F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	99-00109-01-BT	DU PAGE	74	1
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

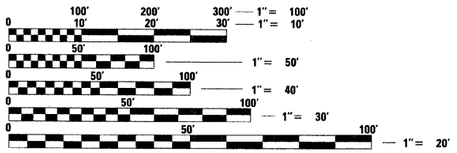
INDEX OF SHEETS

LIST OF STATE STANDARDS LOCATED ON SHEET NO. 2

PROJECT LOCATED IN THE CITY OF NAPERVILLE

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

CALL JULIE 1-800-892-0123
WITH THE FOLLOWING:
COUNTY DUPAGE & WILL
CITY-TOWNSHIP NAPERVILLE-LISLE & DUPAGE
SEC. & 1/4 SEC.NO. * N.E. 1/4 SEC 7, T37N R10E
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS



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.

CONTRACT NO. 83728

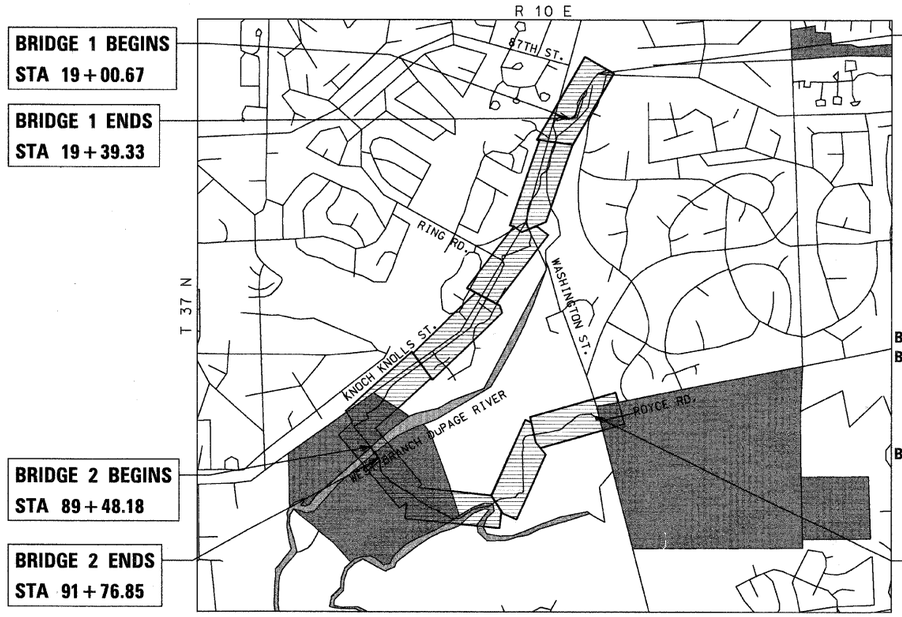
FIELD ENGINEER: MARILIN D. SOLOMON
201 W. CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
(847) 705-4407

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

NAPERVILLE
DuPAGE River Trail – Segment #4
SECTION No. 99–00109–01–BT
Washington St. and 87th St.
to Washington St. and Royce Rd.
BIKE TRAIL CONSTRUCTION
PROJECT No. ARA–CMM–8003 (888)

DuPAGE AND WILL COUNTY
C–91–645–09



BRIDGE 1 BEGINS
STA 19+00.67

BRIDGE 1 ENDS
STA 19+39.33

BRIDGE 2 BEGINS
STA 89+48.18

BRIDGE 2 ENDS
STA 91+76.85

PROJECT BEGINS
STA 10+86.01

PROJECT ENDS
STA 141+04.77

TRAFFIC DATA
ADT (YEAR) = N/A
SPEED LIMIT = N/A

BRIDGE INFORMATION
BRIDGE 1: CONSTRUCT 1 SPAN PREFABRICATED PEDESTRIAN TRUSS SUPERSTRUCTURE AND SOLID WEB PIERS

BRIDGE 2: CONSTRUCT 2 SPAN PREFABRICATED PEDESTRIAN TRUSS SUPERSTRUCTURE AND SOLID WEB PIERS

LOCATION MAP
N.T.S.

GROSS LENGTH OF PROJECT = 13200 FEET (2.5 MI)
NET LENGTH OF PROJECT = 13200 FEET (2.5 MI)

LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED March 24 20 09
Robert Bozwik
CITY OF NAPERVILLE Deputy
CITY ENGINEER

PASSED APRIL 08 2009
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW APRIL 08, 20 09
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

LEE M. FELL P.E. 3/25/09
ENGINEER DATE
ILLINOIS REGISTRATION No. 062-053708
EXPIRATION DATE: 11/2009

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/11

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / NOTE BOOK / NO. / CADD FILE NAME / BY / DATE

PROFILE — SURVEYED / PLOTTED / ELEVATIONS CHECKED / NOTE BOOK / NO. / STRUCTURE NO(S) / ATTN'S CHK'D / BY / DATE

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE 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" (IMUTCD), "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.

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

THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT. IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.

EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.

ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.

ALL UNUSED SIGNS WILL BE RETURNED TO THE CITY OR DISPOSED OF AS DIRECTED BY THE ENGINEER.

LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.

EARTH EXCAVATION

EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.

ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, WIDENING, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE PATH. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE CITY OF NAPERVILLE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION.

TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND – NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

THE CONTRACTOR MUST COORDINATE WITH THE CITY AND PROVIDE 72 HOURS ADVANCE NOTICE PRIOR TO CONSTRUCTION.

WORK WILL BE LIMITED FROM 7 A.M. TO 7 P.M., MONDAY THROUGH FRIDAY AND FROM 8 A.M. TO 5 P.M. ON SATURDAY. NO WORK MAY TAKE PLACE ON SUNDAY OR HOLIDAYS. ALSO ON MONDAY THROUGH FRIDAY, WORK ON WASHINGTON WILL BE LIMITED FROM 9 A.M. TO 3 P.M., INCLUDING ALL SET-UP AND TAKE-DOWN OF TRAFFIC CONTROL FOR ANY LANE CLOSURES. ONE LANE OF TRAVEL IN EACH DIRECTION MUST BE MAINTAINED AT ALL TIMES.

ANY SIDEWALK THAT IS BEING REMOVED FOR THE TRAIL INSTALLATION SHOULD NOT BE TAKEN OUT OF SERVICE UNTIL CLOSE TO WHEN THE TRAIL WILL BE CONSTRUCTED IN ITS PLACE.

CONTRACTOR TO BACKFILL THE TRAIL WITHIN TWO WEEKS OF PAVING THE PATH.

WHEN WORKING ALONG THE RIVER, SOUTH OF 87TH STREET, WITH EXCEPTION OF THE KILBURN-WARTELL EASEMENT ALONG WASHINGTON STREET, THE CONTRACTOR WILL NEED TO ACCESS THE SITE FROM THE NORTH NOT THROUGH THE KILBURN-WARTELL EASEMENT.

THE CONTRACTOR MUST FENCE OFF THE KILBURN-WARTELL EASEMENT AREA WHEN CONSTRUCTION ACTIVITIES ARE OCCURING IN THE EASEMENT.

ALL PLANTINGS MUST BE COORDINATED WITH AND APPROVED BY THE CITY OF NAPERVILLE BEFORE MATERIALS ARE ORDERED AND PRIOR TO PLANTING.

TREE TRUNK PROTECTION AND TREE ROOT PRUNING QUANTITIES ARE NOMINAL AND LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF NAPERVILLE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY OF NAPERVILLE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY OF NAPERVILLE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE CITY OF NAPERVILLE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, CABLE, TELEVISION FACILITIES, WATER, SANITARY AND STORM LOCATES AT 847-963-0500.

STAKING

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

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS. ELEVATIONS SHOWN AT POINT OF CURVE, ETC. ARE BACK OF CURB UNLESS OTHERWISE NOTED.

WATER, STORM SEWER AND SANITARY SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PATH.

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

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY OF NAPERVILLE.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY WATER DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

CONSTRUCTION WILL BE OCCURRING WITHIN ACTIVE NAPERVILLE PARK DISTRICT PARKS. COORDINATION WITH PARK ACTIVITIES WILL BE REQUIRED AND WILL INCLUDE INSTALLING TRAIL CLOSED SIGNS AT VARIOUS LOCATIONS AT THE DISCRETION OF THE PARK DISTRICT.

ACCESS LIMITS ARE DEFINED ON THE PLANS. THESE AREAS ARE INTENDED FOR INGRESS AND EGRESS ONLY AND MAY NOT BE USED FOR PARKING OF EQUIPMENT OR MANPOWER. THE CONTRACTOR MUST, AT ITS OWN COST, RESTORE THESE AREAS TO THEIR ORIGINAL CONDITION. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PUBLIC ACCESS AND PROVIDE PROPER TRAFFIC CONTROL FOR OPERATIONS WITHIN THE LIMITS OF ACCESS.

DURING THE CONSTRUCTION, THE CONTRACTOR MUST KEEP THE WORK SITE AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS, AND RUBBISH AS IS PRACTICABLE AND MUST REMOVE THEM ENTIRELY AT ONCE, IF IN THE OPINION OF THE CITY, THE MATERIAL, DEBRIS OR RUBBISH CONSTITUTES A NUISANCE, A SAFETY HAZARD, OR IS OBJECTIONABLE IN ANY WAY TO THE PUBLIC. UPON VERBAL AND/OR WRITTEN NOTIFICATION OF UNACCEPTABLE WORK DAY CONDITIONS BY THE CITY, YOU WILL BE RESPONSIBLE FOR IMMEDIATE REDEDICATION WITHIN 48 HOURS OF NOTIFICATION. YOUR FAILURE TO ACT ACCORDINGLY WILL RESULT IN COMPLETION OF REMEDIATION WORK BY THE CITY. THE COST OF THE WORK PERFORMED BY THE CITY WILL BE DEDUCTED FROM THE CONTRACT.

DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED AT ALL CROSSWALKS ADJACENT TO SIDEWALK AND SHARED USE PATH. THE CITY ALLOWS ONLY A RECTANGULAR DETECTABLE WARNING PATTERN.

ALL SAWCUTTING SHALL BE INCIDENTAL TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

ACCESS SHALL BE MAINTAINED AT ALL PROPERTIES WHERE PROPOSED TRAIL CROSSES AN EXISTING DRIVEWAY.

CONTRACTOR SHALL BE PAID FOR RESTORATION (SEED, SOD, TOPSOIL, EROSION BLANKET, ETC.) WITHIN THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS ONLY. ANY AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE CITY AT THE COST TO THE CONTRACTOR.

EROSION CONTROL

ALL EROSION CONTROL MEASURES AND COMPENSATORY STORAGE ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON THE SITE.

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
701301-03	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
B.L.R. 17-4	TRAFFIC CONTROL DEVICES – DAY LABOR CONSTRUCTION
B.L.R. 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND IDOT STANDARDS

SCALE: VERT. NOT TO SCALE / HORIZ.
DRAWN BY EDT
DATE 3/30/2009
CHECKED BY LMF

3/30/2009

N:\Naperville\070014\Civil\070014_not.pln

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	3
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

SUMMARY OF QUANTITES

Specialty Item	ITEM	DESCRIPTION	UNIT	Y047 QUANTITY
	20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	65
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	275
	20100500	TREE REMOVAL, ACRES	ACRE	0.42
	20101000	TEMPORARY FENCE	FOOT	490
*	20101200	TREE ROOT PRUNING	EACH	20
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20
	20200100	EARTH EXCAVATION	CU YD	8600
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	556
	20400800	FURNISHED EXCAVATION	CU YD	6700
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	26
	20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	266
	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	556
	20800150	TRENCH BACKFILL	CU YD	50
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2218
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	17100
*	25000310	SEEDING, CLASS 4	ACRE	5
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	545
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	545
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	545
*	25100115	MULCH, METHOD 2	ACRE	5
	25100630	EROSION CONTROL BLANKET	SQ YD	3200
*	25200110	SODDING, SALT TOLERANT	SQ YD	500
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	550
	28000400	PERIMETER EROSION BARRIER	FOOT	10808
	28100107	STONE RIPRAP, CLASS A4	SQ YD	305
	28200200	FILTER FABRIC	SQ YD	305
	35102100	AGGREGATE BASE COURSE, TYPE B, 9"	SQ YD	16677
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	TON	3150
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	75
	42400800	DETECTABLE WARNINGS	SQ FT	132
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	329
	44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	320
	44000600	SIDEWALK REMOVAL	SQ FT	11607
	50105220	PIPE CULVERT REMOVAL	FOOT	80
	50200100	STRUCTURE EXCAVATION	CU YD	885
	50300225	CONCRETE STRUCTURES	CU YD	309
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	45150
#	50901725	BICYCLE RAILING,SPECIAL	FOOT	201
	54200427	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE CULVERT PIPE 12"	FOOT	24
	54200430	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE CULVERT PIPE 15"	FOOT	24
	54200445	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE CULVERT PIPE 30"	FOOT	16
	54201279	PIPE CULVERTS, TYPE 2, REINFORCED CONCRETE CULVERT PIPE 24"	FOOT	64
	54207159	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	FOOT	16
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
	54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2
	54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	2
	54247100	GRATING FOR CONCRETE FLARED END SECTION 15"	EACH	2
	54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2
	54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	2
	54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND SIZE 24"	EACH	2
	56400400	FIRE HYDRANT TO BE RELOCATED	EACH	4
	60250200	CATCH BASIN TO BE ADJUSTED	EACH	1
	60255500	MANHOLES TO BE ADJUSTED	EACH	5
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3
	60603800	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	FOOT	320
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5
	67100100	MOBILIZATION	L. SUM	1

Specialty Item	ITEM	DESCRIPTION	UNIT	Y047 QUANTITY
	70102620	TRAFFIC CONTROL AND PROTECTION - 701501	L. SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION - 701701	L. SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION - 701801	L. SUM	1
	72000100	SIGN PANEL TYPE 1	SQ FT	6.75
	72400900	REMOVE SIGN PANEL	EACH	1
	72900100	METAL POST TYPE A	FOOT	36
*	78001110	PAINT PAVEMENT MARKING LINE, 4"	FOOT	12564
*	78000600	THERMOPLASTIC PAVEMENT MARKING LINE, 12"	FOOT	366
*	81400115	HANDHOLE TO BE ADJUSTED	EACH	3
	X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	100
*	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE (BRIDGE 1 AND 2)	SQ FT	3304
*	X0322853	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	545
	X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
	X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
	X5020503	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 3	EACH	1
	X5020504	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 4	EACH	1
	Z0013798	CONSTRUCTION LAYOUT	L. SUM	1
Δ	Z0076600	TRAINEES	HOUR	500
*	A2002320	TREE, BETULA NIGRA (RIVER BIRCH), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	5
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	12
*	A2005820	TREE, PLATANUS OCCIDENTALIS (SYCAMORE) 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	3
*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK) 2" CALIPER, BALLED AND BURLAPPED	EACH	11
*	B2005720	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	19
*	B2010016	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2
*	K1005875	TREE TRANSPLANT	EACH	9
	XX000613	MODULAR BLOCK RETAINING WALL	SQ FT	1200
*	XX002185	RELOCATE EXISTING LIGHT POLE	EACH	5
	XX006066	SIGN TO BE RELOCATED	EACH	1
*	XX007657	TRAIL TREE ROOT BARRIER	FOOT	6490
	XX007983	AGGREGATE FOR TEMPORARY ACCESS	EACH	13
*	K1005460	SHADE MIX SEEDING	SQ YD	3200
	XX007981	TEMPORARY FENCE, 6-FOOT CHAIN LINK	FOOT	425
	XX007982	PRECAST CONCRETE BOX CULVERT, 6' X 1'	FOOT	22
*	25000830	HYDRAULIC SEEDING	ACRE	5

• INDICATES SPECIALITY ITEM

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITES

SCALE: VERT. NOT TO SCALE HORIZ.
DRAWN BY EDT
DATE 3/30/2009
CHECKED BY LMF

PLAN: SURVEYED, PLOTED, ALL DATA CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTED, ALL DATA CHECKED, B.M. NOTED, STRUCTURE NO., BY, DATE

3/30/2009

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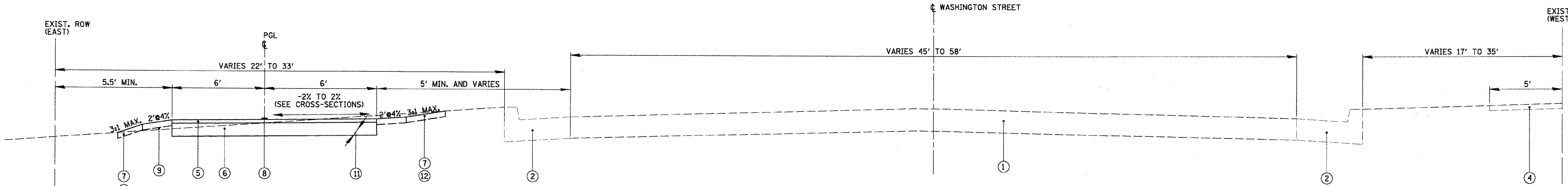
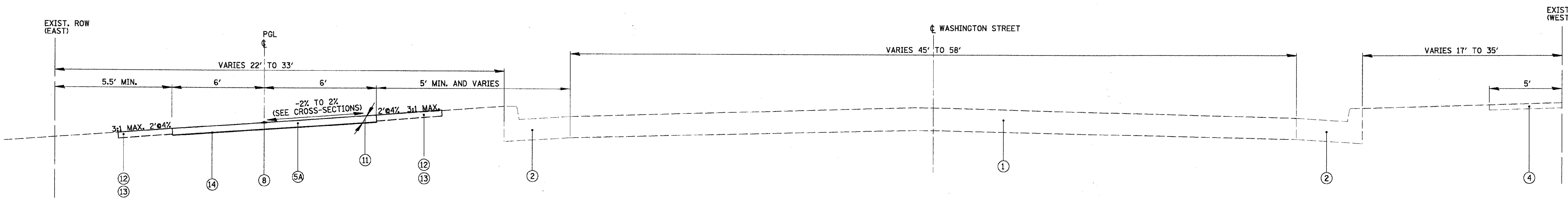
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	4
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

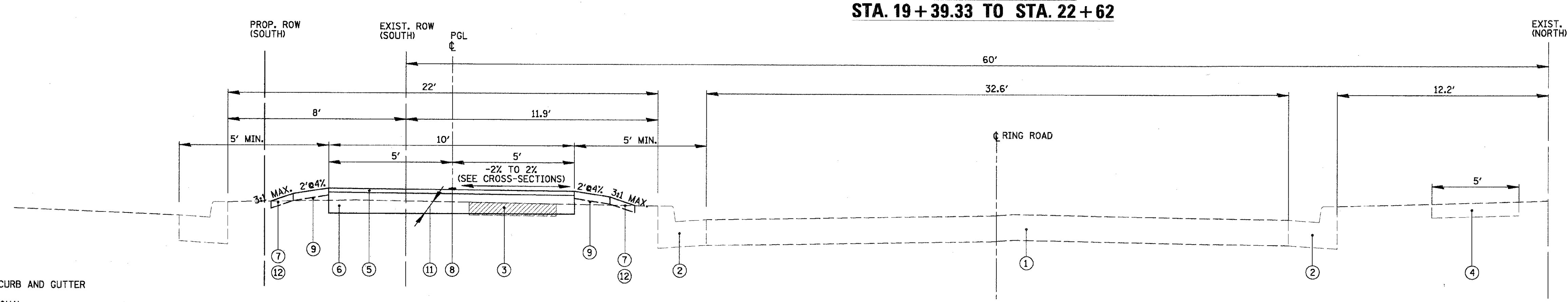
CONTRACT No. 83728



EXISTING/PROPOSED TYPICAL SECTION
WASHINGTON STREET
STA. 10 + 86.01 TO 19 + 00.67
BRIDGE OMISSION STA. 19 + 00.67 TO STA. 19 + 39.33
STA. 22 + 62 TO 42 + 77.45



EXISTING/PROPOSED TYPICAL SECTION
WASHINGTON STREET
STA. 19 + 39.33 TO STA. 22 + 62



EXISTING/PROPOSED TYPICAL SECTION
RING ROAD
STA. 43 + 53.34 TO STA. 46 + 89.76

LEGEND

1. EXISTING PAVEMENT
2. EXISTING COMBINATION CURB AND GUTTER
3. EXISTING SIDEWALK REMOVAL
4. EXISTING SIDEWALK
5. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX"C", N50 - 3"
5A. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX"C", N50 - 6" (MINIMUM 2 LIFTS)
6. PROPOSED AGGREGATE BASE COURSE TYPE B, 9"
7. PROPOSED HYDRO SEEDING, CLASS 3 W/ MULCH, METHOD 2
8. PROPOSED PAINT PAVEMENT MARKING - LINE 4", YELLOW
9. PROPOSED EMBANKMENT (INCIDENTAL TO EARTH EXCAVATION OR PAID FOR AS FURNISHED EXCAVATION)
10. PROPOSED SHADE MIX AND EROSION CONTROL BLANKET
11. EARTH EXCAVATION
12. TOPSOIL EXCAVATION AND PLACEMENT, 4"
13. SODDING, SALT TOLERANT
14. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

HOT-MIX ASPHALT REQUIREMENTS		
ITEM	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50-3" (IL-9.5mm)	PG 64-22	4%@50 GYR

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

2. POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGE AND GROUND FABRIC FOR GROUND STABILIZATION. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND CONSTRUCTION DETAILS

SCALE: VERT. HORIZ. NOT TO SCALE
DATE 3/30/2009
DRAWN BY EDT
CHECKED BY LMF

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.L. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.; BY; DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. CHECKED, STRUCTURE NOTAT'NS CHK'D, NOTE BOOK, NO.; BY; DATE

3/30/2009

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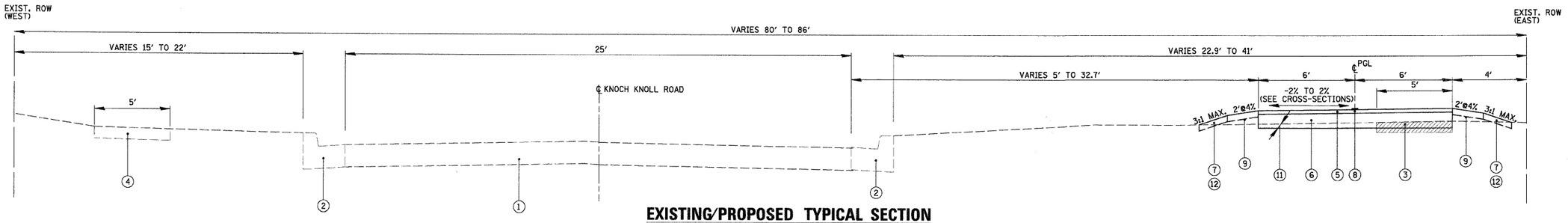
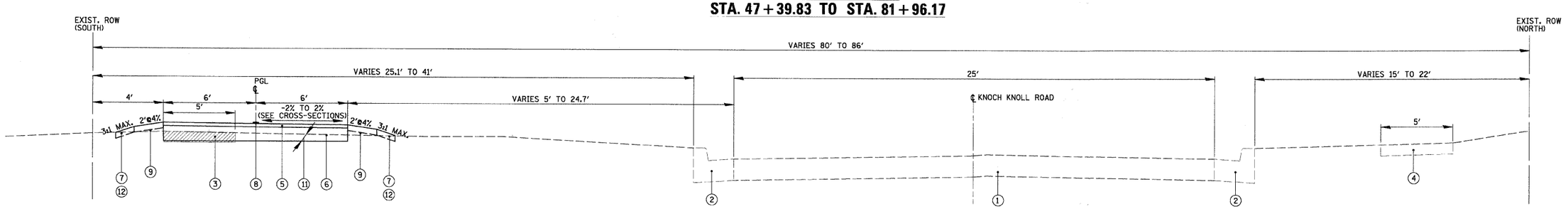
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	5
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

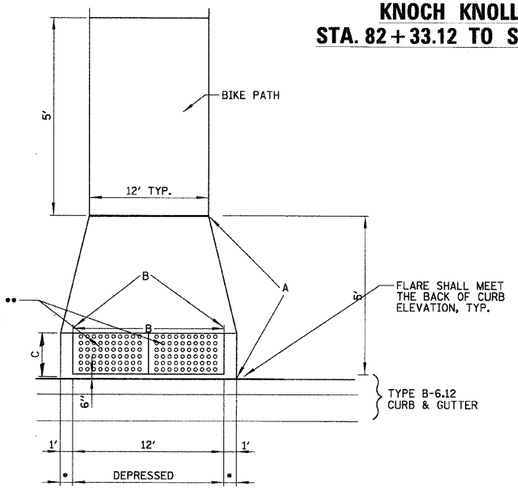
CONTRACT No. 83728

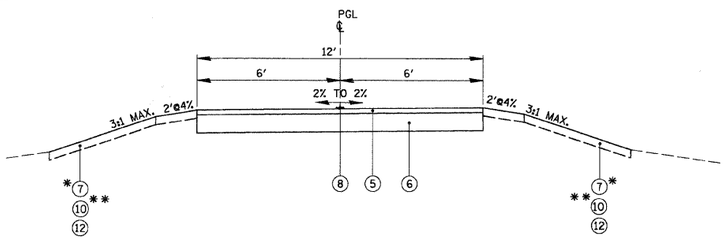


EXISTING/PROPOSED TYPICAL SECTION
KNOCH KNOLL ROAD
STA. 47+39.83 TO STA. 81+96.17



EXISTING/PROPOSED TYPICAL SECTION
KNOCH KNOLL ROAD
STA. 82+33.12 TO STA. 85+37.41





EXISTING/PROPOSED TYPICAL SECTION
FOR PARK AREAS
STA. 85+37.41 TO STA. 89+30.31
BRIDGE OMISSION STA. 89+30.31 TO STA. 91+56.98
STA. 91+56.98 TO STA. 140+78.41

** THRU PARK STA. 91+72.06 TO STA. 120+00
* STA. 85+37.41 TO STA. 89+30.31
* STA. 120+00 TO STA. 140+78.41

LEGEND

1. EXISTING PAVEMENT
2. EXISTING COMBINATION CURB AND GUTTER
3. EXISTING SIDEWALK REMOVAL
4. EXISTING SIDEWALK
5. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX"C", N50 - 3"
5A. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX"C", N50 - 6" (MINIMUM 2 LIFTS)
6. PROPOSED AGGREGATE BASE COURSE TYPE B, 9"
7. PROPOSED HYDRO SEEDING, CLASS 3 W/ MULCH, METHOD 2
8. PROPOSED PAINT PAVEMENT MARKING - LINE 4", YELLOW
9. PROPOSED EMBANKMENT (INCIDENTAL TO EARTH EXCAVATION OR PAID FOR AS FURNISHED EXCAVATION)
10. PROPOSED SHADE MIX AND EROSION CONTROL BLANKET
11. EARTH EXCAVATION
12. TOPSOIL EXCAVATION AND PLACEMENT, 4"
13. SODDING, SALT TOLERANT
14. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

• 1' TRANSITION FROM DEPRESSED CURB AND GUTTER TO FULL HEIGHT CURB AND GUTTER

•• METAL PANEL APPROVED EQUAL DETECTABLE WARNING PLATES (SEE SPECIAL PROVISION), COLOR SELECTED BY THE CITY

A = 1/2 " PREFORMED EXPANSION JOINT (TYP.)

B = TOOLED OR SAWED CONTRACTION JOINT

C= MATCH WIDTH OF PANEL

ADA RAMP AT BIKE PATH
NOT TO SCALE

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND CONSTRUCTION DETAILS

SCALE: VERT. NOT TO SCALE HORIZ.
DRAWN BY EDT
DATE 3/30/2009
CHECKED BY LMF

PLAN: SURFACED, PLOTTED, ALIGNMENT CHECKED, PLAN APPROVED, CADD FILE NAME, NOTE BOOK, NO.

PROFILE: SURFACED, PLOTTED, GRADES CHECKED, R.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO.

BY DATE

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	6
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

SCALE 1" = 100'
0 100 200

PLAN
SURVEYED BY
DRAWN BY
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE BY

PROFILE
APPROVED
PLOTTED
GRADES CHECKED
STRUCTURE NO'S CHKD
NOTE BOOK
NO.
DATE BY

PROP. CURVE ALI01-1
PI STA. = 11+39.09
Δ = 13° 12′ 41″ (LT)
D = 5° 41′ 03″
R = 1,008.00′
T = 116.73′
L = 232.42′
E = 6.74′
P.C. STA = 10+22.36
P.T. STA = 12+54.78

PROP. CURVE ALI01-2
PI STA. = 15+58.81
Δ = 14° 03′ 42″ (LT)
D = 11° 16′ 43″
R = 508.00′
T = 62.65′
L = 124.67′
E = 3.85′
P.C. STA = 14+96.15
P.T. STA = 16+20.83

PROP. CURVE ALI01-3
PI STA. = 18+43.16
Δ = 85° 47′ 54″ (RT)
D = 59° 40′ 59″
R = 96.00′
T = 89.21′
L = 143.76′
E = 35.05′
P.C. STA = 17+53.95
P.T. STA = 18+97.71

PROP. CURVE ALI01-4
PI STA. = 19+80.72
Δ = 5° 52′ 57″ (LT)
D = 47° 44′ 47″
R = 120.00′
T = 6.17′
L = 12.32′
E = 0.16′
P.C. STA = 19+74.55
P.T. STA = 19+86.87

PROP. CURVE ALI01-5
PI STA. = 20+20.13
Δ = 8° 25′ 19″ (RT)
D = 47° 44′ 47″
R = 120.00′
T = 8.84′
L = 17.64′
E = 0.32′
P.C. STA = 20+11.30
P.T. STA = 20+28.94

PROP. CURVE ALI01-6
PI STA. = 20+71.46
Δ = 79° 54′ 13″ (LT)
D = 190° 59′ 09″
R = 30.00′
T = 25.13′
L = 41.84′
E = 9.13′
P.C. STA = 20+46.33
P.T. STA = 20+88.16

PROP. CURVE ALI01-7
PI STA. = 21+16.54
Δ = 13° 30′ 03″ (RT)
D = 114° 35′ 30″
R = 50.00′
T = 5.92′
L = 11.78′
E = 0.35′
P.C. STA = 21+10.62
P.T. STA = 21+22.40

PROP. CURVE ALI01-8
PI STA. = 21+49.11
Δ = 13° 30′ 03″ (LT)
D = 114° 35′ 30″
R = 50.00′
T = 5.92′
L = 11.78′
E = 0.35′
P.C. STA = 21+43.19
P.T. STA = 21+54.97

PROP. CURVE ALI01-9
PI STA. = 22+49.62
Δ = 45° 52′ 50″ (LT)
D = 143° 14′ 22″
R = 40.00′
T = 16.93′
L = 32.03′
E = 3.44′
P.C. STA = 22+32.69
P.T. STA = 22+64.72

PROP. CURVE ALI01-10
PI STA. = 24+54.61
Δ = 43° 57′ 54″ (RT)
D = 14° 19′ 26″
R = 400.00′
T = 161.47′
L = 306.93′
E = 31.36′
P.C. STA = 22+93.15
P.T. STA = 26+00.08

PROP. CURVE ALI01-11
PI STA. = 27+54.93
Δ = 18° 08′ 55″ (LT)
D = 12° 43′ 57″
R = 450.00′
T = 71.87′
L = 142.54′
E = 5.70′
P.C. STA = 26+83.06
P.T. STA = 28+25.59

PROP. CURVE ALI01-12
PI STA. = 29+05.53
Δ = 32° 43′ 57″ (RT)
D = 45° 28′ 22″
R = 126.00′
T = 37.00′
L = 71.98′
E = 5.32′
P.C. STA = 28+68.52
P.T. STA = 29+40.51

PROP. CURVE ALI01-13
PI STA. = 29+92.04
Δ = 26° 36′ 55″ (RT)
D = 57° 17′ 45″
R = 100.00′
T = 23.65′
L = 46.45′
E = 2.76′
P.C. STA = 29+68.39
P.T. STA = 30+14.84

PROP. CURVE ALI01-14
PI STA. = 30+94.34
Δ = 64° 36′ 48″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 63.23′
L = 112.77′
E = 18.32′
P.C. STA = 30+31.11
P.T. STA = 31+43.88

PROP. CURVE ALI01-15
PI STA. = 32+57.13
Δ = 26° 52′ 03″ (RT)
D = 19° 05′ 55″
R = 300.00′
T = 71.66′
L = 140.68′
E = 8.44′
P.C. STA = 31+85.47
P.T. STA = 33+26.15

PROP. CURVE ALI01-16
PI STA. = 34+00.50
Δ = 17° 04′ 15″ (RT)
D = 19° 05′ 55″
R = 300.00′
T = 45.03′
L = 89.38′
E = 3.36′
P.C. STA = 33+55.48
P.T. STA = 34+44.86

PROP. CURVE ALI01-17
PI STA. = 35+45.09
Δ = 28° 34′ 51″ (LT)
D = 19° 05′ 55″
R = 300.00′
T = 76.42′
L = 149.65′
E = 9.58′
P.C. STA = 34+68.67
P.T. STA = 36+18.32

PROP. CURVE ALI01-18
PI STA. = 37+12.61
Δ = 10° 48′ 19″ (LT)
D = 16° 22′ 13″
R = 350.00′
T = 33.10′
L = 66.01′
E = 1.56′
P.C. STA = 36+79.51
P.T. STA = 37+45.52

PROP. CURVE ALI01-19
PI STA. = 39+13.29
Δ = 26° 48′ 23″ (LT)
D = 28° 38′ 52″
R = 200.00′
T = 47.66′
L = 93.57′
E = 5.60′
P.C. STA = 38+65.63
P.T. STA = 39+59.20

ELEVATION BENCHMARKS DATUM:NAVD '88 (NAPERVILLE DATUM)		
NO.	DESCRIPTION	ELEV.
233	NAPERVILLE MONUMENT 233 -BERNSTEN	646.77
	MONUMENT ON WEST SIDE OF WASHINGTON ST.	
	NORTH OF COUNTY LINE ANIMAL HOSPITAL	
OSBM 07-3	MINI RAILROAD SPIKE IN 18" TREE NORTH OF PATH IN WOODS NORTH OF WEST BRANCH DUPAGE RIVER	644.28
		650.57
OSBM 07-4	MINI RAILROAD SPIKE IN NORTH FACE OF LIGHT POLE AT SOUTHWEST CORNER OF PARKING LOT IN KNOCH KNOLLS PARK JUST NORTH OF WEST BRANCH DUPAGE RIVER	634.89

ADD 0.33 TO CONVERT TO FEMA DATUM (NGVD 1929)
ADD 0.38 TO CONVERT TO DUPAGE COUNTY DATUM (NGVD 1929)

HORIZONTAL CONTROL POINTS

△	CP NO	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION	STATION	OFFSET
CP-REBAR	1024	1843532.15	1039855.84	643.04	REBAR	15+21.37	1.04 LT
CP-XCUT	1361	1843556.22	1039711.13	643.99	XCUT	15+56.21	140.29 RT
CP-REBAR	1023	1843293.36	1039675.65	641.64	REBAR	19+02.53	49.04 RT
CP-REBAR	7069	1843291.27	1039476.86	648.42	REBAR	20+74.46	33.32 RT
CP-PK	1455	1843424.76	1039294.13	655.33	PK	20+80.32	258.07 RT
CP-REBAR	2142	1842997.40	1039358.80	650.64	REBAR	23+44.65	93.35 RT
CP-REBAR	2141	1842586.22	1039207.75	653.44	REBAR	28+11.31	161.62 RT
CP-REBAR	2140	1842110.92	1038974.50	659.78	REBAR	34+75.09	173.52 RT
CP-XCUT	6637	1841695.08	1038877.61	658.53	XCUT	38+04.46	131.20 RT

HORIZONTAL CONTROL POINTS

△	CP NO	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION	STATION	OFFSET
CP-REBAR	2139	1841669.06	1038956.45	655.13	REBAR	38+25.60	50.91 RT
CP-XCUT	2138	1841182.17	1038953.27	648.51	XCUT	44+02.49	1.71 RT
CP-XCUT	6556	1841127.34	1038214.07	659.56	XCUT	47+67.96	403.37 RT
CP-REBAR	2137	1840848.34	1038624.41	656.43	REBAR	49+90.48	13.43 LT
CP-REBAR	2136	1840398.08	1038391.78	655.75	REBAR	54+95.27	16.01 LT
CP-REBAR	2135	1839953.06	1038155.61	653.95	REBAR	59+98.98	26.86 LT
CP-REBAR	2134	1839606.48	1037801.43	651.79	REBAR	64+81.33	70.17 LT
CP-REBAR	2133	1839314.98	1037389.20	656.43	REBAR	69+86.16	62.69 LT
CP-REBAR	2132	1839072.62	1036935.28	646.13	REBAR	74+94.94	10.82 RT

PROP. CURVE ALI01-20
PI STA. = 41+30.60
Δ = 48° 08′ 37″ (RT)
D = 38° 11′ 50″
R = 150.00′
T = 67.01′
L = 126.04′
E = 14.29′
P.C. STA = 40+63.59
P.T. STA = 41+89.63

PROP. CURVE ALI01-21
PI STA. = 42+35.55
Δ = 47° 10′ 45″ (LT)
D = 106° 06′ 12″
R = 54.00′
T = 23.58′
L = 44.47′
E = 4.92′
P.C. STA = 42+11.97
P.T. STA = 42+56.43

PROP. CURVE ALI01-22
PI STA. = 46+53.74
Δ = 14° 58′ 02″ (RT)
D = 8° 48′ 53″
R = 650.00′
T = 85.38′
L = 169.80′
E = 5.58′
P.C. STA = 45+68.36
P.T. STA = 47+38.15

PROP. CURVE ALI01-23
PI STA. = 47+65.64
Δ = 92° 17′ 50″ (LT)
D = 572° 57′ 28″
R = 10.00′
T = 10.41′
L = 16.11′
E = 4.43′
P.C. STA = 47+55.23
P.T. STA = 47+71.34

PROP. CURVE ALI01-24
PI STA. = 48+55.02
Δ = 19° 10′ 17″ (LT)
D = 114° 35′ 30″
R = 50.00′
T = 8.44′
L = 16.73′
E = 0.71′
P.C. STA = 48+46.57
P.T. STA = 48+63.30

PROP. CURVE ALI01-25
PI STA. = 49+06.30
Δ = 61° 49′ 51″ (RT)
D = 127° 19′ 26″
R = 45.00′
T = 26.95′
L = 48.56′
E = 7.45′
P.C. STA = 48+79.35
P.T. STA = 49+27.91

PROP. CURVE ALI01-26
PI STA. = 49+61.26
Δ = 17° 24′ 28″ (LT)
D = 88° 08′ 50″
R = 65.00′
T = 9.95′
L = 19.75′
E = 0.76′
P.C. STA = 49+51.31
P.T. STA = 49+71.06

PROP. CURVE ALI01-27
PI STA. = 50+30.40
Δ = 15° 50′ 28″ (RT)
D = 54° 03′ 09″
R = 106.00′
T = 14.75′
L = 29.31′
E = 1.02′
P.C. STA = 50+15.65
P.T. STA = 50+44.96

PROP. CURVE ALI01-28
PI STA. = 51+47.38
Δ = 3° 10′ 00″ (LT)
D = 7° 38′ 22″
R = 750.00′
T = 20.73′
L = 41.45′
E = 0.29′
P.C. STA = 51+26.65
P.T. STA = 51+68.10

PROP. CURVE ALI01-29
PI STA. = 55+55.95
Δ = 2° 22′ 53″ (LT)
D = 11° 19′ 24″
R = 506.00′
T = 10.52′
L = 21.03′
E = 0.11′
P.C. STA = 55+45.43
P.T. STA = 55+66.46

PROP. CURVE ALI01-30
PI STA. = 56+02.51
Δ = 8° 56′ 19″ (RT)
D = 27° 48′ 49″
R = 206.00′
T = 16.10′
L = 32.14′
E = 0.63′
P.C. STA = 55+86.41
P.T. STA = 56+18.55

PROP. CURVE ALI01-31
PI STA. = 56+64.38
Δ = 5° 30′ 56″ (LT)
D = 11° 19′ 24″
R = 506.00′
T = 24.37′
L = 48.71′
E = 0.59′
P.C. STA = 56+40.01
P.T. STA = 56+88.72

PROP. CURVE ALI01-32
PI STA. = 60+39.27
Δ = 23° 31′ 50″ (RT)
D = 54° 03′ 09″
R = 106.00′
T = 22.08′
L = 43.53′
E = 2.27′
P.C. STA = 60+17.19
P.T. STA = 60+60.72

PROP. CURVE ALI01-33
PI STA. = 62+59.48
Δ = 2° 20′ 25″ (LT)
D = 11° 19′ 24″
R = 506.00′
T = 10.34′
L = 20.67′
E = 0.11′
P.C. STA = 62+49.15
P.T. STA = 62+69.82

PROP. CURVE ALI01-34
PI STA. = 63+05.78
Δ = 3° 44′ 29″ (RT)
D = 11° 19′ 24″
R = 506.00′
T = 16.53′
L = 33.04′
E = 0.27′
P.C. STA = 62+89.26
P.T. STA = 63+22.30

PROP. CURVE ALI01-35
PI STA. = 74+79.51
Δ = 5° 40′ 05″ (LT)
D = 9° 18′ 05″
R = 616.00′
T = 30.49′
L = 60.94′
E = 0.75′
P.C. STA = 74+49.02
P.T. STA = 75+09.96

PROP. CURVE ALI01-36
PI STA. = 75+80.45
Δ = 8° 21′ 35″ (LT)
D = 11° 19′ 24″
R = 506.00′
T = 36.98′
L = 73.83′
E = 1.35′
P.C. STA = 75+43.47
P.T. STA = 76+17.30

PROP. CURVE ALI01-37
PI STA. = 76+85.80
Δ = 24° 19′ 05″ (LT)
D = 88° 08′ 50″
R = 65.00′
T = 14.00′
L = 27.59′
E = 1.49′
P.C. STA = 76+71.80
P.T. STA = 76+99.38

PROP. CURVE ALI01-38
PI STA. = 77+22.58
Δ = 14° 10′ 50″ (RT)
D = 88° 08′ 50″
R = 65.00′
T = 8.08′
L = 16.09′
E = 0.50′
P.C. STA = 77+14.50
P.T. STA = 77+30.59

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT, TIES AND BENCHMARKS

SCALE: VERT.
HORIZ. 1" = 100'
DATE 3/30/2009
DRAWN BY EDT
CHECKED BY LMF

3/30/2009
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	7
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

ELEVATION BENCHMARKS
DATUM: NAVD '88 (NAPERVILLE DATUM)

NO.	DESCRIPTION	ELEV.
233	NAPERVILLE MONUMENT 233 -BERNSTEN	646.77
	MONUMENT ON WEST SIDE OF WASHINGTON ST.	
	NORTH OF COUNTY LINE ANIMAL HOSPITAL	
OSBM 07-3	MINI RAILROAD SPIKE IN 18" TREE NORTH OF PATH IN WOODS NORTH OF WEST BRANCH DUPAGE RIVER	644.25
OSBM 07-4	MINI RAILROAD SPIKE IN NORTH FACE OF LIGHT POLE AT SOUTHWEST CORNER OF PARKING LOT IN KNOCH KNOLLS PARK JUST NORTH OF WEST BRANCH DUPAGE RIVER	650.57 634.89

ADD 0.33 TO CONVERT TO FEMA DATUM (NGVD 1929)
ADD 0.38 TO CONVERT TO DUPAGE COUNTY DATUM (NGVD 1929)

SCALE 1" = 100'
0 100 200

HORIZONTAL CONTROL POINTS

△	CP NO	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION	STATION	OFFSET
CP-XCUT	2131	1838656.10	1036733.23	638.81	XCUT	79+44.71	69.48 LT
CP-REBAR	1027	1838086.16	1036640.01	634.03	REBAR	89+75.78	109.97 LT
CP-PK	5102	1837849.44	1036685.39	634.33	PK	91+93.89	7.90 LT
CP-REBAR	2143	1837642.46	1036707.56	656.99	REBAR	93+99.96	3.36 RT
CP-REBAR	2144	1837470.94	1036887.32	646.13	XCUT	96+50.58	6.15 RT
CP-PK	5099	1837368.39	1037084.22	653.22	PK	98+73.90	7.05 LT
CP-REBAR	2145	1837275.61	1037232.59	652.57	REBAR	100+46.94	9.86 LT
CP-PK	5302	1837118.56	1037431.97	653.95	PK	103+03.39	5.67 RT
CP-REBAR	2146	1837051.45	1037586.18	650.03	REBAR	104+71.79	8.21 LT
CP-PK	1134	1837062.72	1037754.37	645.26	PK	106+12.62	96.93 LT
CP-REBAR	2147	1836914.81	1037813.54	645.21	REBAR	107+37.58	4.86 LT
CP-REBAR	1015	1836903.57	1037949.73	642.27	REBAR	108+74.11	7.62 RT
CP-REBAR	1016	1837080.55	1038190.89	644.79	REBAR	111+70.66	8.30 LT
CP-REBAR	2148	1837119.48	1038415.33	638.91	REBAR	113+99.71	6.62 LT
CP-REBAR	2149	1837226.83	1038578.14	639.49	REBAR	115+95.25	7.20 LT
CP-REBAR	2150	1837247.27	1038838.64	634.08	REBAR	118+48.69	16.76 RT
CP-REBAR	5641	1837255.99	1038833.69	634.08	REBAR	118+49.67	6.80 RT
CP-REBAR	2151	1837446.08	1038969.26	639.52	REBAR	121+14.41	14.48 RT
CP-REBAR	2152	1838020.28	1038941.60	658.46	REBAR	126+88.06	11.04 LT
CP-REBAR	2153	1838199.85	1038964.46	660.66	REBAR	128+68.99	11.13 LT
CP-REBAR	2154	1838327.89	1039613.19	657.37	REBAR	135+12.09	39.18 RT
CP-XCUT	4976	1838432.23	1040004.21	656.31	XCUT	141+54.10	108.84 RT
CP-REBAR	2155	1838451.33	1040112.77	660.18	REBAR	141+54.10	1.22 LT

PROP. CURVE ALI01-39
PI STA. =86+21.52
Δ =6° 52′ 39″ (LT)
D =45° 58′ 45″
R =124.61′
T =7.49′
L =14.96′
E =0.22′
P.C. STA =86+14.03
P.T. STA =86+28.99

PROP. CURVE ALI01-40
PI STA. =86+61.19
Δ =23° 19′ 30″ (RT)
D =36° 43′ 41″
R =156.00′
T =32.20′
L =63.51′
E =3.29′
P.C. STA =86+28.99
P.T. STA =86+92.50

PROP. CURVE ALI01-41
PI STA. =87+24.12
Δ =15° 00′ 00″ (LT)
D =57° 17′ 45″
R =100.00′
T =13.17′
L =26.18′
E =0.86′
P.C. STA =87+10.95
P.T. STA =87+37.13

PROP. CURVE ALI01-42
PI STA. =88+75.75
Δ =15° 00′ 00″ (LT)
D =57° 17′ 45″
R =100.00′
T =13.17′
L =26.18′
E =0.86′
P.C. STA =88+62.59
P.T. STA =88+88.77

PROP. CURVE ALI01-43
PI STA. =89+21.49
Δ =18° 50′ 28″ (RT)
D =57° 17′ 45″
R =100.00′
T =16.59′
L =32.88′
E =1.37′
P.C. STA =89+04.90
P.T. STA =89+37.78

PROP. CURVE ALI01-44
PI STA. =92+19.48
Δ =32° 59′ 25″ (RT)
D =54° 03′ 09″
R =106.00′
T =31.39′
L =61.03′
E =4.55′
P.C. STA =91+88.09
P.T. STA =92+49.12

PROP. CURVE ALI01-45
PI STA. =94+18.33
Δ =57° 27′ 53″ (LT)
D =54° 03′ 09″
R =106.00′
T =58.11′
L =106.31′
E =14.88′
P.C. STA =93+60.22
P.T. STA =94+66.53

PROP. CURVE ALI01-46
PI STA. =95+37.11
Δ =30° 56′ 07″ (RT)
D =57° 17′ 45″
R =100.00′
T =27.67′
L =53.99′
E =3.76′
P.C. STA =95+09.44
P.T. STA =95+63.43

PROP. CURVE ALI01-47
PI STA. =96+10.39
Δ =33° 03′ 56″ (LT)
D =54° 03′ 09″
R =106.00′
T =31.46′
L =61.17′
E =4.57′
P.C. STA =95+78.93
P.T. STA =96+40.10

PROP. CURVE ALI01-48
PI STA. =97+43.15
Δ =11° 10′ 52″ (RT)
D =27° 48′ 49″
R =206.00′
T =20.16′
L =40.20′
E =0.98′
P.C. STA =97+22.99
P.T. STA =97+63.19

