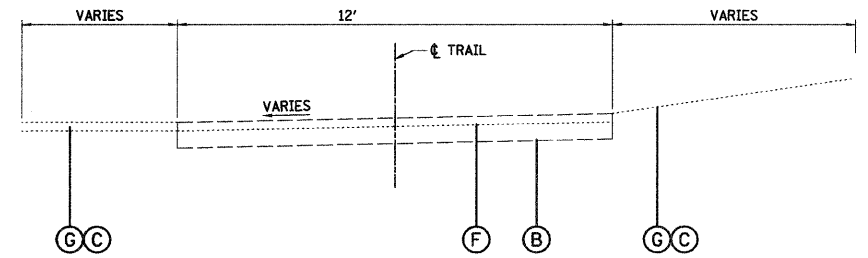
DES PLAINES RIVER TRAIL IMPROVEMENTS

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	10
CONTRACT NO. 63168			63188	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT: CMM-9003(116)		



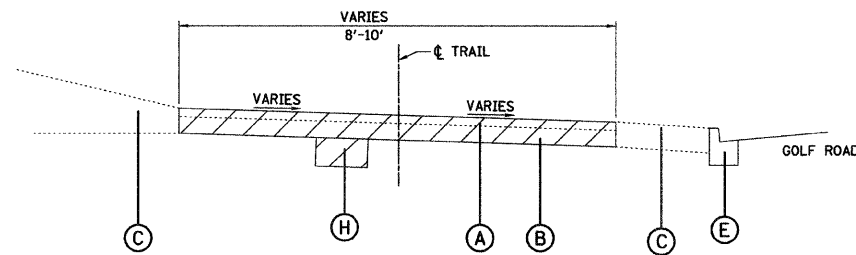
EXISTING TRAIL SECTION
SOUTH TRAIL
STA. 138+90 TO 139+04
N.T.S.



EXISTING CONCRETE TRAIL SECTION
SOUTH TRAIL
STA. 134+08 TO 135+50
STA. 135+50 TO 138+90
N.T.S.

EXISTING LEGEND

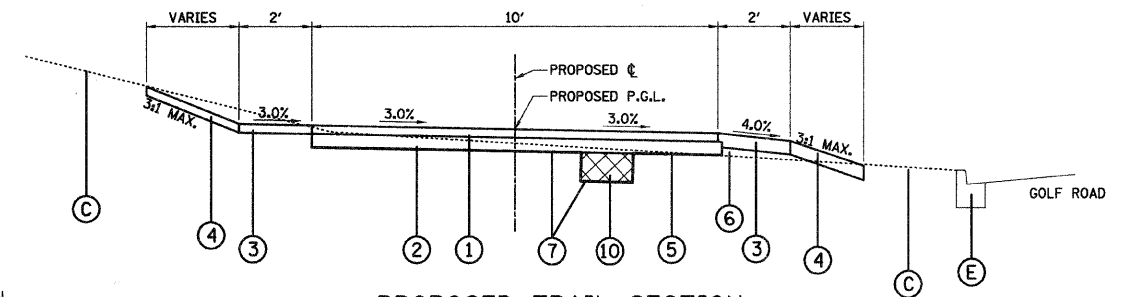
- (A) BIKE PATH
- (B) BASE (SOIL AND/OR STONE)
- (C) SOD/SOIL
- (D) RETAINING WALL/ABUTMENT
- (E) CURB
- (F) BIKE PATH - SIDEWALK
- (G) STONE EMBANKMENT
- (H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (TO BE DETERMINED IN THE FIELD BY THE ENGINEER)



EXISTING TRAIL SECTION
GOLF ROAD

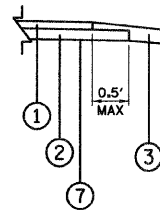
PROPOSED LEGEND

- (1) AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
- (2) AGGREGATE BASE COURSE, 5"
- (3) SEEDING CLASS 2 TOPSOIL, 4" EROSION CONTROL BLANKET
- (4) SEEDING CLASS 4A TOPSOIL, 4" EROSION CONTROL BLANKET
- (5) COMPACTED SUBGRADE
- (6) FILL MATERIAL FROM EXCAVATION (PAID FOR AS EARTH EXCAVATION)
- (7) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (8) MODULAR BLOCK RETAINING WALL
- (9) PIPE HANDRAIL, 4.5' HIGH
- (10) POROUS GRANULAR MATERIAL, SUBGRADE
- ** PAID FOR AS CLEARING



PROPOSED TRAIL SECTION
GOLF ROAD
N.T.S.

BASE COURSE EDGE OF TRAIL



FILE NAME = 01-2173-sht-typical.dgn	USER NAME = CET.User	DESIGNED - RJD/BJB	REVISED -
		DRAWN - ARA	REVISED -
	PLOT SCALE = 10.0000 "/ IN.	CHECKED - MJF	REVISED -
	PLOT DATE = 11/13/2009	DATE - 5/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL IMPROVEMENTS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		08-00202-00-SW	COOK	118	11
		CONTRACT NO. 63100			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT: CMM-9003(116)			

SCHEDULE OF QUANTITIES

SCHEDULE OF TREE REMOVAL
(6 TO 15 UNITS DIAMETER)

LOCATION	UNITS
335+15, 4.3' LT.	8
403+67, 0.3' RT.	10
404+47, 3.2' RT.	8
404+56, 1.7' RT.	10
404+61, 2.4' RT.	6
404+89, 6.7' RT.	8
405+30, 0.8' RT.	6
405+40, 2.8' LT.	14
405+52, 0.7' LT.	8
405+54, 9.8' RT.	12
405+72, 10.2' RT.	9
405+73, 3.1' RT.	13
405+79, 1.5' LT.	9
406+05, 5.3' RT.	8
406+07, 6.9' RT.	10
406+17, 5.6' RT.	11
406+46, 3.2' RT.	14
408+24, 2.5' RT.	7
408+26, 1.7' RT.	10
408+35, 6.4' RT.	6
408+68, 0.1' LT.	10
408+76, 11.0' RT.	9
408+79, 0.3' RT.	7
409+32, 0.9' RT.	9
409+44, 1.8' RT.	6
409+44, 0.2' LT.	9
409+48, 1.5' LT.	13
409+60, 1.1' LT.	7
409+71, 1.1' LT.	12
409+90, 0.7' RT.	13
410+11, 2.3' LT.	8
410+42, 0.8' RT.	9
410+52, 1.6' LT.	6
410+56, 7.8' RT.	15
410+64, 8.3' RT.	7
410+70, 3.7' RT.	10
410+78, 0.6' LT.	7
410+87, 8.4' RT.	10
410+90, 1.9' RT.	11
410+99, 6.9' RT.	6
411+02, 2.8' LT.	10
411+11, 1.4' RT.	12
411+13, 10.5' RT.	12
411+28, 8.3' RT.	12

SCHEDULE OF TREE REMOVAL
(OVER 15 UNITS DIAMETER)

LOCATION	UNITS
403+93, 4.3' LT.	32
405+19, 4.0' RT.	25
407+68, 7.1' RT.	19
408+27, 3.4' LT.	17
408+59, 3.6' RT.	31
409+51, 7.5' RT.	16
410+56, 7.8' RT.	15
410+61, 0.2' LT.	20

SCHEDULE OF CATCH BASINS TO BE ADJUSTED

LOCATION
STA. 163+76, CL

SCHEDULE OF MANHOLES TO BE ADJUSTED

LOCATION
STA. 505+19, 1' RT.
STA. 506+78, 2' RT.

SCHEDULE OF CATCH BASINS TO BE ADJUSTED
WITH NEW TYPE 1 FRAME AND CLOSED LID

LOCATION
STA. 322+81, 3.6' RT

SCHEDULE OF MODULAR BLOCK RETAINING WALL

LOCATION
STA. 116+00 TO STA. 120+50

SCHEDULE OF PIPE HANDRAIL

LOCATION
STA. 116+00 TO STA. 120+50

SCHEDULE OF PIPE HANDRAIL, SPECIAL

LOCATION
STA. 117+42 TO STA. 120+90

SCHEDULE OF CULVERT CROSSINGS

LOCATION
STA. 313+25

SCHEDULE OF EARTHWORK

	EARTH EXCAVATION (CU YD)	FILL MATERIAL* (CU YD)	FILL MATERIAL ADJUSTED FOR SHRINKAGE** (CU YD)
SOUTH TRAIL	3,970	96	120
NORTH TRAIL	990	320	400
BALLARD ROAD TRAIL	660	24	30
GOLF ROAD TRAIL	220	4	5
TOTALS	5,840	444	555

- * FILL MATERIAL TO BE TAKEN FROM ONSITE EARTH EXCAVATION AND PAID FOR BY EARTH EXCAVATION
- ** SHRINKAGE FOR FILL MATERIAL CALCULATED USING 25% SHRINKAGE FACTOR

SCHEDULE OF SPLIT RAIL FENCE

TRAIL CROSSING LOCATIONS	LENGTH
OAKTON STREET (NE, SE, SW, NW QUADRANT)	40 FT
ALGONQUIN ROAD (SE, SW QUADRANT)	20 FT
RAND ROAD (NE, SE, SW, NW QUADRANT)	40 FT
BENDER ROAD (NW QUADRANT)	10 FT
BIG BEND LAKE ENTRANCE (SW QUADRANT)	10 FT

WOOD FENCE TO BE REMOVED AND RE-ERECTED

LOCATION	LENGTH
STA. 332+50, 10' RT. TO STA. 334+50, 10' RT.	200 FT
STA. 500+00, 10' RT. TO STA. 501+90, 10' RT.	200 FT
STA. 502+75, 10' RT. TO STA. 505+25, 10' RT.	250 FT
STA. 505+75, 10' RT. TO STA. 507+55, 10' RT.	180 FT

SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5-INCH

LOCATION	AREA
TRAIL CROSSING LOCATIONS	
OAKTON STREET (SOUTH)	100 SQ FT
OAKTON STREET (NORTH)	100 SQ FT
ALGONQUIN ROAD (SOUTH)	100 SQ FT
BENDER ROAD (WEST)	100 SQ FT
RAND ROAD (WEST)	670 SQ FT
RAND ROAD (EAST)	100 SQ FT
BIG BEND LAKE ENTRANCE (SOUTH)	80 SQ FT
BIG BEND LAKE ENTRANCE (NORTH)	80 SQ FT
GOLF ROAD (SOUTH)	100 SQ FT
GOLF ROAD (NORTH)	120 SQ FT

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EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. SEE IDOT STANDARD 280001-04 FOR TEMPORARY EROSION CONTROL SYSTEMS.
2. THE USE OF HAY OR STRAW BALES SHALL NOT BE PERMITTED IN THE IMPLEMENTATION OF TEMPORARY DITCH CHECKS.
3. TEMPORARY DITCH CHECK WILL BE MEASURED AND PAID FOR PER FOOT. EACH TEMPORARY DITCH CHECK WILL CONSIST OF TWO 7' LONG UNITS (14 FEET PER LOCATION) AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. TEMPORARY DITCH CHECKS WILL BE INSTALLED AFTER GRADING IN THE CHANNEL AND WILL BE REMOVED ONCE THE EROSION CONTROL BLANKET IS INSTALLED.
5. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL", AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.
6. THE EROSION CONTROL MEASURES SHOWN ARE A GRAPHICAL REPRESENTATION OF THE MINIMUM REQUIREMENTS. DEVIATIONS FROM THIS PLAN ARE EXPECTED AND ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, THE DESIGNATED APPROVED EROSION CONTROL INSPECTOR, OR THE GOVERNING AGENCY.
7. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
8. THE QUANTITY SHOWN FOR TEMPORARY DITCH CHECKS, INLET FILTERS AND DRAINAGE PROTECTION IS SUFFICIENT FOR ONE (1) SETUP AND THE MAINTENANCE WILL BE CONSIDERED AS PART OF THE PAY ITEM FOR THE DURATION OF THE CONTRACT.
9. ALL TEMPORARY SEDIMENT CONTROLS AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR, INCLUDING BUT NOT LIMITED TO CLEANING OF INLET FILTERS AND REMOVAL OF SEDIMENT FROM PERIMETER EROSION BARRIER.
10. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
11. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY. ANY NECESSARY REPAIRS OR CLEANUP SHALL BE INCIDENTAL TO THE ASSOCIATED PAY ITEM.
12. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT AND THE STORM WATER POLLUTION PREVENTION PLAN.
13. ALL DISTURBED AREAS SHALL BE SEEDED AS SHOWN ON THE LANDSCAPING PLANS AND/OR THE EROSION AND SEDIMENT CONTROL PLANS WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED.
14. ALL SLOPES 3:1 OR STEEPER SHALL BE SEEDED IMMEDIATELY AND COVERED WITH EROSION CONTROL BLANKET. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE (1) WEEK OR MORE SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING AND COVERED WITH MULCH METHOD 2 WITHIN SEVEN (7) CALENDAR DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 02-60.
16. AT THE END OF EACH WORK DAY, THE SITE SHALL BE GRADED TO MAINTAIN THE DRAINAGE PATTERN ESTABLISHED IN THE EROSION CONTROL PLAN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL ITEMS.
17. SEDIMENT CONTROL, SILT FENCE SHALL BE PLACED FIVE (5) FEET OUTSIDE THE EDGE OF SHOULDER OF THE PATH AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
18. 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.
19. SEDIMENT AND MUD DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORKING DAY BY SHOVELING AND/OR SWEEPING. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
20. ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTER OR DRAINAGE STRUCTURE DURING CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. THIS INCLUDES ANY LOOSE MATERIAL OR BUILD UP THAT EXISTED BEFORE COMMENCEMENT OF CONSTRUCTION OPERATIONS. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

21. EROSION CONTROL MEASURES AROUND PROPOSED INLETS AND CULVERTS SHALL BE CONSTRUCTED IMMEDIATELY AFTER THE DRAINAGE ITEMS ARE CONSTRUCTED AND MAINTAINED.
22. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
23. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER OR THE APPROVED EROSION CONTROL INSPECTOR.
24. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO THE TEMPORARY SEDIMENT BASINS OR DEWATERING BAGS AS SHOWN ON THE PLANS. DEWATERING DIRECTLY INTO FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED. DEWATERING BAGS SHALL BE PLACED ON STABLE GROUND AND SHALL BE SIZED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATION.
25. ALL COMPLETED SLOPES SHALL BE SEEDED AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
26. AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING BEFORE THE END OF THE FALL SEEDING RESTRICTION SHALL RECEIVE TEMPORARY SEEDING TYPE 7. SUFFICIENT QUANTITY OF SEEDING, CLASS 7 IS SPECIFIED TO COVER THE LIMITS OF THE LANDSCAPING WITHIN THE CONSTRUCTION ZONE DURING THE NON-CONSTRUCTION SEASON.
27. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING SEEDING, CLASS 7, MULCH, METHOD 2 AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET.
28. CONCRETE TRUCK WASHOUT SHALL NOT BE DISCHARGED INTO THE SURROUNDING AREAS. THE WASHOUT SHALL BE COLLECTED ON SITE AND DISPOSED OF AT AN APPROVED LOCATION (i.e. BACK AT THE PLANT).
29. CONCRETE TRUCK WASHOUT LOCATIONS SHALL BE IDENTIFIED BY THE CONTRACTOR AT THE PRECONSTRUCTION MEETING FOR THE APPROVAL OF THE ENGINEER AND CITY OF DES PLAINES.
30. PERIMETER EROSION CONTROL BARRIER SHALL BE INSTALLED AROUND THE ENTIRE CIRCUMFERENCE OF ANY STOCKPILES.

SCHEDULE OF QUANTITIES

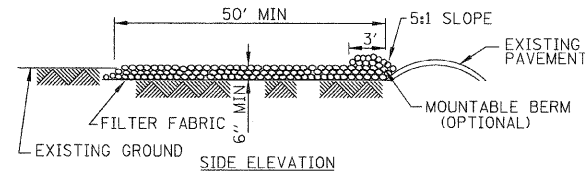
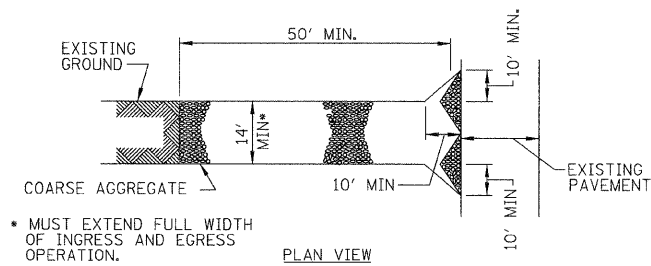
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
25000350	SEEDING, CLASS 7	ACRE	2.75
25100115	MULCH, METHOD 2	ACRE	2.75
25100630	EROSION CONTROL BLANKET	SQ YD	13,310
25100900	TURF REINFORCEMENT MAT	SQ YD	570
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	275
28000300	TEMPORARY DITCH CHECKS	FOOT	560
28000400	PERIMETER EROSION BARRIER	FOOT	11,350
28000510	INLET FILTERS	EACH	11
X0301852	DEWATERING STRUCTURE NO. 1	EACH	3
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	625
X0426200	DEWATERING	L SUM	1

MAINTENANCE/INSPECTION PROCEDURES

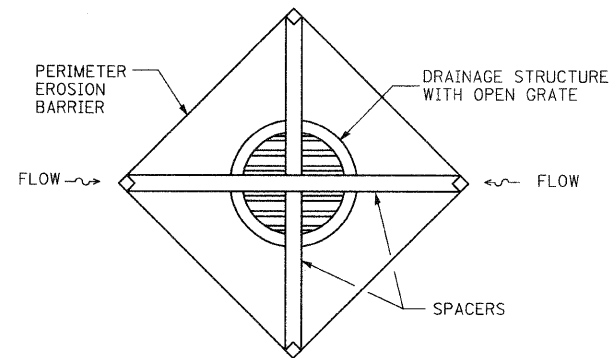
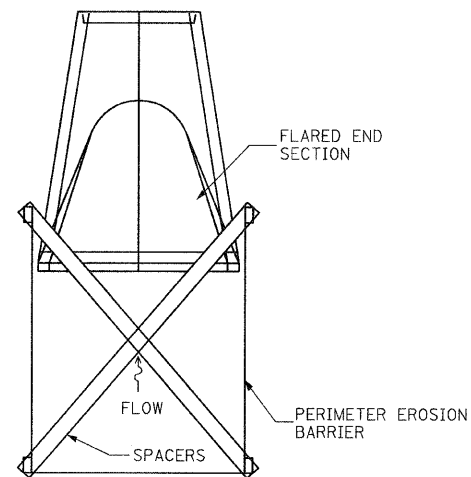
1. THE FOLLOWING ARE THE INSPECTION AND MAINTENANCE PROCEDURES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL:
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL CONSTRUCTION OF THE EROSION CONTROL MEASURES SHOWN IN THE PLAN, AND SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID FACILITIES UNTIL THE COMPLETION OF CONSTRUCTION OF THOSE IMPROVEMENTS IN HIS CONTRACT. THE CONTRACTOR SHALL REQUEST IN WRITING A RELEASE FROM IDOT FOR MAINTENANCE OF THE SITE UPON COMPLETION OF THIS WORK. IDOT SHALL ISSUE SAID RELEASE WITHIN 15 DAYS OF THE CONTRACTOR'S REQUEST, PROVIDING THE CONTRACTOR HAS COMPLETED ALL WORK REQUIRED UNDER THE CONTRACT. THE CONTRACTOR'S EROSION CONTROL MAINTENANCE RESPONSIBILITIES SHALL BE EXCLUSIVE OF THE CONSTRUCTION WARRANTY AND/OR GUARANTEE PERIOD.
3. ALL CONTROL MEASURES (EXCEPT "STABILIZED CONSTRUCTION ENTRANCE") WILL BE INSPECTED BY QUALIFIED PERSONNEL AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES ARE GREATER (OR EQUIVALENT SNOW MELT). STABILIZED CONSTRUCTION ENTRANCES WILL BE INSPECTED DAILY.
4. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
5. BUILT-UP SEDIMENT WILL BE REMOVED FROM ALL SEDIMENT CONTROL DEVICES WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE FENCE. THIS SEDIMENT SHALL BE RESPREAD AND VEGETATED.
6. SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
7. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION AND SHALL BE KEPT ONSITE.
8. THE SITE SUPERINTENDENT WILL SELECT THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.
9. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY OPERATIONS, IN ALL INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD WORKING ORDER.
10. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
11. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PLAN AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITH SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
12. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF INSPECTION.
13. THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN FIVE DAYS AN INCIDENCE OF NON-COMPLIANCE (ION) REPORT FOR ANY VIOLATION OF THE STORM WATER POLLUTION PREVENTION PLAN OBSERVED DURING AN INSPECTION CONDUCTED, INCLUDING THOSE NOT REQUIRED BY THE PLAN. SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NON-COMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE.

FILE NAME = 01-2173-erosion control-notes.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 400.0000' / IN.	DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	13	
	PLOT DATE = 1/29/2010	CHECKED - M.F.	REVISED -			CONTRACT NO. 63168				
		DATE - 5/28/09	REVISED -			FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT# CMM-9003116			
						SCALE: NONE	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	

23188



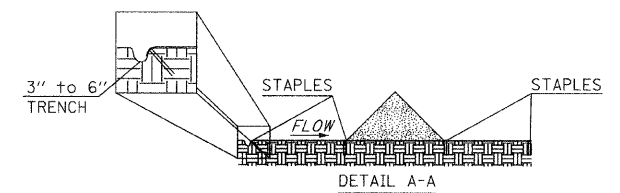
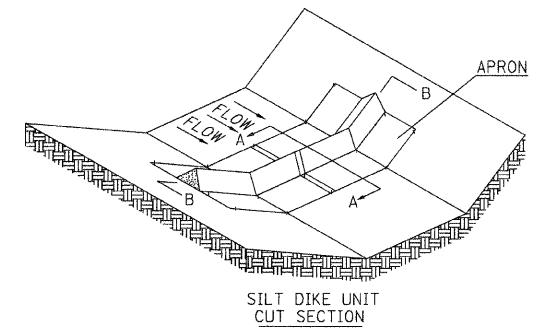
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



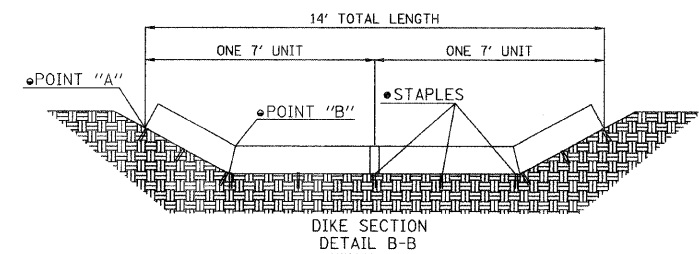
• INSTALL PER IDOT STANDARD 280001-04

DRAINAGE PROTECTION
NOT TO SCALE

**TEMPORARY DITCH CHECKS INSTALLATION
(TRIANGULAR SILT DIKE)**



• STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAMS



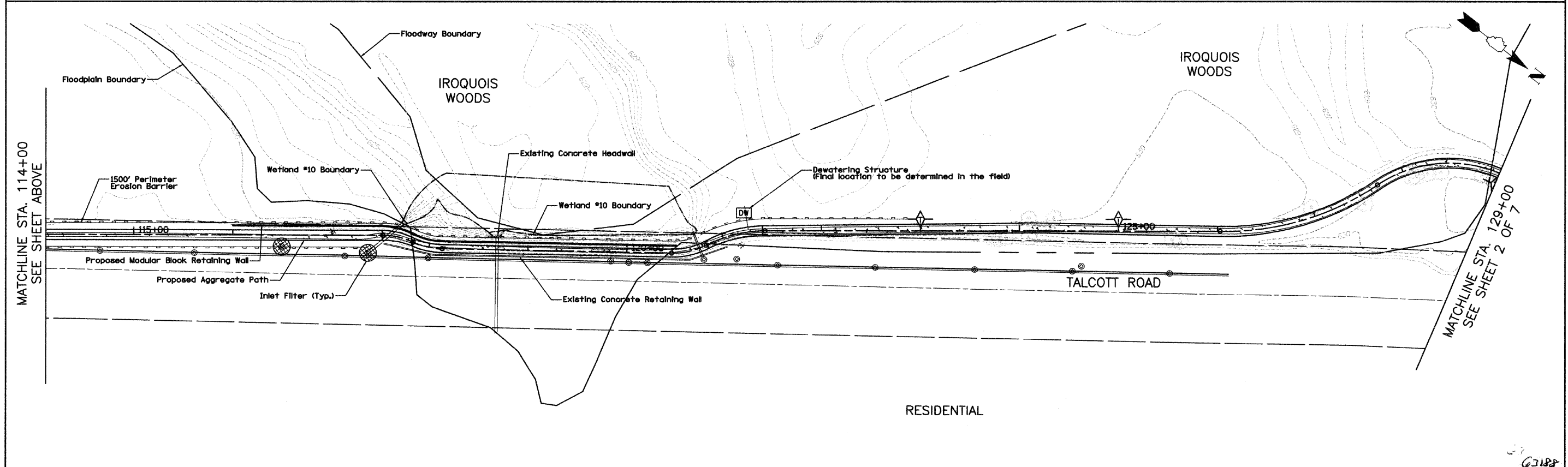
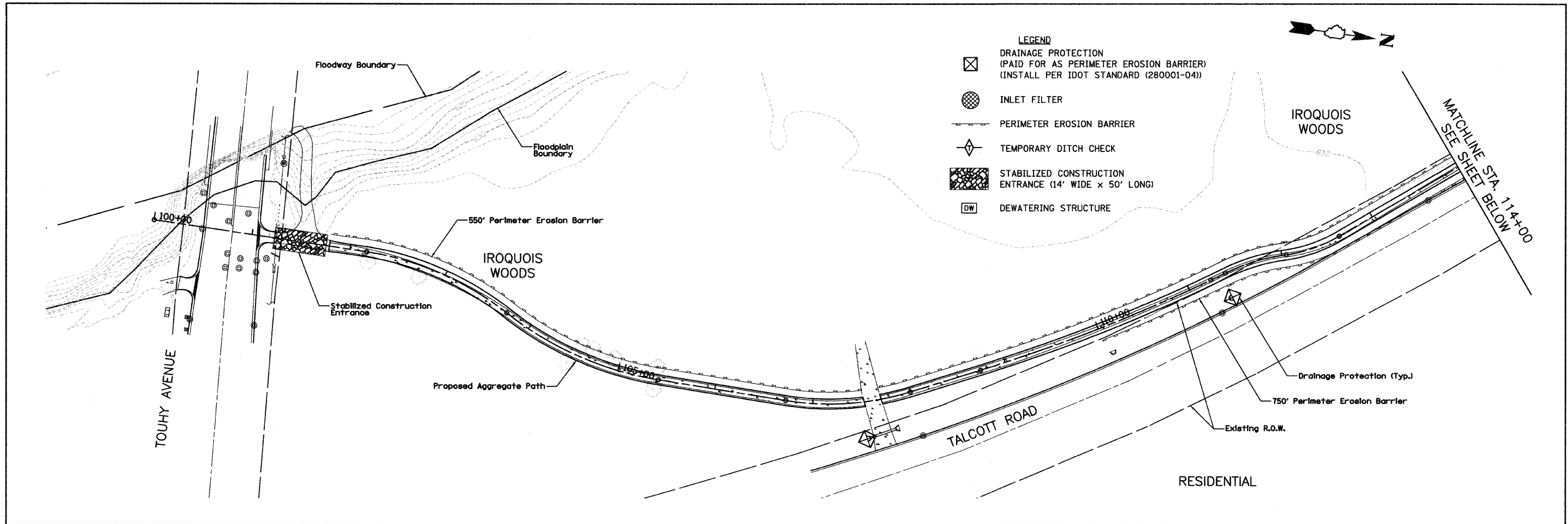
• POINT "A" MUST BE HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

TEMPORARY DITCH CHECK NOTES:

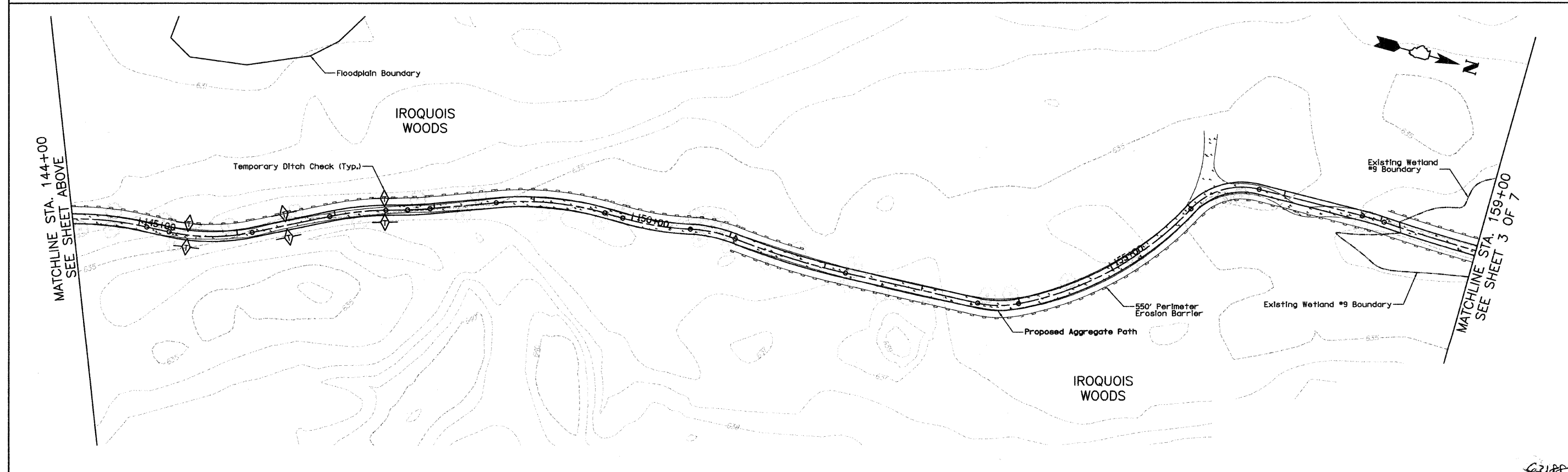
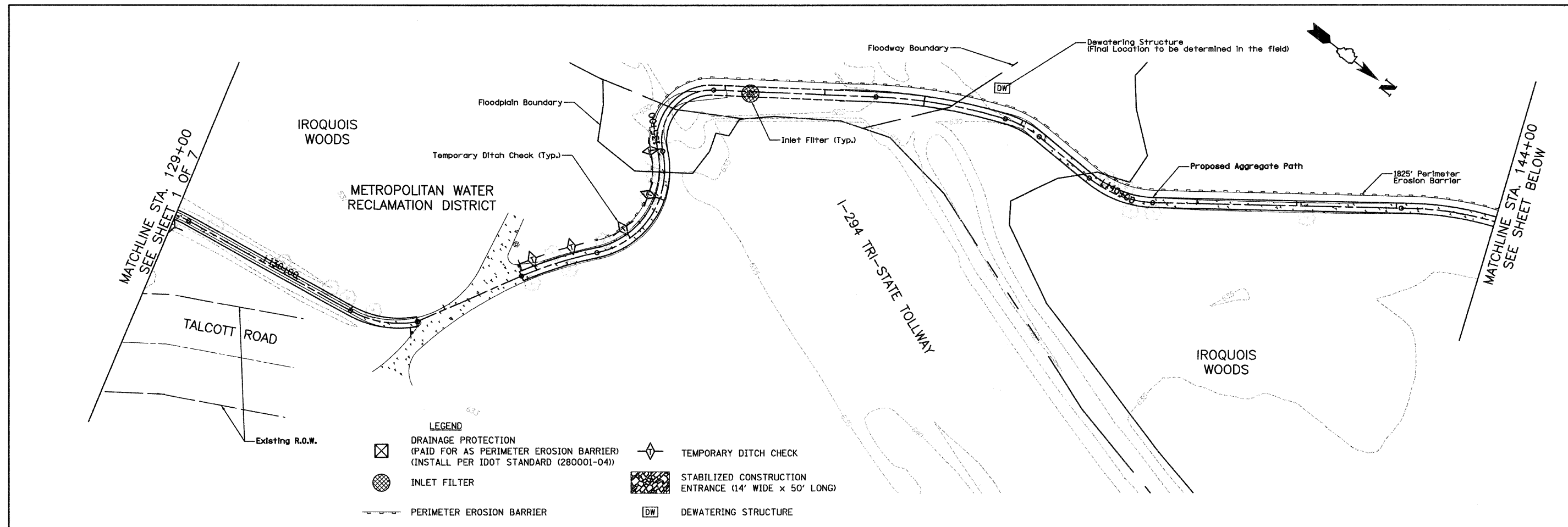
1. SPACING SHALL HAVE 1 DIKE PER VERTICAL FOOT DROP
2. EACH TEMPORARY DITCH CHECK SHALL CONSIST OF A MINIMUM OF TWO (2) TRIANGULAR SILT DIKES APPROXIMATELY 7' LONG EACH FOR A TOTAL LENGTH OF 14' PER LOCATION. THE TRIANGULAR SECTION SHALL BE OF URETHANE FOAM COVERED WITH A GEOTEXTILE FABRIC. THE TEMPORARY DITCH CHECK SHALL BE INSTALLED ON A GEOTEXTILE FABRIC APRON. TEMPORARY DITCH CHECKS SHALL BE INSTALLED AT THE LOCATIONS SPECIFIED ON THE EROSION CONTROL PLAN, OR AS DIRECTED BY THE ENGINEER, AND IN ACCORDANCE WITH THE DETAIL INCLUDED IN THE PLANS AND THE MANUFACTURER'S RECOMMENDATIONS.
3. TEMPORARY DITCH CHECK SHALL BE LIMITED TO TRIANGULAR SILT DIKES OR AN APPROVED EQUAL.

FILE NAME = DI-2173-erosion control-details.dgn	USER NAME = CEI.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	14	
		CHECKED - M.J.F.	REVISED -			CONTRACT NO. 63168-				
		DATE - 5/28/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(118)				
					SCALE: NONE	SHEET NO. 2 OF 8 SHEETS		STA.	TO STA.	

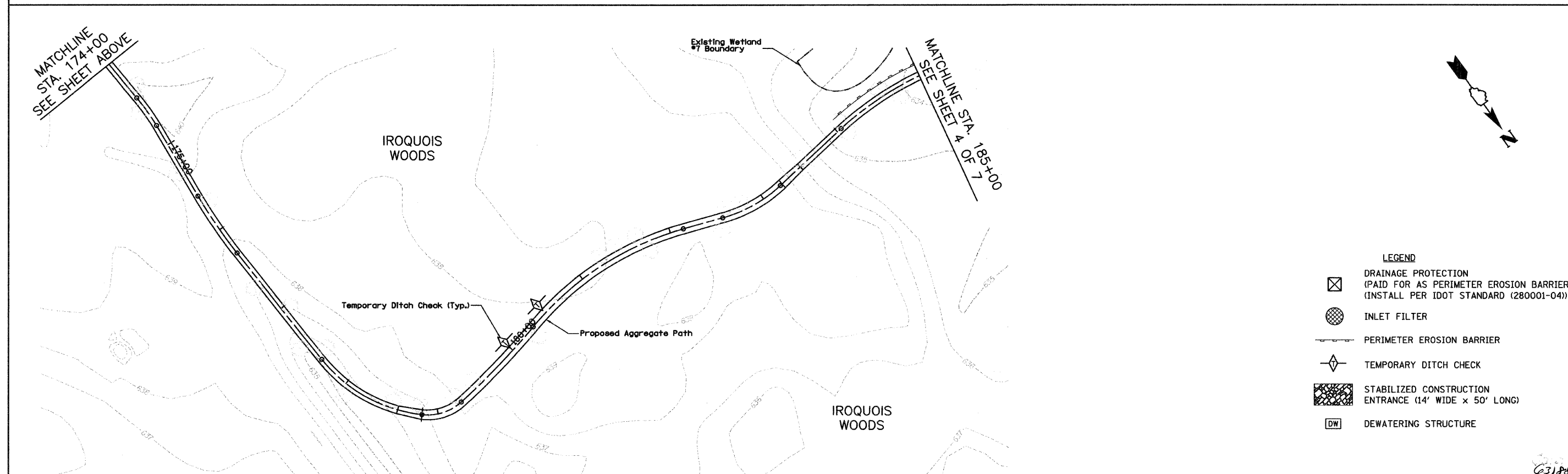
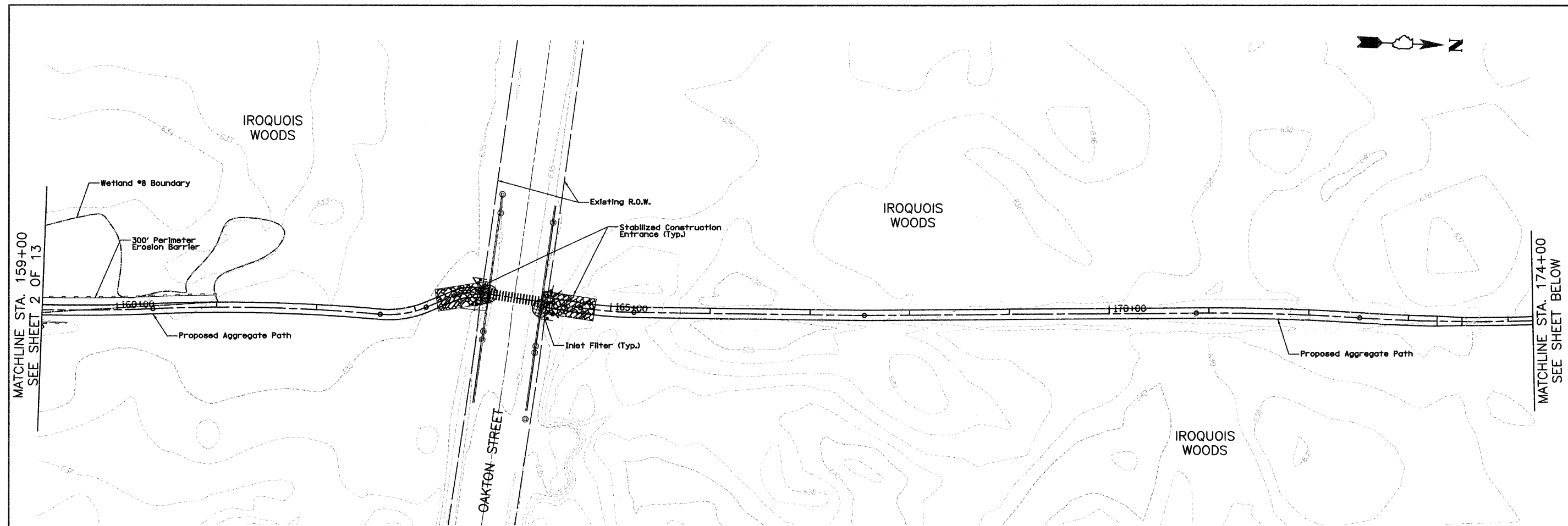
02188



FILE NAME = 01-2173-shtr-eo01.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0001' / IN.	CHECKED - M.J.F.	REVISED -			08-00202-00-SW	COOK	118	15	
	PLOT DATE = 1/29/2010	DATE - 5/28/09	REVISED -			CONTRACT NO. 63160				
					SCALE: 1' = 50'	SHEET NO. 3 OF 8 SHEETS		STA. 101+80 TO STA. 129+00		FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: CMM-9003(116)

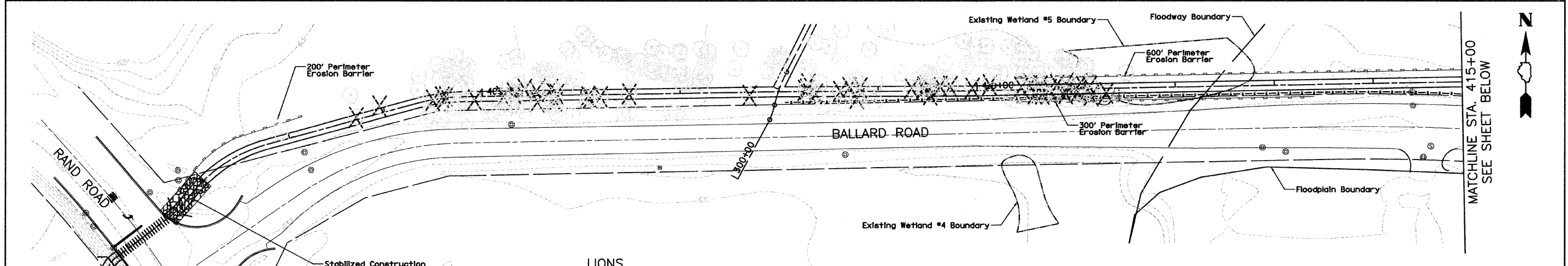
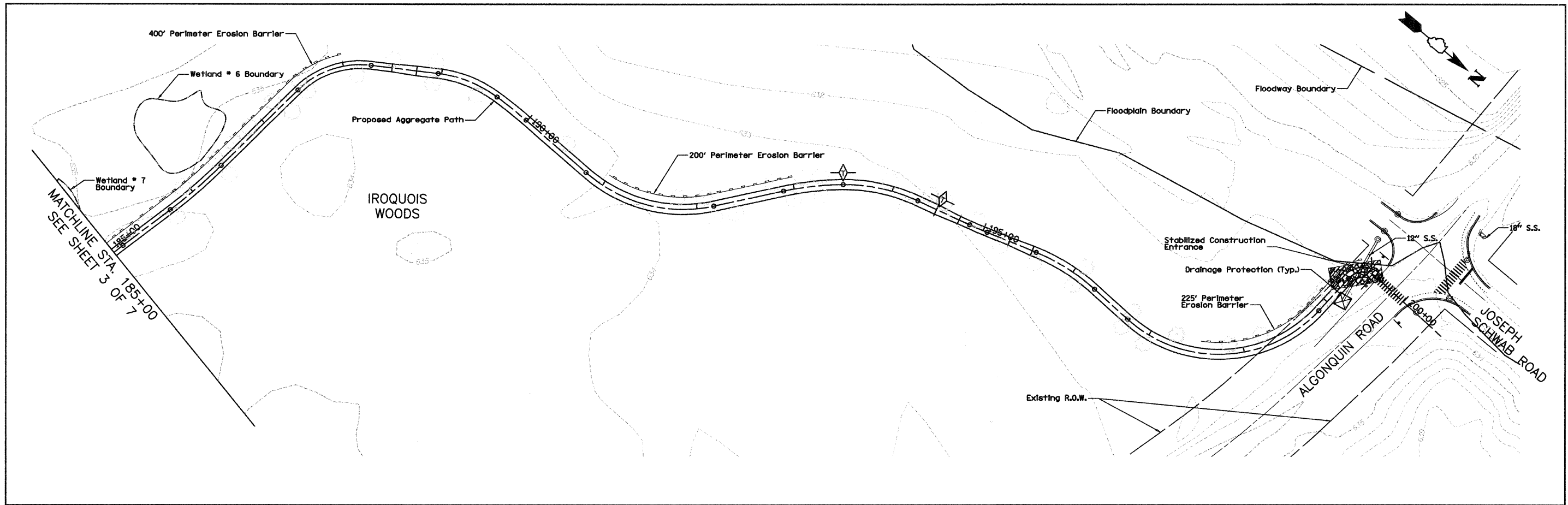


FILE NAME = 01-2173-shtr-ec02.dgn	USER NAME = CEI.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
		DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	16
		CHECKED - M.J.F.	REVISED -			CONTRACT NO. 63168-			
		DATE - 5/28/09	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT: CMM-9003(116)			
				SCALE: 1" = 50'		SHEET NO. 4 OF 8 SHEETS		STA. 129+00 TO STA. 159+00	

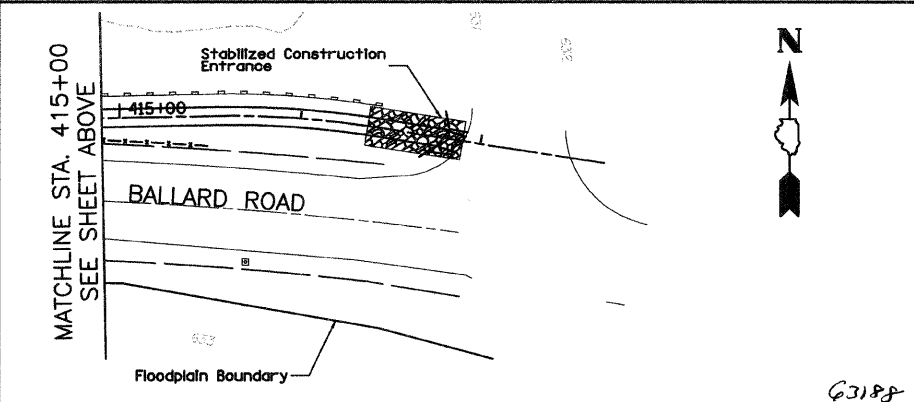


- LEGEND**
- DRAINAGE PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER) (INSTALL PER IDOT STANDARD (280001-04))
 - INLET FILTER
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - STABILIZED CONSTRUCTION ENTRANCE (14' WIDE x 50' LONG)
 - DEWATERING STRUCTURE

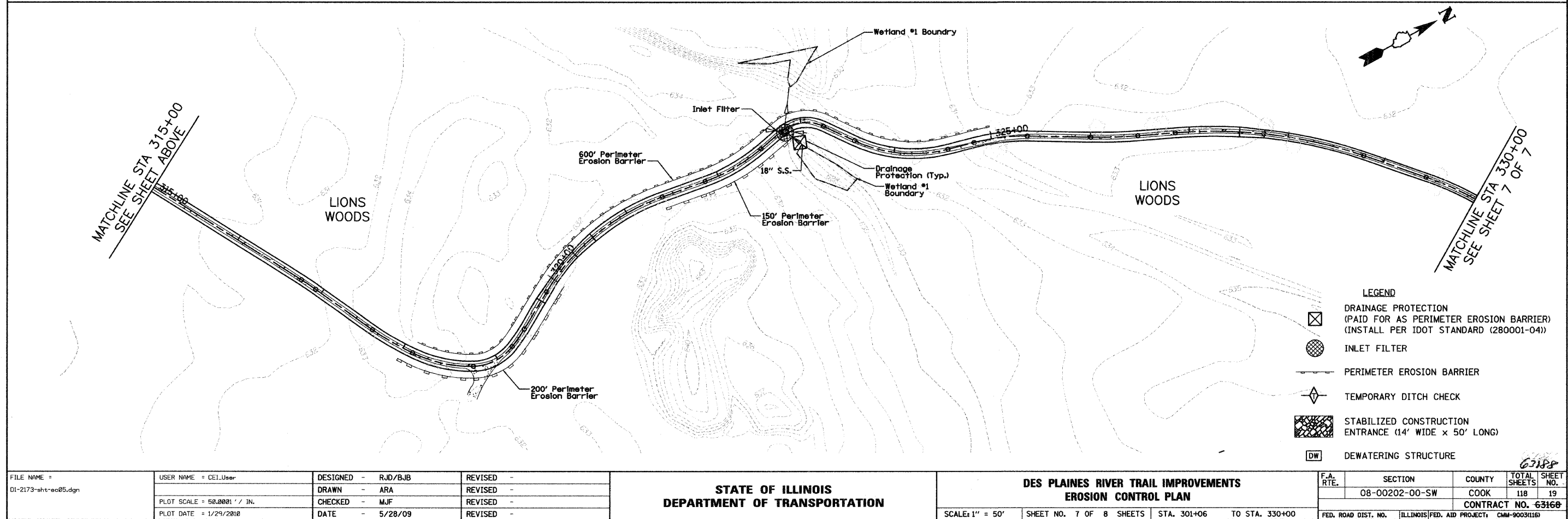
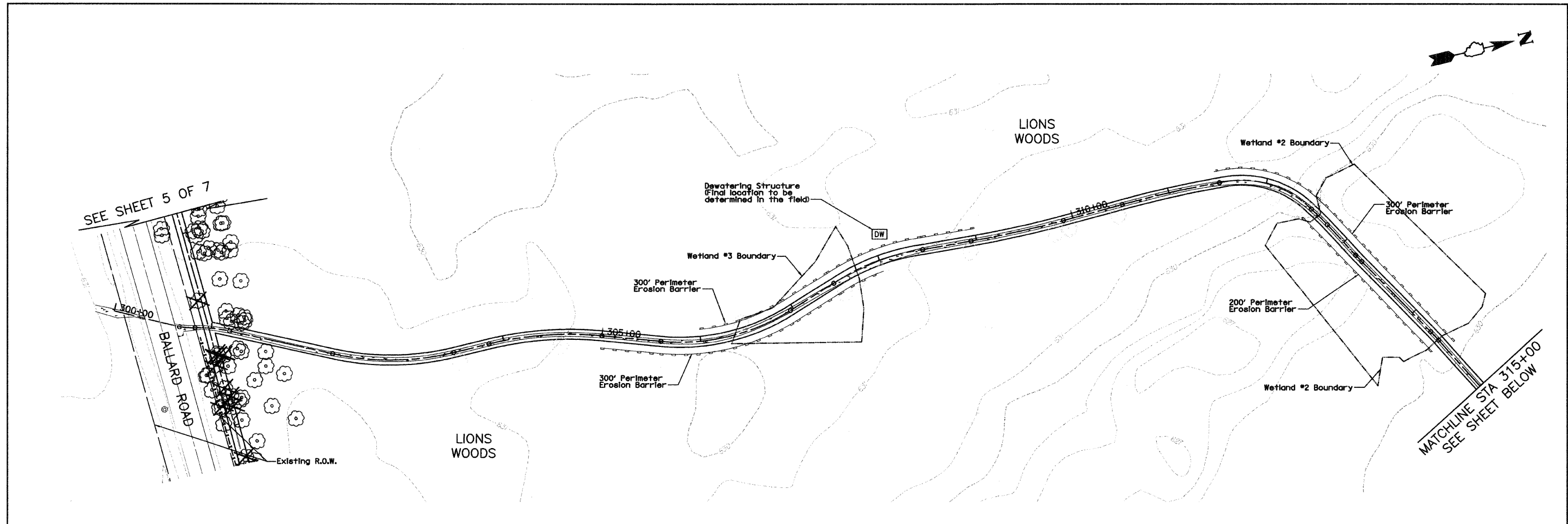
FILE NAME = D1-2173-sh1-ec03.dgn	USER NAME = CET.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 58,000' / IN.	CHECKED - M.J.F.	REVISED -				08-00202-00-SW	COOK	118	17	
	PLOT DATE = 1/29/2010	DATE - 5/28/09	REVISED -				CONTRACT NO. 63168				
					SCALE: 1' = 50'	SHEET NO. 5 OF 8 SHEETS	STA. 159+00	TO STA. 185+00		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT# CMM-9003(116)	



- LEGEND**
- DRAINAGE PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER) (INSTALL PER IDOT STANDARD (280001-04))
 - INLET FILTER
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - STABILIZED CONSTRUCTION ENTRANCE (14' WIDE x 50' LONG)
 - DEWATERING STRUCTURE



FILE NAME = D1-2173-sh1-ec04.dgn	USER NAME = CEL\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL PLAN		F.A. RTE.	SECTION 08-00202-00-SW	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 18
	PLOT SCALE = 58.0001' / IN.	CHECKED - M.J.F.	REVISED -		SCALE: 1' = 50'	SHEET NO. 6 OF 8 SHEETS	STA. 185+00 TO STA. 199+63	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT#	CMM-9003(116)	CONTRACT NO. - 63168
	PLOT DATE = 1/29/2010	DATE - 5/28/09	REVISED -		63168						



- LEGEND**
- DRAINAGE PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER) (INSTALL PER IDOT STANDARD (280001-04))
 - INLET FILTER
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - STABILIZED CONSTRUCTION ENTRANCE (14' WIDE x 50' LONG)
 - DEWATERING STRUCTURE

FILE NAME = D1-2173-shr-ec05.dgn
 USER NAME = CEI>User

DESIGNED - RJD/BJB	REVISED -
DRAWN - ARA	REVISED -
CHECKED - M/J	REVISED -
DATE - 5/28/09	REVISED -

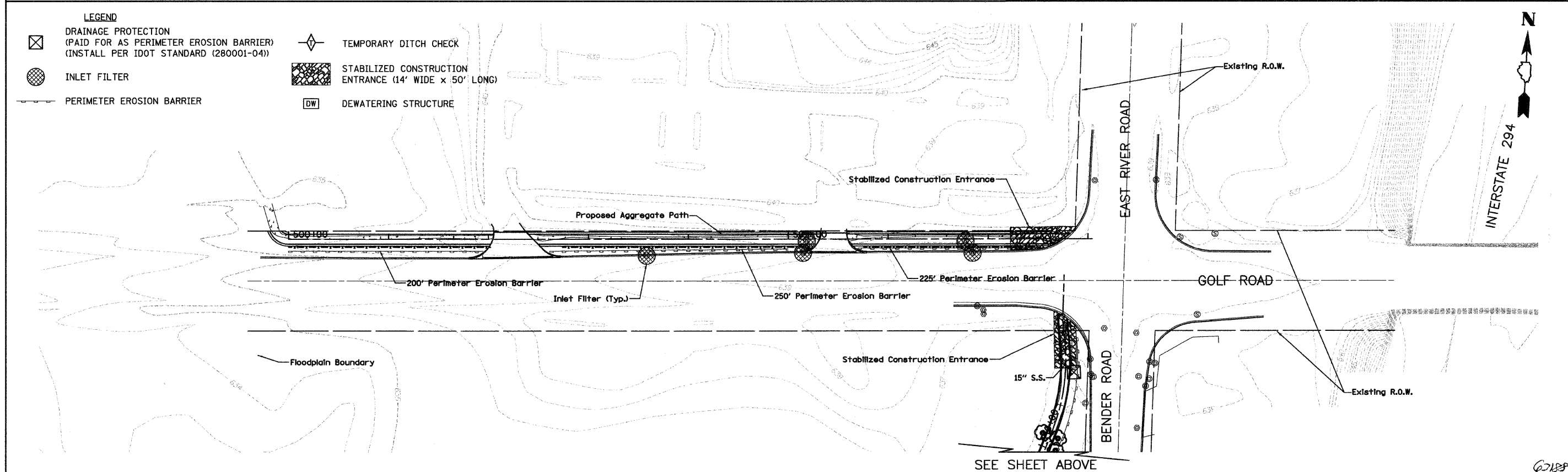
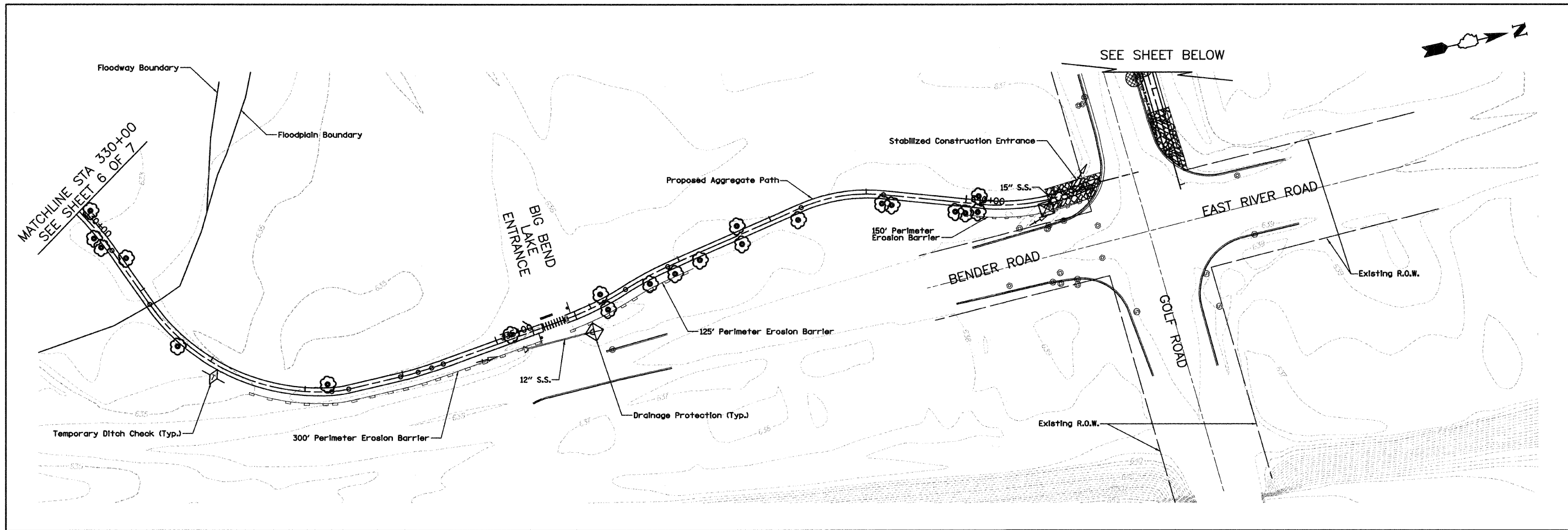
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DES PLAINES RIVER TRAIL IMPROVEMENTS
 EROSION CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. 7 OF 8 SHEETS STA. 301+06 TO STA. 330+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
	08-00202-00-SW	COOK	118 19
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT: CMM-9003(116)			CONTRACT NO. 63168

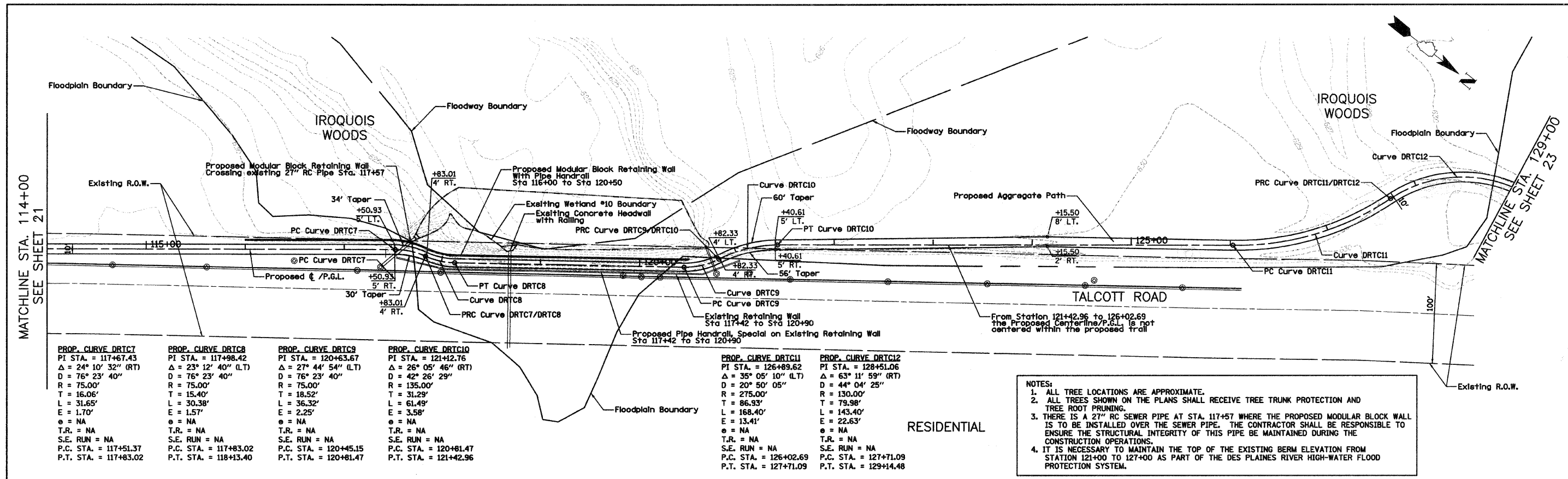
63168



- LEGEND**
- DRAINAGE PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER) (INSTALL PER IDOT STANDARD (280001-04))
 - INLET FILTER
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - STABILIZED CONSTRUCTION ENTRANCE (14' WIDE x 50' LONG)
 - DEWATERING STRUCTURE

FILE NAME = DI-2173-shr-eo06.dgn	USER NAME = CEI.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS EROSION CONTROL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0001' / IN.	DRAWN - ARA	REVISED -		SCALE: 1' = 50'	SHEET NO. 8 OF 8 SHEETS	STA. 330+00 TO STA. 341+06	08-00202-00-SW	COOK	118	20
	PLOT DATE = 1/29/2010	CHECKED - MJF	REVISED -		CONTRACT NO. 63168						
		DATE - 5/28/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)						

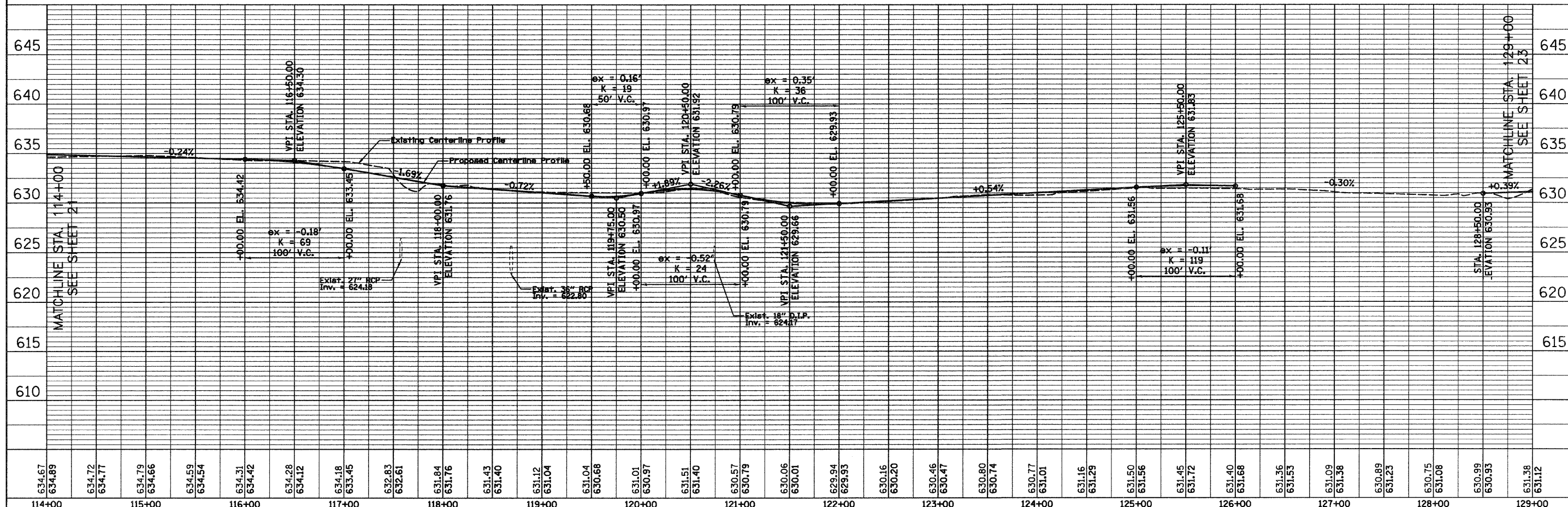
PLAN	SURVEYED	DATE
	DESIGNED	
	CHECKED	
	BY	
	NO. OF DAYS CHECKED	
	RT. OF WAY CHECKED	
	CAD FILE NAME	
	NO.	



PROP. CURVE DRTC7	PROP. CURVE DRTC8	PROP. CURVE DRTC9	PROP. CURVE DRTC10	PROP. CURVE DRTC11	PROP. CURVE DRTC12
PI STA. = 117+67.43	PI STA. = 117+98.42	PI STA. = 120+63.67	PI STA. = 121+42.76	PI STA. = 126+89.62	PI STA. = 128+51.06
Δ = 24° 10' 32" (RT)	Δ = 23° 12' 40" (LT)	Δ = 27° 44' 54" (LT)	Δ = 26° 05' 46" (RT)	Δ = 35° 05' 10" (LT)	Δ = 63° 11' 59" (RT)
D = 76° 23' 40"	D = 76° 23' 40"	D = 76° 23' 40"	D = 42° 26' 29"	D = 20° 50' 05"	D = 44° 04' 25"
R = 75.00'	R = 75.00'	R = 75.00'	R = 135.00'	R = 275.00'	R = 130.00'
T = 16.06'	T = 15.40'	T = 18.52'	T = 31.29'	T = 86.93'	T = 79.98'
L = 31.65'	L = 30.38'	L = 36.32'	L = 61.49'	L = 168.40'	L = 143.40'
E = 1.70'	E = 1.57'	E = 2.25'	E = 3.58'	E = 13.41'	E = 22.63'
e = NA	e = NA	e = NA	e = NA	e = NA	e = NA
T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA
S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA
P.C. STA. = 117+51.37	P.C. STA. = 117+83.02	P.C. STA. = 120+45.15	P.C. STA. = 120+81.47	P.C. STA. = 126+02.69	P.C. STA. = 127+71.09
P.T. STA. = 117+83.02	P.T. STA. = 118+13.40	P.T. STA. = 120+81.47	P.T. STA. = 121+42.96	P.T. STA. = 127+71.09	P.T. STA. = 129+14.48

- NOTES:**
1. ALL TREE LOCATIONS ARE APPROXIMATE.
 2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.
 3. THERE IS A 27" RC SEWER PIPE AT STA. 117+57 WHERE THE PROPOSED MODULAR BLOCK WALL IS TO BE INSTALLED OVER THE SEWER PIPE. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THE STRUCTURAL INTEGRITY OF THIS PIPE BE MAINTAINED DURING THE CONSTRUCTION OPERATIONS.
 4. IT IS NECESSARY TO MAINTAIN THE TOP OF THE EXISTING BERM ELEVATION FROM STATION 121+00 TO 127+00 AS PART OF THE DES PLAINES RIVER HIGH-WATER FLOOD PROTECTION SYSTEM.

