

FEDERAL AID PROGRAM ENGINEER: CHARLES F. RIDDLER, P.E. 847-705-4406

CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

PENNSY GREENWAY SPUR BIKE PATH  
ILL./IND. STATE LINE TO LITTLE CALUMET RIVER  
PROJECT NO.: CMM-8003(325)  
SECTION NO.: 03-P4045-01-BT  
LAN OAK PARK DISTRICT  
VILLAGE OF LANSING  
COOK COUNTY  
JOB NO.: C-91-207-03

F.A.M. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	001
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**

**INDEX OF SHEETS**  
SEE SHEET NO. 2

**STATE STANDARDS**  
SEE SHEET NO. 2

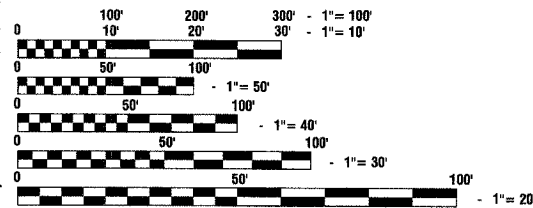
DESIGN DESIGNATION - SHARED USE PATH

PENNSY GREENWAY SPUR

POSTED SPEED LIMIT - N/A  
DESIGN PERIOD - 20 YEARS  
DESIGN SPEED LIMIT - 20 mph

**DESCRIPTION OF IMPROVEMENT**

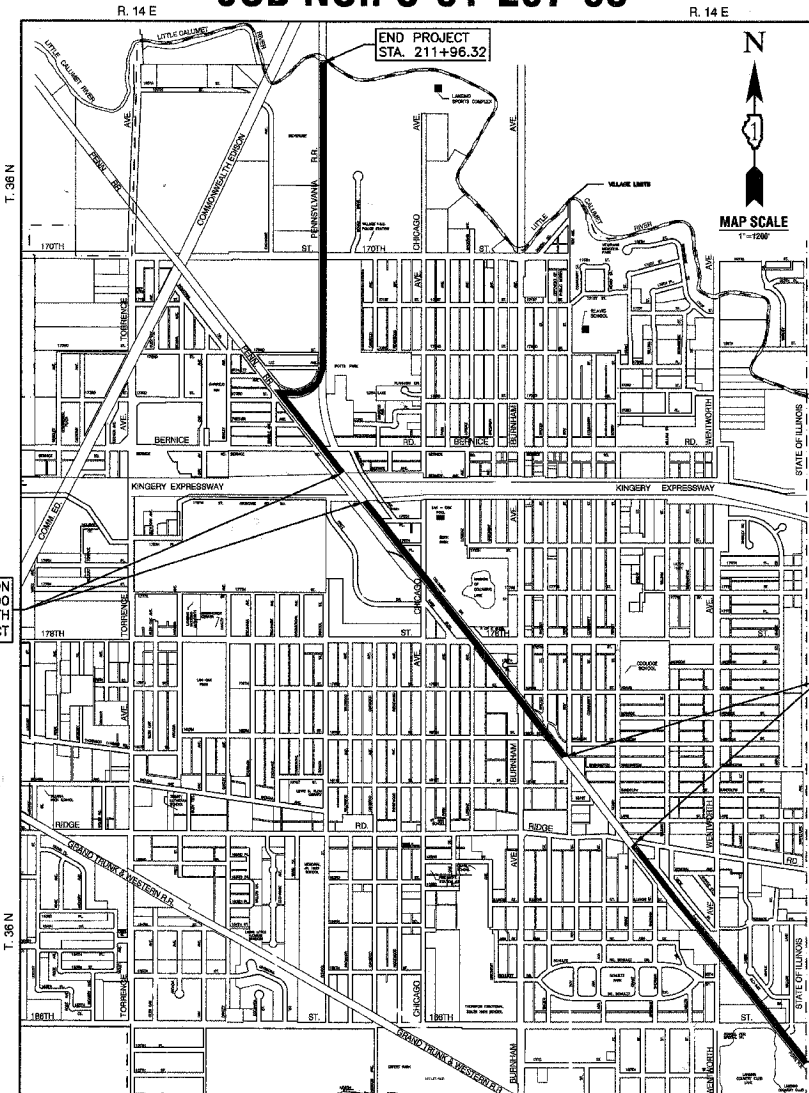
THIS IMPROVEMENT CONSISTS OF EARTH EXCAVATION, AND BITUMINOUS PAVEMENT CONSTRUCTION. ALL INCIDENTAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.



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

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

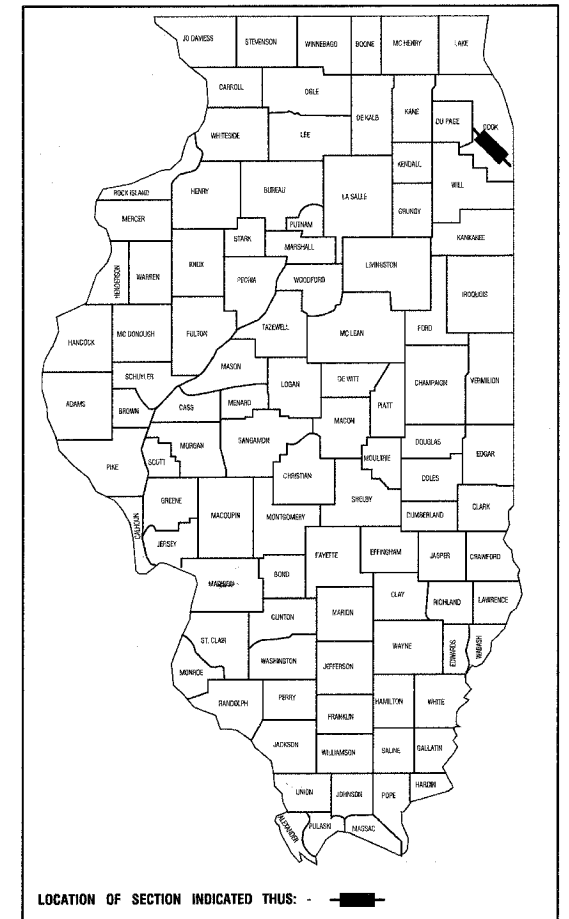
**CONTRACT NO. 83811**



AREA OF OMISSION  
STA. 125+16.89 TO STA. 150+00  
TO BE CONSTRUCTED WITH  
THE I-80/94 CONSTRUCTION PROJECT

AREA OF OMISSION  
STA. 48+23.39 TO STA. 80+00  
TO BE CONSTRUCTED BY  
THE VILLAGE OF LANSING AS PART  
OF THE DOWNTOWN REDEVELOPMENT PLAN

**LOCATION MAP**  
GROSS LENGTH=20,200 FEET=3.83 MILES  
NET LENGTH=14,540 FEET=2.75 MILES



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

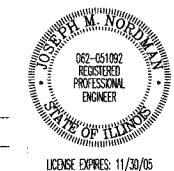
APPROVED July 20, 2005 [Signature] LOCAL AGENCY OFFICIAL

APPROVED July 22, 2005 [Signature] DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED July 22, 2005 [Signature] DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

PREPARED BY OR UNDER THE  
DIRECT SUPERVISION OF:

Joseph M. Snel  
July 21, 2005



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THE STATE OF ILLINOIS**

F.A.D. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	002
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

**INDEX OF SHEETS**

- 1. TITLE SHEET
- 2. INDEX OF SHEETS, STATE STANDARDS
- 3. GENERAL NOTES
- 4. SUMMARY OF QUANTITIES
- 5. TYPICAL CROSS SECTIONS
- 6.-17. PLAN AND PROFILE
- 18.-23. SIGNAGE AND EROSION CONTROL PLAN
- 24. PROJECT DETAILS
- 25. TRAFFIC GUARD® HINGED BOLLARD DETAIL
- 26. DISTRICT 1 TYPICAL PAVEMENT MARKINGS
- 27. BENCHING DETAIL FOR EMBANKMENT WIDENING
- 28.-80. CROSS SECTIONS

**STATE STANDARDS**

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-04 CURB RAMPS FOR SIDEWALK
- 606001-02 CONCRETE CURB & COMBINATION CONCRETE CURB & GUTTER
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-03 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001-05 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 88001 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 331-8700 FAX (708) 331-3828		<b>REVISIONS</b>		
© COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128		No.	Date	Remarks
<b>INDEX OF SHEETS AND STATE STANDARDS PENNSY GREENWAY BIKE PATH</b>				
<b>LANSING, ILLINOIS</b>				
Drawn by: LTL	Date: 7/22/05			
Checked by: JP/JMN	Scale: N/A			
Sheet 002 of 080	Project No. 03-365.02			

FAU. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	003
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

**GENERAL NOTES**

- 1 ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- 2 ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3 WHEN, IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 4 THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE DEPARTMENT DOES NOT GUARANTEE ITS ACCURACY. PRIOR TO COMMENCING OPERATIONS ON THE PROJECT WHICH MAY IN ANY WAY CREATE THE POSSIBILITY OF INVOLVEMENT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE FIRM (OR COMMUNITY) INVOLVED. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT WILL BE DONE BY THE RESPECTIVE OWNERS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCE CAUSED BY THESE ADJUSTMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATION BEFORE STARTING CONSTRUCTION OPERATIONS.
- 5 COMBINATION CONCRETE CURB AND GUTTER, SHALL BE AND INSTALLED WITH A MINIMUM THICKNESS EQUAL TO NINE INCHES (9").
- 6 THE CONTRACTOR SHALL PROTECT ALL TREES WITHIN AND ADJACENT TO THE CONSTRUCTION SITE DURING THE CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS. THOSE TREES TO BE REMOVED AS SHOWN IN THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS.
- 7 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 8 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- 9 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PARK DISTRICT OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE PARK DISTRICT OR THE VILLAGE.
- 10 BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).
- 11 WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 12 THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4150 AND THE COOK COUNTY HIGHWAY DEPARTMENT AT (312) 603-1600 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. THE CONTRACTOR SHALL ALSO CONTACT ROBINSON ENGINEERING (708) 331-6700, THE LAN OAK PARK DISTRICT (708) 474-5020 AND THE VILLAGE OF LANSING (708) 895-7190 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 13 POROUS GRANULAR EMBANKMENT (PGE) SUBGRADE HAS BEEN PROVIDED FOR LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. THE 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 STABILITY MANUAL). IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 14 ALL PAVEMENT, CURB, AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF STRAIGHT SAW CUT JOINT. THE COST FOR SAW CUTTING SHALL BE INCIDENTAL TO THE CONTRACT.
- 15 CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2002, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- 16 DETECTABLE WARNINGS SHALL BE INSTALLED PER HIGHWAY STANDARD 424001 AT ALL STREET CROSSINGS.

<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 331-6700 © COPYRIGHT 2005 FAX (708) 331-3826 ILLINOIS DESIGN FIRM REGISTRATION NO. 164001128.		<b>REVISIONS</b> No. Date Remarks	
<b>GENERAL NOTES</b> <b>PENNSY GREENWAY BIKE PATH</b>			
<b>LANSING, ILLINOIS</b>			
Drawn by: LTL	Date: 7/22/05		
Checked by: JP	Scale: N/A		
Sheet 003 of 080	Project No. 03-365.02		

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	004
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

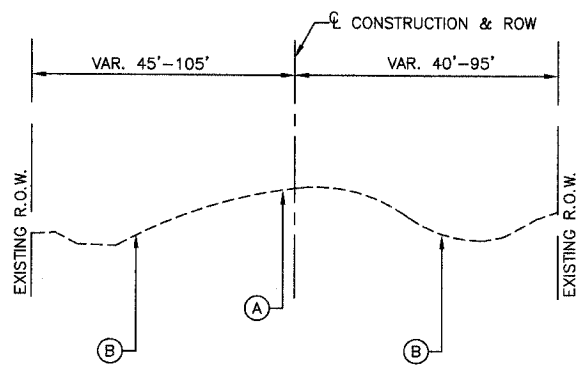
SUMMARY OF QUANTITIES				Y052	
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	
	20200100	EARTH EXCAVATION	CU YD	11320	
	20100500	TREE REMOVAL, ACRES	ACRE	3	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	
	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	200	
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	49000	
*	25000200	SEEDING, CLASS 2	ACRE	10.1	
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	910	
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	910	
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	910	
*	25100630	EROSION CONTROL BLANKET	SQ YD	49000	
	28000400	PERIMETER EROSION BARRIER	FOOT	24200	
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	16150	
	35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	12	
	40500100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8075	
	42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	15	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	800	
	44003100	MEDIAN REMOVAL	SQ FT	275	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	110	
	60611600	COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)	FOOT	160	
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	110	
	67100100	MOBILIZATION	L SUM	1	
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	120	
*	73000100	WOOD SIGN SUPPORT	FOOT	204	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	670	
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	6	
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	
*	81000400	CONDUIT IN TRENCH, 1 1/4" DIA., GALVANIZED STEEL	FOOT	2400	
*	81018300	CONDUIT PUSHED, 1 1/4" DIA., GALVANIZED STEEL	FOOT	500	
*	81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	144	
*	85800100	FLASHER CONTROLLER	EACH	6	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3044	
*	D2003724	EVERGREEN, THUJA OCCIDENTALIS (AMERICAN ARBORVITAE), 2' HEIGHT, BALLED AND BURLAPPED	EACH	620	
*	X0323319	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	12	
*	X0324056	REMOVAL OF EXISTING WOOD BOLLARDS	EACH	3	
*	X0350805	FOLD DOWN BOLLARDS	EACH	13	
	X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	1860	
	Z0064600	SELECTIVE CLEARING	ACRE	3	
Δ	Z0076600	TRAINEES	HOUR	500	
	42400800	DETECTABLE WARNINGS	SQ FT	256	

Δ = Y080

\* - INDICATES SPECIALTY ITEMS

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SUMMARY OF QUANTITIES PENNSY GREENWAY BIKE PATH																																			
<b>LANSING, ILLINOIS</b>																																			
Drawn by: LTL Checked by: JP Sheet 004 of 080	Date: 7/22/05 Scale: N/A Project No. 03-365.02																																		

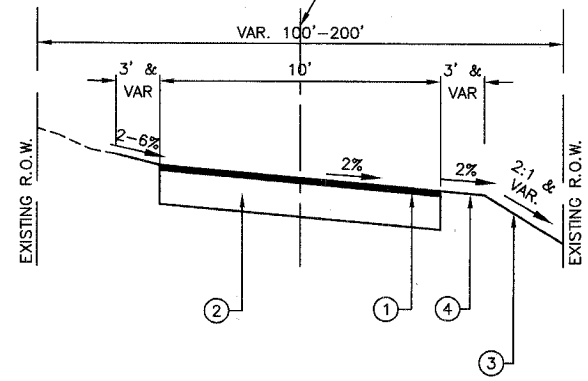
**CONTRACT NO. 83811**



**EXISTING TYPICAL CROSS SECTION**

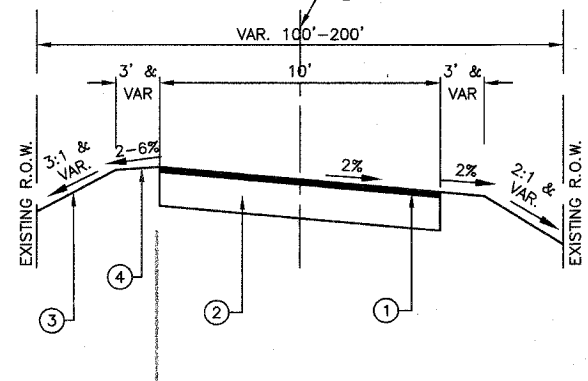
**EARTHWORK QUANTITIES (CU YD)**

	STA. 10+00 TO STA. 48+23.39	STA. 80+00 TO STA. 125+16.89	STA. 150+00 TO STA. 211+96.32
TOTAL CUT	1,190	7,750	2,370
TOTAL FILL	1,370	400	1,110
UNSUITABLE	100	0	0
CUT TO FILL	-180	7,350	1,260



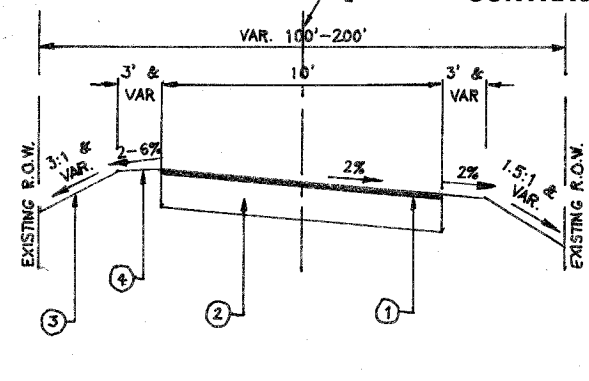
**PROPOSED TYPICAL CROSS SECTION**

STA. 10+00 TO STA. 39+75  
 STA. 45+25 TO STA. 48+23.39  
 STA. 80+00 TO STA. 89+25  
 STA. 92+25 TO STA. 105+75  
 STA. 164+25 TO STA. 164+75  
 STA. 166+75 TO STA. 182+75  
 STA. 189+75 TO STA. 197+25  
 STA. 204+75 TO STA. 208+75



**PROPOSED TYPICAL CROSS SECTION**

STA. 39+75 TO STA. 45+25  
 STA. 89+25 TO STA. 92+25  
 STA. 105+75 TO STA. 125+16.89  
 STA. 150+00 TO STA. 155+25  
 STA. 163+25 TO STA. 164+25  
 STA. 164+75 TO STA. 166+75  
 STA. 182+75 TO STA. 189+75  
 STA. 197+25 TO STA. 204+75

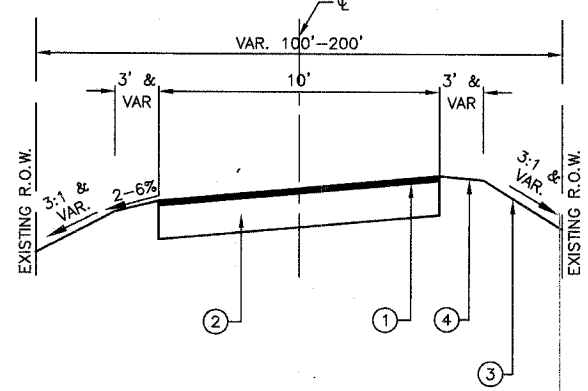


**PROPOSED TYPICAL CROSS SECTION**

STA. 208+75 TO STA. 211+96.32

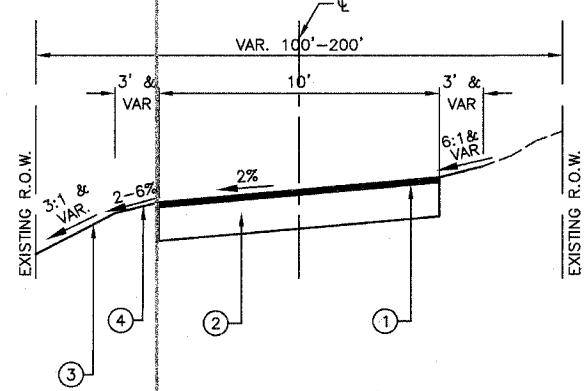
**LEGEND**

- ① BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50-2"
- ② AGGREGATE BASE COURSE, TYPE B 6"
- ③ SEEDING, CLASS 2 WITH FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKETS
- ④ TOPSOIL FURNISH AND PLACE, 4"
- Ⓐ EXISTING RAILROAD BALLAST
- Ⓑ EXISTING TREES AND BRUSH



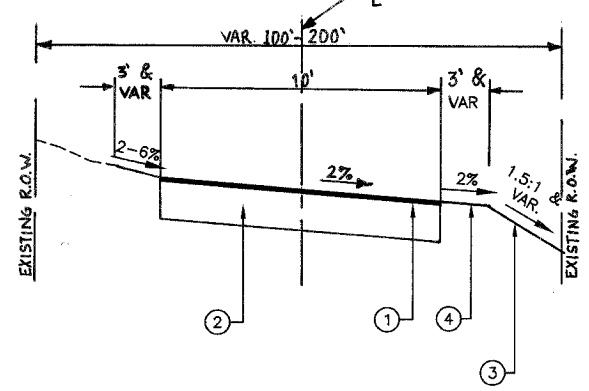
**PROPOSED TYPICAL CROSS SECTION**

STA. 155+25 TO STA. 157+75



**PROPOSED TYPICAL CROSS SECTION**

STA. 157+75 TO STA. 163+25



**PROPOSED TYPICAL CROSS SECTION**

STA. 189+75 TO STA. 197+25

**MIX SCHEDULE**

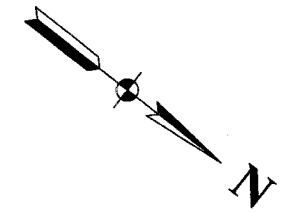
MIX TYPE	AC TYPE	VOIDS	RAP %
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C" N50	PG 64-22	4% @ 50 GYR	15

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURES IS 112 LBS/SQ YD/IN

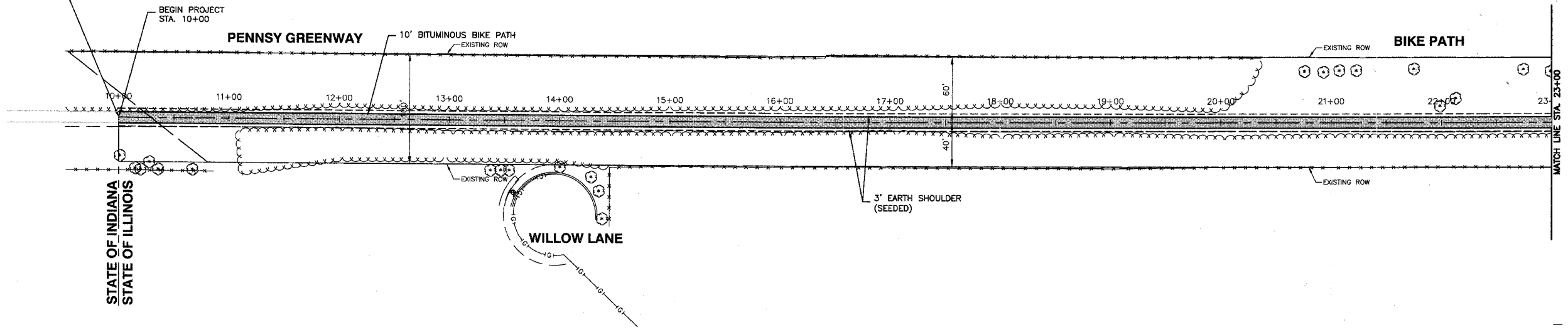
<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 391-6700 FAX (708) 331-3828 © COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 164001128		<b>REVISIONS</b> <table border="1"> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Date	Remarks												
No.	Date	Remarks															
<b>TYPICAL CROSS SECTIONS          PENNSY GREENWAY BIKE PATH</b>																	
<b>LANSING, ILLINOIS</b>		Drawn by: LTL Date: 7/22/05 Checked by: JP Scale: N/A Sheet 005 of 080 Project No. 03-365.02															

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	006
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



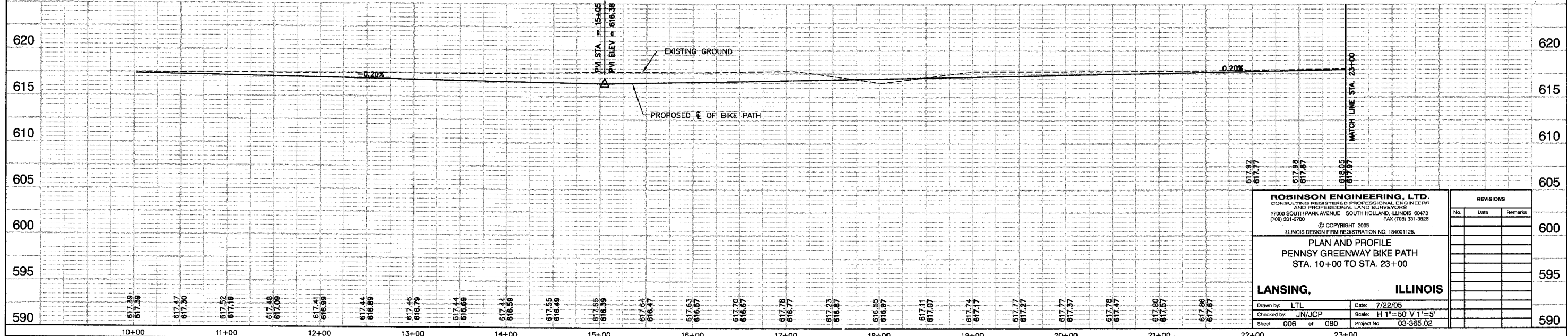
THE INDIANA EXTENSION OF THIS PATH WILL BE CONSTRUCTED BY THE TOWN OF MUNSTER



**LEGEND**

- EXISTING DITCH @
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

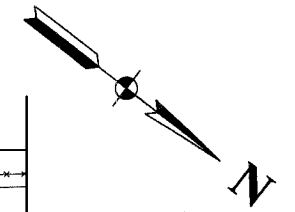
**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473 (708) 331-6700 FAX (708) 331-3826 © COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Date	Remarks																																				
No.	Date	Remarks																																								
<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> <b>STA. 10+00 TO STA. 23+00</b>																																										
<b>LANSING, ILLINOIS</b>		Drawn by: LTL Date: 7/22/05 Checked by: JN/JCP Scale: H 1"=50' V 1"=5' Sheet 006 of 080 Project No. 03-365.02																																								

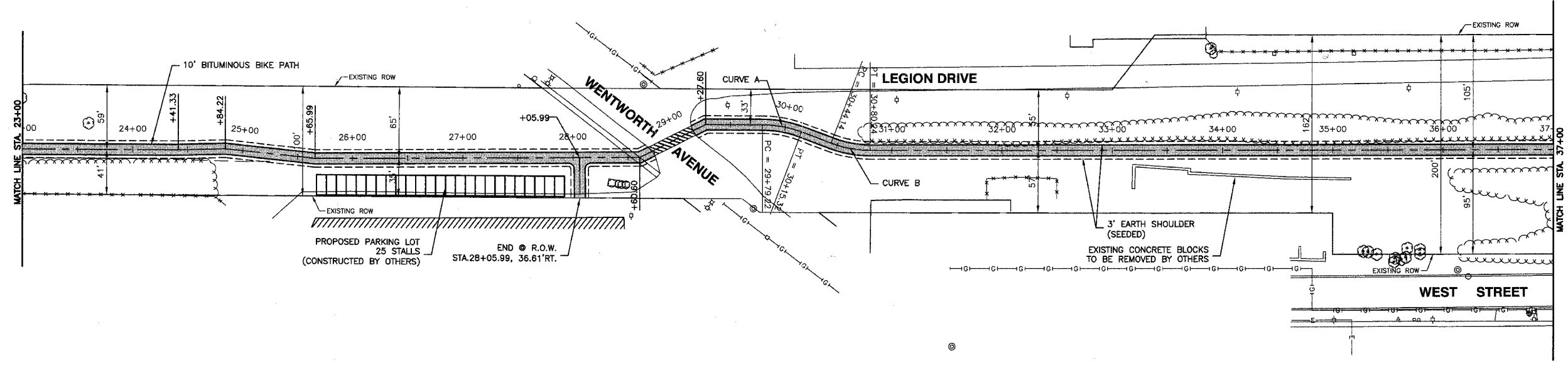
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	03-P4045-01-BT	COOK	080	007
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**CURVE A**  
 PC = STA.29+79.22  
 PT = STA.30+15.32  
 R = 100'  
 L = 36'

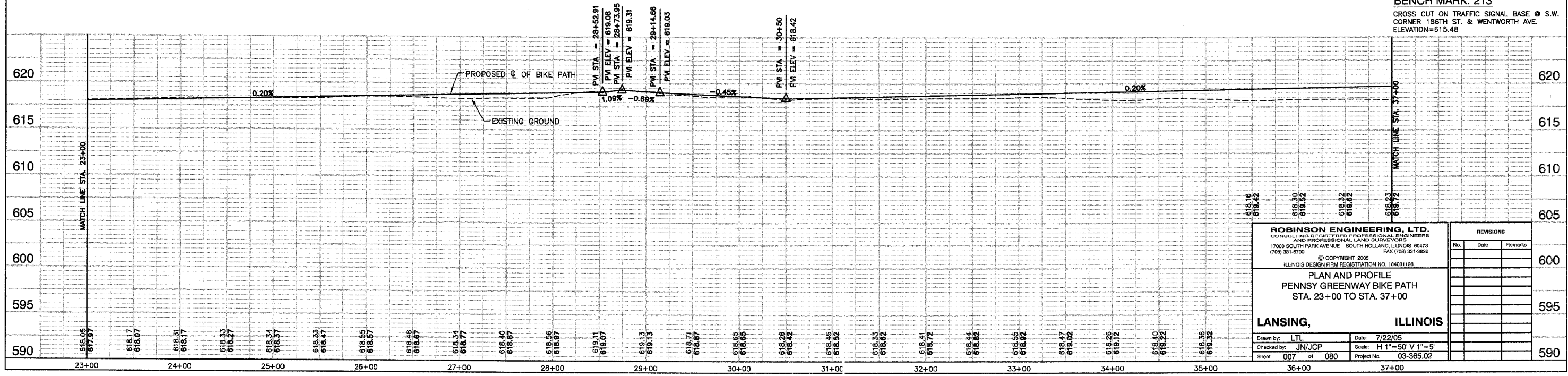
**CURVE B**  
 PC = STA.30+44.14  
 PT = STA.30+80.24  
 R = 100'  
 L = 36'



**LEGEND**

- EXISTING DITCH @
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 381-6700 FAX (708) 381-3825		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Date	Remarks																														
No.	Date	Remarks																																		
© COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128		<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> STA. 23+00 TO STA. 37+00																																		
<b>LANSING, ILLINOIS</b>		Drawn by: LTL Date: 7/22/05 Checked by: JN/JCP Scale: H 1"=50' V 1"=5' Sheet: 007 of 080 Project No.: 03-365.02																																		

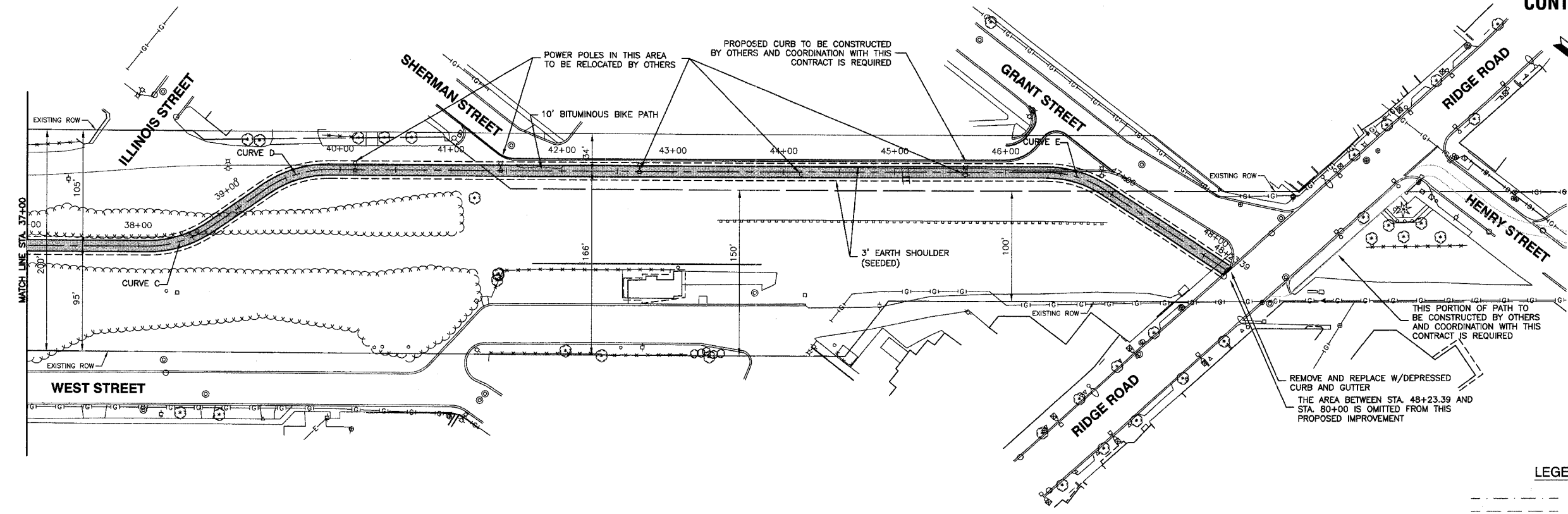
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**

**CURVE C**  
 PC = STA. 38+08.17  
 PT = STA. 38+68.99  
 R = 100'  
 L = 61'

**CURVE D**  
 PC = STA. 39+29.54  
 PT = STA. 39+90.34  
 R = 100'  
 L = 61'

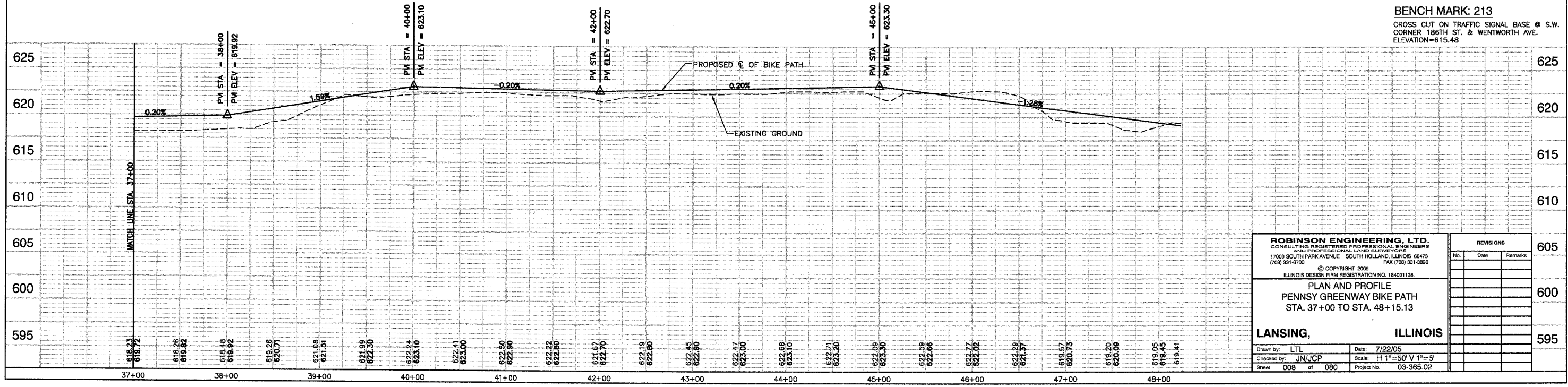
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 PC = STA. 46+35.76  
 PT = STA. 46+94.35  
 R = 100'  
 L = 59'



**LEGEND**

	EXISTING DITCH @
	EXISTING TOP OF BANK
	EXISTING FENCE
	EXISTING BUSH / HEDGE LINE
	EXISTING TREE LINE
	EXISTING RIGHT OF WAY
	PROPOSED BIKE PATH CENTERLINE
	3' EARTH SHOULDER (SEEDED)
	PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE. ELEVATION=615.48

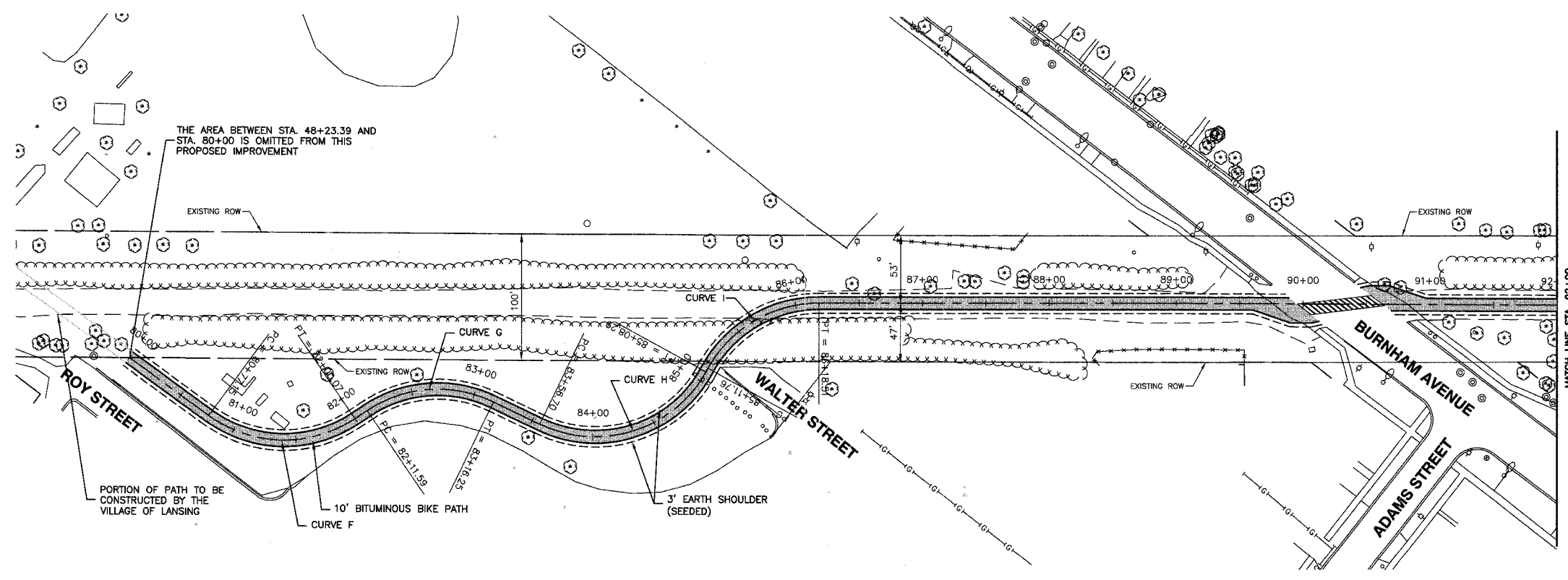
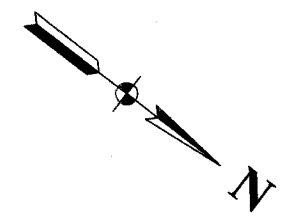


<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 931-6700 FAX (708) 931-3828 © COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Date	Remarks																														
No.	Date	Remarks																																	
<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> STA. 37+00 TO STA. 48+15.13		605 600 595																																	
<b>LANSING, ILLINOIS</b> Drawn by: LTL Date: 7/22/05 Checked by: JN/JCP Scale: H 1"=50' V 1"=5' Sheet: 008 of 080 Project No: 03-365.02		605 600 595																																	



F.A.U. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	009
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

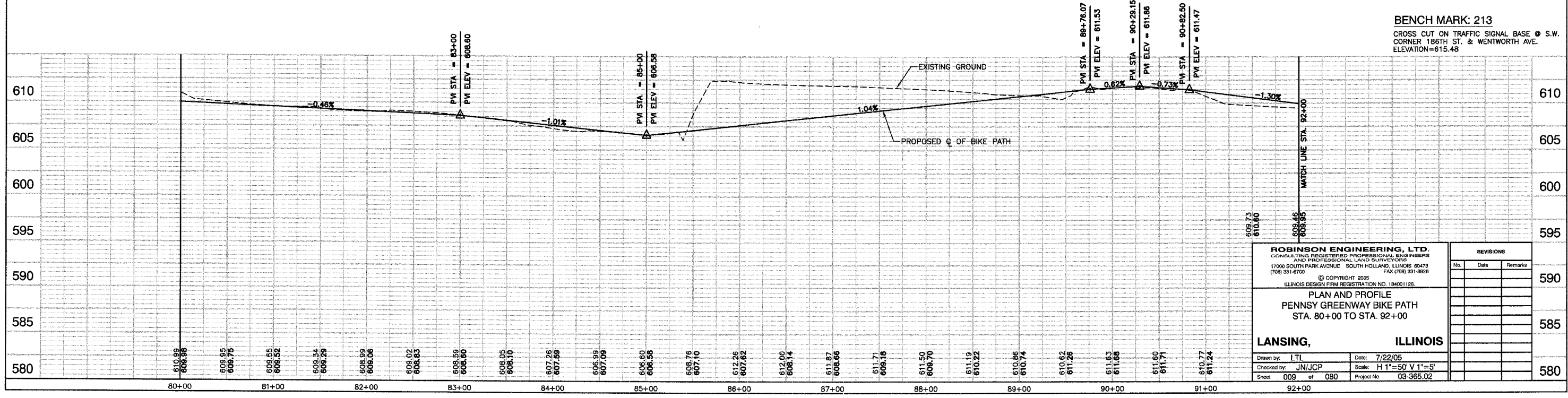


<b>CURVE F</b> PC = STA.80+77.15 PT = STA.82+00.07 R = 100' L = 123'	<b>CURVE G</b> PC = STA.82+11.59 PT = STA.83+16.25 R = 100' L = 100'	<b>CURVE H</b> PC = STA.83+56.70 PT = STA.85+08.29 R = 100' L = 152'	<b>CURVE I</b> PC = STA.85+11.76 PT = STA.86+18.51 R = 100' L = 107'
--	--	--	--