PROP. CURVE ALI01-49
PI STA. =98+20.30
Δ =12° 48′ 51″ (LT)
D =21° 32′ 23″
R =266.00′
T =29.87′
L =59.49′
E =1.67′
P.C. STA =97+90.44
P.T. STA =98+49.93

PROP. CURVE ALI01-50
PI STA. =99+45.94
Δ =11° 12′ 48″ (RT)
D =27° 48′ 49″
R =206.00′
T =20.22′
L =40.32′
E =0.99′
P.C. STA =99+25.72
P.T. STA =99+66.03

PROP. CURVE ALI01-51
PI STA. =100+40.16
Δ =10° 30′ 17″ (RT)
D =27° 48′ 49″
R =206.00′
T =18.94′
L =37.77′
E =0.87′
P.C. STA =100+21.23
P.T. STA =100+59.00

PROP. CURVE ALI01-52
PI STA. =101+19.62
Δ =18° 36′ 33″ (LT)
D =22° 55′ 06″
R =250.00′
T =40.96′
L =81.20′
E =3.33′
P.C. STA =100+78.66
P.T. STA =101+59.86

PROP. CURVE ALI01-53
PI STA. =102+54.13
Δ =3° 30′ 37″ (RT)
D =5° 43′ 46″
R =1,000.00′
T =30.64′
L =61.27′
E =0.47′
P.C. STA =102+23.49
P.T. STA =102+84.76

PROP. CURVE ALI01-54
PI STA. =103+98.44
Δ =9° 37′ 51″ (LT)
D =14° 19′ 26″
R =400.00′
T =33.70′
L =67.24′
P.C. STA =103+64.74
P.T. STA =104+31.98

PROP. CURVE ALI01-55
PI STA. =104+93.29
Δ =6° 03′ 09″ (RT)
D =19° 05′ 55″
R =300.00′
T =15.86′
L =31.69′
E =0.42′
P.C. STA =104+77.43
P.T. STA =105+09.12

PROP. CURVE ALI01-56
PI STA. =106+75.80
Δ =10° 54′ 57″ (RT)
D =28° 38′ 52″
R =200.00′
T =19.11′
L =38.10′
E =0.91′
P.C. STA =106+56.69
P.T. STA =106+94.79

PROP. CURVE ALI01-57
PI STA. =107+39.00
Δ =40° 16′ 20″ (LT)
D =114° 35′ 30″
R =50.00′
T =18.33′
L =35.14′
P.C. STA =107+20.67
P.T. STA =107+55.81

PROP. CURVE ALI01-58
PI STA. =108+11.89
Δ =2° 40′ 43″ (RT)
D =11° 27′ 33″
R =500.00′
T =11.69′
L =23.38′
E =0.14′
P.C. STA =108+00.20
P.T. STA =108+23.58

PROP. CURVE ALI01-59
PI STA. =108+83.69
Δ =45° 16′ 33″ (LT)
D =54° 03′ 09″
R =106.00′
T =44.21′
L =83.76′
E =8.85′
P.C. STA =108+39.49
P.T. STA =109+23.25

PROP. CURVE ALI01-60
PI STA. =109+87.04
Δ =16° 13′ 14″ (RT)
D =57° 17′ 45″
R =100.00′
T =14.25′
L =28.31′
E =1.01′
P.C. STA =109+72.79
P.T. STA =110+01.10

PROP. CURVE ALI01-61
PI STA. =110+23.13
Δ =7° 06′ 06″ (LT)
D =57° 17′ 45″
R =100.00′
T =6.21′
L =12.39′
E =0.19′
P.C. STA =110+16.93
P.T. STA =110+29.32

PROP. CURVE ALI01-62
PI STA. =111+68.70
Δ =25° 20′ 39″ (RT)
D =28° 38′ 52″
R =200.00′
T =44.97′
L =88.47′
E =4.99′
P.C. STA =111+23.73
P.T. STA =112+12.20

PROP. CURVE ALI01-63
PI STA. =113+16.19
Δ =4° 42′ 21″ (RT)
D =11° 27′ 33″
R =500.00′
T =20.54′
L =41.07′
E =0.42′
P.C. STA =112+95.64
P.T. STA =113+36.71

PROP. CURVE ALI01-64
PI STA. =113+90.78
Δ =35° 12′ 12″ (LT)
D =47° 44′ 47″
R =120.00′
T =38.07′
L =73.73′
E =5.89′
P.C. STA =113+52.71
P.T. STA =114+26.44

PROP. CURVE ALI01-65
PI STA. =115+26.62
Δ =13° 54′ 37″ (RT)
D =54° 03′ 09″
R =106.00′
T =12.93′
L =25.73′
E =0.79′
P.C. STA =115+13.69
P.T. STA =115+39.42

PROP. CURVE ALI01-66
PI STA. =116+14.24
Δ =18° 05′ 07″ (RT)
D =28° 38′ 52″
R =200.00′
T =31.83′
L =63.13′
E =2.52′
P.C. STA =115+82.41
P.T. STA =116+45.54

PROP. CURVE ALI01-67
PI STA. =117+16.89
Δ =3° 37′ 16″ (RT)
D =9° 32′ 57″
R =600.00′
T =18.97′
L =37.92′
E =0.30′
P.C. STA =116+97.93
P.T. STA =117+35.85

PROP. CURVE ALI01-68
PI STA. =118+47.00
Δ =56° 38′ 53″ (LT)
D =76° 23′ 40″
R =75.00′
T =40.42′
L =74.15′
E =10.20′
P.C. STA =118+06.58
P.T. STA =118+80.73

PROP. CURVE ALI01-69
PI STA. =119+27.06
Δ =60° 51′ 35″ (RT)
D =114° 35′ 30″
R =50.00′
T =29.37′
L =53.11′
E =7.99′
P.C. STA =118+97.69
P.T. STA =119+50.80

PROP. CURVE ALI01-70
PI STA. =120+06.49
Δ =92° 19′ 39″ (LT)
D =190° 59′ 09″
R =30.00′
T =31.24′
L =48.34′
E =13.32′
P.C. STA =119+75.25
P.T. STA =120+23.59

PROP. CURVE ALI01-71
PI STA. =126+26.75
Δ =13° 07′ 22″ (RT)
D =27° 48′ 49″
R =206.00′
T =23.69′
L =47.18′
E =1.36′
P.C. STA =126+03.06
P.T. STA =126+50.24

PROP. CURVE ALI01-72
PI STA. =127+17.21
Δ =23° 18′ 39″ (LT)
D =54° 03′ 09″
R =106.00′
T =21.87′
L =43.13′
E =2.23′
P.C. STA =126+95.35
P.T. STA =127+38.47

PROP. CURVE ALI01-73
PI STA. =127+84.59
Δ =28° 58′ 28″ (RT)
D =54° 03′ 09″
R =106.00′
T =27.39′
L =53.60′
E =3.48′
P.C. STA =127+57.20
P.T. STA =128+10.80

PROP. CURVE ALI01-74
PI STA. =128+91.31
Δ =64° 17′ 12″ (RT)
D =75° 23′ 21″
R =76.00′
T =47.75′
L =85.27′
E =13.76′
P.C. STA =128+43.55
P.T. STA =129+28.82

PROP. CURVE ALI01-75
PI STA. =130+54.99
Δ =2° 29′ 42″ (LT)
D =5° 41′ 43″
R =1,006.00′
T =21.91′
L =43.81′
E =0.24′
P.C. STA =129+83.08
P.T. STA =130+26.89

PROP. CURVE ALI01-76
PI STA. =130+80.45
Δ =2° 50′ 16″ (RT)
D =5° 41′ 43″
R =1,006.00′
T =24.92′
L =49.82′
E =0.31′
P.C. STA =130+55.53
P.T. STA =131+05.35

PROP. CURVE ALI01-77
PI STA. =132+55.39
Δ =5° 30′ 52″ (LT)
D =11° 19′ 24″
R =506.00′
T =24.37′
L =48.70′
E =0.59′
P.C. STA =132+31.03
P.T. STA =132+79.72

PROP. CURVE ALI01-78
PI STA. =134+69.71
Δ =30° 27′ 32″ (RT)
D =38° 11′ 50″
R =150.00′
T =40.84′
L =79.74′
E =5.46′
P.C. STA =134+28.87
P.T. STA =135+08.61

PROP. CURVE ALI01-79
PI STA. =135+98.27
Δ =14° 06′ 28″ (RT)
D =27° 48′ 49″
R =206.00′
T =25.49′
L =50.72′
E =1.57′
P.C. STA =135+72.78
P.T. STA =136+23.50

PROP. CURVE ALI01-80
PI STA. =136+87.67
Δ =23° 23′ 33″ (LT)
D =54° 03′ 09″
R =106.00′
T =21.94′
L =43.28′
E =2.25′
P.C. STA =136+65.73
P.T. STA =137+09.00

PROP. CURVE ALI01-81
PI STA. =137+49.03
Δ =21° 32′ 18″ (RT)
D =54° 03′ 09″
R =106.00′
T =20.16′
L =39.85′
E =1.90′
P.C. STA =137+28.86
P.T. STA =137+68.71

PROP. CURVE ALI01-82
PI STA. =138+36.18
Δ =27° 39′ 56″ (RT)
D =54° 03′ 09″
R =106.00′
T =26.10′
L =51.18′
E =3.17′
P.C. STA =138+10.08
P.T. STA =138+61.26

PROP. CURVE ALI01-83
PI STA. =140+25.02
Δ =44° 01′ 46″ (RT)
D =114° 35′ 30″
R =50.00′
T =20.22′
L =38.42′
E =3.93′
P.C. STA =140+04.80
P.T. STA =140+43.22

PROP. CURVE ALI01-84
PI STA. =140+71.30
Δ =28° 28′ 17″ (LT)
D =190° 59′ 09″
R =30.00′
T =7.61′
L =14.91′
E =0.95′
P.C. STA =140+63.69
P.T. STA =140+78.60

PROP. CURVE ALI01-85
PI STA. =141+00.63
Δ =65° 31′ 50″ (RT)
D =636° 37′ 11″
R =9.00′
T =5.79′
L =10.29′
E =1.70′
P.C. STA =140+94.83
P.T. STA =141+05.13

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: VERT.
HORIZ. 1" = 100'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

PLAN / PROFILE — SURVEYED, DRAWN, CHECKED, QUANTITIES CHECKED, NOTE BOOK, No., BY, DATE, STRUCTURE NOTATION CHKD

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	8

STA. TO STA.

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

CONTRACT No. 83728

	Cut	Volume	CUT (ft3)	Fill	Volume	EARTH BALANCE	TOPSOIL EXCAVATION	Volume	TOPSOIL PLACEMENT	Volume
Station	End Area ft²	Yd³	ADJUSTED FOR SHRINKAGE	End Area ft2	Yd³	Yd³	End Area ft2	Yd³	End Area ft2	Yd³
11+00.00	17.2	13.33	11.33	0	0.00	11.33	10.1	6.82	4.5	3.16
11+20.56	17.8	17.66	15.01	0	0.00	15.01	7.8	8.72	3.8	4.36
11+50.00	14.6	25.65	21.80	0	0.00	21.80	8.2	14.44	4.2	7.04
12+00.00	13.1	23.06	19.60	0	0.00	19.60	7.4	13.98	3.4	6.57
12+50.00	11.8	21.30	18.10	0	0.00	18.10	7.7	13.15	3.7	5.74
13+00.00	11.2	24.35	20.70	0	0.00	20.70	6.5	11.94	2.5	4.54
13+50.00	15.1	27.22	23.14	0	0.19	22.95	6.4	13.15	2.4	5.74
14+00.00	14.3	39.17	33.29	0.2	0.19	33.11	7.8	15.28	3.8	7.87
14+50.00	28	46.94	39.90	0	0.00	39.90	8.7	15.28	4.7	7.87
15+00.00	22.7	19.02	16.17	0	0.00	16.17	7.8	7.06	3.8	3.37
15+24.93	18.5	17.08	14.52	0	0.00	14.52	7.5	6.92	3.5	3.20
15+50.00	18.3	53.70	45.65	0	3.98	41.67	7.4	19.44	3.4	9.91
16+00.00	39.7	65.65	55.80	4.3	3.98	51.82	13.6	24.72	7.3	17.69
16+50.00	31.2	61.11	51.94	0	0.00	51.94	13.1	24.54	11.8	22.41
17+00.00	34.8	73.52	62.49	0	0.00	62.49	13.4	25.28	12.4	23.61
17+50.00	44.6	68.52	58.24	0	0.00	58.24	13.9	21.94	13.1	19.35
18+00.00	29.4	40.74	34.63	0	0.37	34.26	9.8	18.80	7.8	15.19
18+50.00	14.6	15.09	12.83	0.4	13.70	-0.88	10.5	18.70	8.6	7.96
19+00.00	1.7	1.85	1.57	14.4	25.78	-24.20	9.7	14.22	0	0.00
19+40.00	0.8	0.15	0.13	20.4	15.09	-14.97	9.5	3.50	0	1.04
19+50.00	0	0.74	0.63	61.1	57.78	-57.15	9.4	15.28	5.6	8.61
20+00.00	0.8	1.30	1.10	1.3	4.54	-3.44	7.1	13.15	3.7	6.94
20+50.00	0.6	3.33	2.83	3.6	3.61	-0.78	7.1	13.43	3.8	7.22
21+00.00	3	3.24	2.75	0.3	1.57	1.18	7.4	11.39	4	5.19
21+50.00	0.5	8.63	7.33	1.4	1.07	6.26	4.9	2.50	1.6	0.82
21+77.57	16.4	24.41	20.75	0.7	2.01	18.74	0	8.45	0	3.89
22+50.00	1.8	40.28	34.24	0.8	0.74	33.50	6.3	18.61	2.9	11.76
23+00.00	41.7	64.07	54.46	0	0.00	54.46	13.8	19.72	9.8	12.31
23+50.00	27.5	35.19	29.91	0	0.00	29.91	7.5	13.61	3.5	6.11
24+00.00	10.5	22.87	19.44	0	0.00	19.44	7.2	13.15	3.1	5.65
24+50.00	14.2	32.78	27.86	0	0.00	27.86	7	13.61	3	6.20
25+00.00	21.2	31.48	26.76	0	0.00	26.76	7.7	13.24	3.7	5.83
25+50.00	12.8	20.19	17.16	0	0.00	17.16	6.6	11.11	2.6	3.70
26+00.00	9	4.17	3.54	0	4.12	-0.58	5.4	6.67	1.4	2.22
26+25.00	0	9.40	7.99	8.9	4.12	3.87	9	8.43	3.4	3.98
26+50.00	20.3	40.00	34.00	0	0.00	34.00	9.2	15.46	5.2	8.06
27+00.00	22.9	36.20	30.77	0	0.00	30.77	7.5	13.06	3.5	5.65
27+50.00	16.2	28.24	24.00	0	0.00	24.00	6.6	12.69	2.6	5.28
28+00.00	14.3	23.24	19.75	0	0.65	19.11	7.1	11.85	3.1	4.44
28+50.00	10.8	19.44	16.53	0.7	0.65	15.88	5.7	9.91	1.7	2.50
29+00.00	10.2	19.54	16.61	0	0.00	16.61	5	10.19	1	2.78
29+50.00	10.9	14.72	12.51	0	0.83	11.68	6	11.48	2	4.07
30+00.00	5	16.39	13.93	0.9	0.83	13.10	6.4	11.11	2.4	3.70
30+50.00	12.7	22.41	19.05	0	0.56	18.49	5.6	11.67	1.6	4.26
31+00.00	11.5	19.26	16.37	0.6	1.48	14.89	7	12.41	3	5.00
31+50.00	9.3	12.04	10.23	1	4.07	6.16	6.4	13.52	2.4	6.11
32+00.00	3.7	7.04	5.98	3.4	5.19	0.80	8.2	13.61	4.2	6.20
32+50.00	3.9	10.65	9.05	2.2	2.87	6.18	6.5	11.67	2.5	4.26
33+00.00	7.6	15.09	12.83	0.9	1.30	11.53	6.1	11.02	2.1	3.61
33+50.00	8.7	16.48	14.01	0.5	0.83	13.18	5.8	10.83	1.8	3.43
34+00.00	9.1	17.31	14.72	0.4	0.74	13.98	5.9	10.83	1.9	3.43
34+50.00	9.6	17.78	15.11	0.4	0.65	14.46	5.8	12.41	1.8	5.00
35+00.00	9.6	15.74	13.38	0.3	0.56	12.82	7.6	13.06	3.6	5.65
35+50.00	7.4	12.13	10.31	0.3	0.74	9.57	6.5	11.48	2.5	4.07
36+00.00	5.7	13.15	11.18	0.5	0.46	10.71	5.9	12.50	1.9	5.09
36+50.00	8.5	17.22	14.64	0	0.00	14.64	7.6	12.13	3.6	4.81
37+00.00	10.1	20.74	17.63	0	0.00	17.63	5.5	10.46	1.6	3.15
37+50.00	12.3	22.13	18.81	0	0.00	18.81	5.8	10.83	1.8	3.43
38+00.00	11.6	23.43	19.91	0	0.00	19.91	5.9	11.30	1.9	3.89
38+50.00	13.7	26.20	22.27	0	0.00	22.27	6.3	12.59	2.3	5.19
39+00.00	14.6	24.07	20.46	0	0.00	20.46	7.3	13.06	3.3	5.65
39+50.00	11.4	20.37	17.31	0	0.00	17.31	6.8	12.59	2.8	5.19
40+00.00	10.6	17.87	15.19	0	0.00	15.19	6.8	12.13	2.8	4.72
40+50.00	8.7	20.46	17.39	0	0.00	17.39	6.3	11.20	2.3	3.80
41+00.00	13.4	15.46	13.14	0	1.57	11.57	5.8	10.93	1.8	3.52
41+50.00	3.3	3.06	2.60	1.7	27.78	-25.18	6	13.70	2	6.30
42+00.00	0	9.44	8.03	28.3	26.20	-18.18	8.8	13.43	4.8	5.93
42+50.00	10.2	56.94	48.40	0	0.00	48.40	5.7	30.00	1.6	9.44
44+00.00	10.3	18.24	15.50	0	0.00	15.50	5.1	9.81	1.8	3.70
44+50.00	9.4	16.76	14.25	0	0.46	13.78	5.5	10.46	2.2	4.35
45+00.00	8.7	19.07	16.21	0.5	0.65	15.56	5.8	10.93	2.5	4.81
45+50.00	11.9	25.28	21.49	0.2	0.19	21.30	6	5.56	2.7	2.50
46+00.00	15.4	22.59	19.20	0	0.37	18.83	0	5.83	0	2.78
46+50.00	9	42.50	36.13	0.4	1.39	34.74	6.3	36.39	3	16.11
48+00.00	6.3	13.33	11.33	0.1	0.09	11.24	6.8	12.13	2.8	4.72
48+50.00	8.1	6.98	7.63	0	3.61	4.02	6.3	13.43	2.3	6.02
49+00.00	1.6	7.87	6.69	3.9	4.63	2.06	8.2	14.72	4.2	7.31
49+50.00	6.9	11.48	9.76	1.1	2.04	7.72	7.7	12.50	3.7	5.09
50+00.00	5.5	9.44	8.03	1.1	1.94	6.08	5.8	10.65	1.8	3.24
50+50.00	4.7	11.57	9.84	1	1.02	8.82	5.7	13.43	1.7	6.02
51+00.00	7.8	15.00	12.75	0.1	0.19	12.56	8.8	15.46	4.8	8.06
51+50.00	8.4	14.91	12.67	0.1	0.56	12.12	7.9	13.98	3.9	6.57
52+00.00	7.7	17.13	14.56	0.5	0.46	14.10	7.2	13.24	3.2	5.83
52+50.00	10.8	19.72	16.76	0	0.00	16.76	7.1	15.00	3.1	7.50
53+00.00	10.5	17.31	14.72	0	0.09	14.63	9.1	13.43	5	5.93
53+50.00	8.2	16.11	13.69	0.1	0.09	13.60	5.4	14.44	1.4	7.04
54+00.00	9.2	16.39	13.93	0	0.00	13.93	10.2	18.98	6.2	11.57
54+50.00	8.5	16.57	14.09	0	0.09	14.00	10.3	19.07	6.3	11.67
55+00.00	9.4	15.28	12.99	0.1	0.56	12.43	10.3	16.39	6.3	8.98
55+50.00	7.1	14.35	12.20	0.5	0.56	11.64	7.4	13.98	3.4	6.57
56+00.00	8.4	19.07	16.21	0.1	0.09	16.12	7.7	12.50	3.7	5.09
56+50.00	12.2	21.30	18.10	0	0.00	18.10	5.8	10.56	1.8	3.15
57+00.00	10.8	18.24	15.50	0	0.00	15.50	5.6	9.91	1.6	2.50
57+50.00	8.9	15.09	12.83	0	0.19	12.64	5.1	9.91	1.1	2.50
58+00.00	7.4	12.96	11.02	0.2	0.93	10.09	5.6	11.85	1.6	4.35
58+50.00	6.6	14.54	12.36	0.8	0.83	11.52	7.2	11.76	3.1	4.26
59+00.00	9.1	17.78	15.11	0.1	0.09	15.02	5.5	11.67	1.5	4.26
59+50.00	10.1	18.06	15.35	0	0.00	15.35	7.1	12.13	3.1	4.72
60+00.00	9.4	15.74	13.38	0	0.46	12.92	6	12.22	2	4.81
60+50.00	7.6	11.85	10.07	0.5	1.30	8.78	7.2	11.85	3.2	4.44
61+00.00	5.2	11.02	9.37	0.9	1.20	8.16	5.6	11.48	1.6	4.07
61+50.00	6.7	39.26	33.37	0.4	0.74	32.63	6.8	26.85	2.8	12.04
62+50.00	14.5	27.78	23.61	0	0.00	23.61	7.7	14.72	3.7	7.31
63+00.00	15.5	20.83	17.71	0	0.28	17.43	8.2	15.19	4.2	7.78
63+50.00	7	13.70	11.65	0.3	0.28	11.37	8.2	12.50	4.2	5.09
64+00.00	7.8	16.85	14.32	0	0.00	14.32	5.3	10.37	1.3	2.96
64+50.00	10.4	20.09	17.08	0	0.00	17.08	5.9	10.83	1.9	3.43
65+00.00	11.3	21.20	18.02	0	0.00	18.02	5.8	10.74	1.8	3.33
65+50.00	11.6	18.52	15.74	0	0.09	15.65	5.8	10.37	1.8	2.96
66+00.00	8.4	16.48	14.01	0.1	0.09	13.92	5.4	10.09	1.4	2.69
66+50.00	9.4	17.22	14.64	0	0.00	14.64	5.5	10.19	1.5	2.78
67+00.00	9.2	15.00	12.75	0	0.28	12.47	5.5	10.19	1.5	2.78
67+50.00	7	10.28	8.74	0.3	1.48	7.25	5.5	10.46	1.5	3.06
68+00.00	4.1	37.36	31.76	1.3	1.06	30.70	5.8	4.73	1.8	1.47
68+44.05	41.7	43.52	36.99	0	3.94	33.05	0	6.84	0	2.69
69+00.00	0.3	4.81	4.09	3.8	4.35	-0.26	6.6	11.39	2.8	3.98
69+50.00	4.9	10.37	8.81	0.9	1.20	7.61	5.7	10.28	1.7	2.87
70+00.00	6.3	10.19	8.66	0.4	1.39	7.27	5.4	10.37	1.4	2.96
70+50.00	4.7	10.09	8.58	1.1	1.39	7.19	5.8	10.46	1.8	3.06
71+00.00	6.2	12.22	10.39	0.4	0.65	9.74	5.5	11.30	1.5	3.89
71+50.00	7	11.85	10.07	0.3	0.83	9.24	6.7	11.30	2.7	3.89
72+00.00	5.8	10.00	8.50	0.6	1.57	6.93	5.5	10.37	1.5	2.96
72+50.00	5	11.67	9.92	1.1	1.20	8.71	5.7	10.46	1.7	3.06
73+00.00	7.6	12.59	10.70	0.2	1.20	9.50	5.6	11.94	1.6	4.54
73+50.00	6	9.72	8.26	1.1	2.69	5.58	7.3	14.07	3.3	6.67
74+00.00	4.5	10.56	8.97	1.8	1.94	7.03	7.9	13.52	3.9	6.11
74+50.00	6.9	14.07	11.96	0.3	0.56	11.41	6.7	12.96	2.7	5.65
75+00.00	8.3	12.04	10.23	0.3	1.76	8.47	7.3	12.22	3.4	4.91
75+50.00	4.7	8.06	6.85	1.6	3.15	3.70	5.9	11.11	1.9	3.70
76+00.00	4	12.50	10.63	1.8	1.67	8.96	6.1	12.13	2.1	4.72
76+50.00	9.5	15.83	13.46	0	0.37	13.09	7	11.67	3	4.26

	Cut	Volume	CUT (ft3)	Fill	Volume	EARTH BALANCE	TOPSOIL EXCAVATION	Volume	TOPSOIL PLACEMENT	Volume
Station	End Area ft²	Yd³	ADJUSTED FOR SHRINKAGE	End Area ft2	Yd³	Yd³	End Area ft2	Yd³	End Area ft2	Yd³
77+00.00	7.6	16.20	13.77	0.4	0.37	13.40	5.6	11.85	1.6	4.44
77+50.00	9.9	15.19	12.91	0	0.65	12.26	7.2	11.57	3.2	4.17
78+00.00	6.5	11.48	9.76	0.7	1.76	8.00	5.3	10.00	1.3	2.59
78+50.00	5.9	10.09	8.58	1.2	3.06	5.52	5.5	10.46	1.5	3.06
79+00.00	5	9.07	7.71	2.1	4.72	2.99	5.8	10.74	1.8	3.33
79+50.00	4.8	9.54	8.11	3	7.13	0.98	5.8	11.39	1.8	3.98
80+00.00	5.5	8.15	6.93	4.7	8.61	-1.69	6.5	12.31	2.5	4.91
80+50.00	3.3	7.41	6.30	4.6	8.24	-1.94	6.8	12.59	2.8	5.19
81+00.00	4.7	19.91	16.92	4.3	4.63	12.29	6.8	13.15	2.8	5.74
81+50.00	16.8	42.04	35.73	0.7	0.65	35.08	7.4	15.56	3.4	8.15
82+00.00	28.6	36.11	30.69	0	0.00	30.69	9.4	15.93	5.4	6.52
82+50.00	10.4	9.63	8.19	0	11.02	-2.83	7.8	14.17	3.8	6.76
83+00.00	0	0.74	0.63	11.9	17.69	-17.06	7.5	14.17	3.5	6.76
83+50.00	0.8	1.02	0.87	7.2	17.96	-17.10	7.8	14.26	3.8	6.85
84+00.00	0.3	0.28	0.24	12.2	28.80	-28.56	7.6	15.00	3.6	7.59
84+50.00	0	13.34	11.34	18.9	13.78	-2.44	8.6	6.27	4.6	3.35
84+89.36	18.3	7.68	6.53	0	0.02	6.51	0	0.00	0	0.00
85+00.00	20.7	31.94	27.15	0.1	0.09	27.06	0	5.56	0	1.85
85+50.00	13.8	20.37	17.31	0	0.19	17.13	6	10.74	2	3.33
86+00.00	8.2	8.43	7.16	0.2	3.15	4.01	5.6	11.11	1.6	3.70
86+50.00	0.9	0.83	0.71	3.2	15.19	-14.48	6.4	12.69	2.4	5.28
87+00.00	0	0.00	0.00	13.2	37.04	-37.04	7.3	14.35	3.3	6.94
87+50.00	0	0.00	0.00	26.8	82.50	-82.50	8.2	17.59	4.2	10.19
88+00.00	0	0.00	0.00	62.3	166.11	-166.11	10.8	22.78	6.8	15.37
88+50.00	0	0.00	0.00	117.1	245.74	-245.74	13.8	25.00	9.8	17.13
89+00.00	0	0.00	0.00	148.3	2638.39	-2638.39	13.2	186.56	8.7	145.10
91+60.32	0	366.43	311.47	399	371.95	-60.48	25.5	56.29	21.4	51.82
91+90.12	664	121.49	103.26	275	94.45	8.82	76.5	17.18	72.5	15.72
92+00.00	0	22.70	19.30	241.2	165.91	-146.61	17.4	22.24	13.4	32.29
92+20.71	59.2	32.11	27.29	191.4	166.36	-139.06	40.6	29.02	70.8	43.23
92+50.00	0	0.00	0.00	115.3	143.33	-143.33	12.9	20.93	8.9	13.52
93+00.00	0	0.00	0.00	39.5	65.74	-65.74	9.7	17.13	5.7	9.72
93+50.00	0	0.00	0.00	31.5	93.15	-93.15	8.8	18.52	4.8	11.11
94+00.00	0	0.00	0.00	69.1	145.83	-145.83	11.2	21.30	7.2	13.89
94+50.00	0	0.00	0.00	86.4	154.81	-154.81	11.8	21.48	7.8	13.98
95+00.00	0	0.00	0.00	76.8	89.17	-89.17	11.4	17.59	7.3	10.09
95+50.00	0	9.54	8.11	17.5	16.20	-8.10	7.6	11.76	3.6	4.35
96+00.00	10.3	15.46	13.14	0	0.46	12.68	5.1	12.31	1.1	4.91
96+50.00	6.4	14.54	12.36	0.5	0.46	11.89	8.2	12.78	4.2	5.37
97+00.00	9.3	20.28	17.24	0	0.00	17.24	5.6	10.83	1.6	3.43
97+50.00	12.6	17.87	15.19	0	0.28	14.91	6.1	11.20	2.1	3.80
98+00.00	6.7	7.31	6.22	0.3	3.89	2.33	6	11.57	2	4.17
98+50.00	1.2	1.11	0.94	3.9	17.69	-16.74	6.5	13.06	2.5	5.65
99+00.00	0	0.00	0.00	15.2	47.96	-47.96	7.6	16.39	3.6	8.98
99+50.00	0	5.13	4.36	36.6	33.15	-28.79	10.1	16.10	6.1	7.34
99+92.62	6.5	0.89	0.76	5.4	6.52	-5.76	10.3	2.83	3.2	1.30
100+00.00	0	0.00	0.00	42.3	52.22	-52.22	10.4	17.13	6.3	9.63
100+50.00	0	2.04	1.73	14.1	14.63	-12.90	8.1	12.96	4.1	5.56
101+00.00	2.2	7.69	6.53	1.7	1.94	4.59	5.9	11.39	1.9	3.98
101+50.00	6.1	13.70	11.65	0.4	0.37	11.28	6.4	11.11	2.4	3.70
102+00.00	8.7	17.69	15.03	0	0.00	15.03	5.6	10.46	1.6	3.06
102+50.00	10.4	18.24	15.50	0	0.00	15.50	5.7	11.76	1.7	4.35
103+00.00	9.3	19.91	16.92	0	0.00	16.92	7	12.76	3	5.37
103+50.00	12.2	20.46	17.39	0	0.00	17.39	6.8	12.50	2.8	5.09
104+00.00	9.9	18.43	15.66	0	0.00	15.66	6.7	12.04	2.7	4.63
104+50.00	10	17.50	14.88	0	0.00	14.88	6.3	11.20	2.3	3.80
105+00.00	8.9	16.57	14.09	0	0.09	14.00	5.8	10.46	1.8	3.06
105+50.00	9	14.26	12.12	0.1	0.37	11.75	5.5	10.83	1.5	3.43
106+00.00	6.4	14.07	11.96	0.3	0.28	11.69	6.2	11.67	2.2	4.26
106+50.00	8.8	19.17	16.29	0	0.00	16.29	6.4	12.31	2.4	4.91
107+00.00	11.9	11.02	9.37	0	31.85	-22.49	6.9	14.44	2.9	7.04
107+50.00	0	0.00	0.00	34.4	319.17	-319.17	8.7	28.61	4.7	21.20
108+00.00	0	0.68	0.58	310.3	57.99	-57.41	22.2	7.71	18.2	5.80
108+09.46	3.9	2.93	2.49	20.7	81.38	-78.89	21.8	25.45	14.9	17.27
108+50.00	0	1.85	1.57	87.7	84.35	-82.78	12.1	16.94	8.1	9.54
109+00.00	2	4.81	4.09	3.4	6.85	-2.76	6.2	12.22	2.2	4.81
109+50.00	3.2	2.56	2.17	4	7.11	-4.94	7	11.04	3	4.37
109+83.68	0.9	0.27	0.23	7.4	11.70	-11.46	10.7	6.07	4	2.87
110+00.00	0	0.46	0.39	31.3	41.20	-40.81	9.4	16.39	5.5	9.07
110+50.00	0.5	0.46	0.39	13.2	32.22	-31.83	8.3	15.46	4.3	8.06
111+00.00	0	16.20	13.77	21.6	20.00	-6.23	8.4	13.70	4.4	6.30
111+50.00	17.5	16.20	13.77	0	15.93	-2.15	6.4	13.61	2.4	6.20
112+00.00	0	1.60	1.36	17.2	1.23	0.13	8.3	1.38	4.3	0.66
112+03.31	26.1	26.37	22.42	2.9	3.54	18.87	14.2	16.86	6.5	6.83
112+50.00	4.4	14.07	11.96	1.2	1.11	10.85	5.3	10.93	1.4	3.61
113+00.00	10.8	19.07	16.21	0	0.28	15.94	6.5	14.07	2.5	6.67
113+50.00	9.8	21.85	18.57	0.3	0.28	18.30	8.7	14.54	4.7	7.13
114+00.00	13.8	30.46	25.89	0	0.00	25.89	7	14.07	3	6.67
114+50.00	19.1	19.91	16.92	0	3.80	13.13	8.2	14.81	4.2	7.41
115+00.00	2.4	6.57	5.59	4.1	5.19	0.40	7.8	14.63	3.8	7.22
115+50.00	4.7	12.31	10.47	1.5	1.39	9.08	8	13.06	4	5.65
116+00.00	8.6	16.30	13.85	0	0.00	13.85	6.1	10.65	2.1	3.24
116+50.00	9	20.28	17.24	0	0.00	17.24	5.4	11.76	1.4	4.44
117+00.00	12.9	26.48	22.51	0	0.00	22.51	7.3	15.00	3.4	7.69
117+50.00	15.7	22.96	19.52	0	0.09	19.43	8.9	13.06	4.9	5.65
118+00.00	9.1	13.80	11.73	0.1	1.57	10.15	5.2	11.67	1.2	4.26
118+50.00	5.8	7.22	6.14	1.6	5.65	0.49	7.4	13.06	3.4	5.65
119+00.00	2	1.85	1.57	4.5	47.04	-45.46	6.7	16.20	2.7	8.80
119+50.00	0	6.88	5.85	46.3	21.89	-16.05	10.8	10.65	6.8	5.49
119+72.65	16.4	8.31	7.06	5.9	23.80	-16.74	14.6	13.02	6.3	6.79
120+00.00	0	0.00	0.00	41.1	90.09	-90.09	11.1	25.09	7.1	17.69
120+50.00	0	0.00	0.00	56.2	98.61	-98.61	16	29.44	12	22.04
121+00.00	0	2.13	1.81	50.3	71.85	-70.04	15.8	27.78	11.8	20.37
121+50.00	2.3	4.35	3.70	27.3	38.80	-35.10	14.2	23.70	10.2	16.30
122+00.00	2.4	2.87	2.44	14.6	27.04	-24.60	11.4	20.09	7.4	12.69
122+50.00	0.7	0.65	0.55	14.6	26.48	-25.93	10.3	17.96	6.3	10.46
123+00.00	0	0.26	0.24	14	18.43	-18.19	9.1	15.28	5	7.78
123+50.00	0.3	3.52	2.99	5.9	7.50	-4.51	7.4	12.59	3.4	5.19
124+00.00	3.5	6.48	5.51	2.2	3.89	1.62	6.2	11.39	2.2	3.98
124+50.00	3.5	5.00	4.25	2	4.44	-0.19	6.1	11.48	2.1	4.07
125+00.00	1.9	3.89	3.31	2.8	5.56	-2.25	6.3	11.76	2.3	4.35
125+50.00	2.3	2.50	2.13	3.2	5.93	-3.80	6.4	11.76	2.4	4.35
126+00.00	0.4	2.78	2.36	3.2	5.28	-2.92	6.3	11.57	2.3	4.17
126+50.00	2.6	24.07	20.46	2.5	5.19	15.28	6.2	14.44	2.2	7.04
127+00.00	23.4	44.91	38.17	3.1	7.50	30.67	9.4	17.87	5.4	10.46
127+50.00	25.1	23.24	19.75	5	17.59	2.16	9.9	16.02	5.9	8.61
128+00.00	0	2.87	2.44	14	14.63	-12.19	7.4	12.41	3.4	5.00
128+50.00	3.1	11.02	9.37	1.8	1.76	7.61	6	10.65	2	3.24
129+00.00	8.8	17.13	14.56	0.1	0.28	14.28	5.5	11.39	1.5	3.98
129+50.00	9.7	17.22	14.64	0.2	0.46	14.18	6.8	11.67	2.8	4.26
130+00.00	8.9	17.96	15.27	0.3	0.28	14.99	5.8	12.41	1.8	5.00
130+50.00	10.5	19.72	16.76	0	0.00	16.76	7.6	12.96	3.6	5.56
131+00.00	10.8	19.81	16.84	0	0.00	16.84	6.4	13.61	2.4	6.20
131+50.00	10.6	14.54	12.36	0	0.93	11.43	8.3	12.96	4.3	5.56
132+00.00	5.1	8.43	7.16	1	2.31	4.85	5.7	10.74	1.7	3.33
132+50.00	4	7.87	6.69	1.5	2.41	4.28	5.9	10.74	1.9	3.33
133+00.00	4.5	12.31	10.47	1.1	1.02	9.45	5.7	10.74	1.7	3.33
133+50.00	8.8	14.81	12.59	0	0.19	12.41	5.9	10.93	1.9	3.52
134+00.00	7.2	14.17	12.04	0.2	0.28	11.76	5.9	10.46	1.9	3.06
134+50.00	8.1	14.81	12.59	0.1	0.09	12.50	5.4	9.72	1.4	2.31
135+00.00	7.9	15.37	13.06	0	0.56	12.51	5.1	10.28	1.1	2.87
135+50.00	8.7	122.41	104.05	0.8	1.11	102.94	6	30.56	2	14.44
136+50.00	57.4	81.30	69.10	0	0.19	68.92	10.5	18.70	5.8	10.00
137+00.00	30.4	42.31	35.97	0.2	1.85	34.12	9.7	16.02	5	7.41
137+50.00	15.3	23.15	19.68	1.8	8.61	11.06	7.6	14.35	3	5.83
138+00.00	9.7	28.89	24.56	7.5	22.41	2.15	7.9	16.85	3.3	8.33
138+50.00	21.5	38.70	32.90	16.7	18.89	14.01	10.3	15.37	5.7	6.76
139+00.00	20.3	39.35	33.45	3.7	6.30	27.15	6.3	11.67	1.6	2.96
139+50.00	22.2	31.30	26.60	3.1	18.80	7.81	6.3	14.54	1.6	6.48
140+00.00	11.6	26.11	22.19	17.2	15.93	6.27	9.4	16.57	5.4	9.17
140+50.00	16.6			0			8.5		4.5	
Total (CU YD) =		4867.71	4137.55		6663.76	-2526.21		3731.12		1864.42

NOTE: EXCESS TOPSOIL WILL BE PAID FOR AS EARTH EXCAVATION AND IF REQUIRED WILL NEED TO BE HAULED OFF SITE.

PLAN — NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD — BY — DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

SCALE: VERT. HORIZ. NOT TO SCALE — DRAWN BY EDT

DATE 3/30/2009 — CHECKED BY LMF

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	9
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

PLAN
SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
NO. ELEV. DATUM ACCEPTED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
NO. ALIGNMENT ACCEPTED
STRUCTURE NO(S)/RR CK'KD

BY	DATE

SCALE 1" = 300'
0 300 600

ROYCE RD
WEBER RD (A.K.A. JOLIET NAPERVILLE RD)
SHEET 19
SHEET 18
SHEET 17
SHEET 16
SHEET 15
SHEET 14
SHEET 13
SHEET 12
SHEET 10, 11
DUPAGE RIVER
100-YR FLOODPLAIN BOUNDARY
10-YR FLOODPLAIN BOUNDARY
WASHINGTON ST.
RING RD
KNOCH KNOLL RD
KINGSLEY DR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

OVERALL SITE PLAN

SCALE: VERT.
HORIZ. 1" = 300'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009

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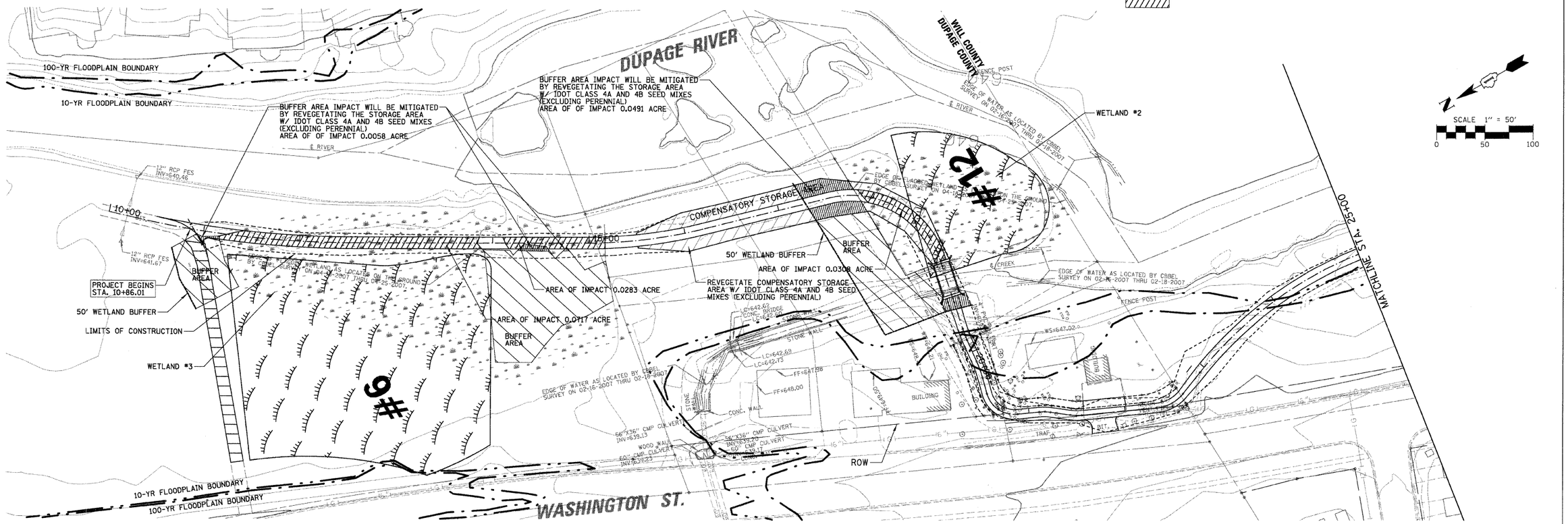
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	10
STA. 10+00	TO STA. 25+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

LEGEND

- ACCESS LIMITS
- BUFFER AREA
- COMPENSATORY STORAGE
- BUFFER AREA IMPACT
- AREA OF IMPACT



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
STATION 10+00 TO 25+00

SCALE: VERT.
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

P_AN — SURFACED / PLOTTED / NOTE BOOK / NO. / BY / DATE / ALIGNMENT CHECKED / ALL DIMENSIONS CHECKED / CADD FILE NAME

PROFILE — SURFACED / PLOTTED / NOTE ROCK / NO. / BY / DATE / PROFILE CHECKED / BEAM NOTED / STRUCTURE NOTATNS CHKD

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	11
STA. 10+00	TO STA. 25+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

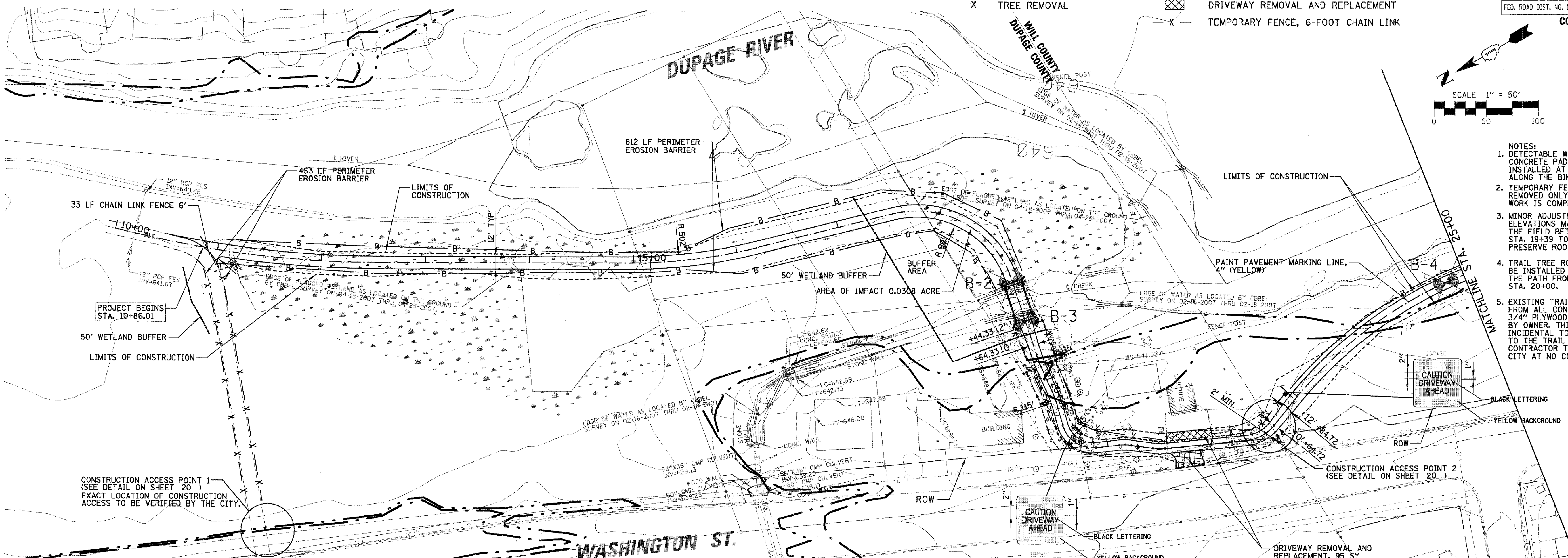
LEGEND

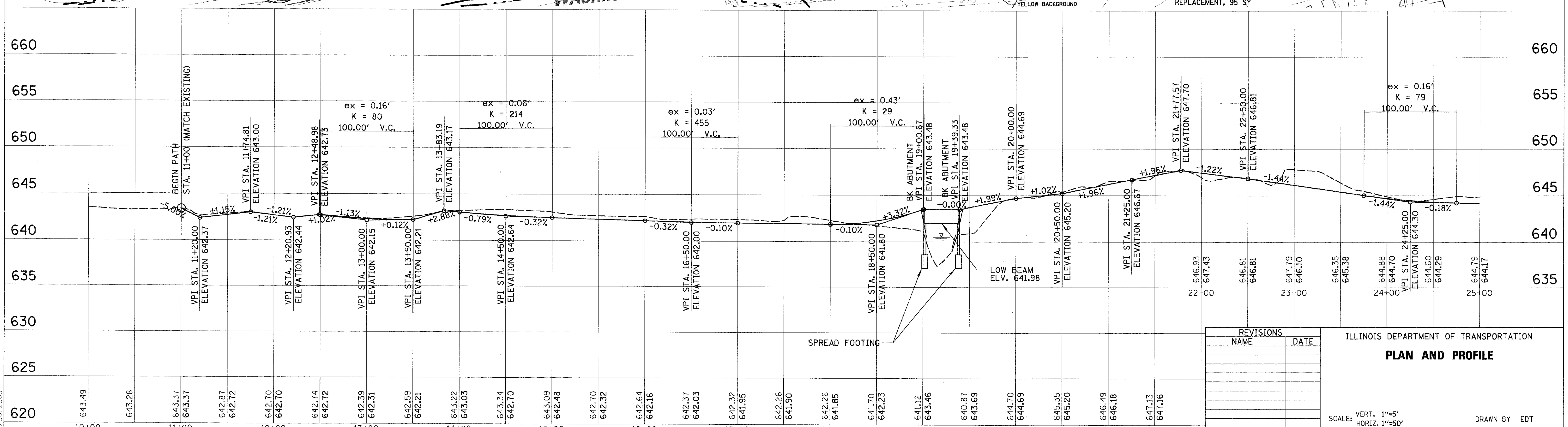
- — B — PERIMETER EROSION BARRIER
- — XXX — TEMPORARY FENCE
- TREE REMOVAL
- PERMANENT EASEMENT
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL AND REPLACEMENT
- — X — TEMPORARY FENCE, 6-FOOT CHAIN LINK

SCALE 1" = 50'

NOTES:

1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. MINOR ADJUSTMENTS TO THE PATH ELEVATIONS MAY HAVE TO BE MADE IN THE FIELD BETWEEN STA. 19+39 TO STA. 22+70 TO PRESERVE ROOT ZONE.
4. TRAIL TREE ROOT BARRIER SHALL BE INSTALLED ON BOTH SIDES OF THE PATH FROM STA. 11+00 TO STA. 20+00.
5. EXISTING TRAIL EDGE TO BE PROTECTED FROM ALL CONSTRUCTION ACTIVITIES USING 3/4" PLYWOOD OR OTHER MEANS APPROVED BY OWNER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ANY DAMAGE TO THE TRAIL SHALL BE RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY AT NO COST TO THE OWNER.