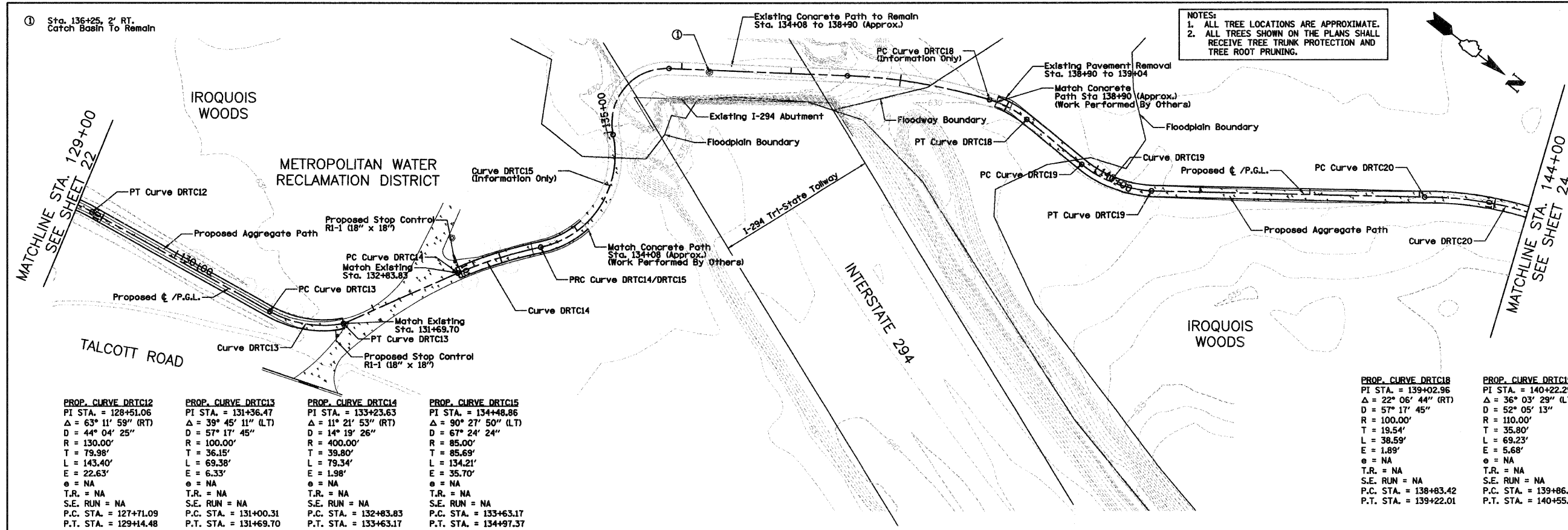
PROFILE	SURVEYED	DATE
	DESIGNED	
	CHECKED	
	BY	
	NO. OF DAYS CHECKED	
	RT. OF WAY CHECKED	
	CAD FILE NAME	
	NO.	



634.67	634.89	634.72	634.77	634.79	634.66	634.59	634.54	634.31	634.42	634.28	634.12	634.18	633.45	632.83	632.61	631.84	631.76	631.43	631.40	631.12	631.04	631.04	630.68	631.01	630.97	631.51	631.40	630.57	630.79	630.06	630.01	629.94	629.93	630.16	630.20	630.46	630.47	630.80	630.74	630.77	631.01	631.16	631.29	631.50	631.56	631.45	631.72	631.40	631.68	631.36	631.53	631.09	631.38	630.89	631.23	630.75	631.08	630.99	630.93	631.38	631.12
114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00																																														

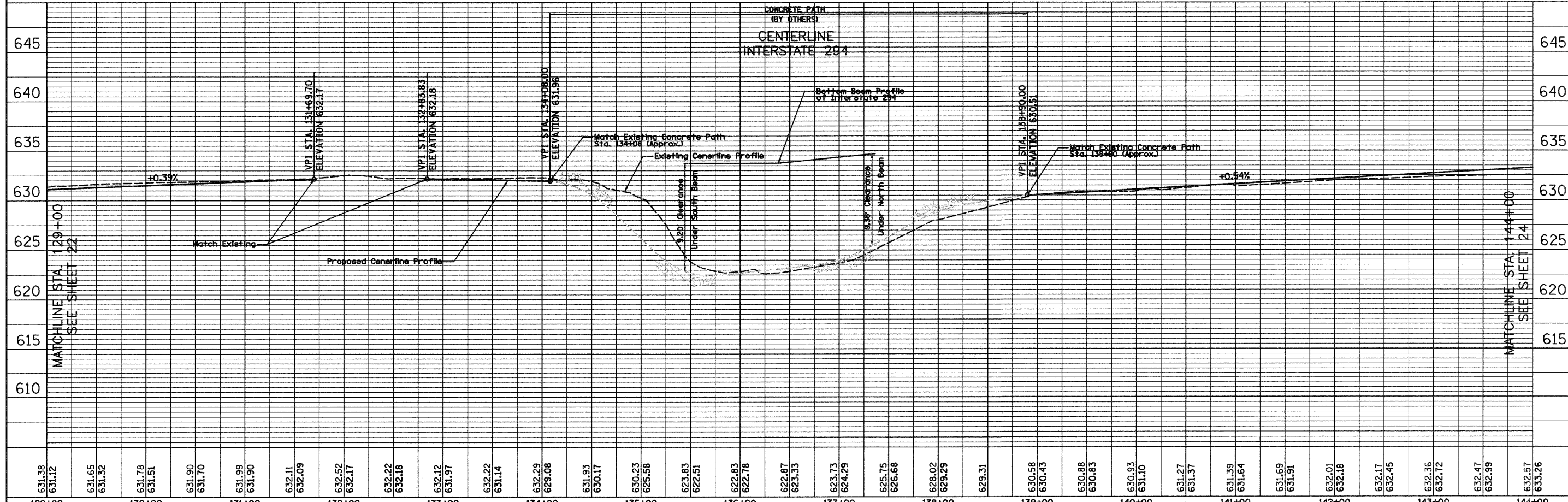
① Sta. 136+25, 2' RT.
Catch Basin To Remain

NOTES:
1. ALL TREE LOCATIONS ARE APPROXIMATE.
2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.



PROP. CURVE DRTC12	PROP. CURVE DRTC13	PROP. CURVE DRTC14	PROP. CURVE DRTC15
PI STA. = 128+51.06	PI STA. = 131+36.47	PI STA. = 133+23.63	PI STA. = 134+48.86
$\Delta = 63^\circ 11' 59''$ (RT)	$\Delta = 39^\circ 45' 11''$ (LT)	$\Delta = 11^\circ 21' 53''$ (RT)	$\Delta = 90^\circ 27' 50''$ (LT)
D = 44' 04" 25"	D = 57' 17" 45"	D = 14' 19" 26"	D = 67' 24" 24"
R = 130.00'	R = 100.00'	R = 400.00'	R = 85.00'
T = 79.98'	T = 36.15'	T = 39.80'	T = 85.69'
L = 143.40'	L = 69.38'	L = 79.34'	L = 134.21'
E = 22.63'	E = 6.33'	E = 1.98'	E = 35.70'
$e = NA$	$e = NA$	$e = NA$	$e = NA$
T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA
S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA
P.C. STA. = 127+71.09	P.C. STA. = 131+00.31	P.C. STA. = 132+83.83	P.C. STA. = 133+63.17
P.T. STA. = 129+14.48	P.T. STA. = 131+69.70	P.T. STA. = 133+63.17	P.T. STA. = 134+97.37

PROP. CURVE DRTC18	PROP. CURVE DRTC19	PROP. CURVE DRTC20
PI STA. = 139+02.96	PI STA. = 140+22.29	PI STA. = 144+10.05
$\Delta = 22^\circ 06' 44''$ (RT)	$\Delta = 36^\circ 03' 29''$ (LT)	$\Delta = 35^\circ 51' 38''$ (RT)
D = 57' 17" 45"	D = 52' 05" 13"	D = 17' 37" 46"
R = 100.00'	R = 110.00'	R = 325.00'
T = 19.54'	T = 35.80'	T = 105.16'
L = 38.59'	L = 69.23'	L = 203.41'
E = 1.89'	E = 5.68'	E = 16.59'
$e = NA$	$e = NA$	$e = NA$
T.R. = NA	T.R. = NA	T.R. = NA
S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA
P.C. STA. = 138+83.42	P.C. STA. = 139+86.48	P.C. STA. = 143+04.89
P.T. STA. = 139+22.01	P.T. STA. = 140+55.71	P.T. STA. = 145+08.30



631.38 631.12	631.65 631.32	631.78 631.51	631.90 631.70	631.99 631.90	632.11 632.09	632.52 632.17	632.22 632.18	632.12 631.97	632.22 631.14	632.29 629.08	631.93 630.17	630.23 625.58	623.83 622.51	622.83 622.78	622.87 623.33	623.73 624.29	625.75 626.68	628.02 629.29	629.31	630.58 630.43	630.88 630.83	630.93 631.10	631.27 631.57	631.39 631.64	631.69 631.91	632.01 632.18	632.17 632.45	632.36 632.72	632.47 632.99	632.57 633.26
129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00															

FILE NAME = D1-2173-shr-plnprf83.dgn

USER NAME = CEI>User
 DESIGNED - RJD/BJB
 DRAWN - ARA
 CHECKED - MJF
 DATE - 5/28/09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL IMPROVEMENTS
 PLAN AND PROFILE
 SCALE: 1"=50'H 1"=5'V SHEET NO. 3 OF 13 SHEETS STA. 129+00 TO STA. 144+00

F.A. RTE. SECTION COUNTY TOTAL SHEETS NO.
 08-00202-00-SW COOK 118 23
 CONTRACT NO. 63188
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003116

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	BY	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	BY	
	CHECKED	
	BY	
	DATE	

PROP. CURVE DRTC20
 PI STA. = 144+10.01
 Δ = 35° 51' 38" (RT)
 D = 17° 37' 46"
 R = 325.00'
 T = 105.16'
 L = 203.41'
 E = 16.59'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 143+04.85
 P.T. STA. = 145+08.26

PROP. CURVE DRTC21
 PI STA. = 145+73.70
 Δ = 24° 02' 24" (LT)
 D = 28° 38' 52"
 R = 200.00'
 T = 42.58'
 L = 83.92'
 E = 4.48'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 145+31.12
 P.T. STA. = 146+15.04

NOTES:
 1. ALL TREE LOCATIONS ARE APPROXIMATE.
 2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.

PROP. CURVE C029
 PI STA. = 155+02.71
 Δ = 35° 51' 18" (LT)
 D = 17° 54' 18"
 R = 320.00'
 T = 103.53'
 L = 200.25'
 E = 16.33'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 153+99.18
 P.T. STA. = 155+99.43

PROP. CURVE C030
 PI STA. = 156+40.76
 Δ = 61° 06' 55" (RT)
 D = 81° 51' 04"
 R = 70.00'
 T = 41.33'
 L = 74.67'
 E = 11.29'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 155+99.43
 P.T. STA. = 156+74.10

PROP. CURVE C031
 PI STA. = 157+92.34
 Δ = 4° 20' 59" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 11.39'
 L = 22.77'
 E = 0.22'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 157+80.95
 P.T. STA. = 158+03.72

PROP. CURVE C032
 PI STA. = 159+20.02
 Δ = 7° 36' 16" (LT)
 D = 3° 16' 27"
 R = 1,750.00'
 T = 116.30'
 L = 232.26'
 E = 3.86'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 158+03.72
 P.T. STA. = 160+35.98

PROP. CURVE C022
 PI STA. = 147+22.98
 Δ = 10° 49' 26" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 28.42'
 L = 56.67'
 E = 1.34'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 146+94.56
 P.T. STA. = 147+51.24

PROP. CURVE C023
 PI STA. = 147+84.26
 Δ = 4° 18' 08" (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 11.27'
 L = 22.53'
 E = 0.21'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 147+72.99
 P.T. STA. = 147+95.51

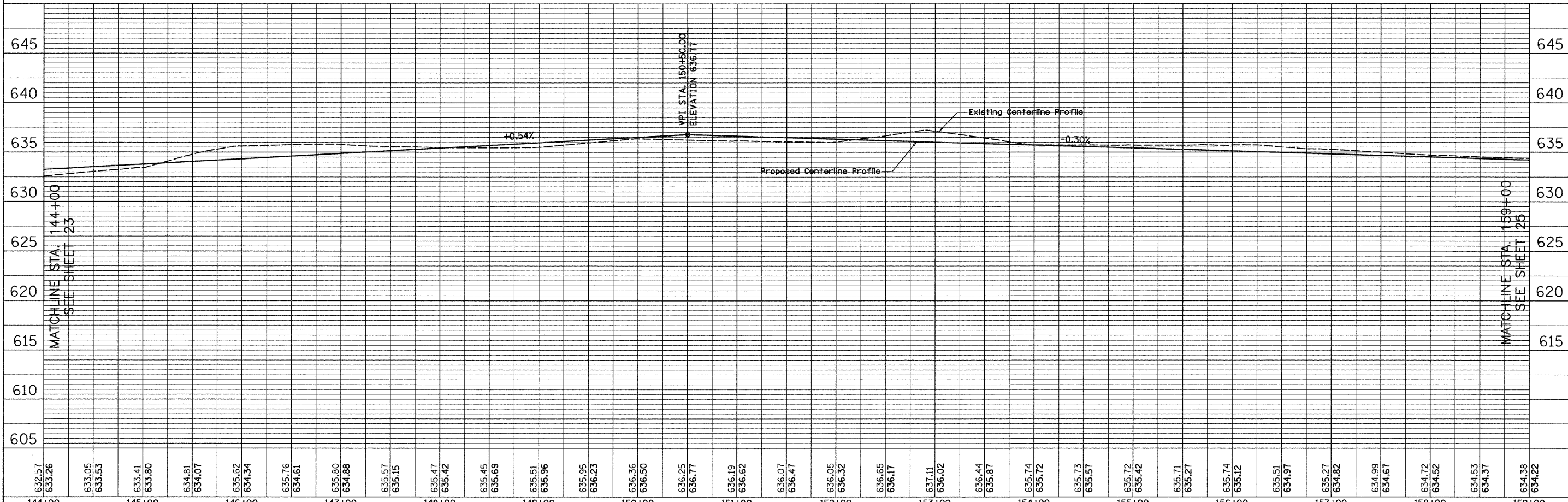
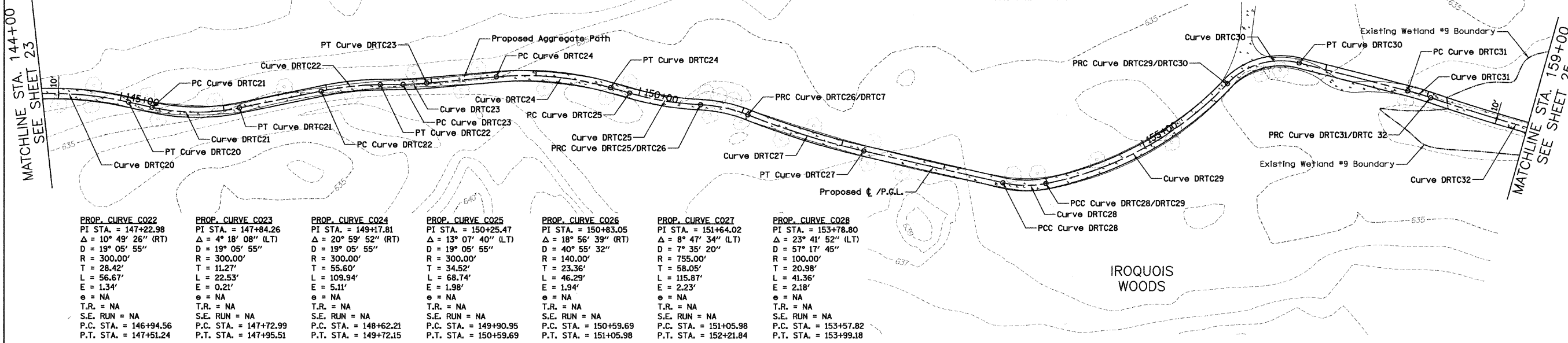
PROP. CURVE C024
 PI STA. = 149+17.81
 Δ = 20° 59' 52" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 55.60'
 L = 109.94'
 E = 5.11'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 148+62.21
 P.T. STA. = 149+72.15

PROP. CURVE C025
 PI STA. = 150+25.47
 Δ = 13° 07' 40" (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 34.52'
 L = 68.74'
 E = 1.98'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 149+90.95
 P.T. STA. = 150+59.69

PROP. CURVE C026
 PI STA. = 150+83.05
 Δ = 18° 58' 39" (RT)
 D = 40° 55' 32"
 R = 140.00'
 T = 23.36'
 L = 46.29'
 E = 1.94'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 150+59.69
 P.T. STA. = 151+05.98

PROP. CURVE C027
 PI STA. = 151+64.02
 Δ = 8° 47' 34" (LT)
 D = 7° 35' 20"
 R = 755.00'
 T = 58.05'
 L = 115.87'
 E = 2.23'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 151+05.98
 P.T. STA. = 152+21.84

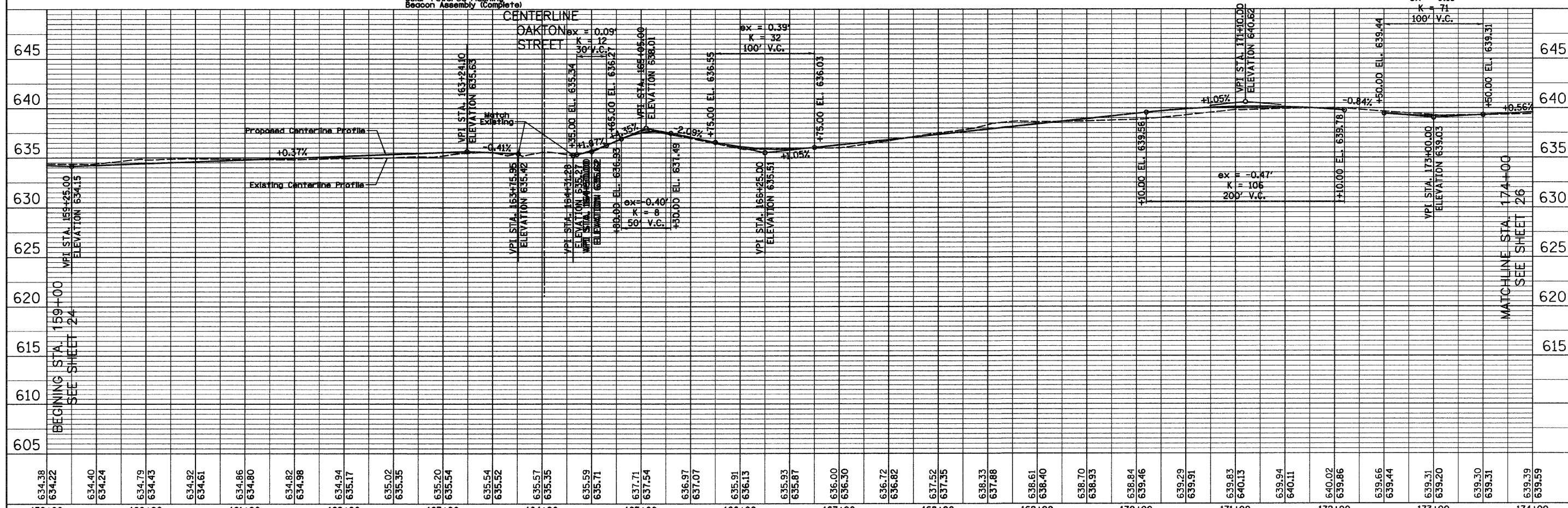
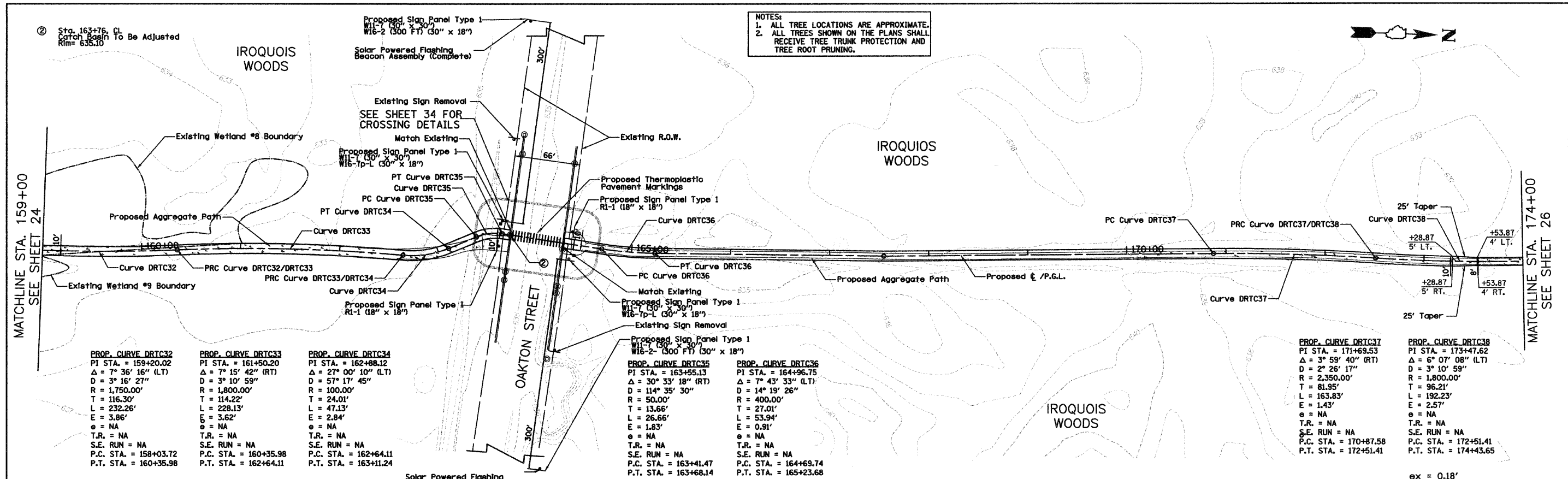
PROP. CURVE C028
 PI STA. = 153+78.80
 Δ = 23° 41' 52" (LT)
 D = 57° 17' 45"
 R = 100.00'
 T = 20.98'
 L = 41.36'
 E = 2.18'
 e = NA
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 153+57.82
 P.T. STA. = 153+99.18



FILE NAME =	USER NAME = CEI.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS PLAN AND PROFILE	SCALE: 1"=50'H 1"=5'V	SHEET NO. 4 OF 13 SHEETS	STA. 144+00 TO STA. 159+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
DI-2173-sh1-plnpr-f04.dgn	CHECKED - MJF	REVISED -	NO.									
PLOT SCALE = 5/8"=0'0" / IN.	DATE - 5/28/09	REVISED -	24									
PLOT DATE = 5/26/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188									
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)												

DATE	BY	REVISION

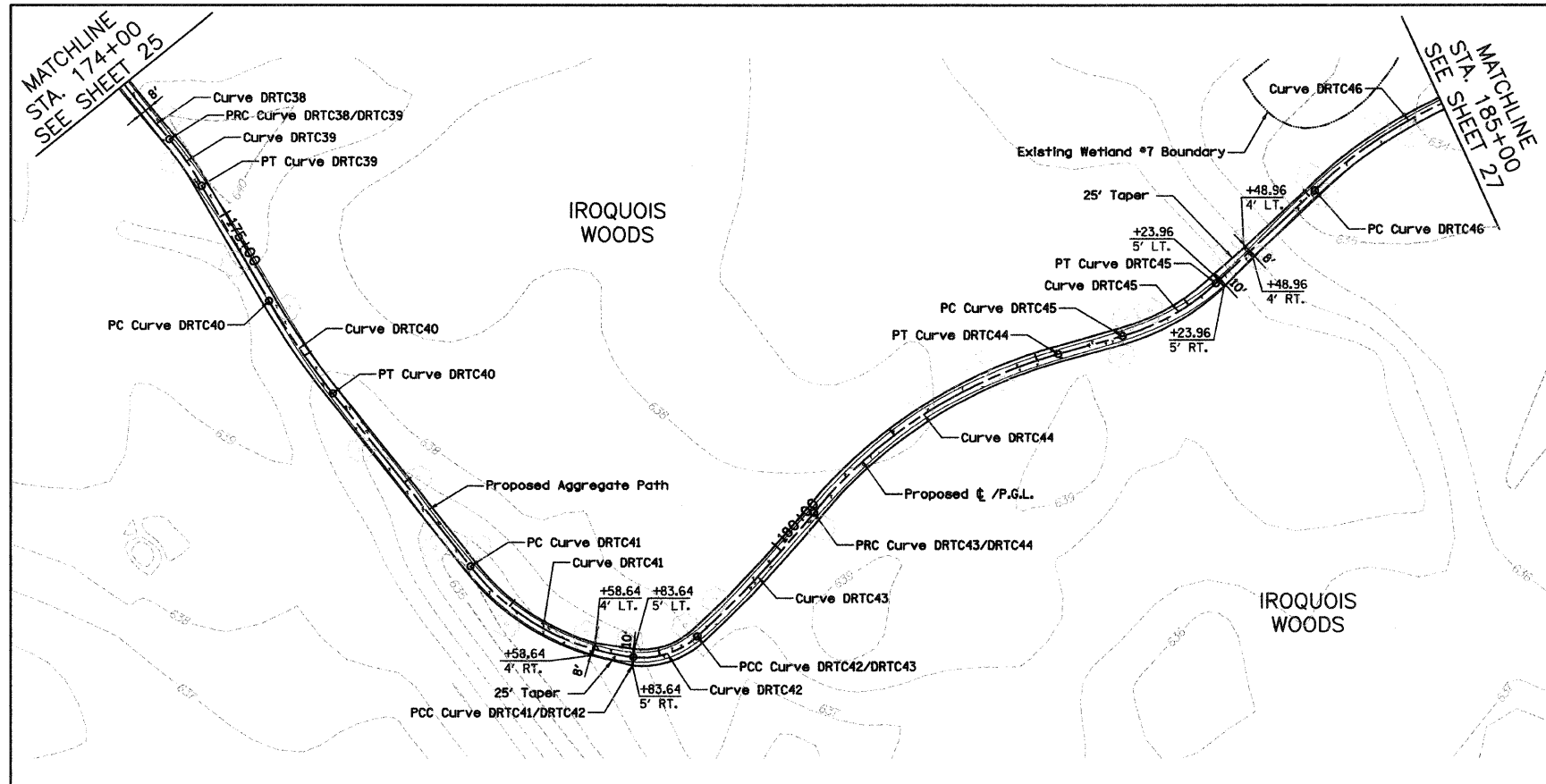
DATE	BY	REVISION



PLAN	SURVEYED	DATE
	DESIGNED	
	DRAWN	
	CHECKED	
	IN CHARGE	
	DATE	

PROFILE	SURVEYED	DATE
	DESIGNED	
	DRAWN	
	CHECKED	
	IN CHARGE	
	DATE	

FILE NAME = D:\2173\h\prf\2b.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS PLAN AND PROFILE	F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS
		DRAWN - ARA	REVISED -			08-00202-00-SW	ILLINOIS	118	25
		CHECKED - MJF	REVISED -			CONTRACT NO. 63188			
		DATE - 5/28/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003116			



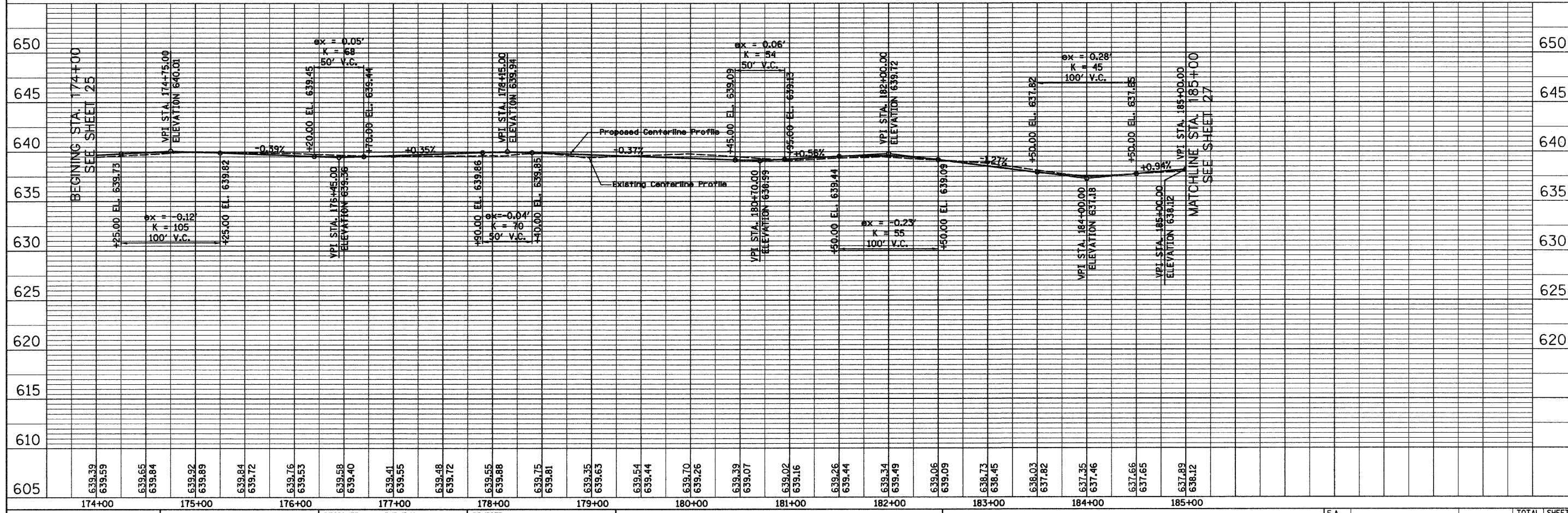
NOTES:
 1. ALL TREE LOCATIONS ARE APPROXIMATE.
 2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.

PROP. CURVE DRTC38	PROP. CURVE DRTC39	PROP. CURVE DRTC40	PROP. CURVE DRTC41
PI STA. = 173+47.62	PI STA. = 174+60.91	PI STA. = 175+94.61	PI STA. = 178+28.07
$\Delta = 6^\circ 07' 08''$ (LT)	$\Delta = 9^\circ 51' 54''$ (RT)	$\Delta = 7^\circ 57' 56''$ (LT)	$\Delta = 45^\circ 02' 53''$ (LT)
$D = 3^\circ 10' 59''$	$D = 28^\circ 38' 52''$	$D = 11^\circ 27' 33''$	$D = 38^\circ 11' 50''$
$R = 1,800.00'$	$R = 200.00'$	$R = 500.00'$	$R = 150.00'$
$T = 96.21'$	$T = 17.26'$	$T = 34.81'$	$T = 62.21'$
$L = 192.23'$	$L = 34.44'$	$L = 69.51'$	$L = 117.94'$
$E = 2.57'$	$E = 0.74'$	$E = 1.21'$	$E = 12.39'$
$e = NA$	$e = NA$	$e = NA$	$e = NA$
T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA
S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA
P.C. STA. = 172+51.41	P.C. STA. = 174+43.65	P.C. STA. = 175+59.80	P.C. STA. = 177+65.86
P.T. STA. = 174+43.65	P.T. STA. = 174+78.08	P.T. STA. = 176+29.31	P.T. STA. = 178+83.80

PROP. CURVE DRTC42	PROP. CURVE DRTC43	PROP. CURVE DRTC44	PROP. CURVE DRTC45	PROP. CURVE DRTC46
PI STA. = 179+06.59	PI STA. = 179+79.00	PI STA. = 181+25.47	PI STA. = 182+88.94	PI STA. = 184+58.92
$\Delta = 49^\circ 00' 55''$ (LT)	$\Delta = 7^\circ 59' 51''$ (LT)	$\Delta = 34^\circ 52' 10''$ (RT)	$\Delta = 27^\circ 20' 08''$ (LT)	$\Delta = 20^\circ 20' 47''$ (RT)
$D = 114^\circ 35' 30''$	$D = 7^\circ 38' 22''$	$D = 19^\circ 05' 55''$	$D = 40^\circ 55' 32''$	$D = 19^\circ 05' 55''$
$R = 50.00'$	$R = 750.00'$	$R = 300.00'$	$R = 140.00'$	$R = 300.00'$
$T = 22.79'$	$T = 52.43'$	$T = 94.21'$	$T = 53.83'$	$T = 53.83'$
$L = 42.77'$	$L = 104.69'$	$L = 182.58'$	$L = 66.79'$	$L = 106.53'$
$E = 4.95'$	$E = 1.83'$	$E = 14.45'$	$E = 4.08'$	$E = 4.79'$
$e = NA$	$e = NA$	$e = NA$	$e = NA$	$e = NA$
T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA	T.R. = NA
S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA	S.E. RUN = NA
P.C. STA. = 178+83.80	P.C. STA. = 179+26.57	P.C. STA. = 180+31.26	P.C. STA. = 182+54.89	P.C. STA. = 184+05.09
P.T. STA. = 179+26.57	P.T. STA. = 180+31.26	P.T. STA. = 182+13.83	P.T. STA. = 183+21.69	P.T. STA. = 185+11.62

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
NO.	CHECKED	
	RT. OF WAY	
	CHECKED	
	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	NOTED	
	STRUCTURE	
	NOTATIONS	
	CRKD	

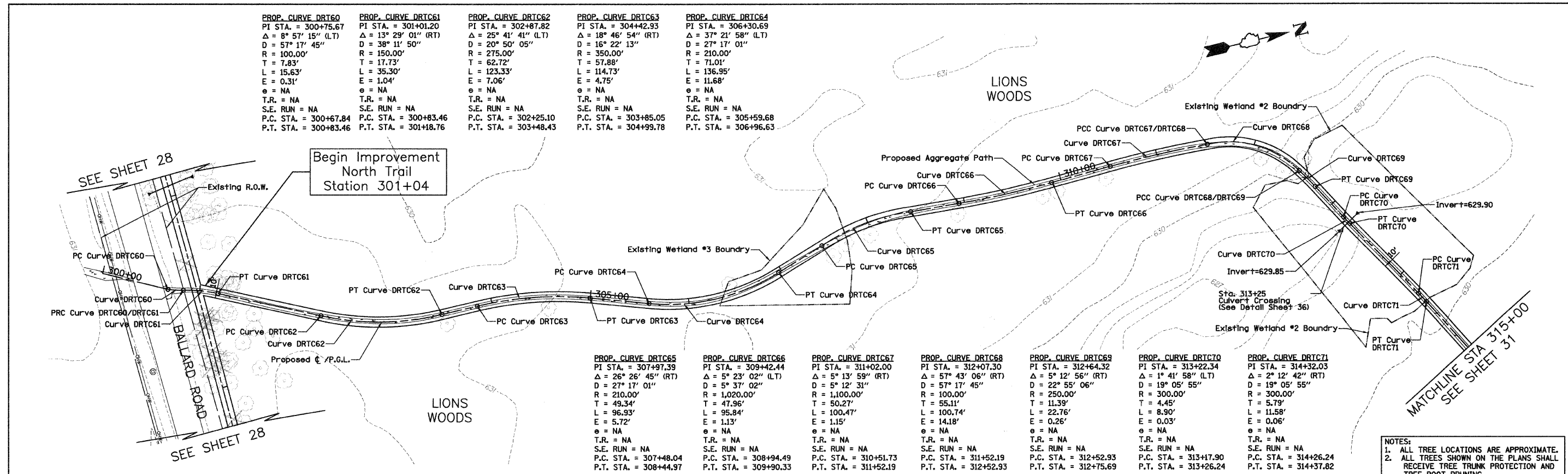


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	PLOT SCALE = 50.0000' / IN.	DRAWN - ARA	REVISED -		SCALE: 1"=50'H 1"=5'V	SHEET NO. 6 OF 13 SHEETS	STA. 174+00 TO STA. 185+00	08-00202-00-SW	COOK	118	26
	PLOT DATE = 10/13/2009	CHECKED - MJF	REVISED -					CONTRACT NO. 63188			
		DATE - 5/28/09	REVISED -					ILLINOIS FED. AID PROJECT: CMM-9003(116)			

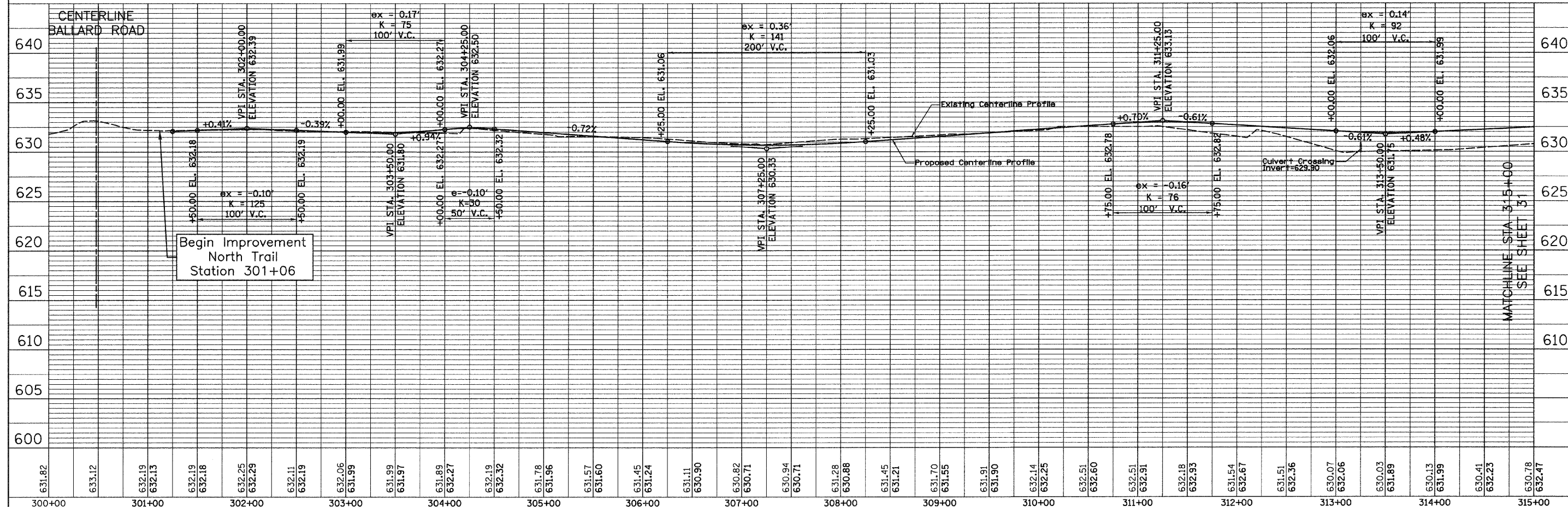
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	STRUCTURE NOTATION/NO.	
	NO.	

PROP. CURVE DRT60 PI STA. = 300+75.67 Δ = 8° 57' 15" (LT) D = 57° 17' 45" R = 100.00' T = 7.83' L = 15.63' E = 0.31' e = NA T.R. = NA S.E. RUN = NA P.C. STA. = 300+67.84 P.T. STA. = 300+83.46	PROP. CURVE DRT61 PI STA. = 301+01.20 Δ = 13° 29' 01" (RT) D = 38° 11' 50" R = 150.00' T = 17.73' L = 35.30' E = 1.04' e = NA T.R. = NA S.E. RUN = NA P.C. STA. = 300+83.46 P.T. STA. = 301+18.76	PROP. CURVE DRT62 PI STA. = 302+87.82 Δ = 25° 41' 41" (LT) D = 20° 50' 05" R = 275.00' T = 62.72' L = 123.33' E = 7.06' e = NA T.R. = NA S.E. RUN = NA P.C. STA. = 302+25.10 P.T. STA. = 303+48.43	PROP. CURVE DRT63 PI STA. = 304+42.93 Δ = 18° 46' 54" (RT) D = 16° 22' 13" R = 350.00' T = 57.88' L = 114.73' E = 4.75' e = NA T.R. = NA S.E. RUN = NA P.C. STA. = 303+85.05 P.T. STA. = 304+99.78	PROP. CURVE DRT64 PI STA. = 306+30.69 Δ = 37° 21' 58" (LT) D = 27° 17' 01" R = 210.00' T = 71.01' L = 136.95' E = 11.68' e = NA T.R. = NA S.E. RUN = NA P.C. STA. = 305+59.68 P.T. STA. = 306+96.63
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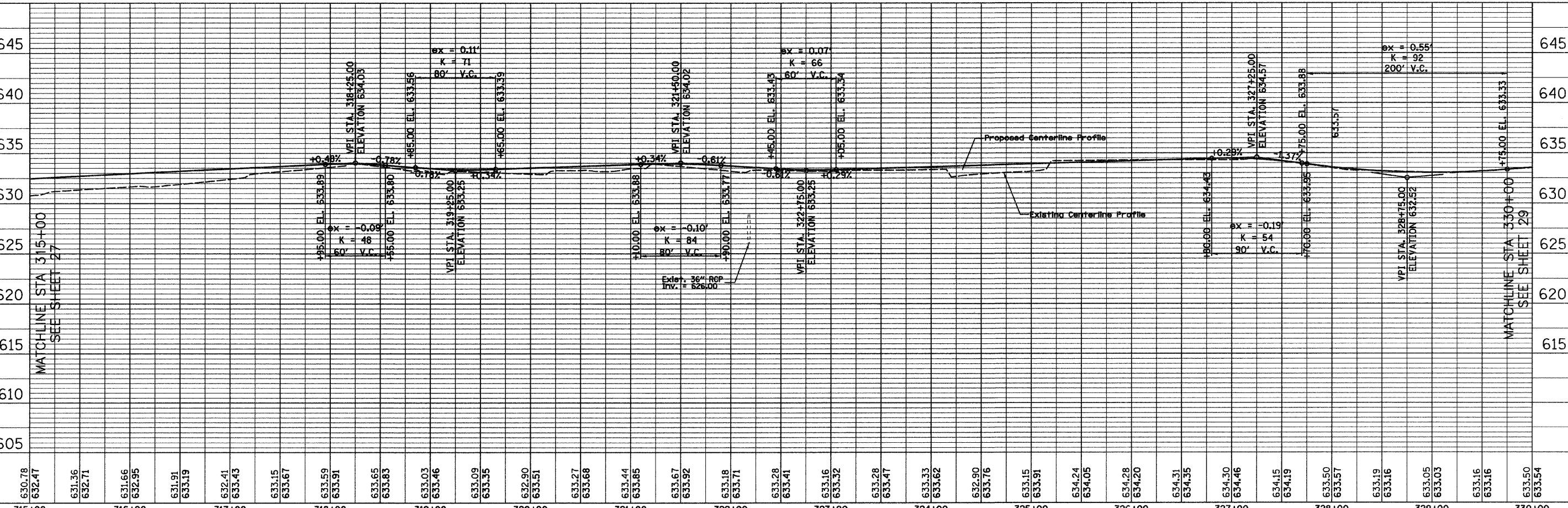
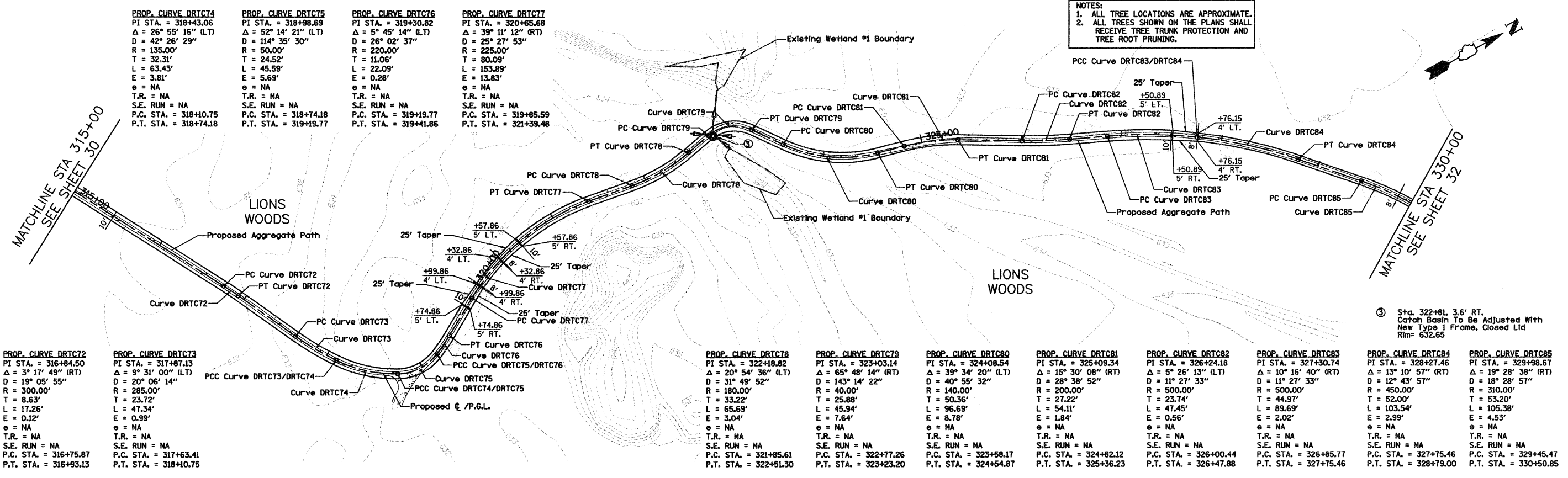


NOTES:
1. ALL TREE LOCATIONS ARE APPROXIMATE.
2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.



FILE NAME = D1-2173-ahp-plnprf18.dgn	USER NAME = CE1User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	30		
PLOT DATE = 5/28/09	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)							

NOTES:
 1. ALL TREE LOCATIONS ARE APPROXIMATE.
 2. ALL TREES SHOWN ON THE PLANS SHALL RECEIVE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.



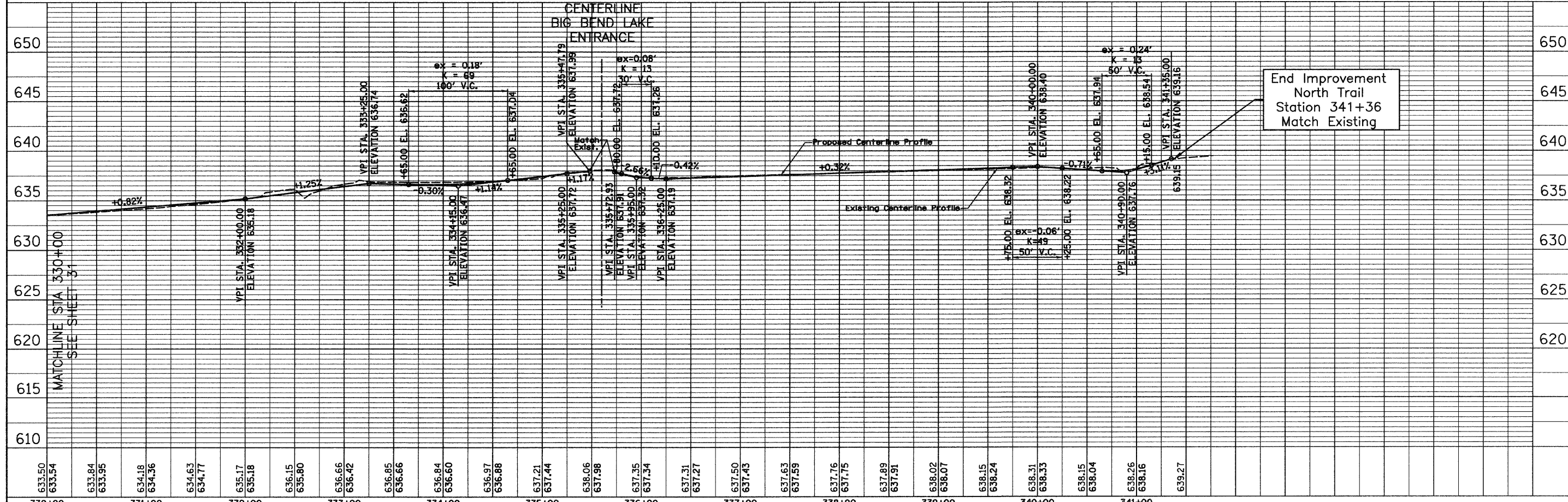
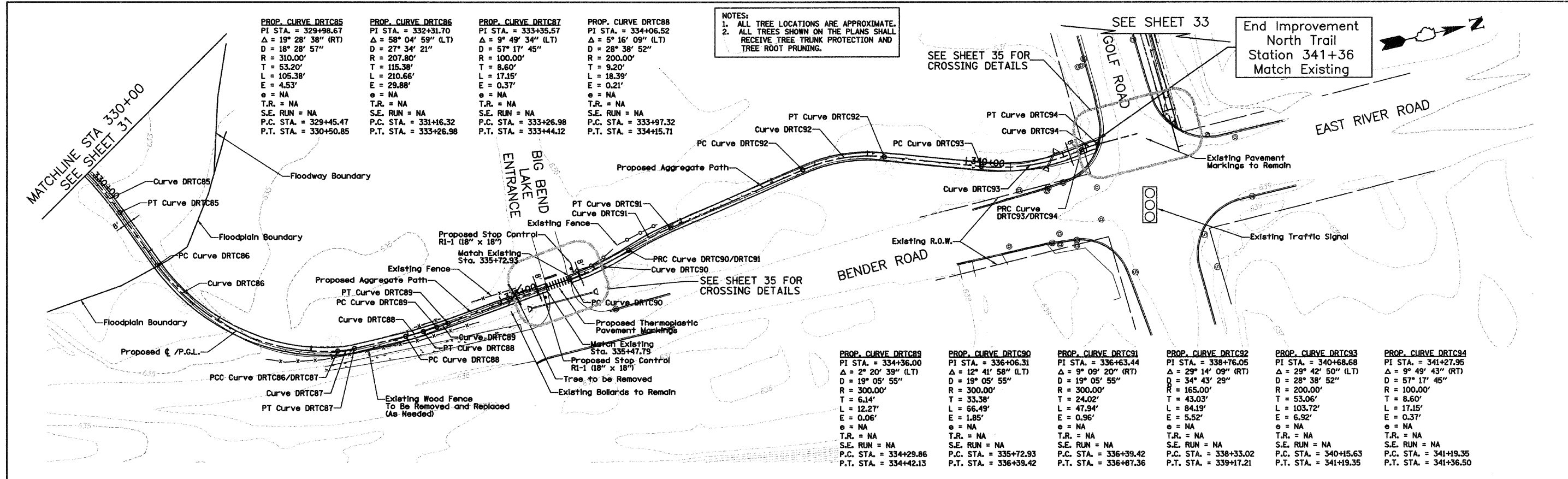
FILE NAME =	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
DI-2173-aht-p1nprf11.dgn		DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	31
		CHECKED - MJF	REVISED -			CONTRACT NO. 63188			
		DATE - 5/28/09	REVISED -			SCALE: 1"=50'H 1"=5'V SHEET NO. 11 OF 13 SHEETS STA. 315+00 TO STA. 330+00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003116			

PLAN	SURVEYED	BY	DATE
NO.	NO.		
	NOTE BOOK		
	NO. OF WAYS CHECKED		
	ADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NO.	NO.		
	NOTE BOOK		
	NO. OF WAYS CHECKED		
	STRUCTURE NOTATIONS CIPRO		

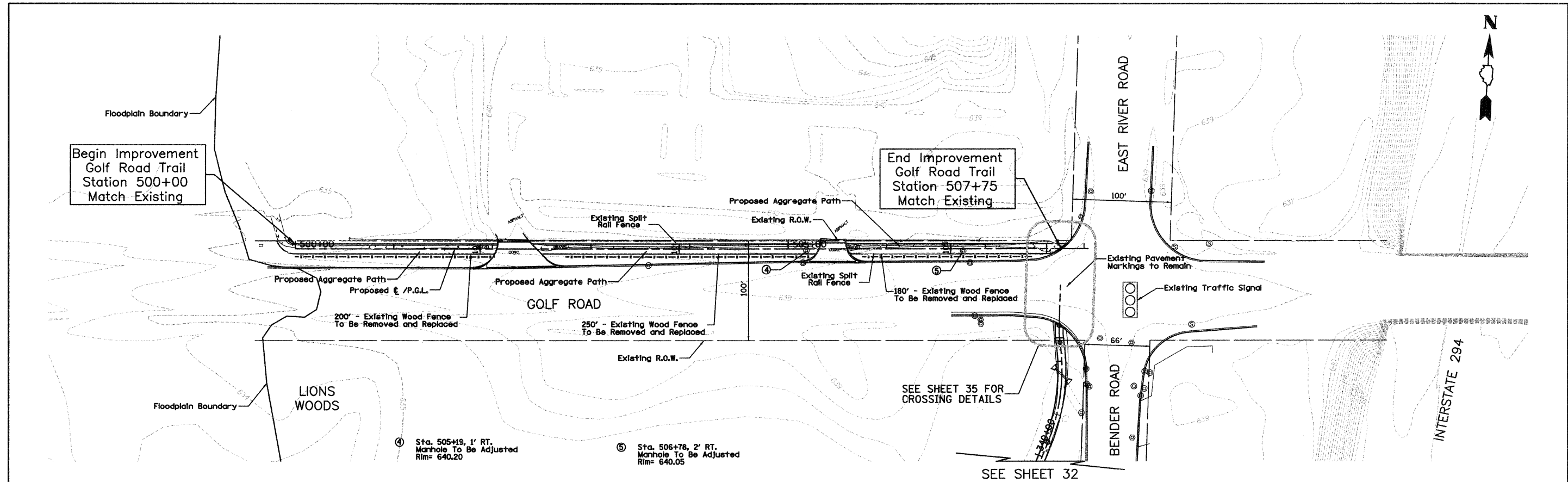
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	DATE FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
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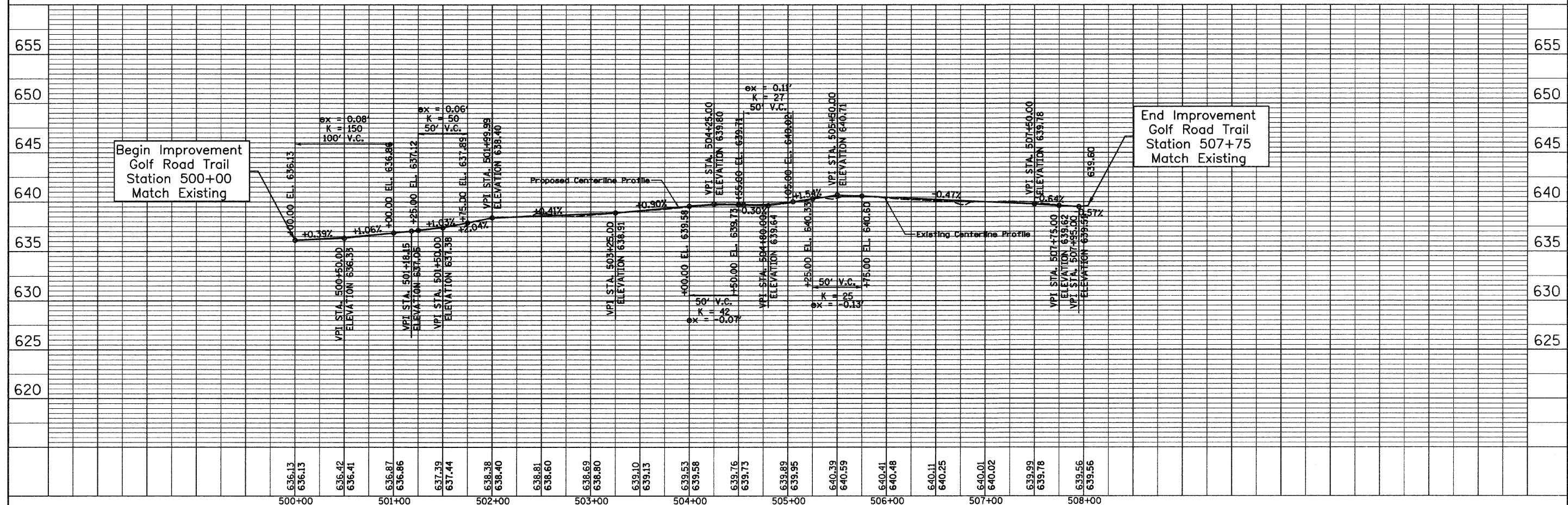


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PLOT SCALE = 50.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	32		
PLOT DATE = 9/30/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=50'H 1"=5'V SHEET NO. 12 OF 13 SHEETS STA.330+00 TO STA. 341+36							

PLAN	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
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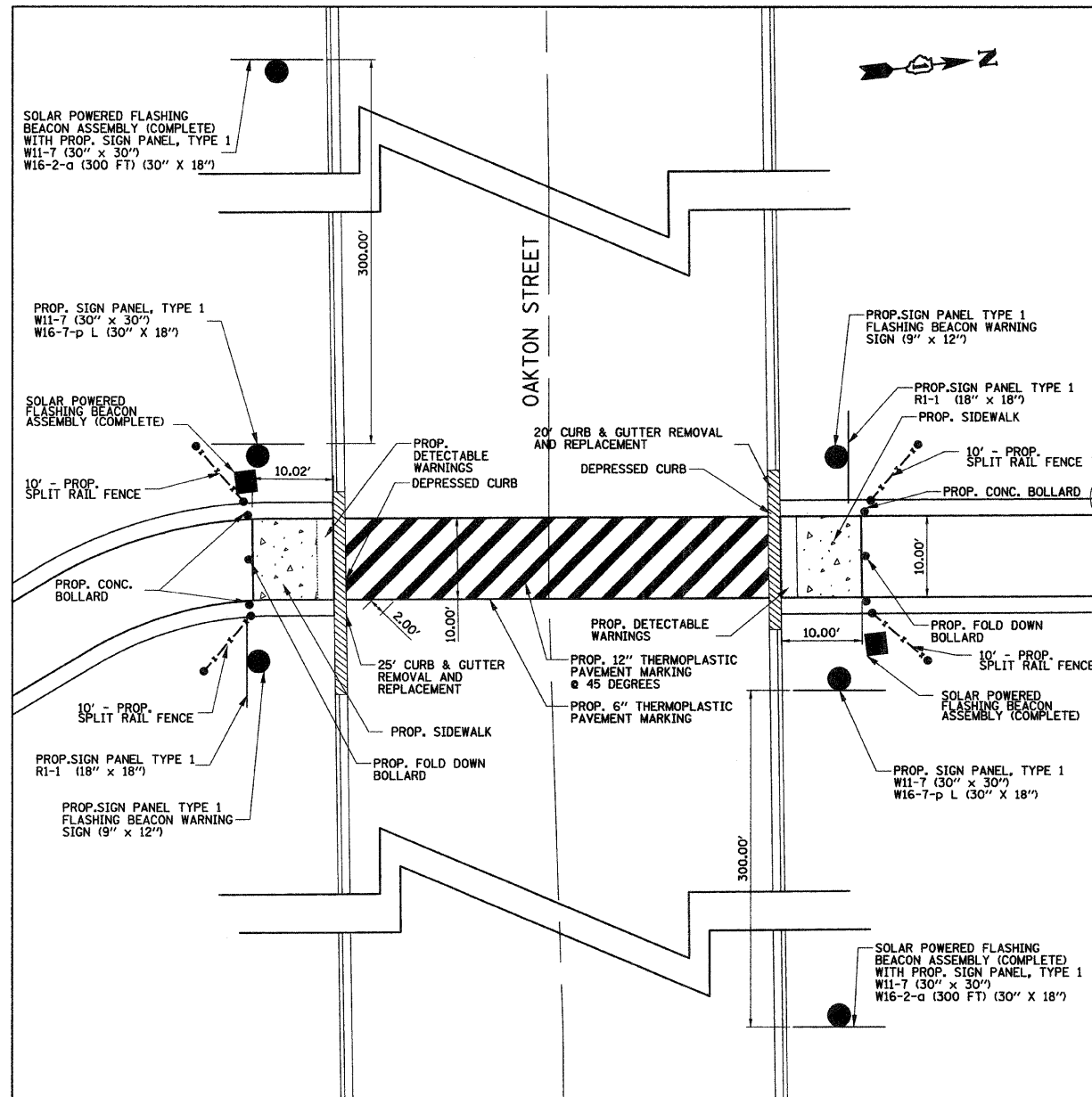


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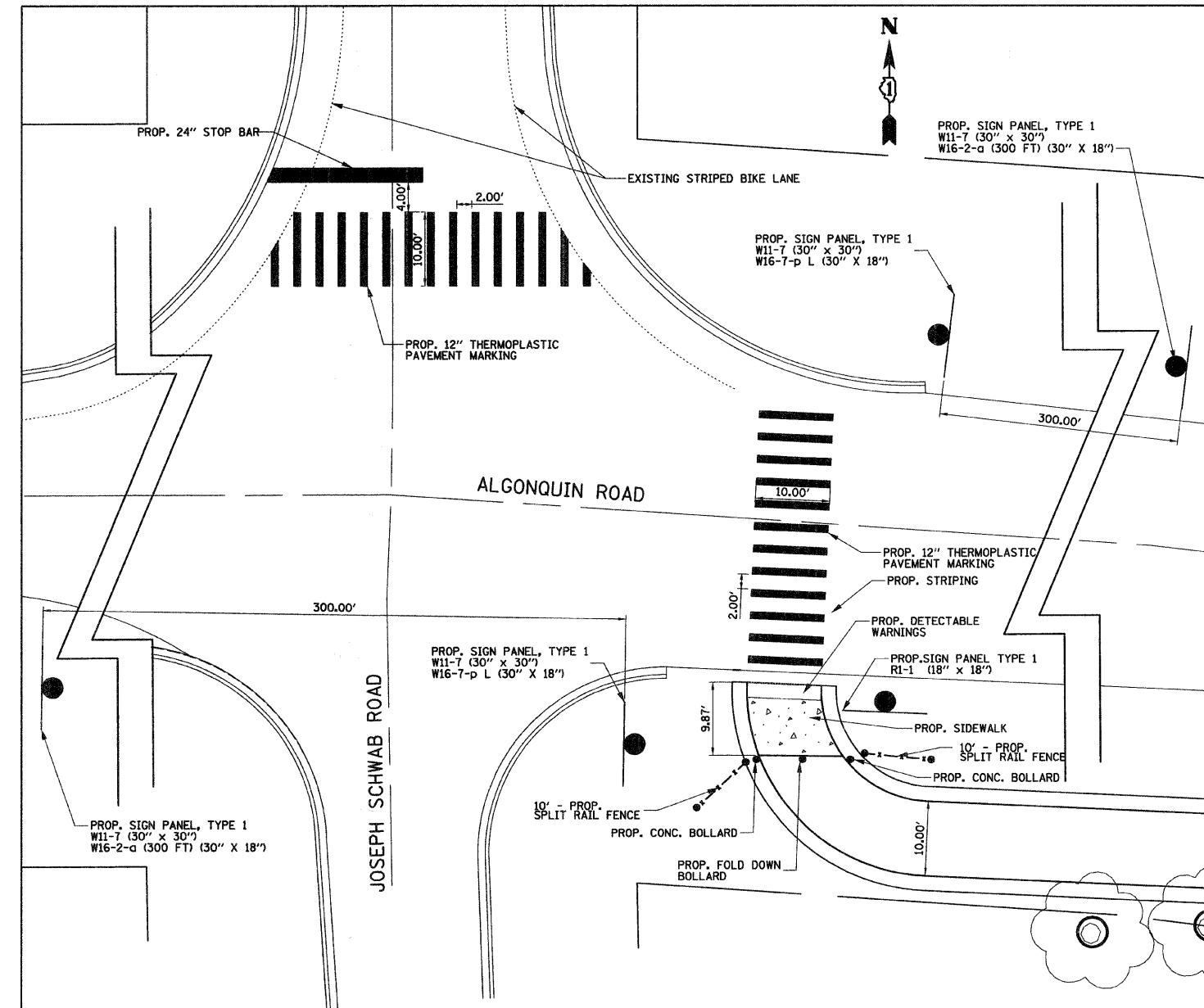


FILE NAME = D1-2173-sht-plnprf13.dgn	USER NAME = cet.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED - MJF	REVISED -			08-00202-00-SW	COOK	118	33	
	PLOT DATE = 10/13/2009	DATE - 5/28/09	REVISED -			CONTRACT NO. 63188				
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CMM-9003(116)		

SCALE: 1"=50'H 1"=5'V SHEET NO. 13 OF 13 SHEETS STA. 500+00 TO STA. 507+75

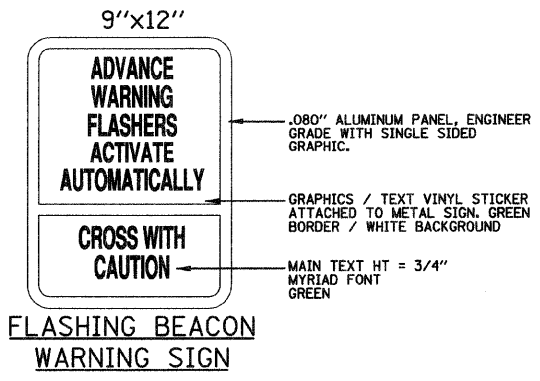


OAKTON STREET CROSSING



ALGONQUIN ROAD CROSSING

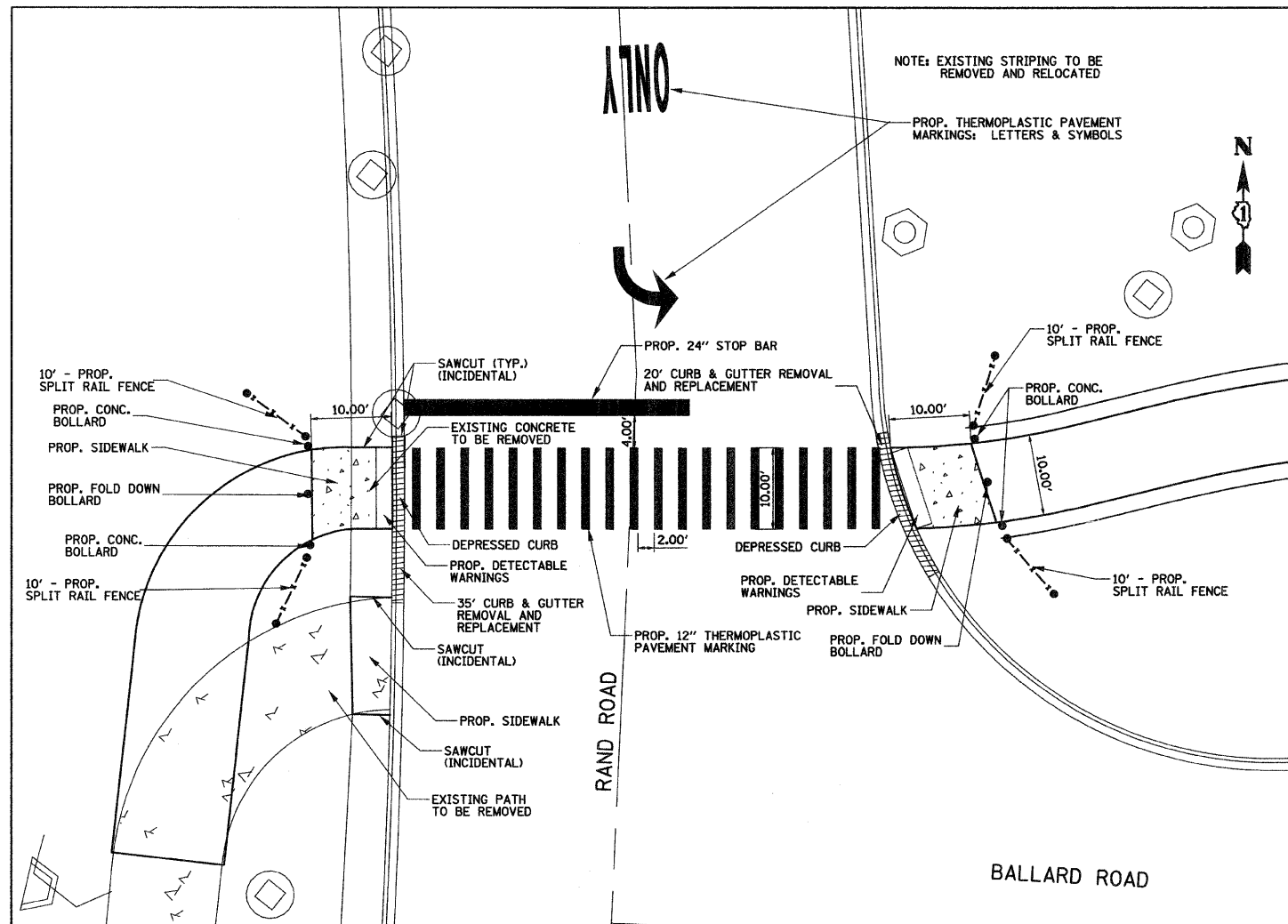
- NOTES:
1. RESTORATION WITHIN 10' OF A ROADWAY SHALL HAVE SEEDING, CLASS 2A
 2. ALL EXISTING STEEL AND CONCRETE BOLLARDS WITHIN THE PROPOSED PATH LIMITS ARE TO BE REMOVED UNDER THE CONTRACT ITEM, "BOLLARD REMOVAL"
 3. ALL EXISTING PAVEMENT MARKINGS CONFLICTING WITH THE PROPOSED MARKING SHALL BE REMOVED UNDER THE CONTRACT ITEM, "PAVEMENT MARKING REMOVAL"



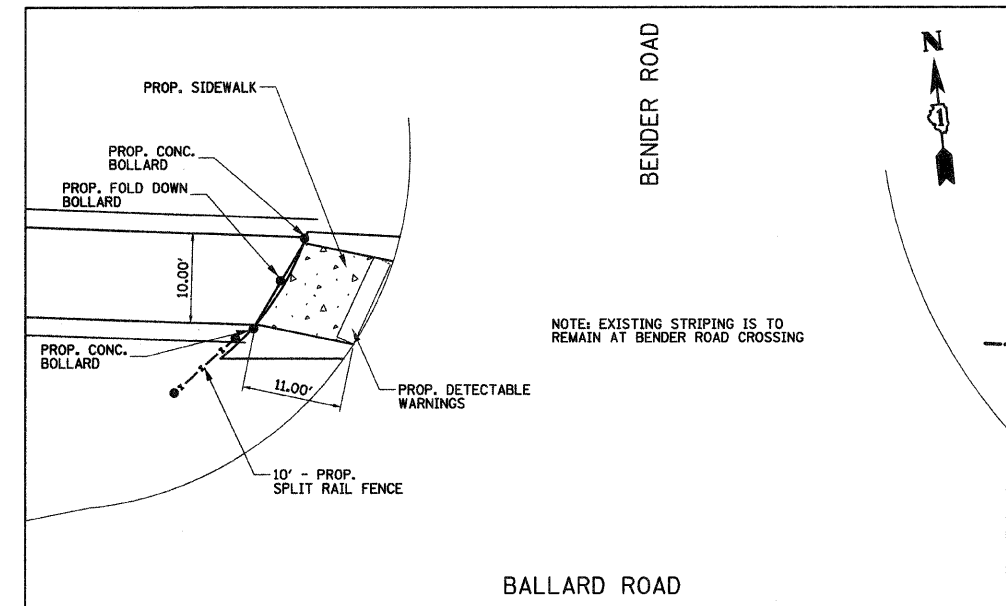
FILE NAME =	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS ROAD CROSSING DETAILS - SOUTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DI-2173-aht-details-xing-s.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN - ARA	REVISED -			08-00202-00-SW	COOK	118	34	
PLOT DATE = 11/17/2009	CHECKED - MJF	DATE - 5/28/09	REVISED -			CONTRACT NO. 63168				
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT# CMM-9003(116)				

63188

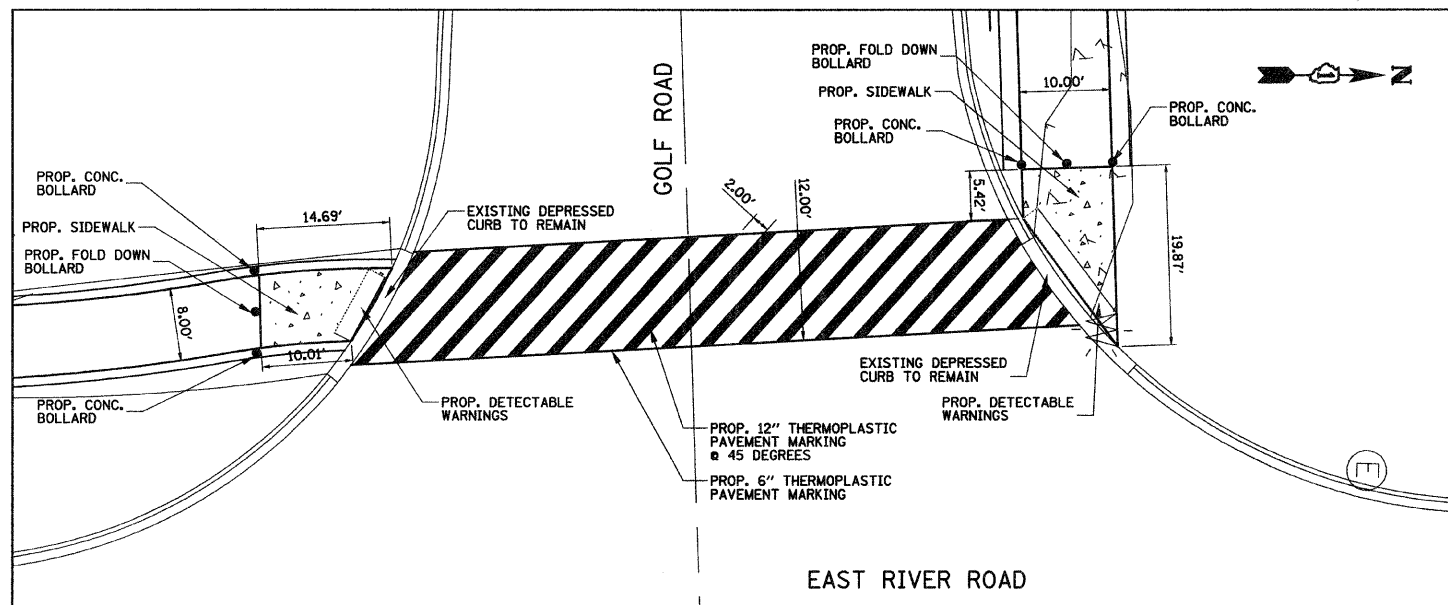
SCALE: 1" = 10' SHEET NO. 1 OF 2 SHEETS STA. TO STA.