**LEGEND**

	EXISTING DITCH @
	EXISTING TOP OF BANK
	EXISTING FENCE
	EXISTING BUSH / HEDGE LINE
	EXISTING TREE LINE
	EXISTING RIGHT OF WAY
	PROPOSED BIKE PATH CENTERLINE
	3' EARTH SHOULDER (SEEDED)
	PROPOSED BIT. BIKE PATH

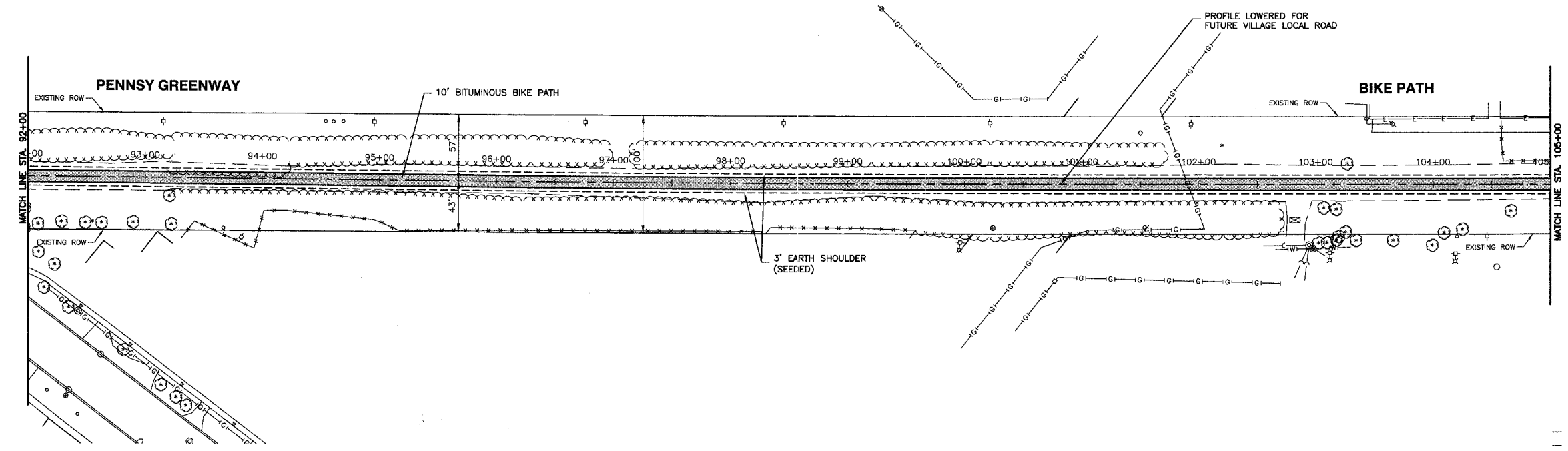
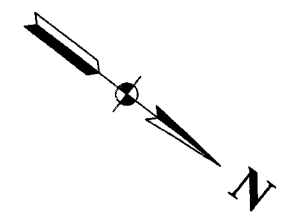
**BENCH MARK: 213**  
CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE. ELEVATION=615.48



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No.	Date	Remarks												
<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> STA. 80+00 TO STA. 92+00		590 585 580												
<b>LANSING, ILLINOIS</b> Drawn by: LTL Date: 7/22/05 Checked by: JN/JCP Scale: H 1"=50' V 1"=5' Sheet 009 of 080 Project No. 03-365.02	580													

F.A.L. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

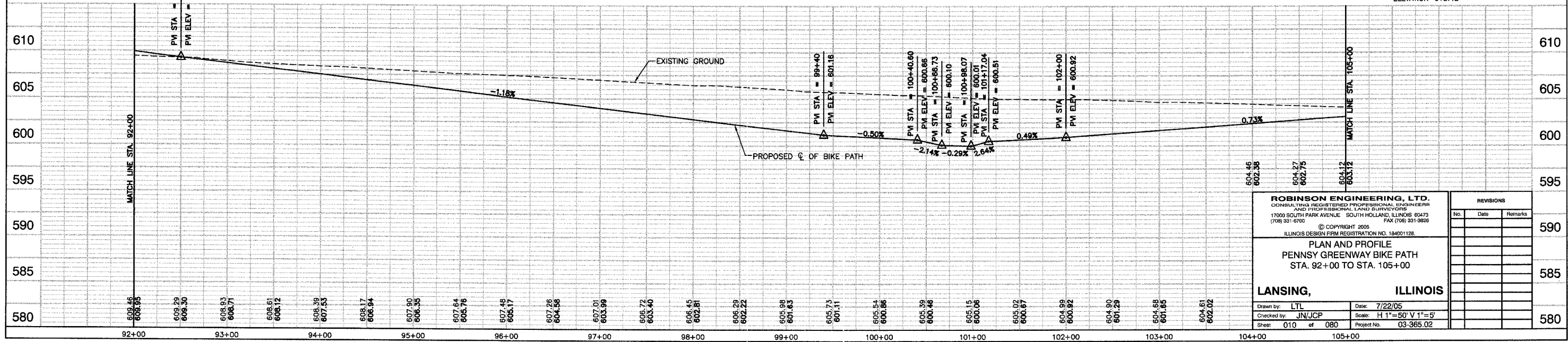
**CONTRACT NO. 83811**



**LEGEND**

	EXISTING DITCH @
	EXISTING TOP OF BANK
	EXISTING FENCE
	EXISTING BUSH / HEDGE LINE
	EXISTING TREE LINE
	EXISTING RIGHT OF WAY
	PROPOSED BIKE PATH CENTERLINE
	3' EARTH SHOULDER (SEEDED)
	PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



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 (708) 581-6700 FAX (708) 531-9828  
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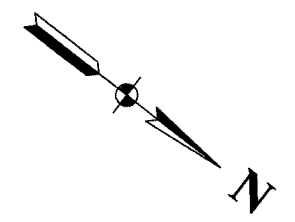
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Drawn by: LTL Date: 7/22/05  
 Checked by: JN/JCP Scale: H 1"=50' V 1"=5'  
 Sheet: 010 of 080 Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks

FAA. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	011
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**

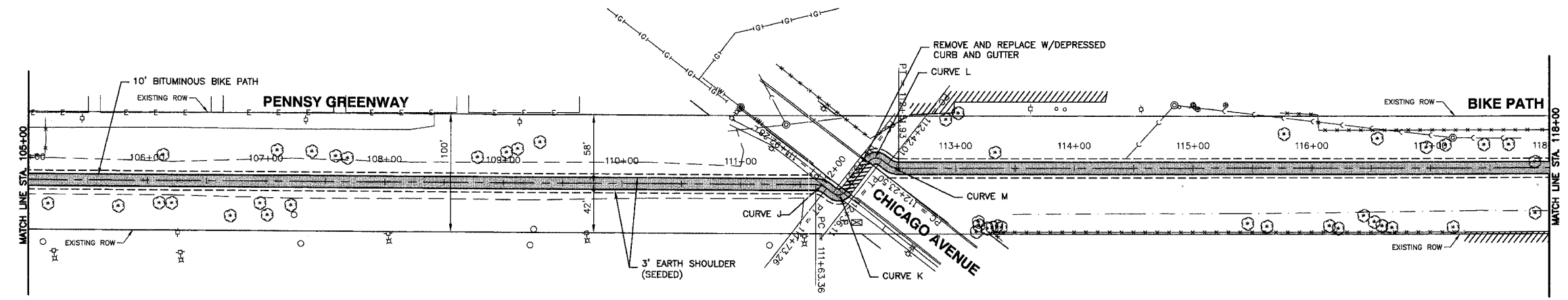


**CURVE J**  
 PC = STA.111+63.36  
 PT = STA.111+73.26  
 R = 15'  
 L = 10'

**CURVE K**  
 PC = STA.111+79.67  
 PT = STA.111+92.38  
 R = 8'  
 L = 13'

**CURVE L**  
 PC = STA.112+23.50  
 PT = STA.112+36.11  
 R = 8'  
 L = 13'

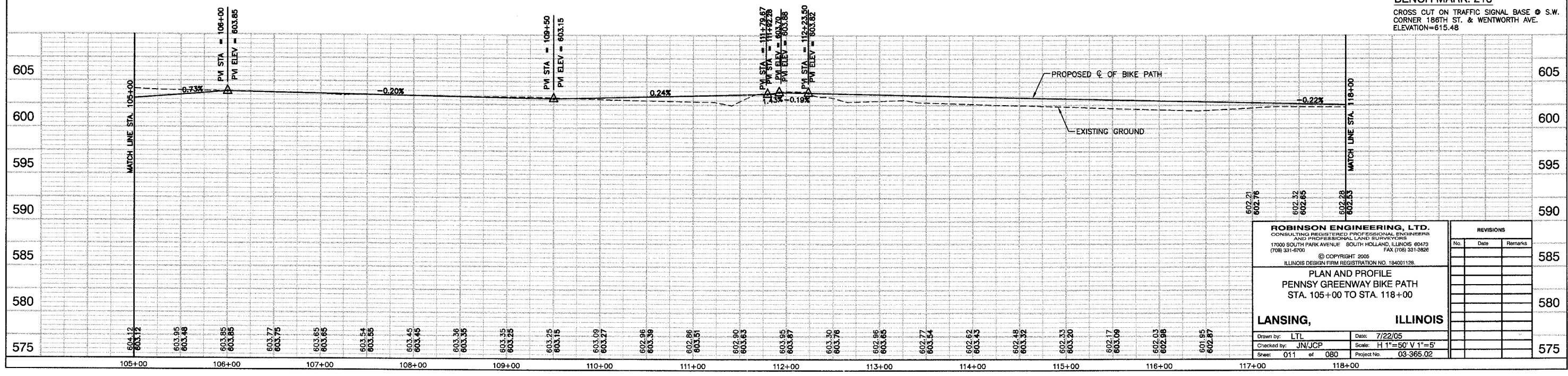
**CURVE M**  
 PC = STA.112+42.01  
 PT = STA.112+51.93  
 R = 15'  
 L = 10'



**LEGEND**

- EXISTING DITCH @
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



**ROBINSON ENGINEERING, LTD.**  
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 (708) 531-6700 FAX (708) 531-3828  
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**PLAN AND PROFILE**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 105+00 TO STA. 118+00

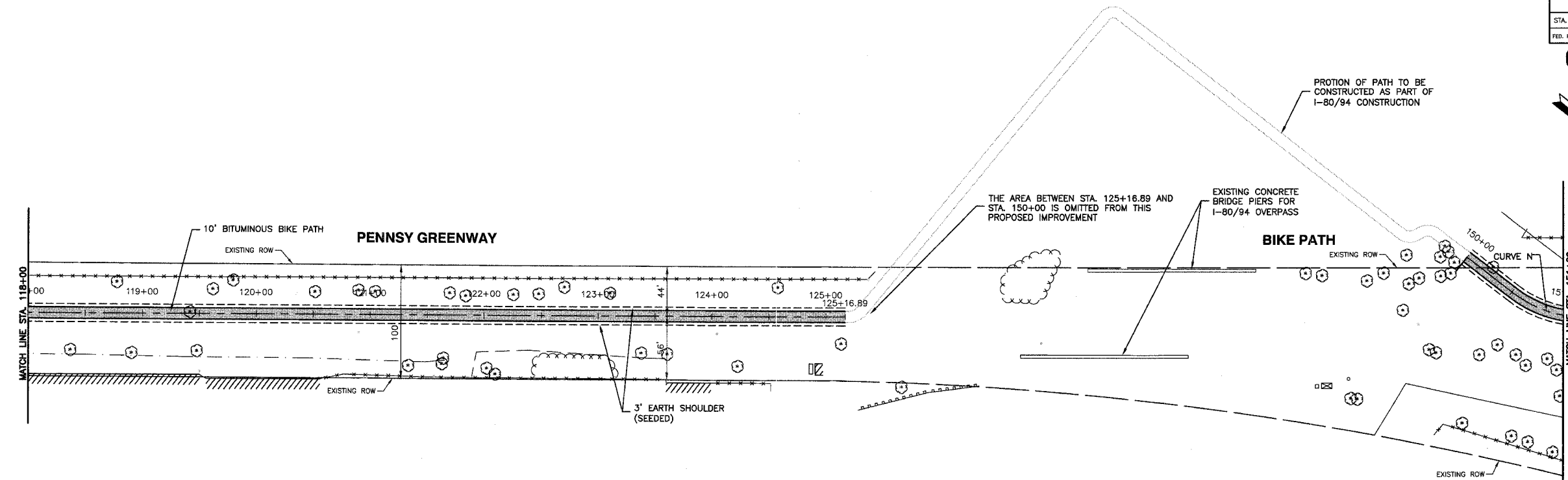
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JN/JCP Scale: H 1"=50' V 1"=5'  
 Sheet: 011 of 080 Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	012	
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

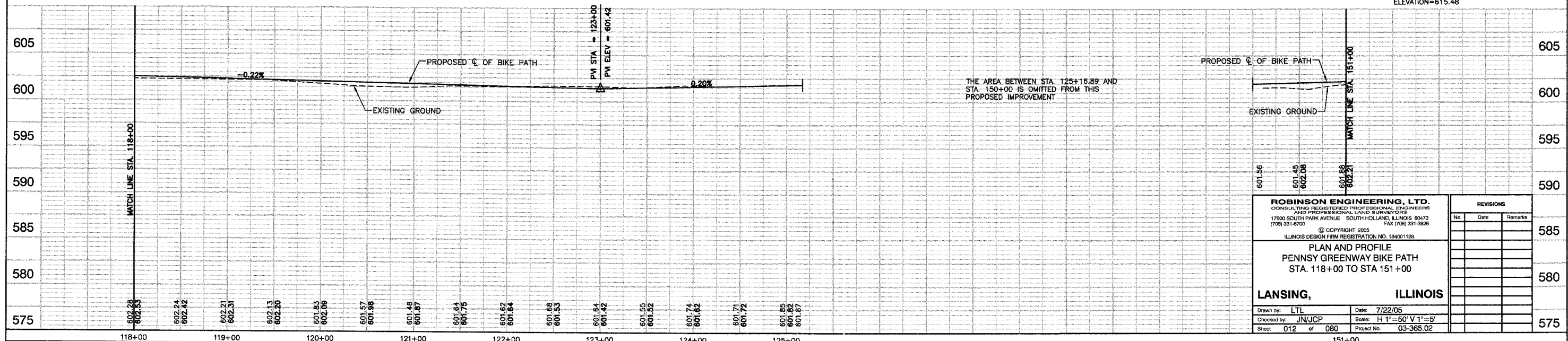


**CURVE N**  
 PC = STA.150+51.73  
 PT = STA.151+17.86  
 R = 100'  
 L = 66'

**LEGEND**

- EXISTING DITCH &
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 185TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



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**PLAN AND PROFILE**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 118+00 TO STA 151+00

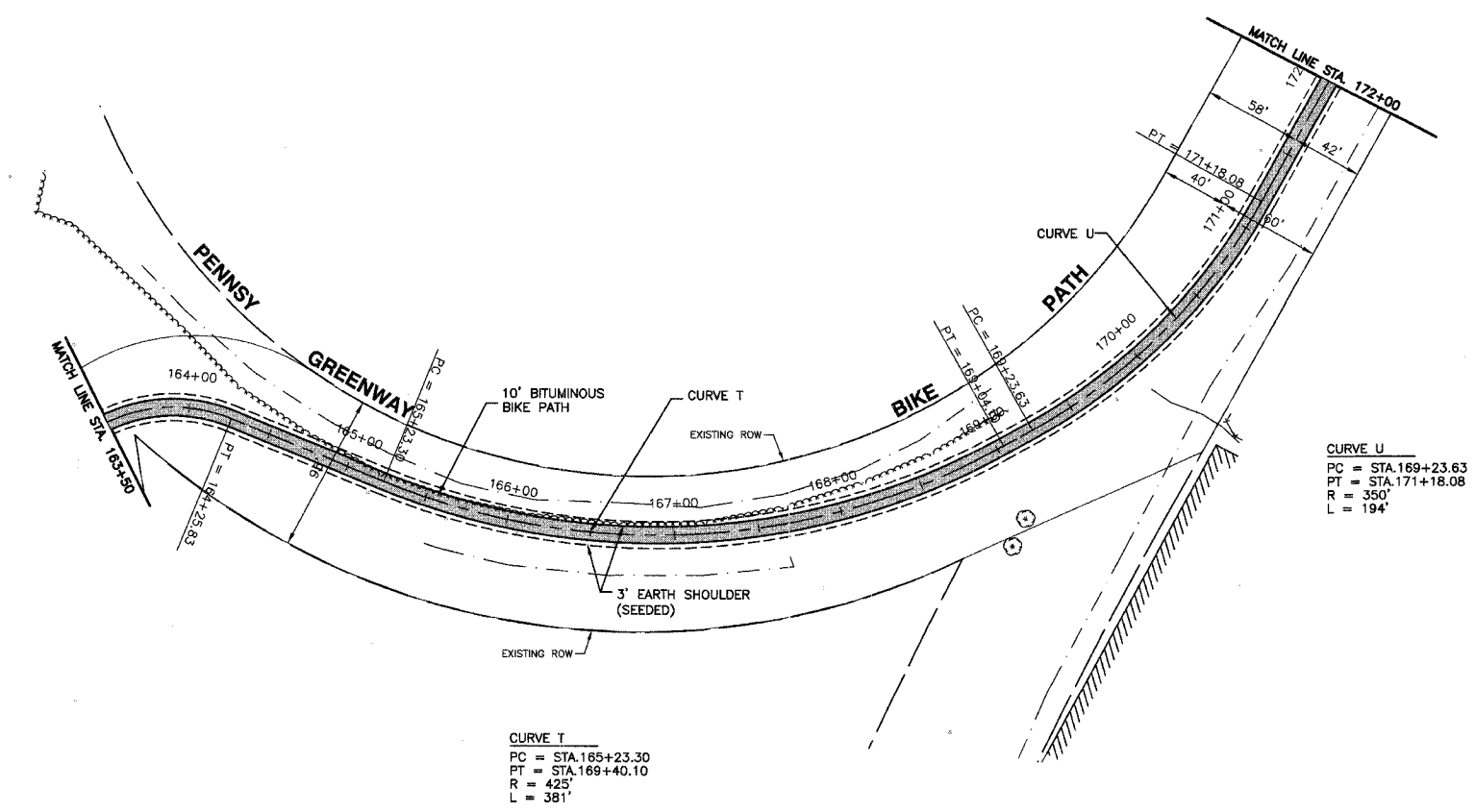
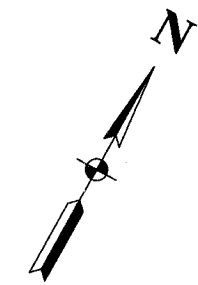
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 Checked by: JN/JCP Scale: H 1"=50' V 1"=5'  
 Sheet 012 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

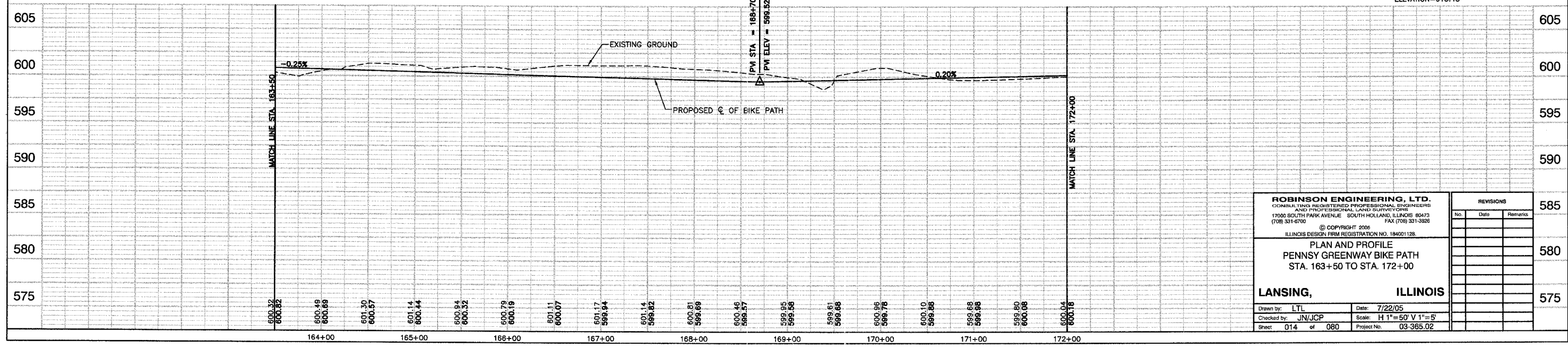
**CONTRACT NO. 83811**



**LEGEND**

- EXISTING DITCH &
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

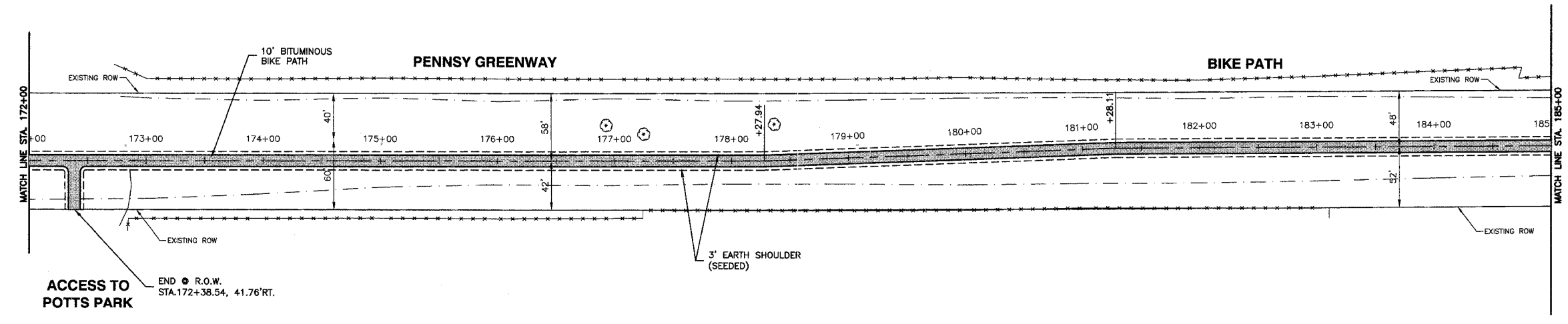
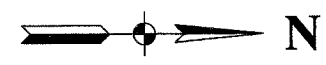
**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 80473 (708) 331-6700 FAX (708) 331-3826		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Date	Remarks															
No.	Date	Remarks																			
© COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.		<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> STA. 163+50 TO STA. 172+00																			
<b>LANSING, ILLINOIS</b>		575																			
Drawn by: LTL Checked by: JN/JCP Sheet 014 of 080	Date: 7/22/05 Scale: H 1"=50' V 1"=5' Project No. 03-365.02	580 585																			

FAUL. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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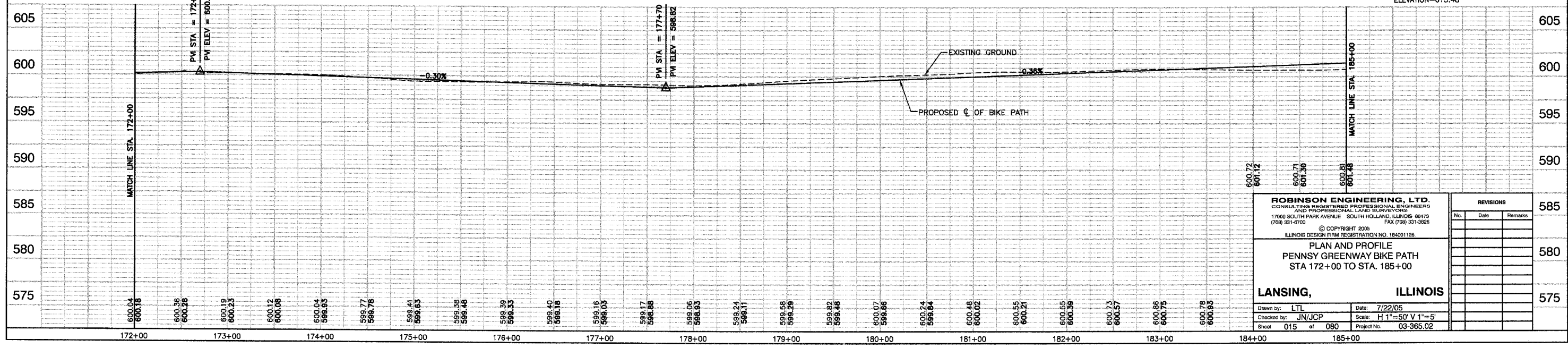
**CONTRACT NO. 83811**



**LEGEND**

	EXISTING DITCH C/L
	EXISTING TOP OF BANK
	EXISTING FENCE
	EXISTING BUSH / HEDGE LINE
	EXISTING TREE LINE
	EXISTING RIGHT OF WAY
	PROPOSED BIKE PATH CENTERLINE
	3' EARTH SHOULDER (SEEDED)
	PROPOSED BIT. BIKE PATH

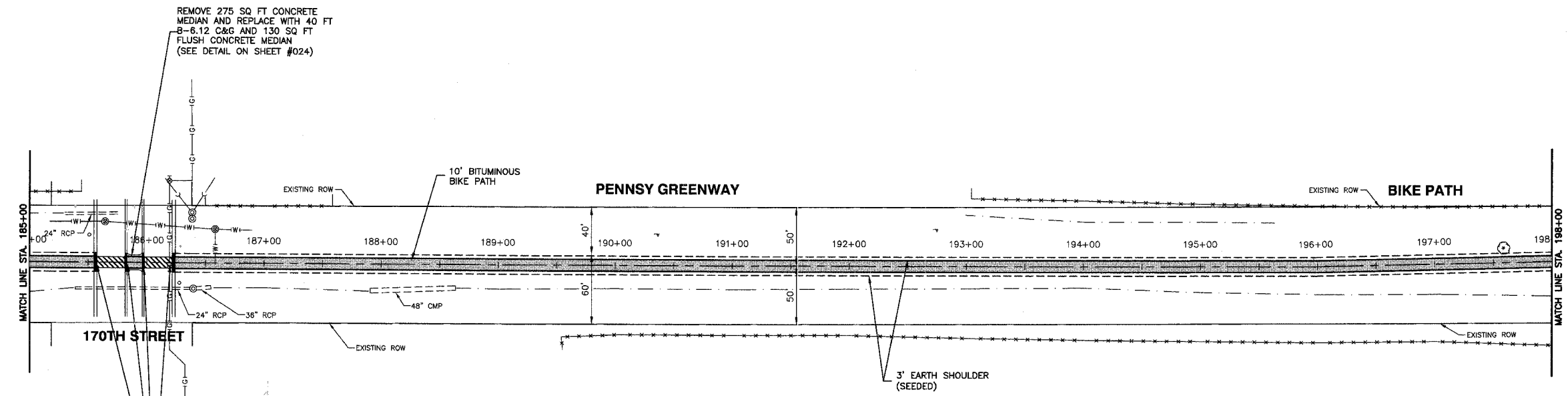
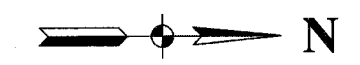
**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



<b>ROBINSON ENGINEERING, LTD.</b> <small>CONSULTING REGISTERED PROFESSIONAL ENGINEERS        AND PROFESSIONAL LAND SURVEYORS        1700 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473        (708) 531-6700 FAX (708) 531-3626</small>		<small>© COPYRIGHT 2005        ILLINOIS DESIGN FIRM REGISTRATION NO. 184001126</small>	
<b>PLAN AND PROFILE        PENNSY GREENWAY BIKE PATH        STA 172+00 TO STA. 185+00</b>			
<b>LANSING, ILLINOIS</b>		<b>REVISIONS</b>	
Drawn by: LTL	Date: 7/22/05	No.	Date
Checked by: JN/JCP	Scale: H 1"=50' V 1"=5'	Remarks	
Sheet 015 of 080	Project No: 03-365.02		

FAUL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	016
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

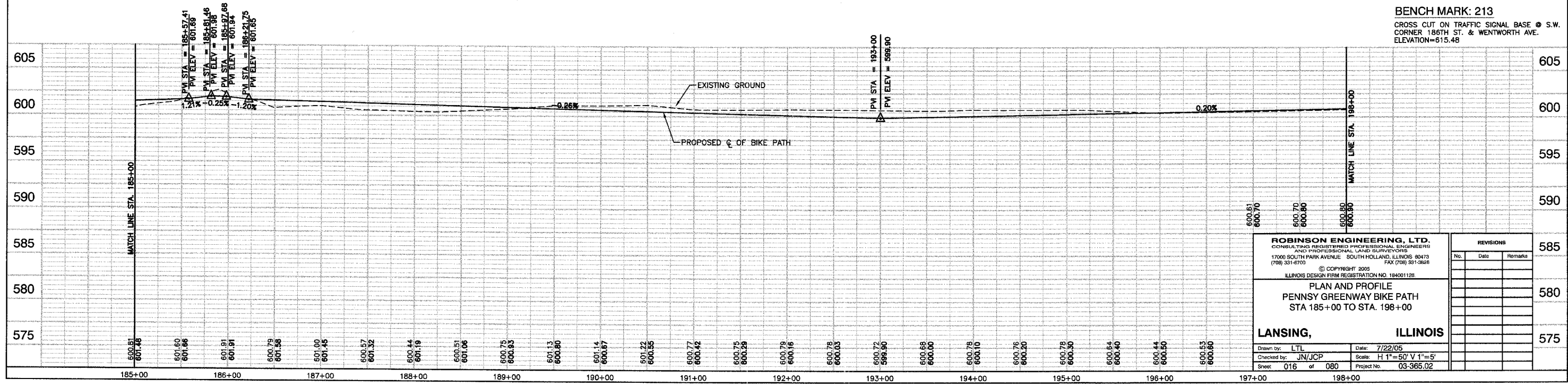
**CONTRACT NO. 83811**



**LEGEND**

- EXISTING DITCH
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING BUSH / HEDGE LINE
- EXISTING TREE LINE
- EXISTING RIGHT OF WAY
- PROPOSED BIKE PATH CENTERLINE
- 3' EARTH SHOULDER (SEEDED)
- PROPOSED BIT. BIKE PATH

**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48

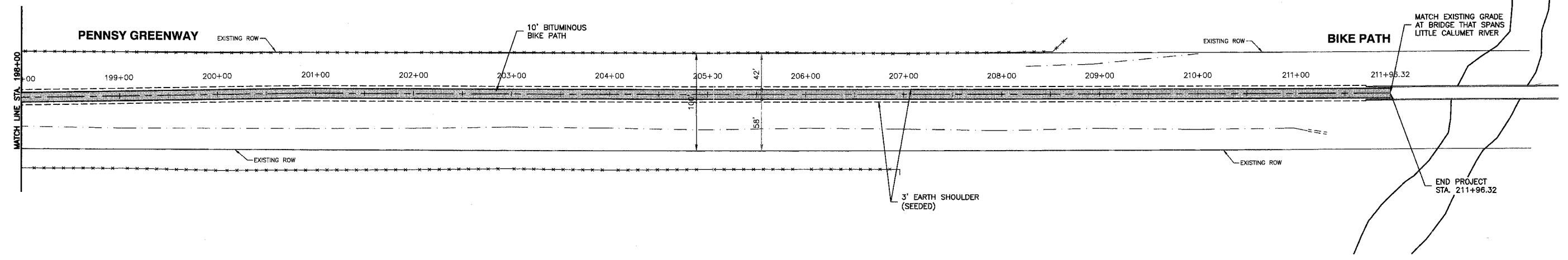


<b>ROBINSON ENGINEERING, LTD.</b> <small>CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS          17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473          (708) 331-6700 FAX (708) 331-3828</small>		<small>© COPYRIGHT 2005          ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128</small>																																					
<b>PLAN AND PROFILE          PENNSY GREENWAY BIKE PATH          STA 185+00 TO STA. 198+00</b>																																							
<b>LANSING, ILLINOIS</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		REVISIONS			No.	Date	Remarks																														
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<small>Drawn by: LTL Date: 7/22/05</small>		<small>Checked by: JN/JCP Scale: H 1"=50' V 1"=5'</small>																																					
<small>Sheet: 016 of 080</small>		<small>Project No: 03-365.02</small>																																					



FAA: 03-P4045-01-BT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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STA. 198+00		TO STA. 211+96.32		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

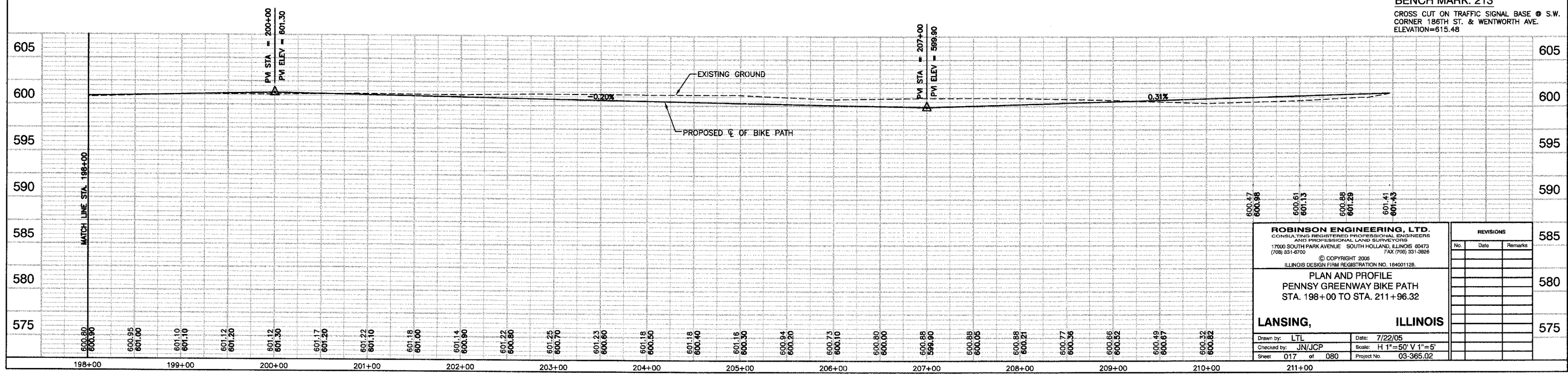
**CONTRACT NO. 83811**



**LEGEND**

	EXISTING DITCH C
	EXISTING TOP OF BANK
	EXISTING FENCE
	EXISTING BUSH / HEDGE LINE
	EXISTING TREE LINE
	EXISTING RIGHT OF WAY
	PROPOSED BIKE PATH CENTERLINE
	3' EARTH SHOULDER (SEEDED)
	PROPOSED BIT. BIKE PATH

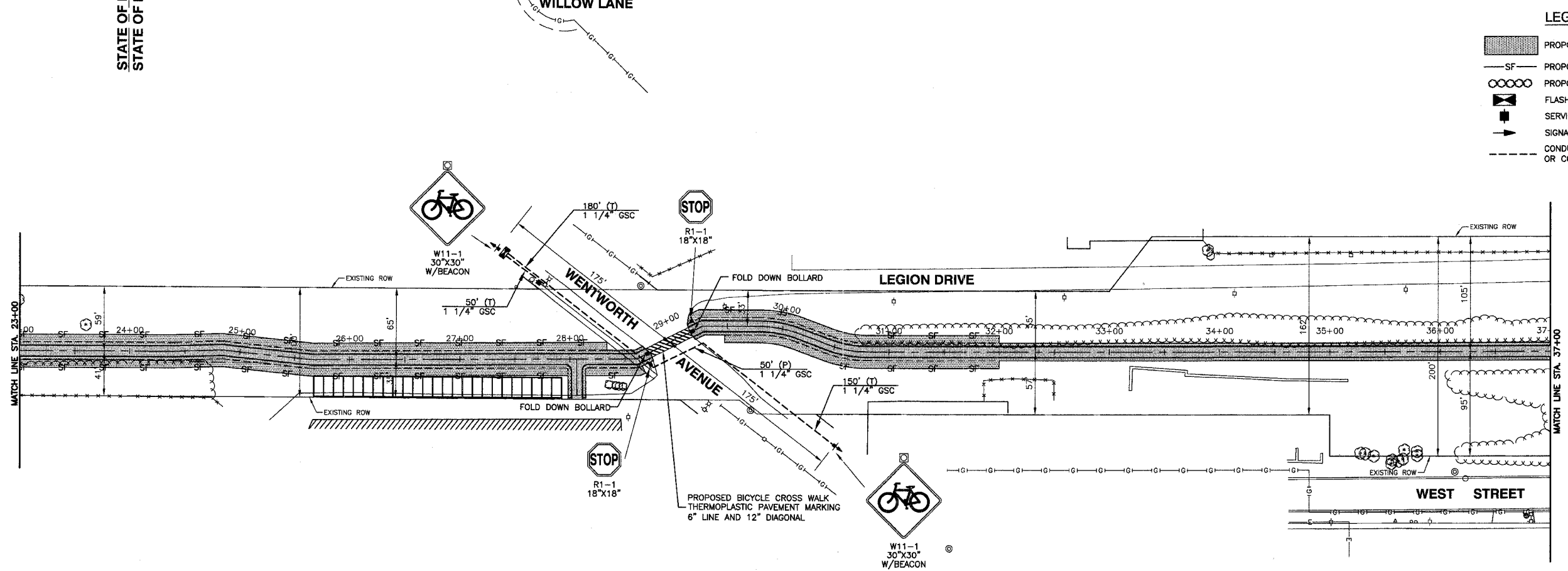
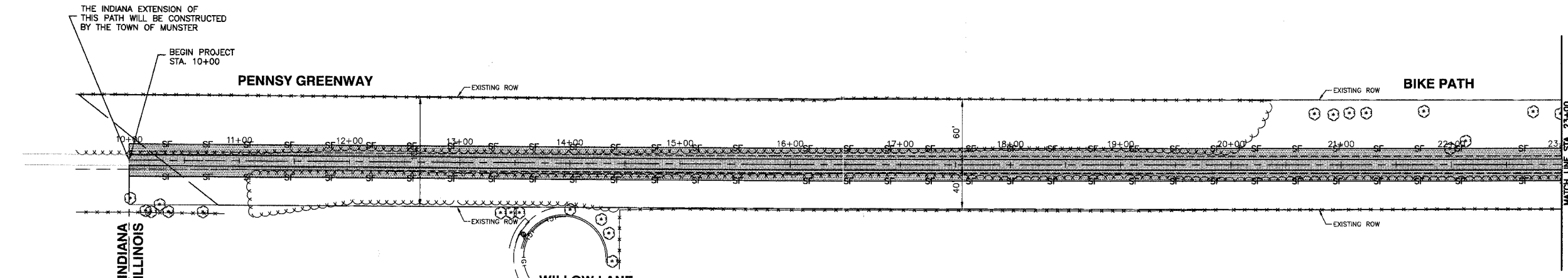
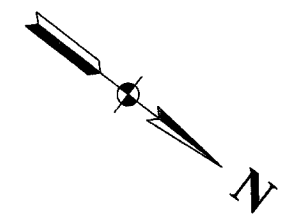
**BENCH MARK: 213**  
 CROSS CUT ON TRAFFIC SIGNAL BASE @ S.W. CORNER 186TH ST. & WENTWORTH AVE.  
 ELEVATION=615.48



<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 331-6700 FAX (708) 331-3826 © COPYRIGHT 2006 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128		<b>REVISIONS</b> <table border="1"> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Date	Remarks									
No.	Date	Remarks												
<b>PLAN AND PROFILE</b> <b>PENNSY GREENWAY BIKE PATH</b> STA. 198+00 TO STA. 211+96.32		585 580 575												
<b>LANSING, ILLINOIS</b> Drawn by: LTL Date: 7/22/05 Checked by: JN/JCP Scale: 1" = 50' V 1" = 5' Sheet: 017 of 080 Project No: 03-365.02	585 580 575													

F.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	018
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**LEGEND**

- PROPOSED EROSION CONTROL BLANKET
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED HEDGE LINE
- FLASHER CONTROLLER
- SERVICE INSTALLATION, POLE MOUNTED
- SIGNAL HEAD BEACON
- CONDUIT IN TRENCH, 1 1/4" DIA. GALVANIZED STEEL (T) OR CONDUIT PUSHED, 1 1/4" DIA. GALVANIZED STEEL (P)

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**SIGNAGE AND EROSION CONTROL PLAN**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 10+00 TO STA. 37+00**

