

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00054-00-BT		COOK	47	1

CONTRACT NO. 63211

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID PROJECT

NATURAL GAS PIPELINE COMPANY OF AMERICA (N.G.P.L.) BIKE PATH  
F.A.P. 362 (BARRINGTON ROAD) TO F.A.U. 2562 (SPRINGSGUTH ROAD)

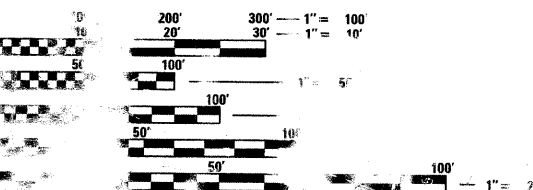
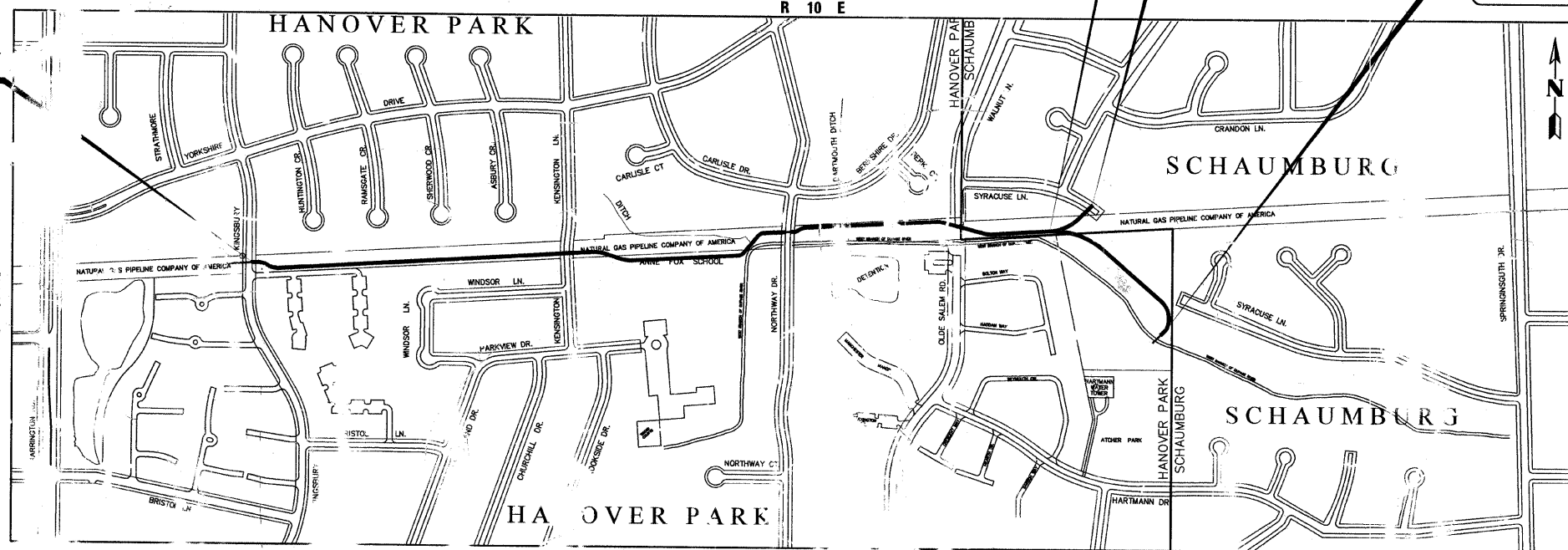
SECTION NO.: 06-00054-00-BT  
PROJECT NO.: M-9003(047)  
JOB NO.: C-91-388-08  
VILLAGE OF HANOVER PARK  
COOK COUNTY

SHEET NO.	DESCRIPTION
1	TITLE & INDEX OF SHEETS
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13-14	CONSTRUCTION DETAILS
14A	CULVERT DETAILS
15-45	CROSS SECTIONS (MAINLINE)
46-47	CROSS SECTIONS (SPUR)

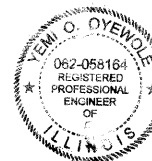
HIGHWAY STANDARDS SEE SHEET 2

**TRAFFIC DATA**  
ADT (2030) = 500 CYCLISTS  
DESIGN SPEED = 20 MPH

**CLASSIFICATION**  
BIKE TRAIL



LC AT 4AF  
CROSS LENGTH AND NET LENGTH  
FEET (0.92 MILES)



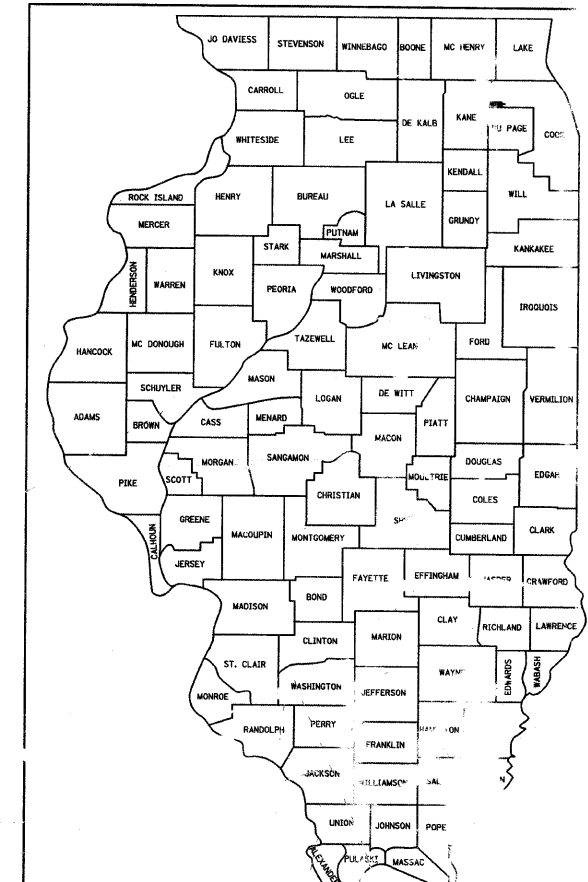
DATE: 5/19/2009  
EXPIRES: 11/30/2009

PROJECT LOCATION: HANOVER PARK, ILLINOIS  
ACTION FOR EXHIBITION: AS SHOWN

PROJECT MANAGER: YEMI OYEWOLE  
ENGINEER: MARIA ANTONIO

SPONSORING AGENCY:  
VILLAGE OF HANOVER PARK

CONTRACT NO. 63211



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved: June 1, 2009  
*William J. Beckman*  
VILLAGE OF HANOVER PARK, ILLINOIS ENGINEER

Passed: July 16, 2009  
*Christopher Holt*  
DISTRICT #1 ENGINEER AND STREET

Reviewed for Bid on Limited Review: July 16, 2009  
*Diane M. O'Keefe*  
DEPUTY CHIEF OF HIGHWAYS ENGINEER

PRINTED OF THE AU FILE'S

PREPARED BY:

500 S. CHICAGO

CONSULTING ENGINEER: STEVEN STALLWORTH, P.E. - (847) 705-4169

## GENERAL NOTES

### SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007. (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); 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; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

### PROJECT COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE VILLAGE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. ATTENTION IS CALLED TO SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET AND/OR ANY PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

### SAFETY:

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN, OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN SAFETY VESTS MEETING THE REQUIREMENTS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE SPECIFICATION ANSI/ISEA 107-1999 FOR CONSPICUITY CLASS 2 GARMENTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.

### EXISTING UTILITIES:

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE VILLAGE OF HANOVER PARK, NATURAL GAS PIPELINE COMPANY OF AMERICA (NGPL), NORTHWEST SUBURBAN MUNICIPAL JOINT ACTION WATER AGENCY (NSMJAWA) AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE VILLAGE OF HANOVER PARK OF HIS INTENTION TO BEGIN WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS/HER EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING J.U.L.I.E. AT TOLL FREE NUMBER 800-892-0123 AND THE VILLAGE OF HANOVER PARK PUBLIC WORKS DEPARTMENT AT 630-372-4271 REQUESTING UTILITY LOCATION STAKING 48 HOURS PRIOR TO EXCAVATING.

### TRAFFIC CONTROL AND MAINTENANCE:

THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT ONLY ONE TEMPORARY LANE CLOSURE ON ONE STREET IN ONE DIRECTION IS IMPLEMENTED AT A TIME. A LANE CLOSURE WILL ONLY BE PERMITTED DURING CONSTRUCTION OPERATIONS AND IN ACCORDANCE WITH THE APPLICABLE IDOT STANDARDS. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES, INCLUDING FLAGGERS, REQUIRED TO MAINTAIN TRAFFIC FLOW. THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT NO HOLES IN THE PAVEMENT WILL REMAIN OPEN OVER NIGHT.

ACCESS TO ABUTTING PROPERTY SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. TIME REQUIRED FOR CONSTRUCTION AT DRIVEWAYS SHALL BE LIMITED TO THE MINIMUM TIME REQUIRED FOR SAID CONSTRUCTION AND, IF REQUIRED, TEMPORARY AGGREGATE SURFACE FOR DRIVEWAY ACCESS SHALL BE PROVIDED.

### UTILITY ADJUSTMENT/RECONSTRUCTION

ANY EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER. ADJUSTMENTS AND/OR RECONSTRUCTIONS NOT CALLED OUT FOR ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. NO MORE THAN A TOTAL OF 12 INCHES OF ADJUSTING RINGS AND/OR 2 ADJUSTING RINGS SHALL BE ALLOWED.

### DISPOSAL OF EXCESS MATERIAL:

ALL EXCESS MATERIAL AND ANY OTHER DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN OFF-SITE DISPOSAL AREA.

### PROTECTION OF PUBLIC/PRIVATE PROPERTY:

THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES, SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

### SAW CUTTING FOR REMOVAL:

THE CONTRACTOR SHALL BE REQUIRED TO MAKE A FULL DEPTH SAW CUT AT THE EDGE OF PAVEMENT ADJACENT TO THE REMOVAL OF ALL CONCRETE CURB OR COMBINATION CONCRETE CURB AND GUTTER. THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTERS, SIDEWALKS, AND DRIVEWAYS AS SPECIFIED, OR AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR REMOVAL OF THE SPECIFIED ITEM IN THE CONTRACT.

### PAVEMENT REMOVAL:

THE ITEM OF PAVEMENT REMOVAL SHALL INCLUDE ALL SAW CUTS AND MILLING TO PROVIDE A NEAT, STRAIGHT PERPENDICULAR EDGE ADJACENT TO DRIVEWAY TO REMAIN. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR PAVEMENT REMOVAL.

### SIDEWALKS

SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE PROVIDED AT ALL ROADWAY AND CURBED DRIVEWAY INTERSECTIONS AS SHOWN IN THE STANDARDS. ADJACENT PAVEMENT OR SIDEWALK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR. THE COST FOR RAMPS AND RESTORATION OF ADJACENT PAVEMENT SHALL BE AT HIS/HER EXPENSE.

### BIKE PATH SLOPE:

AT LOCATIONS OF OVERLAND FLOW ACROSS THE BIKE PATH IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SLOPE THE BIKE PATH A MINIMUM AND MAXIMUM OF 2% IN THE SAME DIRECTION AS THE ADJACENT CROSS SLOPE DRAINAGE TO MAINTAIN OVERLAND FLOW ACROSS THE BIKE PATH.

### EXISTING STREET CLEANLINESS:

THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER.

### BASE COURSE CLEANING:

PRIOR TO APPLYING THE BITUMINOUS PRIME COAT, THE BASE SURFACE SHALL BE CLEANED OF ALL LOOSE LEAVES, DUST, DIRT, WEEDS AND OTHER FOREIGN MATERIALS. COST TO BE CONSIDERED INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

### HOT-MIX ASPHALT PAVEMENTS:

FOR DESIGN AND QUANTITY ESTIMATION PURPOSES, THESE PLANS HAVE BEEN DEVELOPED USING 112.0 POUNDS PER SQUARE YARD PER INCH THICKNESS OF HOT-MIX ASPHALT SURFACE PAVEMENTS.

### CLEAN-UP AND DISPOSAL:

THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND ANY SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE OWNER OR THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE.

### CONSTRUCTION LIMITS:

THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN CONSTRUCTION LIMITS AS SHOWN ON PLANS. ANY DAMAGE OUTSIDE OF SAID CONSTRUCTION LIMITS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

### LANDSCAPING RESTORATION:

ALL GRASSED AREAS OUTSIDE THE CONSTRUCTION LIMITS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED WITH A MINIMUM OF 4" OF PULVERIZED TOP SOIL AND SEEDING, CLASS 2A. THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

### PROPERTY ACCESS:

DURING CONSTRUCTION, ALL SIGNS, BARRICADES, AND TEMPORARY PAVEMENT MARKINGS WILL CONFORM TO THE ILLINOIS MUTCD. VEHICULAR ACCESS TO LOCAL PROPERTIES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, EXCEPT WHEN CONSTRUCTION OPERATIONS OCCUR DIRECTLY ON OR IN FRONT OF DRIVEWAYS. IN THIS CASE, FLAG PERSONS WILL BE USED TO DIRECT AND CONTROL TRAFFIC.

### AS-BUILT RECORD DRAWINGS:

A SET OF AS-BUILT RECORD DRAWINGS SHALL BE GIVEN TO THE VILLAGE OF HANOVER PARK UPON COMPLETION OF IMPROVEMENTS SHOWING THE ELEVATION AND LOCATION (TIED TO TWO POINTS) OF ALL NEW AND EXISTING STRUCTURES INCLUDING FIRE HYDRANTS, VALVE BOXES AND VAULTS, MANHOLES, SEWER LINES, ETC. ALL ELEVATIONS SHOULD BE REFERENCED TO THE SAME BENCHMARK DATUM AS THE ORIGINAL DESIGN PLANS. HORIZONTAL TIES SHALL BE REFERENCED TO LOT LINES, BACK OF CURB, OR PROPERTY CORNERS.

## CONSTRUCTION ACCESS LOCATIONS

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

### EXCAVATION SCHEDULE

LOCATION	(CUT) SUITABLE EXCAVATION (EARTH EXCAVATION)	EARTH EX ADJUSTED FOR SHRINKAGE (15%)	(FILL) SUITABLE EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE (-) (FURNISHED EXCAVATION)	(TOPSOIL CUT) UNSUITABLE EXCAVATION (TOPSOIL)
	CY	CY	CY	CY	CY
Mainline Path					
STA. 0+00 - STA. 14+65	137.0	116.5	35.0	81.5	37.0
STA. 15+00 - STA. 25+65	32.0	27.2	2.0	25.2	9.0
STA. 26+00 - STA. 46+12	187.0	159.0	149.0	9.9	52.0
STA. 38+50 - STA. 40+82	6.0	5.1	1.0	4.1	2.0
TOTALS	362	303	187	117	100

HIGHWAY STANDARDS	
STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" DIA. AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST-REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
664001-02	CHAIN LINK FENCE
701006-03	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS FOR SIGNS AND MARKERS

## SEDIMENTATION AND EROSION CONTROL NOTES

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
- C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- D. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- E. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS, ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- F. EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE DUPAGE COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.

REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
  
GENERAL NOTES  
AND STANDARDS

SCALE: DRAWN BY: VAP  
DATE: CHECKED BY: YOO

ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY Y047	SEGMENT A (KINGSBURY LANE)	SEGMENT B (KENSINGTON LANE)	SEGMENT C (NORTHWAY DRIVE)	SEGMENT D (SPUR)
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15	0	0	15	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	108	0	0	108	0
20100500	TREE REMOVAL, ACRES	ACRE	0.4	0	0.2	0.2	0
20101100	TREE TRUNK PROTECTION	EACH	2	0	0	2	0
20200100	EARTH EXCAVATION	CU YD	362	137	32	187	6
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	37	9	52	2
20400800	FURNISHED EXCAVATION	CU YD	120.7	81.5	25.2	10	4
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	90	5	5	75	5
20800150	TRENCH BACKFILL	CU YD	10	0	0	10	0
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6364	1953	1420	2682	309
21101625	TOPSOIL, FURNISH AND PLACE, 6 INCH	SQ YD	3183	977	710	1341	155
25000210	SEEDING, CLASS 2A	ACRE	0.66	0.2	0.15	0.28	0.03
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	59.4	18.2	13.2	25	3
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	59.4	18.2	13.2	25	3
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	59.4	18.2	13.2	25	3
25100115	MULCH METHOD 2	ACRE	0.66	0.2	0.15	0.28	0.03
25100401	EXCELSIOR BLANKET, SPECIAL	SQ YD	3194	968	726	1355	145
28000400	PERIMETER EROSION BARRIER	FOOT	9850	3022	2197	4150	481
28000510	INLET FILTERS	EACH	3	1	1	1	
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	115.5	38.5	38.5	38.5	0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5305	1628	1183	2236	258
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1326	407	296	559	64
40600300	AGGREGATE (PRIME COAT)	TON	10.62	3.26	2.37	4.47	0.52
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	892	274	199	376	43
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	2	0	0	2	0
42001300	PROTECTIVE COAT	SQ YD	215	38	139	38	0
42400800	DETECTABLE WARNINGS	SQ FT	80	16	32	32	0
44000100	PAVEMENT REMOVAL	SQ YD	32	0	0	32	0
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	75	15	30	30	0
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	0	0	1	0
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	2	0	2	0	0
54010603	PRECAST CONCRETE BOX CULVERT 6'X3'	FOOT	25	0	25	0	0
54213483	END SECTIONS 48"	EACH	1	0	0	1	0
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	0	0	0	1
54248510	CONCRETE COLLAR	CU YD	11.4	0	0	11.4	0
55022600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 48"	FOOT	58	0	0	58	0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	70	0	0	70	0
56109210	WATER VALVES TO BE ADJUSTED	EACH	2	0	0	2	0
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	0	0	0	1
66400205	CHAIN LINK FENCE, 5'	FOOT	40	0	0	40	0
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	20	0	0	20	0
66410900	CHAIN LINK GATES TO BE REMOVED AND RE-ERECTED	EACH	2	0	0	2	0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO.	2	2	0	0	0
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1	0.25	0.25	0.25	0.25
72000100	SIGN PANEL - TYPE 1	SQ FT	62.5	31.25	25	6.25	0
72900100	METAL POST - TYPE A	FOOT	72	24	24	24	0
72900200	METAL POST - TYPE B	FOOT	81	27	27	27	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	195	65	65	65	0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	156	56	50	50	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	274	97	87	90	0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4825	1465	1065	2015	280
Z0064600	SELECTIVE CLEARING	ACRE	0.1	0	0	0.1	0
XX002906	TIP DOWN GATE	EACH	6	2	2	2	0
XX006066	SIGN TO BE RELOCATED	EACH	10	2	2	6	0
* XX008134	VENT (AIR HORN) PIPES TO BE RELOCATED	EACH	2	0	0	2	0
* XX008135	CATHODIC PROTECTION SYSTEM TESTING	L SUM	5	2	2	1	0

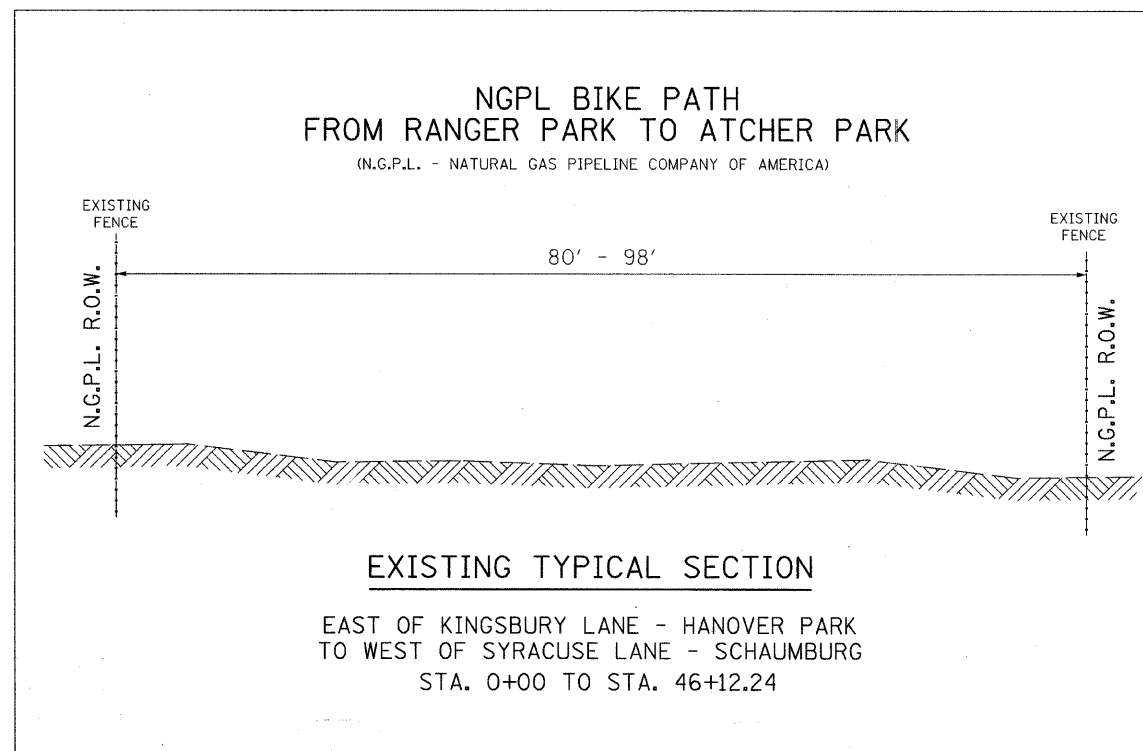
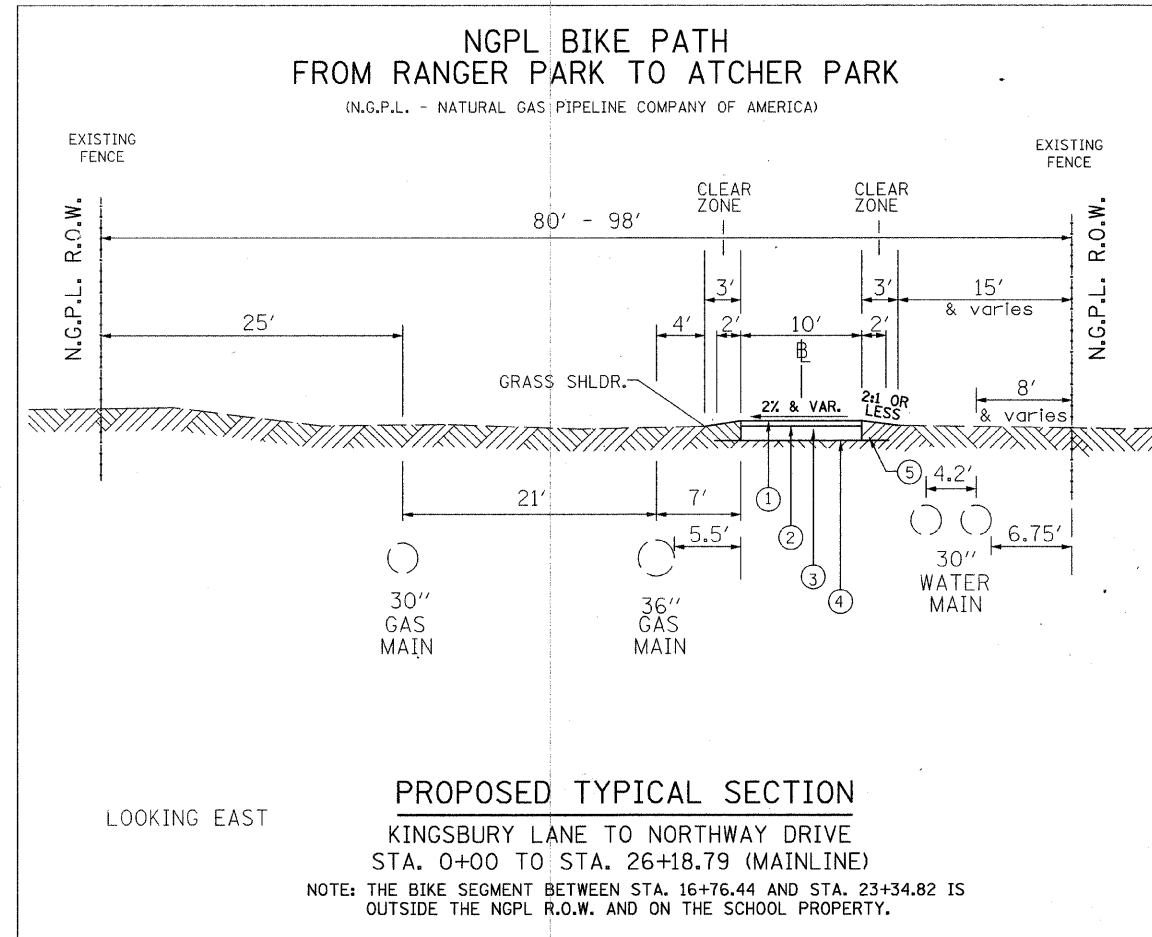
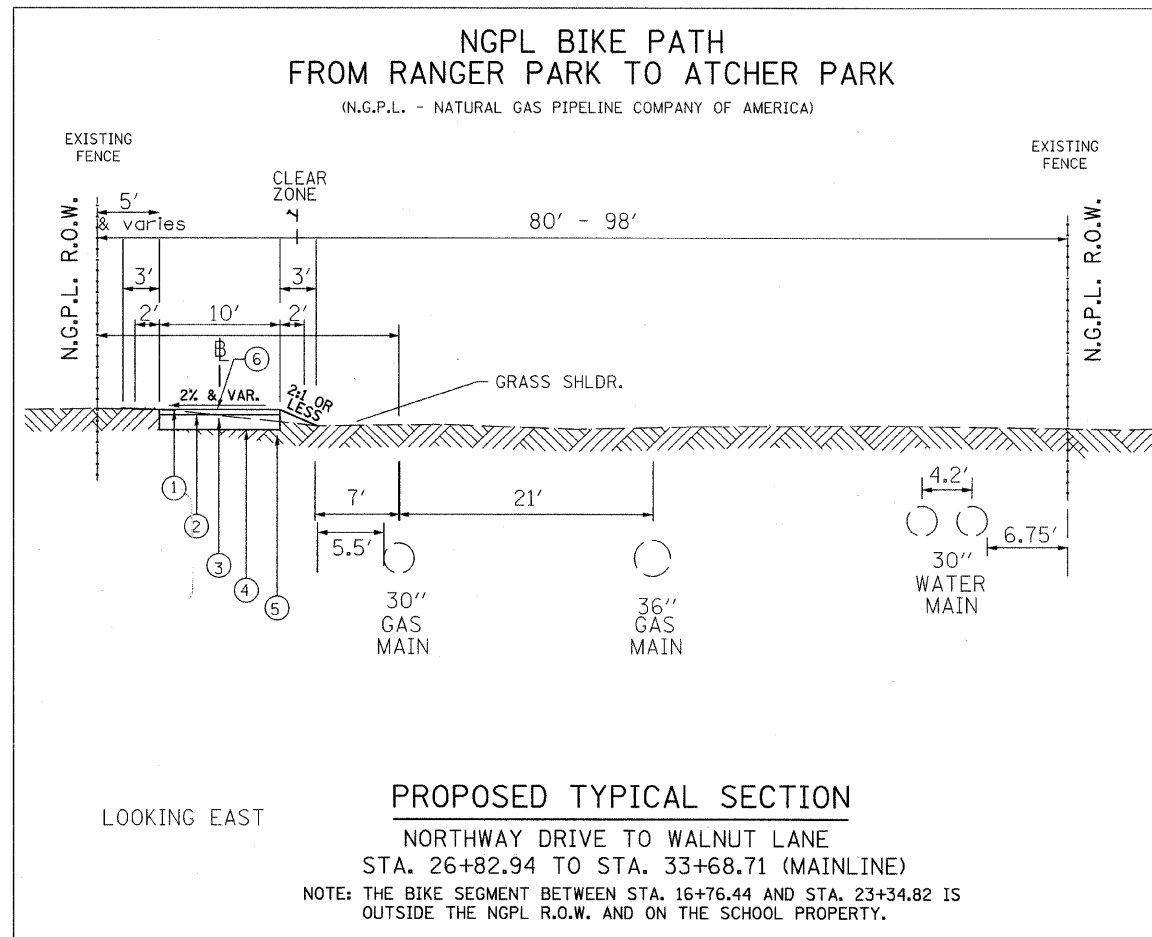
\* SPECIALTY ITEM

REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
SUMMARY OF QUANTITIES

SCALE: DRAWN BY: VAP  
DATE: CHECKED BY: JOO



**NOTE 1:**

WHERE UNSUITABLE MATERIAL UNDERLIES THE BIKE PATH, SHOULDERS AND/OR EMBANKMENT, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF UNSUITABLE MATERIAL TO A DEPTH 1'-0" BELOW AGGREGATE BASE COURSE AND PLACEMENT OF 1'-0" OF POROUS GRANULAR EMBANKMENT SUBGRADE AND A GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.