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 3/30/2009
DRAWN BY EDT
CHECKED BY LMF

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME; NOTE BOOK, NO.; BY; DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD; NOTE BOOK, NO.; BY; DATE

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	12
STA. 25+00	TO STA. 40+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

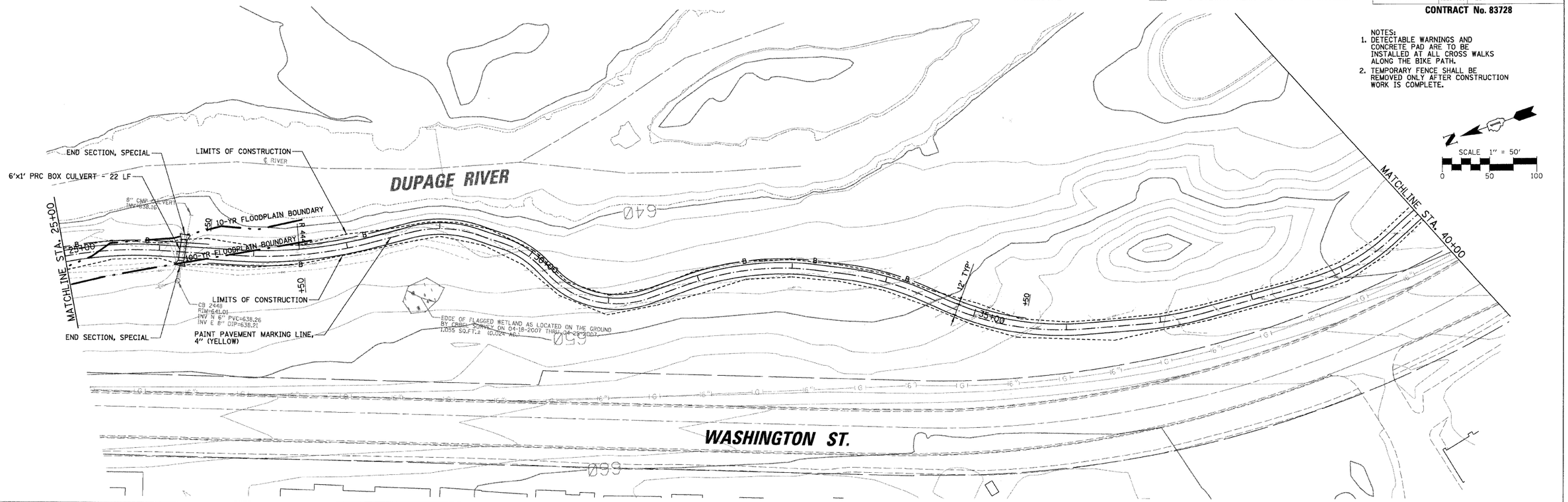
CONTRACT No. 83728

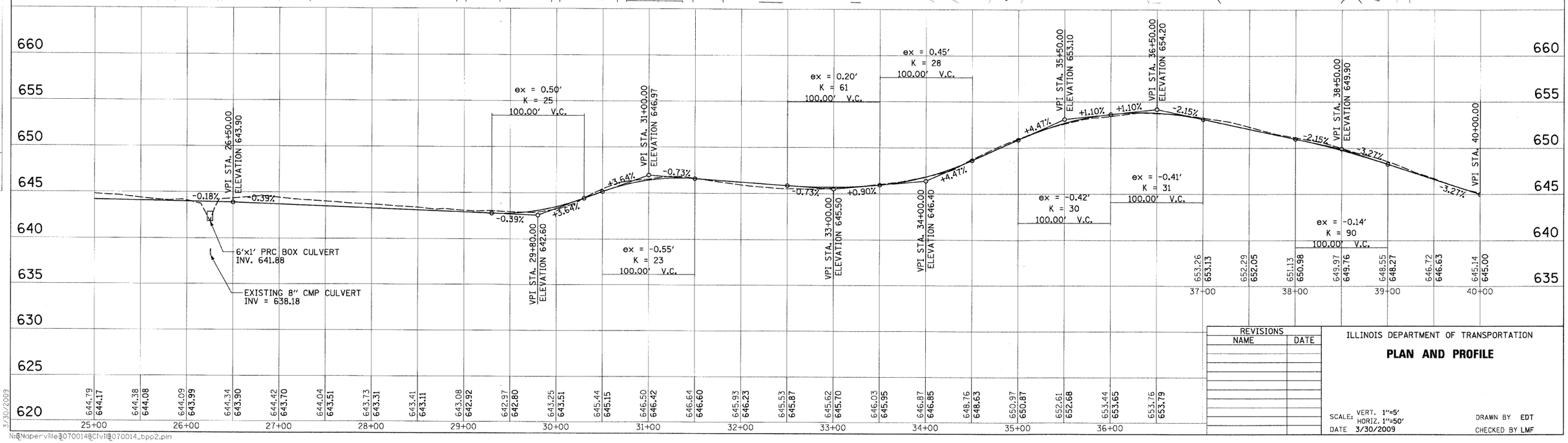
LEGEND

— B — PERIMETER EROSION BARRIER
— xxx — TEMPORARY FENCE
TREE REMOVAL
PERMANENT EASEMENT
SIDEWALK REMOVAL
DRIVEWAY REMOVAL AND REPLACEMENT

NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.

SCALE 1" = 50'
0 50 100





REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

PLAN: SURVEYED, ALIGNMENT CHECKED, GRADES CHECKED, LIMITS OF IEPA CHECKED, ROW / ILL. NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, ALIGNMENT CHECKED, GRADES CHECKED, LIMITS OF IEPA CHECKED, STRUCTURE NO(S)/TYPE/S CHKD, NOTE BOOK, NO., BY, DATE

3/30/2009

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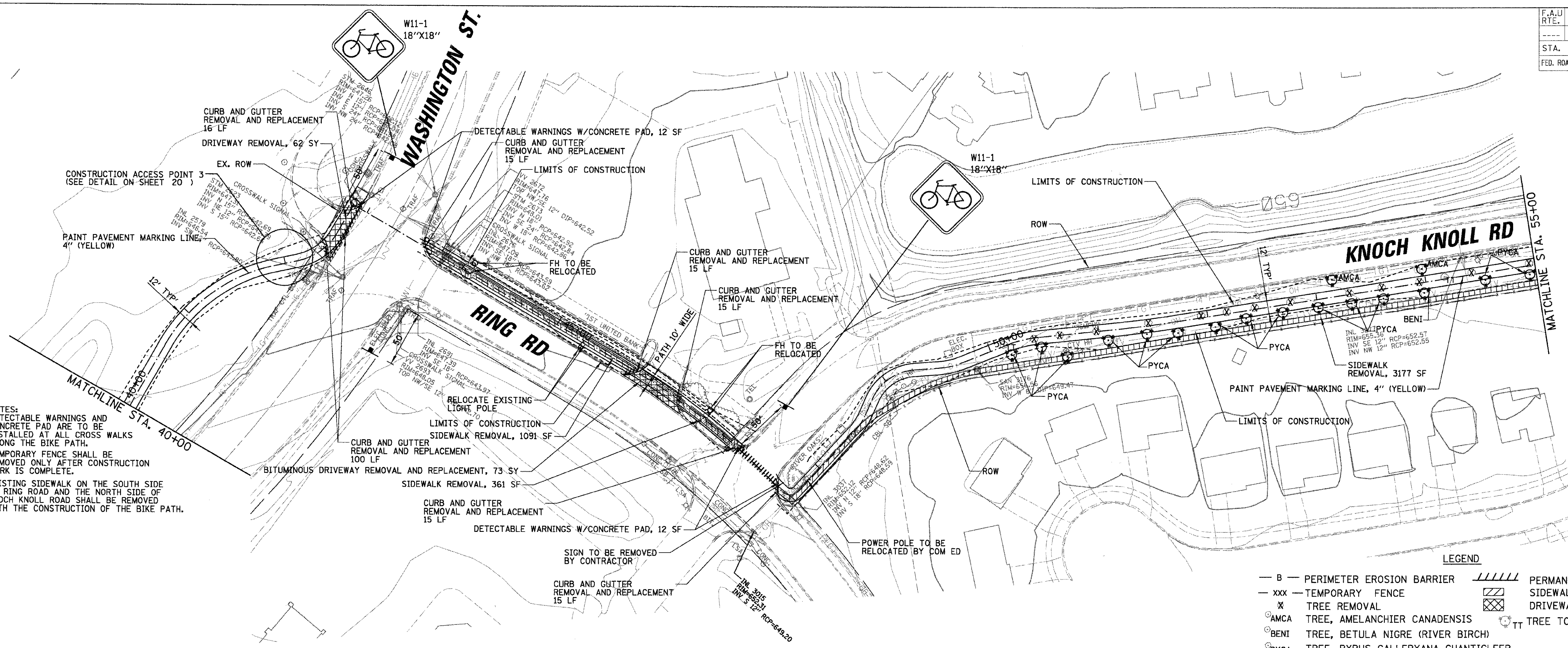
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	13
STA. 40+00	TO STA. 55+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

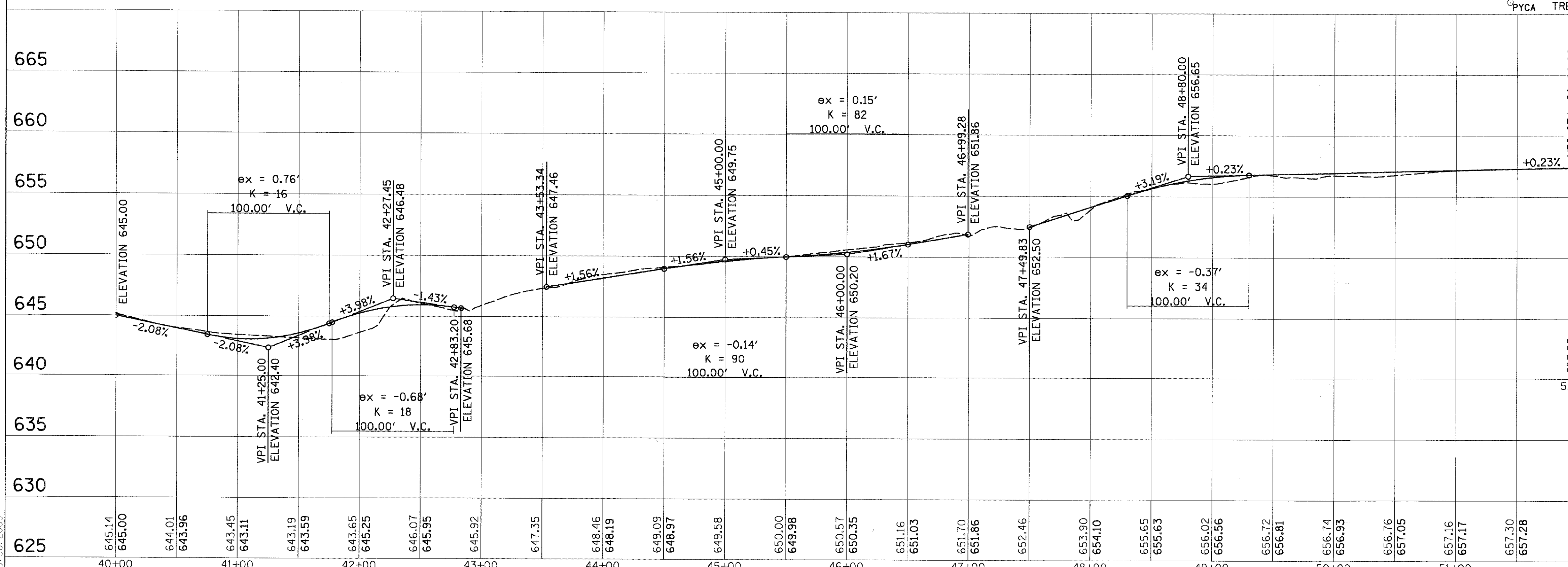
CONTRACT No. 83728



NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. EXISTING SIDEWALK ON THE SOUTH SIDE OF RING ROAD AND THE NORTH SIDE OF KNOCH KNOLL ROAD SHALL BE REMOVED WITH THE CONSTRUCTION OF THE BIKE PATH.

LEGEND

- — B — PERIMETER EROSION BARRIER
- — XXX — TEMPORARY FENCE
- TREE REMOVAL
- AMCA TREE, AMELANCHIER CANADENSIS
- BENI TREE, BETULA NIGRE (RIVER BIRCH)
- PYCA TREE, PYRUS CALLERYANA CHANTICLEER
- PERMANENT EASEMENT
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL AND REPLACEMENT
- TT TREE TO BE TRANSPLANTED



PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD / NOTE BOOK / NO. / BY / DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 3/30/2009
DRAWN BY EDT
CHECKED BY LMF

3/30/2009
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	99-00109-01-BT	DU PAGE	74	14
STA. 55+00	TO STA. 70+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. EXISTING SIDEWALK ON THE NORTH SIDE OF KNOCH KNOLL ROAD SHALL BE REMOVED WITH THE CONSTRUCTION OF THE BIKE PATH.

LEGEND

— B — PERIMETER EROSION BARRIER	PERMANENT EASEMENT
— XXX — TEMPORARY FENCE	SIDEWALK REMOVAL
X TREE REMOVAL	DRIVEWAY REMOVAL AND REPLACEMENT
AMCA TREE, AMELANCHIER CANADENSIS	TT TREE TO BE TRANSPLANTED
BENI TREE, BETULA NIGRE (RIVER BINCH)	
PYCA TREE, PYRUS CALLERYANA CHANTICLEER	

SCALE 1" = 50'
0 50 100

KNOCH KNOLL RD

KINGSLEY DR

MATCHLINE STA. 55+00

MATCHLINE STA. 70+00

DETECTABLE WARNINGS W/CONCRETE PAD, 12 SF

LIMITS OF CONSTRUCTION

MANHOLE TO BE ADJUSTED
EXISTING ELEV. 655.14
PROPOSED ELEV. 655.26

BENI

SIDEWALK REMOVAL, 3294 SF

CURB AND GUTTER REMOVAL AND REPLACEMENT 20 LF

THERMOPLASTIC PAVEMENT MARKING LINE, 12"

HANDHOLE TO BE ADJUSTED
EXISTING ELEV. 655.93
PROPOSED ELEV. 655.76

PYCA

CURB AND GUTTER REMOVAL AND REPLACEMENT 20 LF

FH TO BE RELOCATED

SIDEWALK REMOVAL, 504 SF

W11-1 18"X18"

LIMITS OF CONSTRUCTION

PAINT PAVEMENT MARKING LINE, 4" (YELLOW)

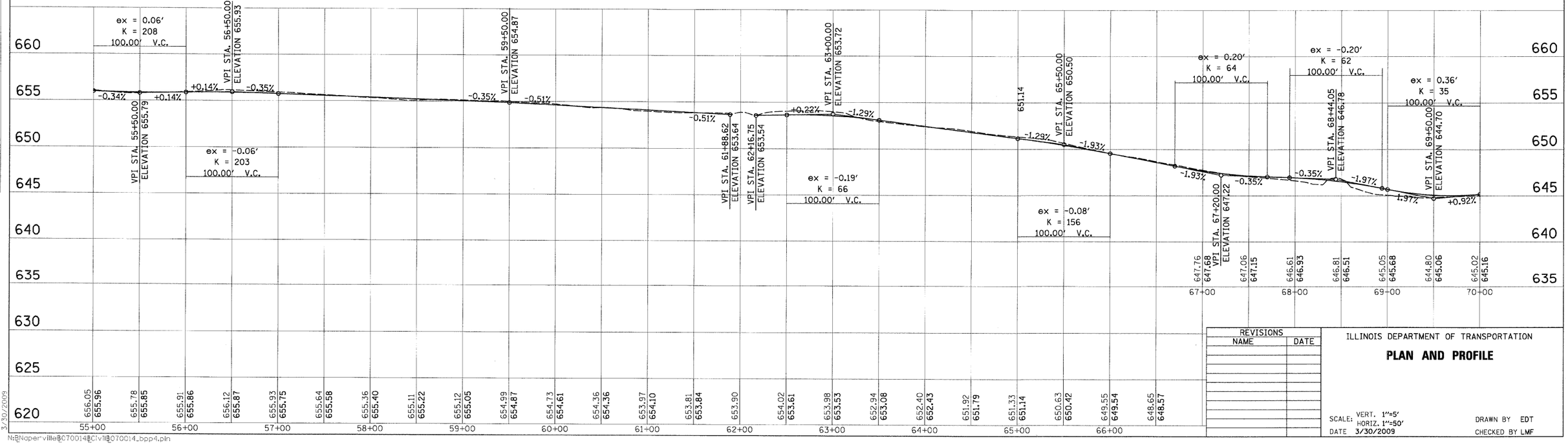
DRIVEWAY REMOVAL AND REPLACEMENT, 27 SY

CAUTION DRIVEWAY AHEAD 18"x18" — BLACK LETTERING — YELLOW BACKGROUND

CAUTION DRIVEWAY AHEAD 18"x18" — BLACK LETTERING — YELLOW BACKGROUND

10" CMP CULVERT INV=645.13

10" CMP CULVERT INV=645.01



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	15
STA. 70+00	TO STA. 85+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

LEGEND

— B — PERIMETER EROSION BARRIER
— xxx — TEMPORARY FENCE
TREE REMOVAL
PERMANENT EASEMENT
SIDEWALK REMOVAL
DRIVEWAY REMOVAL AND REPLACEMENT
ACCESS LIMITS

SCALE 1" = 50'
0 50 100

KNOCH KNOLL RD

MATCHLINE STA. 70+00

MATCHLINE STA. 85+00

MANHOLE TO BE ADJUSTED
EXISTING ELEV. 642.07
PROPOSED ELEV. 641.88

LIMITS OF CONSTRUCTION

ROW

DETECTABLE WARNINGS, 12 SF

EXISTING SIDEWALK REMAINS

RELOCATE EXISTING LIGHT POLE

SIDEWALK REMOVAL, 2250 SF

CURB AND GUTTER REMOVAL AND REPLACEMENT 20 LF

THERMOPLASTIC PAVEMENT MARKING LINE, 12"

MANHOLE TO BE ADJUSTED

FH TO BE RELOCATED

HANDHOLE TO BE ADJUSTED BY COMCAST
EXISTING ELEV. 642.33
PROPOSED ELEV. 642.34

PAINT PAVEMENT MARKING LINE, 4" (YELLOW)

PERMANENT EASEMENT

MANHOLE TO BE ADJUSTED
EXISTING ELEV. 643.79
PROPOSED ELEV. 642.46

DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 141 SY

NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. AT THE LOCATIONS WHRE THE EXISTING SIDEWALK CONFLICTS WITH THE PROPOSED BIKE PATH THE EXISTING SIDEWALK WILL BE REMOVED.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CAD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
PROFILE CHECKED
REAL NOTED
STRUCTURE NO'S FIG. OFFSD
NOTE BOOK
NO.
BY
DATE

ex = -0.03'
K = 421
100.00' V.C.

ex = -0.40'
K = 31
100.00' V.C.

ex = 0.51'
K = 24
100.00' V.C.

ex = -0.14'
K = 33
60.00' V.C.

ex = -0.20'
K = 62
100.00' V.C.

ex = 0.71'
K = 18
100.00' V.C.

ex = -0.22'
K = 57
100.00' V.C.

21" RCP CULVERT

VPI STA. 72+50.00 ELEVATION 647.47
VPI STA. 74+10.00 ELEVATION 648.57
VPI STA. 77+00.00 ELEVATION 641.27
VPI STA. 77+80.00 ELEVATION 642.54
VPI STA. 81+00.00 ELEVATION 641.76
VPI STA. 82+07.57 ELEVATION 639.77
VPI STA. 82+44.50 ELEVATION 639.56
VPI STA. 83+00.00 ELEVATION 638.30
VPI STA. 84+00.00 ELEVATION 641.80

+0.92% +0.69% +0.69% -2.52% -2.52% +1.59% +1.59% -0.24% -0.24% -1.85% -1.85% -2.15% -3.50% +3.50% +1.74%

650 645 640 635 630 625 620 615 610

70+00 71+00 72+00 73+00 74+00 75+00 76+00 77+00 78+00 79+00 80+00 81+00 82+00 83+00 84+00 85+00

645.02 645.16 | 645.35 645.62 | 645.94 646.08 | 646.46 646.55 | 646.80 647.01 | 647.19 647.44 | 647.78 647.81 | 647.99 648.16 | 647.96 648.24 | 647.46 647.55 | 646.32 646.30 | 644.78 645.05 | 643.47 643.79 | 642.63 642.53 | 641.74 641.78 | 641.91 642.06 | 642.38 642.48 | 642.23 642.37 | 642.06 642.25 | 641.97 642.13 | 641.92 642.00 | 641.52 641.88 | 641.37 641.56 | 641.37 640.84 | 640.89 639.91 | 639.50 | 637.74 639.01 | 639.06 640.05 | 640.54 641.58 | 641.28 642.67 | 643.53 643.37

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	16
STA. 85+00	TO STA. 100+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. TRAIL TREE ROOT BARRIER SHALL BE INSTALLED ON BOTH SIDES OF THE PATH FROM STA. 91+55 TO 100+00.

LEGEND

— B — PERIMETER EROSION BARRIER
— XXX — TEMPORARY FENCE
X TREE REMOVAL
PERMANENT EASEMENT
SIDEWALK REMOVAL
DRIVEWAY REMOVAL AND REPLACEMENT
PLOC TREE, PLATNUS OCCIDENTALIS (SYCAMORE)
BENI TREE, BETULA NIGRE (RIVER BIRCH)
QUBI TREE, QUERCUS BICOLOR (SWAMP WHITE OAK)
CEOC TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY)
ACCESS LIMITS

N

SCALE 1" = 50'
0 50 100

DETECTABLE WARNINGS, 12 SF
CONSTRUCTION ACCESS POINT 4 (SEE DETAIL ON SHEET 20)
135.58 LF RETAINING WALL
SILT FENCE, 41 LF
DUPAGE RIVER
EDGE OF WATER AS LOCATED BY CBBEL SURVEY ON 02-19-2007 AND 02-20-2007
MATCHLINE STA. 85+00
DRIVEWAY REMOVAL
SIGN AND KIOSK TO BE RELOCATED BY CONTRACTOR (INCIDENTAL TO THE PROPOSED PATH)
LIMITS OF CONSTRUCTION
STA. 88+00.00 BEGIN RETAINING WALL
STA. 89+35.35 END RETAINING WALL
TREE REMOVAL, 0.05 ACRES
SILT FENCE, 34 LF
WATERS OF THE U.S. #1
EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007.
EDGE OF WATER AS LOCATED BY CBBEL SURVEY ON 02-19-2007 AND 02-20-2007
B-10
B-11
B-12
90+00
95+00
BENI
QUBI
PLOC
CEOC
TREE REMOVAL, 0.2917 ACRES
SEEDING, CLASS 4 W/ MULCH METHOD 2
CEOC
QUBI
COMPENSATORY STORAGE
LIMITS OF CONSTRUCTION
EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007 #8276 SQ. FT. (.190 ACRES)
WETLAND #1
#11
PRC FES EQ 24" STA. 99+92.33, 7.16' LT INV 651.72
EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007 #23,486 SQ. FT. (.539 ACRES)
13 LF PIPE CULVERT REMOVAL
MATCHLINE STA. 100+00
EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007 #1533 SQ. FT. (.035 ACRES)
0.0057 ACRE WETLAND IMPACT
PRC FES EQ 24" STA. 99+92.38, 7.5' RT INV 651.63
15 LF RCP CL IV 30"x19" ELL @ 0.6%
PAINT PAVEMENT MARKING LINE, 4" (YELLOW)

660 655 650 645 640 635 630 625 620

VPI STA. 85+28.00 ELEVATION 644.02
+1.74% -5.00%
ex = 0.84' K = 15 100.00' V.C.
VPI STA. 87+20.00 ELEVATION 634.42
ex = 1.03' K = 12 100.00' V.C.
-5.00% +3.21%
BK ABUTMENT VPI STA. 89+48.18 ELEVATION 641.75
BK ABUTMENT VPI STA. 91+76.85 ELEVATION 641.75
+3.21% -2.00%
LOW BEAM ELV. 641.77
LOW BEAM ELV. 639.08
LOW BEAM ELV. 639.08
NWL
SPREAD FOOTING
VPI STA. 92+00.00 ELEVATION 641.29
ex = 0.49' K = 25 100.00' V.C.
+1.05% +1.05% +5.00%
VPI STA. 93+10.00 ELEVATION 642.44
VPI STA. 96+20.00 ELEVATION 657.94
+5.00% -2.27%
ex = -0.91' K = 14 100.00' V.C.
VPI STA. 97+25.00 ELEVATION 655.56
-2.27% +0.67%
ex = 0.26' K = 17 60.00' V.C.
VPI STA. 98+00.00 ELEVATION 653.48
+0.67%
30"X19" ELL INV 651.63
ex = -0.28' K = 44 100.00' V.C.
VPI STA. 99+90.00 ELEVATION 654.75

	85+00	86+00	87+00	88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00	98+00	99+00	100+00
	643.53	643.01	640.45	637.34	634.66	633.76	634.08	634.27	634.92	634.65	634.67	632.35	637.55	640.66	642.58	643.81	645.82	648.55	653.14	656.67	656.93	656.15	654.94	653.58	653.29	652.97	652.76	652.78
	643.37	642.66	640.42	637.92	635.79	635.55	636.99	638.60	640.20	641.75	643.77	644.54	641.81	642.65	644.46	646.94	649.44	651.94	654.44	656.61	657.11	656.13	654.87	653.74	653.81	654.15	654.47	654.41

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PLOT

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

PLAN: SURVEYED, PLOTTED, ALIGNMENT, ADD'N MAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, ALIGNMENT, BM: NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

3/30/2009
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	17
STA. 100+00	TO STA. 115+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. TRAIL TREE ROOT BARRIER SHALL BE COMPLETED ON BOTH SIDES OF THE PATH FROM STA. 100+00 TO 115+00.

LEGEND

— B — PERIMETER EROSION BARRIER
— XXX — TEMPORARY FENCE
⊗ TREE REMOVAL
PERMANENT EASEMENT
SIDEWALK REMOVAL
DRIVEWAY REMOVAL AND REPLACEMENT

N

SCALE 1" = 50'
0 50 100

MATCHLINE STA. 100+00

MATCHLINE STA. 115+00

LIMITS OF CONSTRUCTION

LIMITS OF CONSTRUCTION

12" CMP CULVERT INV=651.00

EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007

WSR SQ. FT. 140,084 ACRES)

650

GRASS

BIKE PATH

100+00

12" TYP

15" CMP CULVERT INV=635.62

15" CMP CULVERT INV=635.11

35 SY STONE RIPRAP, CLASS A4 W/ FILTER FABRIC

PRC FES 24"
STA. 108+11.63, 29.25' LT
INV 636.62

20 LF PIPE CULVERT REMOVAL

88.5 LF RCP CL IV 24" FLO @ 0.85%

PRC FES 24"
STA. 108+06.48, 29.25' RT
INV 634.99

WATERS OF THE U.S. #2

PRC FES 15"
STA. 112+00, 11.15' LT
INV 640.54

PRC FES 12"
STA. 109+83.76, 11.24' LT
INV 641.99

15 LF PIPE CULVERT REMOVAL

EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007

15" PVC CULVERT INV=640.54

EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBBEL SURVEY ON 04-18-2007 THRU 04-25-2007.

PVC CULVERT INV=639.50

22.3 LF RCP CL IV 15" @ 4.66%

PRC FES 15"
STA. 112+06.13, 11.15' RT
INV 639.50

WATERS OF THE U.S. #3

110+00

PAINT PAVEMENT MARKING LINE, 4" (YELLOW)

PRC FES 12"
STA. 109+82.98, 11.36' RT
INV 640.53

22.6 LF RCP CL IV 12" @ 1.77%

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	PROFILE CHECKED		
	SUM. NOTED		
	STRUCTURE NOTATNS CHKD		
NOTF RROM			
NO.			

PLAN	6"
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
PROFILE CHECKED	
NOTE BOOK	CADD FILE NAME
NO.	

655
650
645
640
635
630
625
620
615

ex = 0.33'
K = 38
100.00' V.C.
-1.61%
+1.01%
VPI STA. 100+90.00
ELEVATION 653.14

ex = -0.44'
K = 28
100.00' V.C.
+1.01%
-2.50%
VPI STA. 102+60.00
ELEVATION 654.87

ex = 0.17'
K = 75
100.00' V.C.
-2.50%
-1.41%
-0.81%
VPI STA. 104+50.00
ELEVATION 650.12

VPI STA. 105+00.00
ELEVATION 649.53

VPI STA. 105+50.00
ELEVATION 649.13

-1.45%

VPI STA. 106+80.00
ELEVATION 647.25

ex = 0.36'
K = 35
100.00' V.C.
-2.15%
+0.72%
VPI STA. 108+80.00
ELEVATION 642.94

24"
INV 635.11

12"
INV 640.54

ex = -0.51'
K = 24
100.00' V.C.

15"
INV 639.5

VPI STA. 111+40.00
ELEVATION 644.81

ex = 0.27'
K = 47
100.00' V.C.
+0.72%
-3.36%
VPI STA. 113+00.00
ELEVATION 639.43

ex = 0.51'
K = 25
100.00' V.C.
-1.23%
VPI STA. 114+80.00
ELEVATION 637.22

	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00	115+00
EXISTING	652.78	652.79	652.94	653.52	654.23	654.56	653.86	652.74	651.23	650.47	649.53	649.13	648.31	647.72	647.03	643.50	637.35	639.48	642.60	642.85	642.21	643.03	643.21	644.61	641.95	640.77	639.79	638.90	638.47	638.20	637.49
PROPOSED	654.41	653.80	653.46	653.75	654.26	654.49	653.85	652.62	651.37	650.29	649.53	649.13	648.41	647.68	646.82	645.74	644.67	643.65	643.22	643.45	643.81	644.17	644.51	644.15	642.79	641.11	639.70	638.82	638.20	637.67	637.97

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009

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NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.
3. TRAIL TREE ROOT BARRIER SHALL BE INSTALLED ON BOTH SIDES OF THE PATH FROM STA. 115+00 TO 120+00.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	18
STA. 115+00	TO STA. 130+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

SCALE 1" = 50'
0 50 100

MATCHLINE STA. 115+00
MATCHLINE STA. 130+00
115+00
120+00
125+00
630
650
940
LIMITS OF CONSTRUCTION
PRC FES 30"
STA. 119+72.0, 8.15' LT
INV 633.36
35 SY STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
12' TYP.
16.3 LF RCP CL IV 30" @ 0.92%
PRC FES 30"
STA. 119+72.76, 8.15' RT
INV 633.96
20 LF PIPE CULVERT REMOVAL
35 SY STONE RIPRAP, CLASS A4 W/ FILTER FABRIC
PAINT PAVEMENT MARKING LINE, 4' (YELLOW)
FENCE POST
BASEBALL FIELD
SOFTBALL FIELD
SCOREBOARD

LEGEND
— B — PERIMETER EROSION BARRIER
— xxx — TEMPORARY FENCE
X TREE REMOVAL
PERMANENT EASEMENT
SIDEWALK REMOVAL
DRIVEWAY REMOVAL AND REPLACEMENT

ex = -0.71'
K = 18
100.00' V.C.
VPI STA. 115+80.00
ELEVATION 640.05
+2.83%
-2.86%
ex = 0.51'
K = 24
100.00' V.C.
VPI STA. 118+00.00
ELEVATION 633.75
-2.86%
+1.25%
ex = 0.36'
K = 35
100.00' V.C.
VPI STA. 119+00.00
ELEVATION 635.00
+1.25%
+4.10%
VPI STA. 121+00.00
ELEVATION 643.20
+4.10%
+3.25%
ex = -0.11'
K = 118
100.00' V.C.
30"
INV 633.21
ex = -0.23'
K = 53
100.00' V.C.
VPI STA. 123+50.00
ELEVATION 651.33
+3.25%
+1.37%
ex = 0.13'
K = 94
100.00' V.C.
VPI STA. 126+50.00
ELEVATION 655.45
+1.37%
+2.43%
VPI STA. 128+90.00
ELEVATION 661.29
+2.43%
-3.33%
ex = -0.72'
K = 17
100.00' V.C.

660 655 650 645 640 635 630 625 620

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	130+00
637.49 / 637.97	638.69 / 639.08	639.20 / 639.22	638.09 / 638.04	636.80 / 636.61	635.53 / 635.18	634.49 / 634.26	634.26 / 634.38	634.92 / 635.36	635.14 / 637.05	637.82 / 639.10	640.07 / 641.15	642.30 / 643.09	644.46 / 644.83	646.04 / 646.45	647.40 / 648.08	648.79 / 649.70	650.47 / 651.10	651.68 / 652.02	652.38 / 652.70	652.90 / 653.39	653.67 / 654.08	654.13 / 654.76	655.11 / 655.58	656.70 / 656.67	657.84 / 657.88	657.70 / 659.10	659.84 / 660.29	660.54 / 660.50	659.43 / 659.29	657.67 / 657.63

REVISIONS
NAME | DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	19
STA. 130+00	TO STA. 143+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
NOTE BOOK		
NO.	STRUCTURE NO'S/ATMS CHKD	

MATCHLINE STA. 130+00

130+50

350 LF RETAINING WALL

CONSTRUCTION ACCESS POINT 5
(SEE DETAIL ON SHEET 20)

12' TYP.

LIMITS OF CONSTRUCTION

PAINT PAVEMENT MARKING LINE, 4" (YELLOW)

STA. 135+35.6
BEGIN RETAINING WALL

STA. 139+35.6
END RETAINING WALL

SIDEWALK REMOVAL

138+00

INL 4833
RIM=661.66
INV W 12" RCP=659.21

STM 4834
RIM=661.84
INV N 12" RCP=659.19
INV E 12" RCP=659.15
INV S 12" RCP=659.09

VV 4837
RIM=661.66
TOP E/W 8" DIP=656.16

VV 4838
RIM=661.28
TOP N/S 8" DIP=655.98

CITY PARKING

DOOR MARKER

W11-1
18"X18"

50.12' RADIUS

(A.K.A. JOLIET NAPERVILLE RD)

INL 4946
RIM=661.79
INV SE 12" RCP=659.14

CROSSWALK SIGNAL

INL 4908
RIM=660.32
INV NE 12" RCP=656.37
INV S 8" RCP=656.52
INV NW 12" RCP=657.19

VV 4892
RIM=660.91
TOP E/W 8" DIP=655.26

ELEC SB/MTR

DETECTABLE WARNINGS, 12 SF

ROYCE RD

'DUPAGE SPORTS'

CROSSWALK SIGNAL

INL 4878
RIM=660.35
INV N 8" RCP=658.00

CROSSWALK SIGNAL

STM 4819
RIM=656.88
INV N 12" RCP=656.03
INV E 12" RCP=654.53
INV S 12" RCP=654.43

CURB AND GUTTER
REMOVAL AND REPLACEMENT
20 LF

WASHINGTON STREET

PROJECT ENDS
STA. 141+04.77

DB 4389
RIM=664.46
INV S 4" PVC=650.26
INV S 4" PVC=650.11

BASEBALL FIELD

1 STORY SHED
W/ CRAWLSPACE
& COLLAPSIBLE
DOORS

FF=660.80

FF=660.11

DB 4419
RIM=662.27
INV NW 6" PVC=657.74
INV SW 6" PVC=657.64

BASEBALL FIELD

DB 4420
RIM=661.98
INV NE 6" PVC=648.83
INV SE 6" PVC=648.26
INV W 6" DRAIN PIPE=649.13
TO BE REMOVED
INV SW 6" PVC=648.03
TO BE REMOVED
INV E 6" PVC=648.18
TO BE REMOVED
SW 6" DRAIN PIPE

CONC.

BRICK & BLOCK

COVERED CONC. PAD

BRICK & BLOCK

TEL

PAINT PAVEMENT MARKING LINE, 4" YELLOW (1' SPACING)

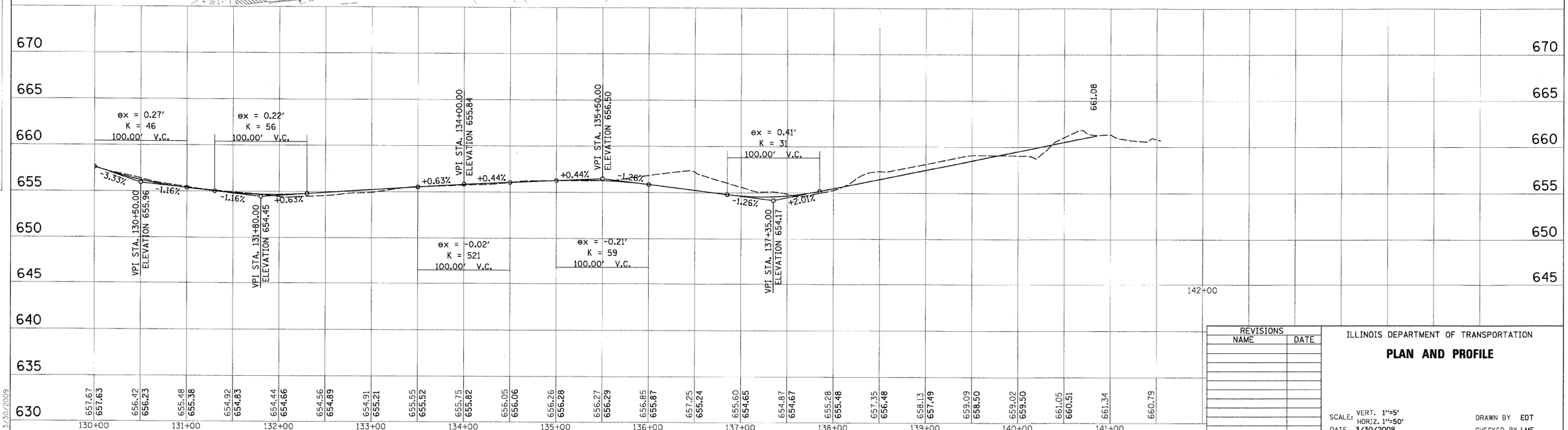
NOTES:
1. DETECTABLE WARNINGS AND CONCRETE PAD ARE TO BE INSTALLED AT ALL CROSS WALKS ALONG THE BIKE PATH.
2. TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER CONSTRUCTION WORK IS COMPLETE.

LEGEND

— B — PERIMETER EROSION BARRIER	PERMANENT EASEMENT
— xxx — TEMPORARY FENCE	SIDEWALK REMOVAL
TREE REMOVAL	DRIVEWAY REMOVAL AND REPLACEMENT
ACCESS LIMITS	

N

SCALE 1" = 50'
0 50 100



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 3/30/2009

DRAWN BY EDT
CHECKED BY LMF

3/30/2009

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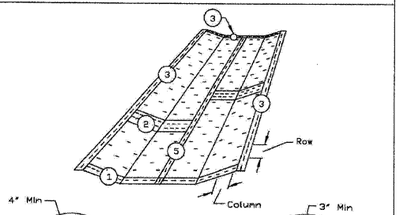
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	20
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

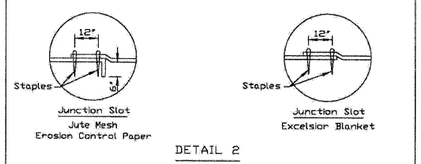
CONTRACT No. 83728

PLAN / PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, BAR NOTED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE, STRUCTURE NOTATIONS ONLY

EROSION BLANKET PLAN



DETAIL 1



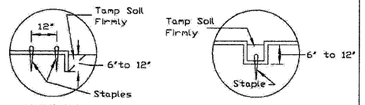
DETAIL 2

REFERENCE: Project, Designed, Checked, Approved — Date

NRCS Natural Resources Conservation Service

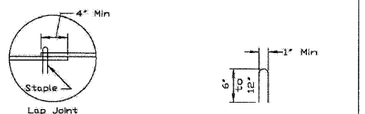
STANDARD DWG. NO. IL-530 SHEET 1 OF 2 DATE 3-24-94

EROSION BLANKET PLAN



DETAIL 3

DETAIL 4



DETAIL 5

STAPLE DETAIL

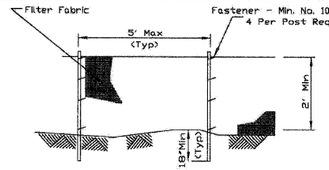
NOTES:
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
3. Erosion control material shall be placed loosely over ground surface. Do not stretch.
4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

REFERENCE: Project, Designed, Checked, Approved — Date

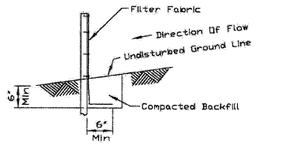
NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-530 SHEET 2 OF 2 DATE 3-1-95

SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

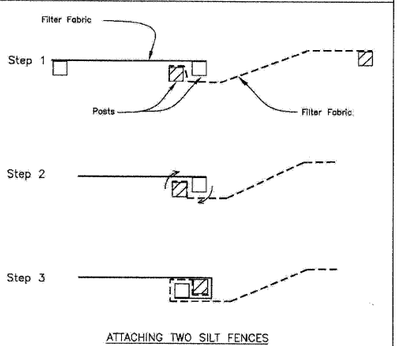
NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE: Project, Designed, Checked, Approved — Date

NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-620 SHEET 1 OF 2 DATE 11-20-01

SILT FENCE



ATTACHING TWO SILT FENCES

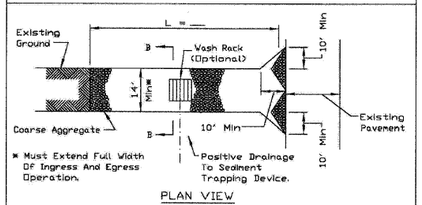
NOTES:
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE: Project, Designed, Checked, Approved — Date

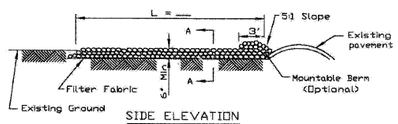
NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-620(W) SHEET 2 OF 2 DATE 1-28-99

CONSTRUCTION ACCESS PLAN



PLAN VIEW



SIDE ELEVATION

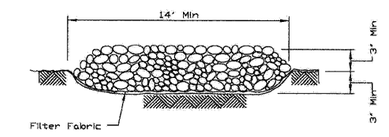
NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 RDCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE: Project, Designed, Checked, Approved — Date

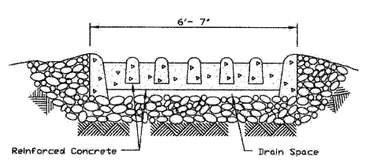
NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-630 SHEET 1 OF 2 DATE 8-18-94

CONSTRUCTION ACCESS PLAN



SECTION A-A



SECTION B-B

REFERENCE: Project, Designed, Checked, Approved — Date

NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-630 SHEET 2 OF 2 DATE 8-18-94

STANDARD NOTES (ON SESC PLAN):

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED.

ALL WORK IN CRITICAL AREAS WILL BE PROTECTED AND NO WORK WILL BE COMPLETED IN FLOWING WATER.

All disturbed areas and work areas must be isolated from creek flows at all times. The diversion/isolation of the creek flows must constructed from non-erodible materials. The KDSWCD must be in agreement with overall exact method of diversion/isolation prior to the commencement of construction.

This construction sequence for the placement of the trail over the river and tributary areas. This should include the following notes:

During Work on the banks and within the river and any additional tributary, work must be timed to take place during low or no-flow conditions.

Concentrated flow must be isolated from the work area using a non-erodable cofferdam (steel sheets, aqua barriers, etc.). Exact means and methods should be discussed during a scheduled pre-construction meeting.

If bypass pumping is necessary, the inlet of the hose shall be placed a sump pit and the outlet placed on a non-erodable, energy dissipating surface prior to rejoining the stream or river flow.

If dewatering the construction area is necessary, please be sure to filter all water by using filter bags or an alternative measure. Water must have sediment removed before being allowed to return to the original river tributary.

The side slopes must be reseeded and stabilized with an appropriate erosion control blanket prior to accepting flows. The bottom of the swale must be brought back to its original grade and stable enough to accept flows.

IDOT Class 4A - NATIVE GRASS MIXTURE

Scientific Name	Common Name	Lbs/Acre
Andropogon gerardii	big bluestem	3
Andropogon scoparius	little bluestem	3
Bouteloua curtipendula	side-oats grama	2
Elymus canadensis	Canada wild rye	1
Panicum virgatum	switch grass	1
Sorghastrum nutans	Indian grass	1
Avena sativa	seed oats	30
Lolium multiflorum	Italian rye grass	15
	TOTAL LBS/ACRE	**56**

IDOT Class 4B - WETLAND GRASS AND SEDGE MIXTURE

Scientific Name	Common Name	Lbs/Acre
Calamagrostis canadensis	blue joint grass	1.5
Carex lacustris	lake sedge	0.2
Carex stipata	awl-fruited sedge	0.2
Carex stricta	tussock sedge	0.2
Carex vulpinoidea	brown fox sedge	0.2
Eleocharis aciculoris	needle spike rush	0.2
Eleocharis obtusa	blunt spike rush	0.2
Glyceria striata	fowl manna grass	0.2
Juncus effusus	common rush	0.15
Juncus tenuis	slender rush	0.15
Juncus torreyi	Torrey's rush	0.2
Leersia oryzoides	rice cut grass	0.2
Scirpus acutus	hard-stemmed bulrush	0.5
Scirpus atrovirens	dark green bulrush	0.5
Scirpus fluviatilis	river bulrush	0.5
Scirpus validus	soft stemmed bulrush	0.5
Spartina pectinata	prairie cord grass	0.5
Avena sativa	seed oats	30
Lolium multiflorum	Italian rye grass	15
	TOTAL LBS/ACRE	**51.1**

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SESC DETAILS AND STANDARD NOTES

SCALE: VERT. NOT TO SCALE HORIZ. — DRAWN BY EDT

DATE 3/30/2009 — CHECKED BY LMF

3/30/2009

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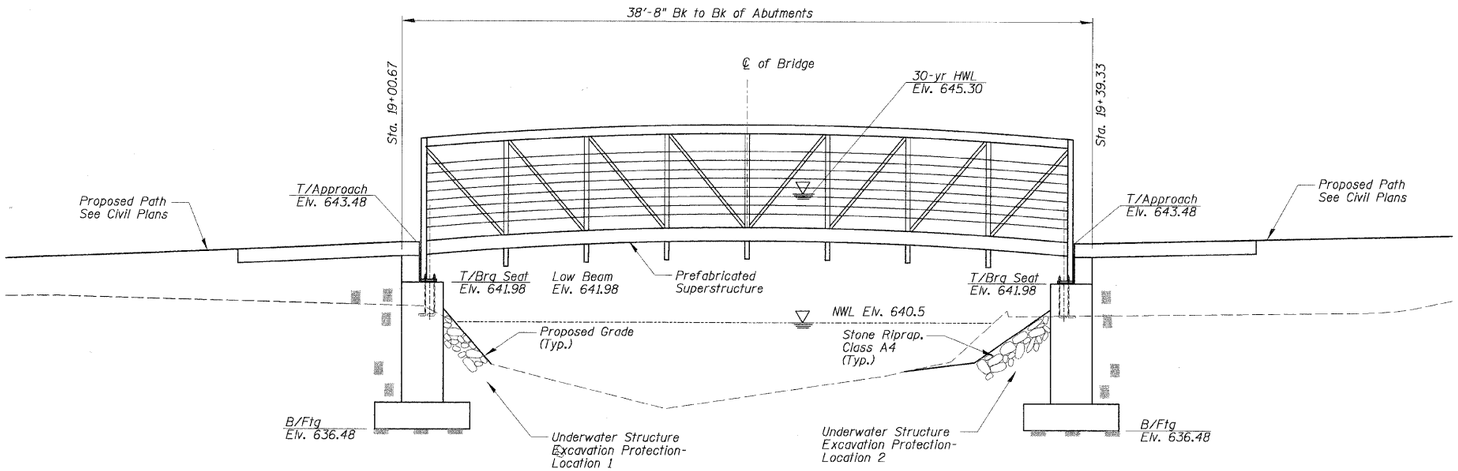
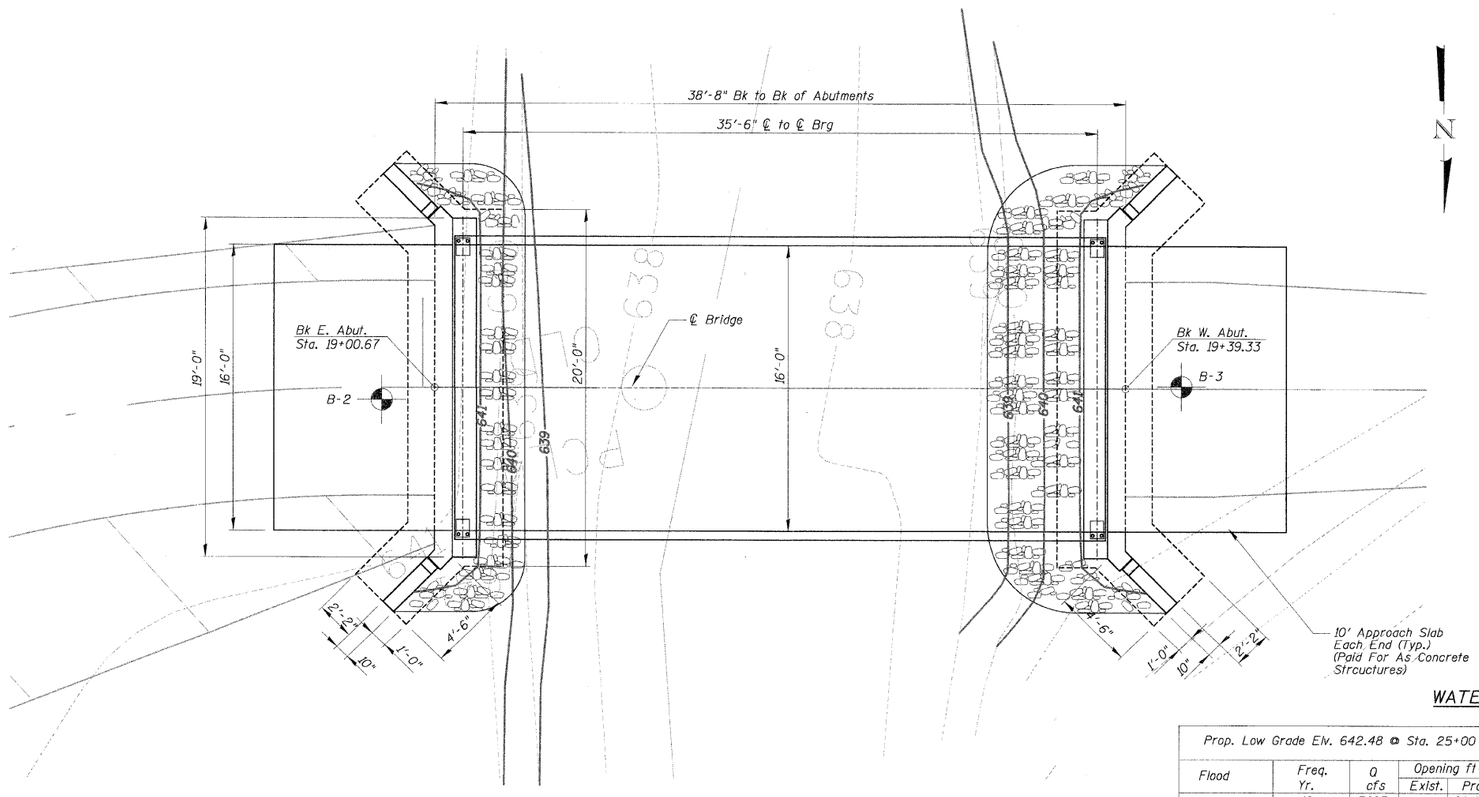
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	21
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

NOTE: Camber Overall Bridge Profile 1% Of The Bridge Length But At No Point Along The Bridge Shall The Deck Slope Be Greater Than 5%. Taking Into Account The Difference In Bearing Elevations. In Addition, All Truss Verticals Shall Be Plumb.