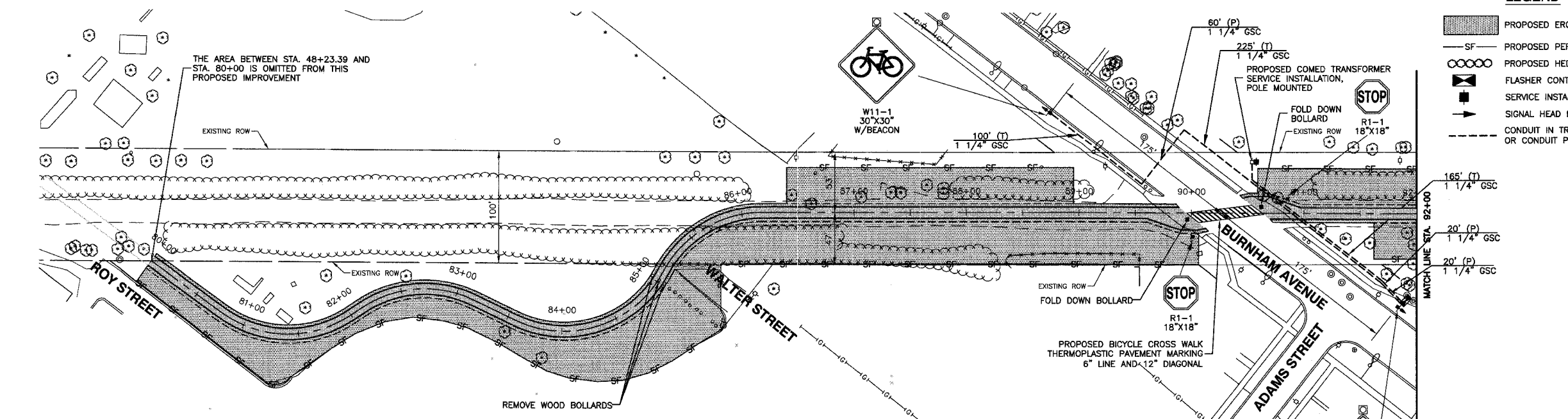
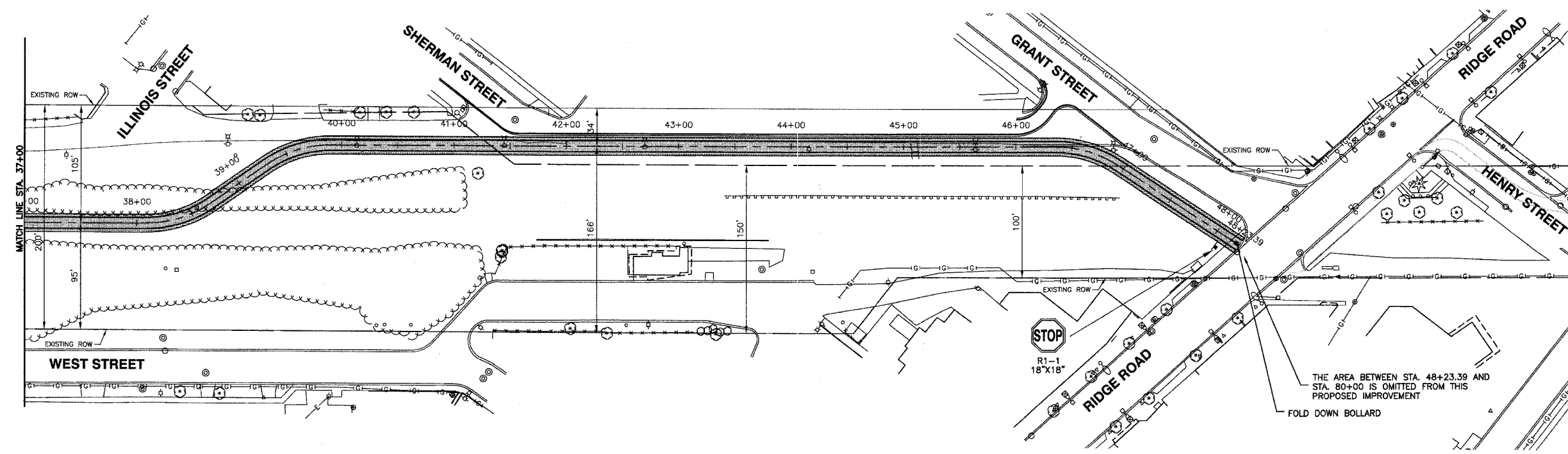
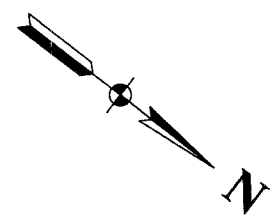
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Drawn by: LTL Date: 7/22/05  
Checked by: JN/JCP Scale: 1"=50'  
Sheet 018 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	019
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**



- LEGEND**
- PROPOSED EROSION CONTROL BLANKET
  - PROPOSED PERIMETER EROSION BARRIER
  - PROPOSED HEDGE LINE
  - FLASHER CONTROLLER
  - SERVICE INSTALLATION, POLE MOUNTED
  - SIGNAL HEAD BEACON
  - CONDUIT IN TRENCH, 1 1/4" DIA. GALVANIZED STEEL (T) OR CONDUIT PUSHED, 1 1/4" DIA. GALVANIZED STEEL (P)

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**SIGNAGE AND EROSION CONTROL PLAN**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 37+00 TO STA. 92+00**

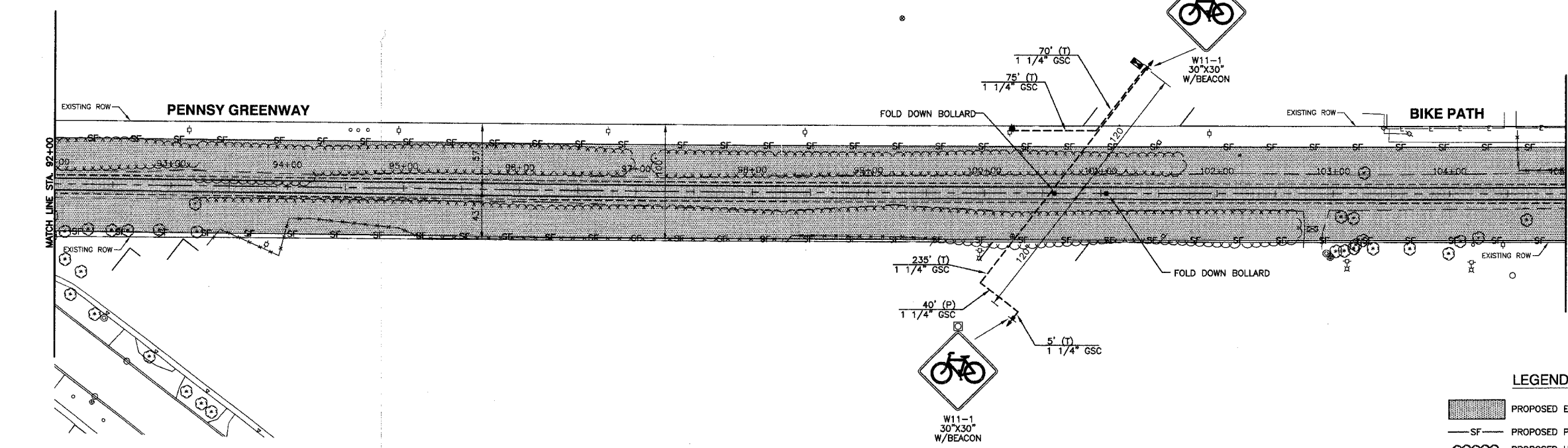
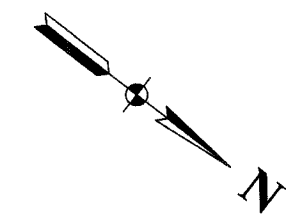
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Drawn by: LTL Date: 7/22/05  
Checked by: JN/JCP Scale: 1"=50'  
Sheet 019 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

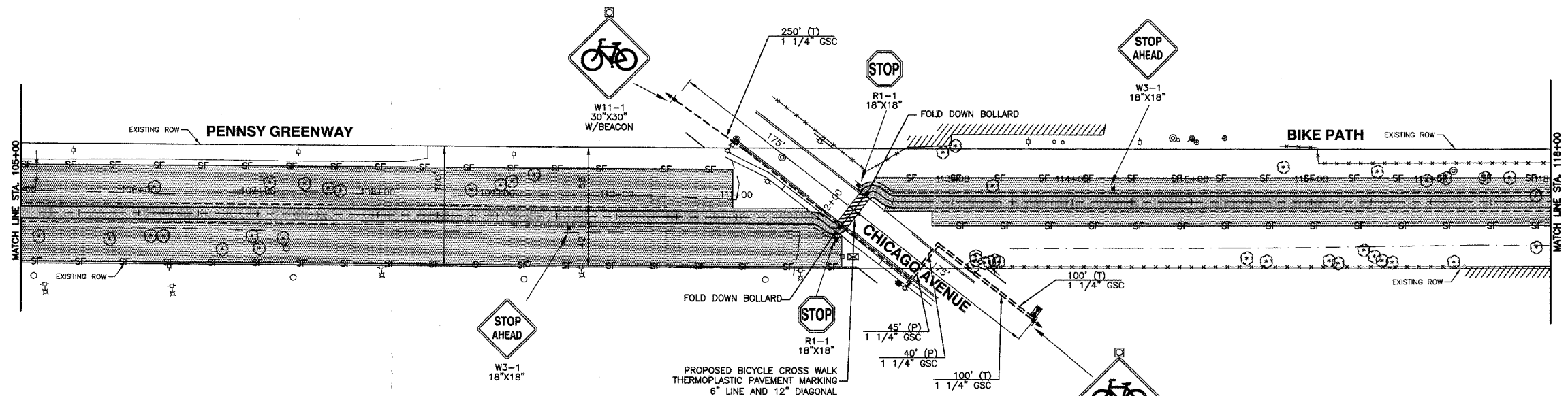
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**LEGEND**

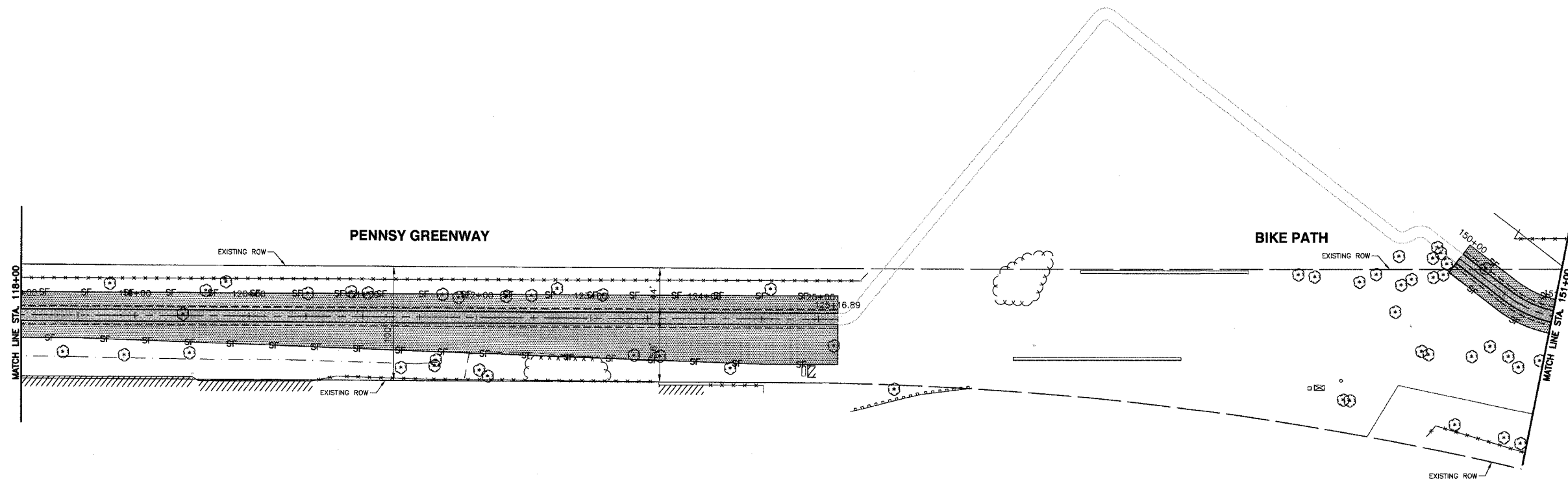
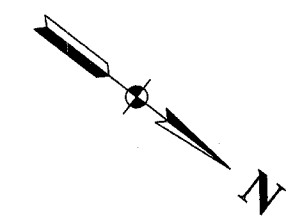
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- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED HEDGE LINE
- FLASHER CONTROLLER
- SERVICE INSTALLATION, POLE MOUNTED
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- CONDUIT IN TRENCH, 1 1/4" DIA. GALVANIZED STEEL (T) OR CONDUIT PUSHED, 1 1/4" DIA. GALVANIZED STEEL (P)










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© COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128		No.	Remarks
<b>SIGNAGE AND EROSION CONTROL PLAN</b> PENNSY GREENWAY BIKE PATH STA. 92+00 TO STA. 118+00		Date	
<b>LANSING, ILLINOIS</b>			
Drawn by: LTL	Date: 7/22/05		
Checked by: JN/JCP	Scale: 1"=50'		
Sheet: 020 of 080	Project No.: 03-365.02		

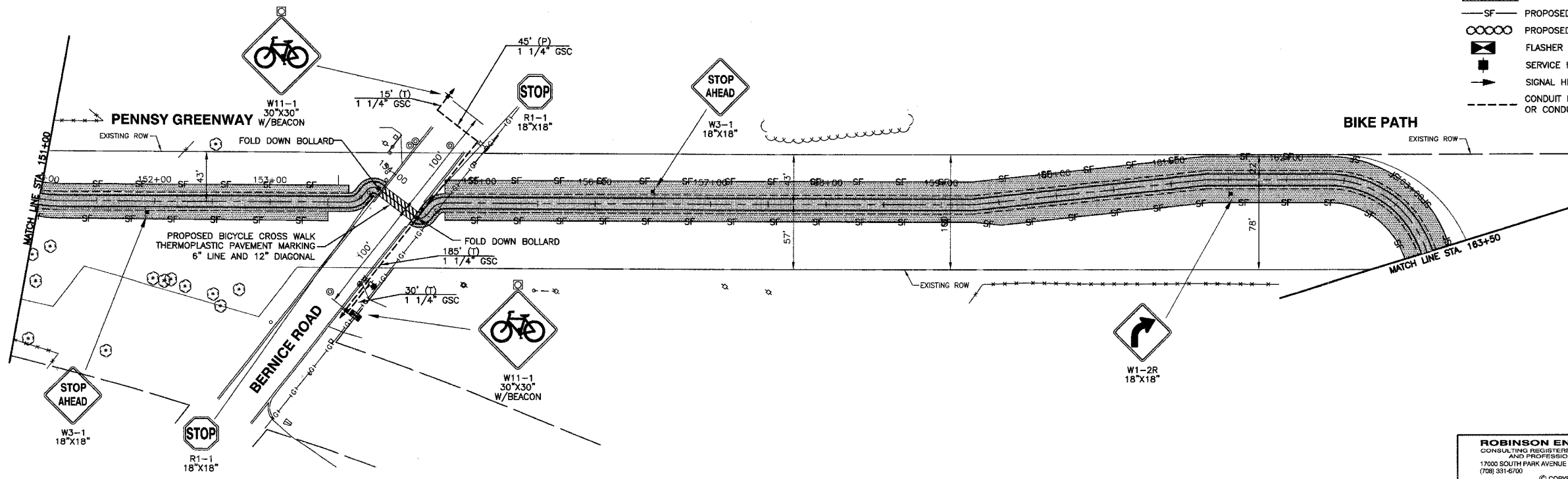
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**LEGEND**

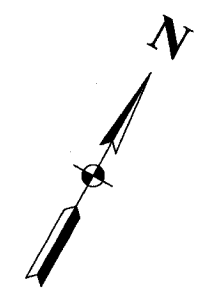
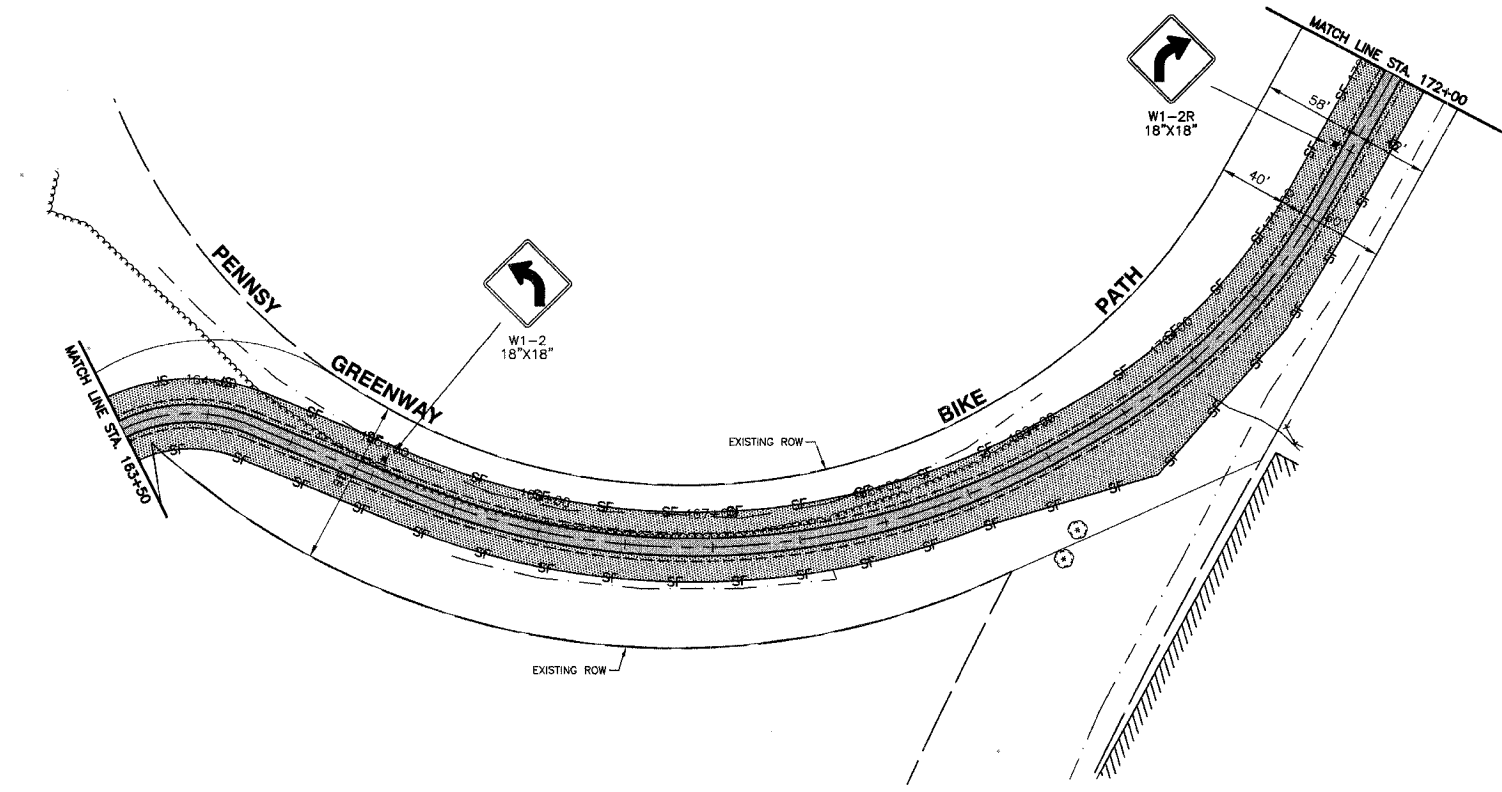
-  PROPOSED EROSION CONTROL BLANKET
-  PROPOSED PERIMETER EROSION BARRIER
-  PROPOSED HEDGE LINE
-  FLASHER CONTROLLER
-  SERVICE INSTALLATION, POLE MOUNTED
-  SIGNAL HEAD BEACON
-  CONDUIT IN TRENCH, 1 1/4" DIA. GALVANIZED STEEL (T)  
OR CONDUIT PUSHED, 1 1/4" DIA. GALVANIZED STEEL (P)



<p><b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17055 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60470 (708) 331-6700</p> <p>© COPYRIGHT 2005 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128</p> <p><b>SIGNAGE AND EROSION CONTROL PLAN PENNSY GREENWAY BIKE PATH STA. 118+00 TO STA. 163+50</b></p>		<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Date	Remarks																																				
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<p><b>LANSING, ILLINOIS</b></p>		<p>Drawn by: LTL Date: 7/22/05</p> <p>Checked by: JN/JCP Scale: 1"=50'</p> <p>Sheet 021 of 080 Project No. 03-365.02</p>																																								

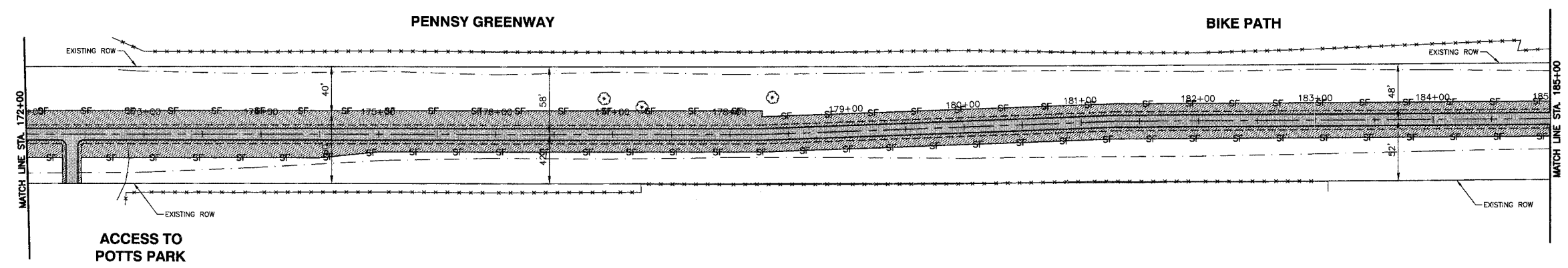
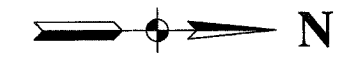
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	03-P4045-01-BT	COOK	080	022
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**LEGEND**

- PROPOSED EROSION CONTROL BLANKET
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED HEDGE LINE
- FLASHER CONTROLLER
- SERVICE INSTALLATION, POLE MOUNTED
- SIGNAL HEAD BEACON
- CONDUIT IN TRENCH, 1 1/4\"/>



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**SIGNAGE AND EROSION CONTROL PLAN**  
PENNSY GREENWAY BIKE PATH  
STA. 163+50 TO STA. 185+00

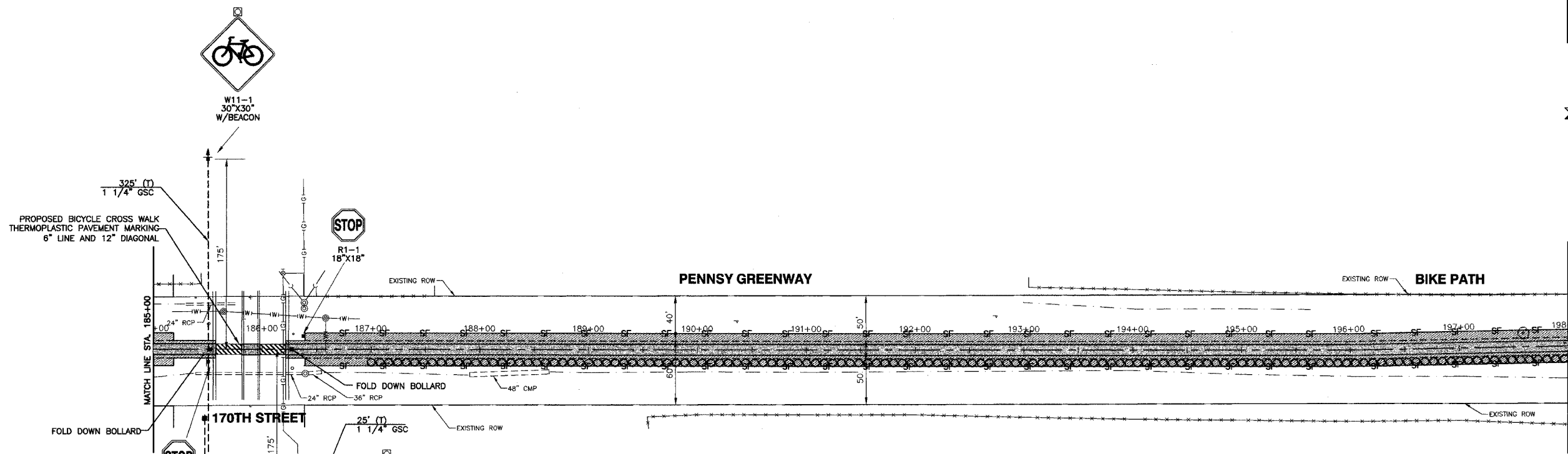
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JN/JCP Scale: 1"=50'  
Sheet: 022 of 080 Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks

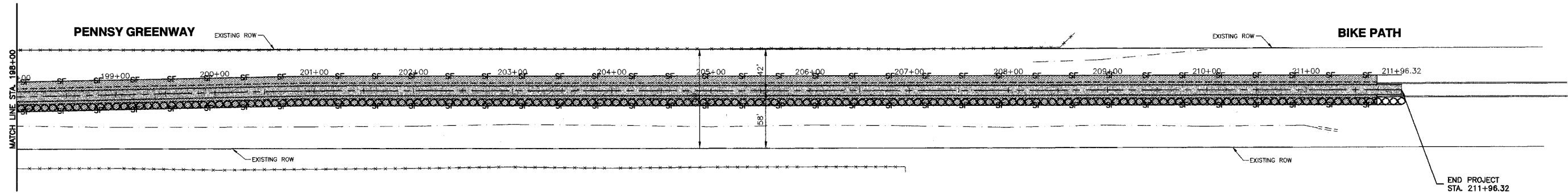
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03-P4045-01-BT	COOK	080	023
STA. TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**



**LEGEND**

- PROPOSED EROSION CONTROL BLANKET
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED HEDGE LINE
- FLASHER CONTROLLER
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**SIGNAGE AND EROSION CONTROL PLAN**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 163+50 TO STA. 185+00

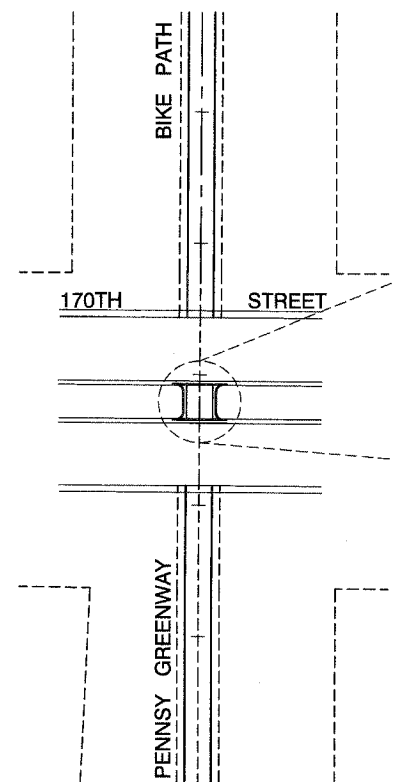
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Drawn by: LTL Date: 7/22/05  
 Checked by: JN/JCP Scale: 1"=50'  
 Sheet 023 of 080 Project No. 03-365.02

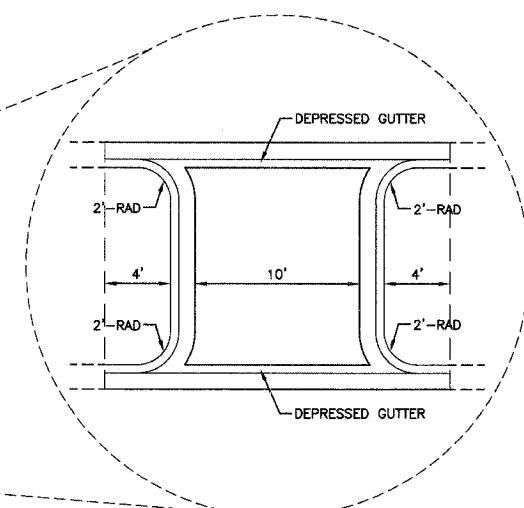
REVISIONS		
No.	Date	Remarks

FAU. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

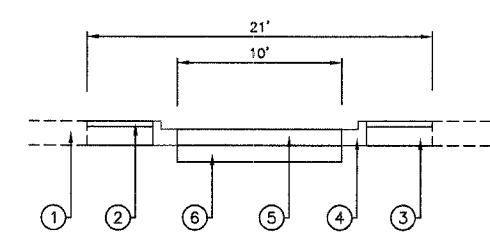
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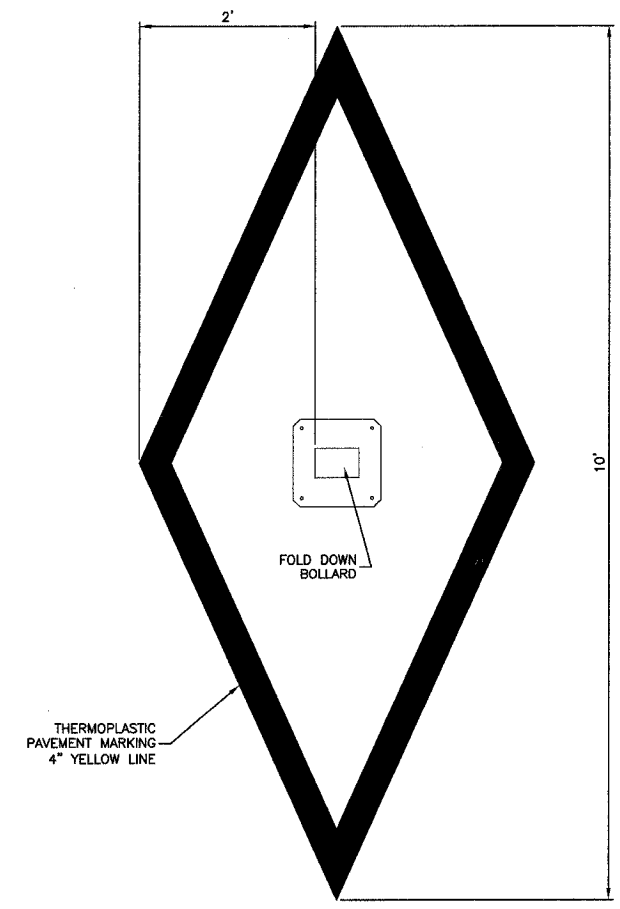
**PROPOSED MEDIAN - PLAN VIEW**



**PROPOSED MEDIAN - PLAN VIEW**



**PROPOSED MEDIAN - CROSS SECTION**



**TYPICAL PAVEMENT MARKINGS AT BOLLARD LOCATION**

**LEGEND**

- ① EXISTING CONCRETE MEDIAN
- ② PROPOSED CONCRETE MEDIAN SURFACE, 4"
- ③ AGGREGATE BASE COURSE, TYPE B 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- ⑥ AGGREGATE BASE COURSE, TYPE B, 6"

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<b>PROJECT DETAILS</b> PENNSY GREENWAY BIKE PATH <b>LANSING, ILLINOIS</b>			
Drawn by: LTL	Date: 7/22/05		
Checked by: JP	Scale: N/A		
Sheet 024 of 080	Project No. 03-365.02		



F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	025
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

**TrafficGuard® Single Post**  
30" tall with 4" clearance height  
in down position

Reflective Labels

**The Original Multi-function Bollard**

TS 6" x 3 x 3/8"  
Heavy Duty Steel Tube

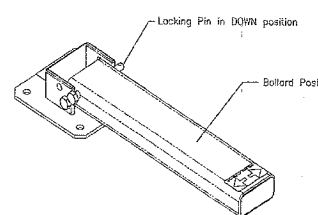
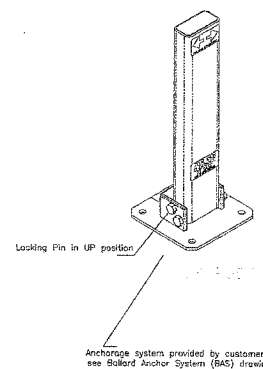
Single Lock Pin Shown  
(Optional Double Lock Pin Available)

1/2" Steel Side Plates

3/8" Steel Base Plate

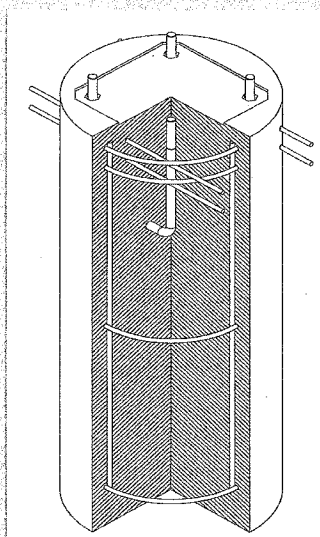
Locks in  
down position

High Visibility Safety Yellow Color  
Dupont Imron Finish (Standard)



Custom Colors Available to fit  
Your application  
Call 877-727-7347

**TYPICAL FOUNDATION PLAN**

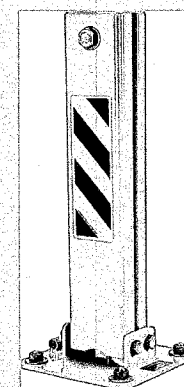


- 18" Concrete Pier at 42" Below Grade
- Install rebar system as detailed
- Four 3/4" x 12" galvanized "J" bolts

TrafficGuard® "Screw Lock" shown with optional reflective end marker labels

Optional Reflective "End Marker" Labels

High Shear Security Lock Pins Available



**TRAFFICGUARD® GENERAL SPECIFICATIONS**

The TrafficGuard® hinged bollard is a product that will secure your area from unwanted vehicle traffic, while allowing authorized vehicles to pass at will.

**TRAFFICGUARD® IS AVAILABLE IN THE FOLLOWING OPTIONS:**

- 1) Single-Post Bollard—4" Clearance Height; 30" or 48" Post Height
- 2) Single-Post Bollard—5" Clearance Height; 30" Post Height
- 3) Double-Post Bollard—3" Clearance Height; 30" Post Height
- 4) Double-Post Bollard With "Screw Lock"—4" Clearance Height; 30" Post Height
- 5) Round-Post Bollard—Screw in with flush mount, 34.5" Post Height

**SINGLE-POST:** Shall be fabricated of ASTM-A36 TS 6"x4"x3/8" steel tube with an end plate welded to the top with bottom corners beveled, edges eased and to contain 2- 1 13/16" holes for 3/4" pins located to allow lowering to specified clearance and locking in down position.

**DOUBLE-POST:** Shall be fabricated of ASTM-A36 TS 6"x2"x1/4" steel tube with an end plate welded to the top with bottom corners beveled, edges eased and to contain 1- 1 13/16" holes for 3/4" pins located to allow lowering to specified clearance and locking in down position.

**ROUND-POST:** Shall be fabricated of 2.5" schedule 40 pipe with welded-in-place flange, post cap and 1" threaded bottom. Galvanized 24" threaded ground sleeve and "screw in" cap.

**BASE:** Shall be fabricated of ASTM - A36 steel. The base plate shall be 12"x12"x3/8" with beveled corners. The verticals shall be a 1/2" steel plate welded to the base plate. Decal plate shall be 1/2" and welded to the backside of the vertical support.

**ARROW AND WARNING DECALS:** Vendor shall provide two (2) reflective arrow labels and three (3) clearance-warning labels to be installed at time of installation.

**PAINTING SPECIFICATIONS:** Prepare all uncoated ASTM - A36 by removing scale and weld slag by chipping, wire brushing, and then sandblast to SSPC 6. Prime all surfaces with one coat of Gray CORLAR Epoxy Primer 934S with a dry thickness of 1.0 mils. Paint one finish of DuPont Yellow IMRON 5000 3.5 VOC Color #NO882HNW in a cross-coat fashion. DuPont Imron® is a top-of-the-line automotive finish.

**HINGE PINS:** 3/4" -1.0x8" Hex Head Bolt 18"-8" stainless steel with 13/32 hole for lock. Furnished with 3/4" -1.0" 18"-8" stainless steel nut.

**ANCHOR BOLTS:** If included shall be 3/4"x12" ASTM - A36 L Hook Anchor Bolt with Hex Head Nut and type A Flat Washer. All hardware galvanized.

**DESIGN CRITERIA:** The Hinged Bollard is designed to release at static load (or equivalent impact load) of approximately 1,700 pounds applied at 27 inches above grade. The Hinged Bollard System will release in one of the following modes:

1. The Pin will shear and the Bollard will rotate to grade.
2. The Expansion Anchors will pull out and the Bollard Base will rotate.
3. The earth (dependent on strength) will yield and the foundation will tip in rotation.

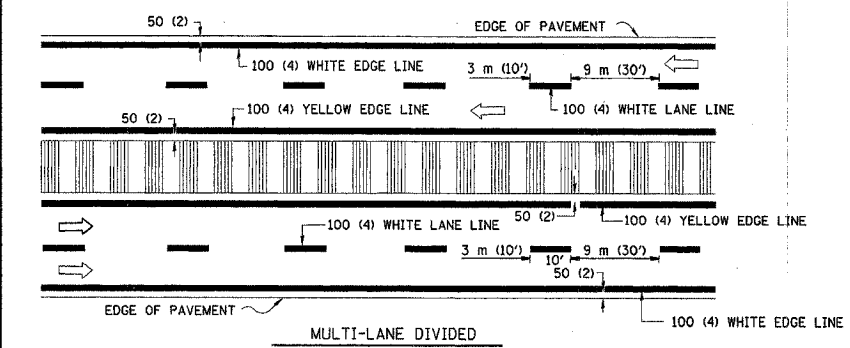
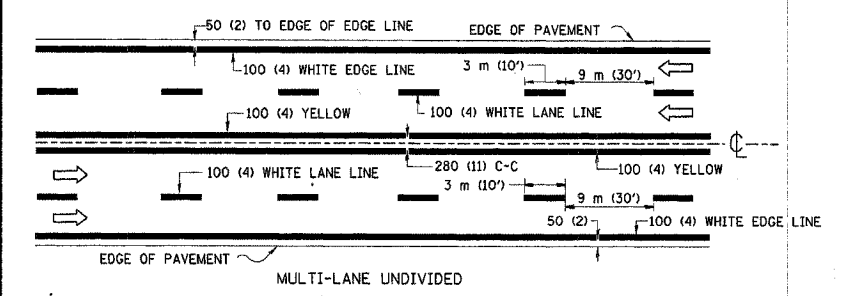
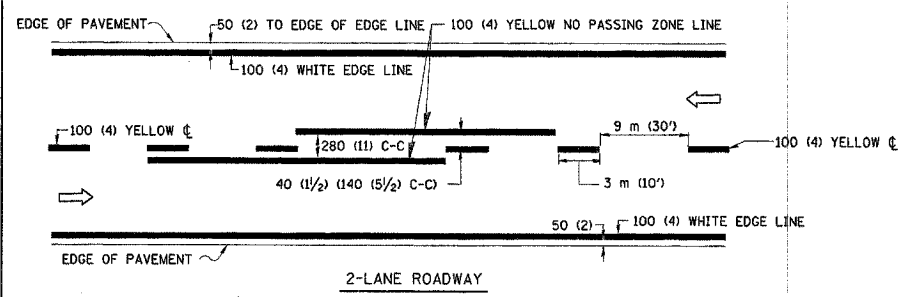
If installation conforms to the specifications and these drawings, TrafficGuard® Direct expects the failure to occur in the sequence shown with the pin shear as the governing failure. Design shall be by a licensed engineer in the state of Illinois.

**INSURANCE:** Vendor shall provide commercial general liability policy "occurrence" insurance in the minimum amount of \$1,000,000.00.