**NOTE 2:**

WHERE THE TYPICAL SECTION INDICATES A CONSTANT CROSS-SLOPE ACROSS THE TRAIL, THE CONTRACTOR SHALL CONSTRUCT THE PATH SO THAT THE CROSS SLOPE IS IN THE DIRECTION OF THE GROUND SLOPE.

**NOTE 3:**

AT ALL INTERSECTIONS OF BIKE PATH AND STREETS/DRIVEWAYS DEPRESS THE CURB (IF APPLICABLE) AND KEEP EXISTING PAVEMENT ELEVATIONS.

**LEGEND:**

- ① HOT-MIX ASPHALT SURF. CRSE., MIX C, N50, 3 IN.
- ② BITUMINOUS MATERIAL, PRIME COAT
- ③ AGGREGATE BASE COURSE, TYPE B, 6"
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑤ 6" TOP SOIL AND SEEDING CLASS 2A

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

BIKE PATH SURFACE	AC TYPE	VOIDS	MAX RAP %
HOT-MIX ASPHALT SURFACE COURSE, MIX. C, N50 (IL 3.0 INCHES)	PG 64-22	4% @ 50 GYR	15

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACES MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL. 60606 FAX (312)-939-4198

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
TYPICAL CROSS SECTIONS

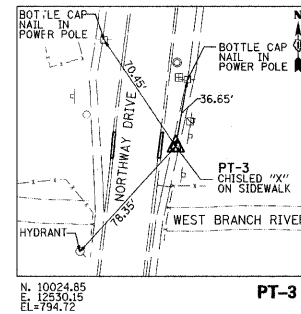
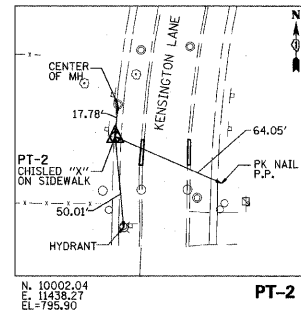
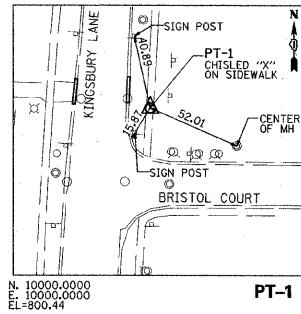
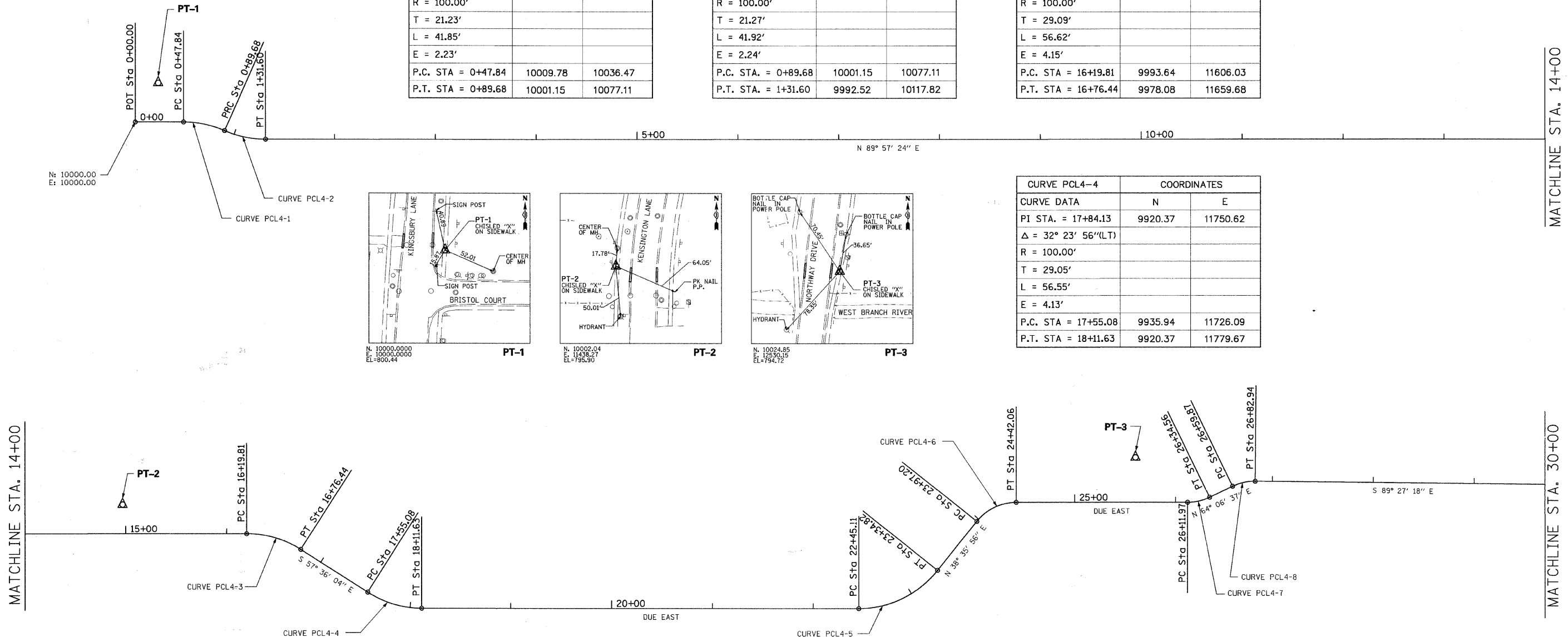
SCALE: DATE: DRAWN BY: VAP  
CHECKED BY: YOO

CURVE PCL4-1	COORDINATES	
CURVE DATA	N	E
PI STA. = 0+69.07	10009.78	10057.70
$\Delta = 23^\circ 58' 34''$ (RT)		
R = 100.00'		
T = 21.23'		
L = 41.85'		
E = 2.23'		
P.C. STA = 0+47.84	10009.78	10036.47
P.T. STA = 0+89.68	10001.15	10077.11

CURVE PCL4-2	COORDINATES	
CURVE DATA	N	E
PI STA. = 1+10.95	9992.50	10096.54
$\Delta = 24^\circ 01' 10''$ (LT)		
R = 100.00'		
T = 21.27'		
L = 41.92'		
E = 2.24'		
P.C. STA. = 0+89.68	10001.15	10077.11
P.T. STA. = 1+31.60	9992.52	10117.82

CURVE PCL4-3	COORDINATES	
CURVE DATA	N	E
PI STA. = 16+48.91	9993.66	11635.12
$\Delta = 32^\circ 26' 31''$ (RT)		
R = 100.00'		
T = 29.09'		
L = 56.62'		
E = 4.15'		
P.C. STA = 16+19.81	9993.64	11606.03
P.T. STA = 16+76.44	9978.08	11659.68

CURVE PCL4-4	COORDINATES	
CURVE DATA	N	E
PI STA. = 17+84.13	9920.37	11750.62
$\Delta = 32^\circ 23' 56''$ (LT)		
R = 100.00'		
T = 29.05'		
L = 56.55'		
E = 4.13'		
P.C. STA = 17+55.08	9935.94	11726.09
P.T. STA = 18+11.63	9920.37	11779.67



**BENCHMARK #4**  
CHISELED MARK ON N.W. CORNER OF EAST HEADWALL OVER DUPAGE WEST BRANCH RIVER ON NORTHWAY DRIVE

**BENCHMARK #37**  
DISK SET ON TOP OF HEADWALL ON THE SOUTH EDGE AT THE DUPAGE WEST BRANCH RIVER NEAR THE ANNE FOX SCHOOL TENNIS COURTS

**BENCHMARK #2**  
CHISELED MARK ON NORTHWEST CORNER OF HEADWALL AT SOUTH OF ADDRESS - 1468 YORKSHIRE.

CURVE PCL4-5	COORDINATES	
CURVE DATA	N	E
PI STA. = 22+93.24	9920.37	12261.28
$\Delta = 51^\circ 24' 03''$ (LT)		
R = 100.00'		
T = 48.13'		
L = 89.71'		
E = 10.98'		
P.C. STA = 22+45.11	9920.37	12213.15
P.T. STA = 23+34.82	9957.98	12291.31

CURVE PCL4-6	COORDINATES	
CURVE DATA	N	E
PI STA. = 24+21.27	10025.54	12345.23
$\Delta = 51^\circ 24' 03''$ (RT)		
R = 50.00'		
T = 24.06'		
L = 44.86'		
E = 5.49'		
P.C. STA = 23+97.20	10006.74	12330.22
P.T. STA = 24+42.06	10025.54	12369.30

CURVE PCL4-7	COORDINATES	
CURVE DATA	N	E
PI STA. = 26+23.46	10025.54	12550.70
$\Delta = 25^\circ 53' 23''$ (LT)		
R = 50.00'		
T = 11.49'		
L = 22.59'		
E = 1.30'		
P.C. STA = 26+11.97	10025.54	12539.21
P.T. STA = 26+34.56	10030.56	12561.04

CURVE PCL4-8	COORDINATES	
CURVE DATA	N	E
PI STA. = 26+71.61	10046.74	12594.37
$\Delta = 26^\circ 26' 05''$ (RT)		
R = 50.00'		
T = 11.74'		
L = 23.07'		
E = 1.36'		
P.C. STA = 26+59.87	10041.61	12583.81
P.T. STA = 26+82.94	10046.63	12606.11

REVISIONS	
NAME	DATE

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CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
ALIGNMENTS, TIES & CONTROL POINTS

SCALE: \_\_\_\_\_ DRAWN BY: VAP  
DATE: \_\_\_\_\_ CHECKED BY: YOO

63211

CURVE PCL4-9	COORDINATES	
CURVE DATA	N	E
PI STA. = 33+51.44	10040.27	13274.59
$\Delta = 19^\circ 59' 20''$ (RT)		
R = 100.00'		
T = 17.62'		
L = 34.89'		
E = 1.54'		
P.C. STA = 33+33.82	10040.44	13256.97
P.T. STA = 33+68.71	10034.09	13291.09

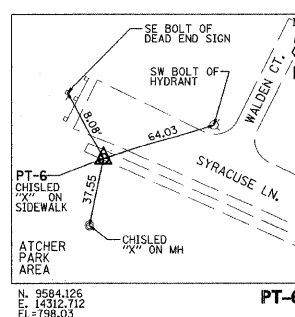
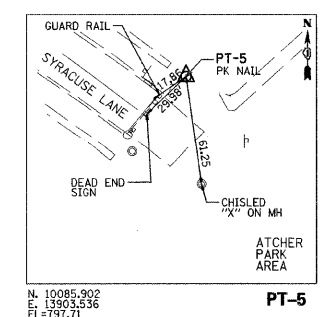
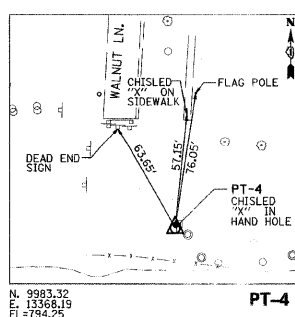
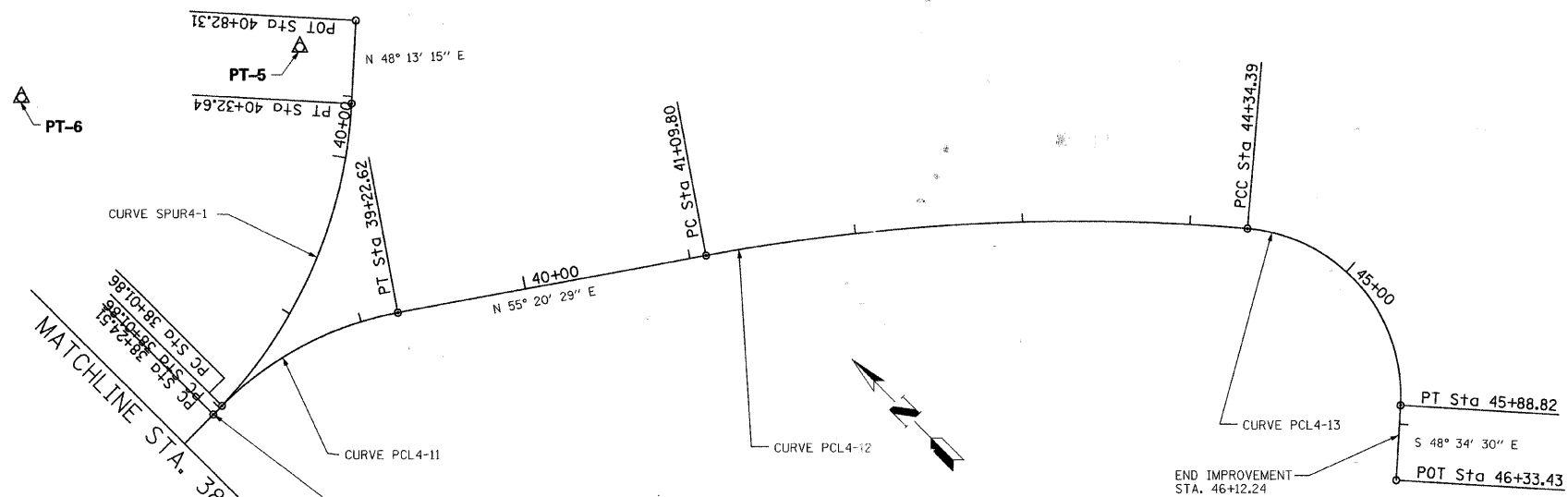
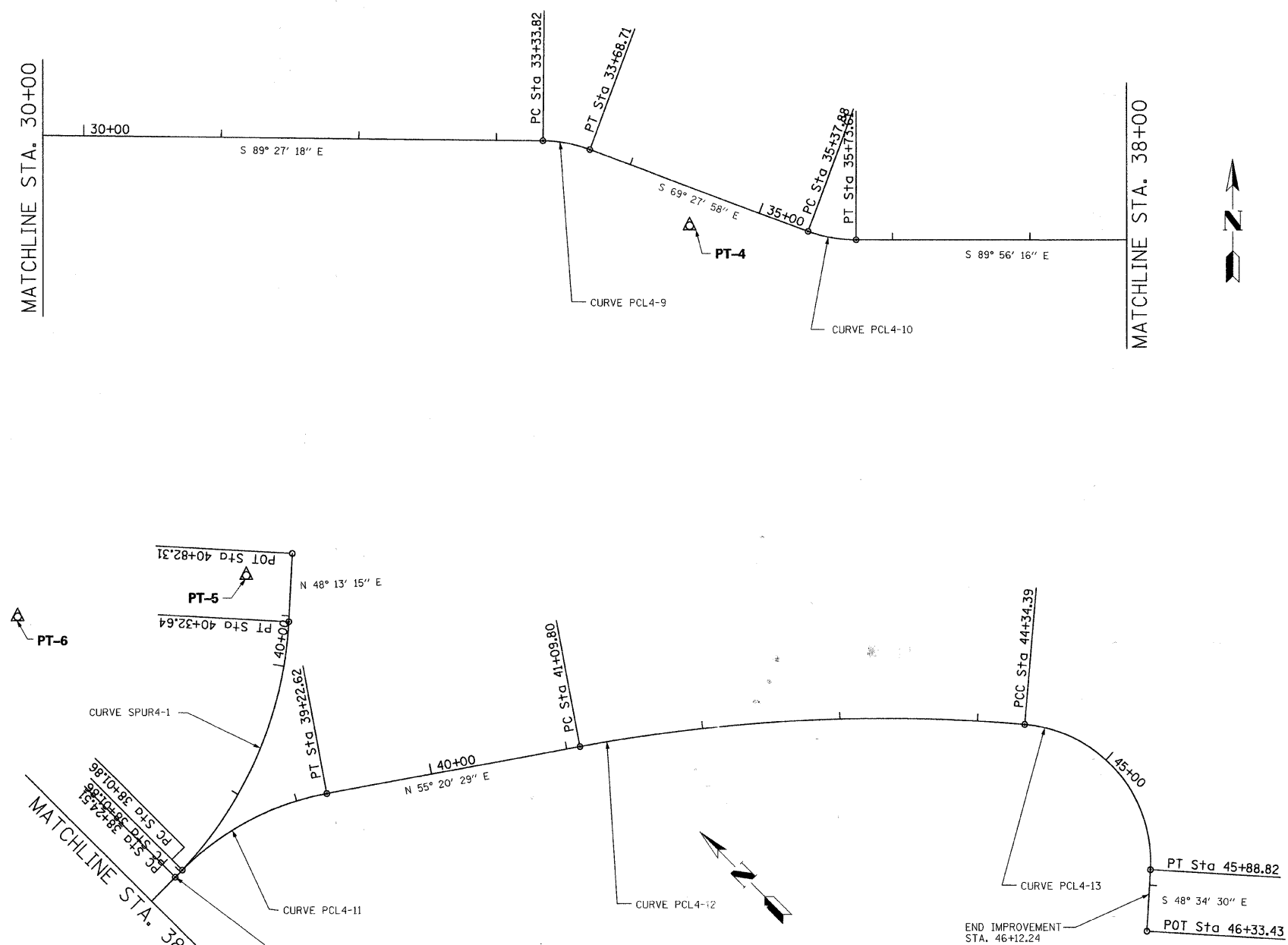
CURVE PCL4-10	COORDINATES	
CURVE DATA	N	E
PI STA. = 35+55.94	9968.41	13466.43
$\Delta = 20^\circ 28' 18$ (LT)		
R = 100.00'		
T = 18.06'		
L = 35.73'		
E = 1.62'		
P.C. STA = 35+37.88	9974.75	13449.52
P.T. STA = 35+73.61	9968.39	13494.49

CURVE PCL4-11	COORDINATES	
CURVE DATA	N	E
PI STA. = 38+64.15	9968.08	13775.02
$\Delta = 34^\circ 35' 46''$ (RT)		
R = 200.00'		
T = 62.29'		
L = 120.76'		
E = 9.47'		
P.C. STA = 38+01.86	9968.15	13712.74
P.T. STA = 39+22.62	9932.66	13826.26

CURVE SPUR4-1	COORDINATES	
CURVE DATA	N	E
PI STA. = 39+33.46	9968.04	13814.43
$\Delta = 41^\circ 50' 28''$ (LT)		
R = 285.00'		
T = 108.95'		
L = 208.13'		
E = 20.11'		
P.C. STA = 38+24.51	9968.16	13705.49
P.T. STA = 40+32.64	10040.63	13895.68

CURVE PCL4-12	COORDINATES	
CURVE DATA	N	E
PI STA. = 42+73.08	9733.36	14114.53
$\Delta = 15^\circ 26' 02''$ (RT)		
R = 1,205.00'		
T = 163.28'		
L = 324.59'		
E = 11.01'		
P.C. STA = 41+09.80	9826.22	13980.22
P.T. STA = 44+34.39	9608.11	14219.28

CURVE PCL4-13	COORDINATES	
CURVE DATA	N	E
PI STA. = 45+31.78	9533.40	14281.76
$\Delta = 88^\circ 28' 58''$ (RT)		
R = 100.00'		
T = 97.39'		
L = 154.43'		
E = 39.59'		
P.C. STA = 44+34.39	9608.11	14219.28
P.T. STA = 45+88.82	9468.97	14208.74



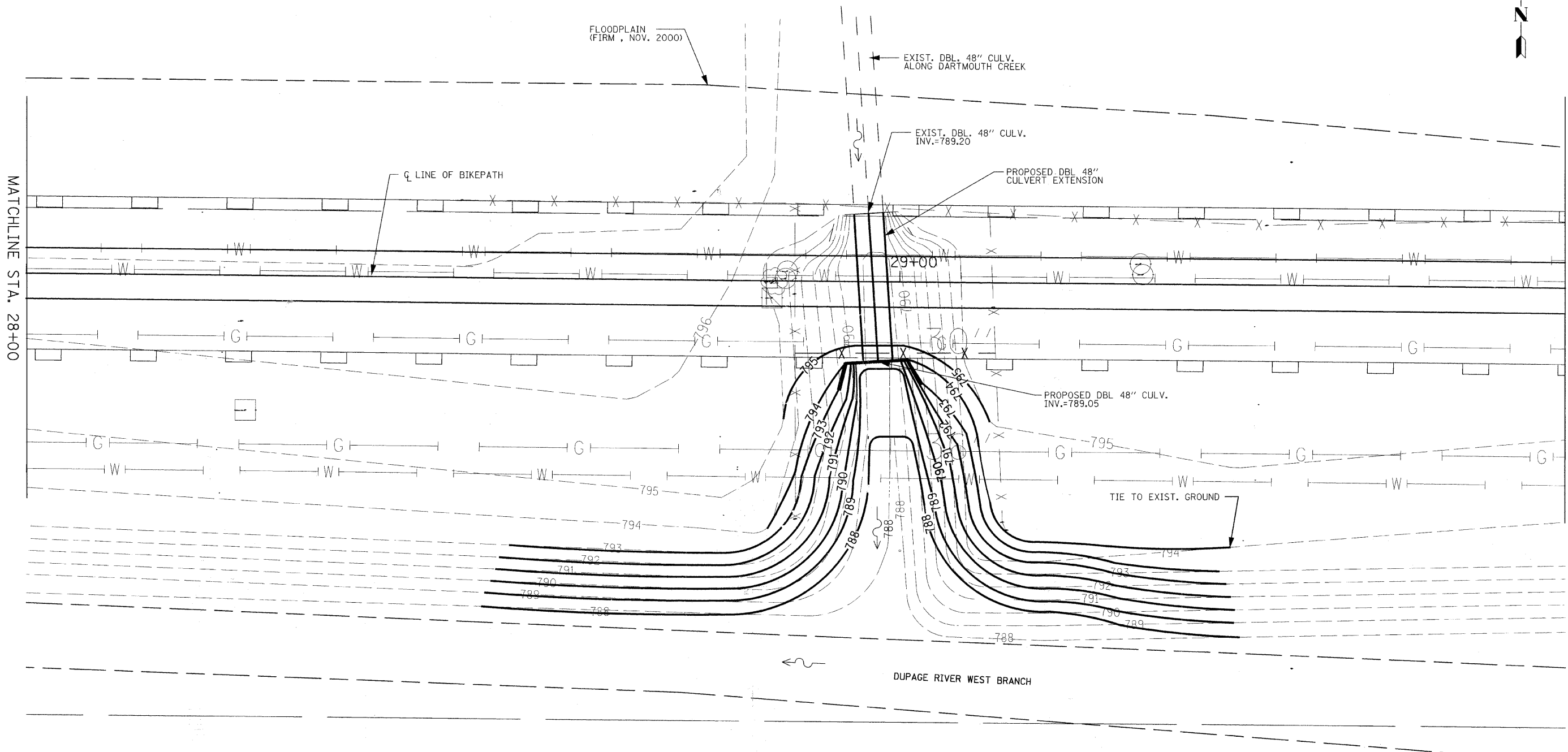
REVISIONS	
NAME	DATE

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VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
ALIGNMENTS, TIES & CONTROL POINTS

SCALE: \_\_\_\_\_ DRAWN BY: VAP  
DATE: \_\_\_\_\_ CHECKED BY: YOO

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00054-00-BT	COOK	47	7



MATCHLINE STA. 28+00

MATCHLINE STA. 30+00

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REVISIONS	
NAME	DATE

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
GRADING PLAN  
STA. 28+00 TO STA. 30+00