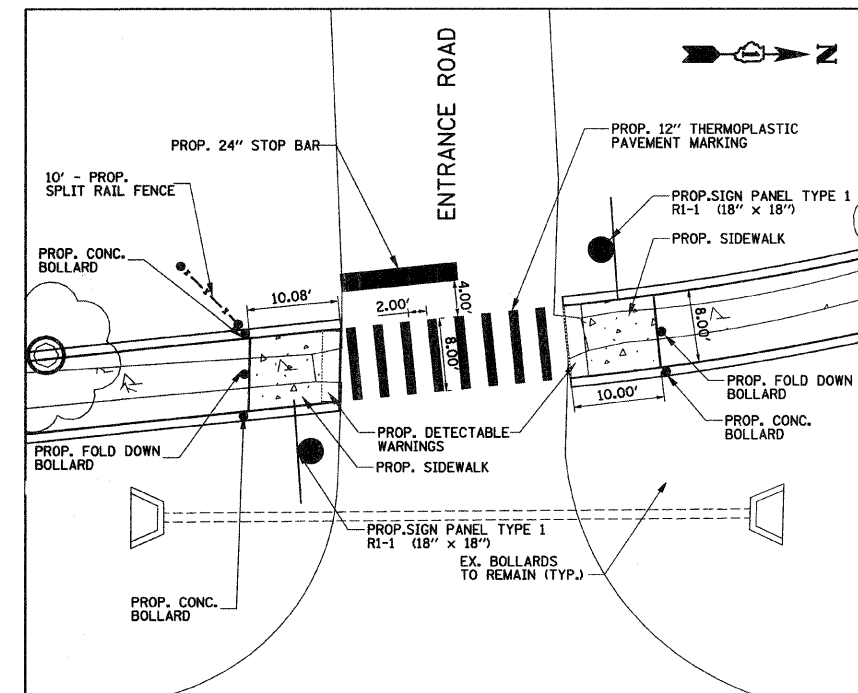
RAND ROAD CROSSING



BENDER ROAD CROSSING



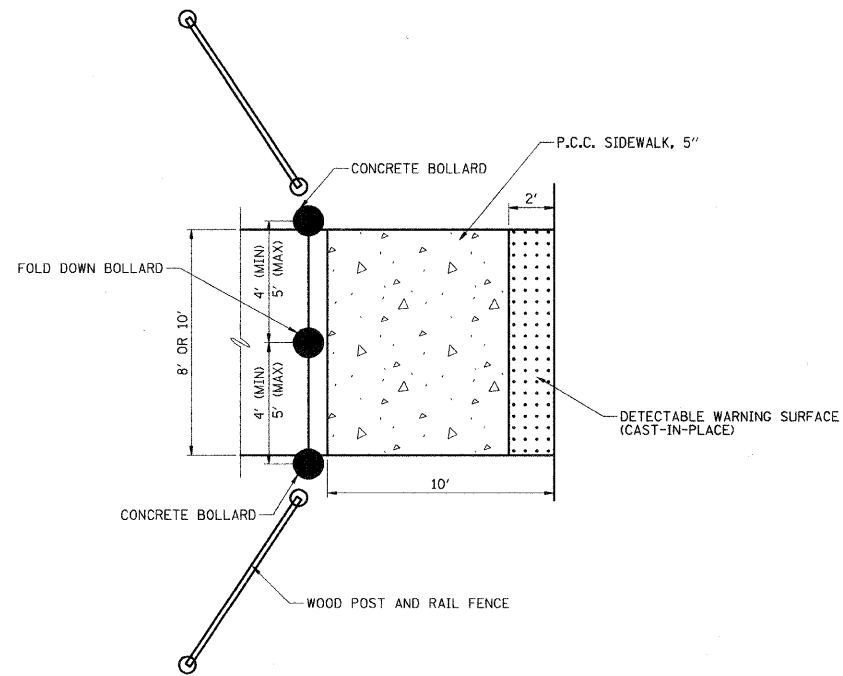
GOLF ROAD CROSSING



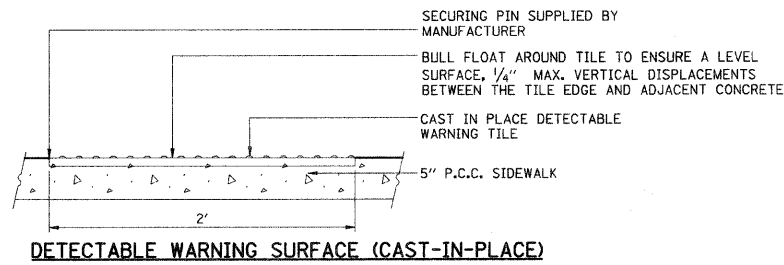
BIG BEND LAKE ENTRANCE ROAD CROSSING

- NOTES:
1. RESTORATION WITHIN 10' OF A ROADWAY SHALL HAVE SEEDING, CLASS 2A
 2. ALL EXISTING STEEL AND CONCRETE BOLLARDS WITHIN THE PROPOSED PATH LIMITS ARE TO BE REMOVED UNDER THE CONTRACT ITEM, "BOLLARD REMOVAL"
 3. ALL EXISTING PAVEMENT MARKINGS CONFLICTING WITH THE PROPOSED MARKINGS SHALL BE REMOVED UNDER THE CONTRACT ITEM, "PAVEMENT MARKING REMOVAL"

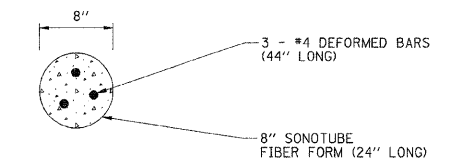
FILE NAME = 01-2173-shr-details-xing-r.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS ROAD CROSSING DETAILS - NORTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	CHECKED - MJF	DATE - 5/28/09	REVISED -			08-00202-00-SW	COOK	118	35	
PLOT DATE = 11/17/2009	DATE - 5/28/09	REVISED -	REVISED -			CONTRACT NO. 63468				
						SCALE: 1" = 10'	SHEET NO. 2 OF 2	SHEETS STA.	TO STA.	FED. ROAD DIST. NO.



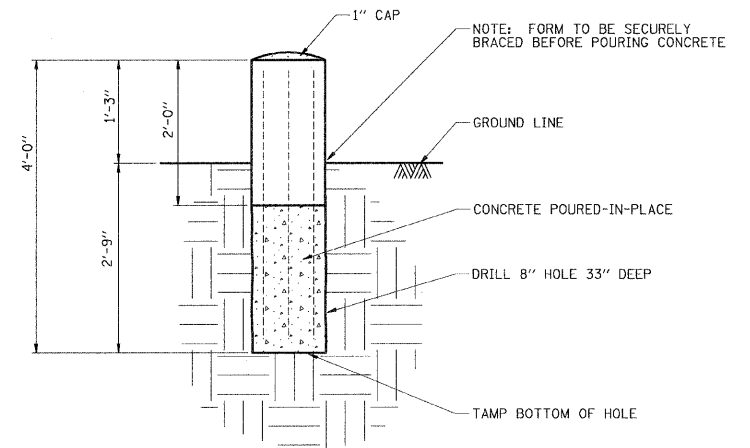
TYPICAL BIKE PATH AT ROAD/DRIVE TREATMENT DETAIL



DETECTABLE WARNING SURFACE (CAST-IN-PLACE)

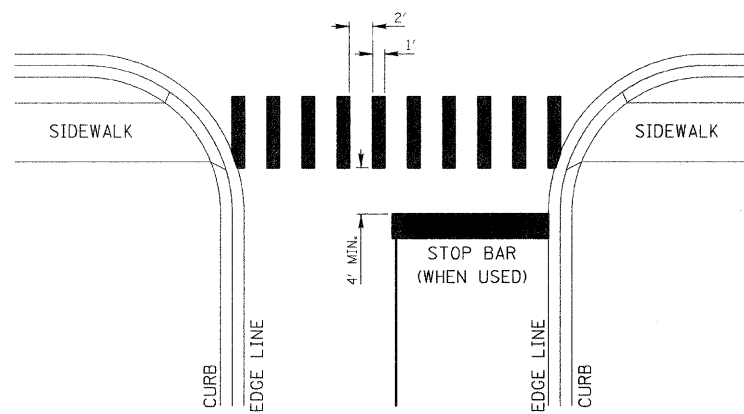


TOP VIEW



SIDE VIEW

CONCRETE BOLLARD

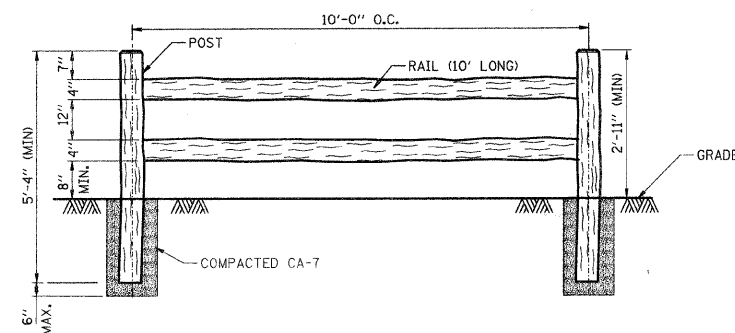


1. WIDTH OF THE CROSSWALK IS GENERALLY 10'.
2. THE STOP BAR SHOULD BE INSTALLED A MINIMUM OF 4' IN ADVANCE OF THE CROSSWALK (WHEN APPLICABLE).

CROSS WALK STRIPING DETAIL



TOP VIEW

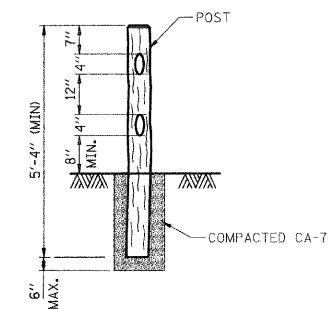


ELEVATION

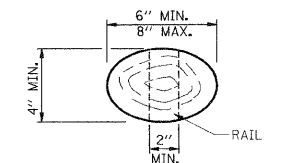
- NOTE:
1. ALL RAILS SHALL BE SPIKED TO POST W/ GALVANIZED GUTTER SPIKES.
 2. FENCE SHALL BE CEDAR WOOD OR APPROVED EQUAL.

SPLIT RAIL FENCE DETAIL

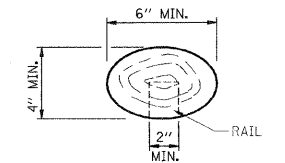
N.T.S.



POST



LINE POST-TOP (TYP.)

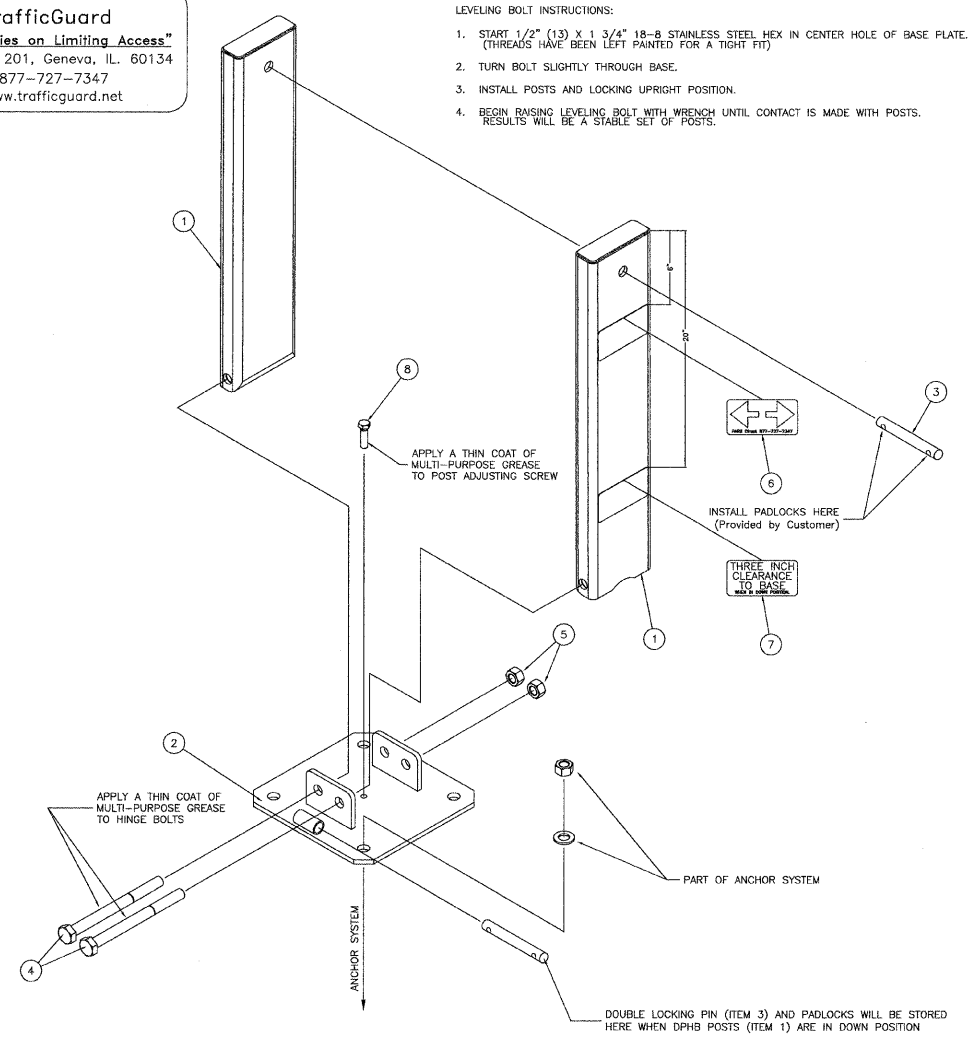


END POST-TOP (TYP.)

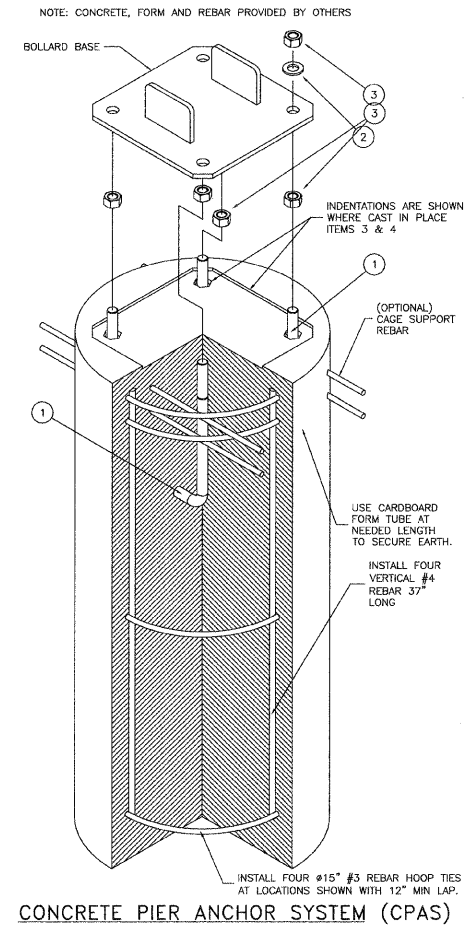
FILE NAME =	USER NAME = rjd	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
*FILES#		DRAWN - ARA	REVISED -		SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	08-00202-00-SW	COOK	118 37
		CHECKED - MJF	REVISED -		CONTRACT NO. 63160						
		DATE - 5/28/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)						

63188

TrafficGuard
 "Authorities on Limiting Access"
 P.O. Box 201, Geneva, IL. 60134
 877-727-7347
 www.trafficguard.net



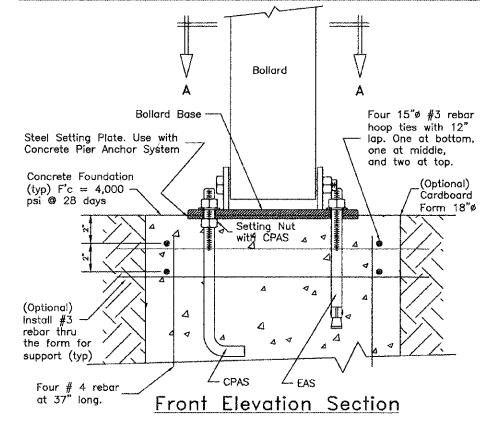
ITEM PART #	DESCRIPTION	QTY.
* 9001	CPAS KIT -- INCLUDES THE FOLLOWING PART NUMBERS *	*
1 0002	#3/4" x 12" TYPE L ANCHOR BOLT-H.D.G.	4
2 0007	#3/4" TYPE A FLAT NARROW WASHER GALVANIZED STEEL	4
3 0006	#3/4" HEX NUT GALVANIZED STEEL	8



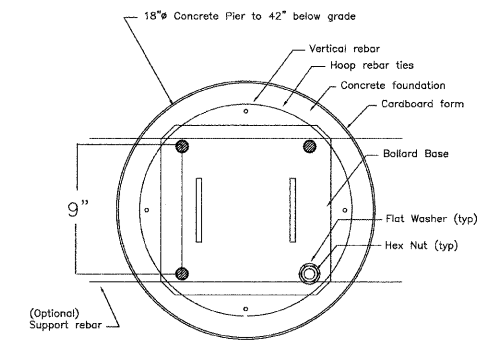
CONCRETE PIER ANCHOR SYSTEM (CPAS)

These Anchorage systems are designed for the notes loading based on a quality substrate material and proper installation, by the customer's contractor. The installation shall conform to the drawing and the manufacturer's instructions. The customer is responsible to determine the adequate quality of new or existing concrete and the earth substrate. The concrete shall be solid and uncrossed with adequate thickness for the anchors and a compressive strength of F_c (minimum)=4,000 pounds per square inch. The earth shall have an unconfined strength of Q_u (minimum)=4,000 pounds per square foot. If you have questionable substrates, contact your local structural engineer for appropriate anchorage evaluation and/or anchorage design. A test installation may be required to determine the adequacy of the anchorage system for your specific installation. Call PARS Direct for installation guidance, if needed.

Anchor Installation Note



Front Elevation Section



Plan Section "A-A"

FOLD DOWN BOLLARD DETAIL

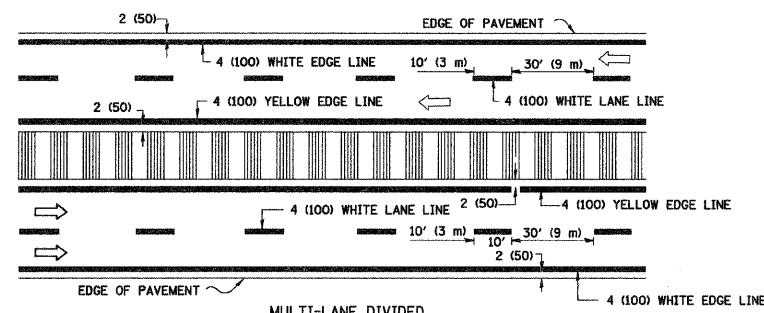
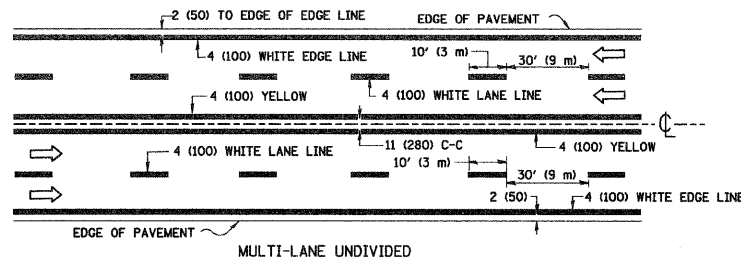
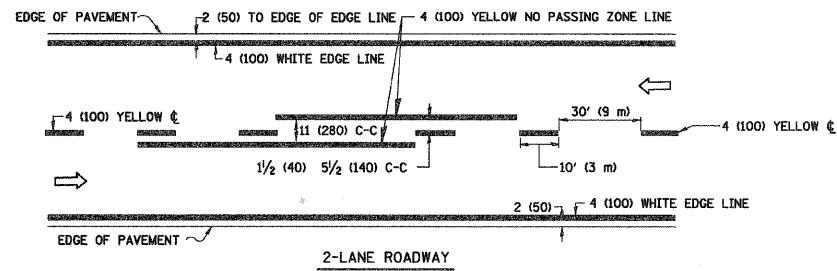
FILE NAME = DI-2173-shd-detail-3.dgn	USER NAME = CEI_User	DESIGNED - RJD/BJB	REVISED -
		DRAWN - ARA	REVISED -
		CHECKED - M.J.F.	REVISED -
		DATE - 5/28/09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL IMPROVEMENTS
 DETAILS
 SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

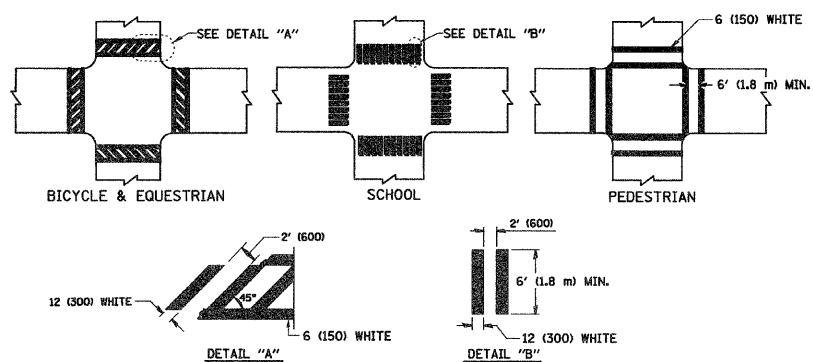
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: CMM-9003(116)			CONTRACT NO. 63168	

63188

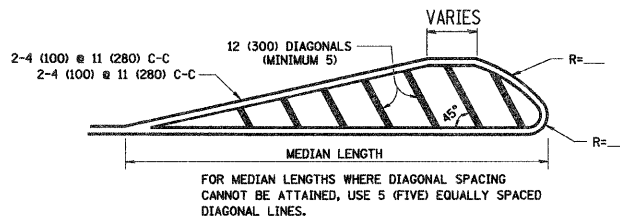
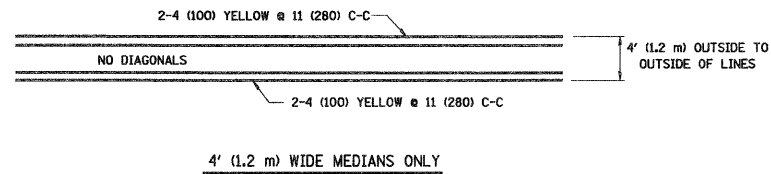


NOTE: MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

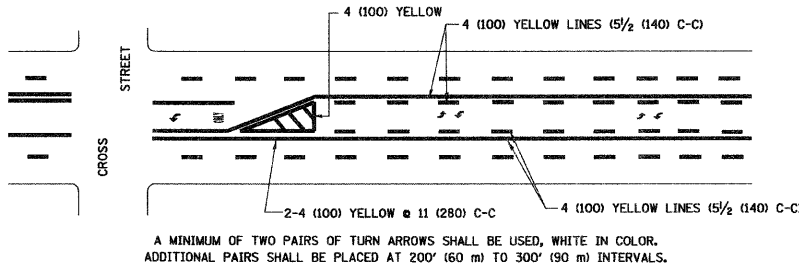


TYPICAL CROSSWALK MARKING

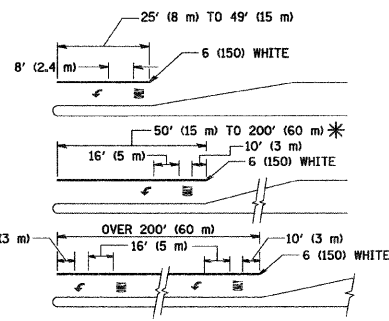


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

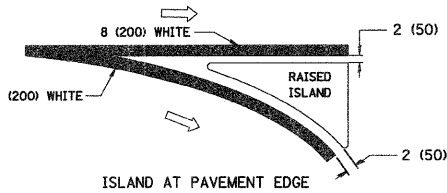
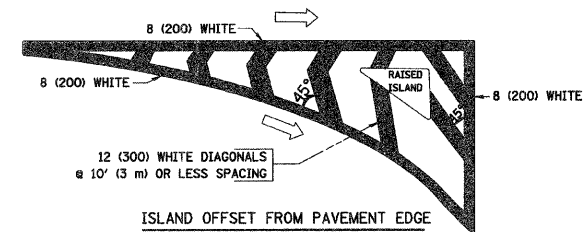


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * AREA = 15.6 SQ. FT. (1.5 m²) □ AREA = 20.8 SQ. FT. (1.9 m²)

TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

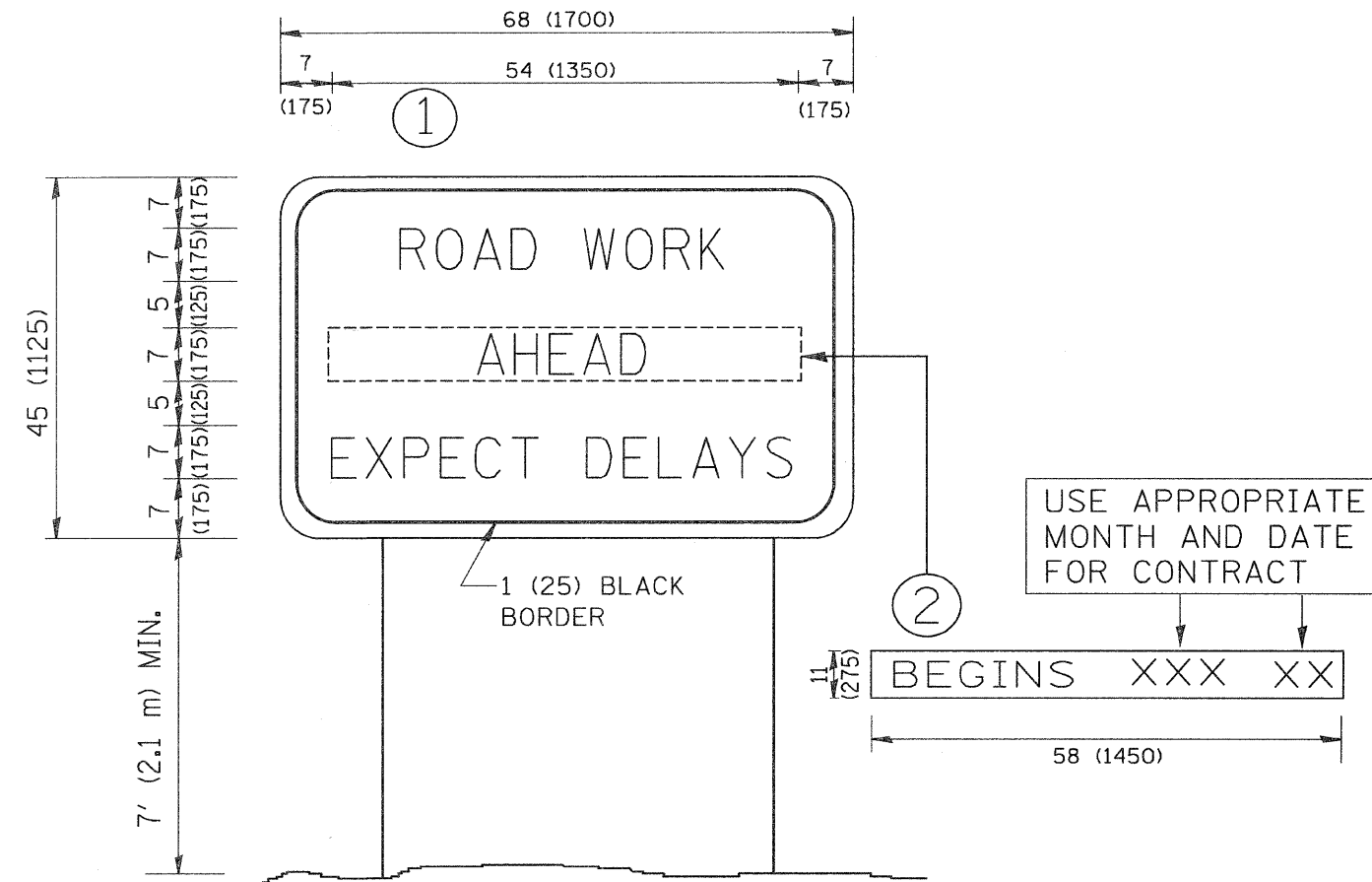


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

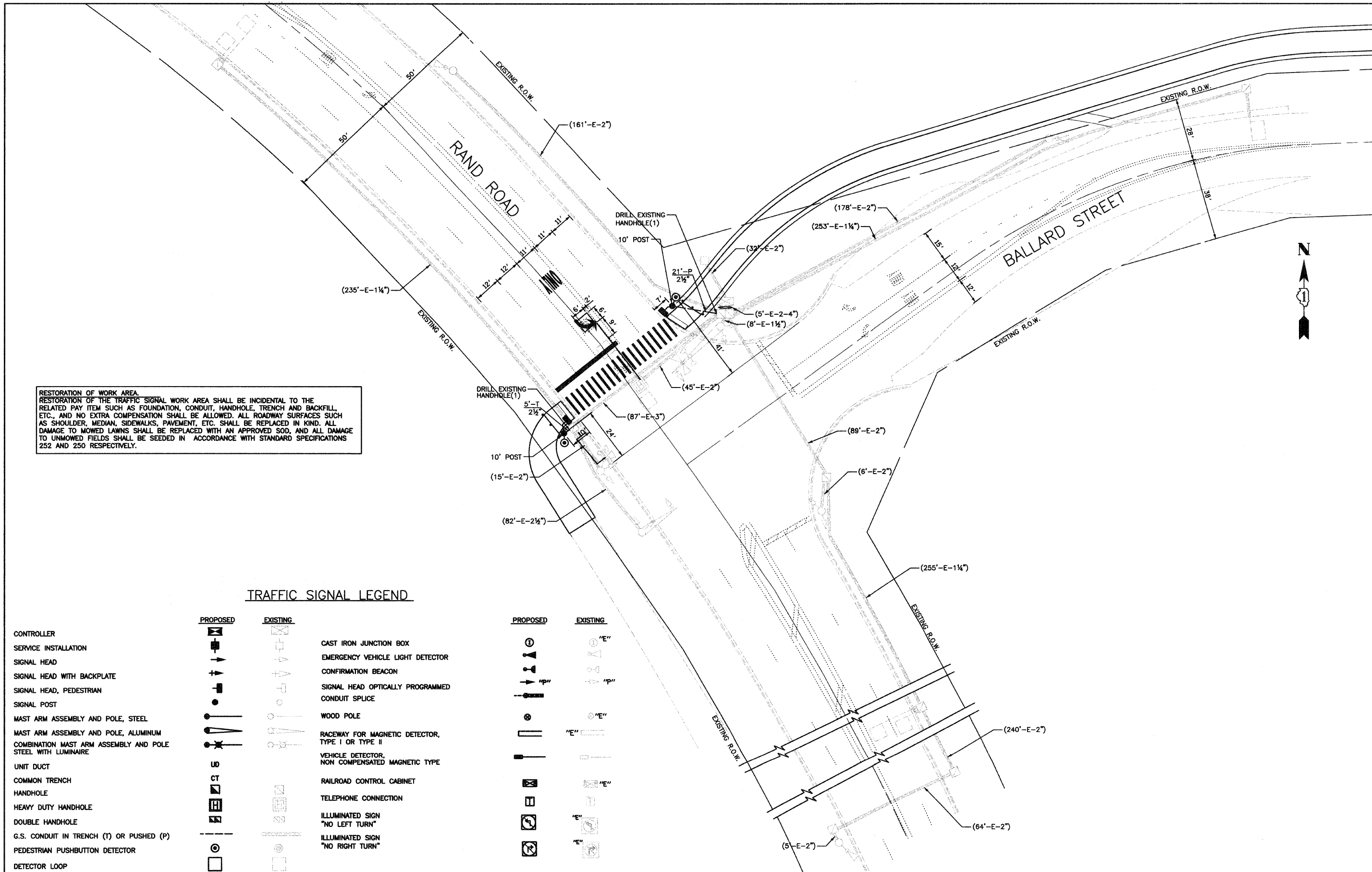


NOTES:

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

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

FILE NAME = W:\dststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	08-00202-00-SW	COOK	118	40	
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07						TC-22				
									FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003(116)		



RESTORATION OF WORK AREA.
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TRAFFIC SIGNAL LEGEND

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

FILE NAME = 1-2173-SIGNAL_PLAN_RANDRD.&BALLARD.DGN	USER NAME = CIVILTECH ENGINEERING, INC.	DESIGNED - OJT	REVISED -
PLOT SCALE = 50	CHECKED - JJE	REVISED -	REVISED -
PLOT DATE = #DATE#	DATE - 5/28/09	REVISED -	REVISED -

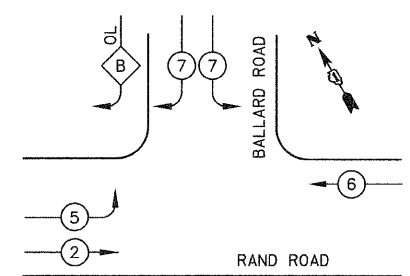
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
 RAND ROAD /BALLARD ROAD**

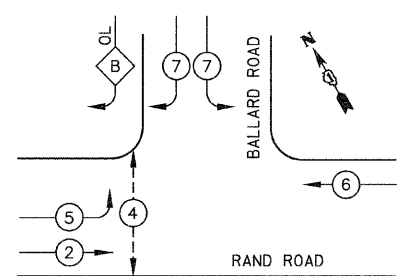
SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63128	

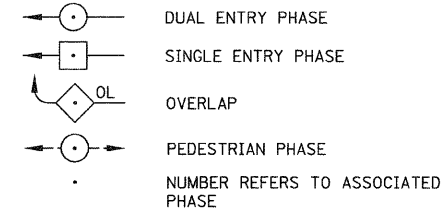
EXISTING CONTROLLER SEQUENCE



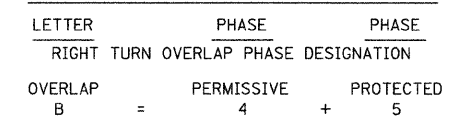
PROPOSED CONTROLLER SEQUENCE



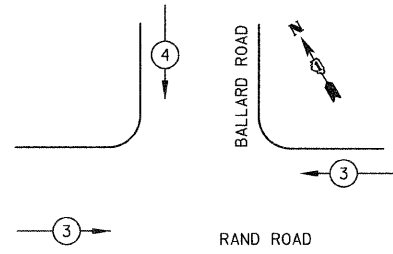
LEGEND



PHASE DESIGNATION DIAGRAM



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↓

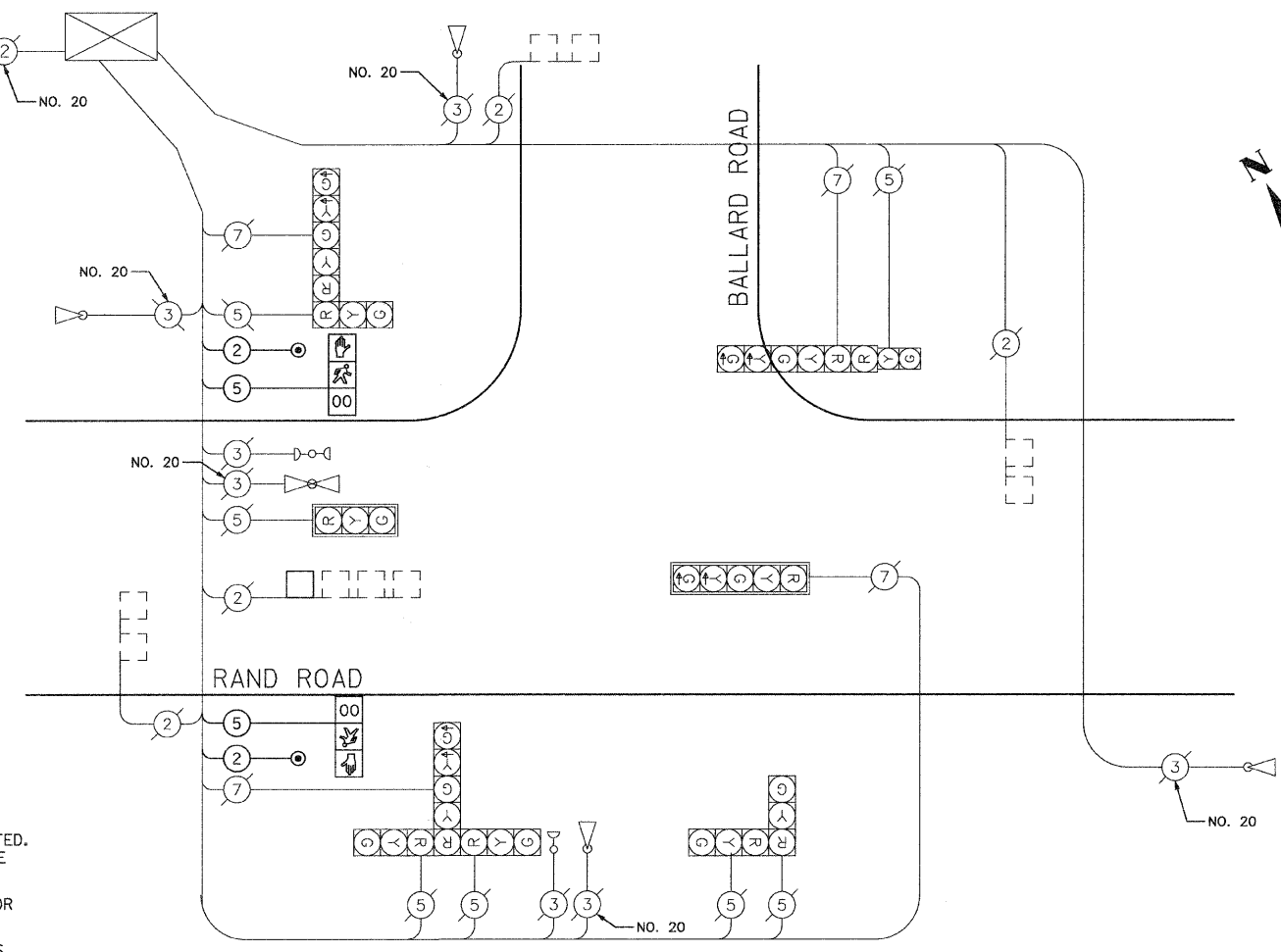
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	11	135		0.50	743
(YELLOW)	11	135		0.25	372
(GREEN)	11	135		0.25	372
ARROW	8	135		0.10	108
PED SIGNAL	2		25	1.00	50
CONTROLLER	1	100	100	1.00	100
FLASHER				0.50	
TOTAL =					1745

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT.
SCHAUMBURG, IL 60196

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 (2.0)
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 WITH COUNTDOWN TIMER |
| | | 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 BE SHIELDED. |
| | | ① GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) |
| | | ②④ FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F |
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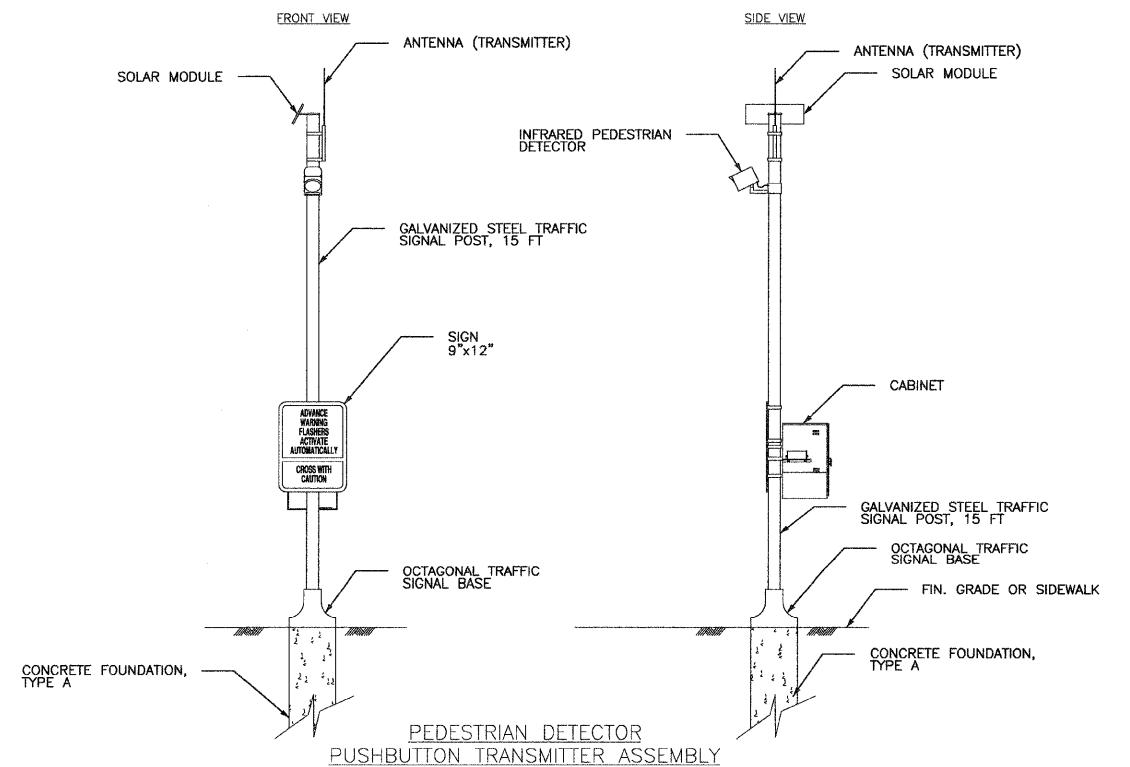
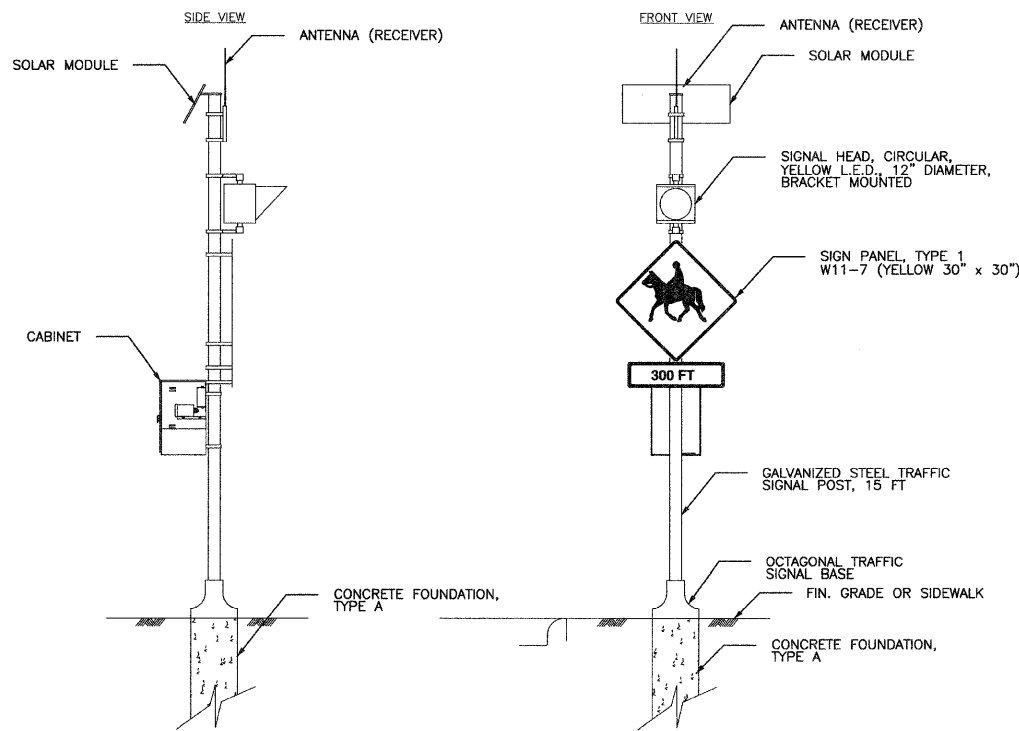
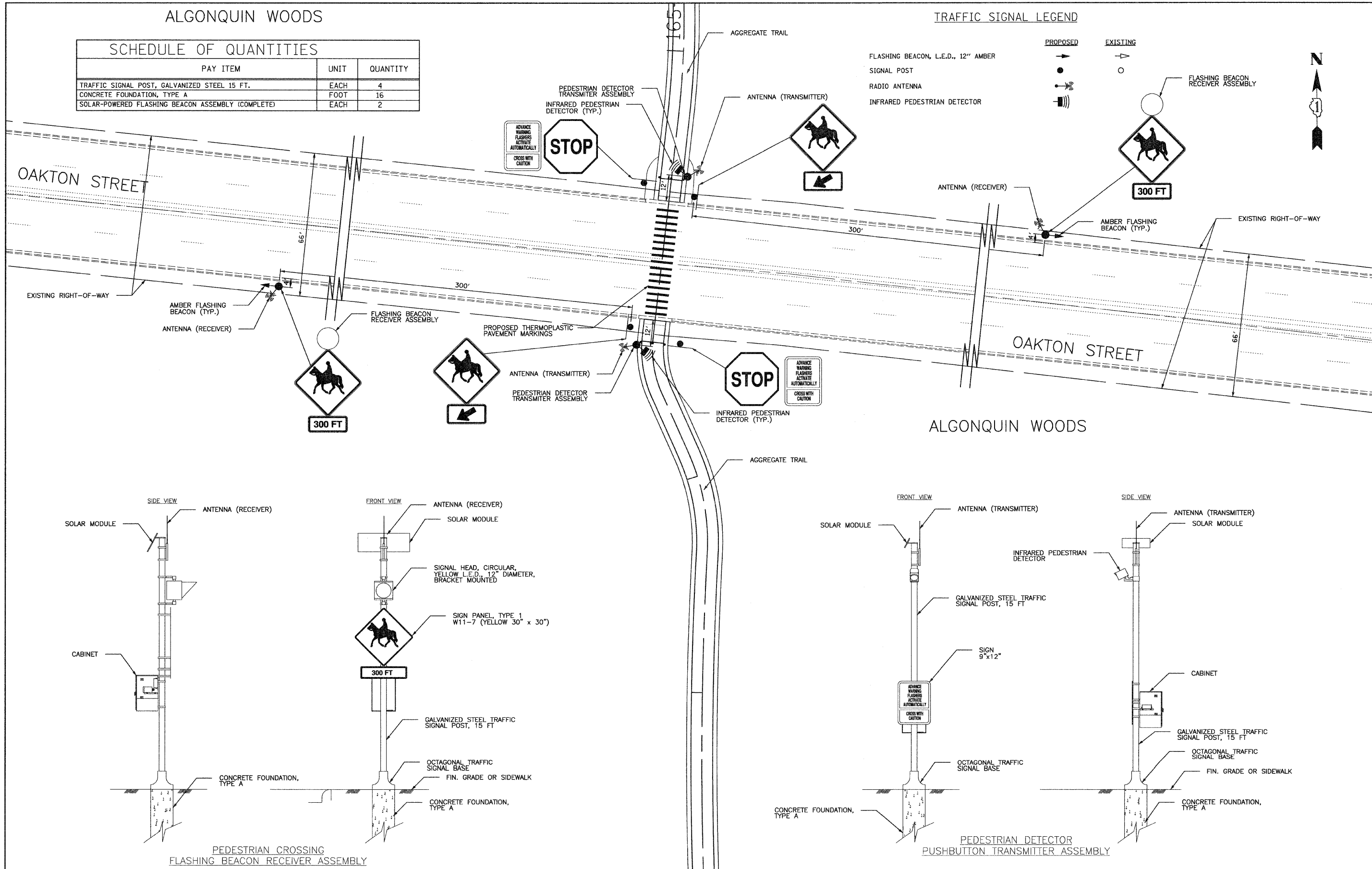
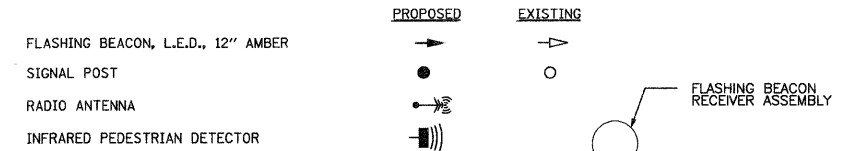
CABLE PLAN
NOT TO SCALE

SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	5
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	21
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	5
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	184
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	196
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP TYPE I	FOOT	59
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1

ALGONQUIN WOODS

SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	16
SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2

TRAFFIC SIGNAL LEGEND



FILE NAME = 7-2173-FB_Ped_SIGNAL_PLAN_OAKTON ST.DGN	USER NAME = CIVILTECH ENGINEERING, INC.	DESIGNED - OJT	REVISED -
PLOT SCALE = 50	DRAWN - OJT	CHECKED - JJE	REVISED -
PLOT DATE = #DATE#	DATE - 5/28/09		REVISED -

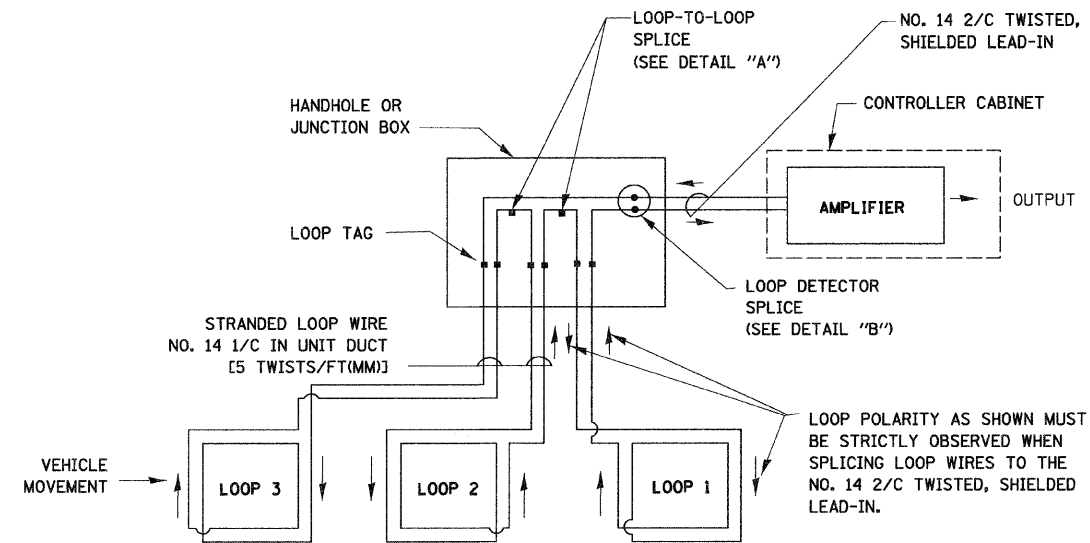
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL IMPROVEMENTS
OAKTON STREET SOLAR-POWERED FLASHING BEACON PLAN
SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	43
CONTRACT NO. 63188				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LOOP DETECTOR NOTES

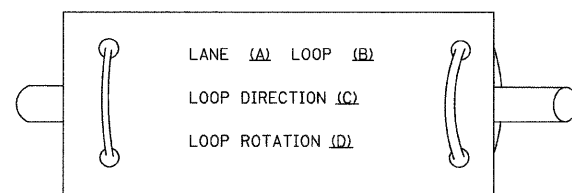
1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



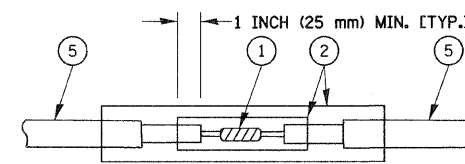
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

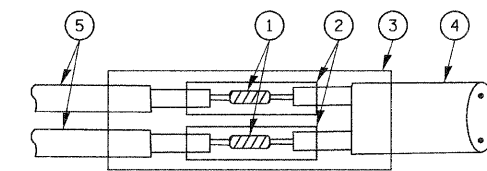
LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

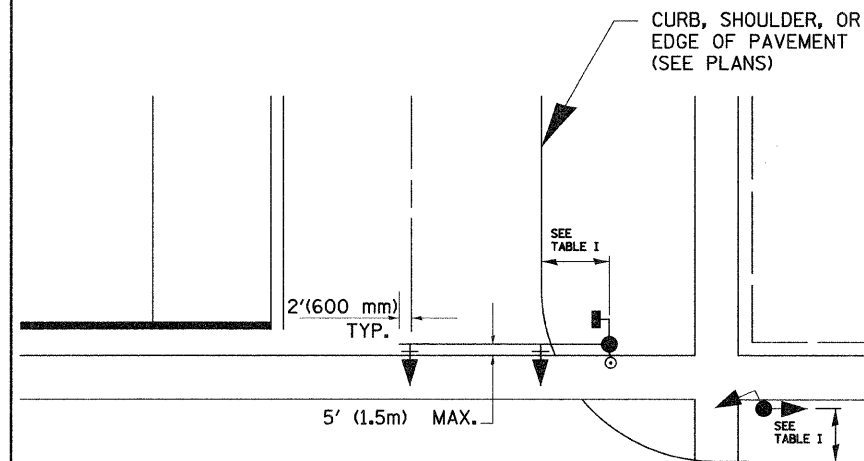
LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

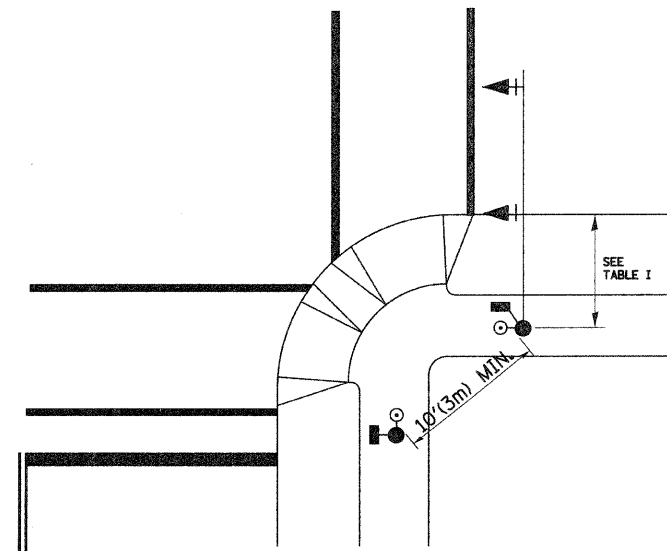
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	PLOT SCALE = 50	DRAWN - DAD	REVISED -			08-00202-00-SW	COOK	118	44	
	PLOT DATE = 3/27/2009	CHECKED - DAZ	REVISED -			CONTRACT NO. 63182				
	DATE - 1/1/2002	REVISED -	SCALE: N.T.S.			SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

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

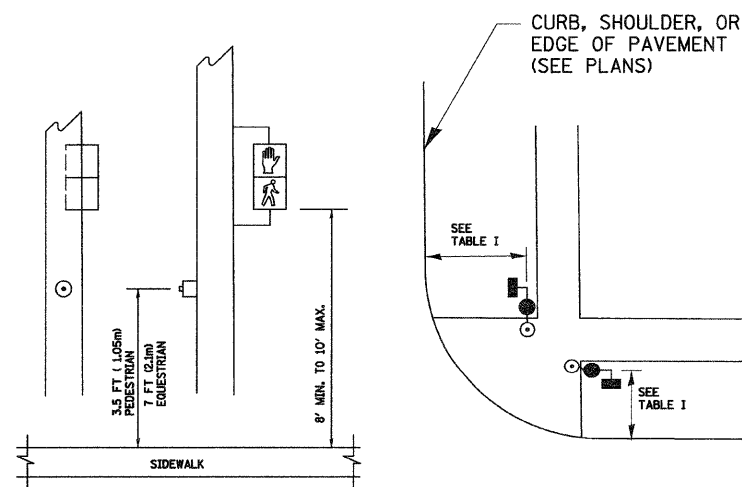
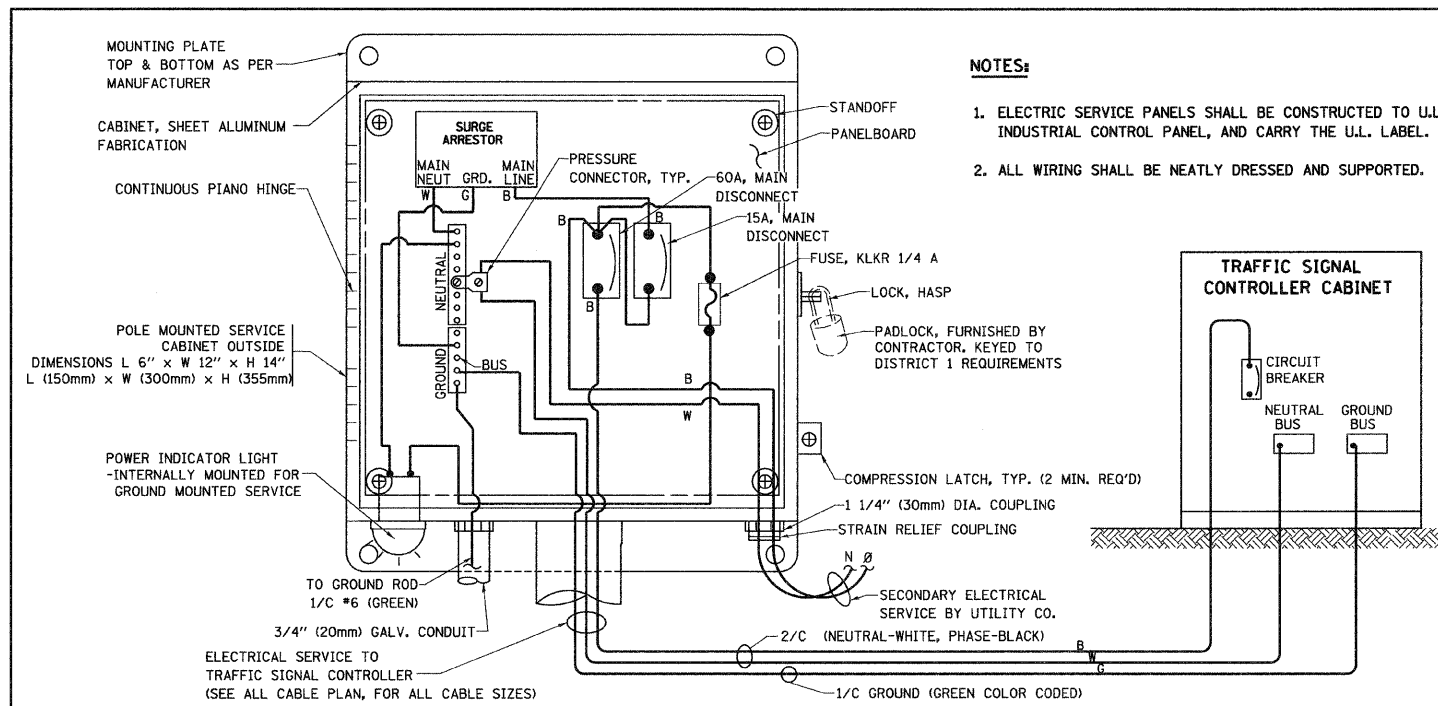
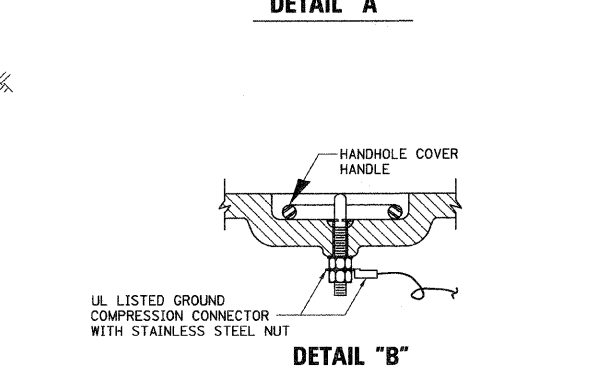
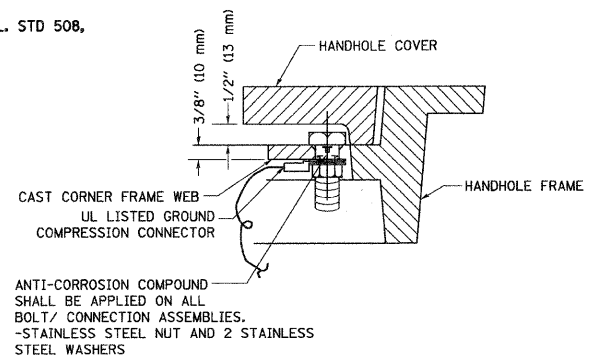