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<b>PROJECT DETAILS</b> PENNSY GREENWAY BIKE PATH <b>LANSING, ILLINOIS</b>			
Drawn by: LTL	Date: 7/22/05		
Checked by: JP	Scale: N/A		
Sheet 025 of 080	Project No. 03-365.02		

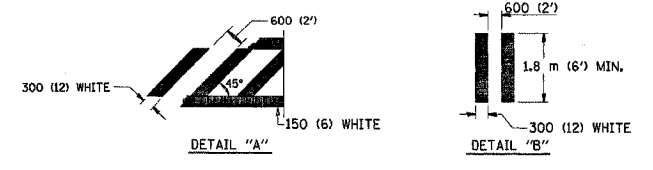
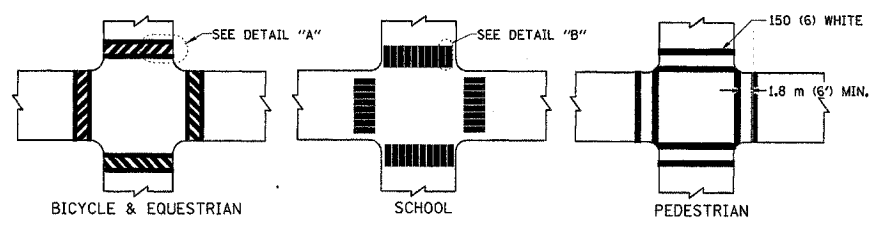
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	026
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**

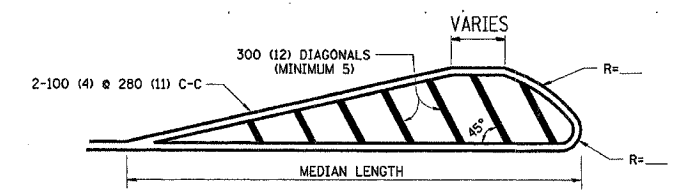
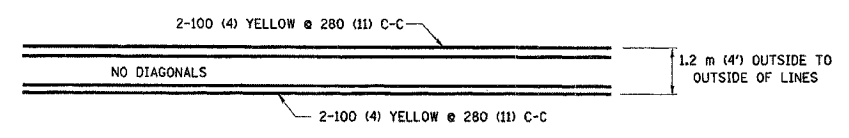


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**



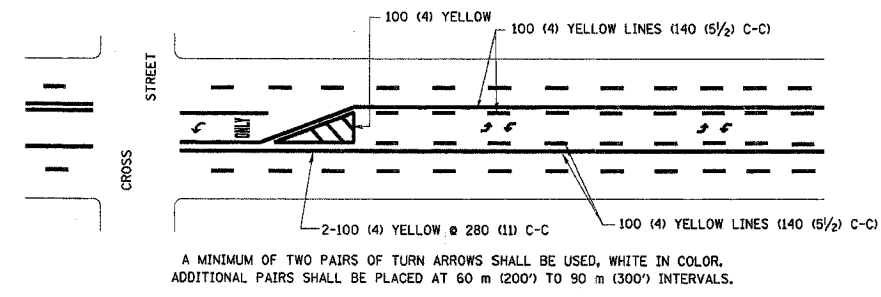
**TYPICAL CROSSWALK MARKING**



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

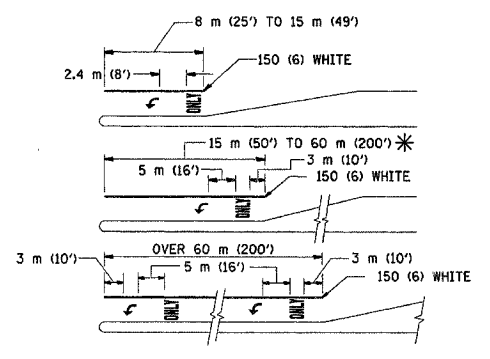
DIAGONAL LINE SPACING: 15 m (50') C-C (LESS THAN 50 km/h (30 MPH))  
25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH))  
45 m (150') C-C (MORE THAN 70 km/h (45 MPH))

**MEDIANS OVER 1.2 m (4') WIDE**



**TYPICAL PAINTED MEDIAN MARKING**

**TYPICAL TURN LANE MARKING**

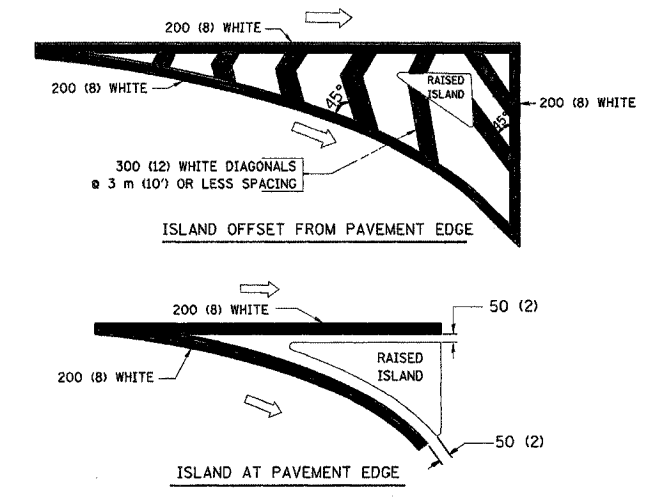


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED. AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) ONLY AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)

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

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) 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 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

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

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

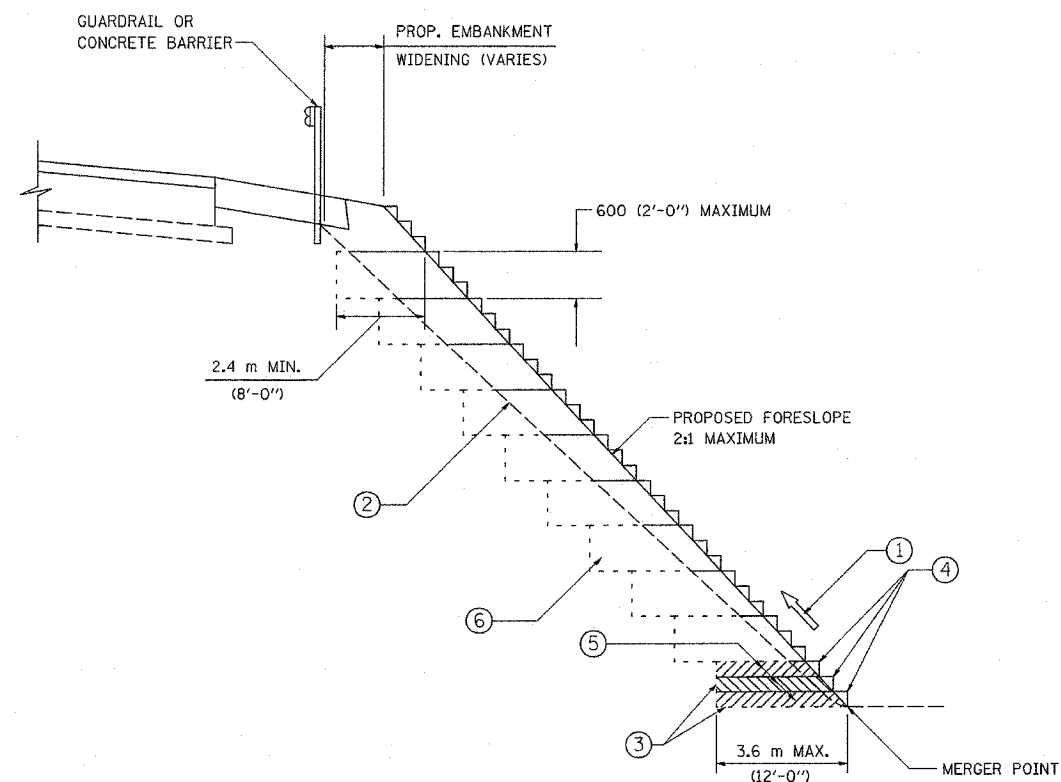
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT ONE**  
**TYPICAL PAVEMENT MARKINGS**

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

SCALE: NONE  
DATE: 03/26/2003  
DRAWN BY: CADD  
CHECKED BY:

FED. AID DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	027
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**NOTES:**

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BENCHING DETAIL  
FOR EMBANKMENT  
WIDENING**

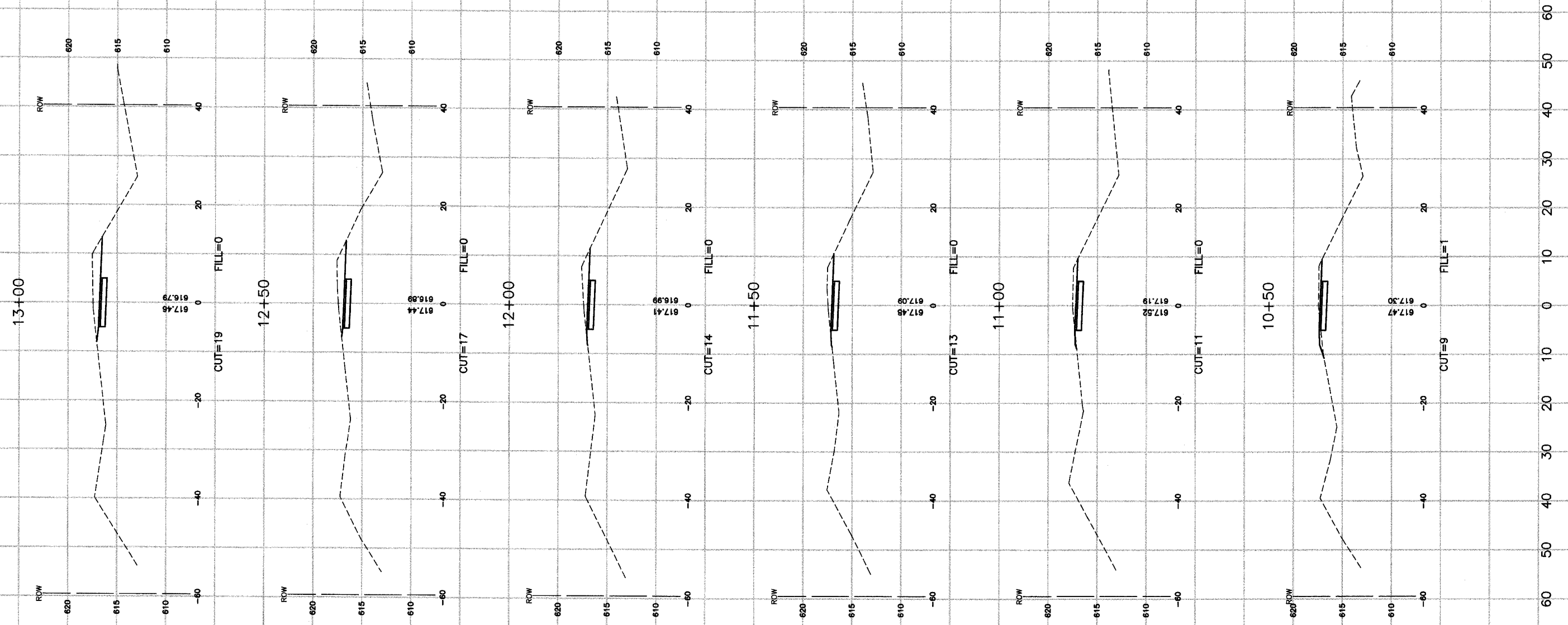
REVISIONS	
NAME	DATE

SCALE: NONE  
DATE 10/18/2002

DRAWN BY: CADD  
CHECKED BY: S.E.B.  
BD-51  
027-03365-DTLS-04 - P01  
REVISION DATE:

FAUL. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	028
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 10+50 TO STA. 13+00

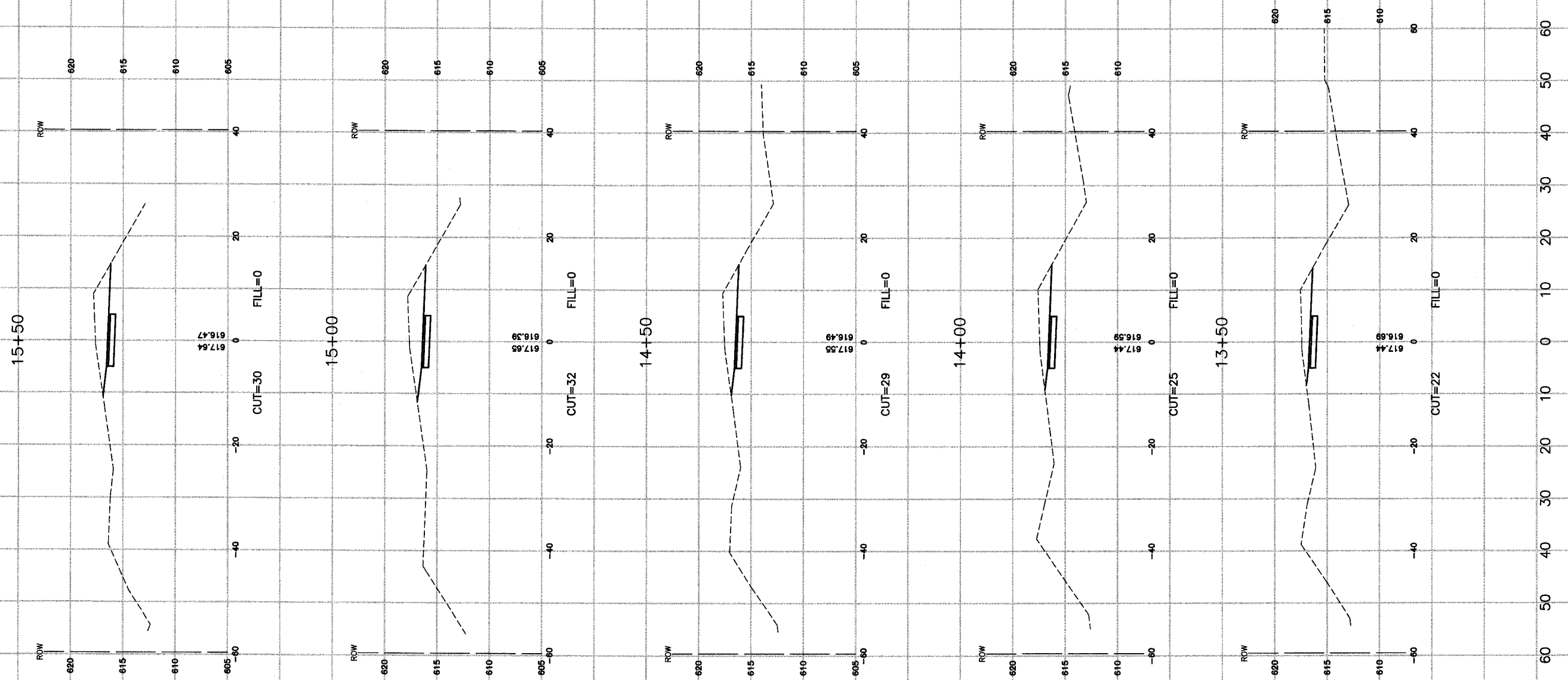
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 028 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAUL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	029
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 13+50 TO STA. 15+50**

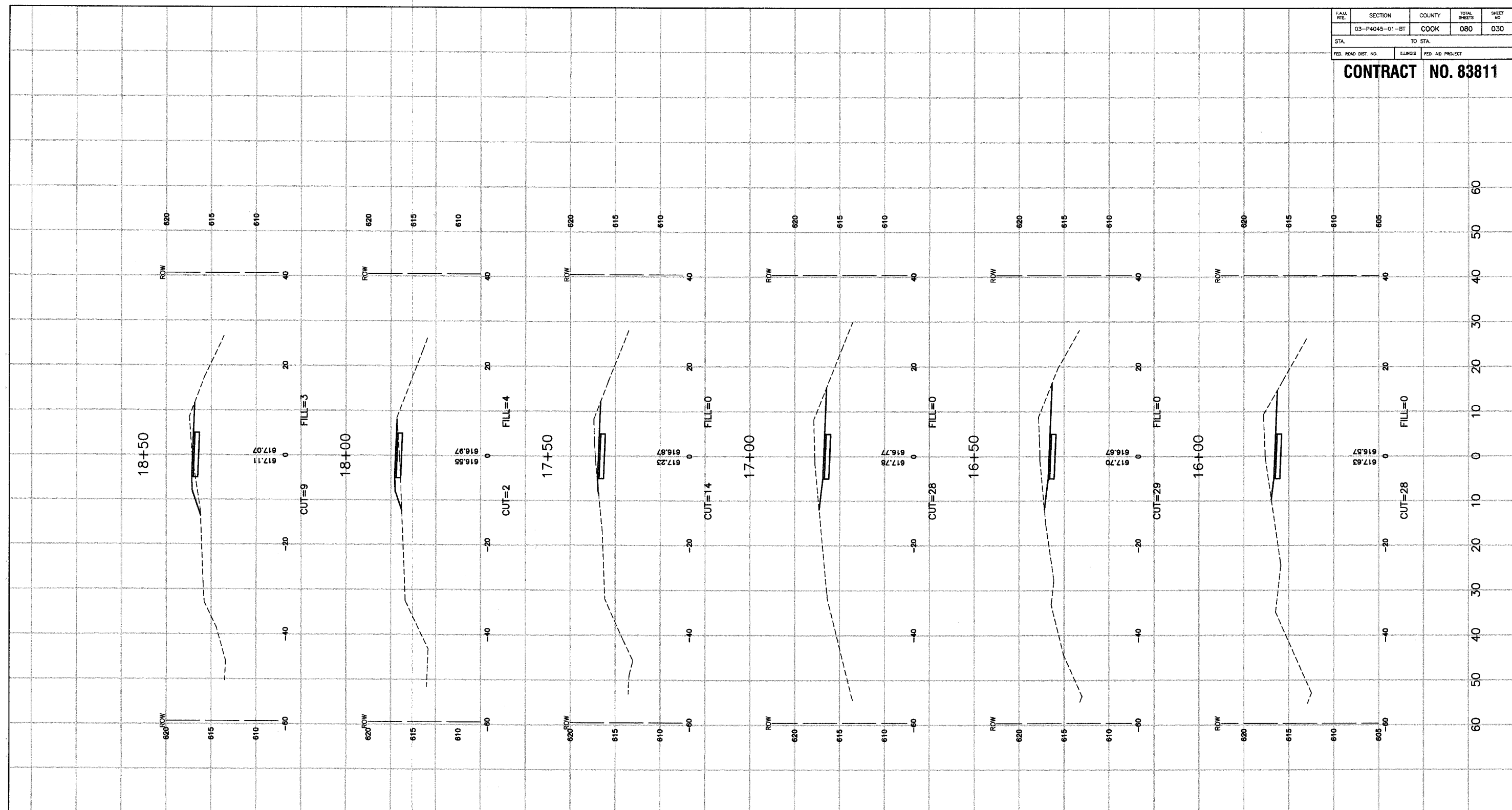
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/06  
 Checked by: JJP Scale: H 1"=10' V 1"=5'  
 Sheet 029 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAUL. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 16+00 TO STA. 18+50**

**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 030 of 080 Project No. 03-365.02

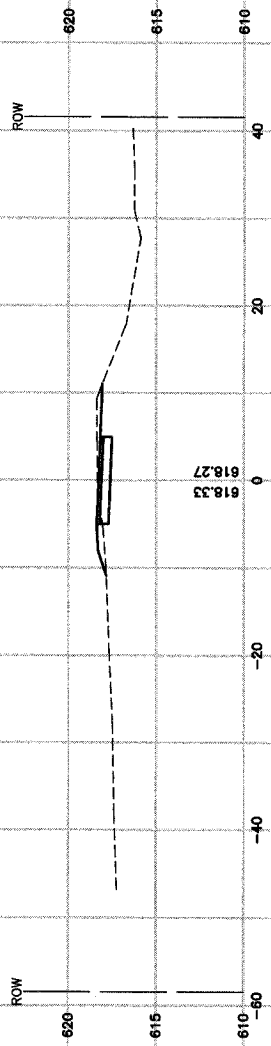
REVISIONS		
No.	Date	Remarks



FAUL. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**

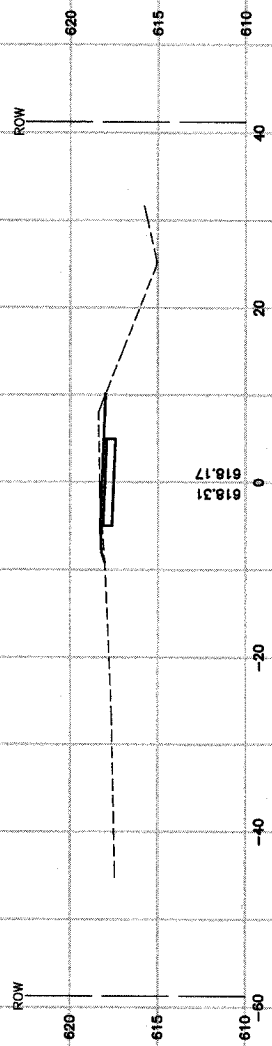
24+50



CUT=8 FILL=2

618.27

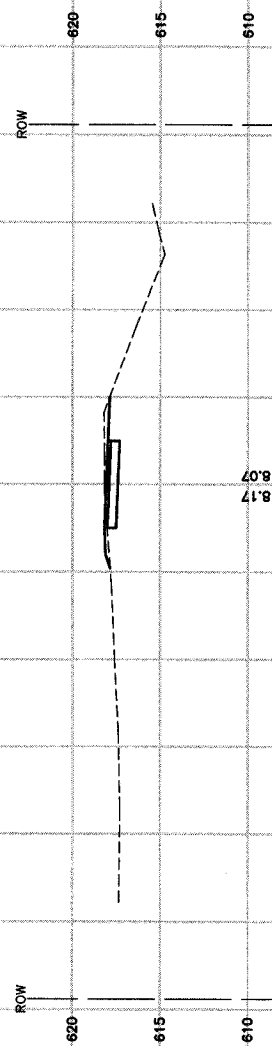
24+00



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618.31

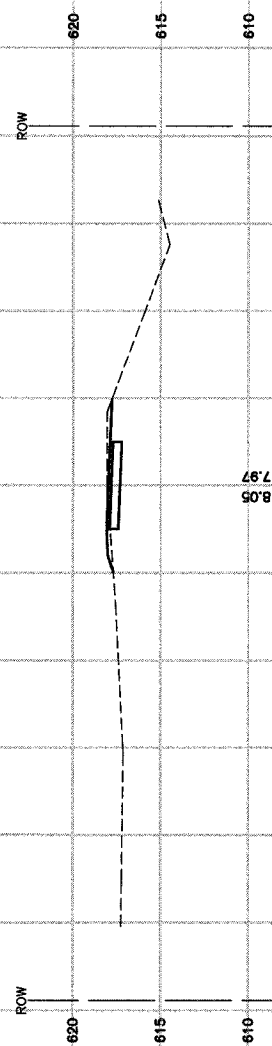
23+50



CUT=8 FILL=1

618.07

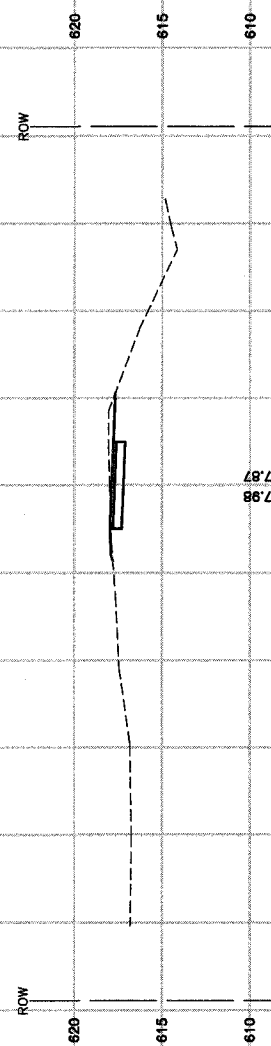
23+00



CUT=8 FILL=1

617.97

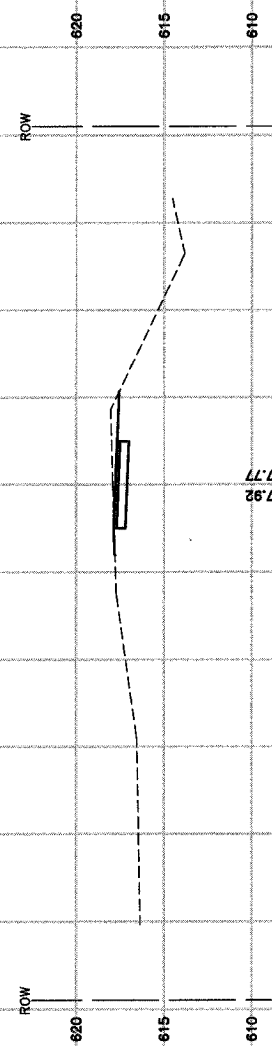
22+50



CUT=9 FILL=0

617.87

22+00



CUT=10 FILL=0

617.77

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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 22+00 TO STA. 24+50

**LANSING, ILLINOIS**

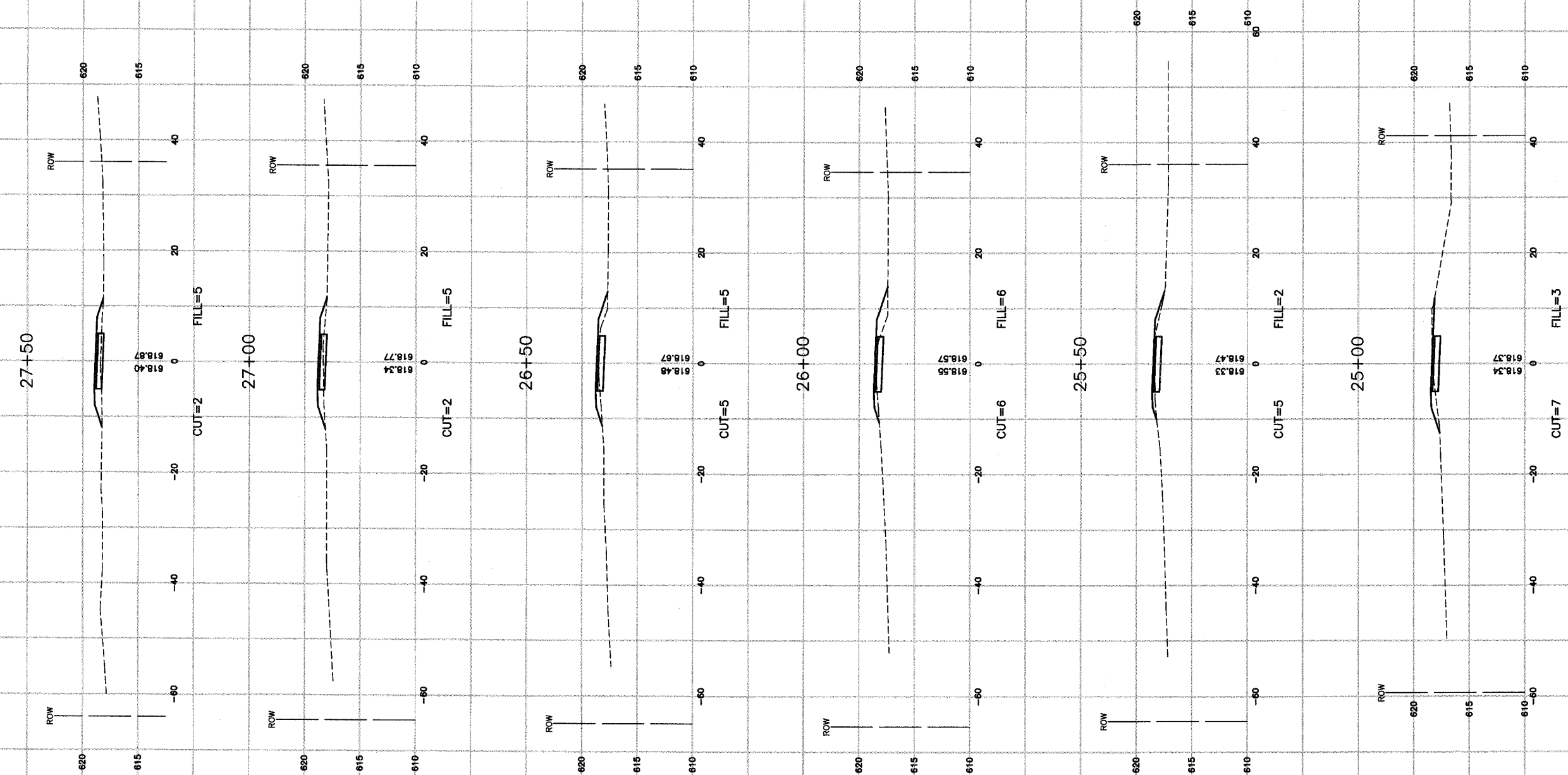
Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 032 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	033
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
PENNSY GREENWAY BIKE PATH  
STA. 25+00 TO STA. 27+50

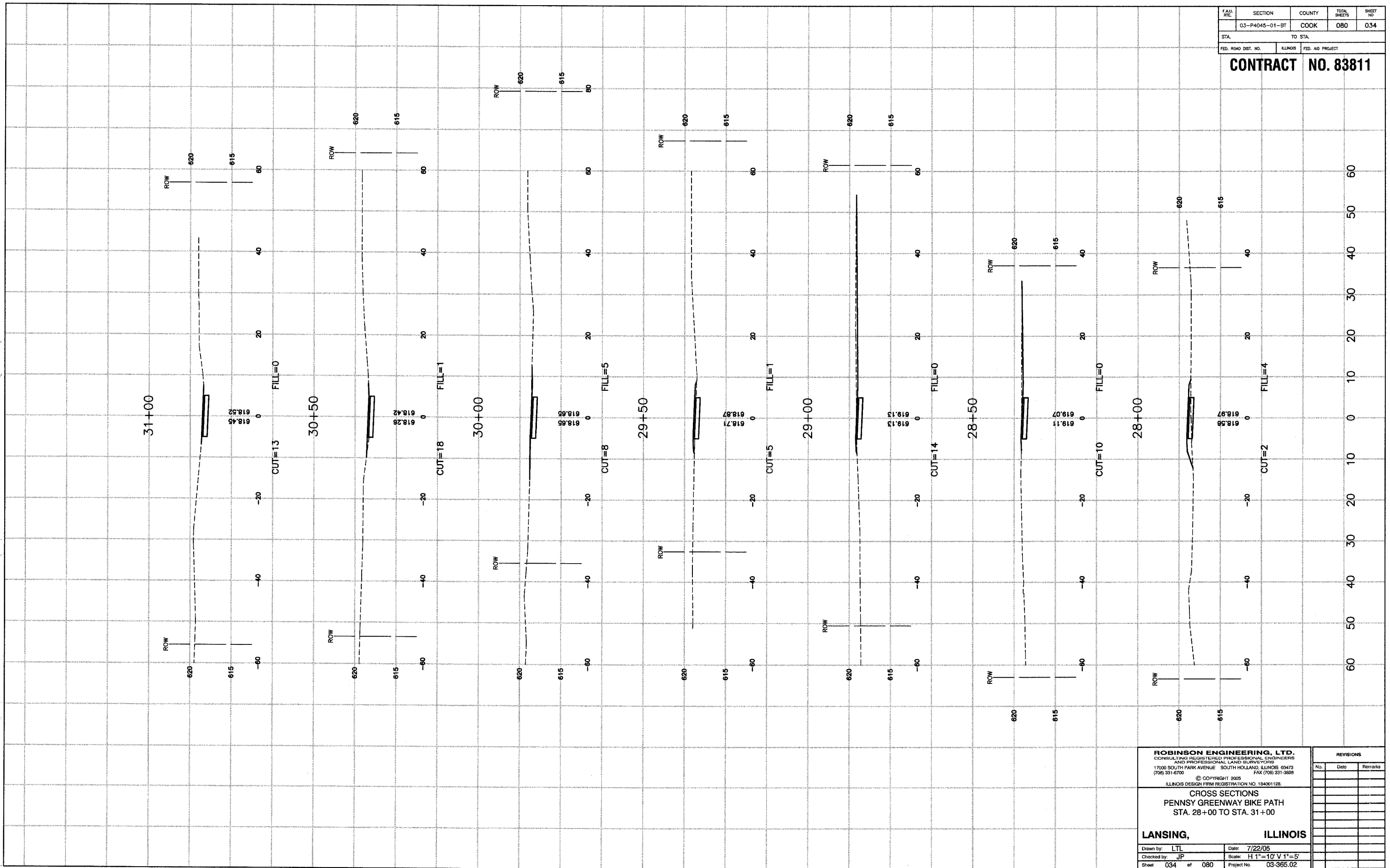
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Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 033 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

F.A.D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	034
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS  
 PENNSY GREENWAY BIKE PATH  
 STA. 28+00 TO STA. 31+00**

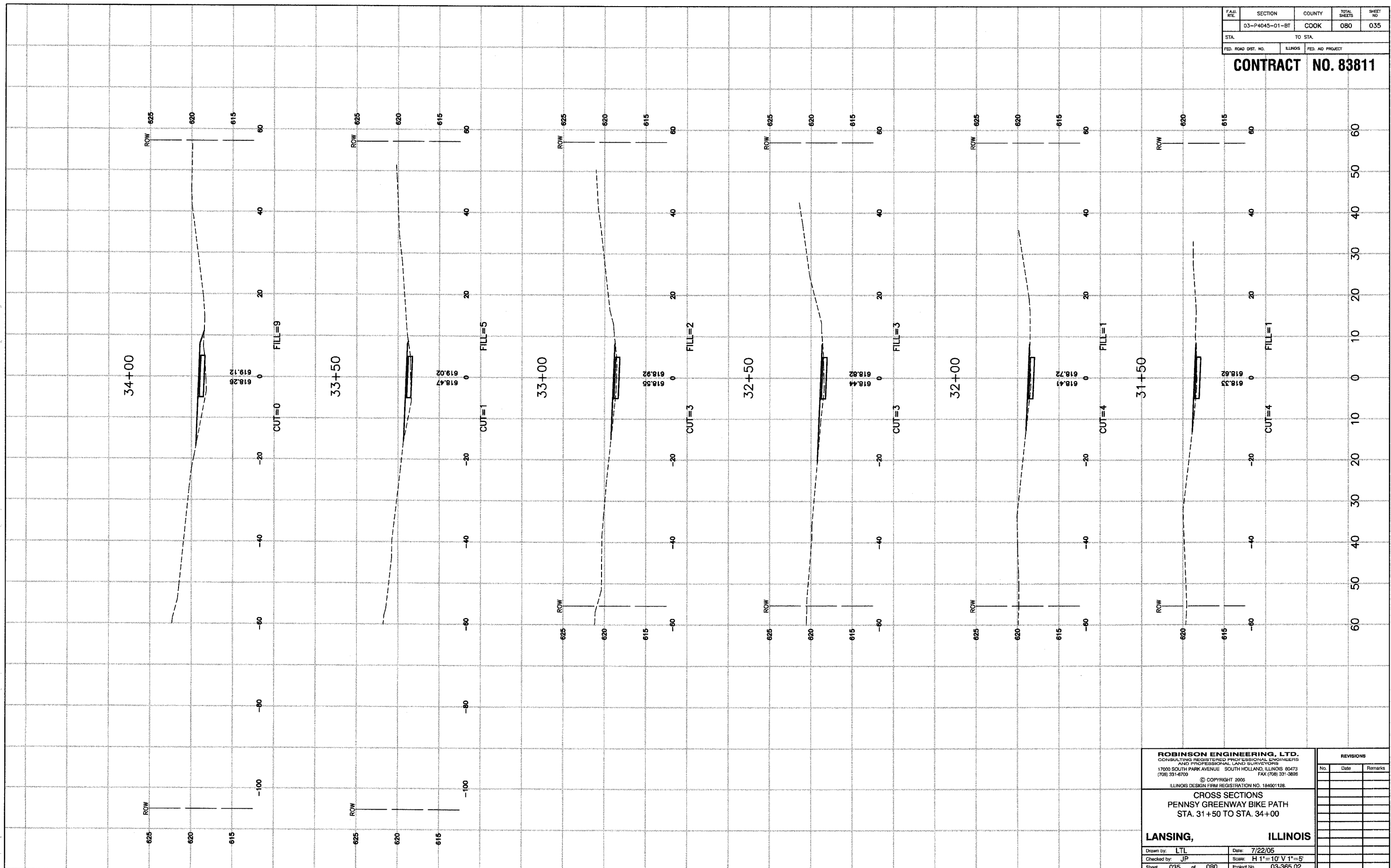
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 034 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	035
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 31+50 TO STA. 34+00

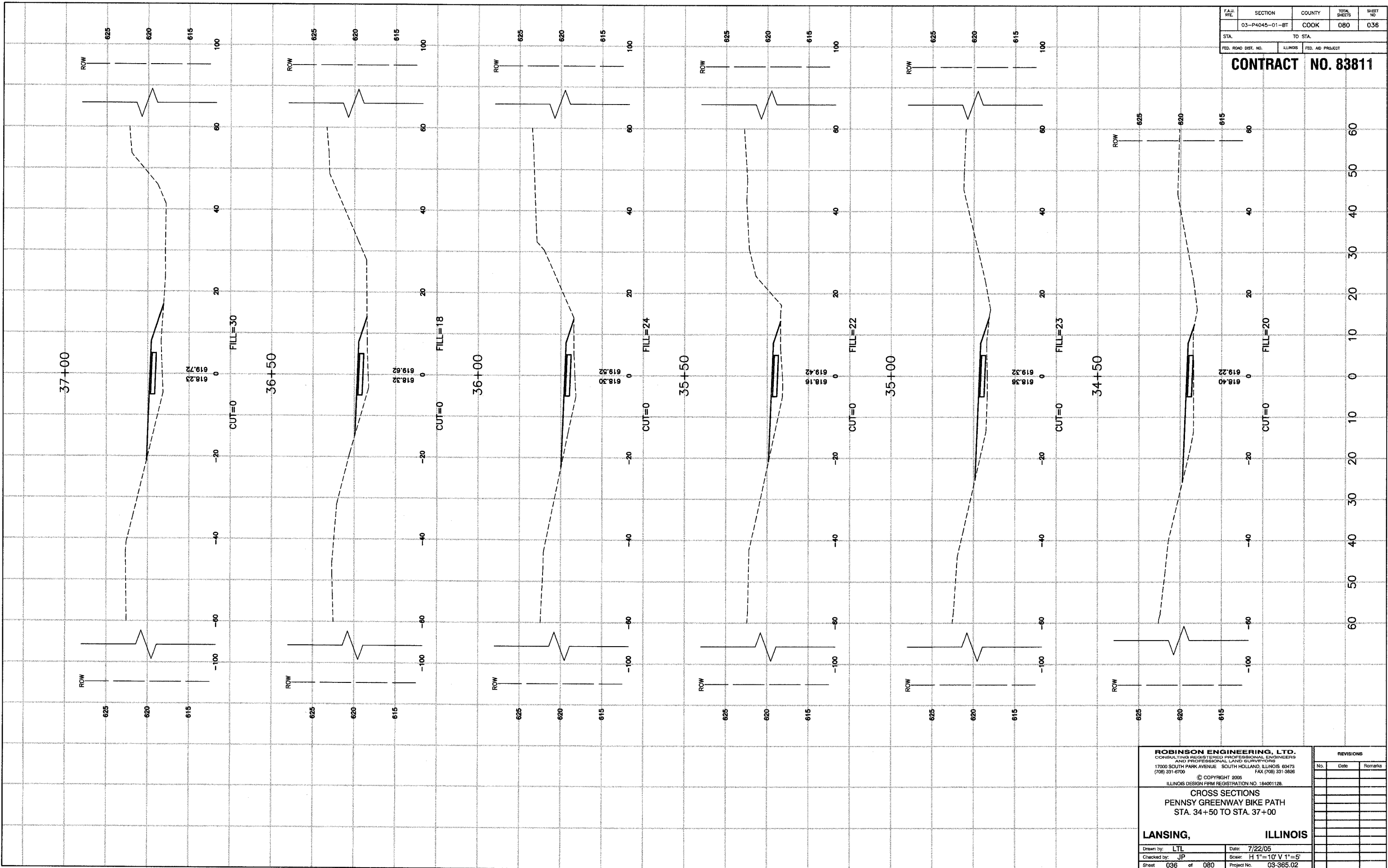
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 035 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	036
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS  
 PENNSY GREENWAY BIKE PATH  
 STA. 34+50 TO STA. 37+00**

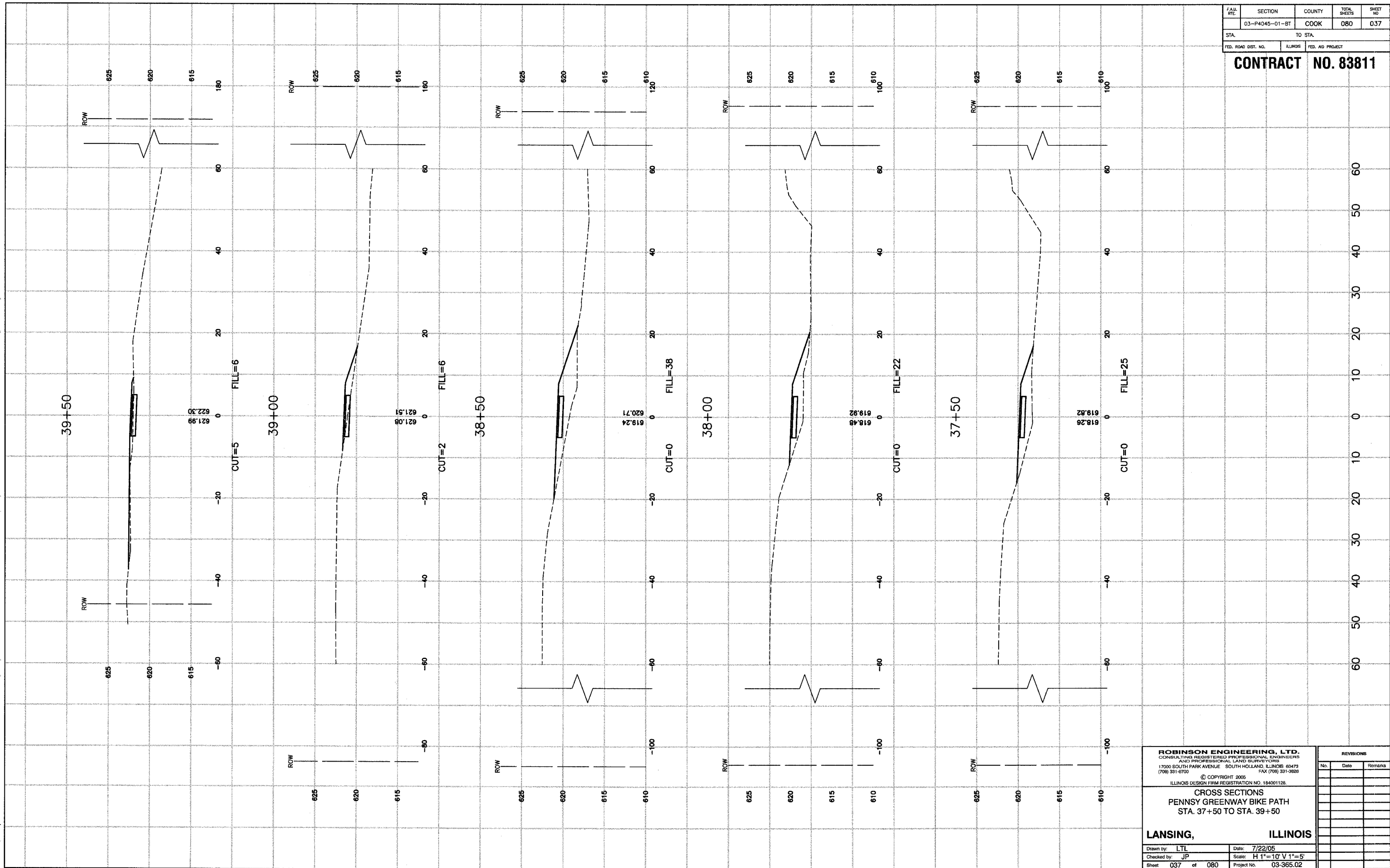
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 036 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