SCALE: 1"=20'  
DATE: DRAWN BY: VAP  
CHECKED BY: YOO

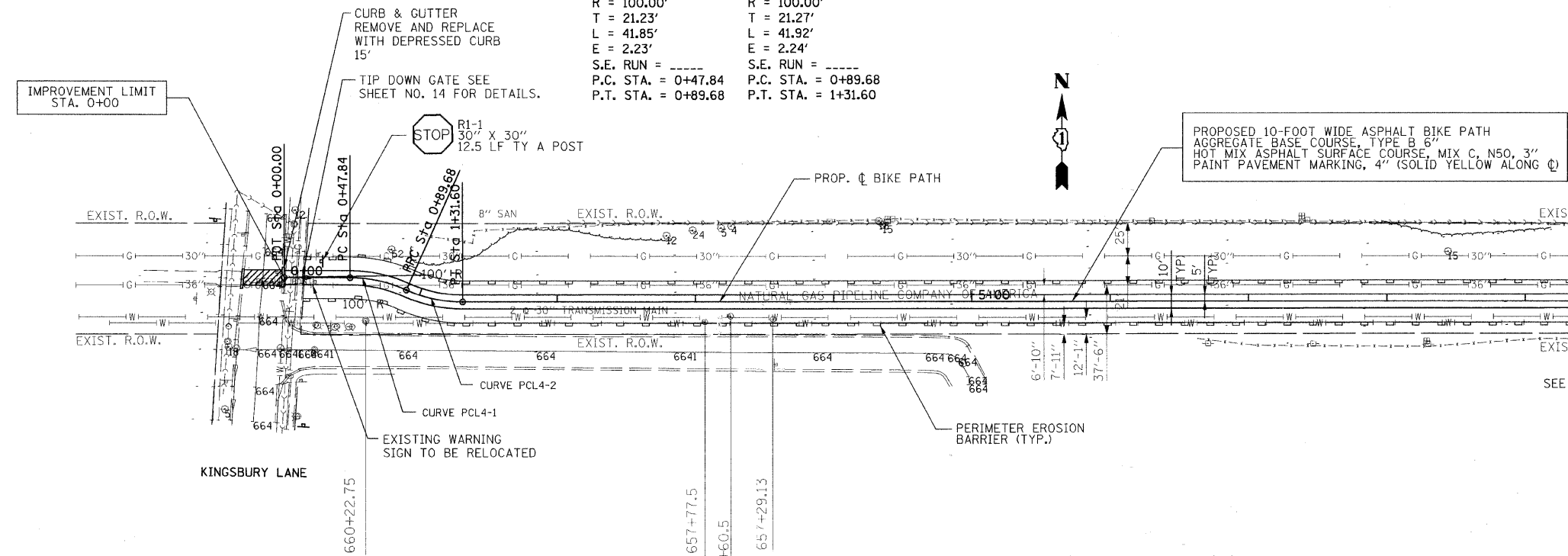
63211

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00054-00-BT		COOK	47	8

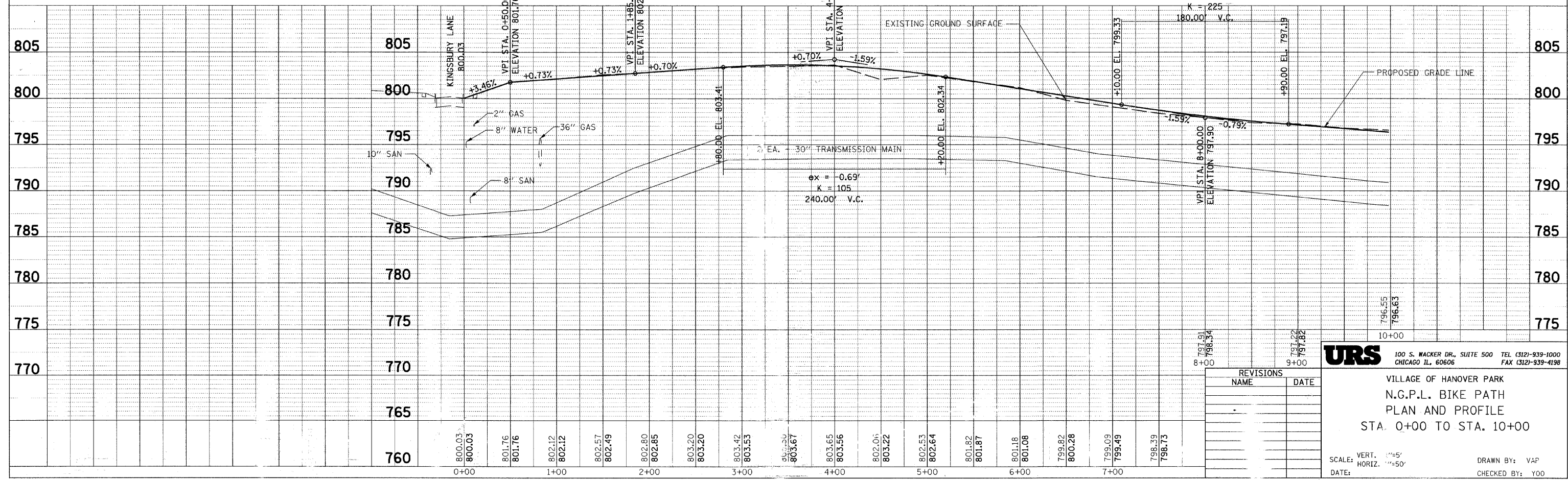
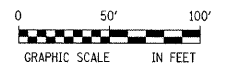
- LEGEND**
- EXISTING GAS LINE
  - EXISTING WATER MAIN
  - EXISTING FENCE
  - PROPOSED FENCE
  - EXISTING WATER VALVE
  - EXISTING MANHOLE
  - PERIMETER EROSION BARRIER
  - TREE REMOVAL

PROP. CURVE PCL4-1  
 PI STA. = 0+69.07  
 $\Delta = 23^\circ 58' 34''$  (RT)  
 D = 57° 17' 45"  
 R = 100.00'  
 T = 21.23'  
 L = 41.85'  
 E = 2.23'  
 S.E. RUN = -----  
 P.C. STA. = 0+47.84  
 P.T. STA. = 0+89.68

PROP. CURVE PCL4-2  
 PI STA. = 1+10.95  
 $\Delta = 24^\circ 01' 10''$  (LT)  
 D = 57° 17' 45"  
 R = 100.00'  
 T = 21.27'  
 L = 41.92'  
 E = 2.24'  
 S.E. RUN = -----  
 P.C. STA. = 0+89.68  
 P.T. STA. = 1+31.60



**NOTE 1**  
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REVISIONS	
NAME	DATE

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VILLAGE OF HANOVER PARK  
 N.G.P.L. BIKE PATH  
 PLAN AND PROFILE  
 STA. 0+00 TO STA. 10+00

SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: \_\_\_\_\_ DRAWN BY: VAP  
 CHECKED BY: YOO



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00054-00-BT		COOK	47	9

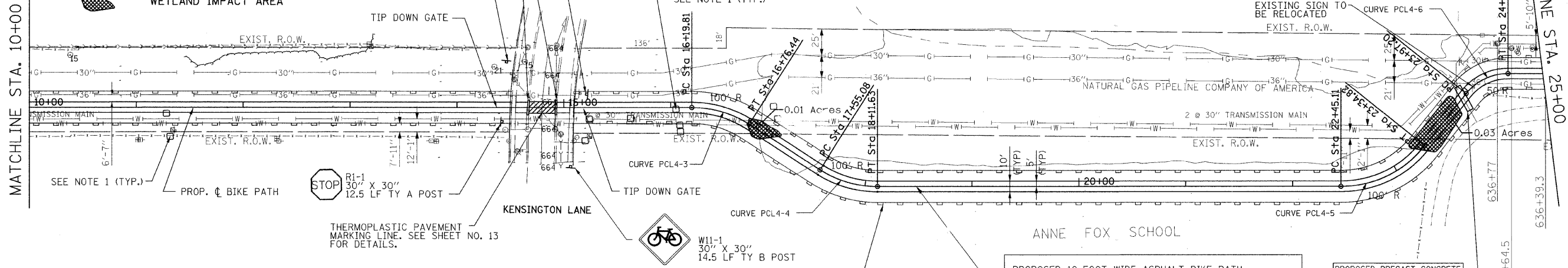
**LEGEND**

- EXISTING GAS LINE
- EXISTING WATER MAIN
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING WATER VALVE
- EXISTING MANHOLE
- PERIMETER EROSION BARRIER
- TREE REMOVAL
- WETLAND IMPACT AREA

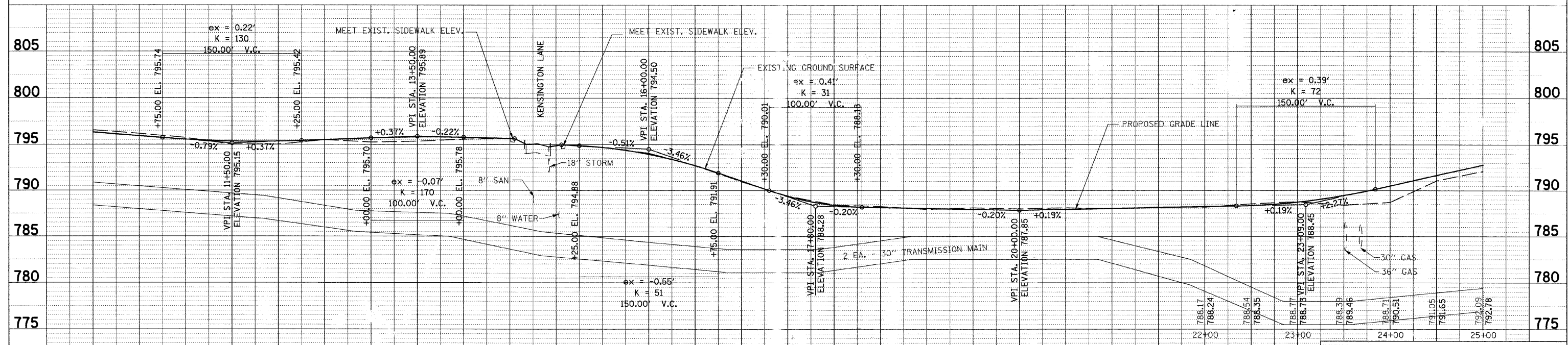
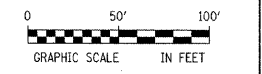
- |  |  |   |  |
|--|--|---|--|
| <p>PROP. CURVE PCL4-3<br/>         PI STA. = 16+48.91<br/> <math>\Delta = 32^\circ 26' 31''</math> (RT)<br/> <math>D = 57' 17' 45''</math><br/> <math>R = 100.00'</math><br/> <math>T = 29.09'</math><br/> <math>L = 56.62'</math><br/> <math>E = 4.15'</math><br/>         S.E. RUN = -----<br/>         P.C. STA. = 16+19.81<br/>         P.T. STA. = 16+76.44</p> | <p>PROP. CURVE PCL4-4<br/>         PI STA. = 17+84.13<br/> <math>\Delta = 32^\circ 23' 56''</math> (LT)<br/> <math>D = 57' 17' 45''</math><br/> <math>R = 100.00'</math><br/> <math>T = 29.05'</math><br/> <math>L = 56.55'</math><br/> <math>E = 4.13'</math><br/>         S.E. RUN = -----<br/>         P.C. STA. = 17+55.08<br/>         P.T. STA. = 18+11.63</p> | <p>PROP. CURVE PCL4-5<br/>         PI STA. = 22+93.24<br/> <math>\Delta = 51^\circ 24' 03''</math> (LT)<br/> <math>D = 57' 17' 45''</math><br/> <math>R = 100.00'</math><br/> <math>T = 48.13'</math><br/> <math>L = 89.71'</math><br/> <math>E = 10.98'</math><br/>         S.E. RUN = -----<br/>         P.C. STA. = 22+45.11<br/>         P.T. STA. = 23+34.82</p> | <p>PROP. CURVE PCL4-6<br/>         PI STA. = 24+21.27<br/> <math>\Delta = 51^\circ 24' 03''</math> (RT)<br/> <math>D = 114' 35' 30''</math><br/> <math>R = 50.00'</math><br/> <math>T = 24.06'</math><br/> <math>L = 44.86'</math><br/> <math>E = 5.49'</math><br/>         S.E. RUN = -----<br/>         P.C. STA. = 23+97.20<br/>         P.T. STA. = 24+42.06</p> |
|--|--|---|--|

MATCHLINE STA. 10+00

MATCHLINE STA. 25+00



**NOTE 1**  
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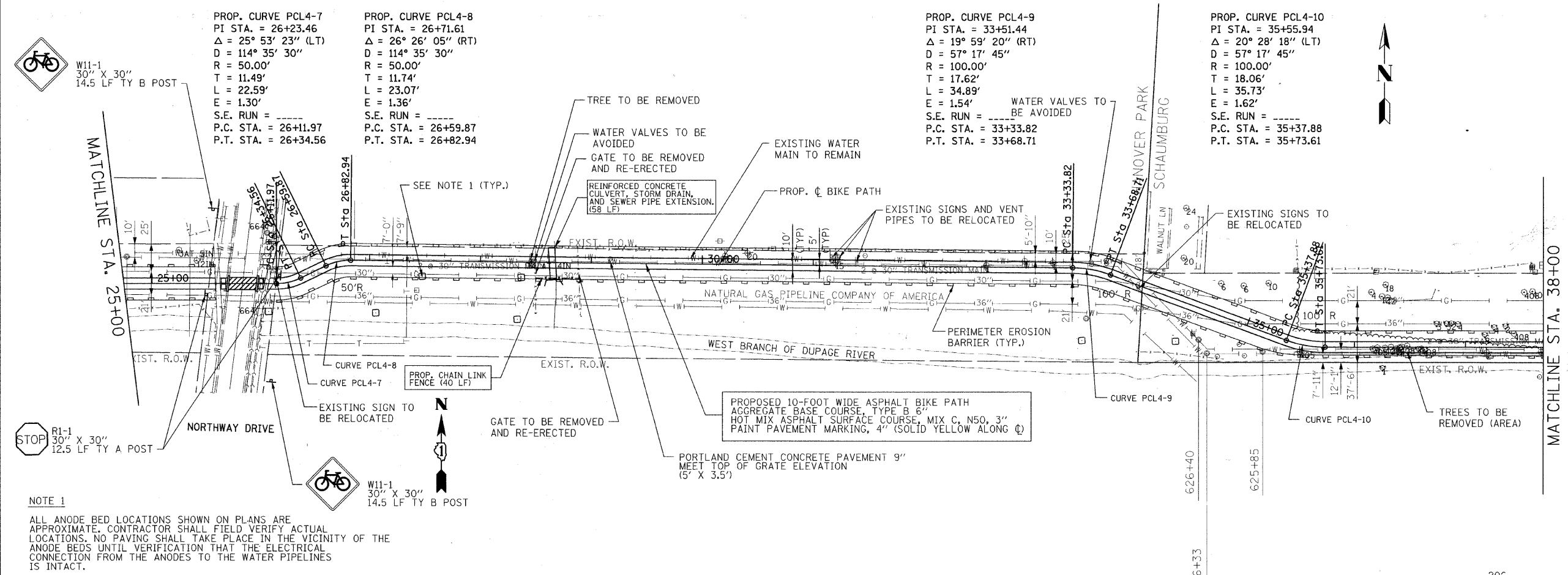
REVISIONS	
NAME	DATE

VILLAGE OF HANOVER PARK  
 N.G.P.L. BIKE PATH  
 PLAN AND PROFILE  
 STA. 10+00 TO STA. 25+00

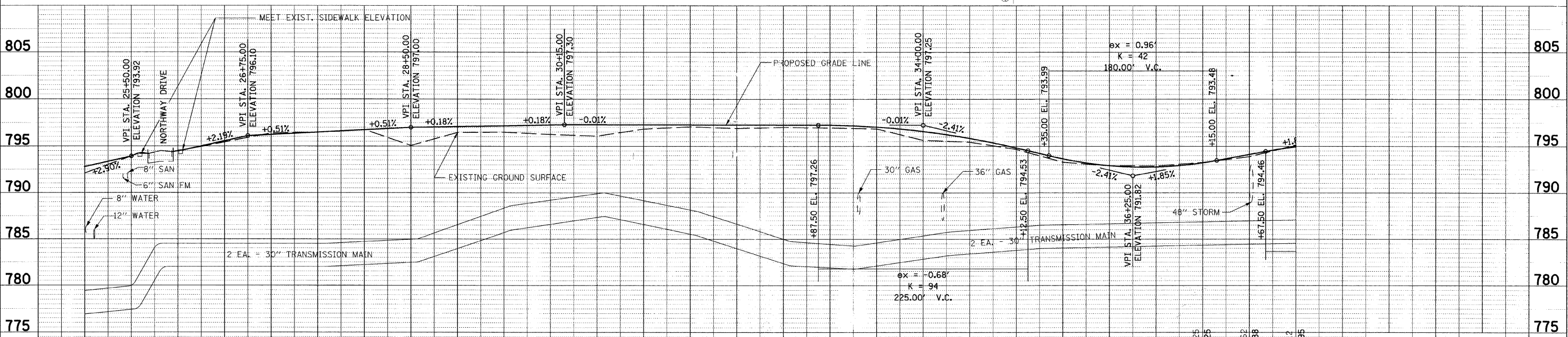
SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: \_\_\_\_\_ DRAWN BY: VAP  
 CHECKED BY: Y00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00054-00-BT	COOK	47	10

- LEGEND**
- EXISTING GAS LINE
  - EXISTING WATER MAIN
  - EXISTING FENCE
  - PROPOSED FENCE
  - EXISTING WATER VALVE
  - EXISTING MANHOLE
  - PERIMETER EROSION BARRIER
  - TREE REMOVAL



**NOTE 1**  
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REVISIONS	
NAME	DATE

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VILLAGE OF HANOVER PARK  
 N.G.P.L. BIKE PATH  
 PLAN AND PROFILE  
 STA. 25+00 TO STA. 38+00

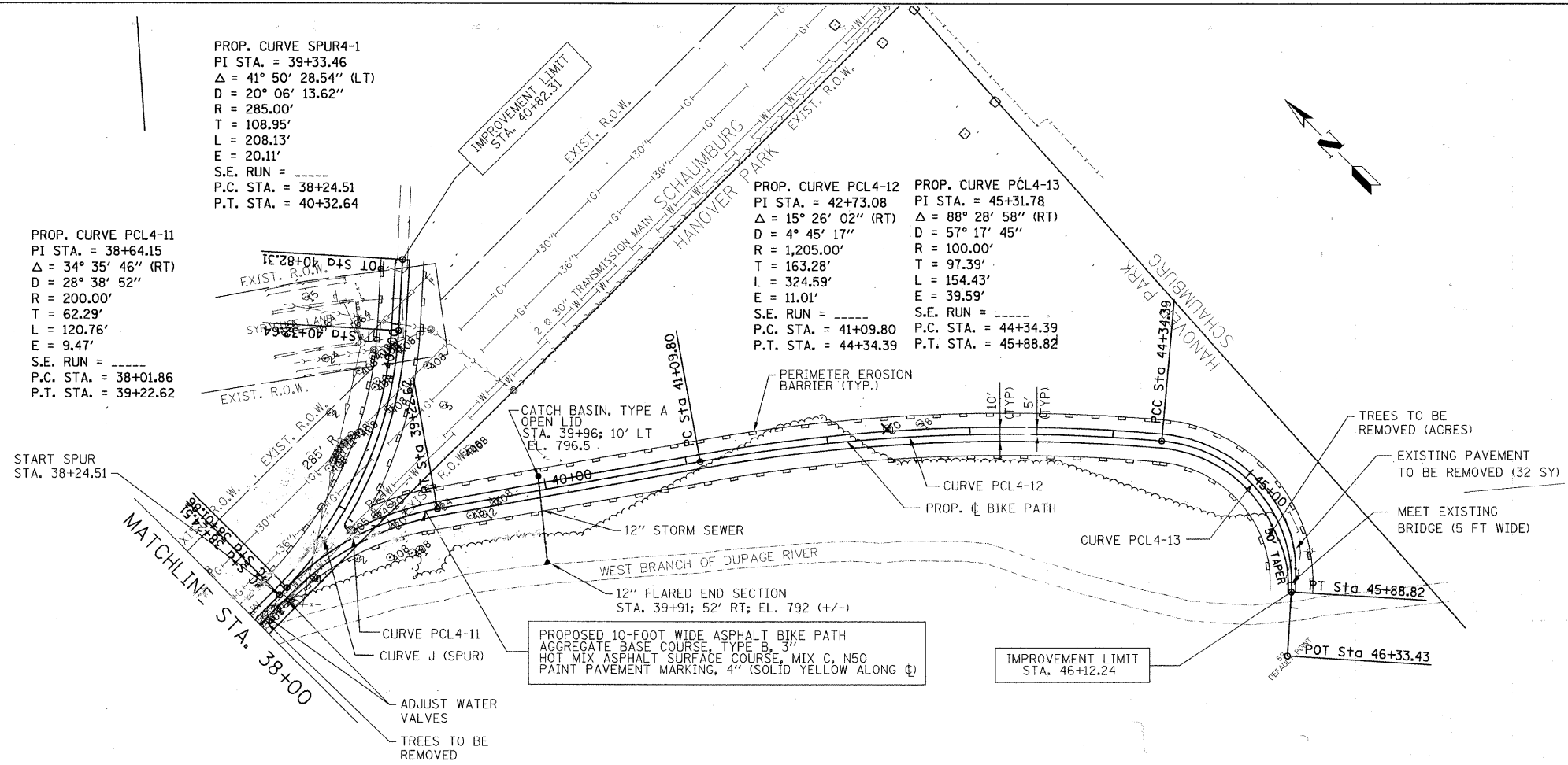
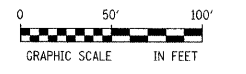
SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: \_\_\_\_\_ DRAWN BY: VAP  
 CHECKED BY: YOU

**TREE REMOVAL SCHEDULE**

STATION	LT	RT	6 TO 15 INCH UNITS	OVER 15 INCH UNITS
30+20.41	7.23			24
30+40.00	6.74			20
31+20.06	2.88		15	
38+89.07		2.54		20
39+23.36	2.27			24
42+42.09	6.87			20

**LEGEND**

- EXISTING GAS LINE
- EXISTING WATER MAIN
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING WATER VALVE
- EXISTING MANHOLE
- PERIMETER EROSION BARRIER
- TREE REMOVAL

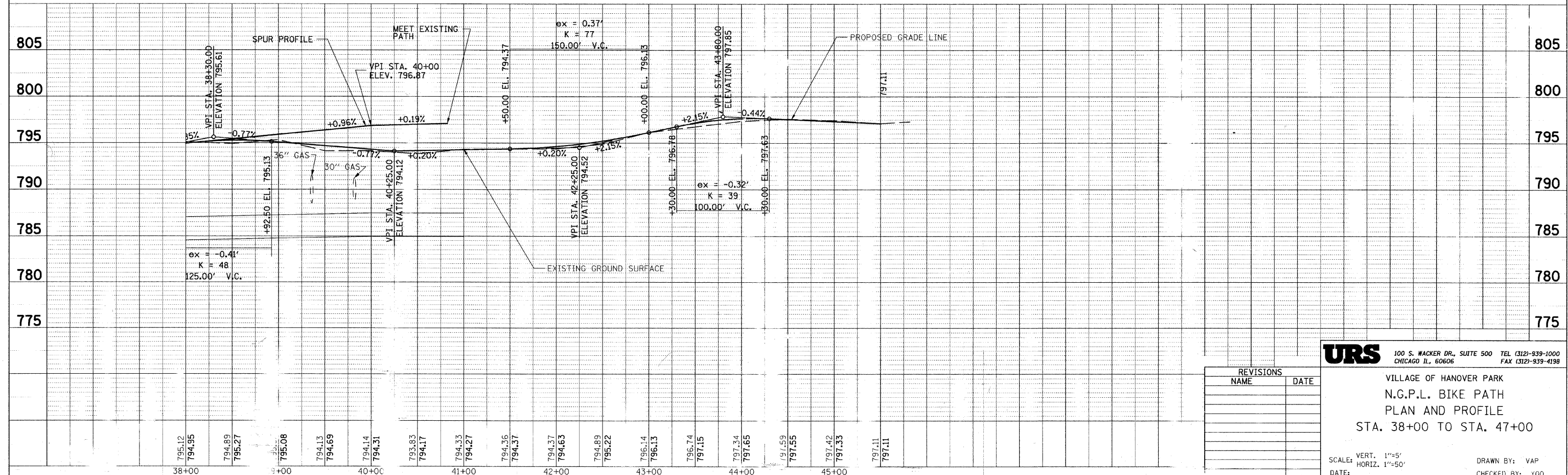


PROP. CURVE SPUR4-1  
 PI STA. = 39+33.46  
 $\Delta = 41^\circ 50' 28.54''$  (LT)  
 $D = 20^\circ 06' 13.62''$   
 $R = 285.00'$   
 $T = 108.95'$   
 $L = 208.13'$   
 $E = 20.11'$   
 S.E. RUN = -----  
 P.C. STA. = 38+24.51  
 P.T. STA. = 40+32.64

PROP. CURVE PCL4-11  
 PI STA. = 38+64.15  
 $\Delta = 34^\circ 35' 46''$  (RT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 62.29'$   
 $L = 120.76'$   
 $E = 9.47'$   
 S.E. RUN = -----  
 P.C. STA. = 38+01.86  
 P.T. STA. = 39+22.62

PROP. CURVE PCL4-12  
 PI STA. = 42+73.08  
 $\Delta = 15^\circ 26' 02''$  (RT)  
 $D = 4^\circ 45' 17''$   
 $R = 1,205.00'$   
 $T = 163.28'$   
 $L = 324.59'$   
 $E = 11.01'$   
 S.E. RUN = -----  
 P.C. STA. = 41+09.80  
 P.T. STA. = 44+34.39

PROP. CURVE PCL4-13  
 PI STA. = 45+31.78  
 $\Delta = 88^\circ 28' 58''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 97.39'$   
 $L = 154.43'$   
 $E = 39.59'$   
 S.E. RUN = -----  
 P.C. STA. = 44+34.39  
 P.T. STA. = 45+88.82



REVISIONS	
NAME	DATE

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VILLAGE OF HANOVER PARK  
 N.G.P.L. BIKE PATH  
 PLAN AND PROFILE  
 STA. 38+00 TO STA. 47+00

SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'

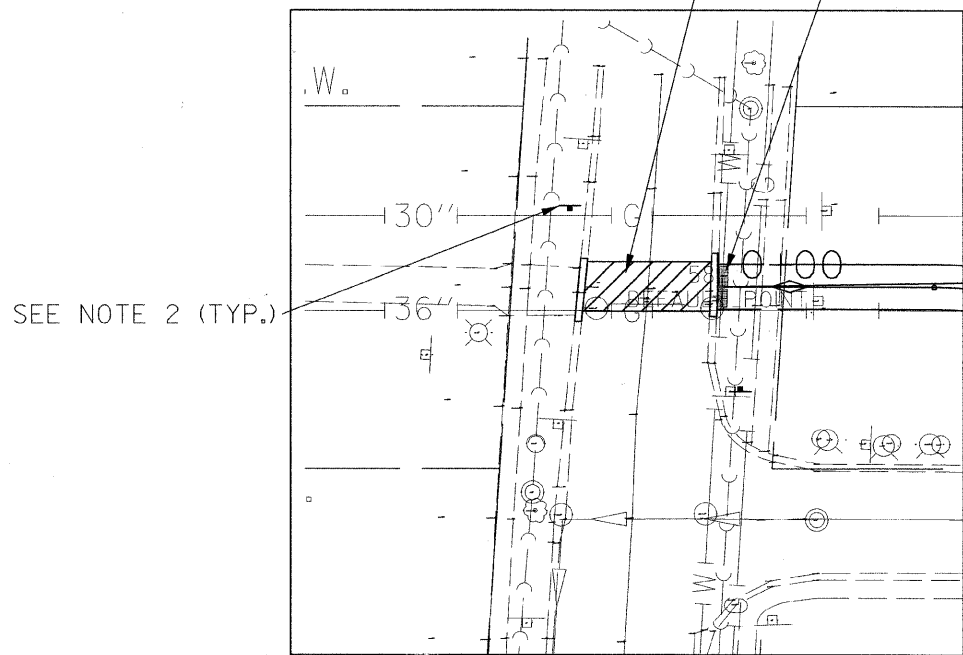
DATE: \_\_\_\_\_ DRAWN BY: VAP  
 CHECKED BY: YOO

11' WIDE, 6" WHITE THERMOPLASTIC PAVEMENT MARKING WITH 12", 45° DIAGONALS @ 3' O/C (TYP.)