ELEVATION



PLAN

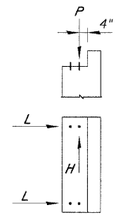
BILL OF MATERIAL (BRIDGE 1)

ITEM	DESCRIPTION	UNIT	QUANTITY
20700220	Porous Granular Embankment	Cu. Yd.	6
* 20700400	Porous Granular Embankment (Special)	Cu. Yd.	25
28100107	Stone Riprap, Class A4	Sq. Yd.	25
28200200	Filter Fabric	Sq. Yd.	25
50200100	Structure Excavation	Cu. Yd.	110
50300225	Concrete Structures	Cu. Yd.	41
50800205	Reinforcement Bars, Epoxy Coated	Lbs.	6150
* X5020501	Underwater Structure Excavation Protection- Location 1	Each	1
* X5020502	Underwater Structure Excavation Protection- Location 2	Each	1
* X0322508	Pedestrian Truss Superstructure (Bridge 1)	Sq. Ft.	584

* Special Provision

BRIDGE REACTION TABLE

ITEM	P (LBS) BRG.	H (LBS) ABUTMENT	L (LBS)
DEAD LOAD ②	14,835	---	---
UNI. LIVE LOAD	12,410	---	---
VEHICLE LOAD	6,000	---	---
UPLIFT WIND 20 PSF	-4,655	---	---
WINDWARD/LEEWARD	-1,155		
WIND	±720	3,725	---
THERMAL ②	---	---	2,225



All Footings Have Been Designed Based On The Bridge Reactions Shown
"P"- Vertical Load Per Base Plate
"H"- Horizontal Load Per Footing
"L"- Longitudinal Load Per Base Plate

Bridge Lifting Weight = 17,000 Lbs ①
Total Bridge Weight = 59,340 Lbs ②

① Does Not Include Weight Of Concrete Deck
② Includes Weight Of Concrete Deck

LEGEND

Soil Boring

640 Proposed Grade

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans. The Design Is An Economical One For The Syle Of Structure And Complies With Requirements Of The Current "AASHTO Standard Specification For Highway And Bridges".

STATE OF ILLINOIS MAJID MOBASSERI 081-005058 CHAMPAIGN, ILLINOIS LICENSED STRUCTURAL ENGINEER

3-27-09

MAJID MOBASSERI
STRUCTURAL ENGINEER
ILLINOIS REGISTRATION No. 081-005058
EXPIRATION DATE: 11/30/10

WATERWAY INFORMATION

Prop. Low Grade Elv. 642.48 @ Sta. 25+00 Drainage Area = 123 mi²

Flood	Freq. Yr.	Q cfs	Opening ft² Exist.	Opening ft² Prop.	Nat. H.W.E.	Head - ft Exist.	Head - ft Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	3695	-	90.00	644.46	-	0.06	-	644.52
Design	30	4722	-	90.00	645.22	-	0.08	-	645.30
	50	5170	-	90.00	645.61	-	0.08	-	645.69
Base	100	5885	-	90.00	646.01	-	0.08	-	646.09
Max. Calc.	500	7880	-	90.00	647.27	-	0.08	-	647.35

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 1
STA. 19+20.00
PLAN AND PROFILE

SCALE: NOT TO SCALE DRAWN BY PDR
DATE 3/30/2009 CHECKED BY PLB

PLAN / PROFILE — BY | DATE | SURVEYED | PLOTTED | DESIGN CHECKED | QUANT. NOTED | STRUC. ORG. NOTATING CHKD | NOTE BOOK | RT. OF WAY CHECKED | NO. | CADD FILE NAME

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	22
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

I GENERAL NOTES

1. All work shall be done in accordance to the Illinois Department of Transportation (IDOT) Standard Specification For Road and Bridge Construction, Adopted January 1, 2007, and latest Supplemental Specifications and recurring Special Provisions, unless noted otherwise. Construction Plans and Subsequent Details are all to be considered as part of the Contract. Incidental Items or Accessories necessary to complete this work may not be specifically noted but are considered a part of this Contract.

2. No Construction Plans shall be used for Construction unless specifically Marked For Construction. Prior to commencement of construction, the Contractor shall verify all dimensions and conditions affecting the work with the actual conditions. If there are discrepancies between the job site and what is shown on the construction plans, The contractor must immediately report to Engineer before doing any work, otherwise the Contractor shall assume full responsibility. In the event of disagreement between the plans and existing conditions and or details, the Contractor shall secure written instruction from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. In 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 questions arising with respect to the true meaning of the Construction Plans or Specifications, the decision of the Engineer shall be final and conclusive.

3. Contractor shall verify all topographic information and grade elevations adjacent to bridge prior to proceeding, inform Engineer of any variation.

4. All compacted fill and backfill material shall be a clean granular material placed in lifts of twelve (12) inches or less in loose thickness and compacted to a minimum of 95 percent of the material's maximum standard proctor dry density (ASTM D-698).

II CAST-IN-PLACE CONCRETE

1. All cast-in-place concrete work and reinforcing steel work shall be in accordance with Sections 503 and 508 respectively of the IDOT Standard SpecificationsFor Road And Bridge Construction, adopted January 1, 2007, and Supplemental Specifications and Recurring Special Provisions and as noted below.

2. Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces cast against earth and 2" for all other surfaces unless otherwise shown.

3. All reinforcement bars shall be epoxy coated.

4. Reinforcement Bars shall conform to the requirements of AASTHO M-31, or M-322 Grade 60. Field bending or cutting shall not be permitted.

5 Reinforcing bar bending dimensions are out to out.

6. Reinforcing bar bending details shall be in accordance with the "Manual of Standard Practice for Detailing Reinforced Concrete Structures", ACI 315, latest edition. Shop bending and placement drawings shall be submitted to the Engineer for review and approval prior to fabrication.

7. All C.I.P. concrete shall be class SI concrete and shall have a minimum compressive strength of 3,500 psi @ 28 days.

8. All exposed concrete edges shall be beveled $\frac{3}{4}$".

9. All Walking Surfaces Shall Receive a "Broom" Finish.

III PREFABRICATED PEDESTRIAN BRIDGE

The Prefabricated Pedestrian Bridge shall be designed, fabricated, delivered and erected according to the Special Provisions of "Pedestrian Truss Superstructure" and design plans.

1. Style: Pratt Truss or Approved Equal.

2. Span: 36' - 6" end to end of the bridge structure.

3. Loading: Per AASHTO Guide Specification for Design of Pedestrian Bridges.
   Dead Load : Actual weight of the structure
   Live Load : 85 PSF or H6 (12,000 Lb) vertical load. Vertical impact is not required.
   Wind Load : 35 PSF on the full vertical projected area of the bridge, as if enclosed.
   The stream may over top the bridge deck and the bridge should be designed for stream flow pressure accordingly.

4. Finishes: All steel shall be unpainted weathering steel conforming to the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel."

5. Quality: The bridge manufacturer shall maintain proper records assuring that all steel, bolts, and materials used are in accordance with material specified. The bridge shall be identified and marked with a permanent nameplate showing the manufacturers name, location, date of manufacture, and load carrying capacity. Structural material shall be traceable to each bridge. All welders shall be qualified in accordance with AWS D1.1-2002 structural welding code. All workmanship shall be in compliance with AASHTO and AISC standard practice. Full penetration weld details used in shop splices shall be submitted to the Engineer to determine testing required (if any).

6. Delivery: Bridges shall be delivered by truck to a location nearest the site accessible by roads.

7. Field welding of construction accessories will not be permitted to beams or girders.

IV CONSTRUCTION

1. Do not scale dimensions for construction. Scale, If shown, applies only to full size drawings.

2. No construction joints, except those shown on the plans, will be allowed unless directed by the Engineer.

3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. and the City Of Naperville prior to excavation.

4. Shop working or layout drawings pertaining to the construction of the work, as may be required, shall be submitted to the Engineer for approval prior to the start of construction.

5. Upon completion, the contractor shall collect and remove all construction debris and excess material from the site. Damaged trees, shrubs, and other landscape features resulting from construction activities shall be replaced or repaired.

6. All bearing surfaces must be true and level.

7. Contractor must coordinate with Bridge Manufacturer to ensure proper placement of cast-in-place anchors. If the contractor elects to use post-installed anchors in lieu of cast-in-place anchors, he must coordinate the plate dimensions, bolt spacing and bolt quantity with the Bridge Manufacturer prior to construction.

8. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

9. Bridge Seat Sealer shall be applied to the seat area of both abutments.

V FOUNDATION NOTES

1. The minimum allowable bearing capacity on undisturbed soil or firm compacted fill shall be 3000 PSF based on the soil report prepared by Testing Service Corporation, File No. L-67,825 dated Aug. 6, 2007. If the soil encountered at the proposed bottom of footing elevation does not meet the minimum bearing capacity, the soil shall be overexcavated until suitable soil is encountered. Overexcavated soil shall be replaced with crushed stone containing no fines complying with IDOT gradations CA-1 or CA-7, or 3" crushed rock. Each lift shall be densifield using vibratory compaction equipment or by firmly tamping with a backhoe bucket. Overexcavated areas shall extend beyond the footing dimensions a minimum of 6" on each side per foot of overdig.

2. The Contractor is responsible for design, installation and removal of all excavation support systems.

3. The excavation and work area shall be properly drained at all times during construction. all wet, loose, frozen or other unsuitable material shall be removed prior to placement of concrete or compacted backfill.

4. It shall be the responsibility of the Contractor to divert the stream flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the City and County. The cost shall be included with "Underwater Structure Excavation Protection" at the location shown in the plans.

5. The Contractor shall submit a plan to the City and County for approval if dewatering is required. Any dewatering shall not be paid for separately, but shall be included in "Underwater Structure Excavation Protection" at the location shown in the plans.

LAP SPLICE SCHEDULE	
BAR SIZE	CLASS "B" SPLICE
#4	1'-10"
#5	2'-3"
#6	2'-9"

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 1

STA. 19+20.00

GENERAL NOTES

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, ALIGNMENT CHECKED, SAN. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	23
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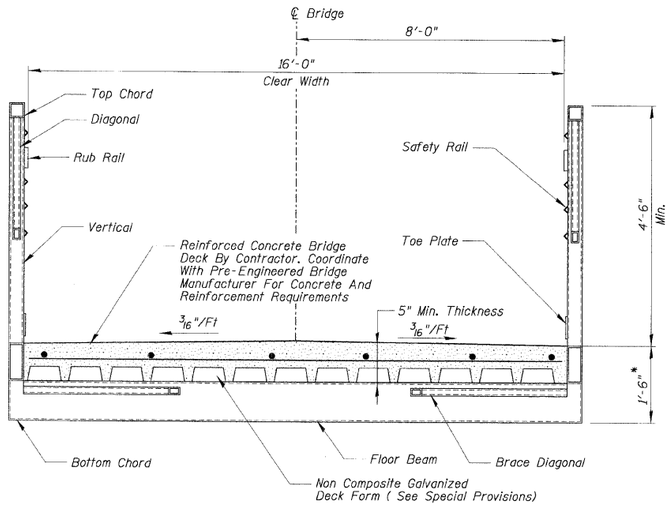
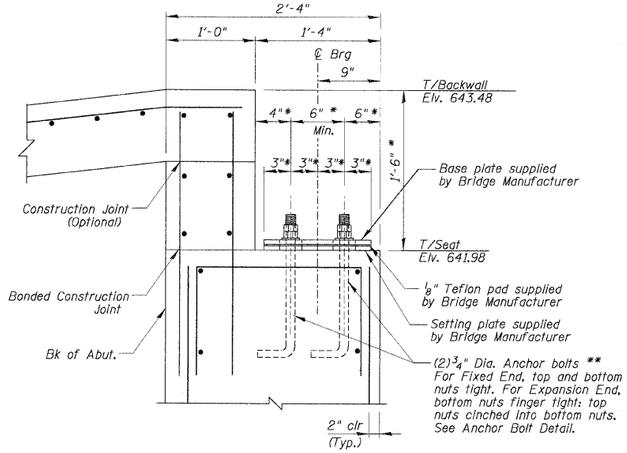
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

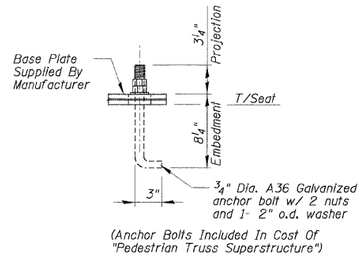
CONTRACT No. 83728



SECTION THRU FABRICATED BRIDGE SUPERSTRUCTURE

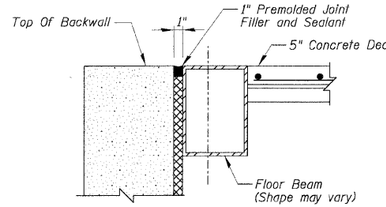


BEARING DETAIL AT ABUTMENTS



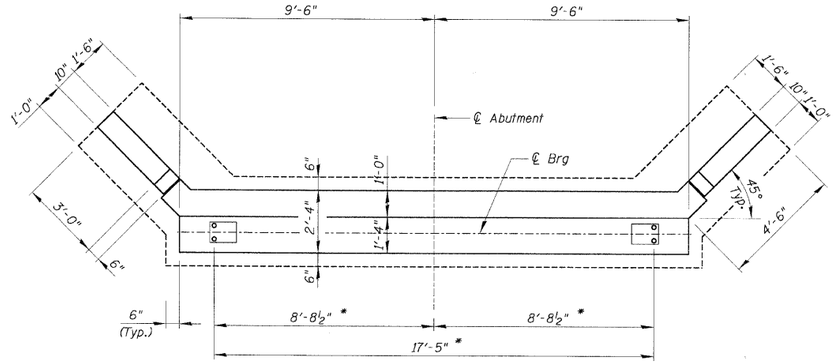
(Anchor Bolts Included In Cost Of "Pedestrian Truss Superstructure")

ANCHOR BOLT DETAIL

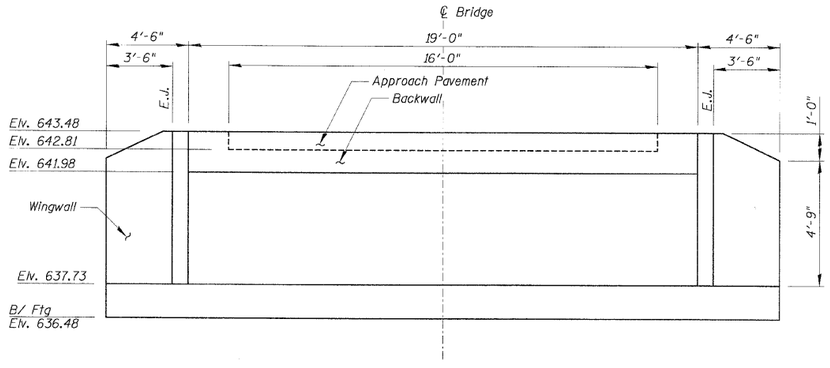


(Premolded Joint Filler Included In Cost Of "Pedestrian Truss Superstructure")

JOINT SEAL AT ABUTMENT

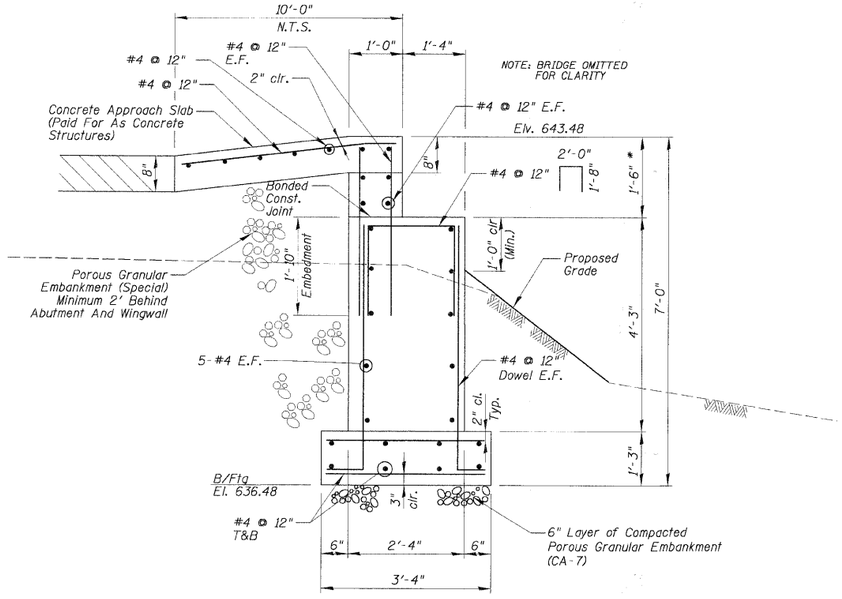


TYPICAL ABUTMENT PLAN



TYPICAL ABUTMENT ELEVATION

(DIMENSION ALONG FACE OF WALL)



SECTION THRU SOUTH ABUTMENT

NOTES:

* Contractor shall coordinate all dimensions with Bridge Manufacturer prior to construction.

** Contractor has the option of substituting anchor bolts with 4-3/4" ϕ HILTI HAS-EE AISI 304 SS Bolts embedded $6\frac{5}{8}$" into HIT HY 150 Injection adhesive. Bolts shall not be placed less than 5" from the edge of the structure or less than 6" apart. Contractor shall coordinate plate dimensions, bolt spacing and bolt quantity with Bridge Manufacturer prior to construction.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 1

STA. 19+20.00

ABUTMENT AND BRIDGE SECTIONS

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, BM. NOTED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

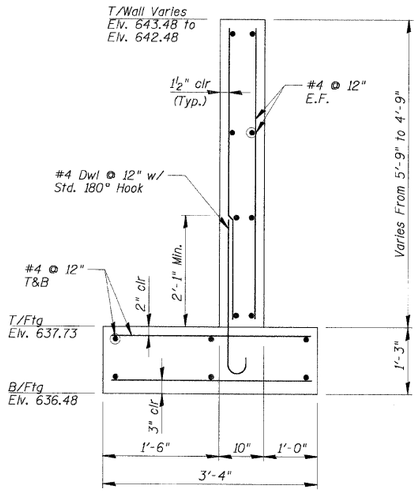
PROFILE: SURVEYED, PLOTTED, GRADE CHECKED, BM. NOTED, STRUCTURE NO/ATNS OF/AD

3/30/2009

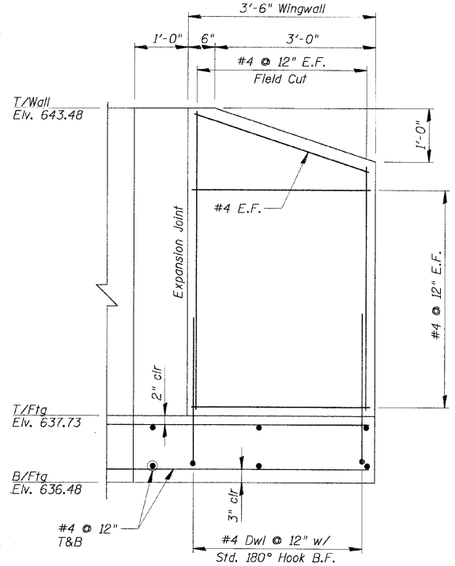
N:\Naperville\2070014\Struct\2070014-S3.PLN

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	24
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

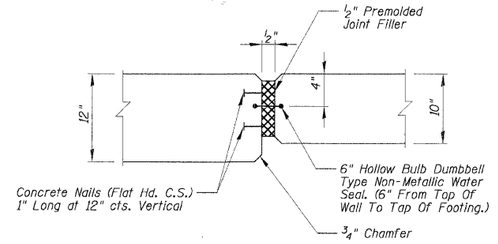
CONTRACT No. 83728



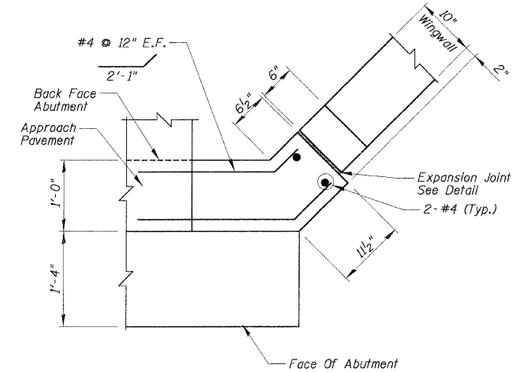
TYPICAL WINGWALL SECTION



TYPICAL WINGWALL ELEVATION



TYPICAL EXPANSION JOINT DETAIL



CORNER DETAIL

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 1

STA. 19+20.00

WINGWALL AND DETAILS

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

PLAN: SURVEYED, PLOTTED, CROSS CHECKED, ALIGNMENT CHECKED, QUAN. ACCEPTED, CADD FILE NAME, NOTE BOOK, NO. — BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, QUAN. ACCEPTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO. — BY, DATE

3/30/2009

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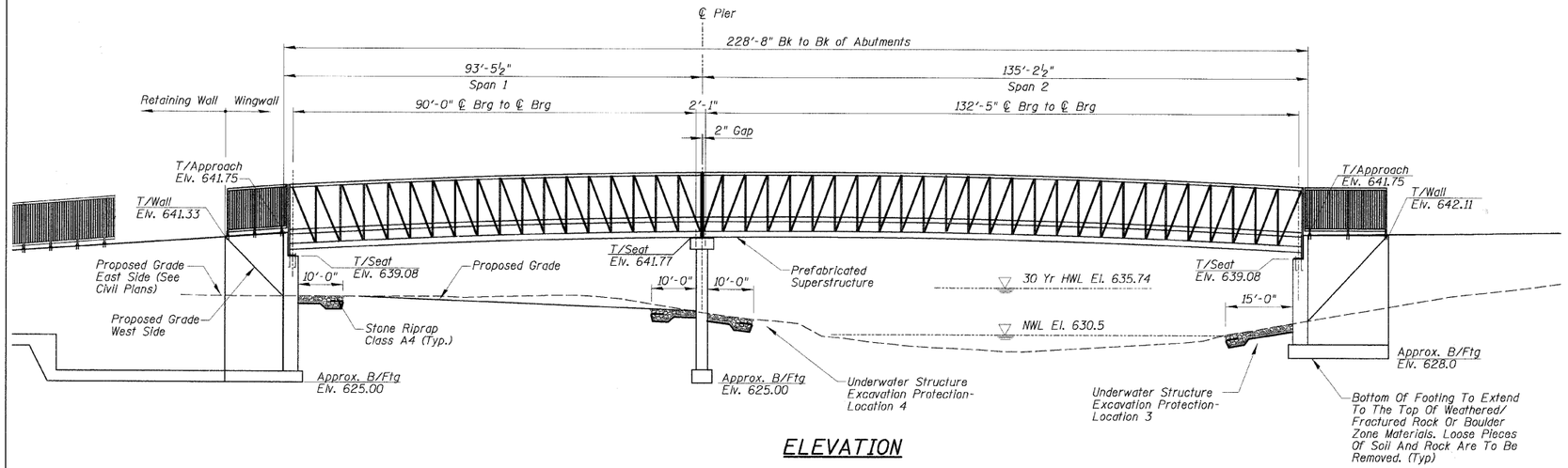
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	25
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

NOTE: Camber Overall Bridge Profile 1% Of The Bridge Length But At No Point Along The Bridge Shall The Deck Slope Be Greater Than 5%, Taking Into Account The Difference In Bearing Elevations. In Addition, All Truss Verticals Shall Be Plumb.



ELEVATION

BILL OF MATERIAL (BRIDGE 2)

ITEM	DESCRIPTION	UNIT	QUANTITY
* 20700400	Porous Granular Embankment, Special	Cu. Yd.	135
28100107	Stone Riprap, Class A4	Sq. Yd.	140
28200200	Filter Fabric	Sq. Yd.	140
50200100	Structure Excavation	Cu. Yd.	375
50300225	Concrete Structures	Cu. Yd.	166
50800205	Reinforcement Bars, Epoxy Coated	Pound	24,000
* X5020503	Underwater Structure Excavation Protection- Location 3	Each	1
* X5020504	Underwater Structure Excavation Protection- Location 4	Each	1
50901725	Bicycle Railing, Special	L.F.	66
* X0322508	Pedestrian Truss Superstructure (Bridge 2)	Sq. Ft.	2,720

* Special Provision

BRIDGE REACTION TABLE

(90'-0" SPAN)

ITEM	P (LBS) BRG.	H (LBS) ABUTMENT	L (LBS)
DEAD LOAD (2)	22,950	---	---
UNI. LIVE LOAD	23,460	---	---
VEHICLE LOAD	6,000	---	---
UPLIFT WIND 20 PSF WINDWARD/LEEWARD	-8,970/ -2,990	---	---
WIND	±2,690	7,765	---
THERMAL (2)	---	---	3,445

(1) Bridge Lifting Weight : 32,200

(2) Total Bridge Weight : 91,800

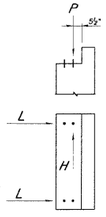
BRIDGE REACTION TABLE

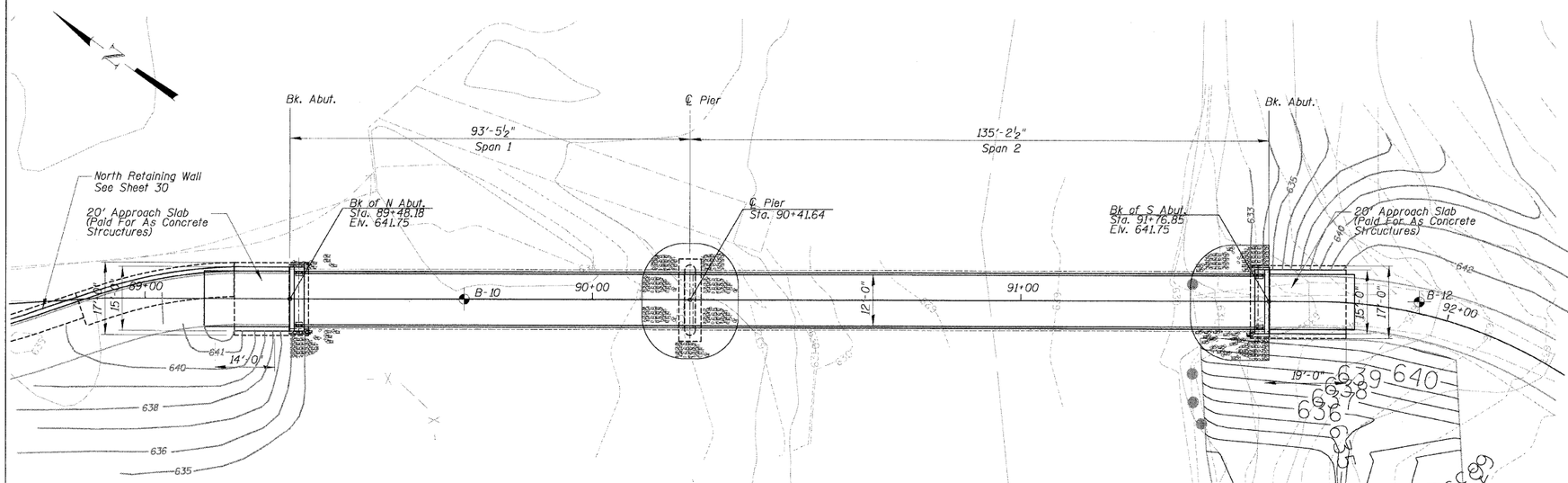
(132'-5" SPAN)

ITEM	P (LBS) BRG.	H (LBS) ABUTMENT	L (LBS)
DEAD LOAD (2)	45,430	---	---
UNI. LIVE LOAD	33,915	---	---
VEHICLE LOAD	6,000	---	---
UPLIFT WIND 20 PSF WINDWARD/LEEWARD	-13,635 -4,545	---	---
WIND	±7,385	18,810	---
THERMAL (2)	---	---	6,815

(1) Bridge Lifting Weight : 66,000

(2) Total Bridge Weight : 181,720





PLAN

WATERWAY INFORMATION

Prop. Low Grade El. 640.74 @ Sta. 82+00 Drainage Area = 121 mi²

Flood		Q cfs Exist.	Q cfs Prop.	Opening ft² Exist.	Opening ft² Prop.	Nat. H.W.E.	Head - ft Exist.	Head - ft Prop.	Headwater El. Exist.	Headwater El. Prop.
10	Main Channel	-	3213.9	-	720.6	635.18	-	0.00	-	635.18
	Outside Channel	-	128.1	-	0.0	635.18	-	0.00	-	635.18
	TOTAL	-	3342	-	720.6	635.18	-	0.00	-	635.18
Design-30	Main Channel	-	4069.5	-	867.4	635.91	-	0.05	-	635.96
	Outside Channel	-	360.0	-	36.7	635.91	-	0.05	-	635.96
	TOTAL	-	4429.5	-	904.1	635.91	-	0.05	-	635.96
100	Main Channel	-	4867.0	-	1037.3	636.71	-	0.07	-	636.78
	Outside Channel	-	796.0	-	164.0	636.71	-	0.07	-	636.78
	TOTAL	-	5663.0	-	1201.3	636.71	-	0.07	-	636.78
500	Main Channel	-	5947.4	-	1284.7	637.62	-	0.00	-	637.62
	Outside Channel	-	1452.6	-	346.8	637.62	-	0.00	-	637.62
	TOTAL	-	7400.0	-	1631.5	637.62	-	0.00	-	637.62

LEGEND

Soil Boring

705 Proposed Grade

All Footings Have Been Designed Based On The Bridge Reactions Shown
"P"- Vertical Load Per Base Plate
"H"- Horizontal Load Per Footing
"L"- Longitudinal Load Per Base Plate

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans. The Design Is An Economical One For The Syle Of Structure And Complies With Requirements Of The Current "AASHTO Standard Specification For Highway And Bridges".

STATE OF ILLINOIS MAJID MOBASSERI 081-005058 CHAMPAIGN, ILLINOIS LICENSED STRUCTURAL ENGINEER

3-27-09

MAJID MOBASSERI
STRUCTURAL ENGINEER
ILLINOIS REGISTRATION No. 081-005058
EXPIRATION DATE: 11/30/10

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 2
STA. 90+40.00
PLAN AND PROFILE

SCALE: NOT TO SCALE DRAWN BY PDR
DATE 3/30/2009 CHECKED BY PLB

PLAN: DATE | BY | SURVEYED | PLOTTED | DESIGNED | CHECKED | R.O.W. MARKED | NOTE BOOK | NO. | ALL DIM. NOTED | STRUCTURE NOTATIONS GRND | CADD FILE NAME

PROFILE: DATE | BY | SURVEYED | PLOTTED | DESIGNED | CHECKED | R.O.W. MARKED | NOTE BOOK | NO. | ALL DIM. NOTED | STRUCTURE NOTATIONS GRND

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	26
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | PLANS CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | BLM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

I GENERAL NOTES

1. All work shall be done in accordance to the Illinois Department of Transportation (IDOT) Standard Specification For Road and Bridge Construction, Adopted January 1, 2007, and latest Supplemental Specifications and recurring Special Provisions, unless noted otherwise. Construction Plans and Subsequent Details are all to be considered as part of the Contract. Incidental Items or Accessories necessary to complete this work may not be specifically noted but are considered a part of this Contract.

2. No Construction Plans shall be used for Construction unless specifically Marked For Construction. Prior to commencement of construction, the Contractor shall verify all dimensions and conditions affecting the work with the actual conditions. If there are discrepancies between the job site and what is shown on the construction plans, The contractor must immediately report to Engineer before doing any work, otherwise the Contractor shall assume full responsibility. In the event of disagreement between the plans and existing conditions and or details, the Contractor shall secure written instruction from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. In 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 questions arising with respect to the true meaning of the Construction Plans or Specifications, the decision of the Engineer shall be final and conclusive.

3. Contractor shall verify all topographic information and grade elevations adjacent to bridge prior to proceeding, inform Engineer of any variation.

4. All compacted fill and backfill material shall be a clean granular material placed in lifts of twelve (12) inches or less in loose thickness and compacted to a minimum of 95 percent of the material's maximum standard proctor dry density (ASTM D-698).

II CAST-IN-PLACE CONCRETE

1. All cast-in-place concrete work and reinforcing steel work shall be In accordance with Sections 503 and 508 respectively of the IDOT Standard SpecificationsFor Road And Bridge Construction, adopted January 1, 2007, and Supplemental Specifications and Recurring Special Provisions and as noted below.

2. Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces cast against earth and 2" for all other surfaces unless otherwise shown.

3. All reinforcement bars shall be epoxy coated.

4. Reinforcement Bars shall conform to the requirements of AASTHO M-31, or M-322 Grade 60. Field bending or cutting shall not be permitted.

5 Reinforcing bar bending dimensions are out to out.

6. Reinforcing bar bending details shall be in accordance with the "Manual of Standard Practice for Detailing Reinforced Concrete Structures". ACI 315, latest edition. Shop bending and placement drawings shall be submitted to the Engineer for review and approval prior to fabrication.

7. All C.I.P. concrete shall be class SI concrete and shall have a minimum compressive strength of 3,500 psi @ 28 days.

8. All exposed concrete edges shall be beveled $\frac{3}{4}$".

9. All Walking Surfaces Shall Receive a "Broom" Finish.

III PREFABRICATED PEDESTRIAN BRIDGE

The Prefabricated Pedestrian Bridge shall be designed, fabricated, delivered and erected according to the Special Provisions of "Pedestrian Truss Superstructure" and design plans.

1. Style: Pratt Truss or Approved Equal.

2. Span: 90'-0" & 132'-5" ℄ to ℄ of bearing of the bridge structures.

3. Loading: Per AASHTO Guide Specification for Design of Pedestrian Bridges.
   Dead Load : Actual weight of the structure
   Live Load : 85 PSF or H6 (12,000 Lb) vertical load. Vertical impact is not required.
   Wind Load : 35 PSF on the full vertical projected area of the bridge, as if enclosed.

4. Finishes: All steel shall be unpainted weathering steel conforming to the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel."

5. Quality: The bridge manufacturer shall maintain proper records assuring that all steel, bolts, and materials used are in accordance with material specified. The bridge shall be identified and marked with a permanent nameplate showing the manufacturers name, location, date of manufacture, and load carrying capacity. Structural material shall be traceable to each bridge. All welders shall be qualified in accordance with AWS D1.1-2002 structural welding code. All workmanship shall be in compliance with AASHTO and AISC standard practice. Full penetration weld details used in shop splices shall be submitted to the Engineer to determine testing required (If any).

6. Delivery: Bridges shall be delivered by truck to a location nearest the site accessible by roads.

7. Field welding of construction accessories will not be permitted to beams or girders.

IV CONSTRUCTION

1. Do not scale dimensions for construction. Scale, If shown, applies only to full size drawings.

2. No construction joints, except those shown on the plans, will be allowed unless directed by the Engineer.

3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. and the City of Naperville. prior to excavation.

4. Shop working or layout drawings pertaining to the construction of the work, as may be required, shall be submitted to the Engineer for approval prior to the start of construction.

5. Upon completion, the contractor shall collect and remove all construction debrls and excess material from the site. Damaged trees, shrubs, and other landscape features resulting from construction activities shall be replaced or repaired.

6. All bearing surfaces must be true and level.

7. Contractor must coordinate with Bridge Manufacturer to ensure proper placement of cast-in-place anchors. If the contractor elects to use post-installed anchors in lieu of cast-in-place anchors, he must coordinate the plate dimensions, bolt spacing and bolt quantity with the Bridge Manufacturer prior to construction.

8. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

9. Bridge Seat Sealer shall be applied to the seat area of both abutments.

V FOUNDATION NOTES

1. The minimum allowable bearing capacity on weathered/fractured rock or boulder zone materials shall be 8000 PSF based on the soil report prepared by Testing Service Corporation, File No. L-67,825 dated Aug. 6, 2007 and File No. L-67, 825A dated Sept. 25, 2007. Any loose pieces of soil or rock must be removed.

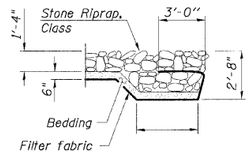
2. The contractor is responsible for design, installation and removal of all excavation support systems.

3. The excavation and work area shall be properly drained at all times during construction. all wet, loose, frozen or other unsuitable material shall be removed prior to placement of concrete or compacted backfill.

4. All bearing surfaces must be true and level.

5. It shall be the responsibility of the Contractor to divert the stream flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the City and County. The cost shall be included with "Underwater Structure Excavation Protection" at the location shown in the plans.

6. The Contractor shall submit a plan to the City and County for approval if dewatering is required. Any dewatering shall not be paid for separately, but shall be included in "Underwater Structure Excavation Protection" at the location shown in the plans.



FLANK STONE RIPRAP DETAIL

LAP SPLICE SCHEDULE	
BAR SIZE	CLASS "B" SPLICE
#4	1'-10"
#5	2'-3"
#6	2'-9"
#7	3'-8"

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 2
STA. 90+40.00
GENERAL NOTES

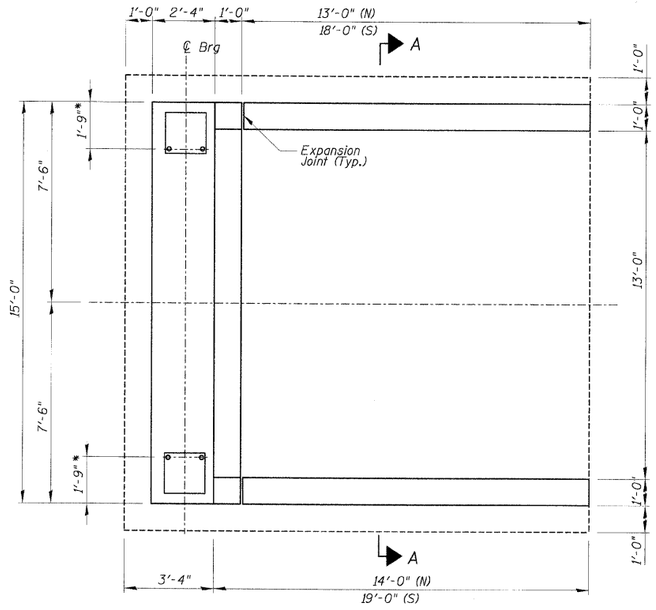
SCALE: NOT TO SCALE — DRAWN BY PDR
DATE 3/30/2009 — CHECKED BY PLB

3/30/2009

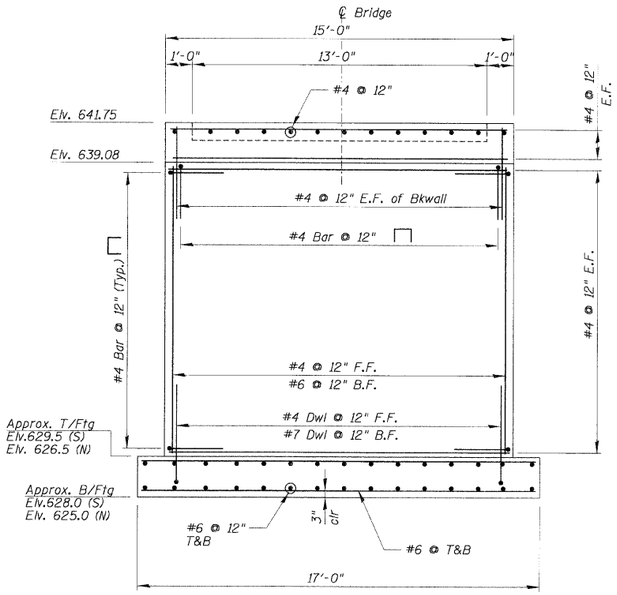
N:\Naperville\070014BStruct\070014 SG.PLN

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	27
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

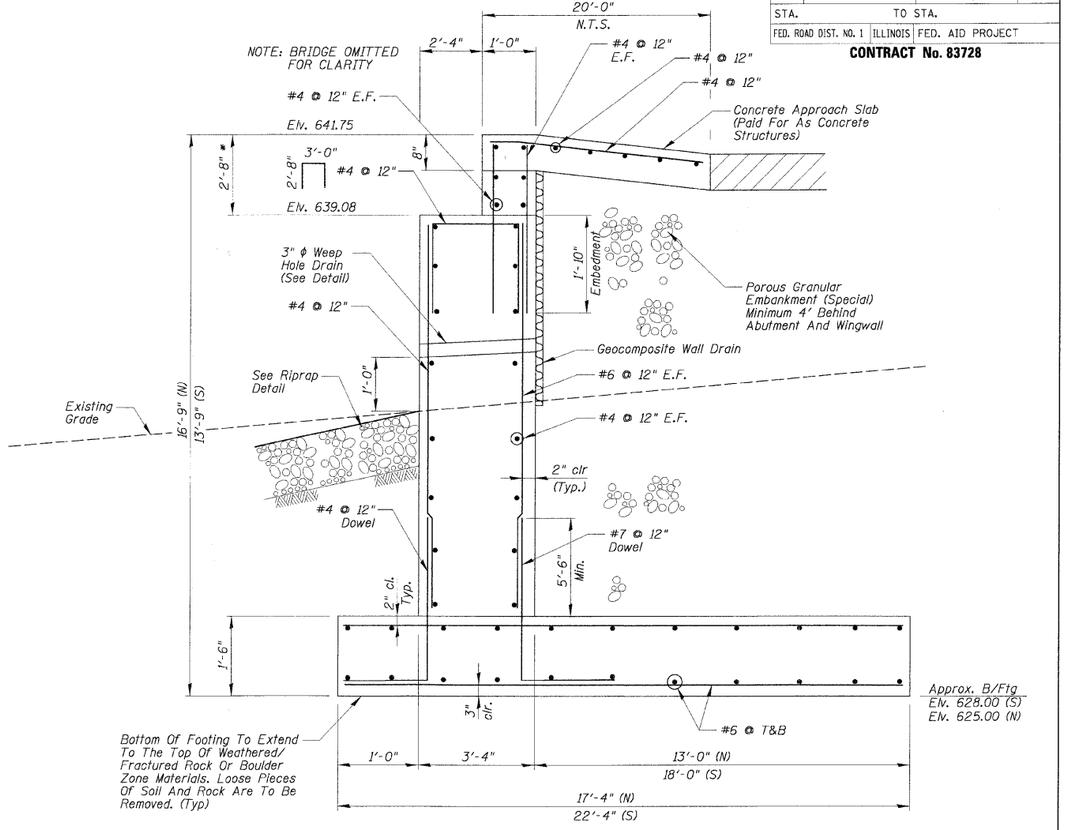
CONTRACT No. 83728



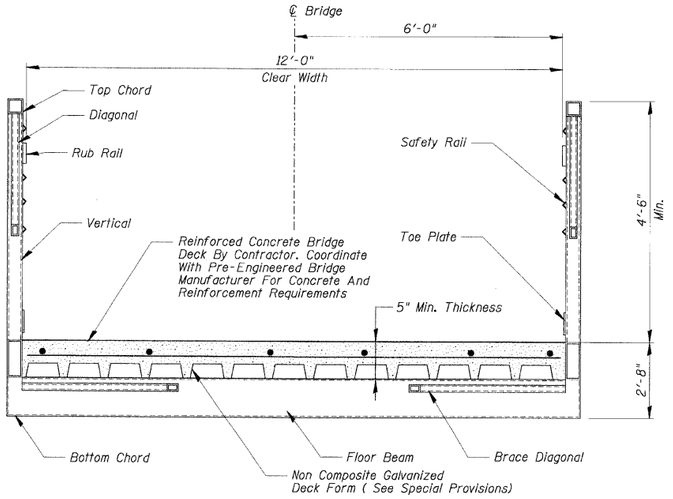
ABUTMENT PLAN



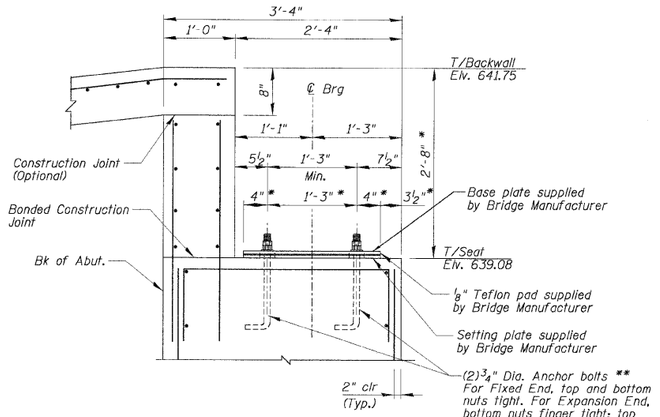
ABUTMENT ELEVATION



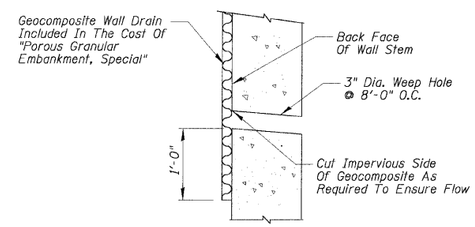
SECTION THRU ABUTMENT



SECTION THRU FABRICATED BRIDGE SUPERSTRUCTURE



BEARING DETAIL AT ABUTMENTS



WEEP HOLE DRAIN

NOTES:

* Contractor shall coordinate all dimensions with Bridge Manufacturer prior to construction.

** Contractor has the option of substituting anchor bolts with 4-3/4" ϕ HILTI HAS-EE AISI 304 SS Bolts embedded $6\frac{5}{8}$" into HIT HY 150 Injection adhesive. Bolts shall not be placed less than 5" from the edge of the structure or less than 6" apart. Contractor shall coordinate plate dimensions, bolt spacing and bolt quantity with Bridge Manufacturer prior to construction.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 2

STA. 90+40.00

ABUTMENTS AND BRIDGE SECTION

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.M. NOTED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, DIMENSIONS CHECKED, R.M. NOTED, STRUCTURE NOTATIONS OK'ED, NOTE BOOK NO., BY, DATE

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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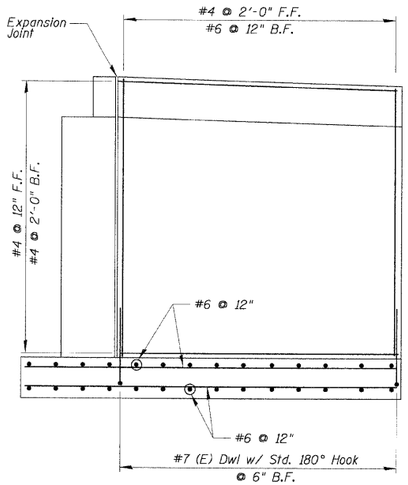
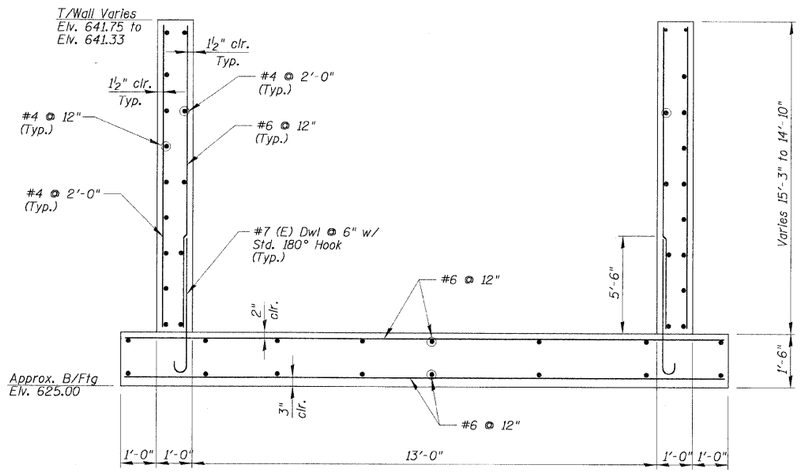
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

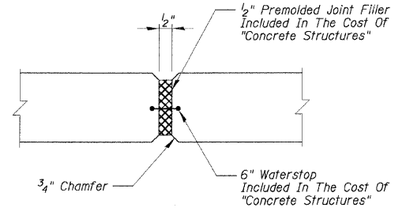
PLAN — SURVEYED / PLOTTED / PLOTTED BY COMPUTER / DLN. NOTED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE



WINGWALL ELEVATION (N)

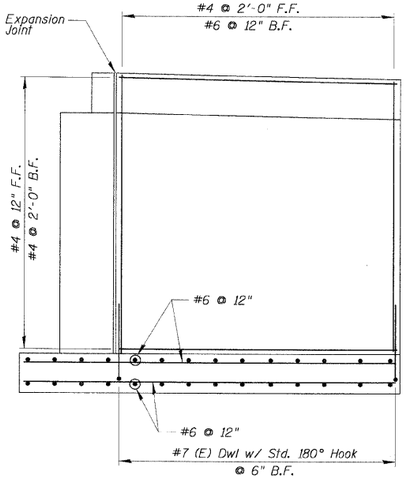


SECTION A-A (N)

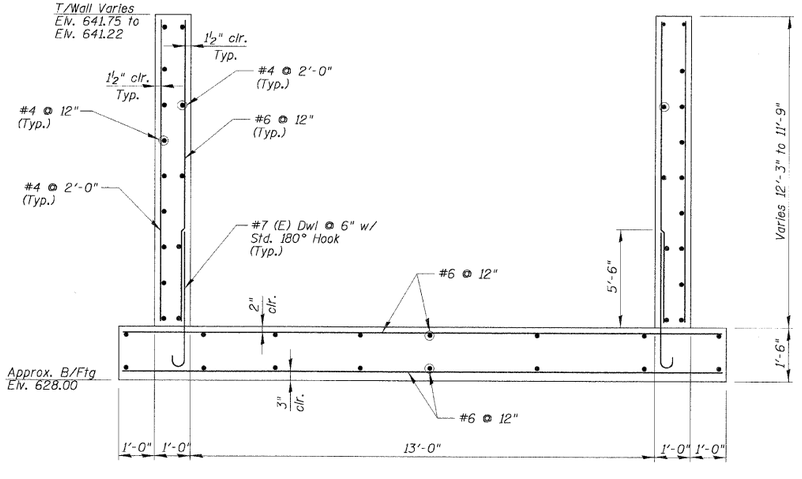


TYPICAL EXPANSION JOINT DETAIL

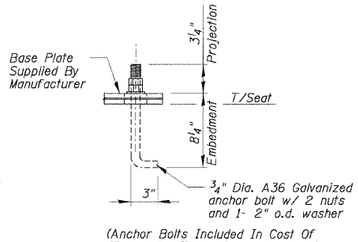
PROFILE — SURVEYED / PLOTTED / PLOTTED BY COMPUTER / DLN. NOTED / STRUCTURE NOTATING CMND / NOTE BOOK / NO. / BY / DATE



WINGWALL ELEVATION (S)

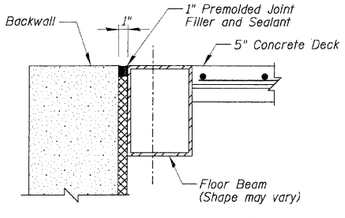


SECTION A-A (S)



(Anchor Bolts Included In Cost Of "Pedestrian Truss Superstructure")

ANCHOR BOLT DETAIL



(Premolded Joint Filler Included In Cost Of "Pedestrian Truss Superstructure")

JOINT SEAL AT ABUTMENT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 2

STA. 90+40.00

WIMGWALL AND DETAILS

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

3/30/2009

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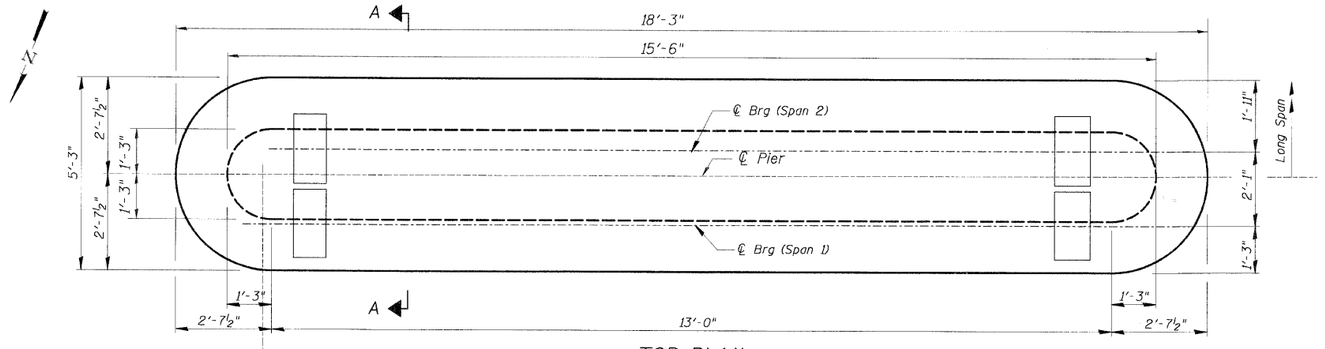
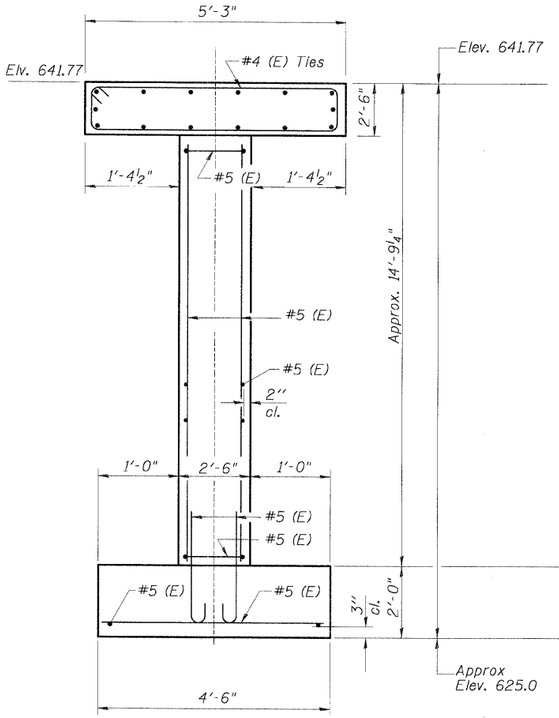
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	29
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

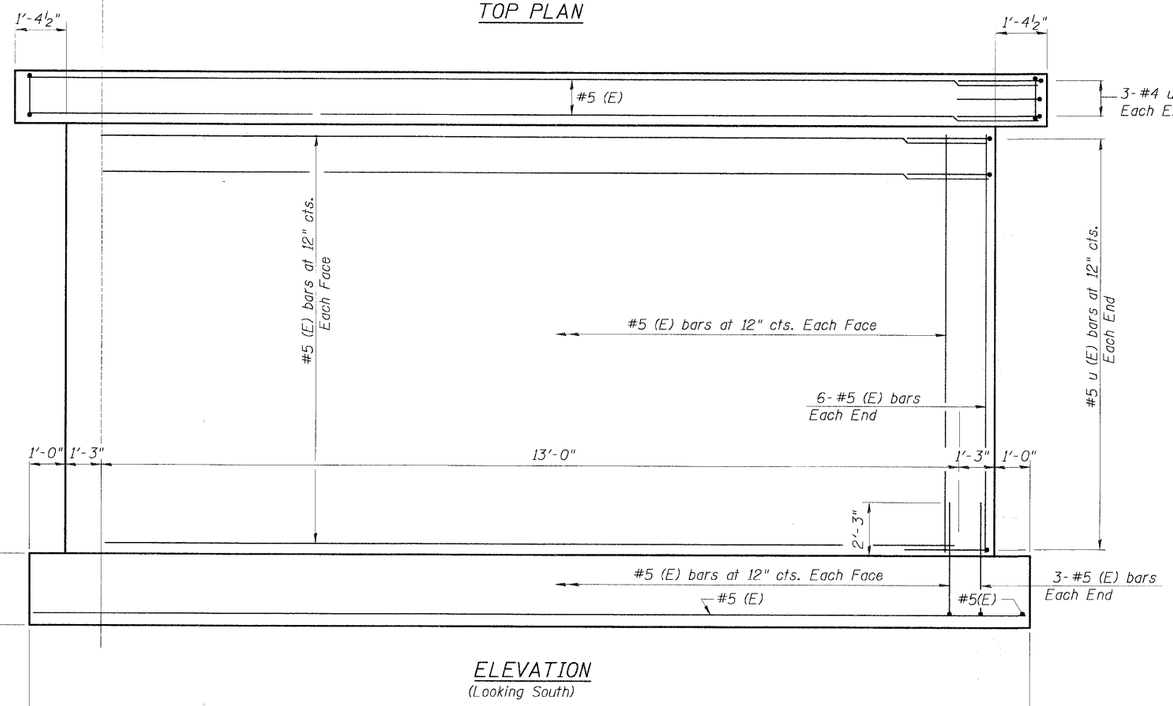
Notes:
Space reinforcement in cap to miss anchor bolts.



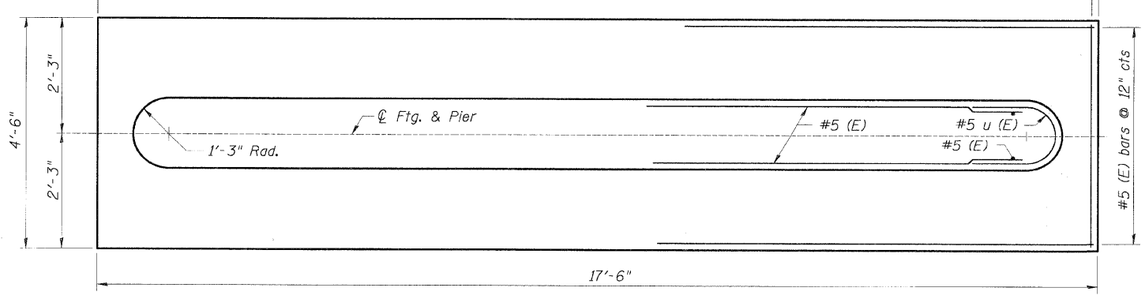
TOP PLAN



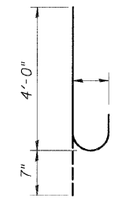
END VIEW



ELEVATION
(Looking South)



FOOTING PLAN



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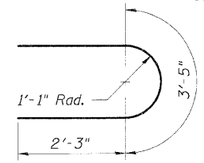

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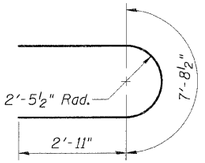
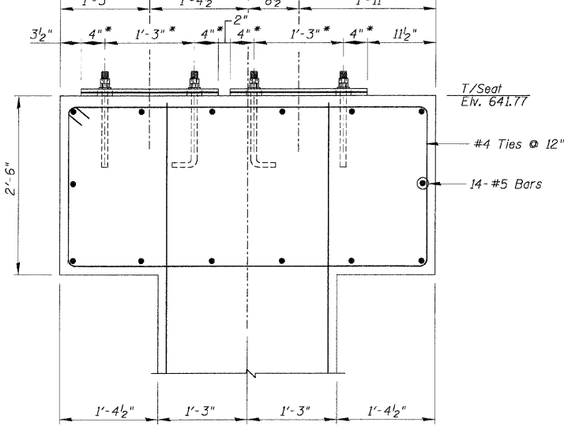


BAR u1 (E)



BEARING DETAIL
SECTION A-A

* Contractor Shall Coordinate All Dimensions With Bridge Manufacturer Prior To Construction.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE 2
STA. 90+40.00
PIER

SCALE: NOT TO SCALE
DRAWN BY PDR
DATE 3/30/2009
CHECKED BY PLB

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, PLANS NOTED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE
PROFILE: SURVEYED, PLOTTED, PROFILE CHECKED, B.M. NOTED, STRUCTURE NO'S/ANG SKWD, NOTE BOOK, NO., BY, DATE

3/30/2009
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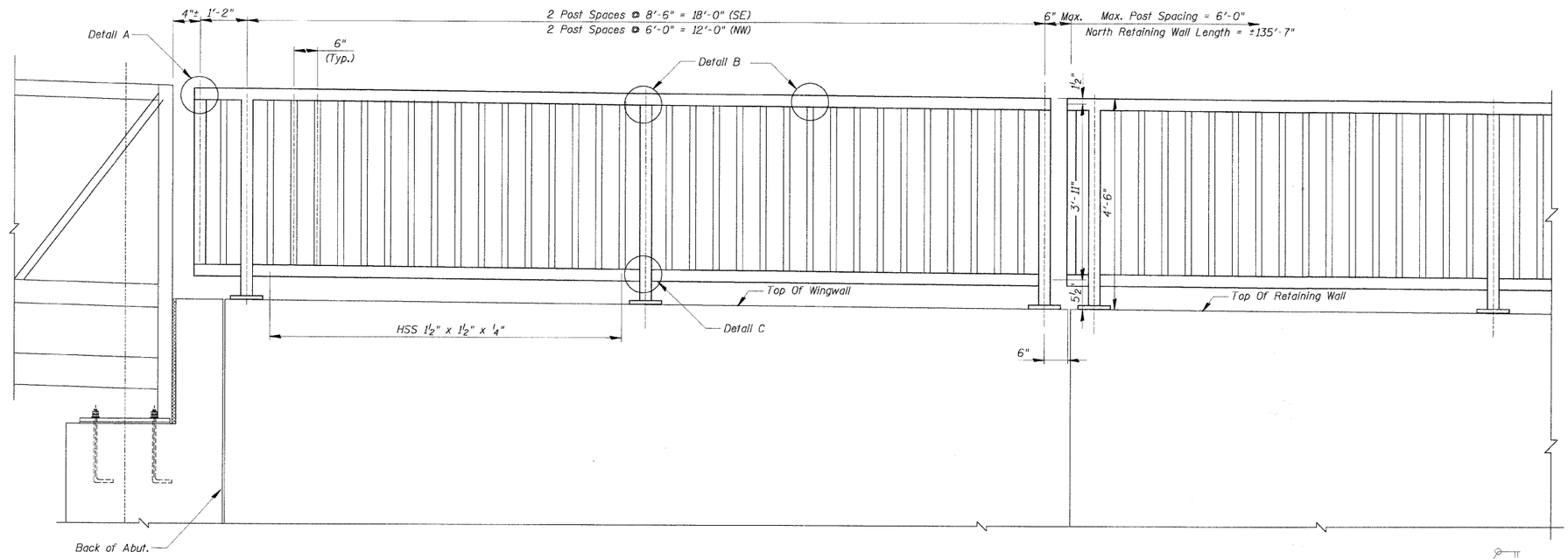
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	30
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

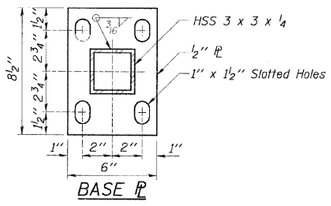
CONTRACT No. 83728

NOTES:

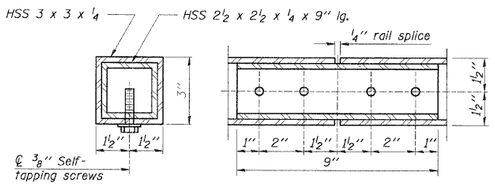
1. Railing shall be according to Section 509 of the Standard Specifications except as noted, and will be paid for at the Contract Unit Price per foot for Bicycle Railing, Special.
2. Hollow structural tubing shall conform to the requirements of ASTM designation A 500, Grade B, structural tubing.
3. All other steel shapes and plates shall conform to the requirements of AASHTO M 270M Grade 36.
4. All posts, railing, splices, anchor devices and bent plates shall be painted according to Special Provision "Cleaning And Painting New Metal Structures"
5. Space reinforcement to miss anchor rods.
6. All post shall be vertical.



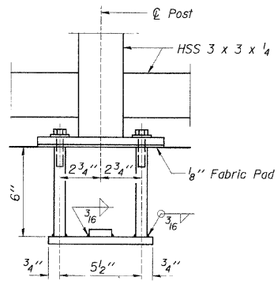
BICYCLE RAILING

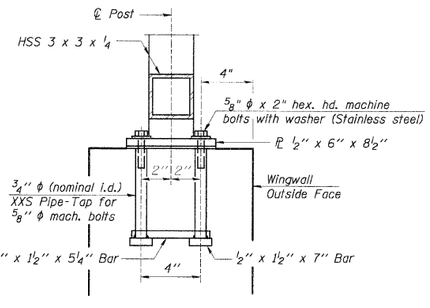


BASE PL



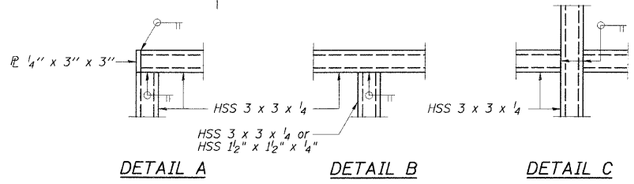
RAIL SPLICE



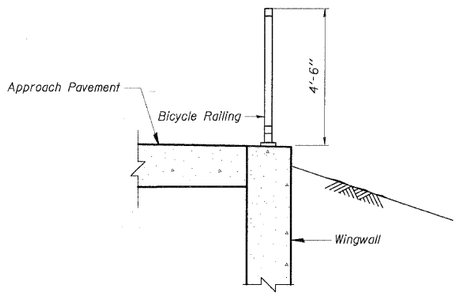


ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



DETAIL A DETAIL B DETAIL C



SECTION THRU WINGWALL/ PAVEMENT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE 2

STA. 90+40.00

BICYCLE RAILING DETAIL

SCALE: NOT TO SCALE DRAWN BY PDR

DATE 3/30/2009 CHECKED BY PLB

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, NOTE BOOK, NO., R.O.W. MARKED, CADD FILE NAME, BY, DATE

PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, NOTE BOOK, NO., E.M. NOTED, STRUCTURE NOTATING CHKD, BY, DATE

3/30/2009

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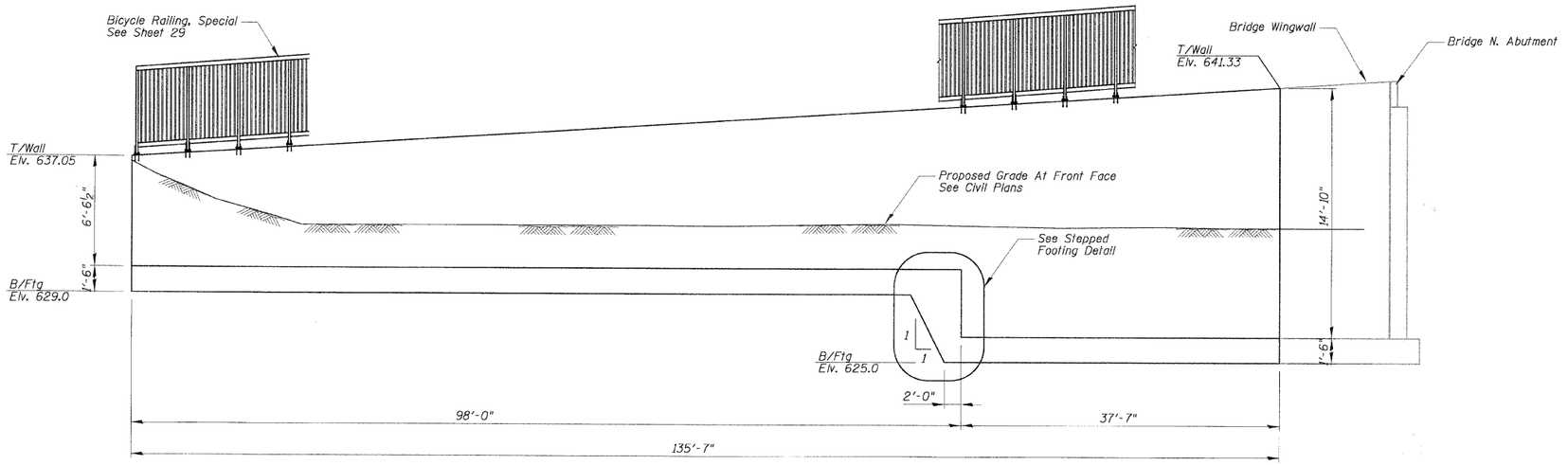
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	31
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728



ELEVATION

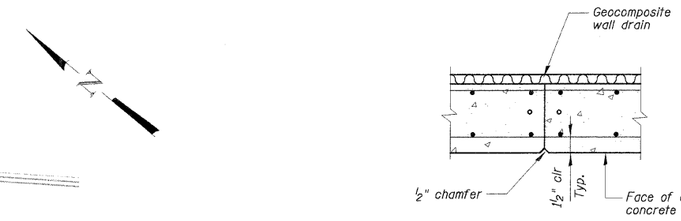
BILL OF MATERIAL (NORTH RETAINING WALL)

ITEM	DESCRIPTION	UNIT	QUANTITY
* 20700220	Porous Granular Embankment	Cu. Yd.	20
20700400	Porous Granular Embankment, Special	Cu. Yd.	106
50200100	Structure Excavation	Cu. Yd.	400
50300225	Concrete Structures	Cu. Yd.	102
50800205	Reinforcement Bars, Epoxy Coated	Pound	15,000
50901725	Bicycle Railing, Special	L.F.	135

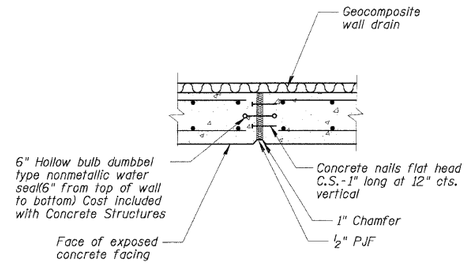
* Special Provision

RETAINING WALL NOTES:

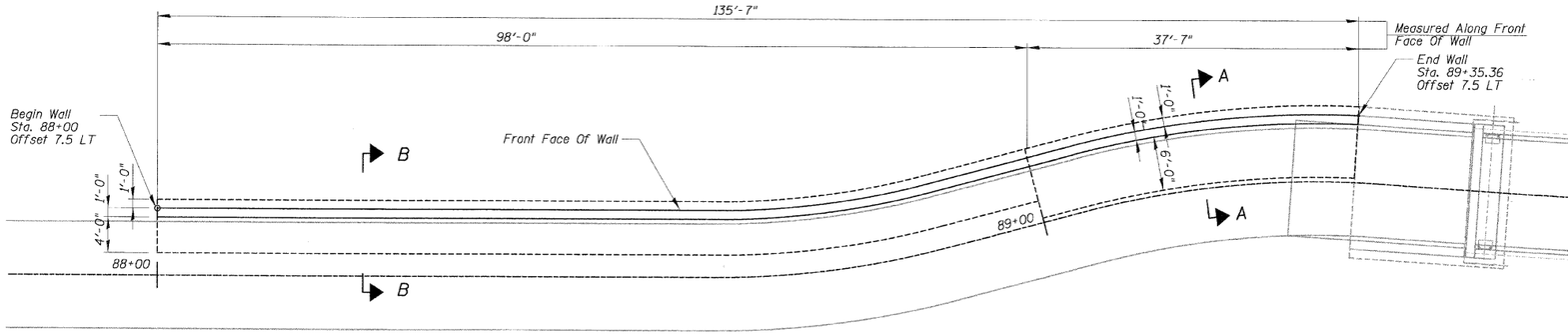
1. Contractor Shall provide Expansion Joints At 90'-0" Max. Spacing.
2. Contractor Shall Provide ½" Control Joints At 30'-0" Max. Spacing.
3. The Walls Shall Be Backfilled To Proposed Elevation On The Front Face Prior To Backfilling Behind The Walls.



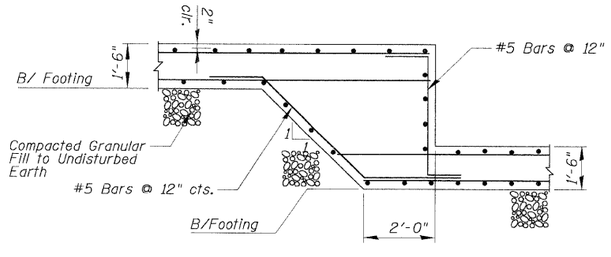
CONSTRUCTION JOINT



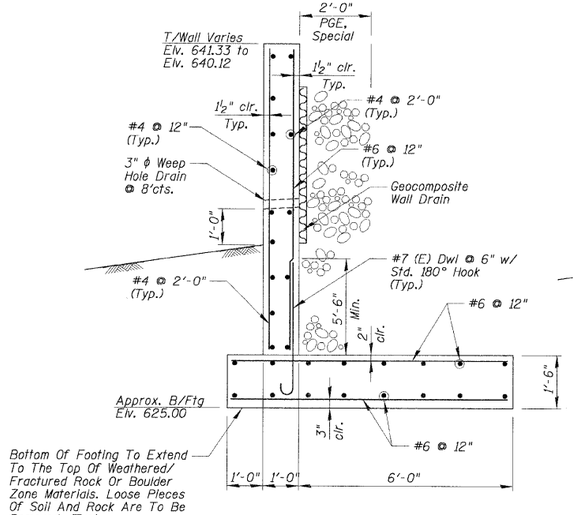
EXPANSION JOINT



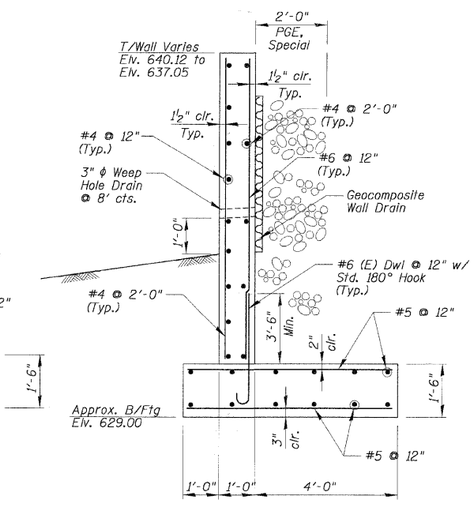
PLAN



STEPPED FOOTING DETAIL



SECTION A-A



SECTION B-B

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

NORTH RETAINING WALL

SCALE: NOT TO SCALE — DRAWN BY PDR

DATE 3/30/2009 — CHECKED BY PLB

PLAN / PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, ELM. NOTED, STRUCTURE NO.TAINS GRKD, NOTE BOOK, CADD FILE NAME, BY, DATE

3/30/2009

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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	99-00109-01-BT	DU PAGE	74	32
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 83728

PROJECT DuPage River Trail - Segment 4, Naperville, Illinois
CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois
BORING 2 DATE STARTED 7-11-07 DATE COMPLETED 7-11-07 JOB L-67,825
ELEVATIONS
GROUND SURFACE 641.0
END OF BORING 629.8
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 3.5 '
▽ AT END OF BORING 3.0 '
▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	3	23.1			2.0	639.0	Black CLAY LOAM (topsoil), trace gravel, moist A-7-5
2	SS	12	28.5			3.5	637.5	Firm black SANDY LOAM, trace gravel, ▽trace organic, occasional Cobbles, moist to ▼very moist A-2-4 LOI=2.7%
3	SS	9				5.5	635.5	Loose gray SAND, little gravel, occasional Cobbles and Boulders, very moist A-1-b
4	SS	17				10.5	630.5	Firm brown SAND, little to some gravel, saturated A-1-b
5	SS	15						
6	SS	100/2"						Weathered/Fractured Rock or Boulder Zone [Hard Drilling]
								Auger Refusal at 11.2'

DISTANCE BELOW SURFACE IN FEET
DRILL RIG NO. 314
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT DuPage River Trail - Segment 4, Naperville, Illinois
CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois
BORING 3 DATE STARTED 7-11-07 DATE COMPLETED 7-11-07 JOB L-67,825
ELEVATIONS
GROUND SURFACE 641.1
END OF BORING 632.4
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 3.5 '
▽ AT END OF BORING 3.0 '
▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	3	37.7	0.5*		2.0	639.1	Black SILTY CLAY (topsoil), very moist A-7-5
2	SS	18						▽ ▼
3	SS	12						Firm brown and gray SAND, little gravel, occasional Cobbles and Boulders, very moist to saturated A-1-b
4	SS	31				8.0	633.1	
5	SS	100/2"						Weathered/Fractured Rock or Boulder Zone [Hard Drilling]
								Auger Refusal at 8.7'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET
DRILL RIG NO. 314
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

BRIDGE AT STA. 19+20.00

PROJECT DuPage River Trail - Segment 4, Naperville, Illinois
CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois
BORING 10 DATE STARTED 7-11-07 DATE COMPLETED 7-11-07 JOB L-67,825
ELEVATIONS
GROUND SURFACE 635.0
END OF BORING 625.0
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 5.5 '
▽ AT END OF BORING 5.5 '
▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	5	22.0			2.0	633.0	Black CLAY LOAM (topsoil), moist to very moist A-7-5
2	SS	5	33.6					Loose to very loose gray to dark gray SANDY LOAM, trace to little organic, very moist to wet A-4/A-2-4
3	SS	2	46.4			5.5	629.5	▽ Sample 3: LOI=4.2%
4	SS	22						Firm gray SAND and GRAVEL, saturated to wet A-1
A 5 B	SS	15/6" 50/4"				9.5	625.5	Weathered/Fractured Rock or Boulder Zone [Hard Drilling]
								Auger Refusal at 10.0'

DISTANCE BELOW SURFACE IN FEET
DRILL RIG NO. 314
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT DuPage River Trail - Segment 4, Naperville, Illinois
CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois
BORING 12 DATE STARTED 7-11-07 DATE COMPLETED 7-11-07 JOB L-67,825
ELEVATIONS
GROUND SURFACE 634.4
END OF BORING 628.1
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 4.0 '
▽ AT END OF BORING Dry
▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
A 1 B	SS	14	10.0 9.7					Loose to firm brown SANDY LOAM, little gravel, occasional Cobbles and Boulders, moist A-2-4
2	SS	10	11.0			3.5	630.9	▼ Firm to dense brown SAND and GRAVEL, numerous Cobbles and Boulders, moist to very moist A-1
3	SS	22/6" 50/5"	8.0			5.5	628.9	Weathered/Fractured Rock or Boulder Zone [Hard Drilling]
4	SS	100/3"	2.7					Auger Refusal at 6.3'

DISTANCE BELOW SURFACE IN FEET
DRILL RIG NO. 314
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

BRIDGE AT STA. 90+40.00

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE 1 AND BRIDGE 2
STA. 19+20.00 AND STA. 90+40.00
BORING LOGS

SCALE: NOT TO SCALE
DATE 3/30/2009
DRAWN BY PDR
CHECKED BY PLB

PLAN / PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, BAR NOTED, STRUCTURE NOTATNS CHK'D, NOTE BOOK, NO., BY, DATE

3/30/2009

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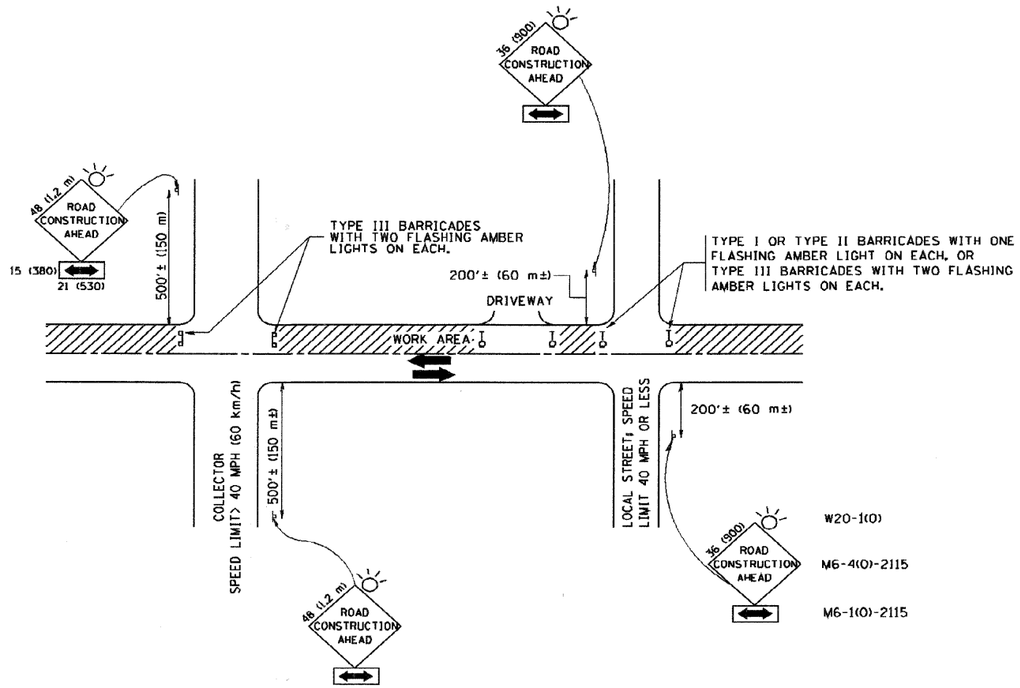


TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES. 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

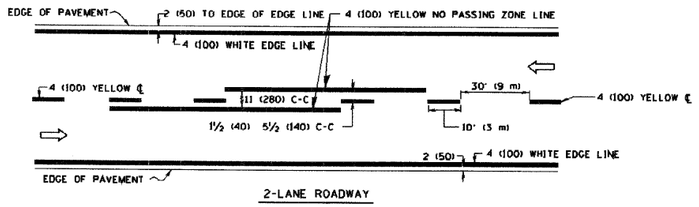
FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

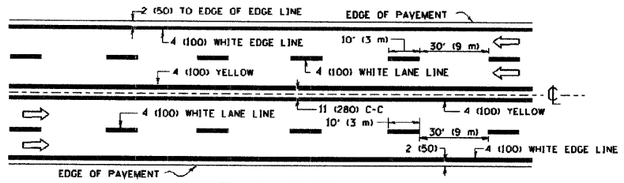
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

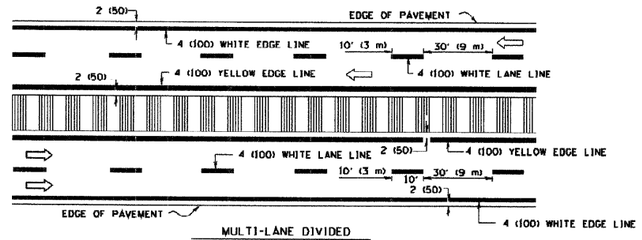
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	33
	TC-10	CONTRACT NO. 83728		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



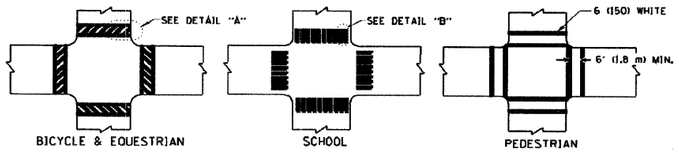
MULTI-LANE UNDIVIDED

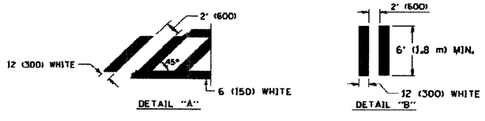


MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

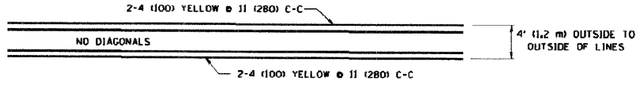
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

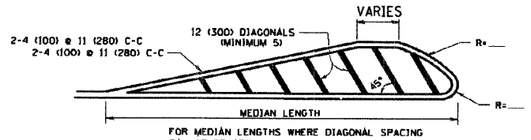




TYPICAL CROSSWALK MARKING



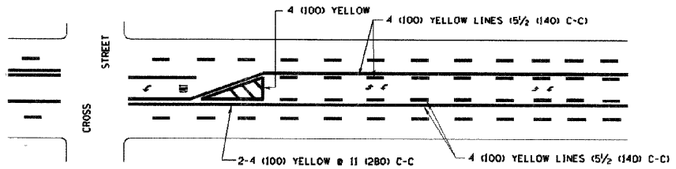
4' (1.2 m) WIDE MEDIANS ONLY



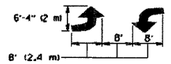
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

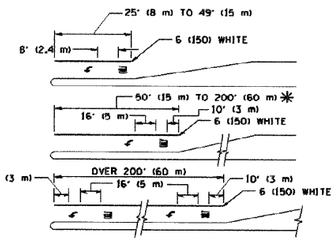


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

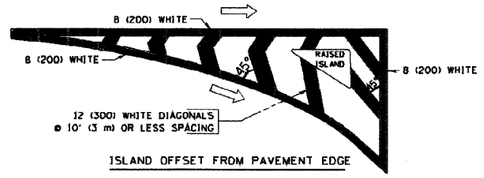


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

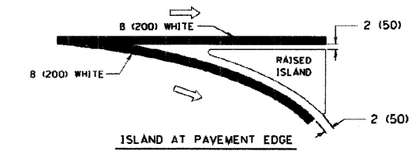
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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 UNDIVEDED 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	5½ (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 5½ (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: "RR"=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.

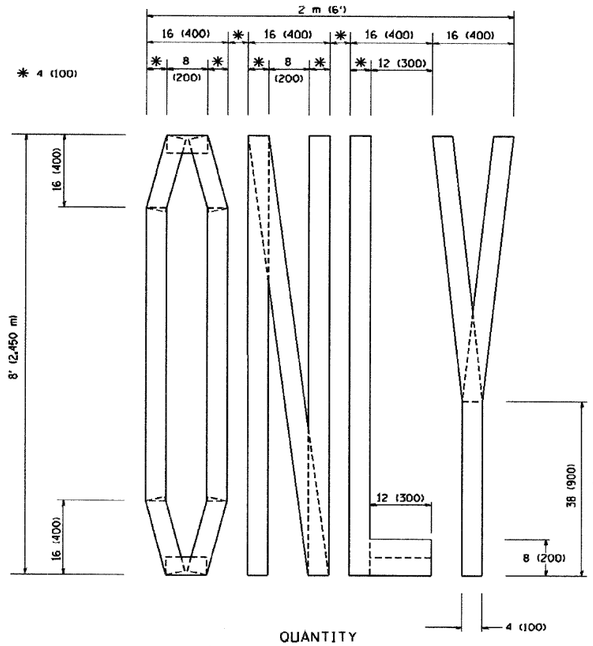
FILE NAME = W:\diststd\22x34\tc13.dgn	USER NAME = geglianobt	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
		DRAWN -	REVISED -A. HOUSEH 10-09-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

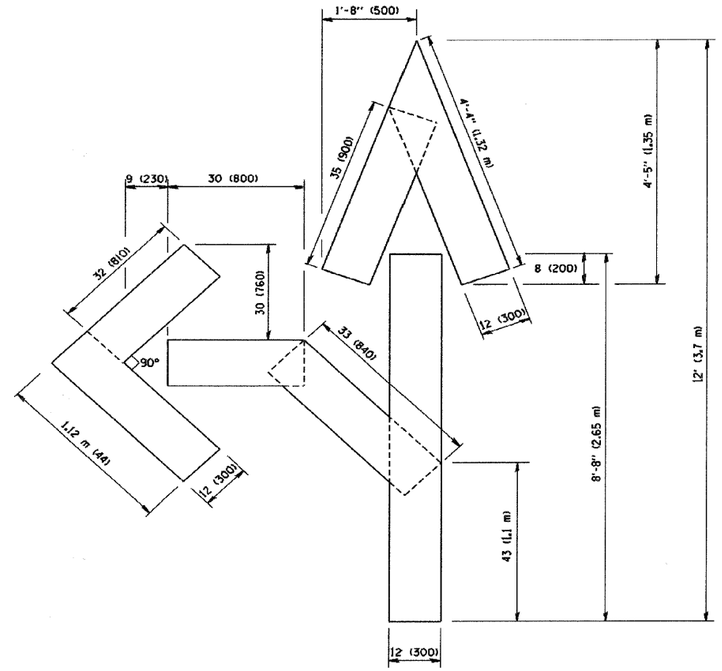
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

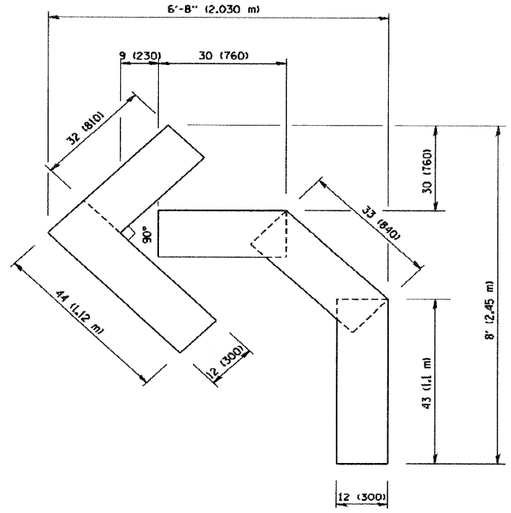
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	34
	TC-13	CONTRACT NO. 83728		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

FILE NAME = W:\diststd\22x34\tc16.dgn	USER NAME = gaglianabt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

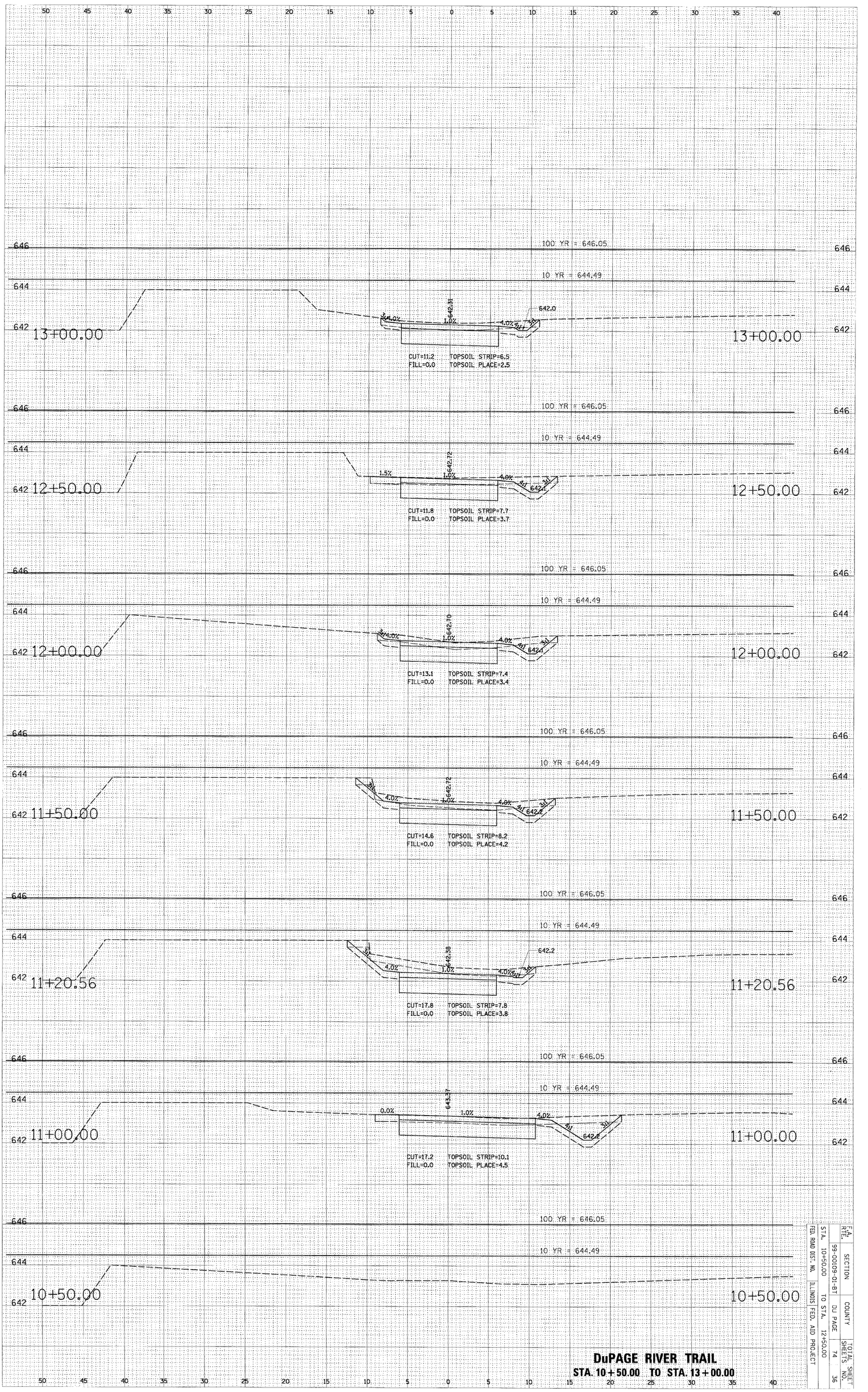
PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	35
	TC-16	CONTRACT NO. 83728		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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



DuPAGE RIVER TRAIL

STA. 10+50.00 TO STA. 13+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74
ILLINOIS FED. AID PROJECT	STA. 10+50.00 TO STA. 12+50.00		SHEETS NO. 36