F.A.M. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	037
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 37+50 TO STA. 39+50**

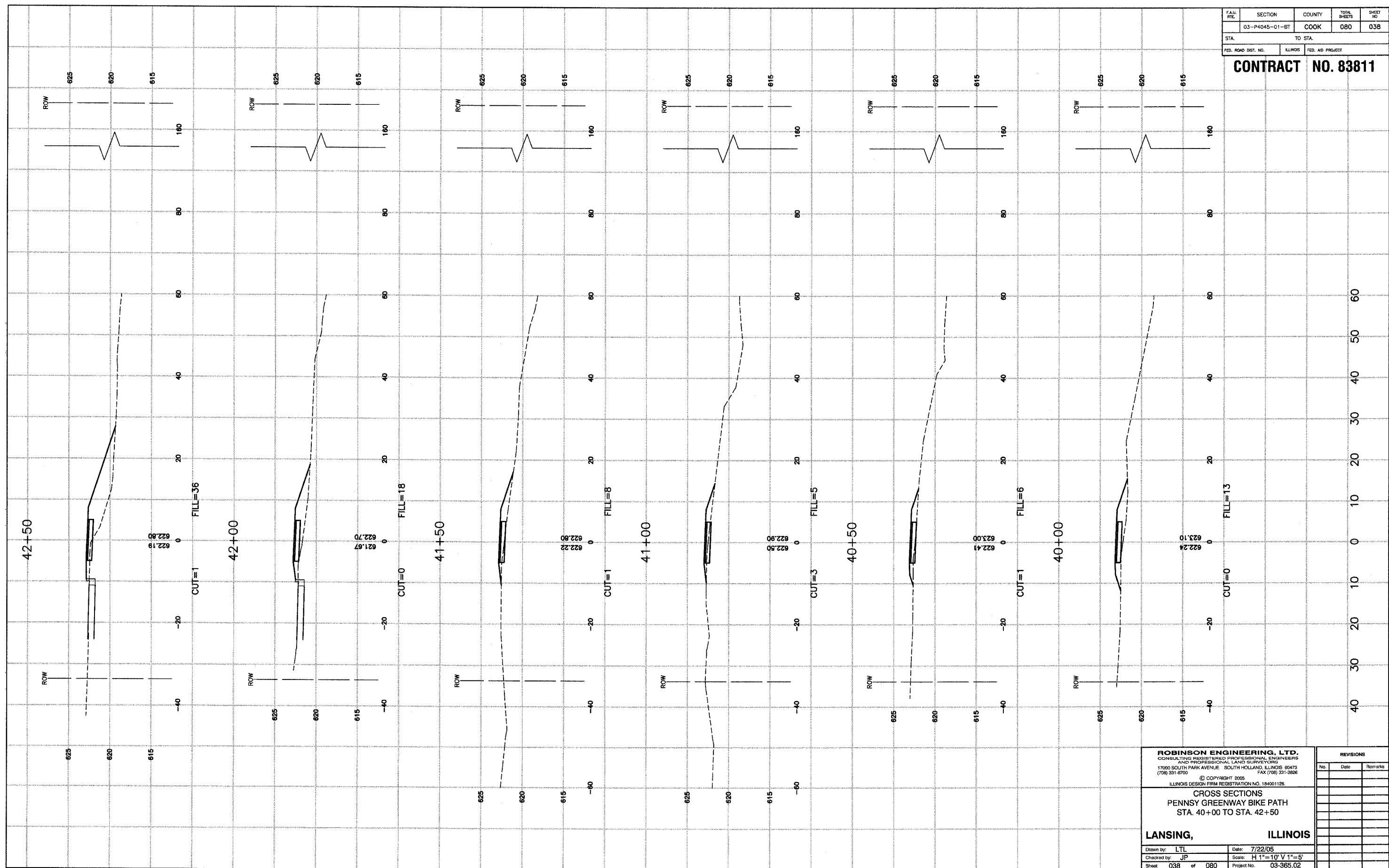
**LANSING, ILLINOIS**

Drawn by: LTL	Date: 7/22/05
Checked by: JP	Scale: H 1"=10' V 1"=5'
Sheet 037 of 080	Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAM. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	038
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 40+00 TO STA. 42+50**

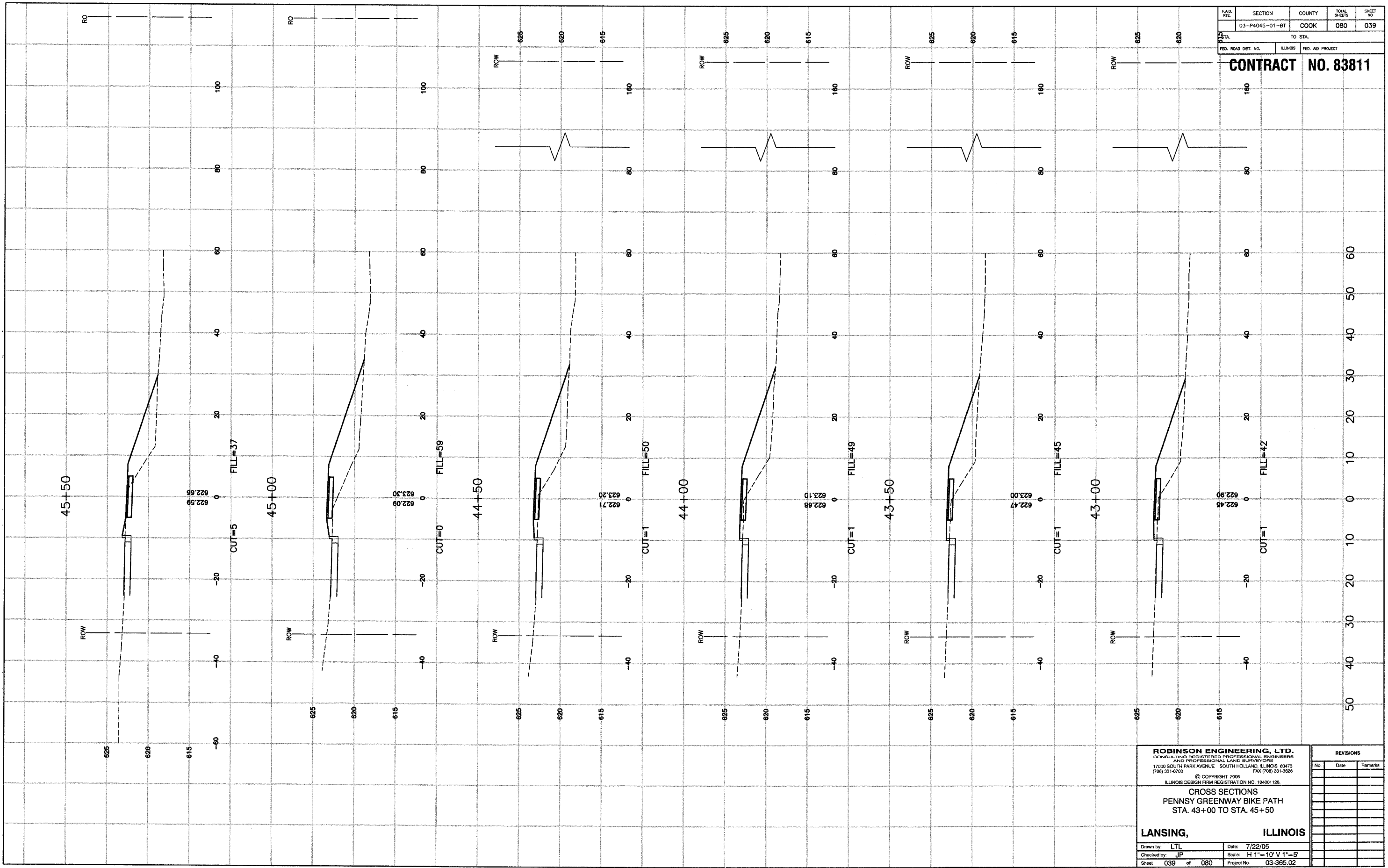
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 038 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	039
DATA	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 43+00 TO STA. 45+50

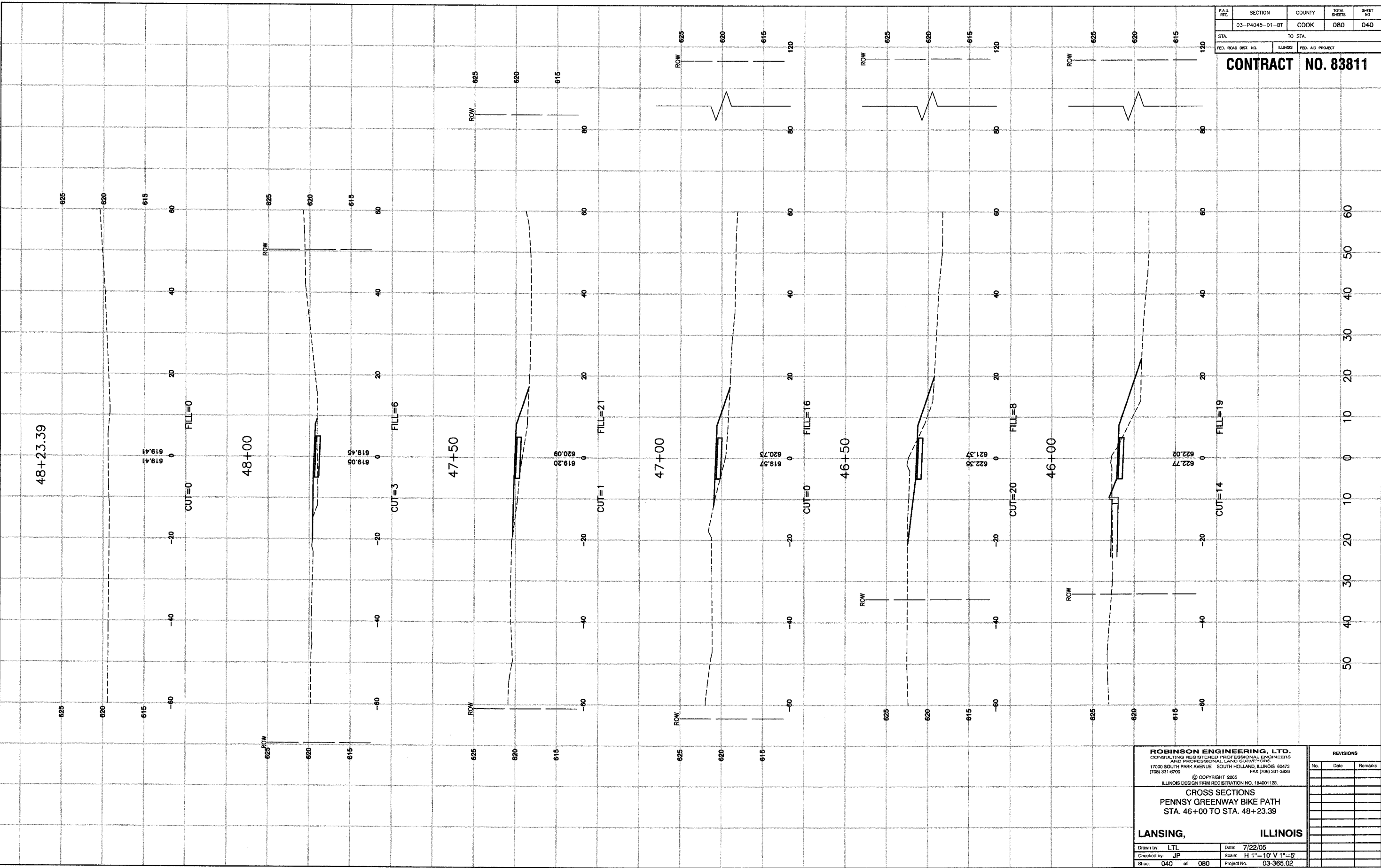
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 039 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	040
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 46+00 TO STA. 48+23.39**

**LANSING, ILLINOIS**

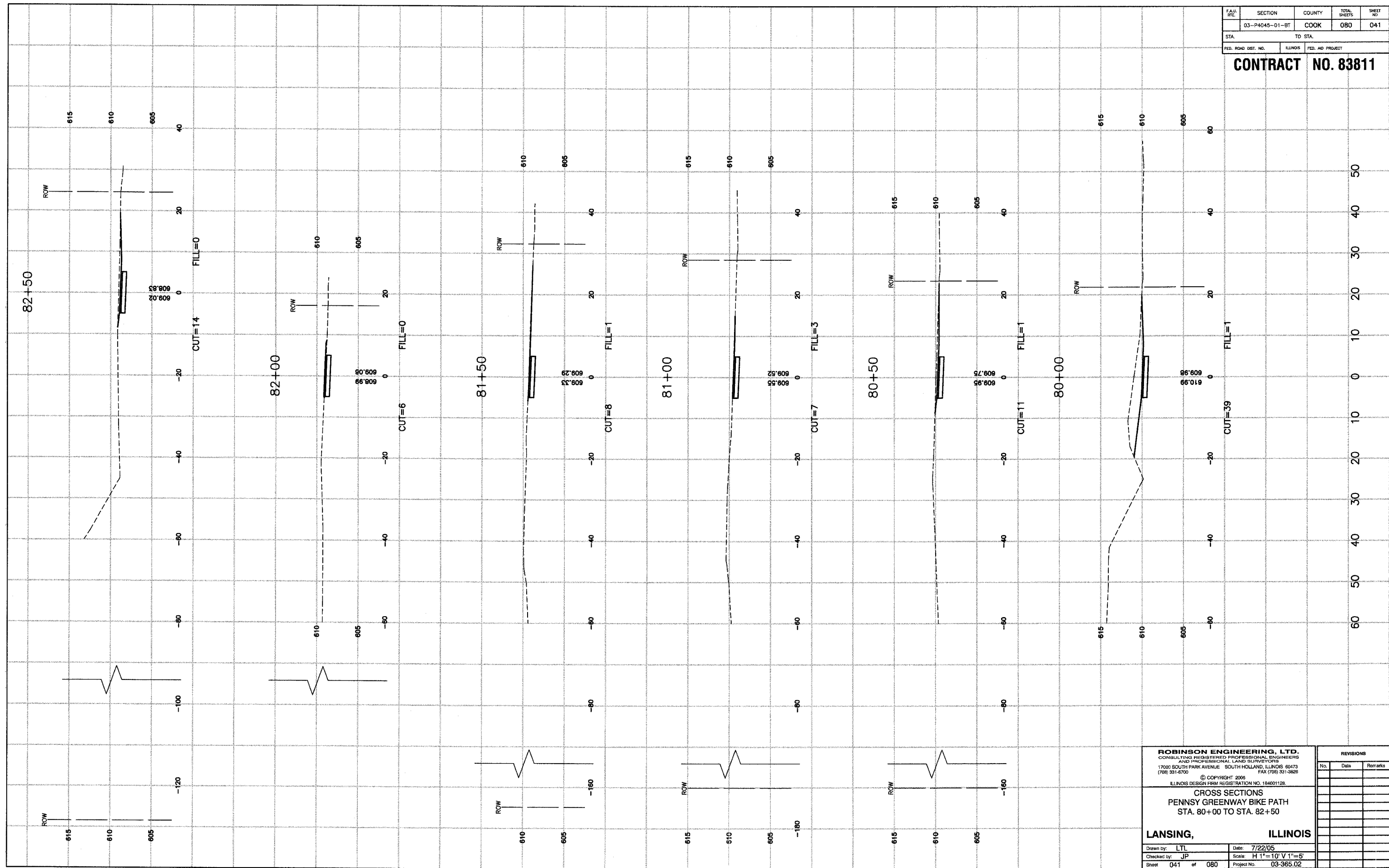
Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet: 040 of 080 Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	041
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 80+00 TO STA. 82+50

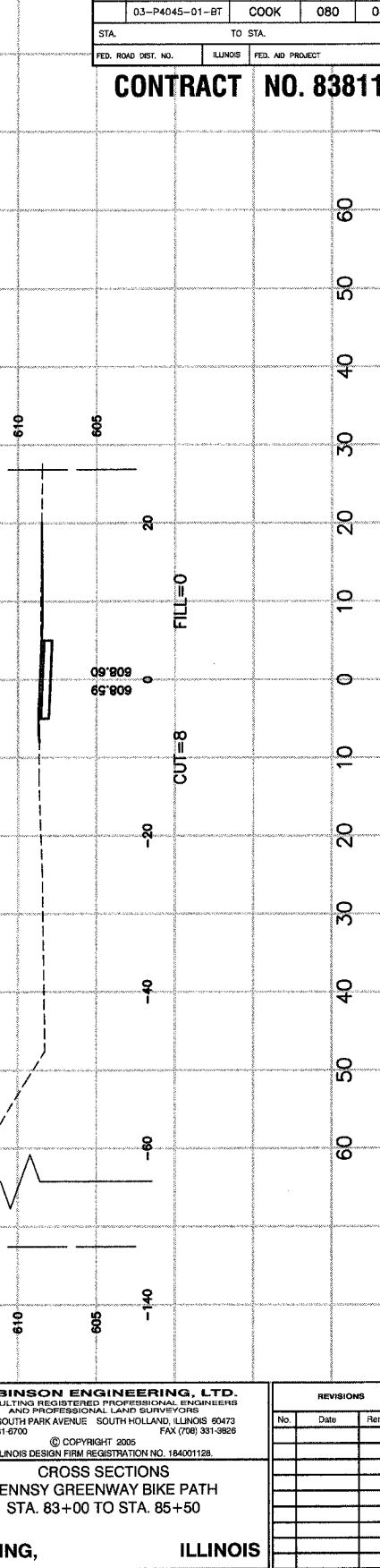
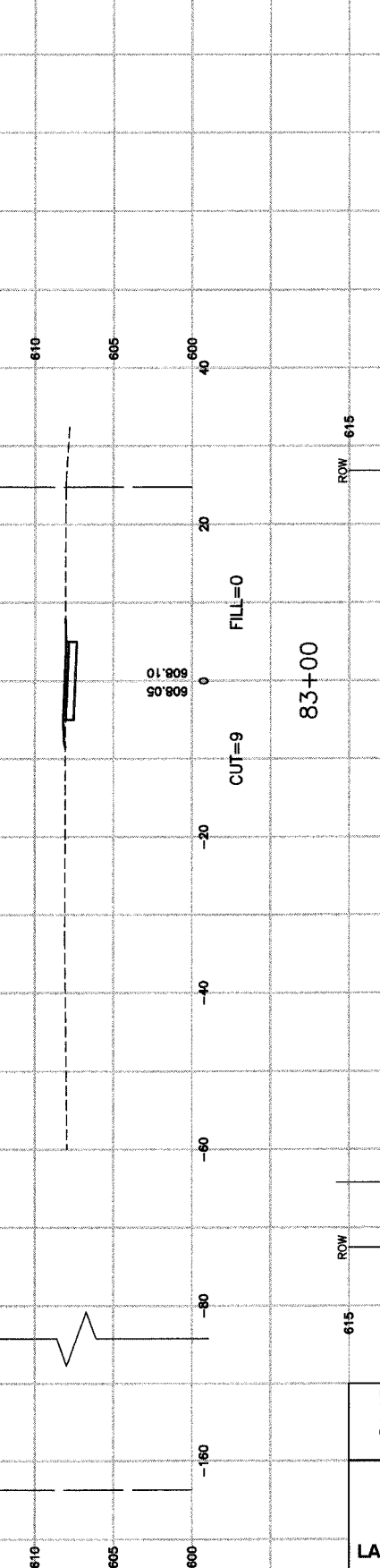
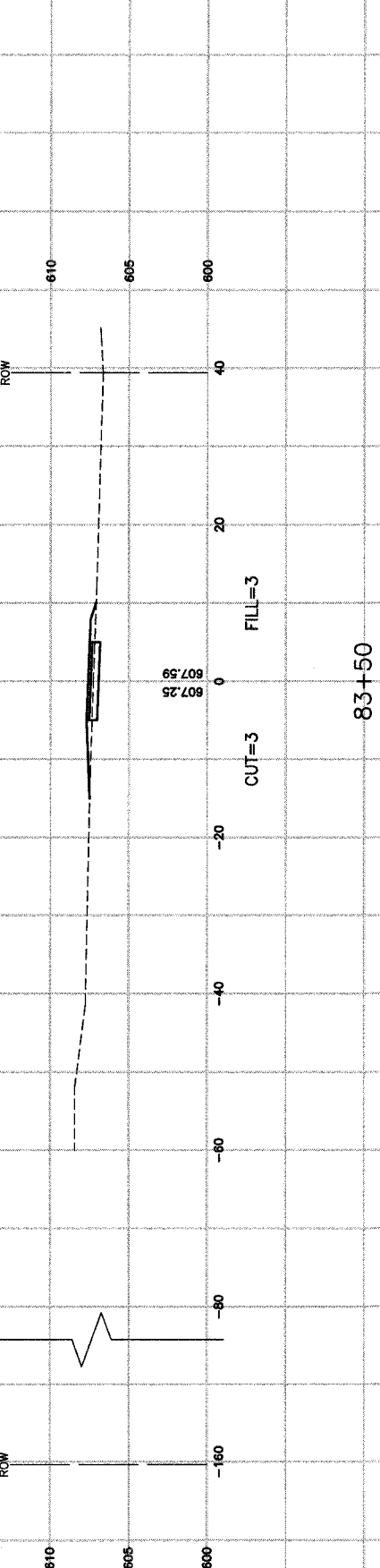
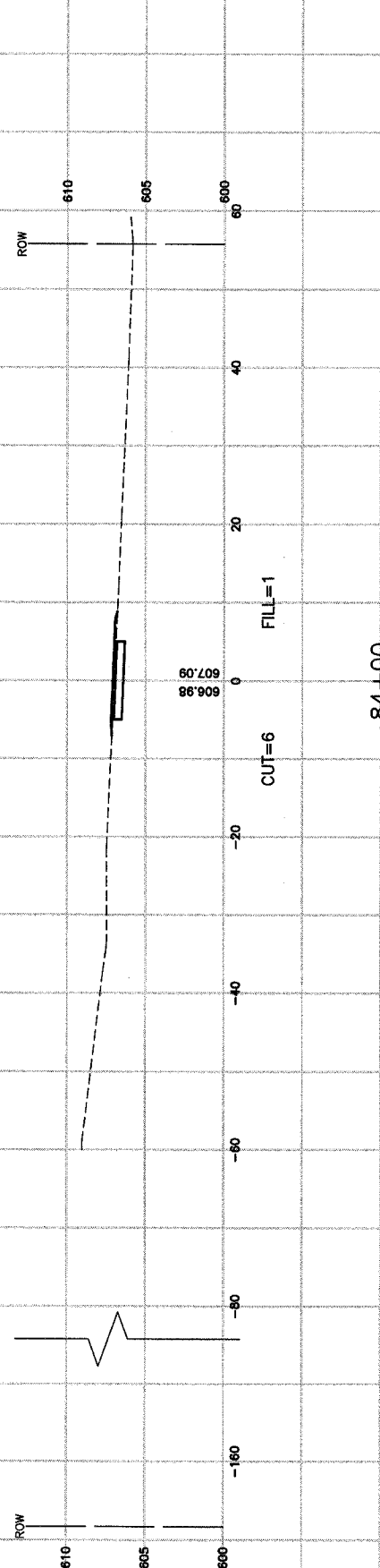
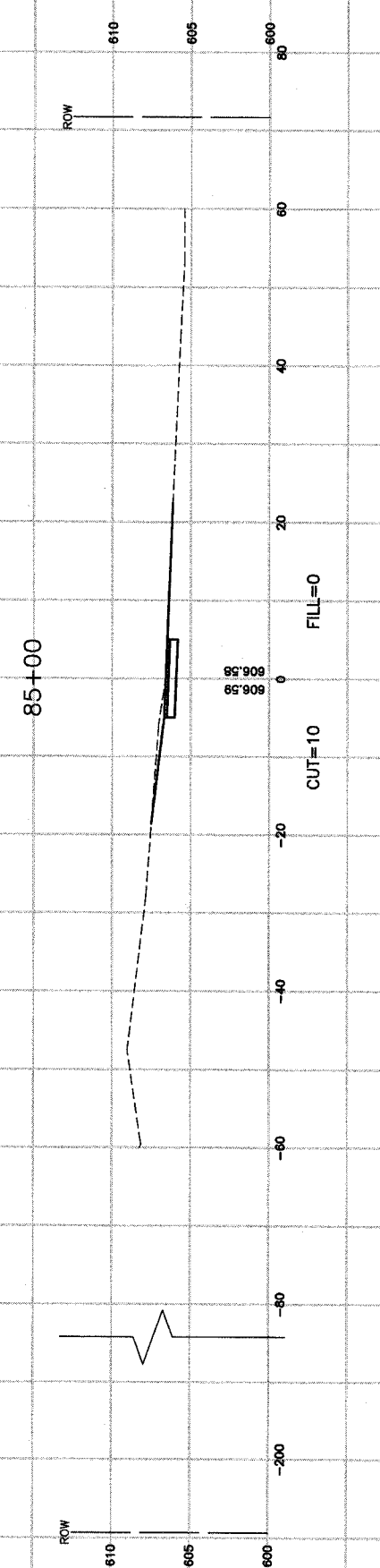
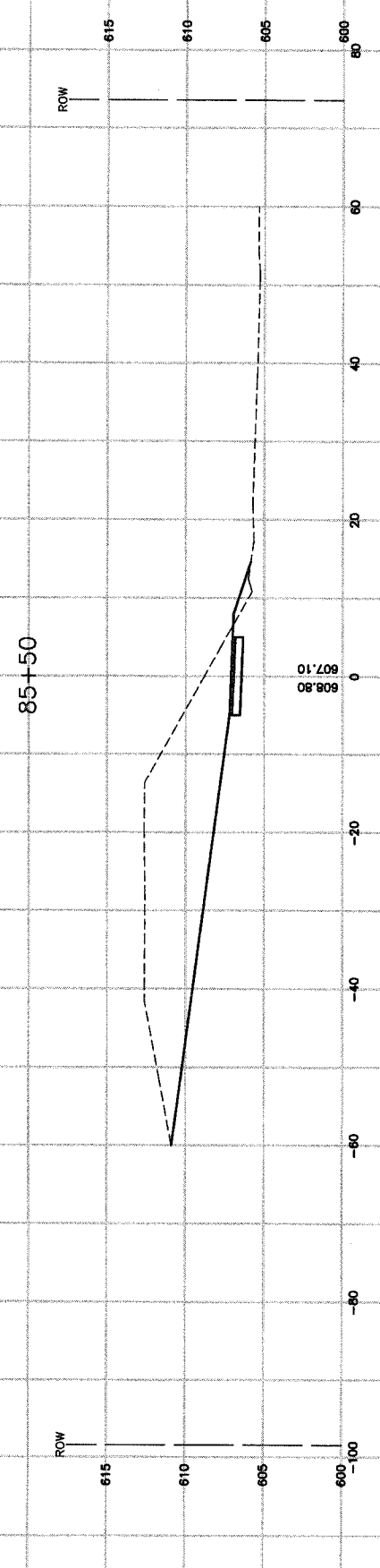
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 041 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	042
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 83+00 TO STA. 85+50**

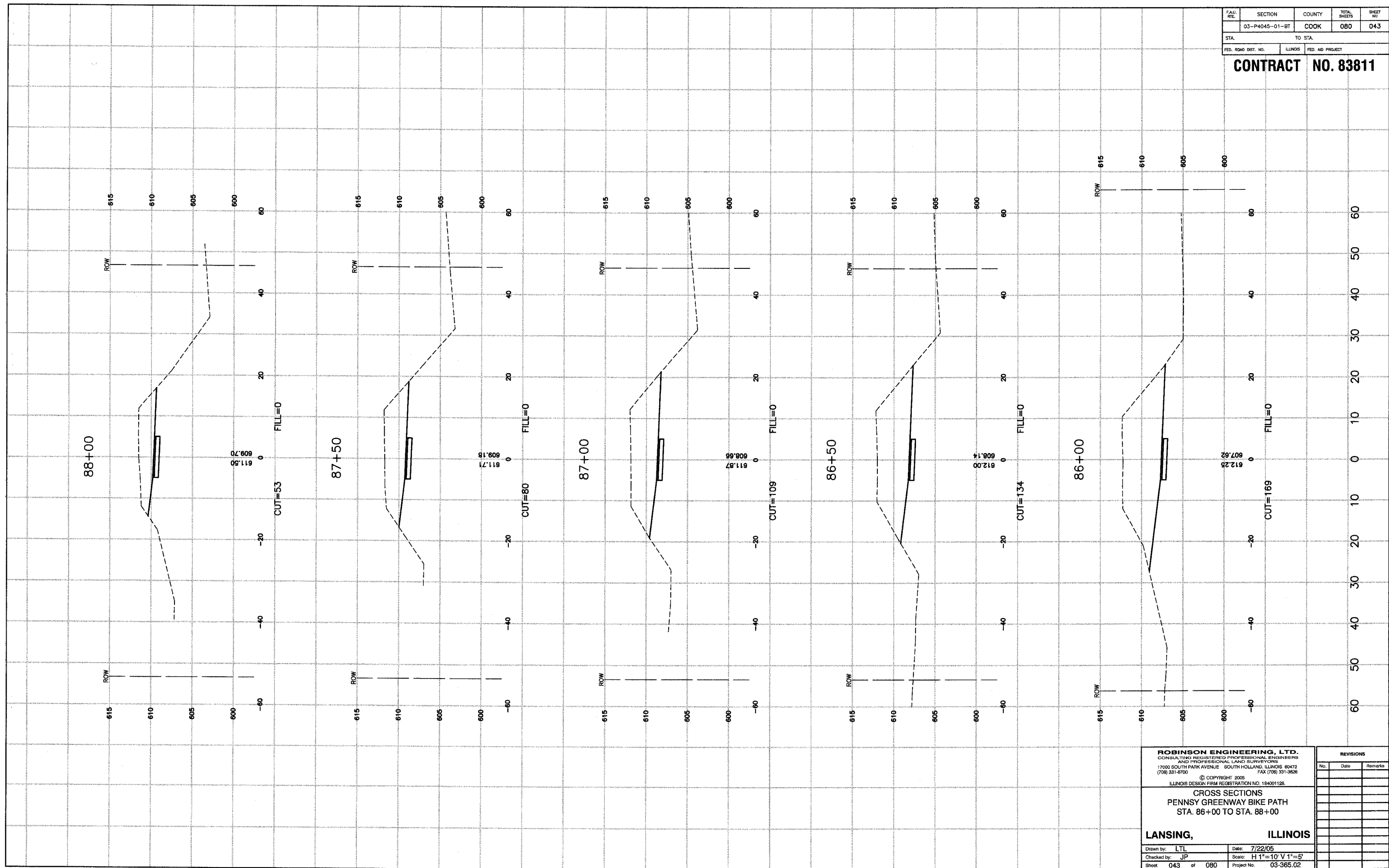
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 042 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	043
STA. TO STA.		FED. AID PROJECT	

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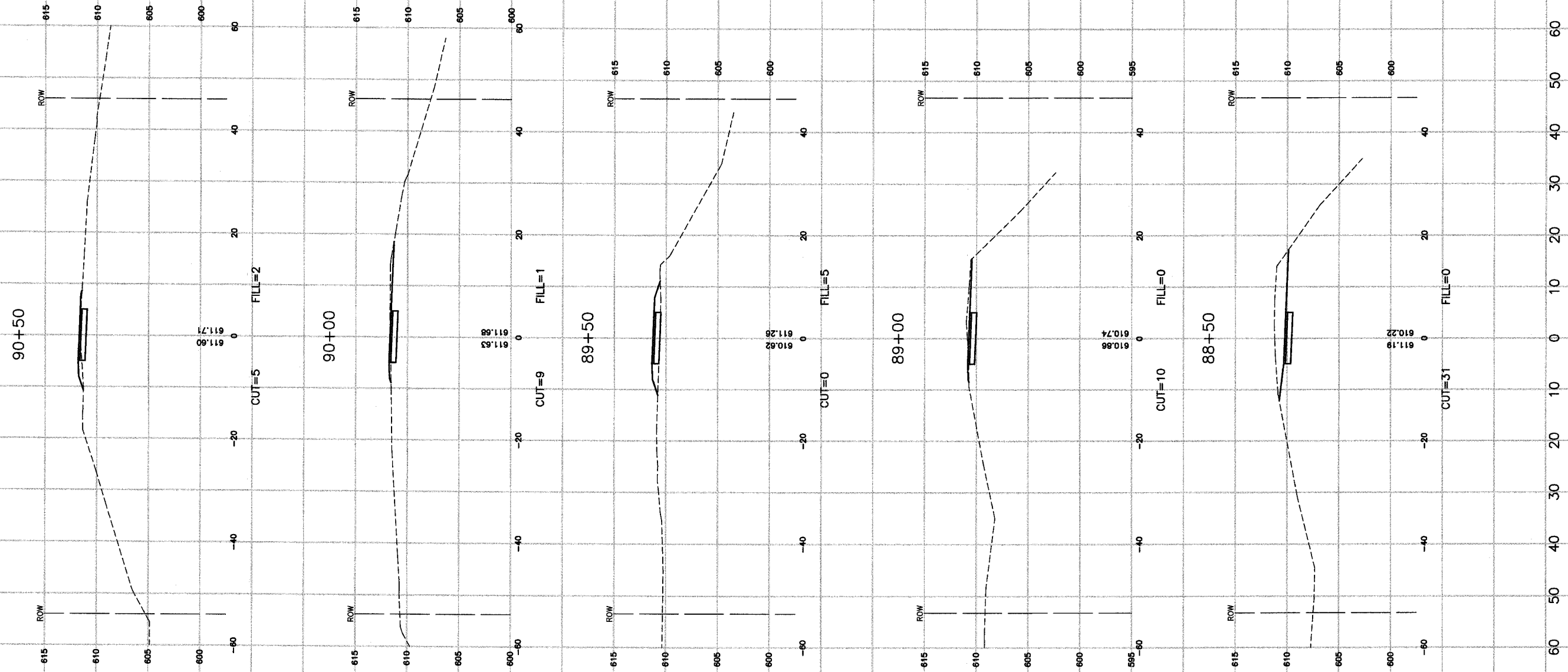
**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 86+00 TO STA. 88+00**

**LANSING, ILLINOIS**  
Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 043 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

F.A.M. NTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	044
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 88+50 TO STA. 90+50**

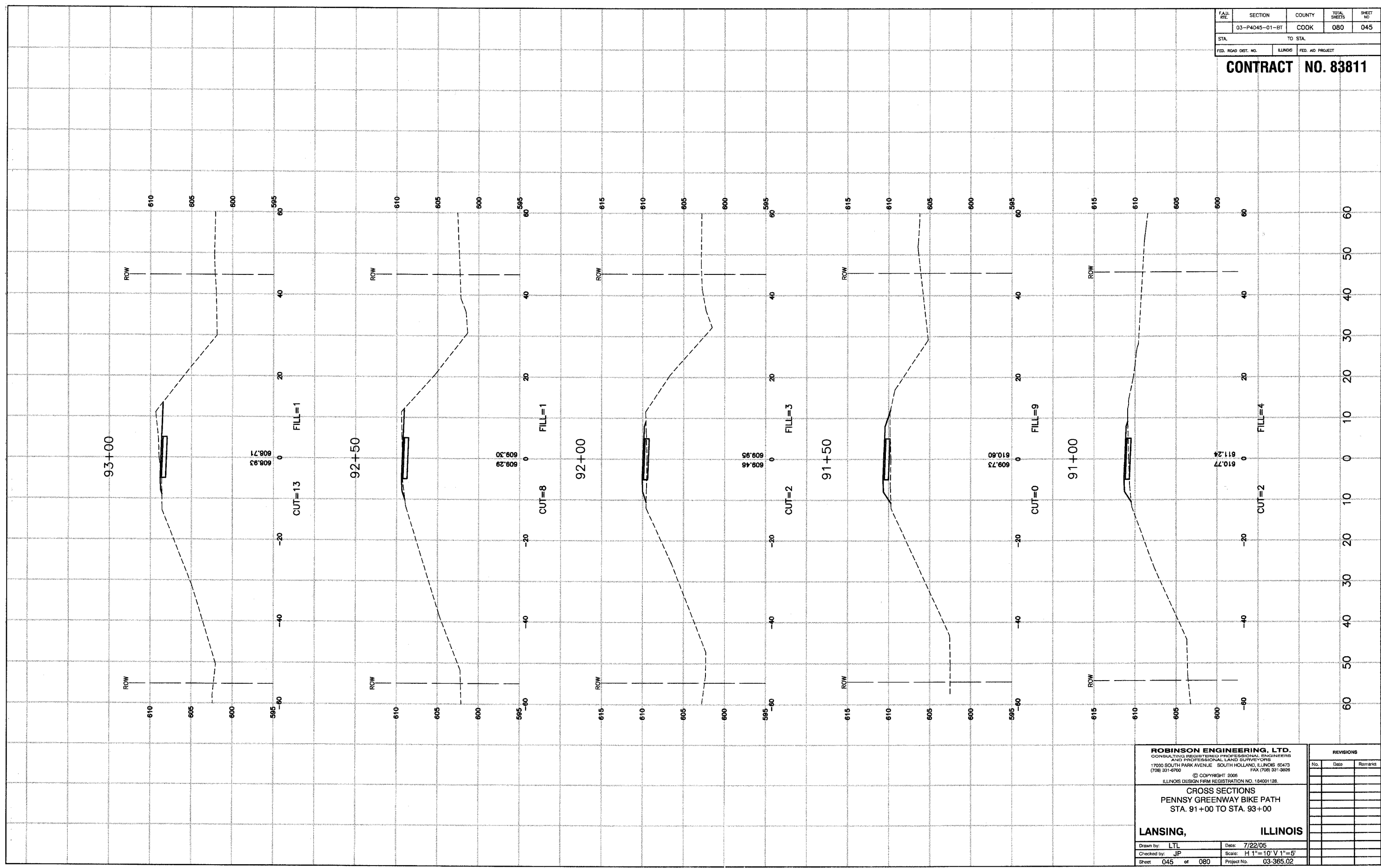
**LANSING, ILLINOIS**

Drawn by: LTL	Date: 7/22/05
Checked by: JP	Scale: H 1"=10' V 1"=5'
Sheet 044 of 080	Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

F.A.H. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	045
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 91+00 TO STA. 93+00**