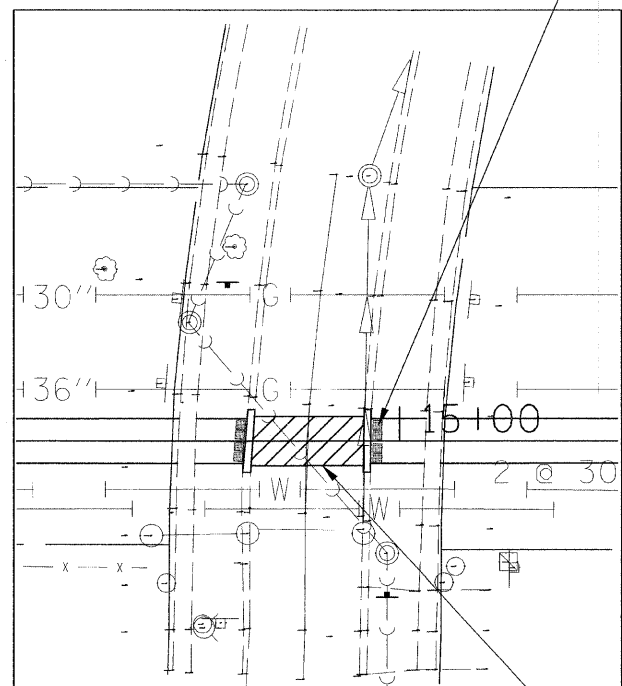
PROP. DETECTABLE WARNINGS (16 SF)

PROP. DETECTABLE WARNINGS (32 SF)

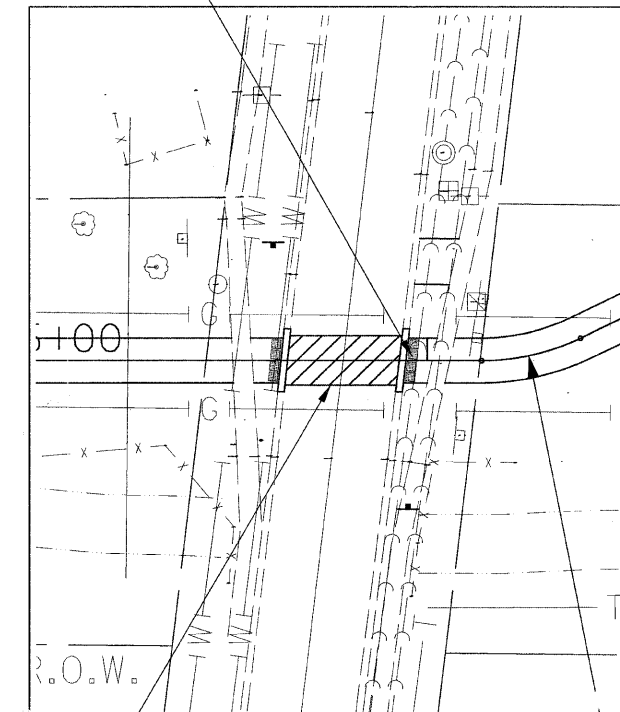
PROP. DETECTABLE WARNINGS (32 SF)



KINGSBURY LANE INTERSECTION



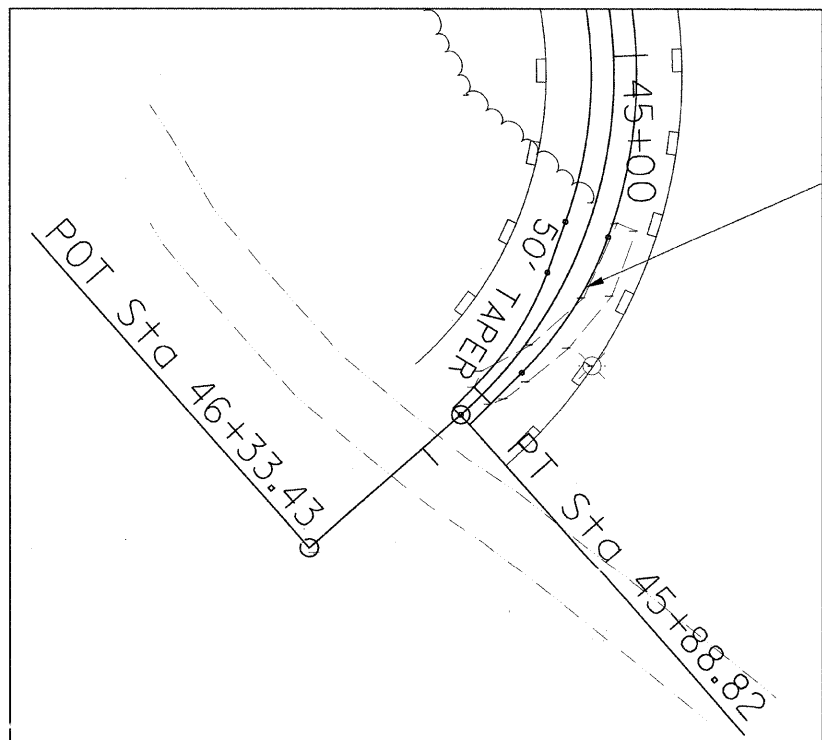
KENSINGTON LANE INTERSECTION



NORTHWAY DRIVE INTERSECTION

SEE NOTE 2 (TYP.)

SEE TYPICAL INTERSECTION DETAIL ON SHEET 13



TRANSITION AT BRIDGE

50-FT TRANSITION

**NOTE 1:**

WHEN PROPOSED BIKE PATH CROSSING IS AN EXISTING SIDE ROAD/DRIVEWAY WITH CURB OR CURB AND GUTTER, SAW CUT APPROX. 15 FT. OF EXISTING CURB AND GUTTER.

MATCH EXISTING SURFACE ELEVATION AT ALL SIDE ROADS.

**NOTE 2:**

PROP. BICYCLE SIGN W11-1, 30" X 30" 13.5 TYPE B POST

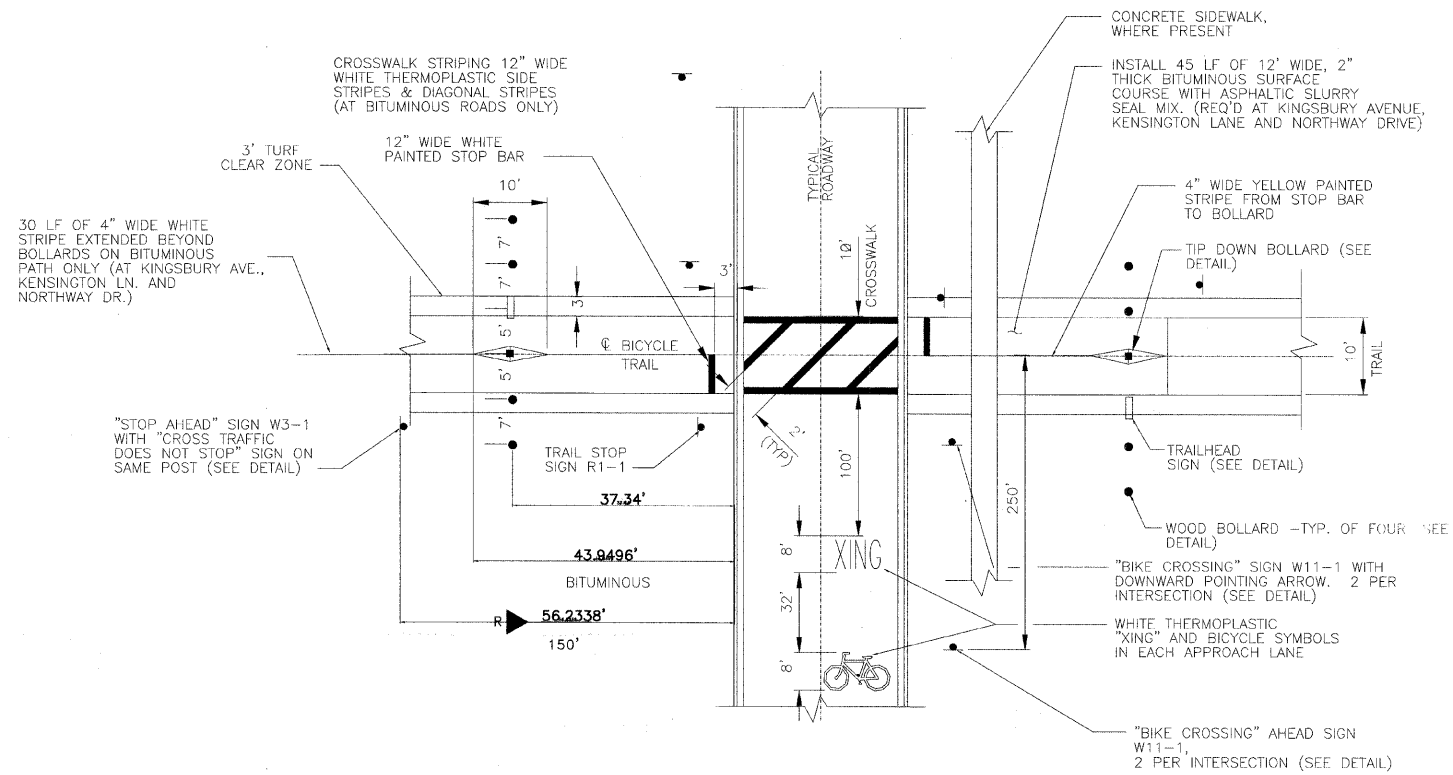


REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000 CHICAGO IL, 60606 FAX (312)-939-4198

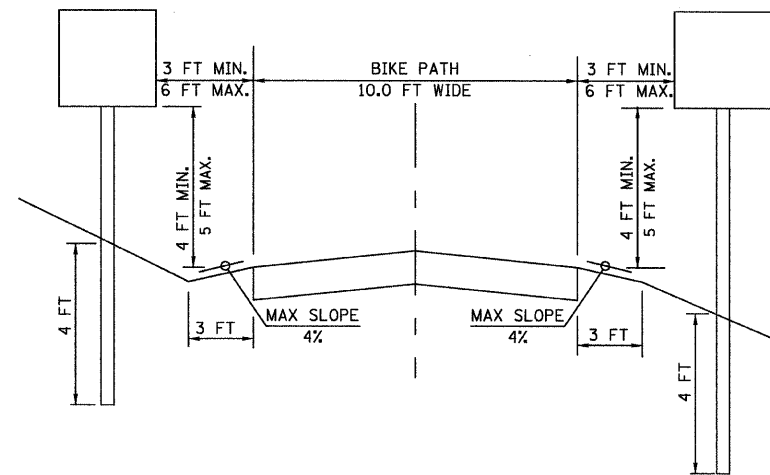
VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
INTERSECTION DETAILS

SCALE: DRAWN BY: VAP  
DATE: CHECKED BY: YOO



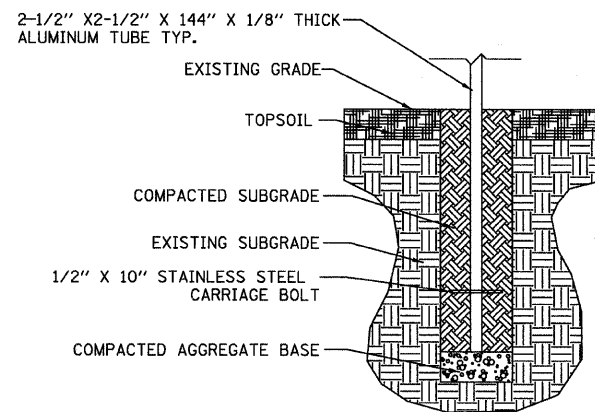
**TYPICAL INTERSECTION DETAIL**

NOT TO SCALE



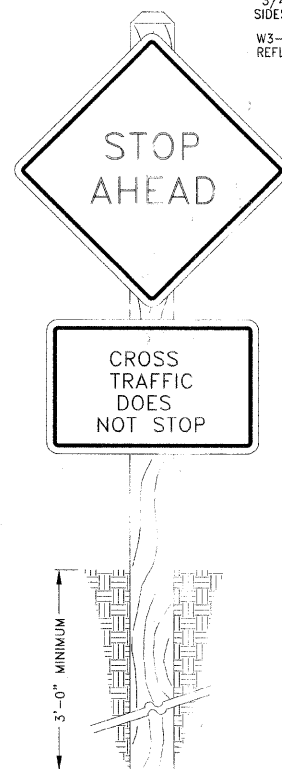
**SIGN PLACEMENT DETAIL**

NOT TO SCALE



**SIGN BASE DETAIL**

NOT TO SCALE



**STOP AHEAD BIKE PATH SIGN**

NOT TO SCALE

3/4" @ 45° CHAMFER, ALL 4 SIDES  
W3-1 SIGN, 18"x18", REFLECTORIZED

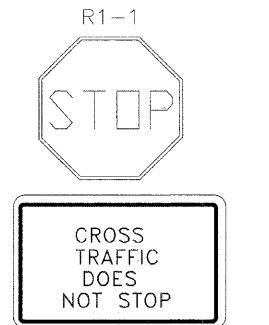
INSTALL CROSS TRAFFIC SIGN (18"x12") BELOW R1-1 SIGN ON THE SAME POST.

INSTALL CROSS TRAFFIC SIGN (18"x12") BELOW W3-1 SIGN ON THE SAME POST.

4x6 TREATED PINE POST, LAG BOLT SIGN TO NARROW SIDE OF POST.

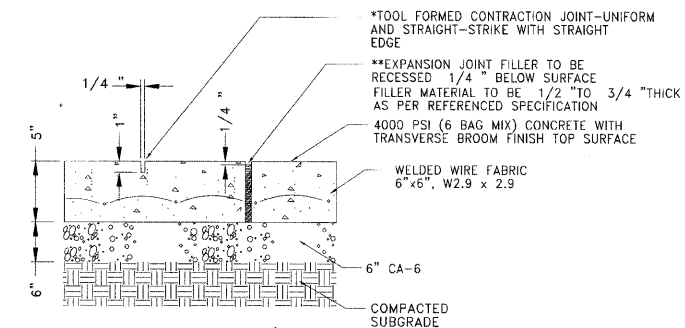
INSTALL TWO PER STREET CROSSING. MOUNT ON 4x6 WOOD POST, POST TO BE 50 FEET BEFORE TRAIL STOP SIGN OR AS PER PLAN. HEIGHT CLEARANCE TO BE 5' BETWEEN SIGN FACE AND GROUND, LATERAL DISTANCE TO BE A MINIMUM OF 3' FROM EDGE OF TRAIL SHOULDER TO EDGE OF SIGN.

COMPACTED GRANULAR BACK FILL MATERIAL TO BE TAMPED IN SHALLOW LIFTS.



**TRAIL SIGNS**

NOT TO SCALE



**5" PCC SIDEWALK DETAIL**

NOT TO SCALE

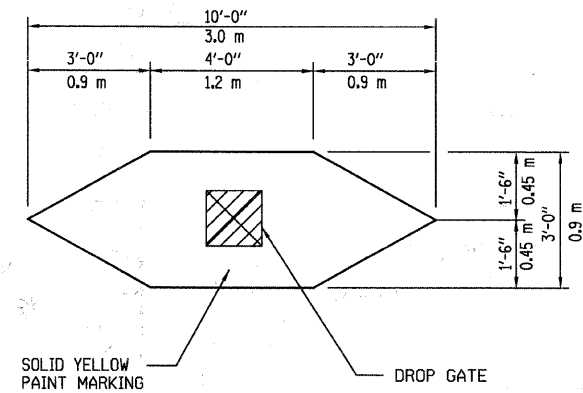
REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000 CHICAGO IL, 60606 FAX (312)-939-4198

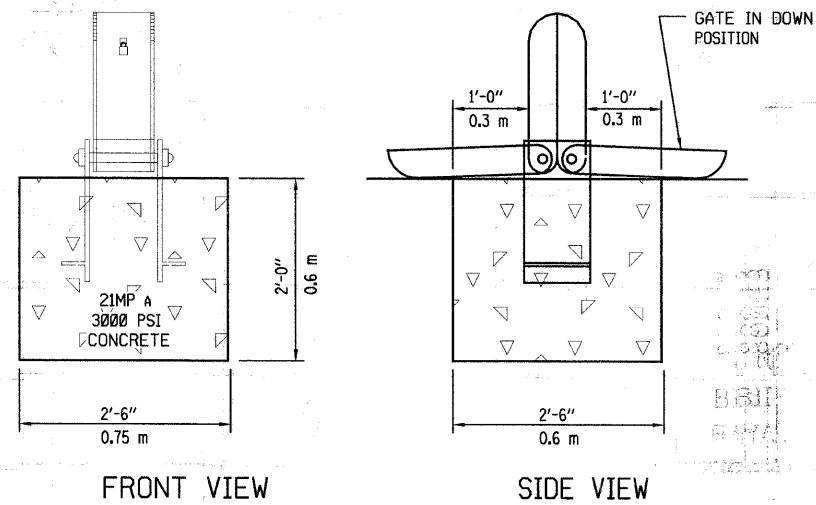
VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
MISCELLANEOUS  
DETAILS

SCALE: DATE: DRAWN BY: VAP CHECKED BY: YOO

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00054-00-BT	COOK	47	14



**TIP DOWN GATE MARKING DETAIL**  
N.T.S.



**TIP DOWN GATE INSTALLATION DETAIL**  
N.T.S.

REVISIONS	
NAME	DATE

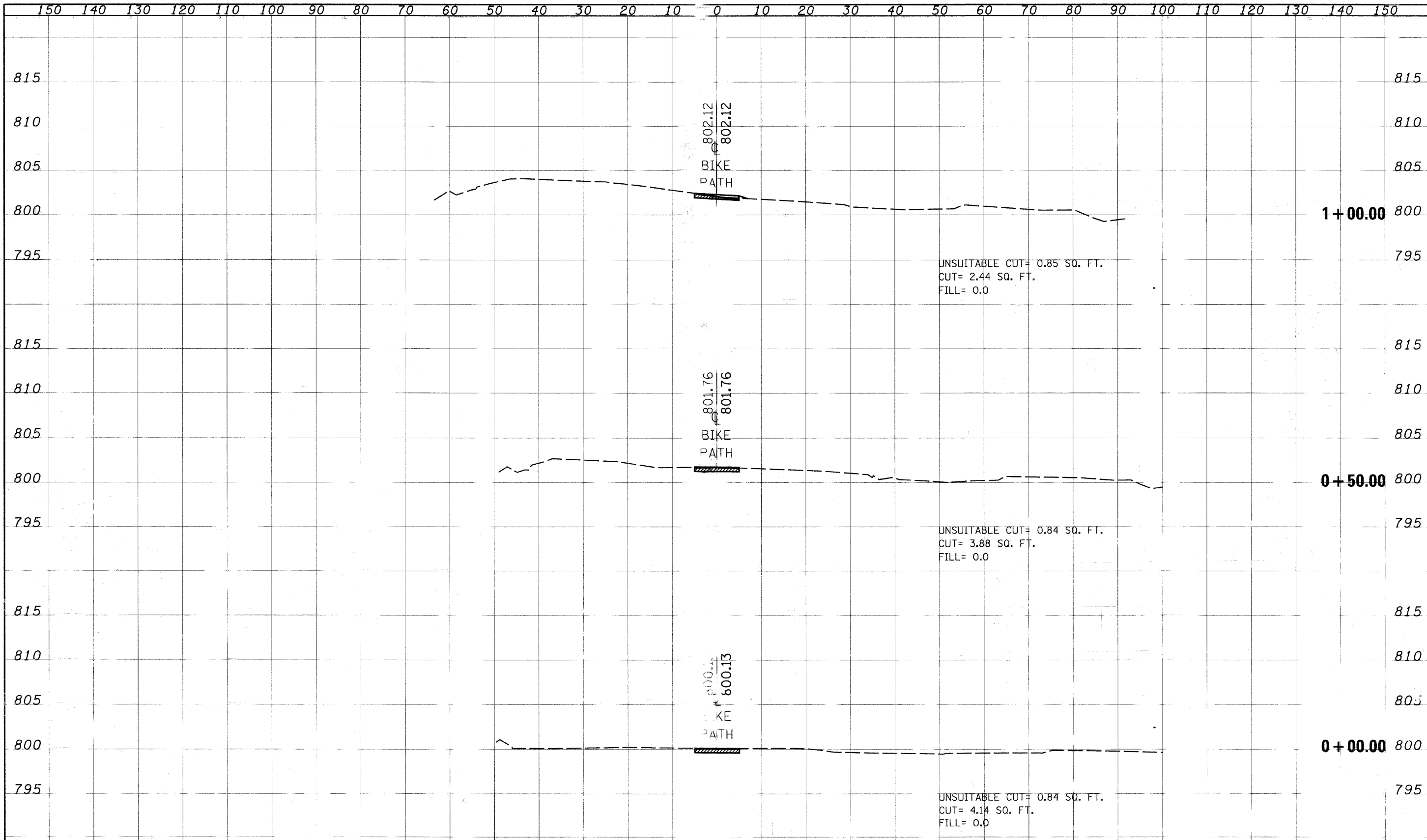
**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF HANOVER PARK  
N.G.P.L. BIKE PATH  
**MISCELLANEOUS DETAILS**

SCALE: 1"=20'  
DATE: DRAWN BY: VAP  
CHECKED BY: YOO

DATE	
BY	
FINAL SURVEY/	
NOTE BOOK	
NO. AREAS CHECKED	

DATE	
BY	
FINAL SURVEY/	
NOTE BOOK	
NO. AREAS CHECKED	



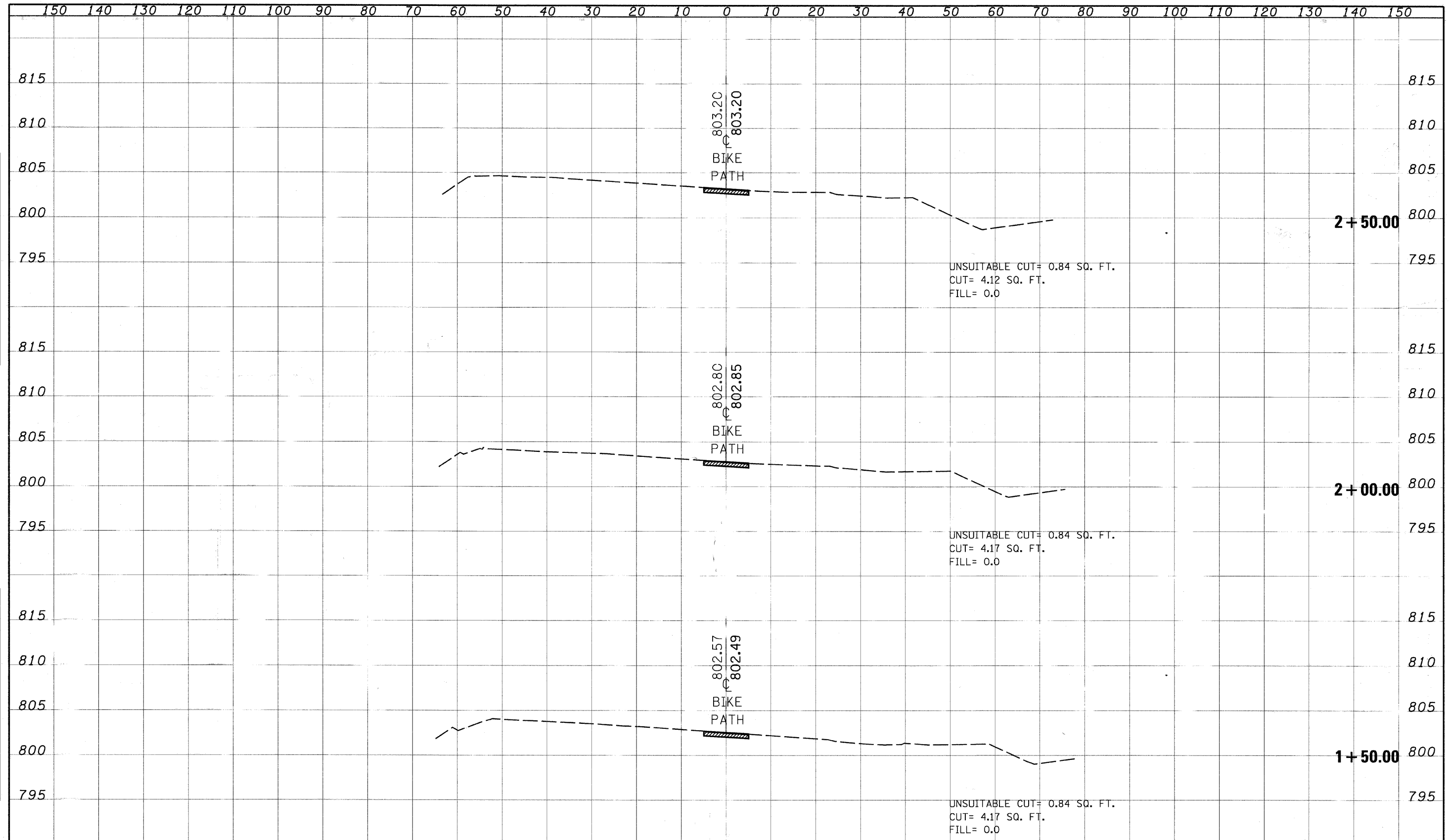
CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILE\$		DRAWN	REVISED								47	15
	PLD	CHECKED	REVISED					SCALE	SHEET NO.	OF SHEETS	STA. +00.00	TO STA. 1+00.00
	PLD	DATE	REVISED								FED. ROAD DIS.	NO. IL HOIS FED.