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

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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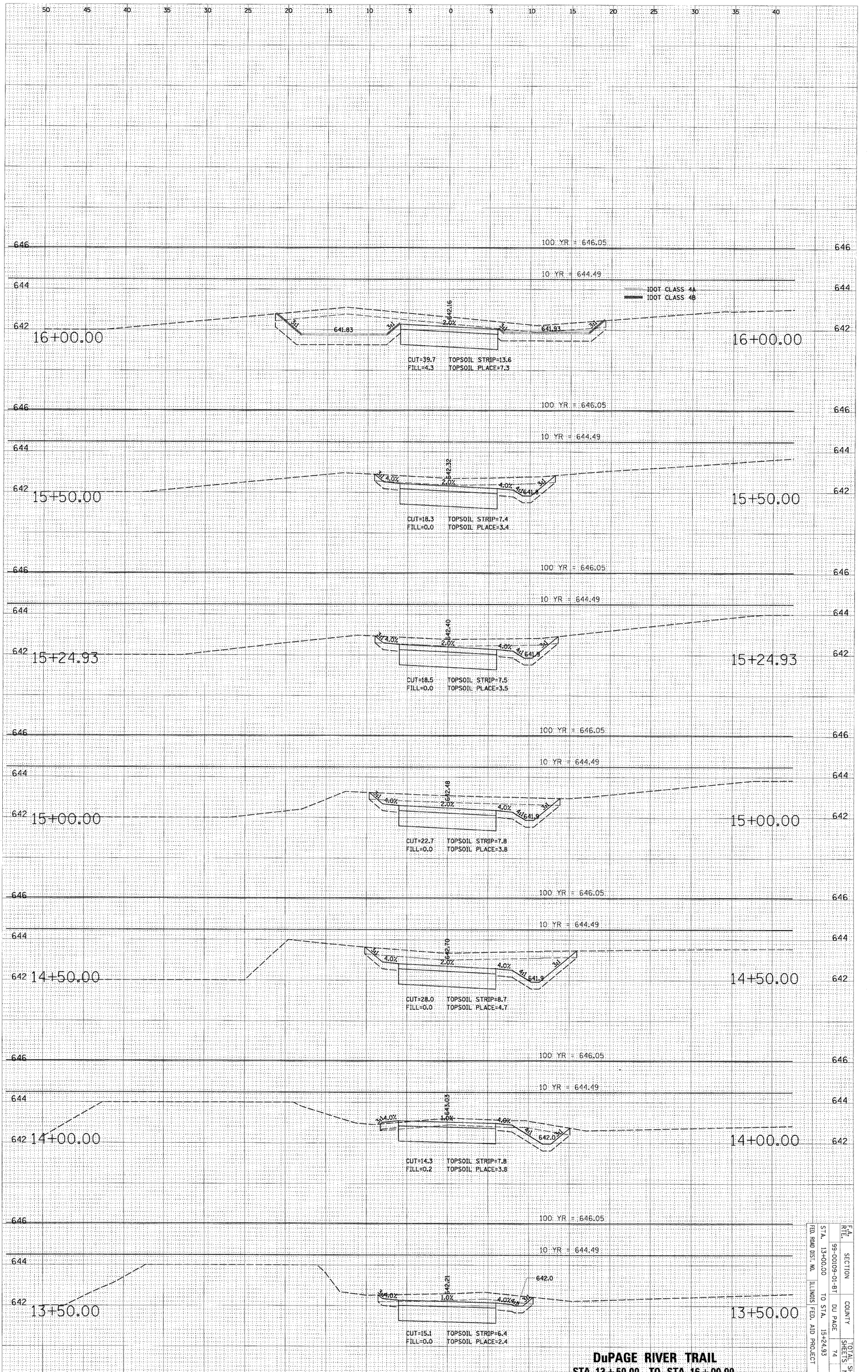

DuPAGE RIVER TRAIL

STA. 13+50.00 TO STA. 16+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
STA. 13+00.00	99-00109-01-BT	TO STA. 15+24.93	74	37

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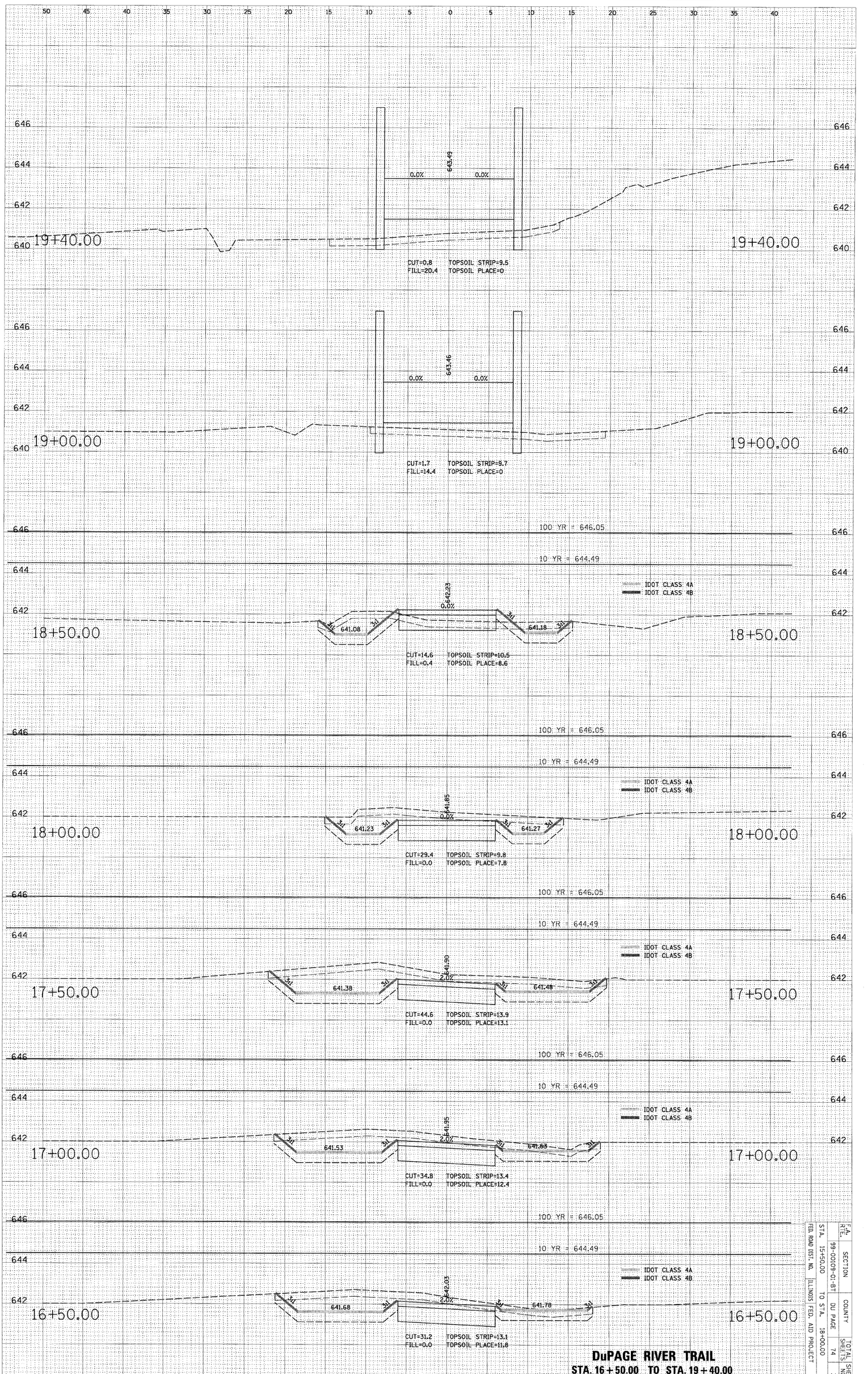
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



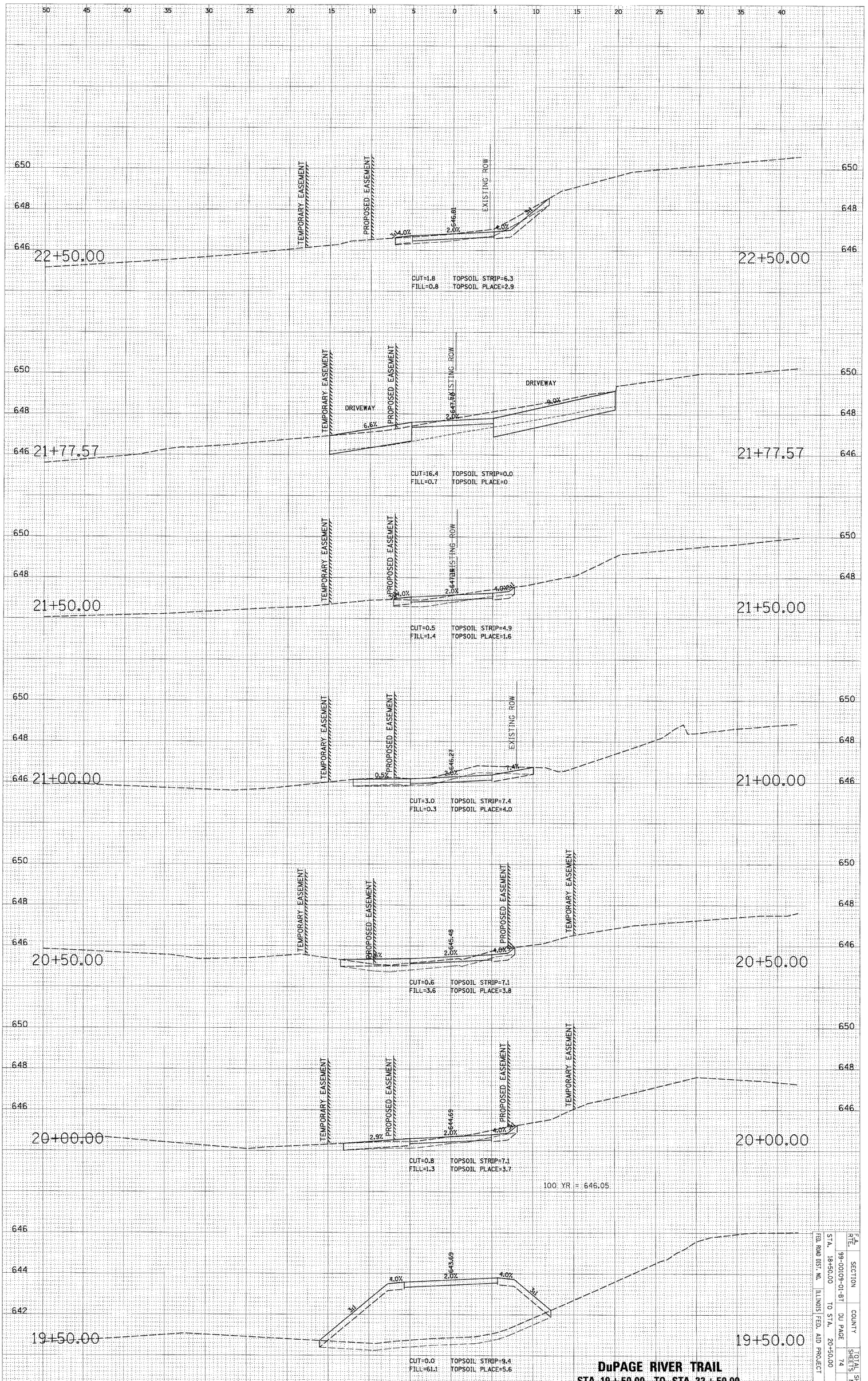
DuPAGE RIVER TRAIL

STA. 16+50.00 TO STA. 19+40.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	38
ILLINOIS FED. AID PROJECT	STA. 15+50.00 TO STA. 18+00.00			

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

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



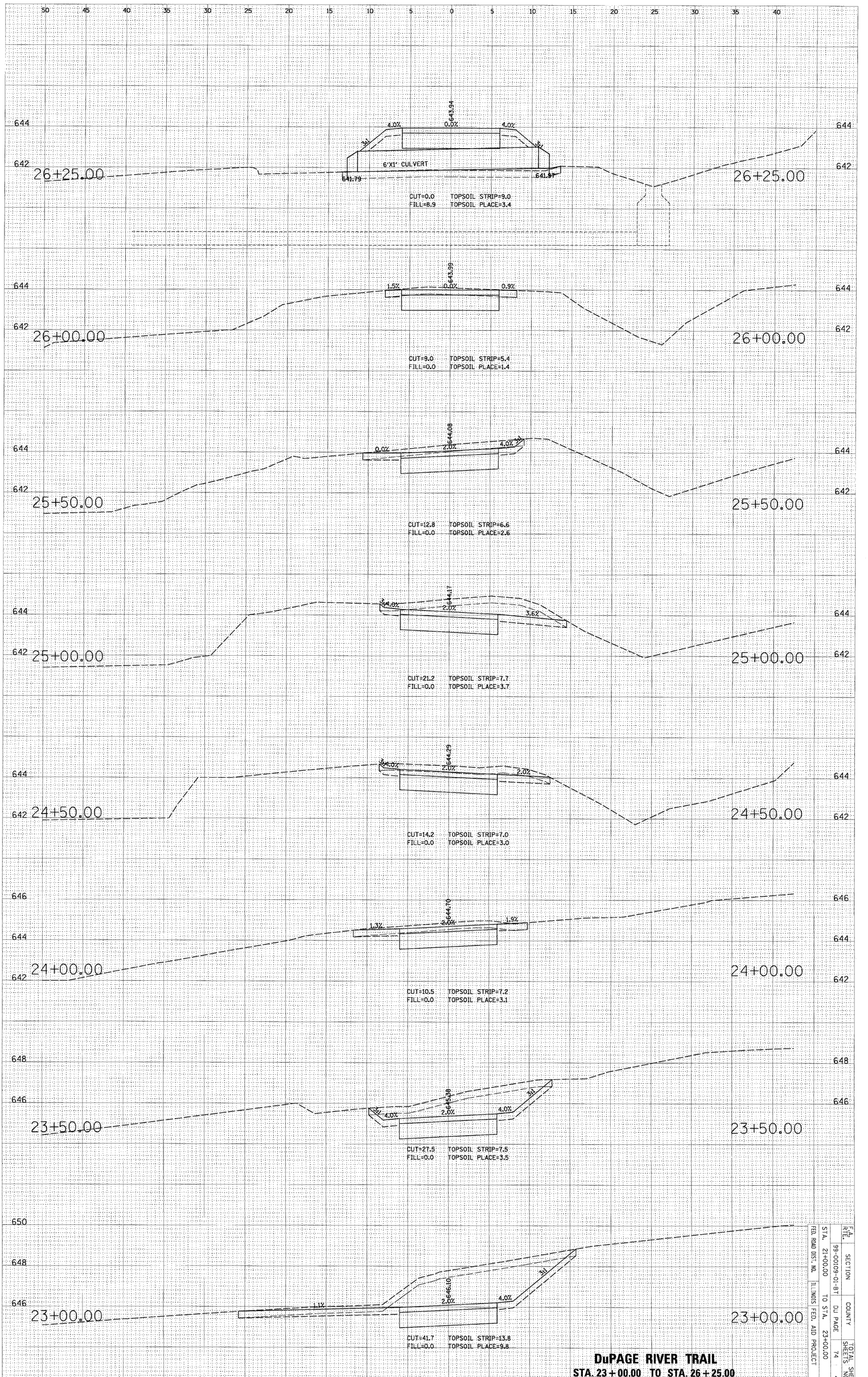
DuPAGE RIVER TRAIL

STA. 19+50.00 TO STA. 22+50.00

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	39
ILLINOIS	STA. 18+50.00	TO STA. 20+50.00		
FED. AID PROJECT				

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

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



DuPAGE RIVER TRAIL

STA. 23+00.00 TO STA. 26+25.00

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 21+00.00	TO STA. 23+00.00	99-00109-01-BT	DU PAGE	74	40

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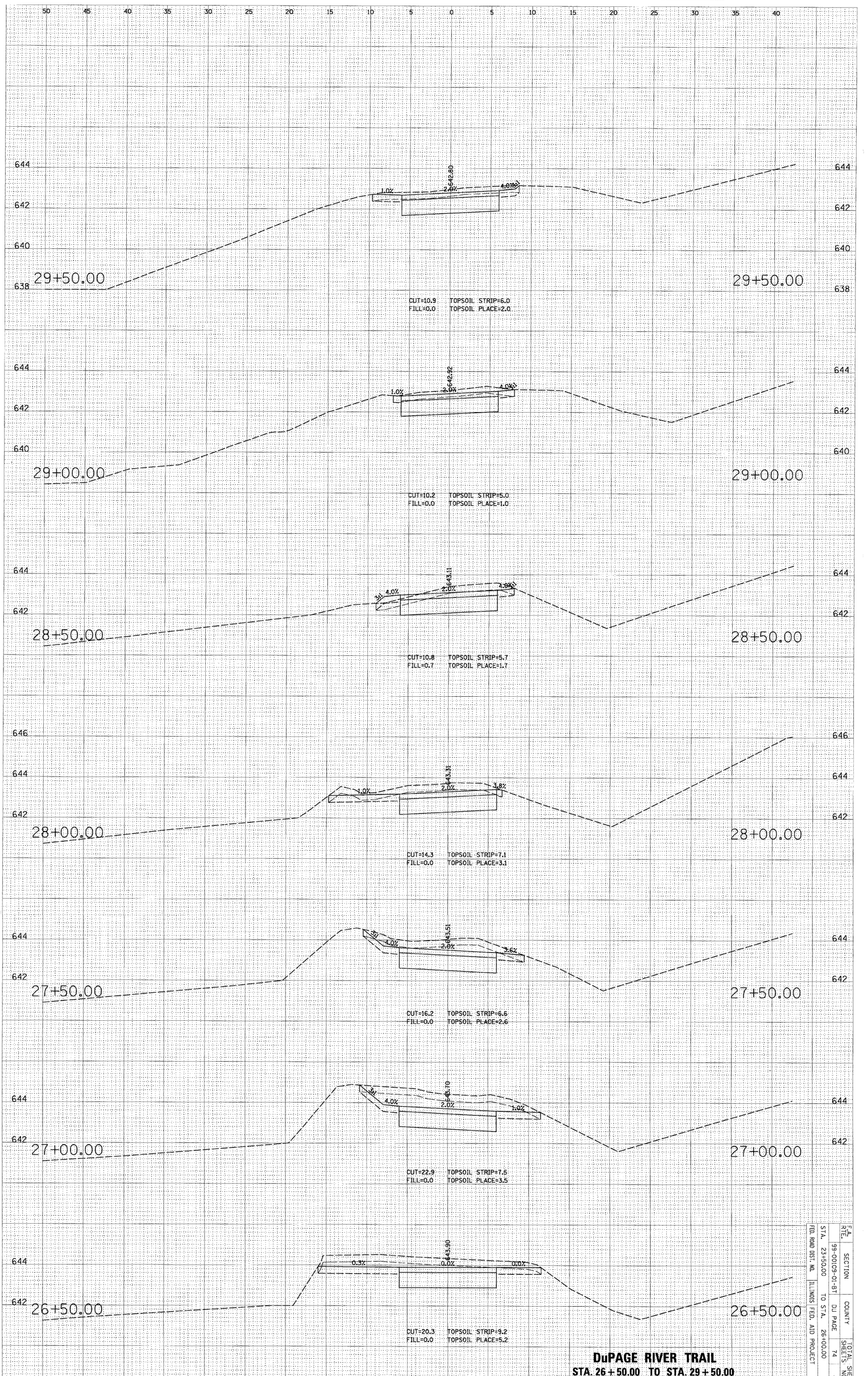
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		



DuPAGE RIVER TRAIL

STA. 26+50.00 TO STA. 29+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	SHEETS NO.
ILLINOIS FED. AID PROJECT	STA. 23+50.00 TO STA. 26+00.00	74	41

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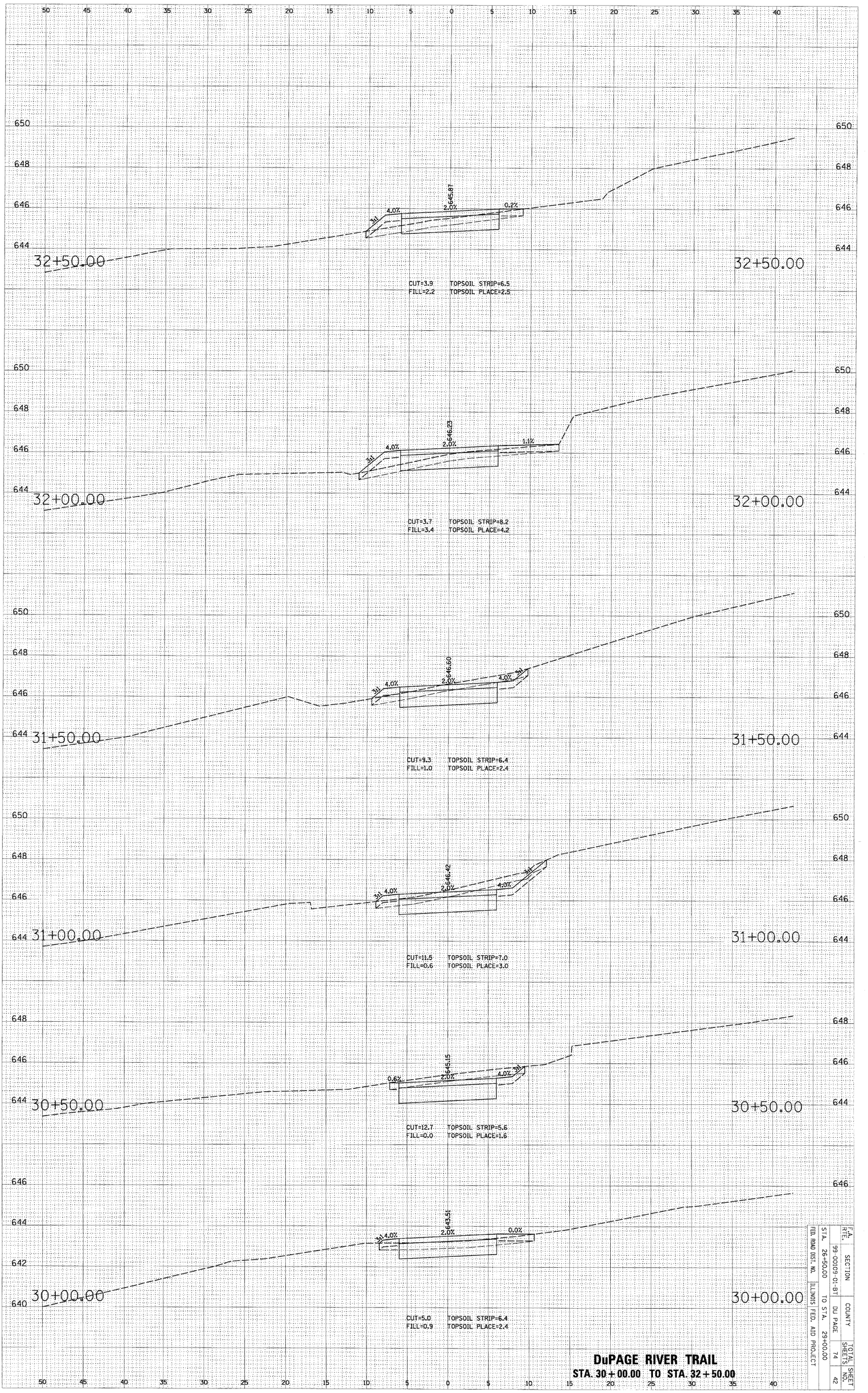
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		



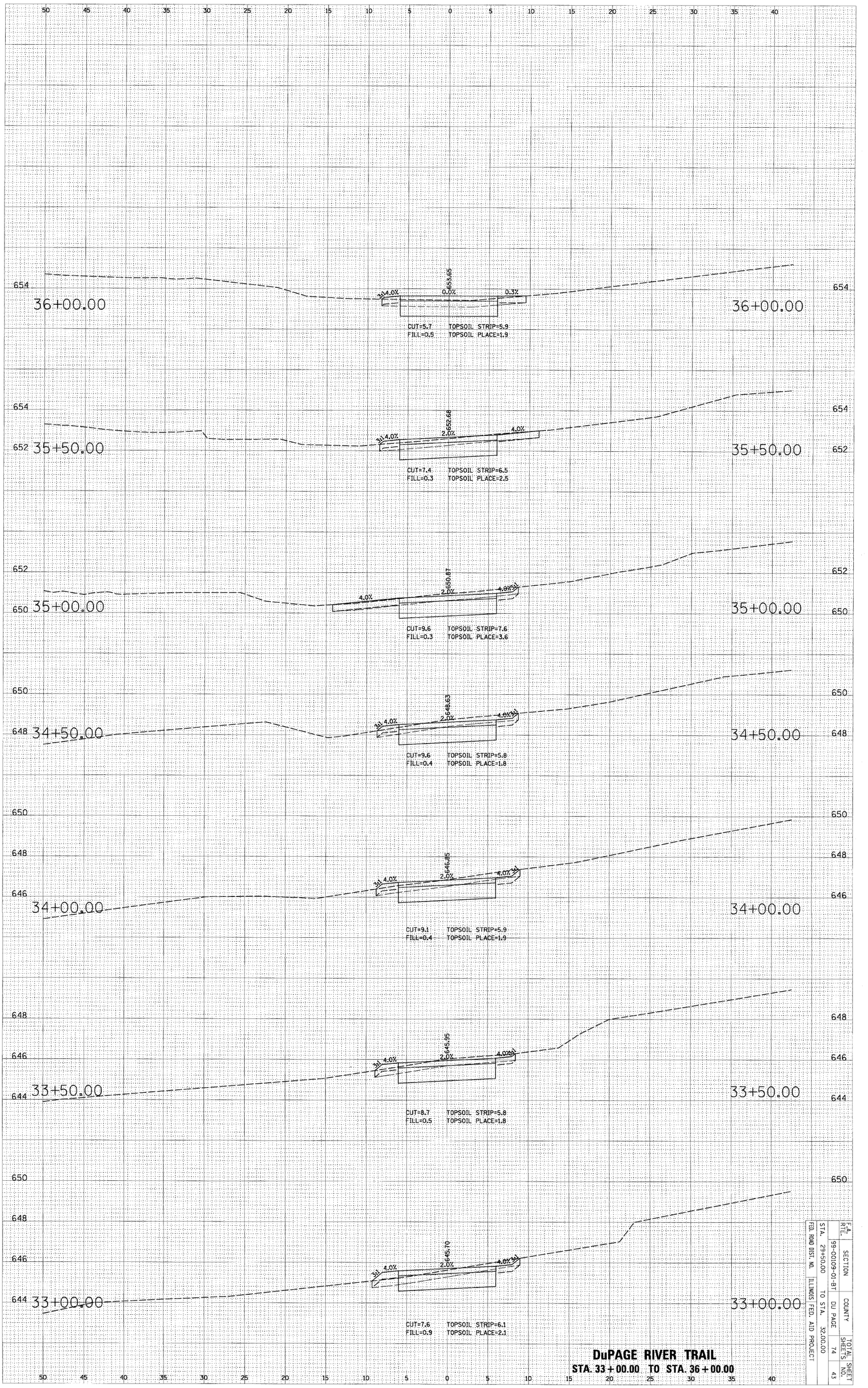
DuPAGE RIVER TRAIL

STA. 30+00.00 TO STA. 32+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	42
ILLINOIS FED. AID PROJECT	STA. 26+50.00 TO STA. 29+00.00			

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

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



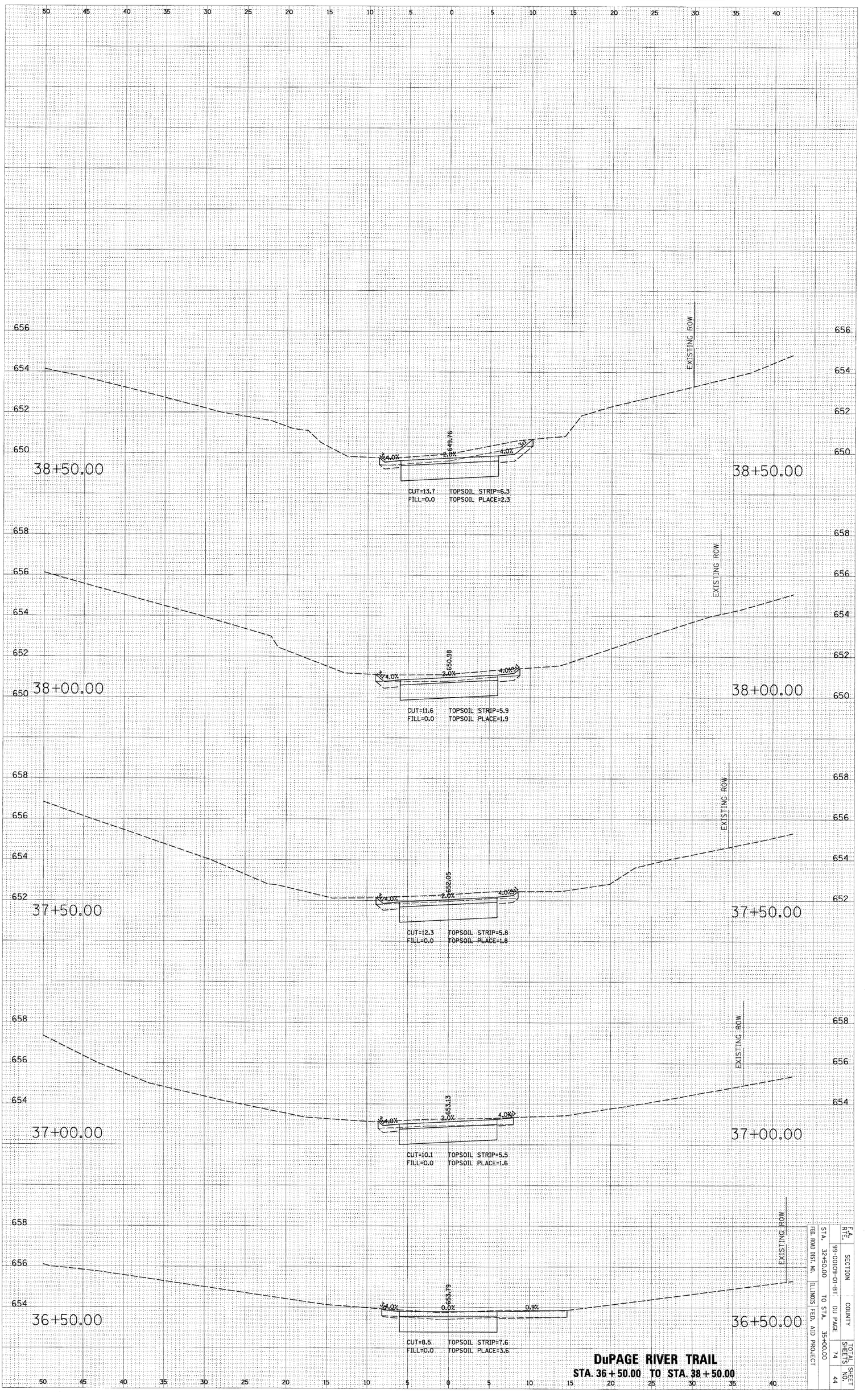
DuPAGE RIVER TRAIL

STA. 33+00.00 TO STA. 36+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 29+50.00	99-00109-01-BT	DU PAGE	74	43
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	TO STA. 32+00.00		

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

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



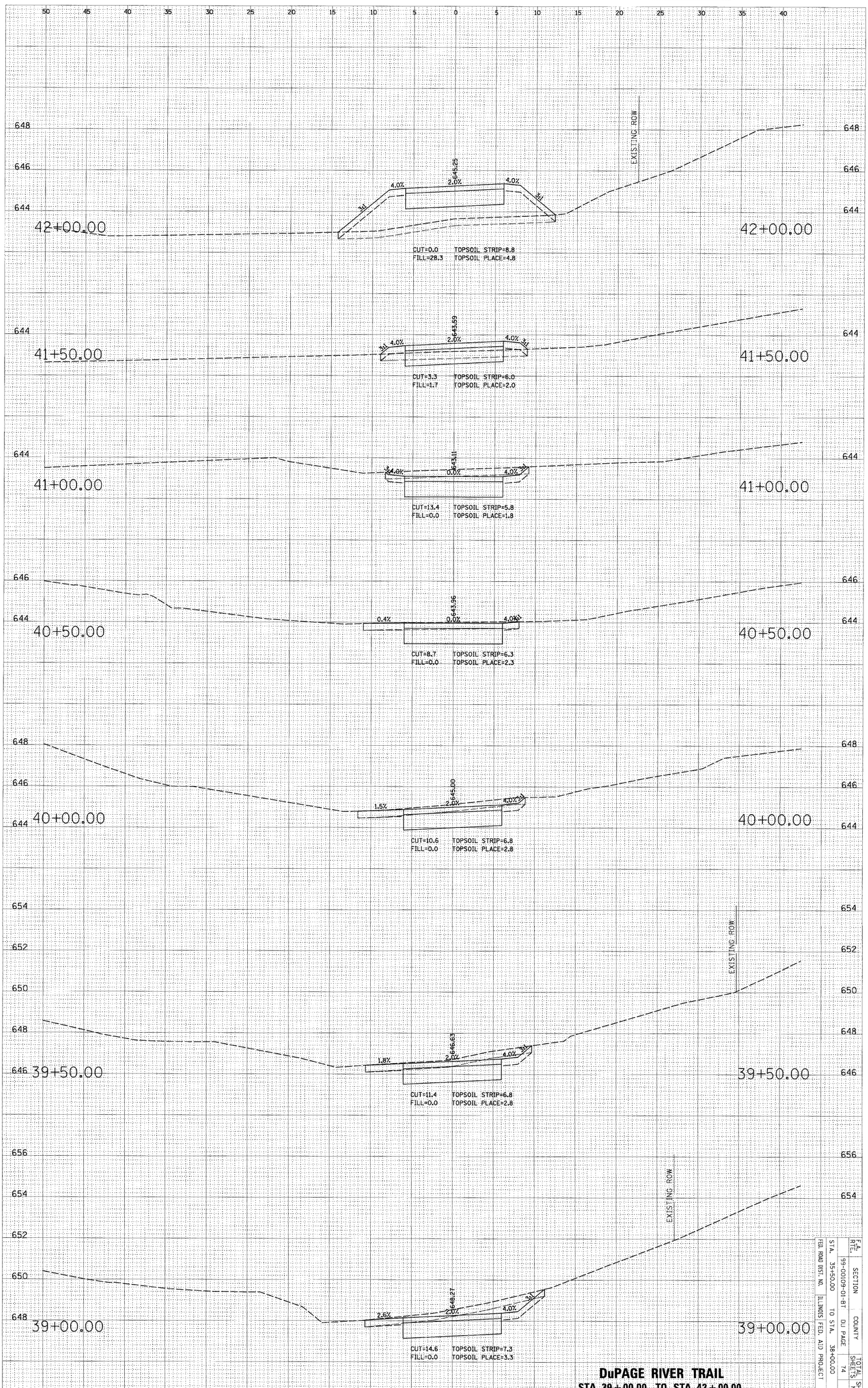
DuPAGE RIVER TRAIL

STA. 36+50.00 TO STA. 38+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	44
ILLINOIS FED. AID PROJECT	STA. 32+50.00 TO STA. 35+00.00			

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

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



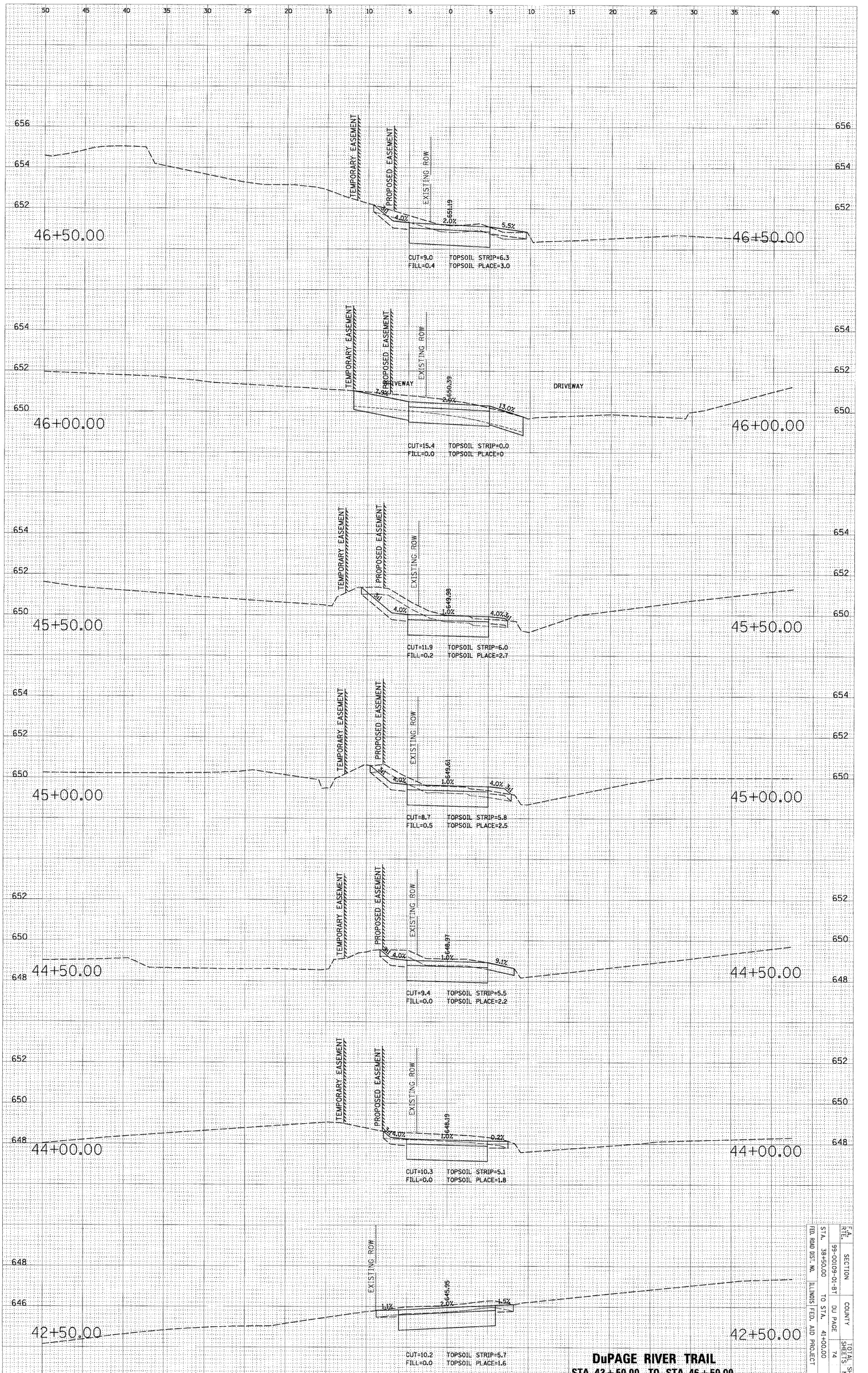
DuPAGE RIVER TRAIL

STA. 39+00.00 TO STA. 42+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	45
ILLINOIS FED. AID PROJECT	STA. 35+50.00	TO STA. 38+00.00		

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

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



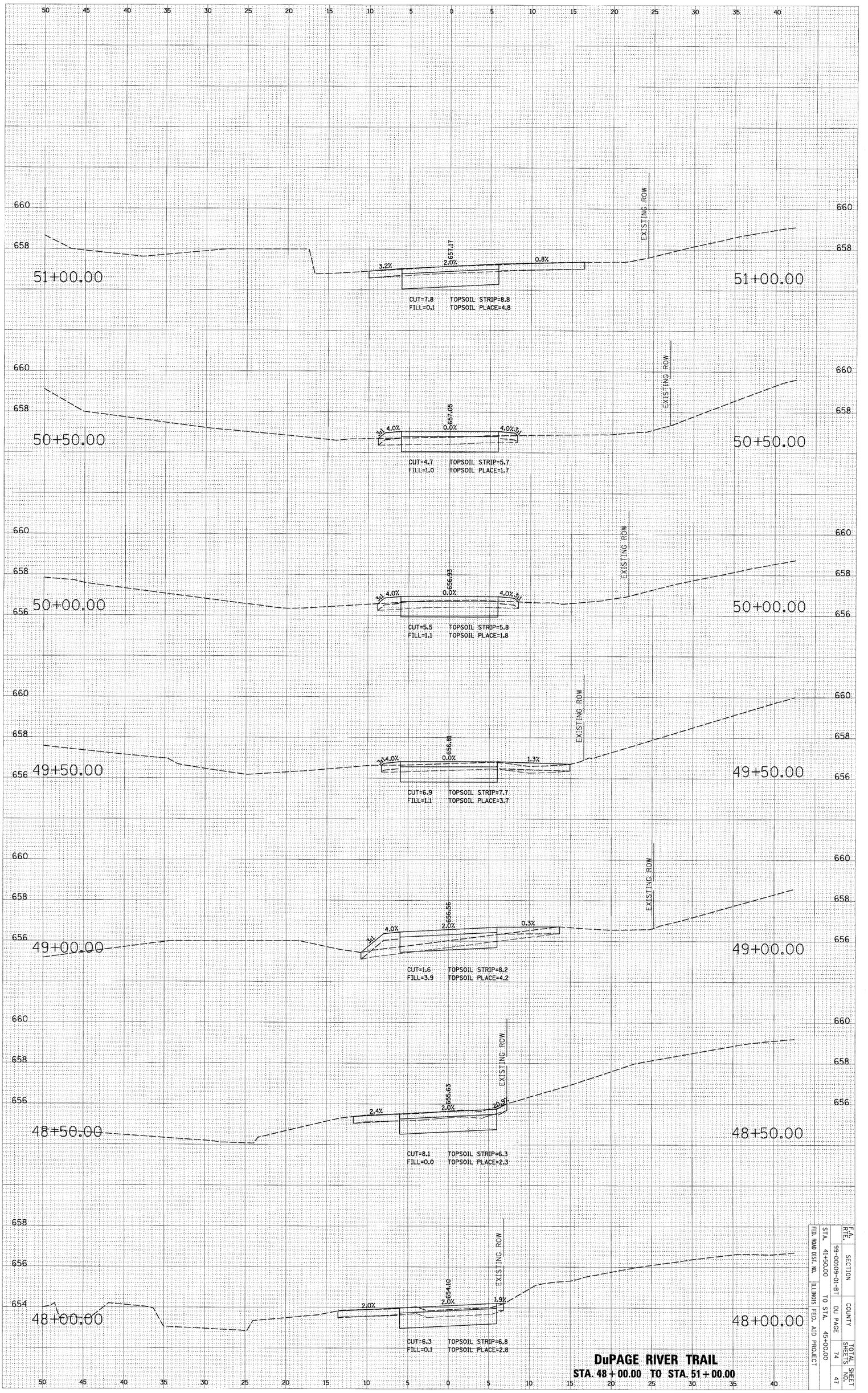
DuPAGE RIVER TRAIL

STA. 42+50.00 TO STA. 46+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	46
ILLINOIS FED. AID PROJECT	STA. 39+50.00 TO STA. 41+00.00			

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

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



DuPAGE RIVER TRAIL

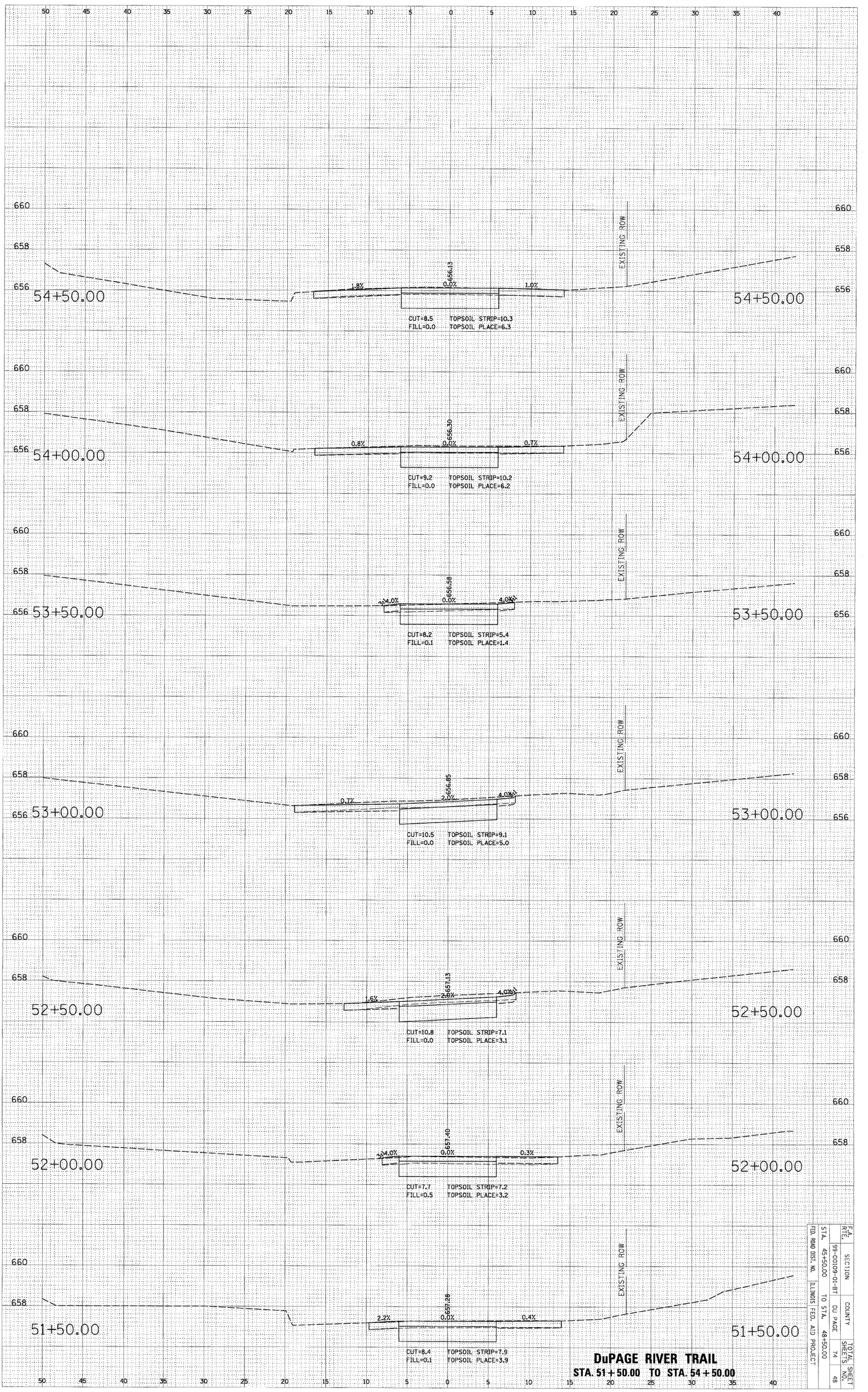
STA. 48 + 00.00 TO STA. 51 + 00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-0019-01-BT	DU PAGE	74	47
ILLINOIS FED. AID PROJECT				

STA. 41+50.00 TO STA. 45+00.00

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

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



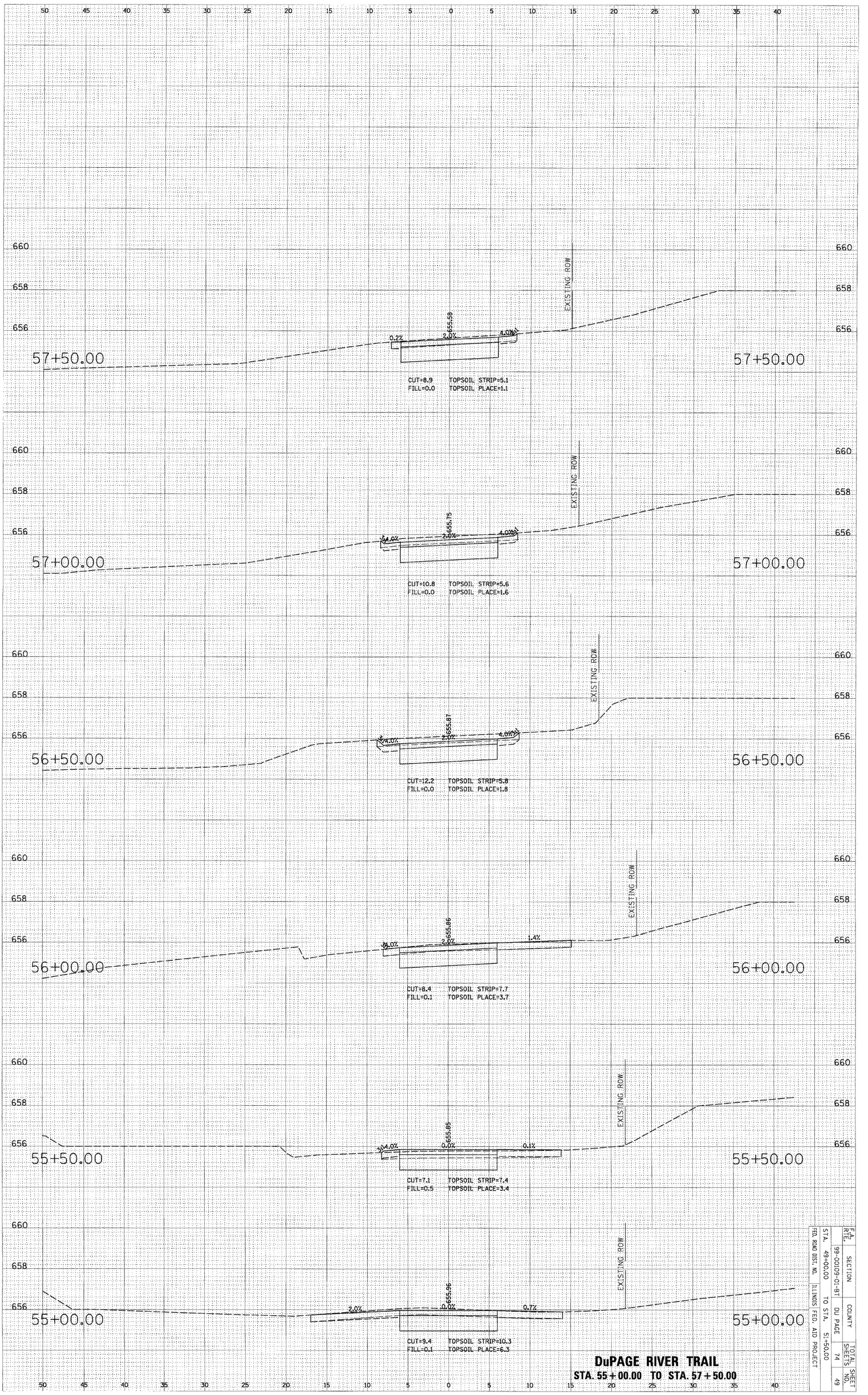
DuPAGE RIVER TRAIL

STA. 51+50.00 TO STA. 54+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-0109-01-BT	DU PAGE	74	48
ILLINOIS FED. AID PROJECT	STA. 45+50.00	TO STA. 48+50.00		

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

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



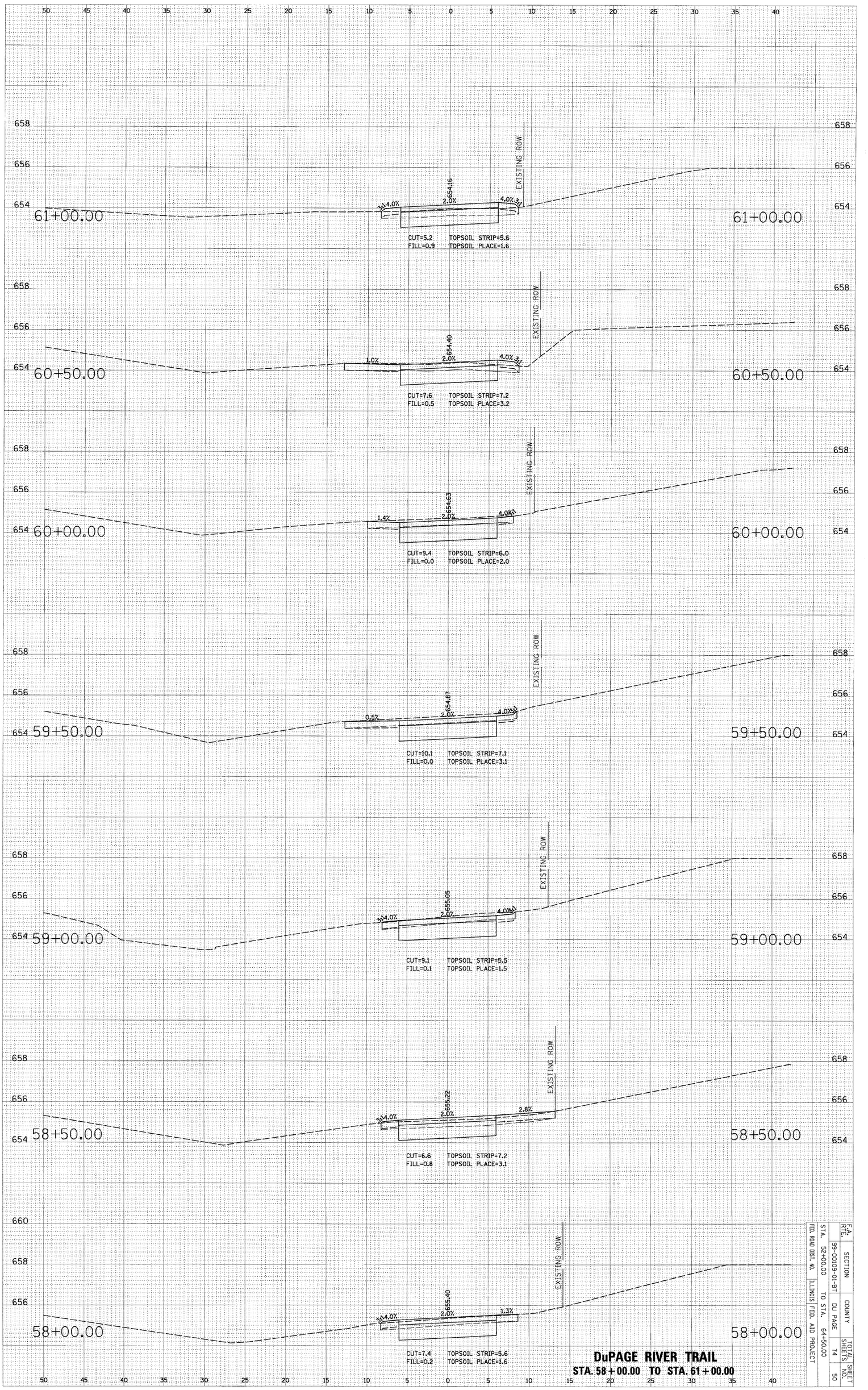
DuPAGE RIVER TRAIL

STA. 55+00.00 TO STA. 57+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	49
ILLINOIS FED. AID PROJECT	STA. 49+00.00 TO STA. 51+50.00			

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

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



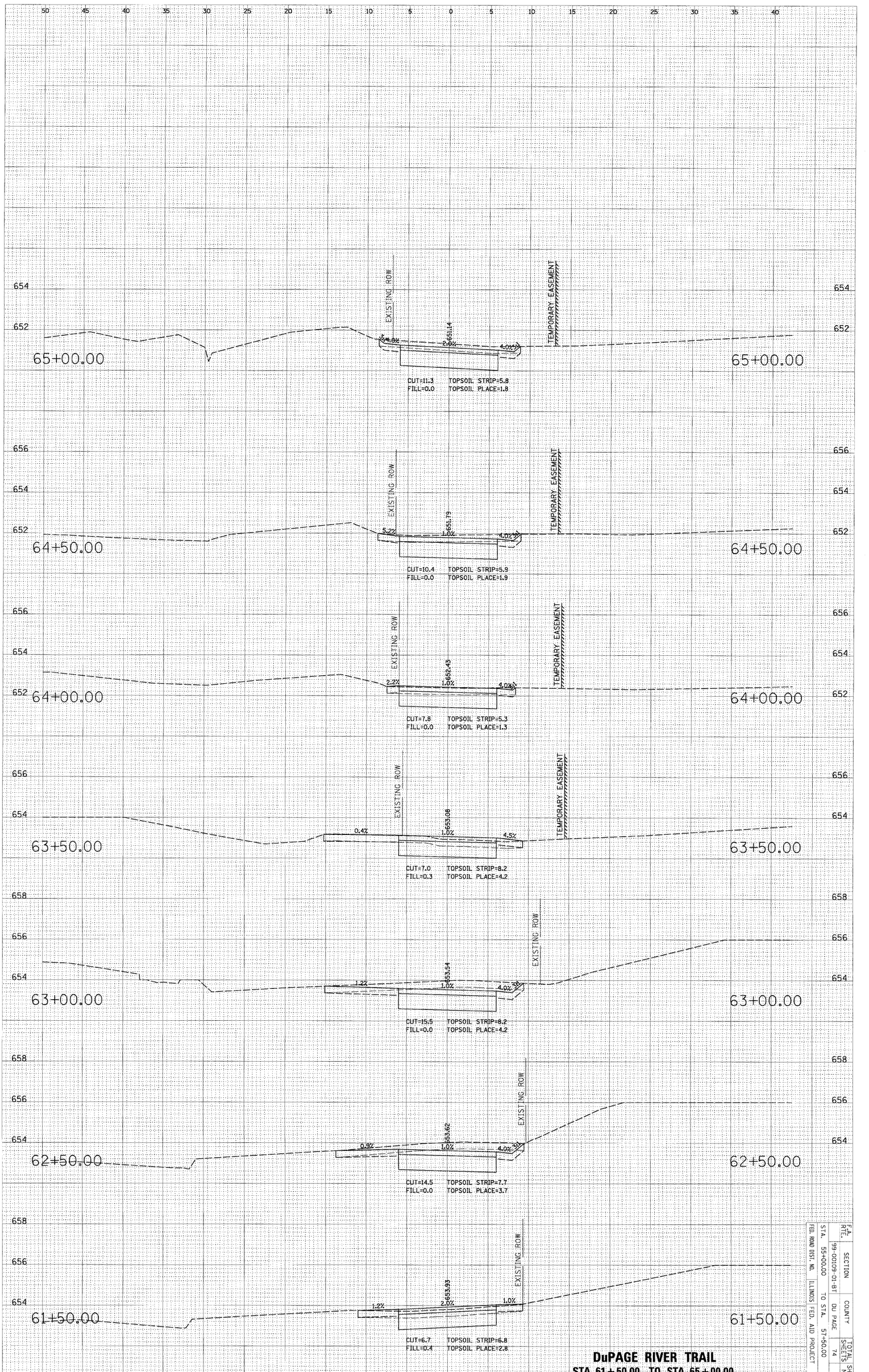
DuPAGE RIVER TRAIL

STA. 58+00.00 TO STA. 61+00.00

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 52+00.00	TO STA. 64+50.00	74	50
ILLINOIS	99-00109-01-BT	DU PAGE		
FED. AID PROJECT				

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

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



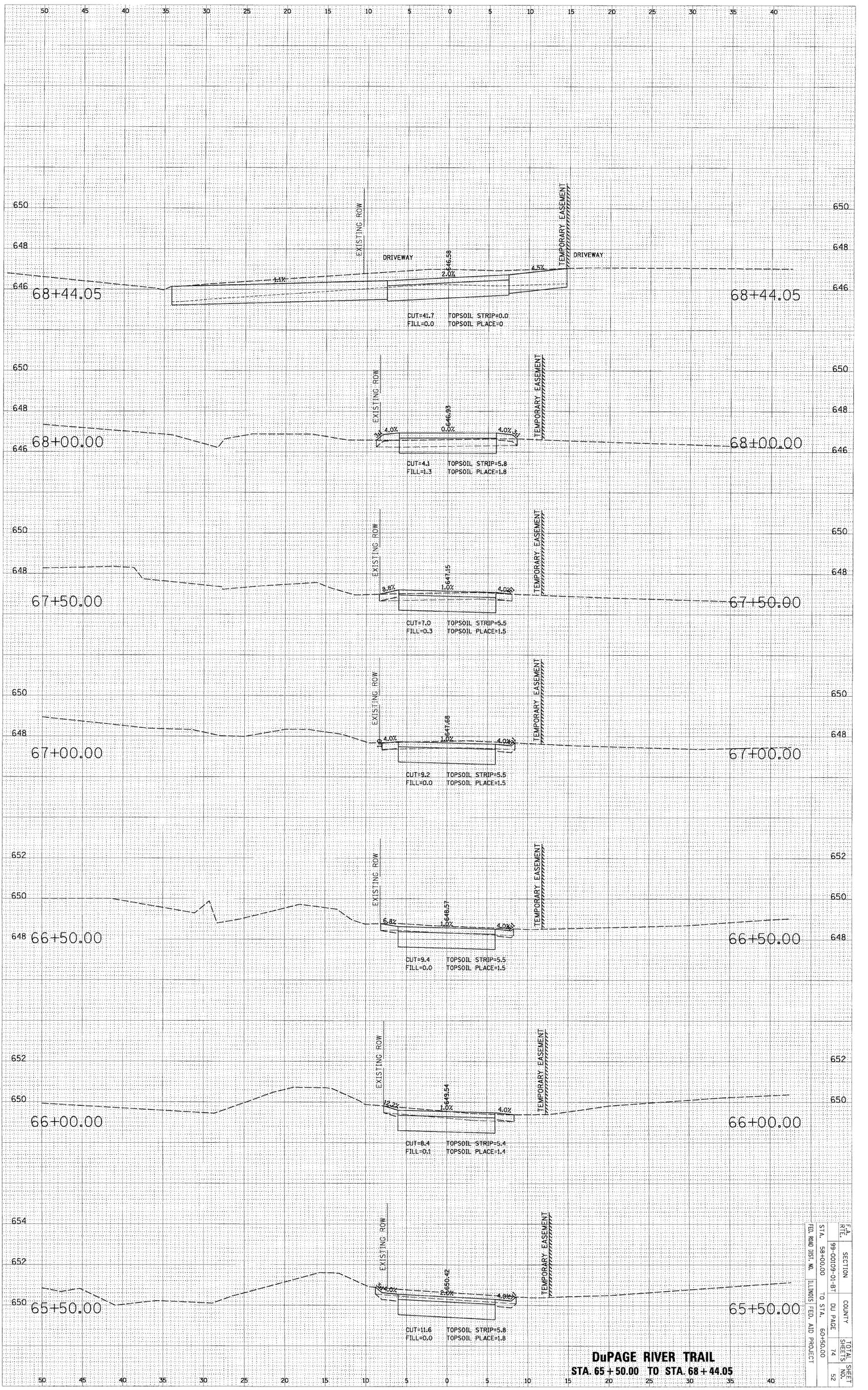
DuPAGE RIVER TRAIL

STA. 61+50.00 TO STA. 65+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 55+00.00	TO STA. 57+50.00		
ILLINOIS FED. AID PROJECT	99-00109-01-BT	DU PAGE	74	51

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

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



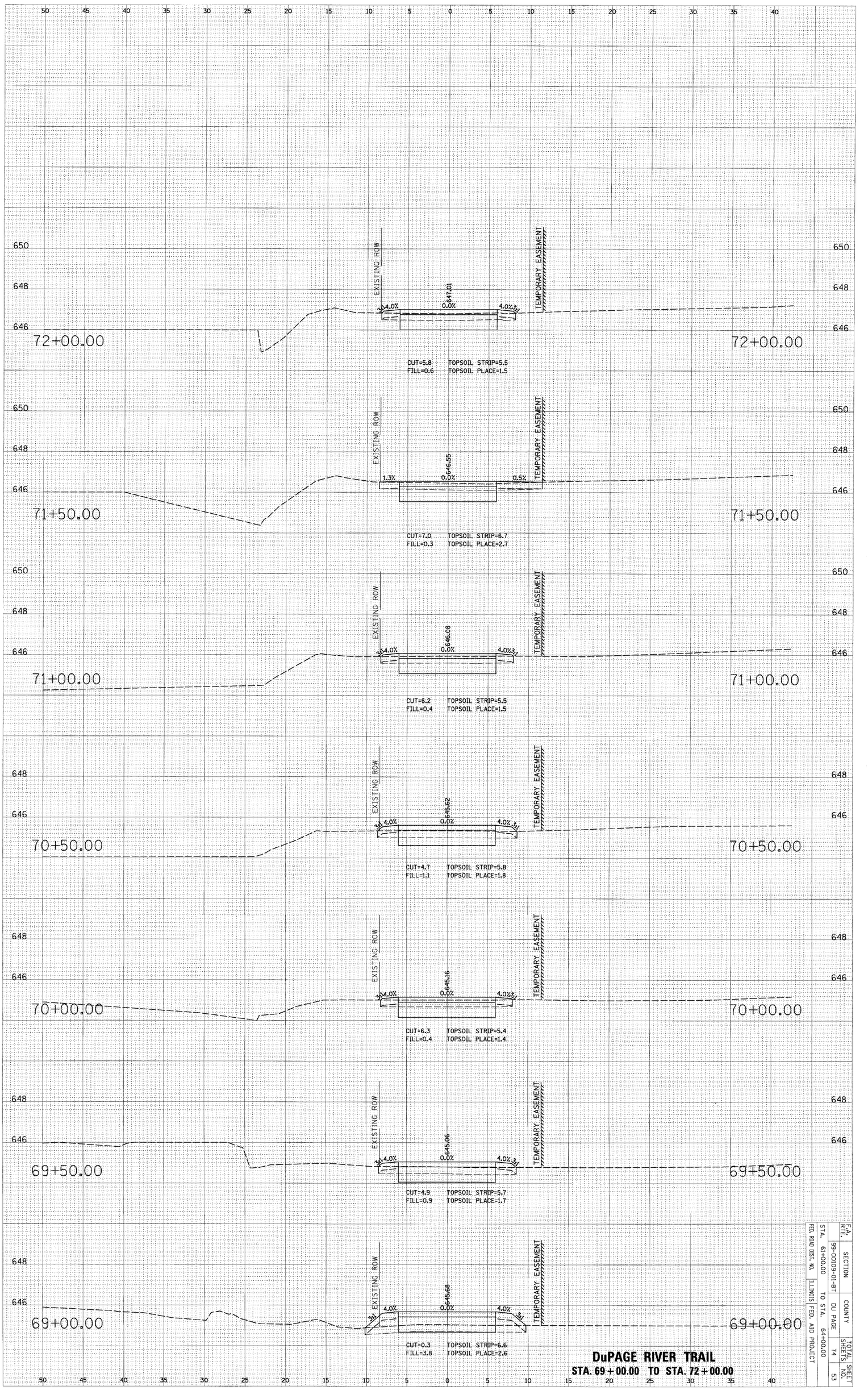
DuPAGE RIVER TRAIL

STA. 65 + 50.00 TO STA. 68 + 44.05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 58+00.00	TO STA. 60+50.00		
ILLINOIS FED. AID PROJECT	99-00109-01-BT	DU PAGE	74	52

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

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



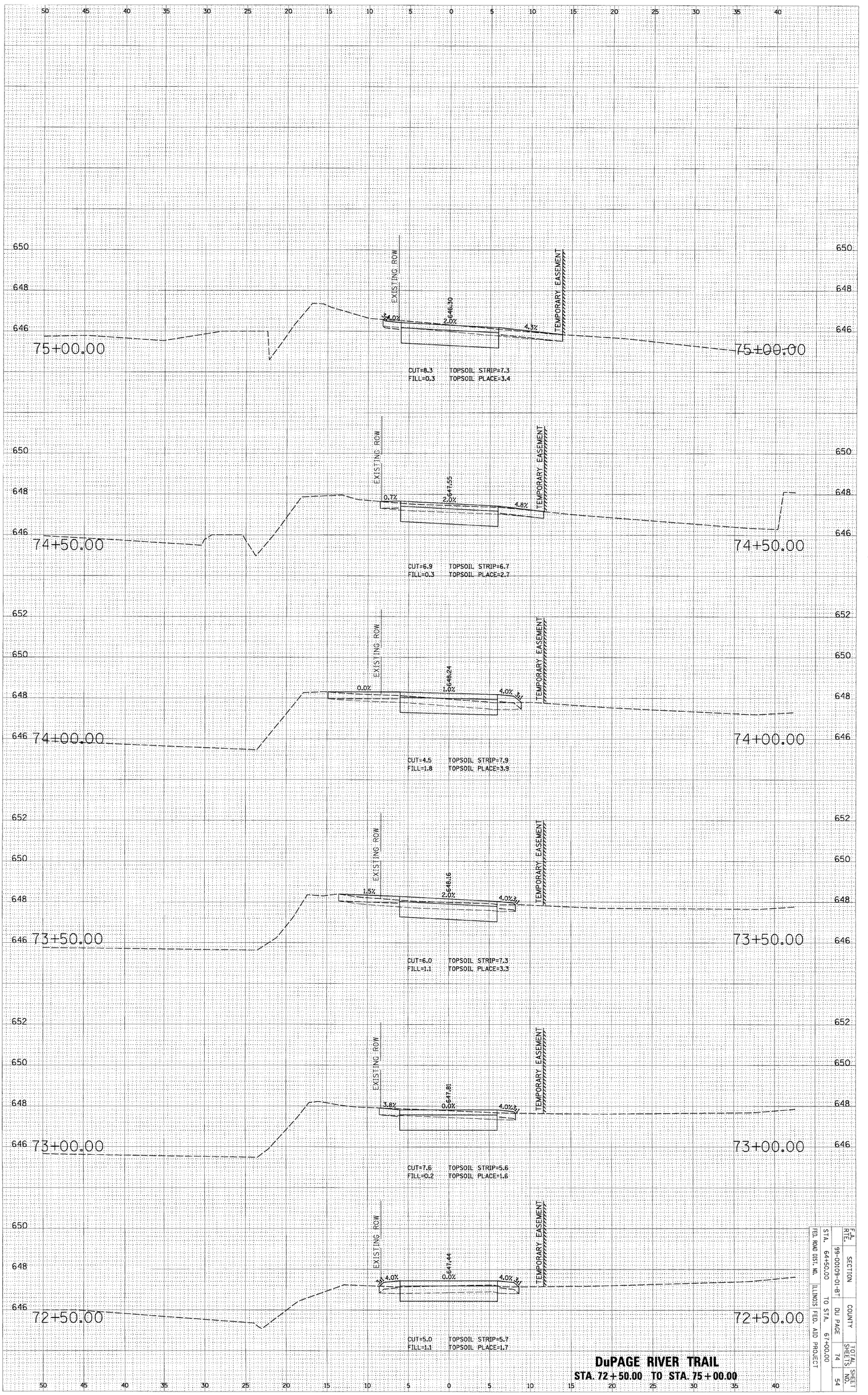
DuPAGE RIVER TRAIL

STA. 69+00.00 TO STA. 72+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	53
STA. 61+00.00	ILLINOIS	TO STA. 64+00.00	FED. AID PROJECT	

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

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



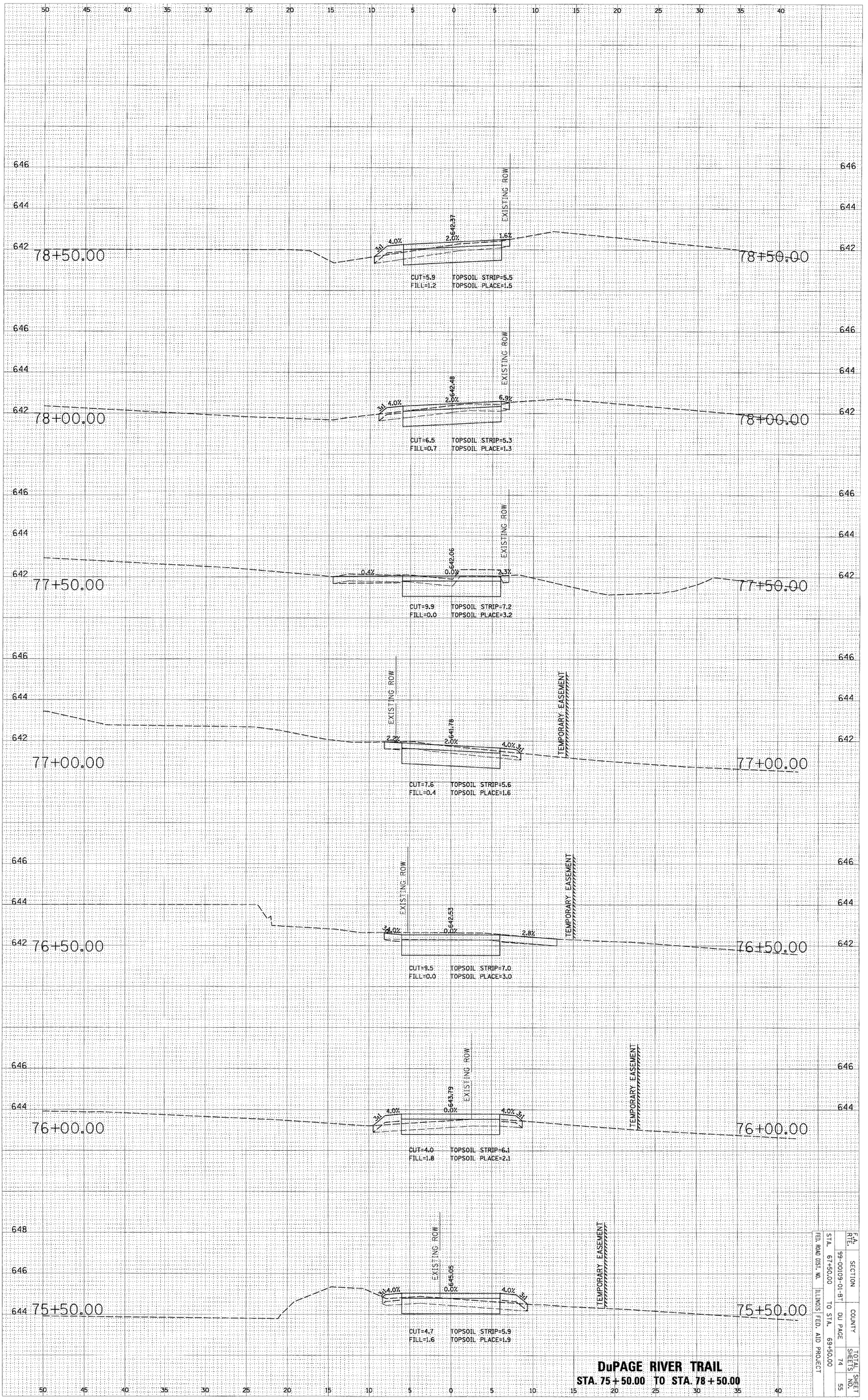
DuPAGE RIVER TRAIL

STA. 72+50.00 TO STA. 75+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 64+50.00	TO STA. 67+00.00		
ILLINOIS FED. AID PROJECT	99-00109-01-BT	DU PAGE	74	54

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

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



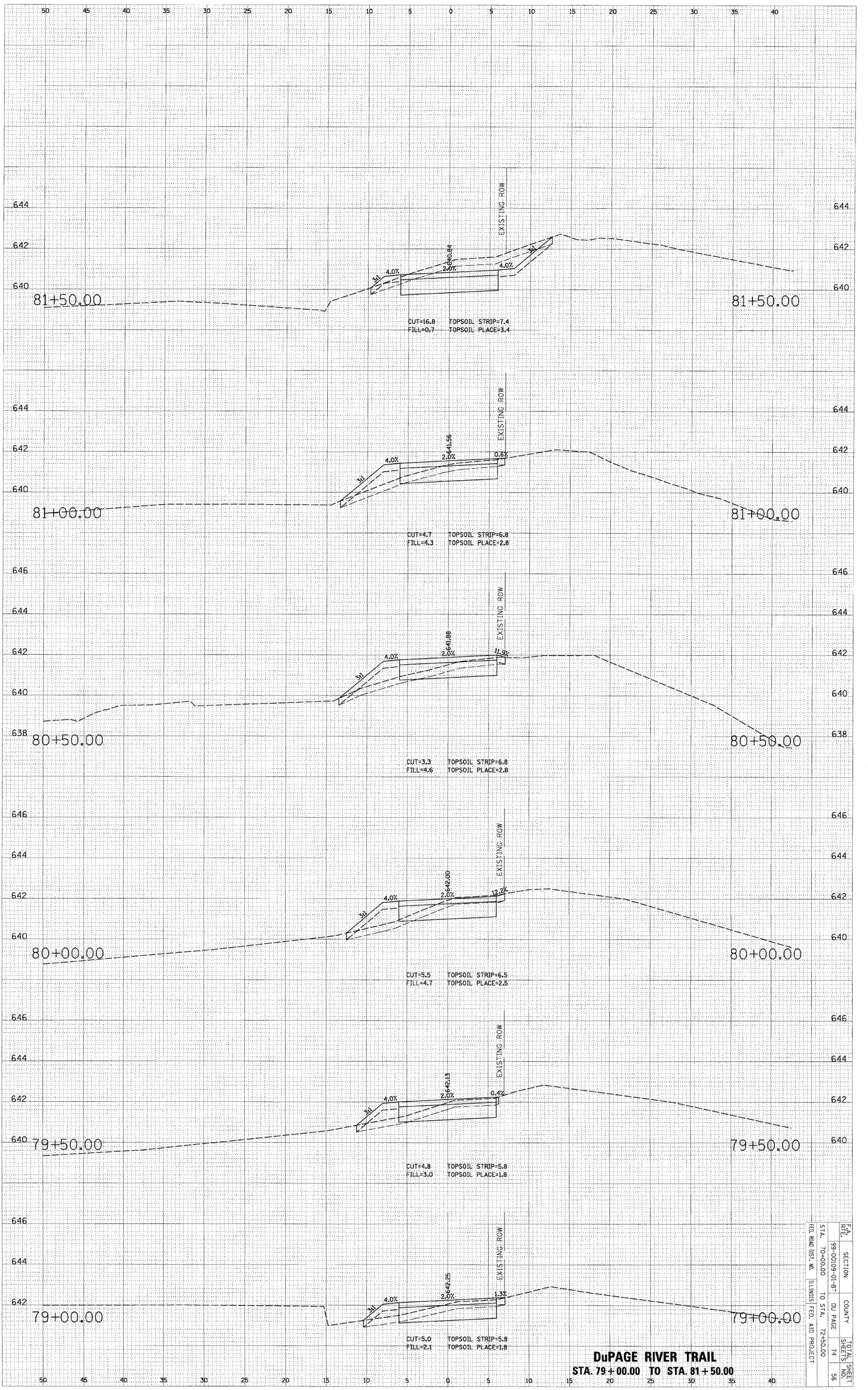
DuPAGE RIVER TRAIL

STA. 75+50.00 TO STA. 78+50.00

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	F.A. RTE.
STA. 67+50.00	TO STA. 69+50.00	SECTION 99-00109-01-BT
		COUNTY DU PAGE
		TOTAL SHEETS 74
		SHEET NO. 55

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

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



DuPAGE RIVER TRAIL

STA. 79+00.00 TO STA. 81+50.00

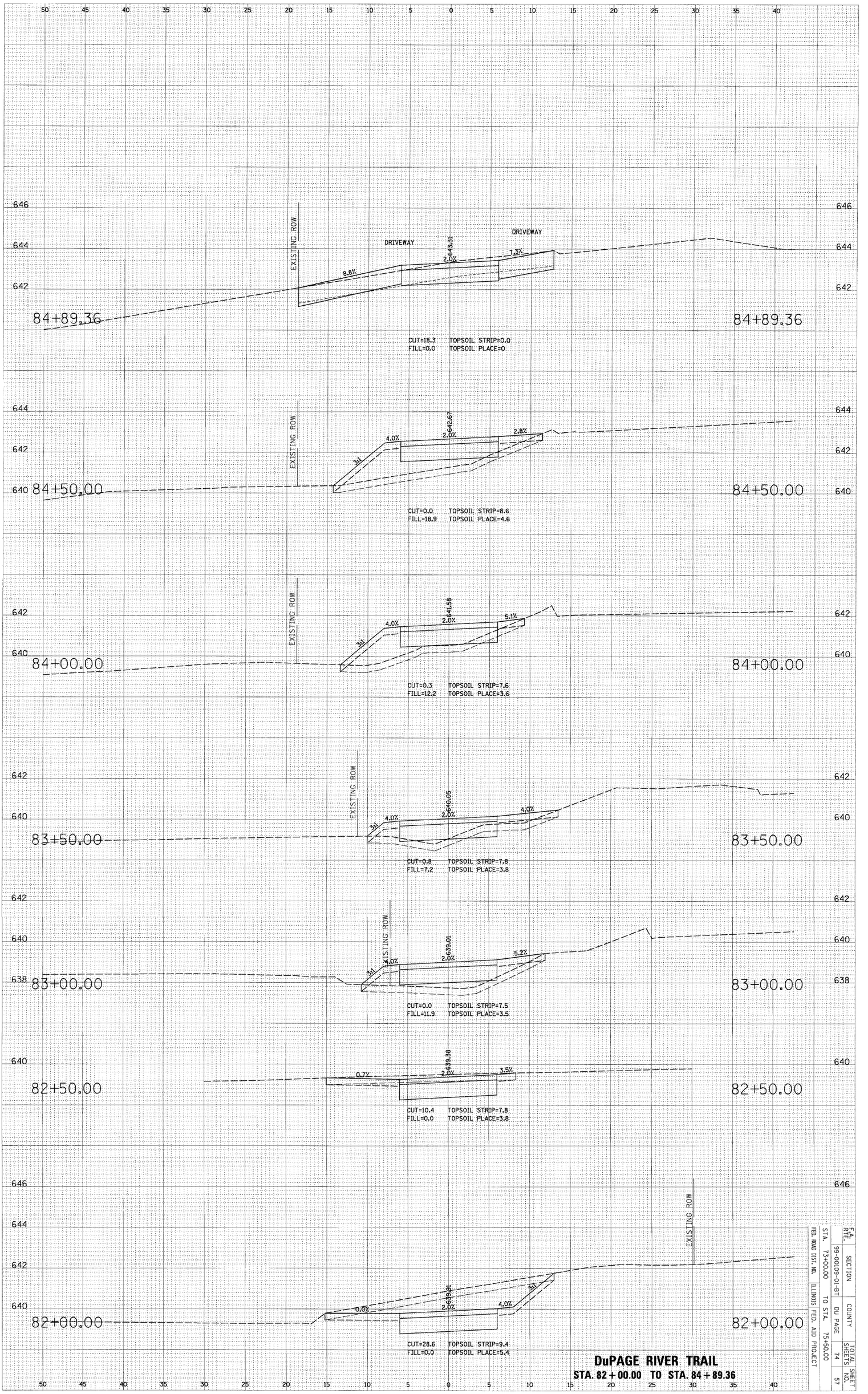
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	56

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

STA. 70+00.00 TO STA. 72+50.00

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

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



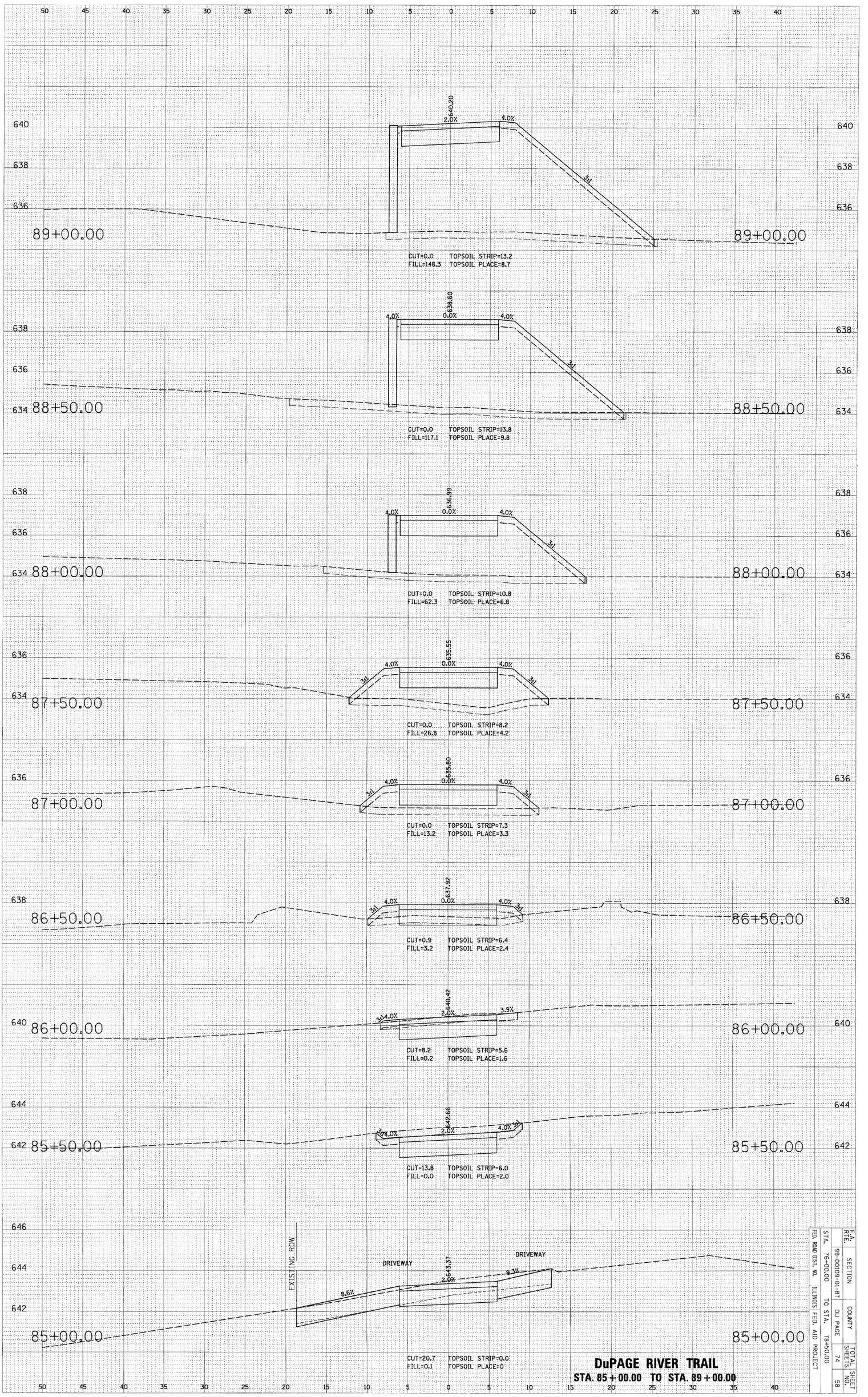
DuPAGE RIVER TRAIL

STA. 82+00.00 TO STA. 84+89.36

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	57
ILLINOIS FED. AID PROJECT	STA. 73+00.00	TO STA. 75+50.00		

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

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



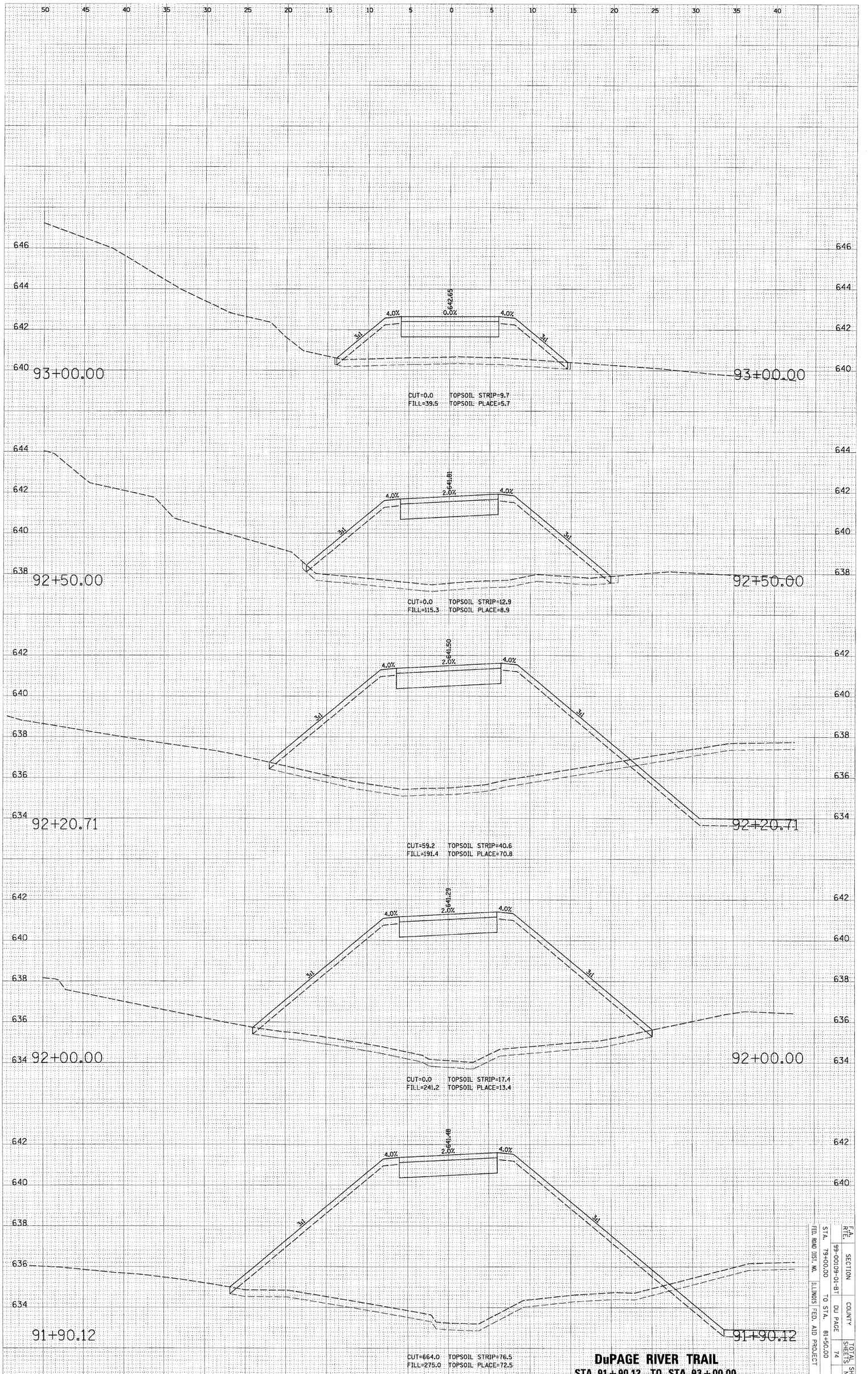
DuPAGE RIVER TRAIL

STA. 85+00.00 TO STA. 89+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	STA. 76+00.00 TO STA. 78+50.00	99-00109-01-BT DU PAGE	74	58

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

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



DuPAGE RIVER TRAIL

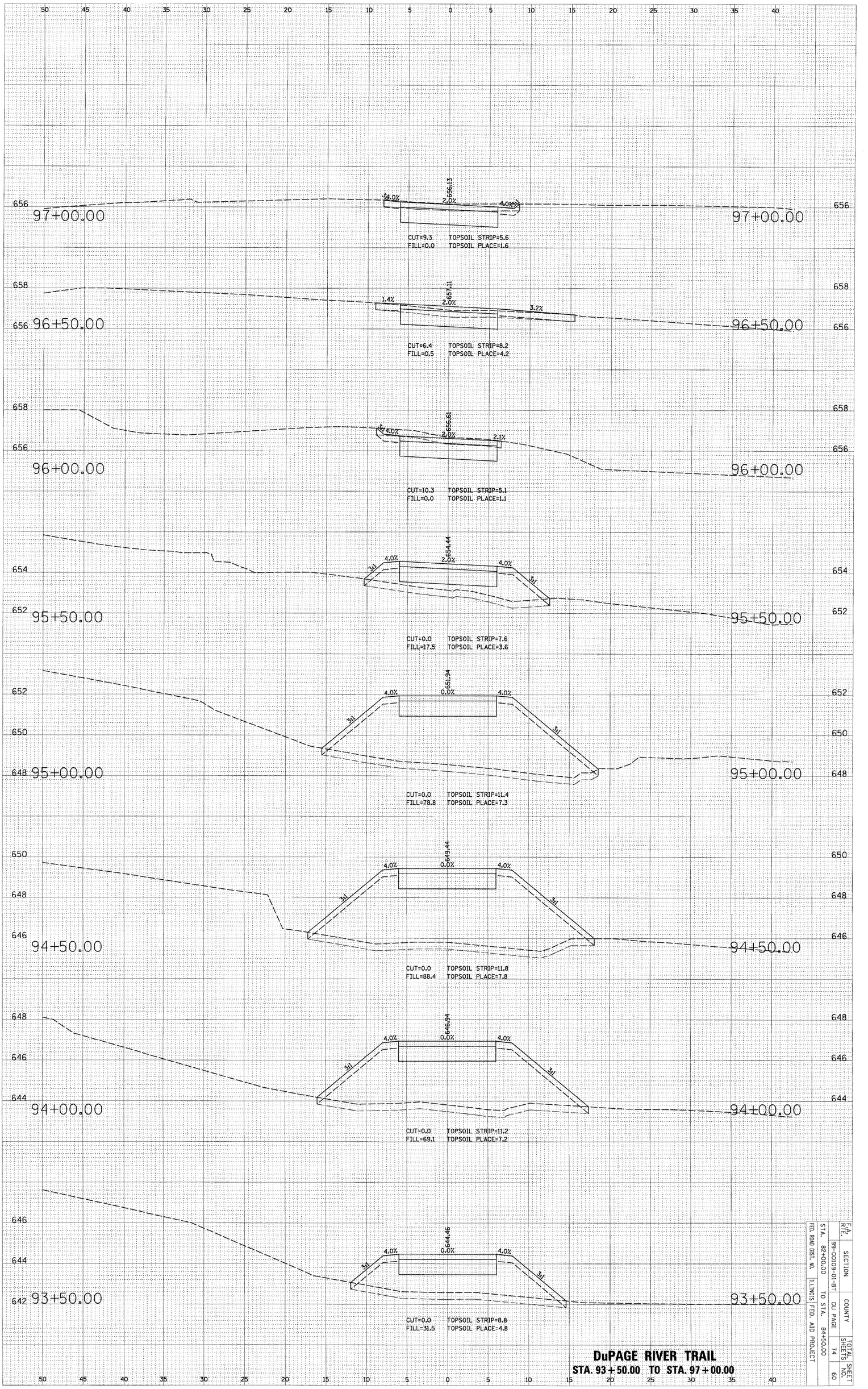
STA. 91+90.12 TO STA. 93+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	59

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | STA. 79+00.00 TO STA. 81+50.00

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

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



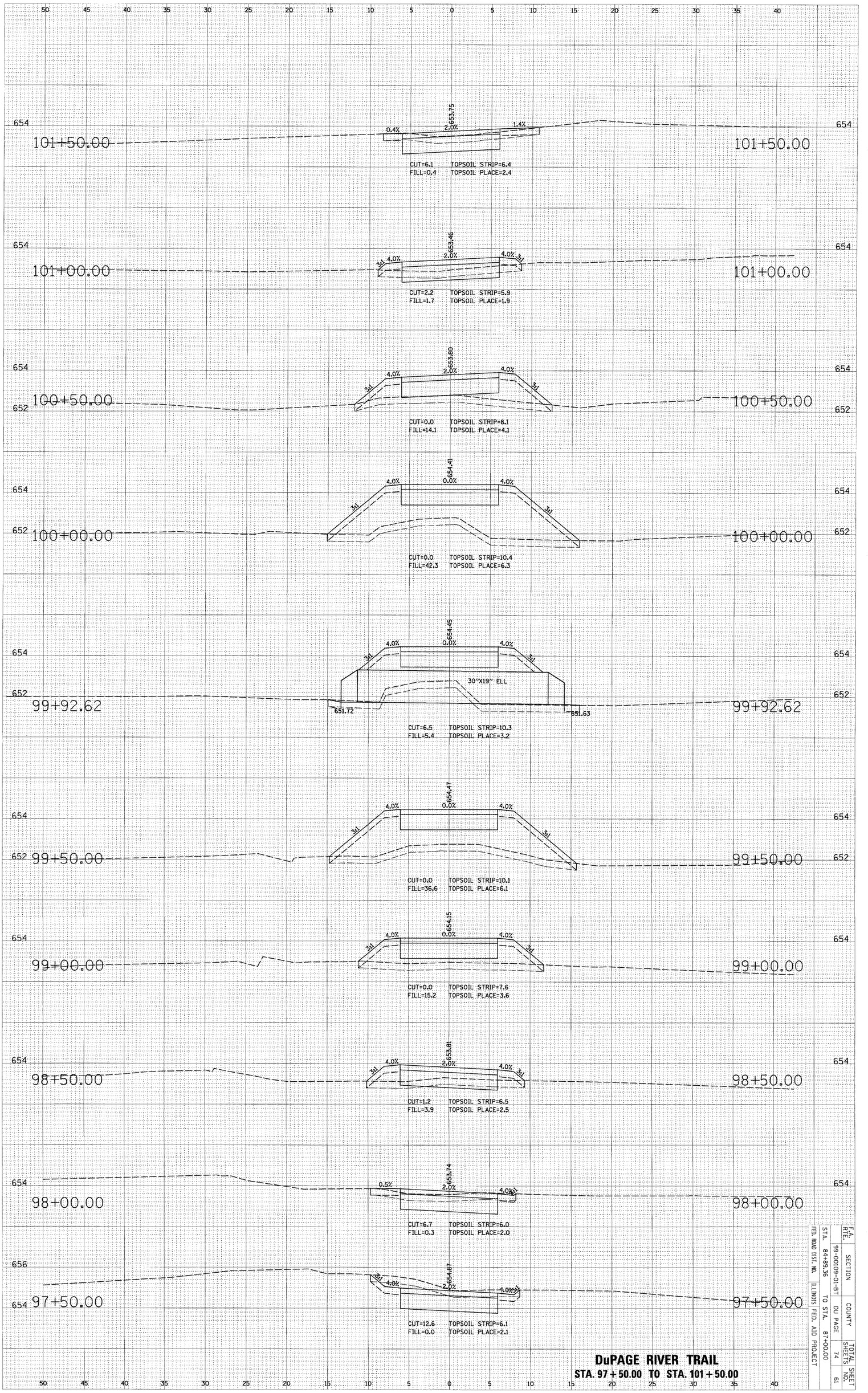
DuPAGE RIVER TRAIL

STA. 93+50.00 TO STA. 97+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	60
ILLINOIS FED. AID PROJECT	STA. 82+00.00	TO STA. 84+50.00		

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

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



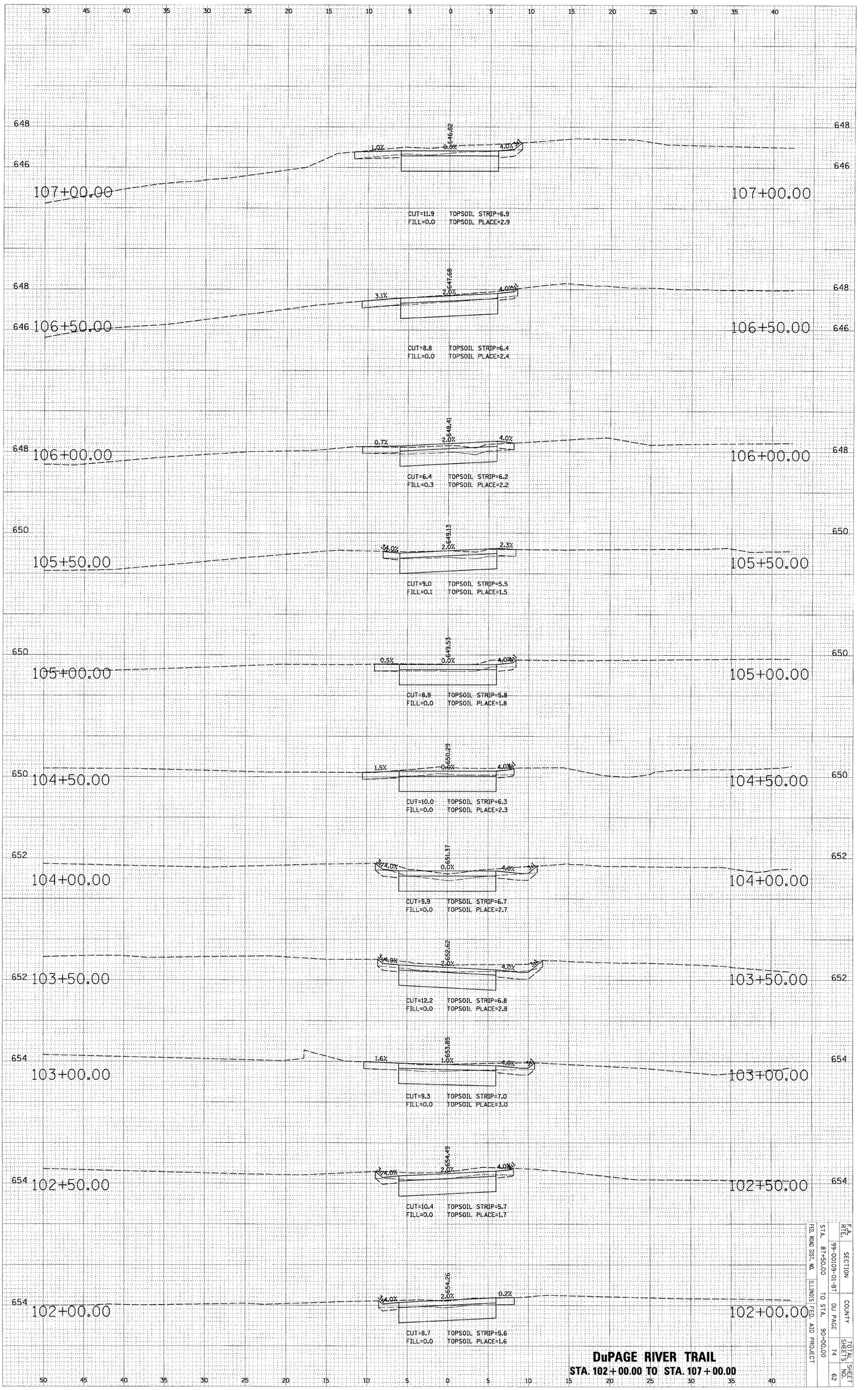
DuPAGE RIVER TRAIL

STA. 97+50.00 TO STA. 101+50.00

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	F.A. RTE.
STA. 84+89.36	TO STA. 87+00.00	SECTION 99-0010-01-BT
		COUNTY DU PAGE
		TOTAL SHEETS 74
		SHEET NO. 61

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

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



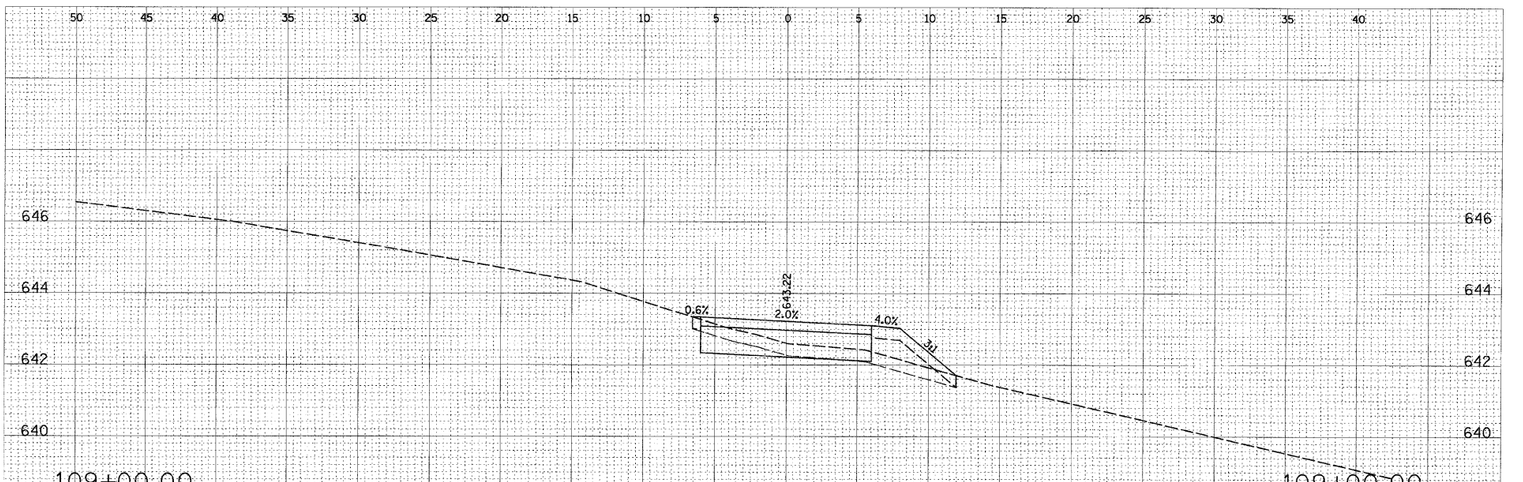
DuPAGE RIVER TRAIL

STA. 102+00.00 TO STA. 107+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 87+50.00	TO STA.		
ILLINOIS	99-00109-01-BT	DU PAGE	74	62
FED. AID PROJECT		90+00.00		

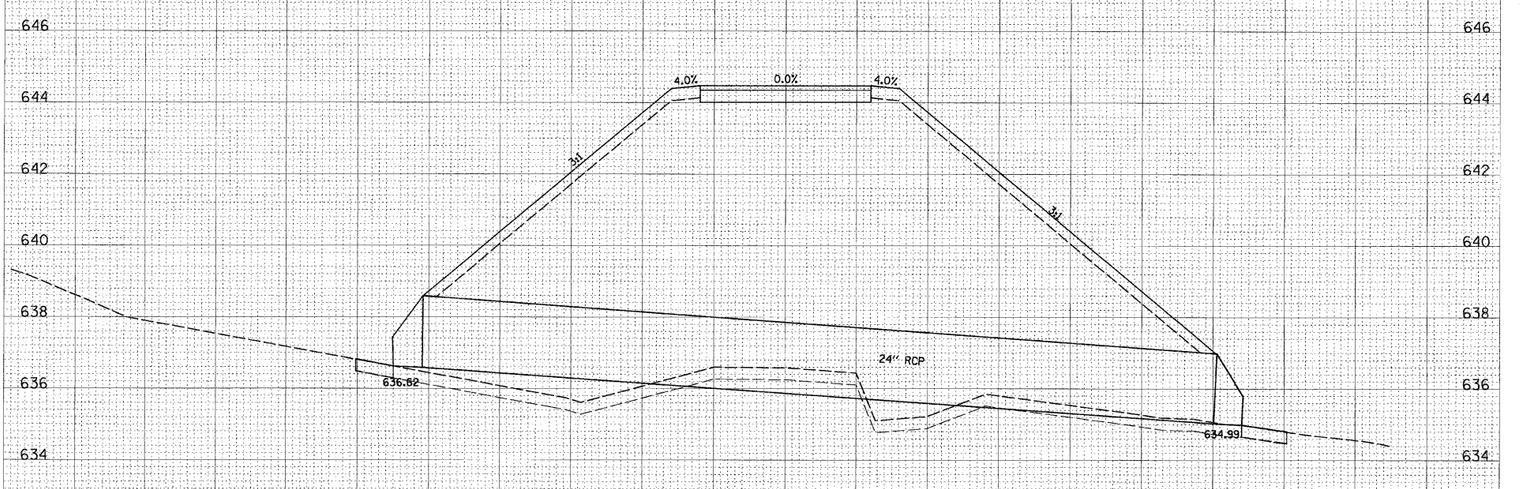
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

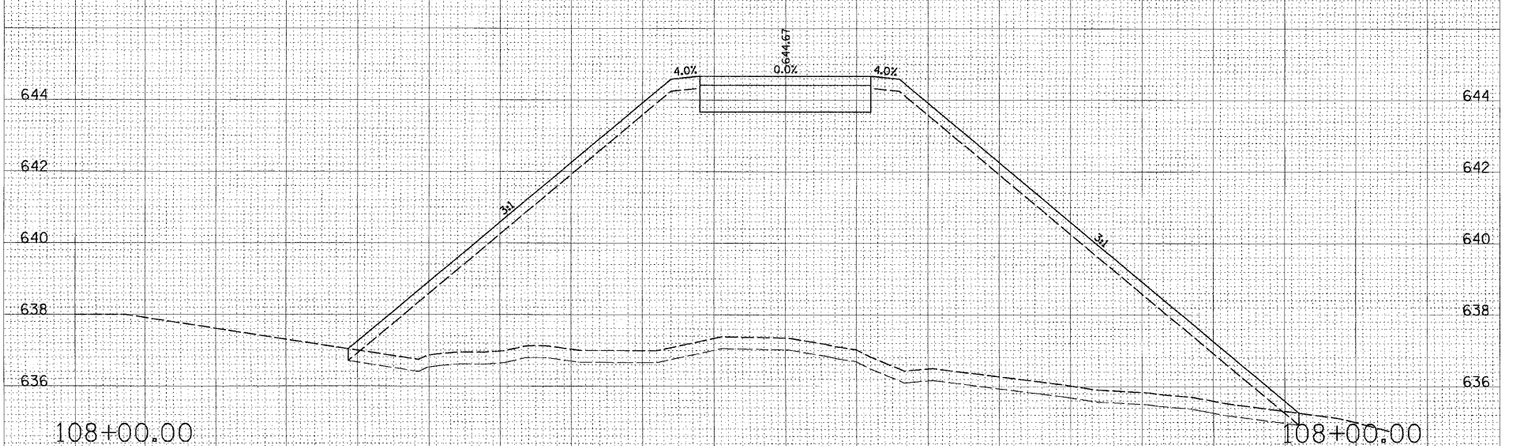


CUT=2.0 TOPSOIL STRIP=6.2
FILL=3.4 TOPSOIL PLACE=2.2

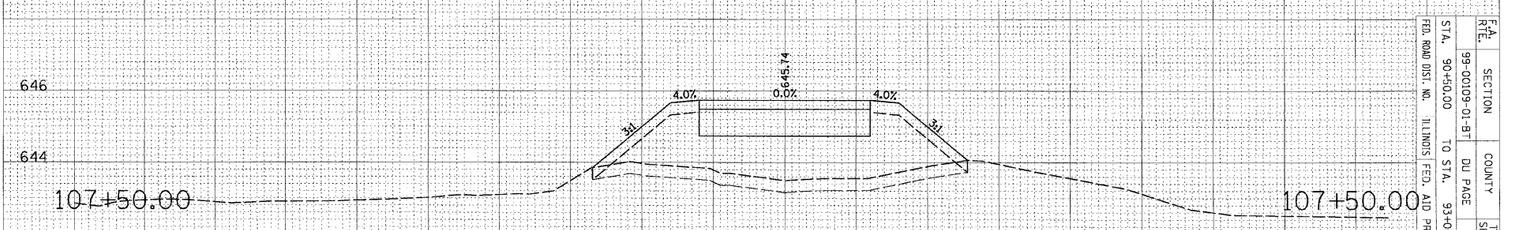
CUT=0.0 TOPSOIL STRIP=12.1
FILL=87.7 TOPSOIL PLACE=8.1



CUT=3.9 TOPSOIL STRIP=21.8
FILL=20.7 TOPSOIL PLACE=14.9



CUT=0.0 TOPSOIL STRIP=22.2
FILL=310.3 TOPSOIL PLACE=18.2



CUT=0.0 TOPSOIL STRIP=8.7
FILL=34.4 TOPSOIL PLACE=4.7

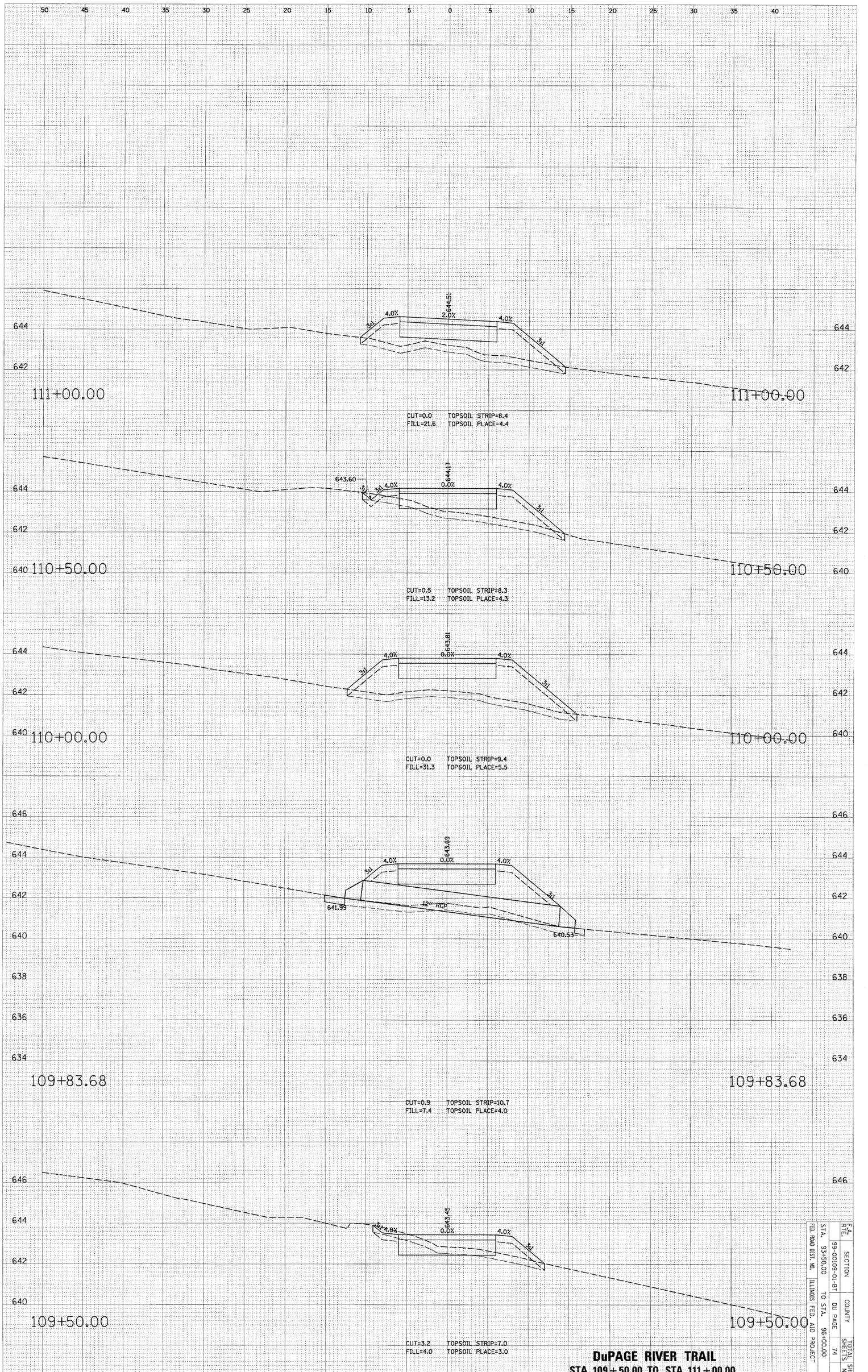
DuPAGE RIVER TRAIL
STA. 107+50.00 TO STA. 109+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
STA. 90+00.00	TO STA. 93+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	63

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

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



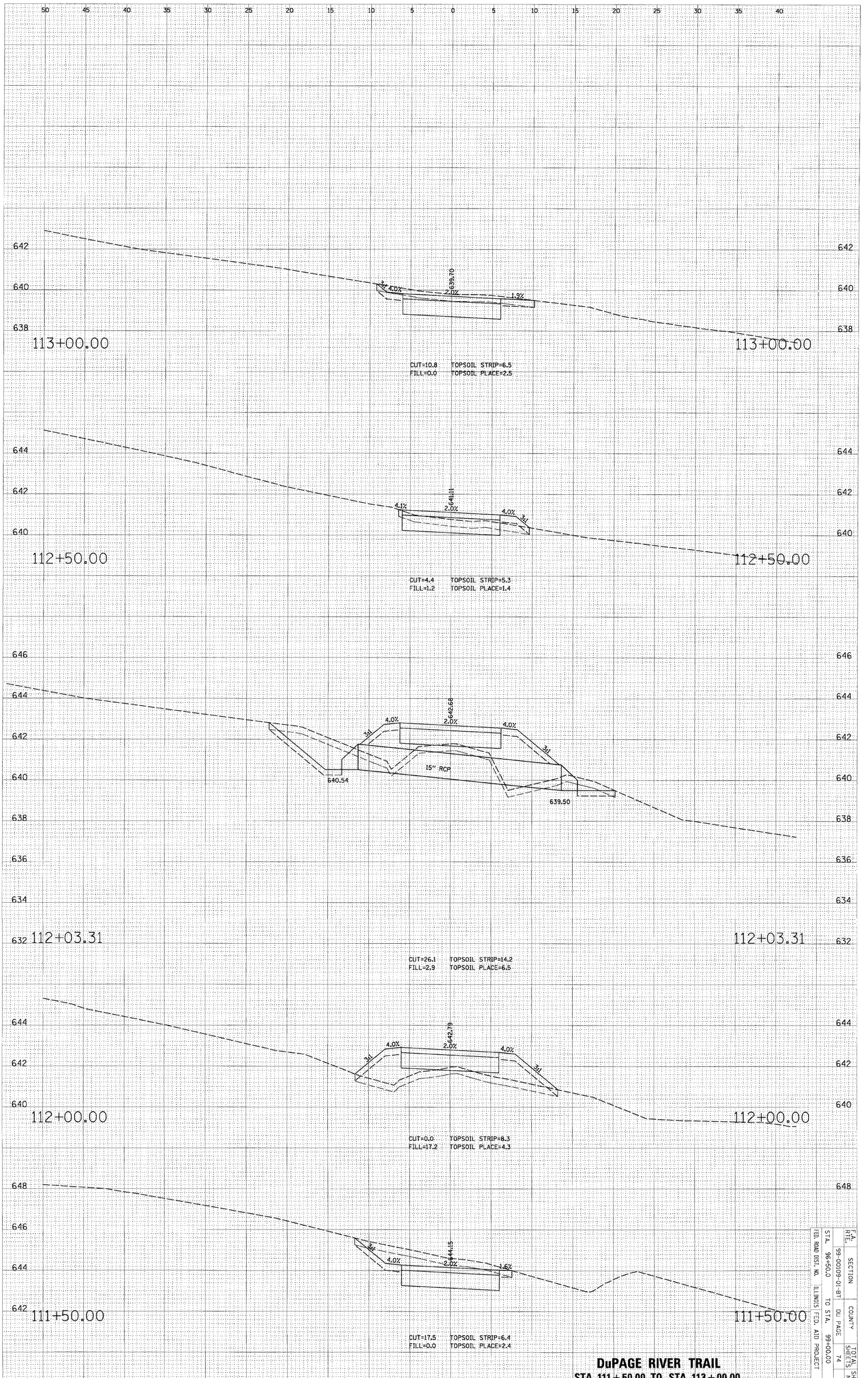
DuPAGE RIVER TRAIL

STA. 109+50.00 TO STA. 111+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	64
ILLINOIS FED. AID PROJECT	STA. 93+50.00 TO STA. 96+00.00			

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

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



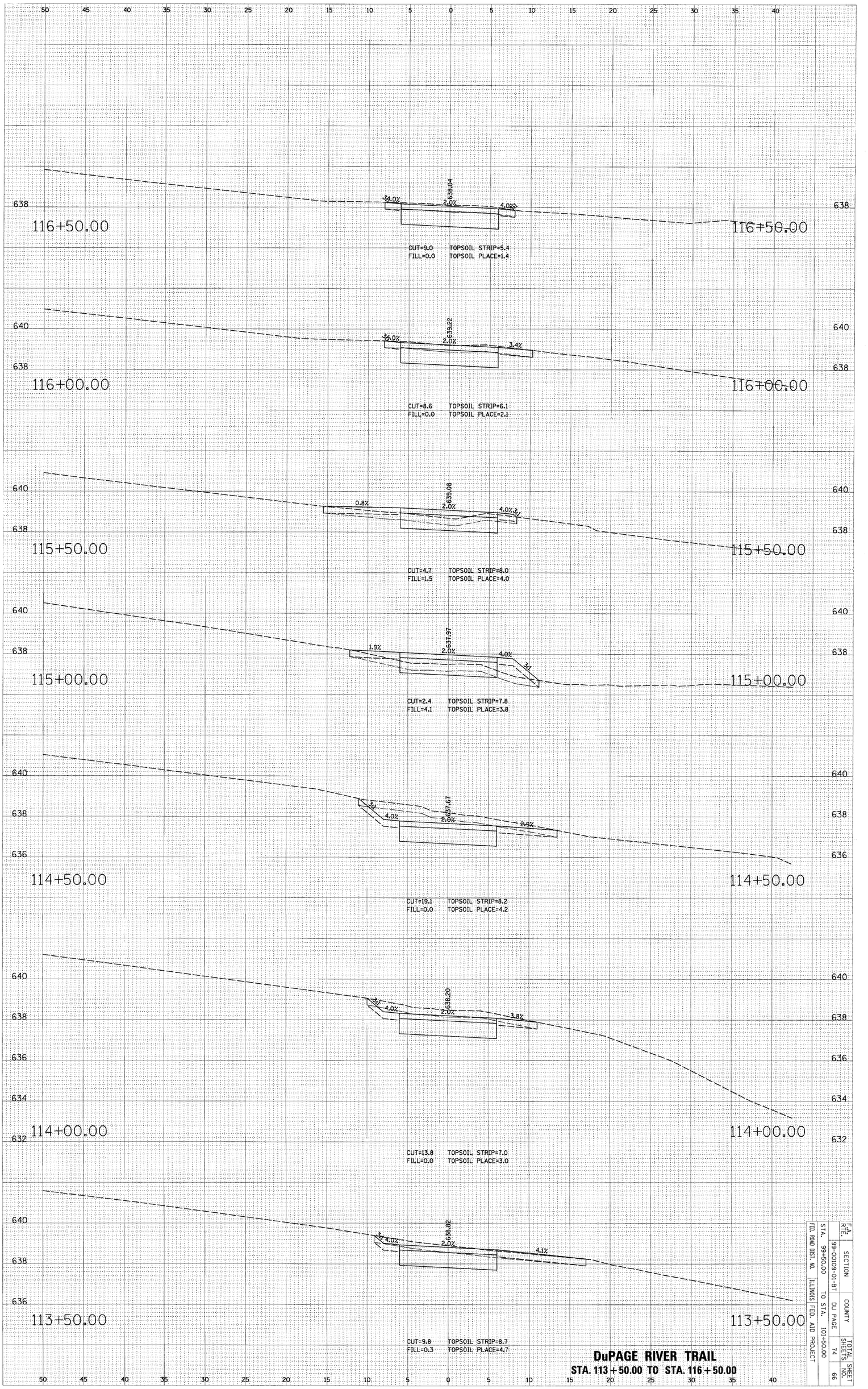
DuPAGE RIVER TRAIL

STA. 111+50.00 TO STA. 113+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	65
ILLINOIS FED. AID PROJECT	STA. 96+50.0	TO STA. 99+00.00		

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

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



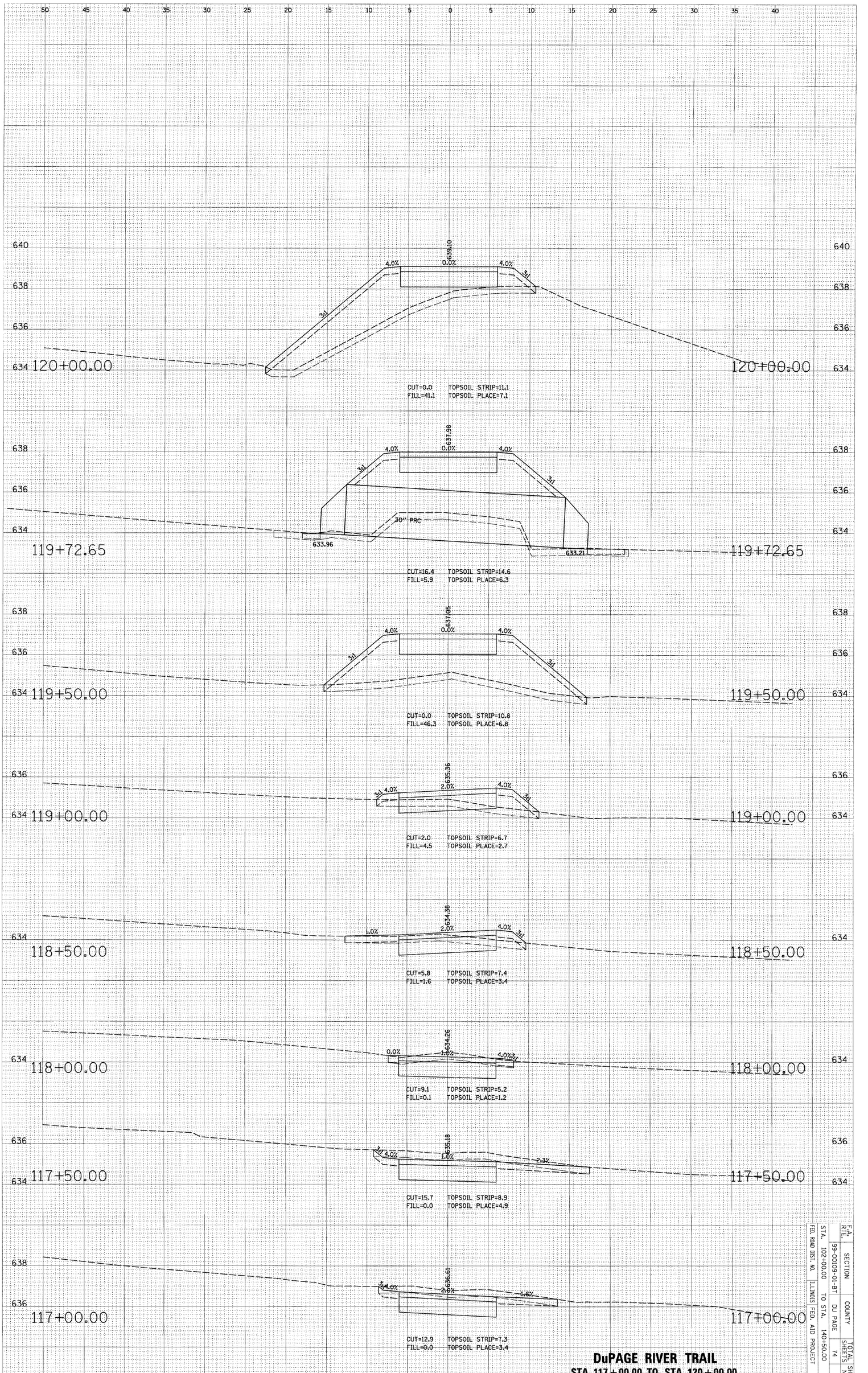
DuPAGE RIVER TRAIL

STA. 113+50.00 TO STA. 116+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	STA. 99+60.00	TO STA. 101+50.00		
ILLINOIS FED. AID PROJECT	99-00109-01-BT	DU PAGE	74	66

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

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



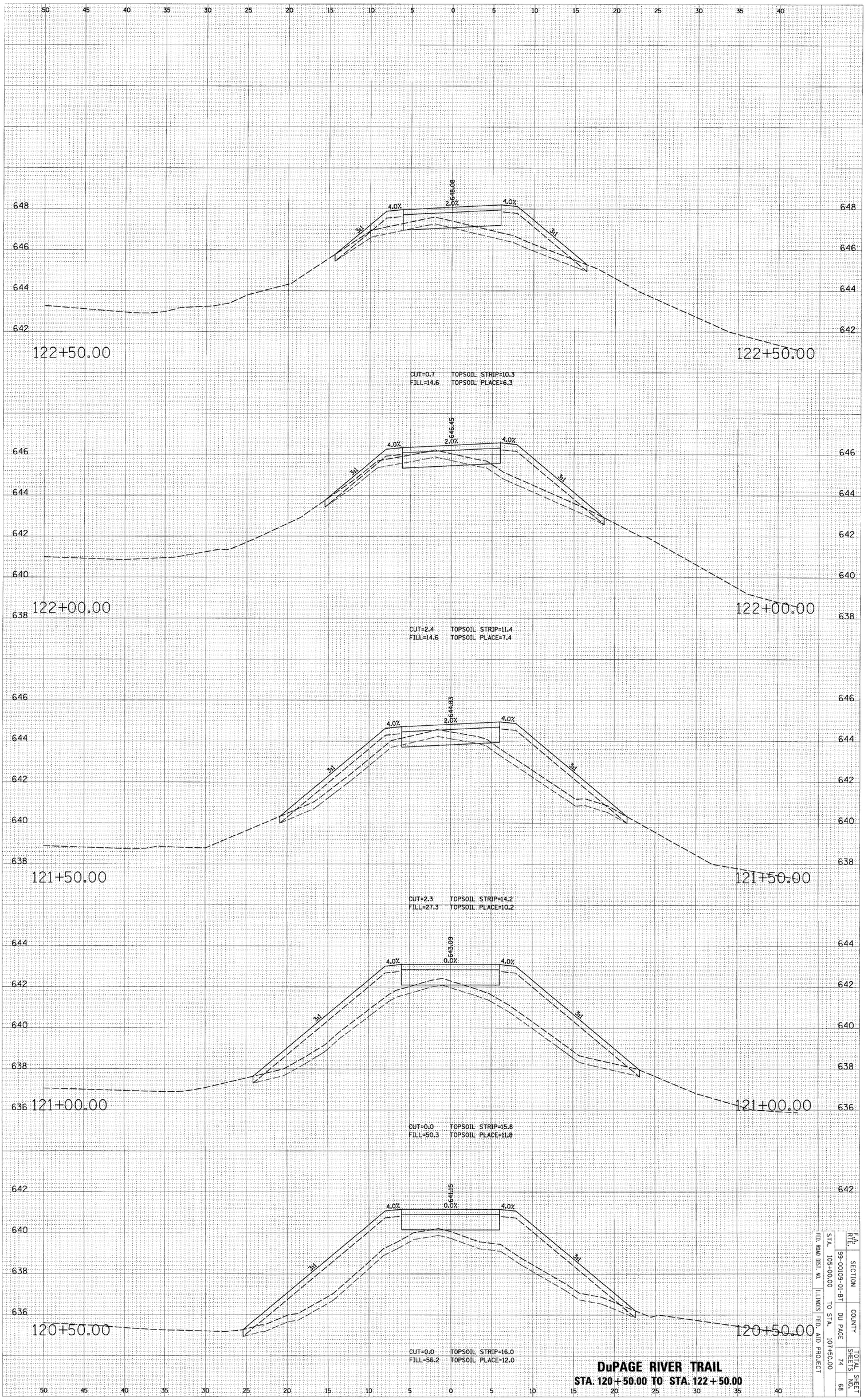
DuPAGE RIVER TRAIL

STA. 117+00.00 TO STA. 120+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	67
STA. 102+00.00	TO STA. 140+50.00	ILLINOIS FED. AID PROJECT		

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

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



DuPAGE RIVER TRAIL

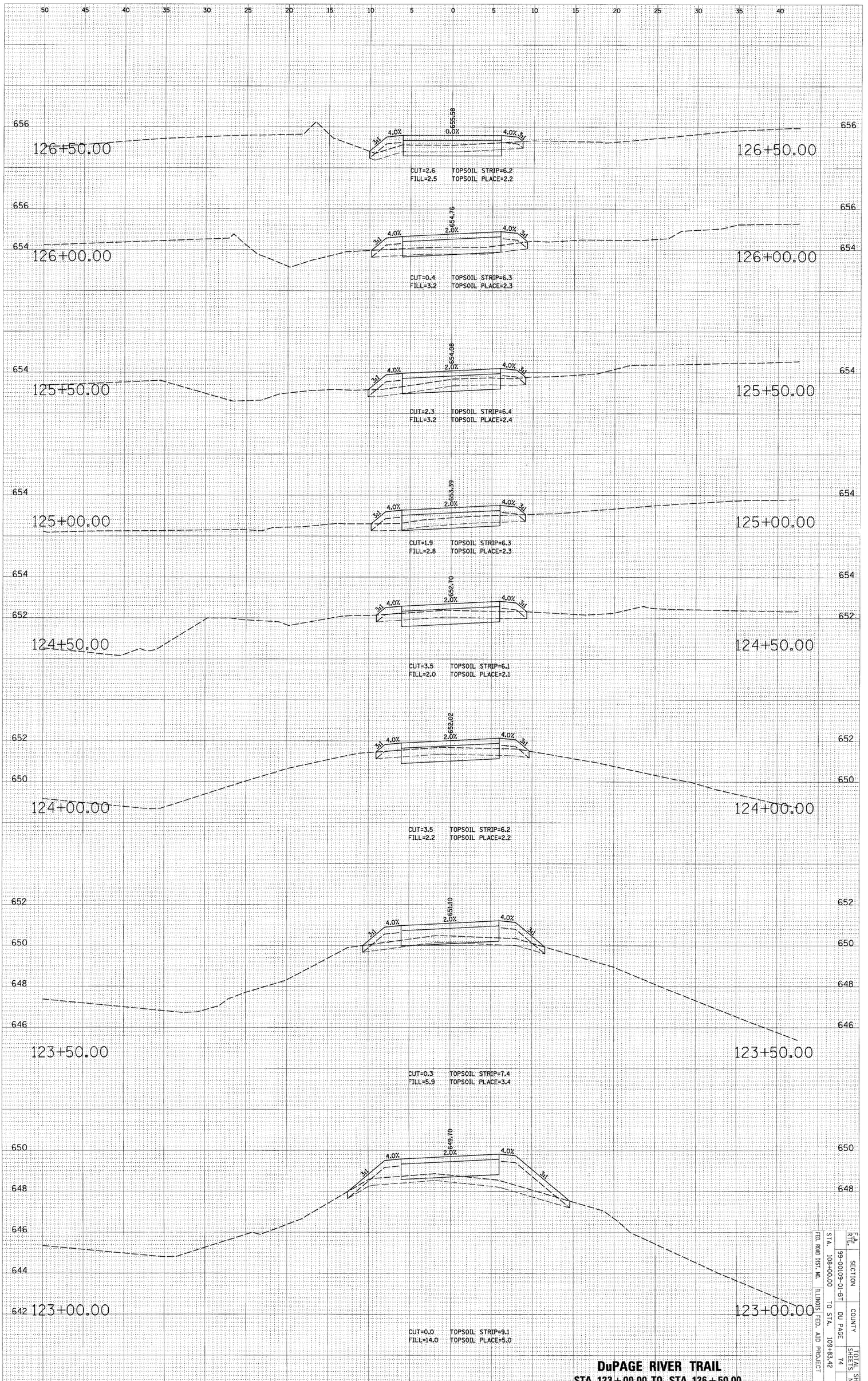
STA. 120+50.00 TO STA. 122+50.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
STA. 105+00.00	TO STA. 107+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-0009-01-BT	DU PAGE	74	68

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

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



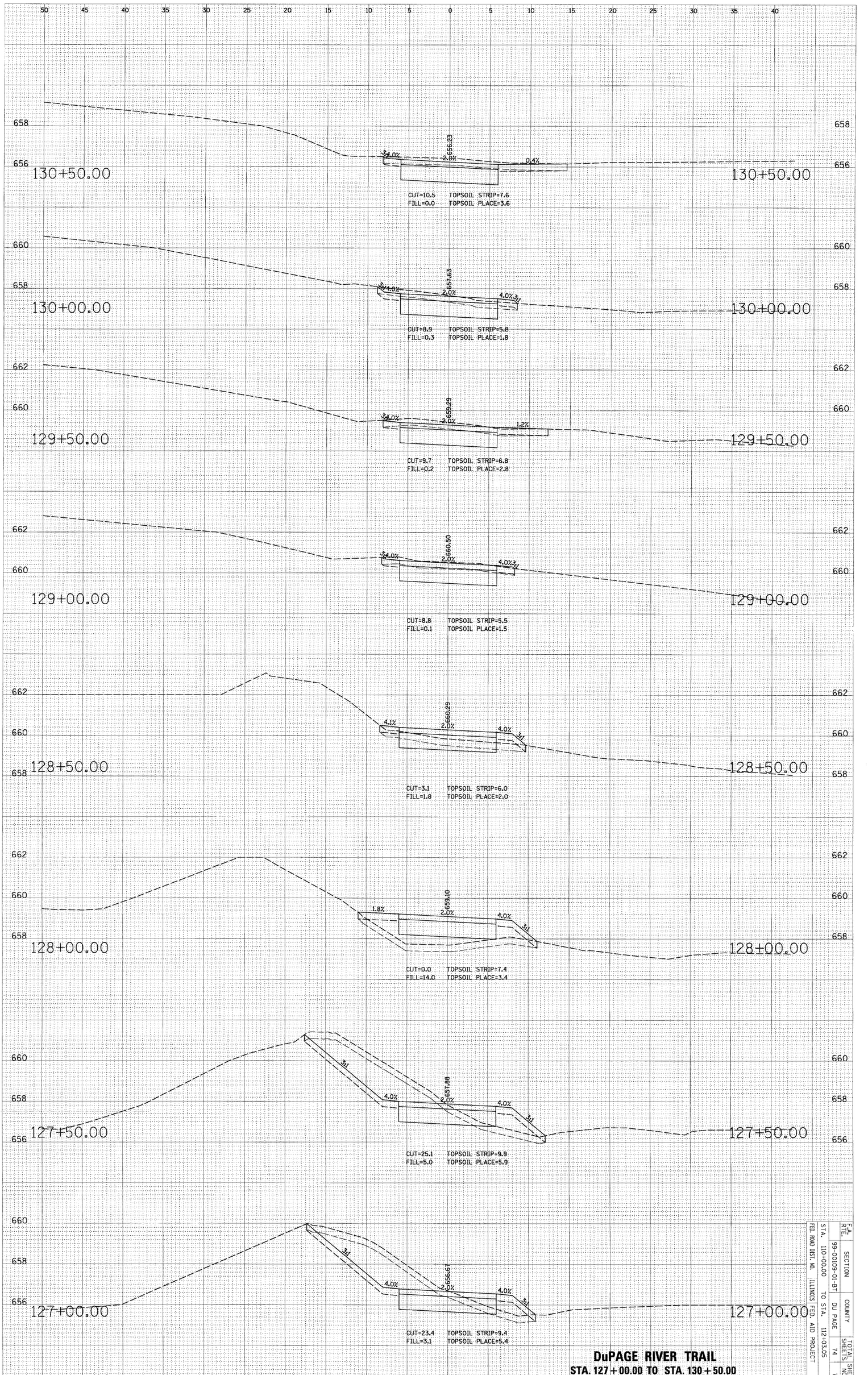
DuPAGE RIVER TRAIL

STA. 123+00.00 TO STA. 126+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 108+00.00	99-00109-01-BT	DU PAGE	74	69
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	TO STA. 109+83.42		

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

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



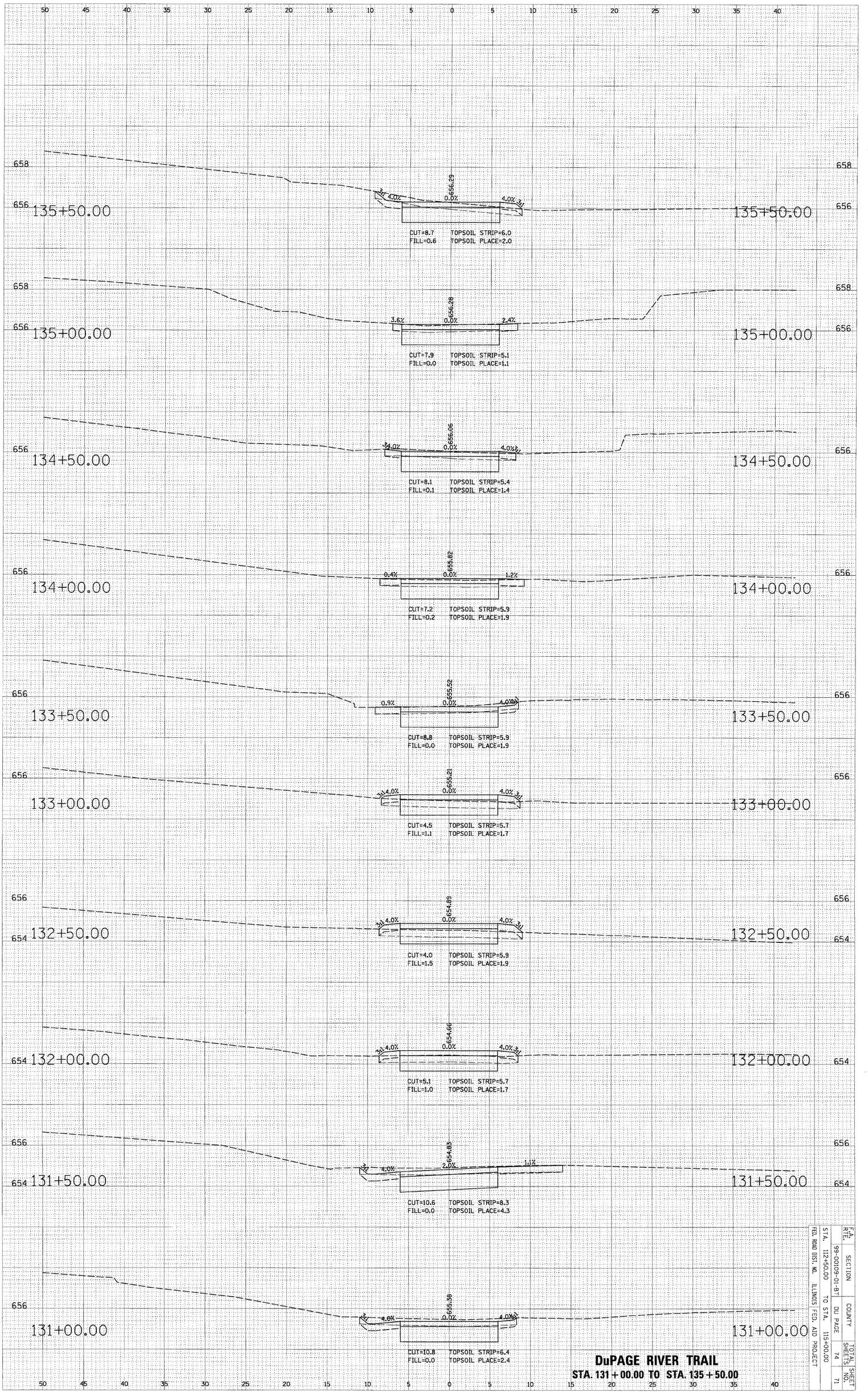
DuPAGE RIVER TRAIL

STA. 127+00.00 TO STA. 130+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	
ILLINOIS FED. AID PROJECT	STA. 110+00.00 TO STA. 112+03.05			TO

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

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



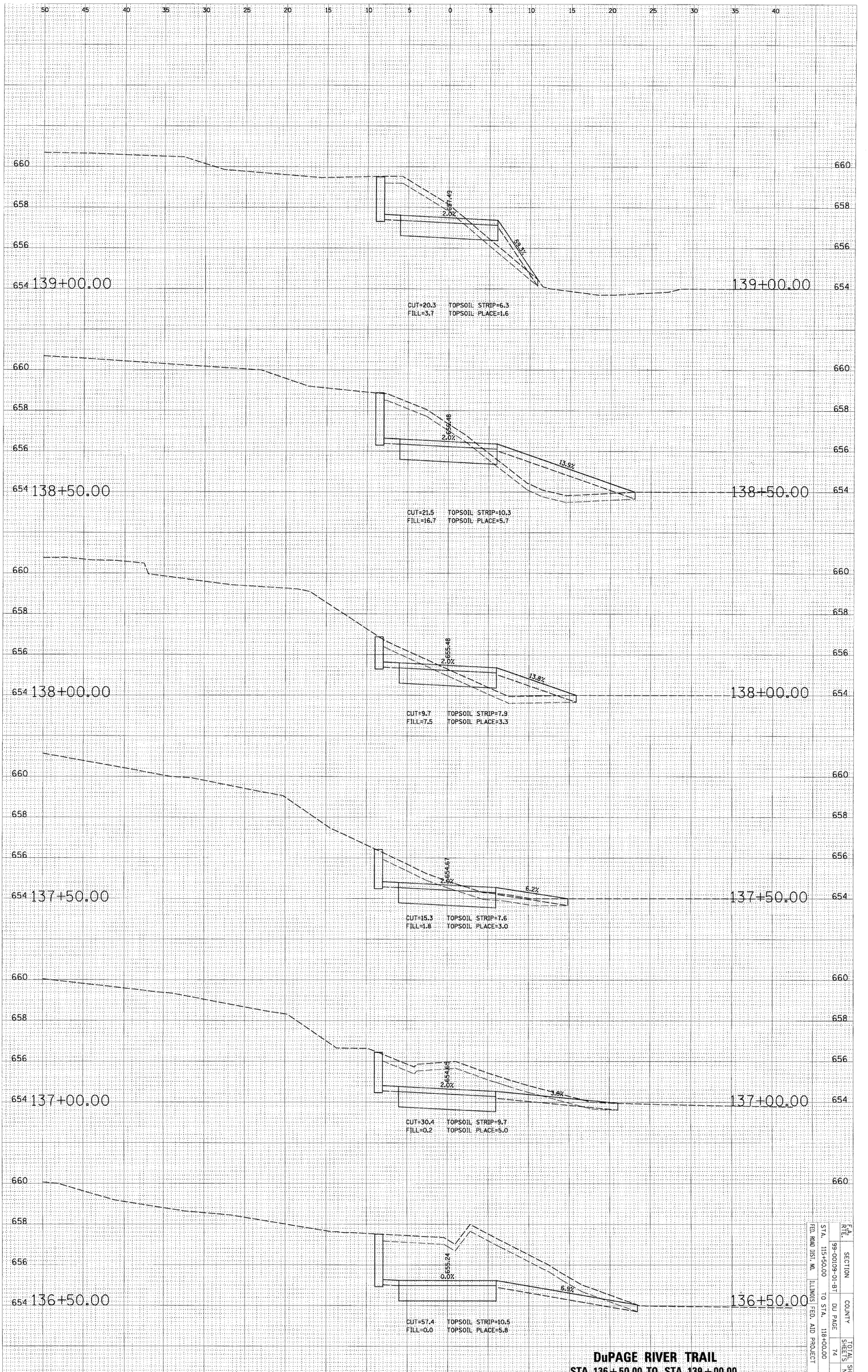
DuPAGE RIVER TRAIL

STA. 131+00.00 TO STA. 135+50.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	F.A. RTE.
STA. 112+50.00	TO STA. 115+00.00	DU PAGE	99-00109-01-BT
		TOTAL SHEETS 74	SHEET NO. 71

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

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



DuPAGE RIVER TRAIL

STA. 136+50.00 TO STA. 139+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.	99-00109-01-BT	DU PAGE	74	12
STA. 115+50.00	TO STA. 118+00.00	ILLINOIS FED. AID PROJECT		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DU PAGE	74	73
STA. 118+50.00	TO STA. 120+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

DuPAGE RIVER TRAIL
STA. 139+50.00 TO STA. 140+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00109-01-BT	DuPAGE	74	74
STA. 91+60.32		TO STA. 92+20.71		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

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