TABLE I

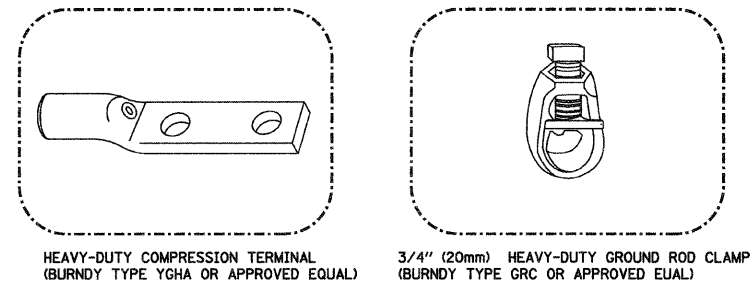
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m),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



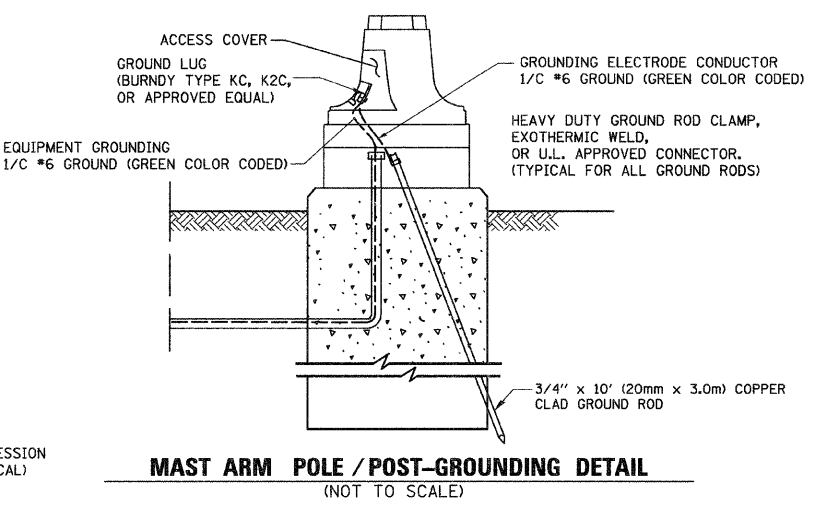
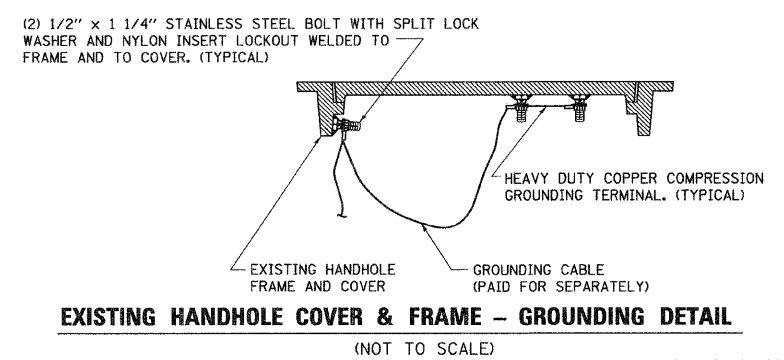
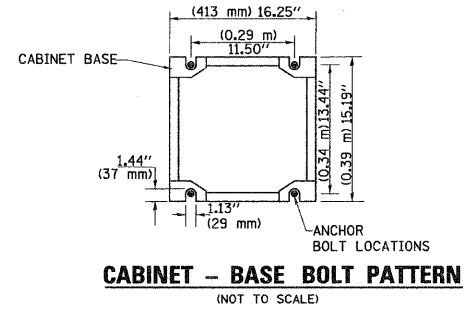
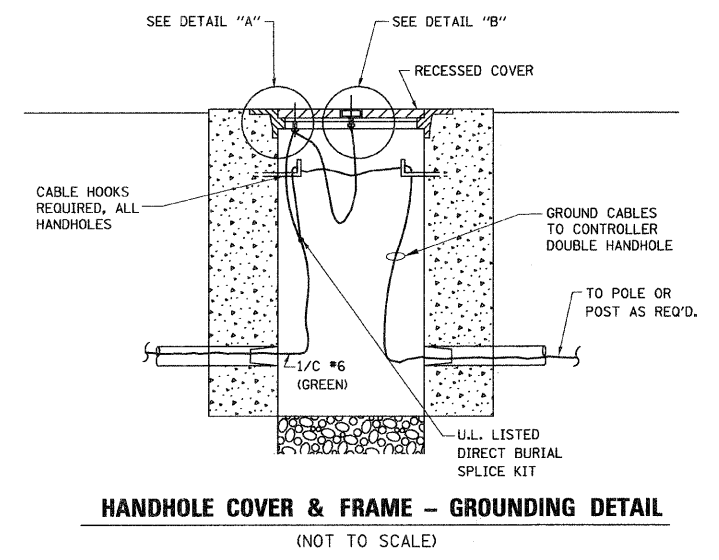
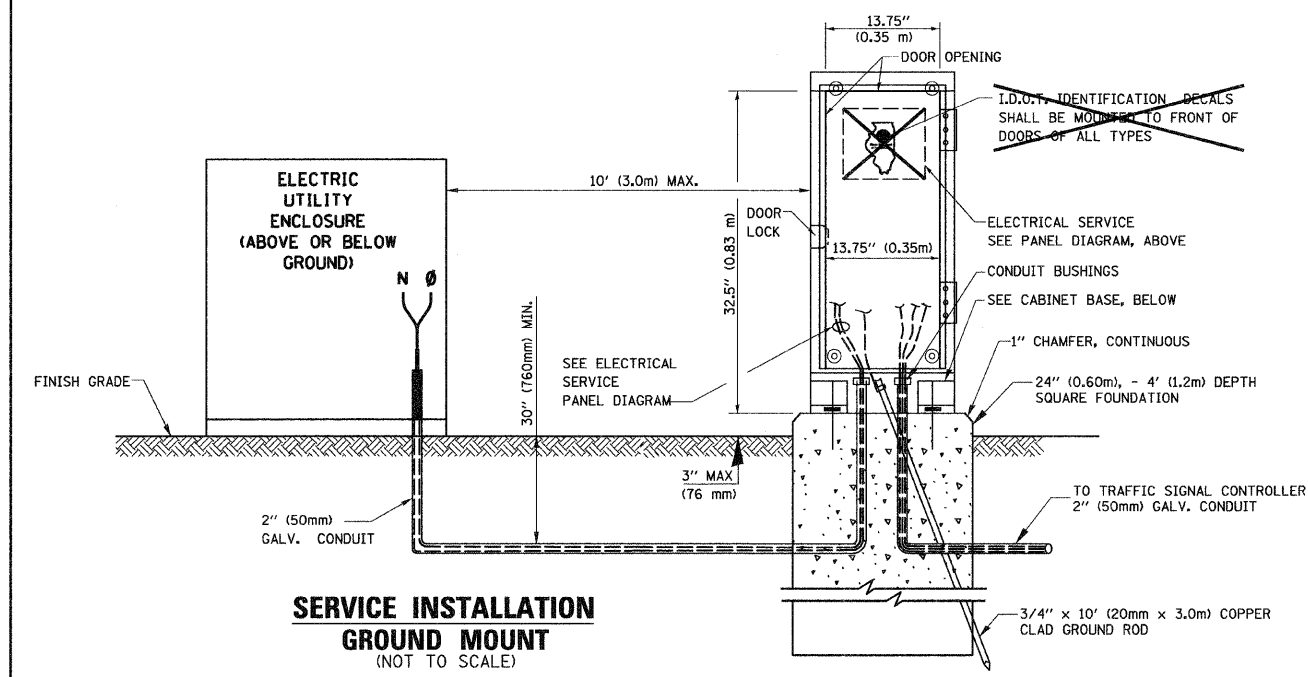
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



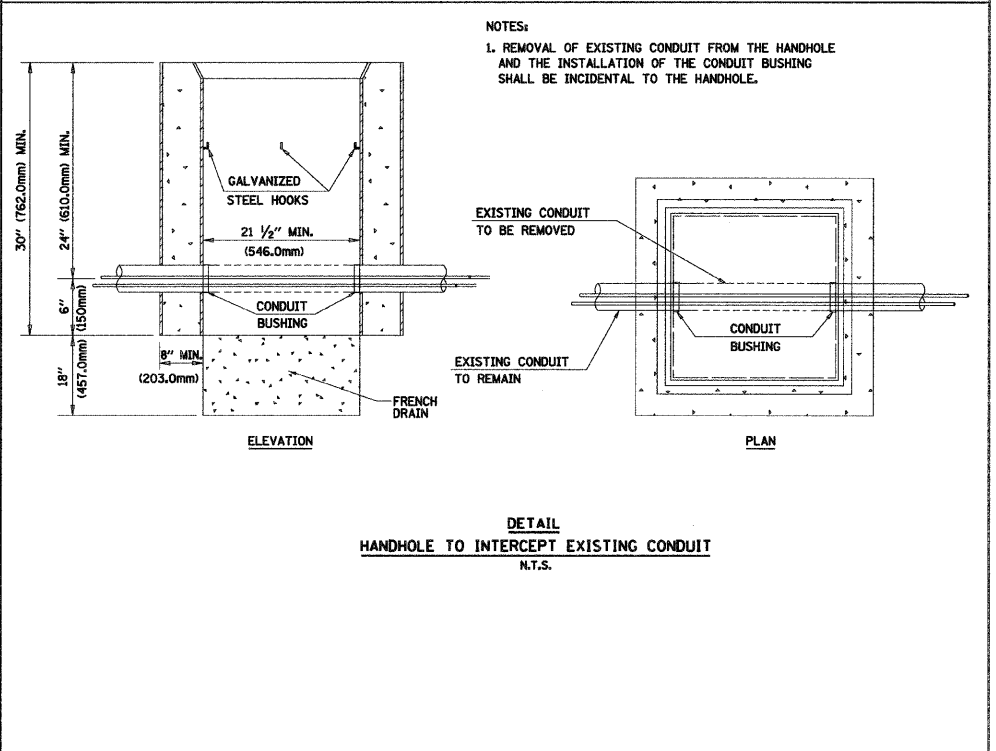
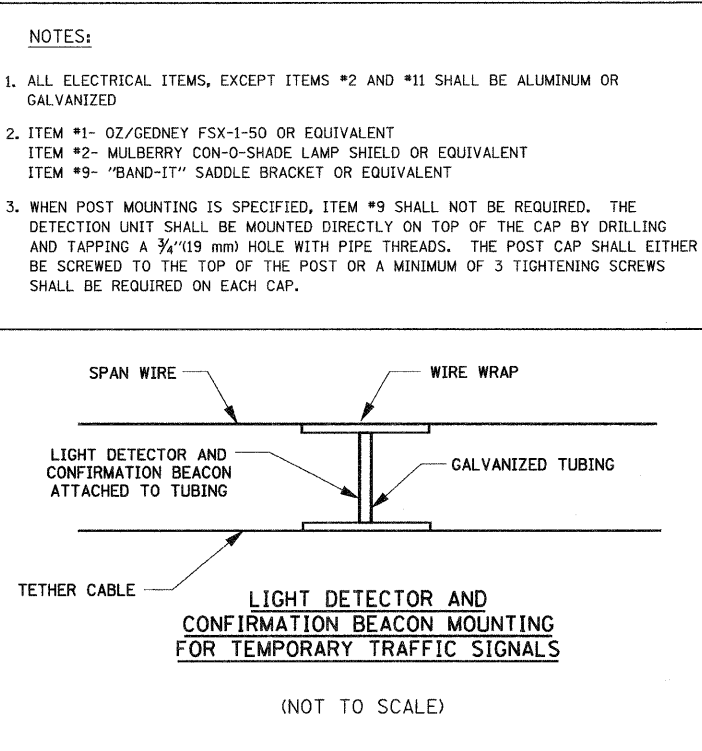
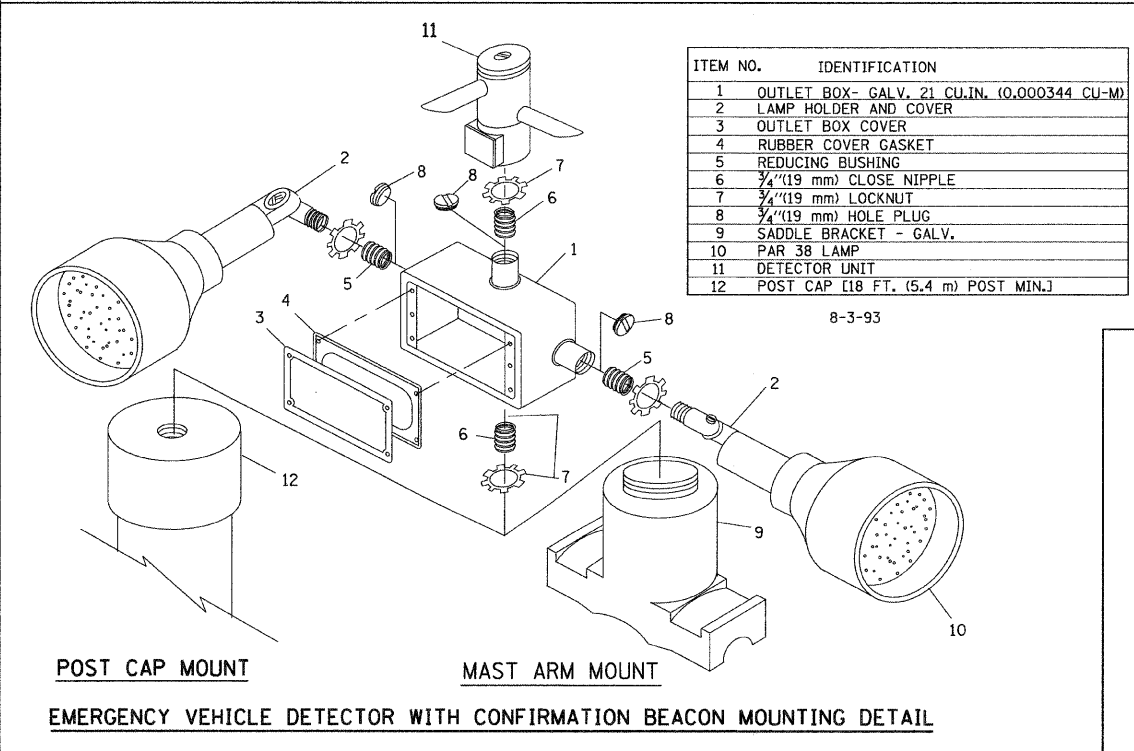
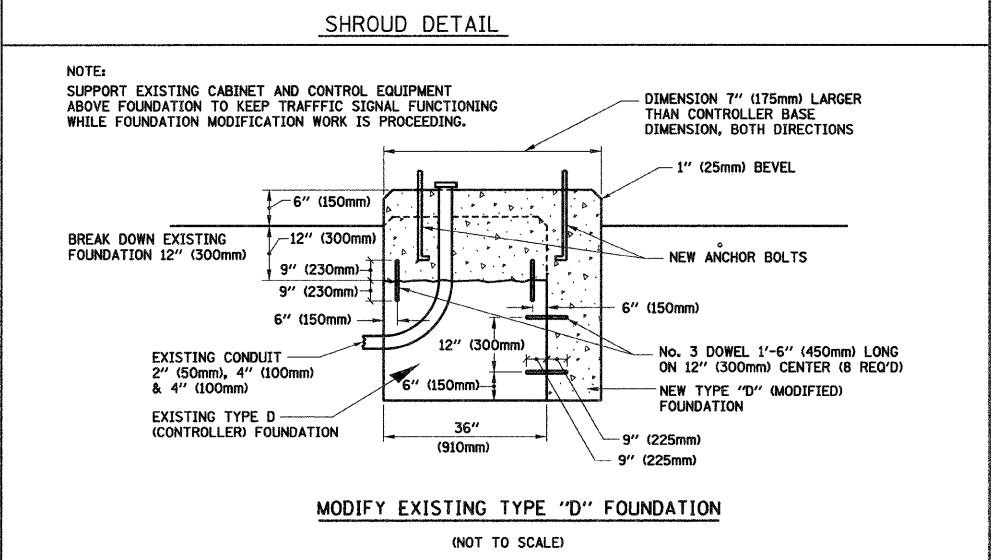
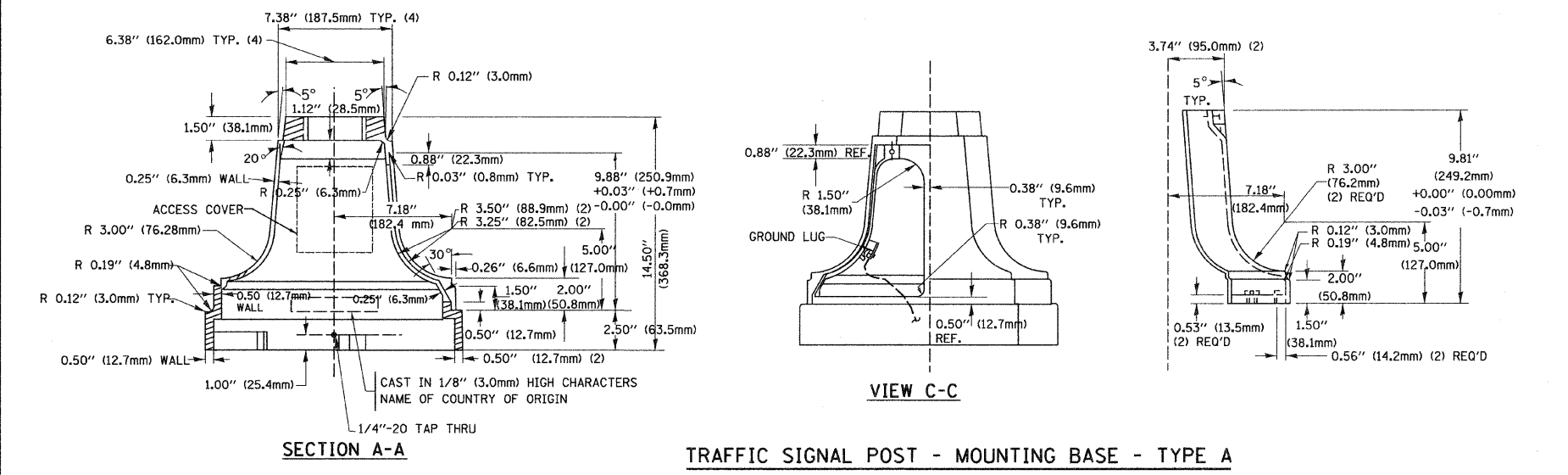
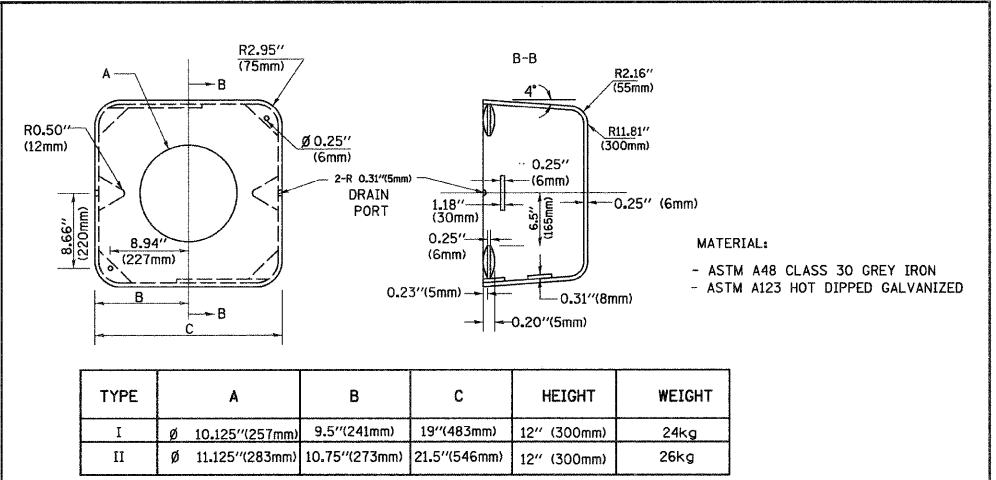
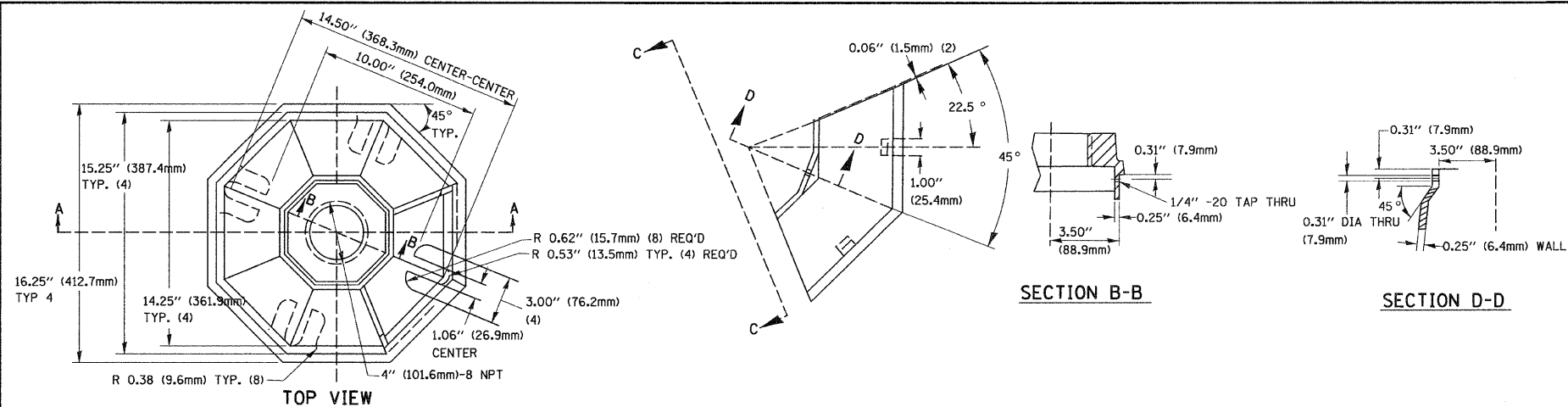
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED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



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



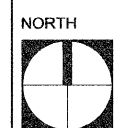
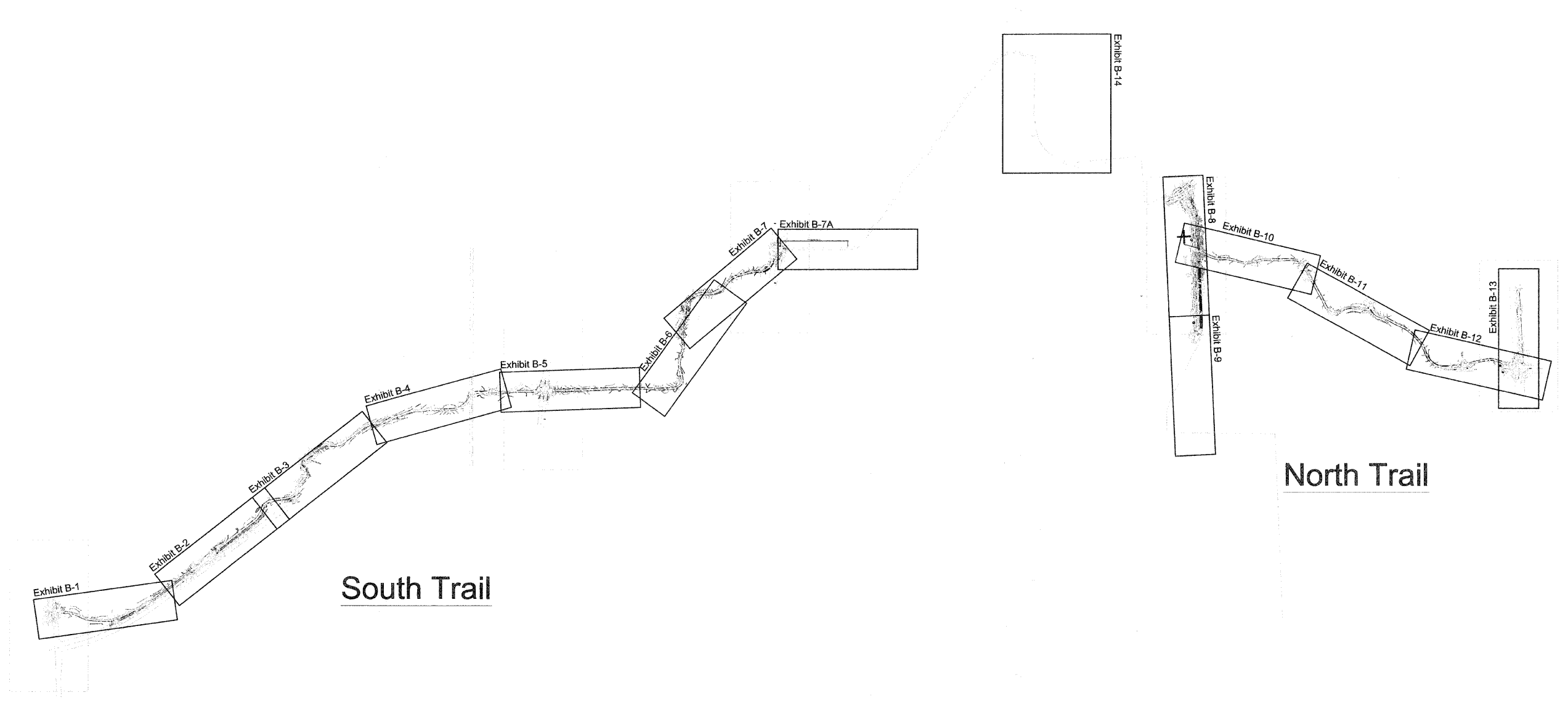
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PLOT SCALE = 50	CHECKED - DAZ	DRAWN - DAD	REVISED -			08-00202-00-SW	COOK	118	46		
PLOT DATE = 3/27/2009	DATE - 1/1/2002	CHECKED - DAZ	REVISED -			CONTRACT NO. 63188					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



FILE NAME = 6-2173_SHT_1S4_STUDET.DGN	USER NAME = CIVILTECH ENGINEERING, INC.	DESIGNED - RWP	REVISED -
		DRAWN - DAD	REVISED -
		CHECKED - DAZ	REVISED -
		DATE - 1/1/2002	REVISED -

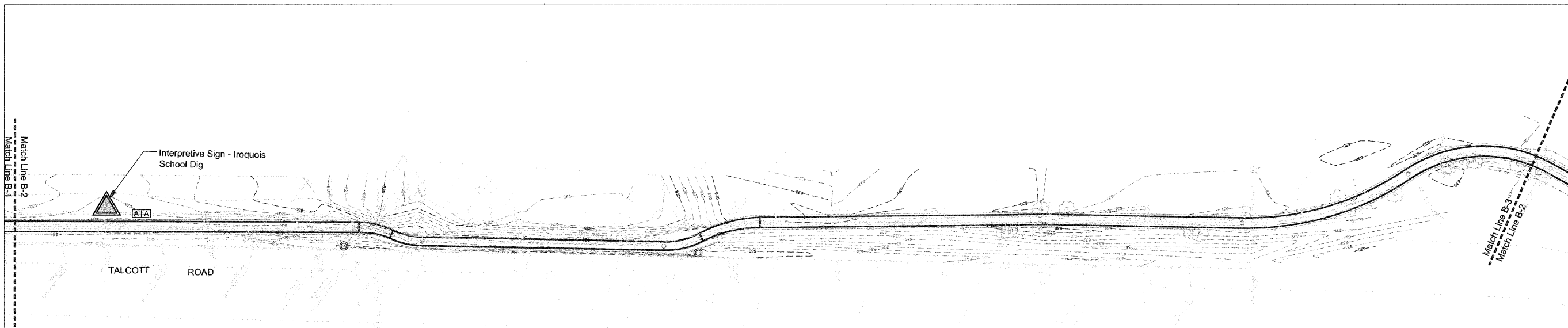
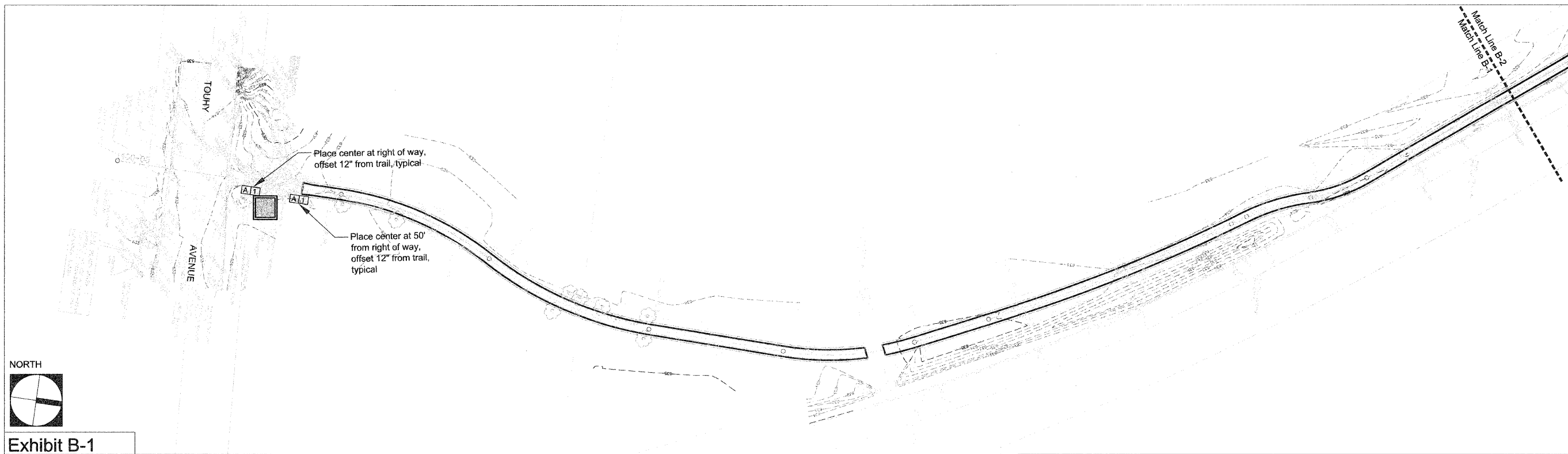
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 4 OF 4)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.		08-00202-00-SW	COOK	ILLINOIS	118	47
SHEET NO. 4 OF 4 SHEETS		CONTRACT NO. 63/88		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



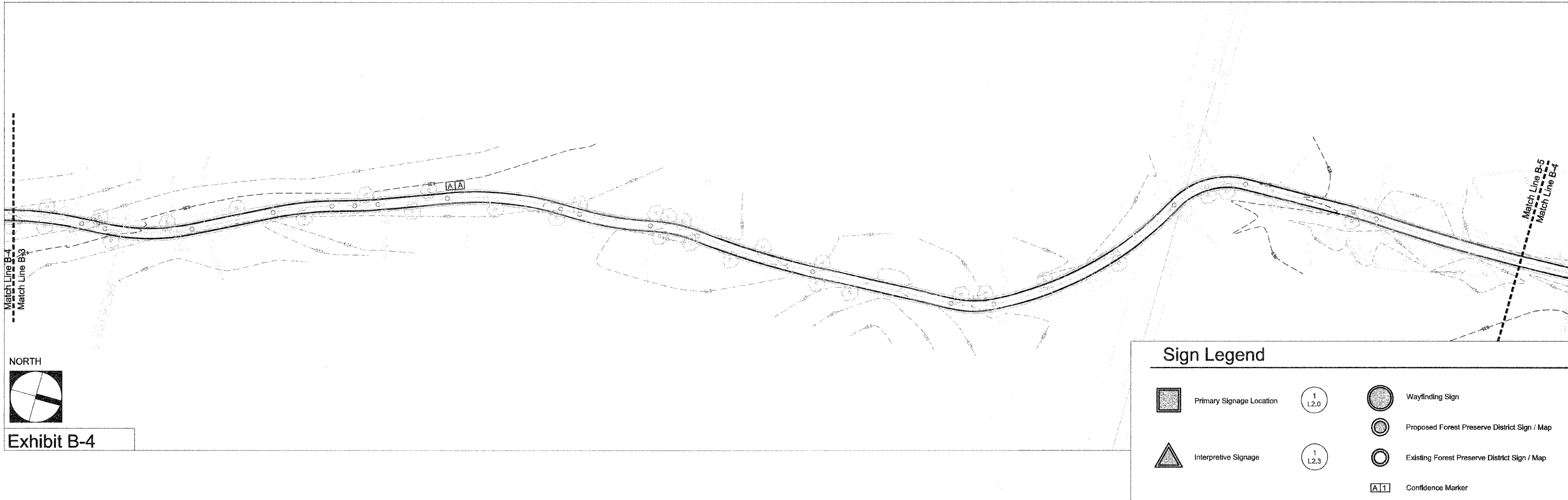
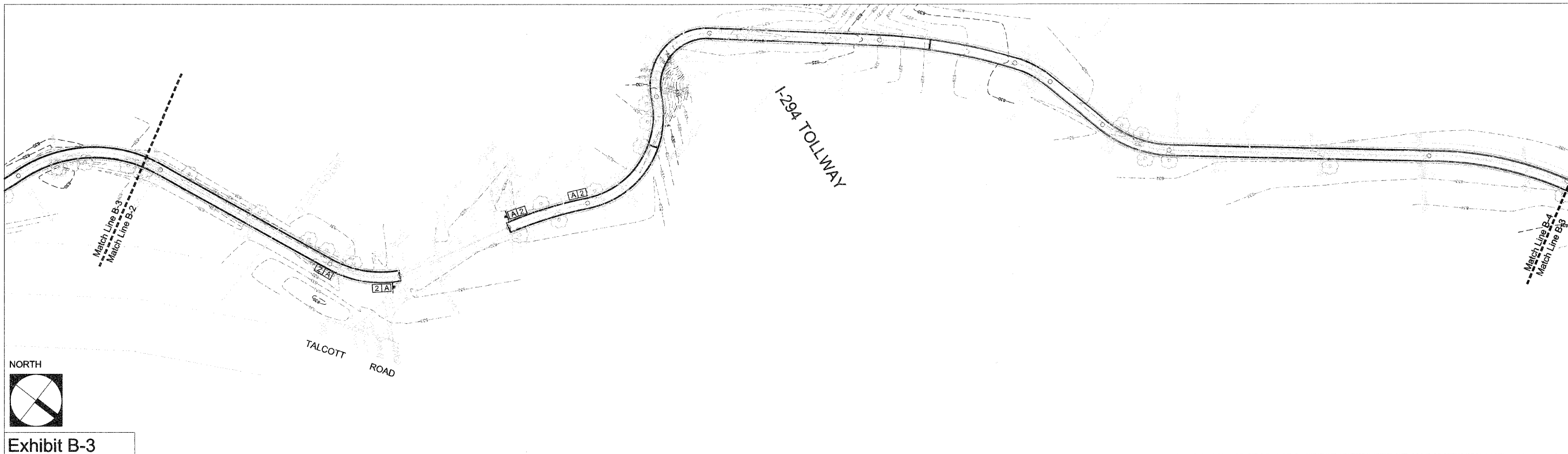
Sign Plan Key

FILE NAME = J:\Projects\700760713\Civil\Tech Engineering Inc\009-Des Plaines River Trail\H Graphics\05-03-09\14.Layout and Materials.dwg PLOT SCALE = 1" = 600' PLOT DATE = March 26, 2009	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L1.0 WAYFINDING & INFORMATIONAL SIGN PLAN KEY		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - CJW	REVISED -		SECTION	08-0202-00SW	COOK	118	48		
	CHECKED - EFH	REVISED -		SCALE: 1" = 600' SHEET NO. 48 OF 118 SHEETS STA. _____ TO STA. _____		63186		FED. AID PROJECT		
	DATE - 3/26/09	REVISED -		ILLINOIS						



Sign Legend				
	Primary Signage Location			Wayfinding Sign
	Interpretive Signage			Proposed Forest Preserve District Sign / Map
	Confidence Marker			Existing Forest Preserve District Sign / Map

FILE NAME = J:\Projects\700760715-Civiltech Engineering Inc\009-Des Plaines River Trail\14 Graphics\05-00-CD\014.Layout and Materials.dwg	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L1.1 WAYFINDING & INFORMATIONAL SIGN PLAN SOUTH		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1" = 50'	DRAWN - CJW	REVISED -		SCALE: 1" = 50'	SHEET NO. 49 OF 118 SHEETS	STA. _____ TO STA. _____	SECTION	08-00202-009SW	COOK	118	49
PLOT DATE = March 26, 2009	CHECKED - EFH	REVISED -		CONTRACT NO. 63188		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT					
	DATE - 3/26/09	REVISED -									



Sign Legend			
	Primary Signage Location		Wayfinding Sign
	Interpretive Signage		Proposed Forest Preserve District Sign / Map
			Existing Forest Preserve District Sign / Map
			Confidence Marker

FILE NAME = J:\Project\070918\0719-Clallach_Engineering_01\009-Des Plaines River Trail\01 Graphics\05-00-CD\01-Layout and Materials.dwg PLOT SCALE = 1" = 50' PLOT DATE = March 26, 2009	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L1.2 WAYFINDING & INFORMATIONAL SIGN PLAN SOUTH		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	CHECKED - EFH	REVISED -		SCALE: 1" = 50'	SHEET NO. 50 OF 118 SHEETS	STA. _____ TO STA. _____	CONTRACT NO.	63188		
	DATE - 3/26/09	REVISED -		FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT				

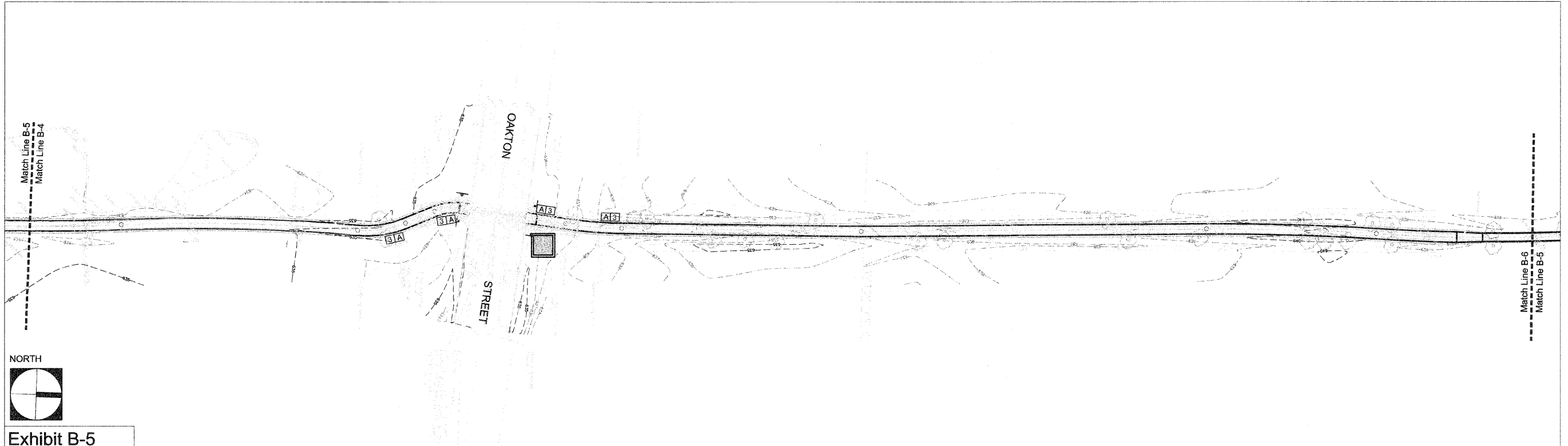


Exhibit B-5



Exhibit B-6

Sign Legend					
	Primary Signage Location		L2.0		L2.2
	Interpretive Signage		L2.3		L2.1
	Wayfinding Sign		L2.3		L2.1
	Proposed Forest Preserve District Sign / Map		L2.3		L2.1
	Existing Forest Preserve District Sign / Map		L2.3		L2.1
	Confidence Marker		L2.3		L2.3

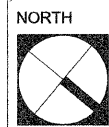
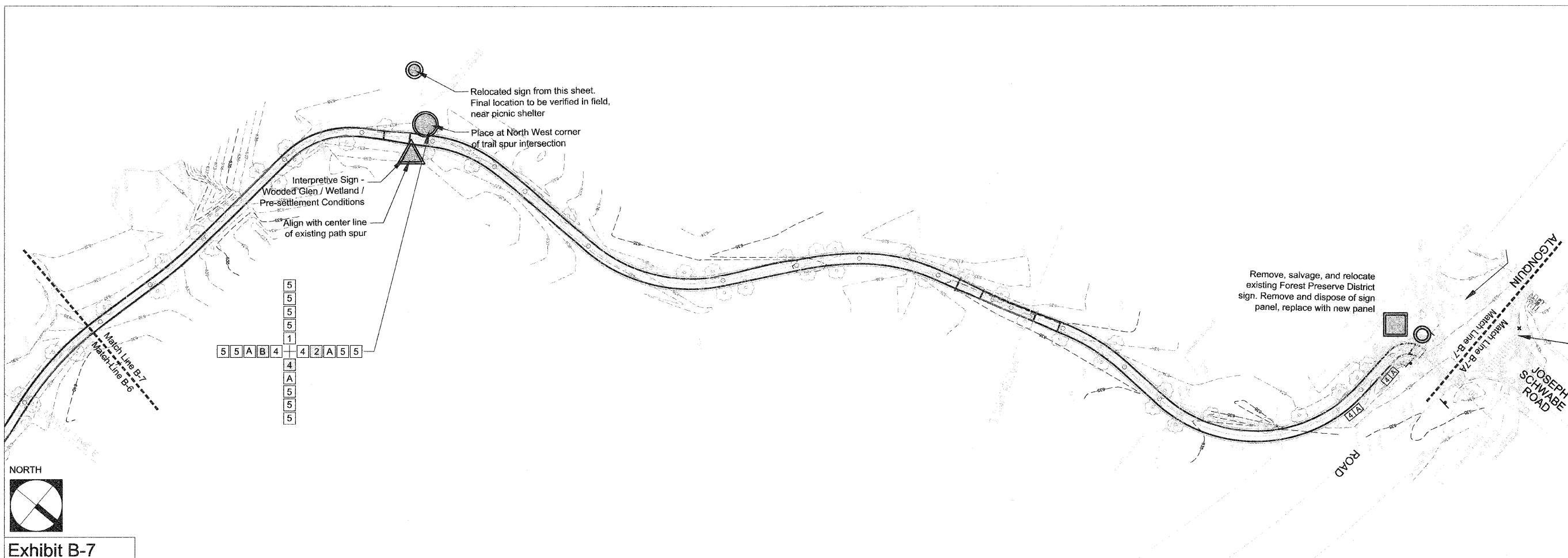


Exhibit B-7

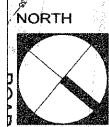
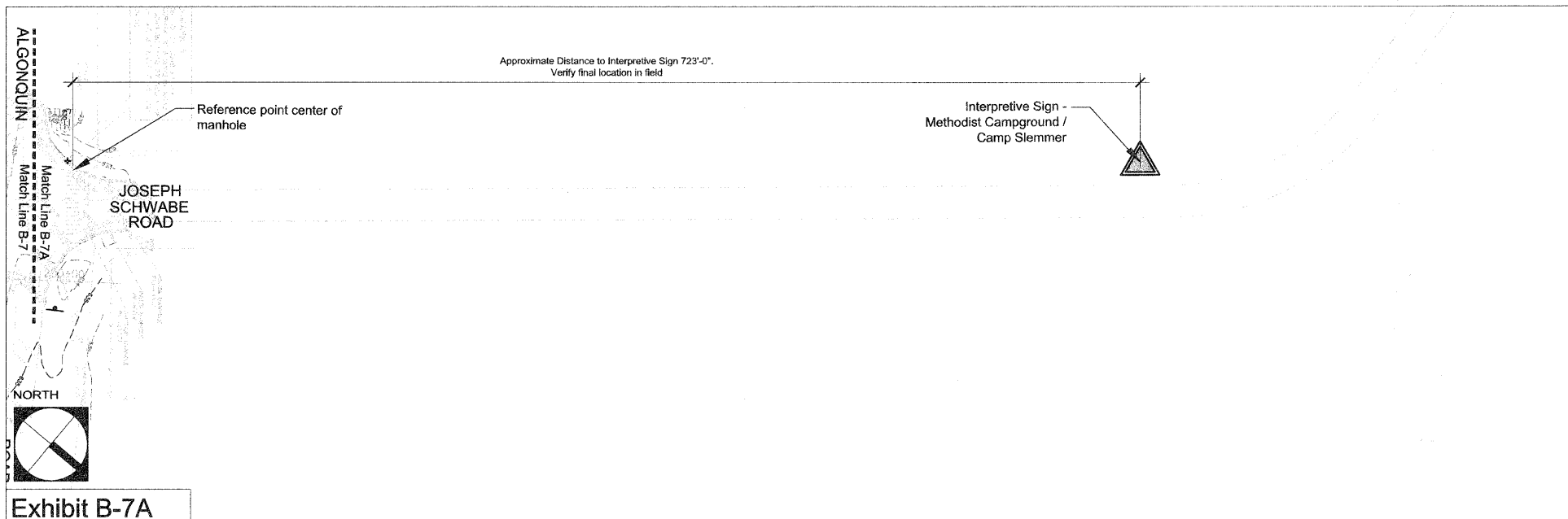
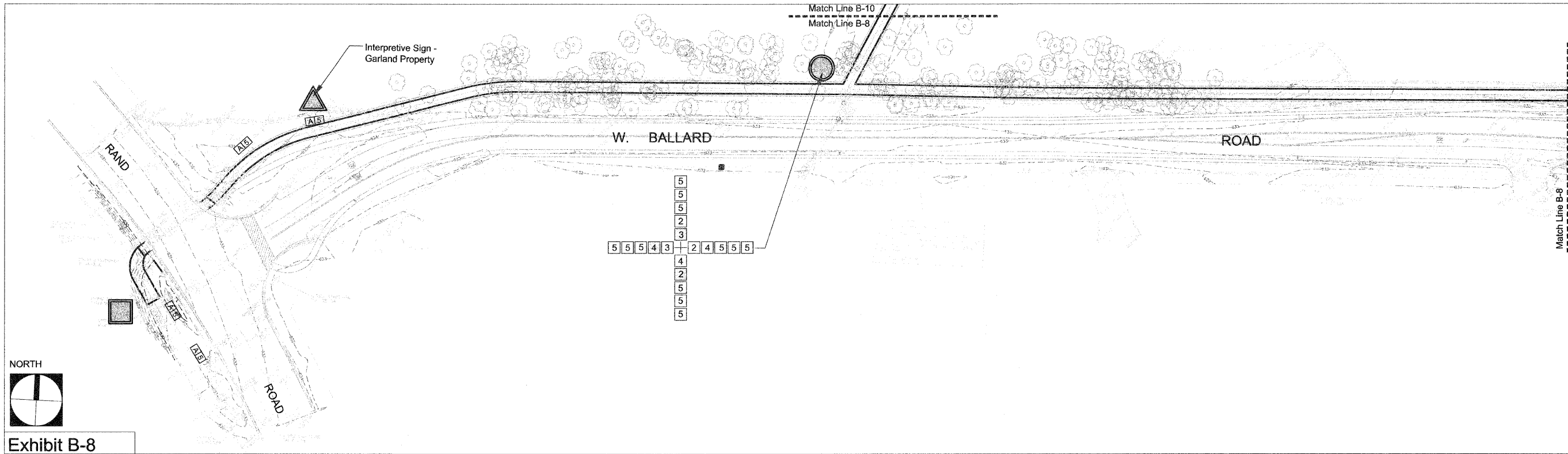


Exhibit B-7A

Sign Legend

	Primary Signage Location		Wayfinding Sign		1 L2.2
	Interpretive Signage		Proposed Forest Preserve District Sign / Map		1 L2.1
	1		Existing Forest Preserve District Sign / Map		1 L2.3
	2		Confidence Marker		5 L2.3
	3				
	4				
	5				
	A				
	B				
	Purple				

* All yellow unless otherwise noted



Sign Legend

	Primary Signage Location		Wayfinding Sign
	Interpretive Signage		Proposed Forest Preserve District Sign / Map
	Existing Forest Preserve District Sign / Map		Confidence Marker

Sign Panel Key

	←→		Blank
	→		
	←		
	↑		Purple

* All yellow unless otherwise noted

FILE NAME = J:\Project\1009\10713-Civiltech Engineering Inc\009-Des Plaines River Trail\BH Graphics\105-00-CD\01-Layout and Materials.dwg	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L1.5 WAYFINDING & INFORMATIONAL SIGN PLAN NORTH		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1" = 50'	DRAWN - CJW	REVISED -		SECTION	08-00202-00SW	COOK	118	53		
PLOT DATE = March 26, 2009	CHECKED - EFH	REVISED -		SCALE: 1" = 50'	SHEET NO. 53 OF 116 SHEETS	STA. _____ TO STA. _____	63182		CONTRACT NO.	
DATE - 3/26/09	DATE -	REVISED -		FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT			

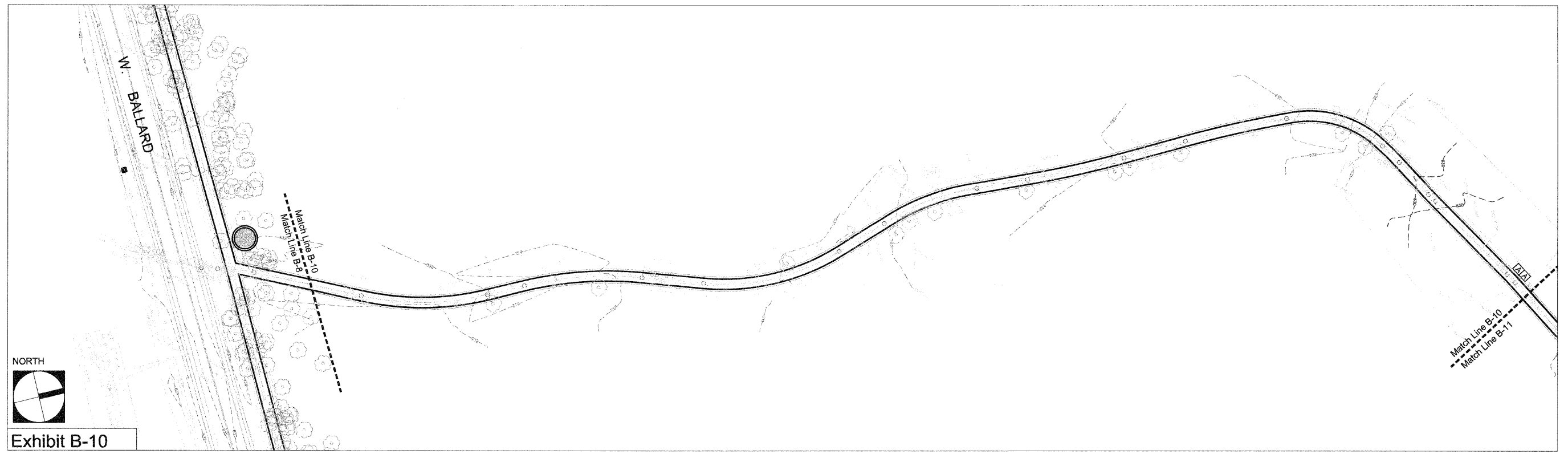


Exhibit B-10

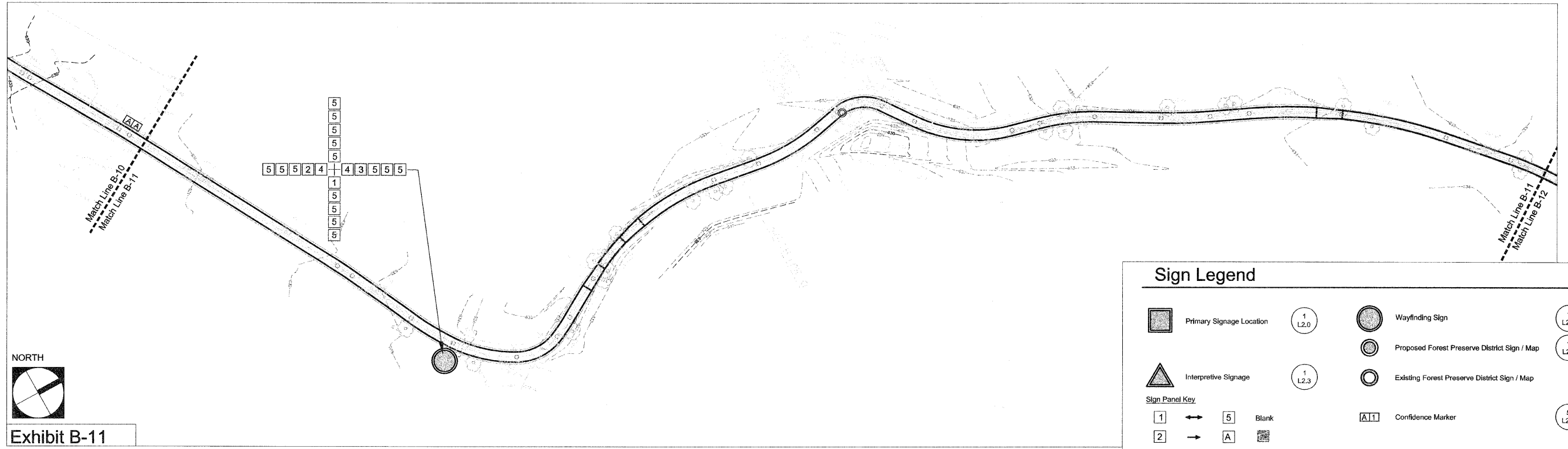


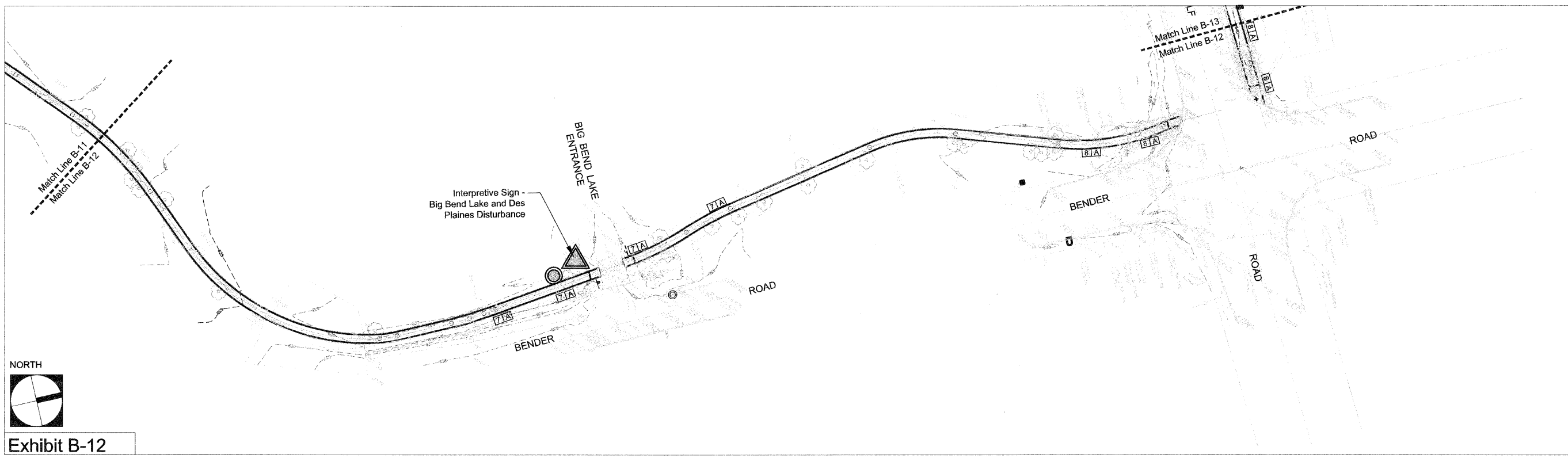
Exhibit B-11

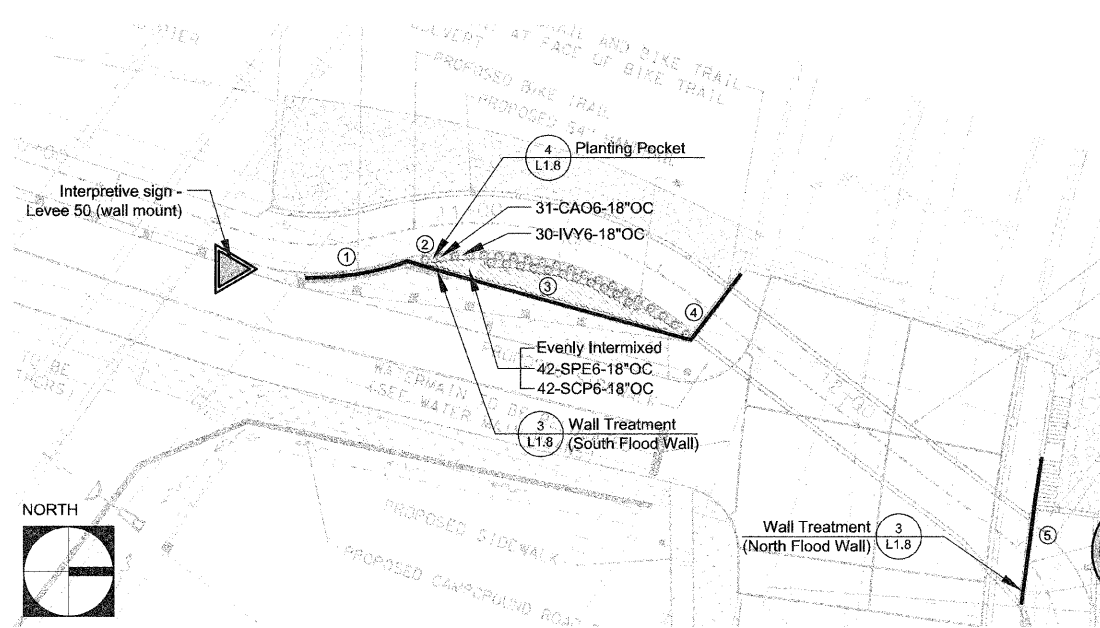
Sign Legend

	Primary Signage Location		Wayfinding Sign		1 L2.2
	Interpretive Signage		Proposed Forest Preserve District Sign / Map		1 L2.1
Sign Panel Key					
	→		Blank		
	→				
	←				
	↑		Purple		Confidence Marker
					5 L2.3

* All yellow unless otherwise noted

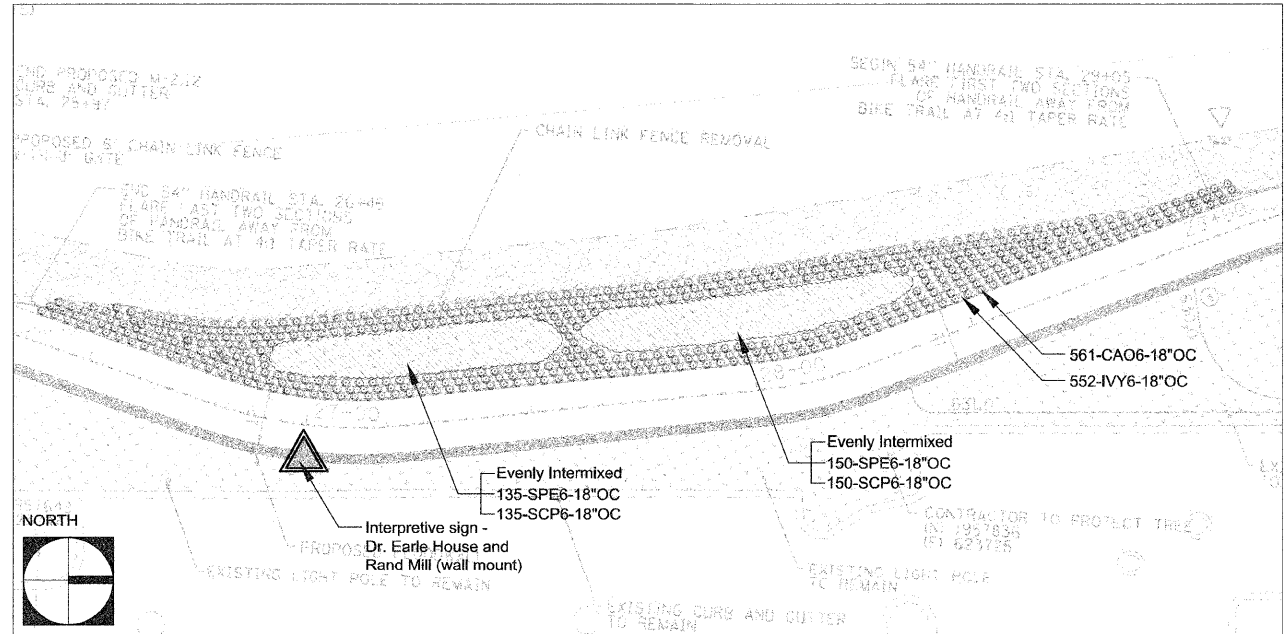
FILE NAME = J:\Project\7009\0713-Civil\Tech Engineering Inc\008-Des Plaines River Trail\BH Graphics\09-JD-CDR\1-Layout and Materials.dwg	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L1.6 WAYFINDING & INFORMATIONAL SIGN PLAN NORTH		FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1" = 50'	DRAWN - CJW	REVISED -		SECTION	08-00202-00SW	COOK	118	54		
PLOT DATE = March 26, 2009	CHECKED - EFH	REVISED -		SCALE: 1" = 50'	SHEET NO. 54 OF 118 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63188
	DATE - 3/26/09	REVISED -								



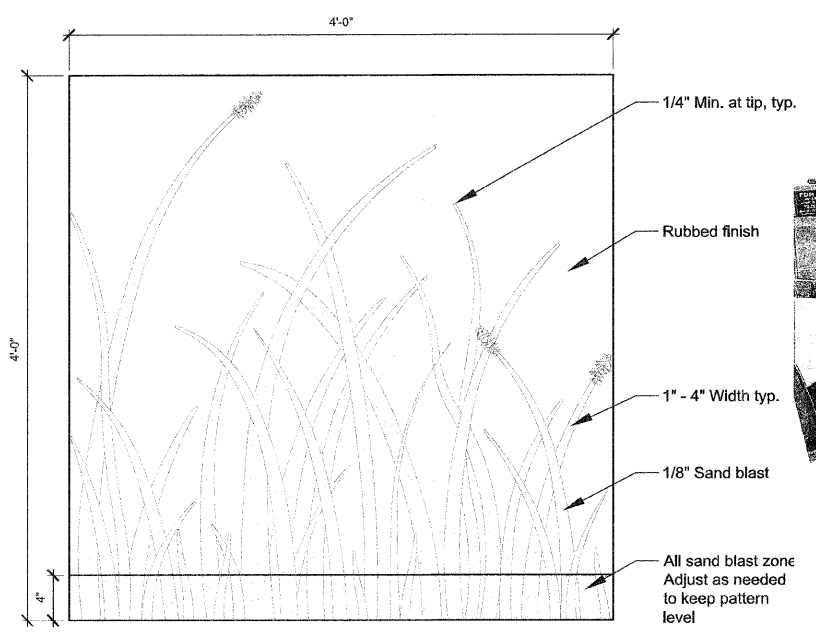


1 South Flood Wall - Planting Plan
Scale: 1" = 20'-0"

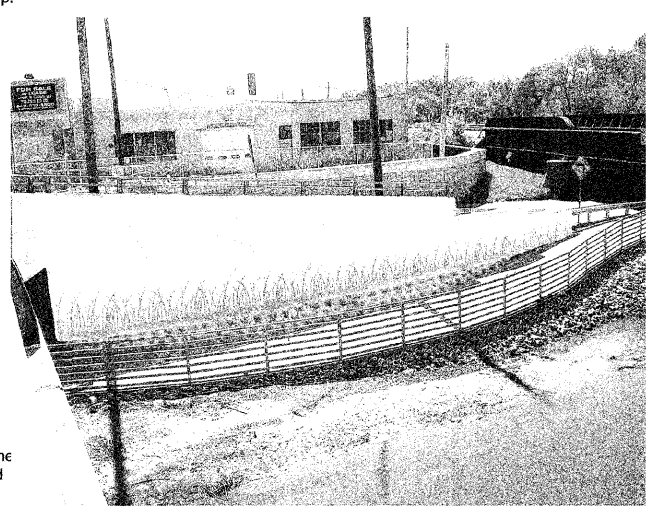
Code	Botanical Name	Common Name	Size	Qty
Perennials				
CA06	Carex comosa	Bristly Sedge	1 GAL	592
IVY6	Iris versicolor 'Gerald Darby'	Gerald Darby Multi-Colored Iris	1 GAL	582
SCP6	Scirpus pungens	Chairmaker's Rush	1 GAL	327
SPE6	Spartina pectinata	Cord Grass	1 GAL	327



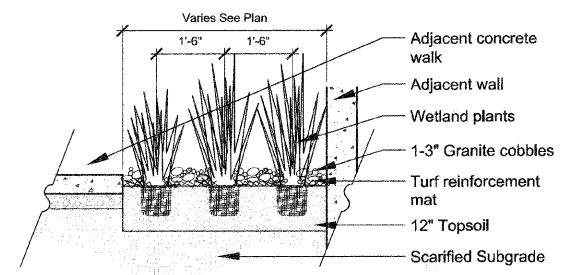
2 North Flood Wall - Planting Plan
Scale: 1" = 20'-0"



3 Wall Treatment
Scale: 1 1/2" = 1'-0"

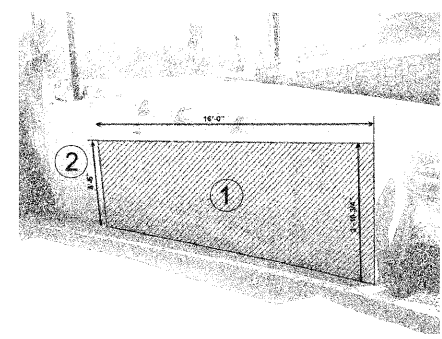


6 Wall Treatment Example

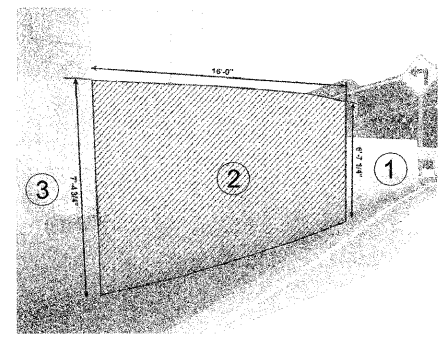


4 Planting Pocket
d-plant-grass
1/2" = 1'-0"

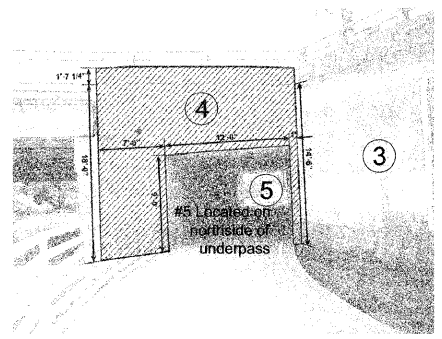
Note: Apply rub finish to all wall. Apply wall treatment finish to lower 4'-5'.