CONTRACT NO. 63211

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

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



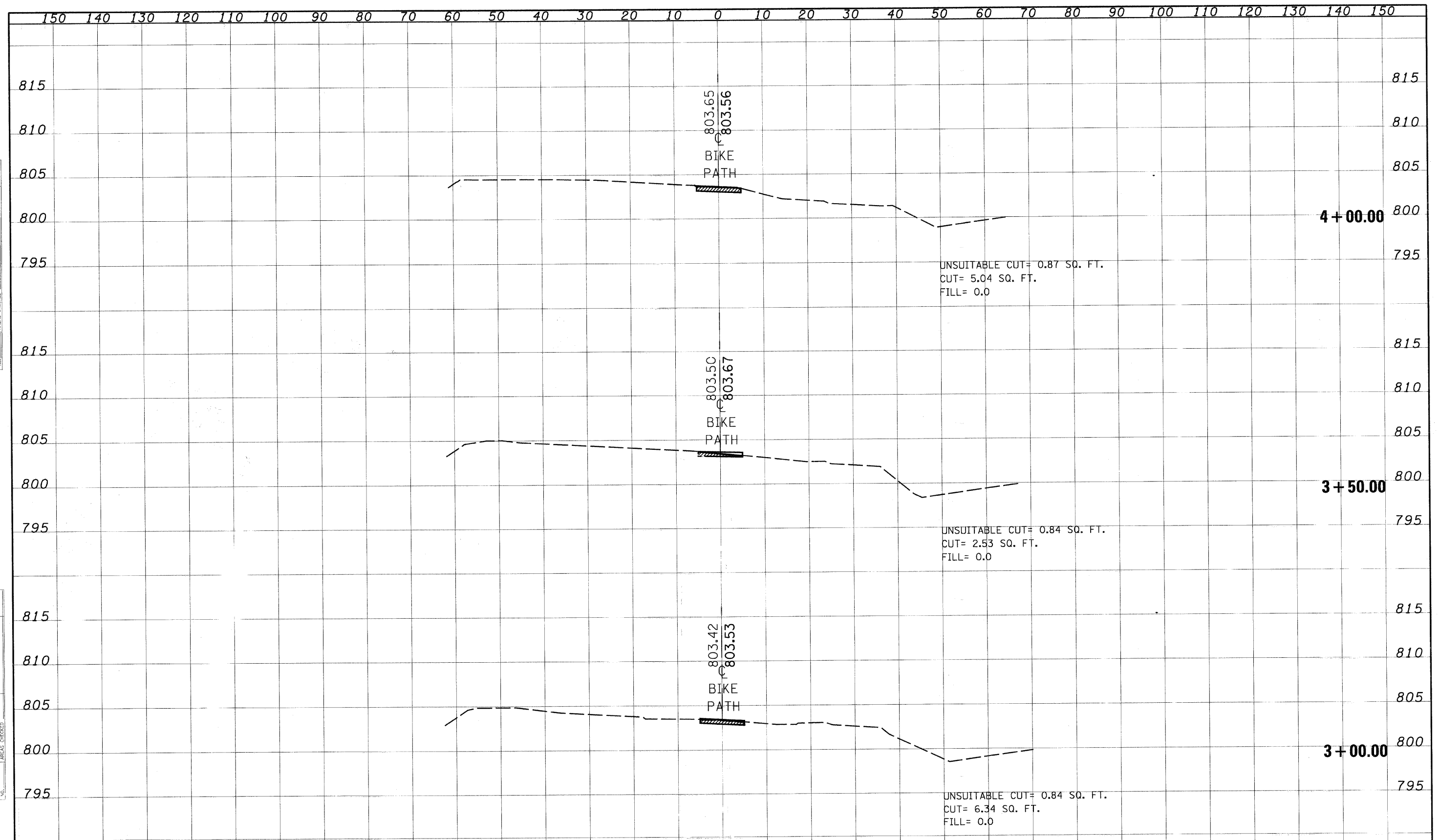
CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. OF SHEETS	STA. 1+50.00 TO STA. 2+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
#FILE#		DRAWN -	REVISED -								47
		CHECKED -	REVISED -								16
		DATE	REVISED -								CONTRACT NO. 63211
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



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

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

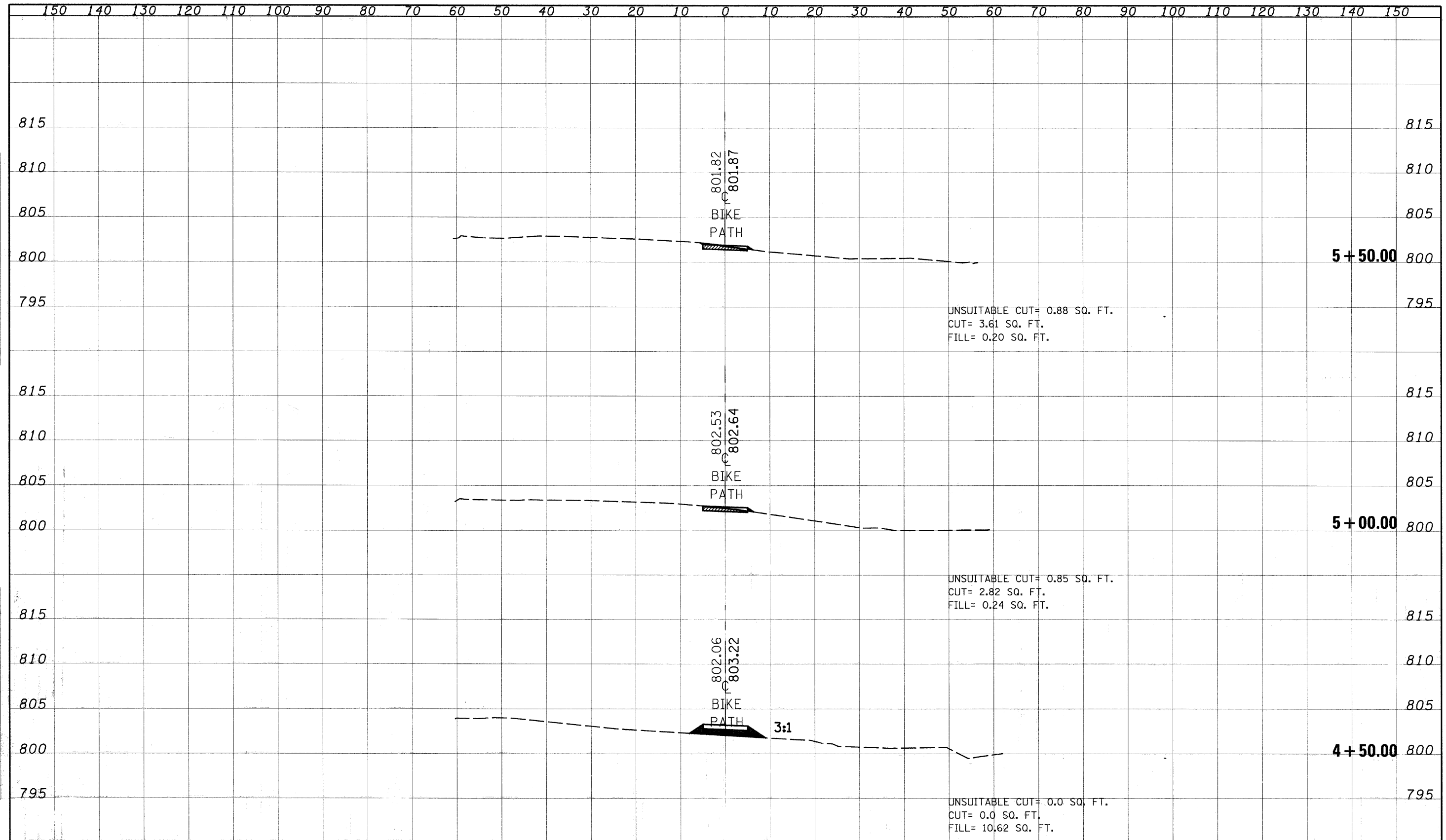


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO.	OF	SHEETS	STA. 3+00.00	TO STA. 4+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -												47	17
		CHECKED -	REVISED -												CONTRACT NO. 6311	
		DATE	REVISED -												FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

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

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

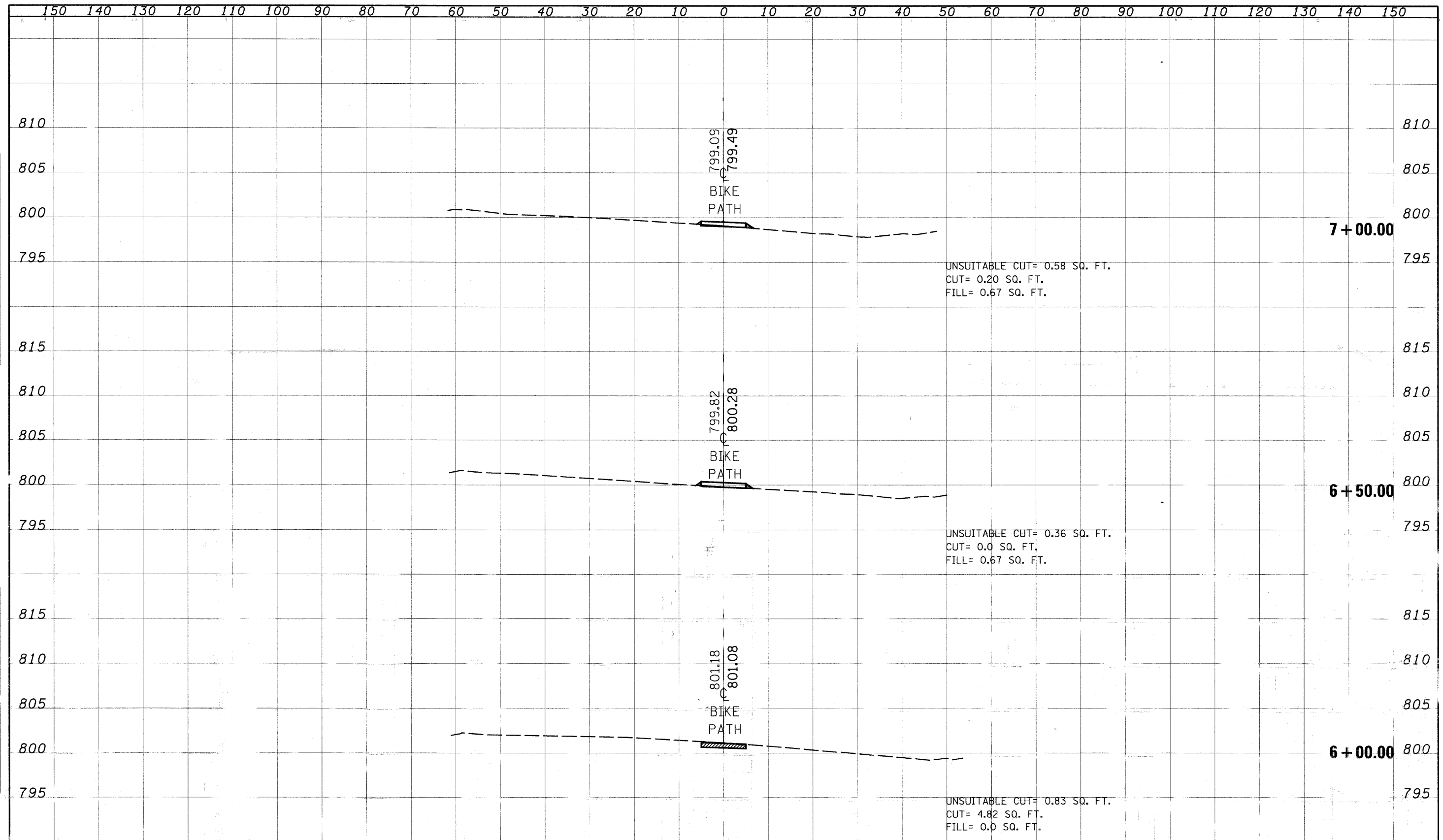


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NO.	USER NAME: BUSERS	DESIGNED	REVISD	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. OF SHEETS	STA. 4+50.00 TO STA. 5+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	
	PLOT SCALE: 10.0000	DRAWN	REVISD								47	18
	PLOT DATE: 2/24/2007	CHECKED	REVISD								CONTRACT NO. 632 II	
		DATE	REVISD						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

FINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.		

DESIGNED	BY	DATE
CHECKED		
DATE		

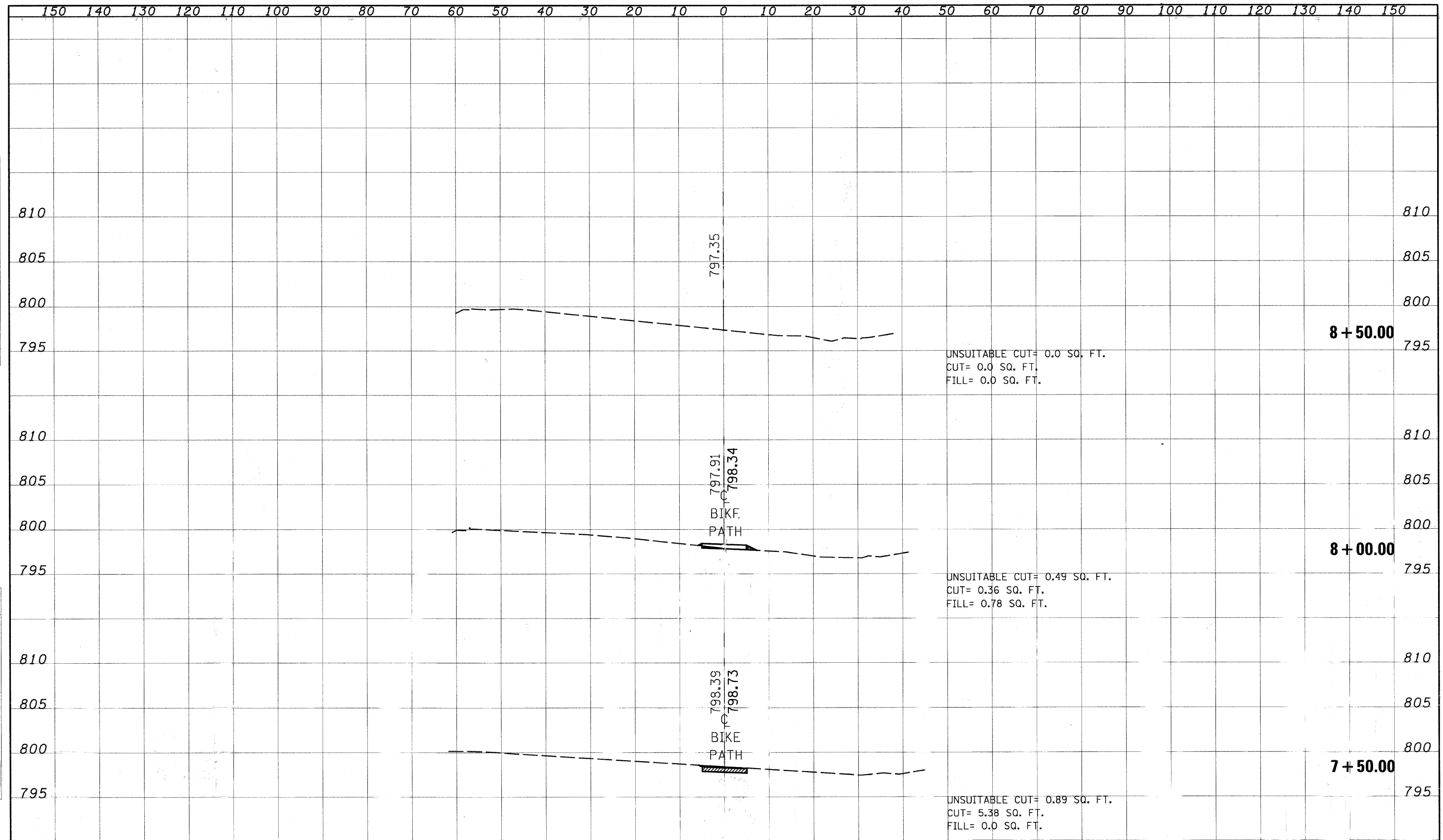


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	DESIGNED	REVIS	STATE OF ILLINOIS	SCALE	SHEET NO.	OF	SHEETS	STA. 6+00.00	TO STA.	00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
671118			DEPARTMENT OF TRANSPORTATION											47	49
PL. DATE 11/19/09	CHECKED	REVIS									FED. ROAD DIST. NO.	ILLINOIS FED.	SUBJECT	CONTRACT NO. 63211	

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

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

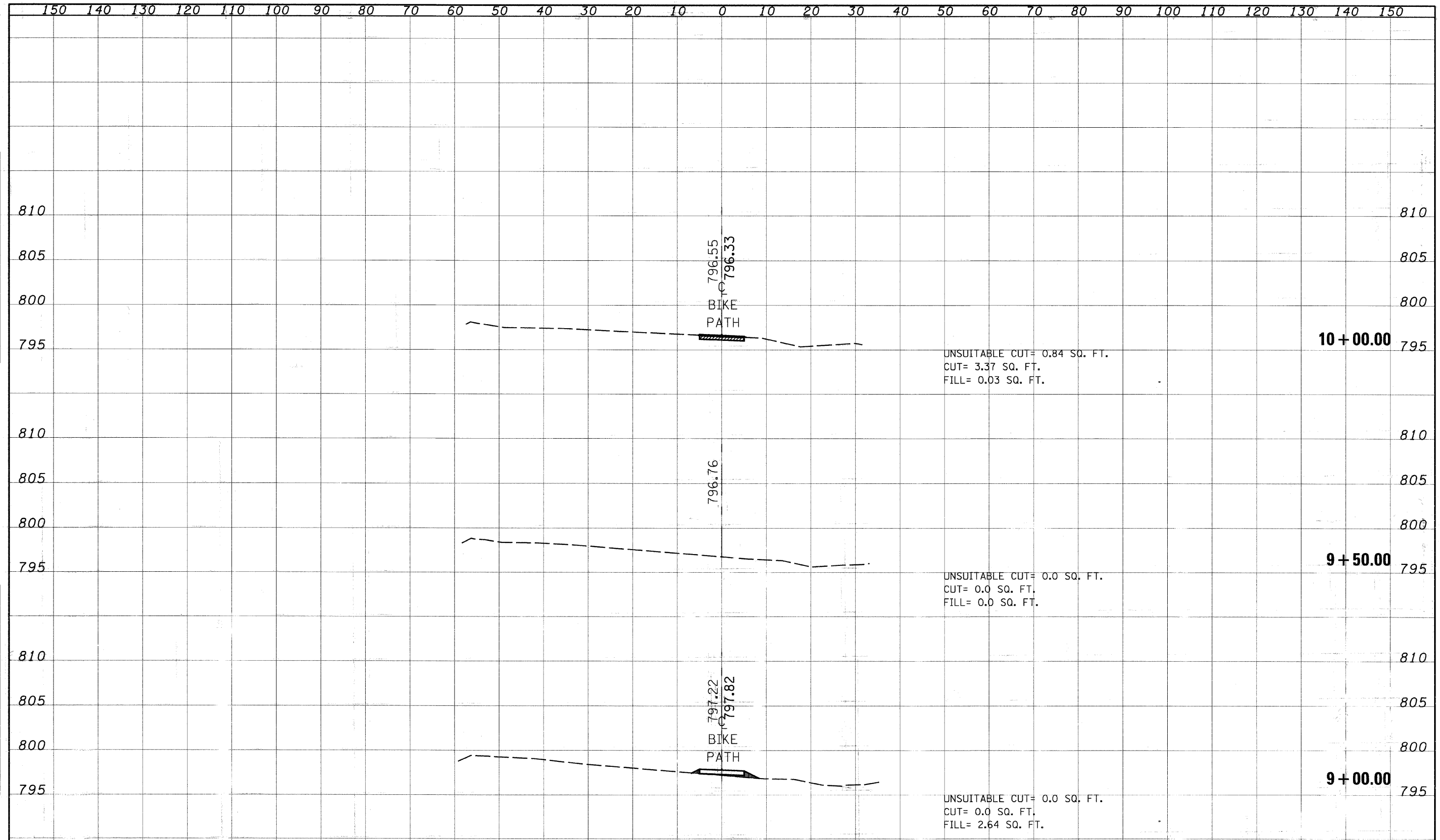


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN	REVISED						47	20
	PLOT SCALE = 1/8" = 1' IN.	CHECKED	REVISED			SCALE:	SHEET NO.	OF SHEETS	STA. 7+50.00	TO STA. 7+90.00
	PLOT DATE = 6/2/2009	DATE	REVISED			FED. ROAD DIST. NO.	ILLINOIS	PROJECT	CONTRACT NO. 63211	

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

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

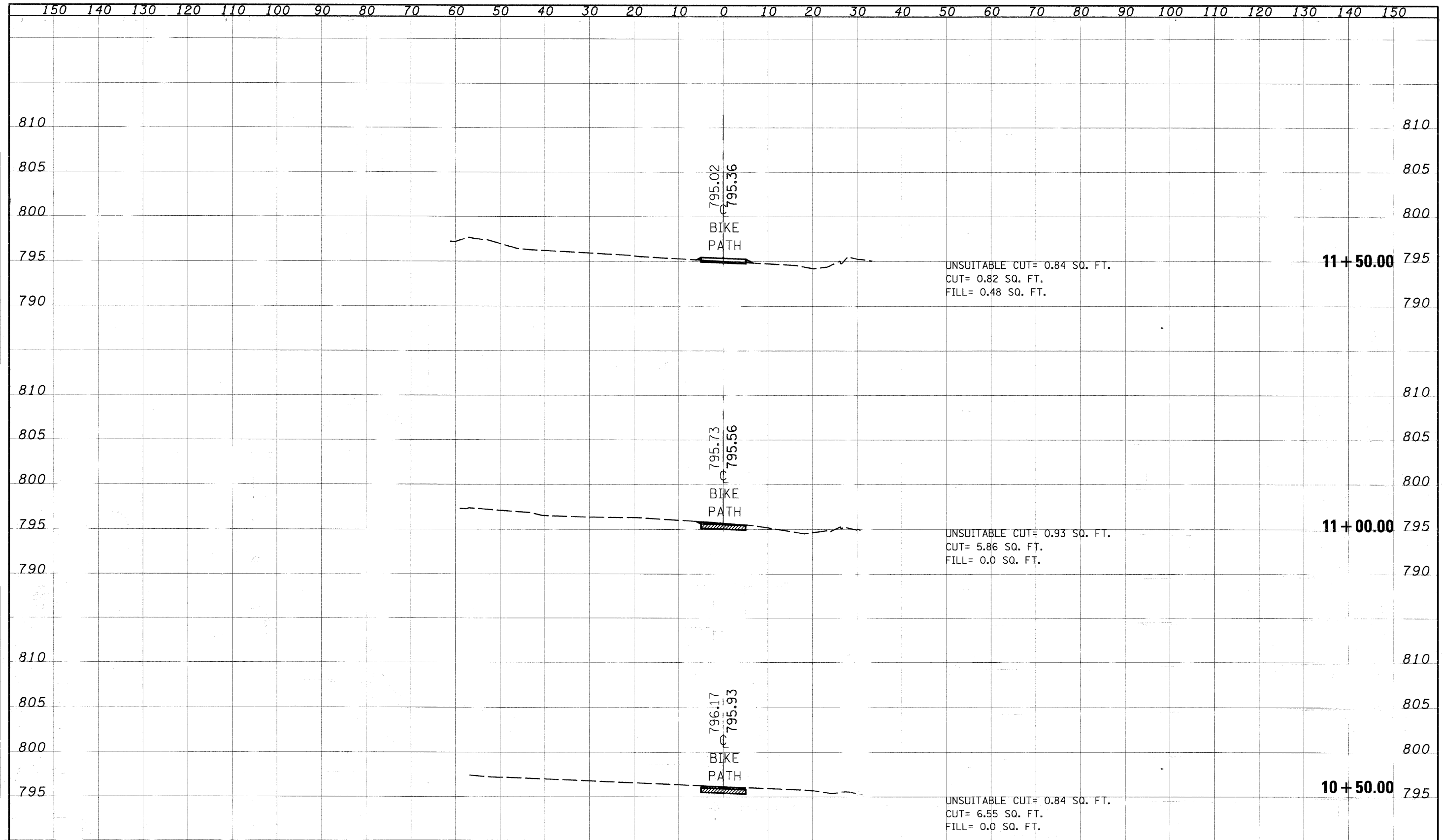


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN	REVISED						47	21
	PLLOT SCALE 1/8"=100'	CHECKED	REVISED						CONTRACT NO. 63211	
	PLLOT DATE 11/24/2009	DATE	REVISED			SCALE:	SHEET NO. OF SHEETS	STA. 9+00.00 TO STA. 10+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

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

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

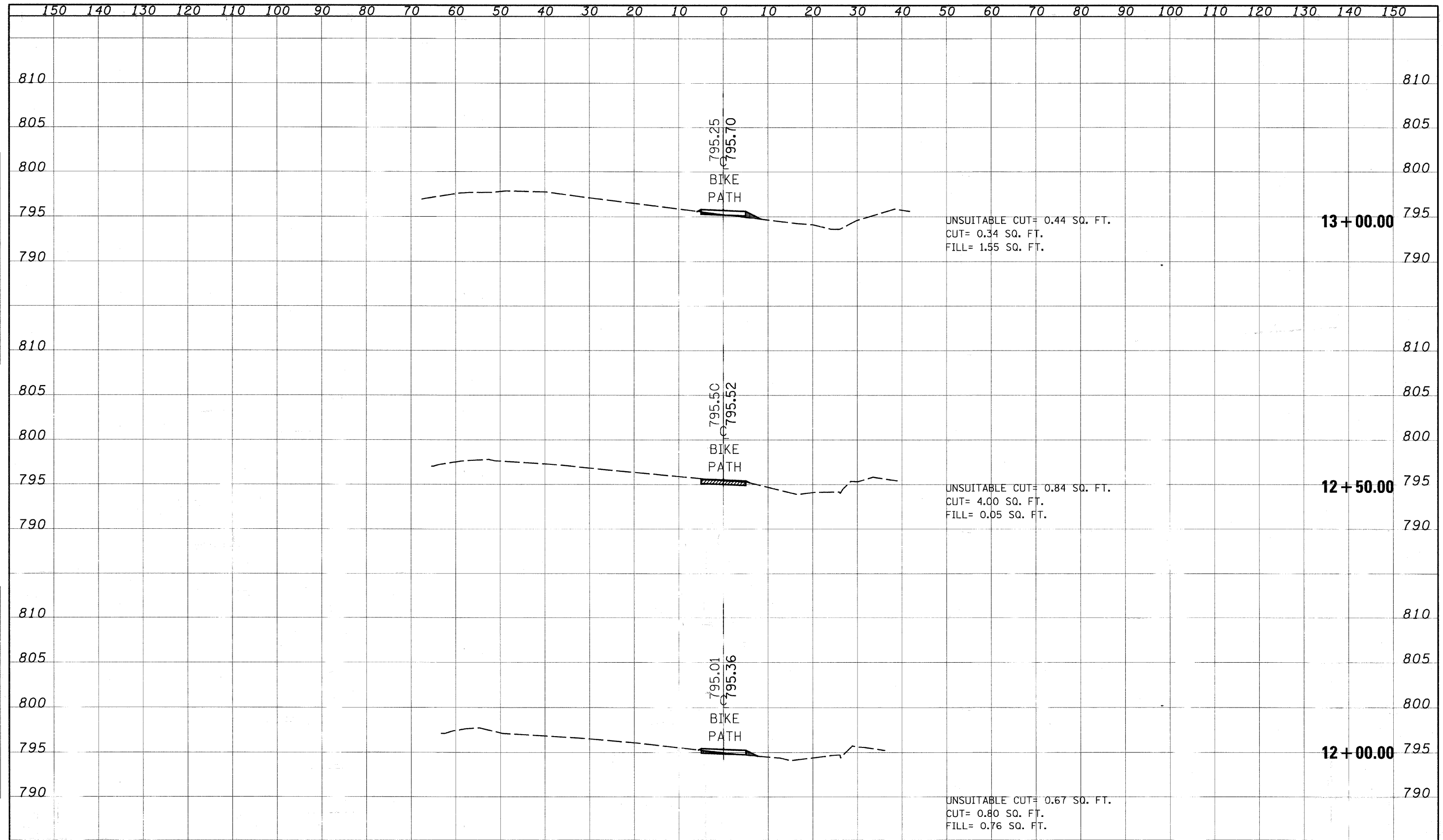


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNER	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE	SHEET NO.	OF SHEETS	STA. 10+50.00 TO STA. 11+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1 2 3									47	22
												CONTRACT NO. 63211	
												ILLINOIS FED. AID PROJECT	