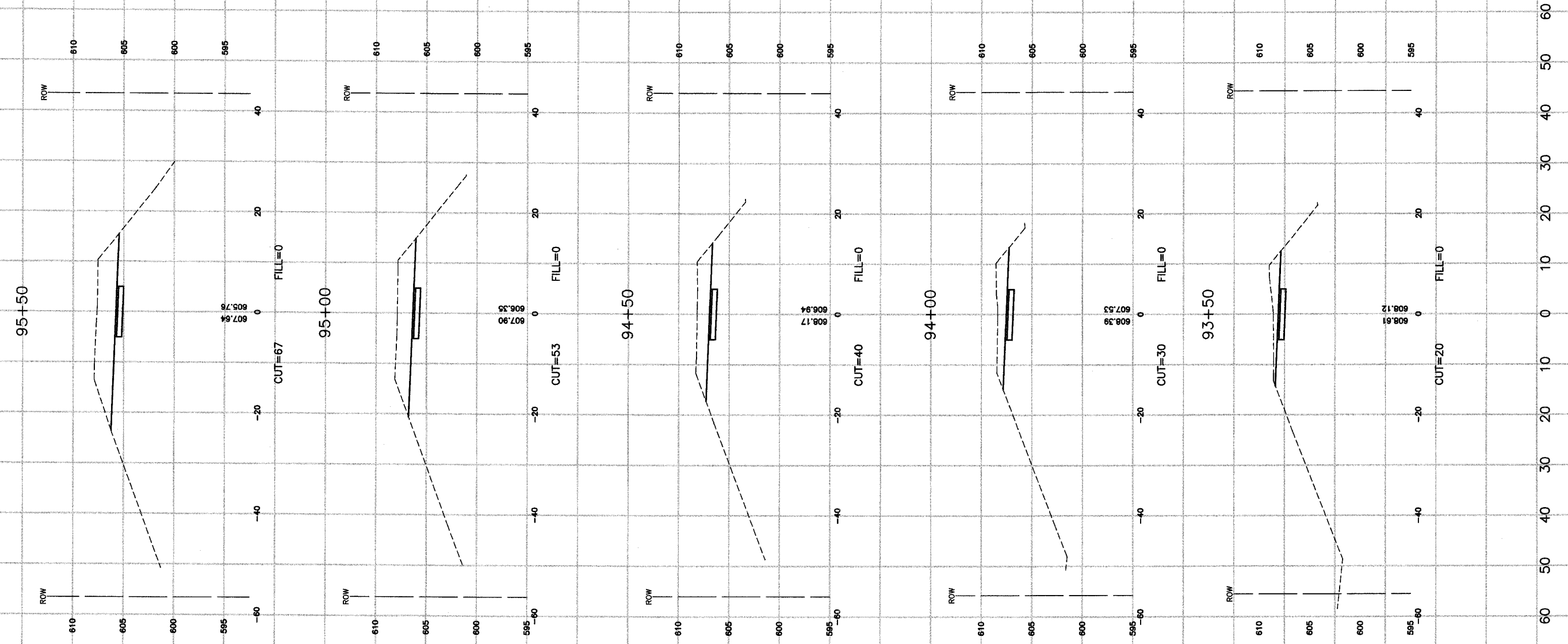
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 045 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	046
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 93+50 TO STA. 95+50

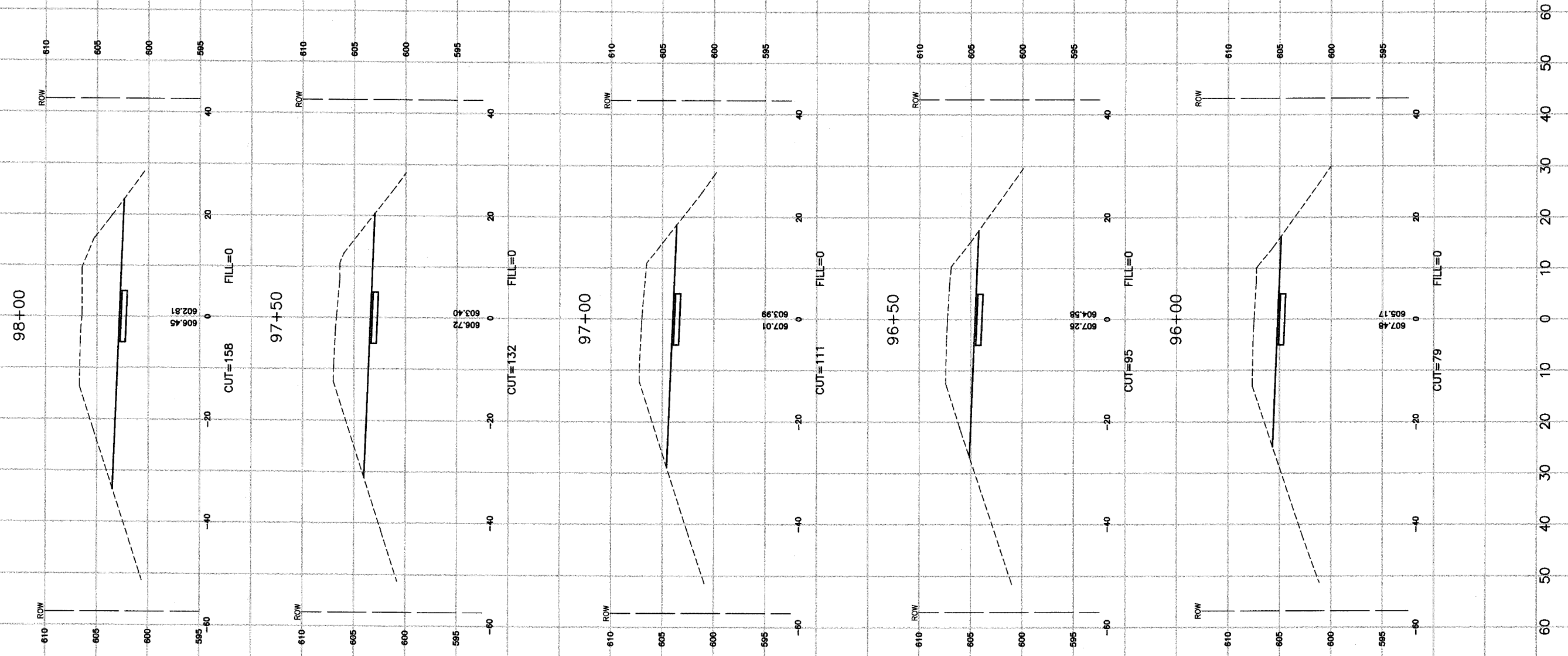
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet: 046 of 080 Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	047
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS  
 PENNSY GREENWAY BIKE PATH  
 STA. 96+00 TO STA. 98+00**

**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 047 of 080 Project No. 03-365.02

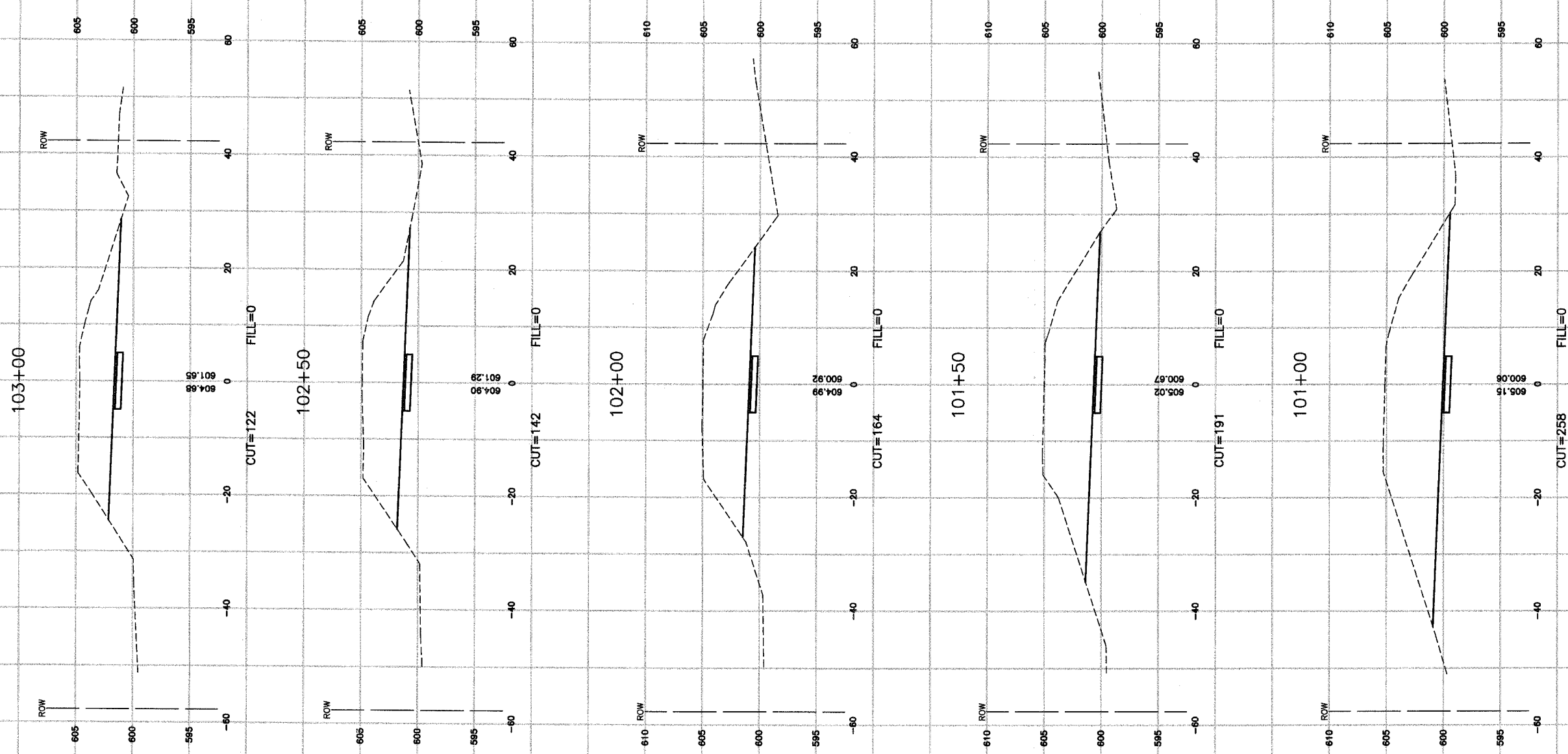
REVISIONS		
No.	Date	Remarks





SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	049
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

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**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 101+00 TO STA. 103+00**

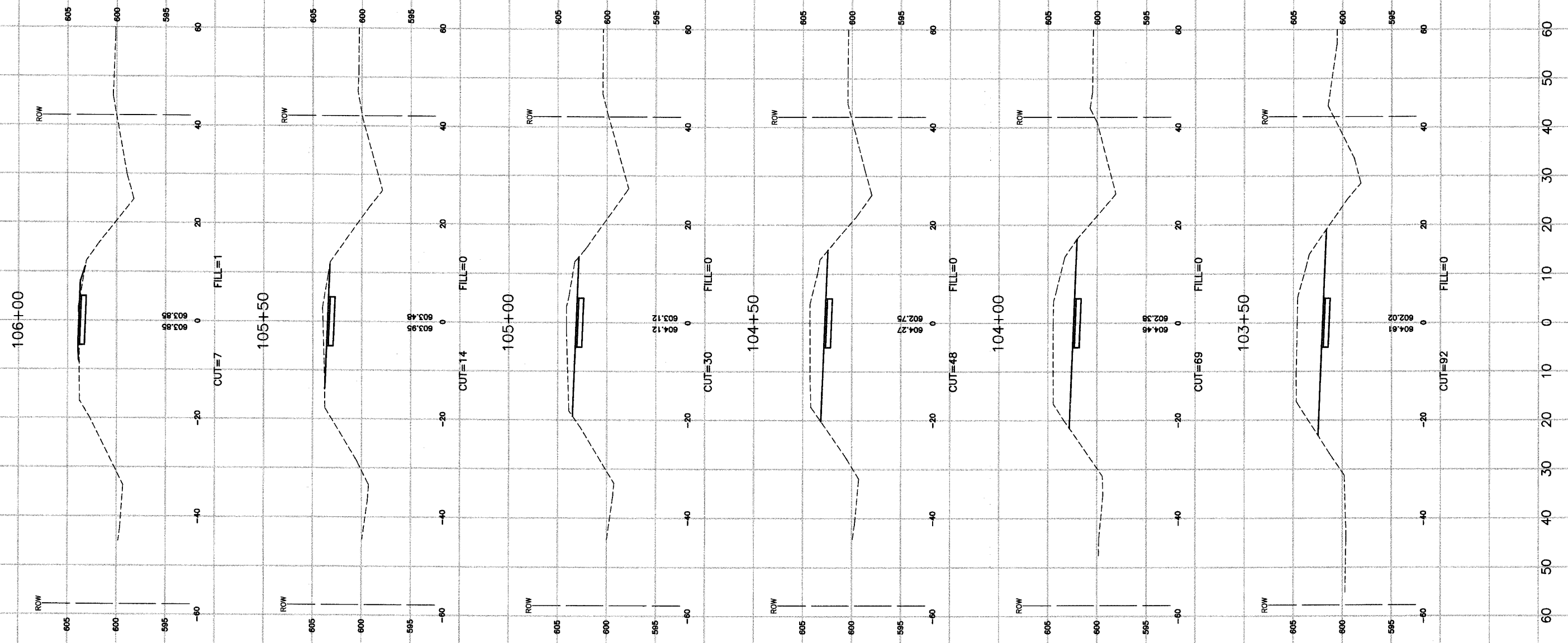
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 049 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	050
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 103+50 TO STA. 106+00

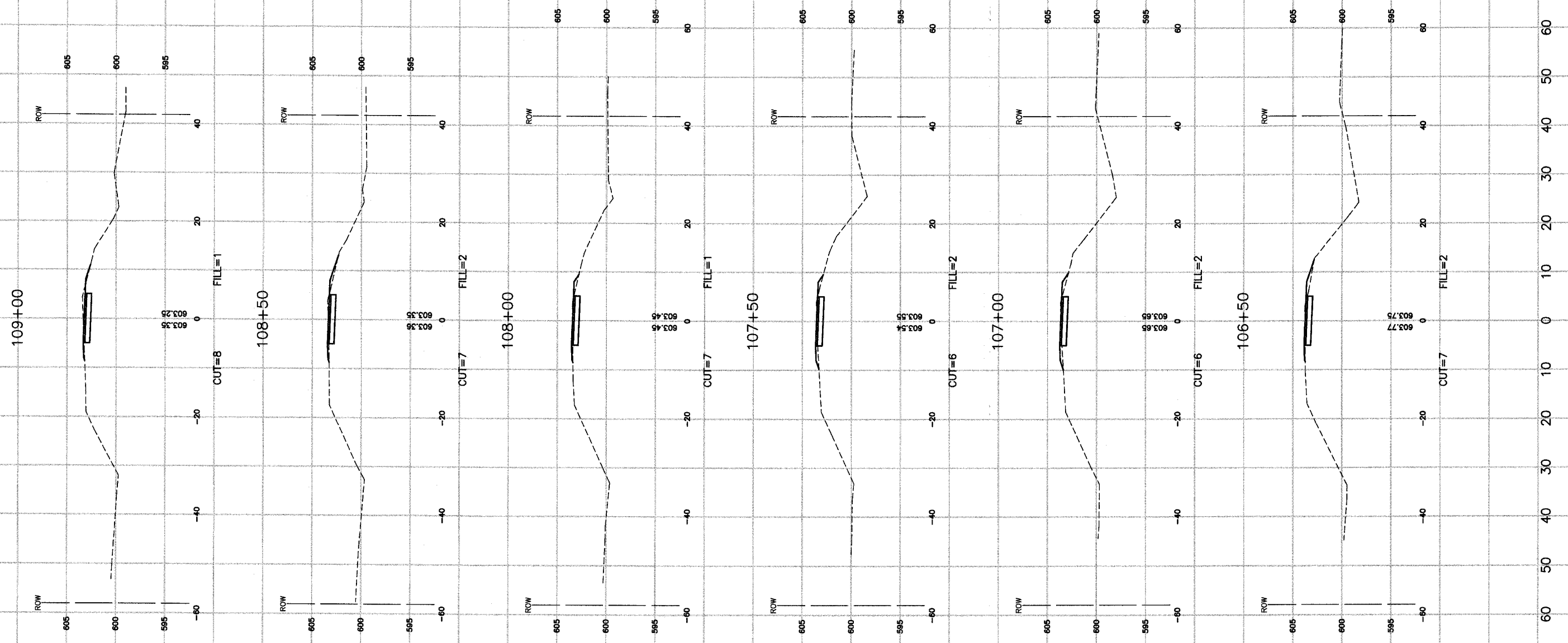
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 050 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	051
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 106+50 TO STA. 109+00

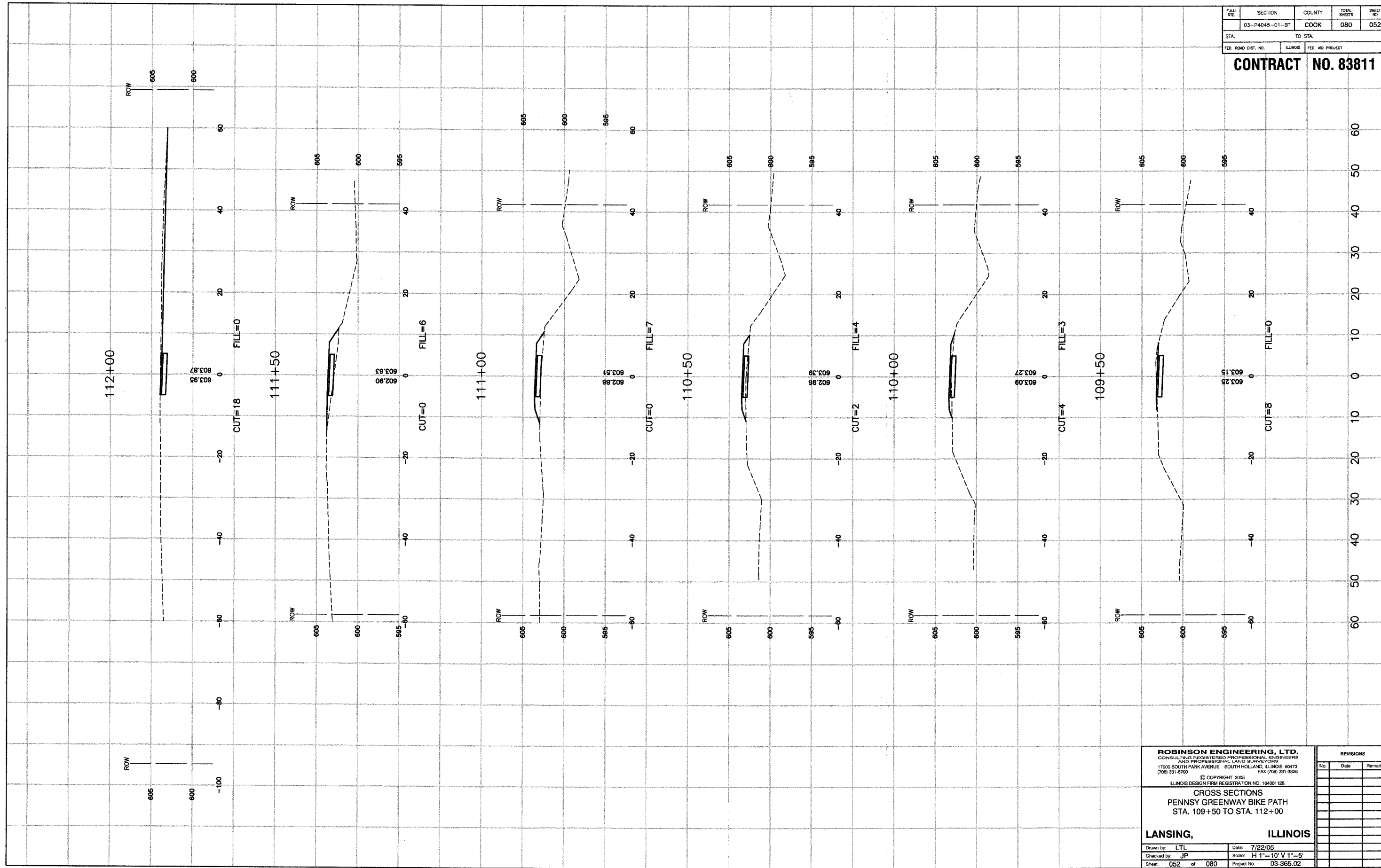
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 051 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FALL RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	052
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 109+50 TO STA. 112+00**

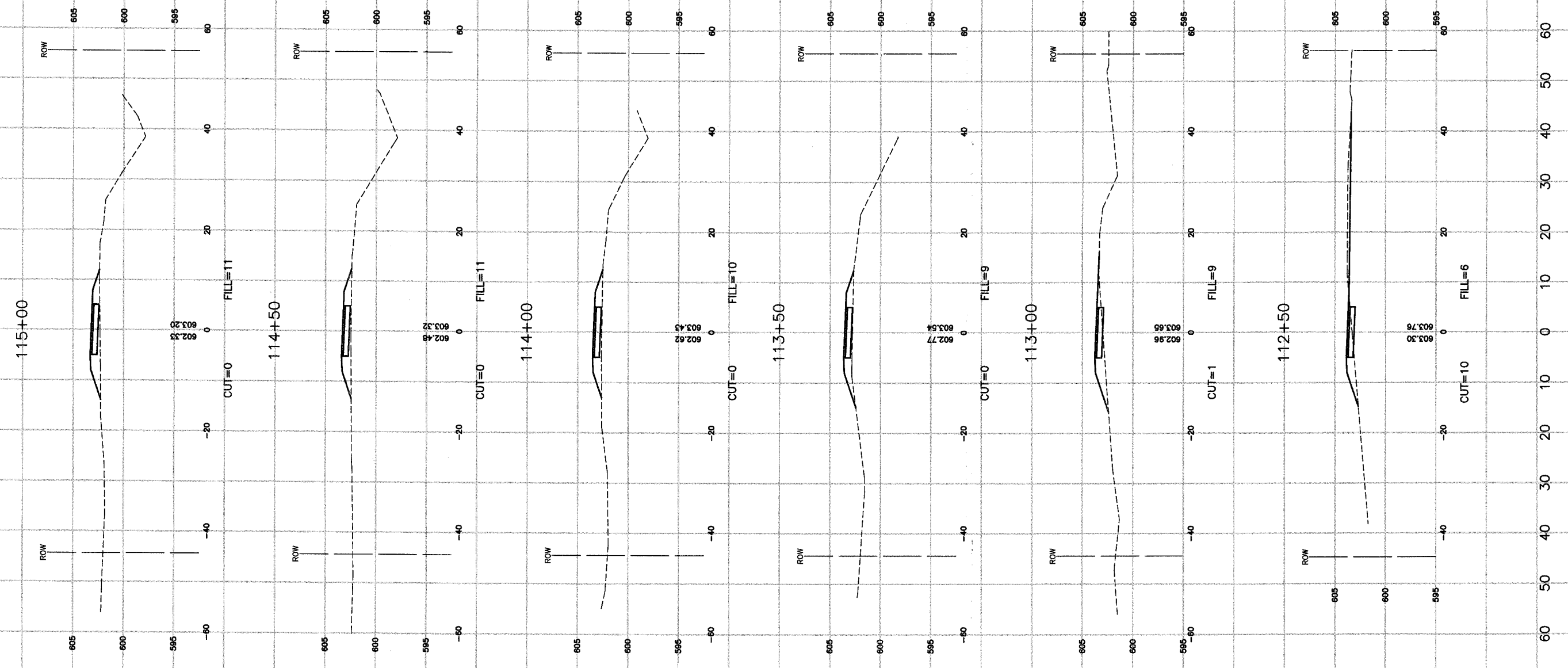
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet: 052 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	053
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 112+50 TO STA. 115+00

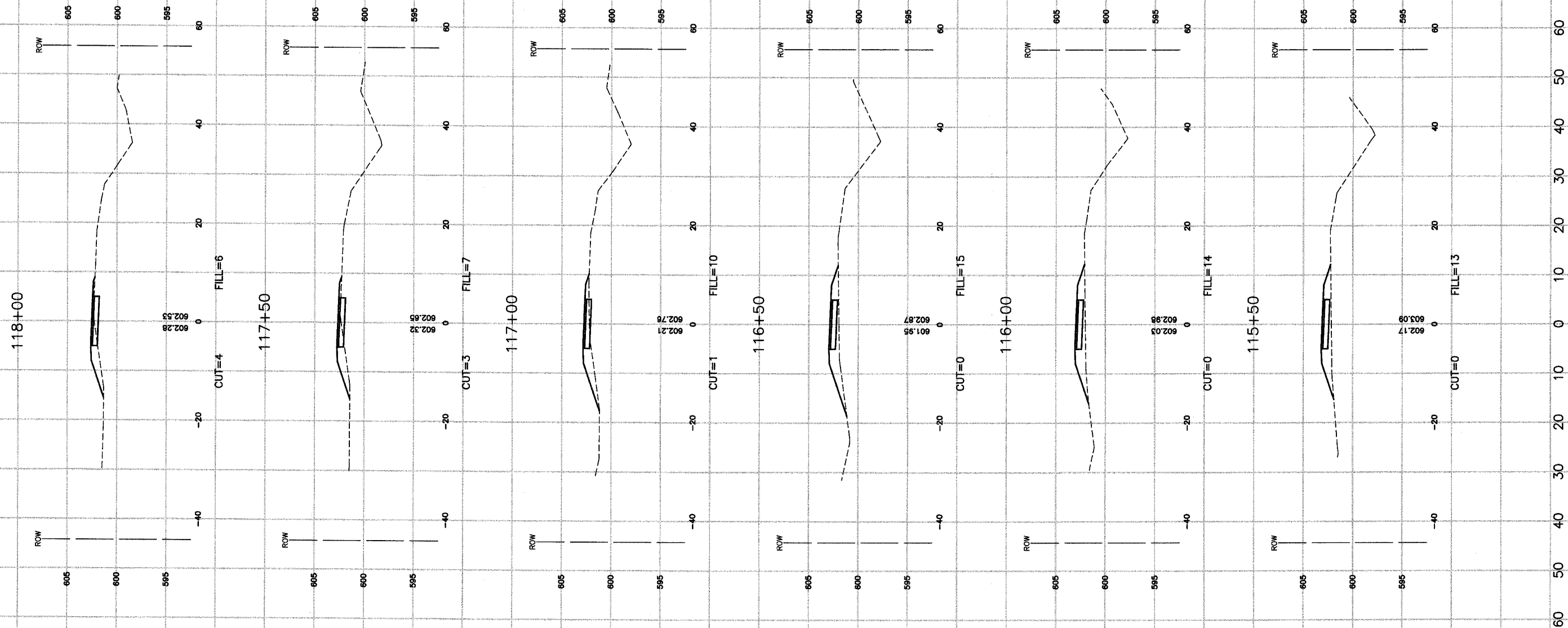
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 053 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAW. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	054
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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REVISIONS		
No.	Date	Remarks

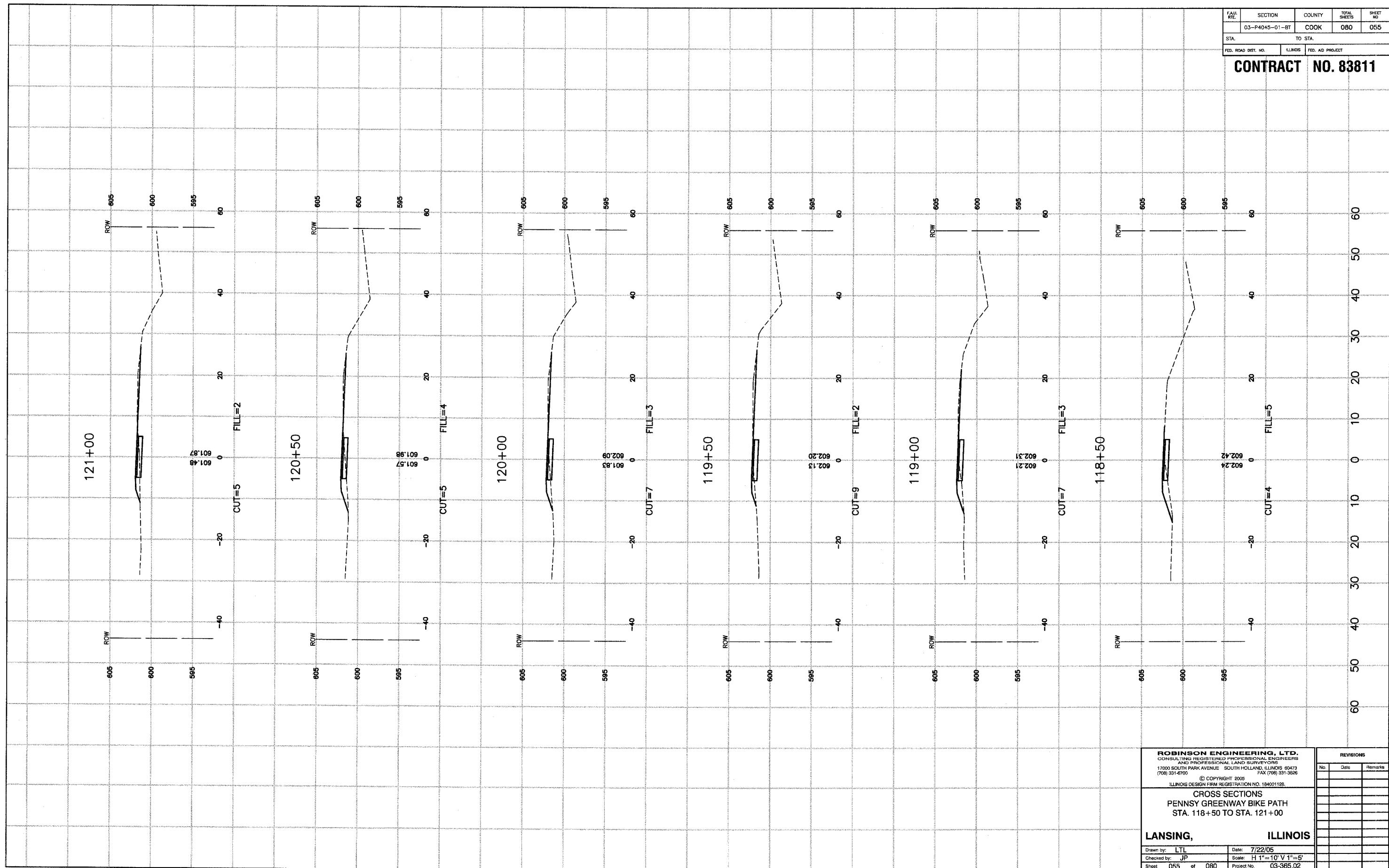
**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 115+50 TO STA. 118+00**

**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 054 of 080 Project No. 03-365.02

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	055
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 118+50 TO STA. 121+00**

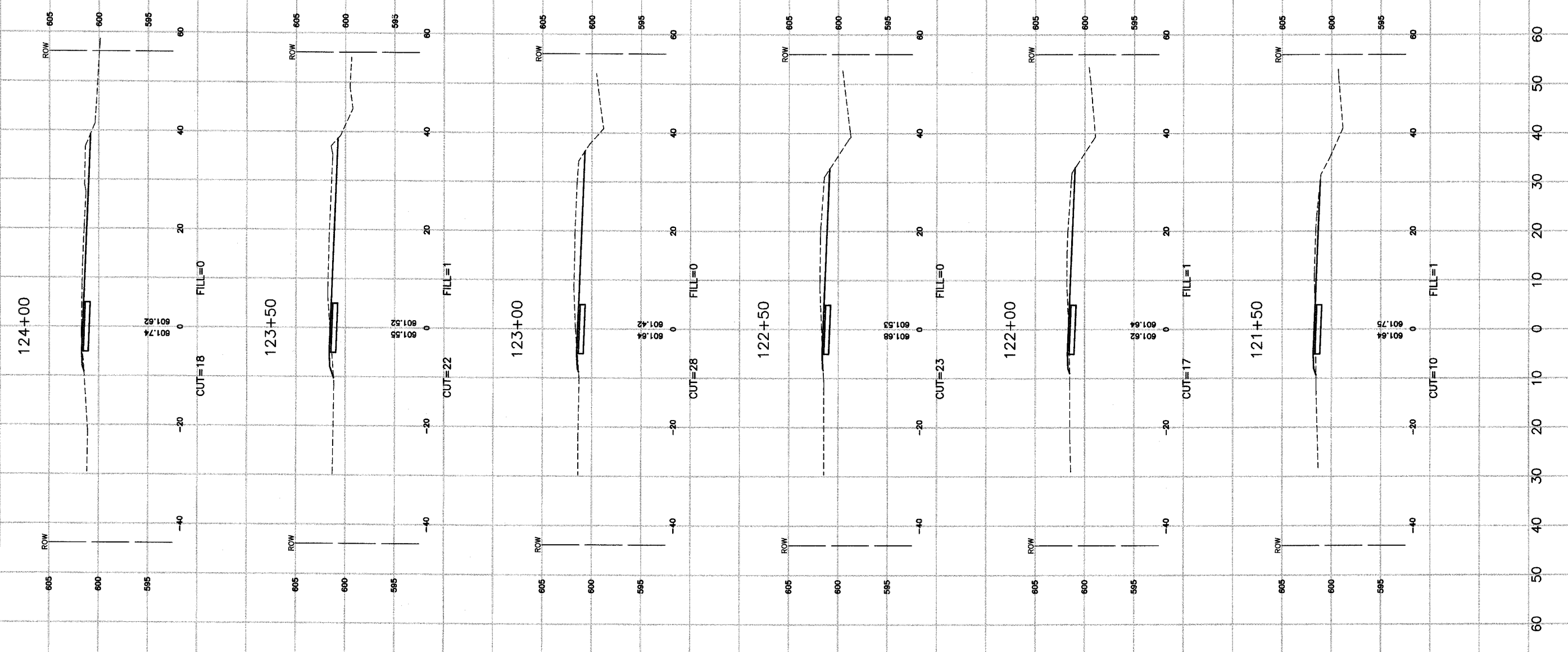
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 055 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	056
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS  
PENNSY GREENWAY BIKE PATH  
STA. 121+50 TO STA. 124+00**

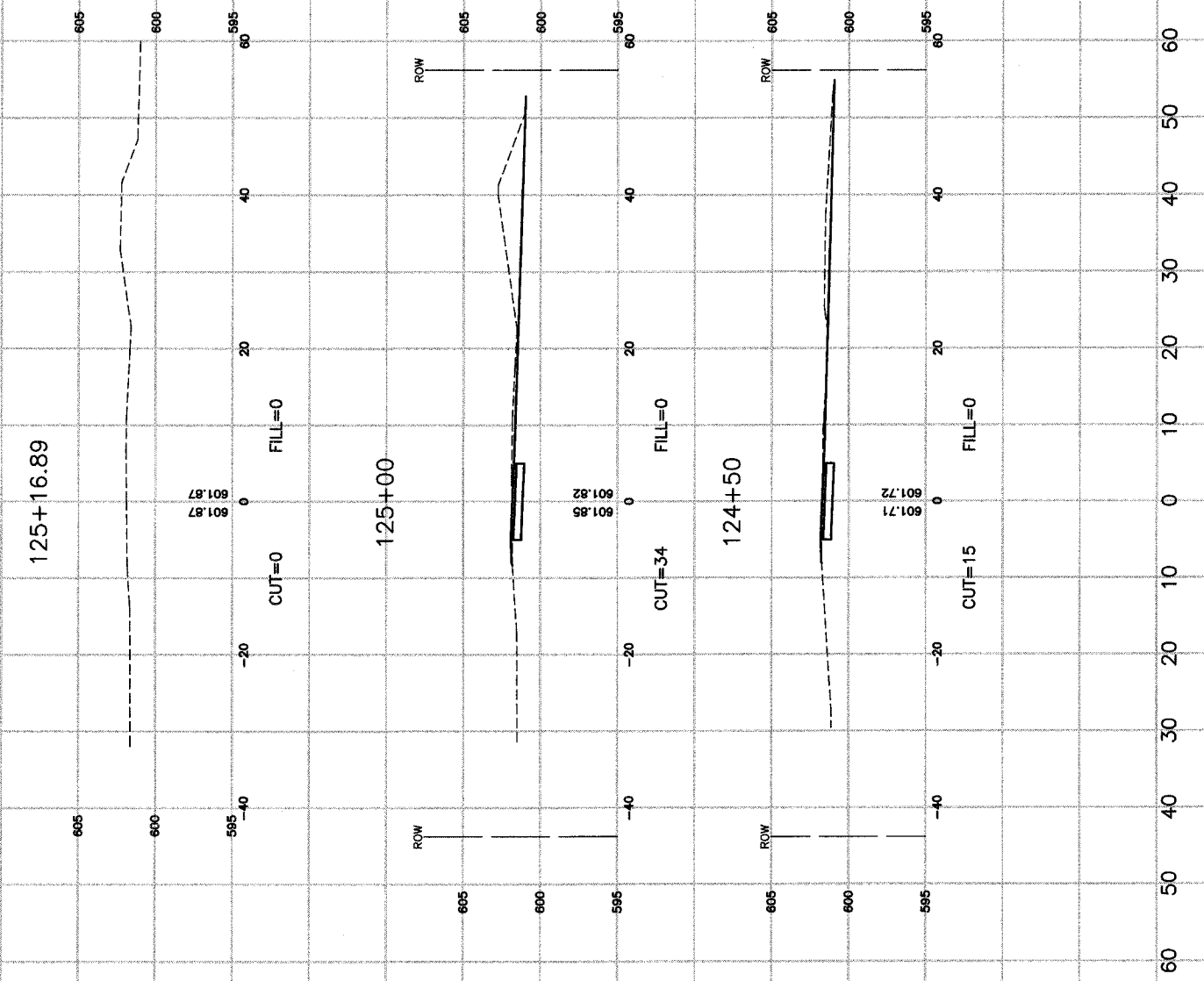
**LANSING, ILLINOIS**  
Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"= 10' V 1"= 5'  
Sheet 056 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



FAU. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-9T	COOK	080	057
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 124+50 TO STA. 125+16.89

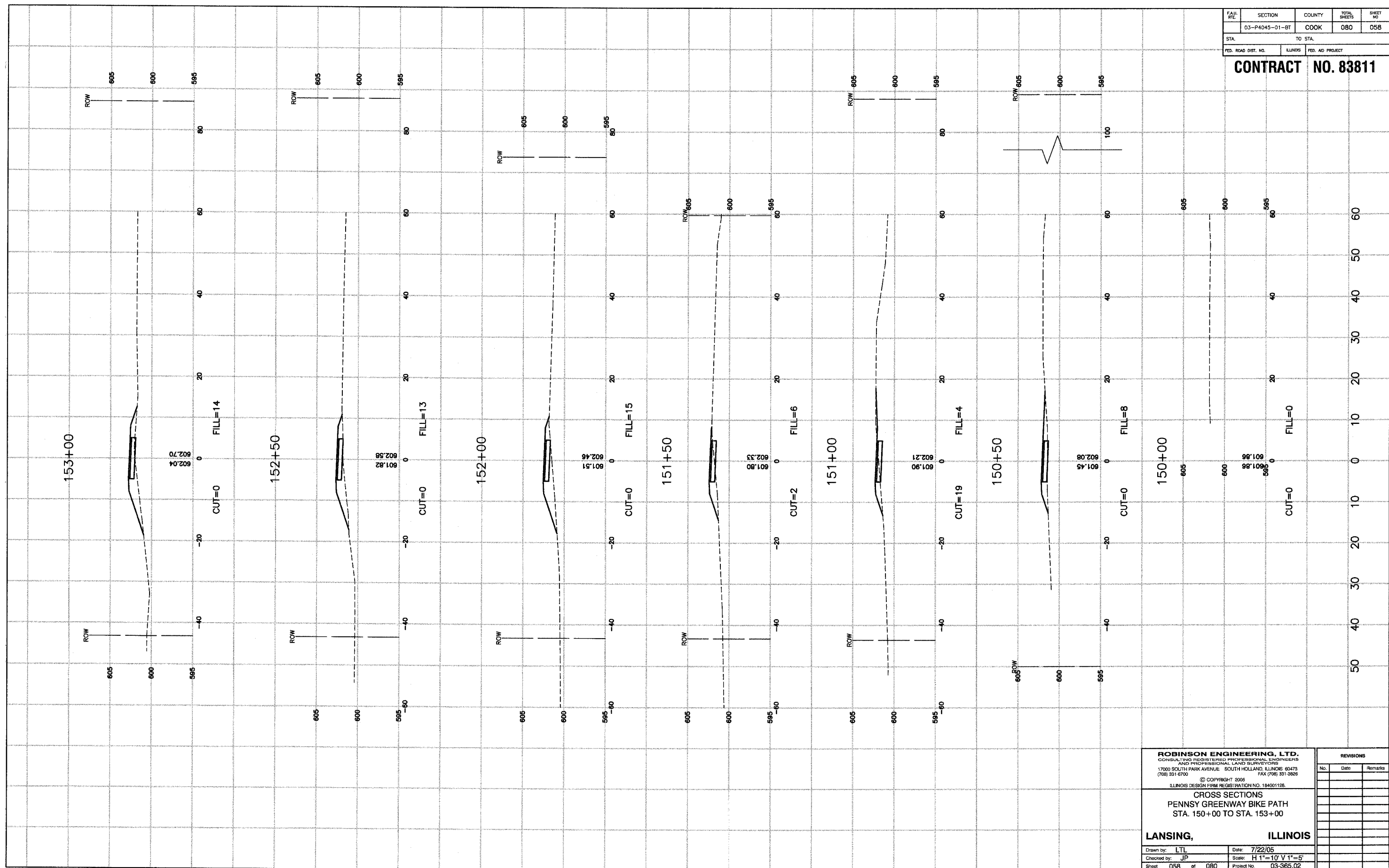
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet: 057 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	058
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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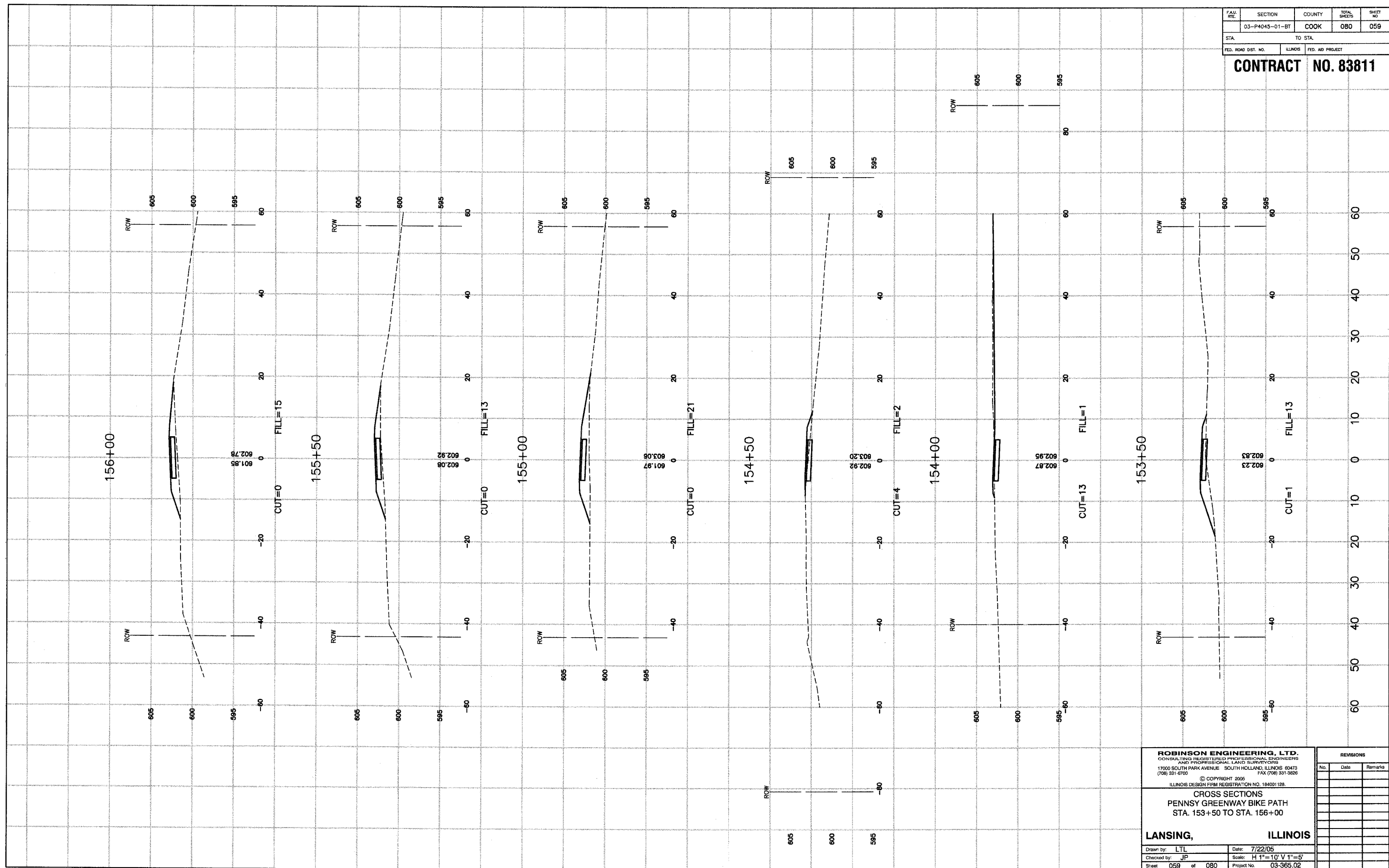
**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 150+00 TO STA. 153+00**

**LANSING, ILLINOIS**  
 Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 058 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAM. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	059
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 153+50 TO STA. 156+00**

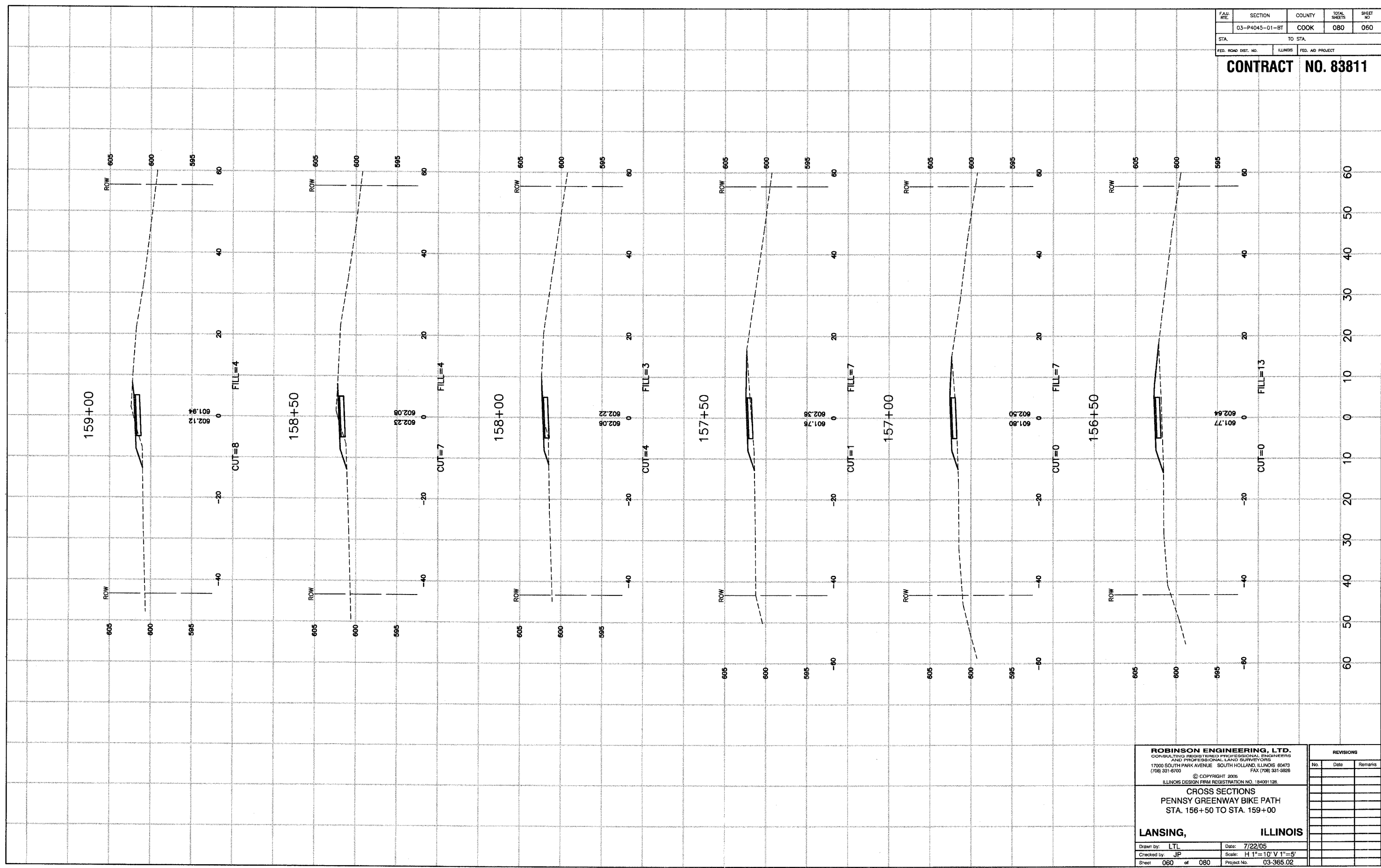
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 059 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	060
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 156+50 TO STA. 159+00**

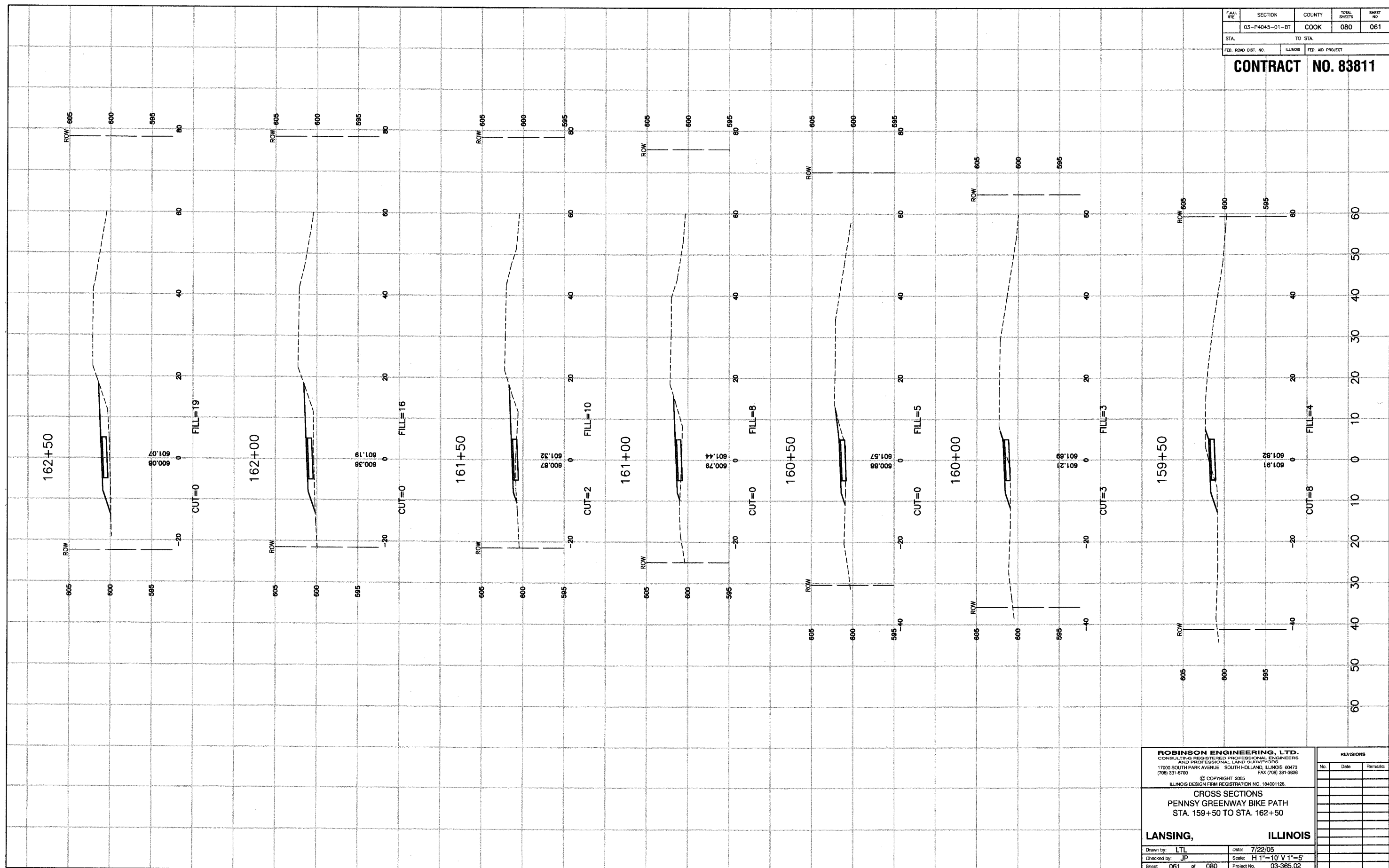
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 060 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAM. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	061
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 159+50 TO STA. 162+50**

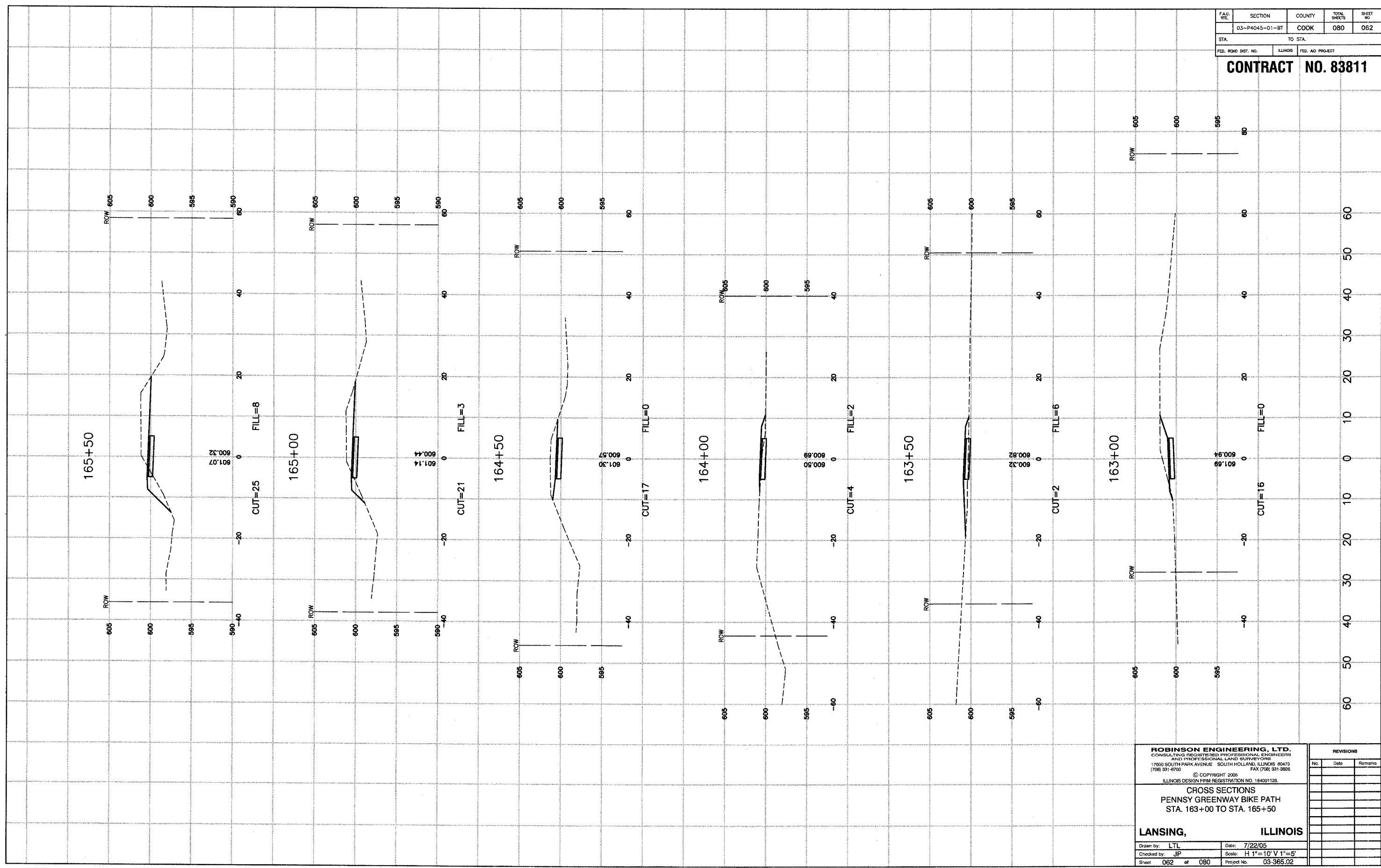
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 061 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	062
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 163+00 TO STA. 165+50**

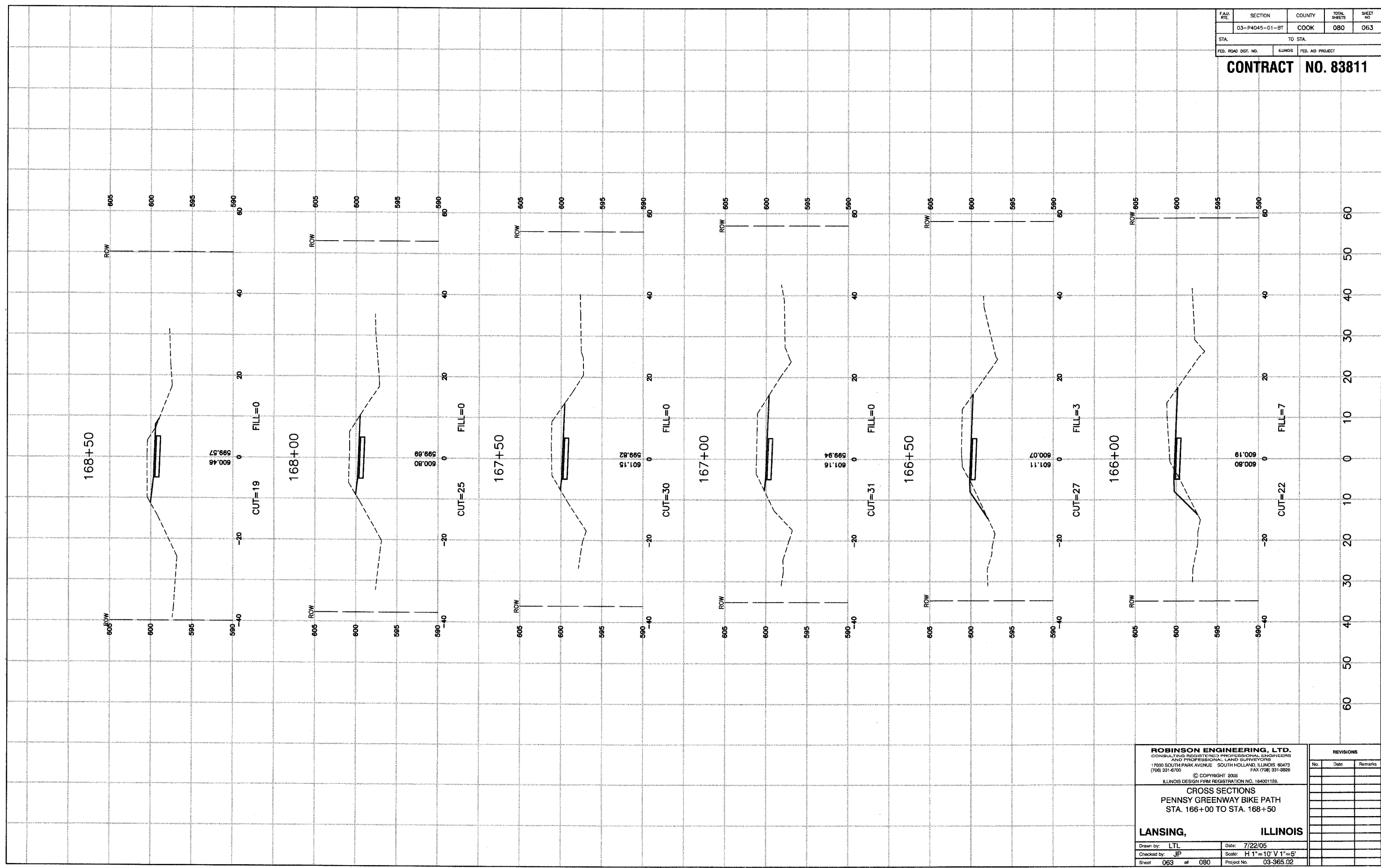
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 062 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	063
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 166+00 TO STA. 168+50**

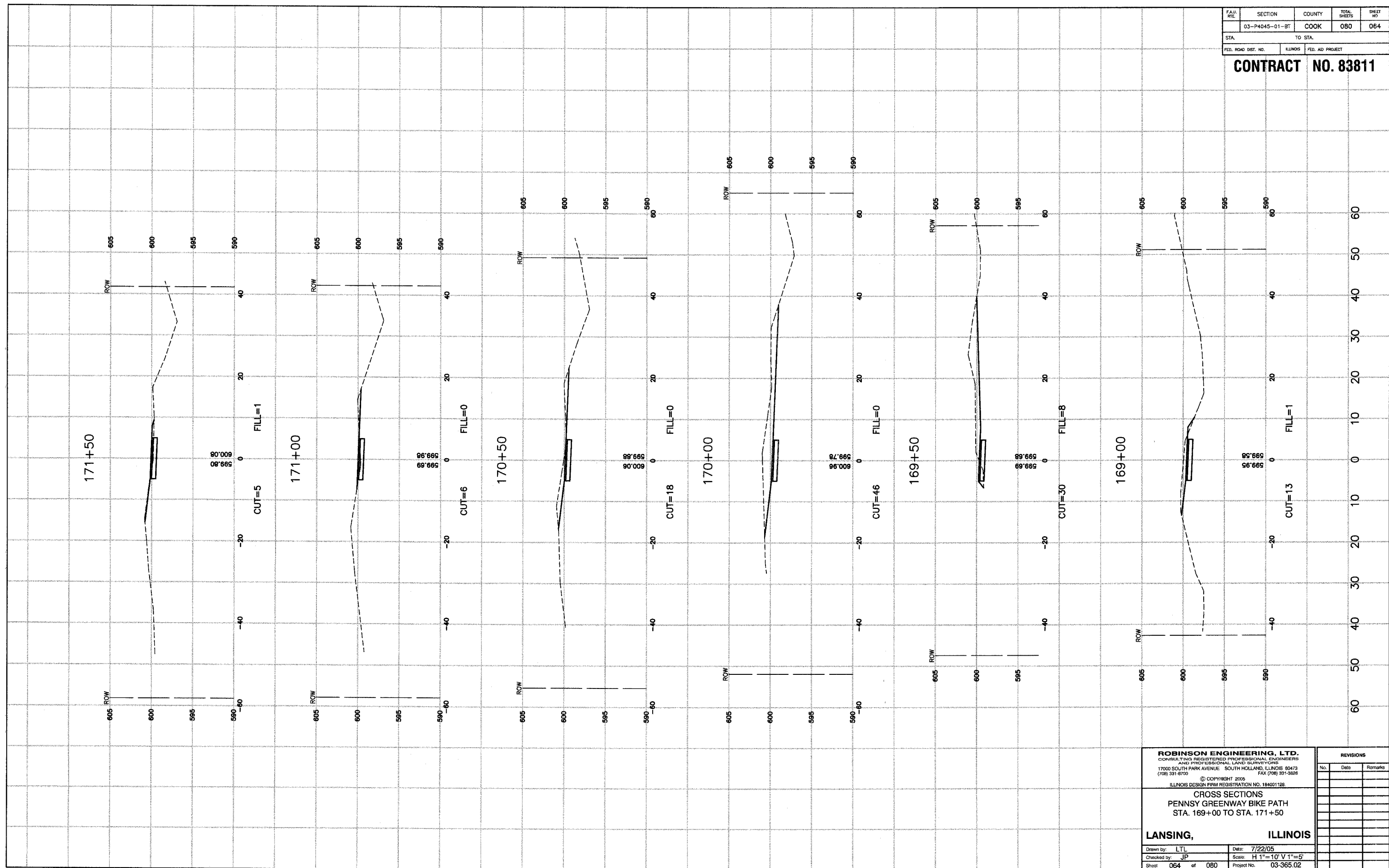
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 063 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	064
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 169+00 TO STA. 171+50

**LANSING, ILLINOIS**

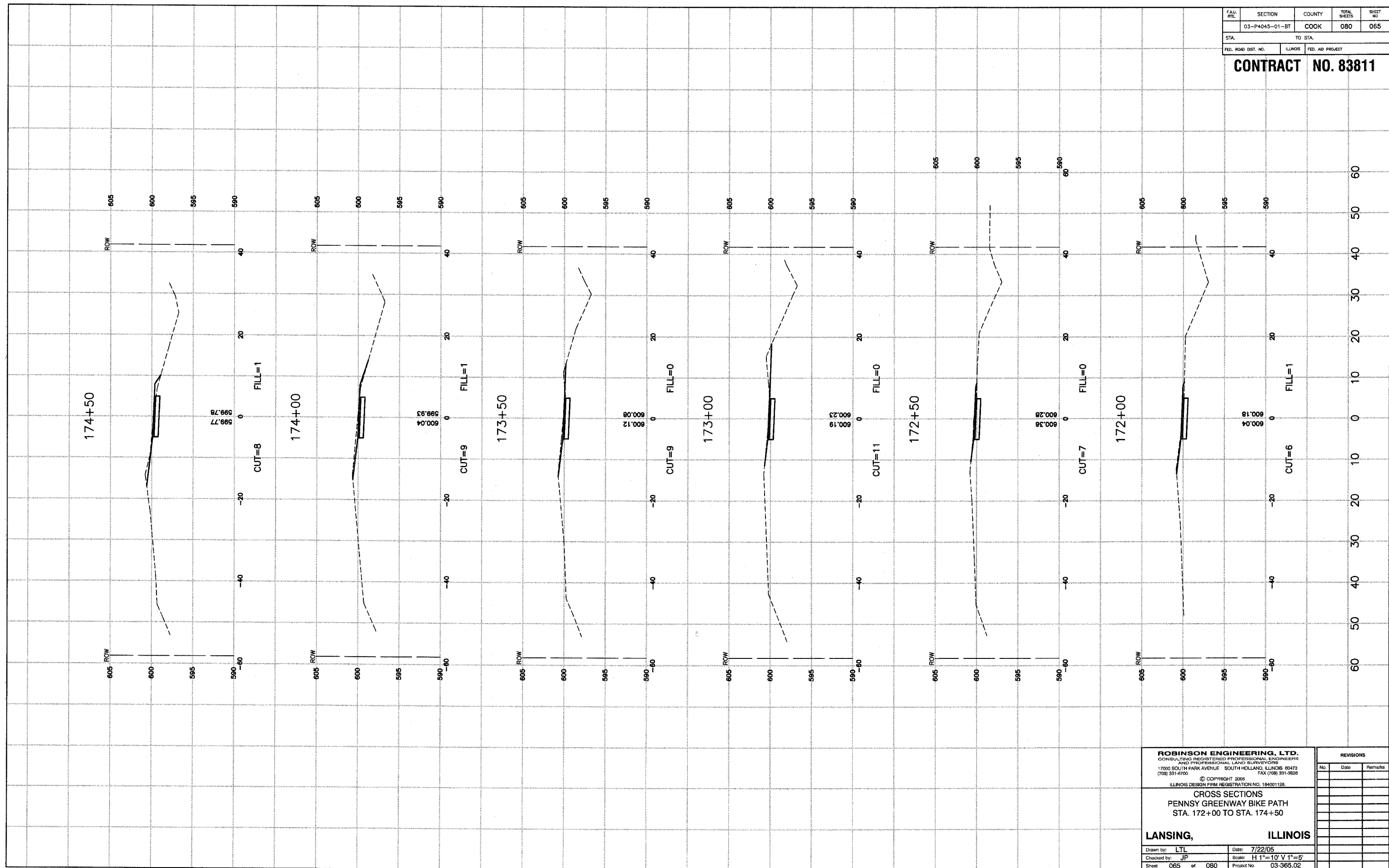
Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 064 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	065
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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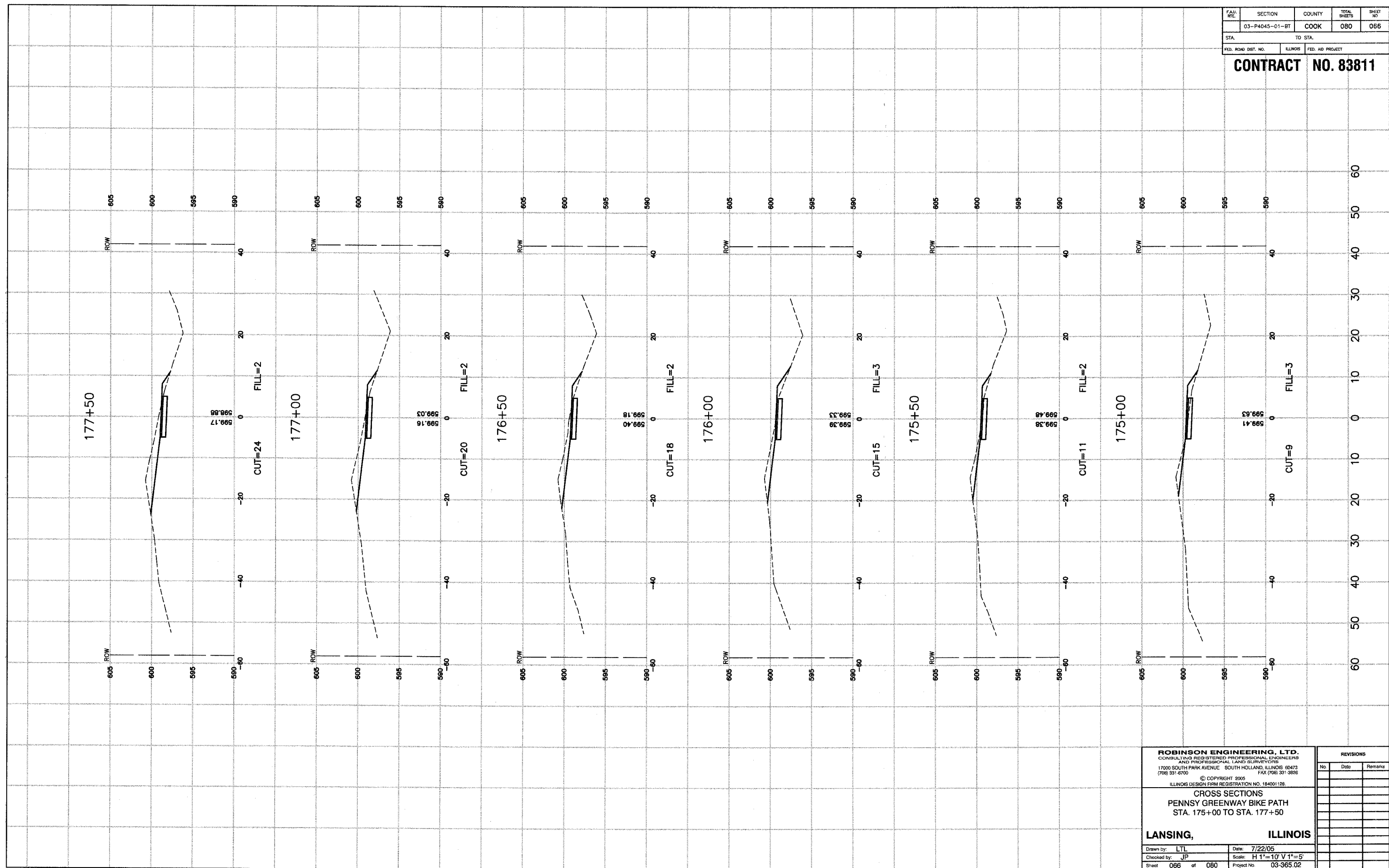
**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 172+00 TO STA. 174+50**

**LANSING, ILLINOIS**  
Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 065 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	066
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 175+00 TO STA. 177+50**

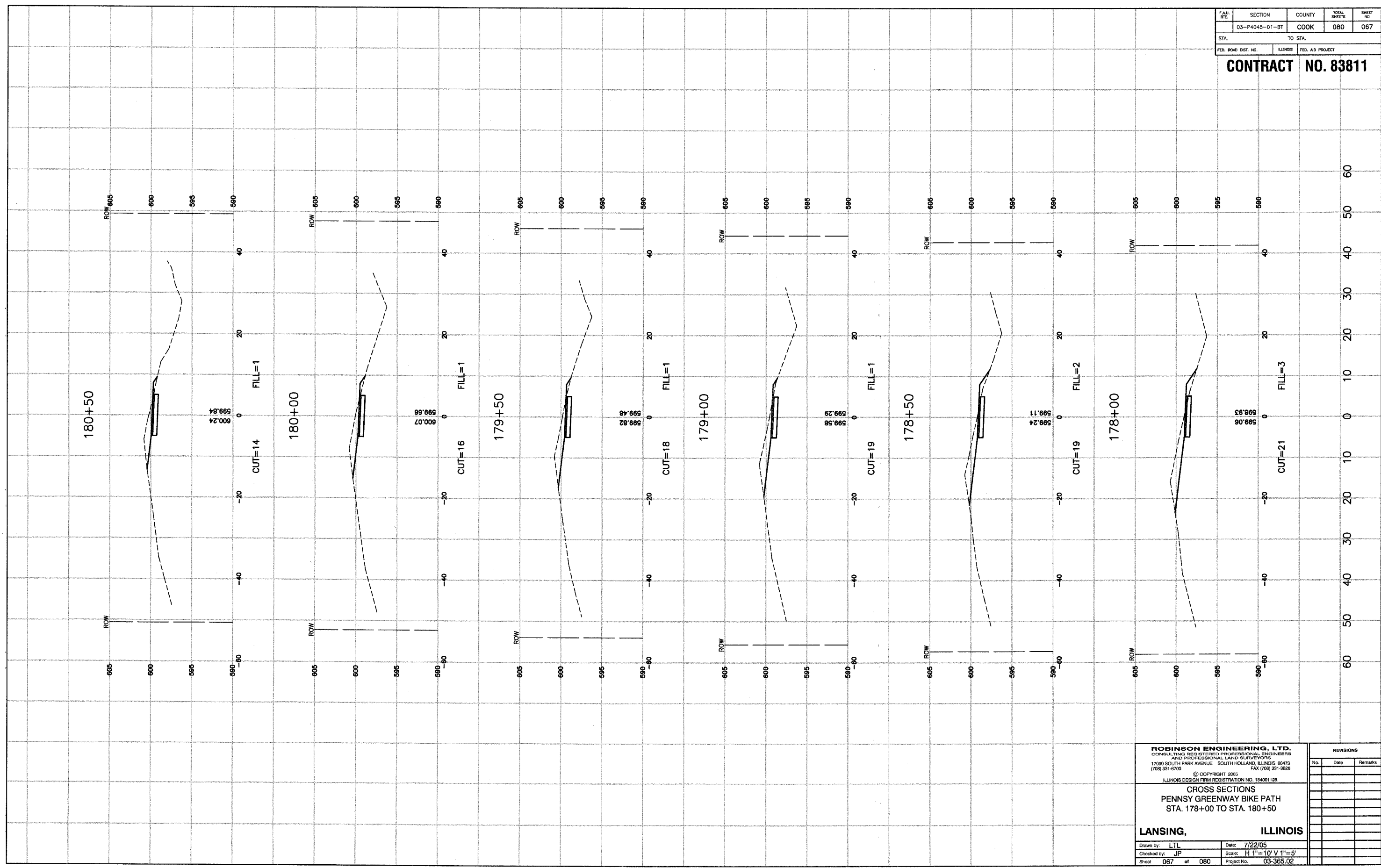
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 066 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAM. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	067
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 178+00 TO STA. 180+50**

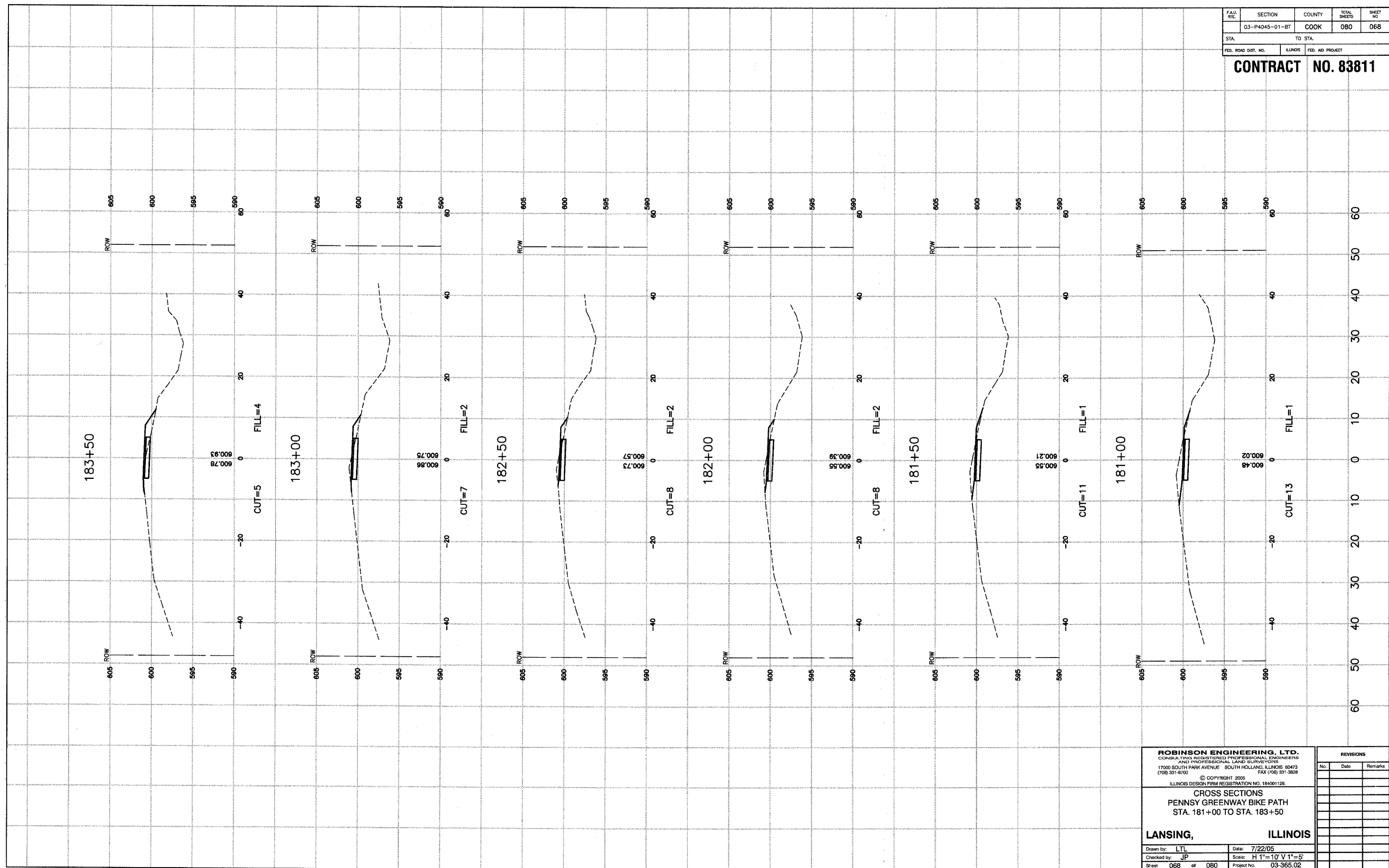
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 067 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	068
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 181+00 TO STA. 183+50**

**LANSING, ILLINOIS**

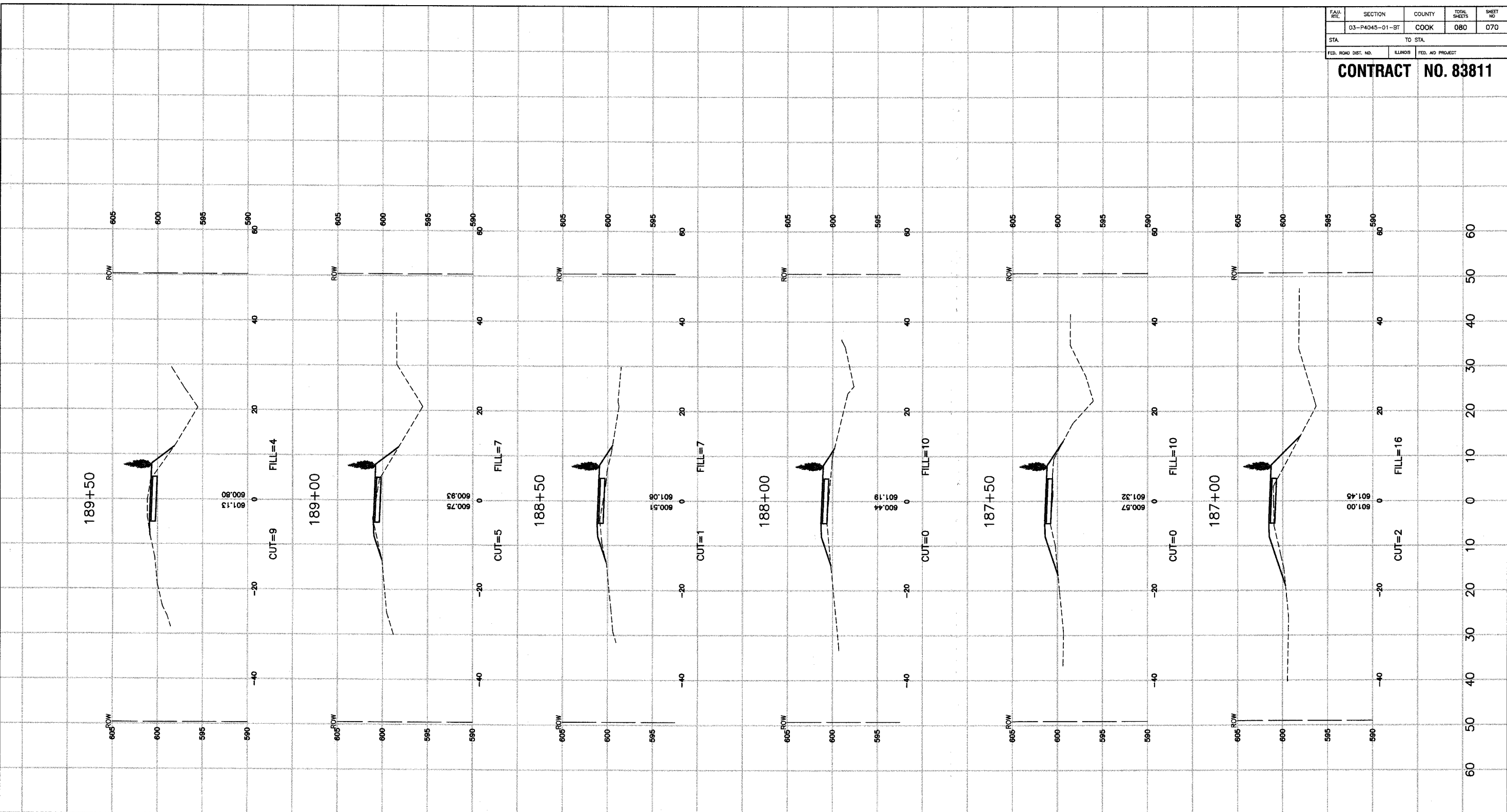
Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 068 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	070
STA. TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 187+00 TO STA. 189+50

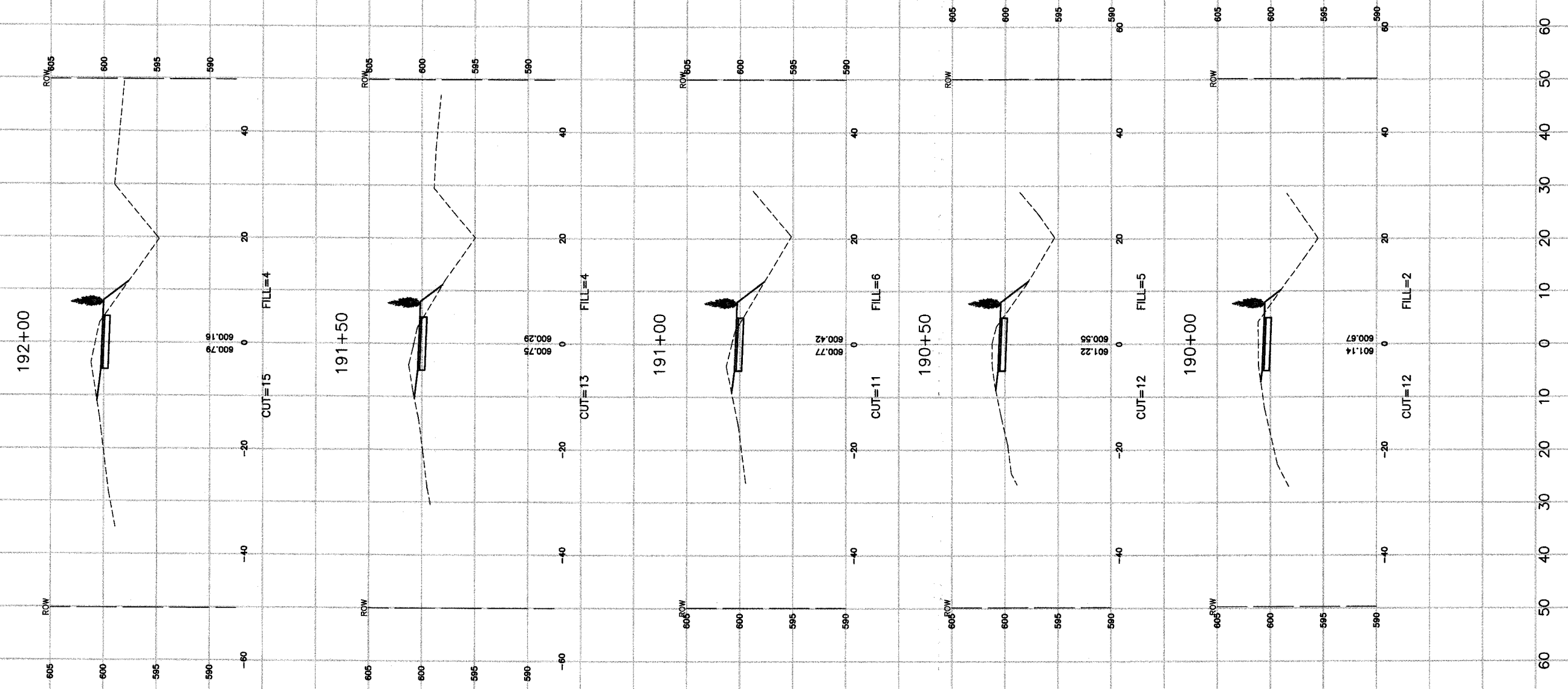
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 070 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAJ. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	071
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 190+00 TO STA. 192+00

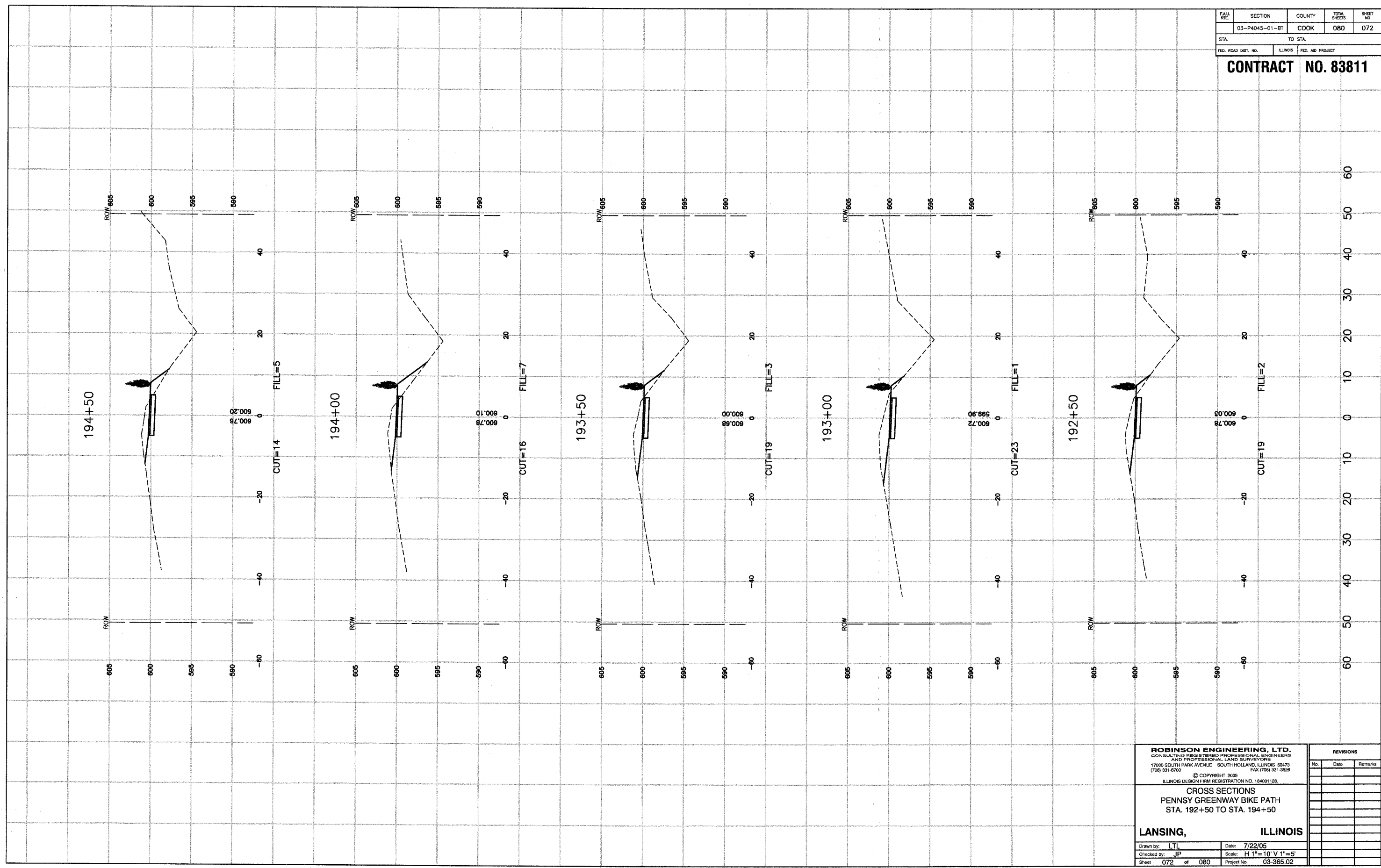
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet: 071 of 080 Project No: 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	072
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 192+50 TO STA. 194+50**

**LANSING, ILLINOIS**

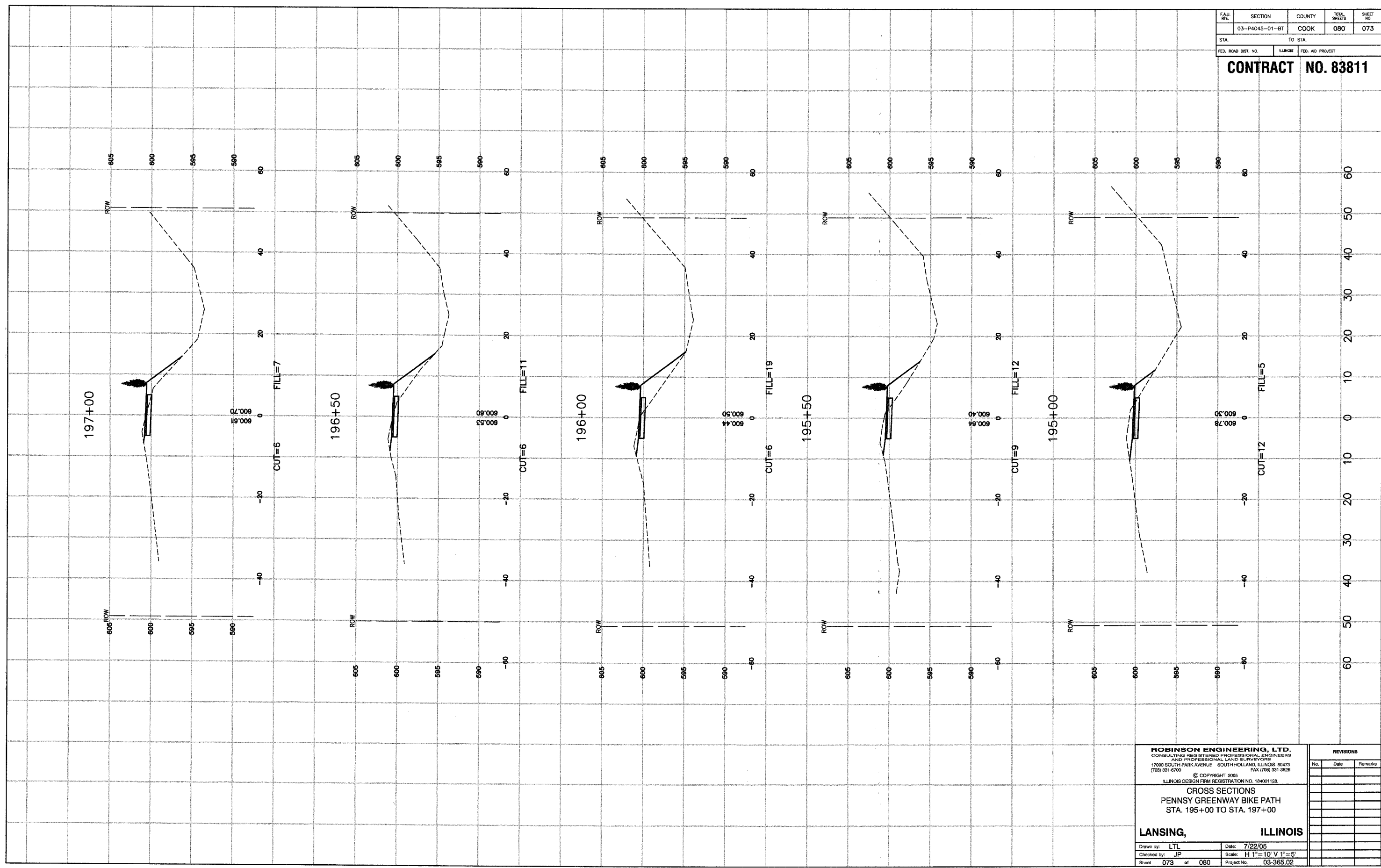
Drawn by: LTL Date: 7/22/05  
Checked by: JP Scale: H 1"=10' V 1"=5'  
Sheet 072 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks



FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	073
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 195+00 TO STA. 197+00**

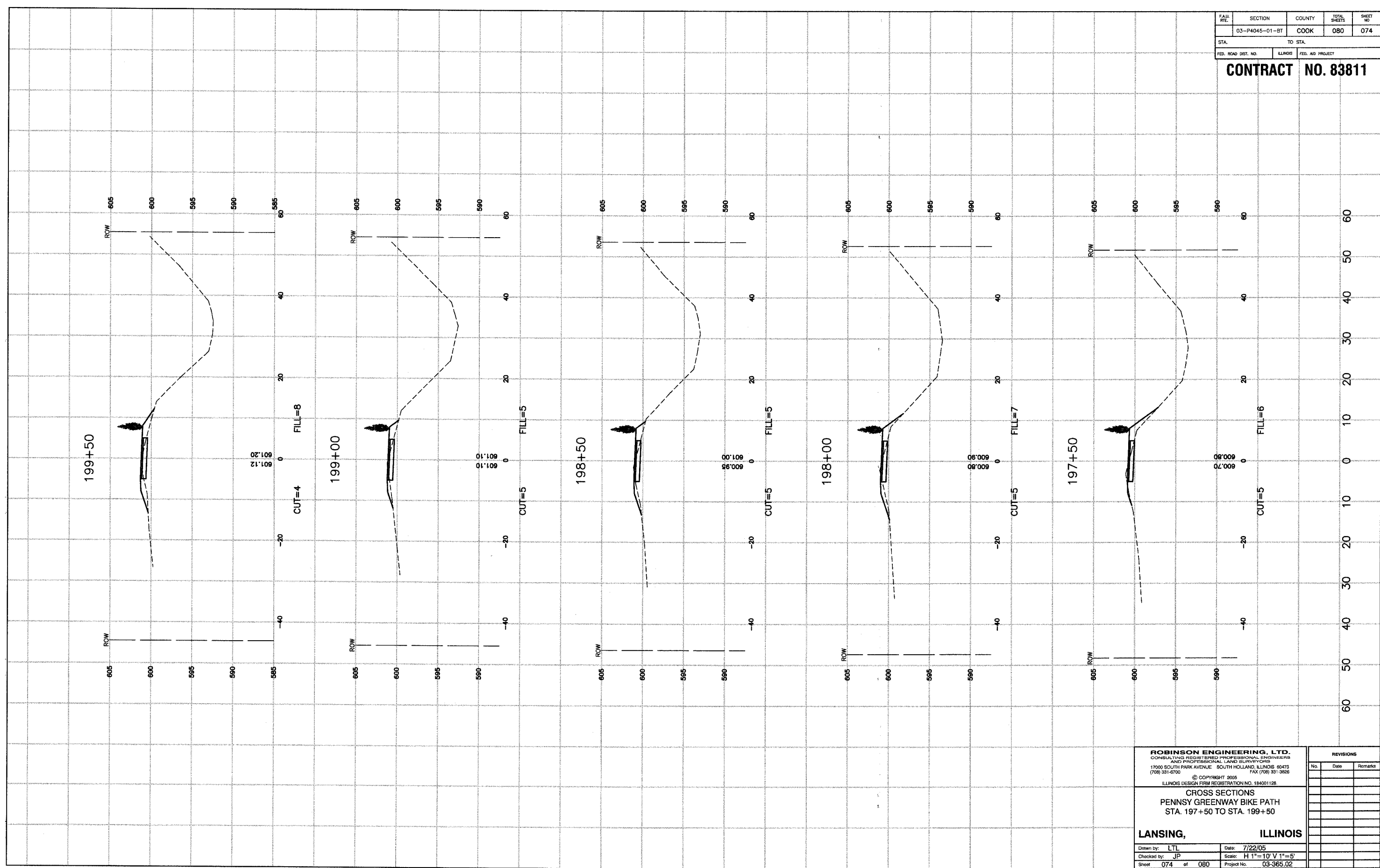
**LANSING, ILLINOIS**

REVISIONS		
No.	Date	Remarks

Drawn by: LTL	Date: 7/22/05
Checked by: JP	Scale: H 1"=10' V 1"=5'
Sheet 073 of 080	Project No. 03-365.02

FAUL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	074
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
 STA. 197+50 TO STA. 199+50

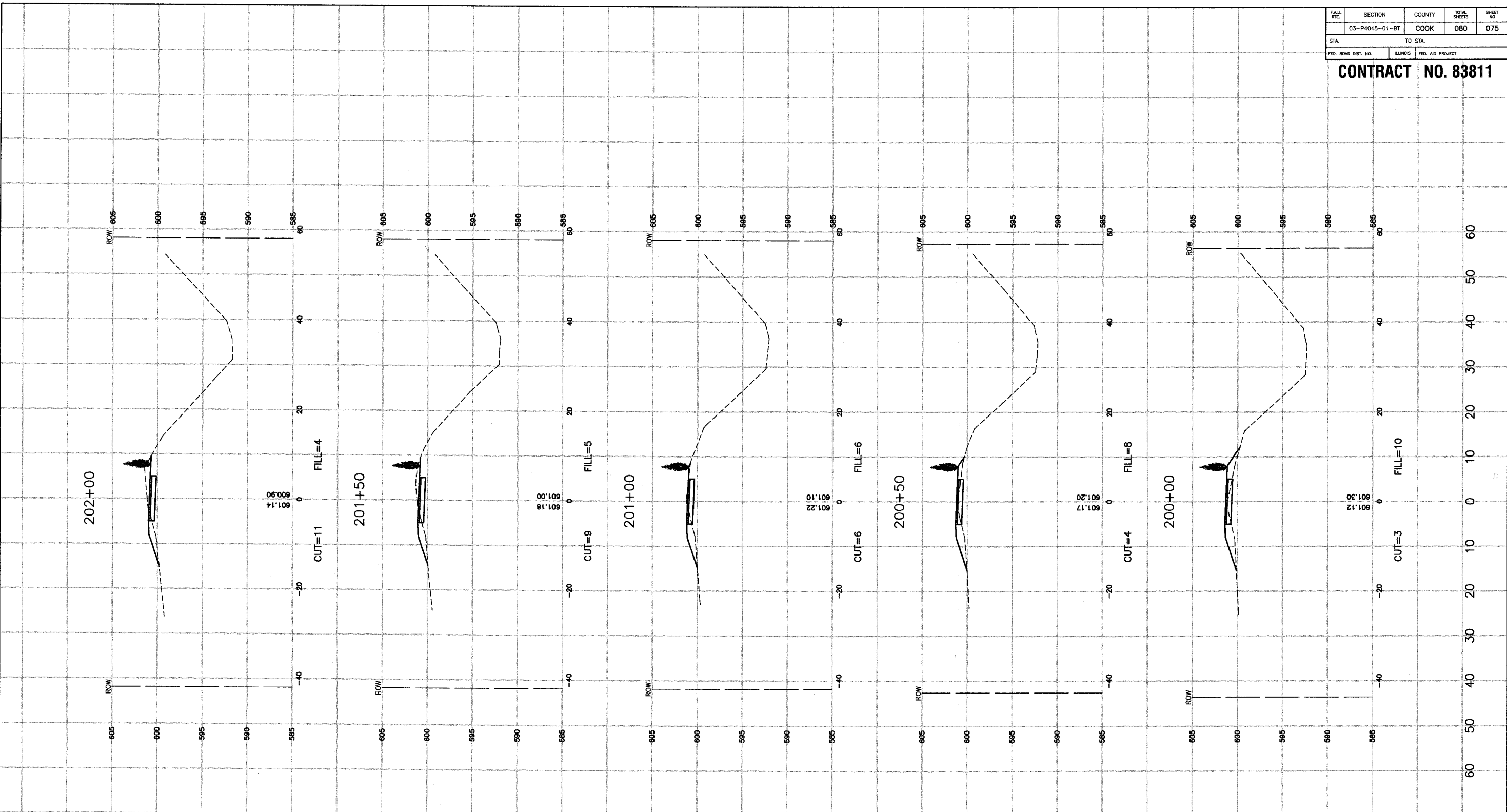
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1" = 10' V 1" = 5'  
 Sheet 074 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAH. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	075
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS  
 PENNSY GREENWAY BIKE PATH  
 STA. 200+00 TO STA. 202+00**

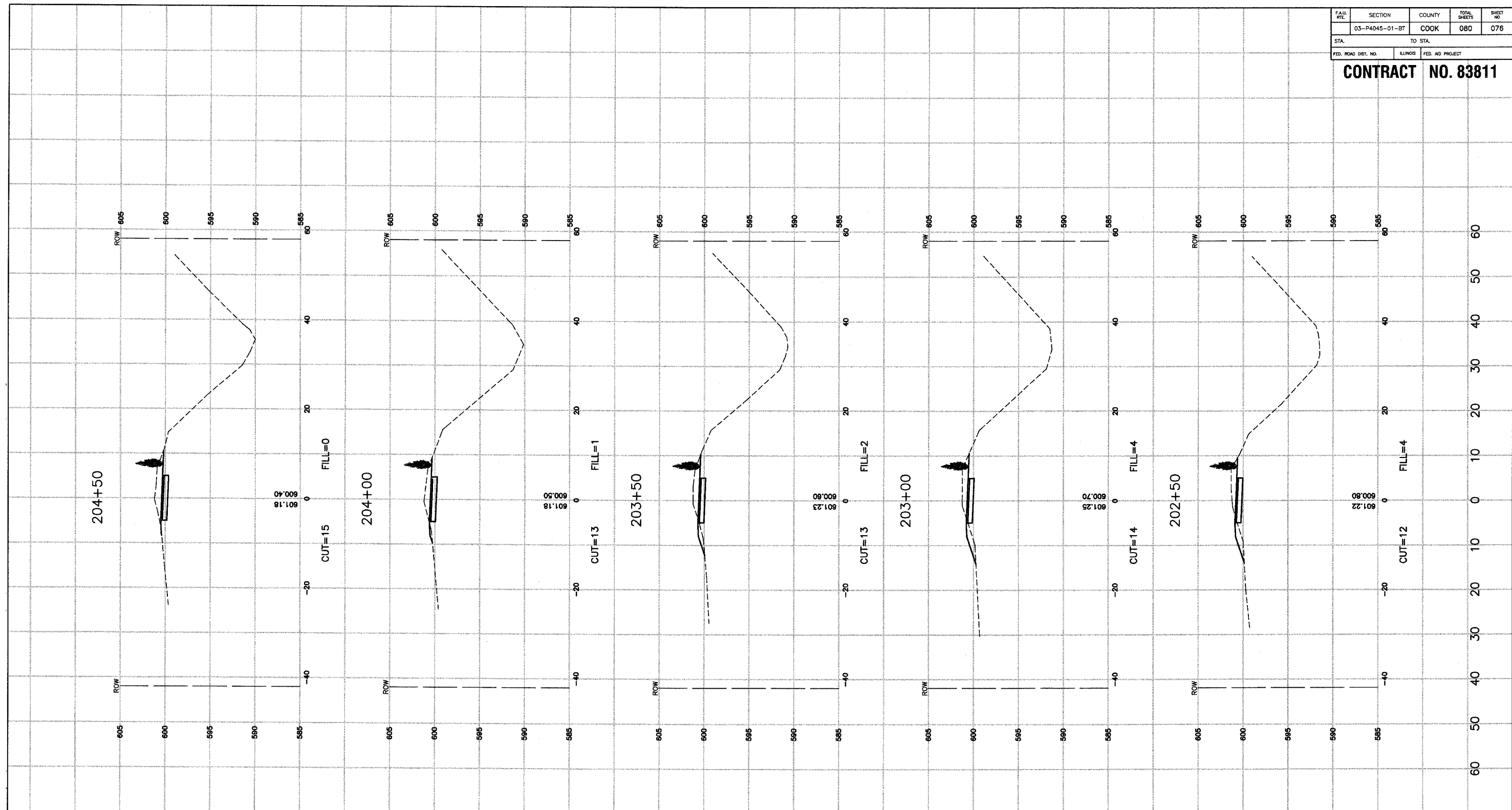
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 075 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-P4045-01-BT	COOK	080	076
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 202+50 TO STA. 204+50**

**LANSING, ILLINOIS**

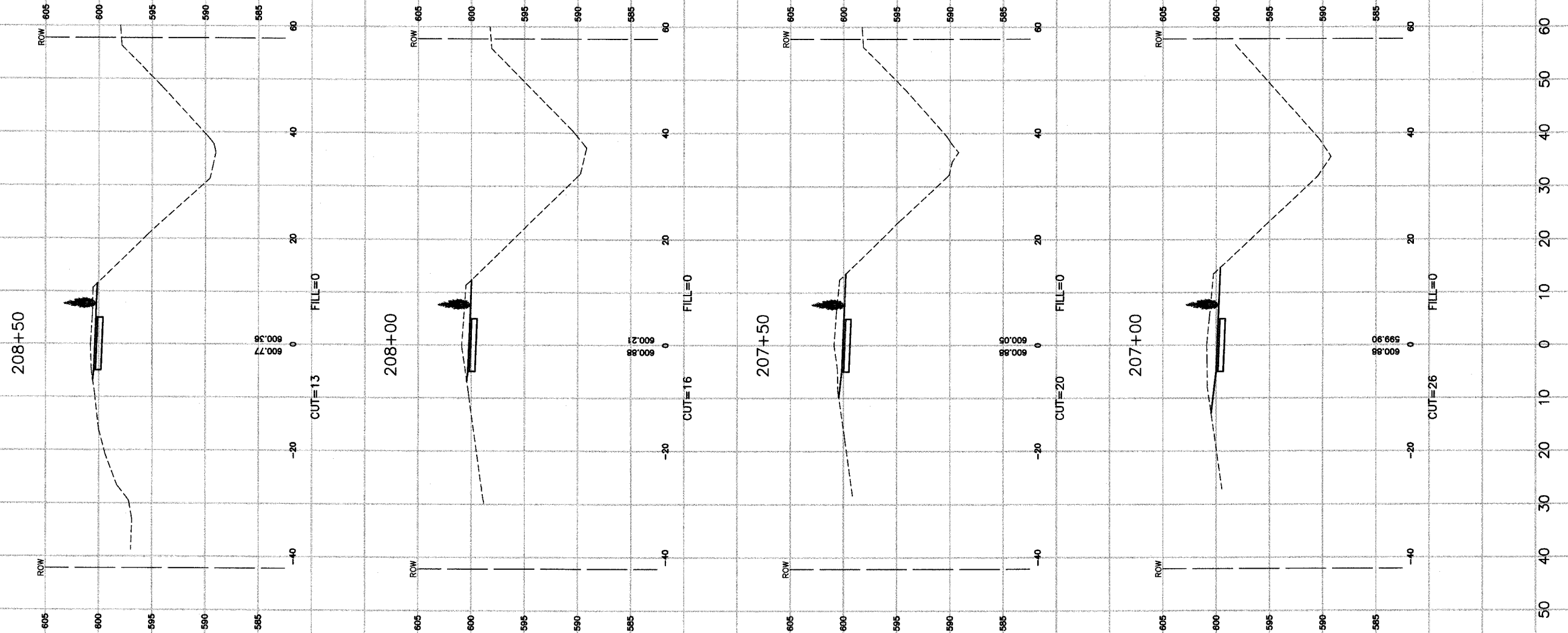
Drawn by: LTL	Date: 7/22/05
Checked by: JP	Scale: H 1"=10' V 1"=5'
Sheet: 076 of 080	Project No.: 03-365.02

REVISIONS		
No.	Date	Remarks



STATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL	03-P4045-01-BT	COOK	080	078
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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No.	Date	Remarks

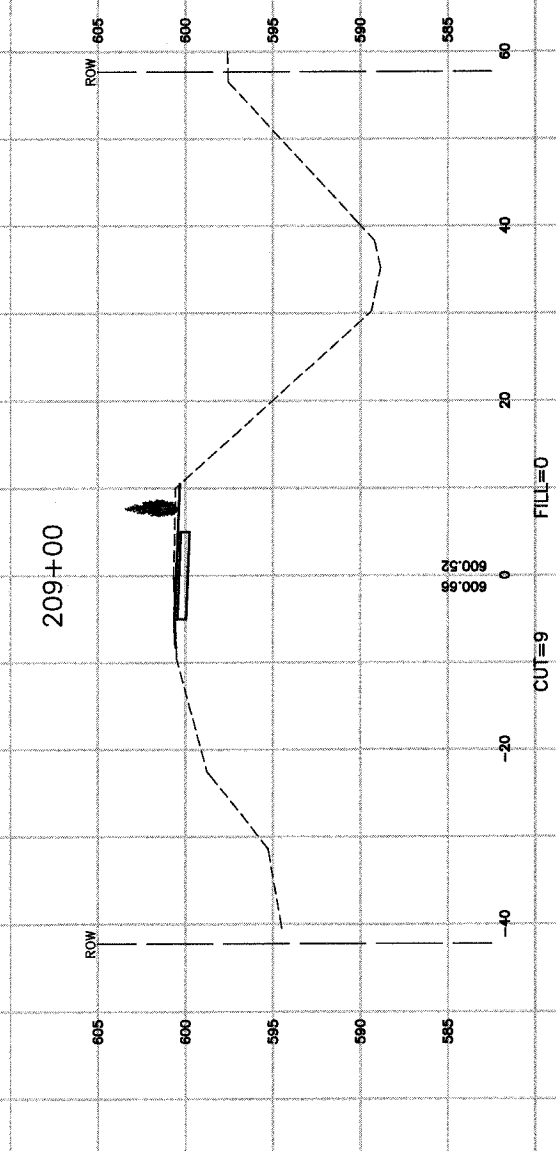
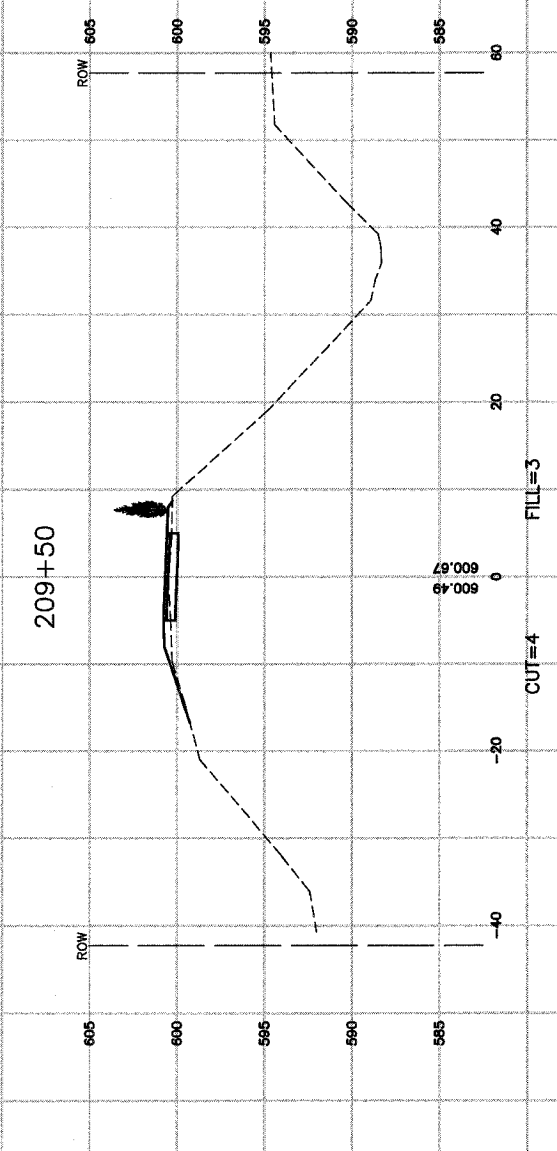
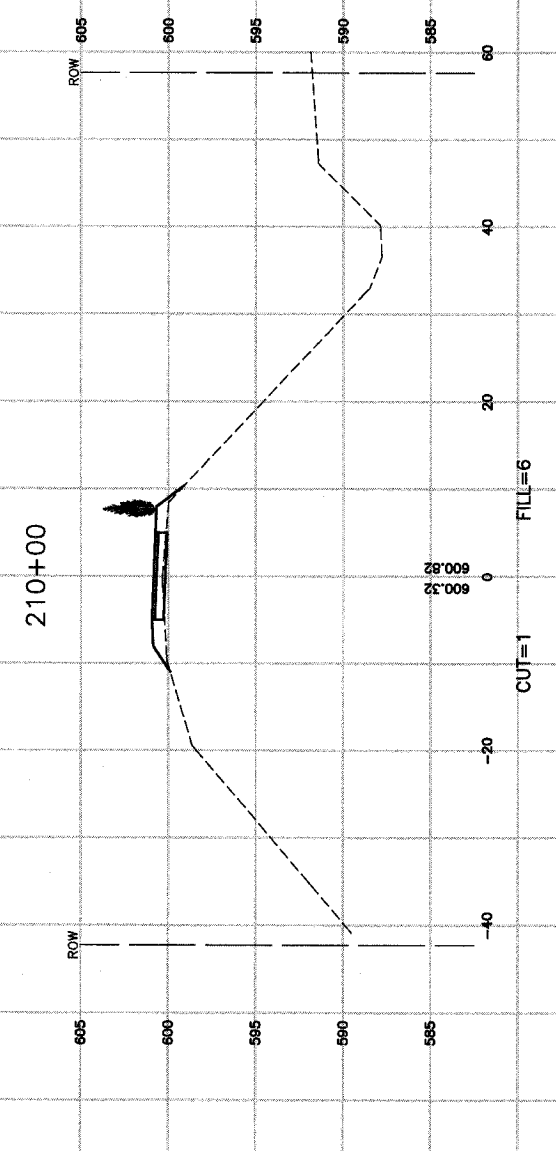
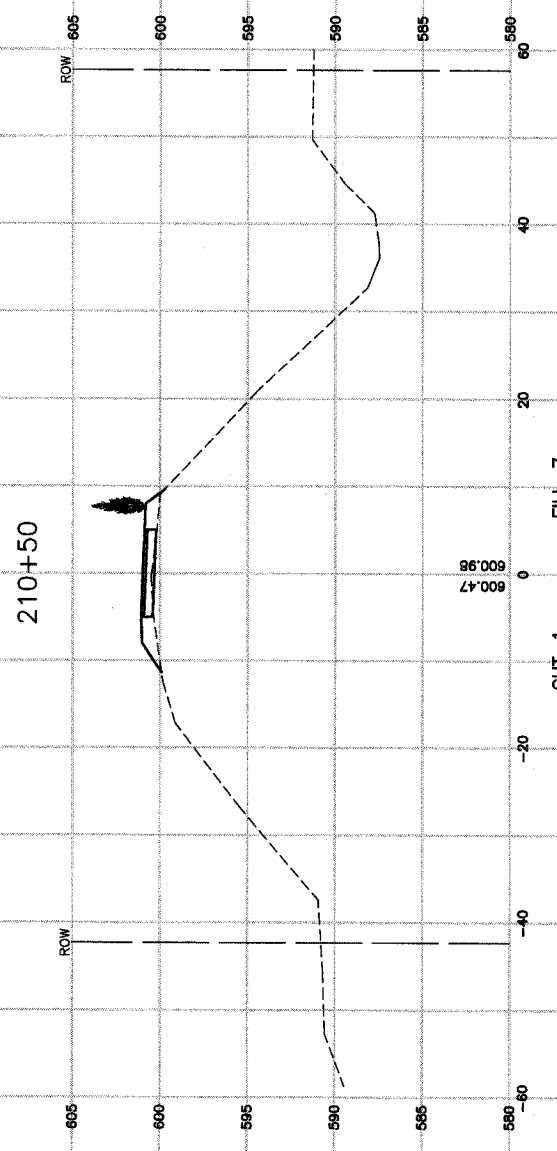
**CROSS SECTIONS**  
**PENNSY GREENWAY BIKE PATH**  
**STA. 207+00 TO STA. 208+50**

**LANSING, ILLINOIS**

Drawn by: LTL	Date: 7/22/05
Checked by: JP	Scale: H 1"=10' V 1"=5'
Sheet 078 of 080	Project No. 03-365.02

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	079
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 209+00 TO STA. 210+50

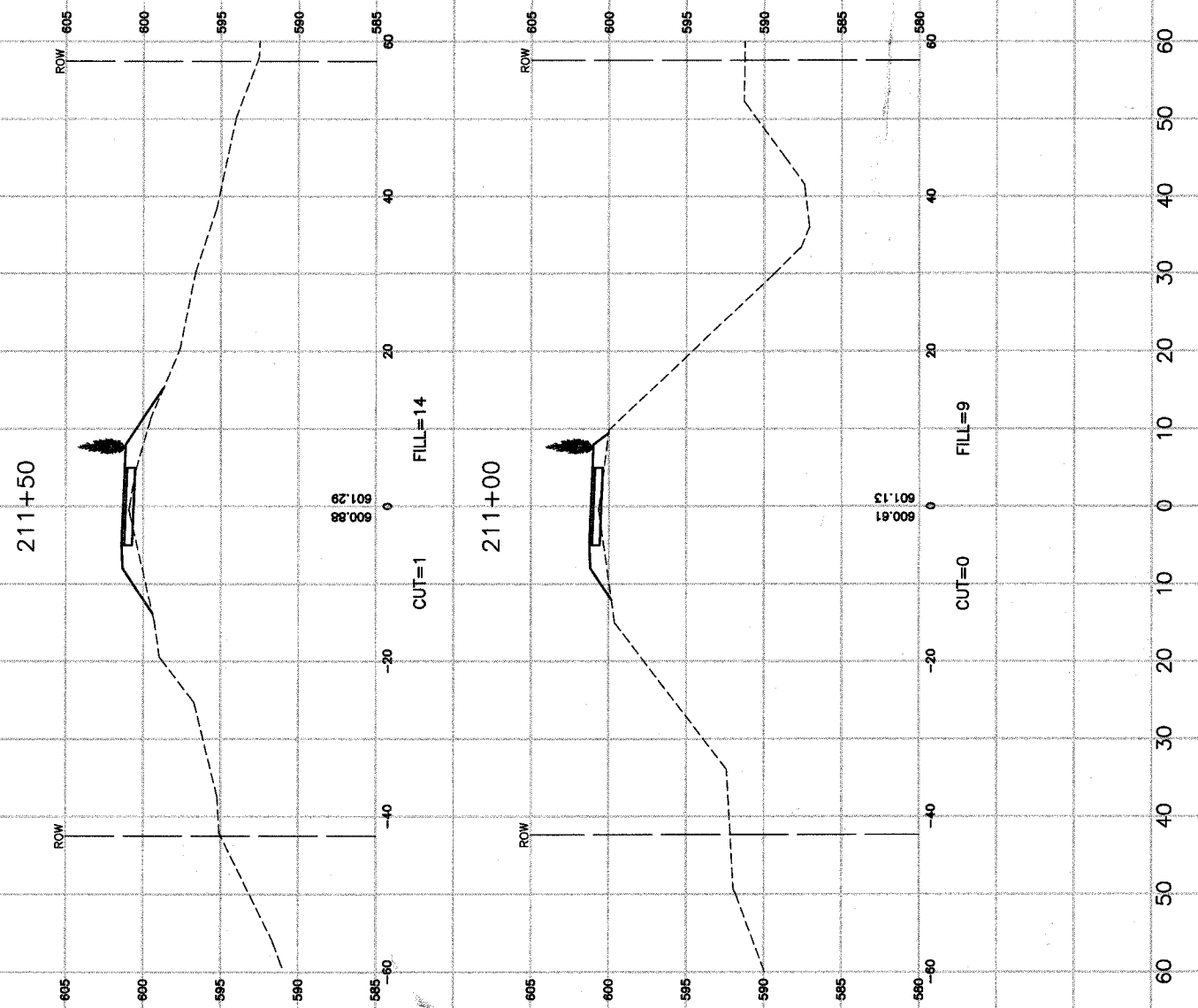
**LANSING, ILLINOIS**

Drawn by: LTL Date: 7/22/05  
 Checked by: JP Scale: H 1" = 10' V 1" = 5'  
 Sheet 079 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-P4045-01-BT	COOK	080	080
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

**CONTRACT NO. 83811**



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**CROSS SECTIONS**  
 PENNSY GREENWAY BIKE PATH  
 STA. 211+00 TO STA. 211+50

**LANSING, ILLINOIS**

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 Checked by: JP Scale: H 1"=10' V 1"=5'  
 Sheet 080 of 080 Project No. 03-365.02

REVISIONS		
No.	Date	Remarks