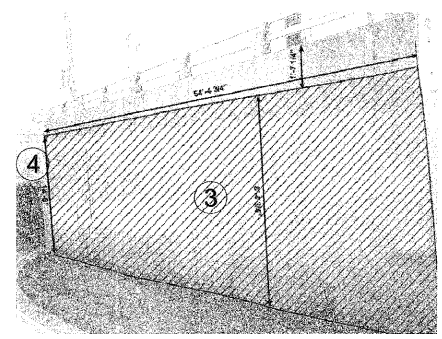
South Flood Wall



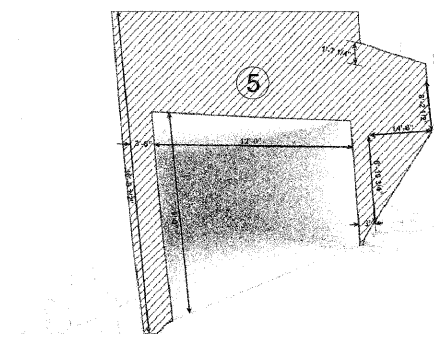
South Flood Wall



South Flood Wall



South Flood Wall



North Flood Wall

5 Wall Treatment Details
Scale: 1" = 20'-0"

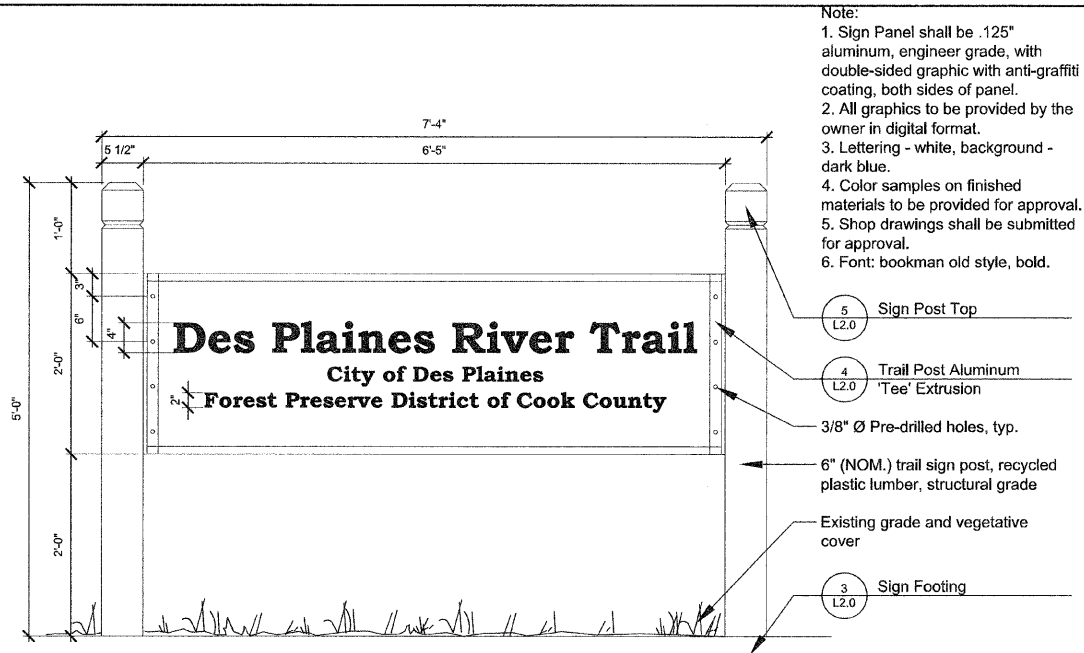
Exhibit B-14

FILE NAME = J:\Projects\70050713-Civil\Tech Engineering Inc\008-Des Plaines River Trail\11-Graphic\05-00-CD\11-Layout and Materials.dwg	DESIGNED - EFH	REVISED -
PLOT SCALE = As Listed	DRAWN - CJW	REVISED -
PLOT DATE = March 26, 2009	CHECKED - EFH	REVISED -
	DATE - 3/26/09	REVISED -

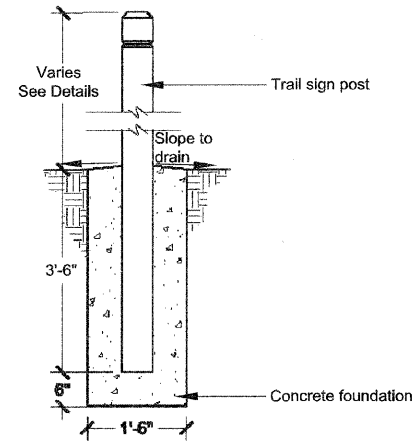
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL IMPROVEMENTS
L1.8 PLANTING POCKET AND WALL ENHANCEMENT PLAN

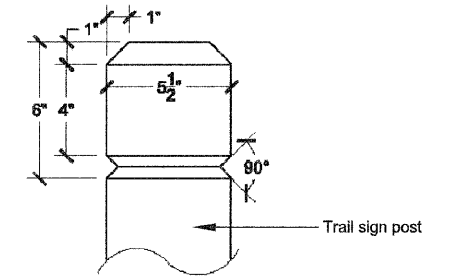
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-005W	COOK	118	56
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		



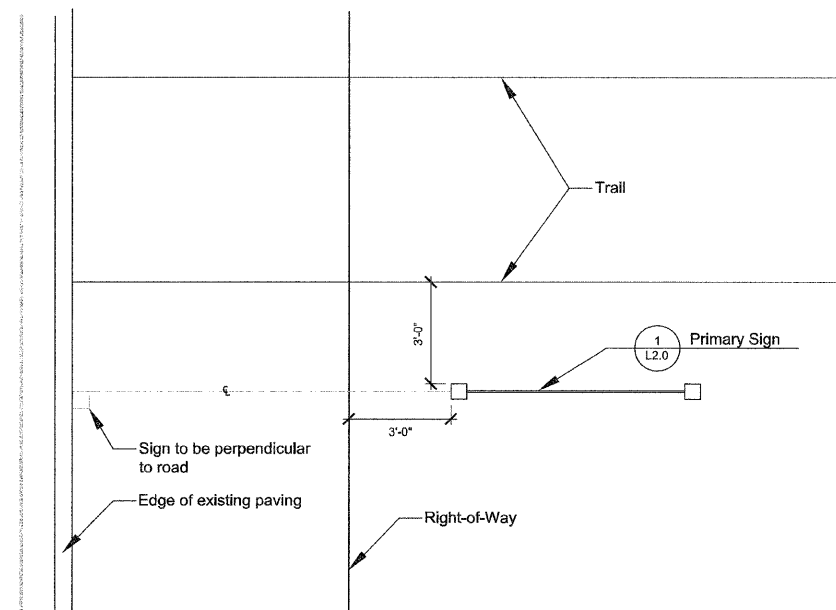
1 Primary Sign
 Scale: 1" = 1'-0"



3 Sign Footing
 Scale: 3" = 1'-0"

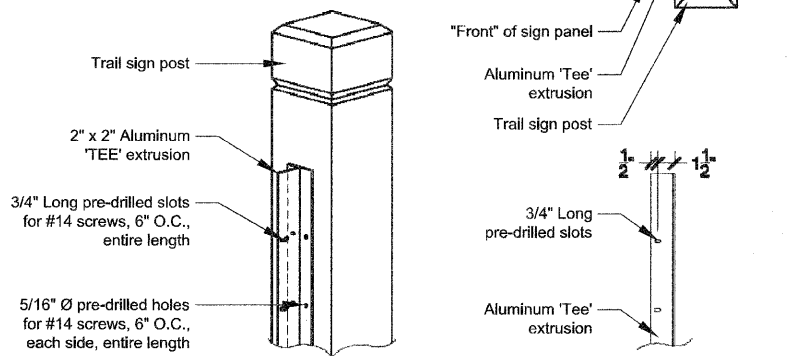


5 Sign Post Top
 Scale: 3" = 1'-0"



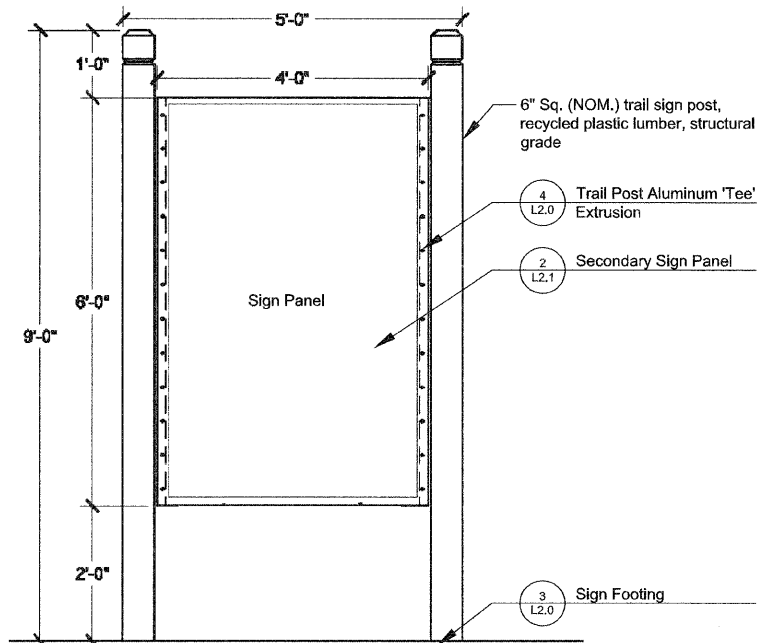
2 Primary Sign Placement Diagram
 Scale: 3/8" = 1'-0"

- Notes:
 1. Fasten tee to post with #14 x 1.5" six-lobe security screws, button head, type SMS, stainless steel and washer.
 2. 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.



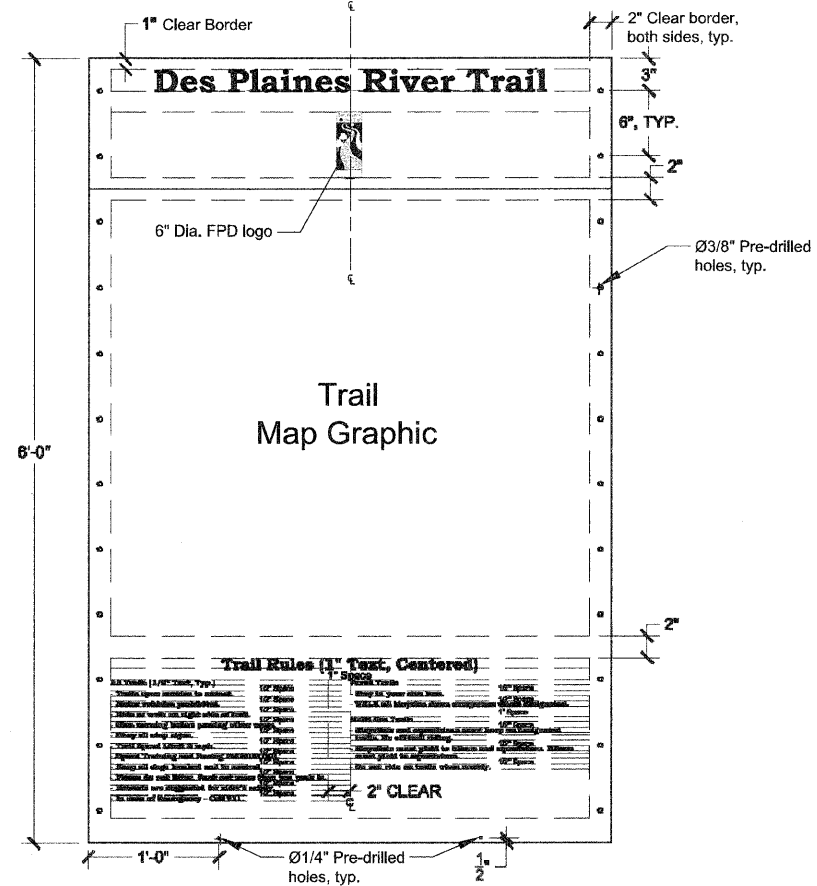
4 Trail Post Aluminum 'Tee' Extrusion
 Scale: 3" = 1'-0"

FILE NAME = J:\Projects\1107\0713-CivilTech Engineering Inc\008-Des Plaines River Trail\1 Graphics\05-DD-CD\02-Details.dwg	DESIGNED - EFH DRAWN - CJW CHECKED - EFH DATE - 3/26/09	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L2.0 WAYFINDING & INFORMATIONAL SIGN DETAILS	F.A. RTE. SECTION SECTION	SECTION 08-03202-00SW	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 57	CONTRACT NO. 63188	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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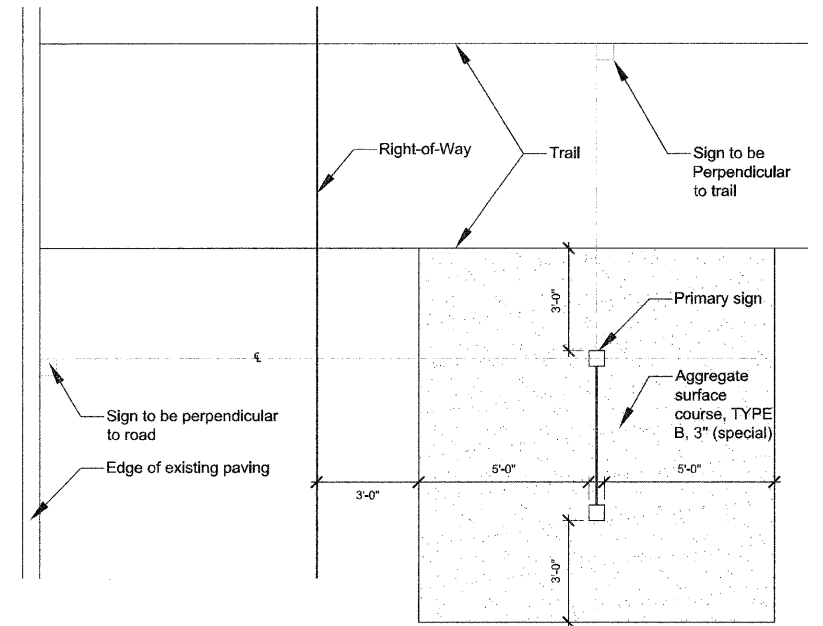
Notes:
1. Shop drawings shall be submitted for approval

1 Forest Preserve District Sign Map
Scale: 3" = 1'-0"



- 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.
 - Artwork to be provided by owner

2 Secondary Sign Panel
Scale: 1 1/2" = 1'-0"



3 Forest Preserve District Sign Placement Diagram / Map
Scale: 3/8" = 1'-0"

FILE NAME = J:\Projects\70050713-Civil\Tech Engineering Inc\008-Des Plaines River Trail\Graphics\05-03-CD\02-Details.dwg

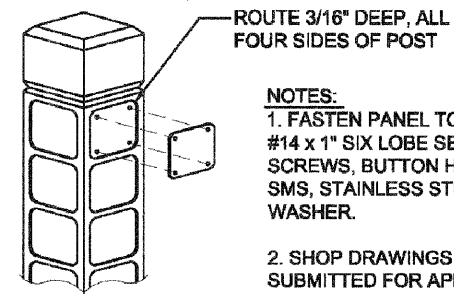
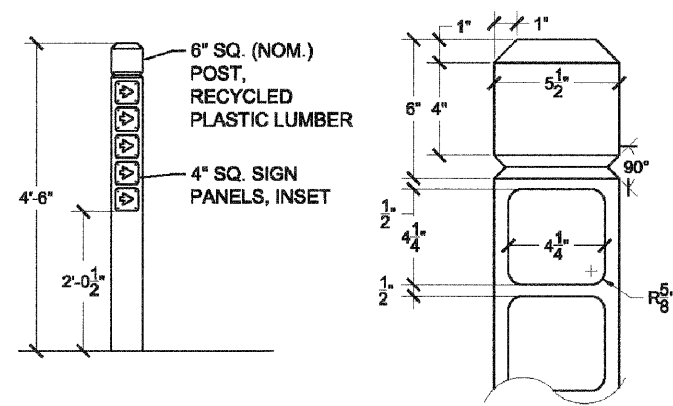
DESIGNED - EFH	REVISED -
DRAWN - CJW	REVISED -
CHECKED - EFH	REVISED -
DATE - 3/26/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

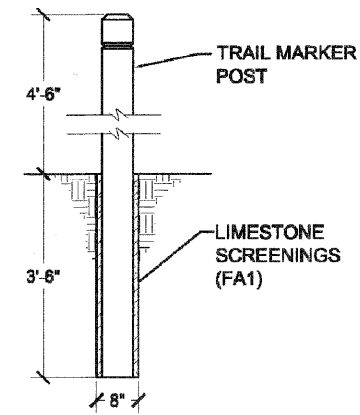
DES PLAINES RIVER TRAIL IMPROVEMENTS
L2.1 WAYFINDING & INFORMATIONAL SIGN DETAILS

SCALE: AS NOTED SHEET NO. 58 OF 118 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-005W	COOK	118	58
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	
		63188	CONTRACT NO.	

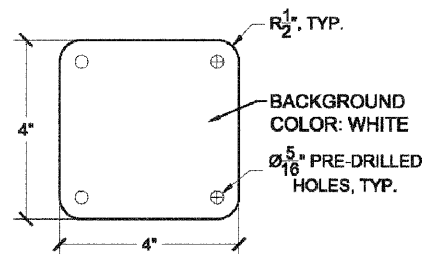


NOTES:
 1. FASTEN PANEL TO POST WITH #14 x 1" SIX LOBE SECURITY SCREWS, BUTTON HEAD, TYPE SMS, STAINLESS STEEL AND WASHER.
 2. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

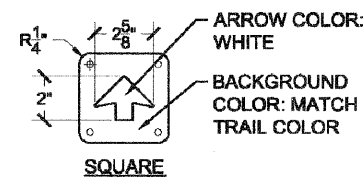


1 Wayfinding Sign - Trail
 Scale: 3" = 1'-0"

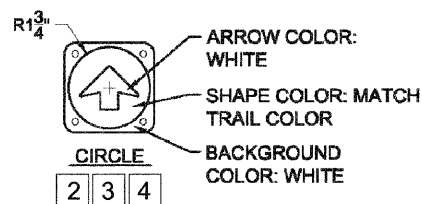
3 Wayfinding Sign Footing
 Scale: 3" = 1'-0"



TYPE 1-BLANK SIGN 5

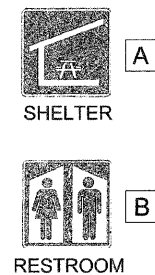
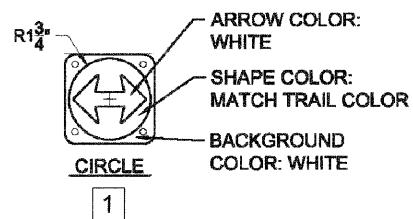
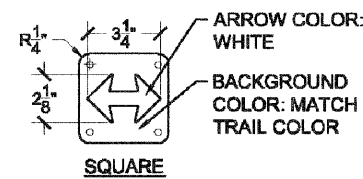


TYPE 2-ARROW SIGN



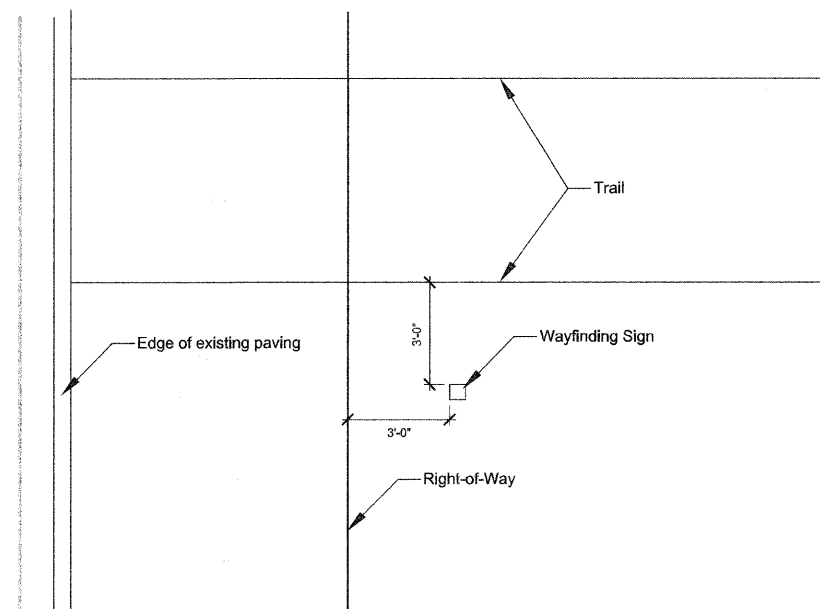
TRAIL COLORS (9):
 Red
 Black
 Purple
 Green
 Blue
 Tan
 Orange
 Brown
 Yellow

NOTES:
 1. Sign panels shall be 0.080" aluminum, engineer grade with single-sided graphic.
 2. Shop drawings shall be submitted for approval.
 3. Color samples on finished materials shall be provided for approval.
 4. Final number of blanks, color, and rotation of arrows to be determined by owner.

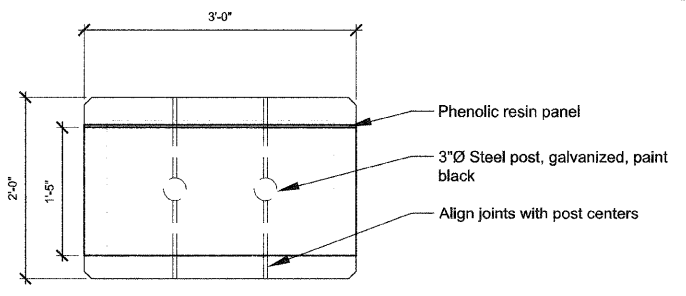


2 Wayfinding Sign Panels
 Scale: 3" = 1'-0"

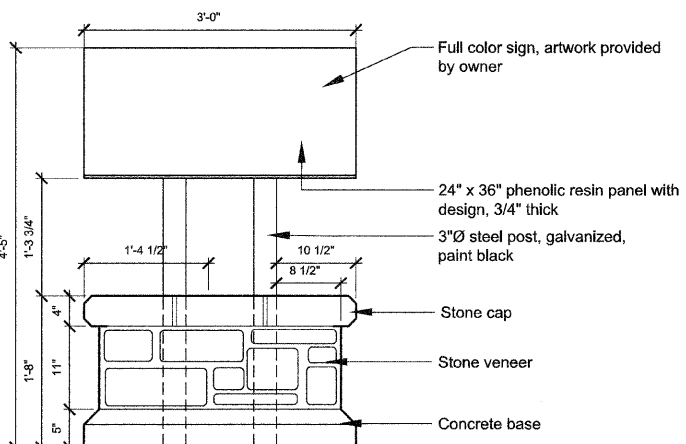
4 Wayfinding Sign Placement Diagram
 Scale: 3/8" = 1'-0"



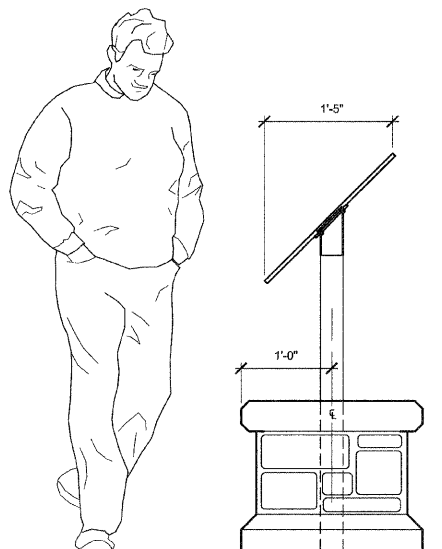
FILE NAME = J:\Projects\700560713-Civil\Tech Engineering Inc\008-Des Plaines River Trail\H Graphics\05-DD-CD02-Details.dwg	DESIGNED - EFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS L2.2 WAYFINDING & INFORMATIONAL SIGN DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = AS NOTED	DRAWN - CJW	REVISED -		SECTION	08-0202-005W	COOK	118	59		
PLOT DATE = March 26, 2009	CHECKED - EFH	REVISED -		SCALE: AS NOTED	SHEET NO. 59 OF 118 SHEETS	STA. _____ TO STA. _____	63188 CONTRACT NO.			
DATE - 3/26/09	DATE - 3/26/09	REVISED -		FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT			



Plan View

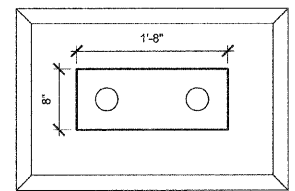


Front Elevation

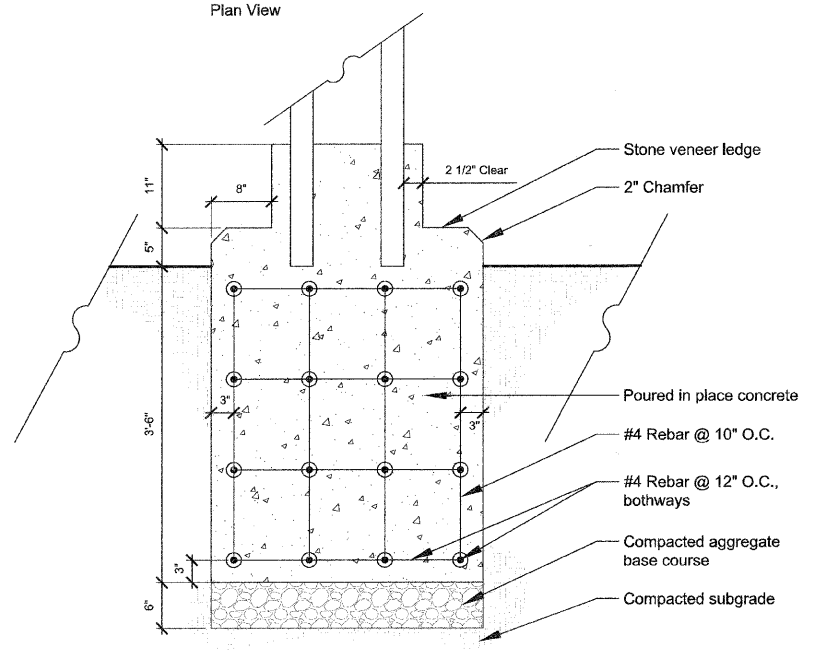


Side Elevation

1 Interpretive Trail Sign
Scale: 1" = 1'-0"

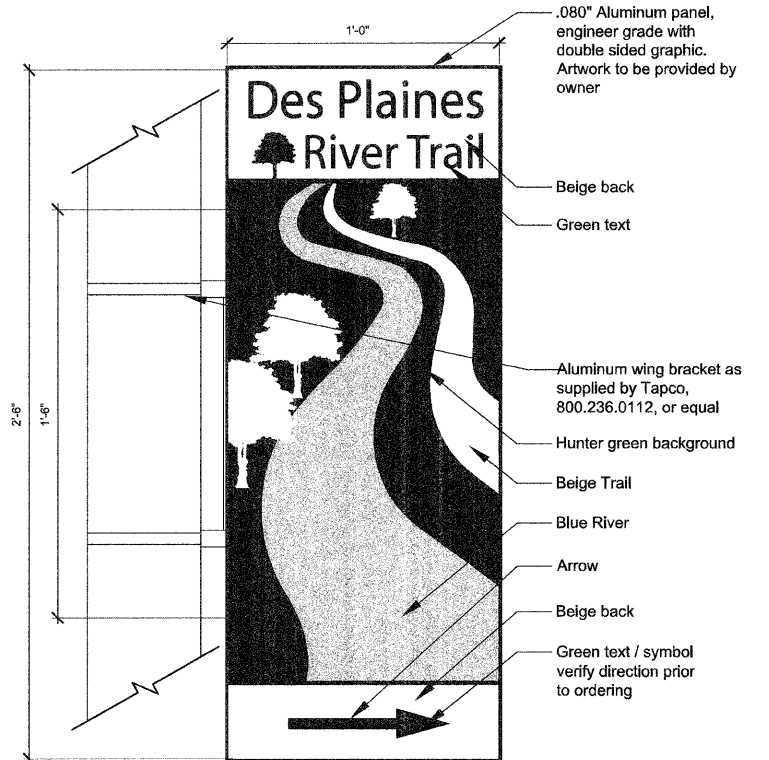


Plan View

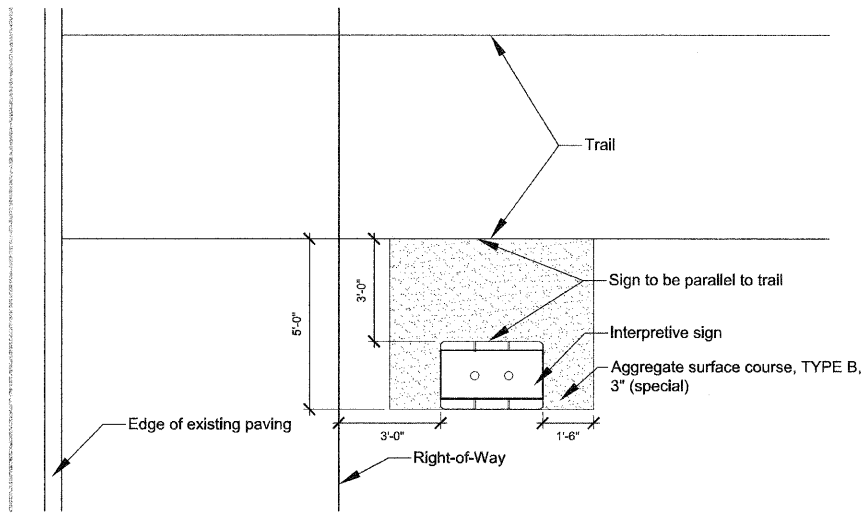


Front Section

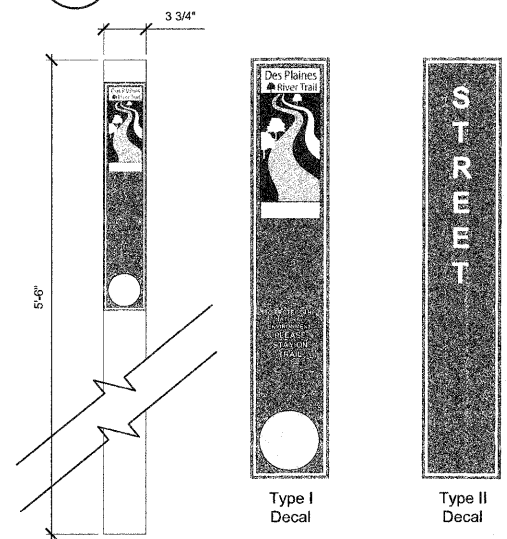
3 Interpretive Sign Foundation
Scale: 1" = 1'-0"



4 Wayfinding Sign - Street
Scale: 3" = 1'-0"

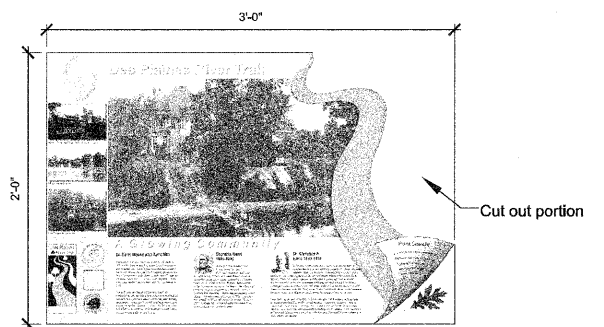


2 Interpretive Sign Placement Diagram
Scale: 3/8" = 1'-0"



5 Confidence Marker
Scale: 1 1/2" = 1'-0"

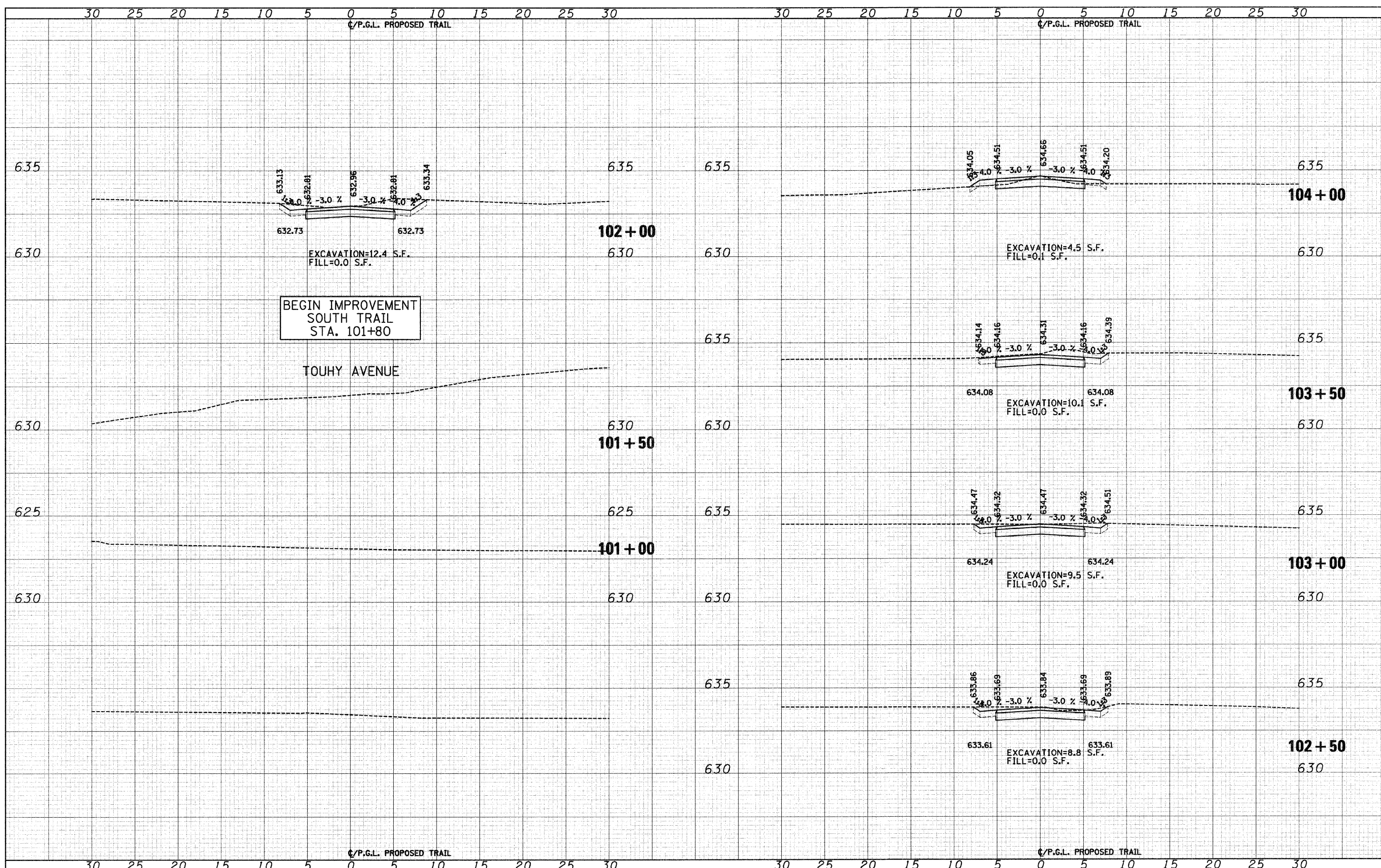
Symbols Legend	
A	Des Plaines River Trail
1	Touhy Avenue
2	Talcott Road
3	Oakton Street
4	Algonquin Road
5	Rand Road
6	W. Ballard Road
7	Big Bend Lake
8	Golf Road



6 Interpretive Sign Panel Example
Scale: 1 1/2" = 1'-0"

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

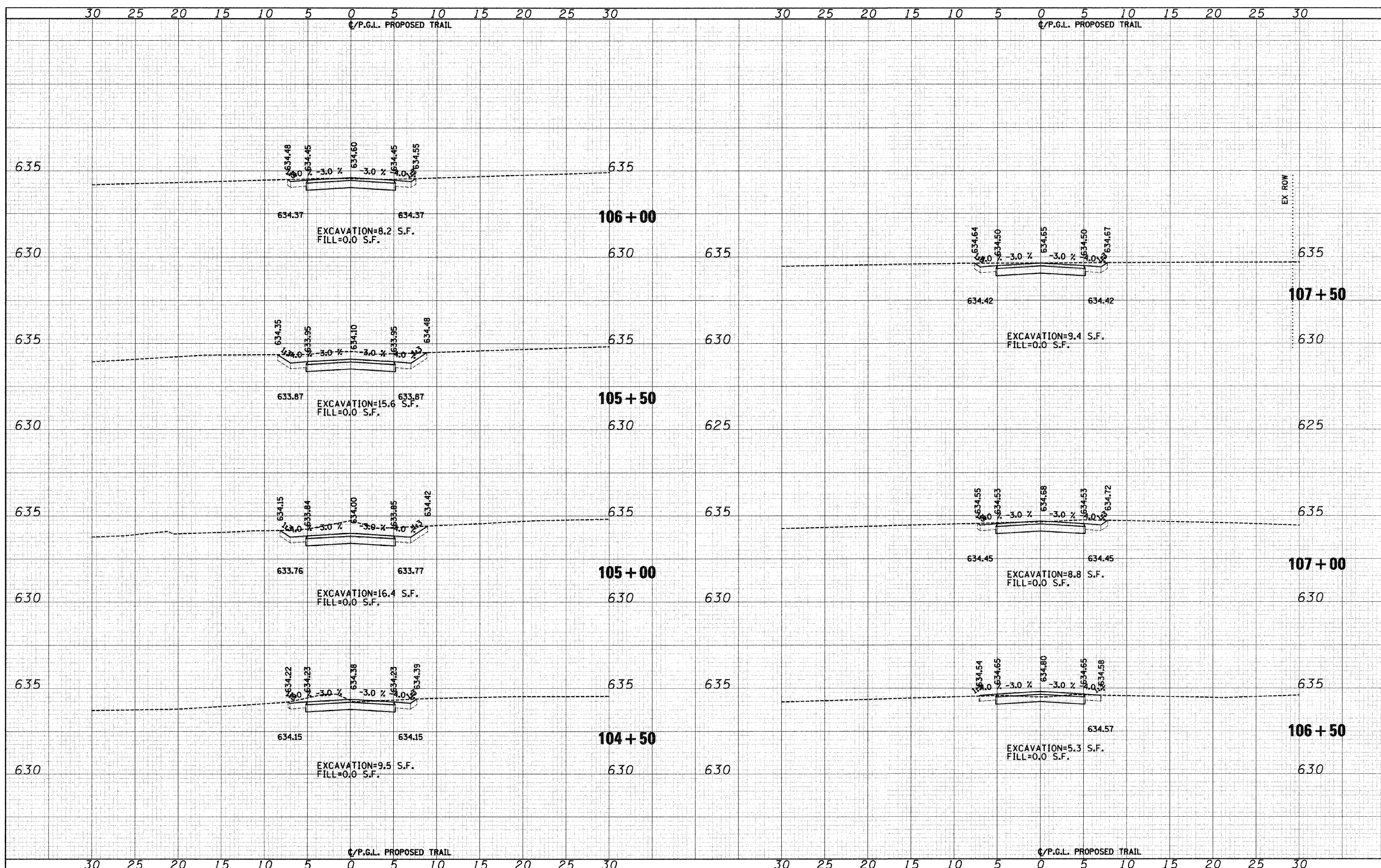
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = J:\2173\phase II\CAD\user\2173-sht-sw south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	SCALE: 1"=5'H 1"=25'V	SHEET NO. 1 OF 58 SHEETS	STA. 100+50 TO STA. 104+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	DRAWN - ARA	REVISED -	08-00202-00-SW						COOK	118	61		
PLOT DATE = 10/1/2009	CHECKED - MJF	REVISED -	CONTRACT NO. 63188										
DATE - 5/28/09	REVISED -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:										

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
NO. OF SHEETS	
AREAS CHECKED	

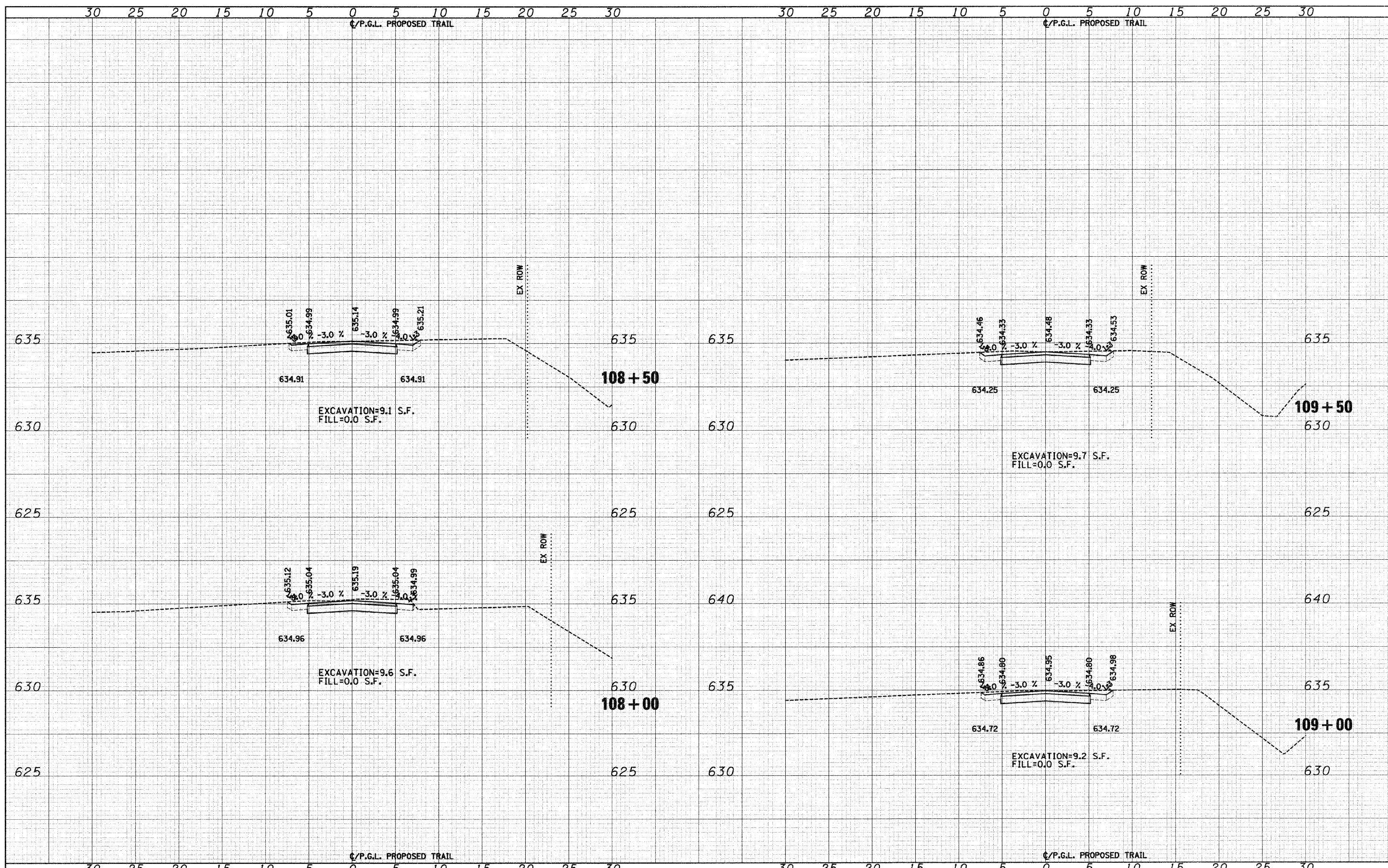
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
NO. OF SHEETS	
AREAS CHECKED	



FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISOR - ARA	REVISED -		SCALE: 1"=5'H 1"=25'V	SHEET NO. 2	OF 58 SHEETS	STA. 104+50	TO STA. 107+50	COOK	118	62
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISOR - MJF	REVISED -							CONTRACT NO. 63188		
										FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:		

DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
AREAS CHECKED	

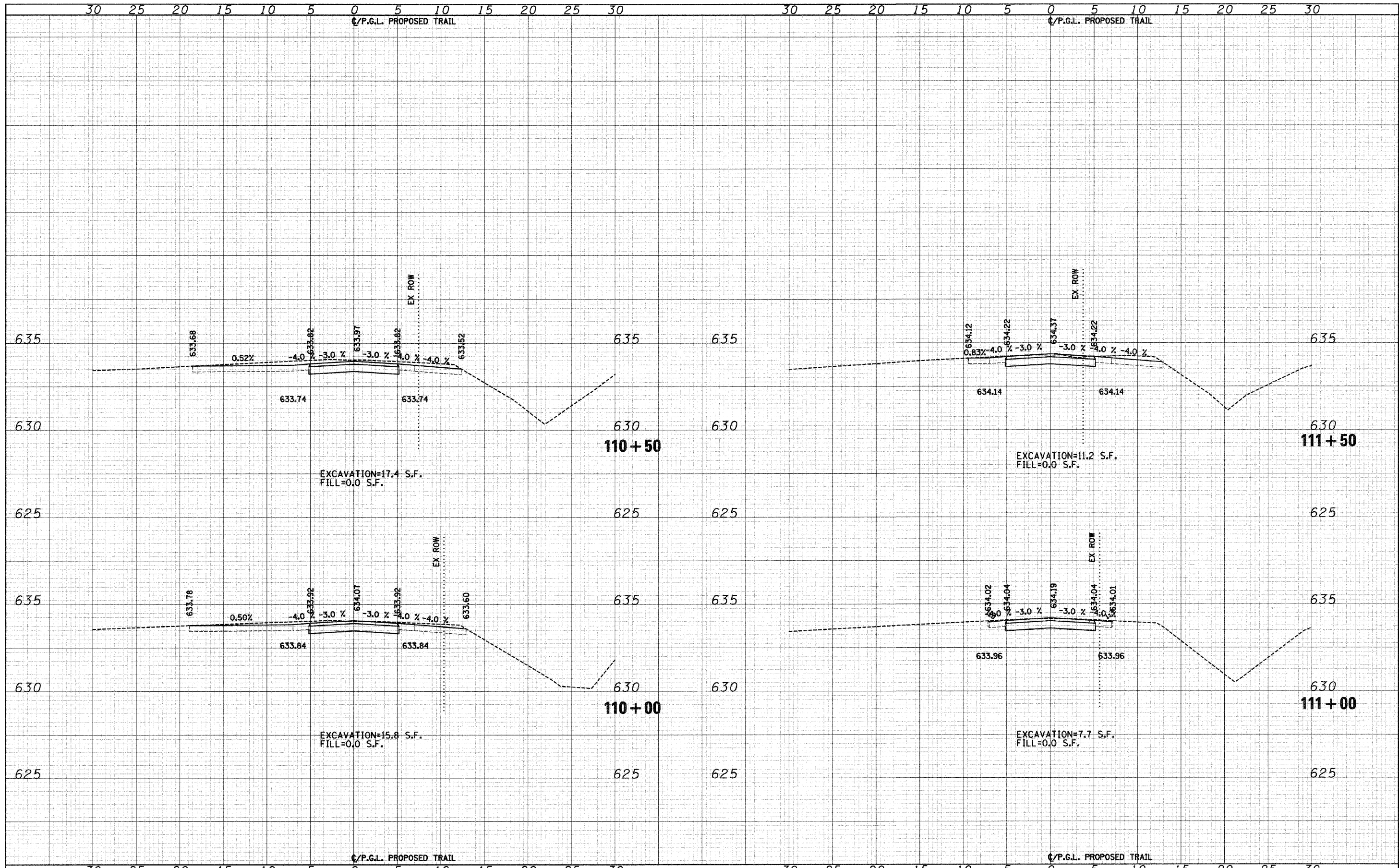
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
AREAS CHECKED	



FILE NAME = J:\2173\phase II\CAD\XSEC\2173-sht-xa south.dgn	USER NAME = CEI>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	SCALE: 1"=5'H 1"=2.5'V SHEET NO. 3 OF 58 SHEETS STA. 108+00 TO STA. 109+50	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 08-00202-00-SW COOK 118 63 CONTRACT NO. 63188
PLOT SCALE = 5/8000' / IN.	CHECKED - MJF	REVISED -					
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -					

FINAL SURVEY	SURVEYED	DATE
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	AREAS CHECKED	

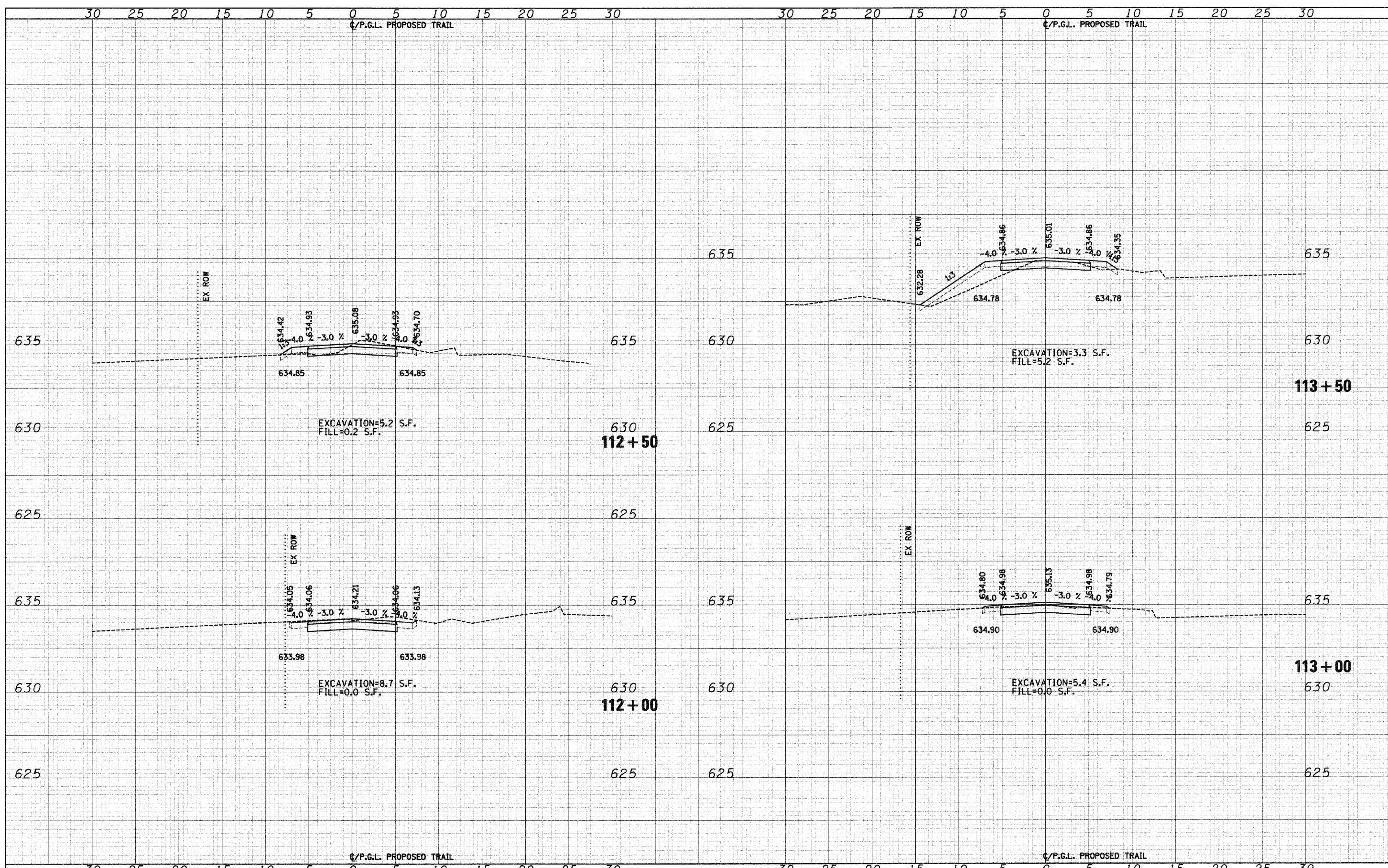
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	AREAS CHECKED	



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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	64		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 4 OF 58 SHEETS STA. 110+00 TO STA. 111+50							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				

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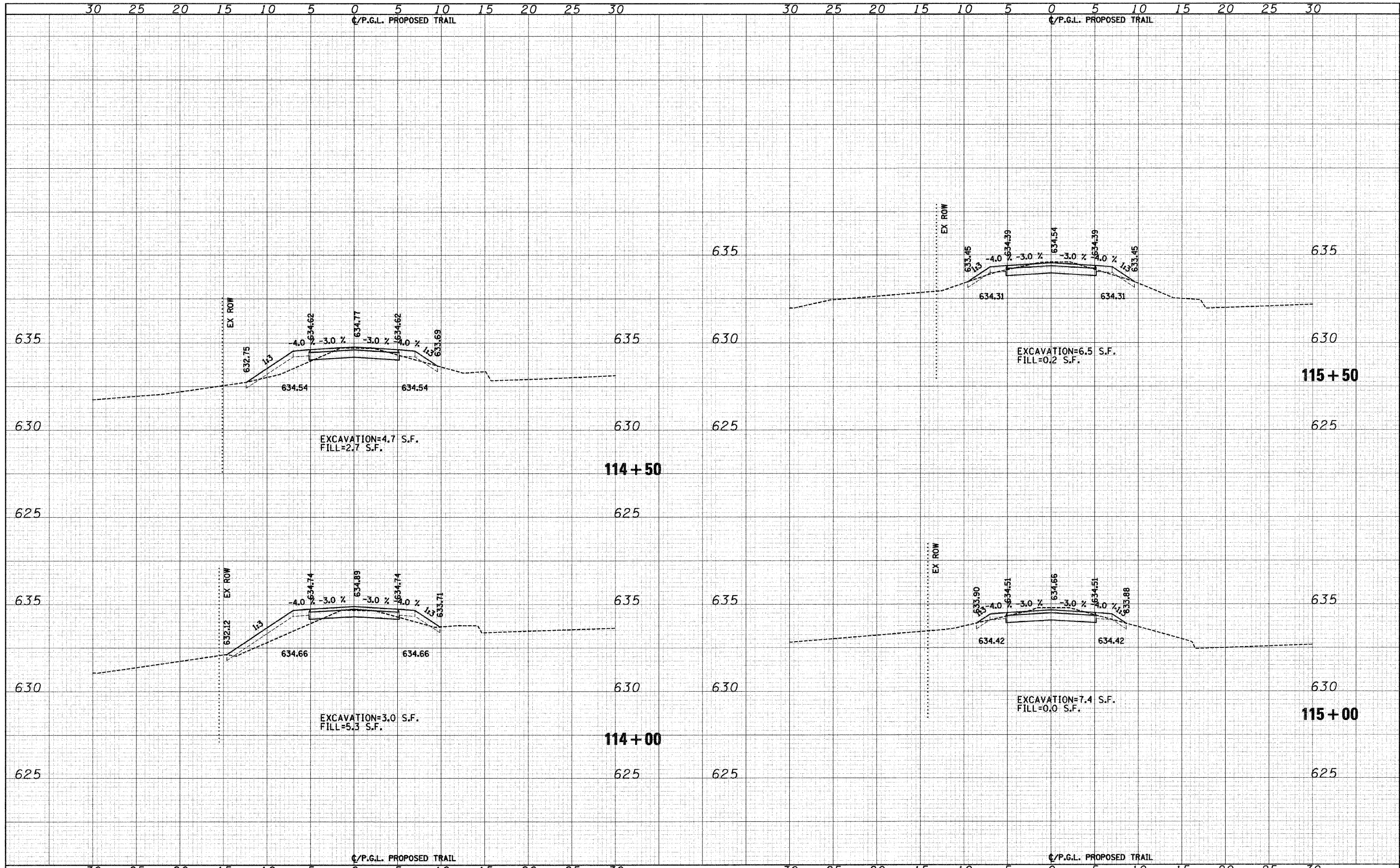
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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISIED -			08-00202-00-SW	COOK	118	65				
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -			CONTRACT NO. 63188							
					SCALE: 1"=5'H 1"=25'V SHEET NO. 5 OF 58 SHEETS STA. 112+00 TO STA. 113+50			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:			

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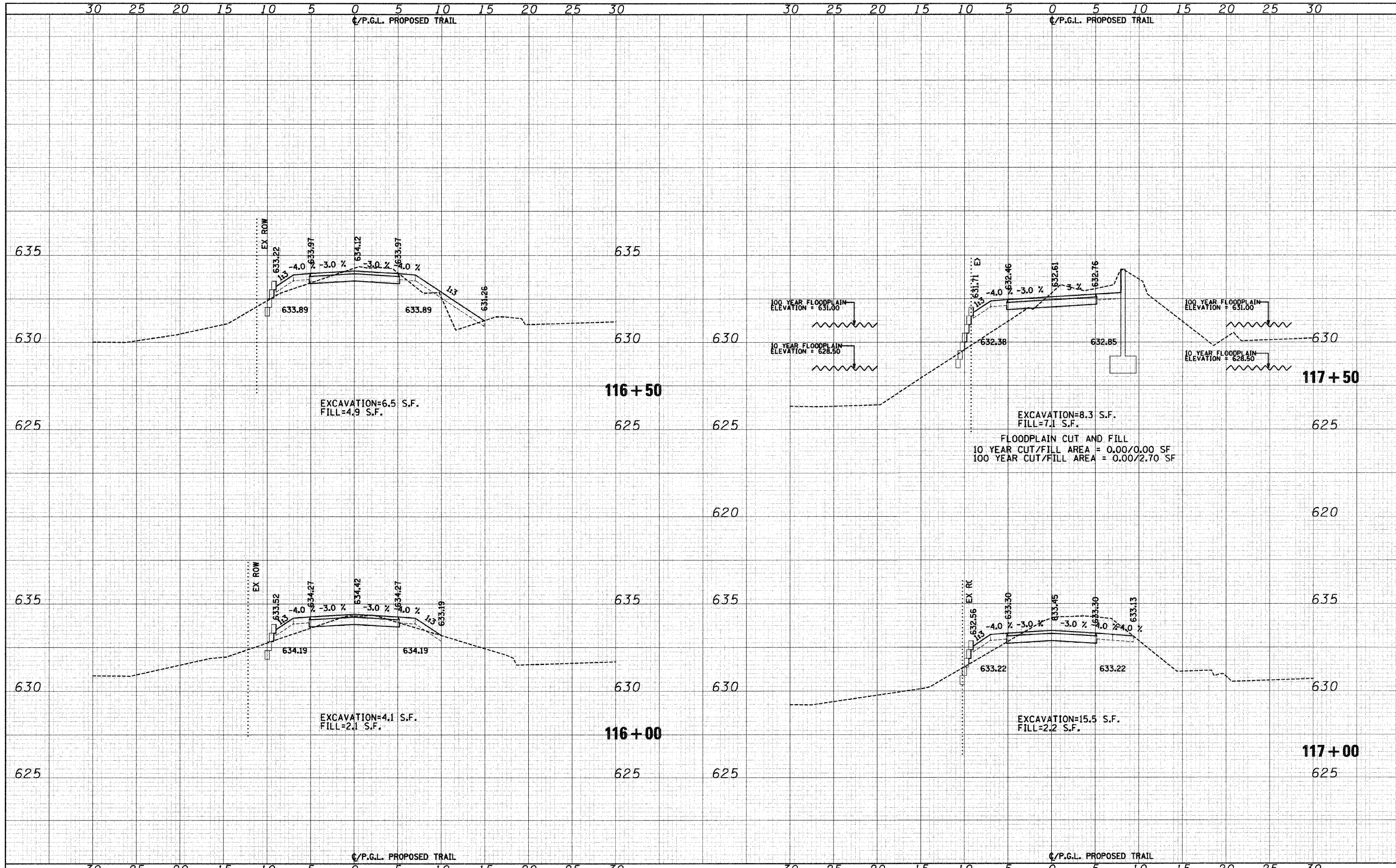
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	PLOT SCALE = 5.0000' / IN.	DRAWN - ARA	REVISED -		SCALE: 1"=5'H 1"=2.5'V	SHEET NO. 6	OF 58 SHEETS	STA. 114+00	TO STA. 115+50	08-00202-00-SW	COOK	118	66
	PLOT DATE = 10/1/2009	CHECKED - MJF	REVISED -										
		DATE - 5/28/09	REVISED -										
											CONTRACT NO. 63188		
											FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECTS		

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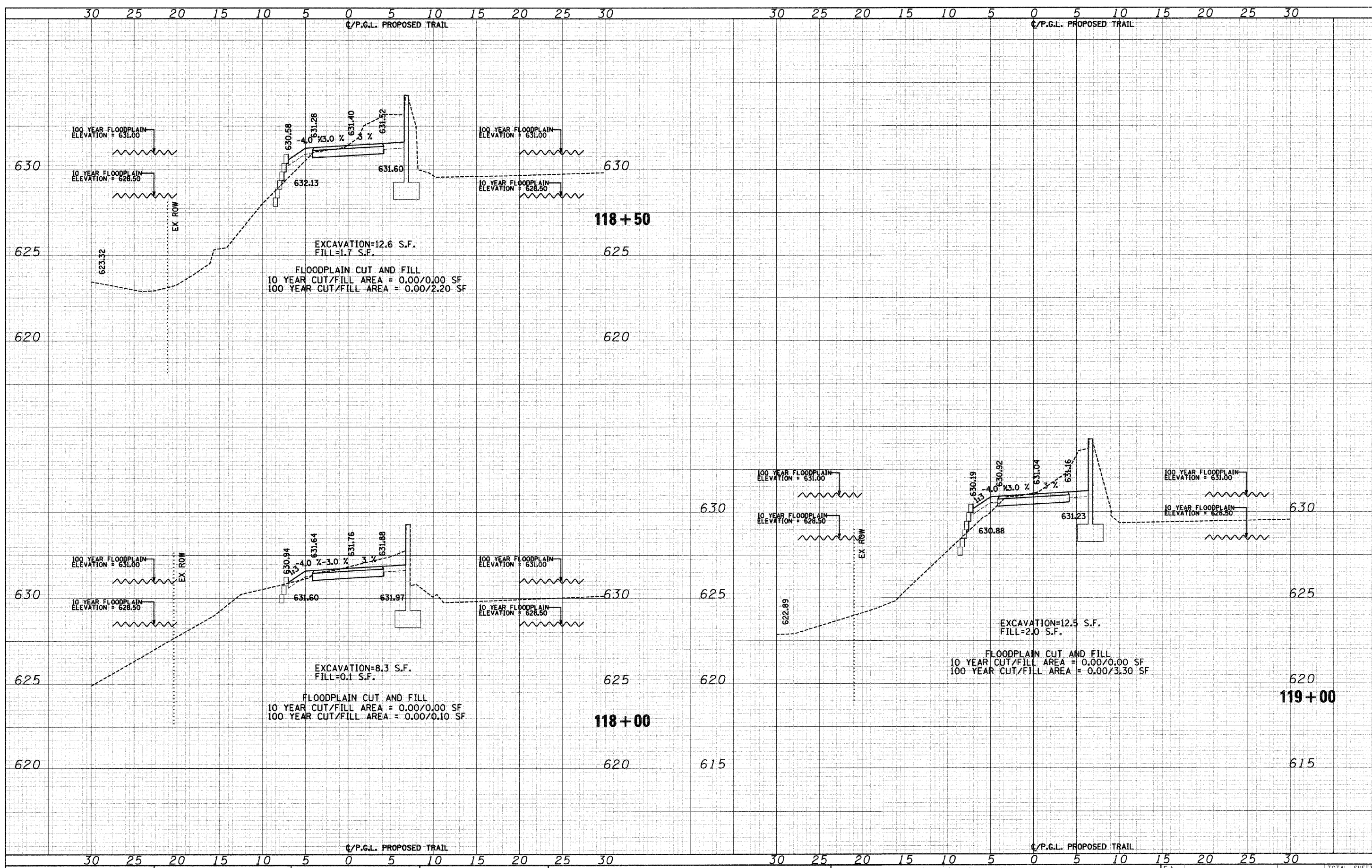
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	67		
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 7 OF 58 SHEETS STA. 116+00 TO STA. 117+50							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				

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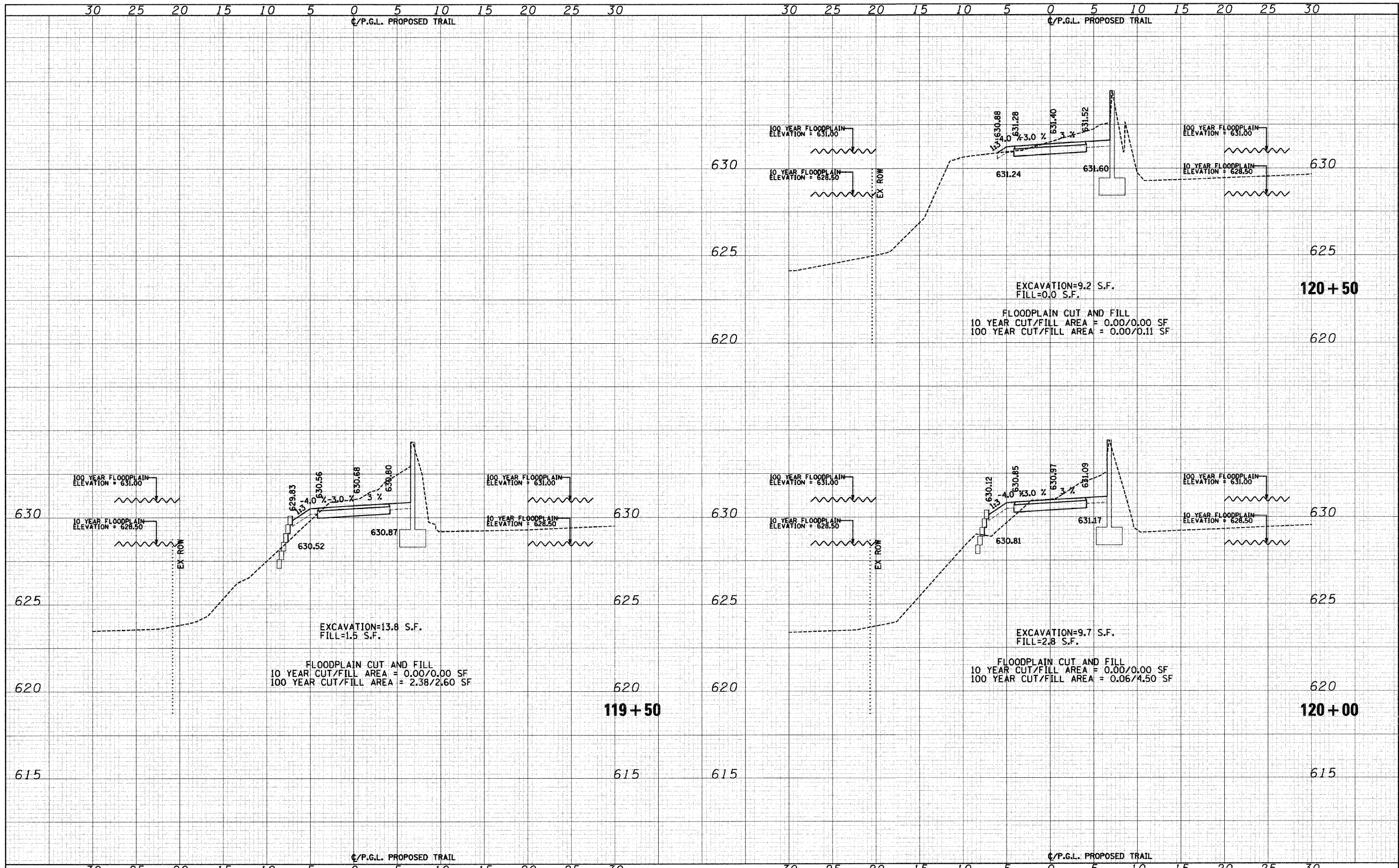
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - SOUTH TRAIL**
 SCALE: 1"=5'H 1"=2.5'V SHEET NO. 8 OF 58 SHEETS STA. 118+00 TO STA. 119+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	68
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT:	
			CONTRACT NO. 63188	

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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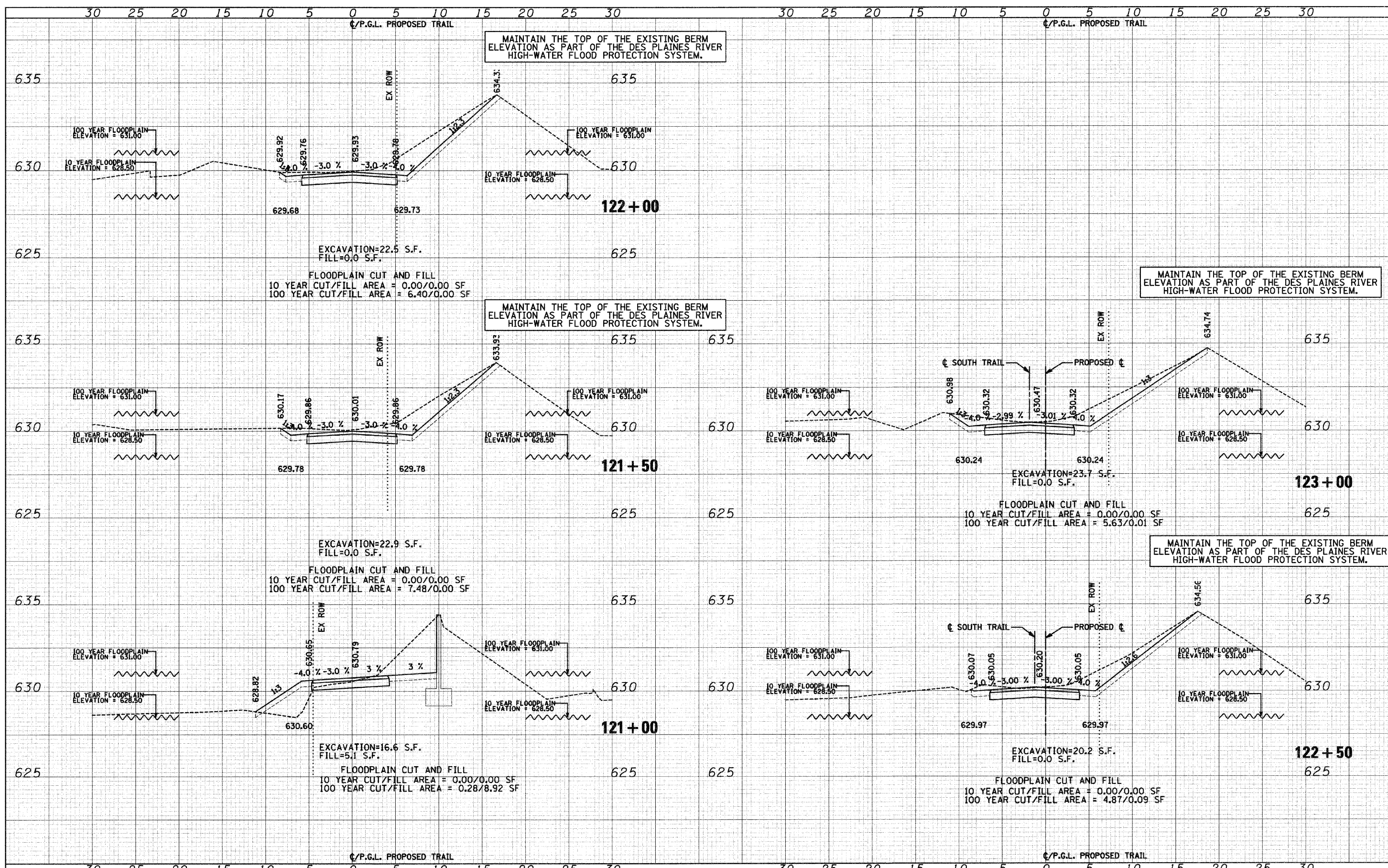
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ORIGINAL SURVEY	
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NOTE BOOK	
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FILE NAME = J:\2173\phase 11\CAD\ssoc\2173-shr-xs south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	69		
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 9 OF 58 SHEETS STA. 119+50 TO STA. 120+50							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				

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

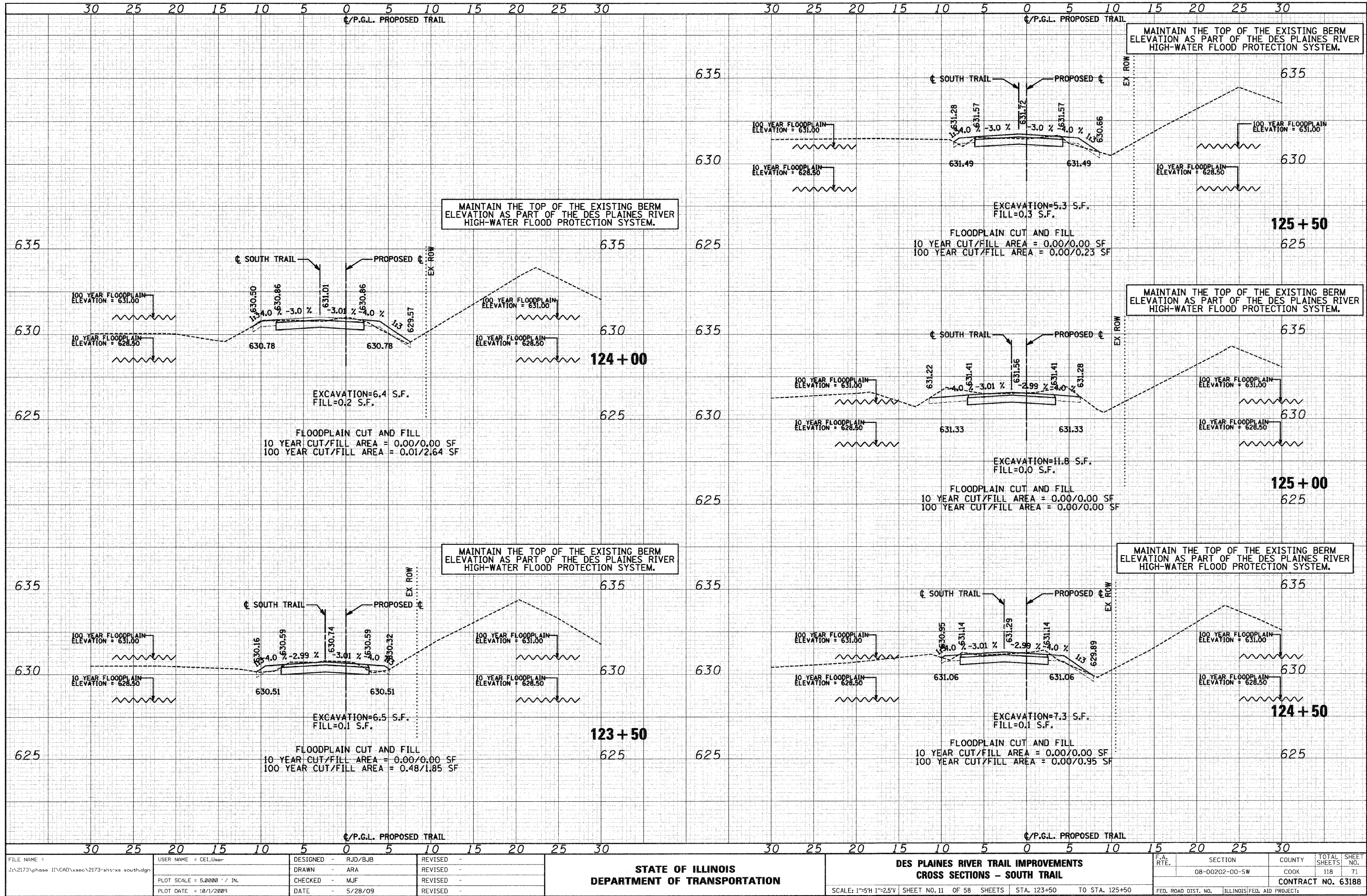
DATE _____ BY _____
 SURVEYED _____ PLOTTED _____
 ORIGINAL SURVEY _____ NOTE BOOK _____
 NO. _____ AREAS CHECKED _____



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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISOR - ARA	REVISOR -			08-00202-00-SW	COOK	118	70	
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISOR - MJF	REVISOR -			CONTRACT NO. 63188				
						SCALE: 1"=5'H 1"=2.5'V SHEET NO. 10 OF 58 SHEETS STA. 121+00 TO STA. 123+00			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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DATE	
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FILE NAME = J:\2173\phase II\CAD\secc\2173-sht-sw south.dgn
 USER NAME = CEI\User
 DESIGNED - RJD/BJB
 DRAWN - ARA
 CHECKED - MJF
 DATE - 5/28/09

DESIGNED - RJD/BJB
 DRAWN - ARA
 CHECKED - MJF
 DATE - 5/28/09

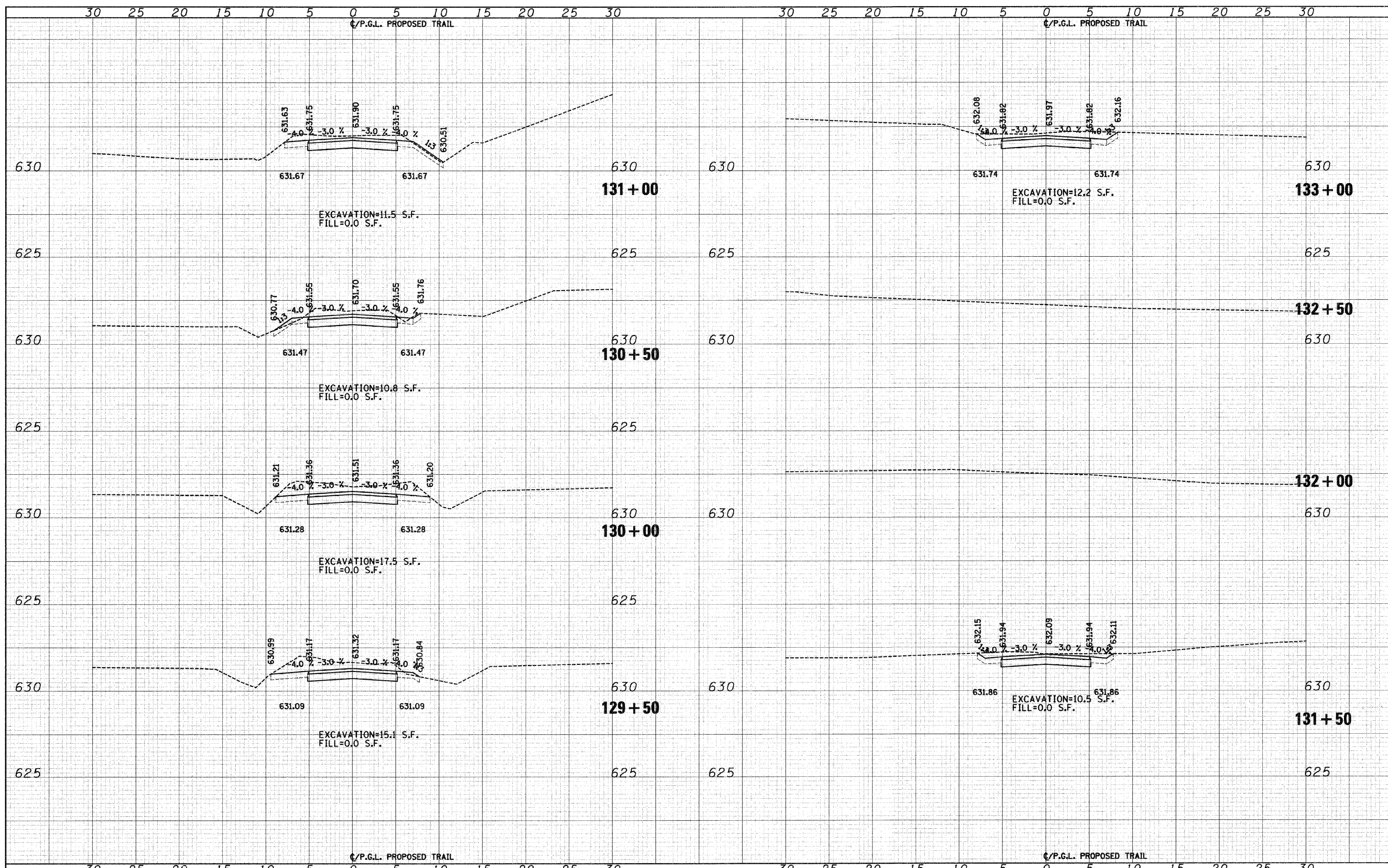
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - SOUTH TRAIL**
 SCALE: 1"=5'H 1"=2.5'V SHEET NO. 11 OF 58 SHEETS STA. 123+50 TO STA. 125+50

F.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	71
CONTRACT NO. 63188				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT:		

DATE _____ BY _____
 SURVEYED _____
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 NOTE BOOK _____
 AREAS CHECKED _____
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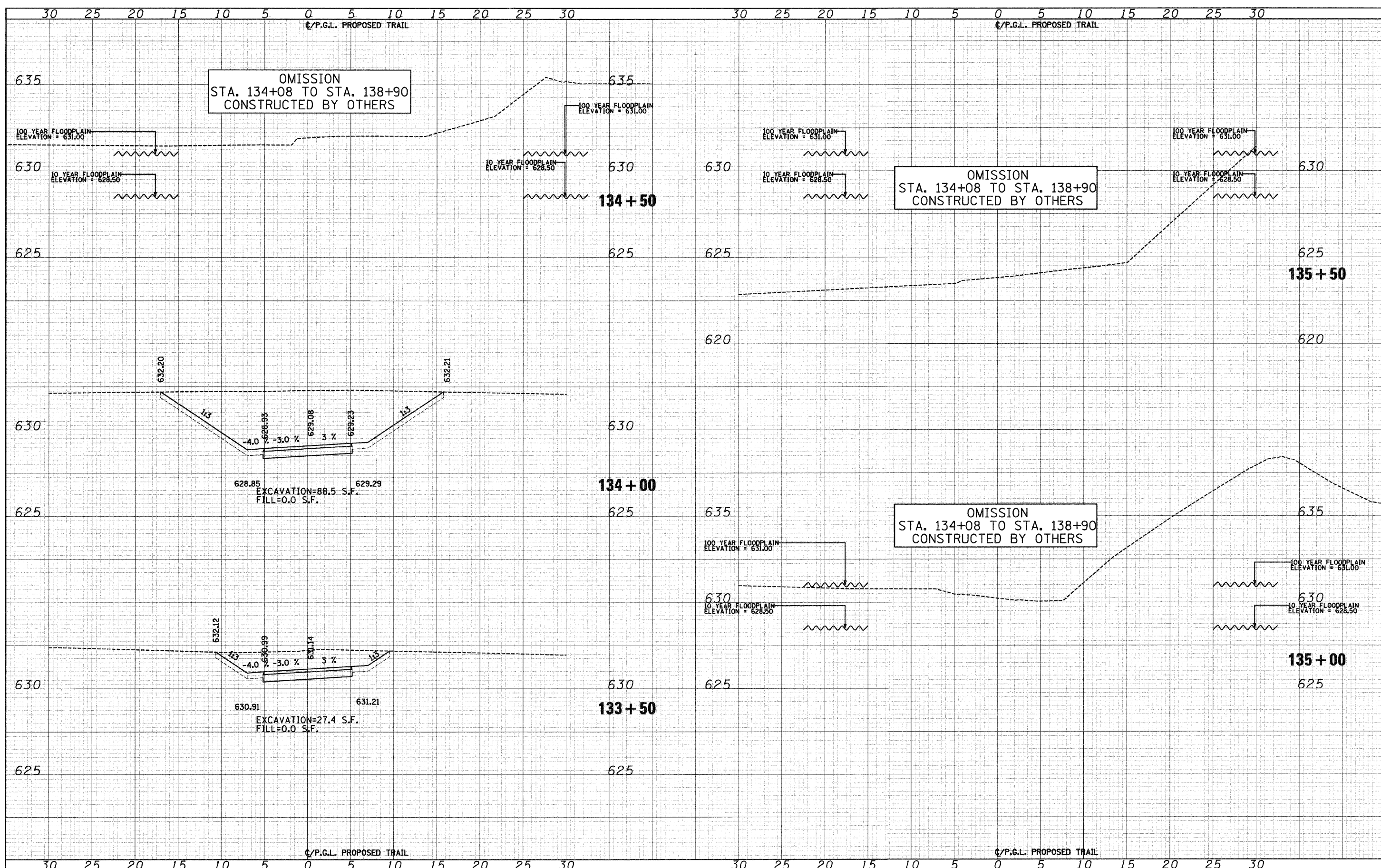
DATE _____ BY _____
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	73		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISIED -	CONTRACT NO. 63188							
SCALE: 1"=5'H 1"=2.5'V		SHEET NO. 13 OF 58 SHEETS				STA. 129+50 TO STA. 133+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:		

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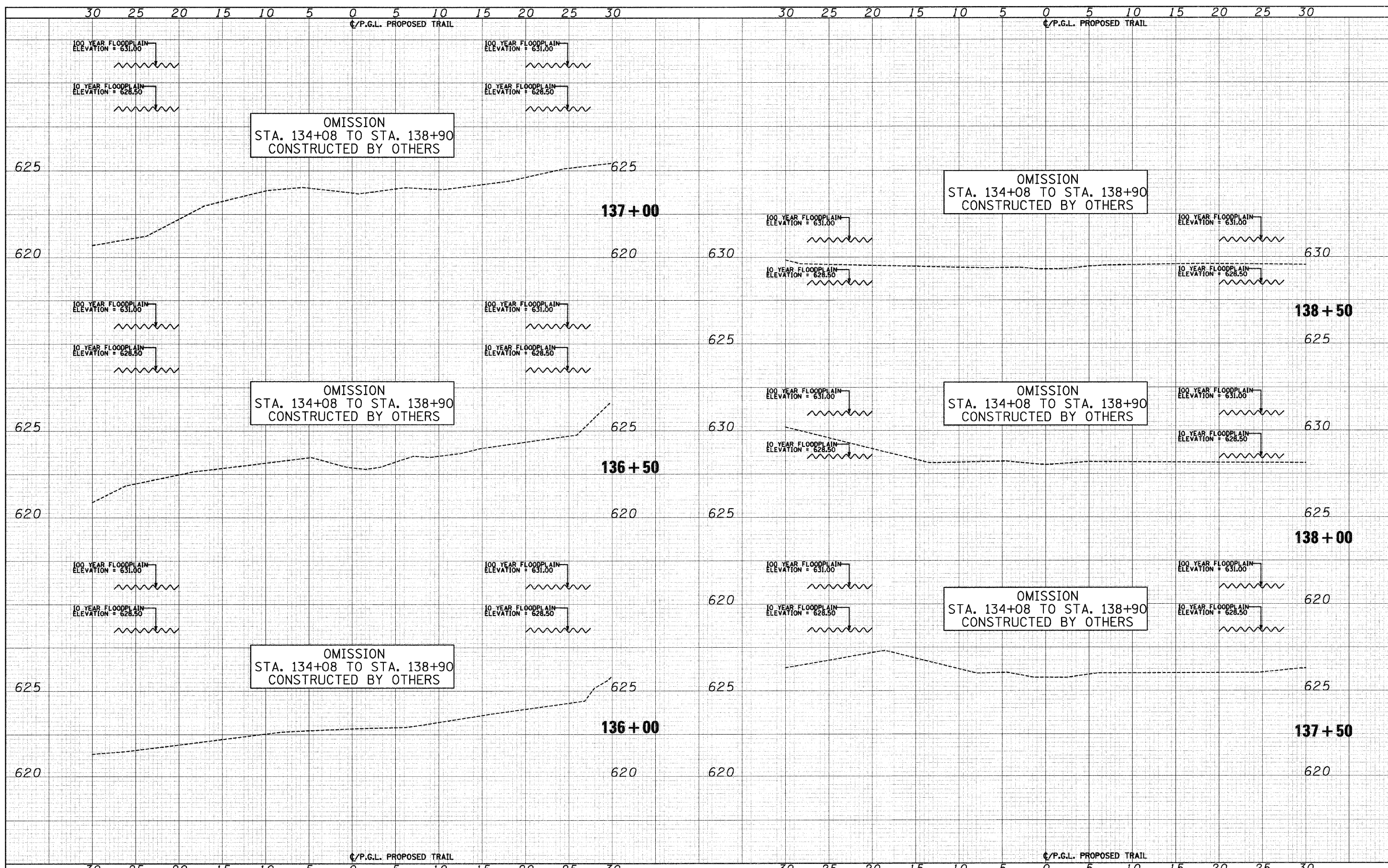
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	74		
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 14 OF 58 SHEETS STA. 133+50 TO STA. 135+50			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:			

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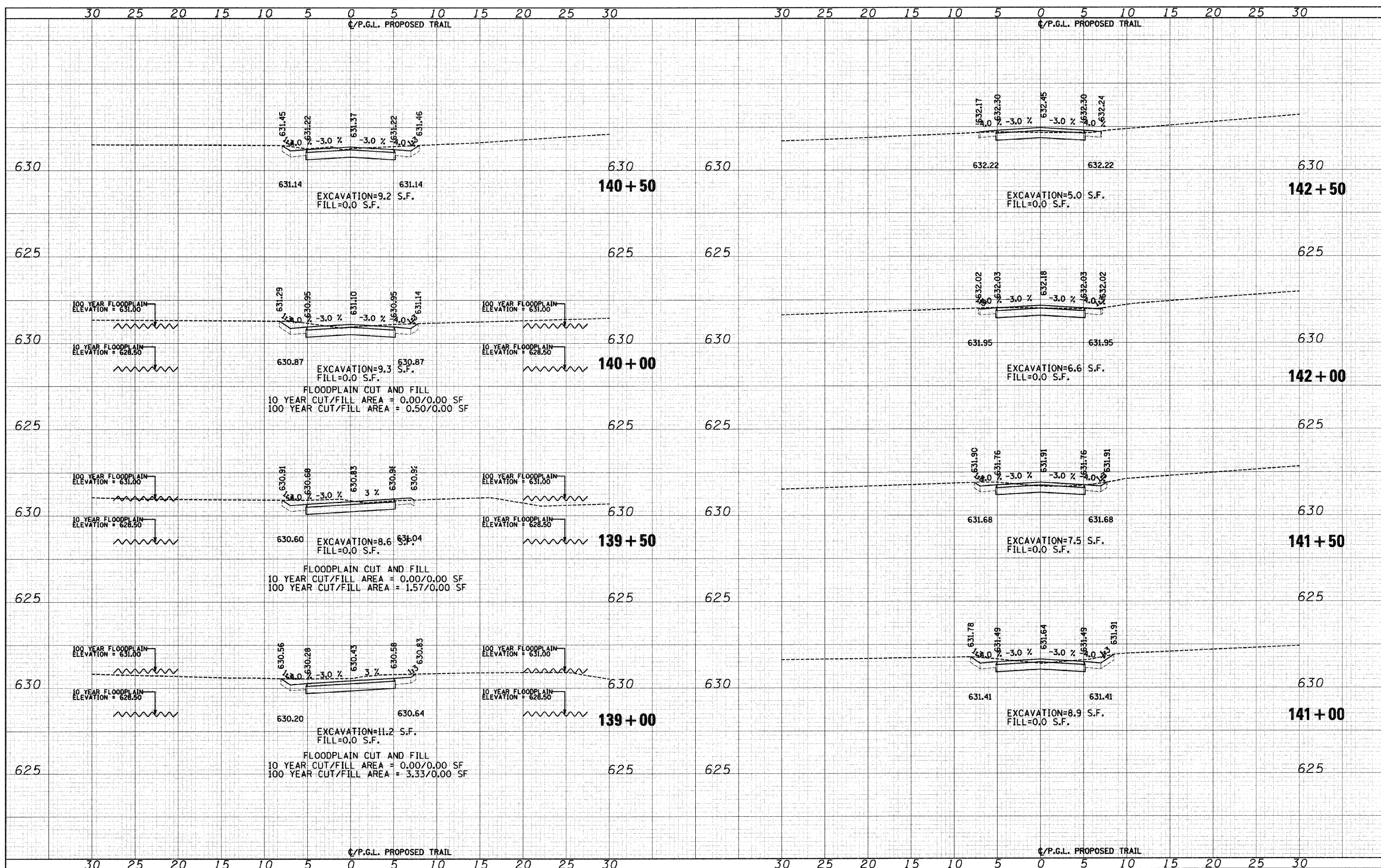
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	75		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISIED -	CONTRACT NO. 63188							
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:			

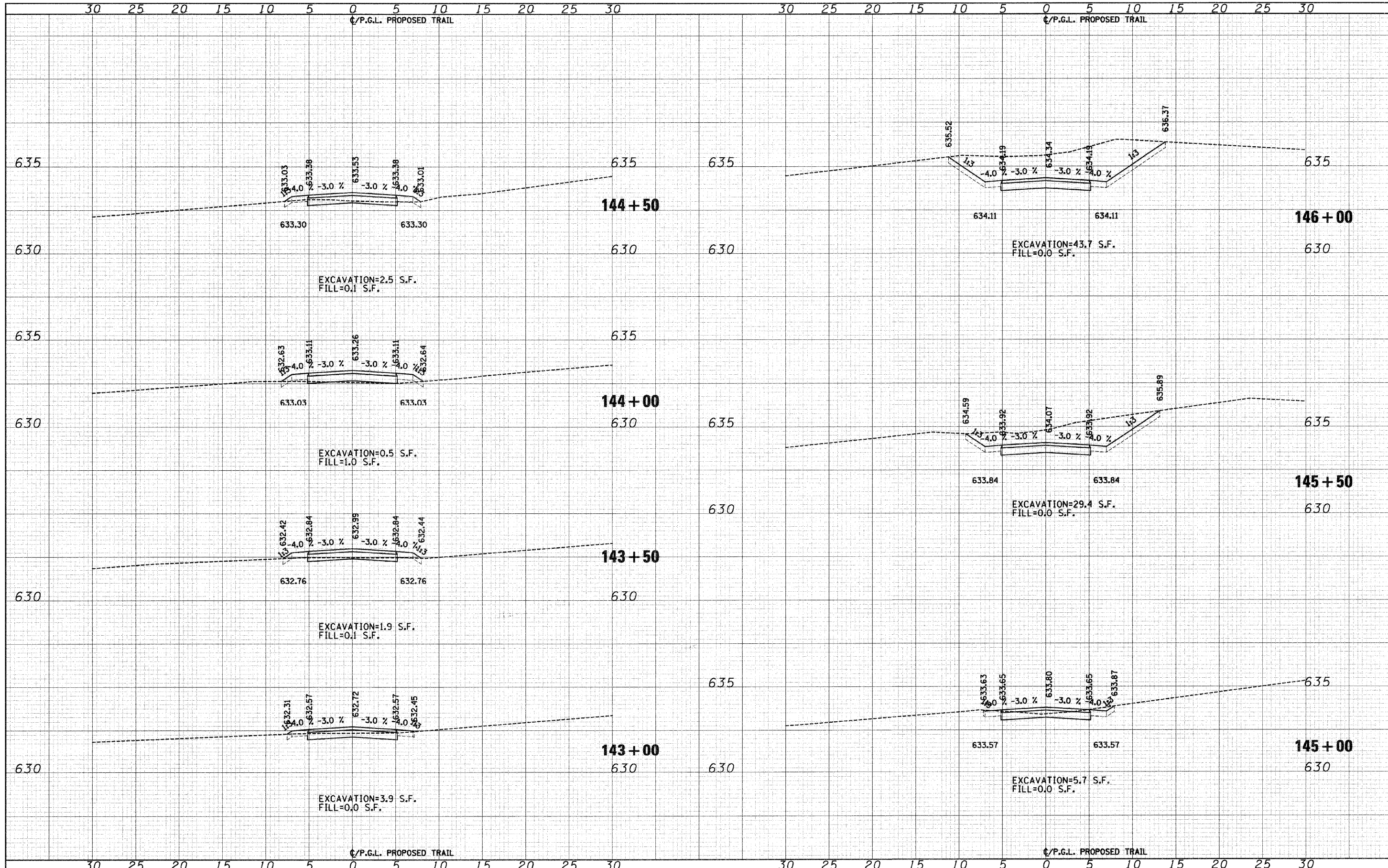
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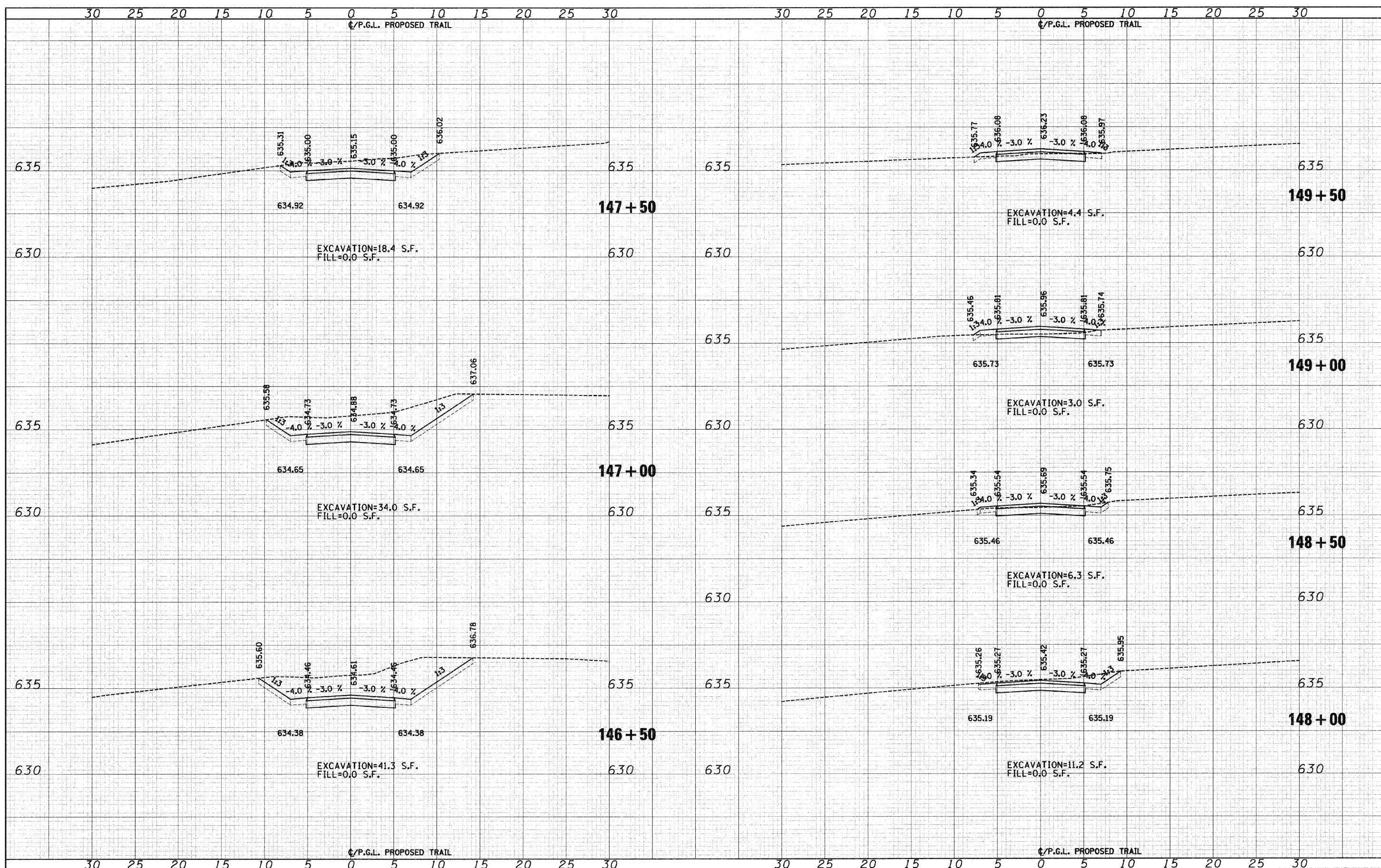
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW				COOK	118	77		
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188								
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:			

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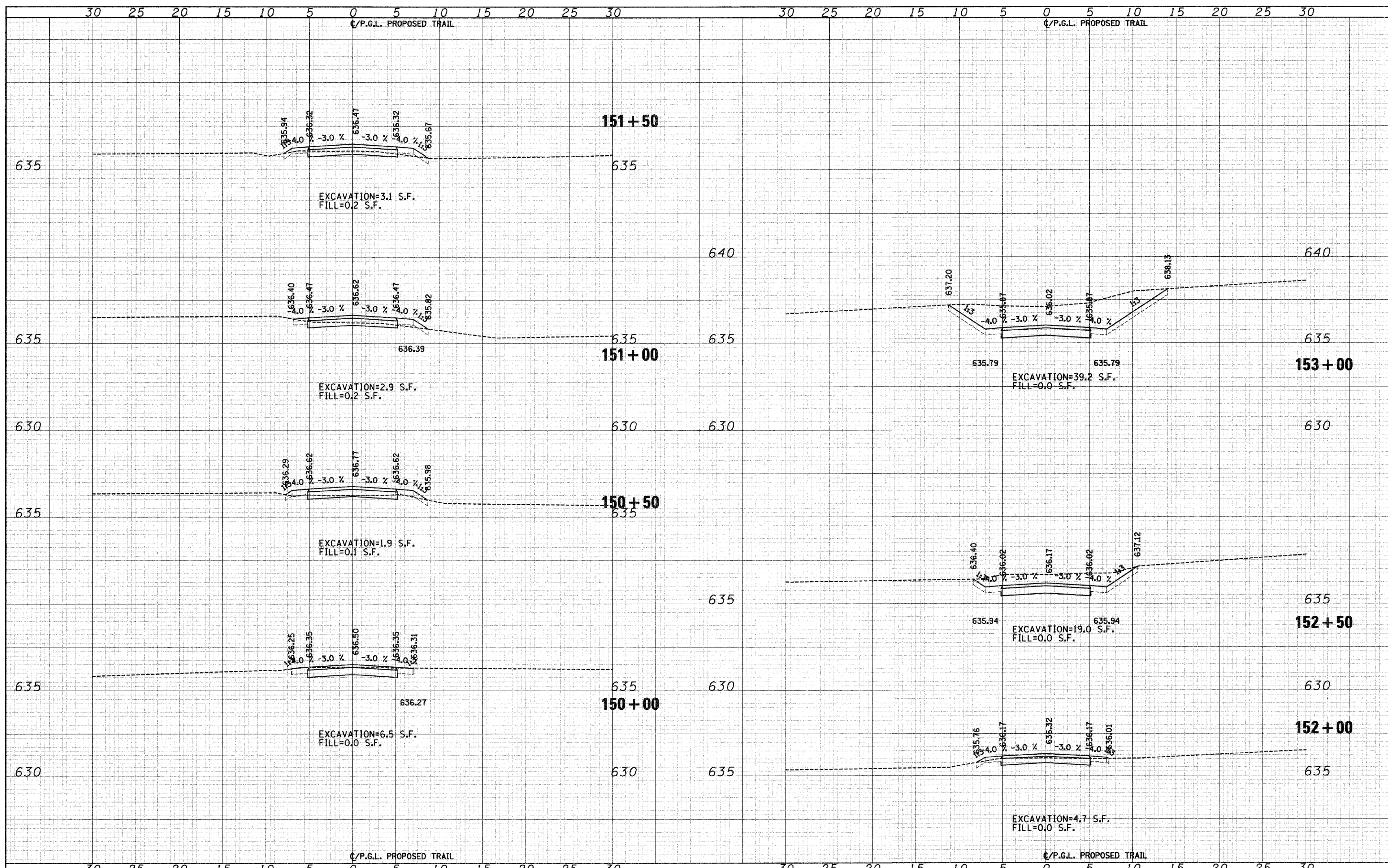
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	78		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISIED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 18 OF 58 SHEETS STA. 146+50 TO STA. 149+50							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECTS				

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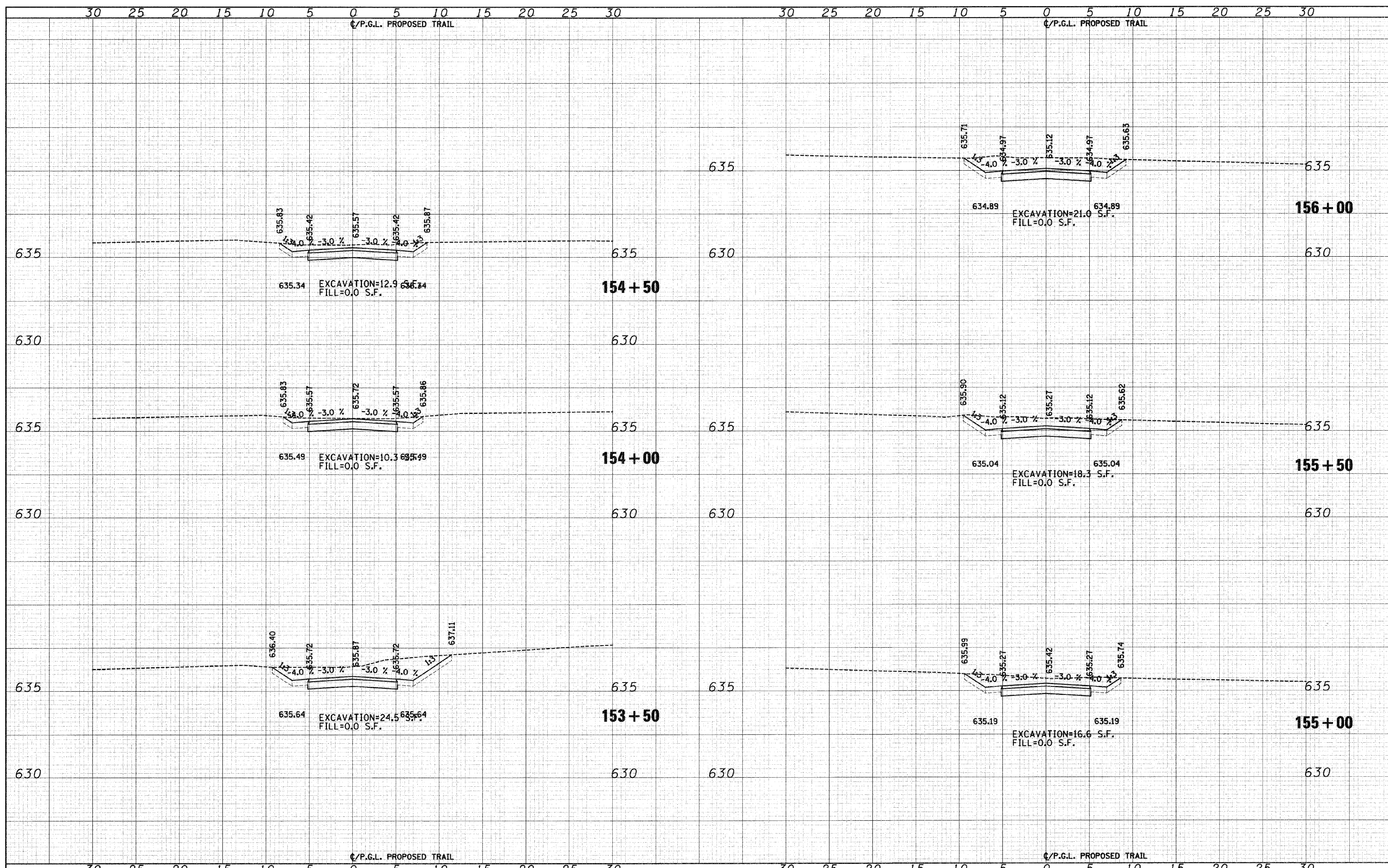
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	79		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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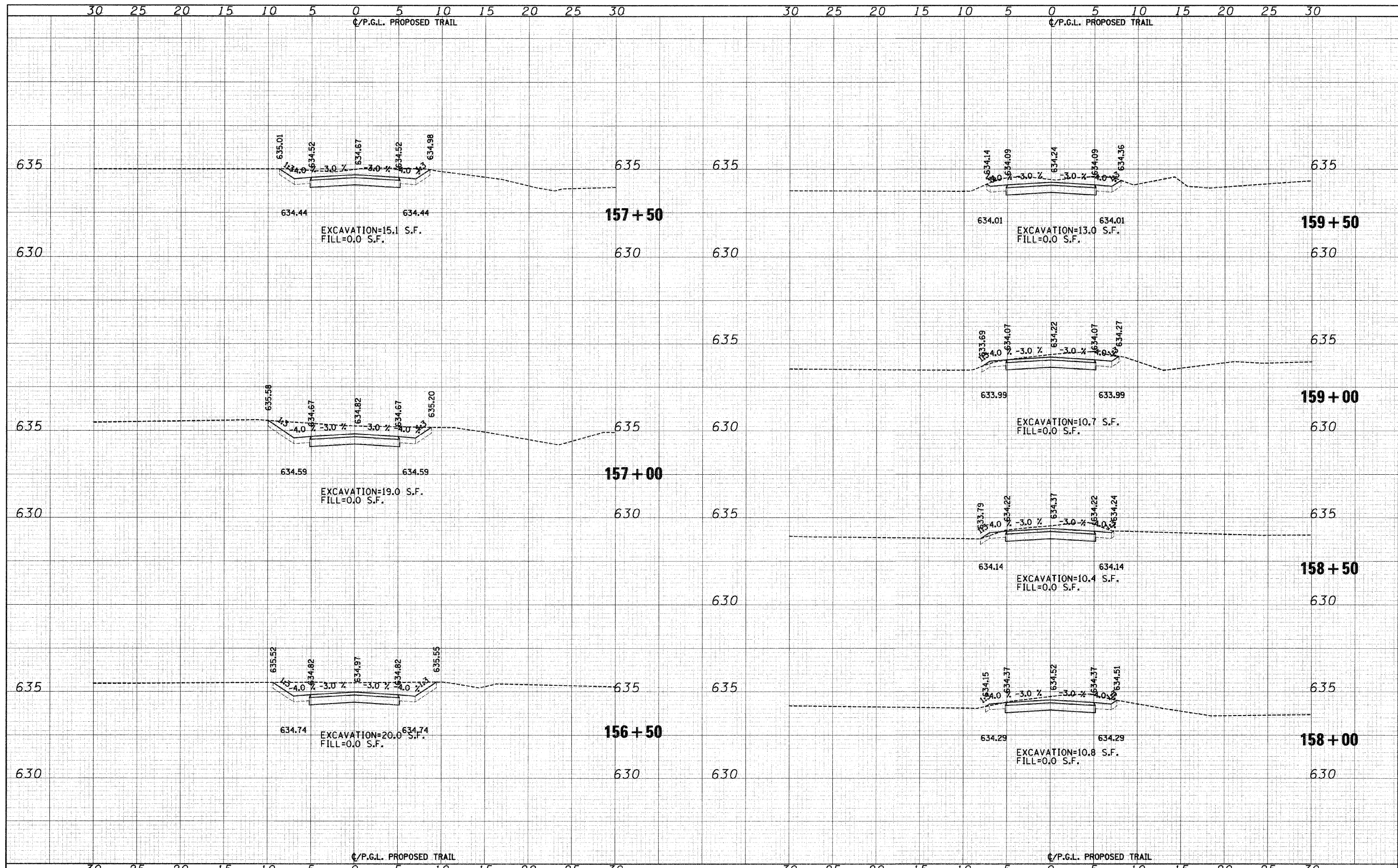
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	80		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
SCALE: 1"=5'H 1"=2.5'V		SHEET NO. 20 OF 58 SHEETS				STA. 153+50 TO STA. 156+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:		

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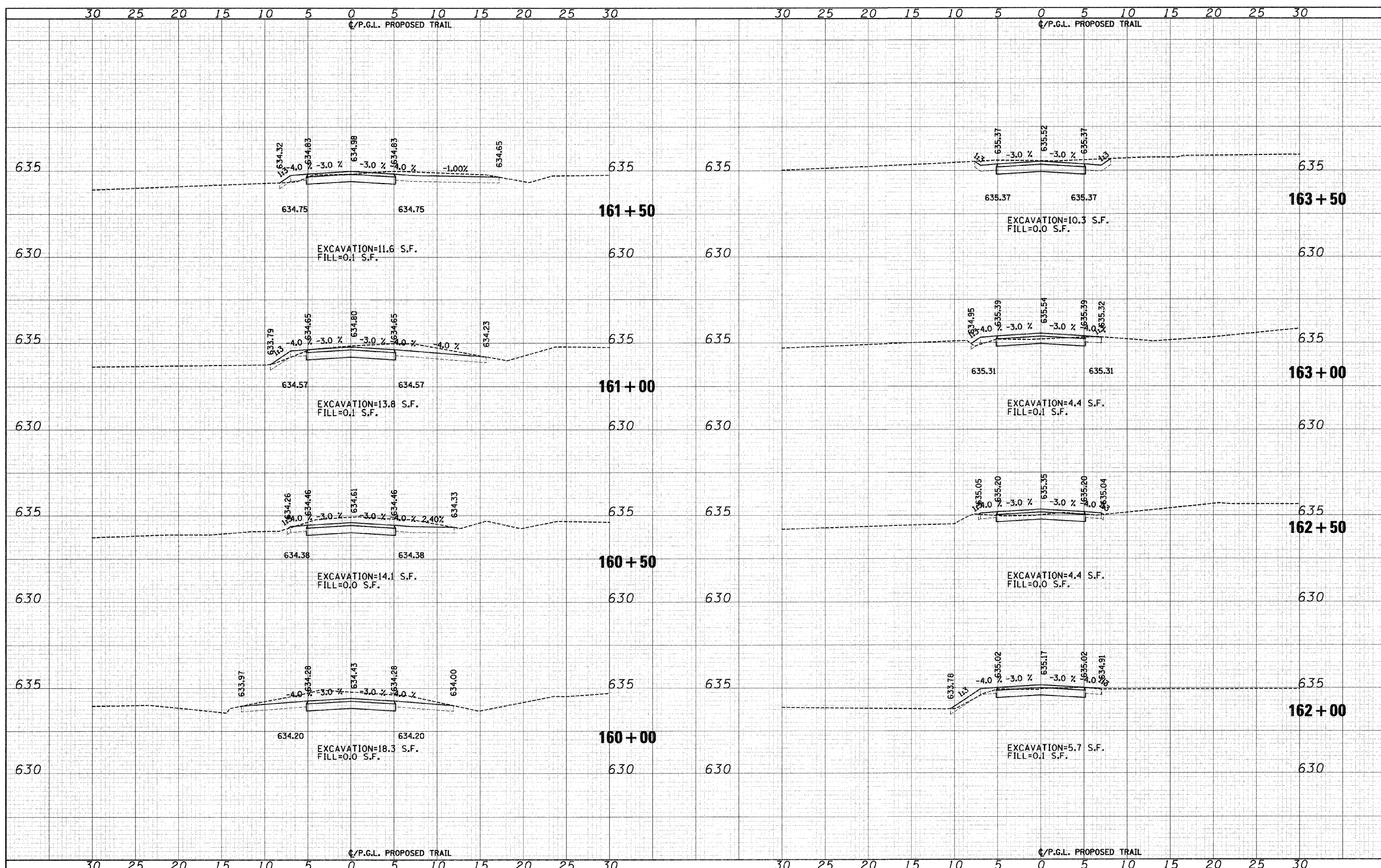
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PLOT SCALE = 5,0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW						COOK	118	81		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188										
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				

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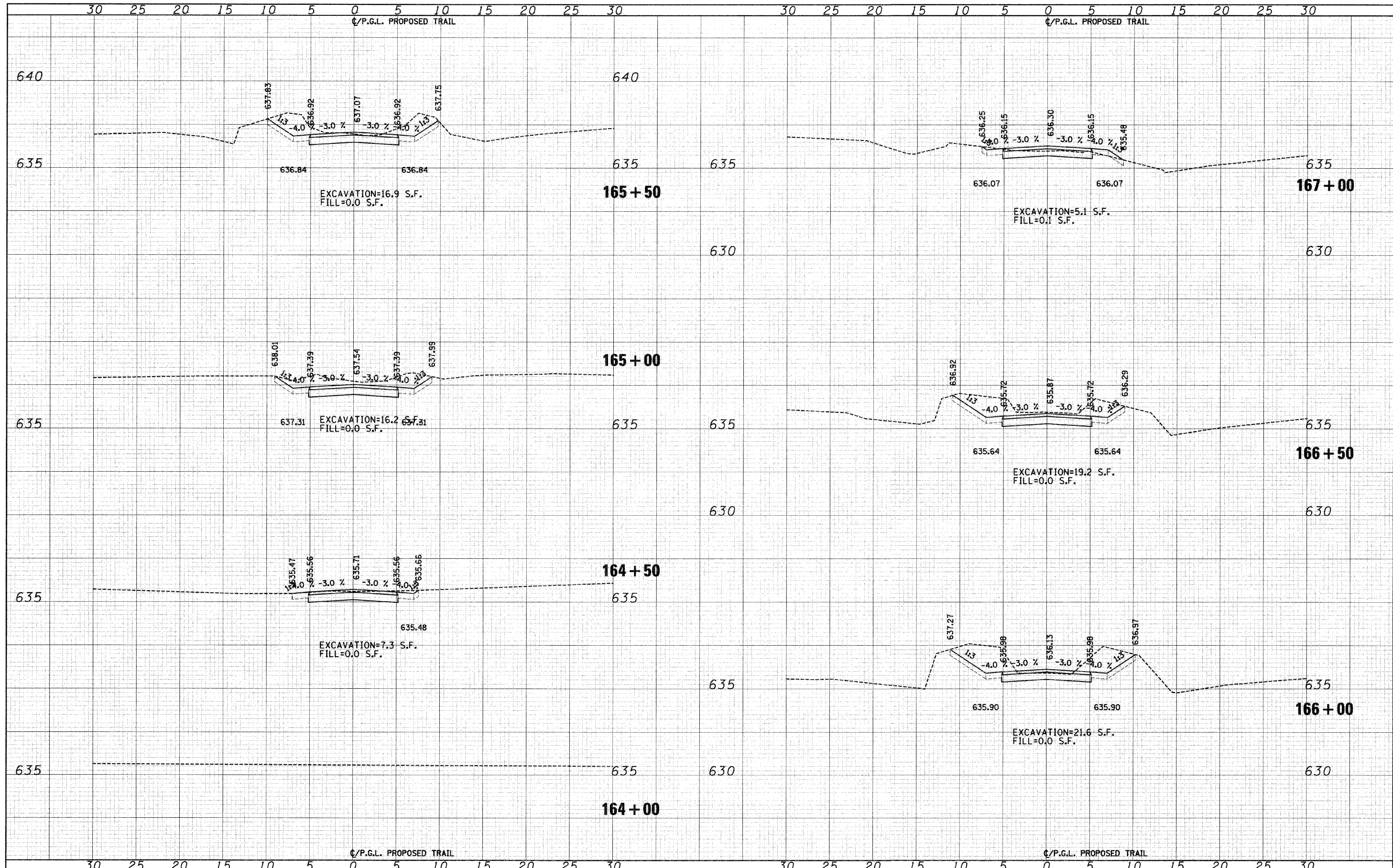
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FILE NAME = J:\2173\phase II\CAO\secc\2173-shr-ss south.dgn	USER NAME = CEL>User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	82		
PLOT DATE = 10/11/2009	DATE - 5/28/09	REVISED -	SCALE: 1"=5'H 1"=25'V			SHEET NO.22 OF 58 SHEETS	STA. 160+00 TO STA. 163+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT#	
						CONTRACT NO. 63188				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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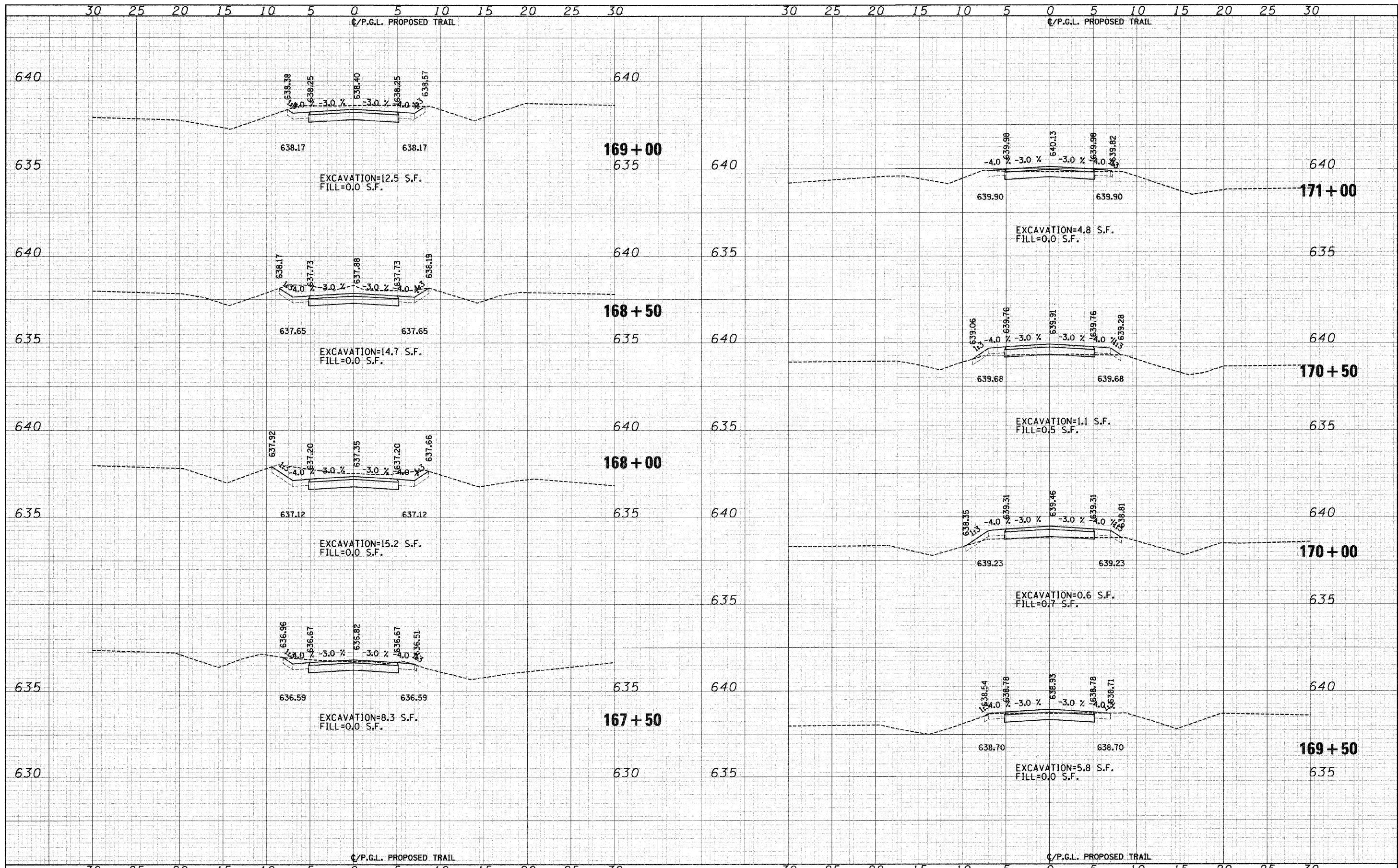
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FILE NAME = J:\2173\phase II\CAD\ssac\2173-sht-south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	83		
PLOT DATE = 10/1/2009	DATE = 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=25'V			SHEET NO. 23 OF 58 SHEETS	STA. 164+00 TO STA. 167+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:	

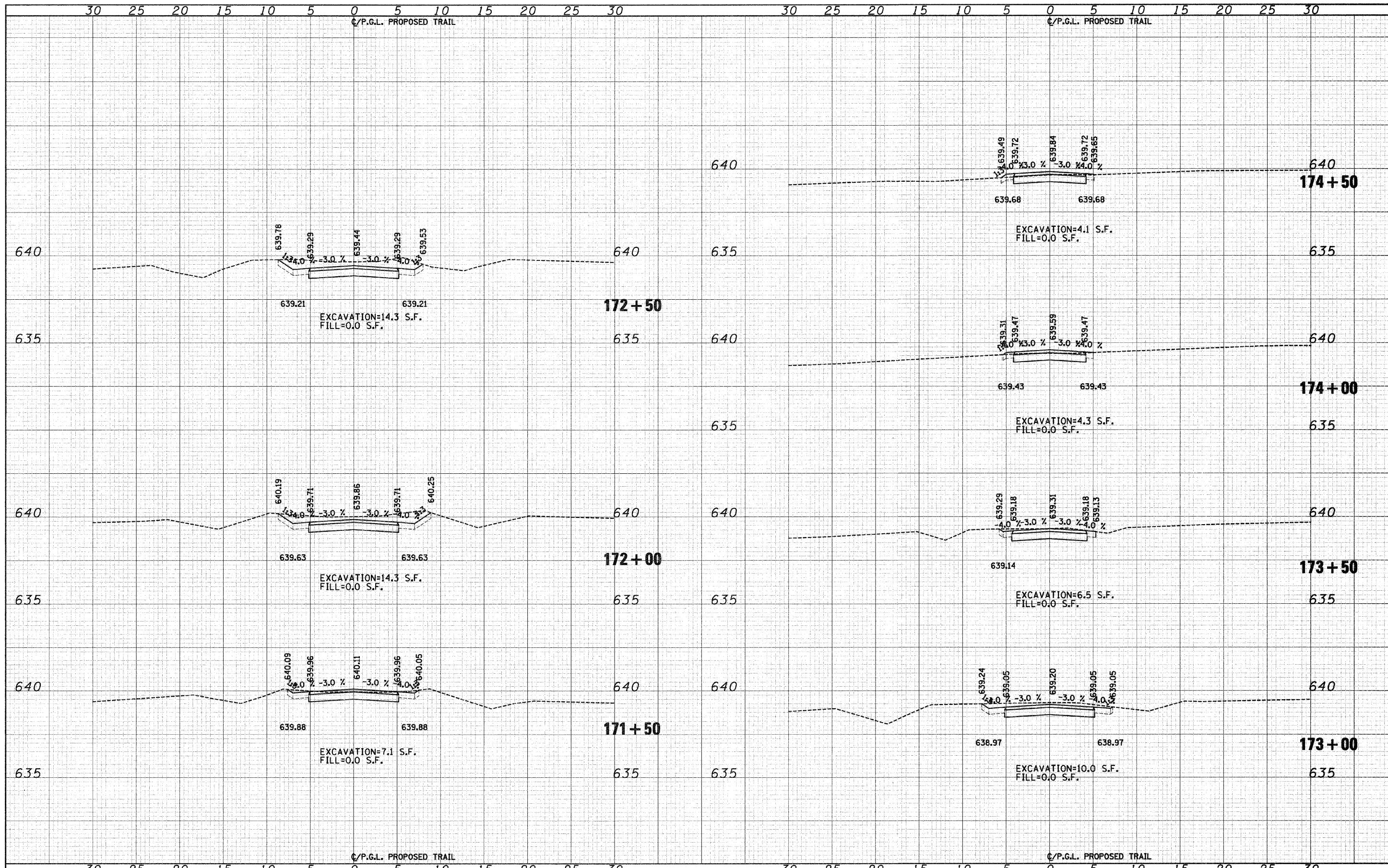
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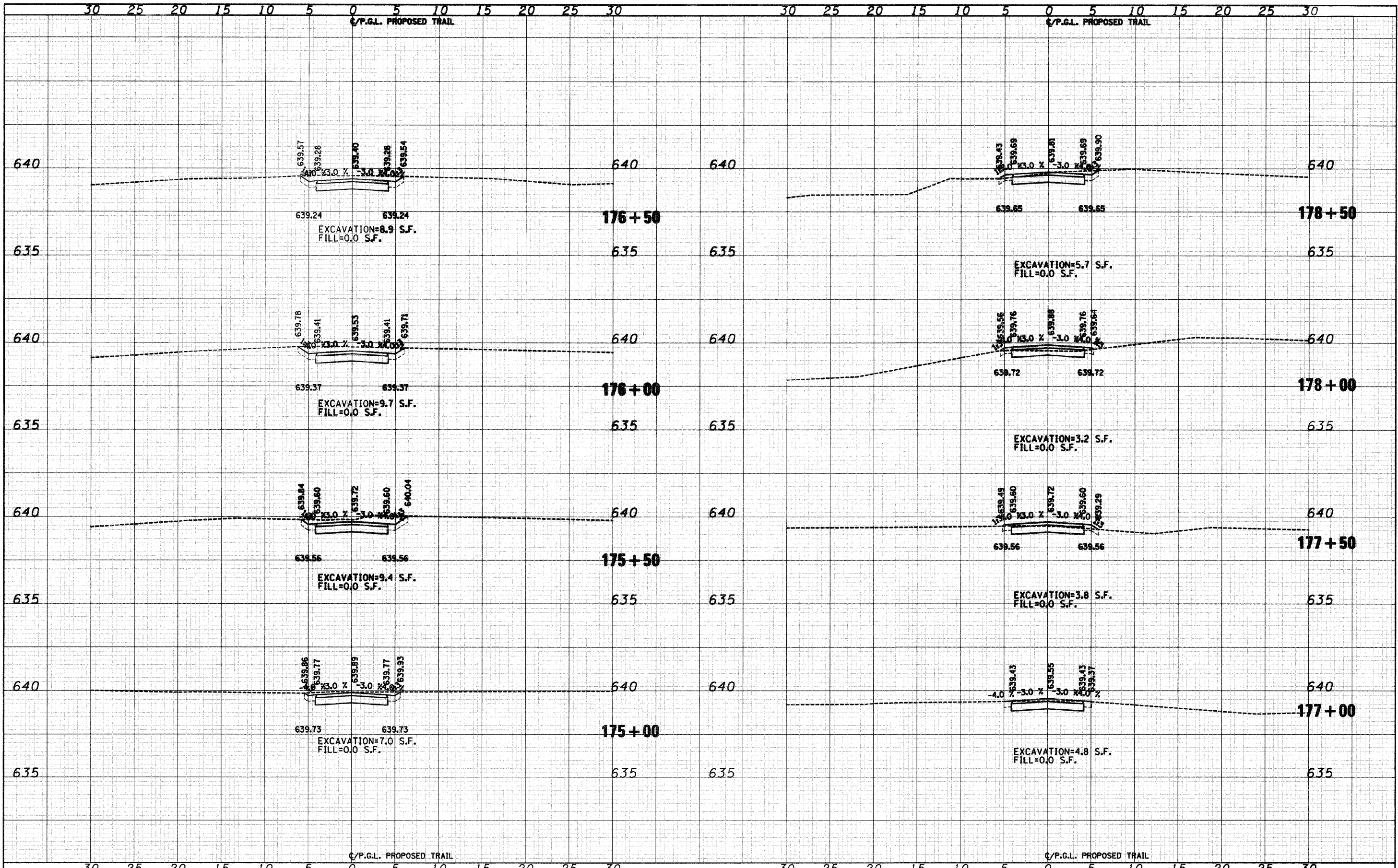
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -					
PLOT DATE = 10/1/2009	DATE = 5/28/09	REVISED -					

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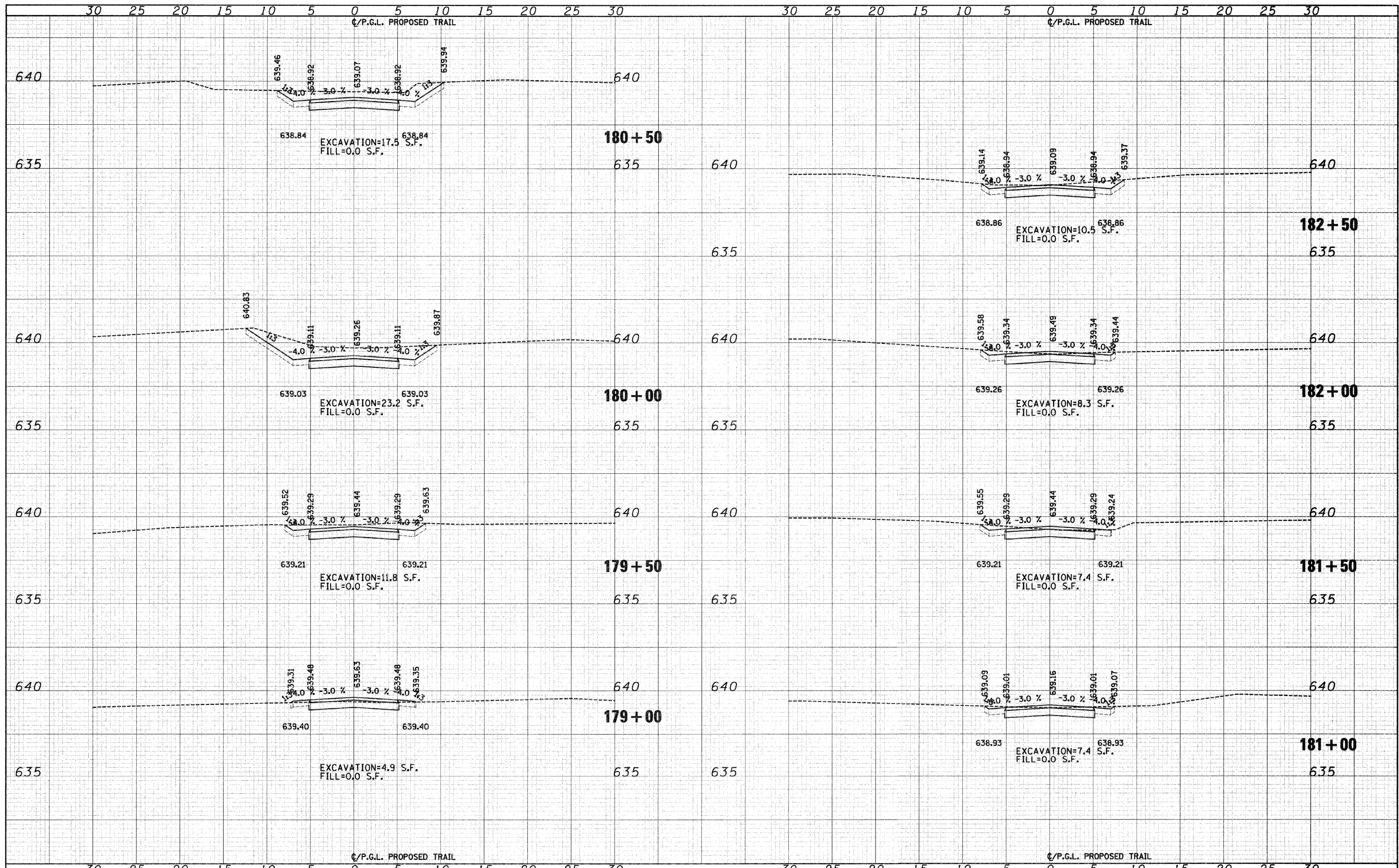
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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-xa south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	SCALE: 1"=5'H 1"=25'V SHEET NO.26 OF 58 SHEETS STA. 175+00 TO STA. 178+50	F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5,0000 ' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW				COOK	118	86		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188								
			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT:								

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NO. E. CHECKED	

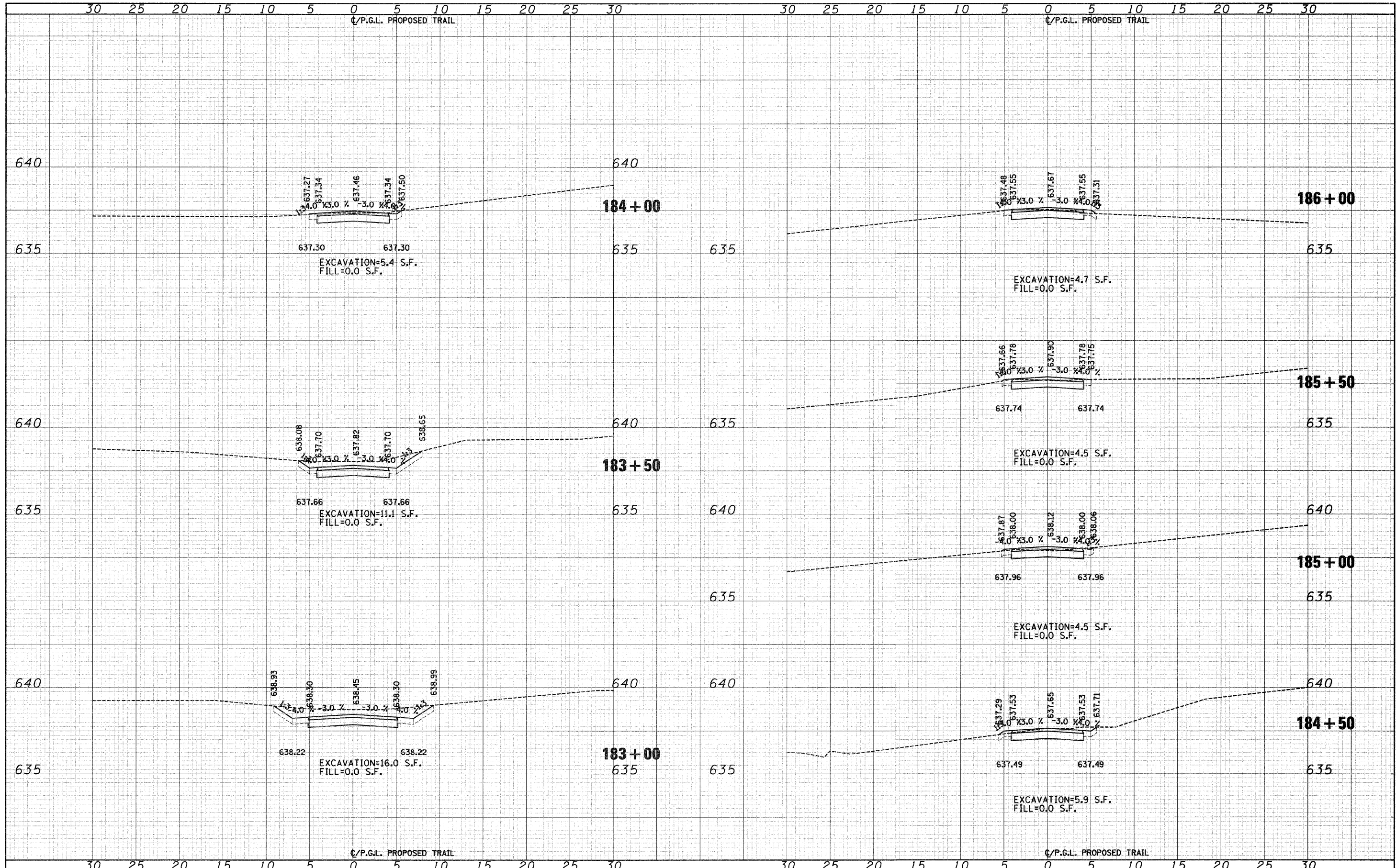
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NO. E. CHECKED	



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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW					COOK	118	87	
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188								
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT:											

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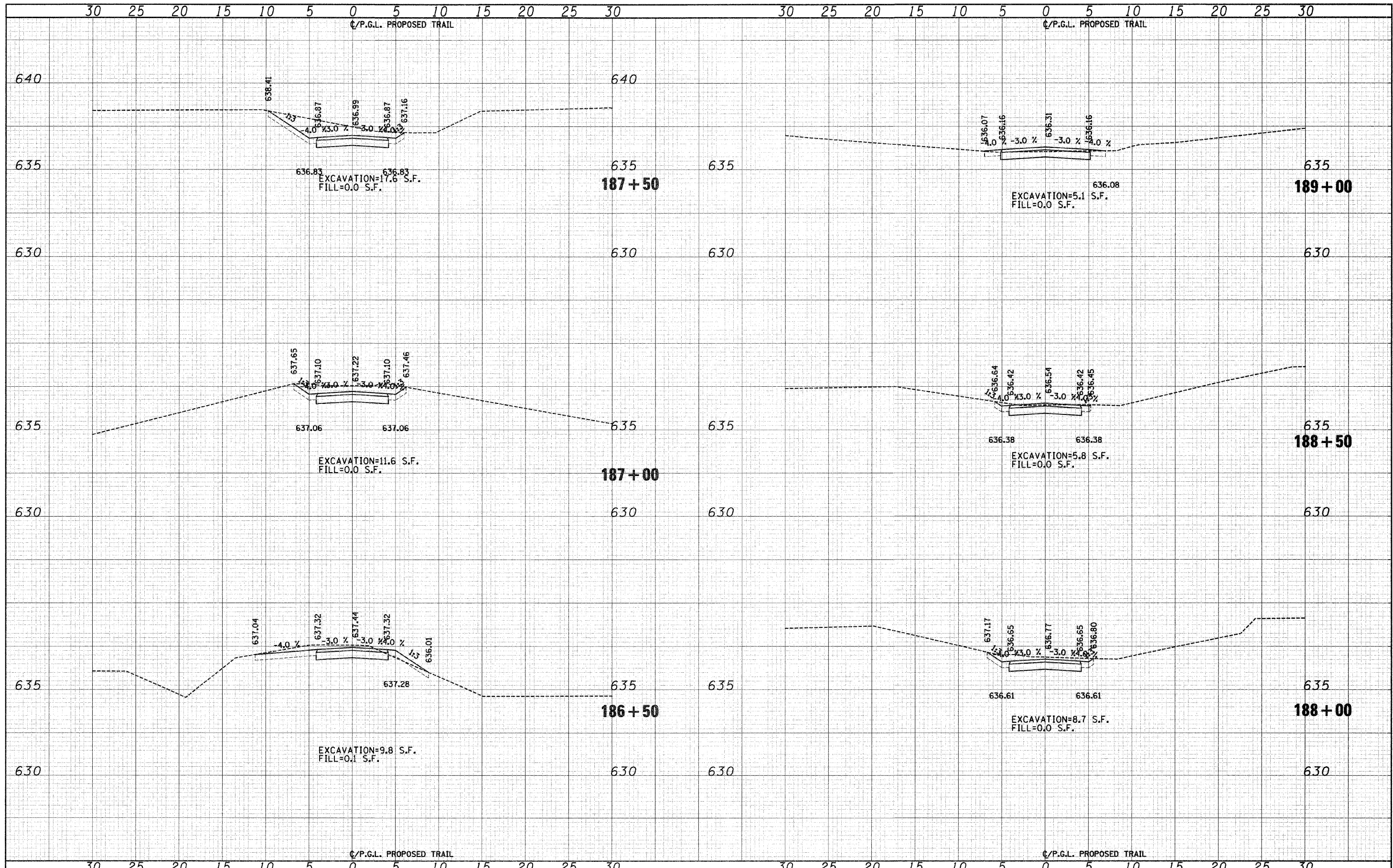
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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	88		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 28 OF 58 SHEETS STA. 183+00 TO STA. 186+00							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				

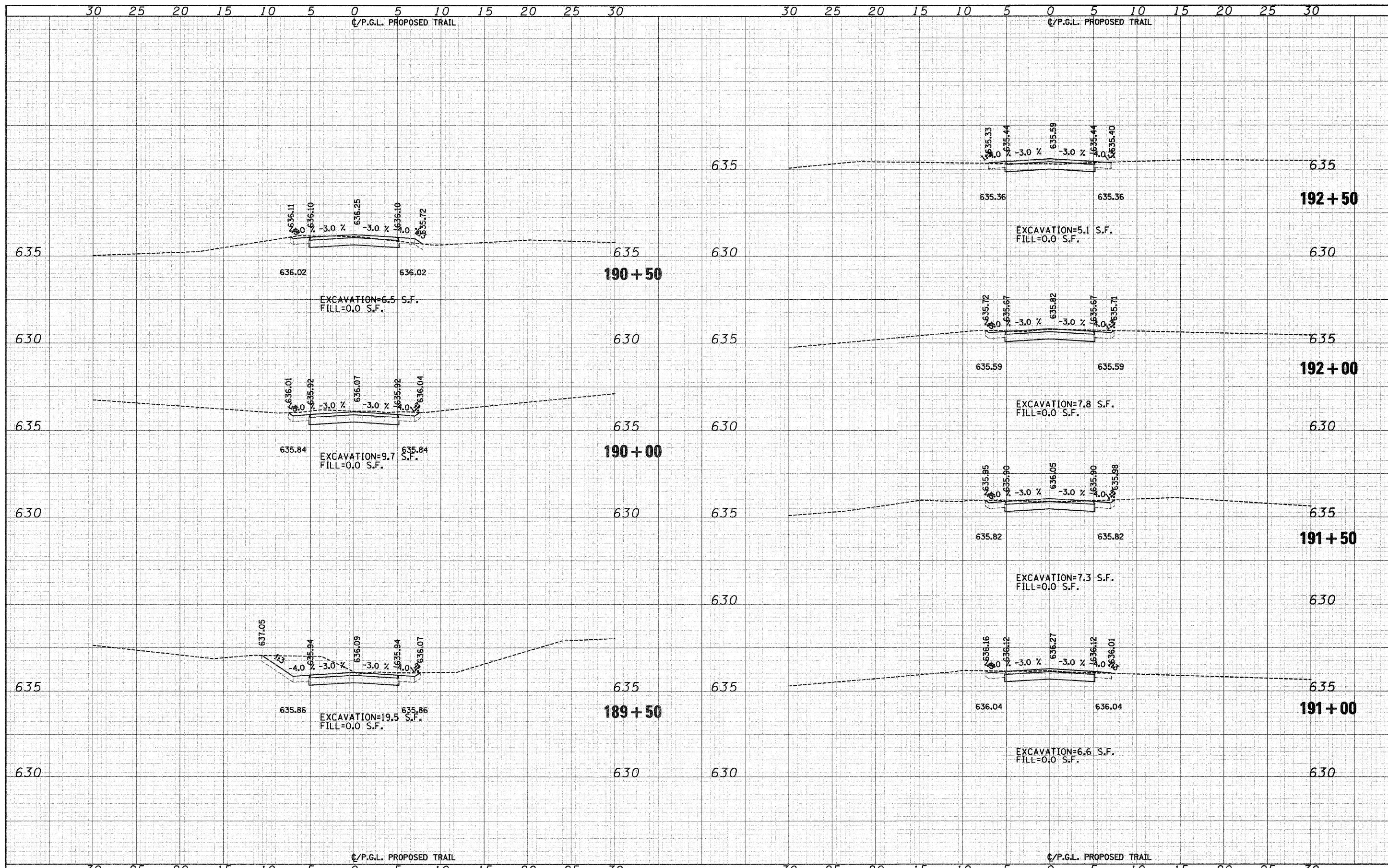
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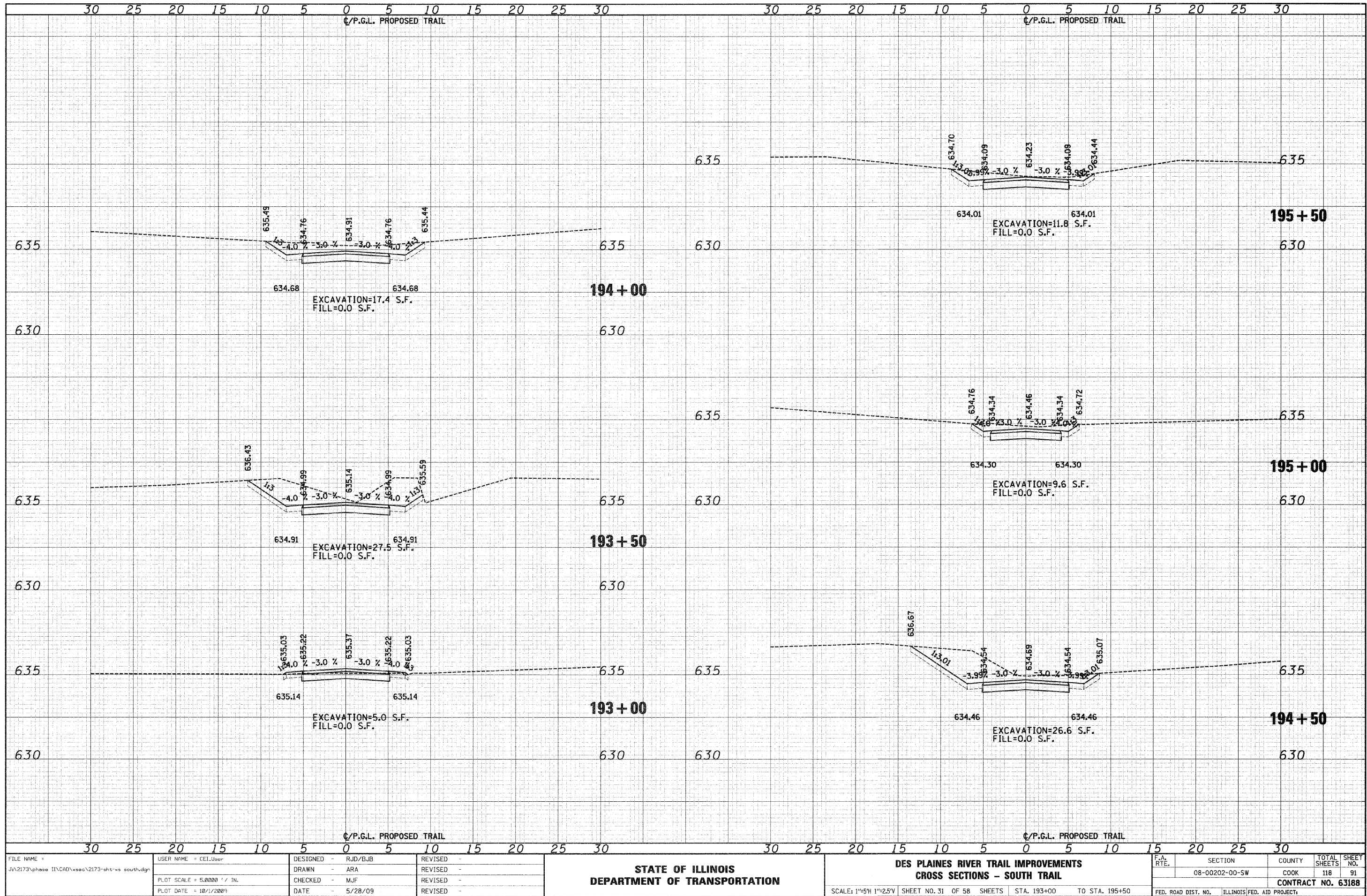


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PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISOR -	08-00202-00-SW				COOK	118	90		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISOR -	CONTRACT NO. 63188								
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 30 OF 58 SHEETS STA. 189+50 TO STA. 192+50

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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw south.dgn

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 PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 10/1/2009

DESIGNED -	RJD/BJB	REVISED -	
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DATE -	5/28/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

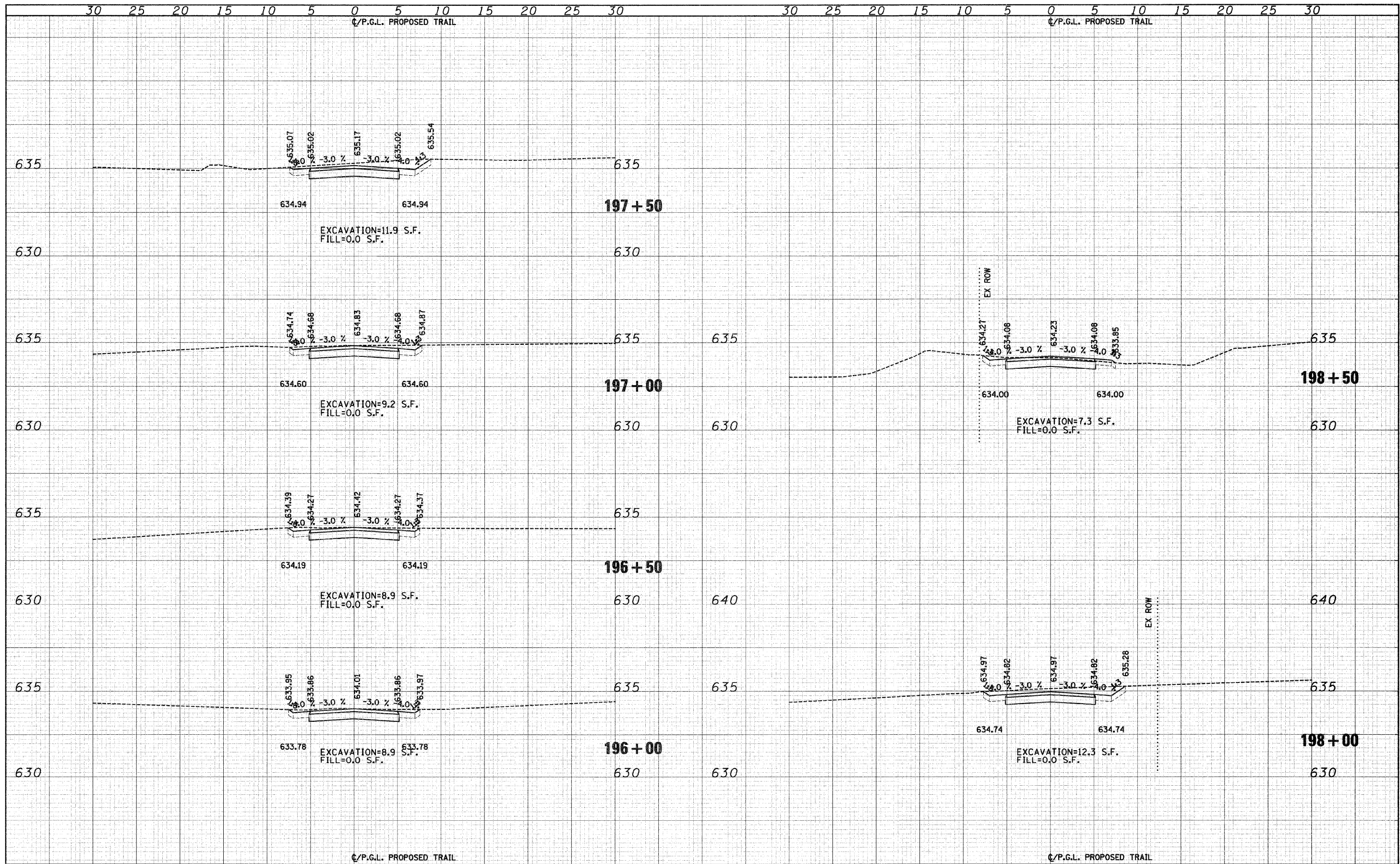
**DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - SOUTH TRAIL**

SCALE: 1"=5'H 1"=25'V SHEET NO. 31 OF 58 SHEETS STA. 193+00 TO STA. 195+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	91
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63188	

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FINAL SURVEY	
NOTE BOOK	
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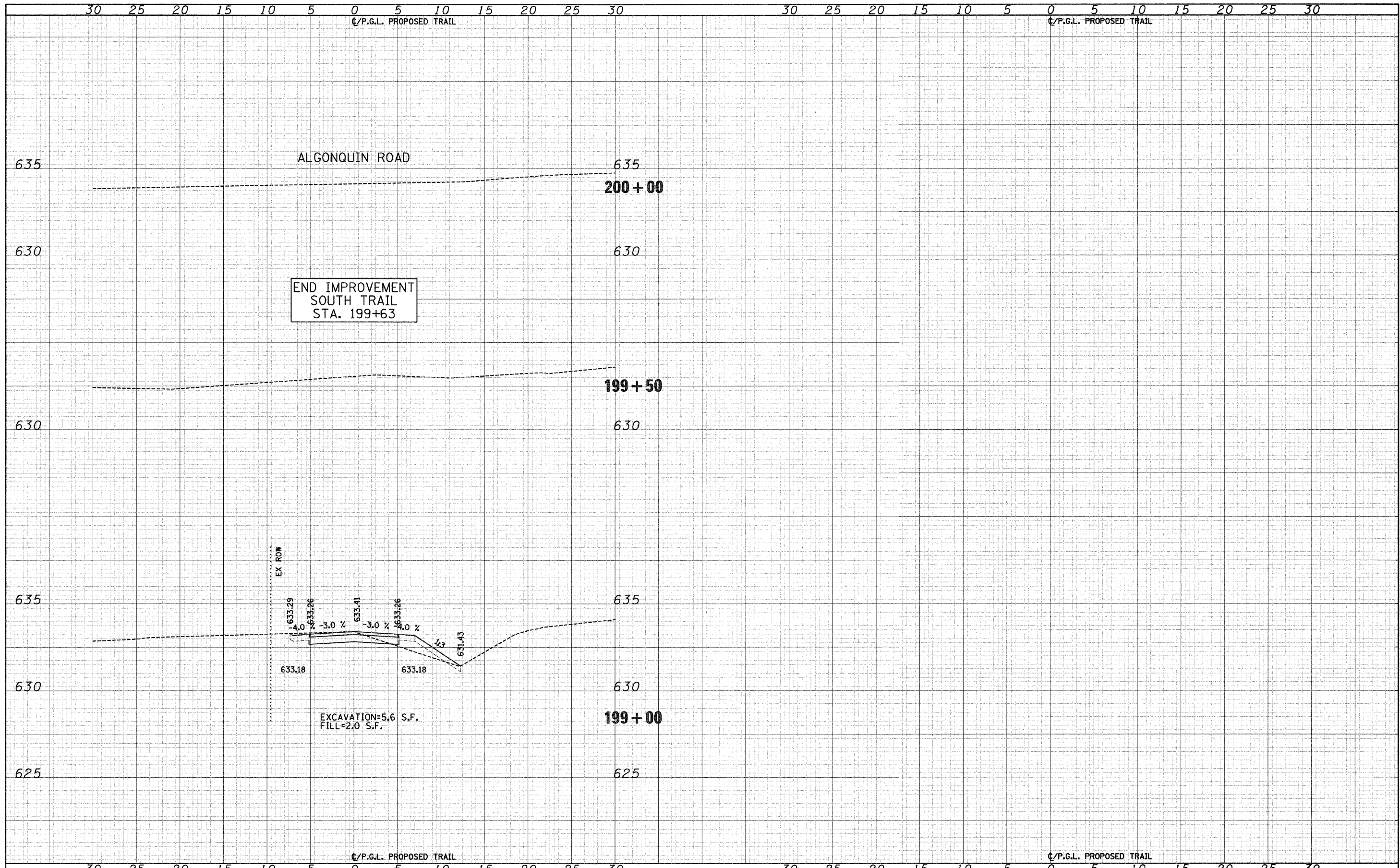
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FILE NAME = J:\2173\phase II\CA0\smc\2173-sht-xa south.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - SOUTH TRAIL	SECTION 08-00202-00-SW	COUNTY COOK	TOTAL SHEETS 118	SHEET NO. 92	
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	SCALE: 1"=5'H 1"=2.5'V			SHEET NO. 32 OF 58 SHEETS	STA. 196+00 TO STA. 198+50	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT:	CONTRACT NO. 63188	
PLOT DATE = 10/1/2009	DATE = 5/28/09	REVISED -								

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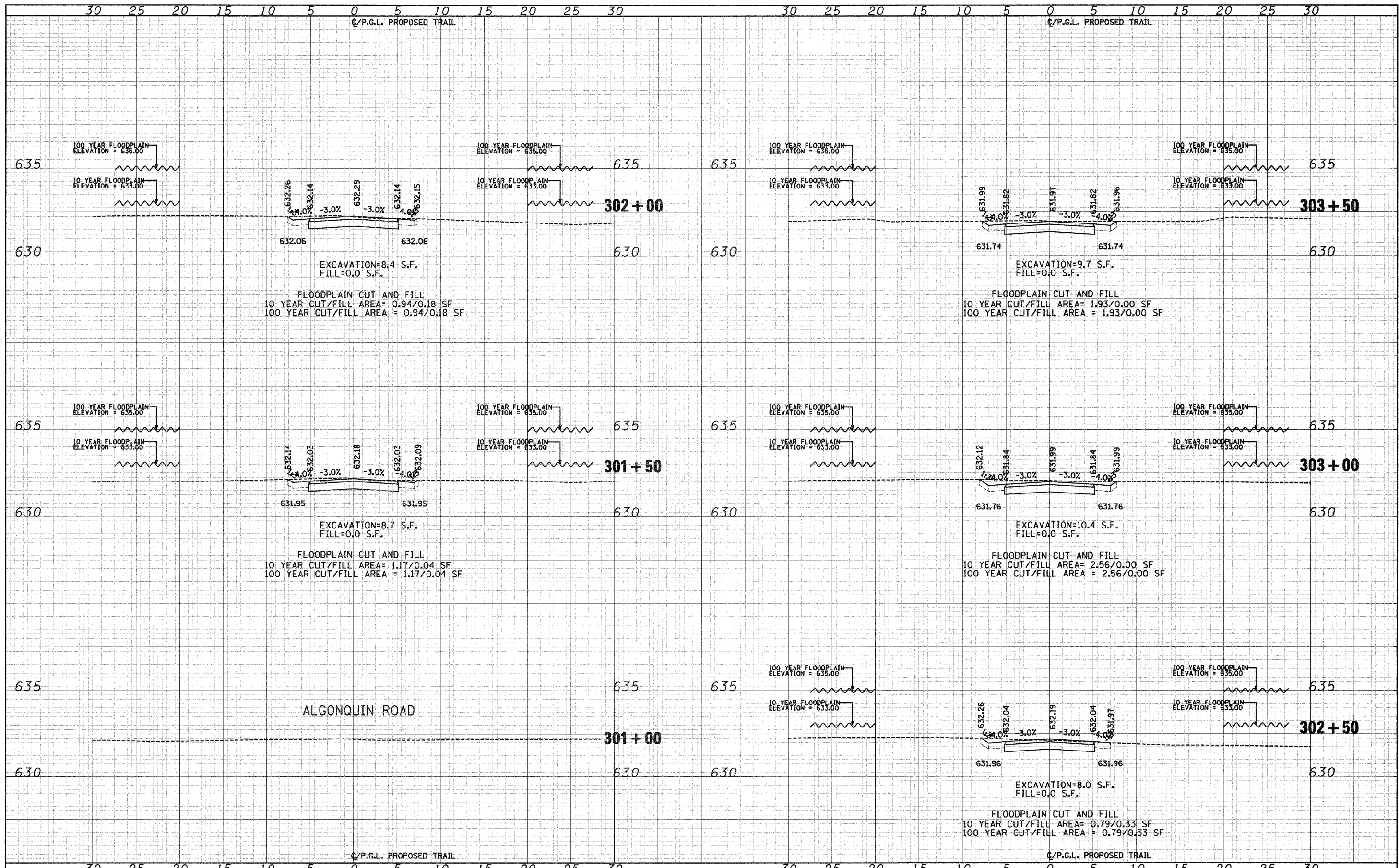
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PLOT SCALE = 5.80000' / IN.	CHECKED - M.J.F.	REVISED -						
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -						

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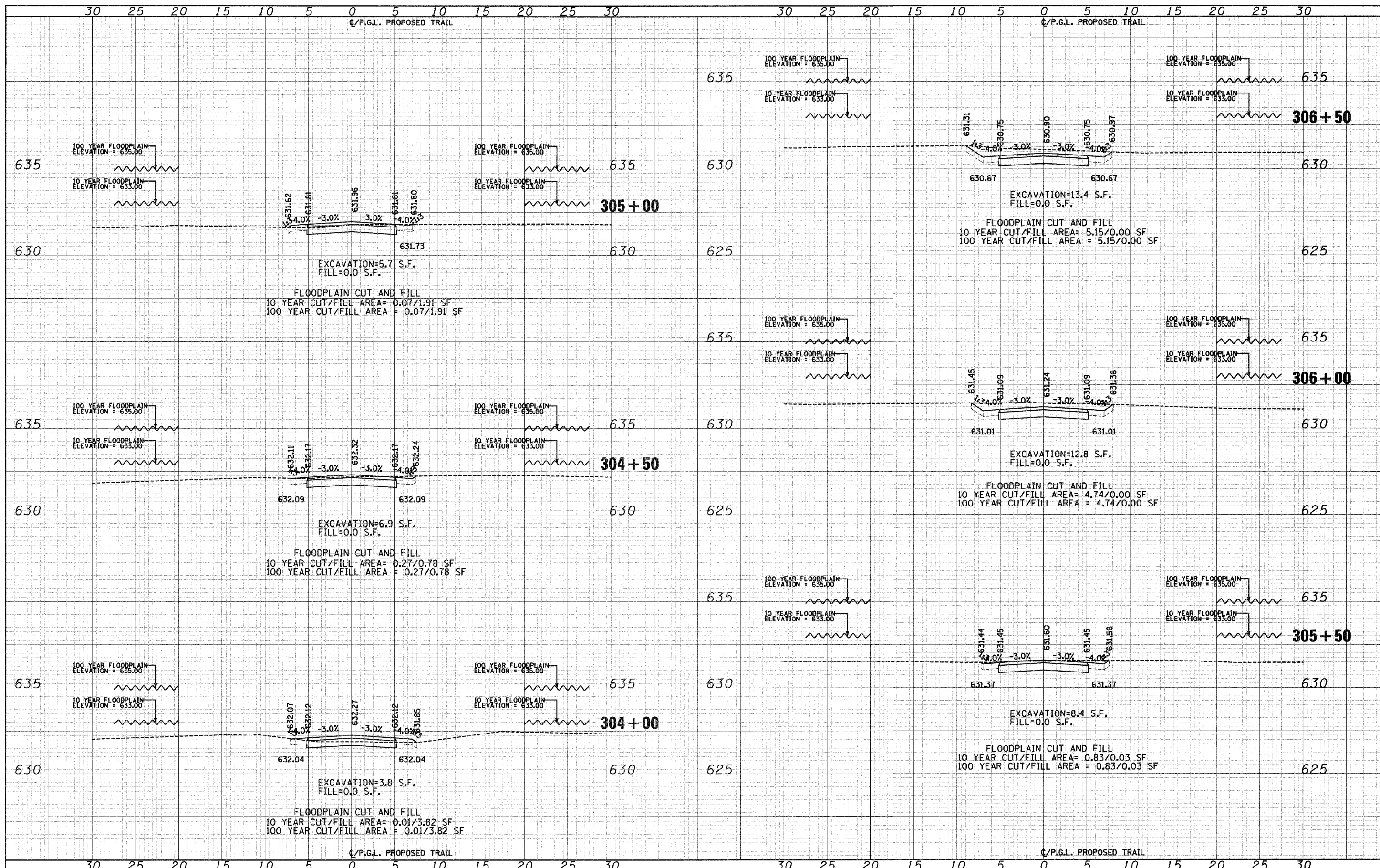
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PLOT SCALE = 5.0000 ' / IN.	CHECKED - M/JF	REVISED -					
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -					

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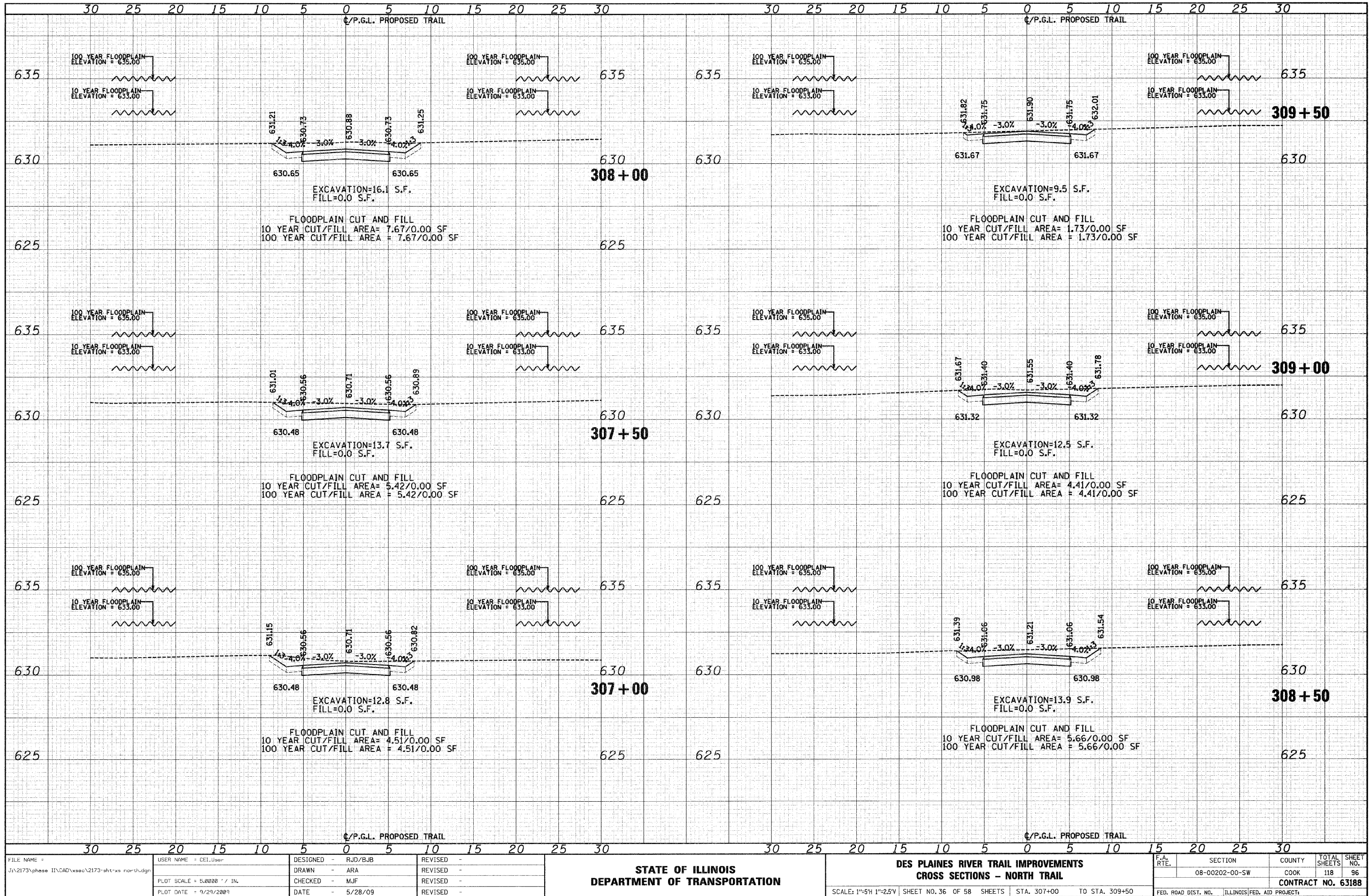
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FILE NAME = J:\2173\phase II\CAD\sscc\2173-shr-ks north.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - NORTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5,0000' / 1"	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	95		
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISIED -	CONTRACT NO. 63188							
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

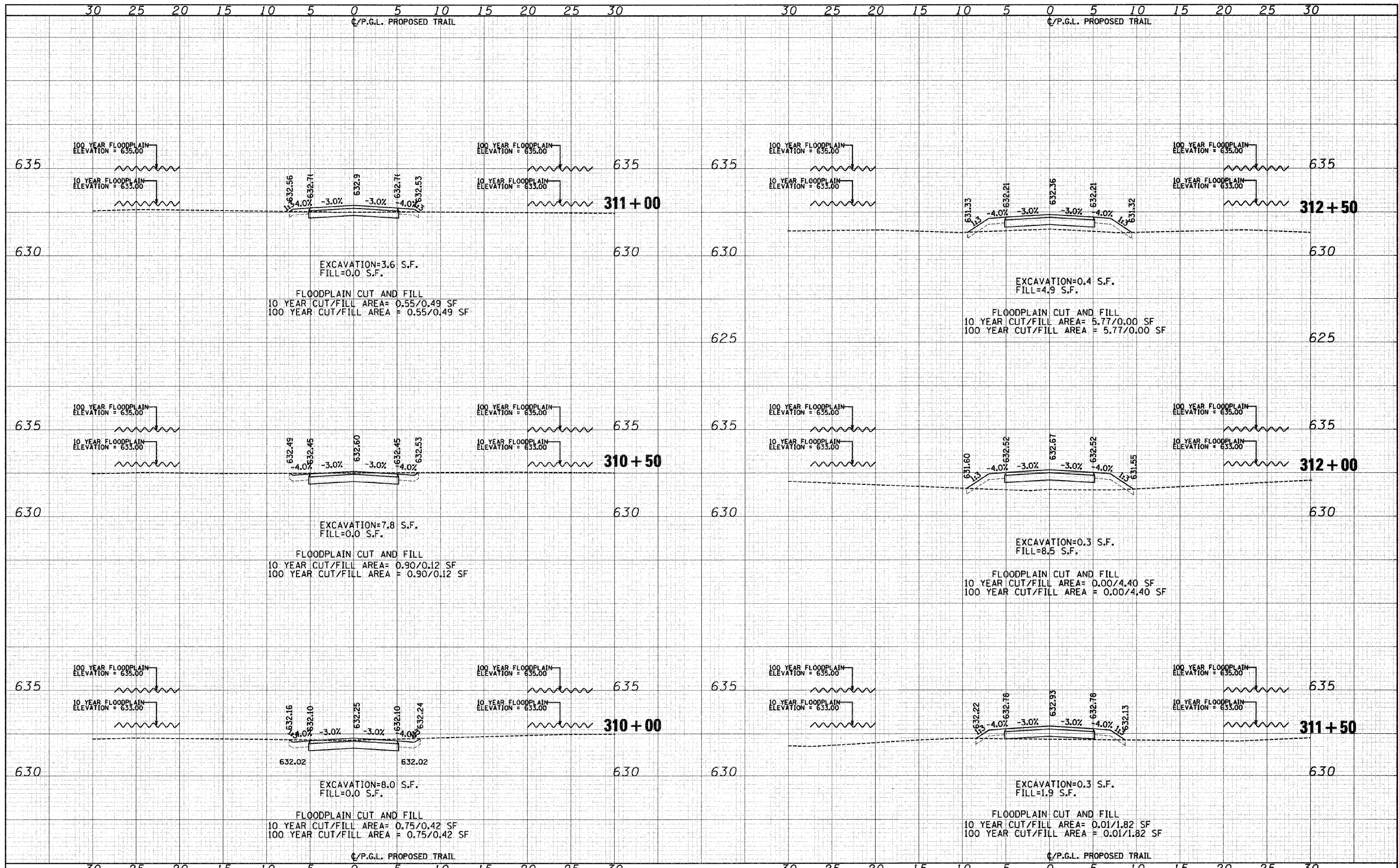
DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - NORTH TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 36 OF 58 SHEETS STA. 307+00 TO STA. 309+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	96
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63188	

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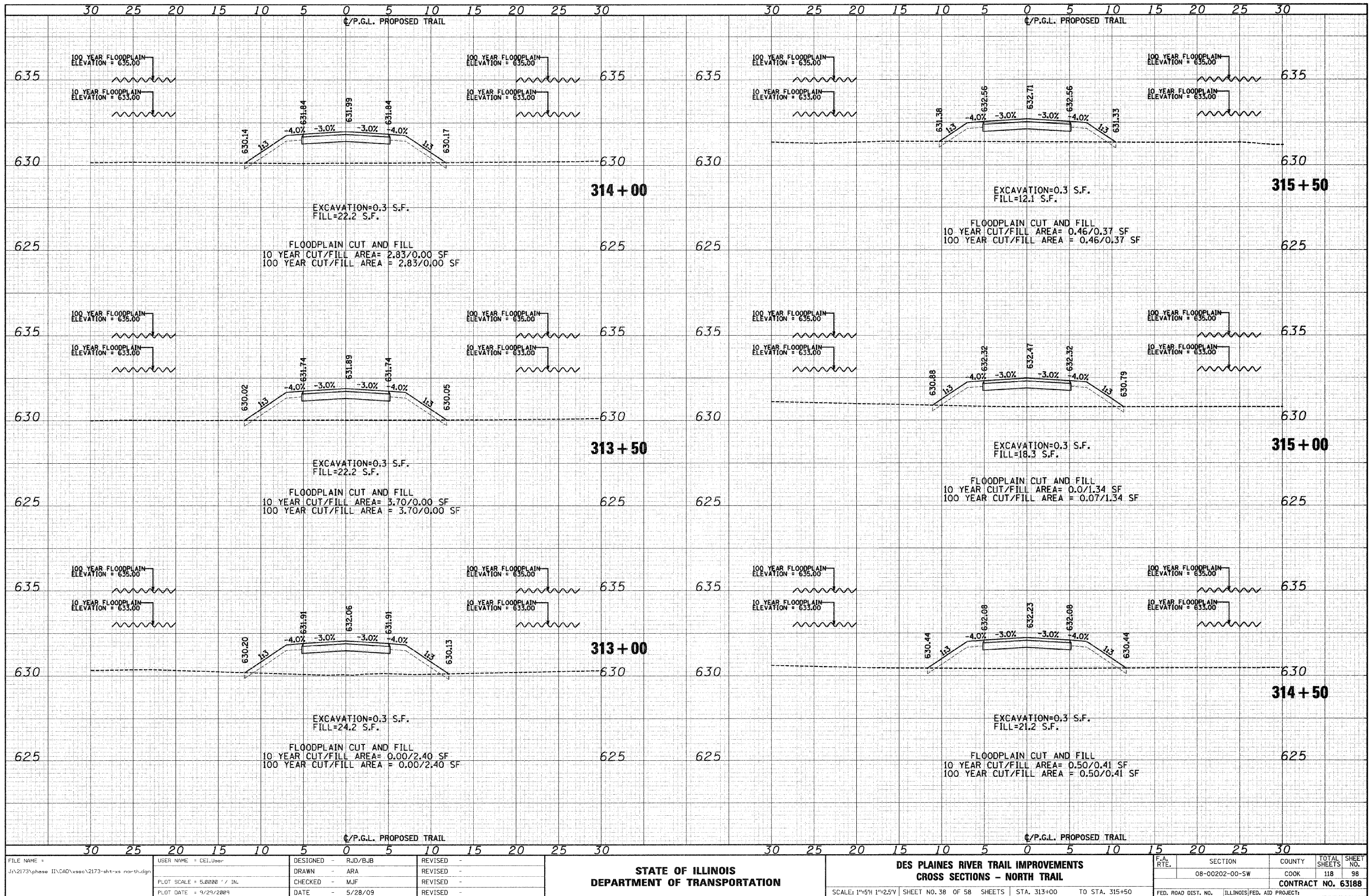
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PLOT SCALE = 5.0000' / IN.	CHECKED - M/JF	REVISED -	08-00202-00-SW			COOK	118	97	
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188						
			SCALE: 1"=5' H 1"=25' V			SHEET NO. 37 OF 58 SHEETS	STA. 310+00 TO STA. 312+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

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DESIGNED -	RJD/BJB
DRAWN -	ARA
PLOT SCALE =	5.0000' / 1"
PLOT DATE =	9/29/2009

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

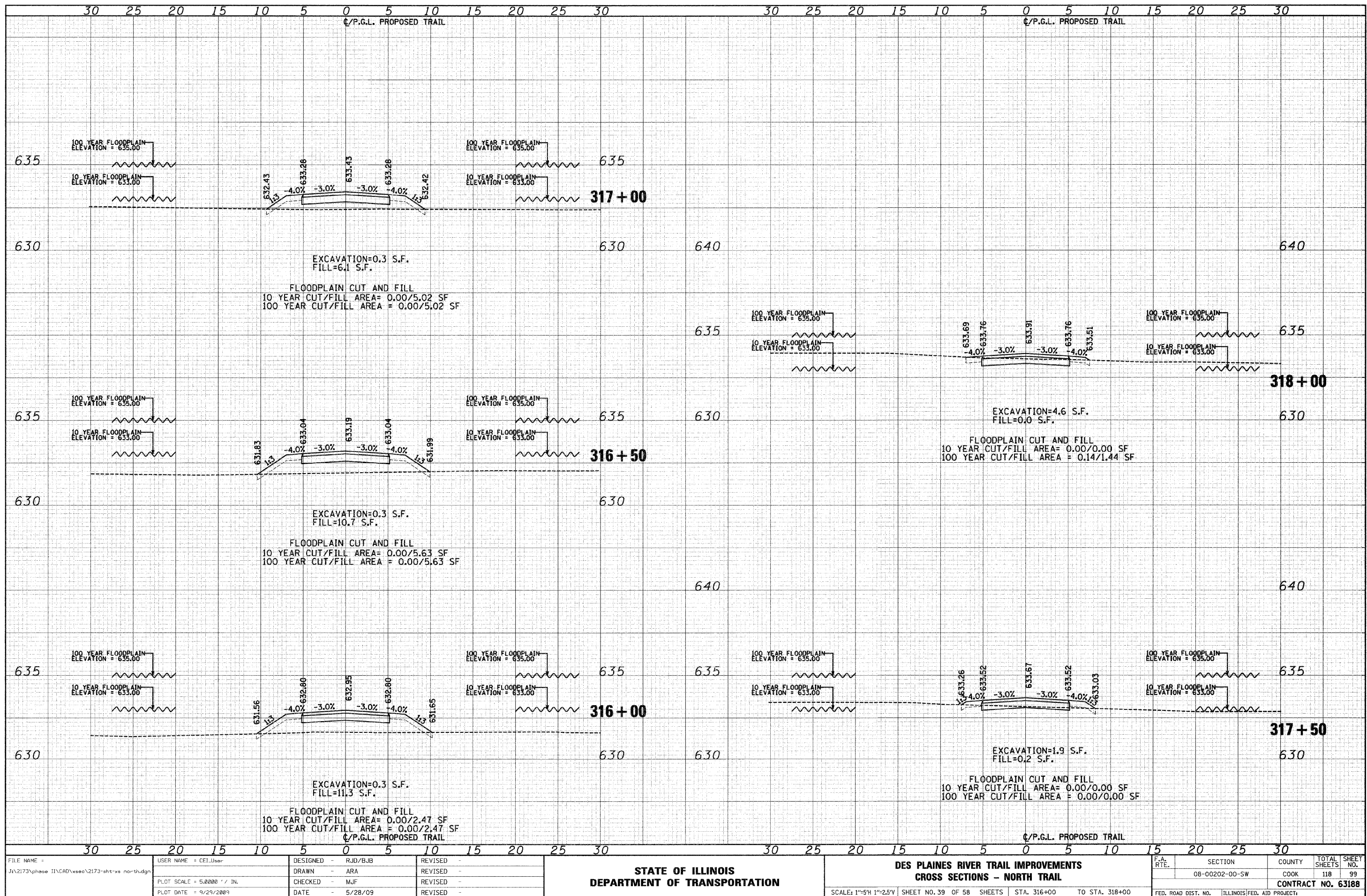
**DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - NORTH TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 38 OF 58 SHEETS STA. 313+00 TO STA. 315+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	98
CONTRACT NO. 63188				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT:		

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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw-no-trhdgn

USER NAME = CEI\User

DESIGNED -	RJD/BJB	REVISED -	
DRAWN -	ARA	REVISED -	
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DATE -	5/28/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

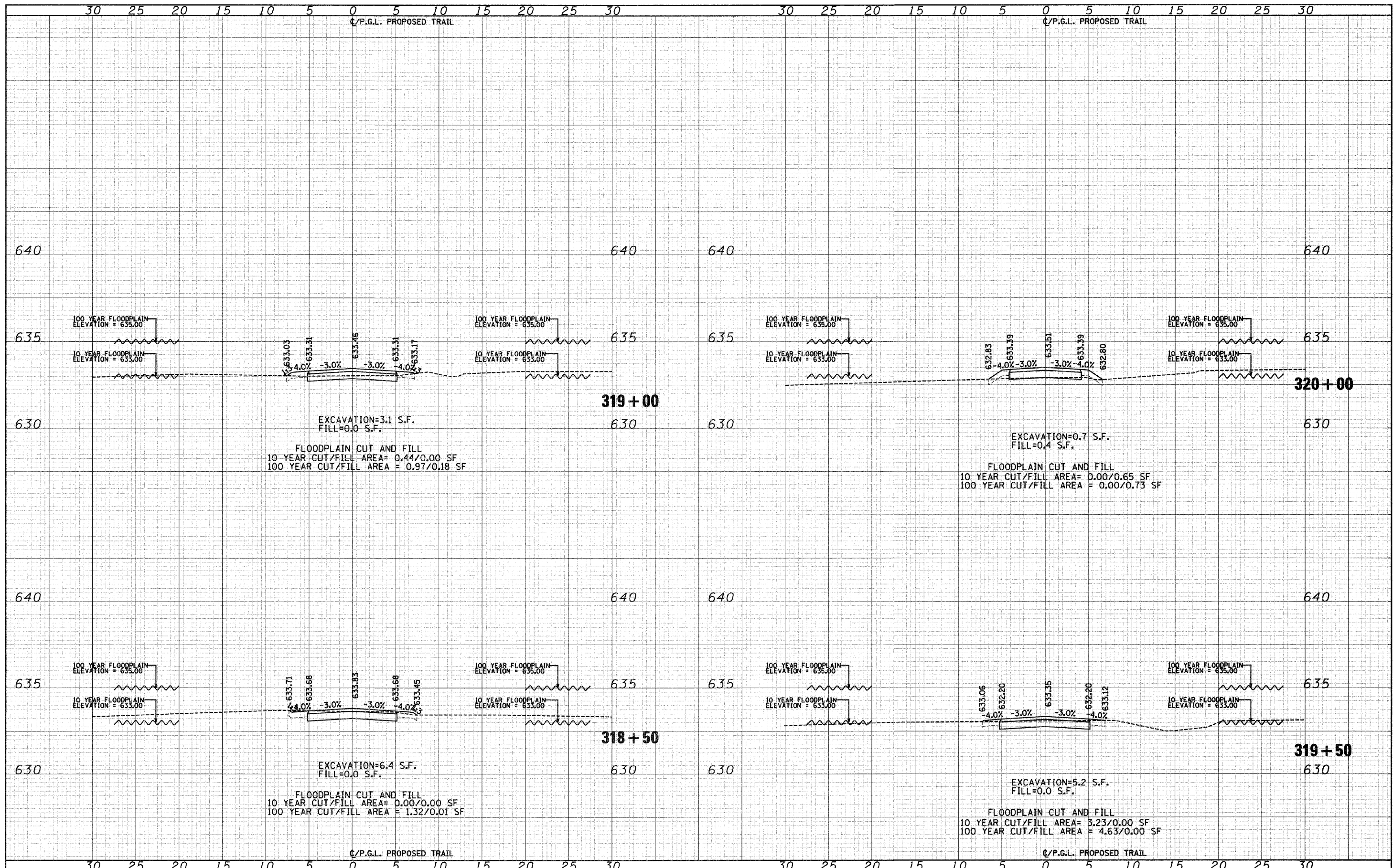
**DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - NORTH TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 39 OF 58 SHEETS STA. 316+00 TO STA. 318+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	99
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63188	

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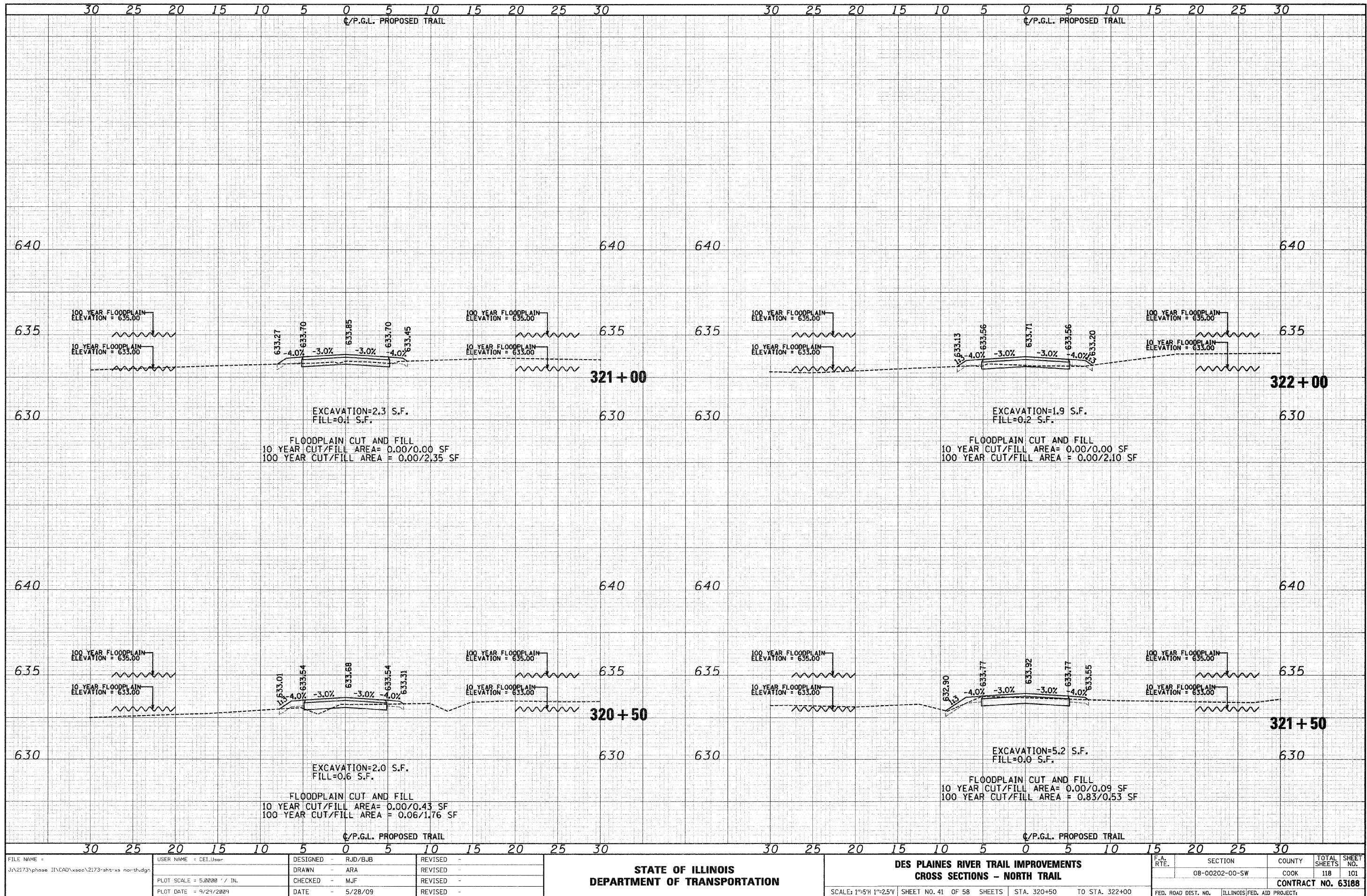
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PLOT SCALE = 5.0000' / 1"	CHECKED - MJF	REVISIED -				08-00202-00-SW	COOK	118	100	
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISIED -				CONTRACT NO. 63188				
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 40 OF 58 SHEETS STA. 318+50 TO STA. 320+00			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PLOT DATE = 9/24/2009	CHECKED - MJF	REVISED -
	DATE - 5/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

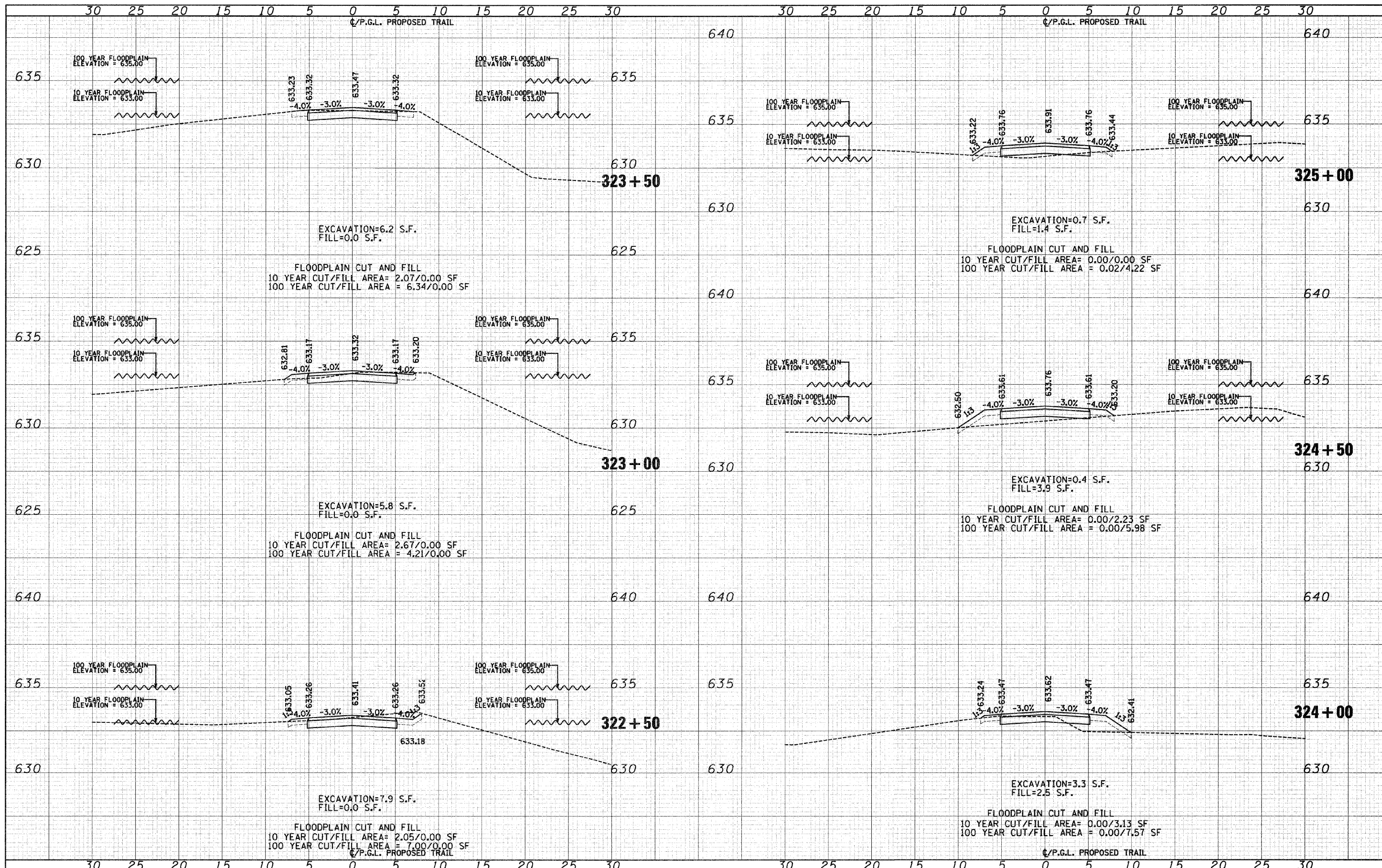
DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - NORTH TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 41 OF 58 SHEETS STA. 320+50 TO STA. 322+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	101
CONTRACT NO. 63188				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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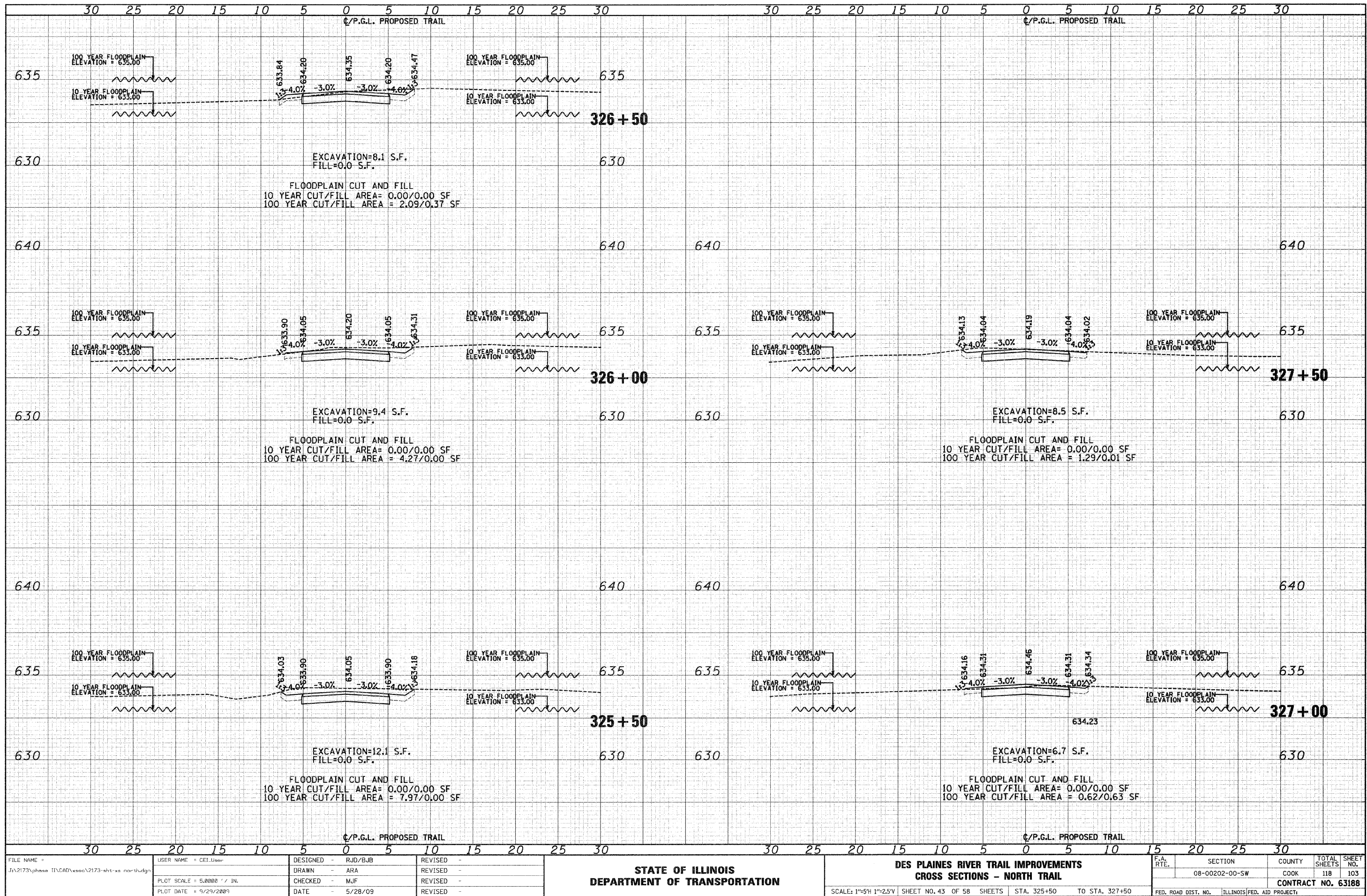
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FILE NAME = J:\2173\phase II\CAD\ssac\2173 sht xs nor th.dgn	USER NAME = CEI.User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - NORTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	102		
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V SHEET NO. 42 OF 58 SHEETS STA. 322+50 TO STA. 325+00							

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FINAL SURVEY	
NOTE BOOK	
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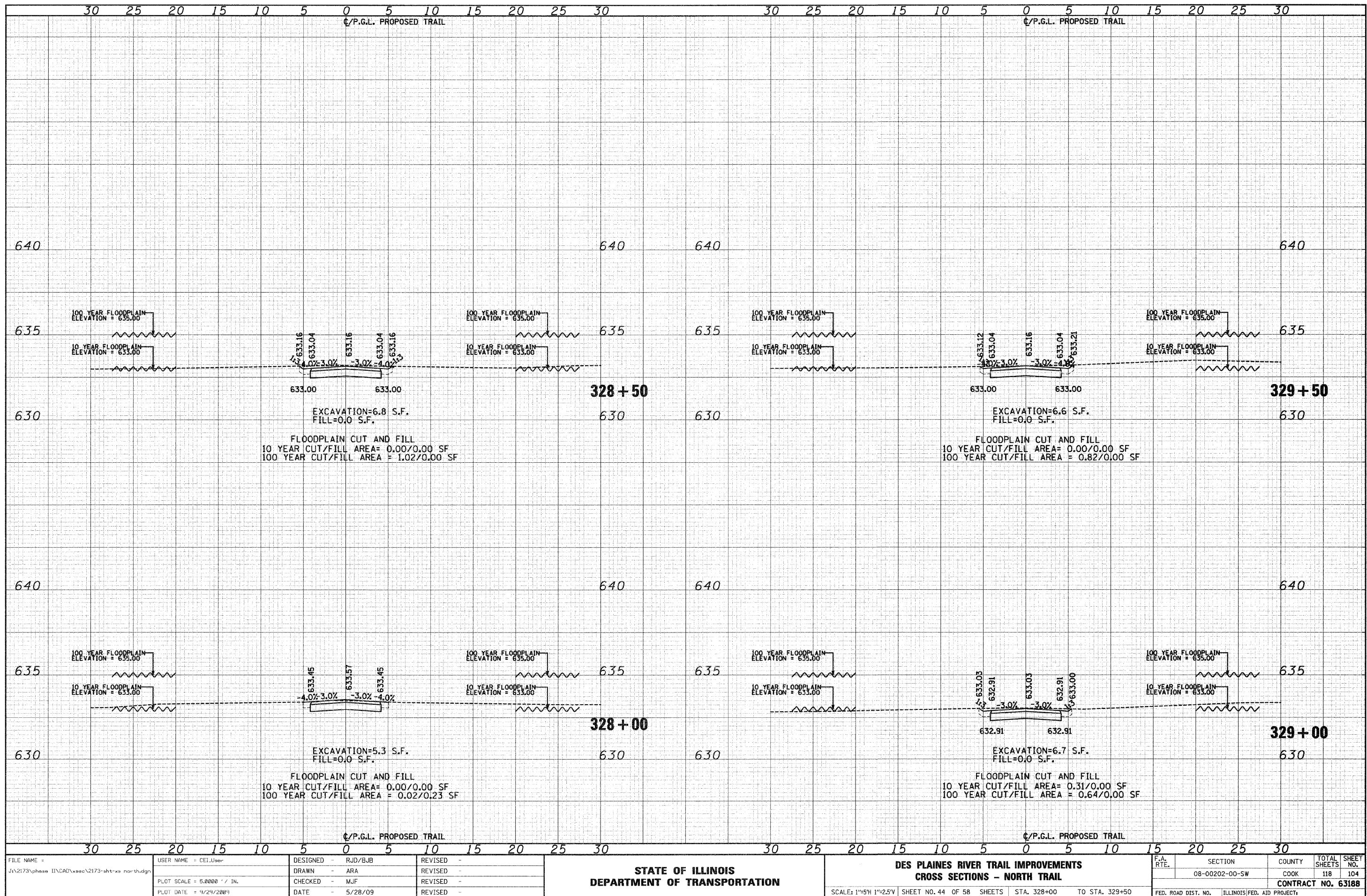
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FILE NAME = J:\2173\phase IV\CAD\anno\2173-sht-sw-north.dgn	USER NAME = CEI User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - NORTH TRAIL	SCALE: 1"=5'H 1"=25'V SHEET NO. 43 OF 58 SHEETS STA. 325+50 TO STA. 327+50	F.A. RTE. SECTION COUNTY TOTAL SHEETS NO. 08-00202-00-SW COOK 118 103 CONTRACT NO. 63188
PLOT SCALE = 5.0000 "/ IN.	CHECKED - MJF	REVISED -					
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -					

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FILE NAME = J:\2173\phase II\CAD\2173-sht-00-north.dgn
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PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 9/29/2009

DESIGNED -	RJD/BJB	REVISED -	
DRAWN -	ARA	REVISED -	
CHECKED -	MJF	REVISED -	
DATE -	5/28/09	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

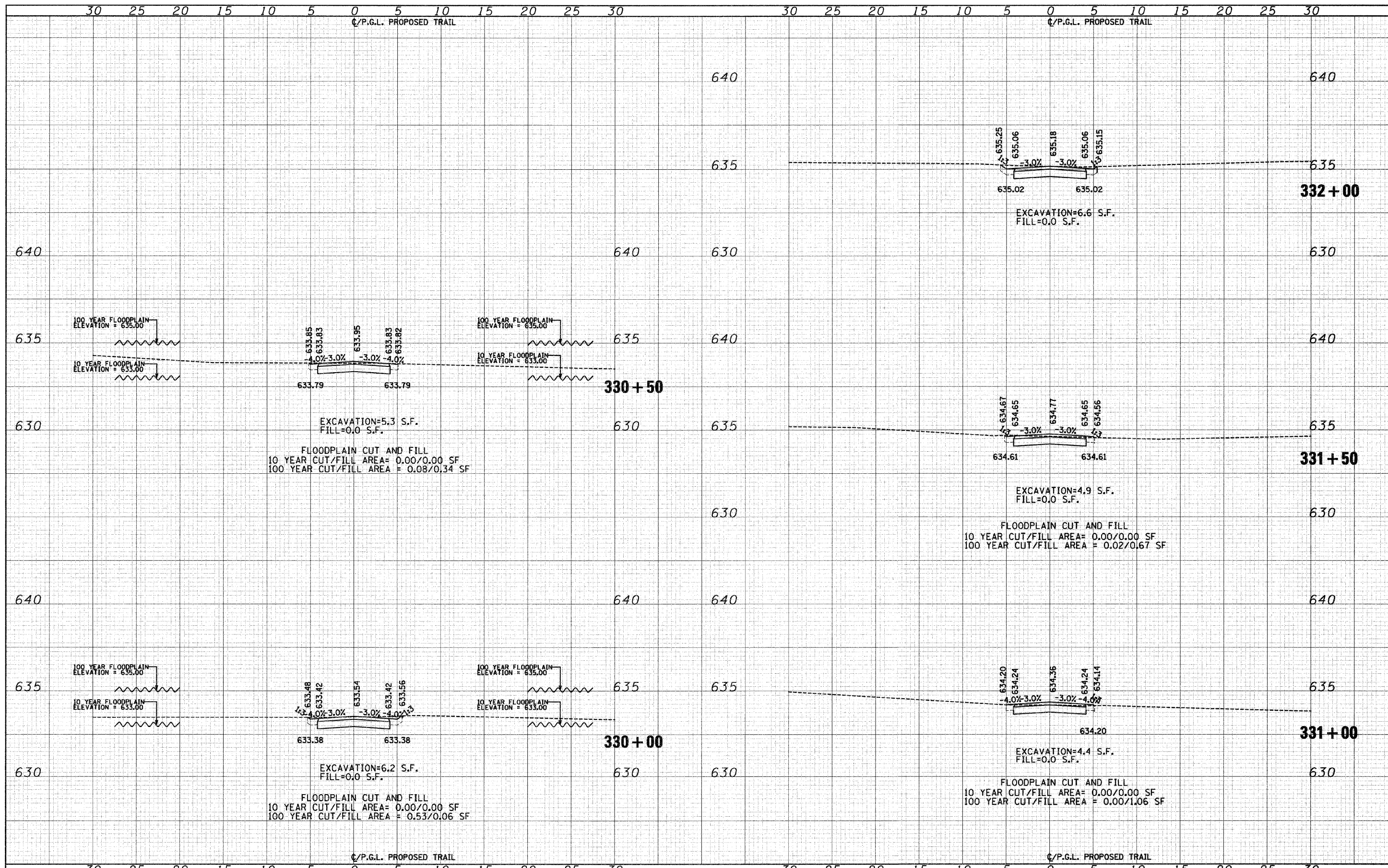
**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - NORTH TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 44 OF 58 SHEETS STA. 328+00 TO STA. 329+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	104
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63188	

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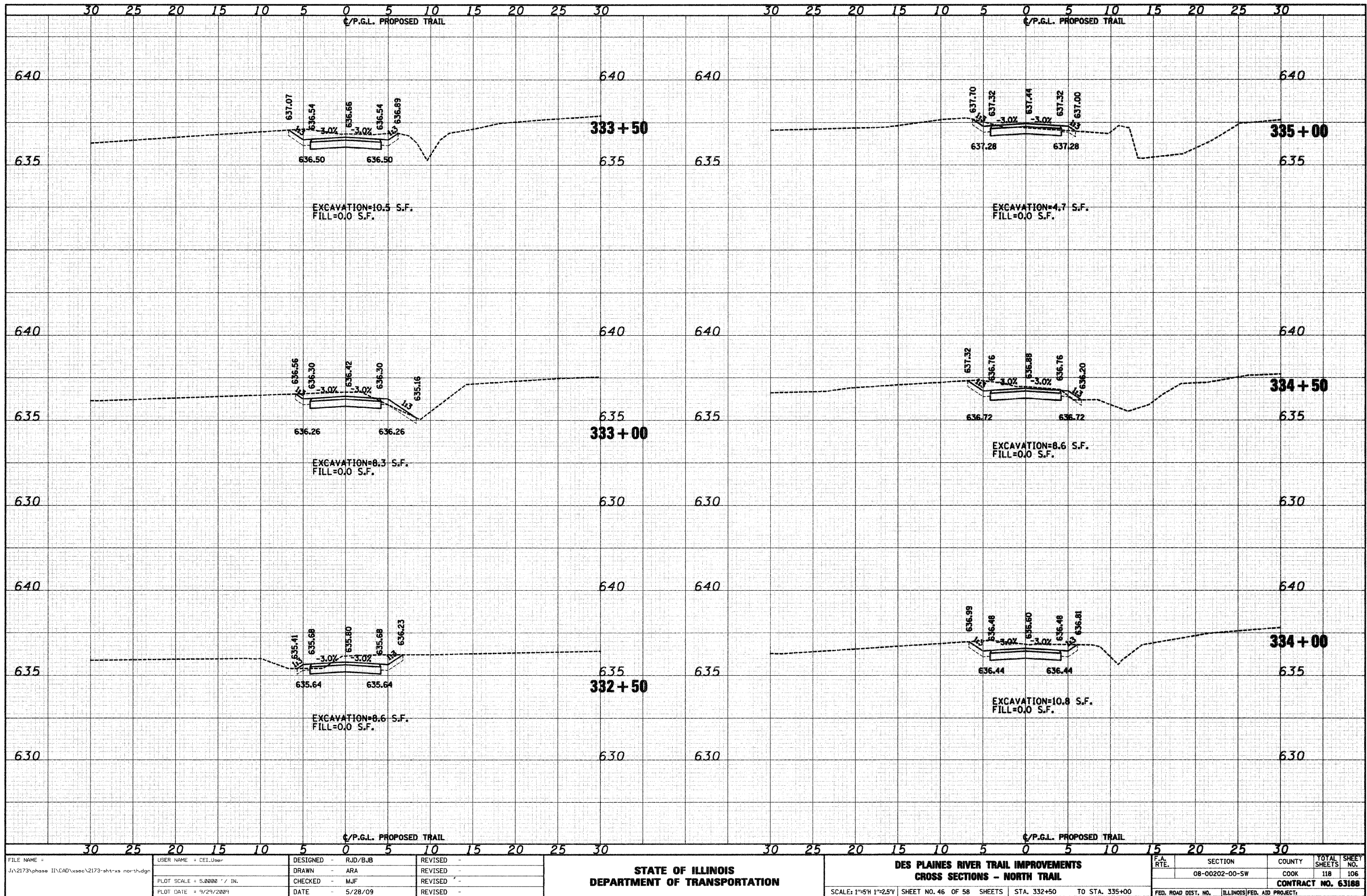
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FILE NAME = J:\2173\phase II\CAD\sec\2173-sht-ns north.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - NORTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	105		
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=2.5'V			SHEET NO. 45 OF 58 SHEETS	STA. 330+00 TO STA. 332+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

DATE	
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NOTE BOOK	
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NOTE BOOK	
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FILE NAME = J:\2173\phase II\CA0\ssac\2173-sht-ns north.dgn

USER NAME = CEI\User
 PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 9/29/2009

DESIGNED - RJD/BJB
 DRAWN - ARA
 CHECKED - MJF
 DATE - 5/28/09

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

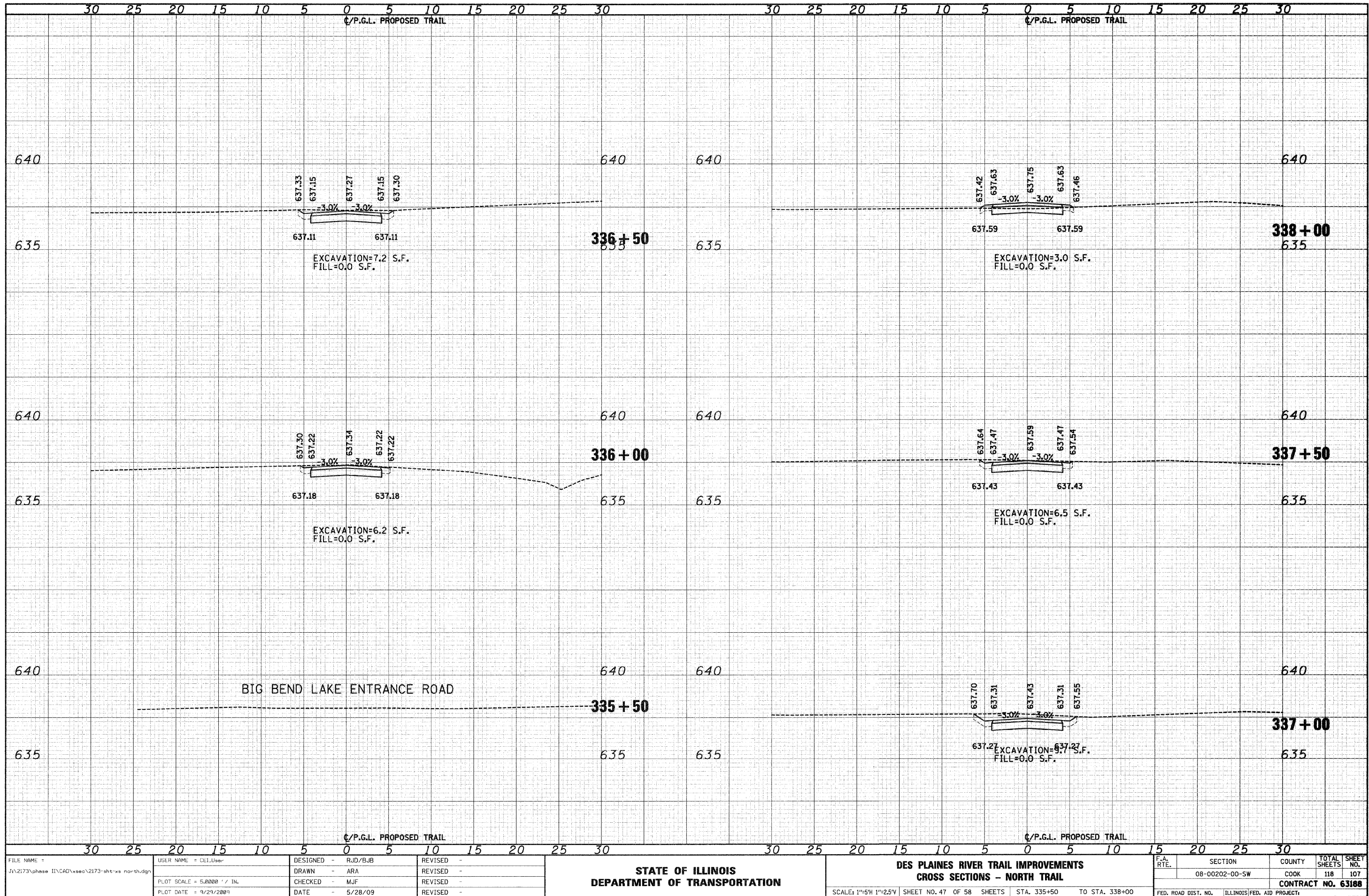
DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - NORTH TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 46 OF 58 SHEETS STA. 332+50 TO STA. 335+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	106
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:			CONTRACT NO. 63188	

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FILE NAME = J:\2173\phase II\CAD\sec\2173-sht-ns north.dgn

USER NAME = CEI\User
 PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 9/29/2009

DESIGNED -	RJD/BJB	REVISED -	
DRAWN -	ARA	REVISED -	
CHECKED -	MJF	REVISED -	
DATE -	5/28/09	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

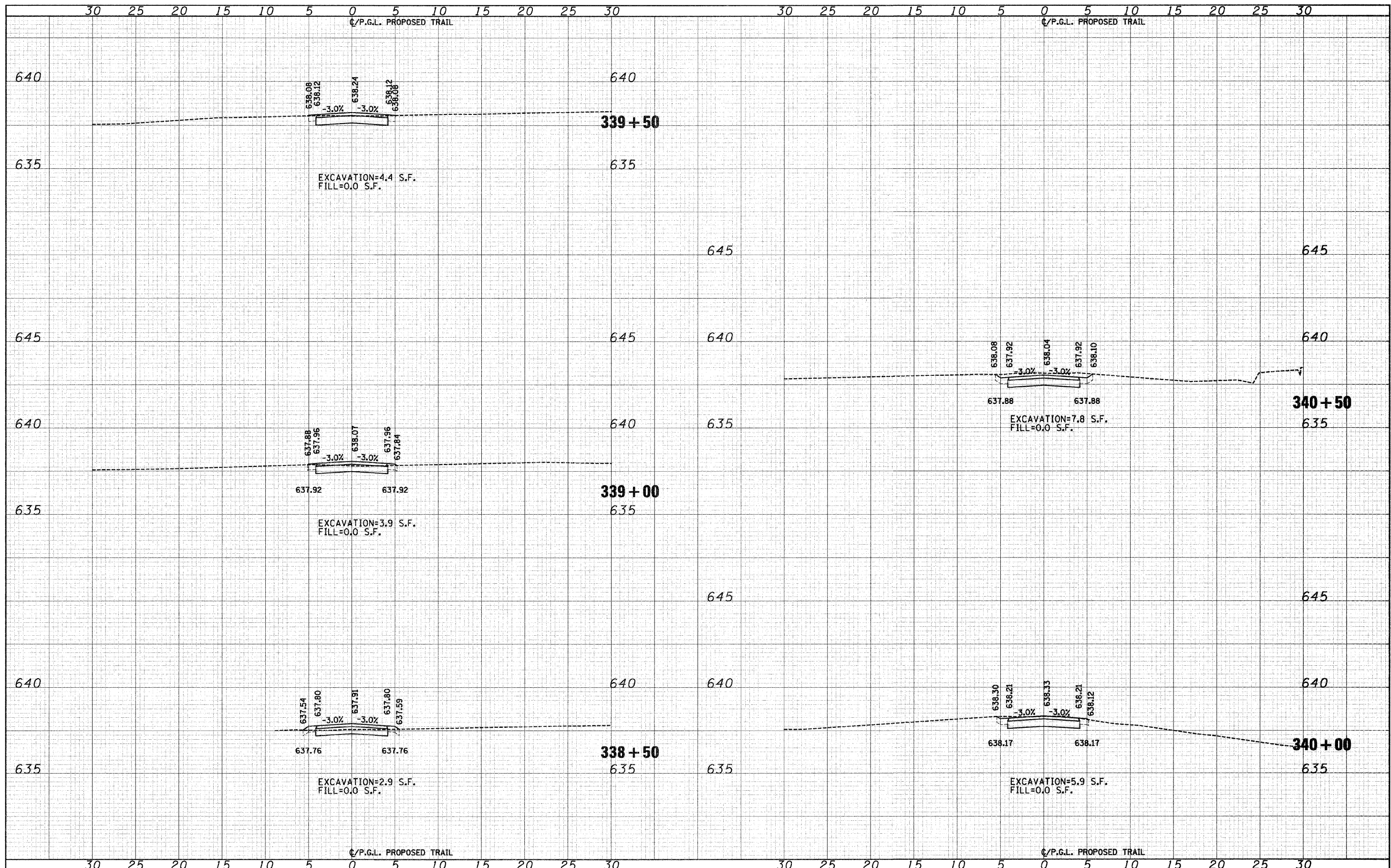
DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - NORTH TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 47 OF 58 SHEETS STA. 335+50 TO STA. 338+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	08-00202-00-SW	COOK	118
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		SHEET NO. 107
			CONTRACT NO. 63188

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-ns north.dgn
 USER NAME = CEL\User
 PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 9/29/2009

DESIGNED -	RJD/BJB	REVISED -	
DRAWN -	ARA	REVISED -	
CHECKED -	MJF	REVISED -	
DATE -	5/28/09	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

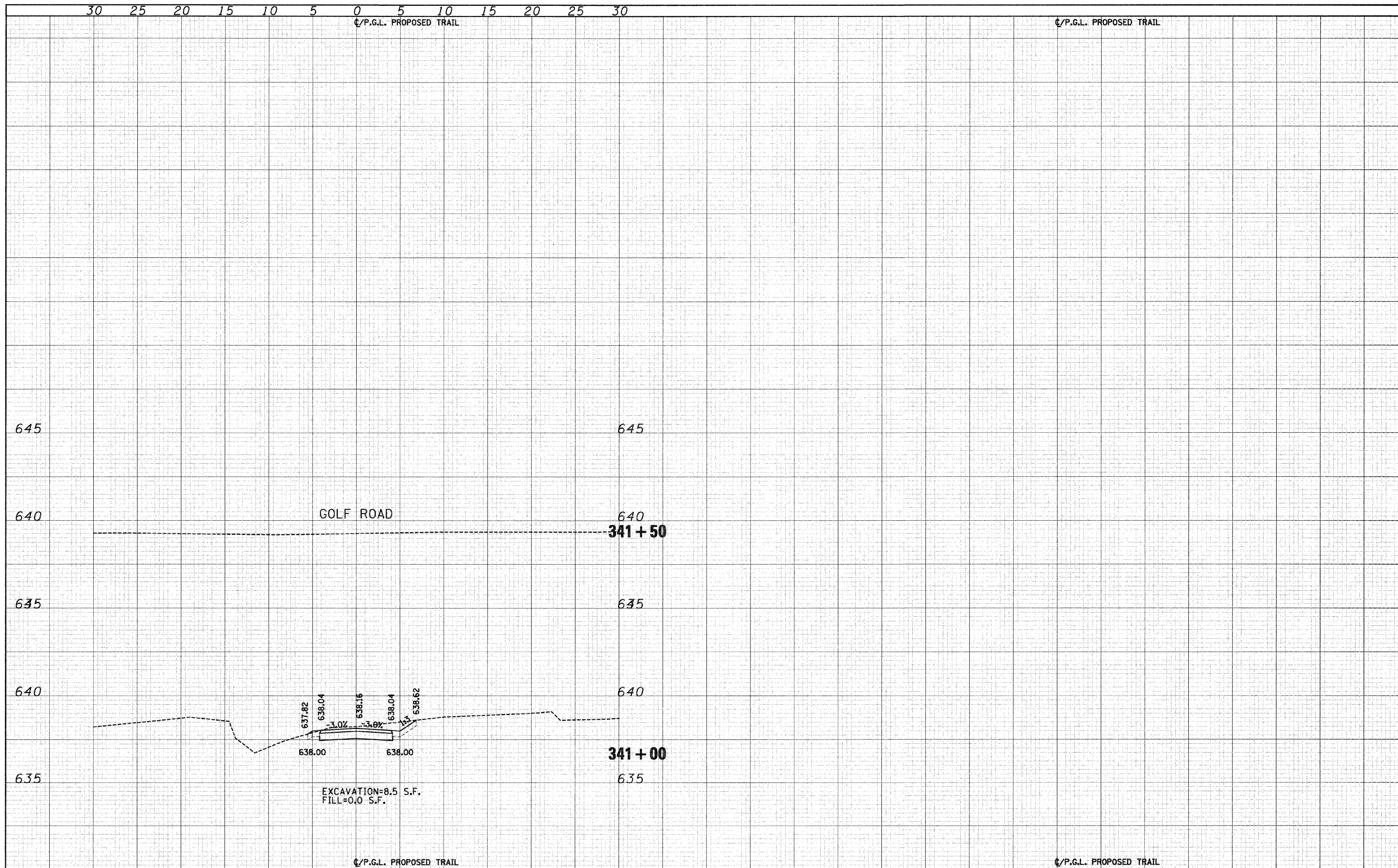
**DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - NORTH TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 48 OF 58 SHEETS STA. 338+50 TO STA. 340+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	108
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63188	

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FINAL SURVEY	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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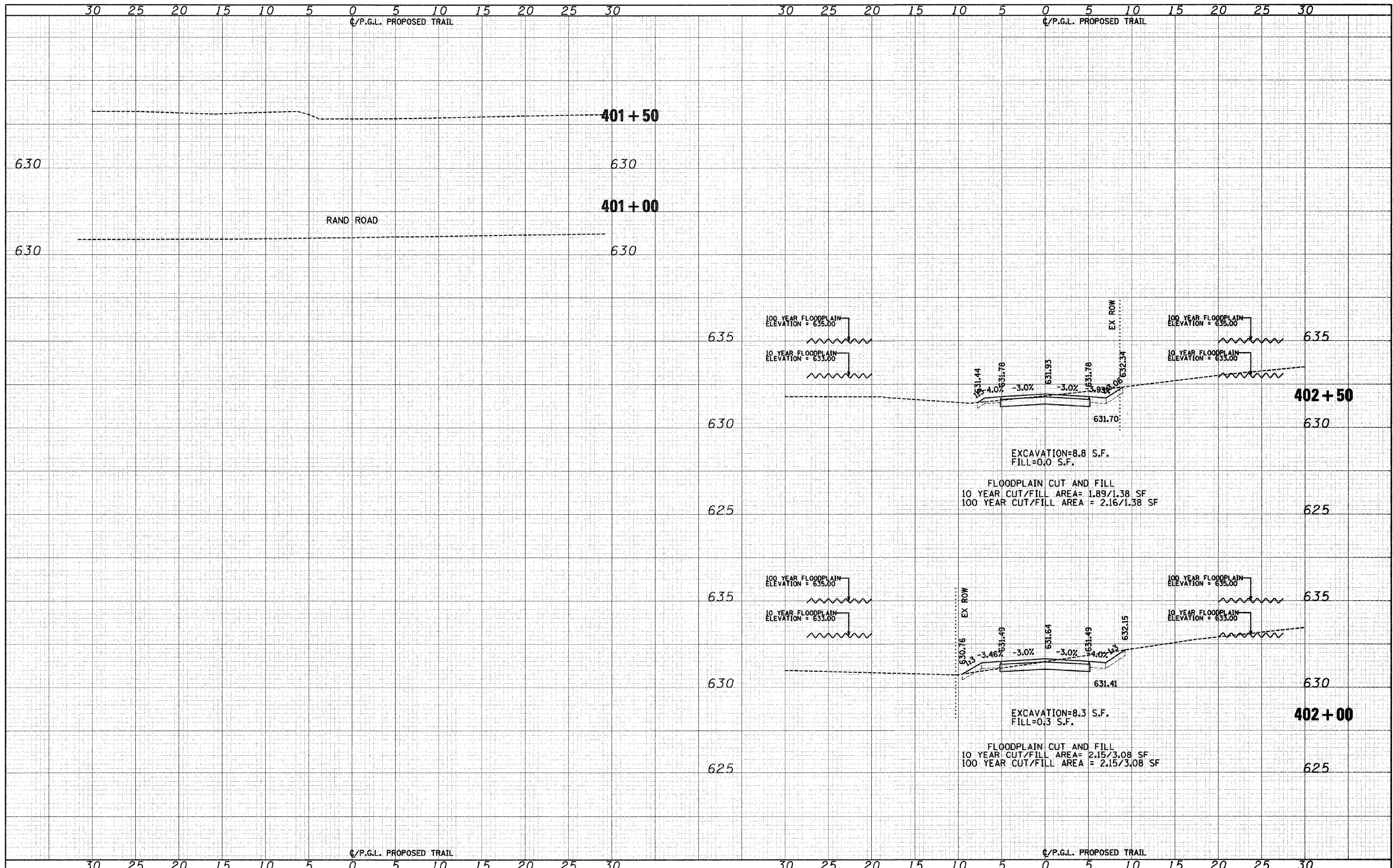


FILE NAME = J:\2173\phase II\CAD\ssac\2173-sht-xs north.dgn	USER NAME = cel.Usa	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - NORTH TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / 1" IN.	CHECKED - MJF	REVISIED -	08-00202-00-SW			COOK	118	109		
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:			

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 49 OF 58 SHEETS STA. 341+00 TO STA. 341+50

DATE	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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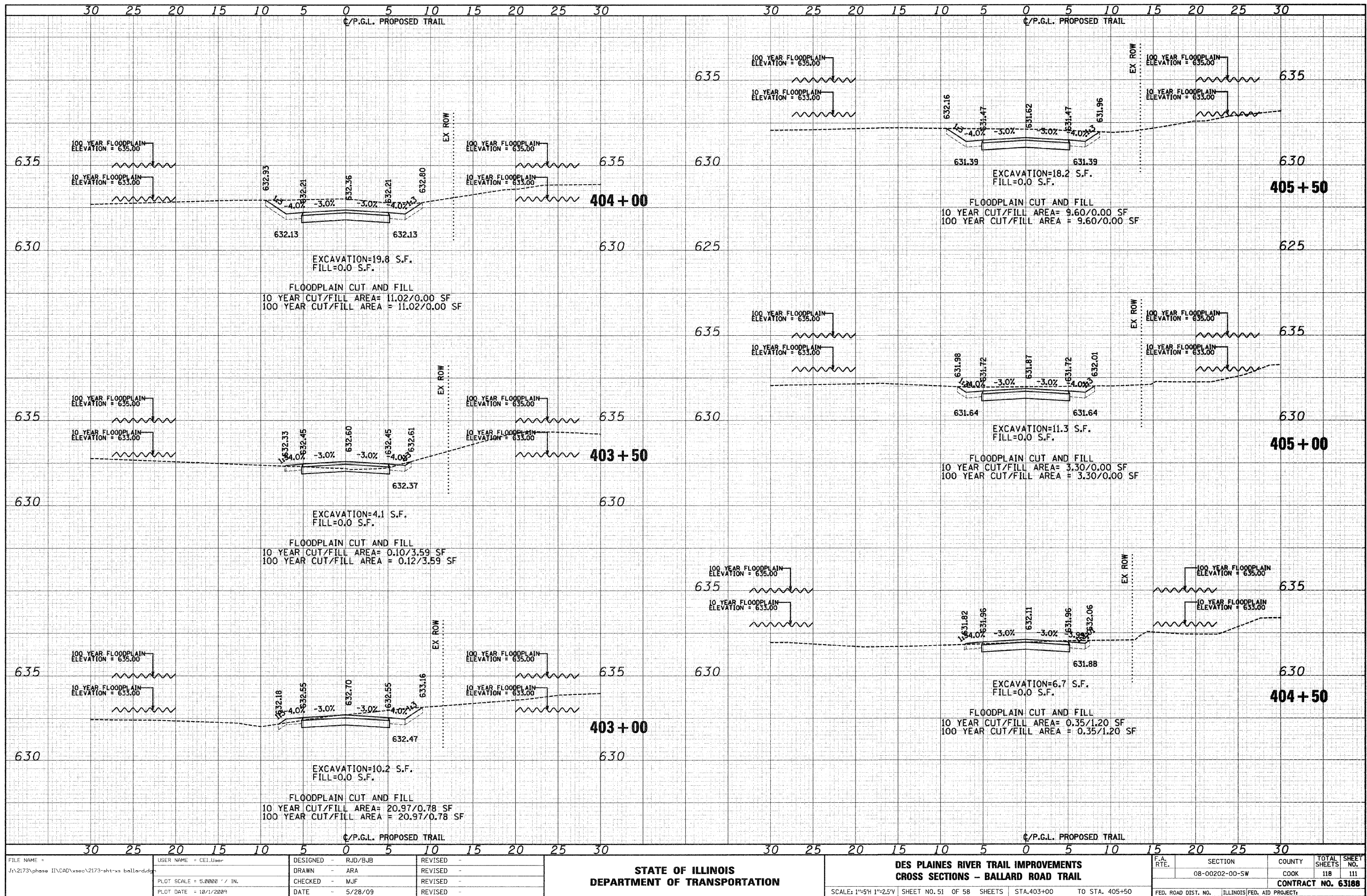
DATE	
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ORIGINAL SURVEY	
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FILE NAME = J:\2173\phase II\CA0\sscu\2173-shr-xe ballard.dwg	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - BALLARD ROAD TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW			COOK	118	110		
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188							
			SCALE: 1"=5'H 1"=25'V			SHEET NO. 50 OF 58 SHEETS	STA. 400+00 TO STA. 402+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

DATE	
BY	
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TEMPLATE	
NOTE BOOK	
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FILE NAME = J:\2173\phase I\ICAD\ssoc\2173-sht-sw ballard.dgn
 USER NAME = CEI\User

PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 10/1/2009

DESIGNED - RJD/BJB
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 DATE - 5/28/09

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

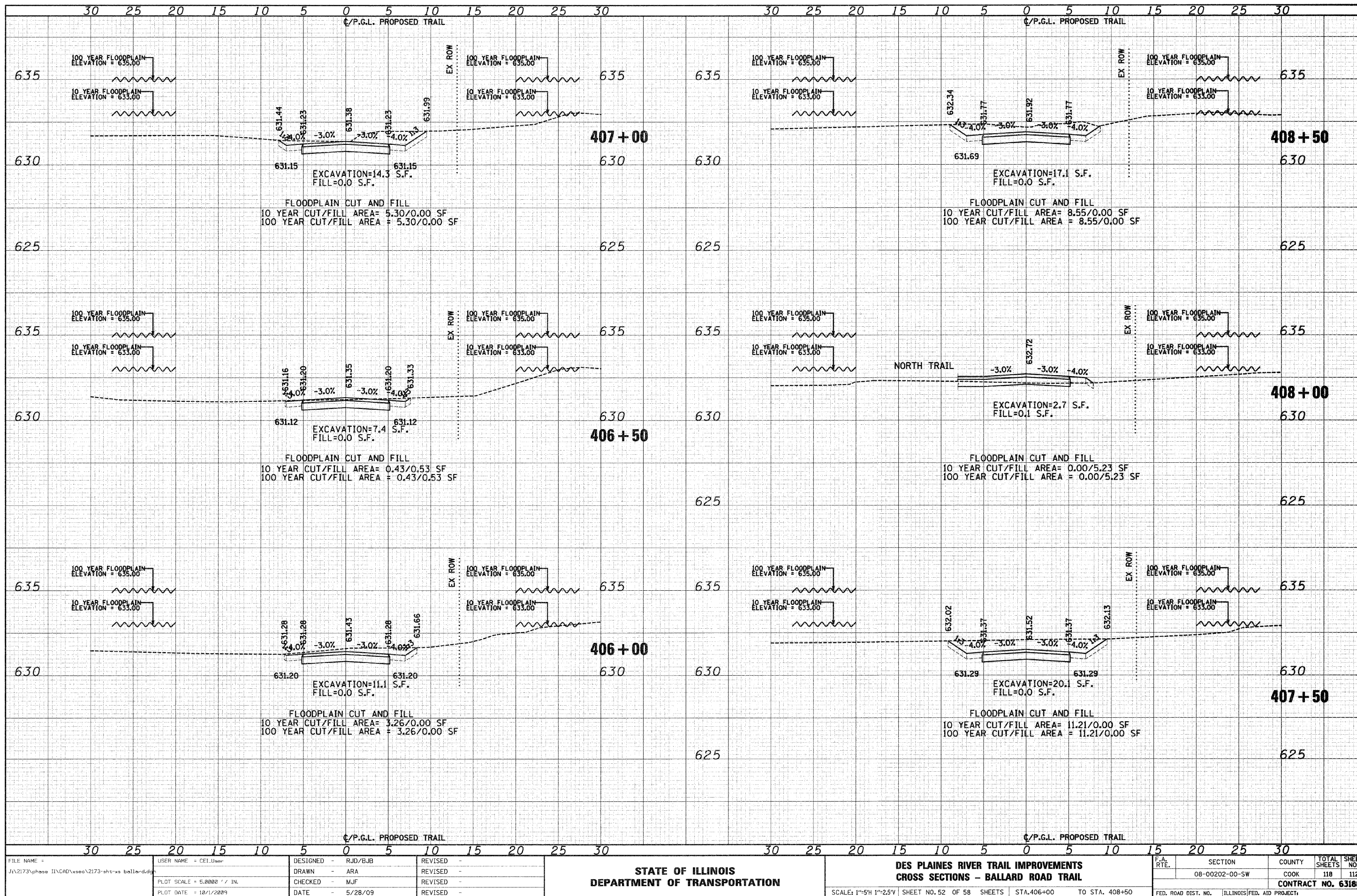
**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - BALLARD ROAD TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 51 OF 58 SHEETS STA. 403+00 TO STA. 405+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	08-00202-00-SW	COOK	118
			111
CONTRACT NO. 63188			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

DATE	
BY	
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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw ballard.dwg
 USER NAME = CEL\User

PLOT SCALE = 5.0000' / 1" IN.
 PLOT DATE = 10/1/2009

DESIGNED -	RJD/BJB	REVISED -	
DRAWN -	ARA	REVISED -	
CHECKED -	MJF	REVISED -	
DATE -	5/28/09	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

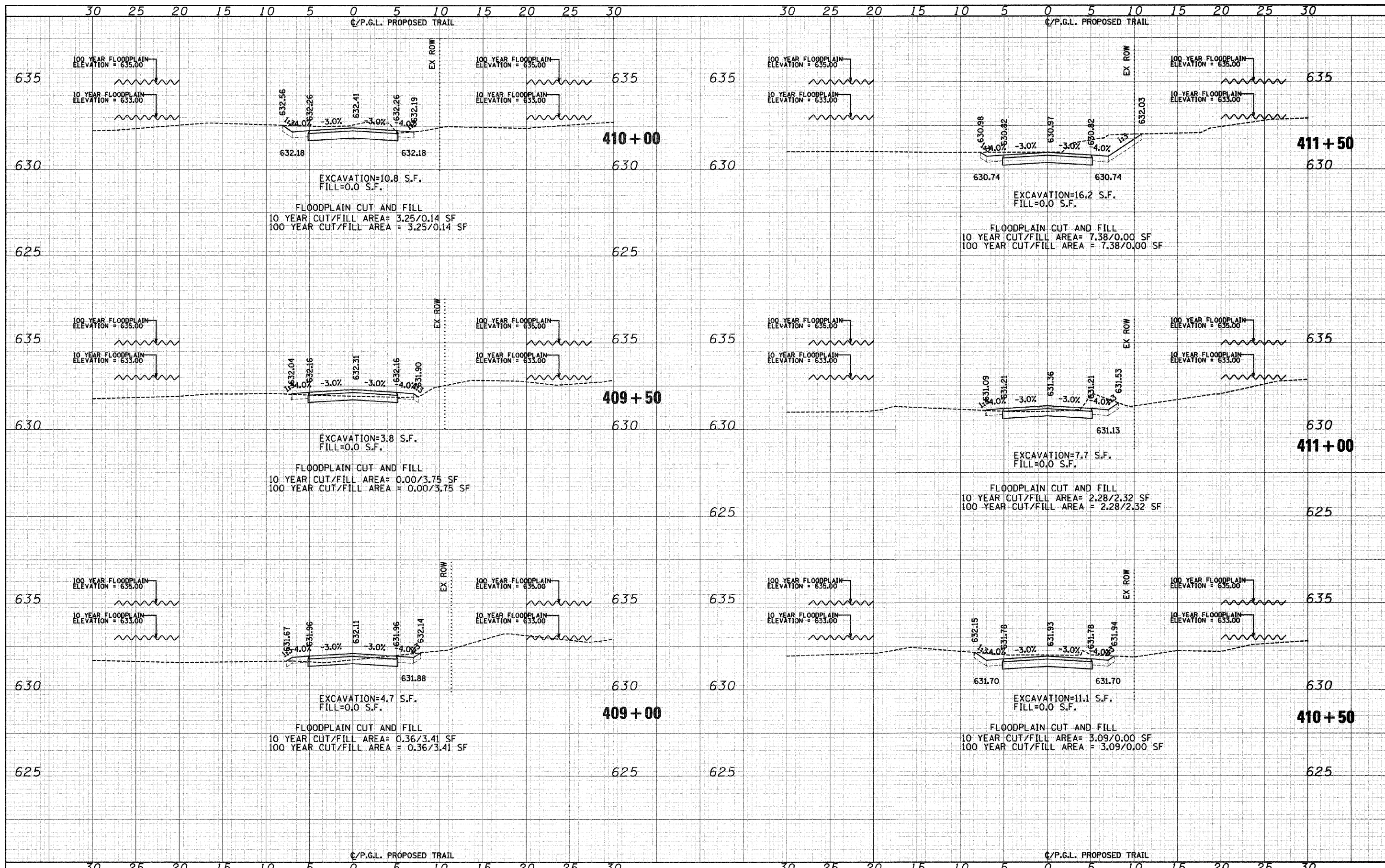
**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - BALLARD ROAD TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 52 OF 58 SHEETS STA. 406+00 TO STA. 408+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	112
CONTRACT NO. 63188				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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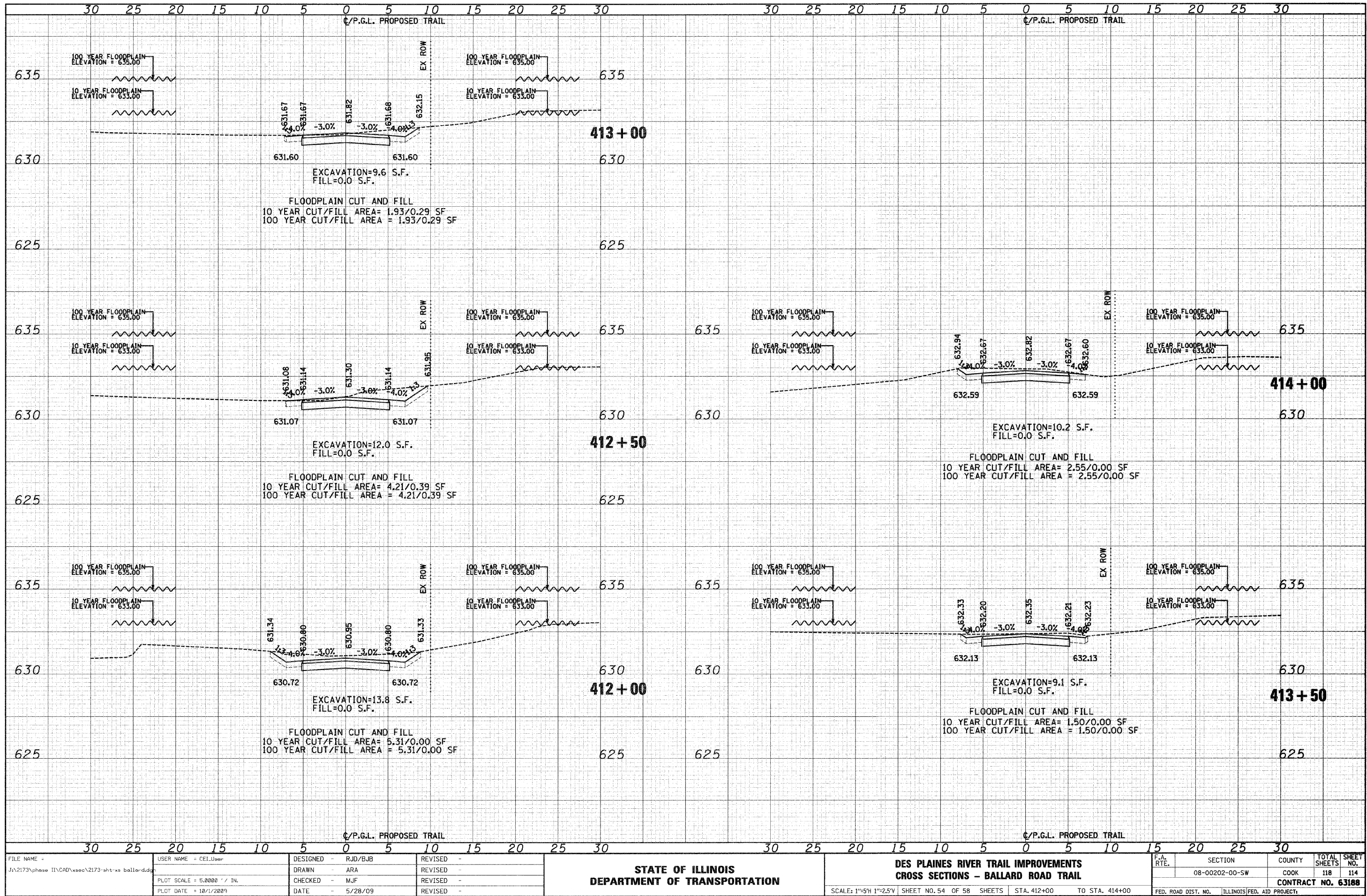
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FILE NAME = J:\2173\phase II\CAD\anno\2173-sht-xa-ballard.dgn	USER NAME = CEI\User	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - BALLARD ROAD TRAIL	SCALE: 1"=5'H 1"=25'V SHEET NO. 53 OF 58 SHEETS STA. 409+00 TO STA. 411+50	F.A. RTE. SECTION COUNTY TOTAL SHEETS NO. 08-00202-00-SW COOK 118 113 CONTRACT NO. 63100	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
PLOT SCALE = 5.0000' / IN.	CHECKED - MJF	REVISED -						
PLOT DATE = 10/1/2009	DATE - 5/28/09	REVISED -						

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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-sw-ballard.dwg
 USER NAME = CEI\User
 PLOT SCALE = 5.0000' / 1"
 PLOT DATE = 10/1/2009

DESIGNED - RJD/BJB	REVISED -
DRAWN - ARA	REVISED -
CHECKED - MJF	REVISED -
DATE - 5/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

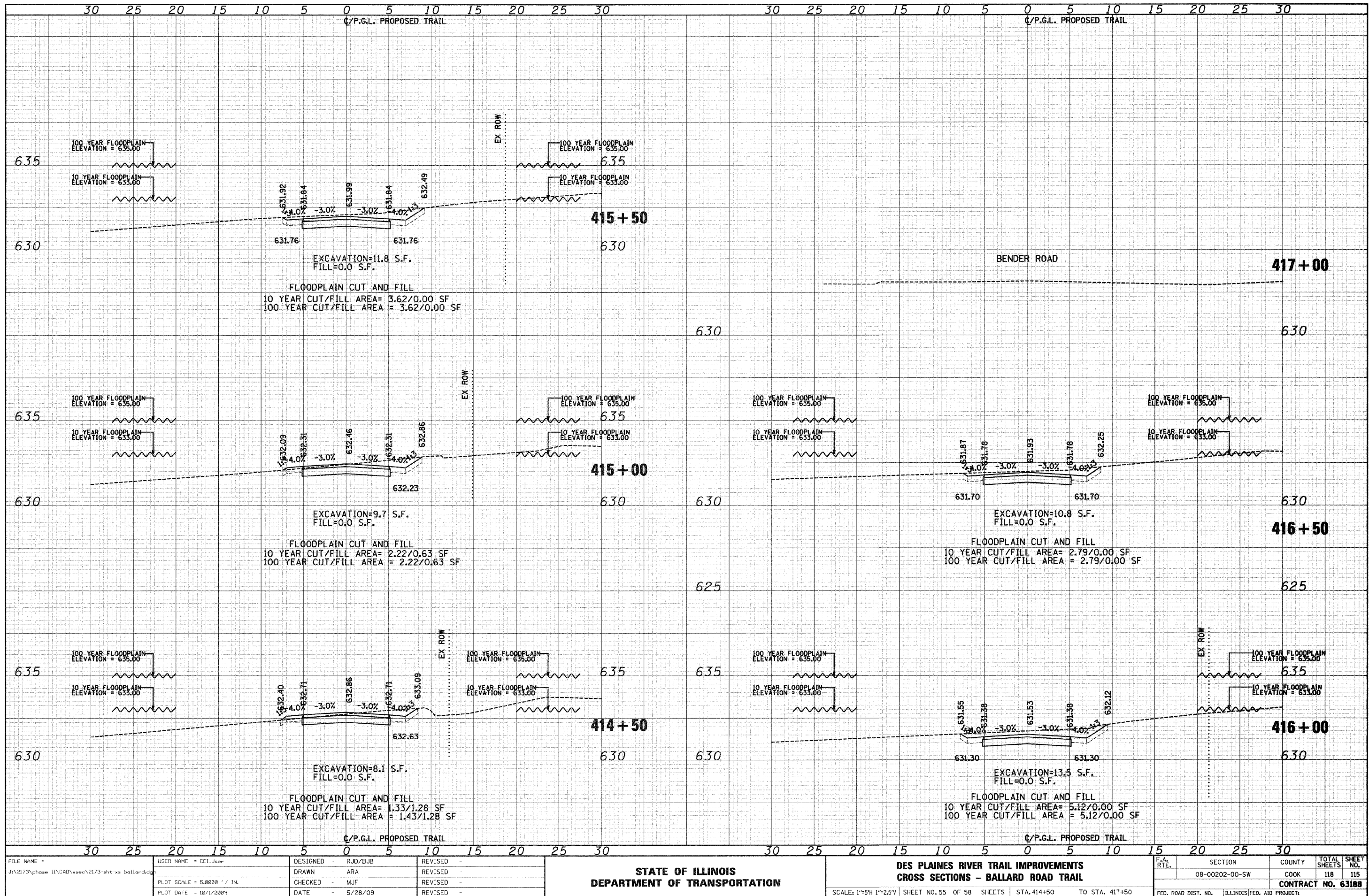
DES PLAINES RIVER TRAIL IMPROVEMENTS
CROSS SECTIONS - BALLARD ROAD TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 54 OF 58 SHEETS STA. 412+00 TO STA. 414+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	114
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63188	

DATE	
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FINAL SURVEY	
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FILE NAME = J:\2173\phase II\CAO\2173 sht 55 ballard.dwg
 USER NAME = CEI\User

PLOT SCALE = 5.0000' / 1" IN.
 PLOT DATE = 10/1/2009

DESIGNED	-	RJD/BJB	REVISED	-
DRAWN	-	ARA	REVISED	-
CHECKED	-	MJF	REVISED	-
DATE	-	5/28/09	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

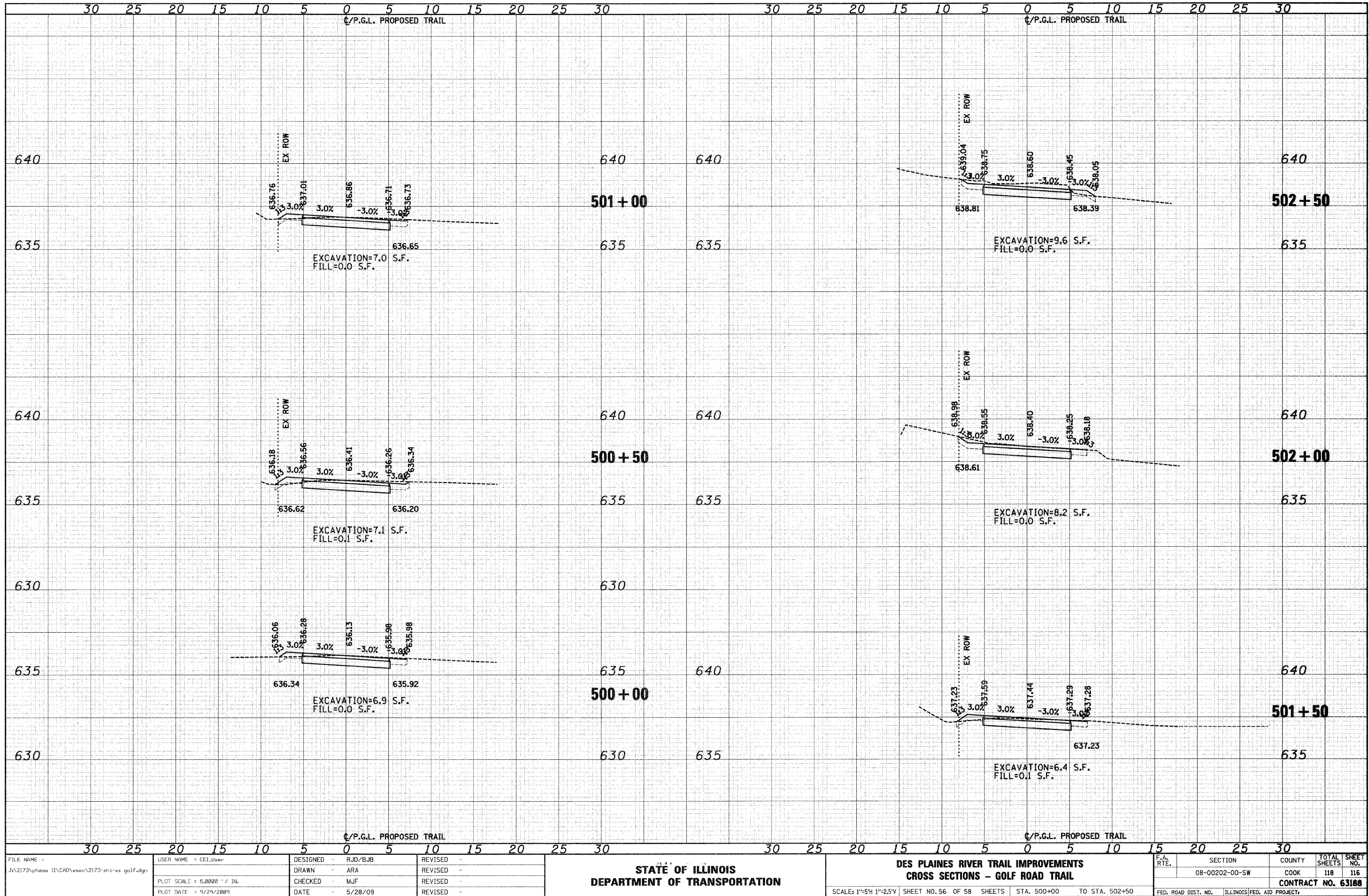
**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - BALLARD ROAD TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 55 OF 58 SHEETS STA. 414+50 TO STA. 417+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	08-00202-00-SW	COOK	118
			115
CONTRACT NO. 63188			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT:		

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FILE NAME = J:\2173\phase II\CAO\ssoc\2173-sht-xs golf.dgn

USER NAME = CEI\User
 PLOT SCALE = 5,0000' / IN.
 PLOT DATE = 9/29/2009

DESIGNED - RJD/BJB
 DRAWN - ARA
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 DATE - 5/28/09

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

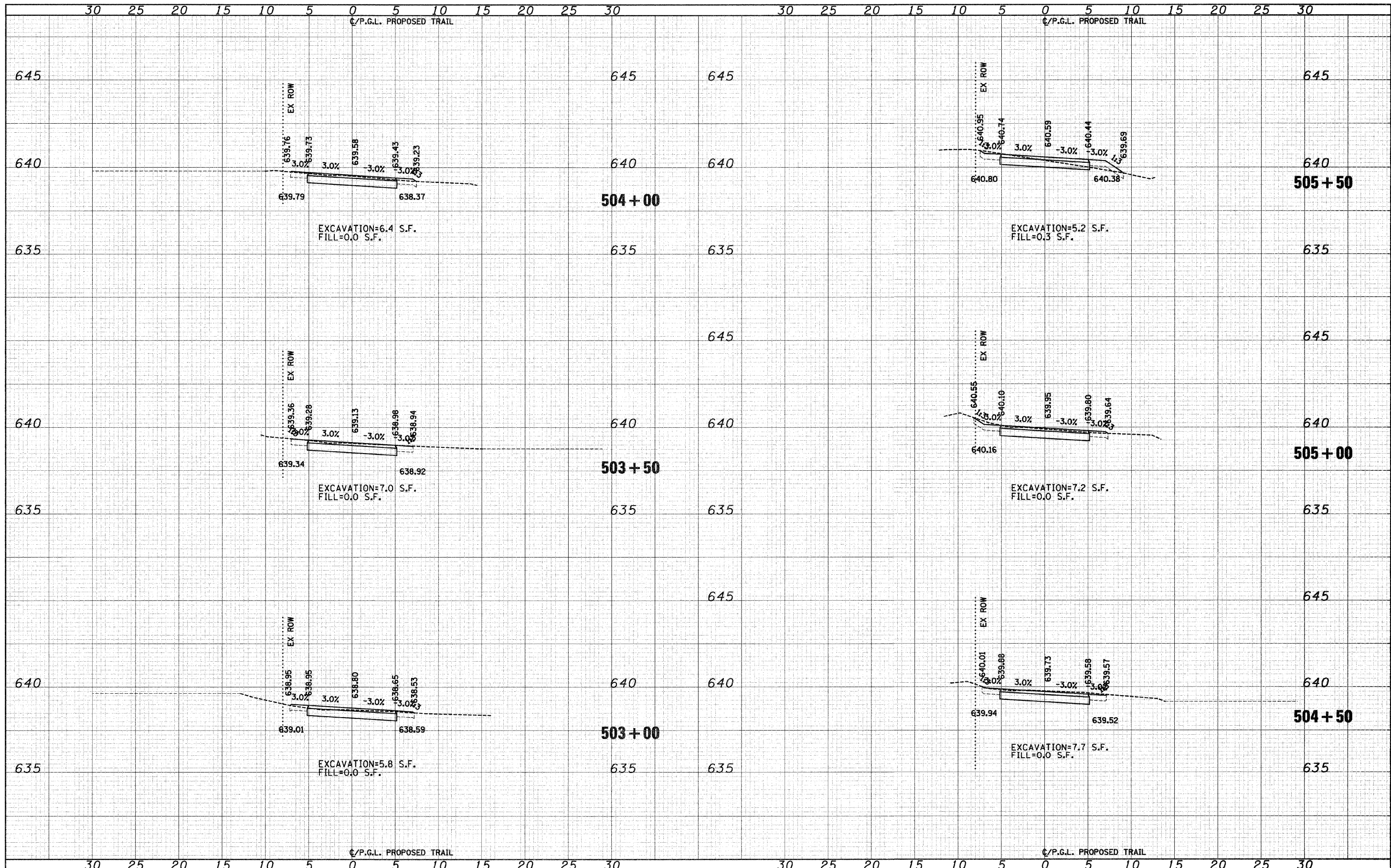
DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - GOLF ROAD TRAIL

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 56 OF 58 SHEETS STA. 500+00 TO STA. 502+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	116
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63188	

DATE	
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FILE NAME = J:\2173\phase II\CAD\ssoc\2173-sht-xo golf.dgn
 USER NAME = CEI\User

DESIGNED - RJD/BJB
 DRAWN - ARA
 CHECKED - M.J.F.
 DATE - 5/28/09

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

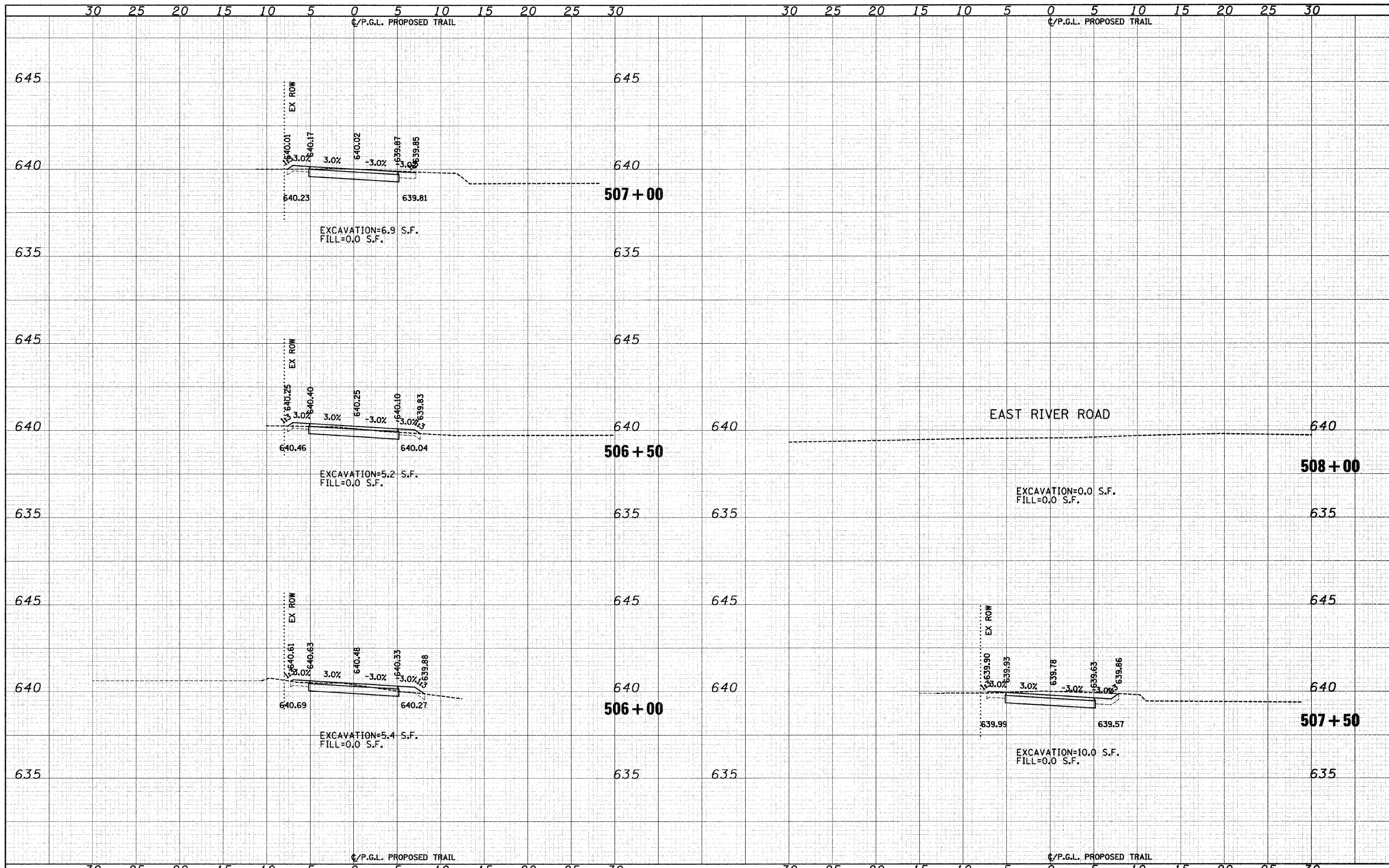
**DES PLAINES RIVER TRAIL IMPROVEMENTS
 CROSS SECTIONS - GOLF ROAD TRAIL**

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 57 OF 58 SHEETS STA. 503+00 TO STA. 505+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00202-00-SW	COOK	118	117
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63188	

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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FILE NAME = J:\2173\phase II\CAD\ssac\2173-sht-sw golf.dgn	USER NAME = cel-user	DESIGNED - RJD/BJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL IMPROVEMENTS CROSS SECTIONS - GOLF ROAD TRAIL	SCALE: 1"=5'H 1"=25'V	SHEET NO. 58 OF 58 SHEETS	STA. 506+00 TO STA. 508+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5.00000' / IN.	CHECKED - MJF	REVISED -	08-00202-00-SW						COOK	118	118		
PLOT DATE = 9/29/2009	DATE - 5/28/09	REVISED -	CONTRACT NO. 63188										
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT:				