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

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



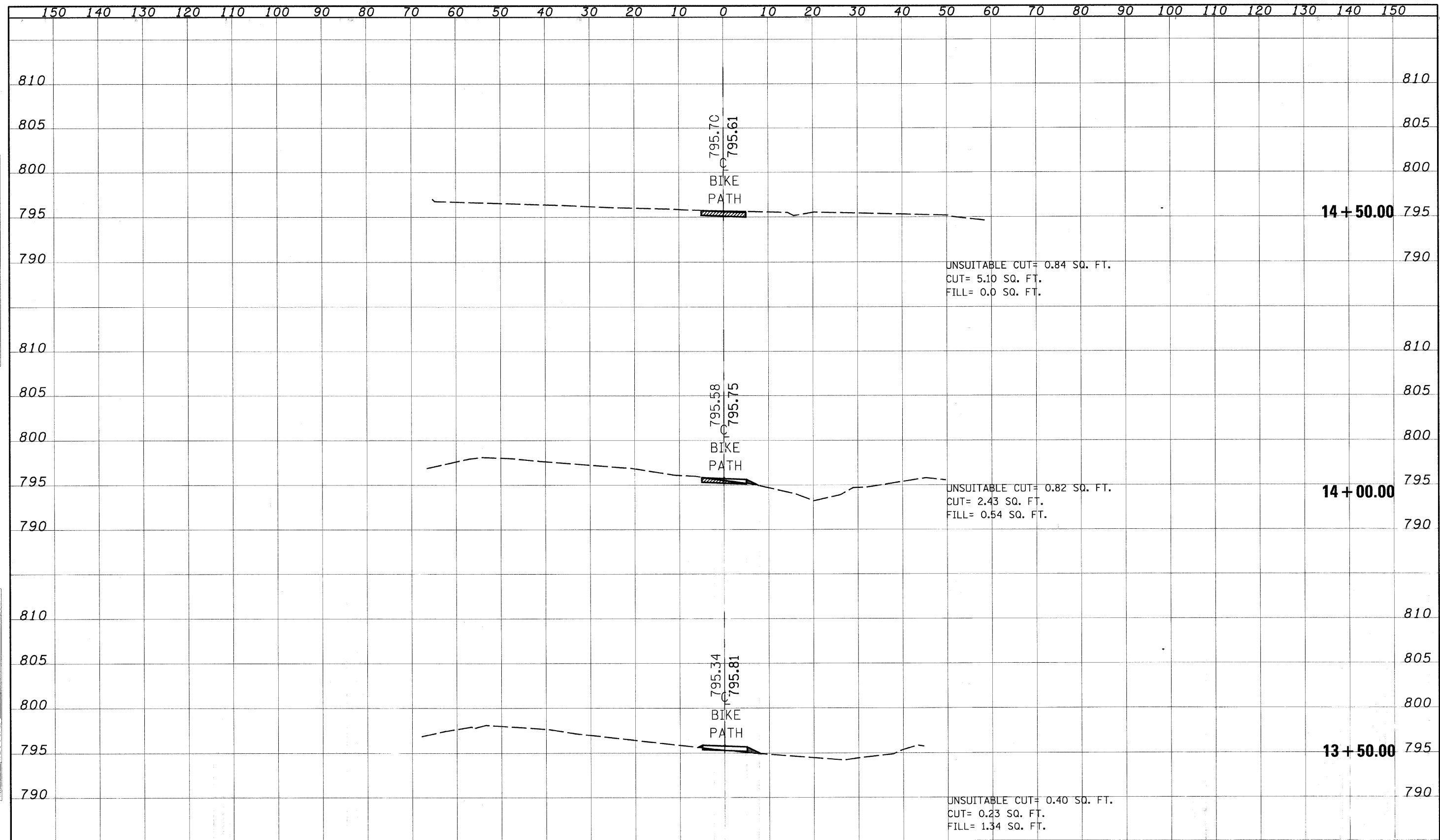
CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME = USER	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SCALE	SHEET NO. OF SHEETS	STA. 12+00.00 TO STA. 13+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
STYLE	PLT SCALE = 1/4" = 10.0000' / 1"	DRAWN -	REVISED -								
	PLT DATE = 6/24/2009	CHECKED -	REVISED -								
		DATE -	REVISED -								

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
			47 23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT
			CONTRACT NO. 63211

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

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



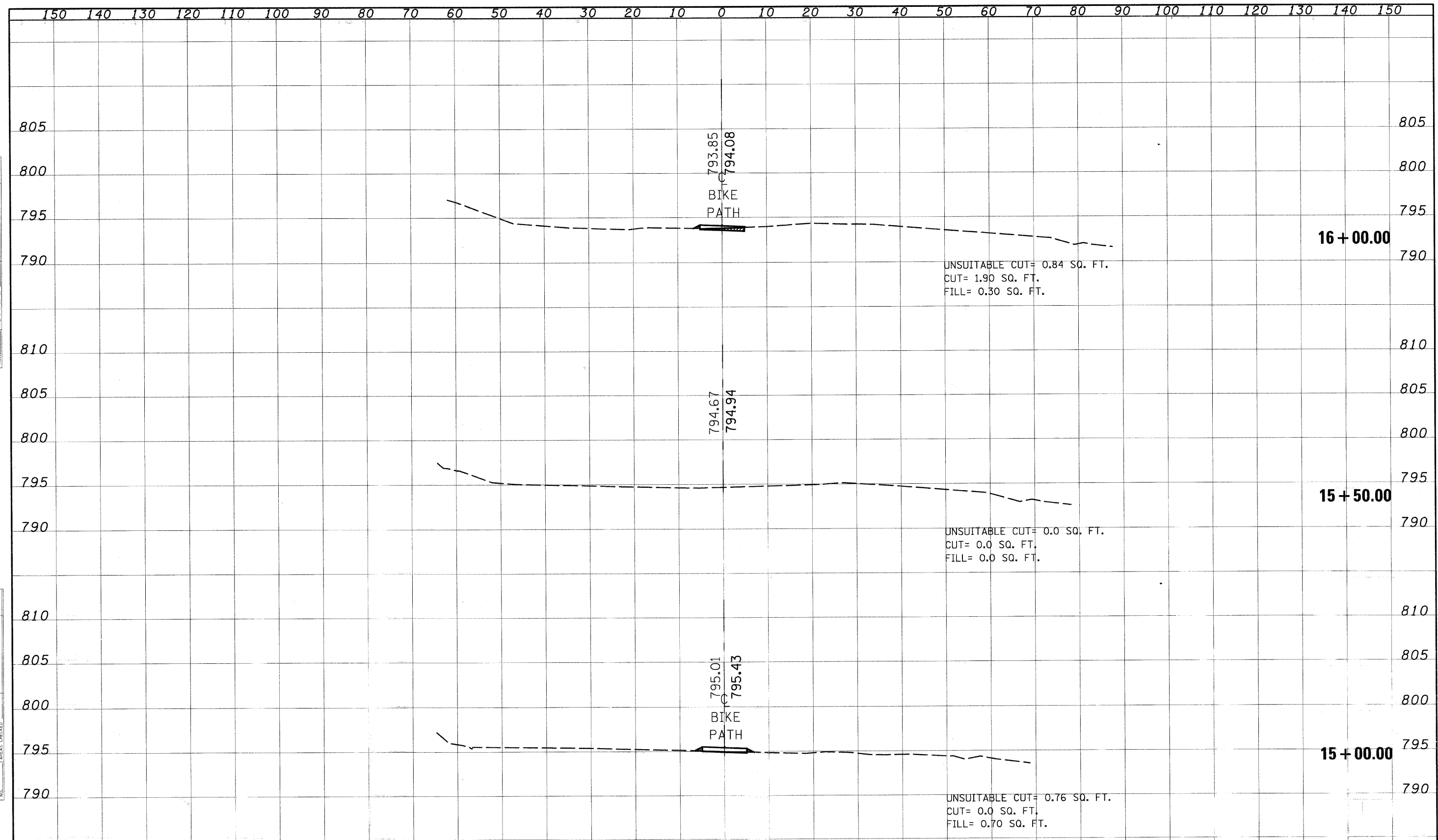
CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME: JUSER	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
SCALE: 1" = 40'	PLLOT SCALE: 1/8" = 10'	DRAWN	REVISED		47	24		
DATE: 6/28/2009	DATE	CHECKED	REVISED		CONTRACT NO. 63211			
		DATE	REVISED		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



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

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

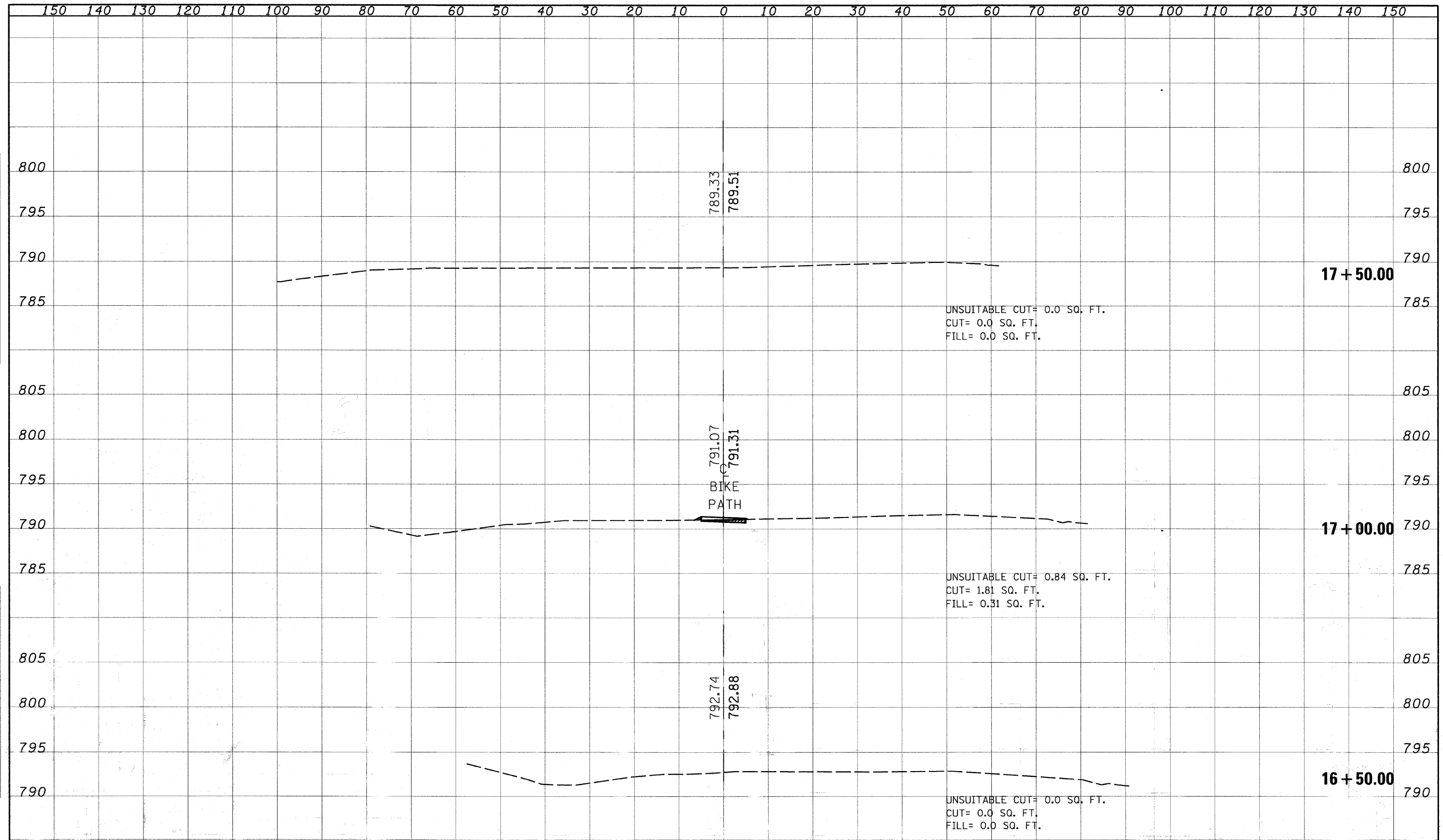


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNER	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE	SHEET NO.	OF	SHEETS	STA. 15+00.00	TO STA. 16+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISIONS											47	25
			REVISIONS											CONTRACT NO. 63211	
			REVISIONS											ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
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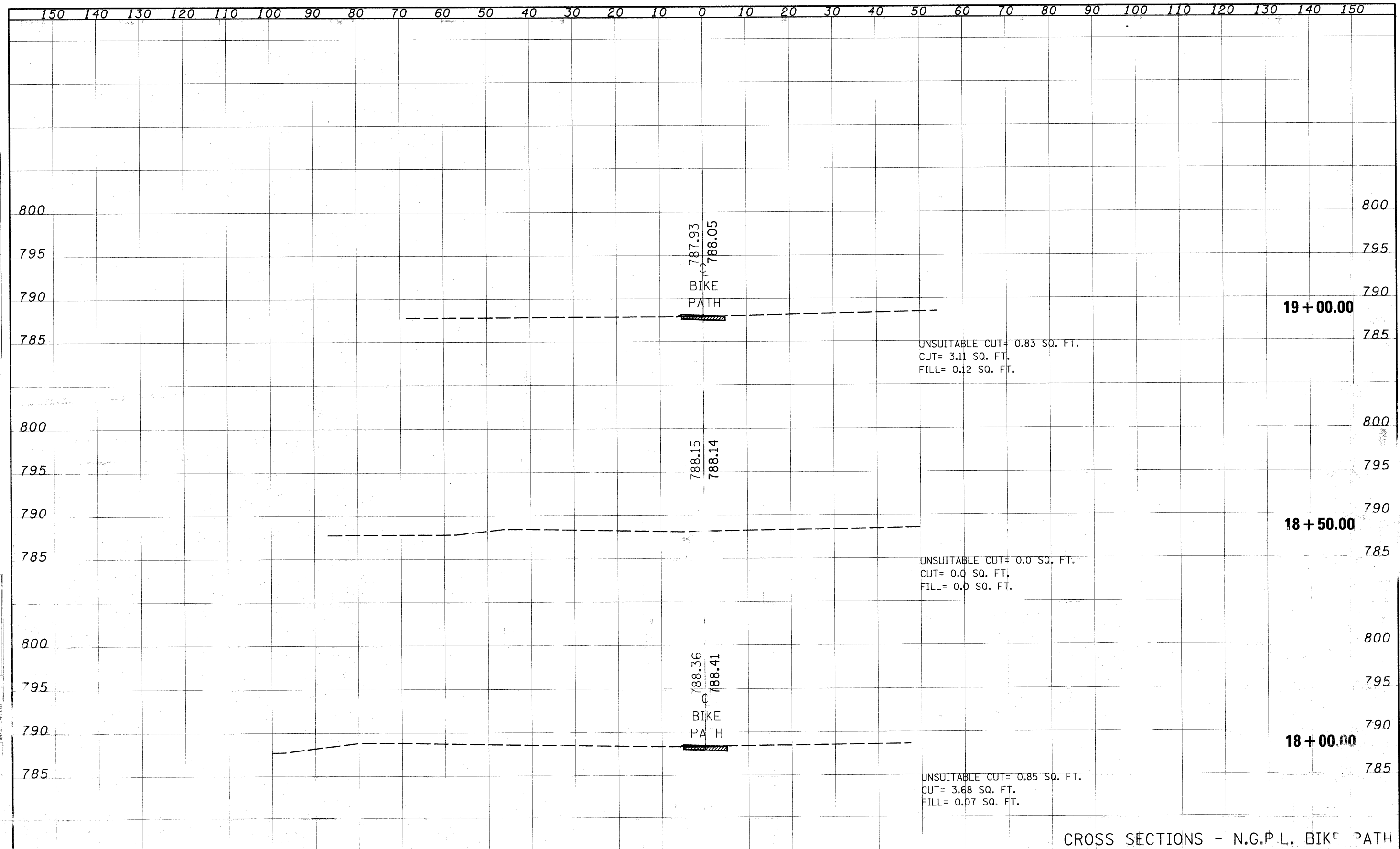


CROSS SECTIONS - N.G.P.L. BIKE PATH

NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE #		DRAWN	REVISED	DEPARTMENT OF TRANSPORTATION				47	26
PLOT SCALE		CHECKED	REVISED		SCALE:	SHEET NO.	OF SHEETS	STA. 16+50.00	TO STA. 150.00
PRINT DATE	089	DATE	REVISED						
								CONTRACT NO. 63211	
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

ORIGINAL SURVEY BOOK	DATE
NO.	
AREAS CHECKED	



CROSS SECTIONS - N.G.P.L. BIKE PATH

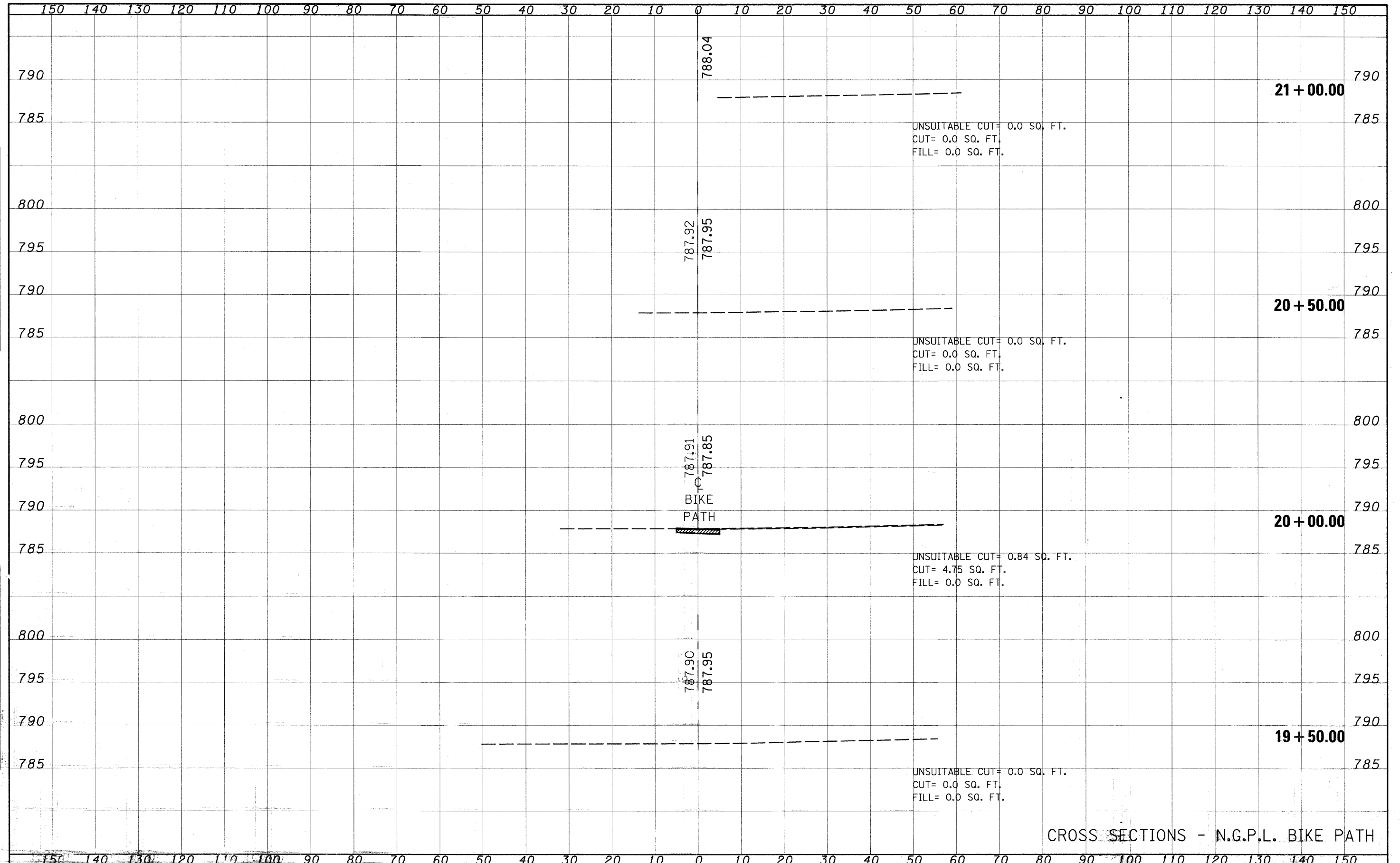
DESIGNED	REVISIONS	SCALE:	SHEET NO.	OF	SHEETS	STA. 18+00.00	TO STA. 19+00.00	F.A. RTE.	SECTION	CONTRACT NO.	ILLINOIS FED. AID PROJ. NO.
DRAWN	REVISIONS										
CHECKED	REVISIONS										
DATE	REVISIONS										

STATE DEPARTMENT OF TRANSPORTATION

NO. 63211

DATE	
BY	
ORIGINAL SURVEY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

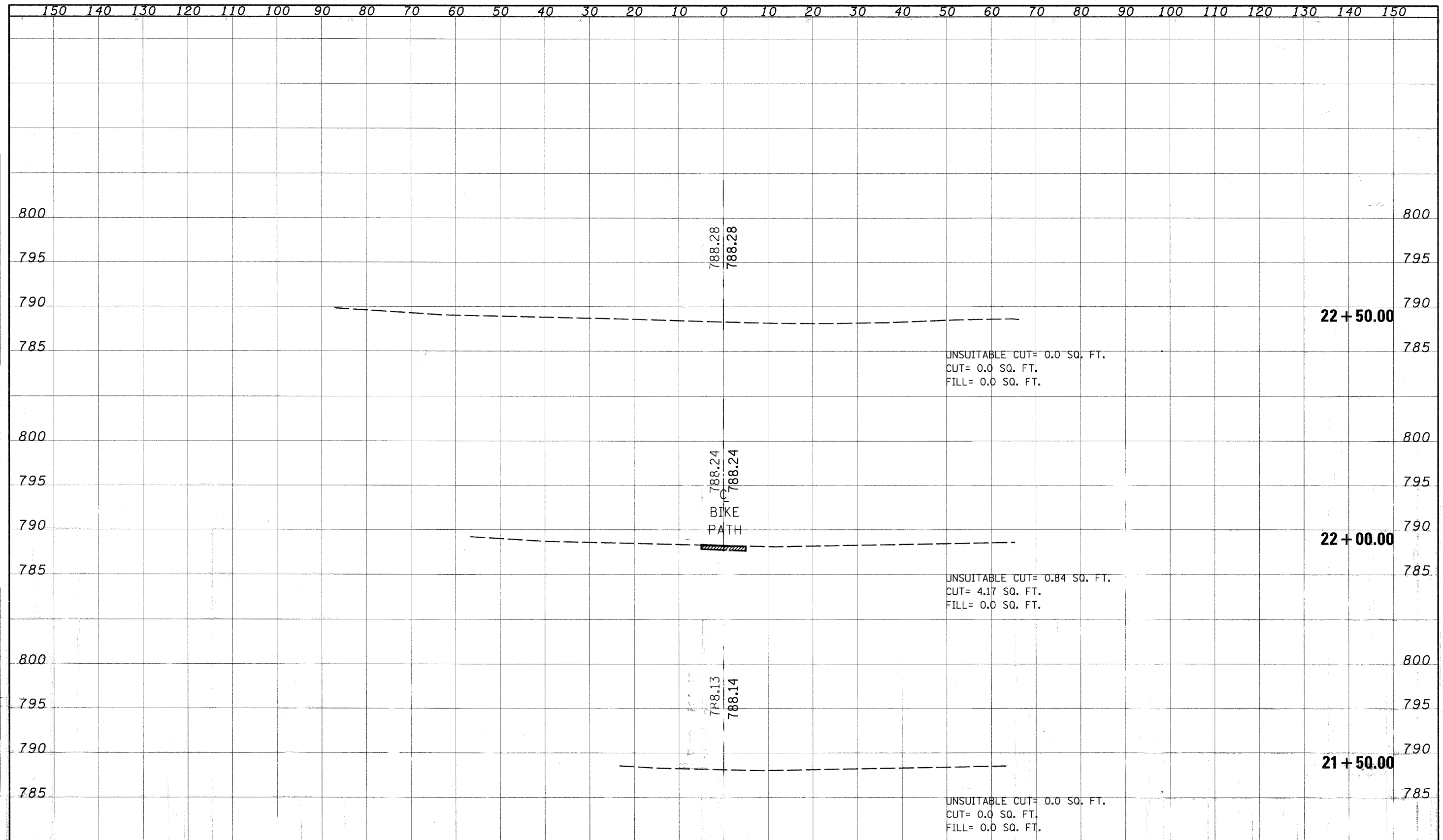


CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
#FILE#		DRAWN	REVISED						47 28
	PLOT SCALE = 10.0000 / IN.	CHECKED	REVISED			SCALE:	SHEET NO.	OF SHEETS	STA. 19+50.00 TO STA. 21+00.00
	PLOT DATE 6/21/2009	DATE	REVISED			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
						CONTRACT NO. 63211			

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

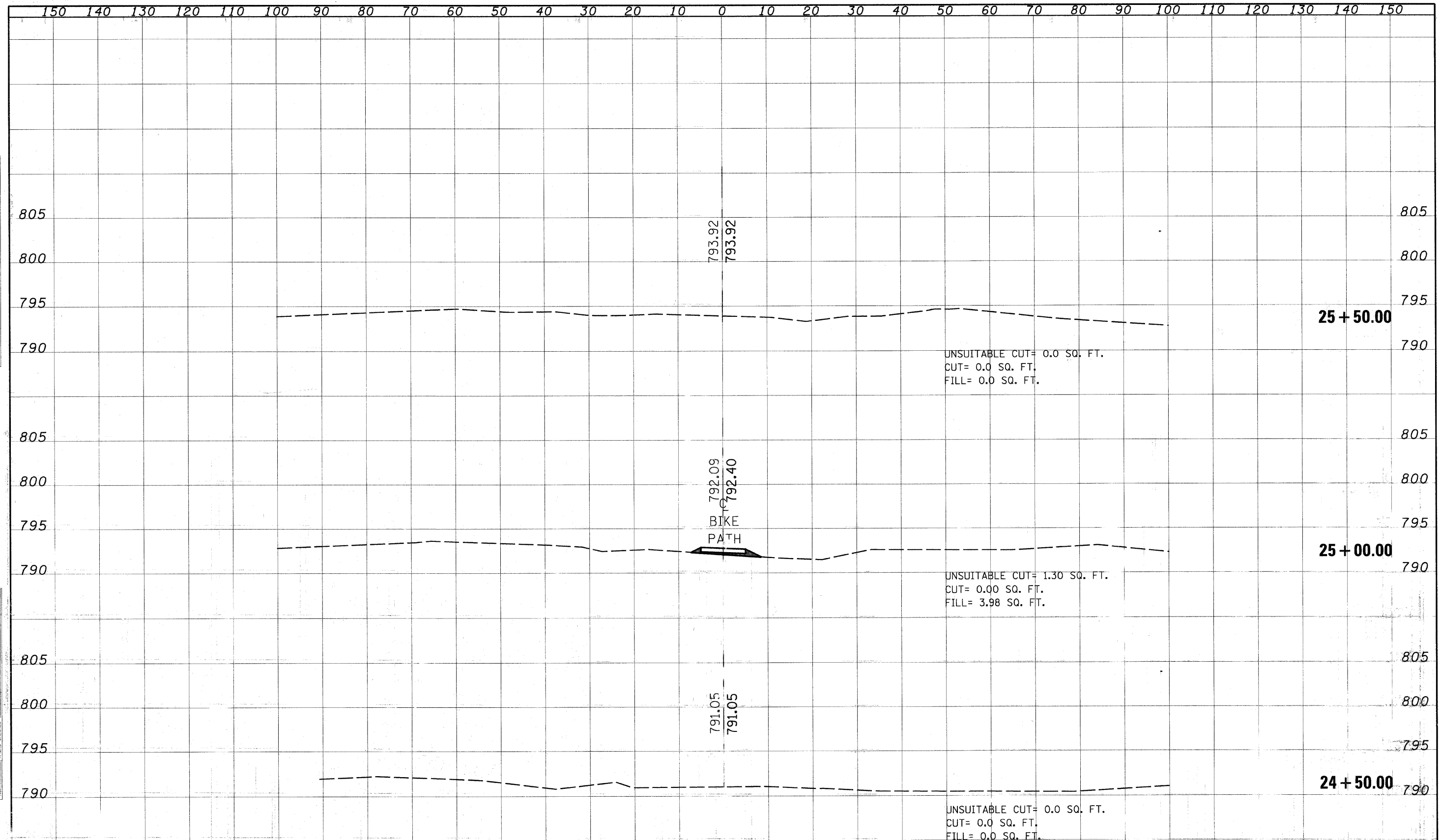


CROSS SECTIONS - N.G.P.L. BIKE PATH



DATE	
BY	
FINISHED	
SURVEY	
PLOTTED	
NOTE BOOK	
AREA	
CHECKED	
NO.	

DATE	
BY	
FINISHED	
SURVEY	
PLOTTED	
NOTE BOOK	
AREA	
CHECKED	
NO.	



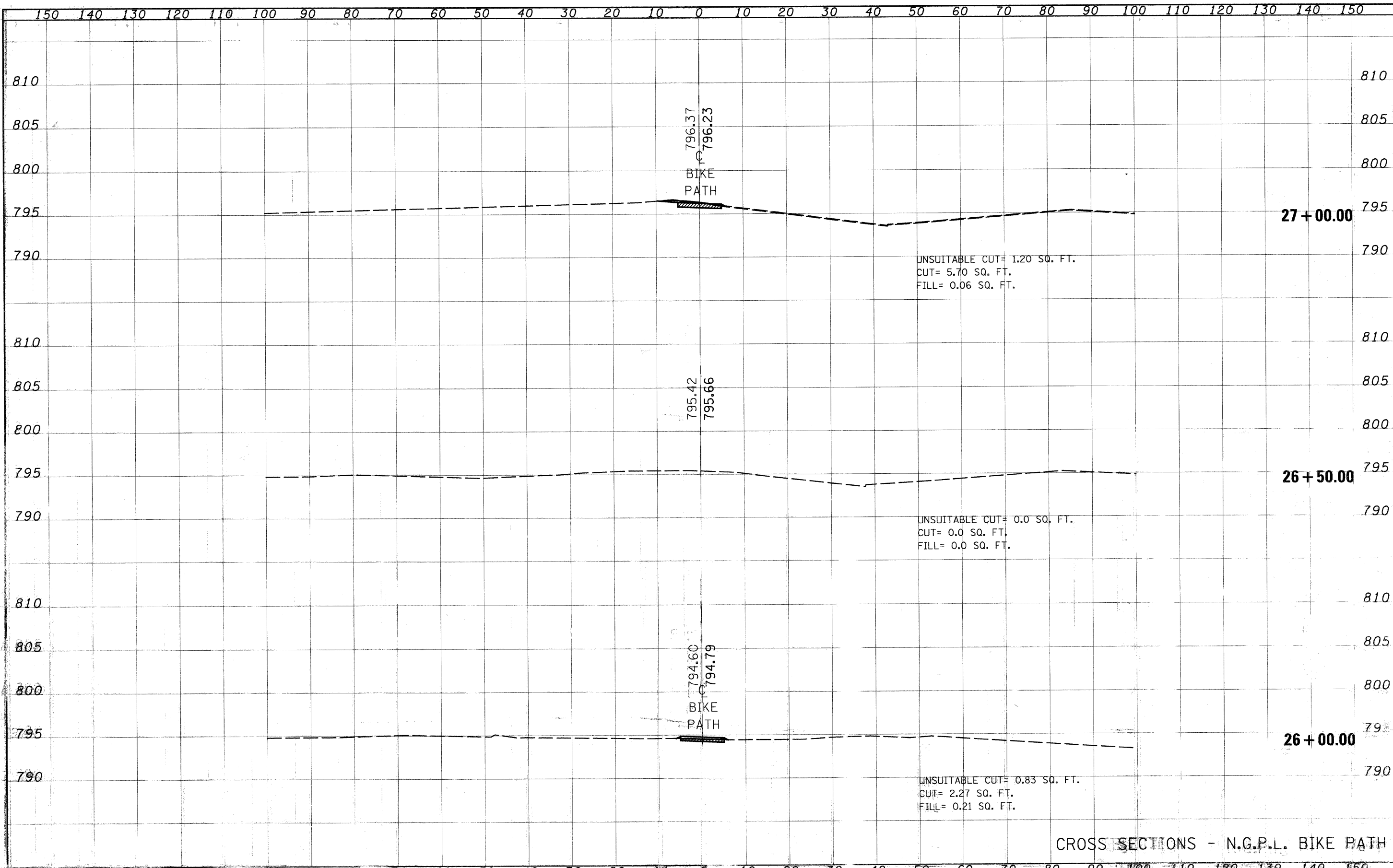
CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISOR	SCALE	SHEET NO.	OF	SHEETS	STA. 24+50.00	TA. 25+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISOR										47	31
		CHECKED	REVISOR										CONTRACT NO. 63271	
		DATE	REVISOR										FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	BY
DESIGNED	DESIGNED
DRAWN	DRAWN
CHECKED	CHECKED
DATE	DATE

DATE	BY
DESIGNED	DESIGNED
DRAWN	DRAWN
CHECKED	CHECKED
DATE	DATE



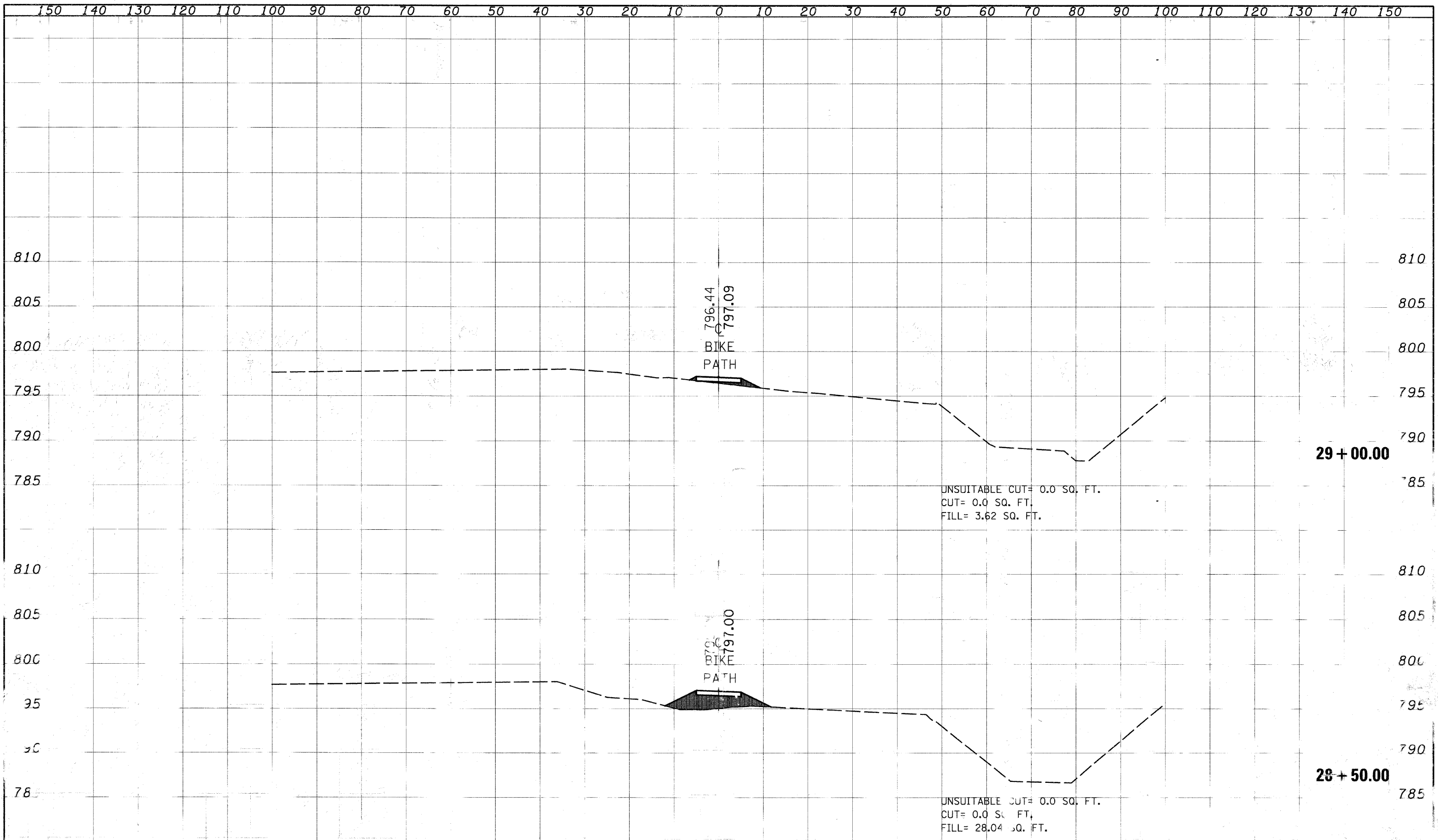
CROSS SECTIONS - N.G.P.L. BIKE PATH

USER NAME: DESIGNED: DRAWN: CHECKED: DATE:	REVISIONS: REVISIONS: REVISIONS: REVISIONS:	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SCALE: SHEET NO. OF SHEETS: STA. 26+00.00 TO STA. 27+00.00	F.A. RTE. SECTION COUNTY TOTAL SHEETS NO. 47 32 CONTRACT NO. 6311
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FINI	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

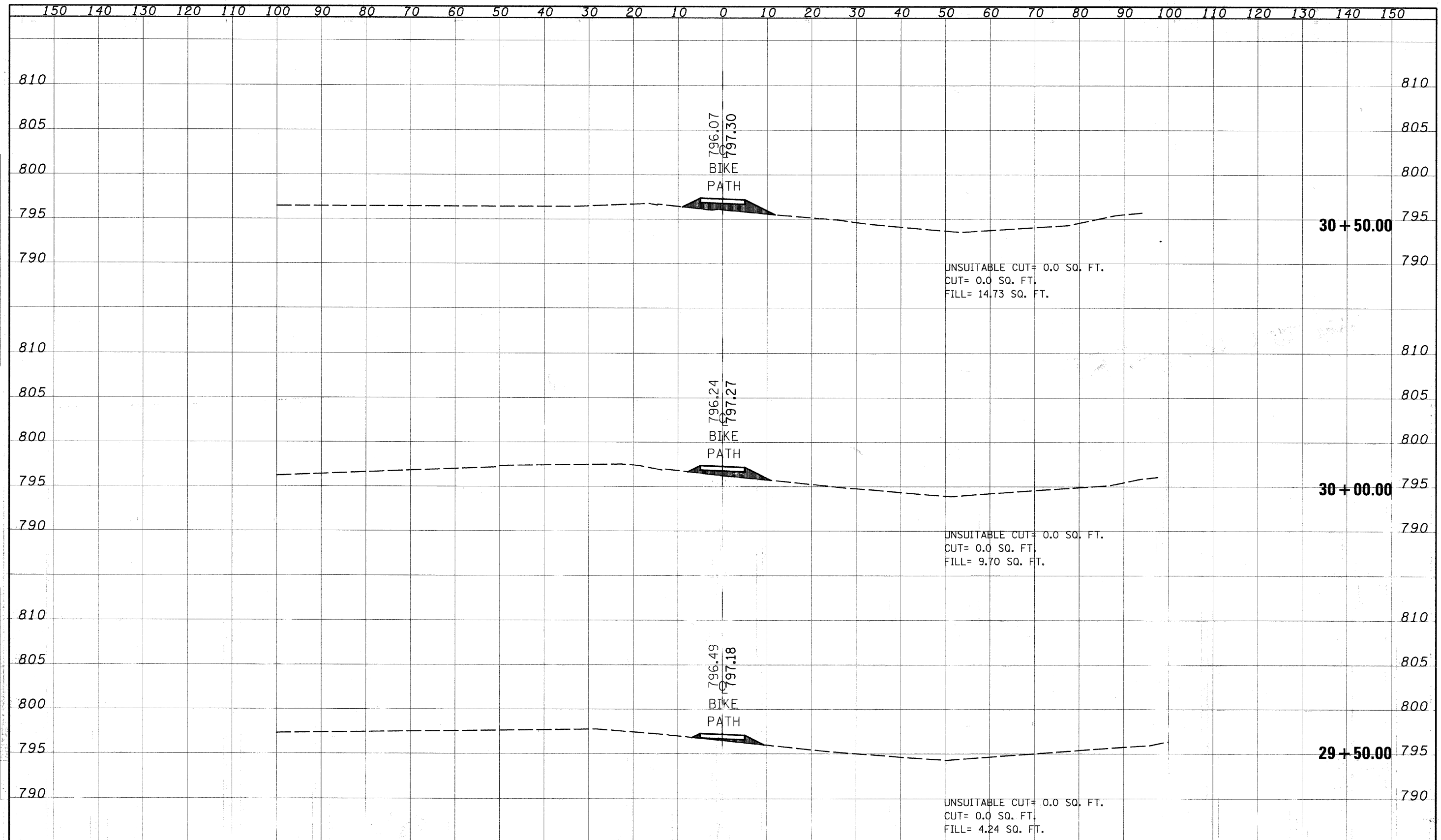


CROSS SECTIONS - N.O.P.L. BIKE

DESIGNED	REVISIONS	STATE OF ILLINOIS	SECTION	QUANTITY	SHEET NO.
DRAWN	1	DEPARTMENT OF TRANSPORTATION	0	47	34
CHECKED	2			63211	
DATE					

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

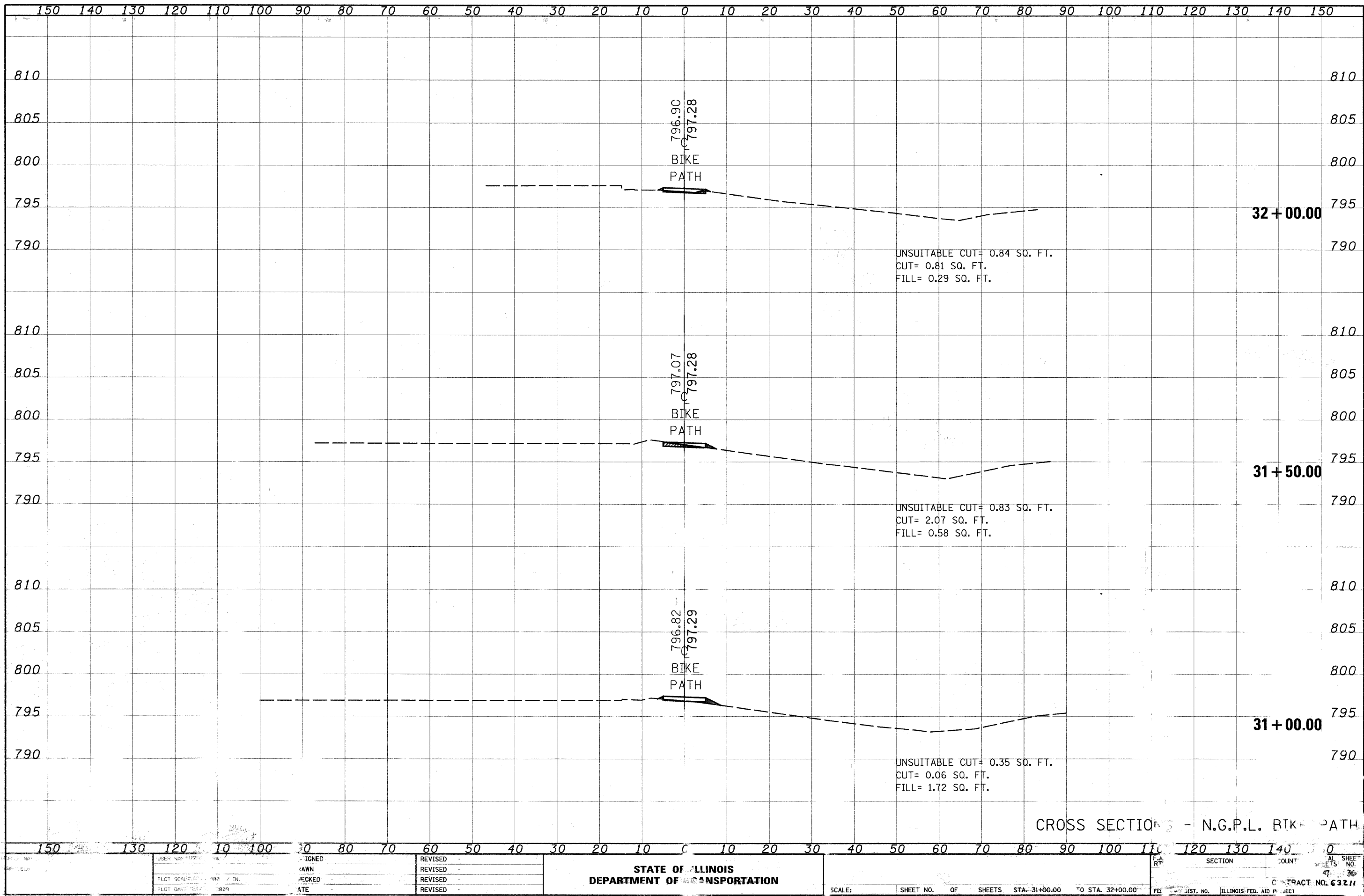
BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



CROSS SECTIONS - N.G.P.L. BIKE PATH

DATE	BY	NO.
DESIGNED	CHECKED	DATE
REVISIONS	NO.	DATE

DATE	BY	NO.
DESIGNED	CHECKED	DATE
REVISIONS	NO.	DATE



USER NAME	DATE
SCALE	IN.
DATE	NO.

DESIGNED	REVISION
CHECKED	REVISION
DATE	REVISION

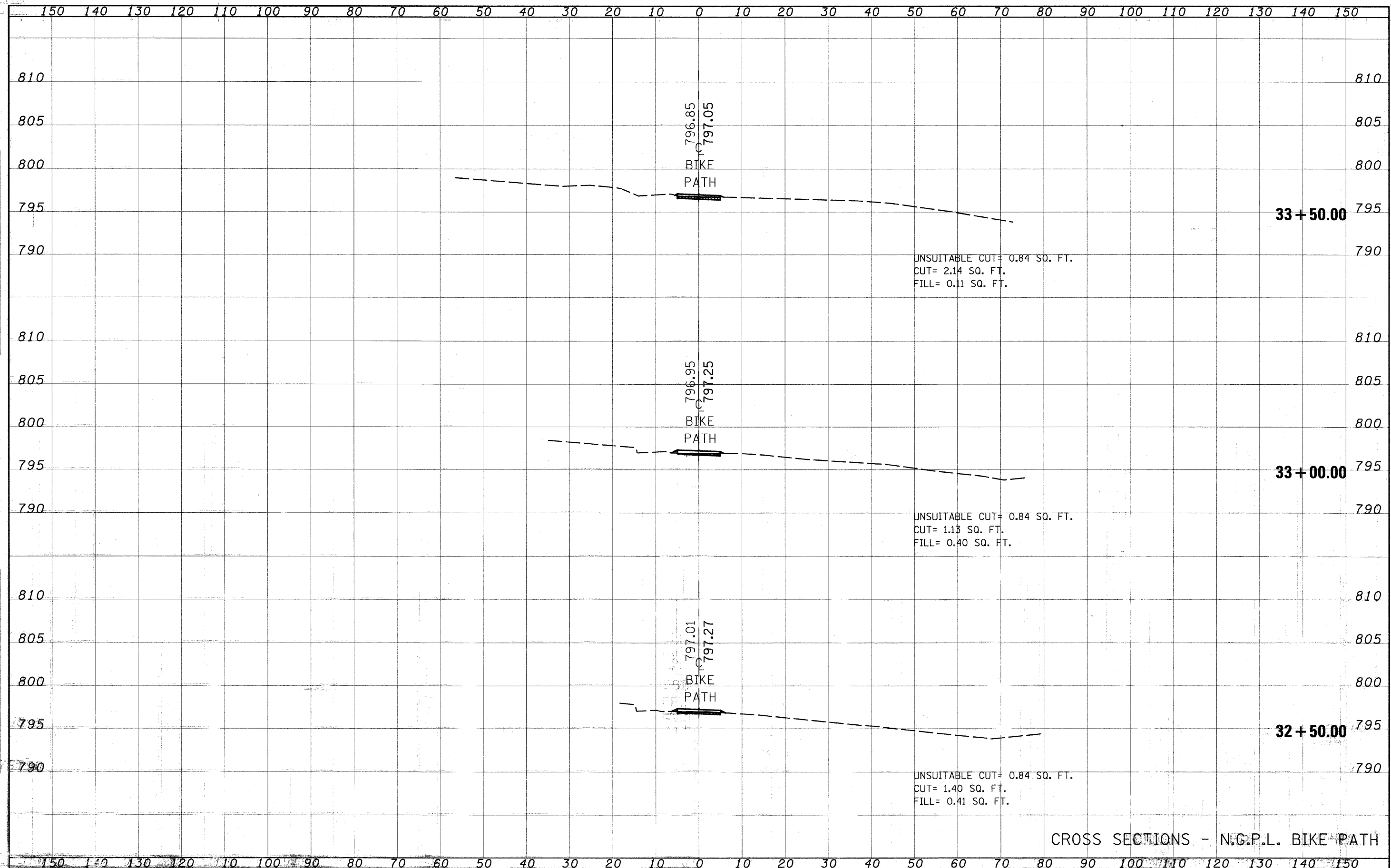
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. OF SHEETS	STA. 31+00.00 TO STA. 32+00.00

SECTION	COUNT	TOTAL SHEETS
CONTRACT NO. 63211		

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

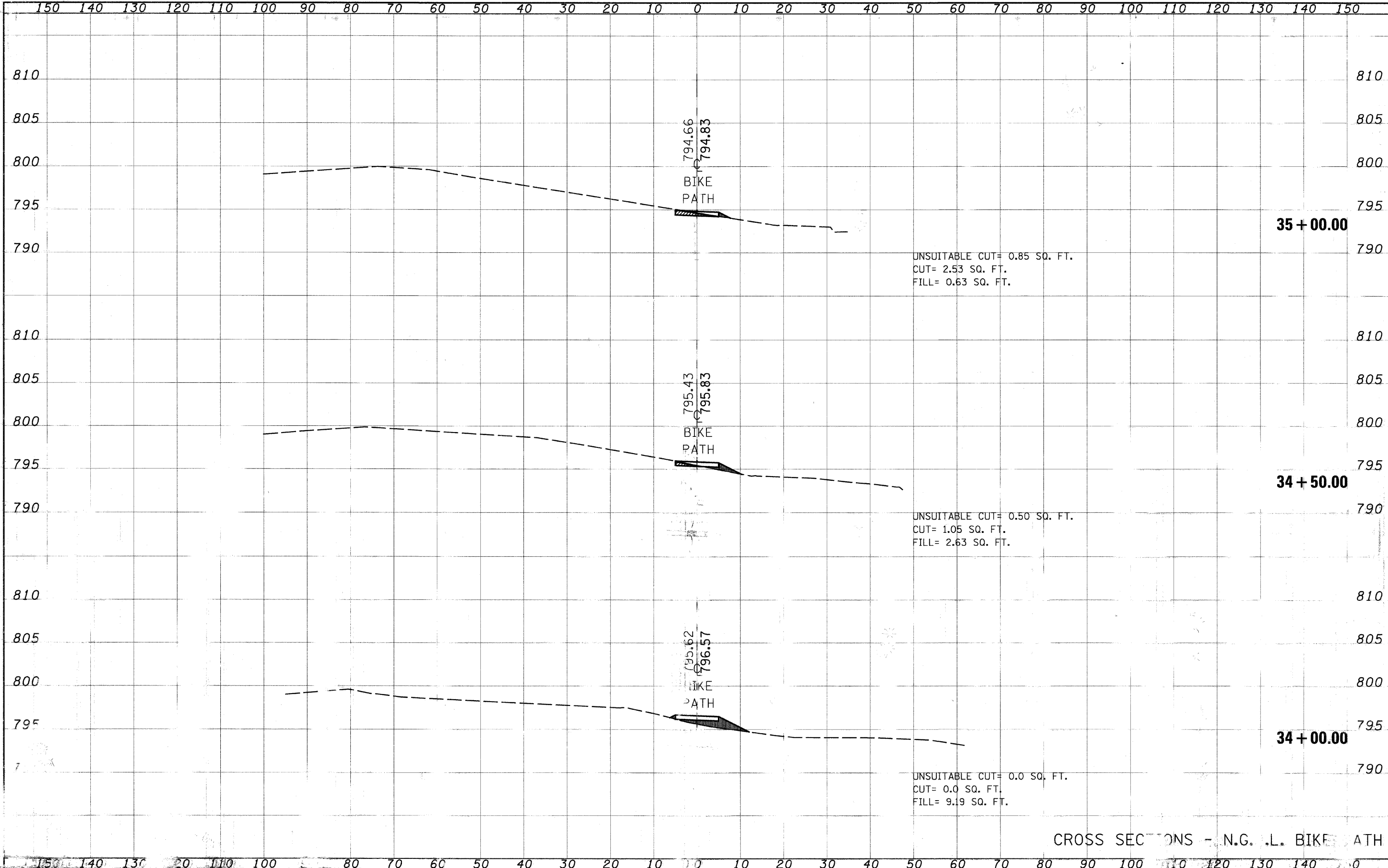
DATE	
BY	
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
DATE	
AREAS CHECKED	
NO.	



CROSS SECTIONS - N.G.P.L. BIKE PATH

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
FIELD SURVEY: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
NO. \_\_\_\_\_

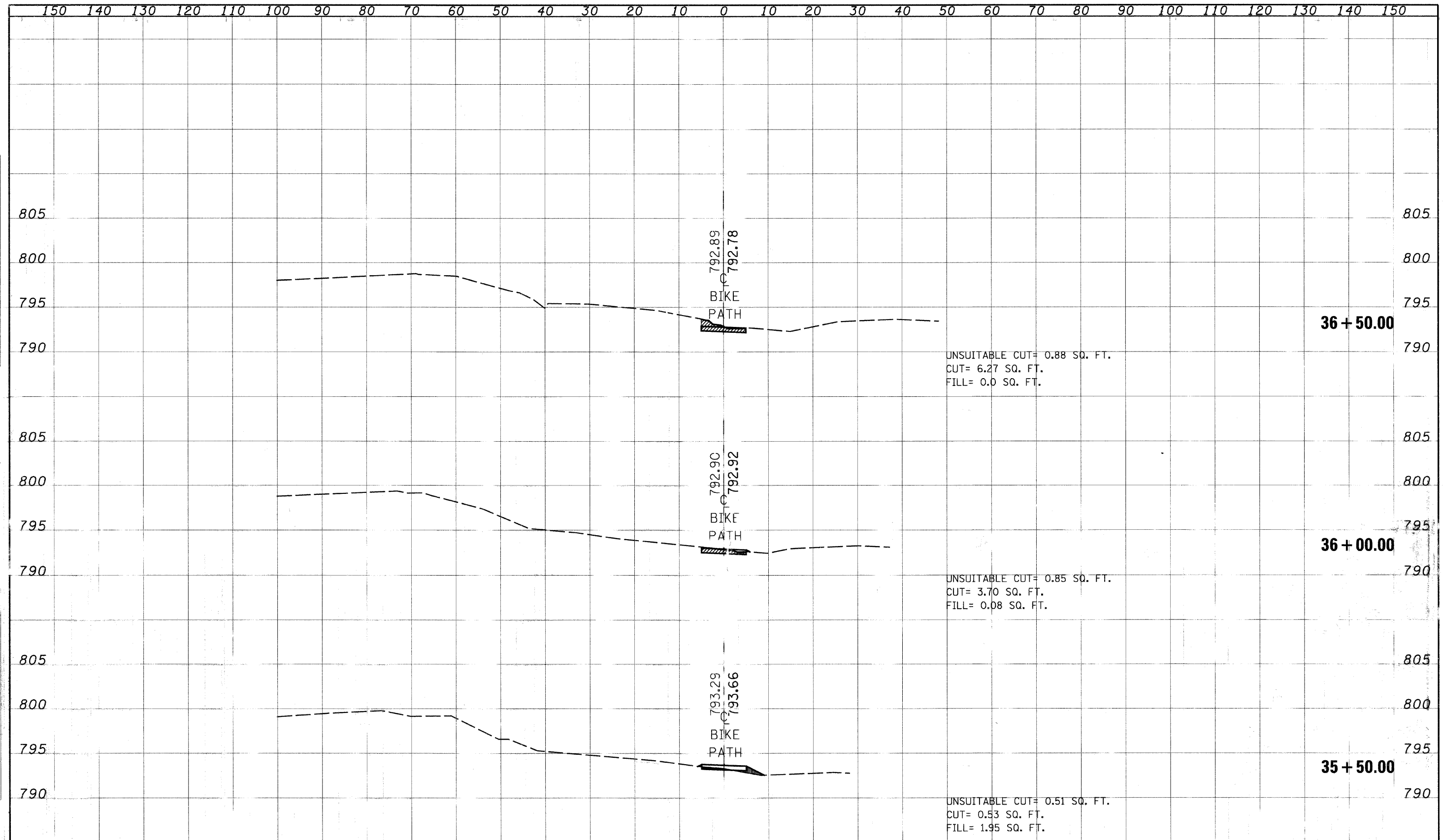
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
FIELD SURVEY: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
NO. \_\_\_\_\_



CROSS SECTIONS - N.G. .L. BIKE PATH

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

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



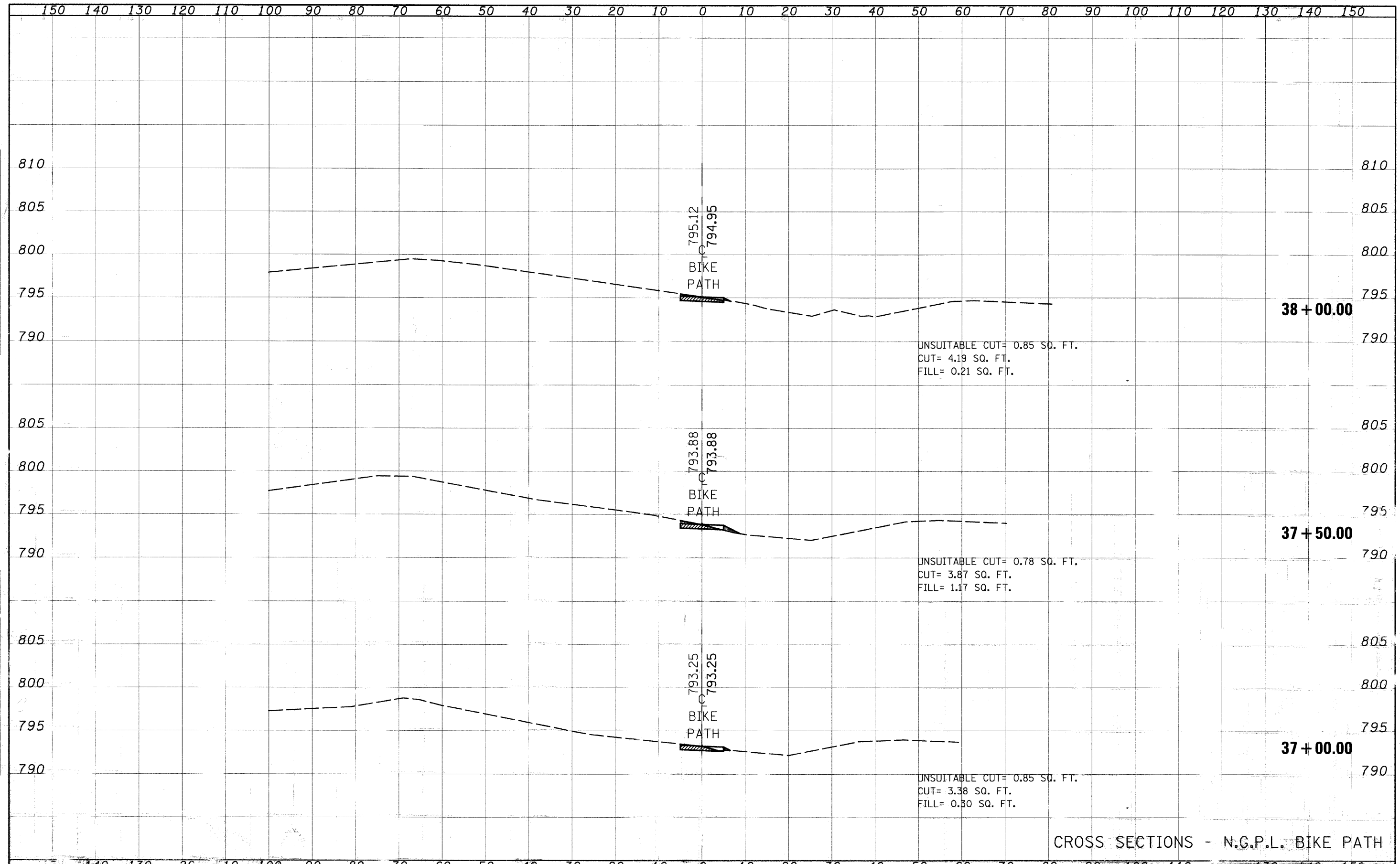
CROSS SECTIONS - N.G.P.L. BIKE PATH

DESIGN	REVISÉ	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO.	OF	SHEETS	STA. 35+50.00	TO STA. 36+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN	REVISÉ											47	39	
CHECKED	REVISÉ													
DATE	REVISÉ													

CONTRACT NO. 63211

DATE	BY
DESIGNED	DRAWN
CHECKED	REVISIONS
DATE	DATE

DATE	BY
DESIGNED	DRAWN
CHECKED	REVISIONS
DATE	DATE



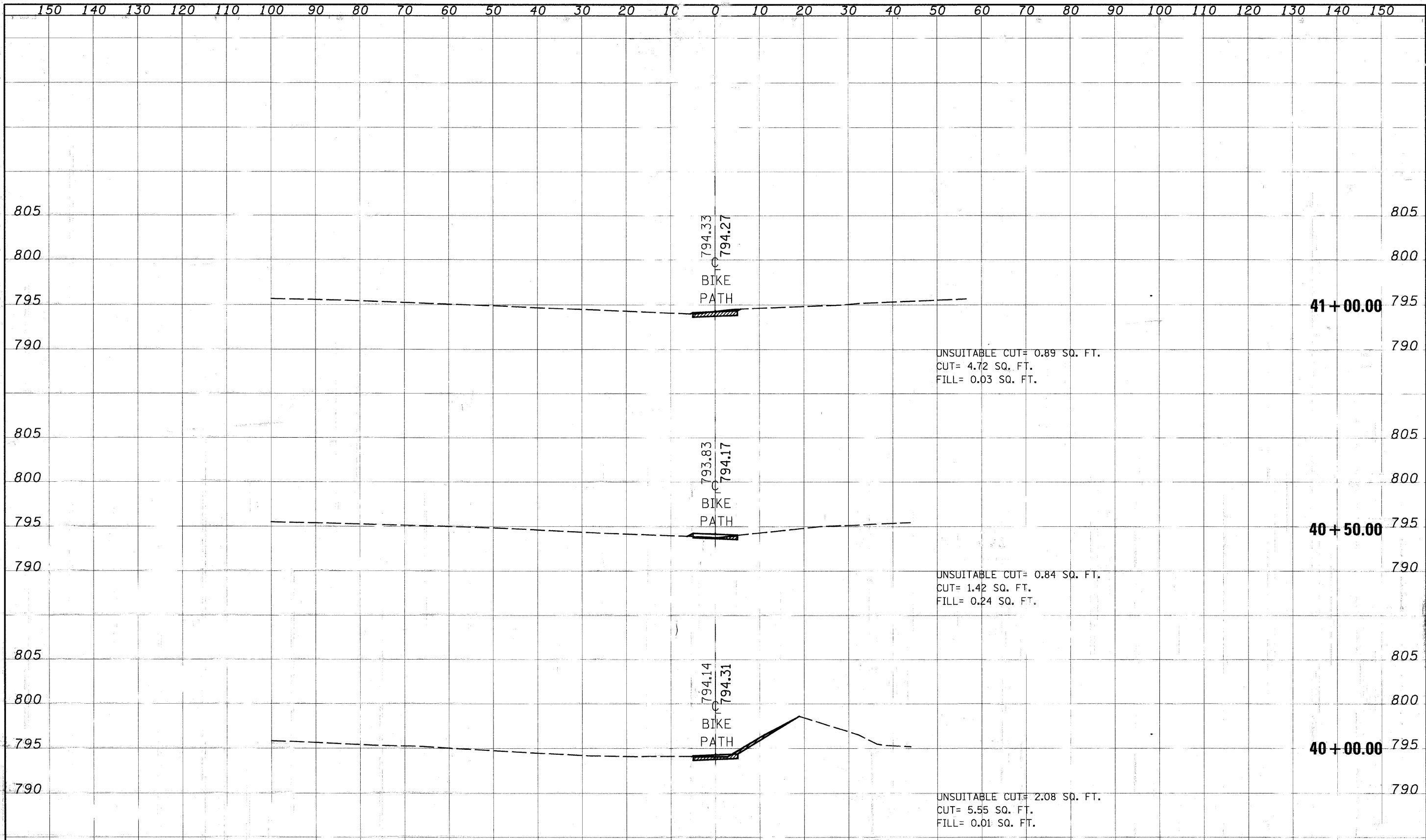
CROSS SECTIONS - N.G.P.L. BIKE PATH





DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

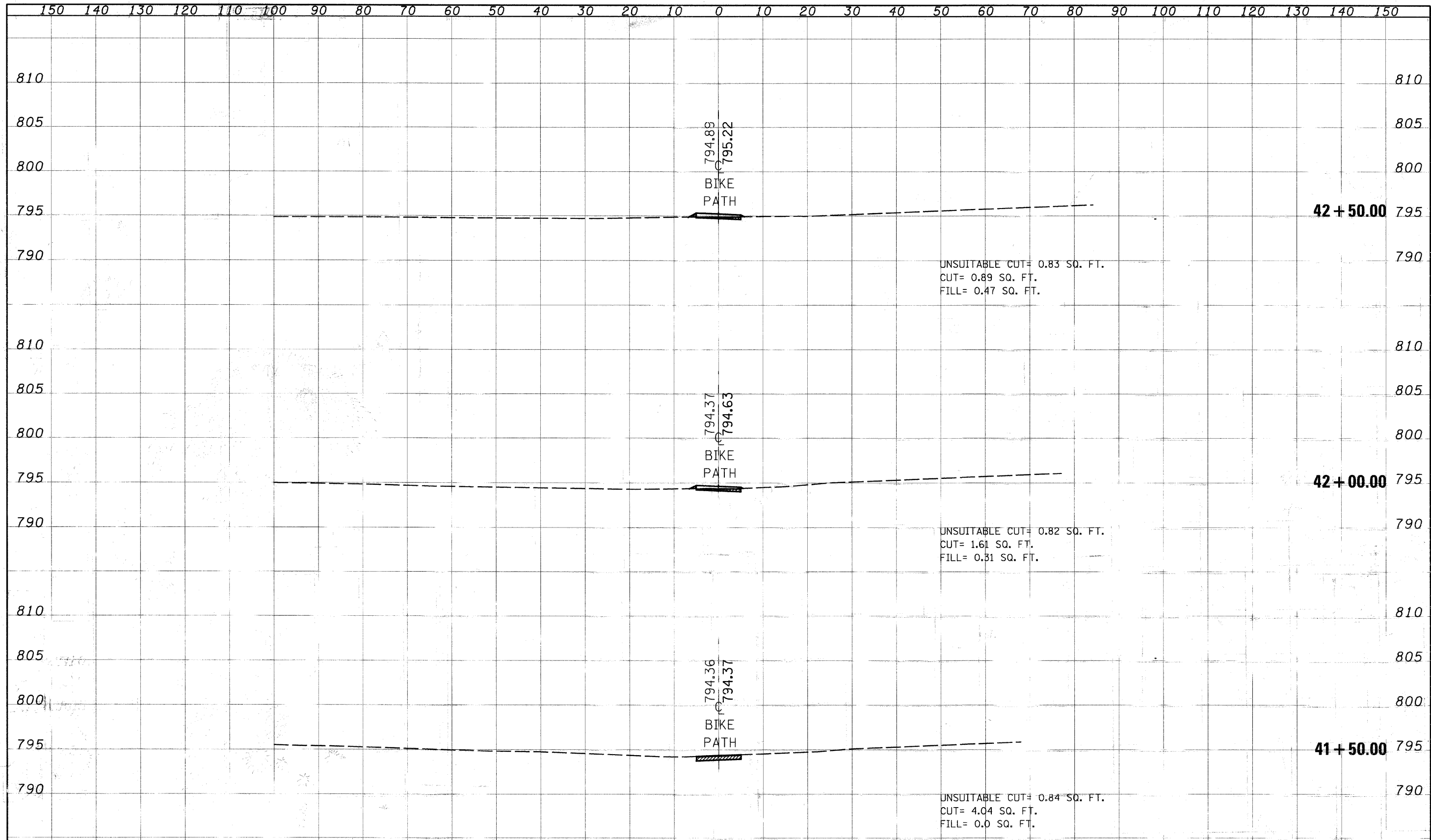
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	



CROSS SECTIONS - N.G.P.L. BIKE PATH

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#FILE#		DRAWN	REVISIONS				47	42
		CHECKED	REVISIONS				CONTRACT NO. 63211	
		DATE	REVISIONS	SCALE:	SHEET NO.	OF SHEETS	STA. 40+00.00	TO STA. 41+00.00
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ILLINOIS FED. PROJECT		

XS.dgn 6/25/2009 8:47:15 AM



CROSS SECTIONS - N.G.P.L. BIKE PATH

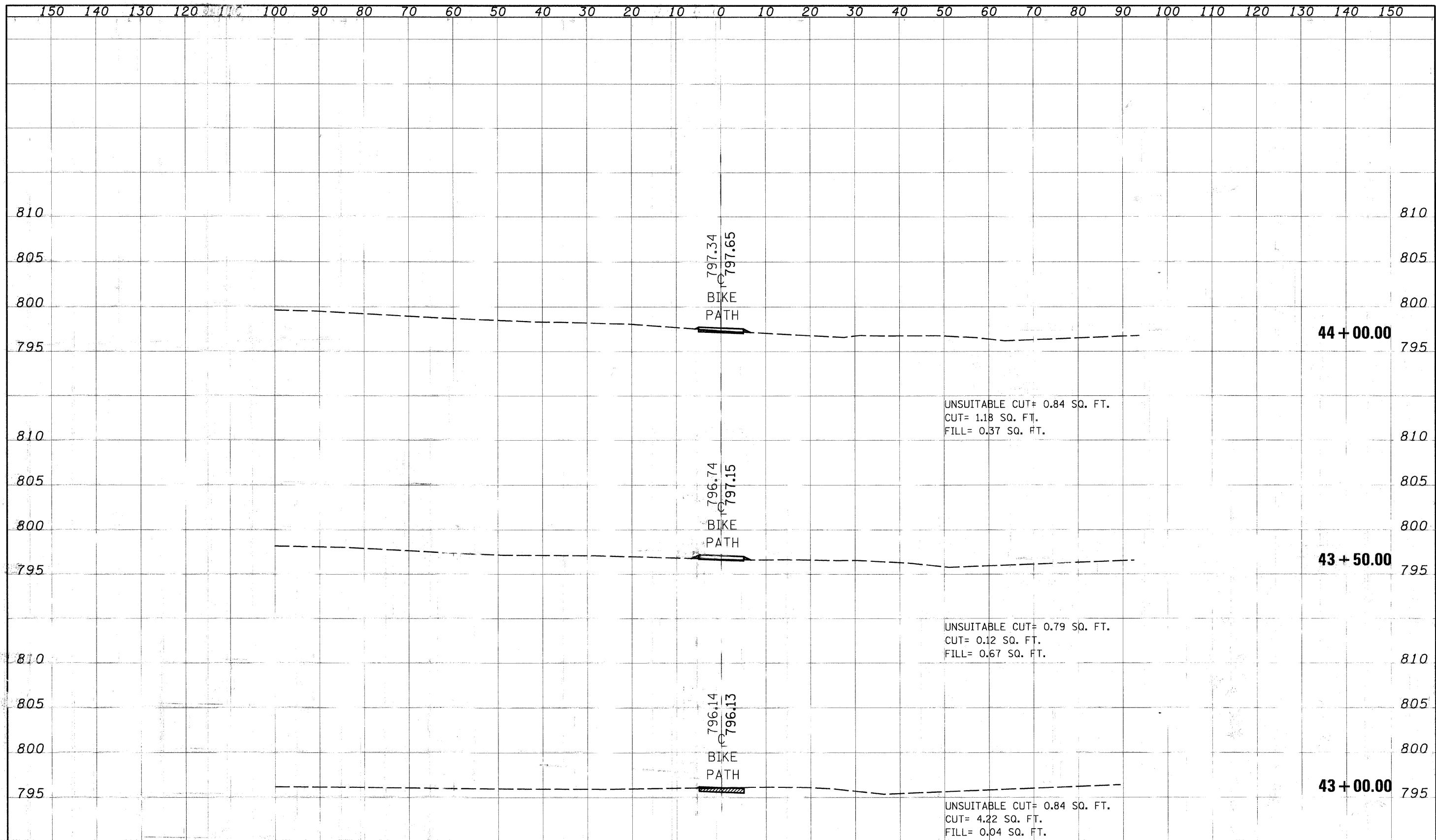
DATE	
BY	
NO.	
AREA	
CHECKED	
DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
NO.	
AREA	
CHECKED	
DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	

FILE NAME	USER NAME	DESIGNED	REVISOR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE	SHEET NO.	OF	SHEETS	STA. 41+50.00	TO STA. 42+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	#USER#													47	43
		CHECKED	REVISOR											CONTRACT NO. 63211	
		DATE	REVISOR												

FINAL SURVEY	DATE
REVISIONS	BY
NO. DATE	
REVISIONS	
NO. DATE	
REVISIONS	
NO. DATE	
REVISIONS	
NO. DATE	

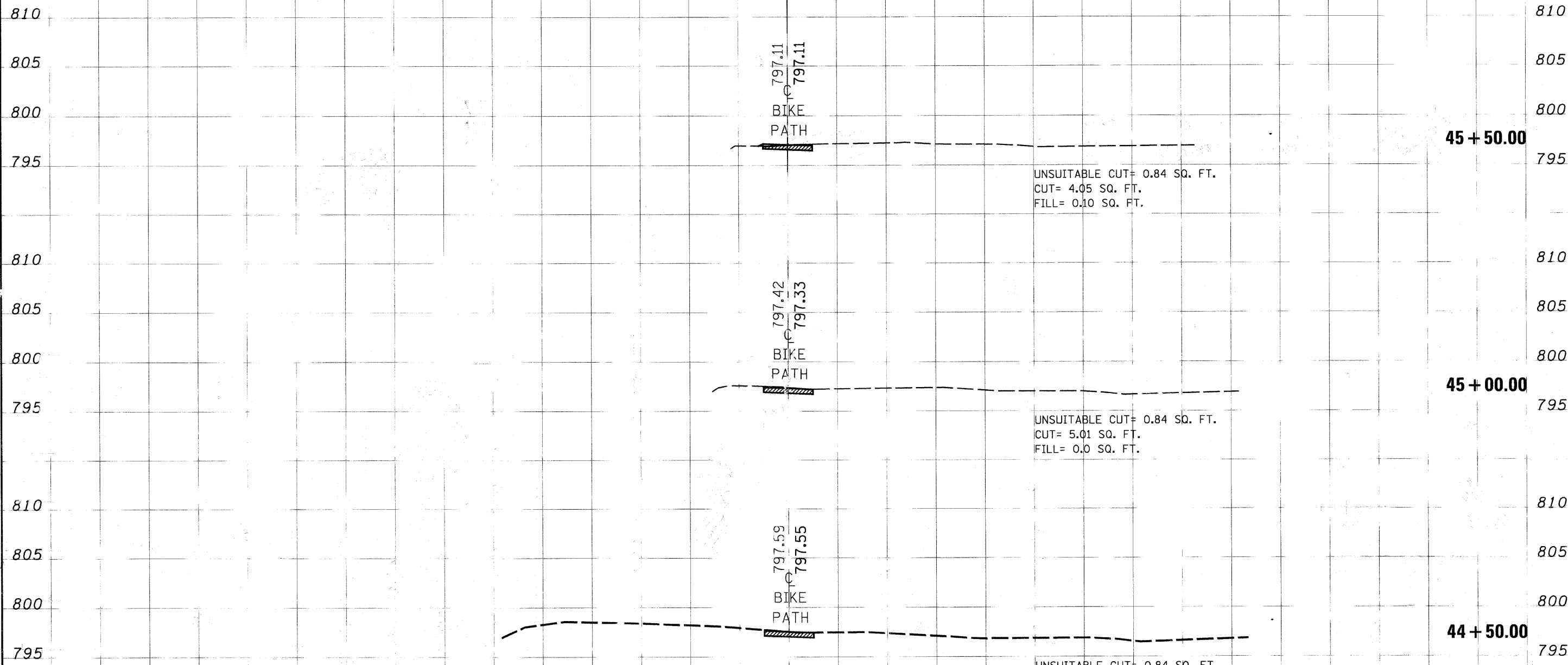
ORIGINAL SURVEY	DATE
REVISIONS	BY
NO. DATE	
REVISIONS	
NO. DATE	
REVISIONS	
NO. DATE	
REVISIONS	
NO. DATE	



CROSS SECTIONS - N.G.P.L. BIKE PATH

FILE NAME	USER NAME	DESIGNED	REVISIONS	STATE OF ILLINOIS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN	REVISIONS	DEPARTMENT OF TRANSPORTATION				47	44
		CHECKED	REVISIONS		SCALE:	SHEET NO. OF SHEETS	STA. 43+00.00 TO STA. 44+00.00	CONTRACT NO. 63111	
		DATE	REVISIONS					FED. ROAD DIST. NO. ILLINOIS FED. PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



CROSS SECTIONS - N.G.P.L. BIKE PATH

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DESCRIPTION	
DATE	

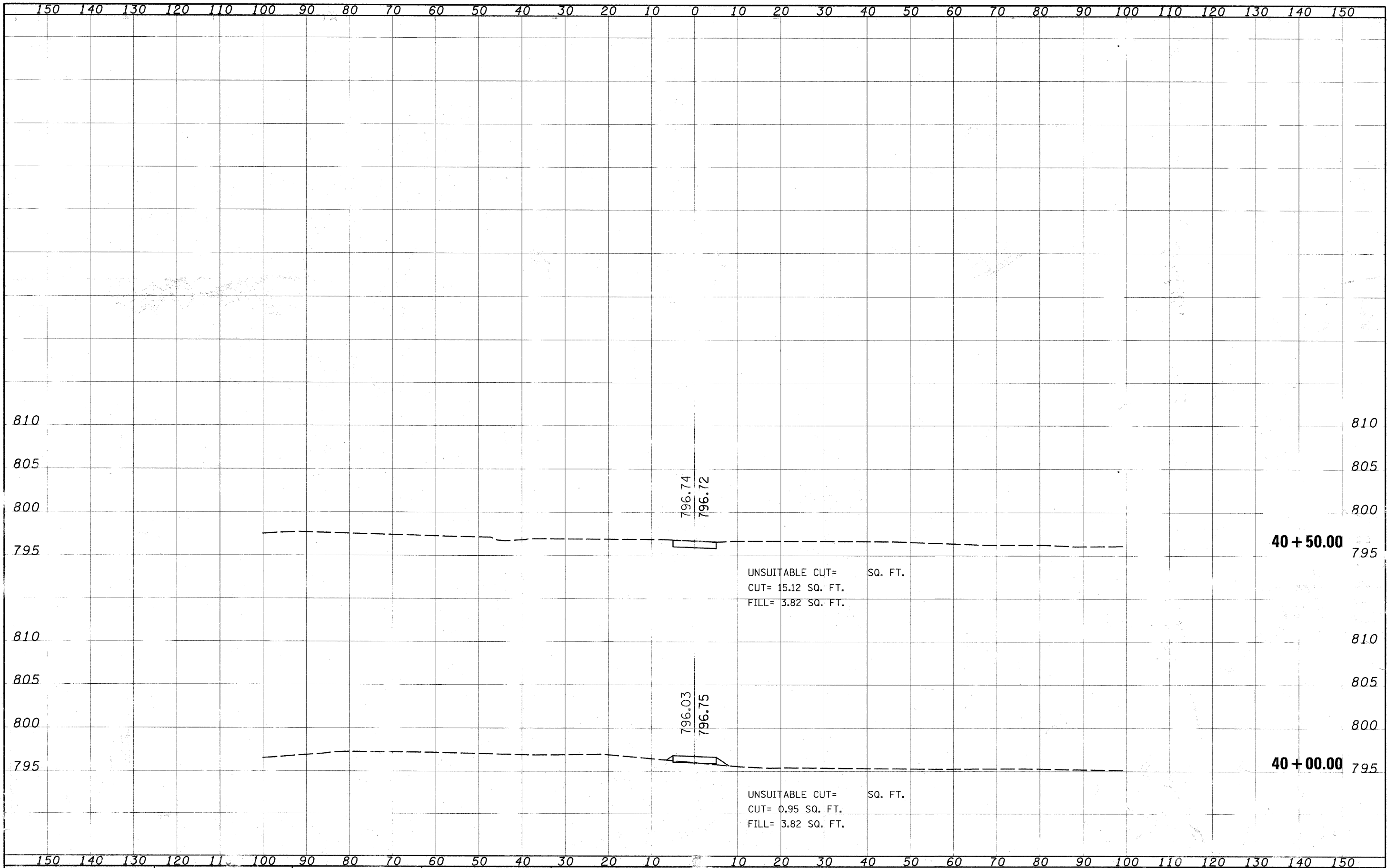
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DESCRIPTION	
DATE	

FILE NAME	USER NAME	DESIGNED	REVISIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN	REVISIONS				47	45
PLOT SCALE		CHECKED	REVISIONS	SCALE:		SHEET NO. OF SHEETS STA. 44+50.00 TO STA. 45+50.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
PLOT DATE		DATE	REVISIONS	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 632.11		



FINAL SURVEY	DATE
NO. _____	BY _____
DATE _____	BY _____
DATE _____	BY _____
DATE _____	BY _____
DATE _____	BY _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
DATE _____	BY _____
DATE _____	BY _____
DATE _____	BY _____
DATE _____	BY _____



UNSUITABLE CUT= SQ. FT.  
 CUT= 15.12 SQ. FT.  
 FILL= 3.82 SQ. FT.

UNSUITABLE CUT= SQ. FT.  
 CUT= 0.95 SQ. FT.  
 FILL= 3.82 SQ. FT.

USER NAME = BUSIER	DESIGNED	REVISOR	SCALE	SHEET NO.	OF SHEETS	STA. 40+00.00	TO STA. 40+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE = 10.00	DRAWN	REVISOR									47	47
PLLOT DATE = 6/24	CHECKED	REVISOR									CONTRACT NO. 63211	
	DATE	REVISOR									ILLINOIS FED. AID PROJEC	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION