

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

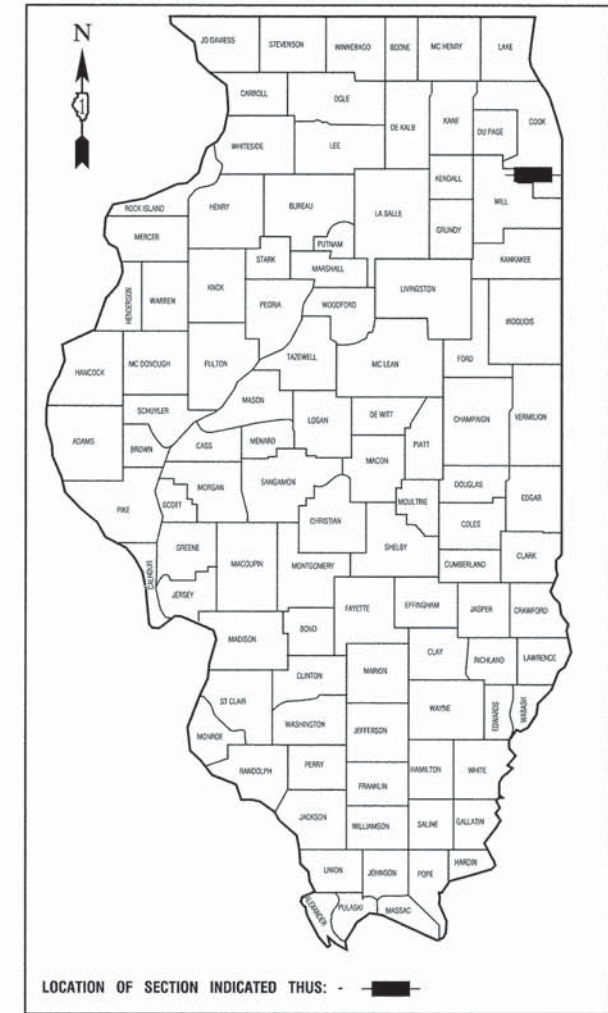
F. A. ID. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	1
STA. 500+00		TO STA. 567+02.27		
FED. ROAD DIST. NO. 1	ALWAYS	FED. AID PROJECT CMM-8003 (144)		

CONTRACT #61B14

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

**STATE STANDARDS**  
SEE SHEET NO. 2

**OLD PLANK ROAD TRAIL  
WESTERN AVENUE TO CAMPBELL AVENUE  
BIKE PATH EXTENSION**  
PROJECT NO.: CMM-8003 (852)  
SECTION NO.: 01-00207-00-BT  
CITY of CHICAGO HEIGHTS  
COOK COUNTY  
JOB NO.: C-91-519-01



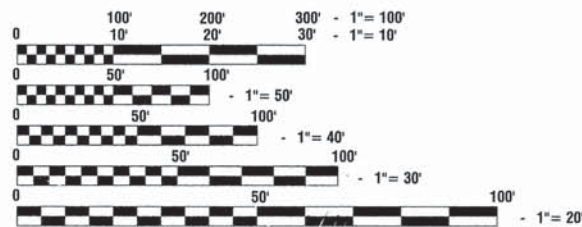
DESIGN DESIGNATION - BIKE PATH	
<u>OLD PLANK TRAIL BIKE PATH EXTENSION</u>	
POSTED SPEED LIMIT -	N/A
DESIGN PERIOD -	20 YEARS
DESIGN SPEED LIMIT -	20 mph

**DESCRIPTION OF IMPROVEMENT**

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

**SCALES**

- PLAN - 1"=50'
- PROFILE HORIZ. - 1"=50'
- PROFILE VERT. - 1"=5'
- CROSS SECTIONS - 1"=10'

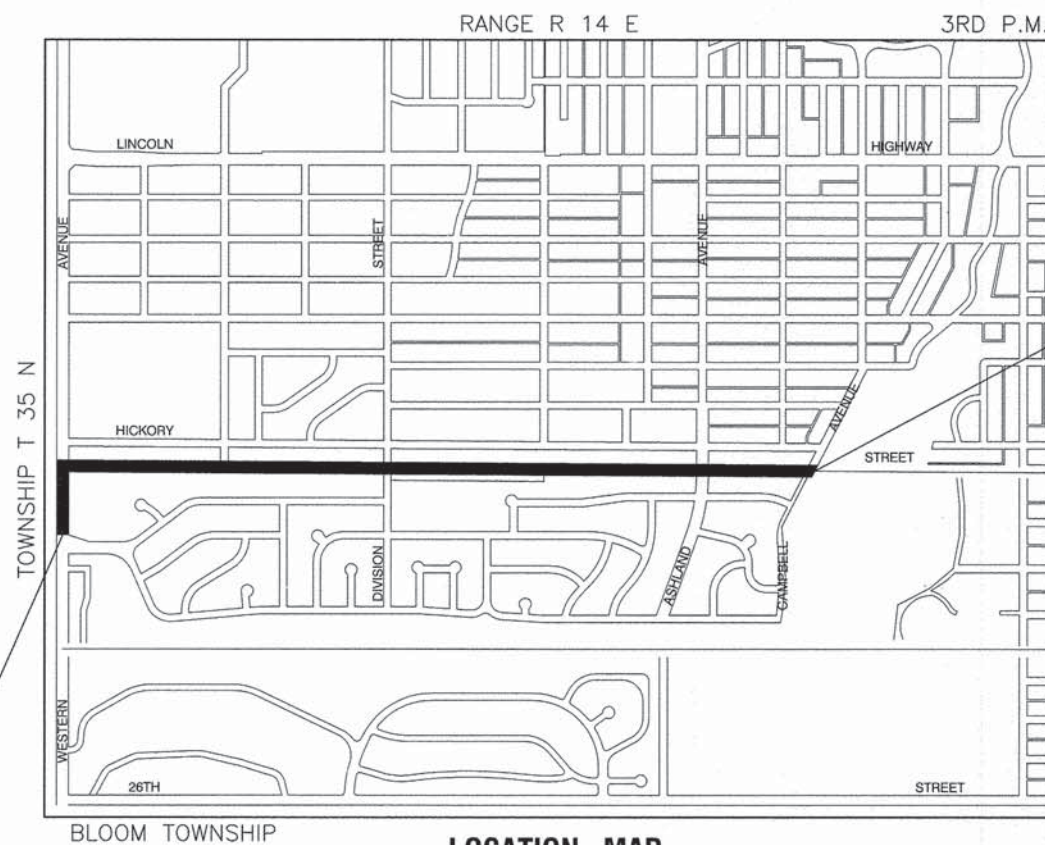


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER:  
PROJECT MANAGER:

**CONTRACT NO. 61B14**



**LOCATION MAP**

GROSS LENGTH= 6,702 FEET= 1.27 MILES  
NET LENGTH= 6,702 FEET= 1.27 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved: Lisa M. Apatow 12/12/2014  
Chief of Staff, City of Chicago Heights

Passed: JANUARY 7, 2015  
CHRISTOPHER HOLT  
District Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: JANUARY 7, 2015  
John Fortmann Jr.  
Deputy Director of Highways, Region 1 Engineer

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THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE  
DIRECT SUPERVISION OF:

[Signature]  
12/12/2014



**GENERAL NOTES**

1. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
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 INCLUDED IN THE UNIT BID PRICE PER C.Y. FOR EARTH EXCAVATION.
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 INSTALLED WITH A MINIMUM GUTTER THICKNESS EQUAL TO NINE INCHES (9").
6. THE CONTRACTOR SHALL PROTECT ALL TREES OUTSIDE OF THE CONSTRUCTION LIMITS SHOWN ON THE PLANS 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 CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO HEIGHTS.
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 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. THE CONTRACTOR SHALL ALSO CONTACT ROBINSON ENGINEERING (708) 331-6700 AND THE CITY OF CHICAGO HEIGHTS (708) 756-5300 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
13. AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT 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 INCLUDED IN THE UNIT BID PRICE FOR THE PAY ITEM OF WORK INVOLVED.
15. CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2012, 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.
17. ALL EXCESS MATERIAL EXCAVATED FROM WESTERN AVENUE RIGHT OF WAY SHALL BE USED IN THE FILL ACTIVITIES OF EARTH EXCAVATION IN THE REMAINDER OF THE PROJECT LIMITS. THIS REQUIREMENT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

**INDEX OF SHEETS**

1. TITLE SHEET
2. INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
- 3.-4. SUMMARY OF QUANTITIES
5. TYPICAL CROSS SECTIONS
- 6.-7. ALIGNMENT AND TIES AND BENCHMARKS
- 8.-15. PLAN AND PROFILE
16. PROPOSED PARKING LOT DETAILS
- 17.-20. PAVEMENT MARKING, SIGNING, LANDSCAPING & EROSION CONTROL PLAN
21. PROPOSED PARKING LOT LIGHTING PLAN
- 22.-25. LIGHTING DETAILS
26. CONSTRUCTION DETAILS
- 27.-29. IDOT DISTRICT 1 STANDARD DETAILS
- 30.-65. CROSS SECTIONS

**STATE STANDARDS**

- |           |  |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                     |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS                                |
| 424001-08 | CURB RAMPS FOR SIDEWALK  |
| 602301-04 | INLET-TYPE A   |
| 604036-03 | GRATE TYPE B   |
| 606001-06 | CONCRETE CURB & COMBINATION CONCRETE CURB & GUTTER               |
| 664001-02 | CHAIN LINK FENCE   |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                      |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                       |
| 701801-05 | LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE    |
| 701901-04 | TRAFFIC CONTROL DEVICES  |
| 720001-01 | SIGN PANEL MOUNTING DETAILS                                      |
| 720006-04 | SIGN PANEL ERECTION DETAILS                                      |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS                   |
| 729001-01 | APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS  |
| 701606-10 | LANE CLOSURE MULTI-LANE  |

**PHASE 1 COMMITMENTS**

THE CITY OF CHICAGO HEIGHTS WILL CONSTRUCT A CONNECTION TO THE RESIDENTIAL SIDEWALK SYSTEM, EXTENDING NORTH AND SOUTH ALONG THE ASHLAND AVENUE CORRIDOR, IN 2012 OR AS SOON AS THIS PROJECT HAS COME TO COMPLETION.

FILE NAME = 05162\_02-NOTE-01 - IDOT P01

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	65	2
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (852)				

SCALE: NONE SHEET NO. 2 OF 65 SHEETS STA. TO STA.

LAST SAVED BY: P01P01P01P01 ON 1/1/14  
PLotted by: 02/24/2015 10:00 AM

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	MAO FUND	TRAIL
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	222	222	
	20100210	TREE REMOVAL (OVER UNITS DIAMETER)	UNIT	50	50	
	20101100	TREE TRUNK PROTECTION	EACH	40	40	
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	241	241	
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20	
	20200100	EARTH EXCAVATION	CU YD	5783	5783	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	289	289	
	20800150	TRENCH BACKFILL	CU YD	4	4	
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14579	14579	
*	25000110	SEEDING, CLASS 1A	ACRE	0.1	0.1	
*	25000320	SEEDING, CLASS 5	ACRE	2.9	2.9	
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	272	272	
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	272	272	
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	272	272	
	25100105	MULCH, METHOD 1	ACRE	3	3	
*	25100630	EROSION CONTROL BLANKET	SQ YD	14579	14579	
	28000305	TEMPORARY DITCH CHECKS	FOOT	210	210	
	28000400	PERIMETER EROSION BARRIER	FOOT	13880	13880	
	28000500	INLET AND PIPE PROTECTION	EACH	5	5	
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	289	289	
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	160	160	
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	7296	7296	

\* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	MAO FUND	TRAIL
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	755	755	
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20322	20322	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	62	62	
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	901	901	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1441	1441	
	42400800	DETECTABLE WARNINGS	SQ FT	81	81	
	44000600	SIDEWALK REMOVAL	SQ FT	991	991	
	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	FOOT	20	20	
*	56107300	REMOVE AND RELOCATE WATER MAIN 10"	FOOT	100	100	
*	56400510	FIRE HYDRANT TO BE REMOVED AND REPLACED	EACH	1	1	
	60236200	INLETS TYPE A, TYPE B GRATE	EACH	1	1	
	60250200	CATCH BASIN TO BE ADJUSTED	EACH	2	2	
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	120	120	
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6	6	
	67100100	MOBILIZATION	LSUM	1	1	
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	
	72000100	SIGN PANEL - TYPE 1	SQ FT	101	101	
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
	72900200	METAL POST - TYPE B	FOOT	16	16	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	9	9	

\* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0028	URBAN
*	78000200	THERMOPLASTIC PAVEMENT MARKING -- LINE 4"	FOOT	2198	2198	
*	78000400	THERMOPLASTIC PAVEMENT MARKING -- LINE 6"	FOOT	171	171	
*	78000650	THERMOPLASTIC PAVEMENT MARKING -- LINE 24"	FOOT	41	41	
*	78201000	TERNIMAL MARKER -- DIRECT APPLIED	EACH	2	2	
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	104	104	
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	90	90	
*	81603051	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	190	190	
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	24	24	
*	81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	90	90	
*	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1	1	
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	
*	A2000118	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3"	EACH	4	4	
*	A2002884	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND HACKBERRY), 3"	EACH	5	5	
*	A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3	
*	A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
*	K1005418	TEMPORARY SEEDING	ACRE	3	3	
*	X000000	SPLIT RAIL FENCE	FOOT	3450	3450	
	X0327545	SOIL SAMPLING AND TESTING	EACH	2	2	
	X0350805	FOLD DOWN BOLLARDS	EACH	4	4	
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	130	130	
	X4400220	CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	219	219	

\* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0028	URBAN
*	X6300235	WOOD POSTS	EACH	39	39	
*	X6640555	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	2727	2727	
*	X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	3	3	
	Z0043500	PRECAST CONCRETE CAR BUMPER	EACH	11	11	
	X2010510	CLEARING AND GRUBBING	L SUM	1	1	

\* - INDICATES SPECIALTY ITEMS

FILE NAME = 05162\_02-QUAN-01 - IDOT P02

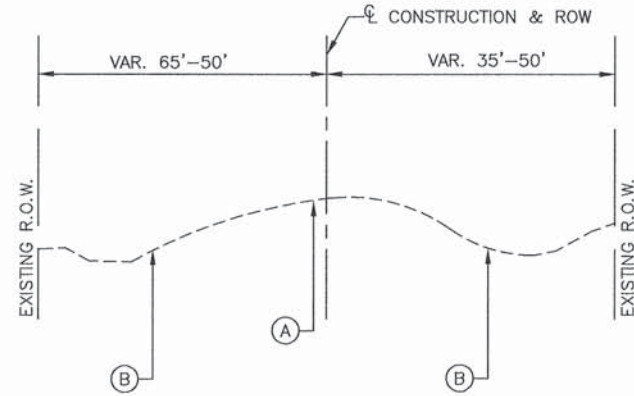
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PLOT SCALE =	CHECKED -- JMN	REVISED --
PLOT DATE = 12-15-14	DRAWN -- RG	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 65 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	65	4
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (852)				



EXISTING TYPICAL CROSS SECTION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
PARKING LOT	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"	4% @ 50 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 1 1/2"	4% @ 50 Gyr.
BIKE PATH	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"	4% @ 50 Gyr.

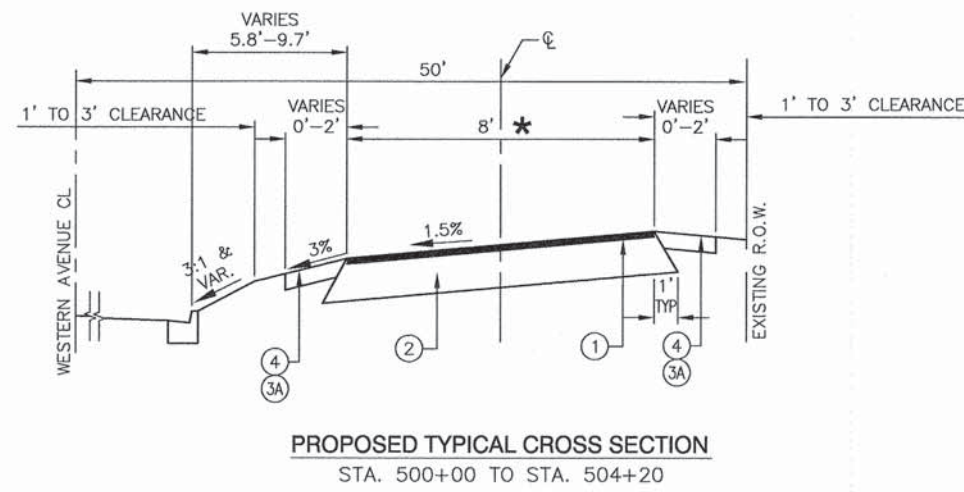
EARTHWORK QUANTITIES (CU YD)

	STA. 500+00 TO STA. 504+00	STA. 504+00 TO STA. 506+50	STA. 506+50 TO STA. 566+89.54
TOTAL CUT	200	90	6,000
TOTAL FILL	0	85	2,000
UNSUITABLE	50	0	150
CUT TO FILL	200	5	4,000

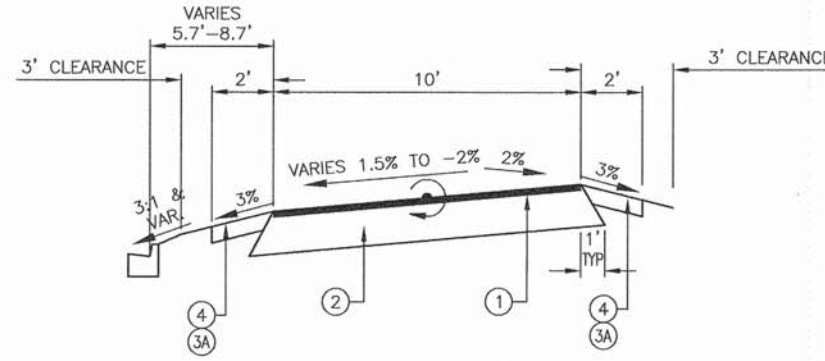
LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50-2"
- ② AGGREGATE BASE COURSE, TYPE B 6"
- ③A SEEDING, CLASS 1A WITH FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKET
- ③B SEEDING, CLASS 5 WITH FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKET
- ④ TOPSOIL FURNISH AND PLACE, 4"
- ⑤ SPLIT RAIL FENCE (SEE PLANS AND CROSS SECTIONS FOR LOCATIONS)
- Ⓐ EXISTING RAILROAD BALLAST
- Ⓑ EXISTING TREES AND BRUSH

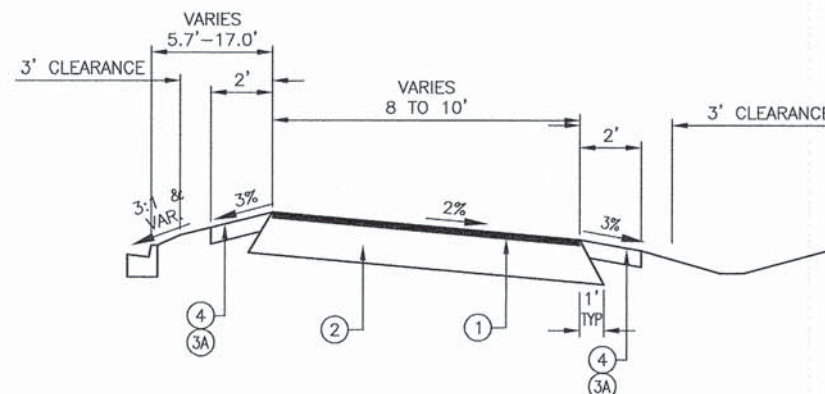
\* NOTE:  
8 FOOT WIDE BIKE PATH IN THIS SEGMENT, PER IDOT  
APPROVED DESIGN VARIANCE, DATED 01/06/2015



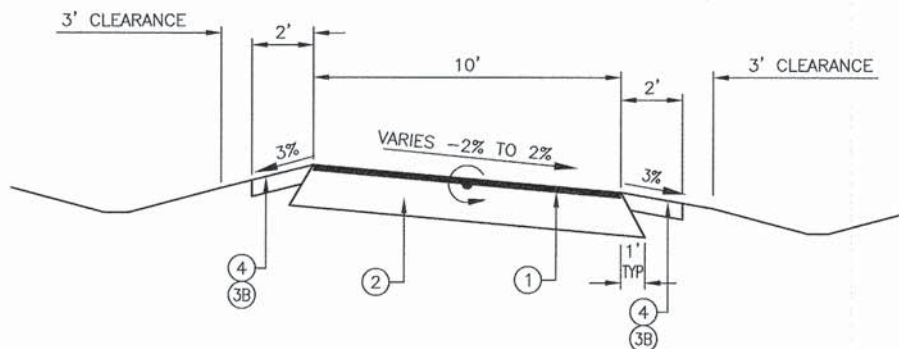
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STA. 500+00 TO STA. 504+20



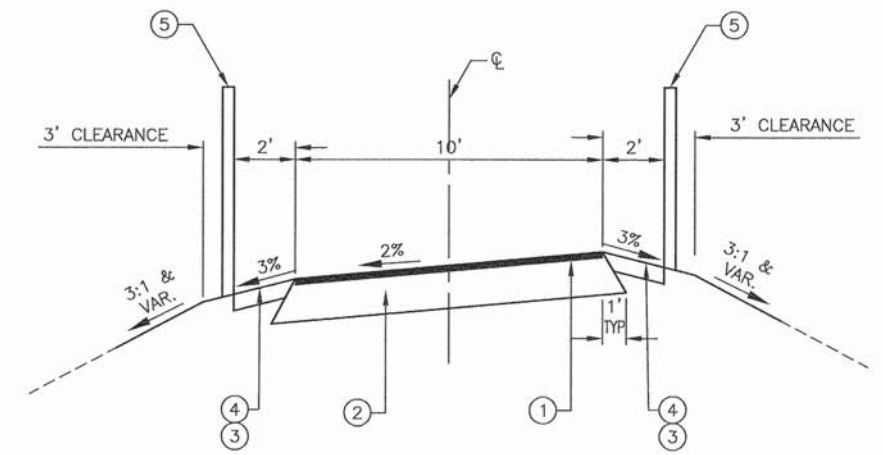
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STA. 504+20 TO STA. 504+95  
SUPERELEVATION TRANSITION



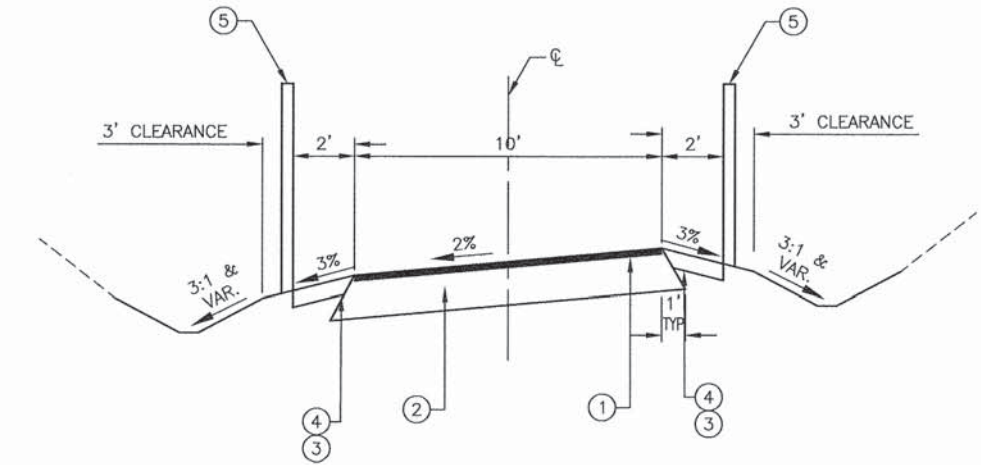
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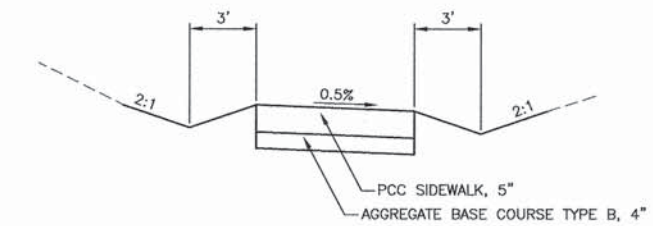
PROPOSED TYPICAL CROSS SECTION  
STA. 505+60 TO STA. 506+35  
SUPERELEVATION TRANSITION



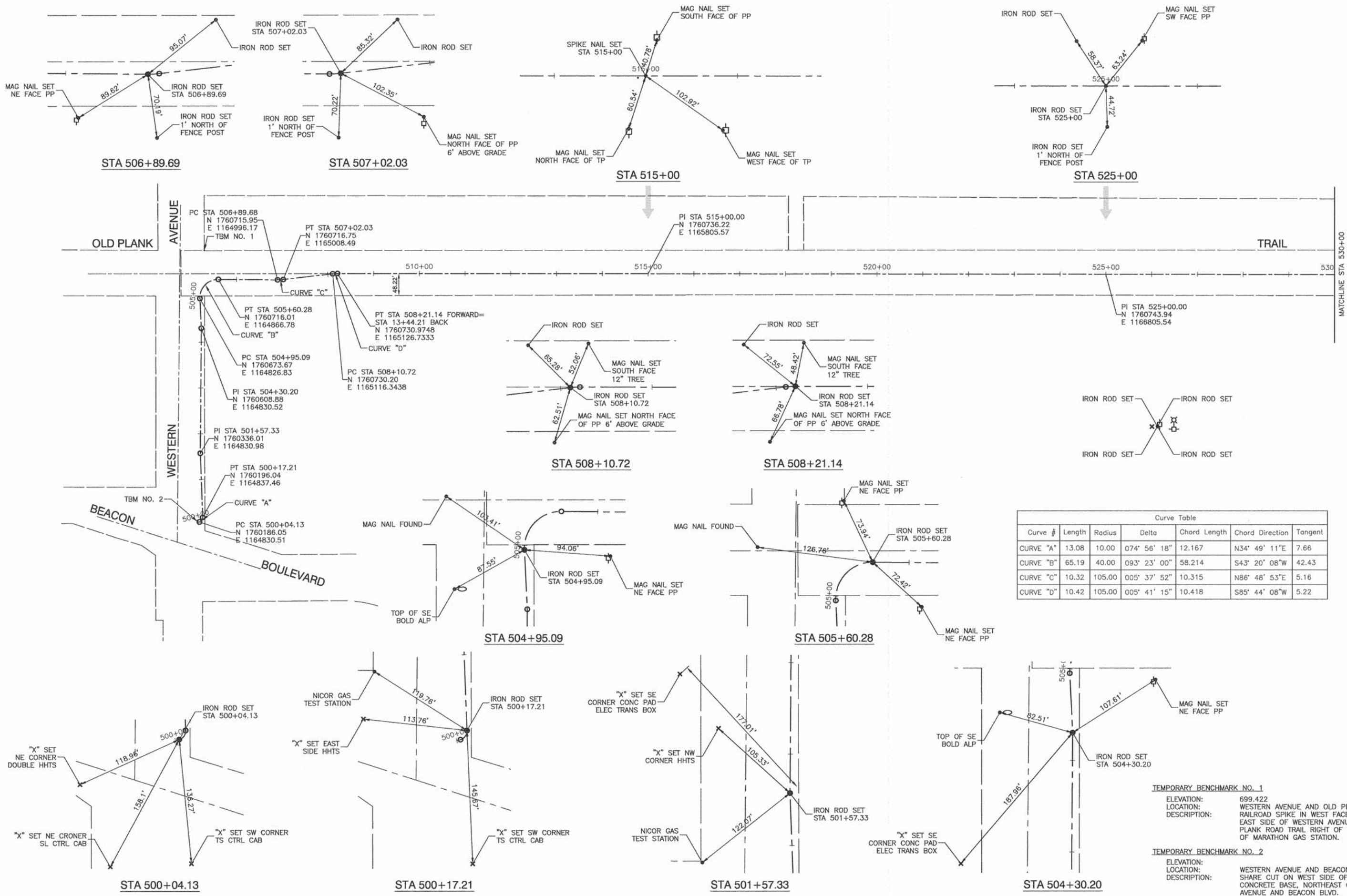
PROPOSED TYPICAL CROSS SECTION  
STA. 506+35 TO STA. 531+50  
STA. 547+00 TO STA. 560+00



PROPOSED TYPICAL CROSS SECTION  
STA. 531+50 TO STA. 547+00  
STA. 560+00 TO STA. 566+89.54



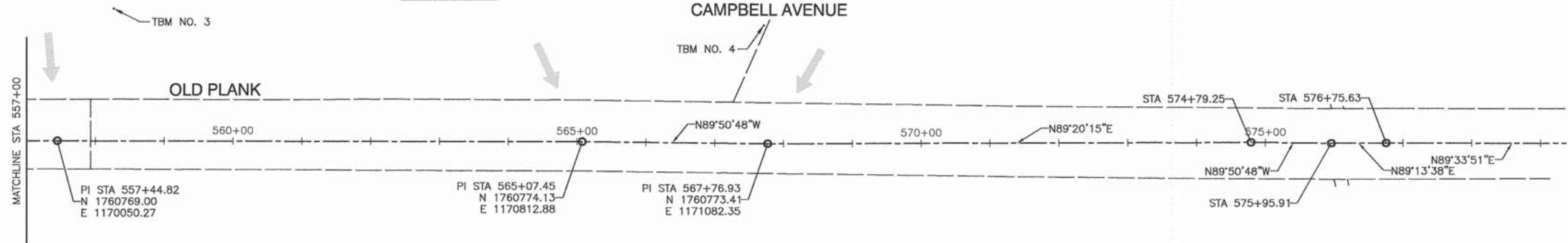
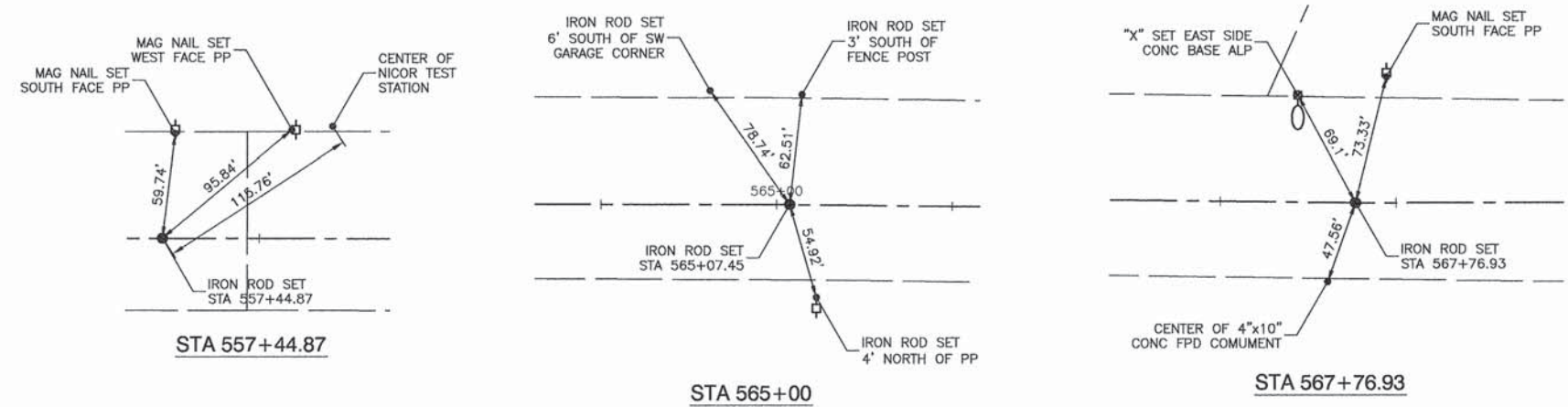
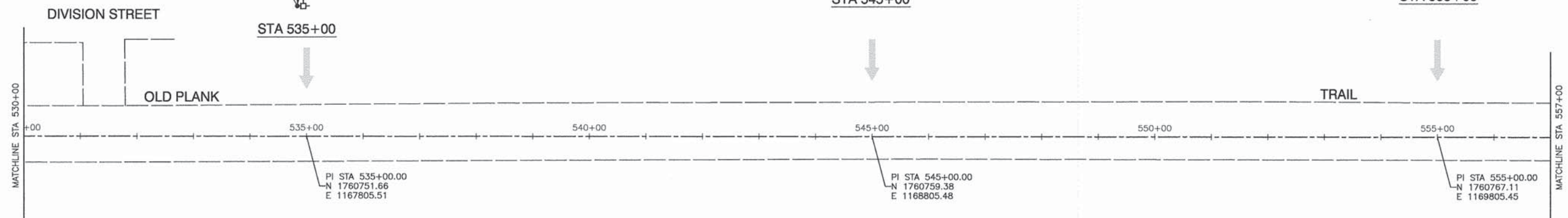
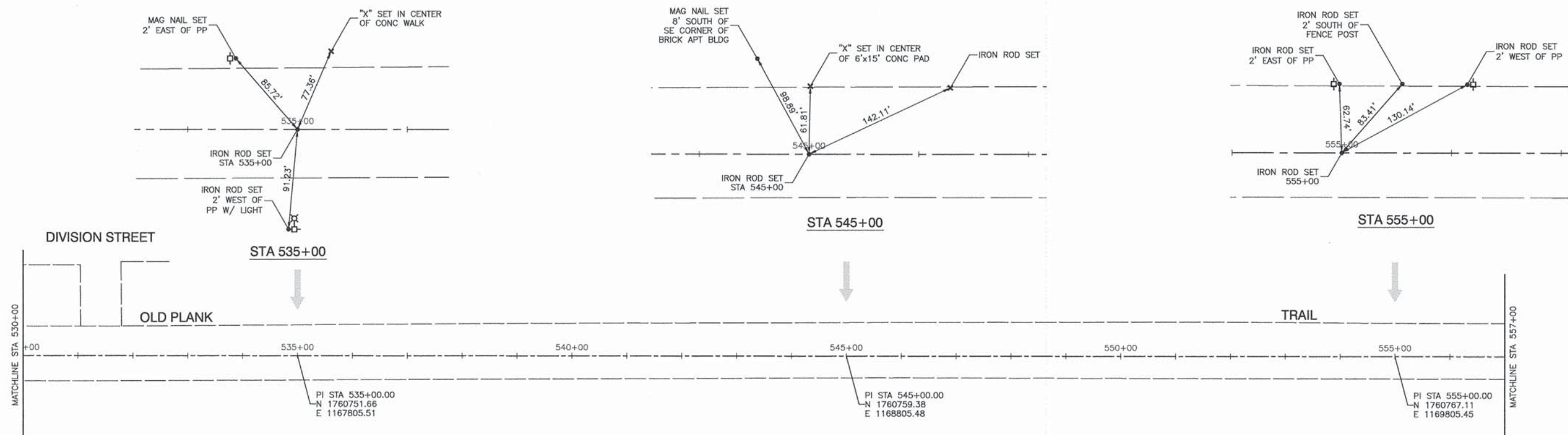
SECTION B-B  
ASHLAND AVENUE  
STA 558+16  
(SEE SHEET 12)



Curve Table						
Curve #	Length	Radius	Delta	Chord Length	Chord Direction	Tangent
CURVE "A"	13.08	10.00	074° 56' 18"	12.167	N34° 49' 11"E	7.66
CURVE "B"	65.19	40.00	093° 23' 00"	58.214	S43° 20' 08"W	42.43
CURVE "C"	10.32	105.00	005° 37' 52"	10.315	N86° 48' 53"E	5.16
CURVE "D"	10.42	105.00	005° 41' 15"	10.418	S85° 44' 08"W	5.22

**TEMPORARY BENCHMARK NO. 1**  
 ELEVATION: 699.422  
 LOCATION: WESTERN AVENUE AND OLD PLANK ROAD TRAIL RAILROAD SPIKE IN WEST FACE OF POWER POLE, EAST SIDE OF WESTERN AVENUE, NORTH SIDE OF OLD PLANK ROAD TRAIL RIGHT OF WAY, 3RD POLE SOUTH OF MARATHON GAS STATION.

**TEMPORARY BENCHMARK NO. 2**  
 ELEVATION:  
 LOCATION: WESTERN AVENUE AND BEACON BLVD. SHARE CUT ON WEST SIDE OF TRAFFIC SIGNAL POLE CONCRETE BASE, NORTHEAST CORNER OF WESTERN AVENUE AND BEACON BLVD.



**TEMPORARY BENCHMARK NO. 3**  
 ELEVATION: 667.899  
 LOCATION: ASHLAND AVENUE AND HICKORY STREET  
 DESCRIPTION: CHISELED CROSS ON TOP OF WEST BOLT ON BASE OF ALUMINUM LIGHT POLE AT SOUTHEAST CORNER OF ASHLAND AVENUE AND HICKORY STREET.

**TEMPORARY BENCHMARK NO. 4**  
 ELEVATION: 682.678  
 LOCATION: CAMPBELL AVENUE AND HICKORY STREET.  
 DESCRIPTION: SPIKE NAIL IN EAST FACE OF POWER POLE AT WEST SIDE OF CAMPBELL AVENUE, FIRST POLE SOUTH OF HICKORY STREET.

FILE NAME = 05162_02-TIES-01 - IDOT P02	USER NAME =	DESIGNED -- LR	REVISIONS --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OLD PLANK ROAD TRAIL BIKE PATH EXTENSION ALIGNMENT AND TIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- JMN	REVISIONS --				01-00207-00-BT	COOK	64	7	
	PLOT DATE = 12-15-14	DRAWN -- RG	REVISIONS --			SCALE: 1"=100'    SHEET NO. 7 OF 64 SHEETS    STA. 530+00 TO STA. 567+02.27					
		CHECKED -- AG	REVISIONS --			CONTRACT NO. 61B14    FED. ROAD DIST. NO. 1    ILLINOIS    FED. AID PROJECT CMM-8003 (144)					

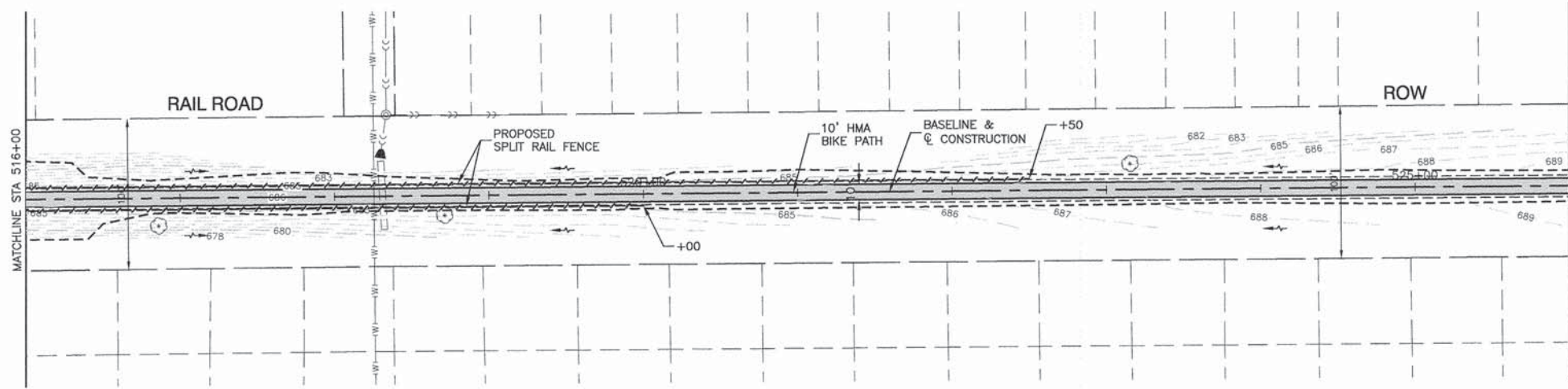
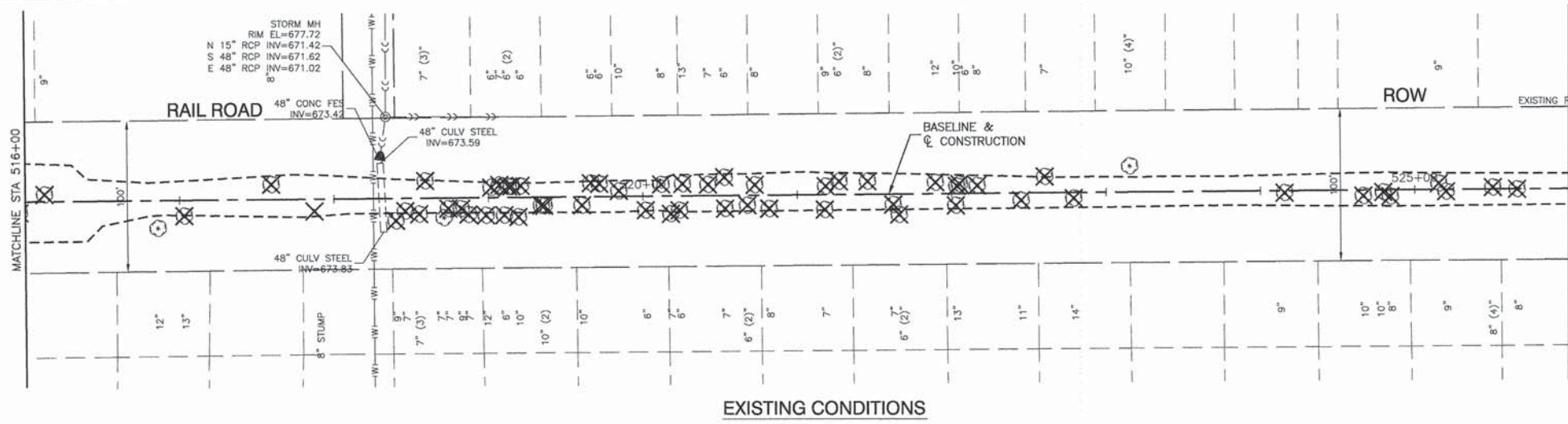




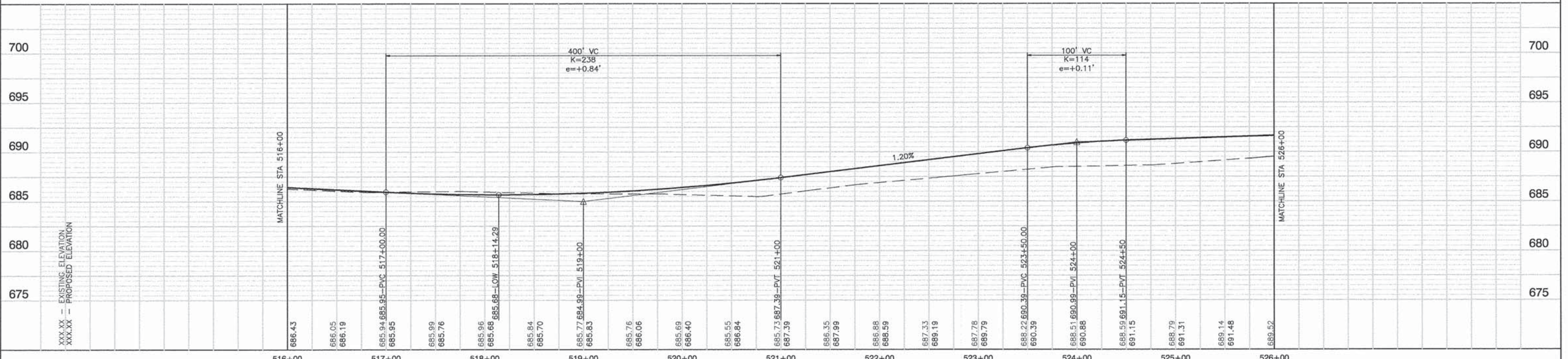
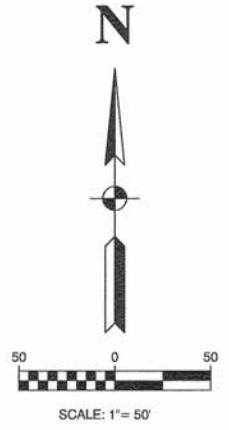


PLAN	SURVEYED	DATE
NOTE BOOK NO.	CREATED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	CREATED	
	CHECKED	
	BY	
	DATE	



- LEGEND:**
- CONCRETE SIDEWALK REMOVAL
  - PROPOSED FOLD DOWN BOLLARD
  - PROPOSED WOOD POSTS @ 5' C-C SPACING
  - PCC SIDEWALK
  - BIKE PATH
  - DETECTABLE WARNINGS
  - TREE REMOVAL
  - CHAIN LINK FENCE
  - PROPOSED SPLIT RAIL FENCE (AT EDGE OF PROPOSED TURF)
  - PROFILE DITCH, RT
  - PROFILE DITCH, LT
  - LIMITS OF CONSTRUCTION

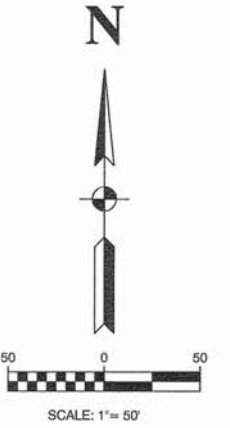
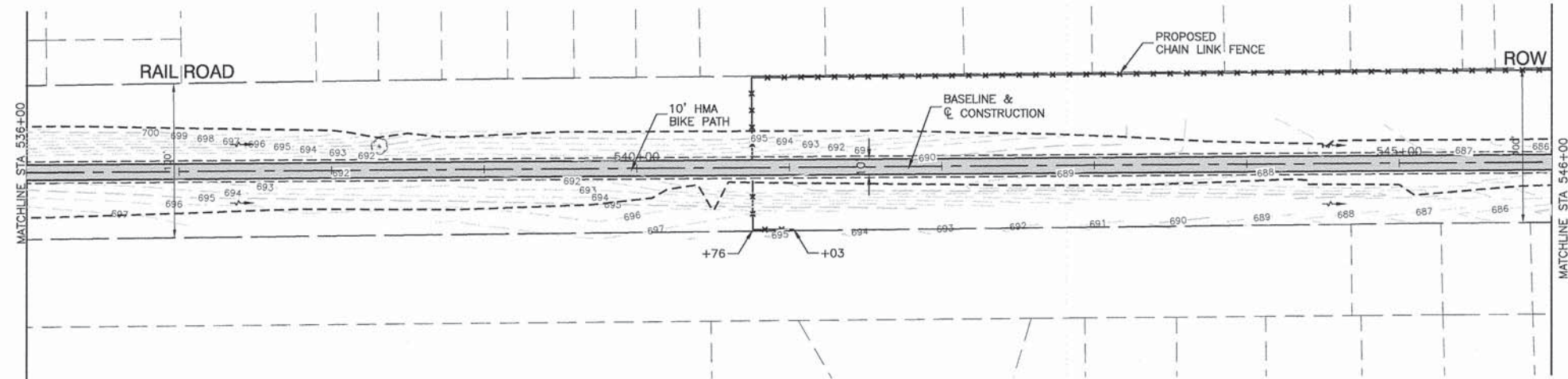
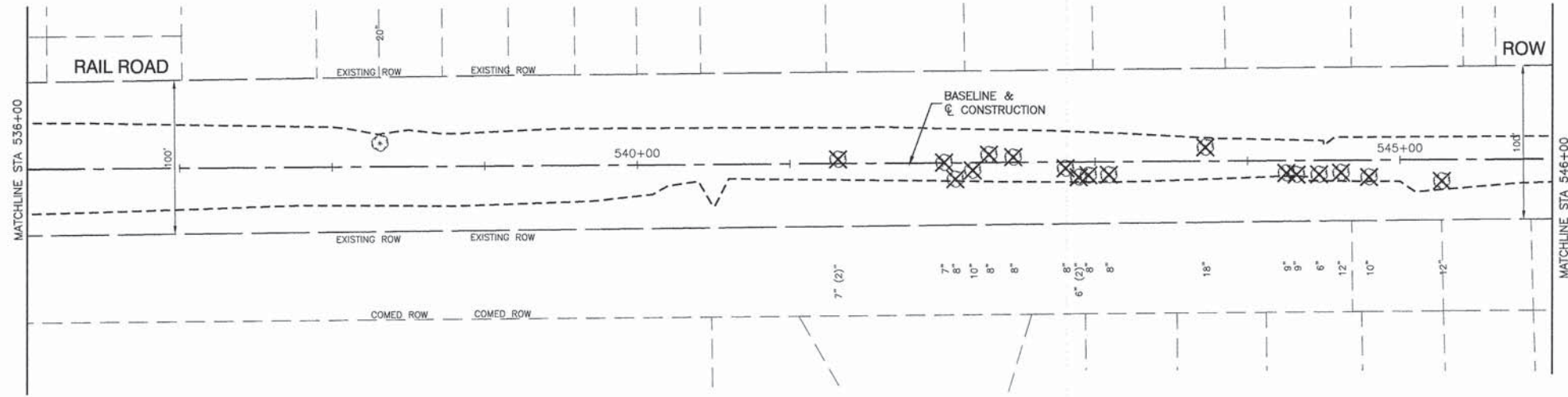


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	PLOT SCALE =	CHECKED - JMN	REVISED -		01-00207-00-BT	COOK	65	10			
	PLOT DATE = 12-15-14	DRAWN - MED	REVISED -		CONTRACT NO. 61B14			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT CMM-8003 (852)	
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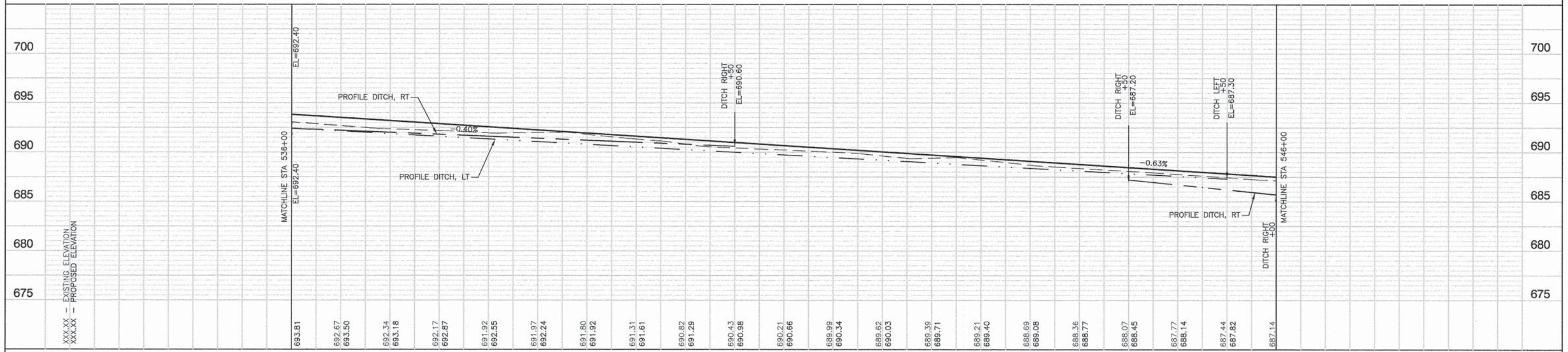
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	ALIGNED	
	RT. OF WAY CHECKED	
	NO. _____	
	BY _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B.M. NOTED	
	NO. _____	
	BY _____	
	DATE _____	



LEGEND:

- CONCRETE SIDEWALK REMOVAL
- PROPOSED FOLD DOWN BOLLARD
- PROPOSED WOOD POSTS @ 5' C-C SPACING
- PCC SIDEWALK
- BIKE PATH
- DETECTABLE WARNINGS
- TREE REMOVAL
- CHAIN LINK FENCE
- PROPOSED SPLIT RAIL FENCE (AT EDGE OF PROPOSED TURF)
- PROFILE DITCH, RT
- PROFILE DITCH, LT
- LIMITS OF CONSTRUCTION

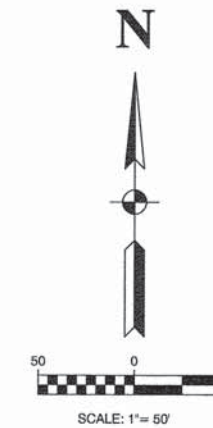
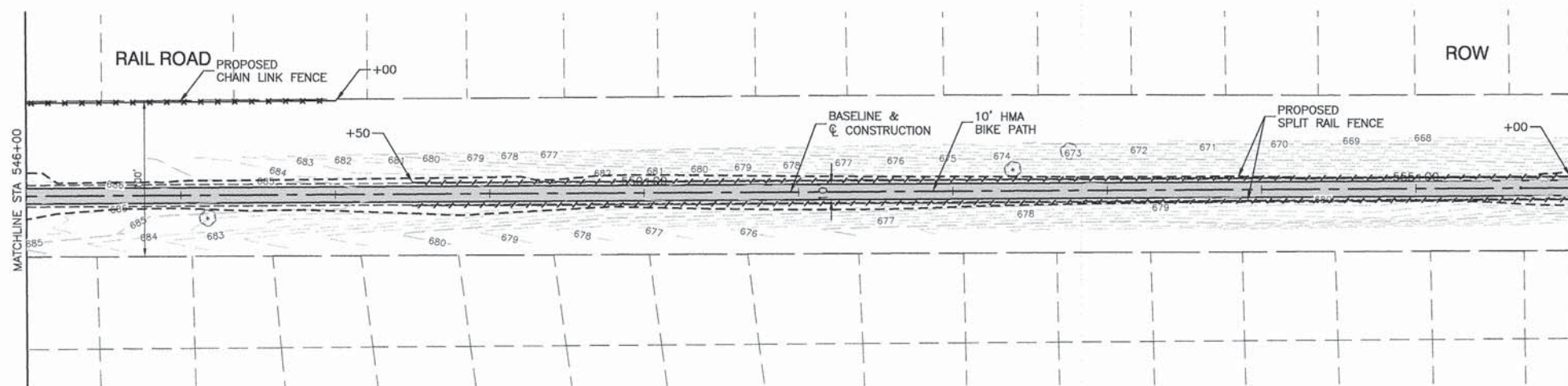
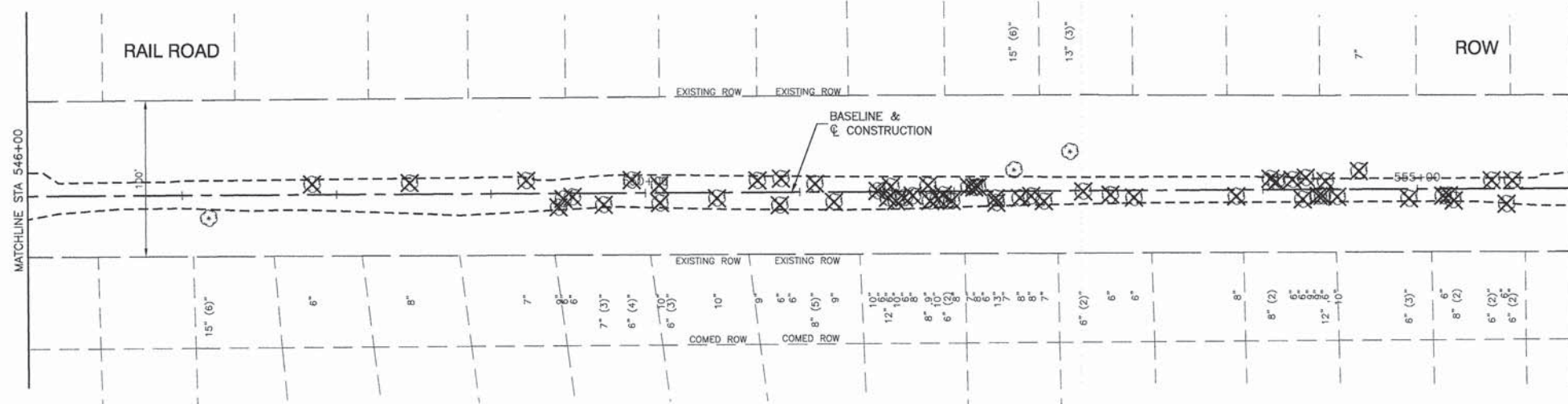


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	PLOT DATE = 12-15-14	DRAWN -- MED	REVISED --							CONTRACT NO. 61B14			
		CHECKED -- AG	REVISED --							FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (852)

SCALE: H 1"=50' V 1"=5' SHEET NO. 12 OF 65 SHEETS STA. 536+00 TO STA. 546+00

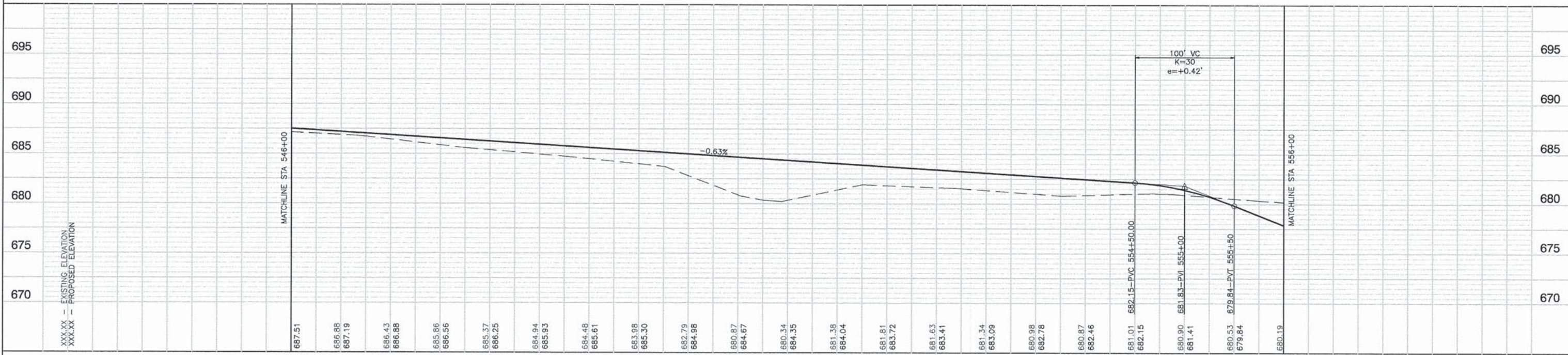
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



LEGEND:

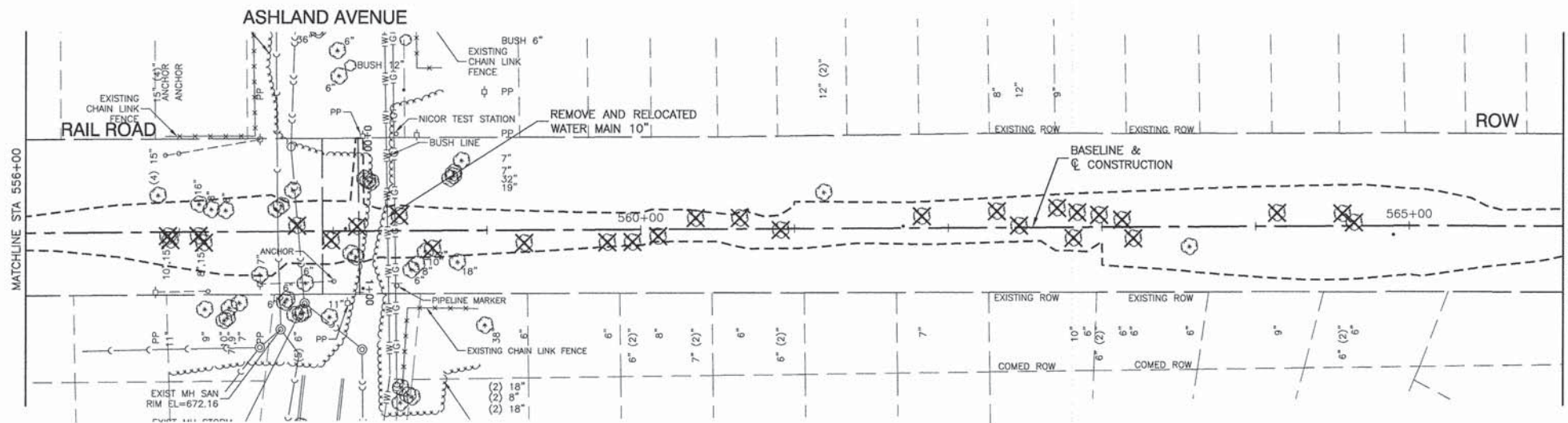
- CONCRETE SIDEWALK REMOVAL
- PROPOSED FOLD DOWN BOLLARD
- PROPOSED WOOD POSTS @ 5' C-C SPACING
- PCC SIDEWALK
- BIKE PATH
- DW DETECTABLE WARNINGS
- TREE REMOVAL
- CHAIN LINK FENCE
- PROPOSED SPLIT RAIL FENCE (AT EDGE OF PROPOSED TURF)
- PROFILE DITCH, RT
- PROFILE DITCH, LT
- LIMITS OF CONSTRUCTION



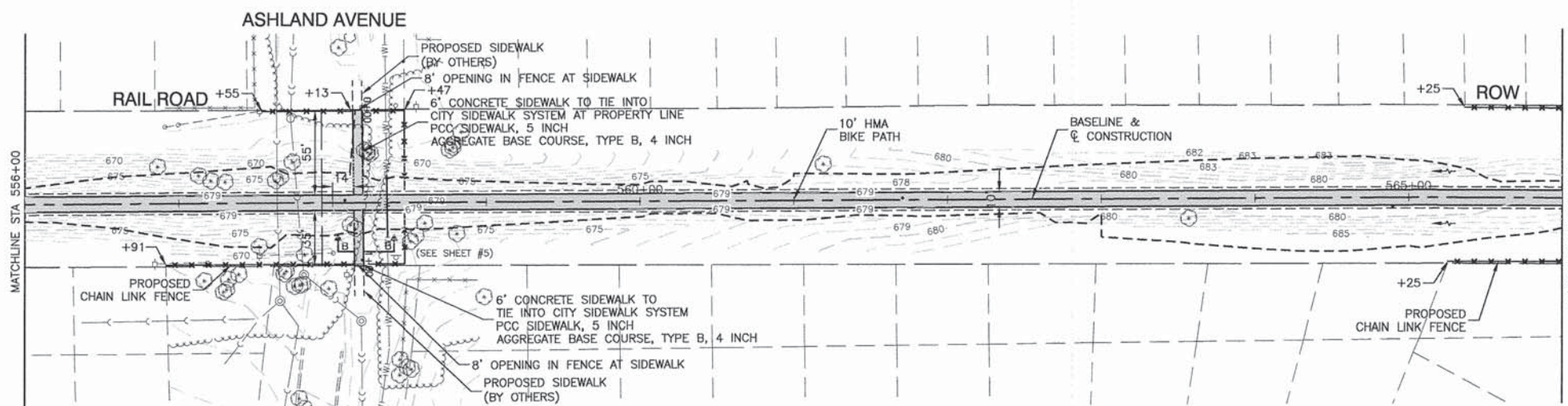
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		CHECKED - JMN	REVISED -				01-00207-00-BT	COOK	65	13	
		DRAWN - MED	REVISED -				CONTRACT NO. 61B14				
		CHECKED - AG	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (852)				
				SCALE: H 1"=50' V 1"=5'			SHEET NO. 13 OF 65 SHEETS		STA. 546+00 TO STA. 556+00		

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B.M. NOTED	



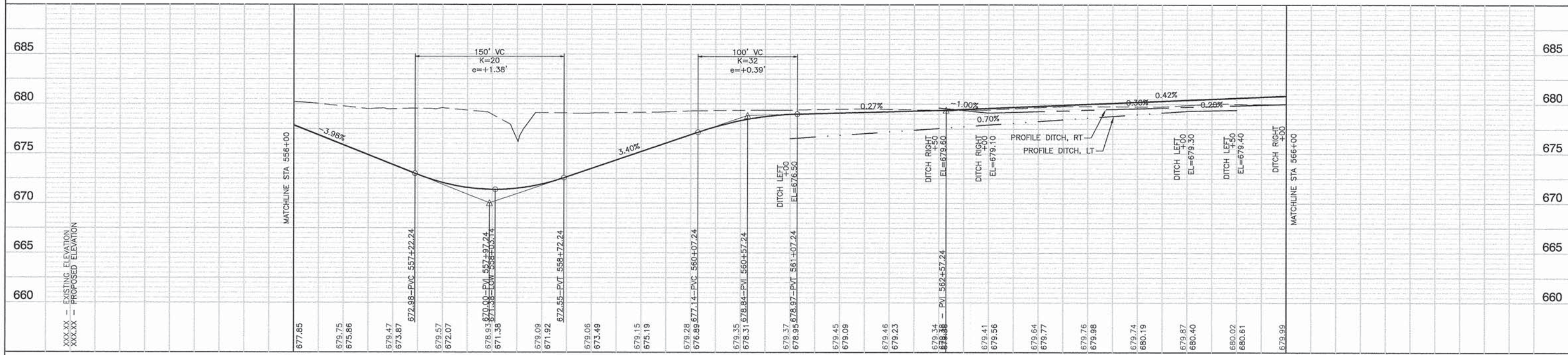
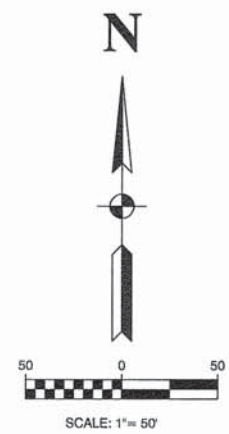
EXISTING CONDITIONS



PROPOSED IMPROVEMENTS

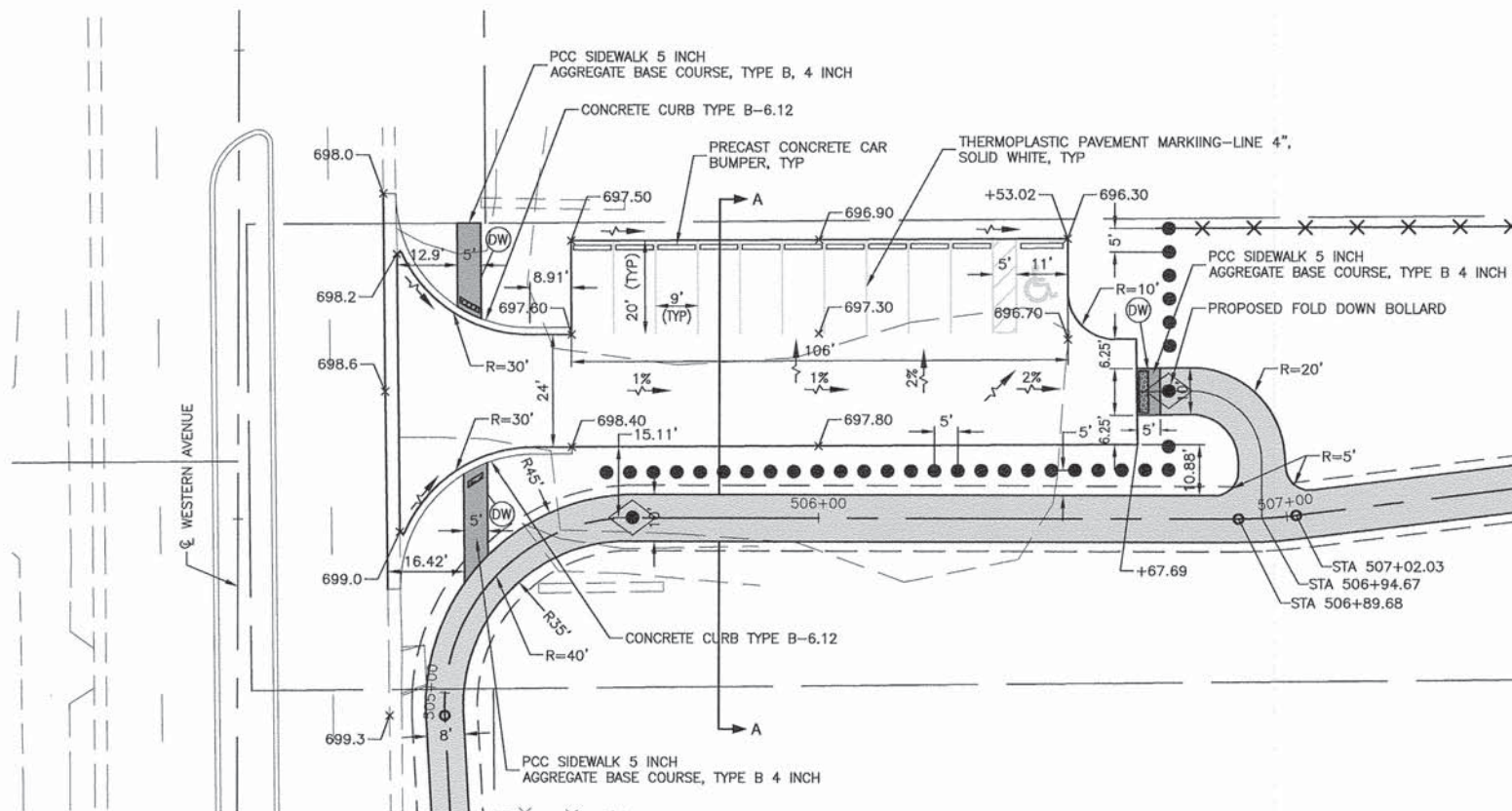
LEGEND:

- CONCRETE SIDEWALK REMOVAL
- PROPOSED FOLD DOWN BOLLARD
- PROPOSED WOOD POSTS @ 5' C-C SPACING
- PCC SIDEWALK
- BIKE PATH
- DETECTABLE WARNINGS
- TREE REMOVAL
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- LIMITS OF CONSTRUCTION

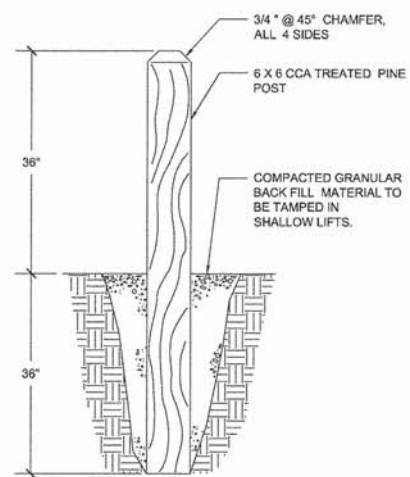


FILE NAME = 05-182_02_PLPR_01 - IDOT PLPR07	USER NAME =	DESIGNED - LR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OLD PLANK ROAD TRAIL BIKE PATH EXTENSION PLAN & PROFILE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - JMN	REVISED -					01-00207-00-BT	COOK	65	14	
	PLOT DATE = 12-15-14	DRAWN - MED	REVISED -					CONTRACT NO. 61B14				
		CHECKED - AG	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (852)	



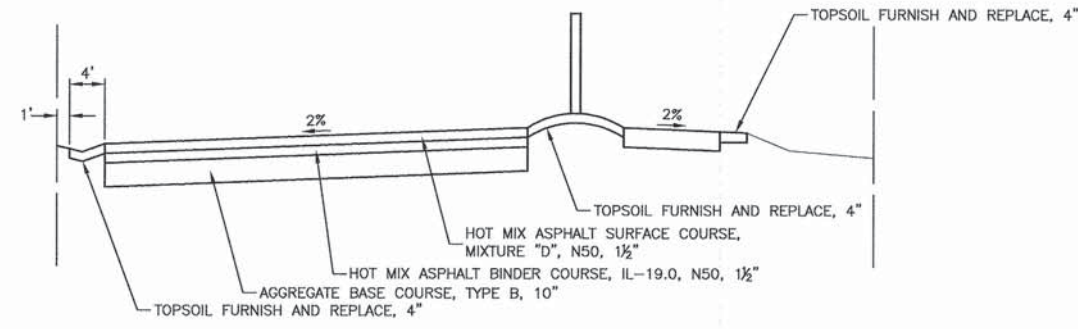


- LEGEND:**
- CONCRETE SIDEWALK REMOVAL
  - PROPOSED FOLD DOWN BOLLARD
  - PROPOSED WOOD POSTS @ 5' C-C SPACING
  - PCC SIDEWALK
  - BIKE PATH
  - DETECTABLE WARNINGS
  - TREE REMOVAL
  - CHAIN LINK FENCE
  - PROPOSED SPLIT RAIL FENCE (AT EDGE OF PROPOSED TURF)
  - PROFILE DITCH, RT
  - PROFILE DITCH, LT
  - LIMITS OF CONSTRUCTION



NOTES:  
1. 5' SPACING

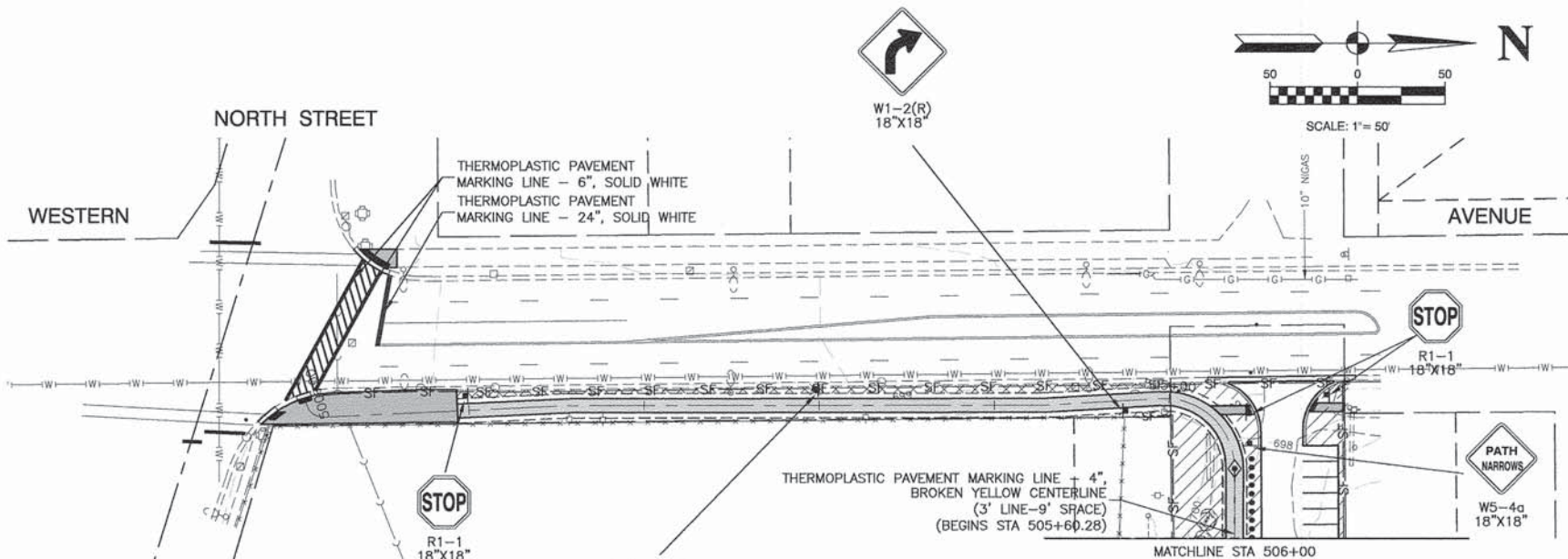
**WOOD POST**  
NOT TO SCALE



**SECTION A-A**  
STA 505+50

FILE NAME = 05-162_02_PLPR_01 - IDOT P01	USER NAME =	DESIGNED -- LR	REVISED --	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BIKE PATH EXTENSION OLD PLANK ROAD TRAIL PROPOSED PARKING LOT DETAILS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- JMN	REVISED --					01-00207-00-BT	COOK	65	16		
	PLOT DATE = 12-15-14	DRAWN -- MED	REVISED --					CONTRACT NO. 61B14					
		CHECKED -- AG	REVISED --	SCALE: 1"=20'			SHEET NO. 16	OF 65 SHEETS	STA. 505+00	TO STA. 507+00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT CMM-8003 (852)





**STORM WATER POLLUTION PREVENTION NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.
2. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.
3. TOTAL AREA OF SOIL DISTURBANCE IS APPROXIMATELY 1.4 ACRES.

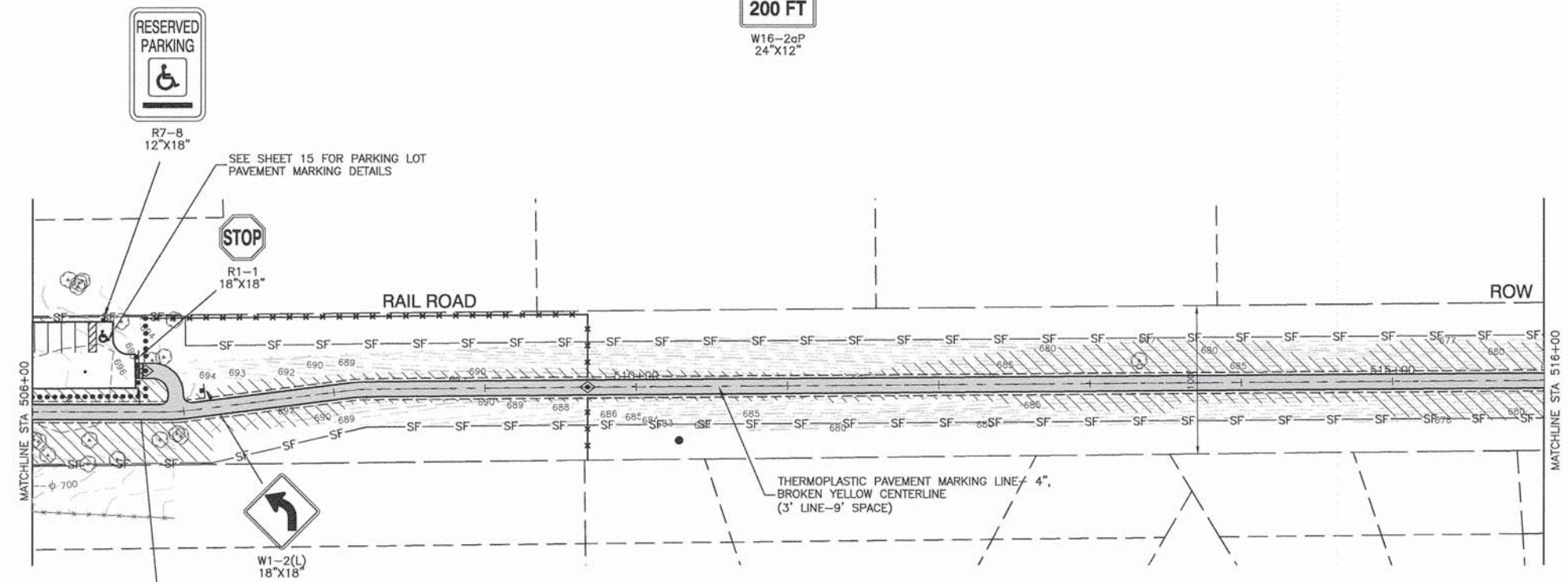
**TEMPORARY SEEDING**

Seeds	lbs/acre—Pure Live Seed
Oats	90
or Cereal Rye	90
or Wheat	90
or Perennial Ryegrass	25

**SOIL PROTECTION CHART**

STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A			*	*					
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			D*						
SODDING			E**									
MULCHING												

- A. KENTUCKY BLUEGRASS 90 LBS/AC MIXED WITH PERENNIAL RYEGRASS 30 LBS/AC
  - B. KENTUCKY BLUEGRASS 135 LBS/AC MIXED WITH PERENNIAL RYEGRASS 45 LBS/AC + 2 TONS STRAW MULCH/AC
  - C. SPRING OATS 100 LBS/AC
  - D. WHEAT OR CEREAL RYE 150 LBS/AC
  - E. SOD (NURSERY GROWN KENTUCKY BLUEGRASS)
  - F. STRAW MULCH 2 TONS/AC
- \* IRRIGATION NEEDED DURING JUNE AND JULY  
 \*\* IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD



**EROSION CONTROL NOTES:**

WITHIN 24 HOURS FROM THE TIME SEEDING HAS BEEN PERFORMED, THE SEED AREA SHALL BE GIVEN A COVERING OF MULCH. THE MULCH SHALL CONSIST OF HAND OR MACHINE APPLICATION OF STRAW, MULCH AT RATE OF 2 TON PER ACRE. MULCH SHALL EITHER BE ANCHORED WITH A MECHANICAL STABILIZER OR PARTIALLY COATED WITH EMULSIFIED ASPHALT. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION.

ANY OBSERVED DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

ANY EXISTING SUBSURFACE DRAINAGE SYSTEM OR FIELD TILES THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED.

ANY DUST OR MUD TRACKED ONTO STREETS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.

ALL SOIL EROSION, AND SEDIMENTATION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

ALL SOIL SHALL BE STABILIZED WITHIN 7 DAYS OF SOIL DISTURBANCE.

STOCK PILES SHALL BE STABILIZED WITHIN 7 DAYS OF SOIL DISTURBANCE BY MEANS OF TEMPORARY SEEDING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. REQUIRED INSPECTION REPORTS SHALL BE SUBMITTED TO THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT AT 1201 GOUGAR ROAD, NEW LENOX 60451.

ALL EROSION CONTROL PRACTICES SHALL BE INSPECTED WEEKLY AND AFTER ANY RAINFALL GREATER THAN 0.5".

THE SEEDING DATES FOR TEMPORARY SEEDING SHALL BE EARLY SPRING TO SEPTEMBER 30. THE SEEDING DATES FOR BARE EARTH SEEDING SHALL BE FROM MAY 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1.

TEMPORARY SEEDING SHALL BE FERTILIZED WITH 500 LBS/ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT.

**LANDSCAPING GENERAL NOTES**

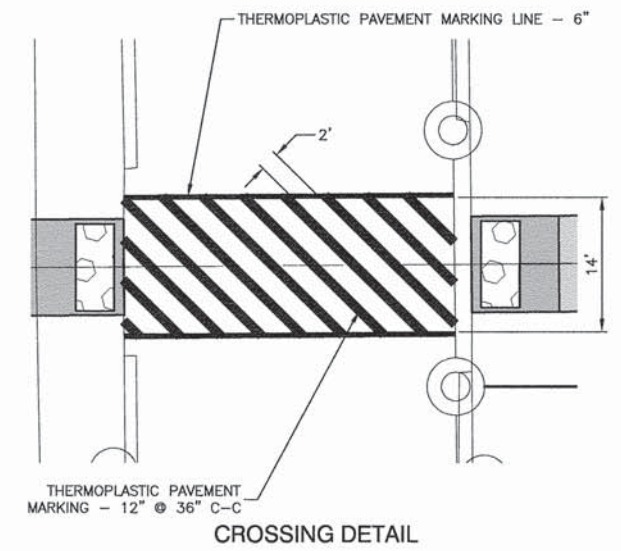
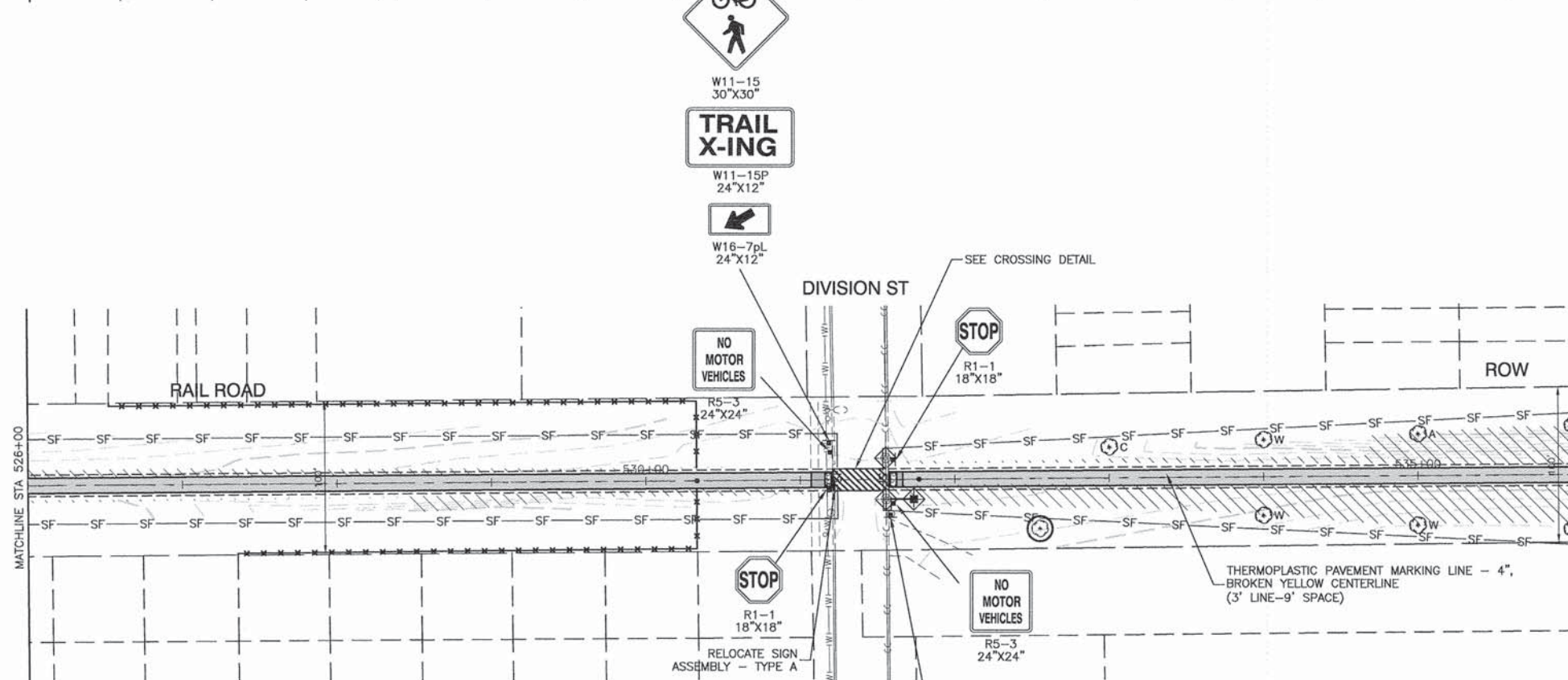
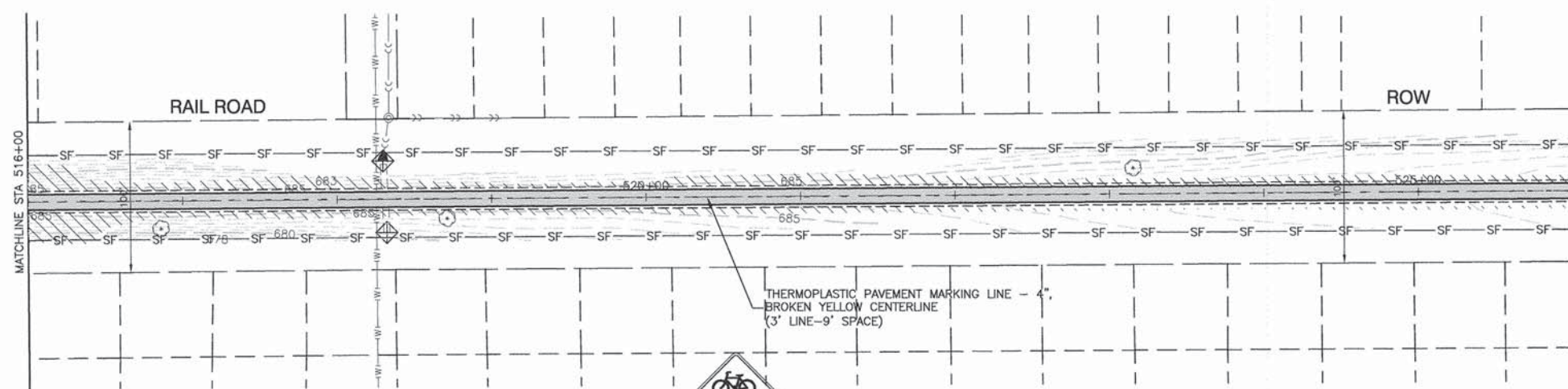
TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MINIMUM VERTICAL CLEARANCE REQUIREMENT IN 201.05 (C) SHALL BE 12 FEET, NOT 20 FEET.

**PROPOSED TREE PLANTING LEGEND**

- ⊙<sup>A</sup> -ACER X FREEMANII AUTUMN BLAZE, 3"
- ⊙<sup>C</sup> -CELTIS ACCIDENTALIS CHICAGOLAND, 3"
- ⊙<sup>R</sup> -QUERCUS RUBRA (RED OAK), 3"
- ⊙<sup>W</sup> -QUERCUS BICOLOR (SWAMP WHITE OAK), 2"

KEY	ITEM NAME
—SF—	PERIMETER EROSION BARRIER TO BE PLACED 1' MINIMUM OUTSIDE OF CONSTRUCTION LIMITS, BOTH SIDES OF TRAIL.
▨	SEEDING CLASS 5 W/ TOPSOIL 4" AND EROSION CONTROL BLANKET *
▩	SEEDING CLASS 1A W/ TOPSOIL 4" AND EROSION CONTROL BLANKET
⊕	INLET FILTER
⊞	INLET AND PIPE PROTECTION
⊙	TREE PROTECTION

\* EXCEPT 2' EACH SIDE OF PATH (CLASS 2)



**LANDSCAPING GENERAL NOTES**  
 TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MINIMUM VERTICAL CLEARANCE REQUIREMENT IN 201.05 (C) SHALL BE 12 FEET, NOT 20 FEET.

- PROPOSED TREE PLANTING LEGEND**
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KEY	ITEM NAME
—SF—	PERIMETER EROSION BARRIER TO BE PLACED 1' MINIMUM OUTSIDE OF CONSTRUCTION LIMITS, BOTH SIDES OF TRAIL.
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	SEEDING CLASS 1A W/ TOPSOIL 4" AND EROSION CONTROL BLANKET
	INLET FILTER
	INLET AND PIPE PROTECTION
	TREE PROTECTION

\* EXCEPT 2' EACH SIDE OF PATH (CLASS 2)

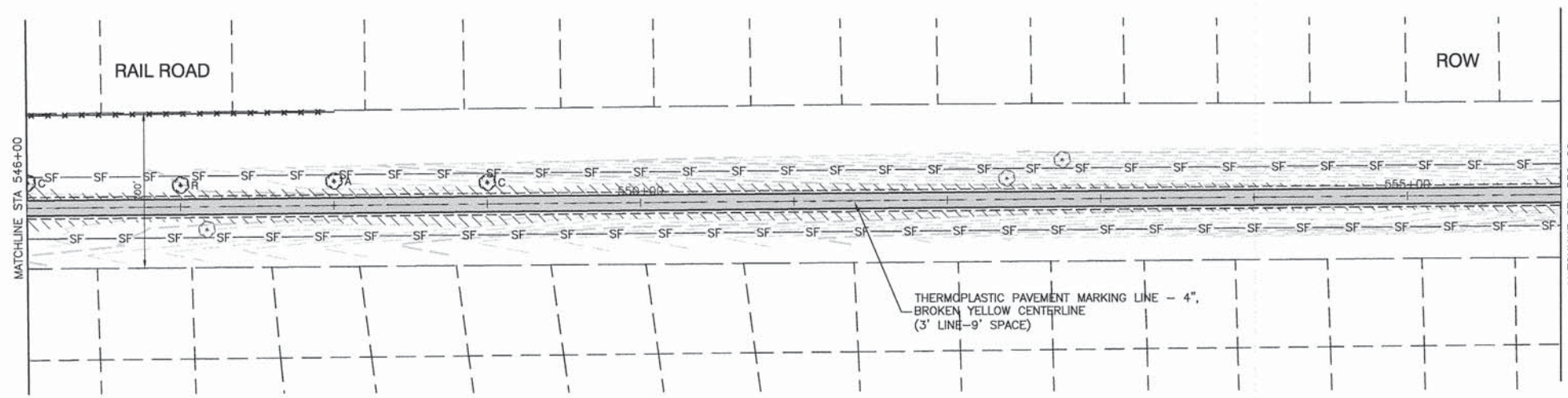
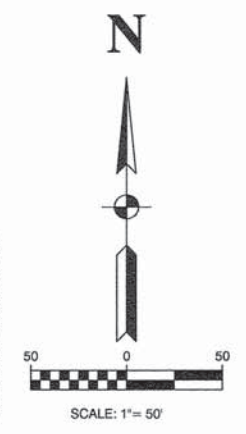
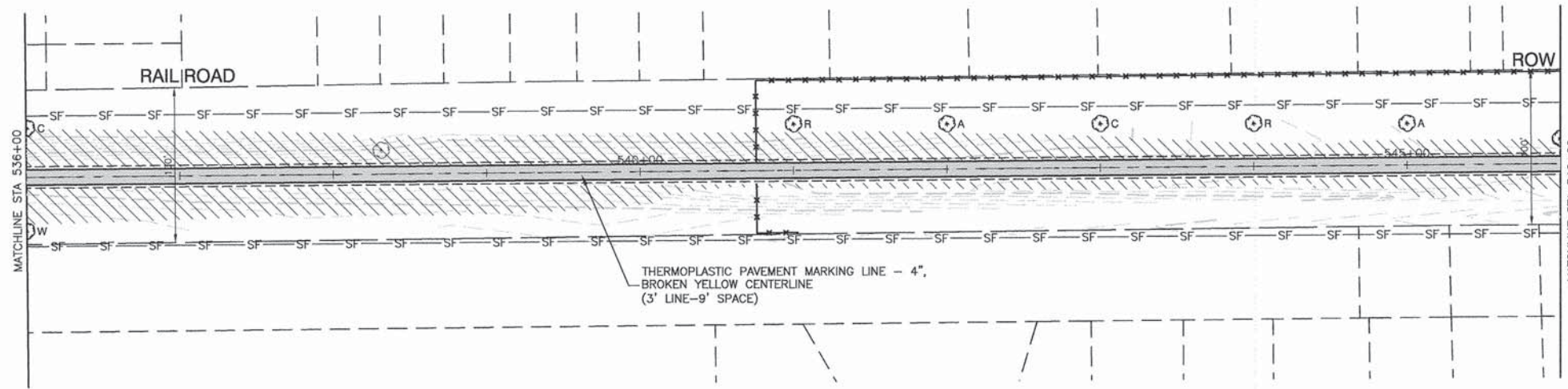
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 USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED — LR	REVISOR —
CHECKED — JMN	REVISION —
DRAWN — RG	REVISION —
CHECKED — AG	REVISION —

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 PAVEMENT MARKING, SIGNING, LANDSCAPING, AND EROSION CONTROL PLAN  
 SCALE: 1"=50' SHEET NO. 18 OF 64 SHEETS STA. 516+00 TO STA. 536+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	18
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				



**LANDSCAPING GENERAL NOTES**  
 TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MINIMUM VERTICAL CLEARANCE REQUIREMENT IN 201.05 (C) SHALL BE 12 FEET, NOT 20 FEET.

- PROPOSED TREE PLANTING LEGEND**
- ⊙<sup>A</sup> -ACER X FREEMANII AUTUMN BLAZE, 3"
  - ⊙<sup>C</sup> -CELTIS ACCIDENTALIS CHICAGOLAND, 3"
  - ⊙<sup>R</sup> -QUERCUS RUBRA (RED OAK), 3"
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KEY	ITEM NAME
—SF—	PERIMETER EROSION BARRIER TO BE PLACED 1' MINIMUM OUTSIDE OF CONSTRUCTION LIMITS, BOTH SIDES OF TRAIL.
	SEEDING CLASS 5 W/ TOPSOIL 4" AND EROSION CONTROL BLANKET *
	SEEDING CLASS 1A W/ TOPSOIL 4" AND EROSION CONTROL BLANKET
	INLET FILTER
	INLET AND PIPE PROTECTION
	TREE PROTECTION

\* EXCEPT 2' EACH SIDE OF PATH (CLASS 2)

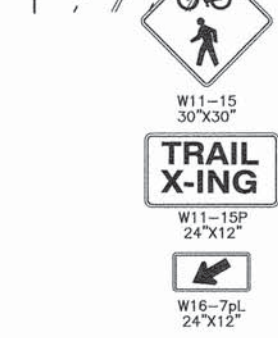
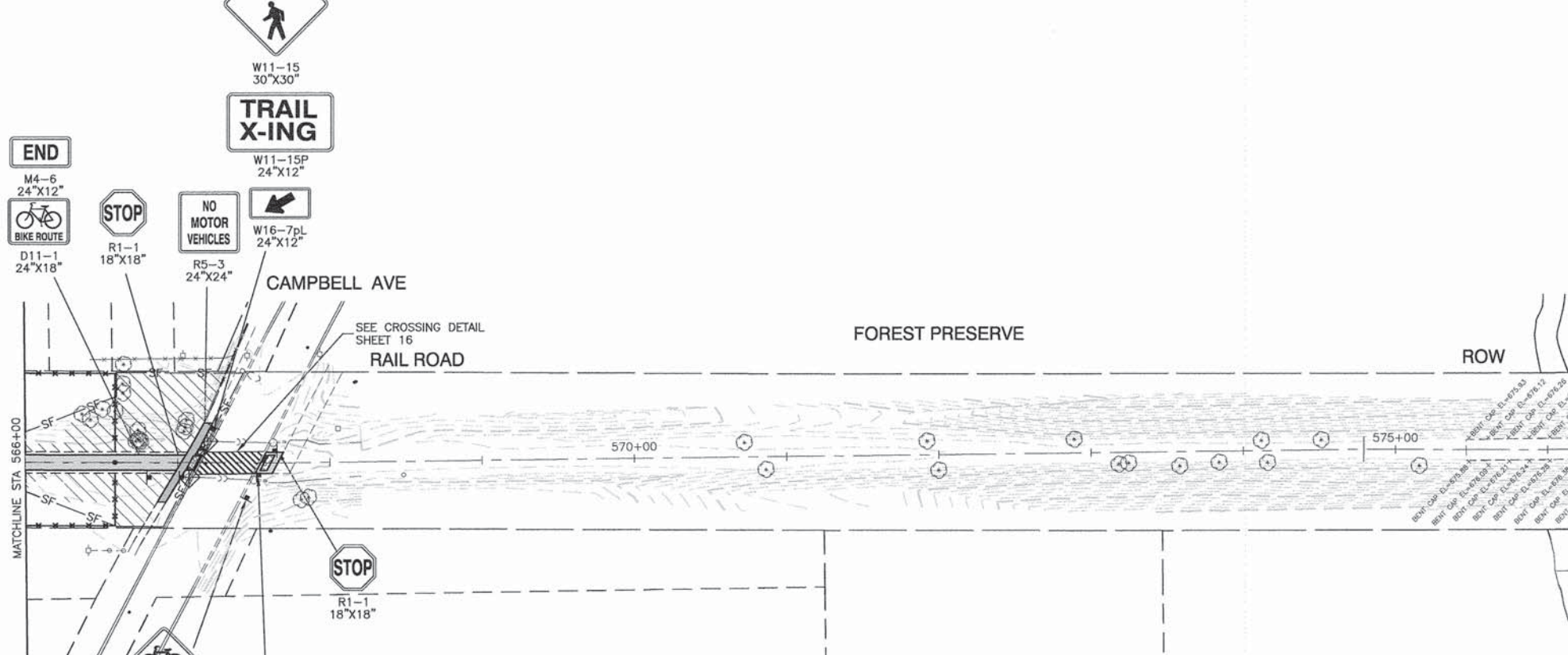
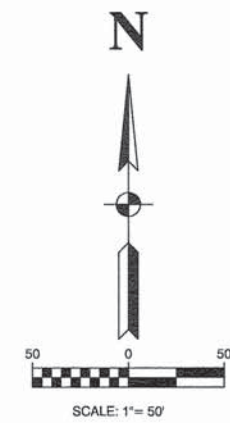
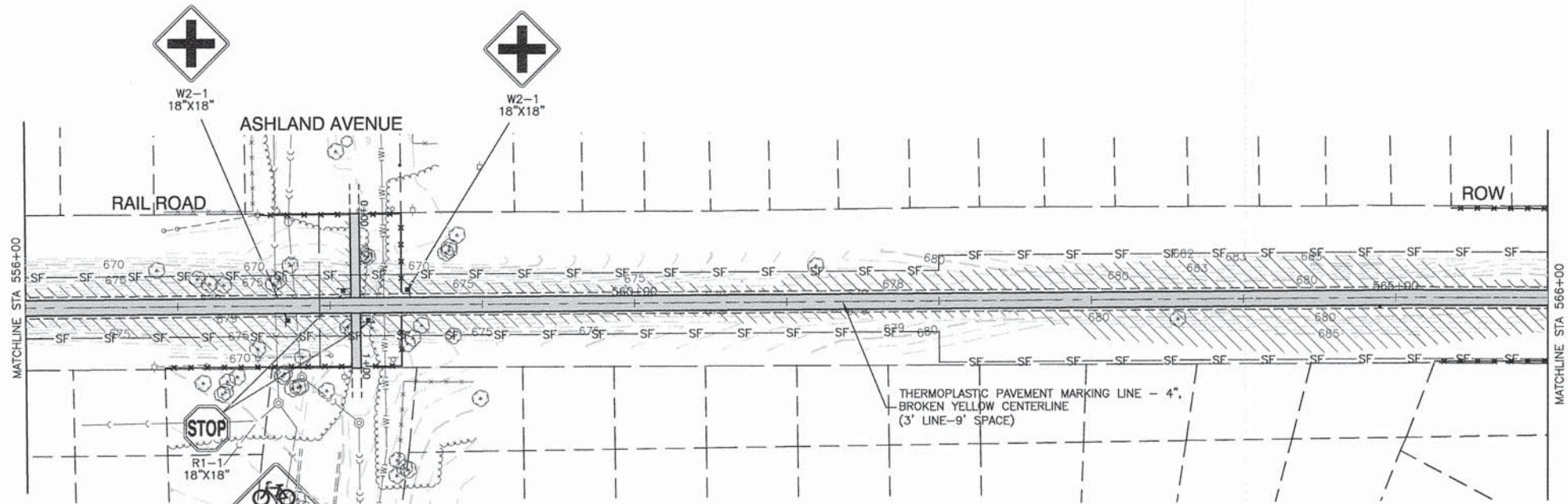
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 USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED — LR	REVISOR —
CHECKED — JMN	REVISION —
DRAWN — RG	REVISION —
CHECKED — AG	REVISION —

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 PAVEMENT MARKING, SIGNING, LANDSCAPING, AND EROSION CONTROL PLAN**  
 SCALE: 1"=50' SHEET NO. 19 OF 64 SHEETS STA. 536+00 TO STA. 556+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	19
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT CMM-8003 (144)
CONTRACT NO. 61B14				



**LANDSCAPING GENERAL NOTES**  
 TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MINIMUM VERTICAL CLEARANCE REQUIREMENT IN 201.05 (C) SHALL BE 12 FEET, NOT 20 FEET.

- PROPOSED TREE PLANTING LEGEND**
- ⊙<sup>A</sup> -ACER X FREEMANII AUTUMN BLAZE, 3"
  - ⊙<sup>C</sup> -CELTIS ACCIDENTALIS CHICAGOLAND, 3"
  - ⊙<sup>R</sup> -QUERCUS RUBRA (RED OAK), 3"
  - ⊙<sup>W</sup> -QUERCUS BICOLOR (SWAMP WHITE OAK), 2"

KEY	ITEM NAME
—SF—	PERIMETER EROSION BARRIER TO BE PLACED 1' MINIMUM OUTSIDE OF CONSTRUCTION LIMITS, BOTH SIDES OF TRAIL.
	SEEDING CLASS 5 W/ TOPSOIL 4" AND EROSION CONTROL BLANKET *
	SEEDING CLASS 1A W/ TOPSOIL 4" AND EROSION CONTROL BLANKET
	INLET FILTER
	INLET AND PIPE PROTECTION
	TREE PROTECTION

\* EXCEPT 2' EACH SIDE OF PATH (CLASS 2)

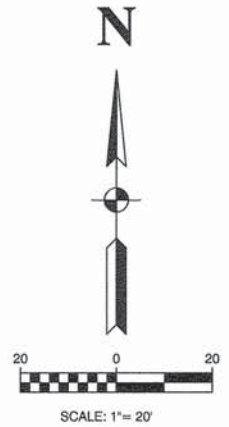
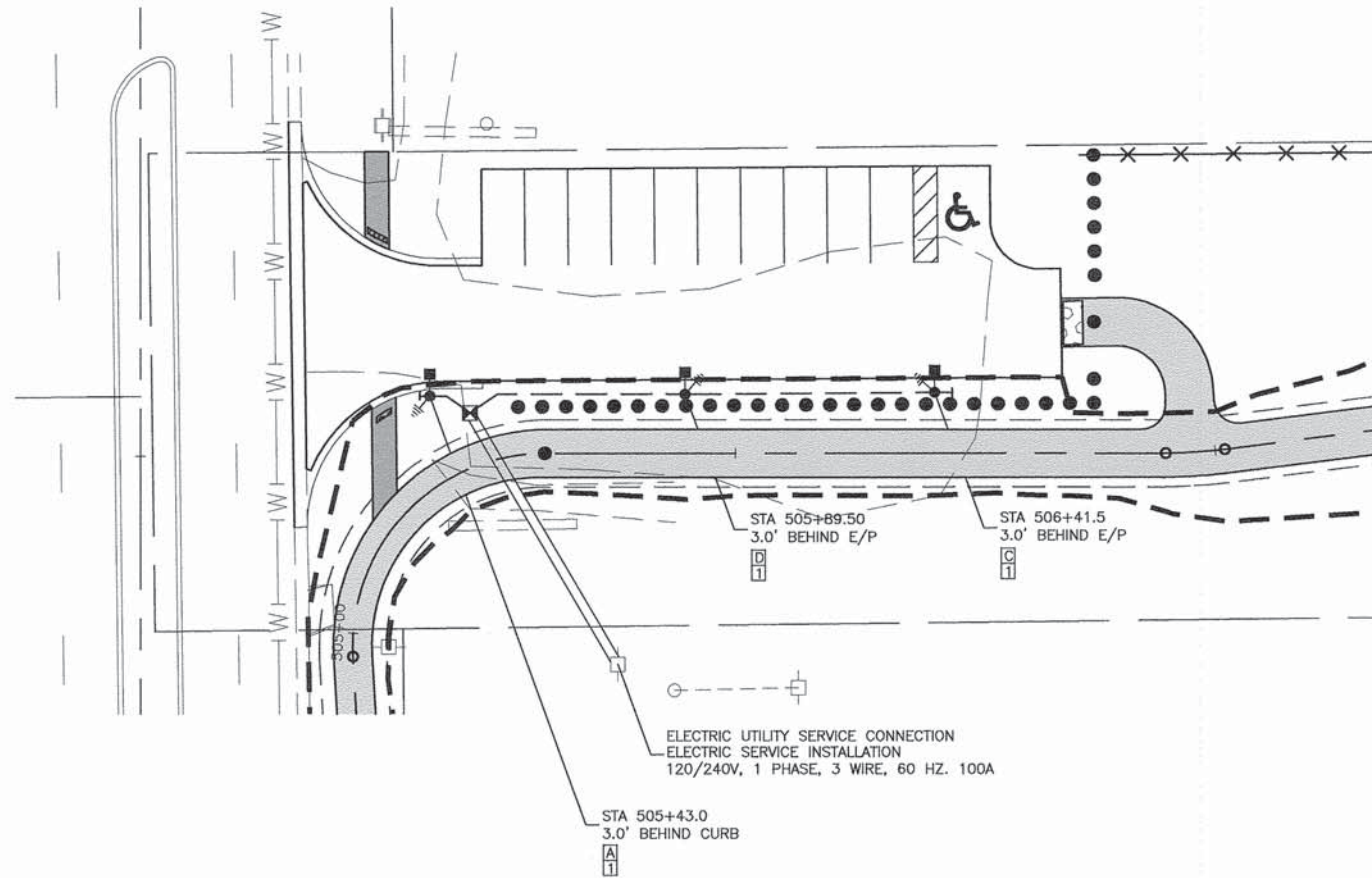
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 PLOT SCALE =  
 PLOT DATE = 12-15-14

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
	DRAWN -- RG	REVISED --
	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 PAVEMENT MARKING, SIGNING, LANDSCAPING, AND EROSION CONTROL PLAN**  
 SCALE: 1"=50' SHEET NO. 20 OF 64 SHEETS STA. 556+00 TO STA. 575+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	20
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



**LEGEND**

- ■ PROPOSED AREA LIGHT, LED
- PROPOSED CONTROLLER, CONSOLE TYPE
- UNIT DUCT, 600V, 3-1/C, NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA., POLYETHYLENE
- ===== SERVICE WIRE, 3-1/C, NO. 1/0 AWG. IN 2.5" GSC
- ⊗ GR GROUND ROD, 5/8" DIA. x 10'
- ┌ CAPPED RACEWAY

**POLE IDENTIFICATION**



FILE NAME = 05-162\_02\_PLPR\_01 - IDOT P02

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

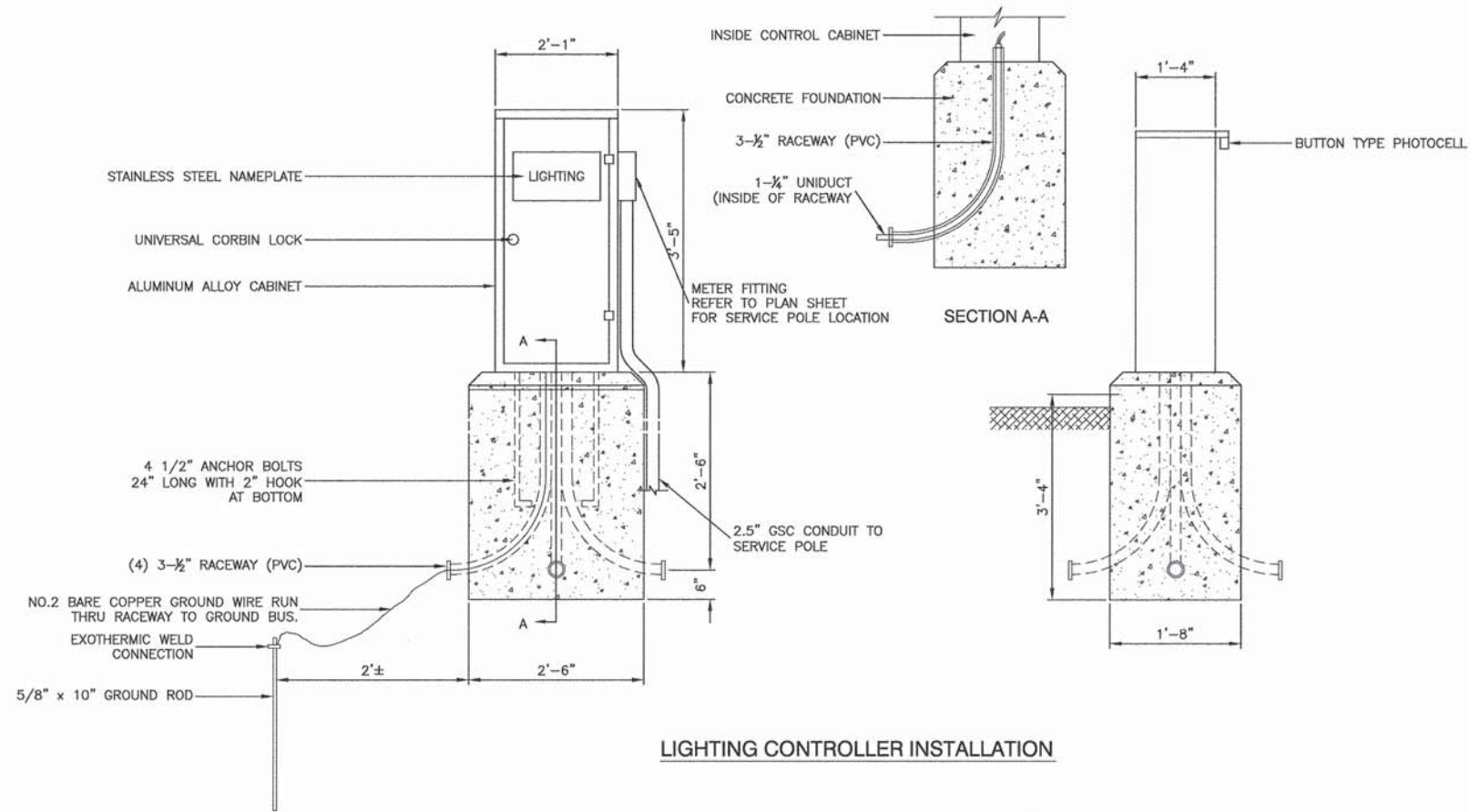
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BIKE PATH EXTENSION  
OLD PLANK ROAD TRAIL  
PROPOSED PARKING LOT LIGHTING

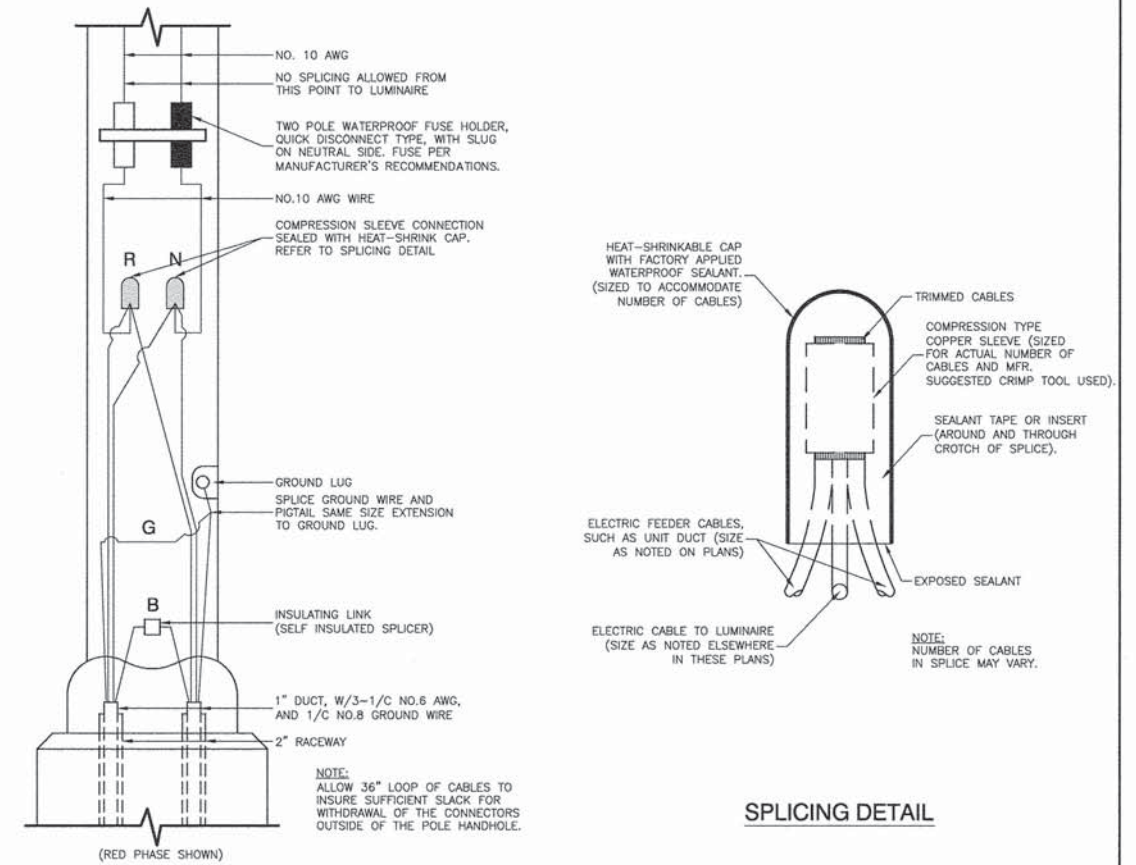
SCALE: 1"=20' SHEET NO. 21 OF 64 SHEETS STA. 505+00 TO STA. 507+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	21
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-9003 (144)	

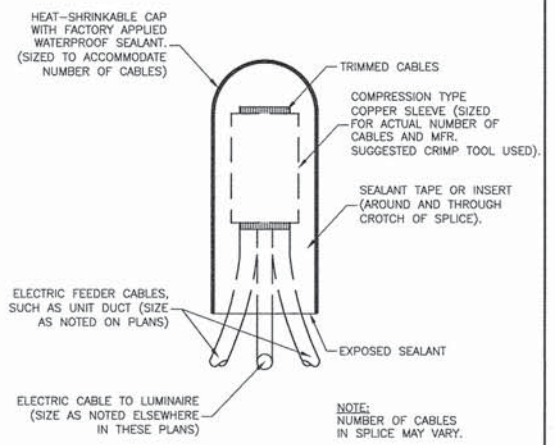
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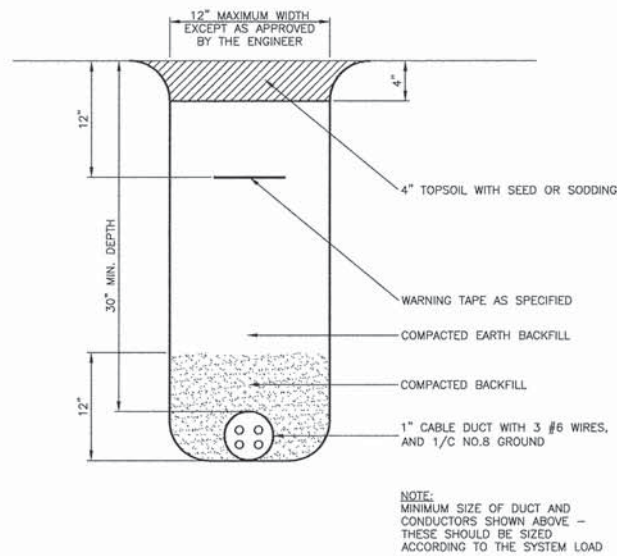
**LIGHTING CONTROLLER INSTALLATION**



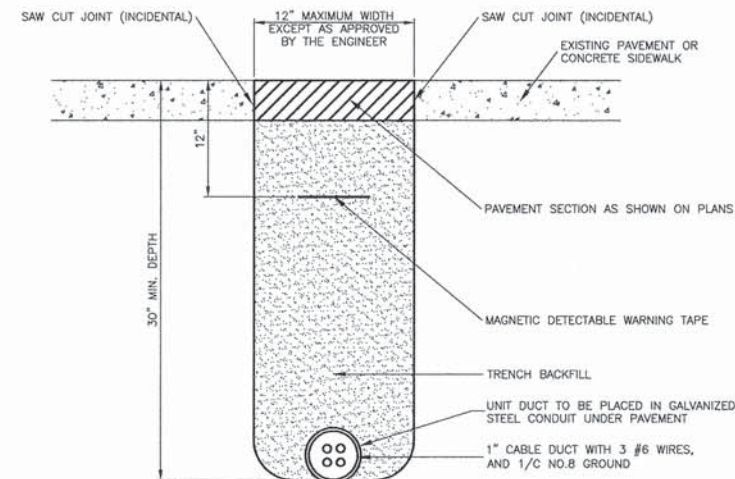
**POLE HANDHOLE WIRING DIAGRAM**



**SPlicing DETAIL**



**TYPICAL TRENCH DETAIL FOR ELECTRIC CABLE**



**TRENCH UNDER HOT-MIX ASPHALT PAVEMENT OR CONCRETE SIDEWALK**

**LIGHTING GENERAL NOTES :**

1. ALL WORK TO CONFORM TO THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
2. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGERING.
3. BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL ELECTRIC UTILITY FOR APPROVAL OF LOCATION.
4. FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL ELECTRIC UTILITY.
5. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACK FILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
7. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
8. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
9. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
10. UNDERGROUND SPLICES OF LIGHTING CONDUCTORS WILL NOT BE ALLOWED.
11. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREE, BUSHES, DRAINS AND OTHER UTILITIES.
12. THE CONTROLLER SHALL BE UL LISTED, NEMA 3R, AND BE SUITABLE FOR USE AS SERVICE ENTRANCE RATED.

FILE NAME = 05162\_02-LGHT-01 - IDOT P01

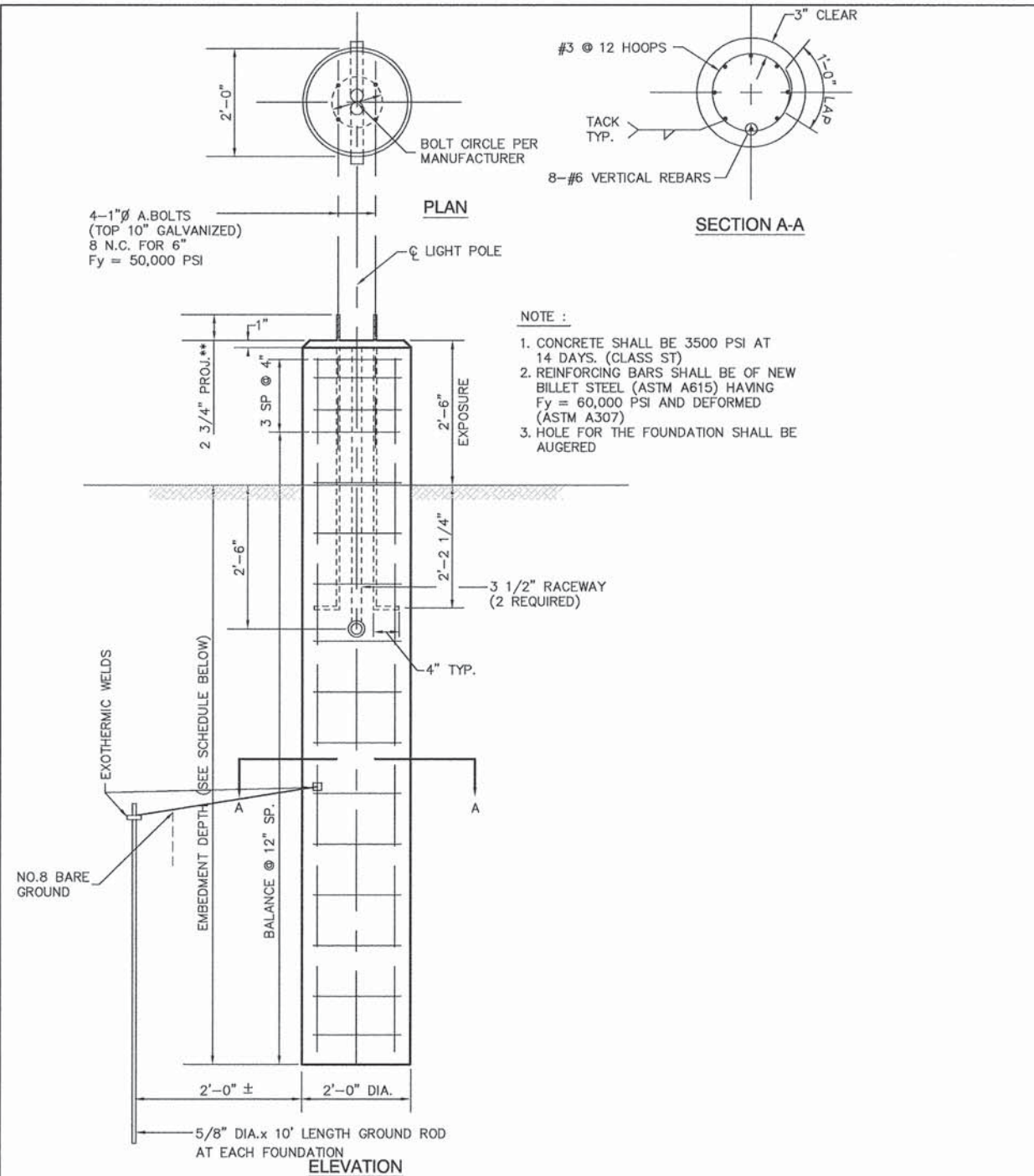
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	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- ACAD	REVISED --
PLOT DATE = 12-15-14	CHECKED -- ACAD	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
LIGHTING DETAILS

SCALE: SHEET NO. 22 OF 64 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	22
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



**LIGHT POLE FOUNDATION (AREA LIGHTS)**

TYPE OF SOILS		FOUNDATION SCHEDULE			
		EMBEDMENT			
DESCRIPTION	STANDARDS	MOUNTING HEIGHT			
		25-30 FT.	37.5 FT.	40 FT.	50 FT.
SOFT CLAY	Qu = .25-.50 T/FT. <sup>2</sup>	9'-0"	9'-8"	10'-6"	14'-0"
MEDIUM CLAY	Qu = .50-1.0 T/FT. <sup>2</sup>	6'-6"*	7'-0"	7'-6"	10'-0"
DENSE CLAY	Qu = 1.0-2.0 T/FT. <sup>2</sup>	5'-6"	6'-0"	6'-6"	8'-6"
LOOSE SAND	N = 4-10	7'-0"	7'-8"	8'-4"	11'-0"
MEDIUM SAND	N = 10-30	6'-0"	6'-6"	7'-3"	9'-6"
DENSE SAND	N = 30-50	5'-6"	6'-0"	6'-6"	8'-6"

\* TOTAL LENGTH OF FOUNDATION: 6'-6" + 3'-0" = 9'-6"

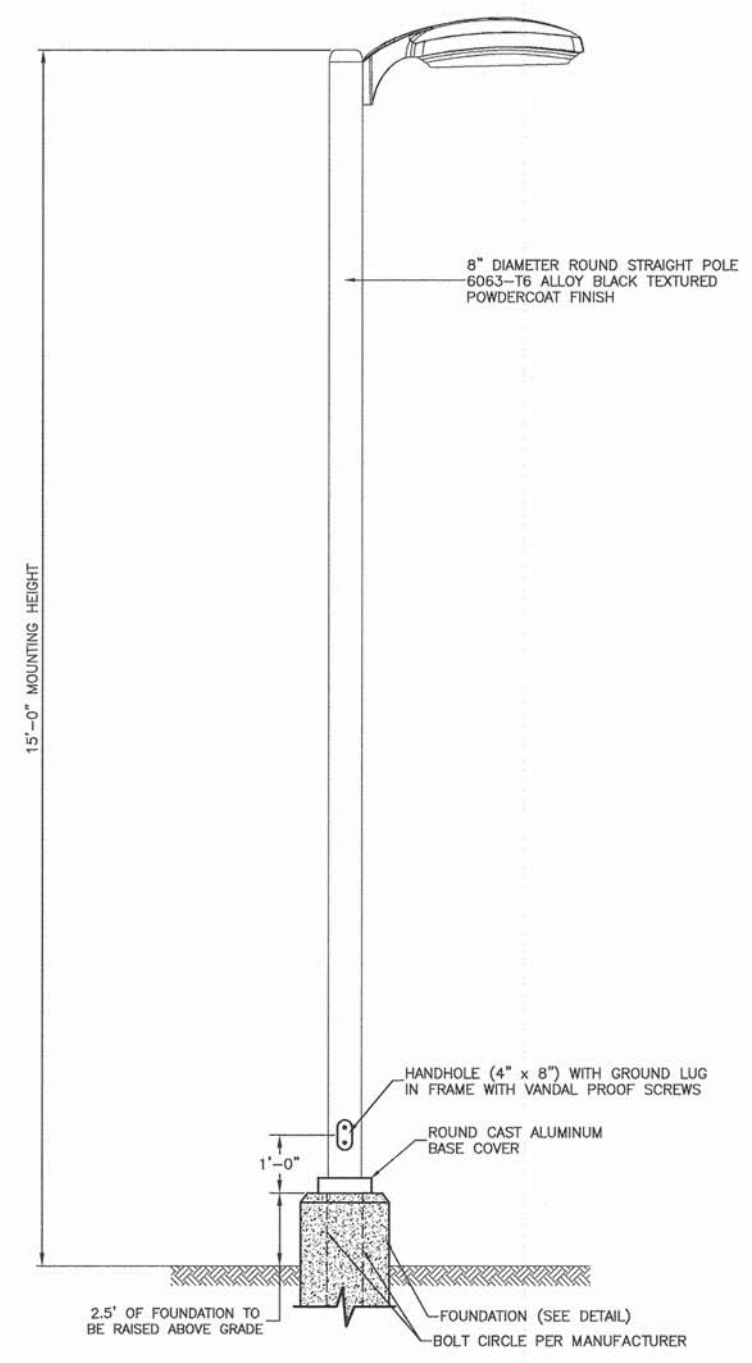
LUMINAIRE: LED AREA LIGHT  
 67 WATT LED LIGHT SOURCE  
 120 VOLT DRIVER

I.E.S. TYPE: MC IV LIGHT DISTRIBUTION, FULL CUTOFF

LENS TYPE: FLAT

INITIAL LAMP LUMENS: 5600 MINIMUM

LAMP LIFE: 50,000+ HOURS (L85) MINIMUM



NOTE:  
 THE LIGHTING UNITS SHALL MEET AASHTO DESIGN CRITERIA. DESIGN FOR 90 M.P.H. WIND WITH 30% GUST AND 75 POUND LUMINAIRE HAVING AN E.P.A. OF 1.6 SQ. FT. AND PROPER ICE LOADING.

**TYPICAL POLE INSTALLATION FOR AREA LIGHTS**

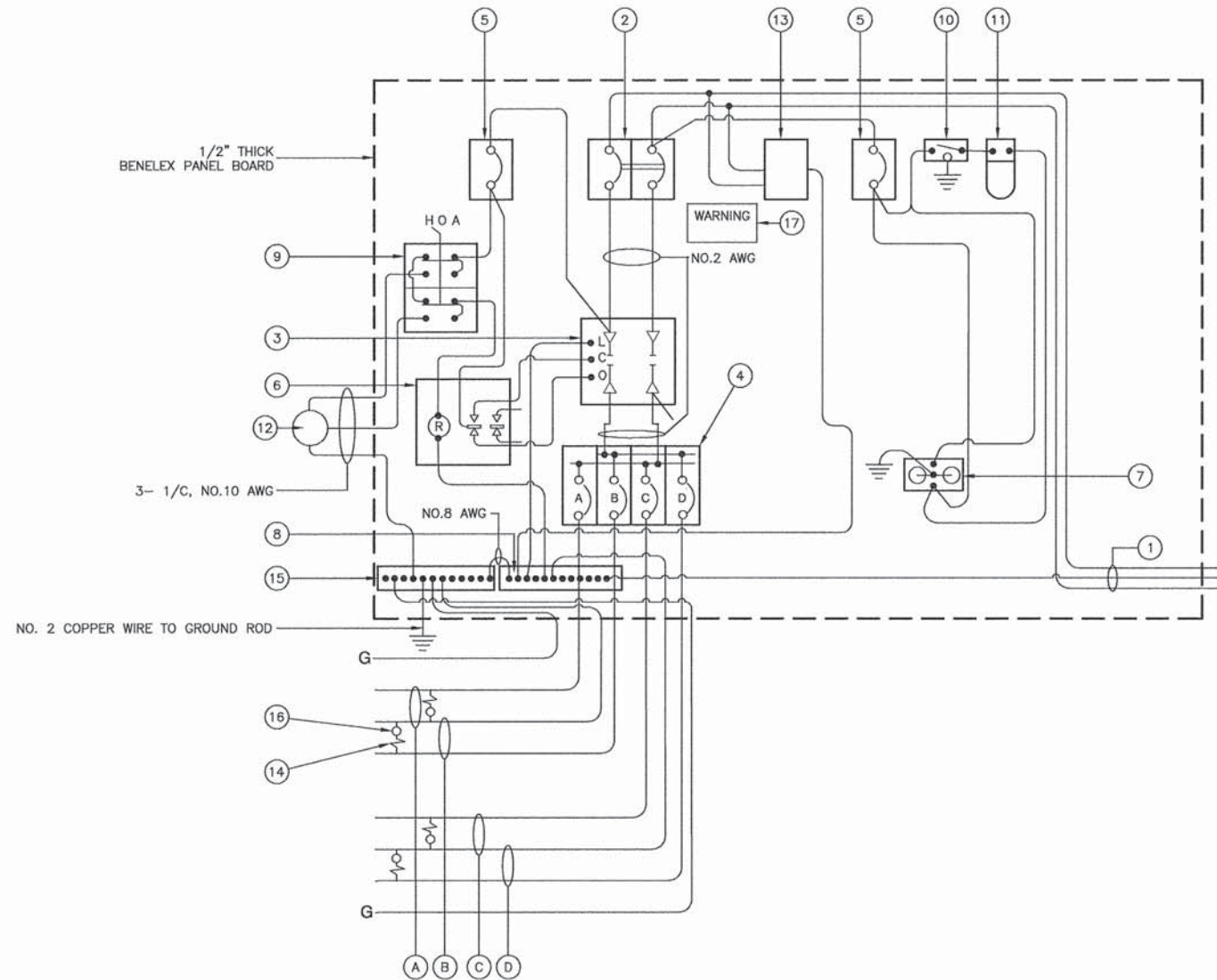
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	PLOT DATE = 12-15-14	CHECKED -- ACAD	REVISED --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 LIGHTING DETAILS

SCALE: SHEET NO. 23 OF 64 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	23
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				



CONTROLLER WIRING DIAGRAM

**CONTROLLER WIRING DIAGRAM LEGEND**

- ① 3-1/C, NO. 1/0 600V SERVICE WIRE IN 2.5" DIA GALVANIZED STEEL CONDUIT FOR 120/240 VOLT, 1Ø, 3 WIRE, 60HZ. SERVICE.
- ② (1) 100 AMP MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA - 14000 AMP AT 480 V.
- ③ (1) 100 AMP CONTACTOR SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, 600 VOLT
- ④ (4) 30 AMP CIRCUIT BREAKER, 1 POLE, 600 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP RATING NEMA - 14000 AMP AT 240 VOLTS.
- ⑤ (2) 20 AMP CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 VOLT, 100 AMP BASE, NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA 7500 AMP AT 120 V.
- ⑥ (1) 20 AMP, 1 POLE DOUBLE THROW, 120 VOLT RELAY
- ⑦ (1) 20 AMP, 120 VOLT DUPLEX GFCI RECEPTACLE.
- ⑧ NEUTRAL BUS BAR, 1/4"x1"x12" LONG MOUNTED ON PANEL WITH TAPS.
- ⑨ 3 POSITION SELECTOR SWITCH
- ⑩ SWITCH FOR LIGHTING FIXTURE MOUNTED IN BOX.
- ⑪ WEATHER-PROOF INCANDESCENT LIGHTING FIXTURE WITH 60 WATT, 120 V LAMP.
- ⑫ BUTTON TYPE PHOTOCELL MOUNTED TO CABINET OVERHANG
- ⑬ SURGE ARRESTER, VALVE TYPE, 650 VOLT MAX
- ⑭ IN-LINE FUSEHOLDER WITH FUSE AS NOTED IN FUSE TABLE
- ⑮ GROUND BUS BAR 1/4"x1"x12" MINIMUM LENGTH MOUNTED ON PANEL WITH TAPS.
- ⑯ LUMINAIRE
- ⑰ WARNING PLATE TO READ: WARNING, MAINTENANCE CIRCUIT IS LIVE WHEN MAIN BREAKER IS SWITCHED OFF.
- (A) CIRCUIT (RED)
- (B) CIRCUIT (BLACK)
- (C) CIRCUIT (RED)
- (D) CIRCUIT (BLACK)

**GENERAL NOTES FOR CONTROL CABINET**

1. ENTIRE CONTROL CABINET SHALL BE GROUNDED.
2. ALL WIRING SHALL BE TAGGED WITH SELF-STICKING WIRE MARKERS.
3. GROUND BUS TO BE COLOR CODED GREEN, NEUTRAL BUS WHITE, AND BONDED TO CABINET ENCLOSURE, BY LISTED PRESSURE CONNECTORS OR LISTED CLAMPS.
4. ALL INTERNAL CONTROLLER WIRING TO BE NO.12 AWG UNLESS OTHERWISE SPECIFIED.
5. CABINET WIRING INSULATION TO BE TYPE XHHW OR APPROVED EQUAL.

FILE NAME = 05162\_02-LGHT-01 - IDOT P03

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- ACAD	REVISED --
PLOT DATE = 12-15-14	CHECKED -- ACAD	REVISED --

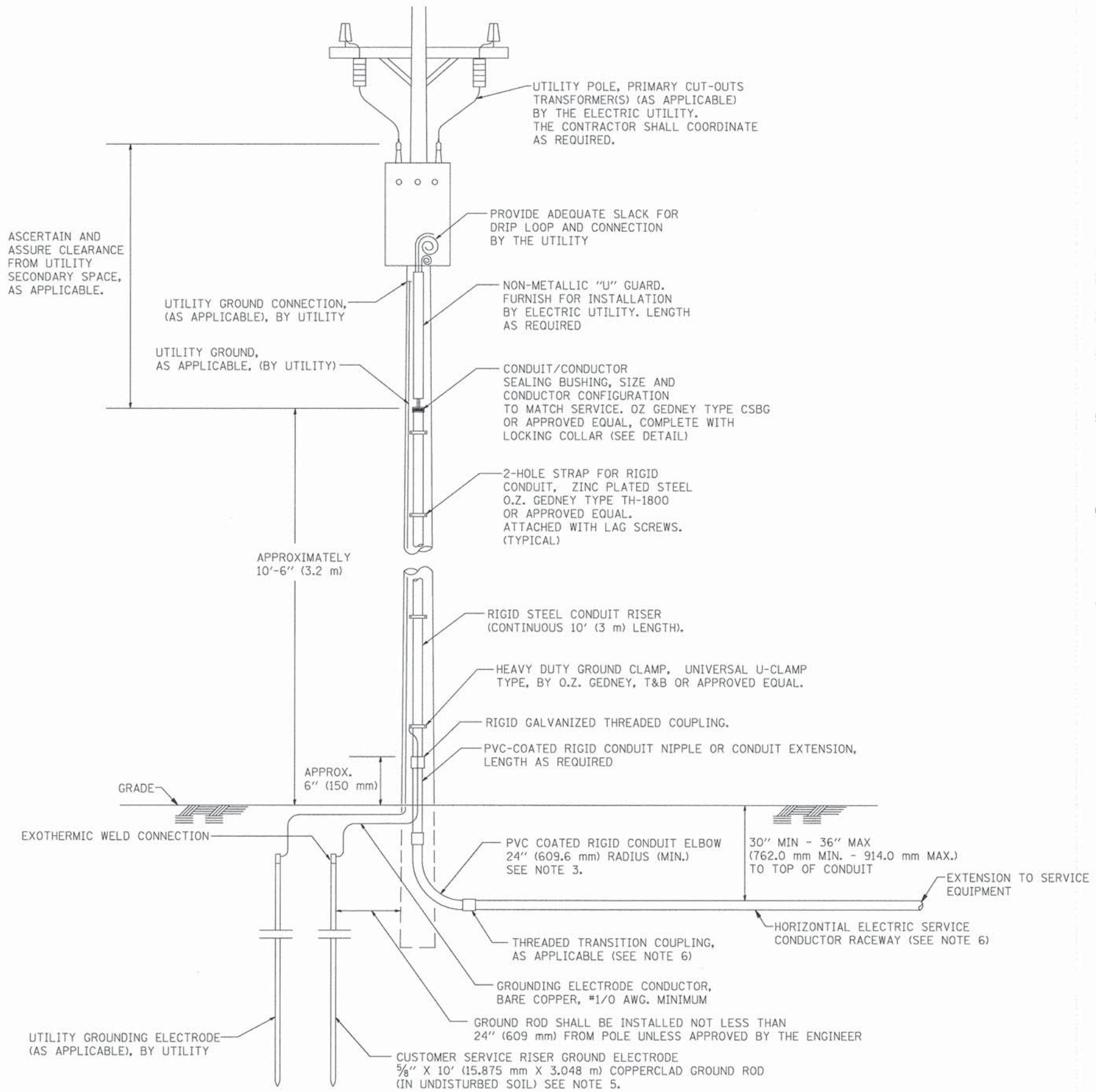
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
LIGHTING DETAILS

SCALE: SHEET NO. 24 OF 64 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	24
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)				



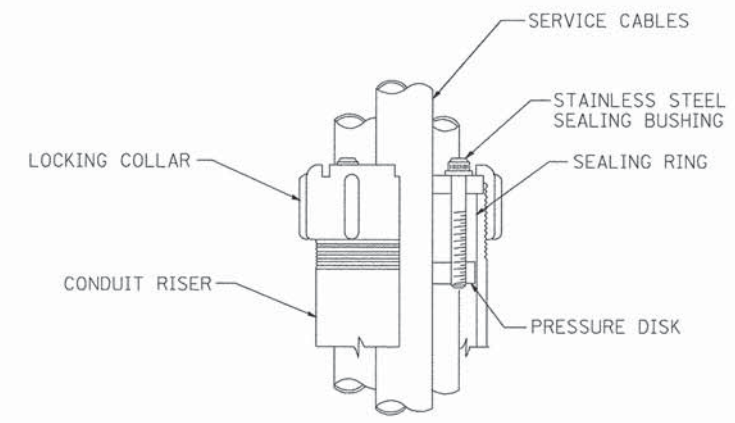


**APPLICATION**

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

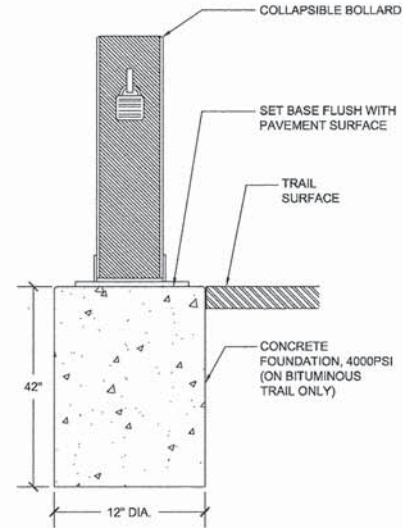
**NOTES**

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



**SEALING BUSHING DETAIL**

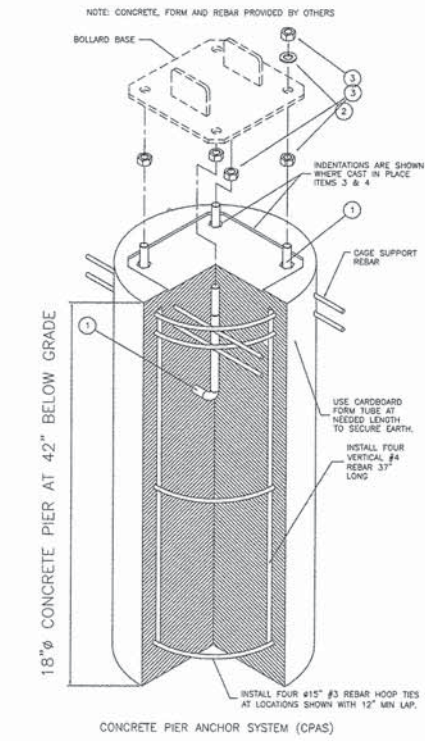
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		CHECKED - JMN	REVISED -		SCALE:      SHEET NO. 25 OF 64 SHEETS      STA.      TO STA.			01-00207-00-BT	COOK	64	25	
	PLOT SCALE =	DRAWN - ACAD	REVISED -		FED. ROAD DIST. NO. 1      ILLINOIS      FED. AID PROJECT CMM-9003 (144)			CONTRACT NO. 61B14				
	PLOT DATE = 12-15-14	CHECKED - ACAD	REVISED -									



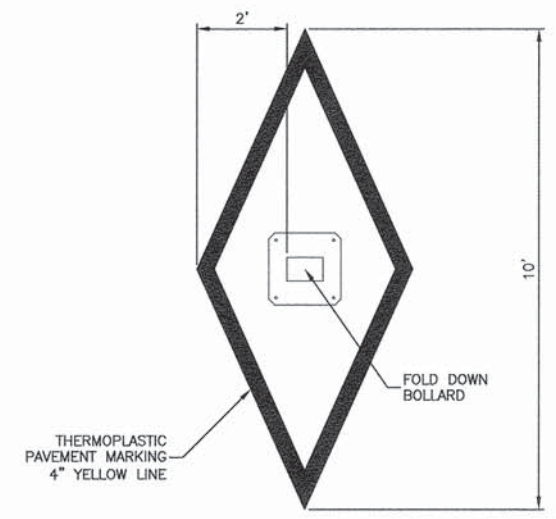
- NOTES:
1. COLLAPSIBLE BOLLARD SHALL BE DOUBLE POST MODEL WITH DOUBLE LOCKS AND OPTIONAL PIN.
  2. INSTALL SO THAT BOLLARD LIES FLAT ON PAVEMENT WHEN UNLOCKED. OPEN BOLLARD TO BE FLUSH WITH PAVEMENT AND PARALLEL TO EDGES OF TRAIL.

FOLD DOWN BOLLARD

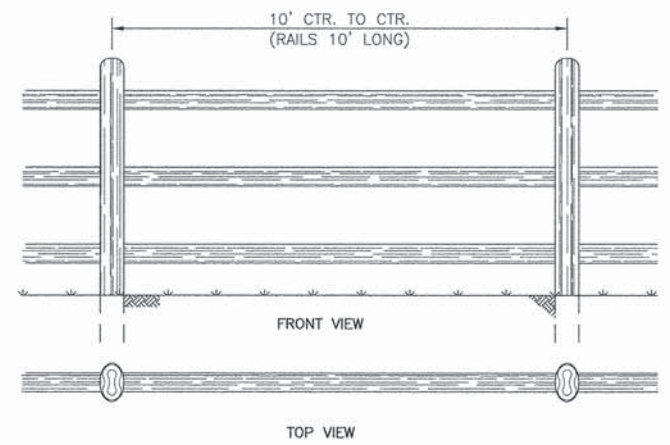
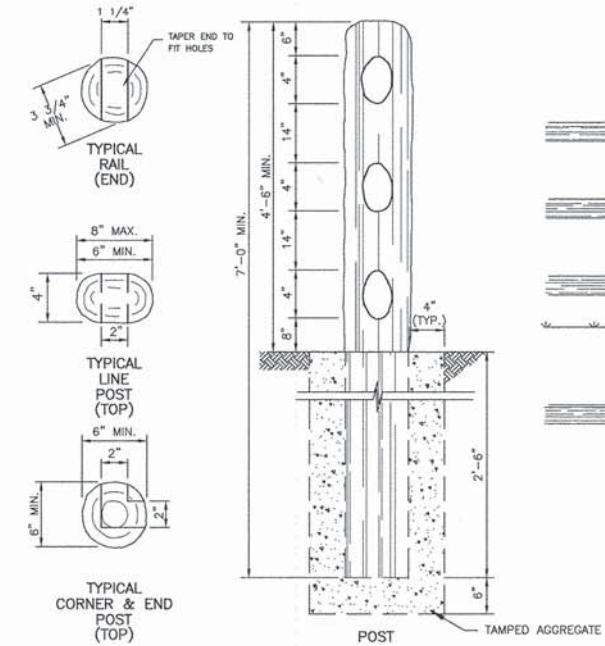
ITEM PART #	DESCRIPTION	QTY.
* 9001	CPAS KIT - INCLUDES THE FOLLOWING PART NUMBERS	4
1 0002	3/4" x 12" TYPE L ANCHOR BOLT-H.D.S.	4
2 0007	3/4" TYPE A FLAT WASHW WASHER GALVANIZED STEEL	4
3 0006	3/4" HEX NUT GALVANIZED STEEL	8



FOUNDATION FOR FOLD DOWN BOLLARD



TYPICAL PAVEMENT MARKINGS AT BOLLARD LOCATION



- NOTES:
1. ALL FASTENERS USED TO CONNECT WOOD SHALL BE TYPE 304 OR 316 STAINLESS STEEL DECK TYPE SCREWS.
  2. SPLIT RAIL FENCE SHALL BE LOCATED AT THE EDGE OF THE CLEAR AREA, TOP-OF-SLOPE OR AT LOCATIONS SHOWN ON THE PLANS AND CROSS SECTIONS.

SPLIT RAIL FENCE

FILE NAME = 05162\_02-DTLS-01 - IDOT P01

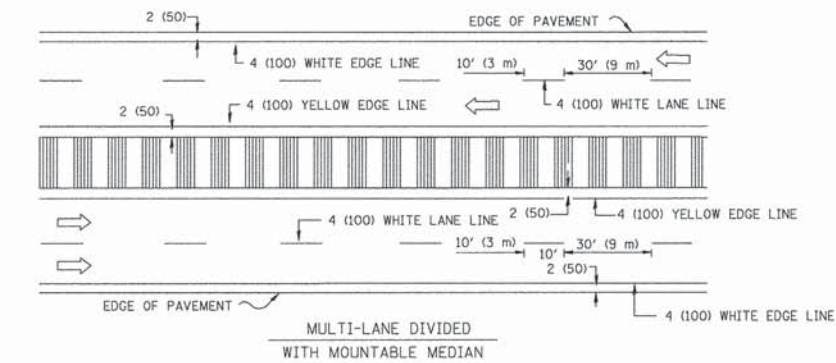
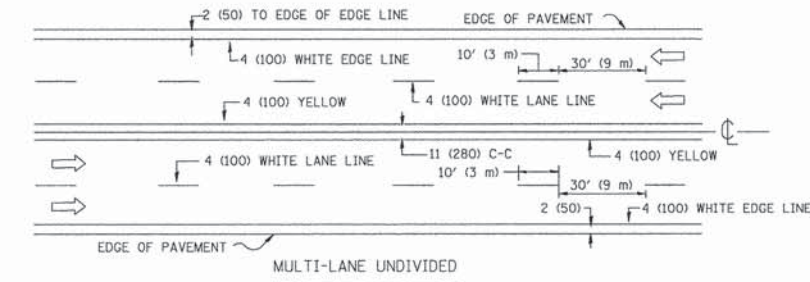
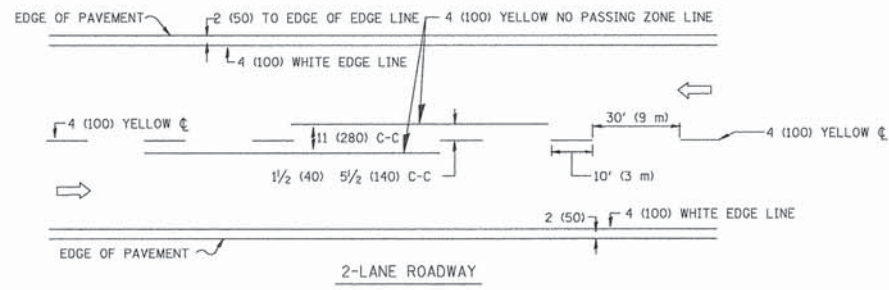
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	CHECKED -- JMN	REVISION --
PLOT SCALE =	DRAWN -- RG	REVISION --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISION --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CONSTRUCTION DETAILS

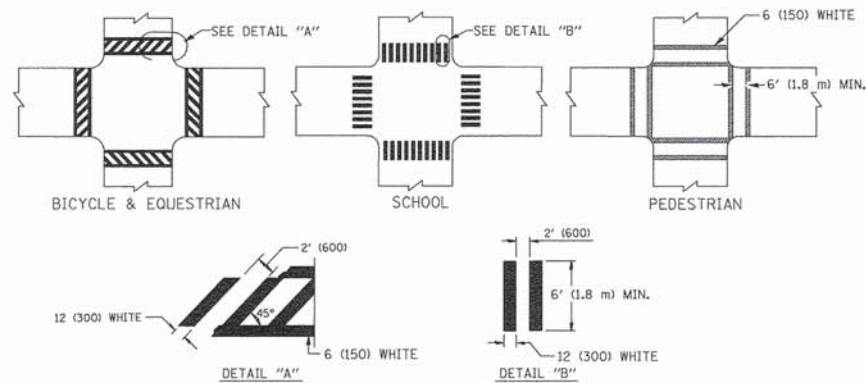
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	26
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	

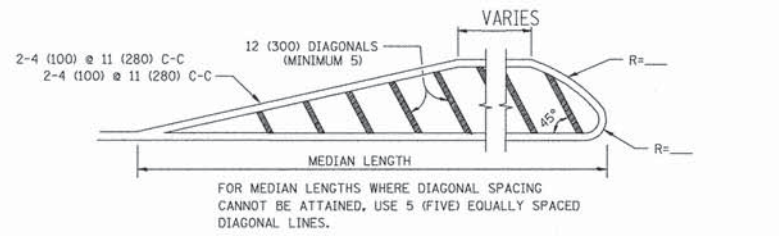
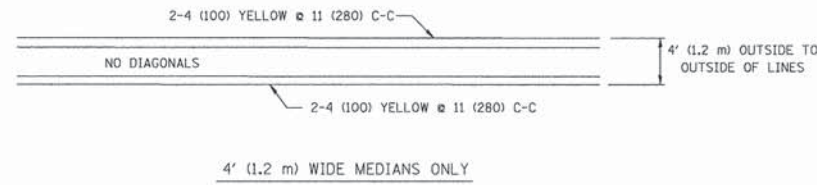


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

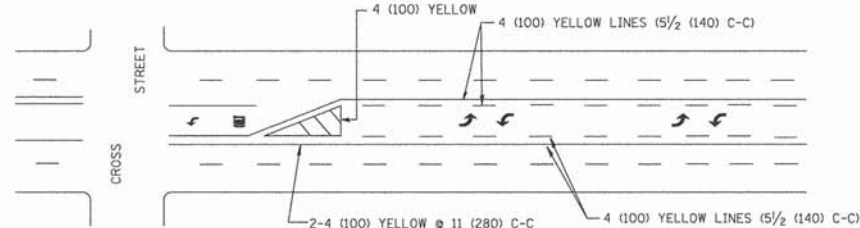


TYPICAL CROSSWALK MARKING

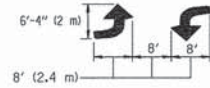


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

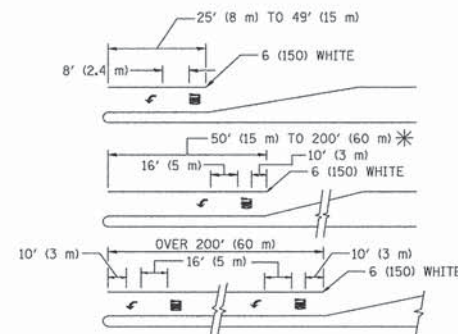


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

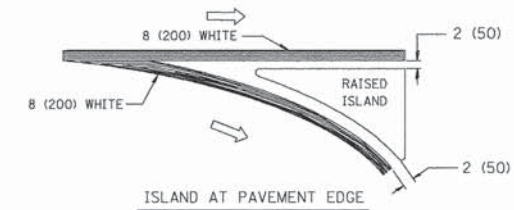
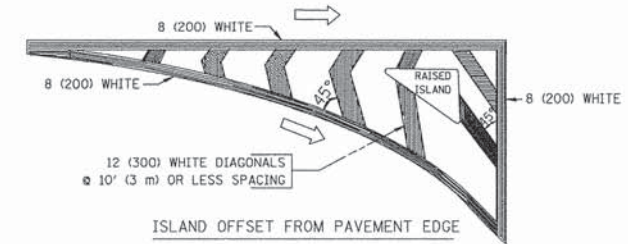
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

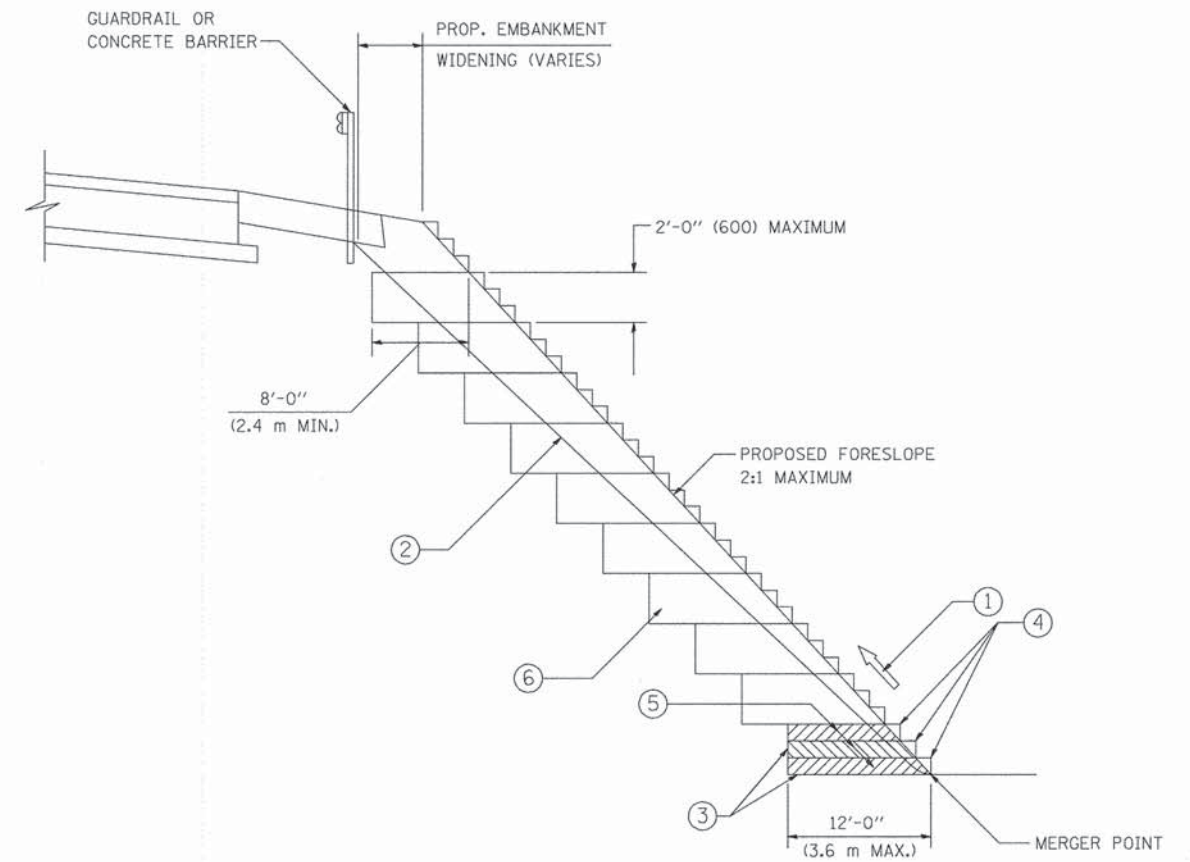


TYPICAL ISLAND MARKING

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

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

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



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 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 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", THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

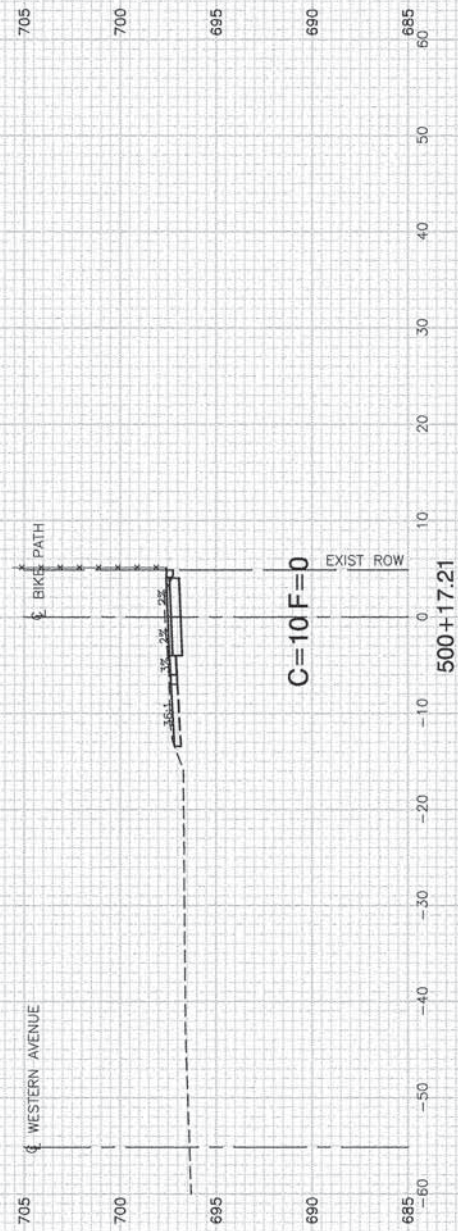
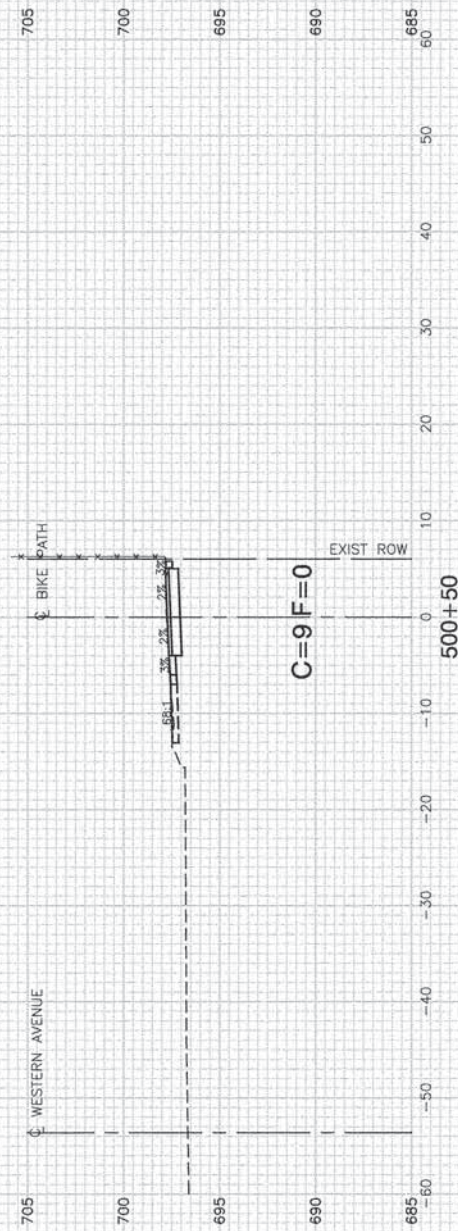
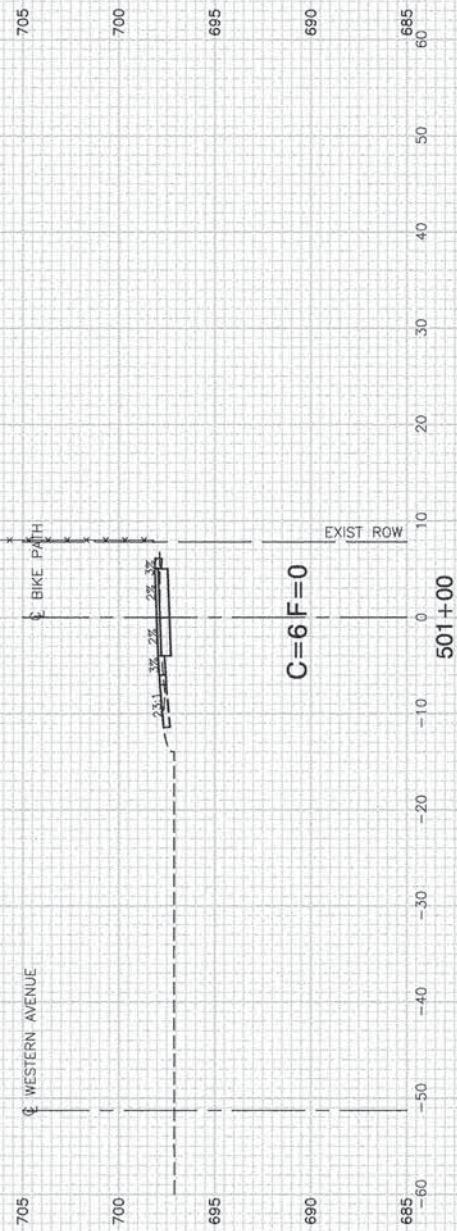
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 1/4/2008	CHECKED -- S.E.B.	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			
SCALE: NONE	SHEET NO. 28 OF 64 SHEETS	STA. 500+00	TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	28
<b>BD-51</b>			CONTRACT NO. 61B14	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02.XSCT-01 - IDOT X(1)

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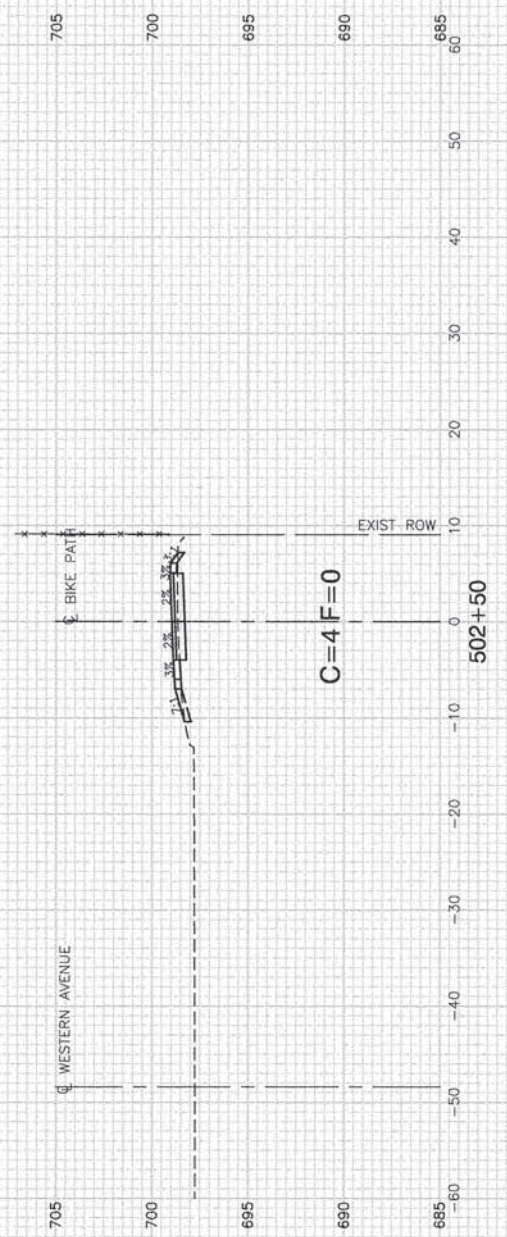
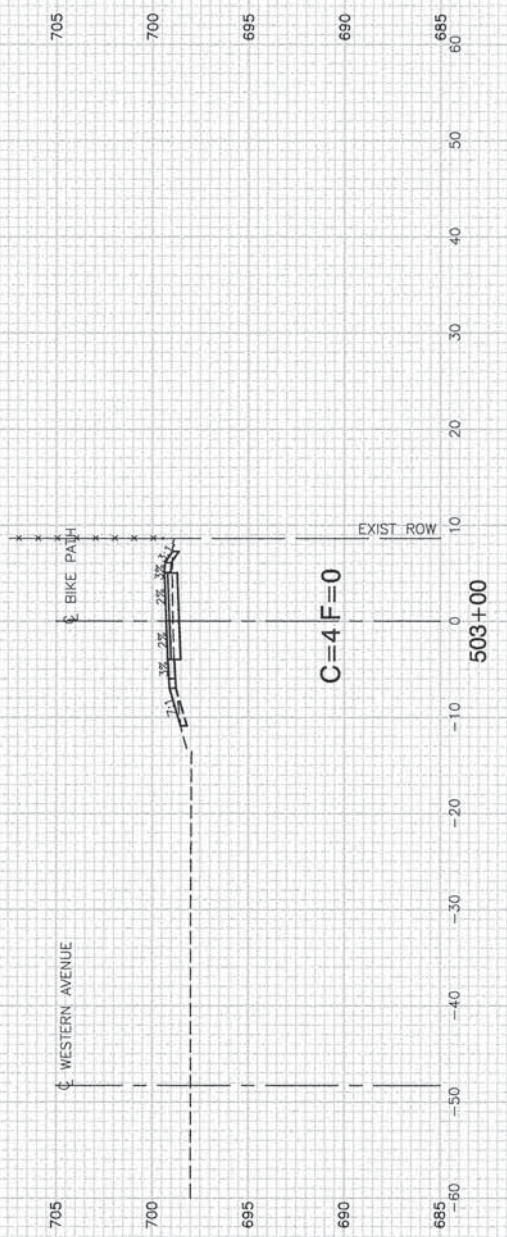
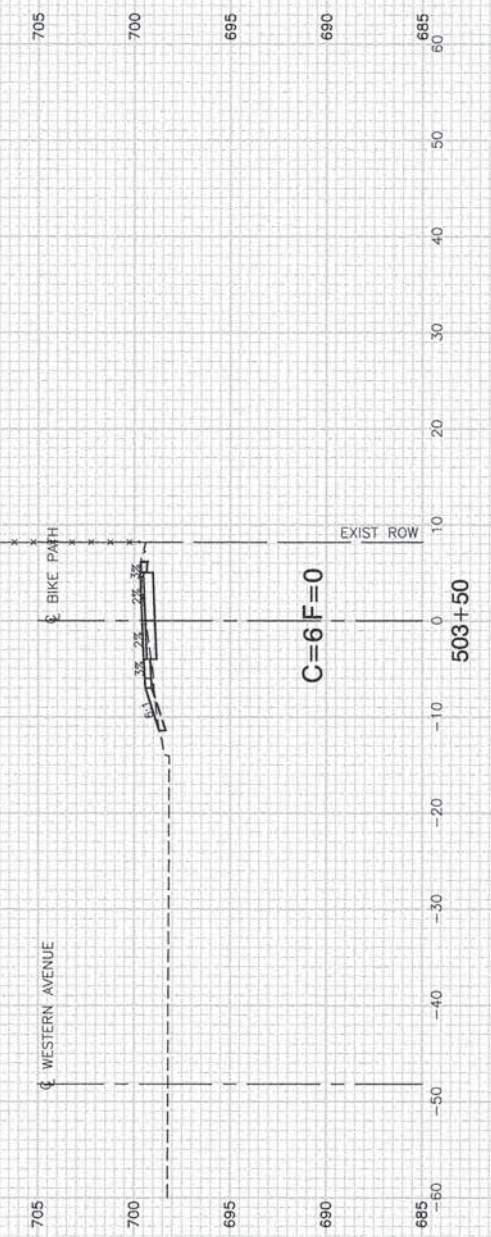
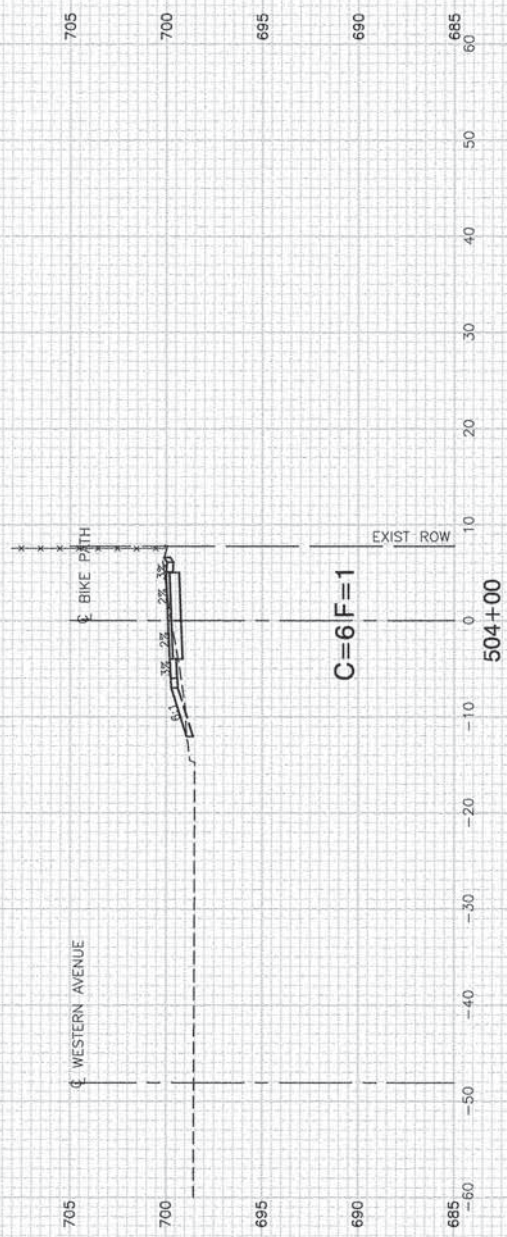
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 29 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	29
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT			CMM-8003 (144)	



FILE NAME = 05182\_02-XSCT-01 - IDOT X(2)

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 PLOT SCALE =  
 PLOT DATE = 12-15-14

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 CHECKED -- JMN  
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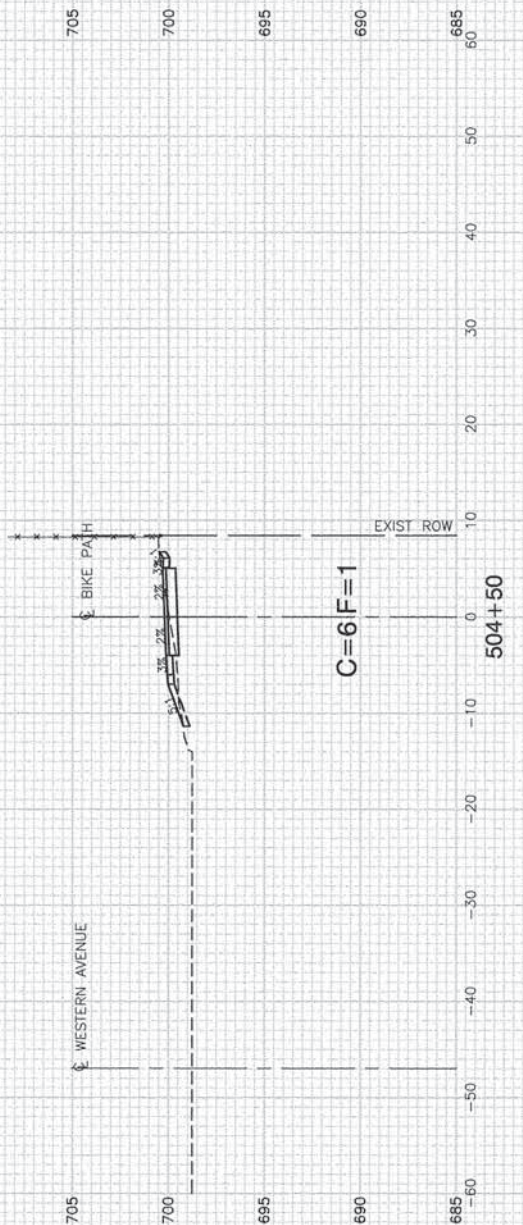
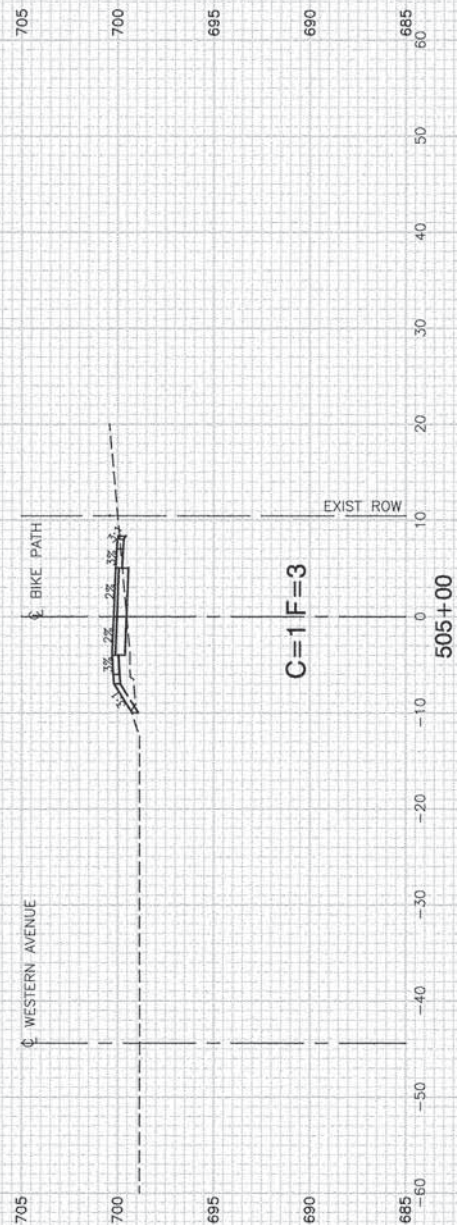
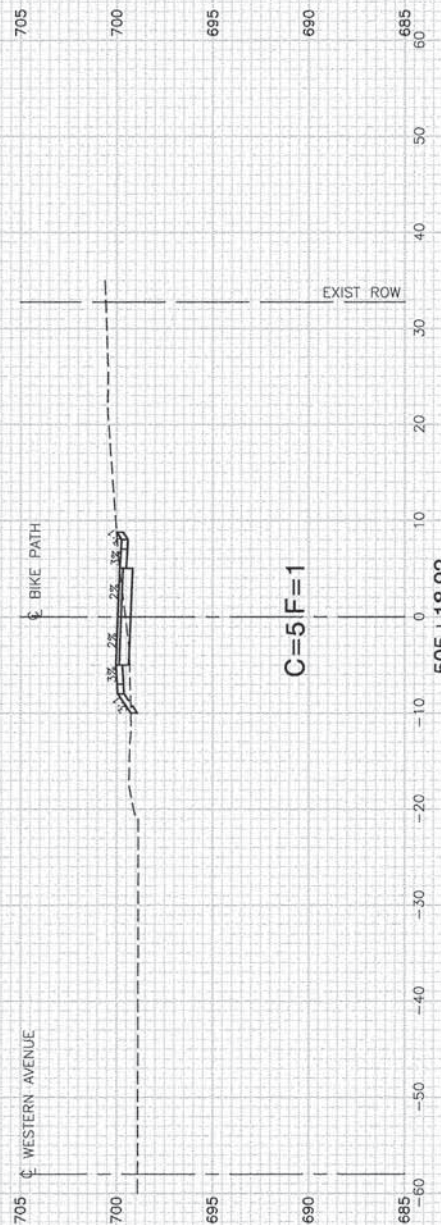
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'  
 SHEET NO. 30 OF 64 SHEETS  
 STA. 500+00 TO STA. 567+02.27

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	30
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CMM-8003 (144)		
		CONTRACT NO. 61B14		



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

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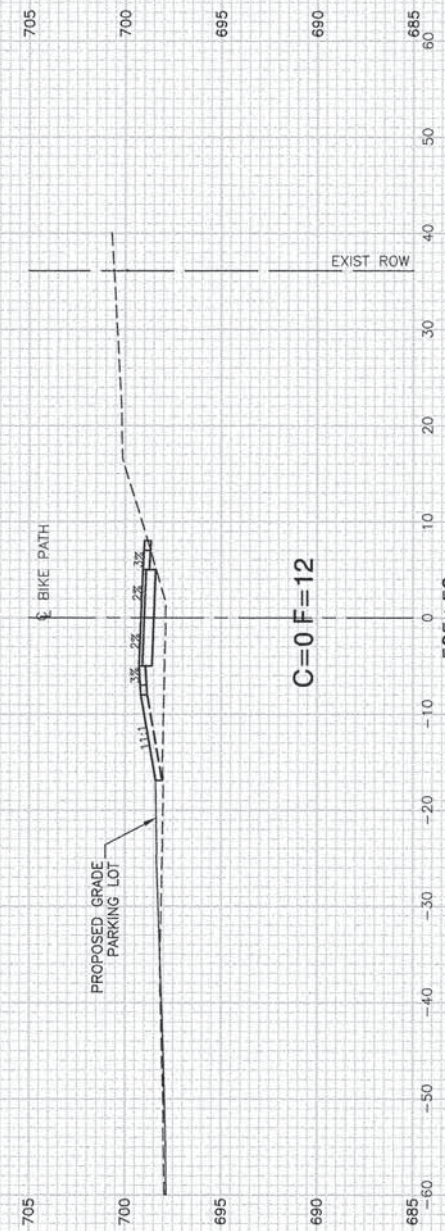
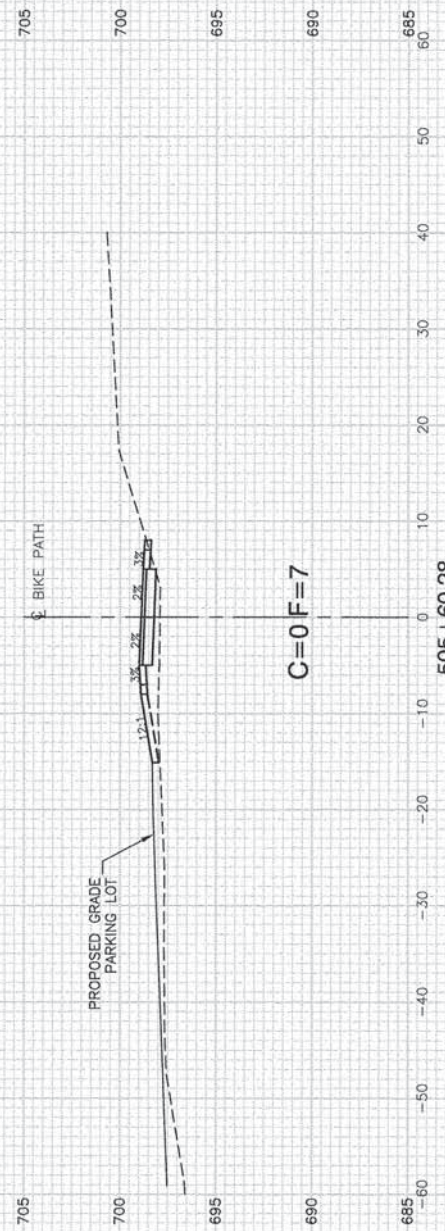
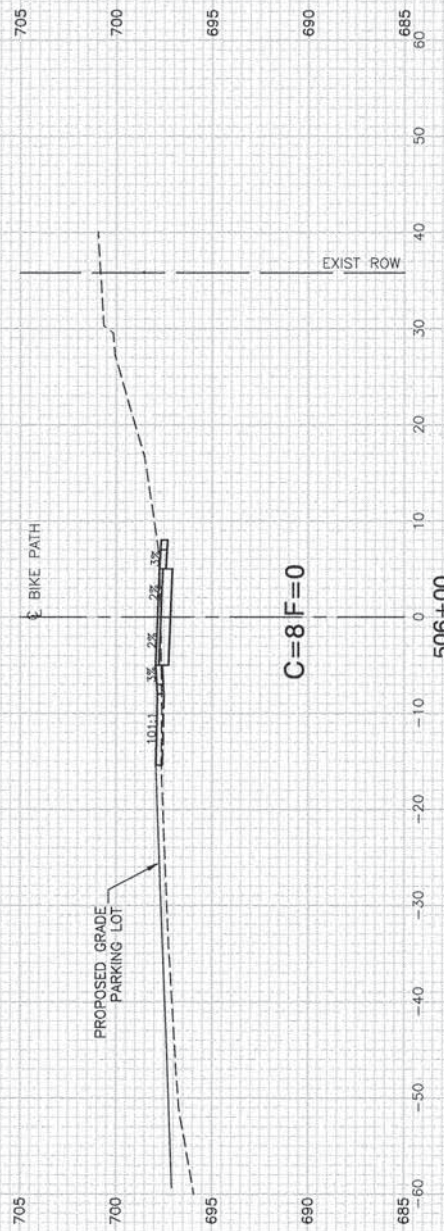
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CHECKED -- JMN  
DRAWN -- MED  
CHECKED -- AG

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REVISED --  
REVISED --

SCALE: H 1"=10' V 1"=5' SHEET NO. 31 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	31
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(4)

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 PLOT SCALE =  
 PLOT DATE = 12-15-14

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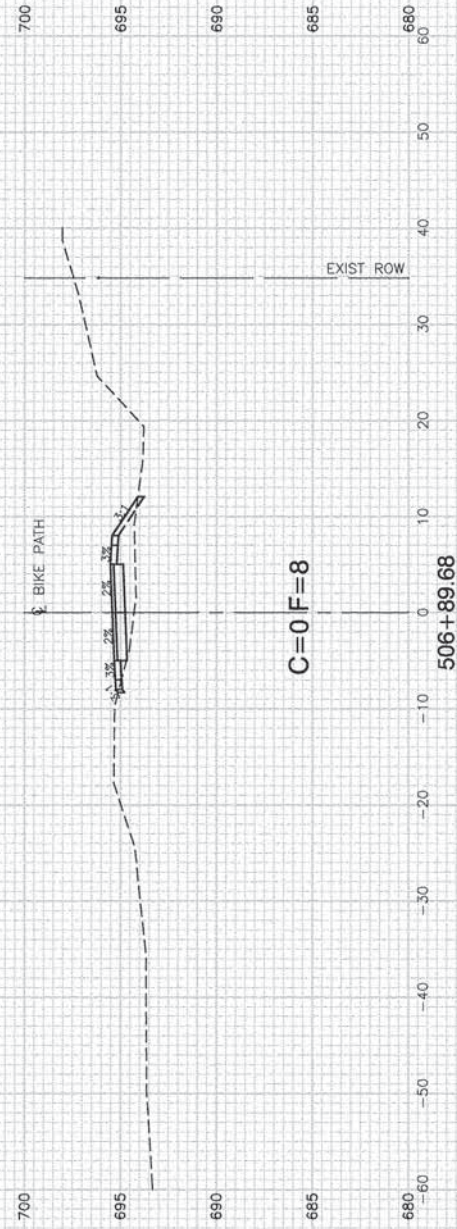
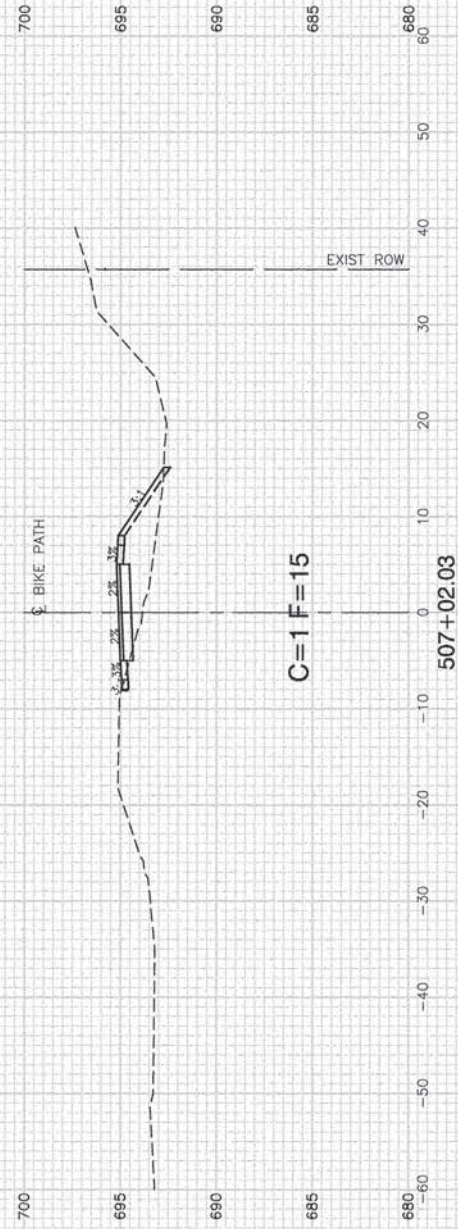
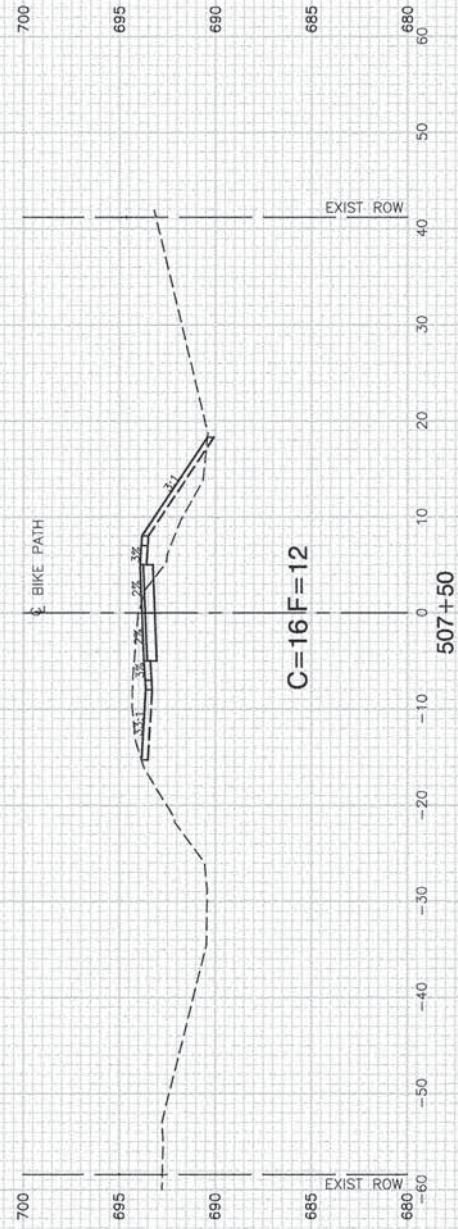
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 32 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	32
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	





FILE NAME = 05162\_02-XSCT-01 - IDOT X(8)

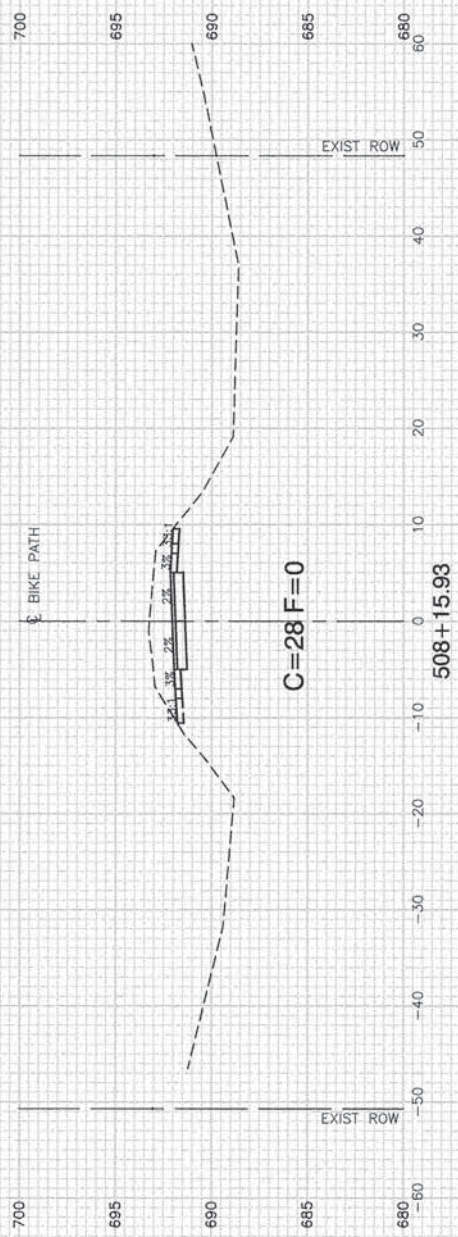
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 33 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	33
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



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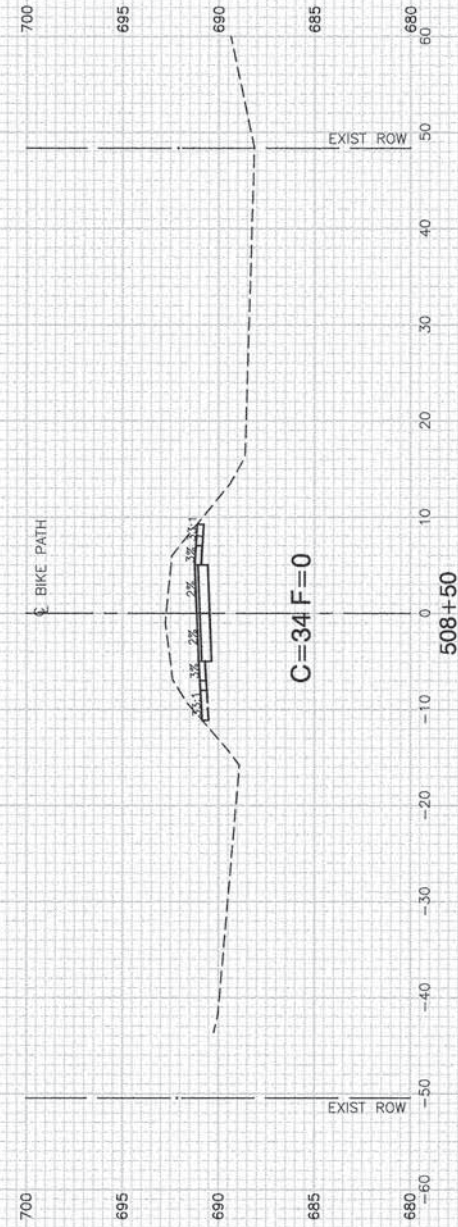
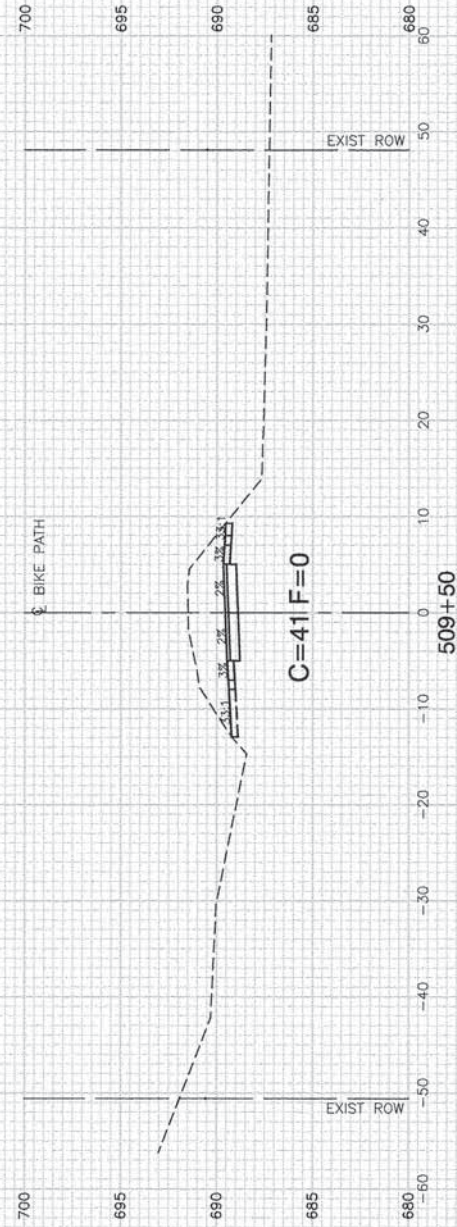
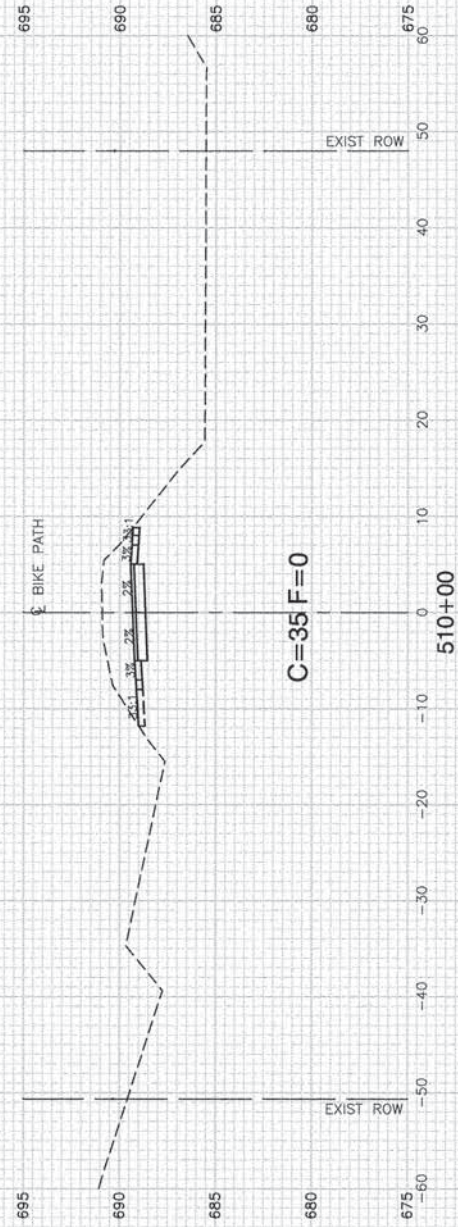
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 34 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	34
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CMM-8003 (144)		
		CONTRACT NO. 61B14		



FILE NAME = 05162\_02-XSCT-01 - IDOT X(7)

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 PLOT DATE = 12-15-14

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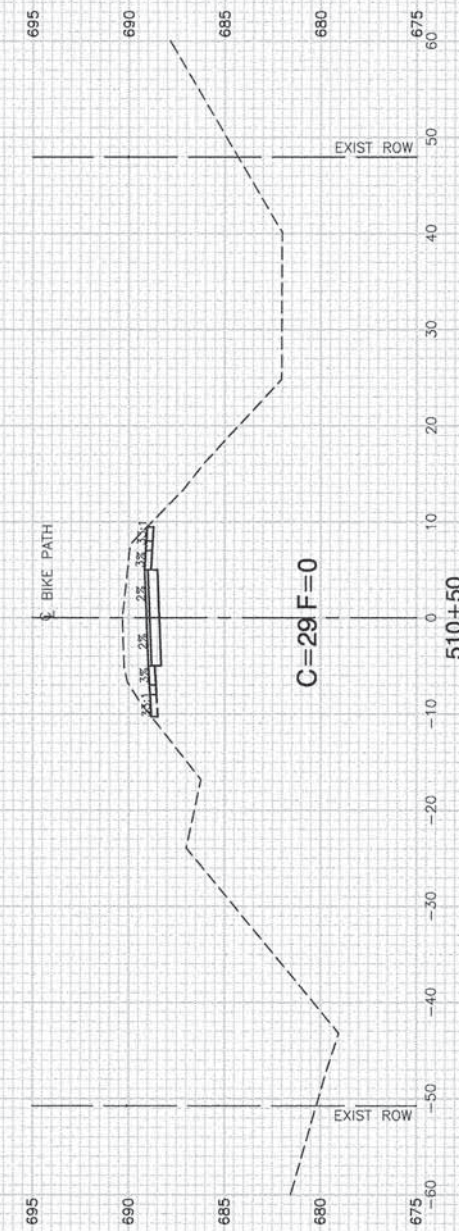
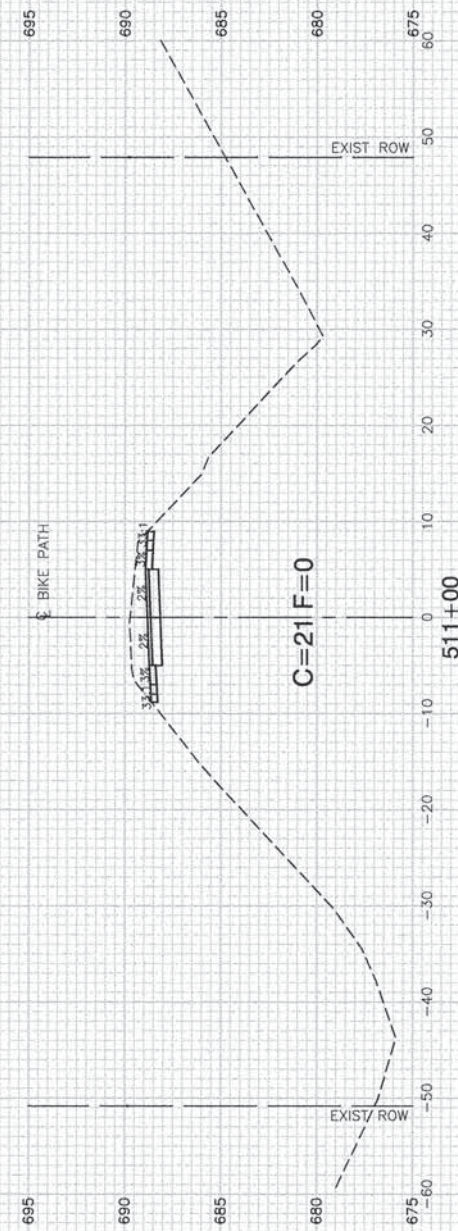
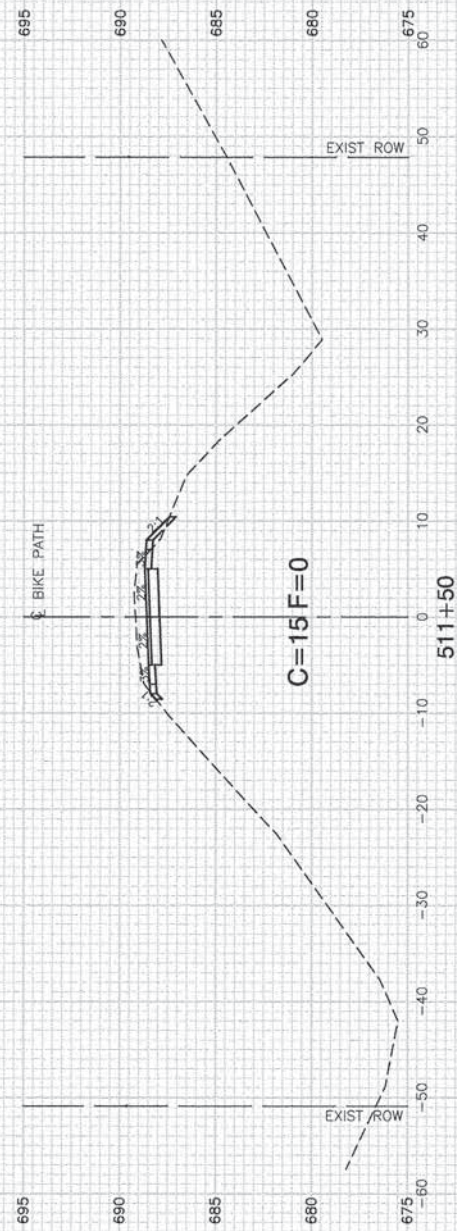
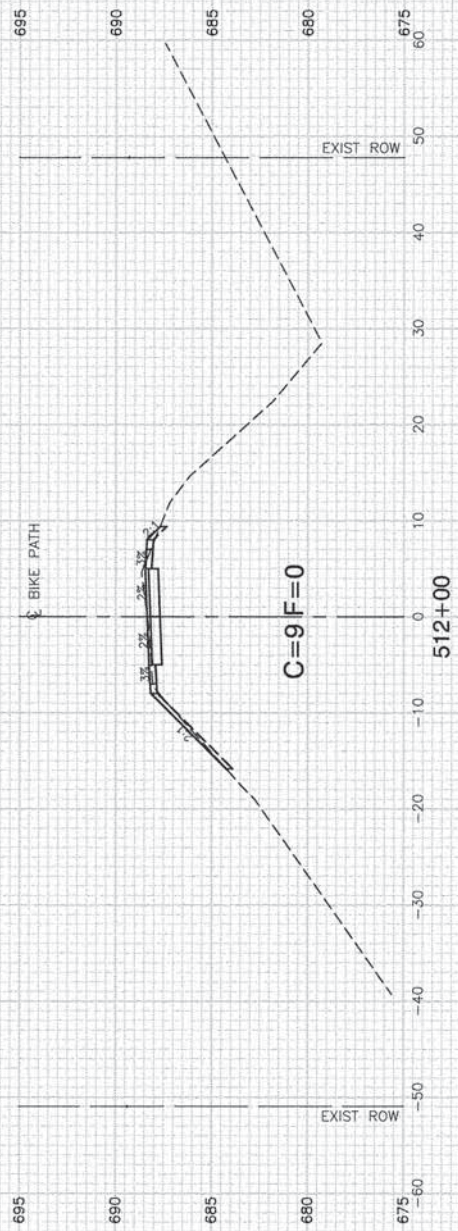
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 35 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(8)

USER NAME =  
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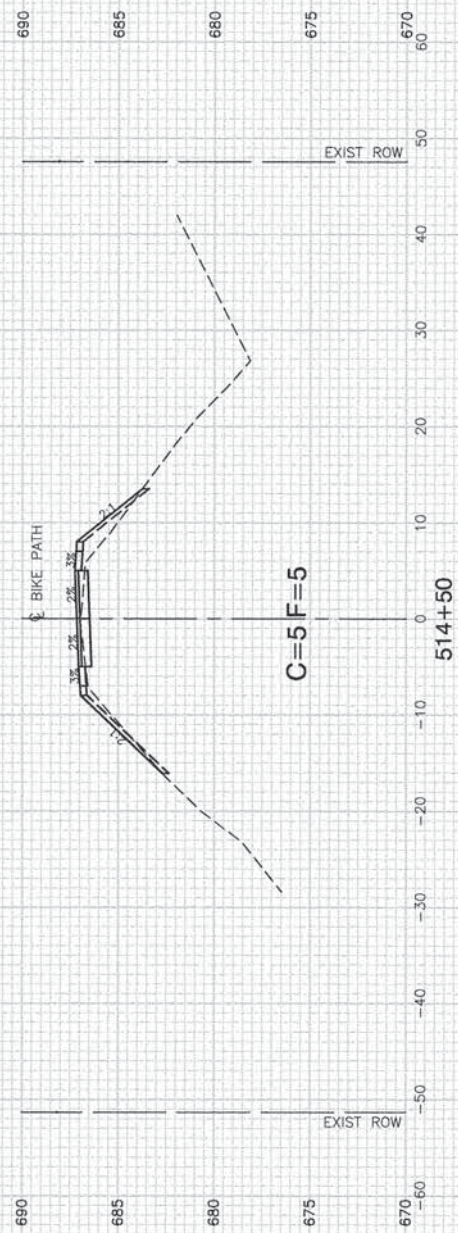
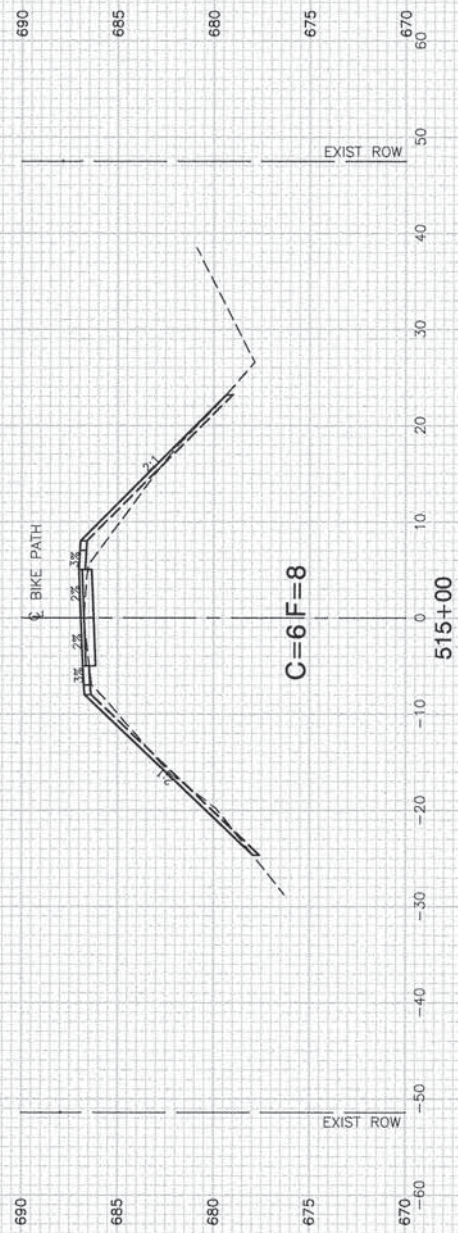
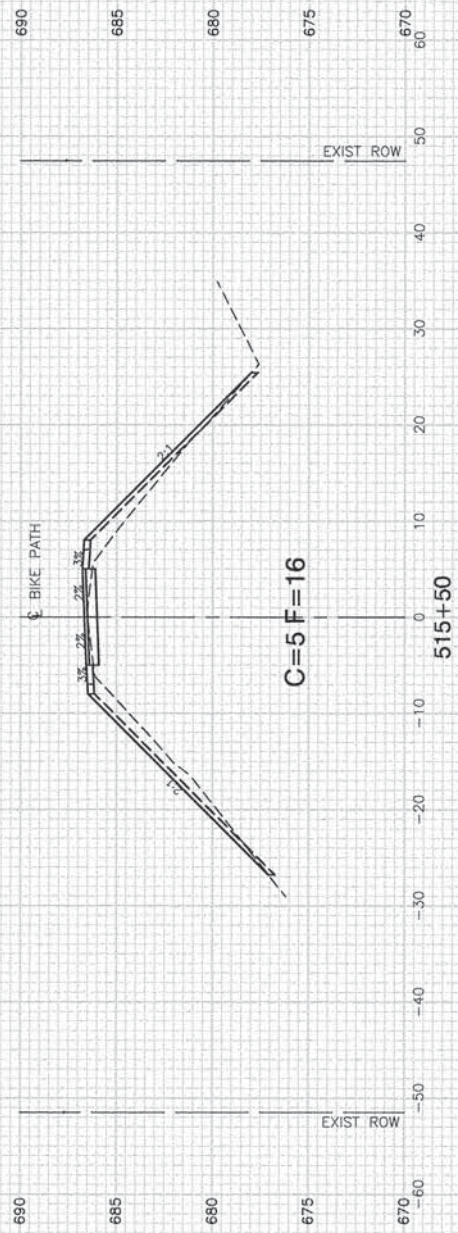
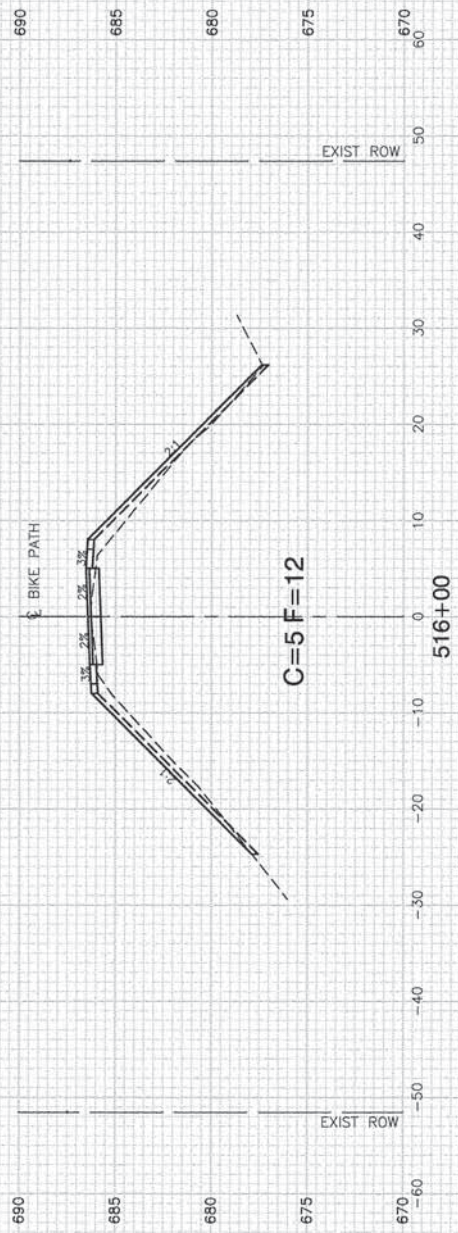
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 36 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	36
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	





FILE NAME = 05162\_02.XSCT-01 - IDOT X(10)

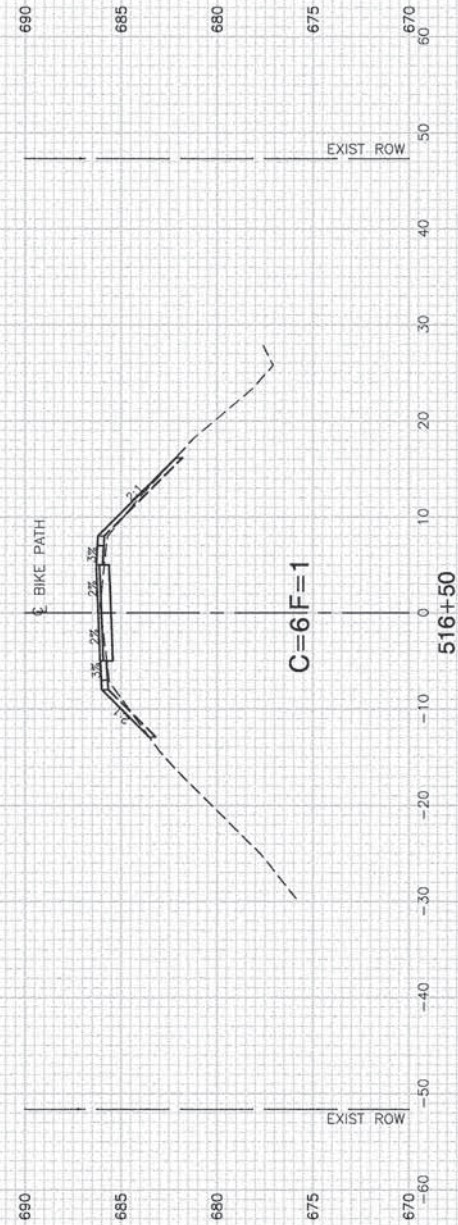
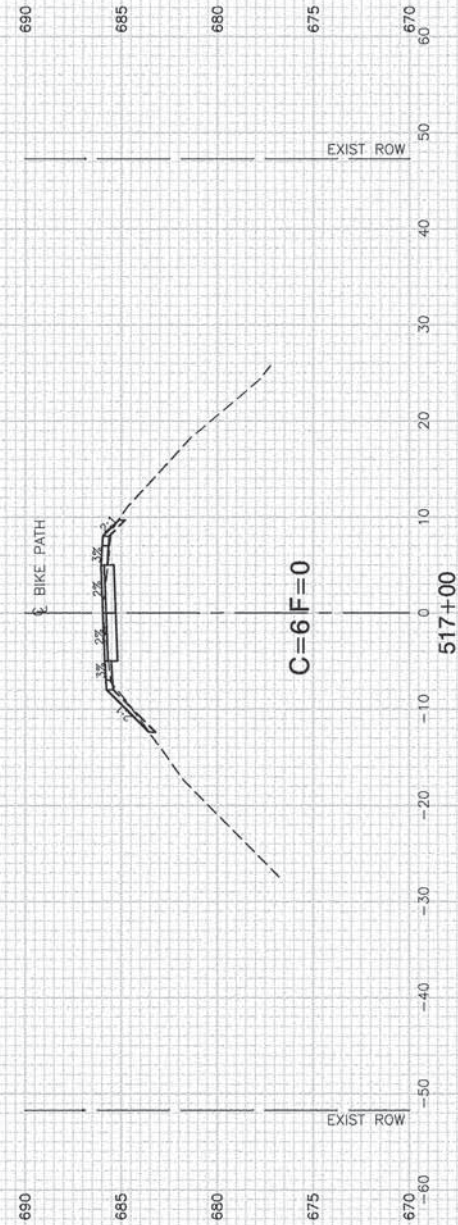
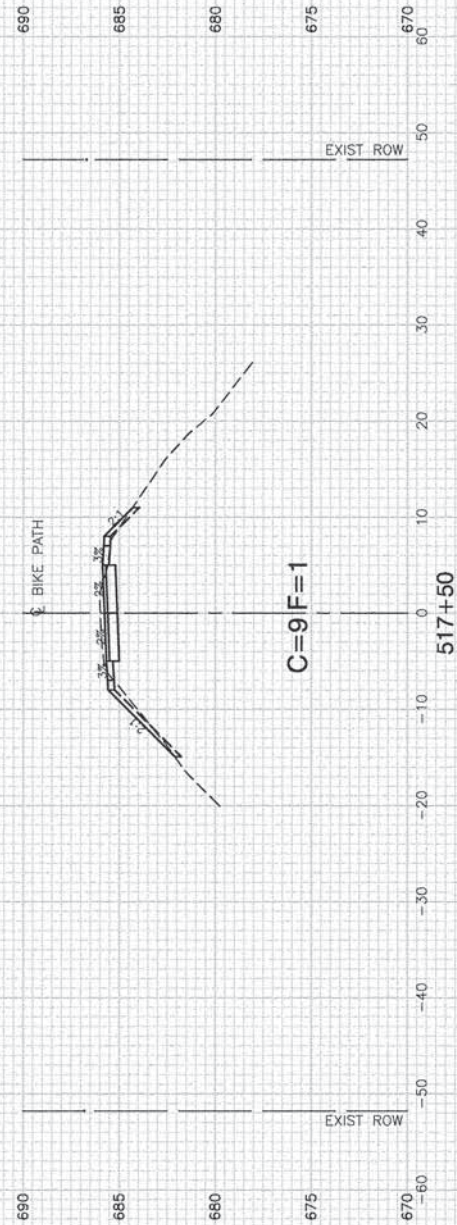
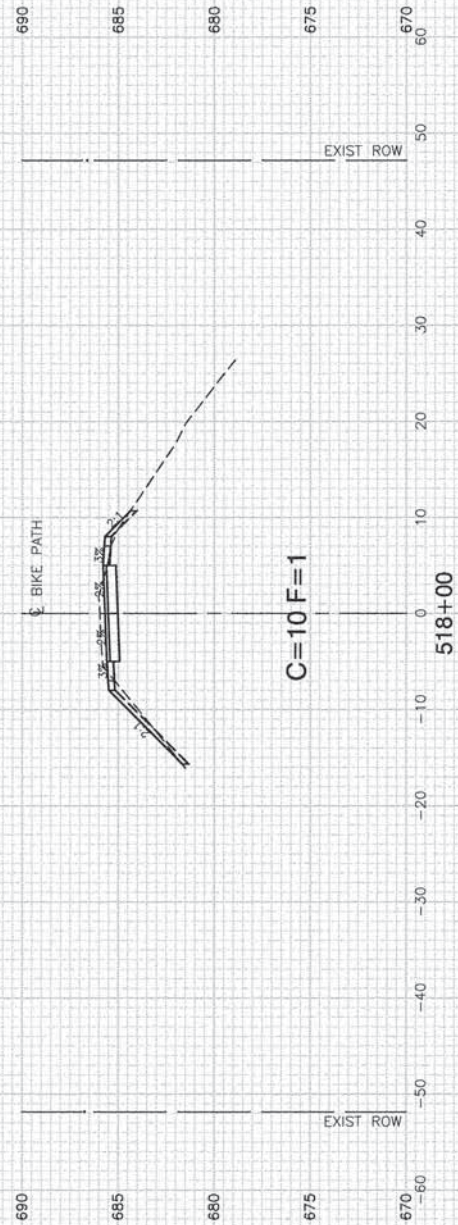
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 38 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	38
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CMM-8003 (144)		
		CONTRACT NO. 61B14		



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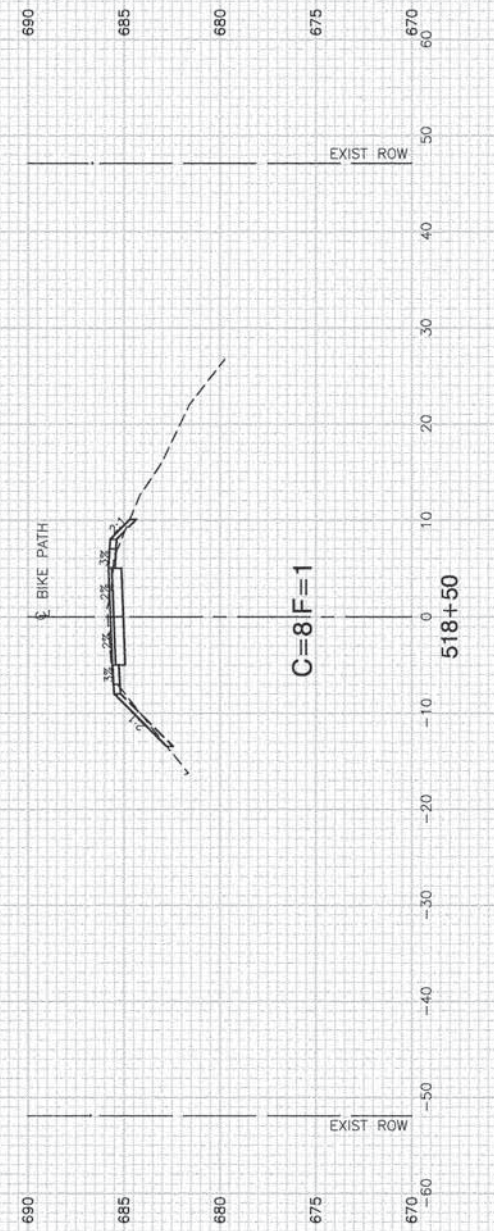
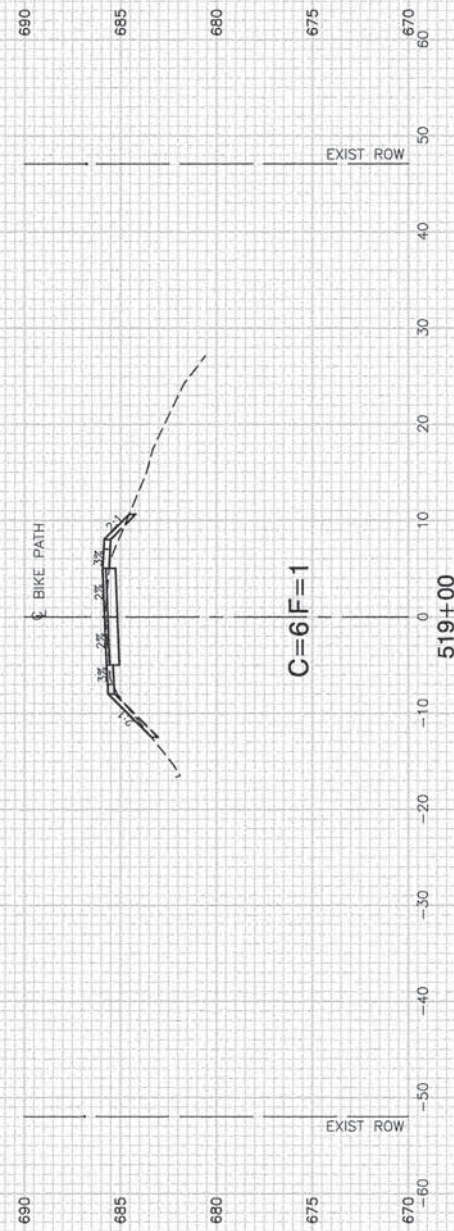
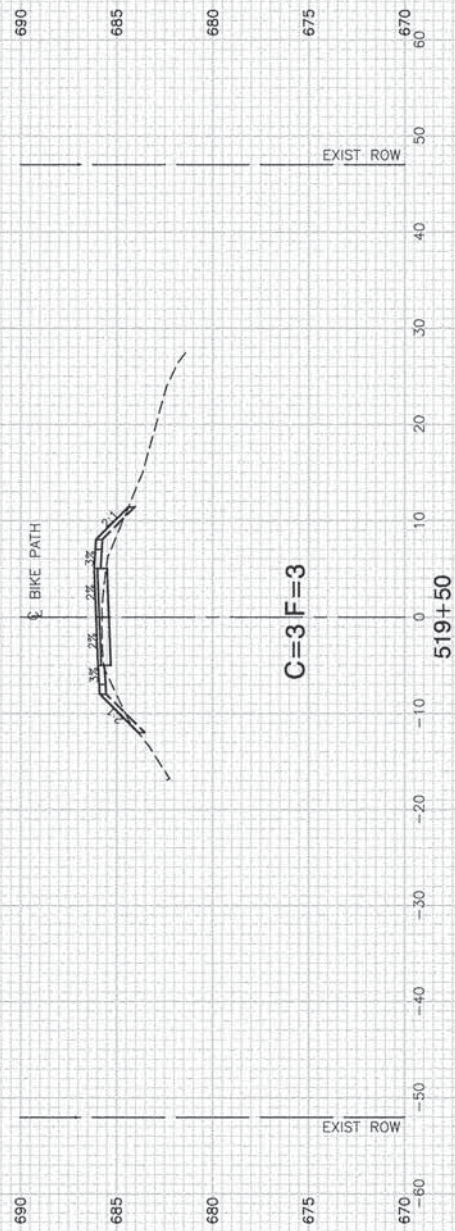
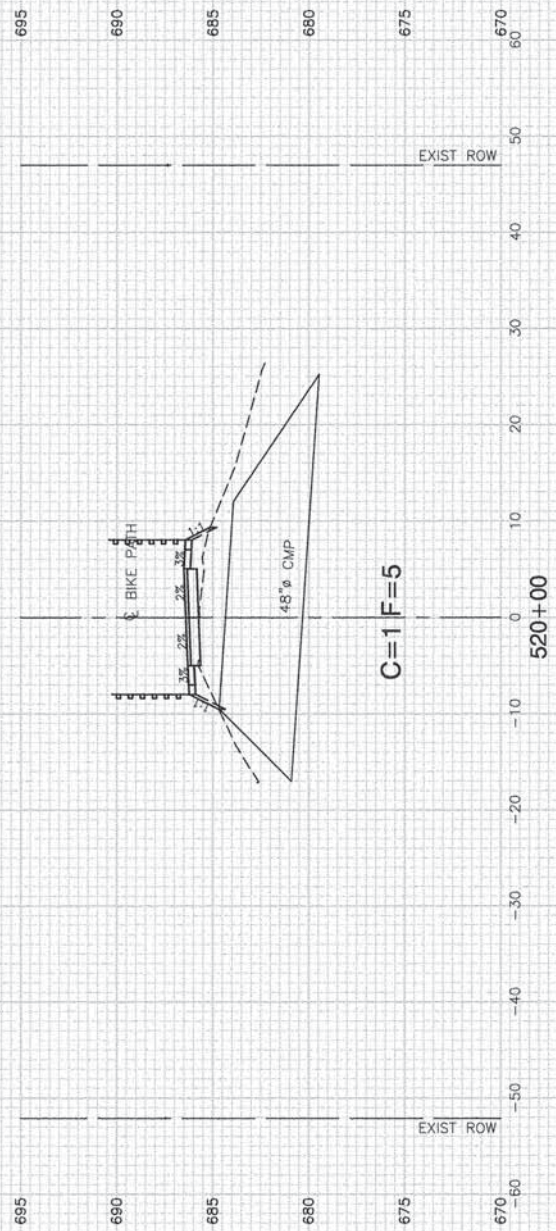
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 39 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	39
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)				



FILE NAME = 05162\_02-XSCT-01 - IDOT X(12)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

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 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

REVISED --  
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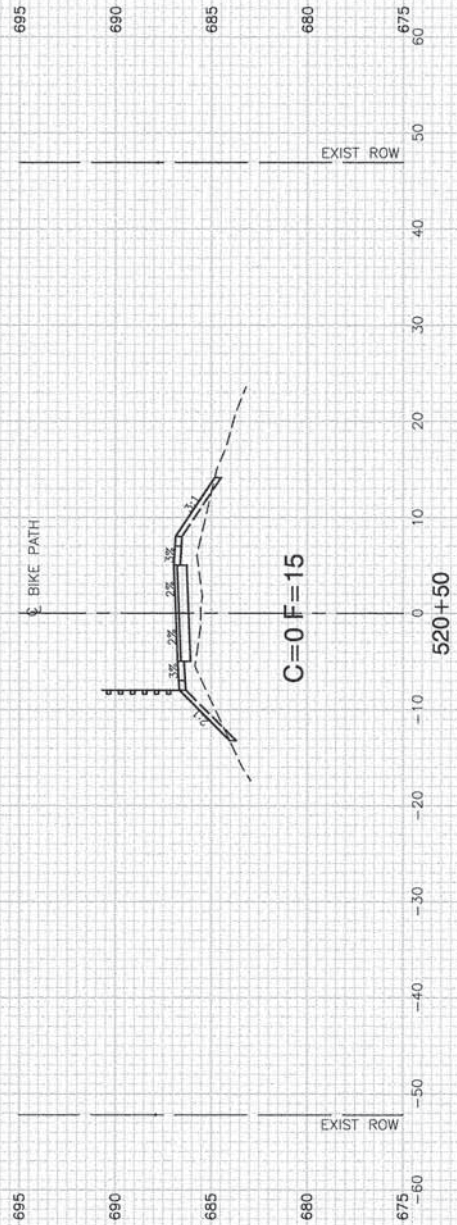
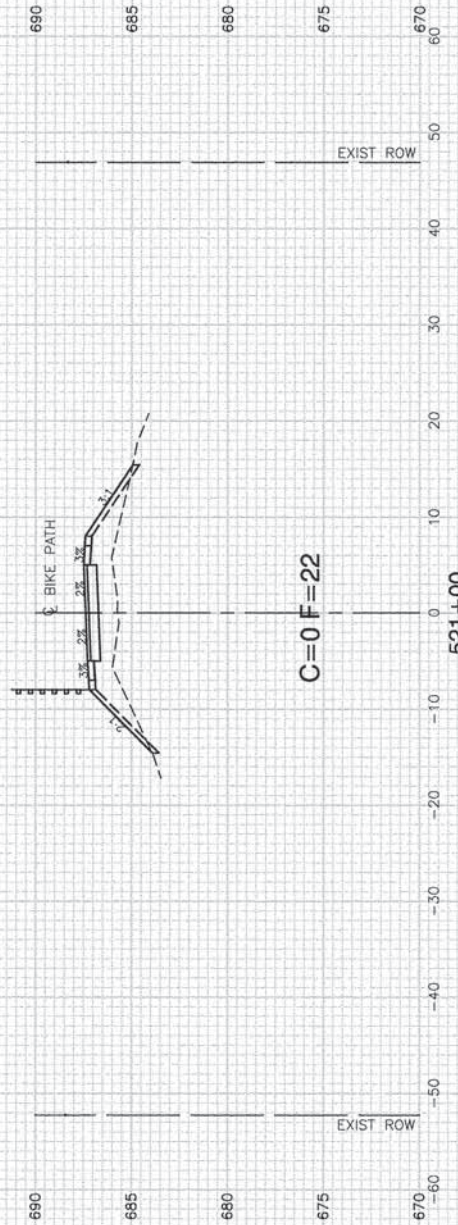
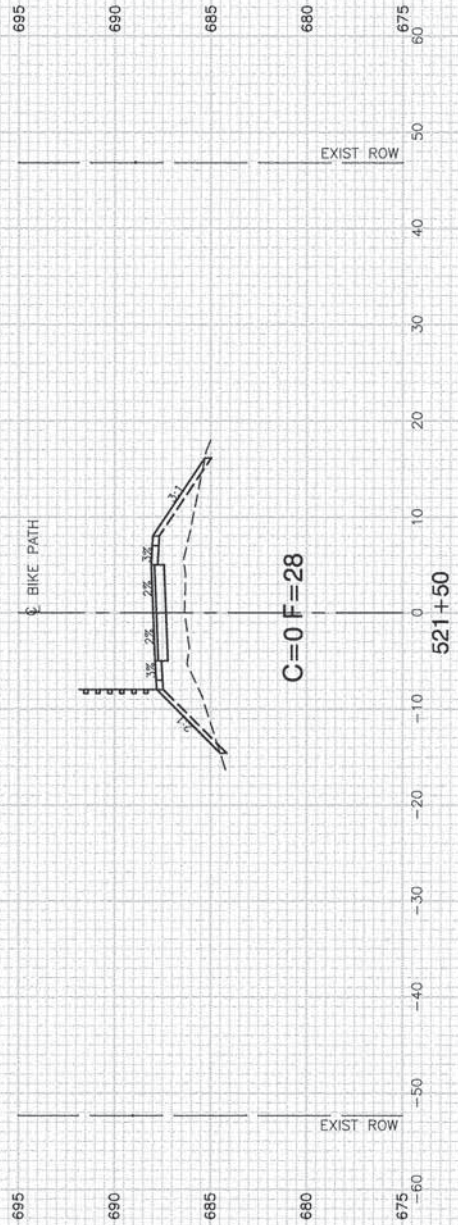
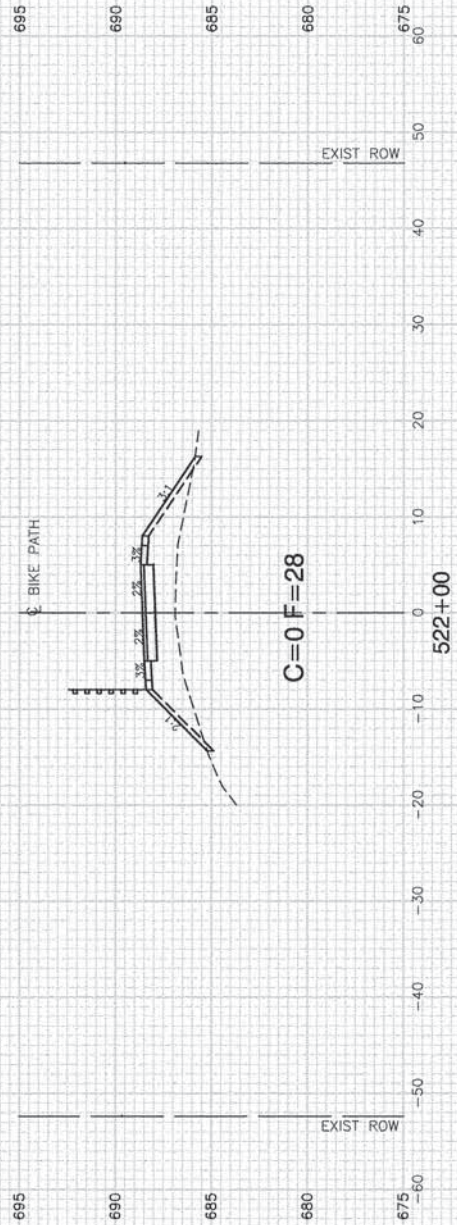
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 40 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	40
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	





FILE NAME = 05162\_02.XSCT-01 - IDOT.X(13)

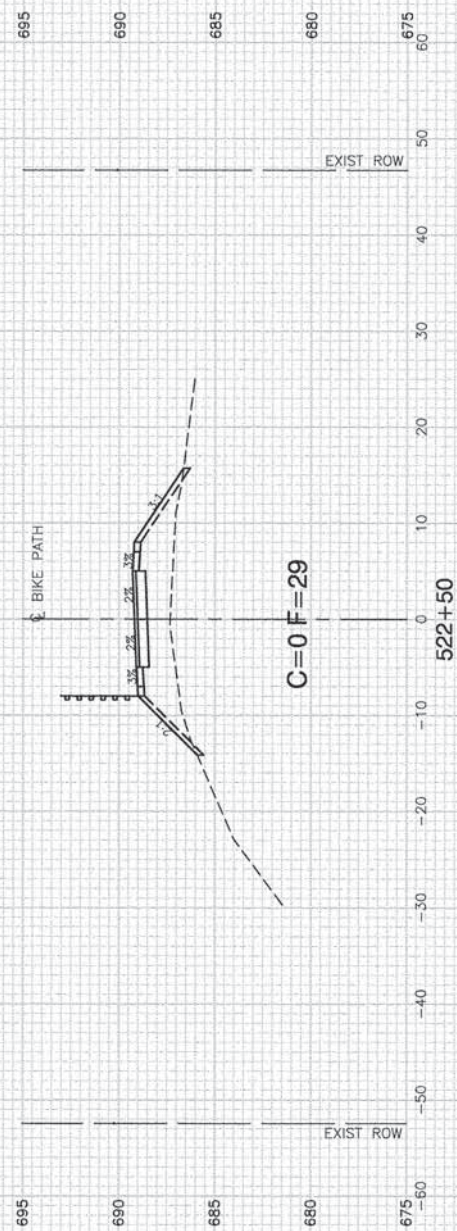
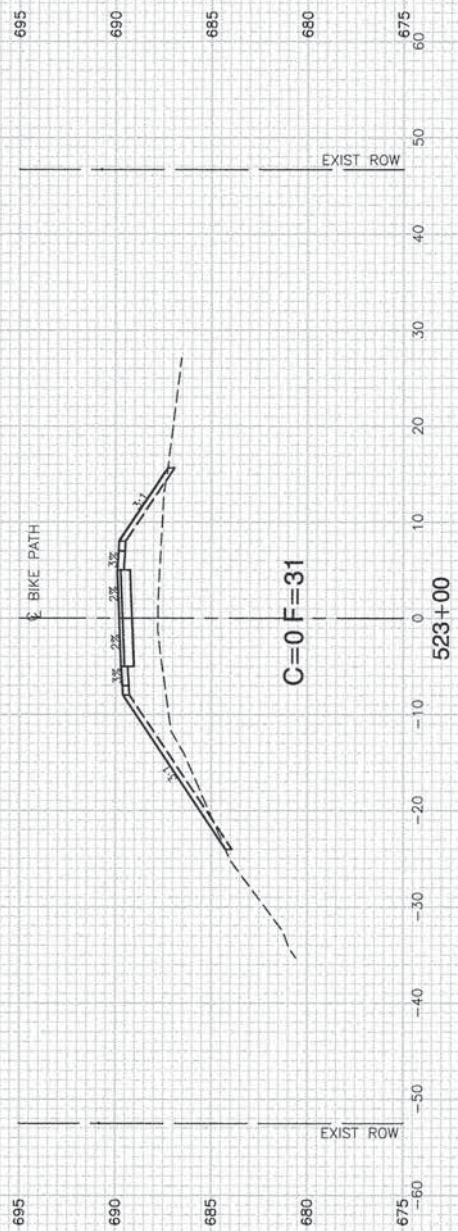
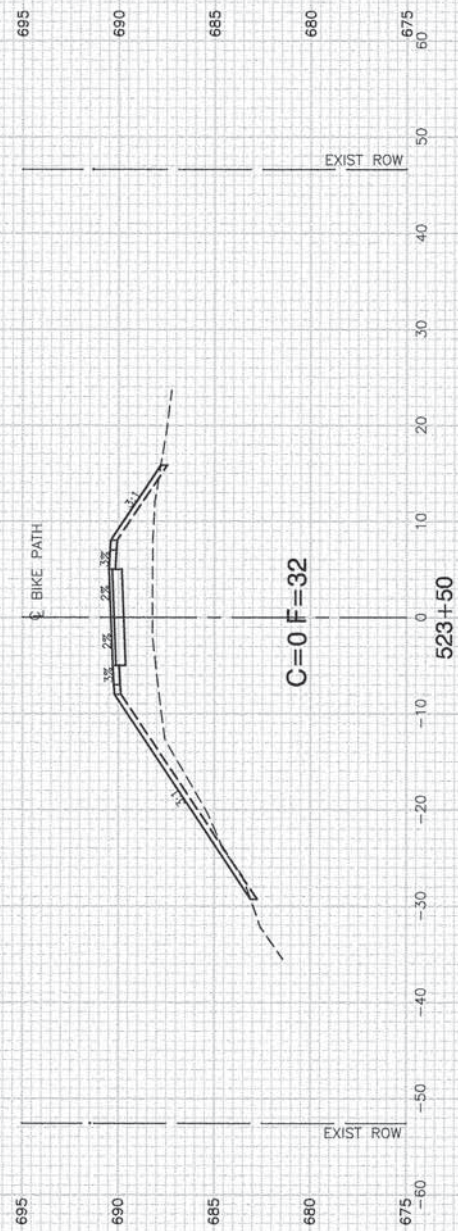
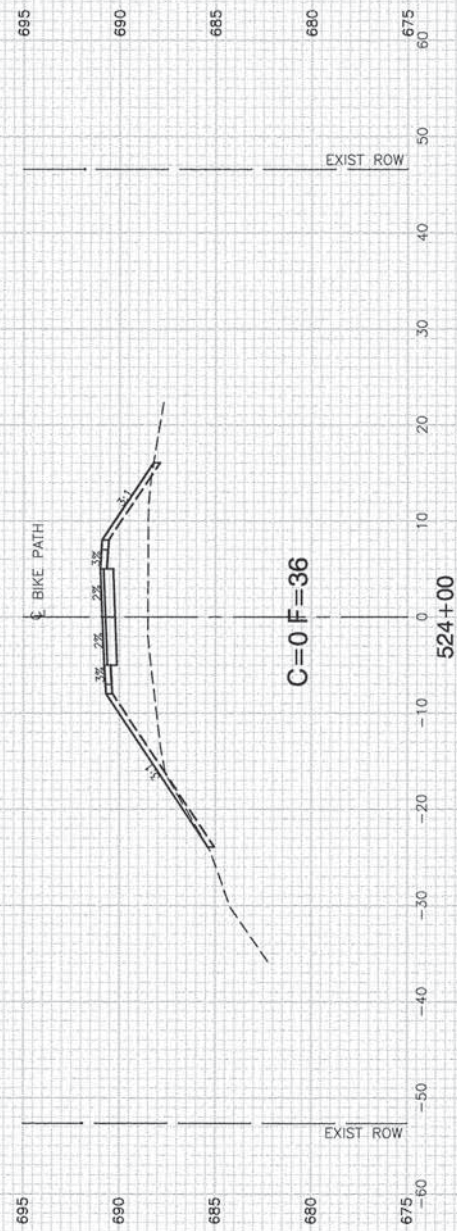
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PLOT SCALE =	CHECKED -- JMN	REVISED --
PLOT DATE = 12-15-14	DRAWN -- MED	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 41 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00207-00-BT	COOK	64	41	
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(14)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

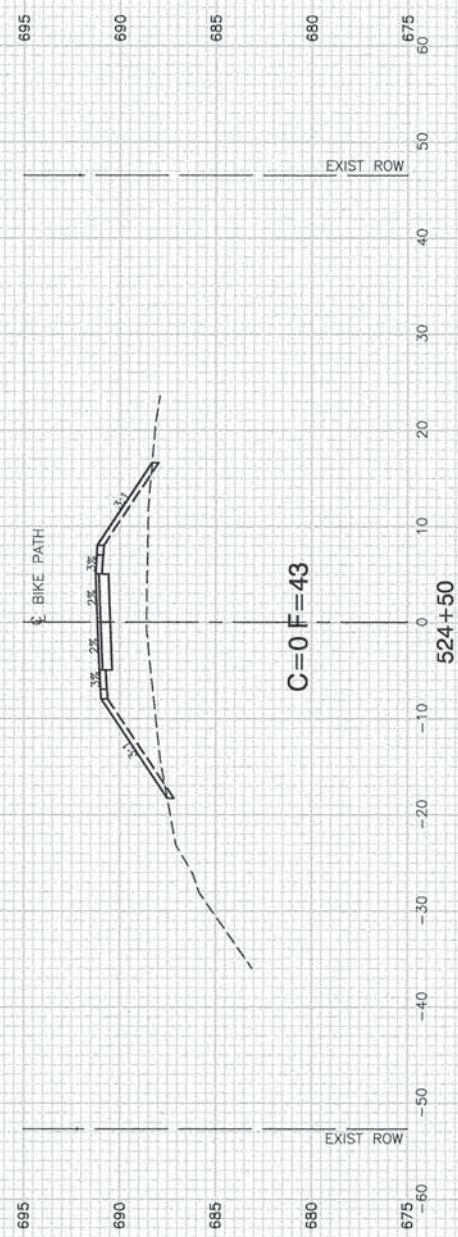
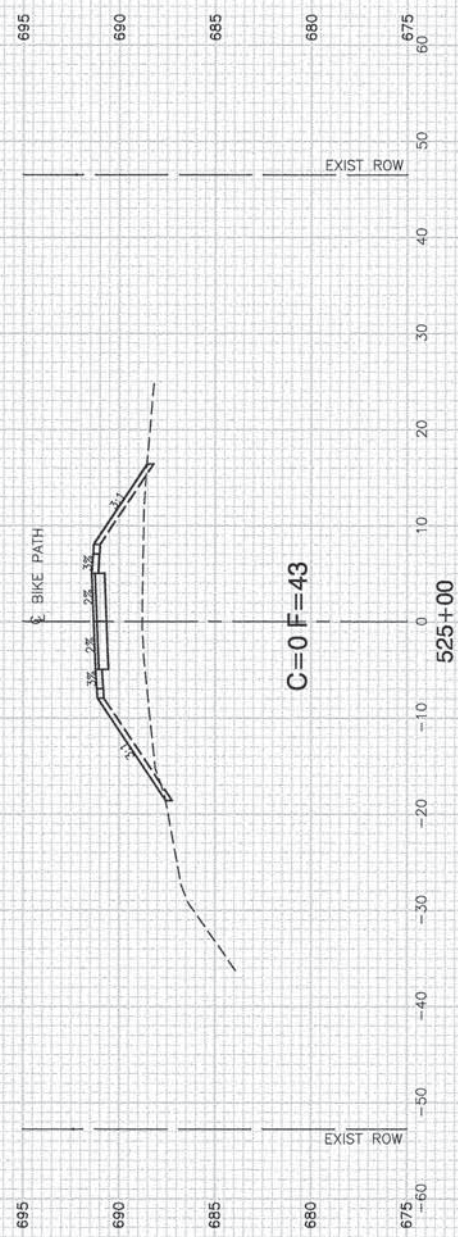
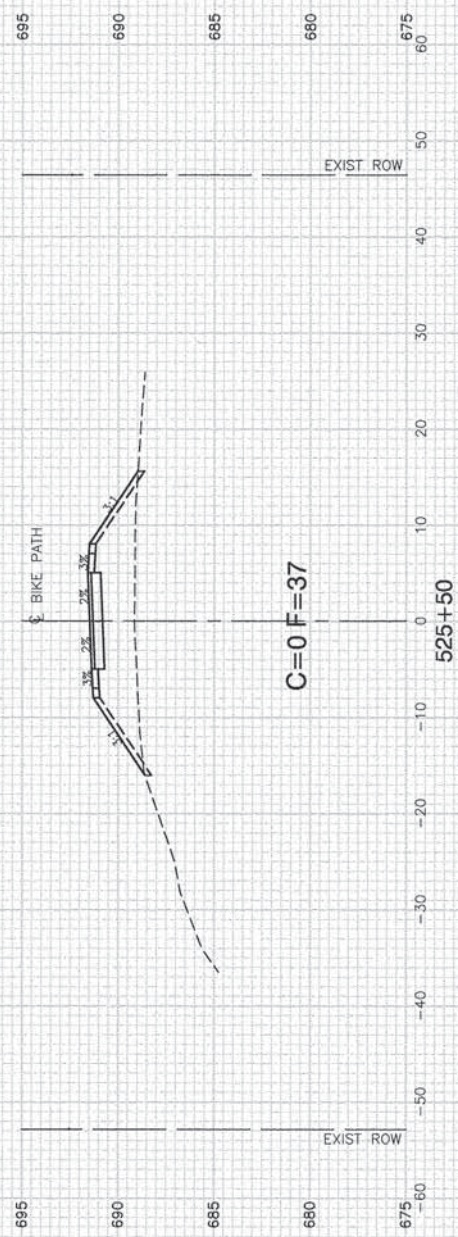
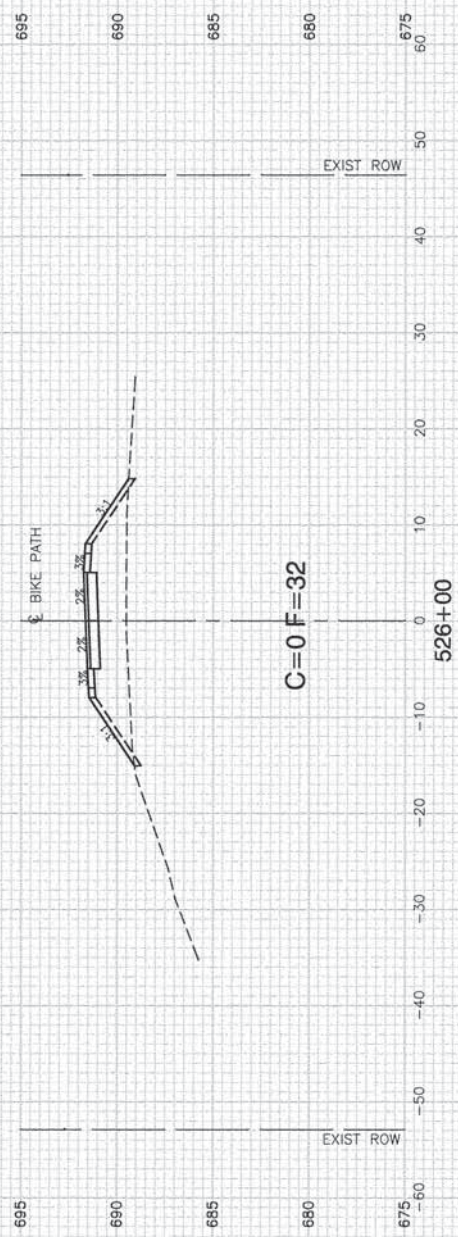
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 REVISED --  
 REVISED --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 42 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	42
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(15)

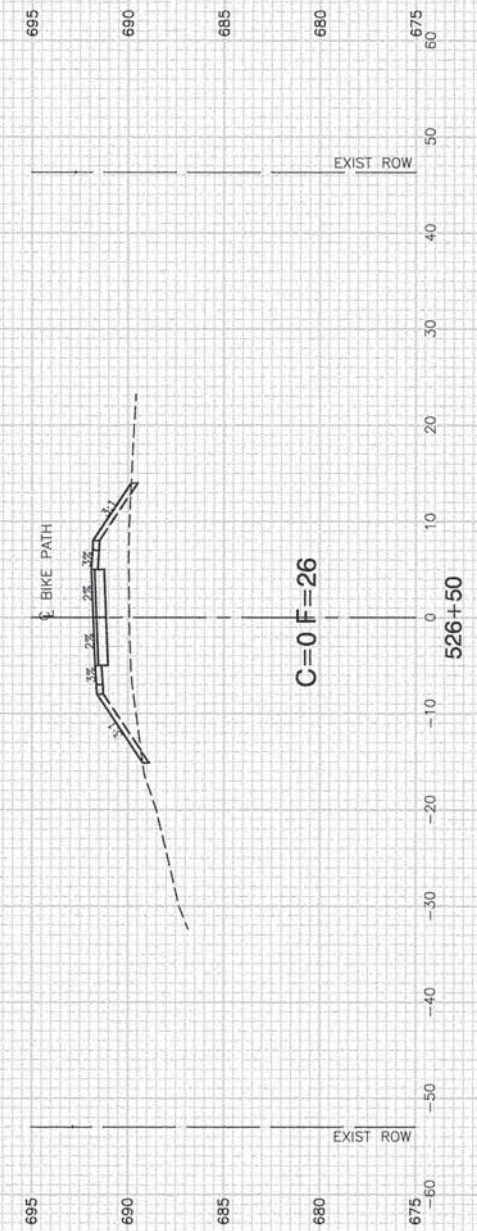
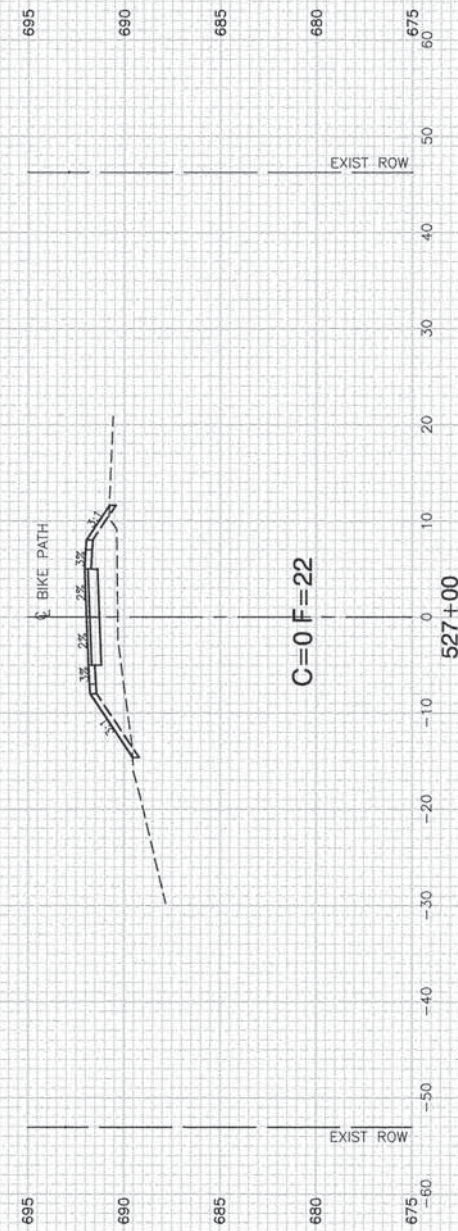
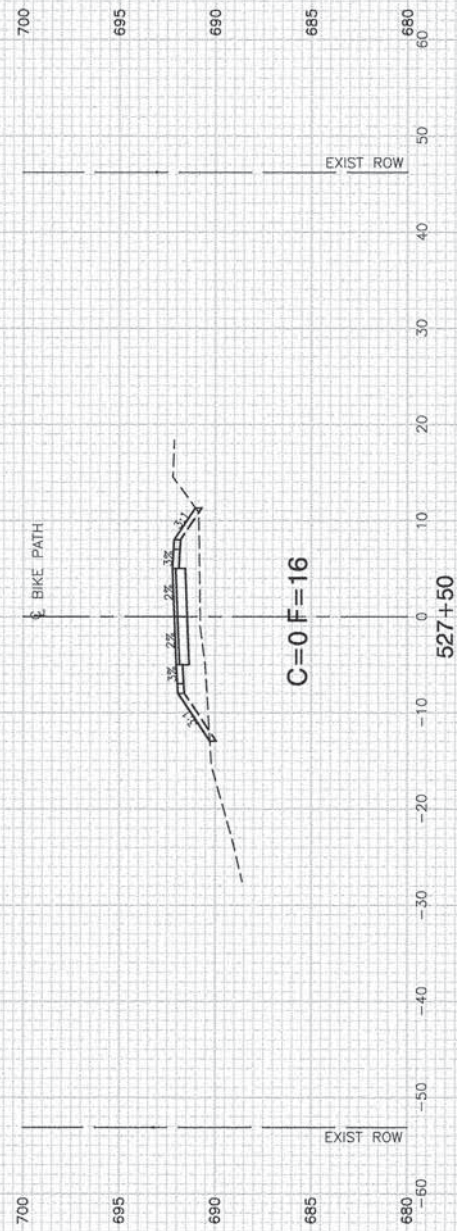
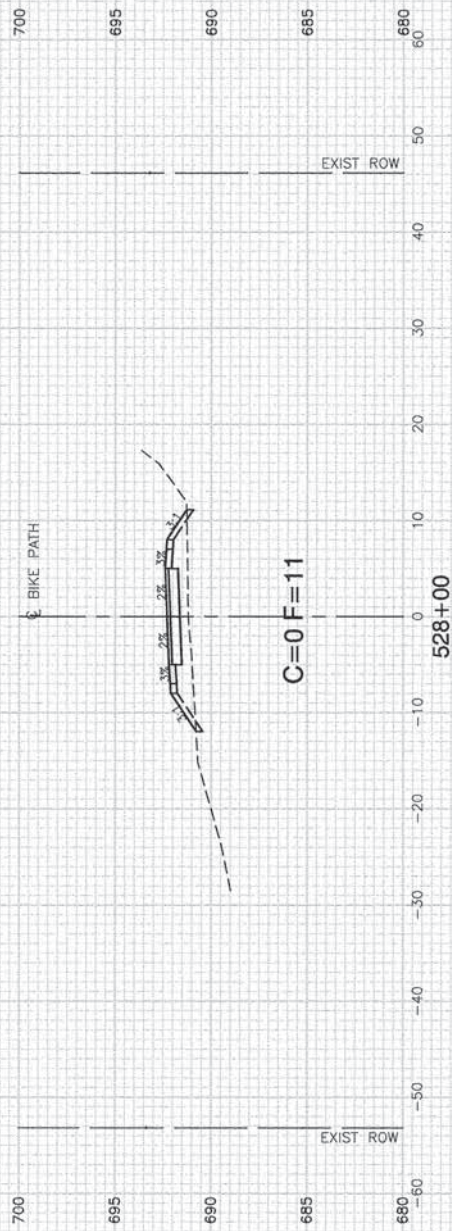
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	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'  
SHEET NO. 43 OF 64 SHEETS  
STA. 500+00 TO STA. 567+02.27

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	43
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-9003 (144)	



FILE NAME = 06182\_02-XSCT-01 - IDOT X(16)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

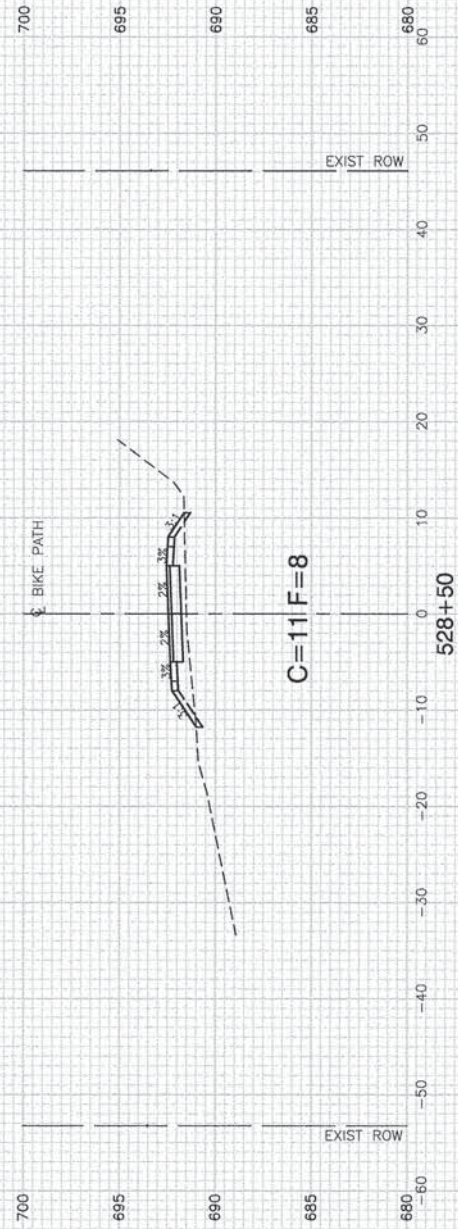
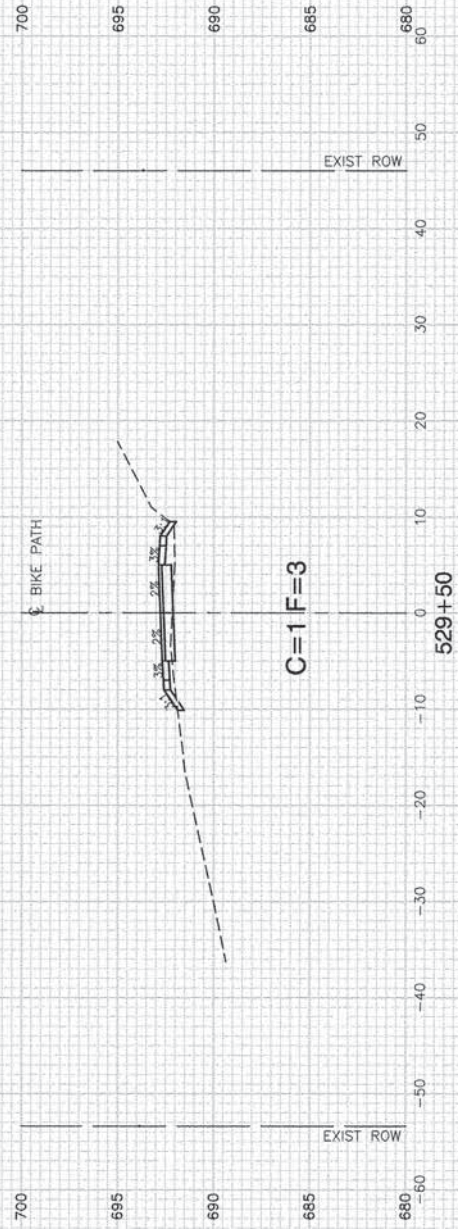
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 44 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	44
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(17)

USER NAME =	DESIGNED -- LR	REVISIONS --
PLOT SCALE =	CHECKED -- JMN	REVISIONS --
PLOT DATE = 12-15-14	DRAWN -- MED	REVISIONS --
	CHECKED -- AG	REVISIONS --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 45 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	45
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT CMM-8003 (144)		
		CONTRACT NO. 61B14		



FILE NAME = 05162\_02-XSCT-01 - IDOT X(18)

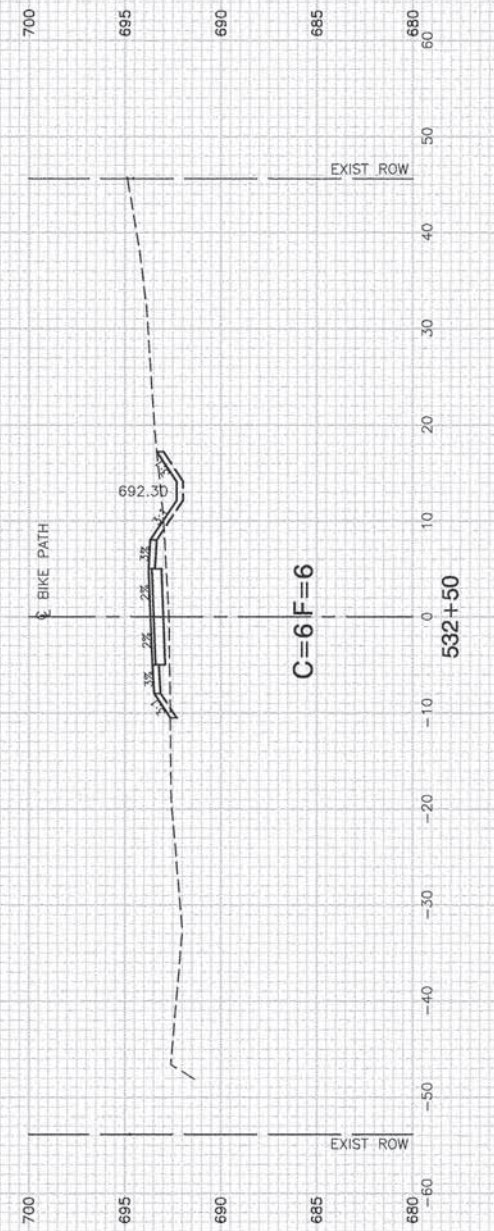
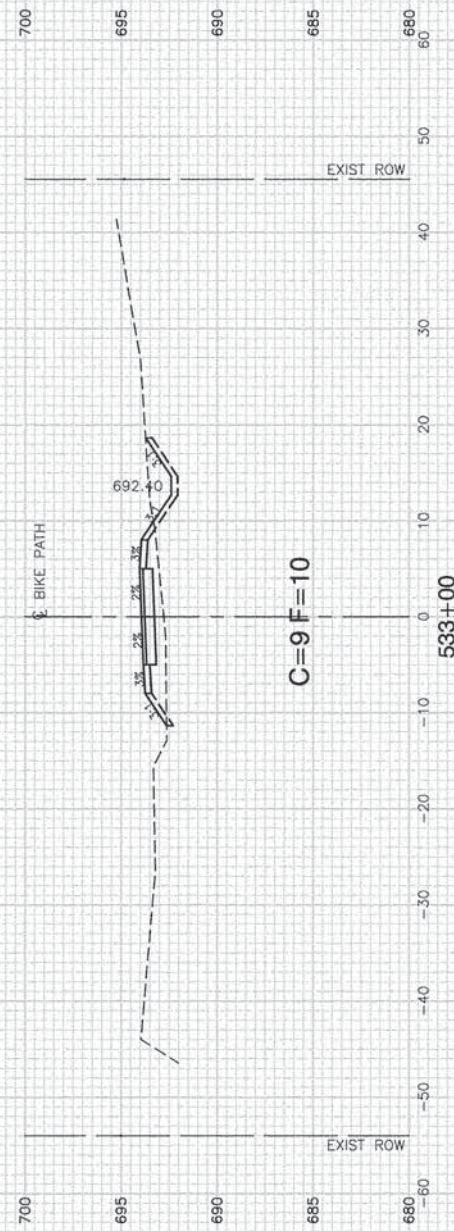
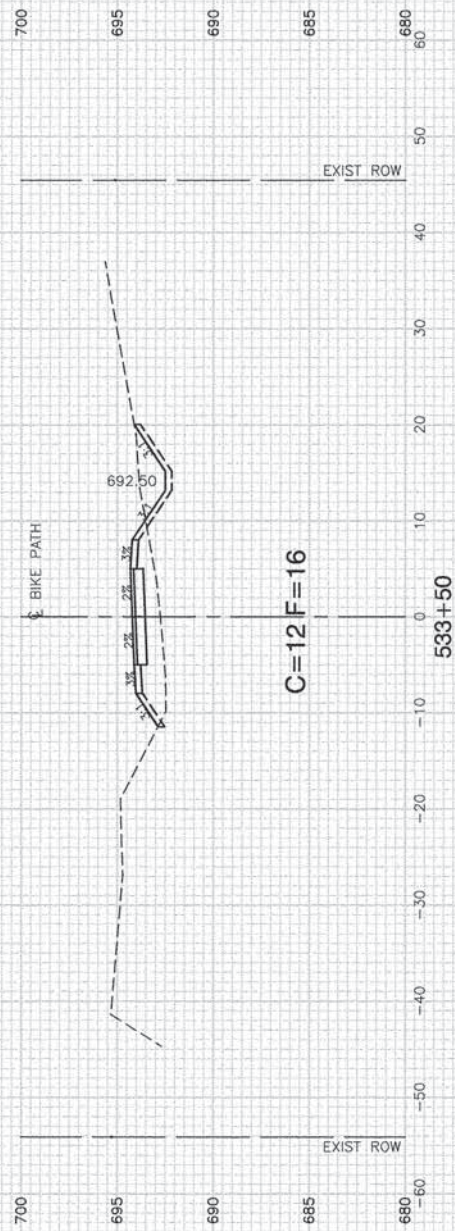
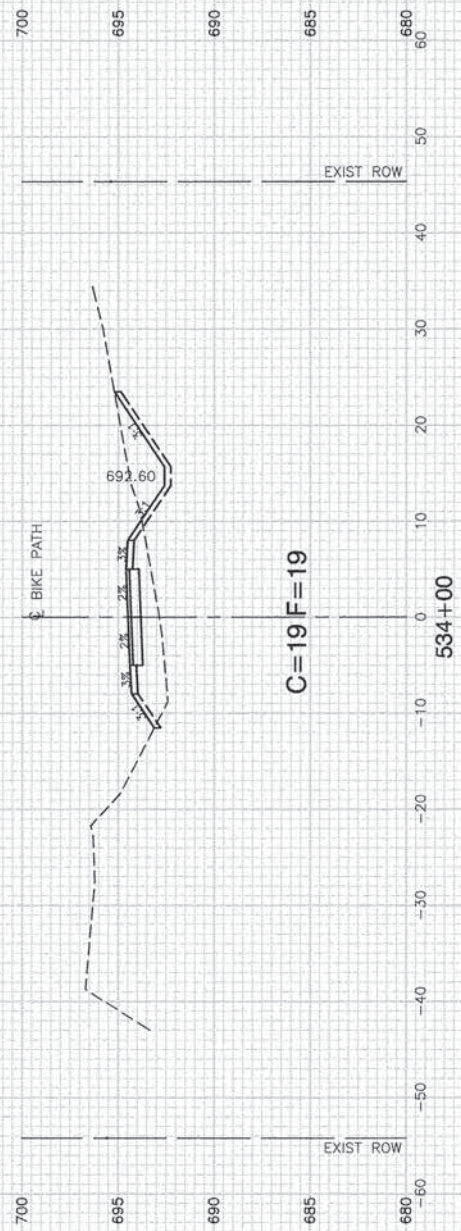
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	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 46 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	46
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT CMM-8003 (144)		CONTRACT NO. 61B14



FILE NAME = 05162\_02-XSCT-01 - IDOT X(19)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

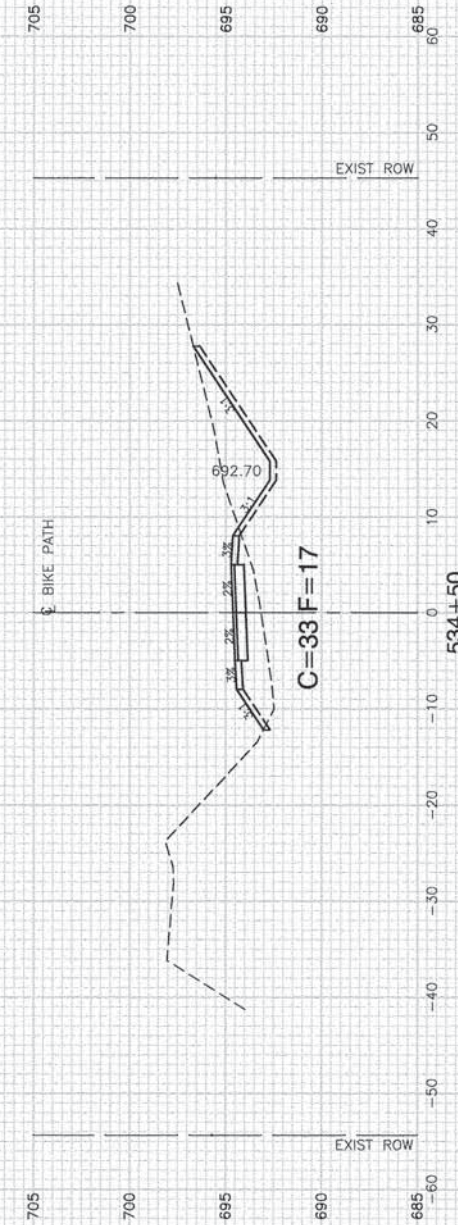
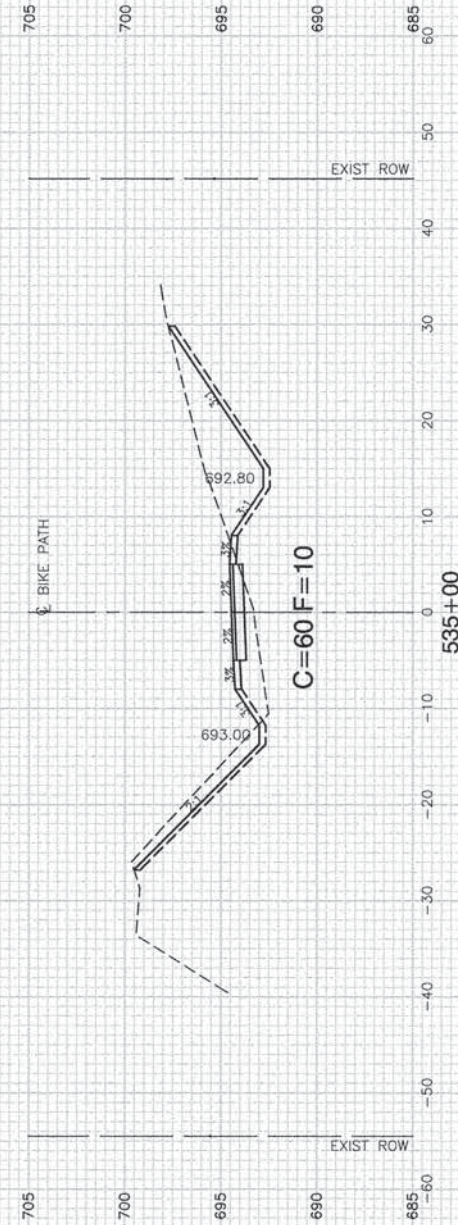
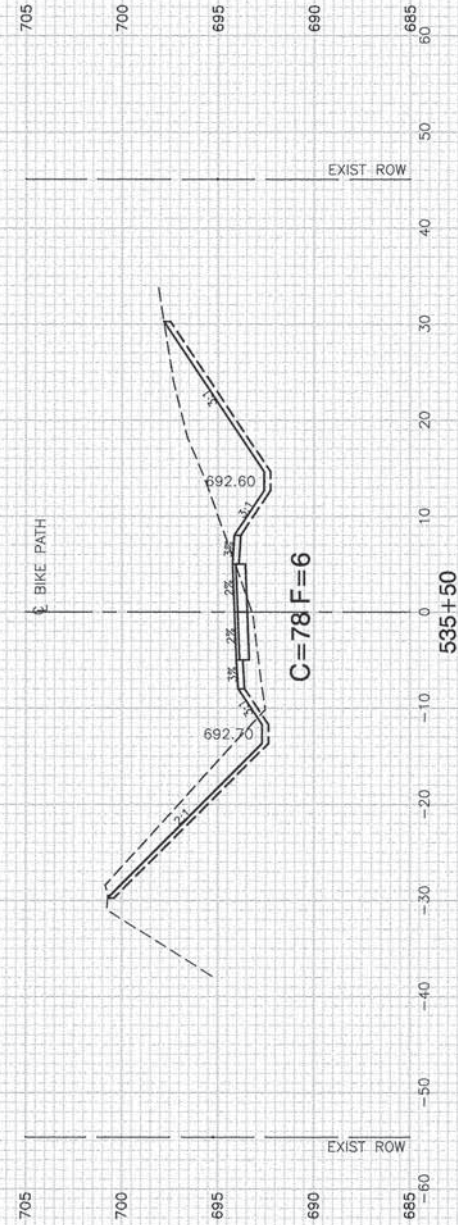
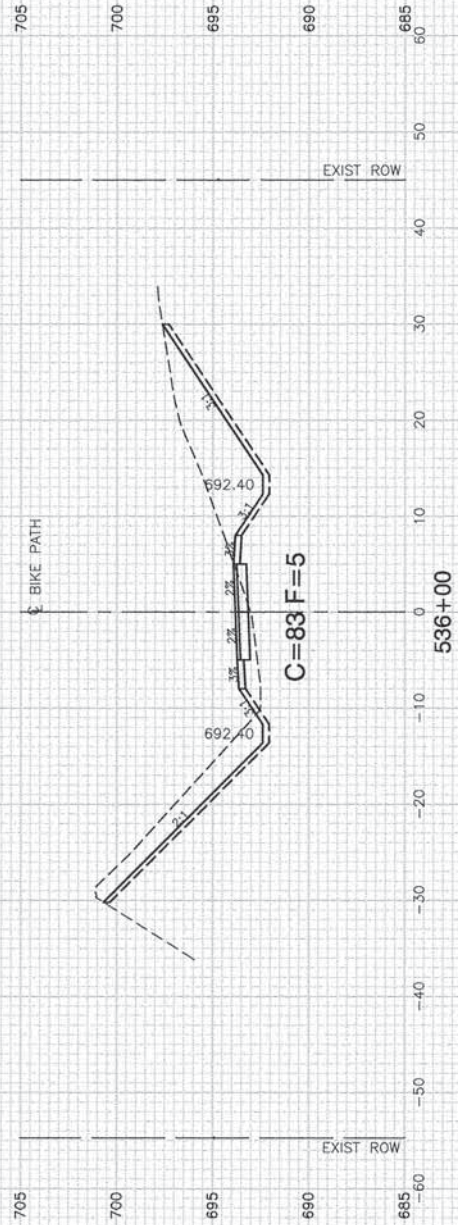
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 47 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	47
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(20)

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
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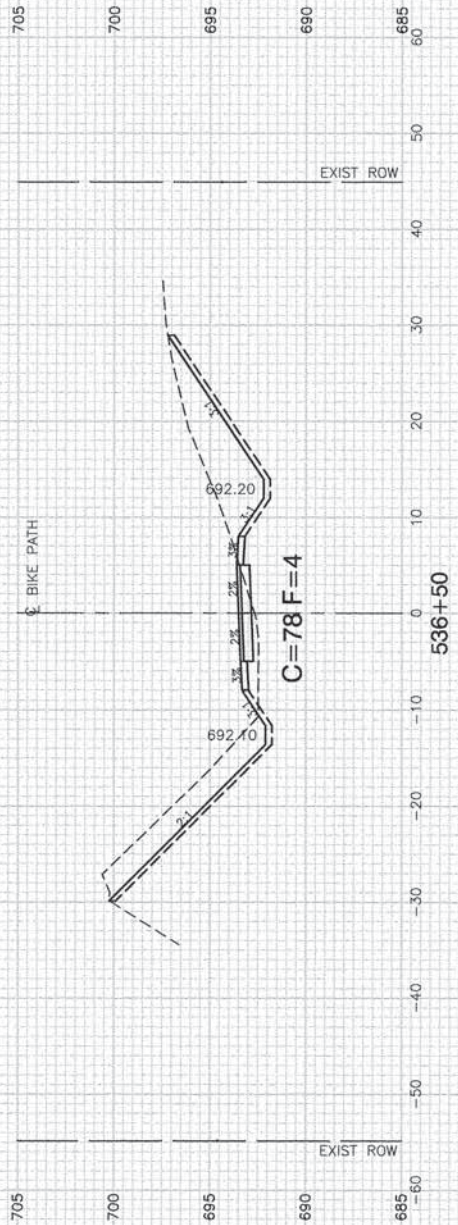
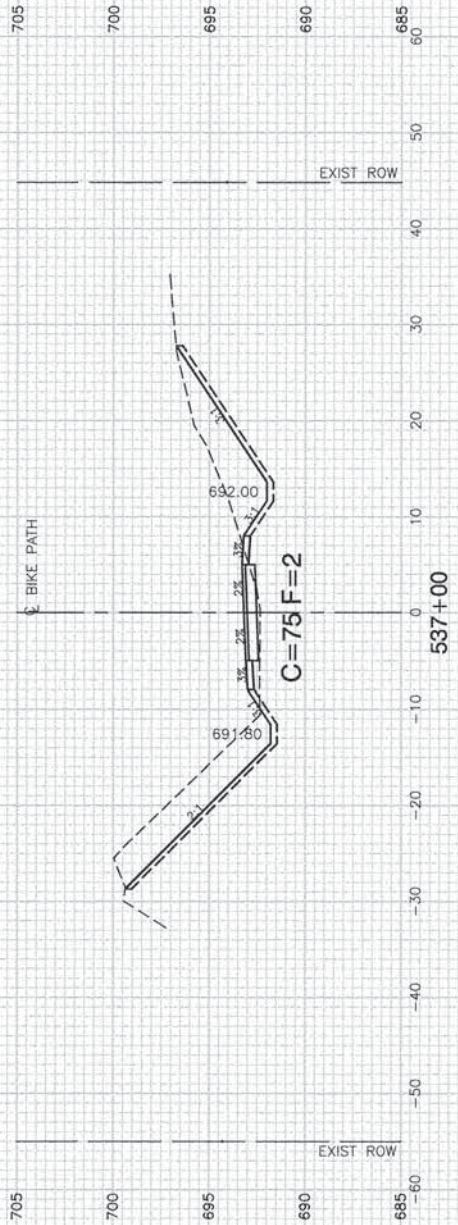
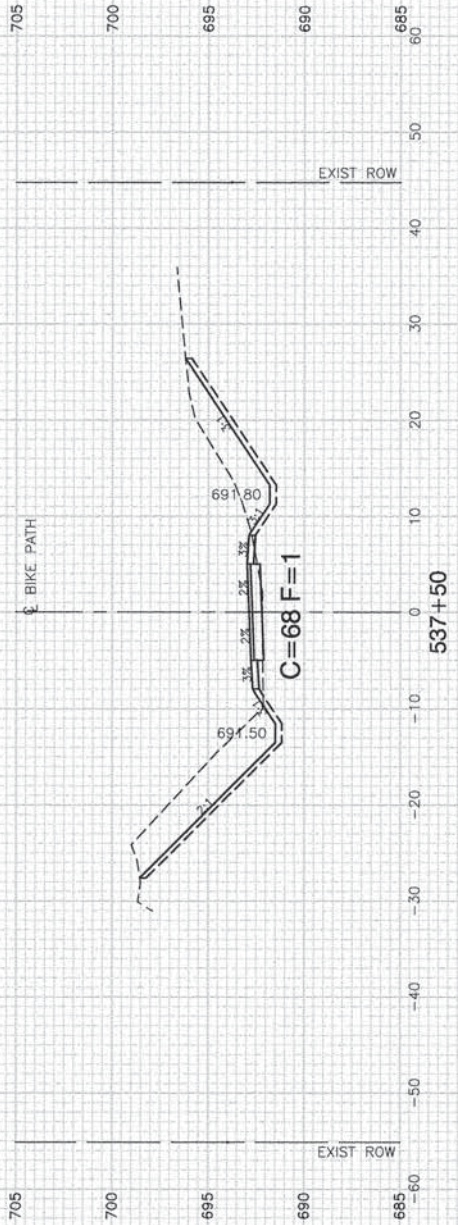
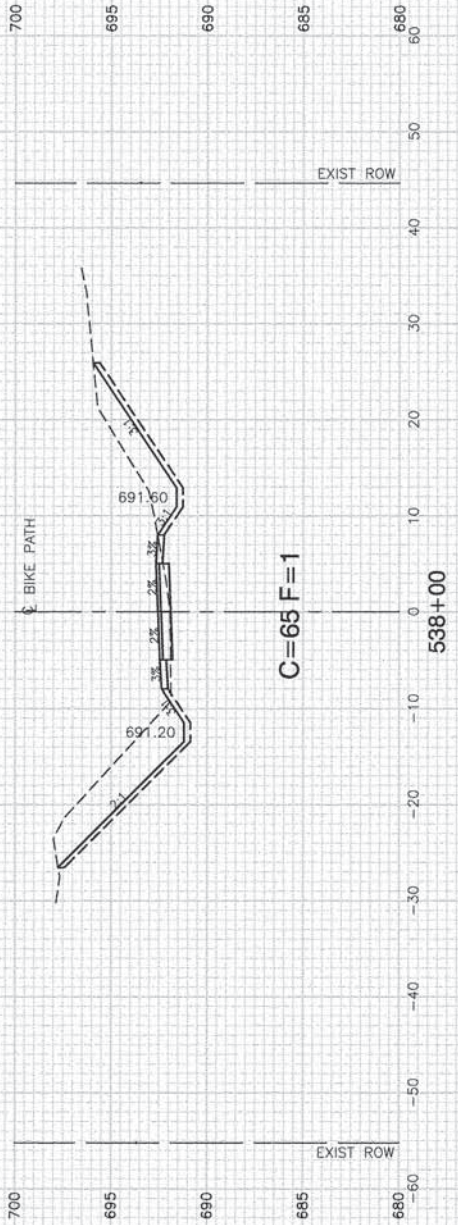
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 48 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	48
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	





FILE NAME = 05162\_02-XSCT-01 - IDOT X(21)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

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 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

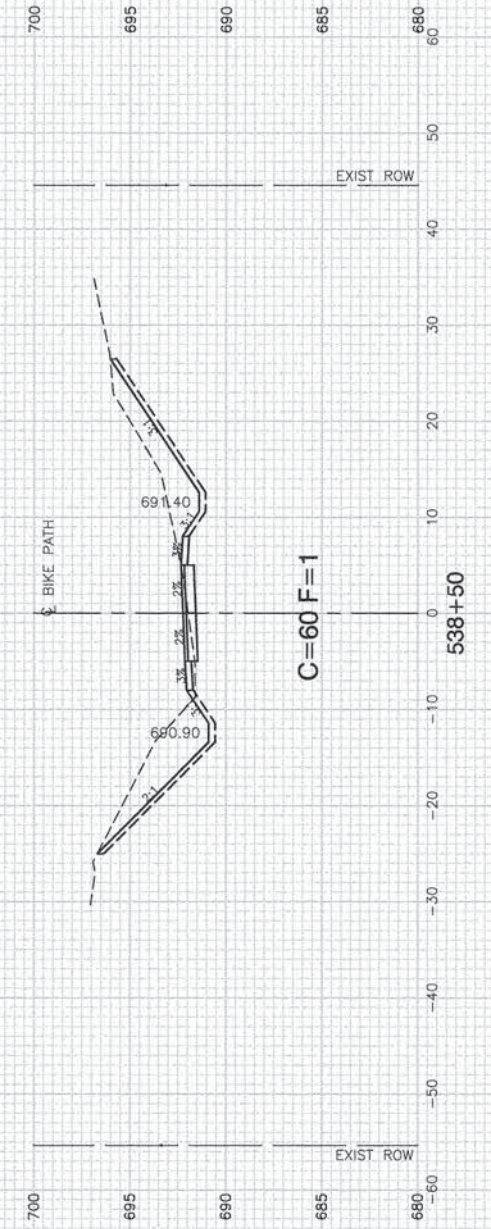
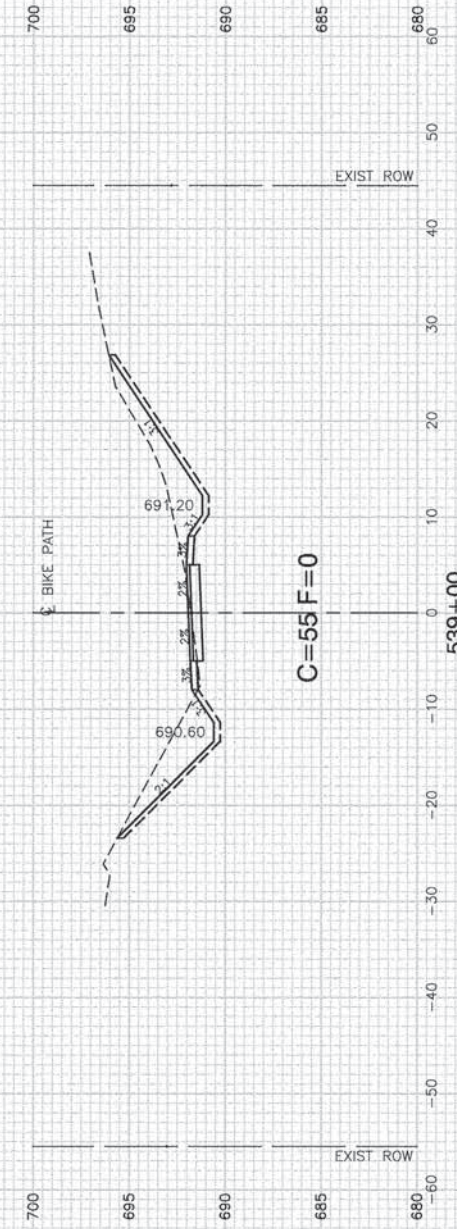
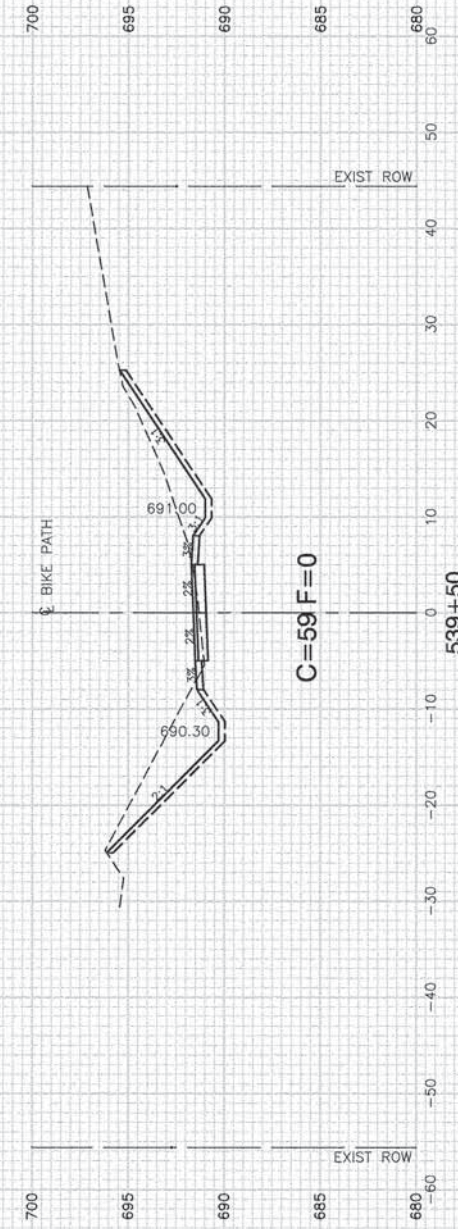
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 49 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	49
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(22)

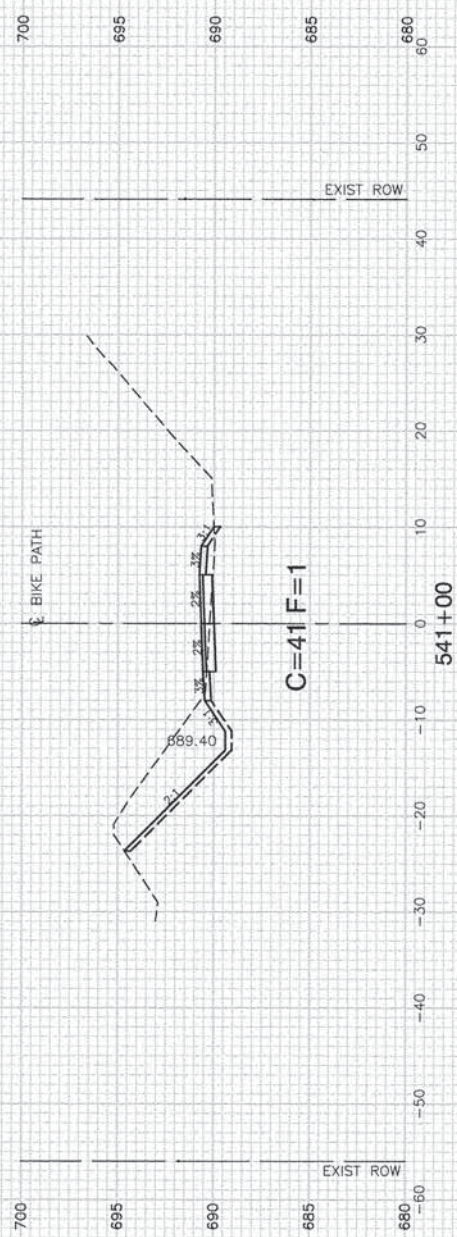
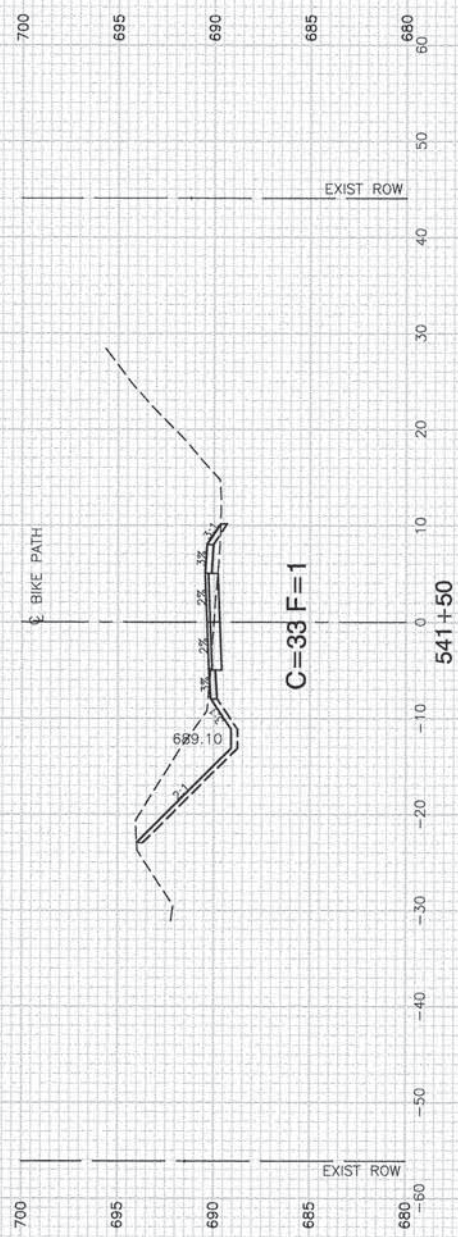
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PLOT SCALE =	CHECKED -- AG	REVISED --
PLOT DATE = 12-15-14		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'			SHEET NO. 50 OF 64 SHEETS	STA. 500+00 TO STA. 567+02.27
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OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	50
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(23)

USER NAME =  
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 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

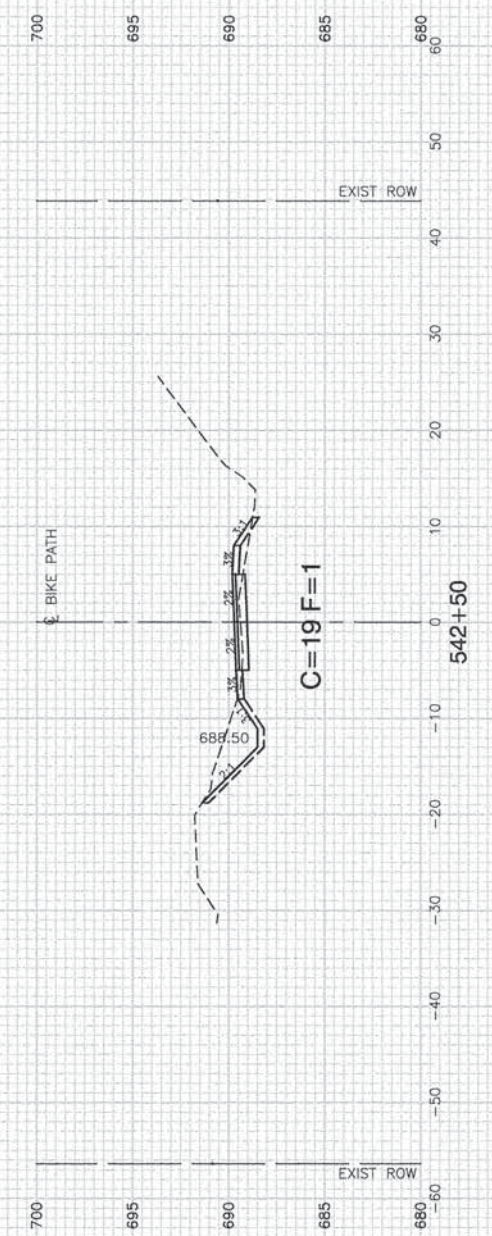
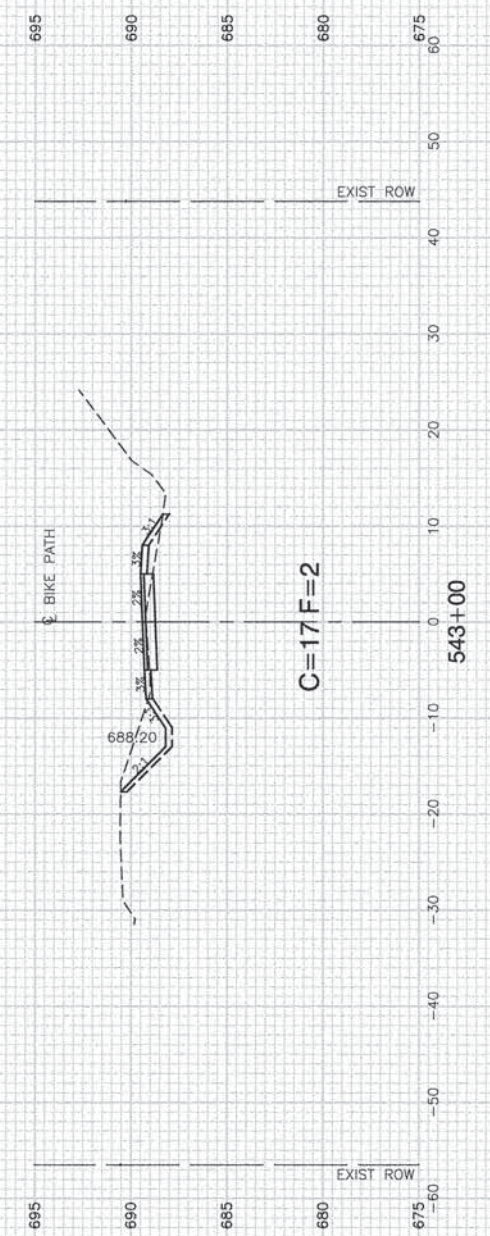
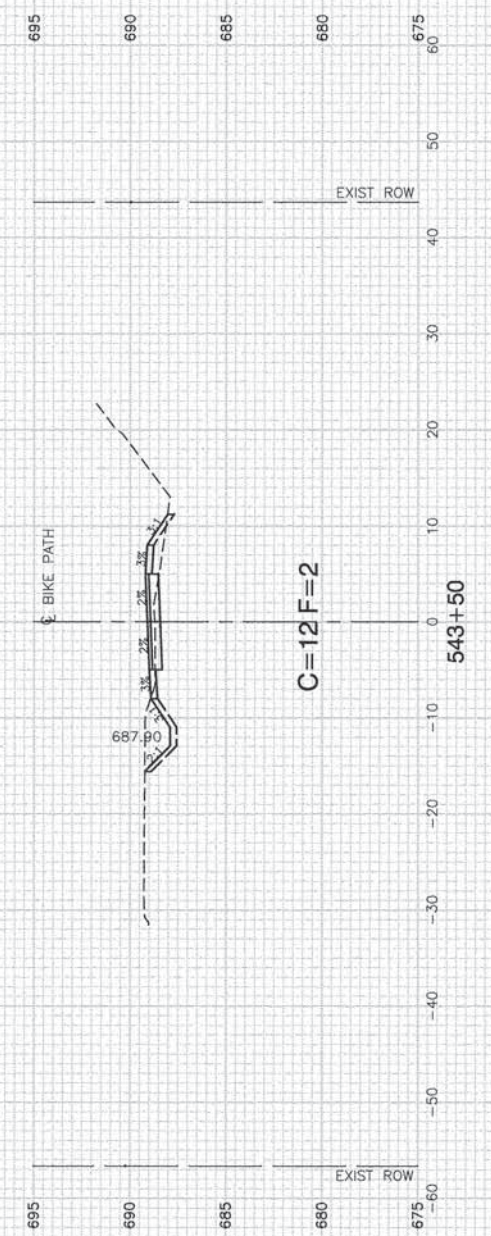
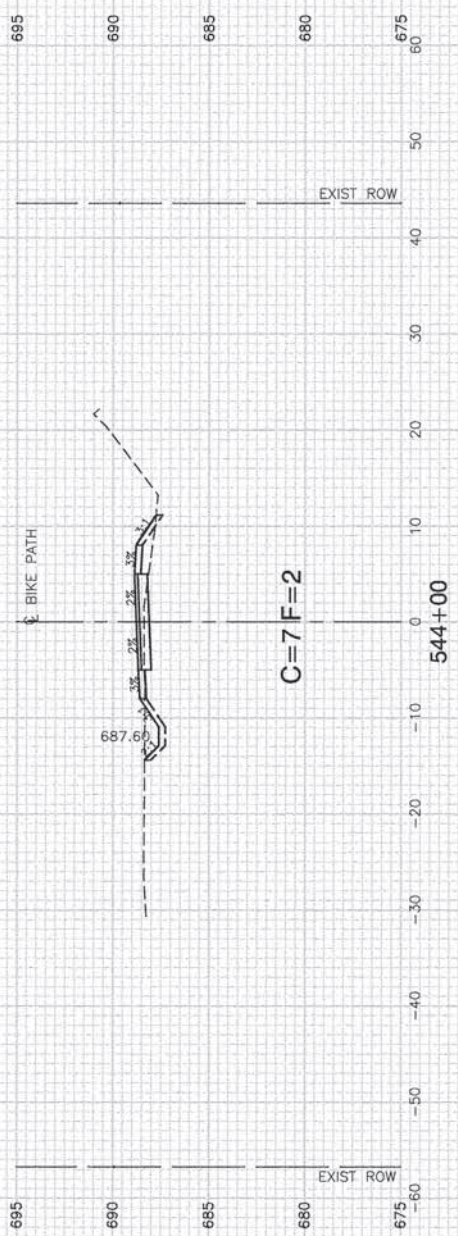
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V1"=5'  
 SHEET NO. 51 OF 64 SHEETS  
 STA. 500+00 TO STA. 567+02.27

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	51
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(24)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
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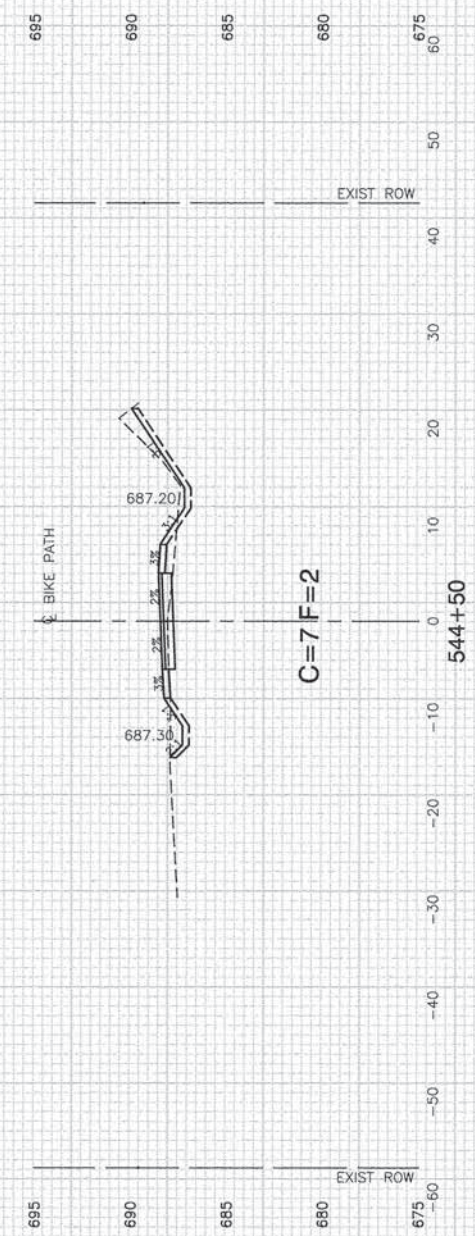
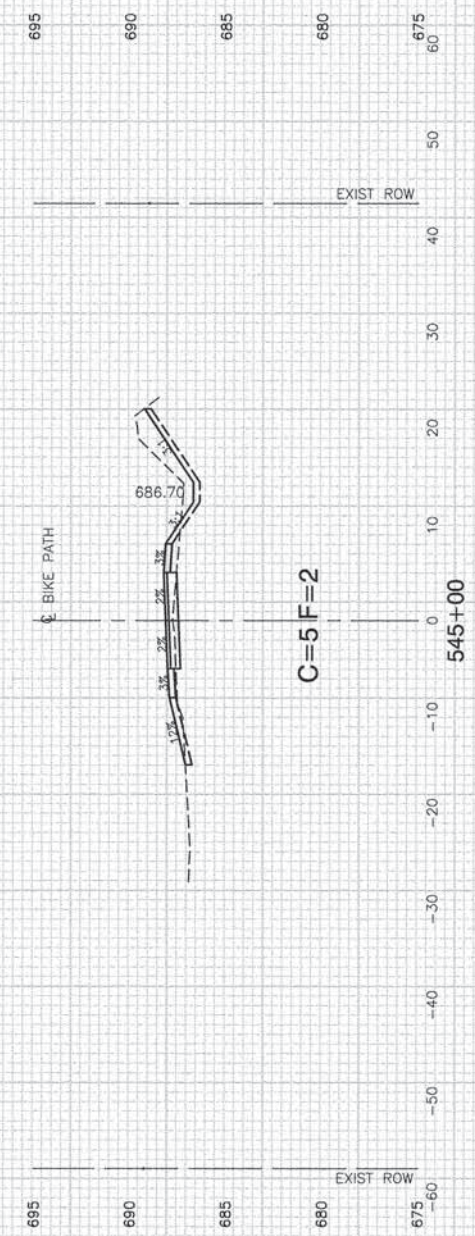
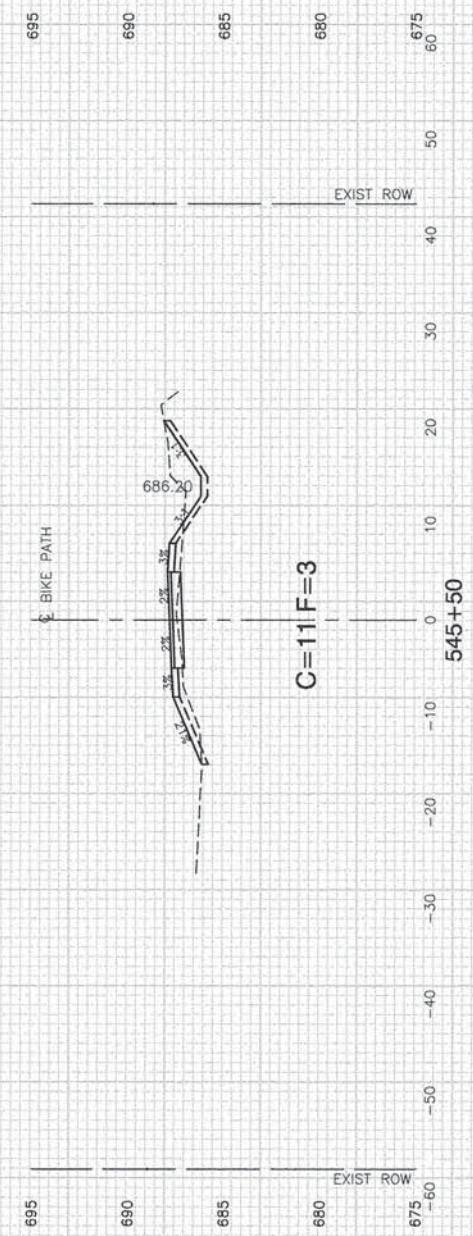
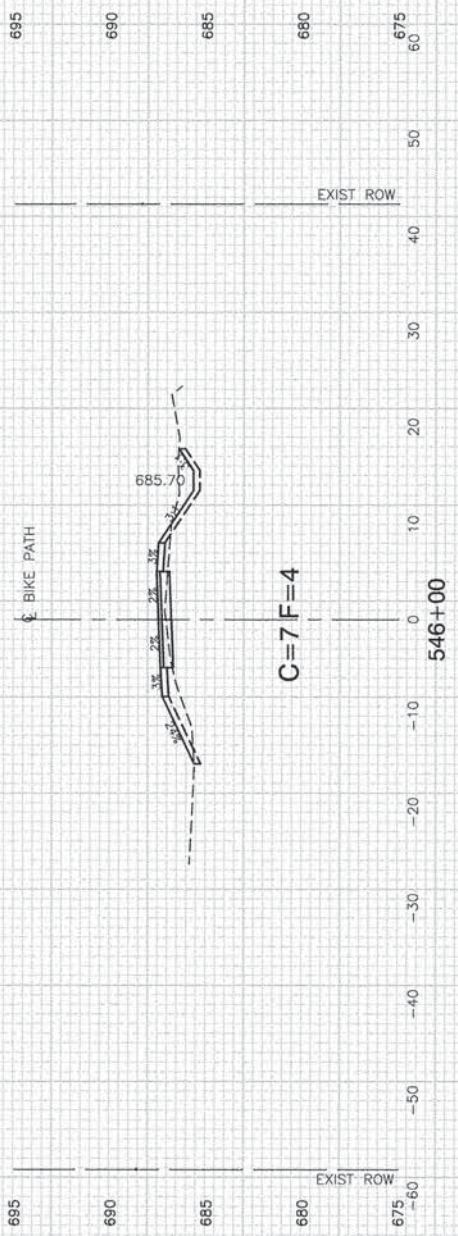
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5'  
 SHEET NO. 52 OF 64 SHEETS  
 STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	52
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)			CONTRACT NO. 61B14	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(25)

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 12-15-14

DESIGNED -- LR  
 CHECKED -- JMN  
 DRAWN -- MED  
 CHECKED -- AG

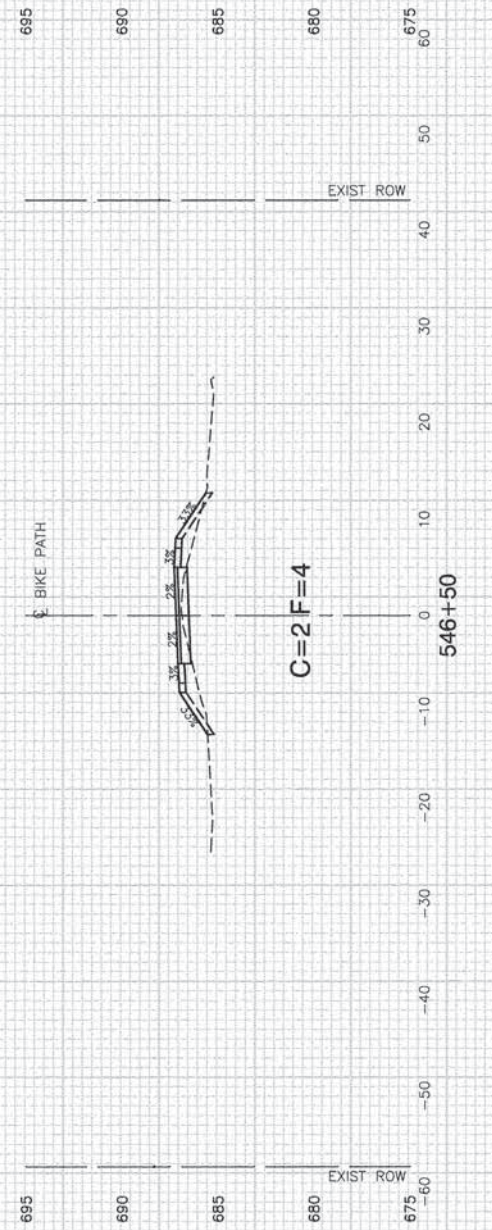
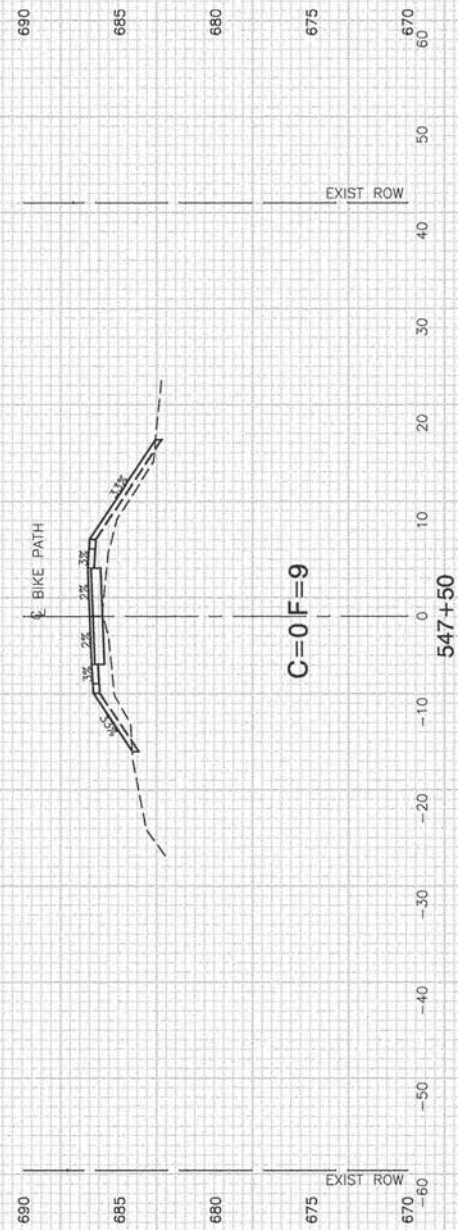
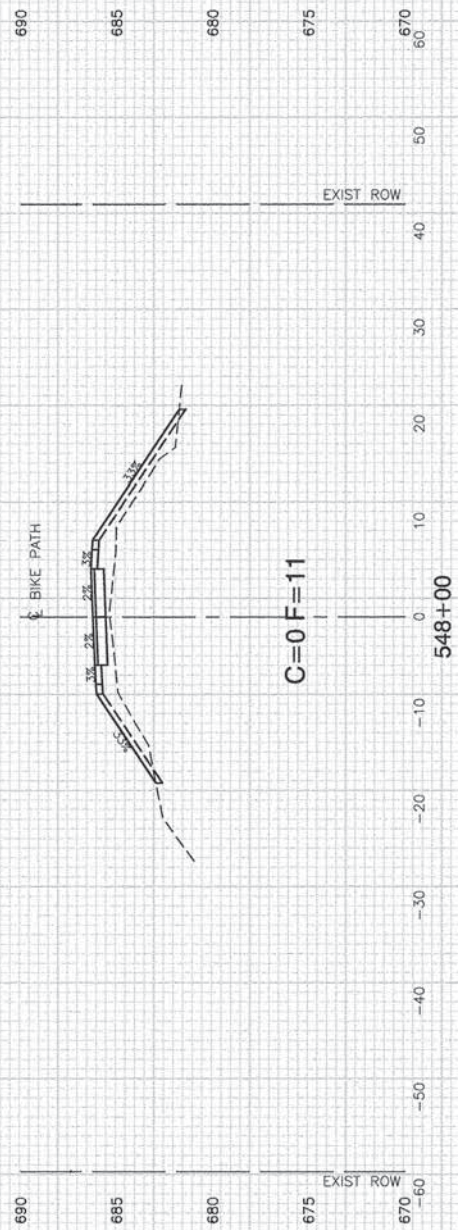
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'  
 SHEET NO. 53 OF 64 SHEETS  
 STA. 500+00 TO STA. 567+02.27

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00207-00-BT	COOK	64	53	
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02.XSCT-01 - IDOT.X(26)

USER NAME =  
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DESIGNED -- LR  
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 DRAWN -- MED  
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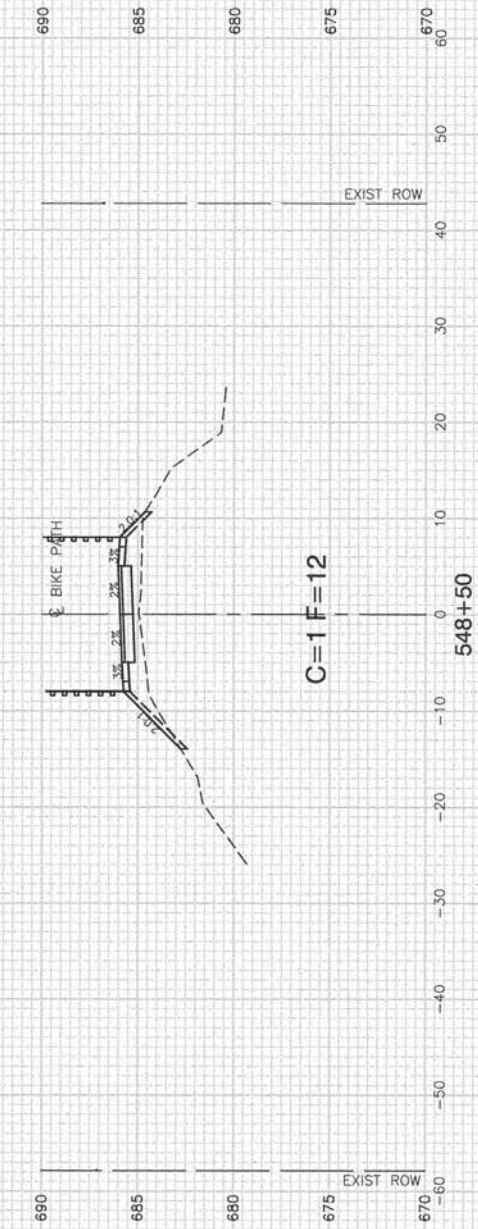
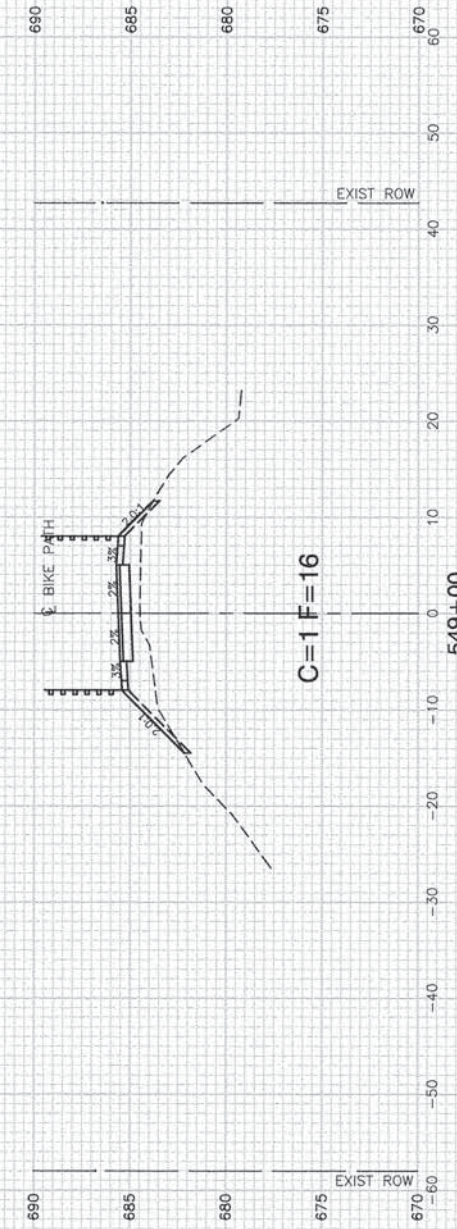
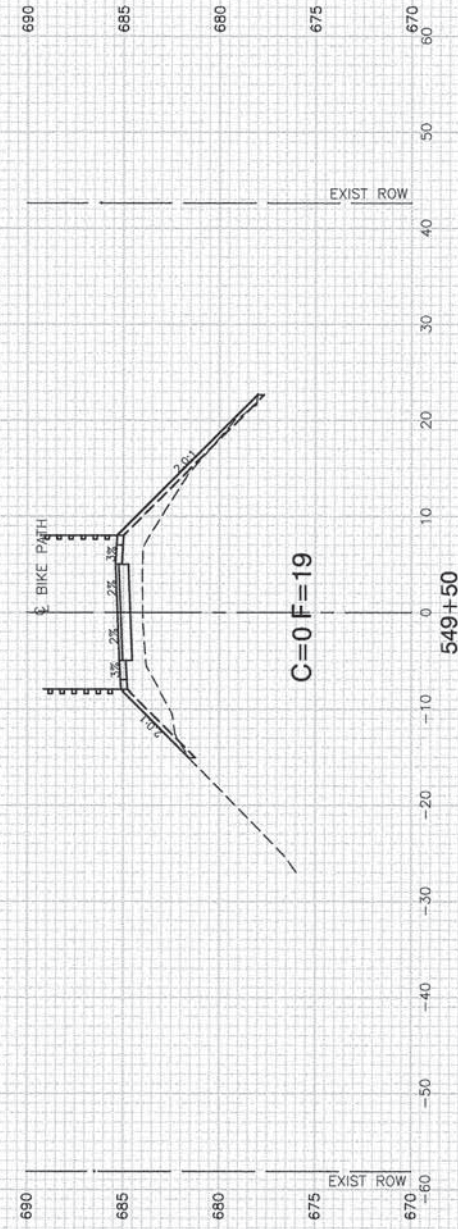
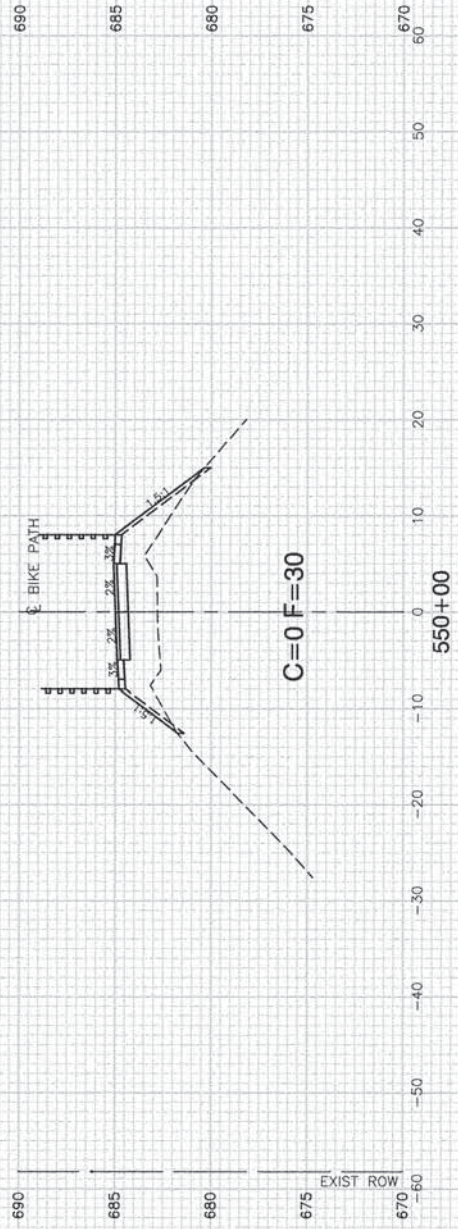
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
 BIKE PATH EXTENSION  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 54 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	54
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(27)

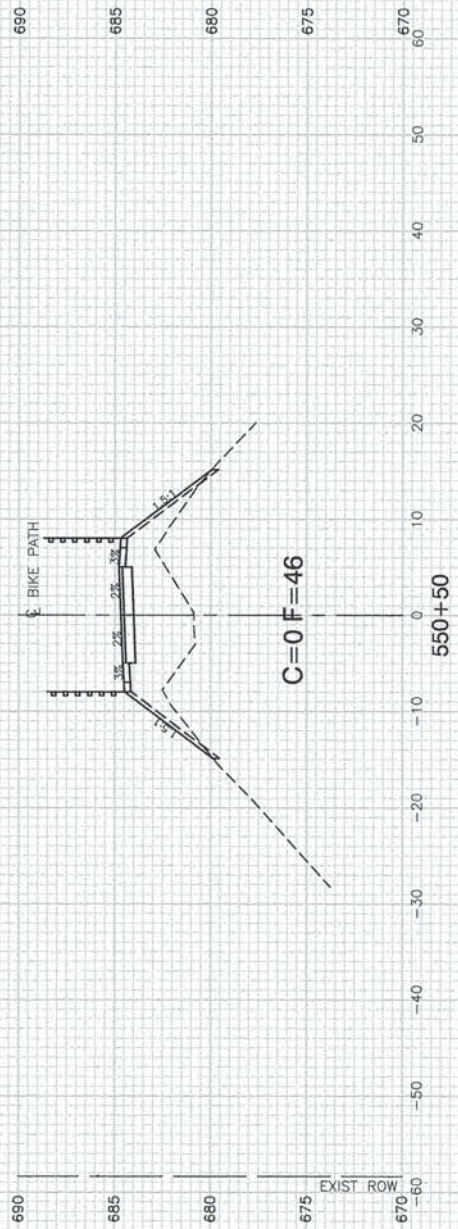
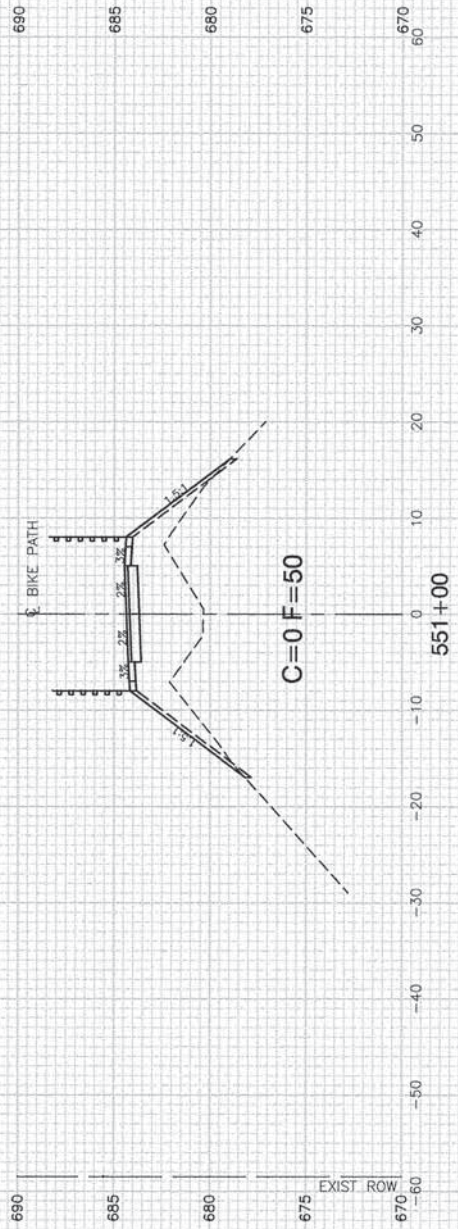
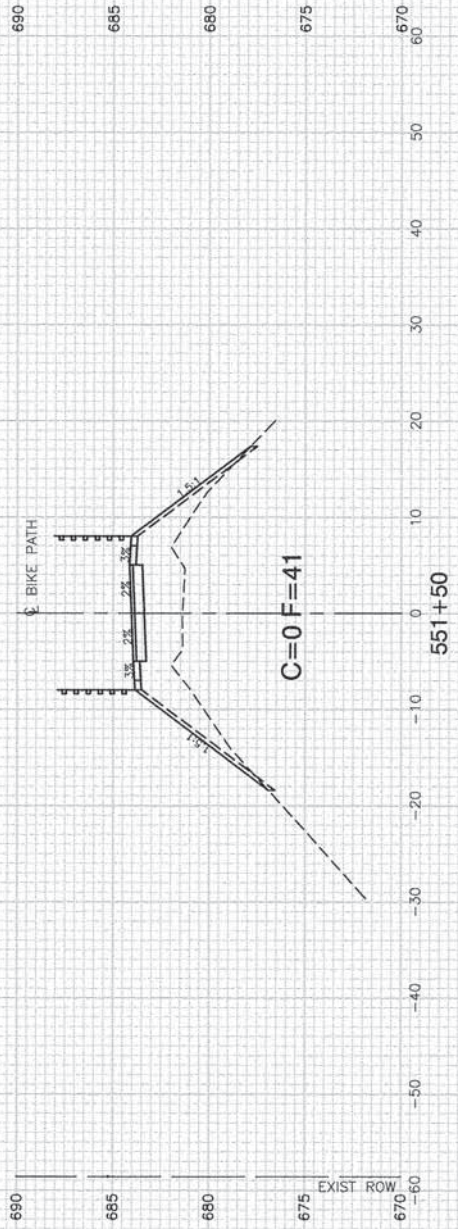
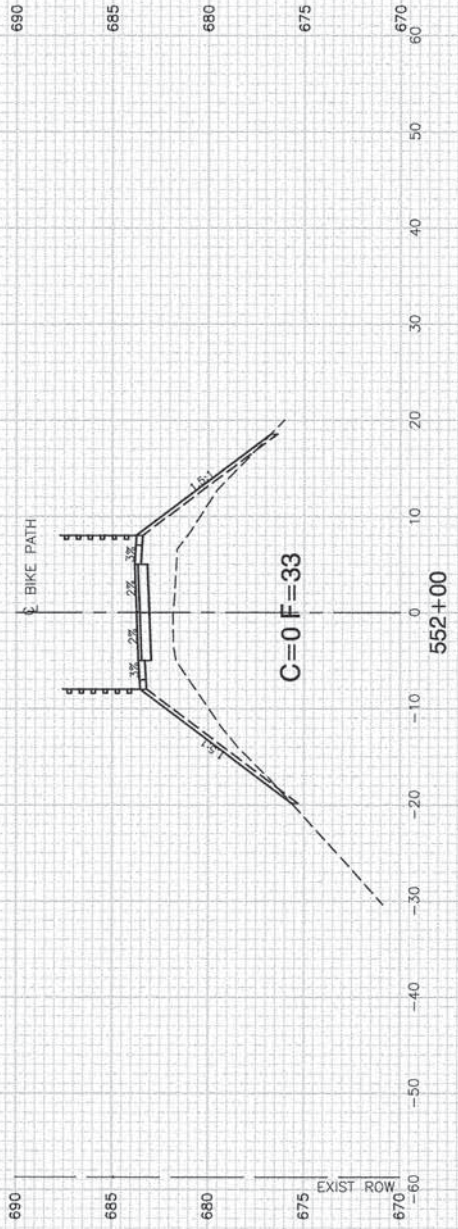
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	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 55 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	55
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT CMM-8003 (144)		
CONTRACT NO. 61B14				



FILE NAME = 05162\_02-XSCT-01 - IDOT X(28)

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

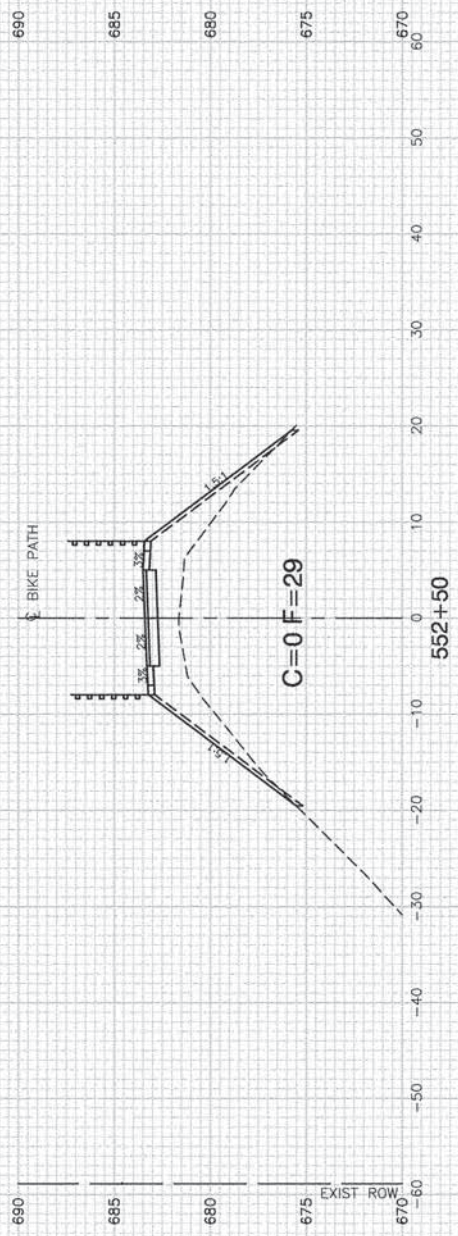
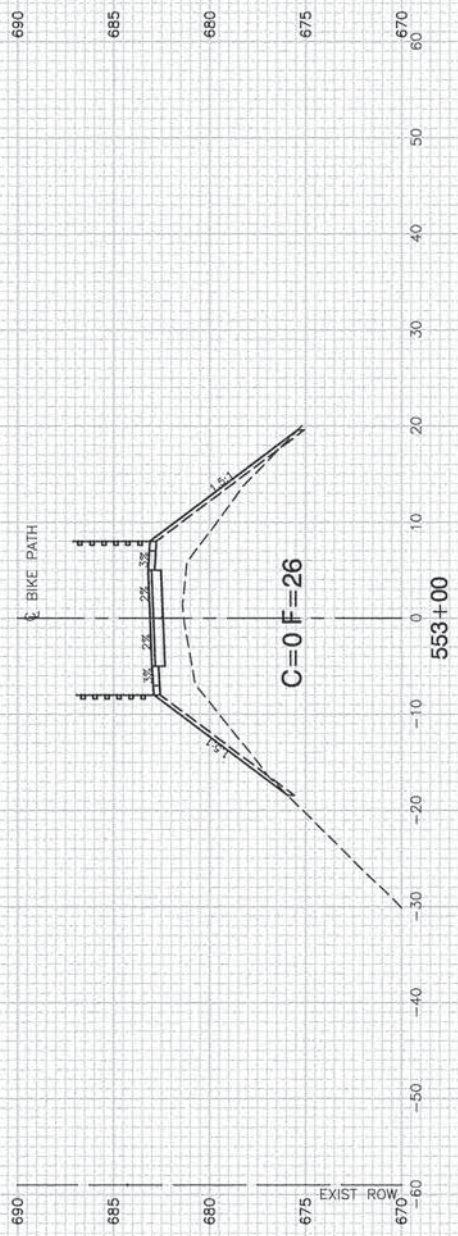
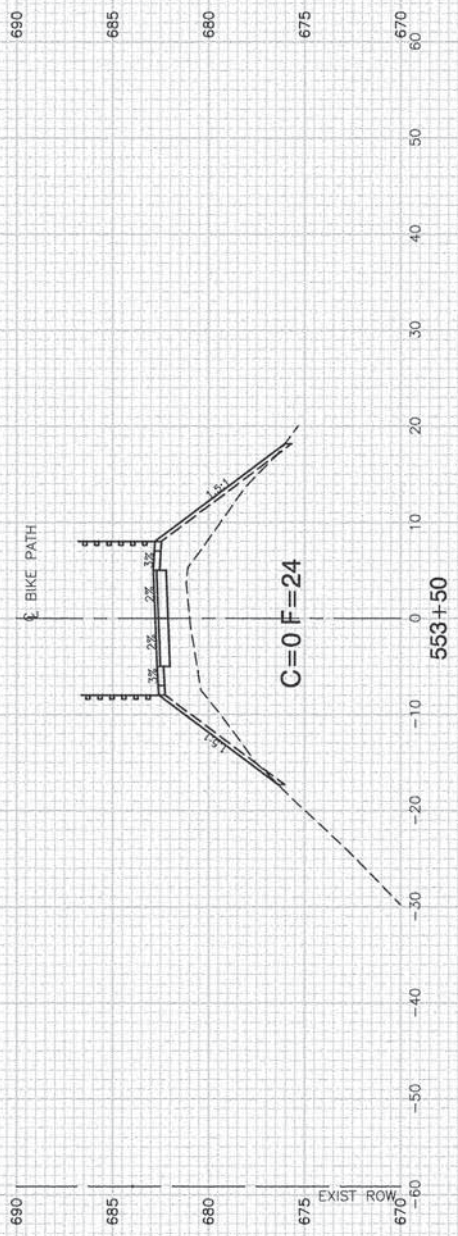
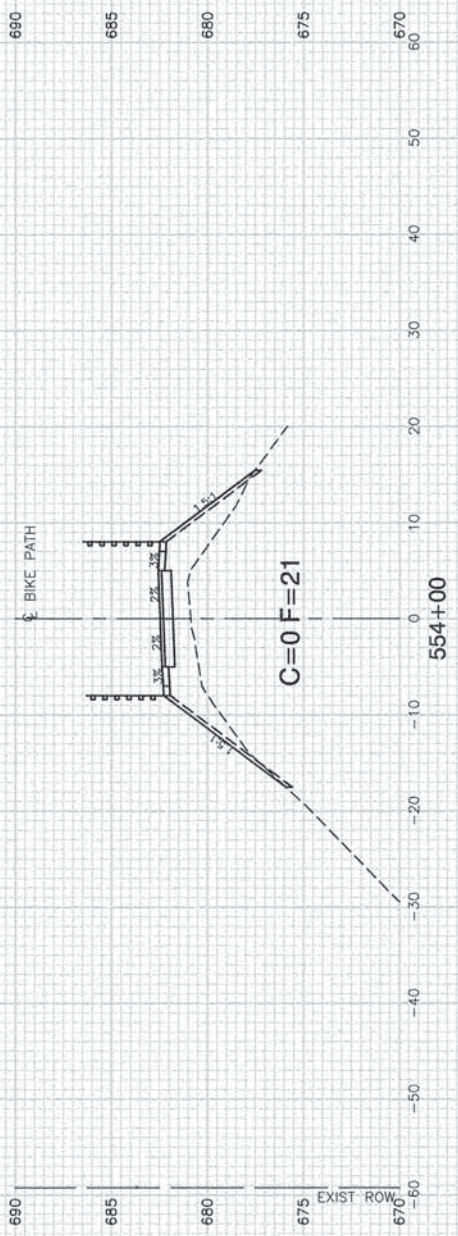
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 56 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	56
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT CMM-8003 (144)	
		CONTRACT NO. 61B14		





FILE NAME = 05162\_02-XSCT-01 - IDOT X(29)

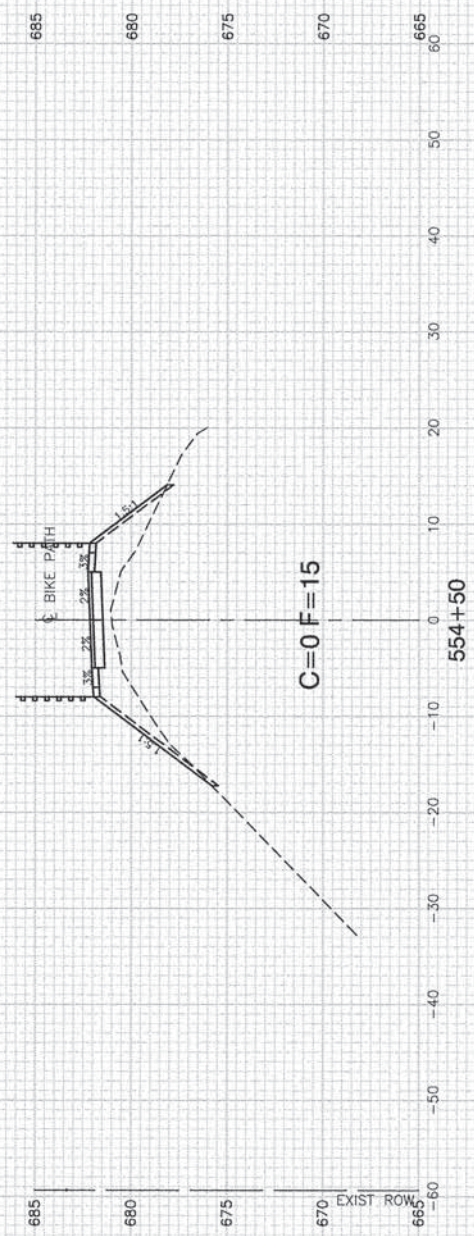
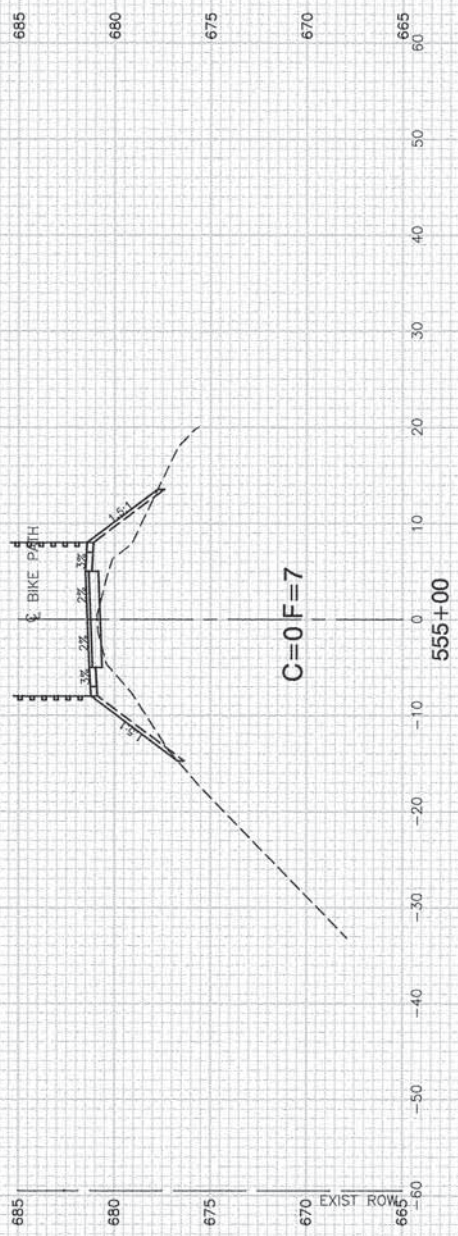
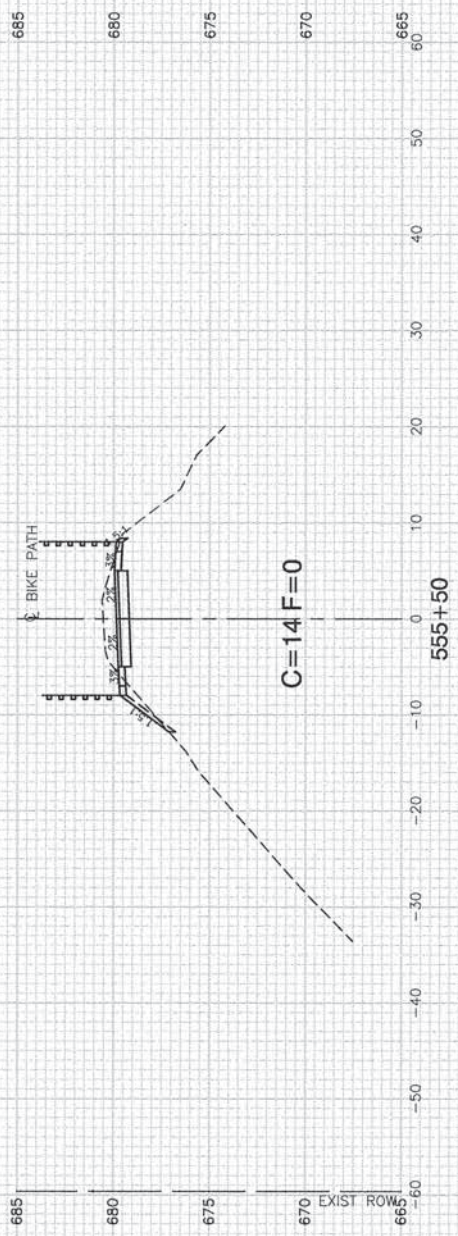
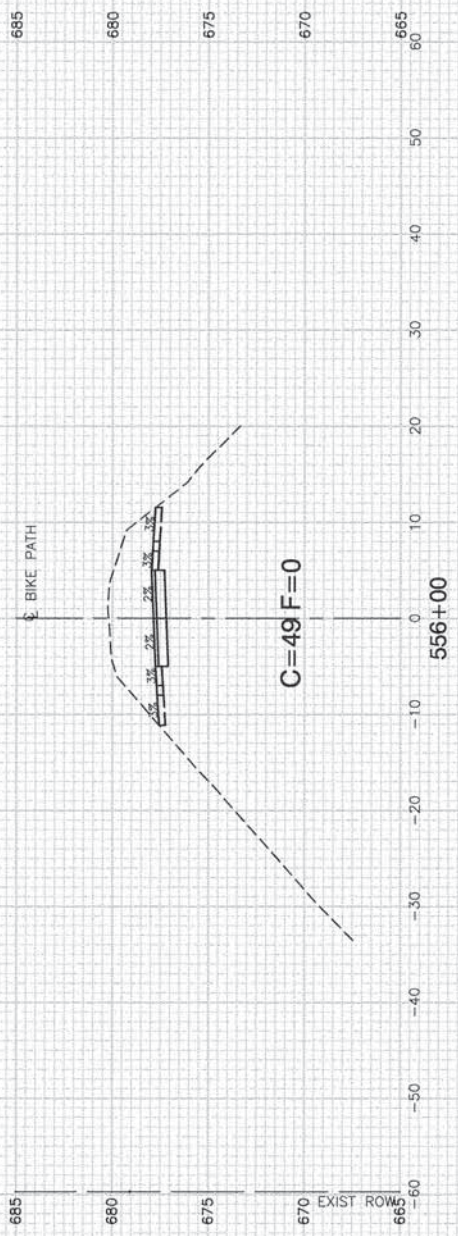
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CHECKED -- JMN	DRAWN -- MED	REVISED --
PLOT SCALE =	CHECKED -- AG	REVISED --
PLOT DATE = 12-15-14		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'  
SHEET NO. 57 OF 64 SHEETS  
STA. 500+00 TO STA. 567+02.27

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	57
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-8003 (144)				



FILE NAME = 05162\_02-XSCT-01 - IDOT X(30)

USER NAME =	DESIGNED -- LR	REVISED --
	CHECKED -- JMN	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

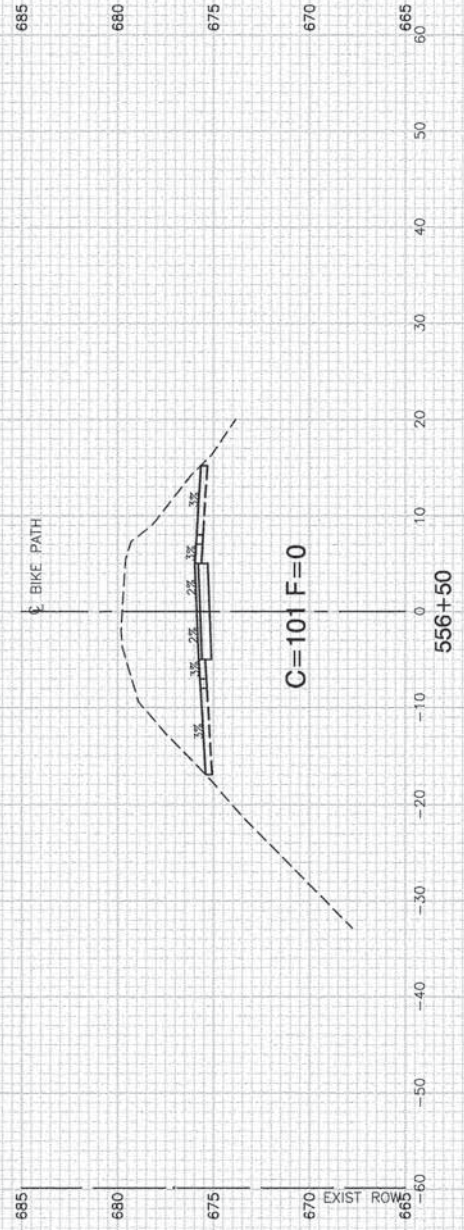
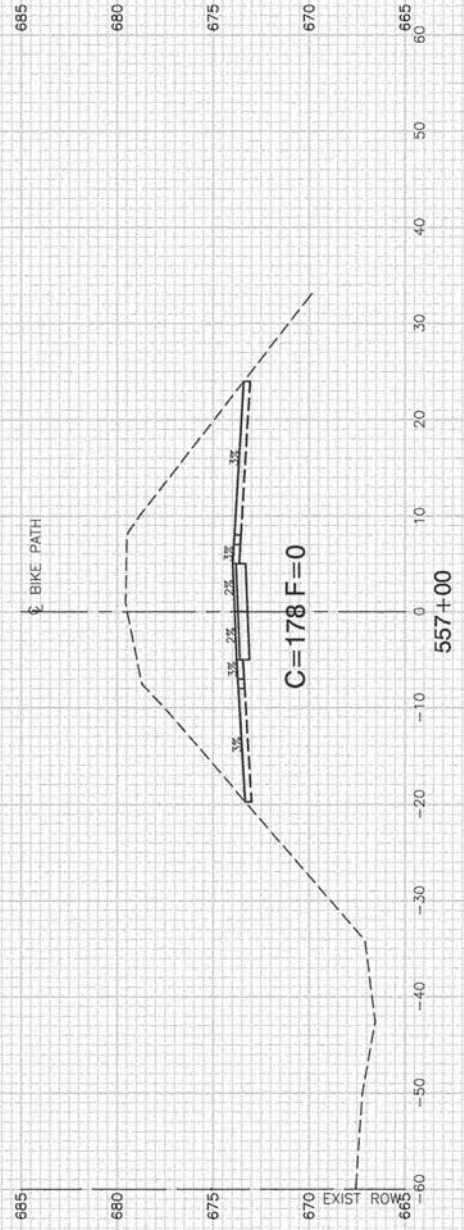
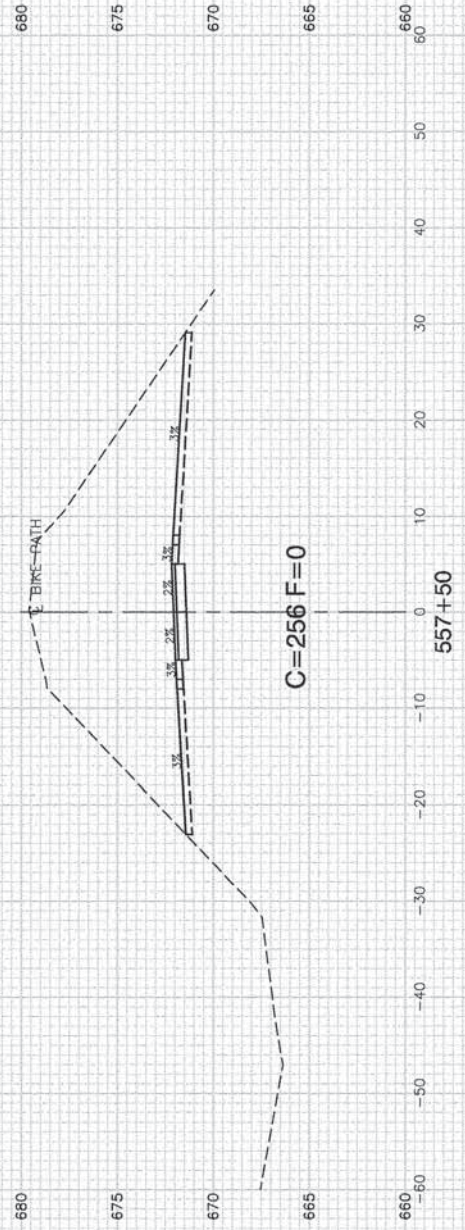
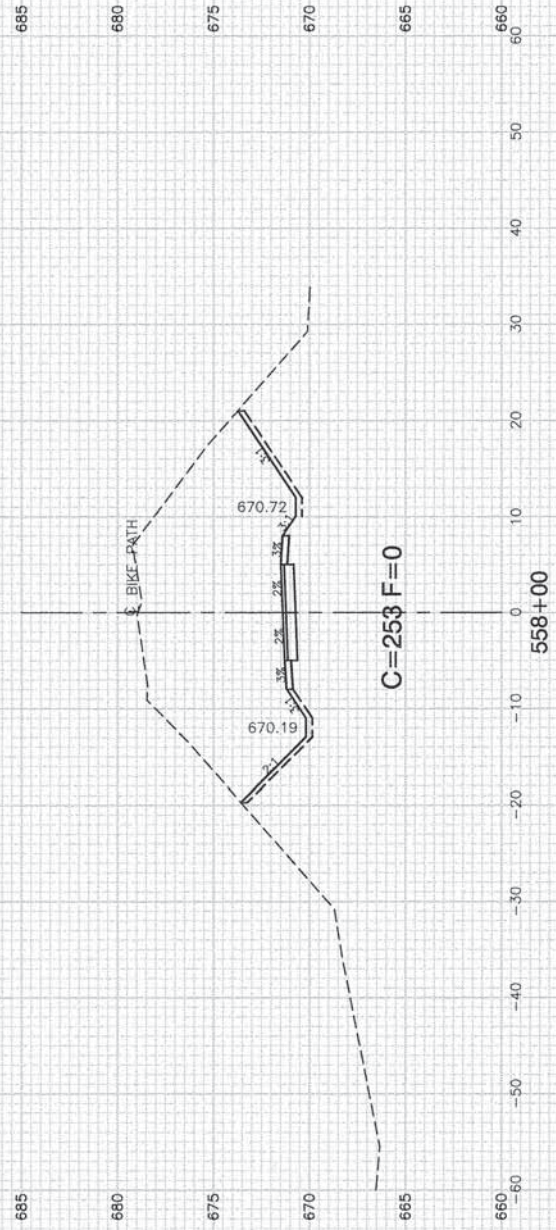
OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5'

SHEET NO. 58 OF 64 SHEETS

STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	58
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				



FILE NAME = 05162\_02-XSCT-01 - IDOT X(31)

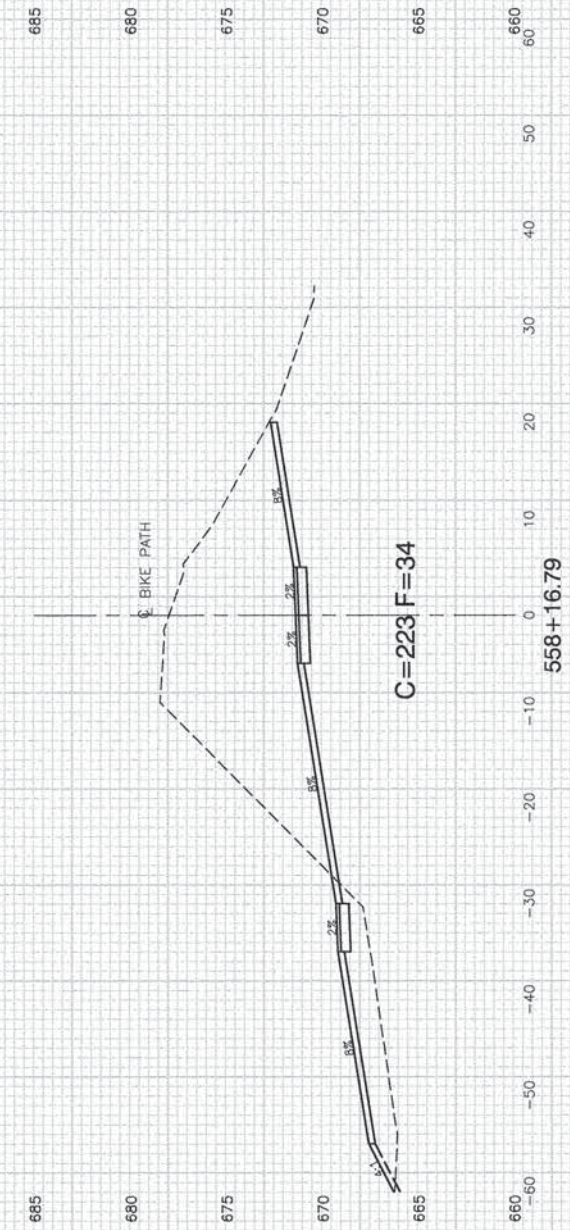
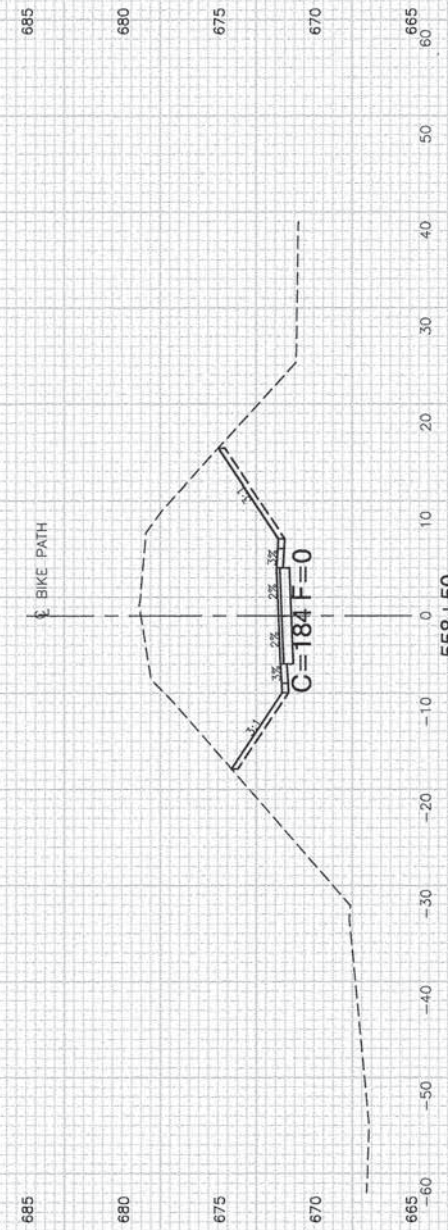
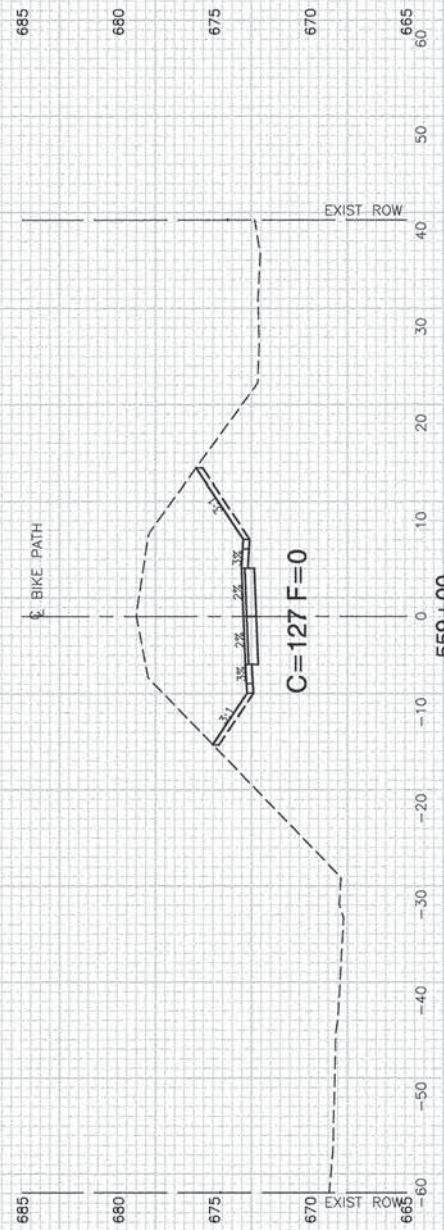
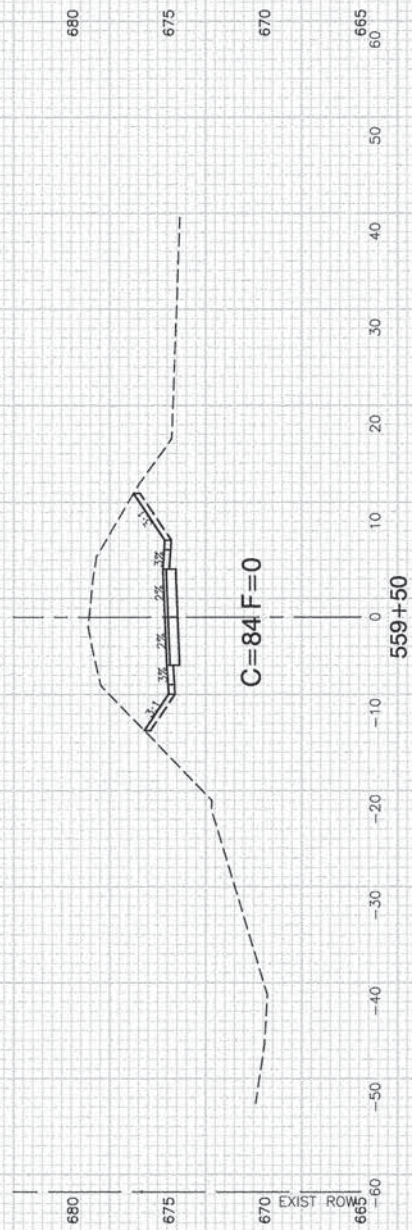
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CHECKED -- JMN	REVISED --	
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 59 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	59
CONTRACT NO. 61B14				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	CMM-8003 (144)	



FILE NAME = 05162\_02-XSCT-01 - IDOT X(32)

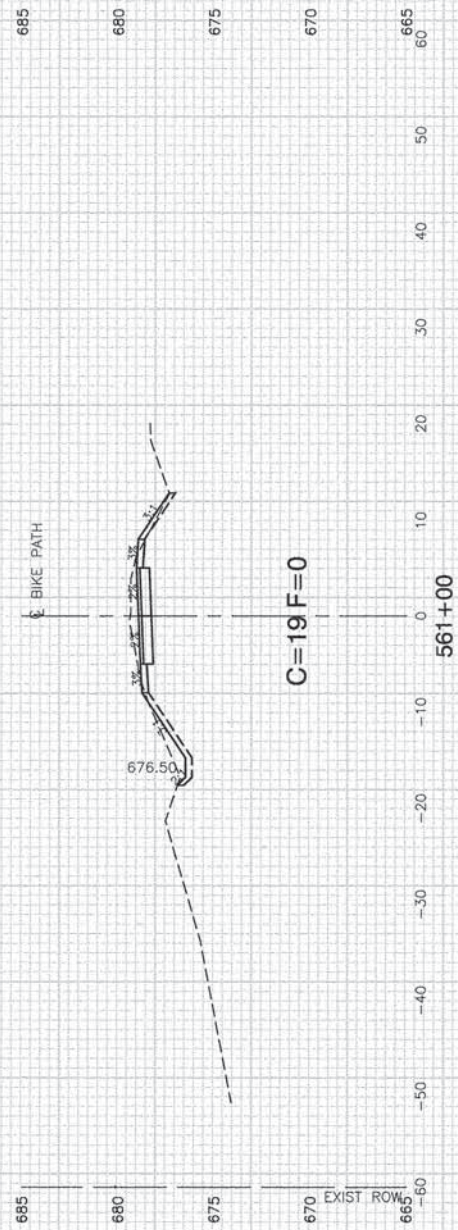
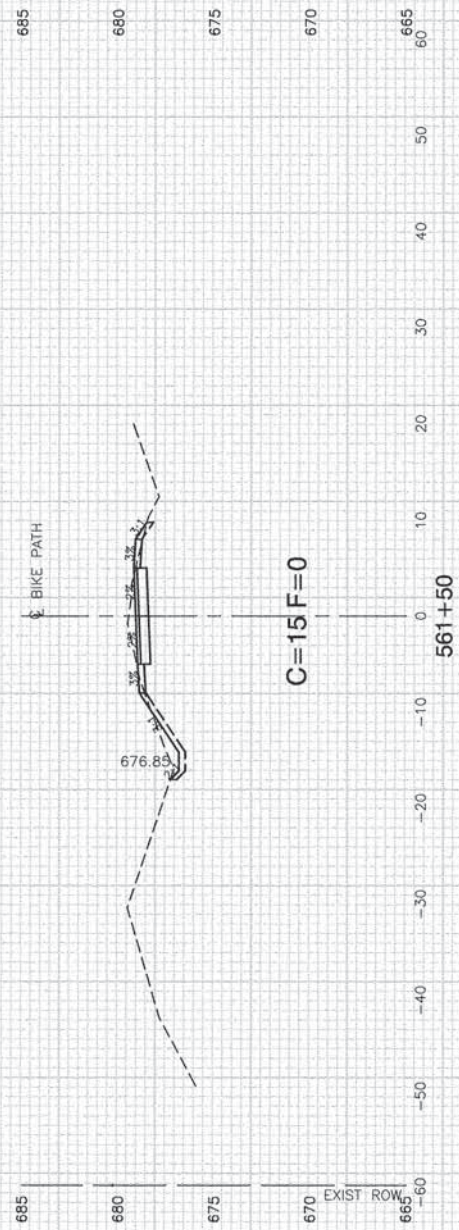
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PLOT SCALE =	CHECKED -- JMN	REVISD --
PLOT DATE = 12-15-14	DRAWN -- MED	REVISD --
	CHECKED -- AG	REVISD --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 60 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	60
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				



FILE NAME = 05182\_02-XSCT-01 - IDOT X(33)

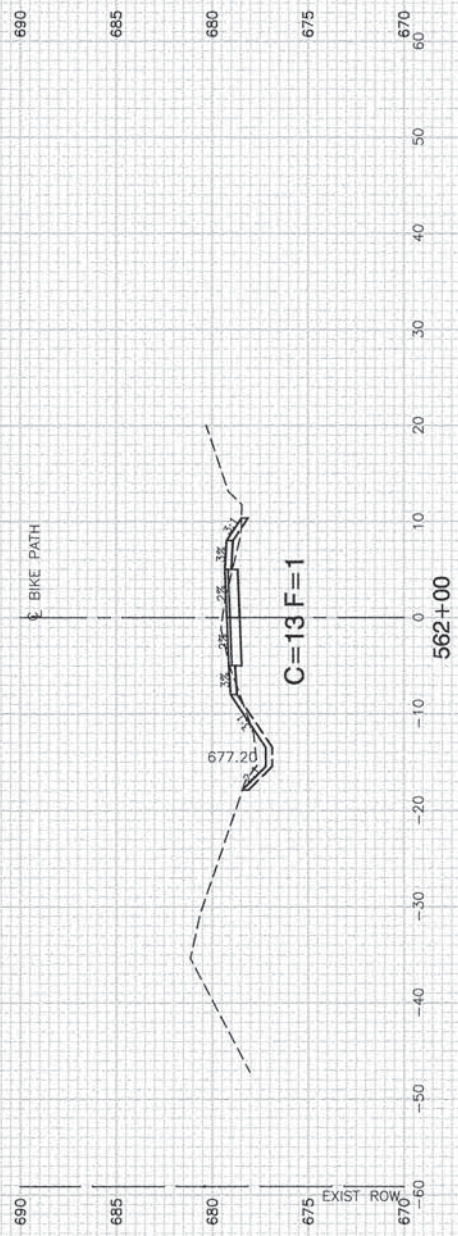
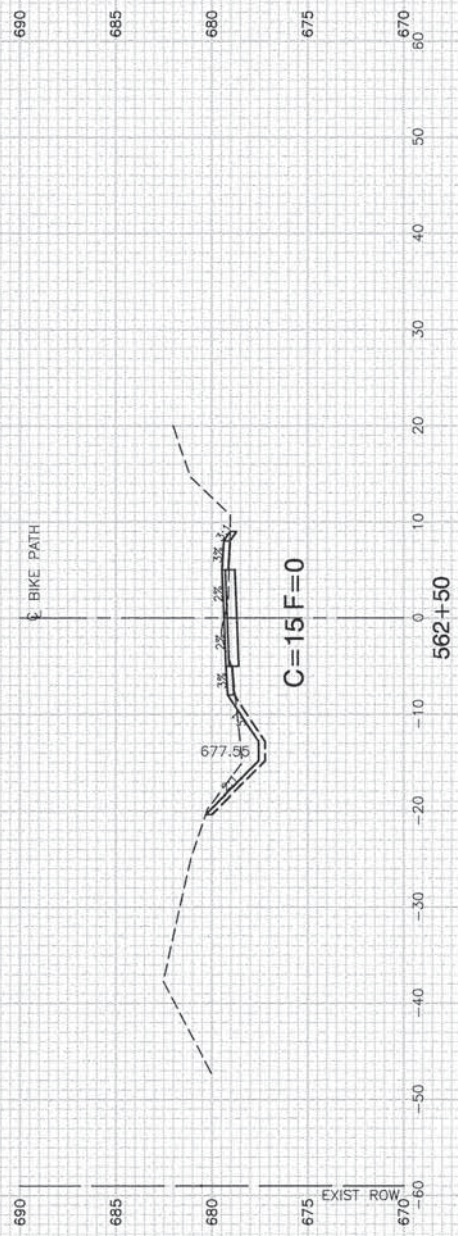
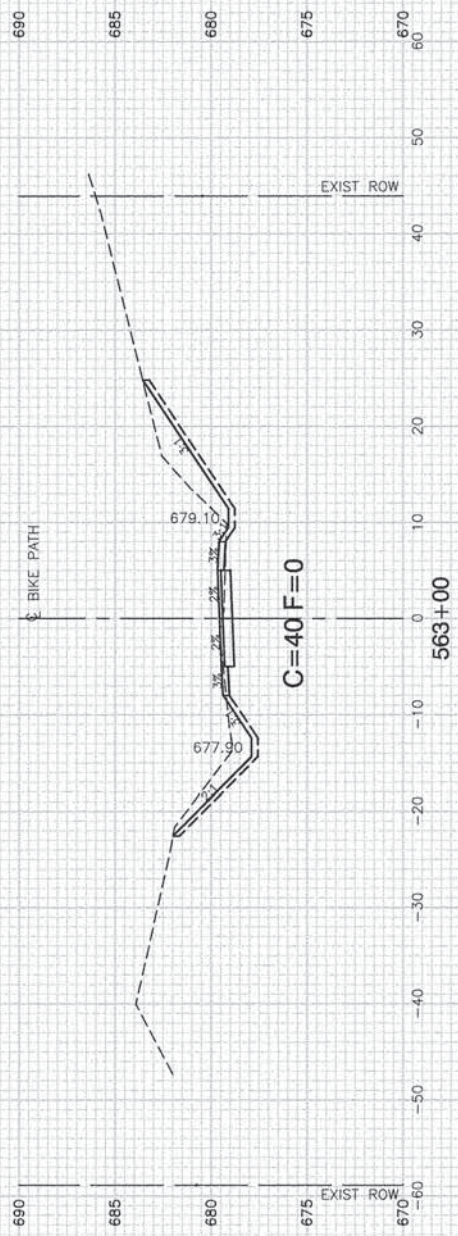
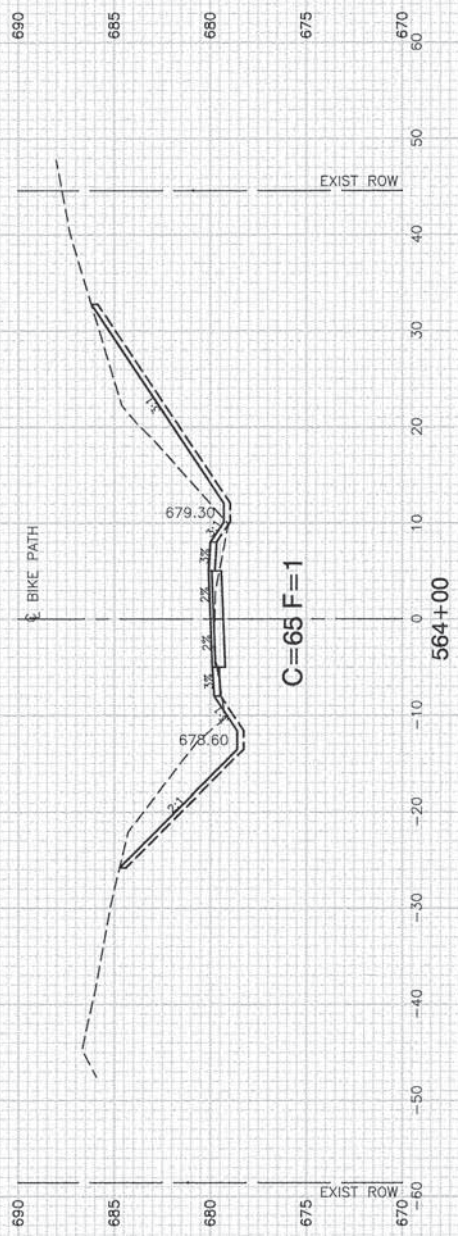
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PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'		SHEET NO. 61 OF 64 SHEETS	STA. 500+00 TO STA. 567+02.27
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OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	61
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CMM-8003 (144)		
		CONTRACT NO. 61B14		



FILE NAME = 05102\_02.XSCT-01 - IDOT X(34)

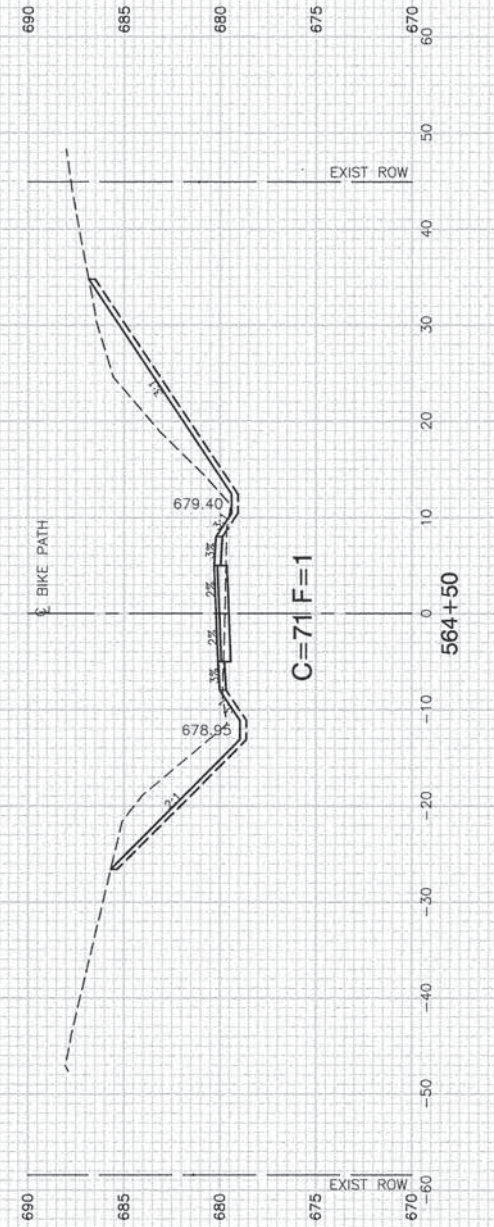
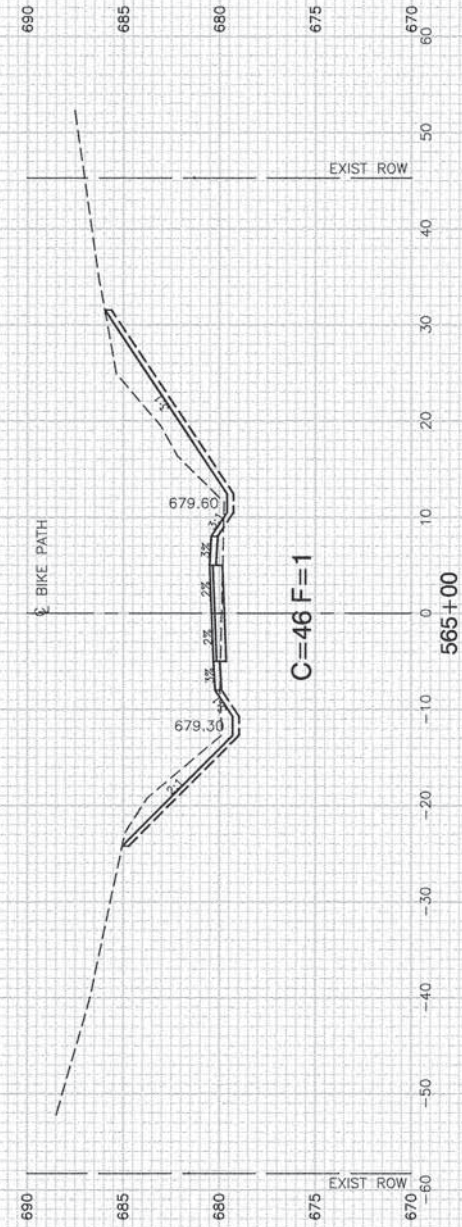
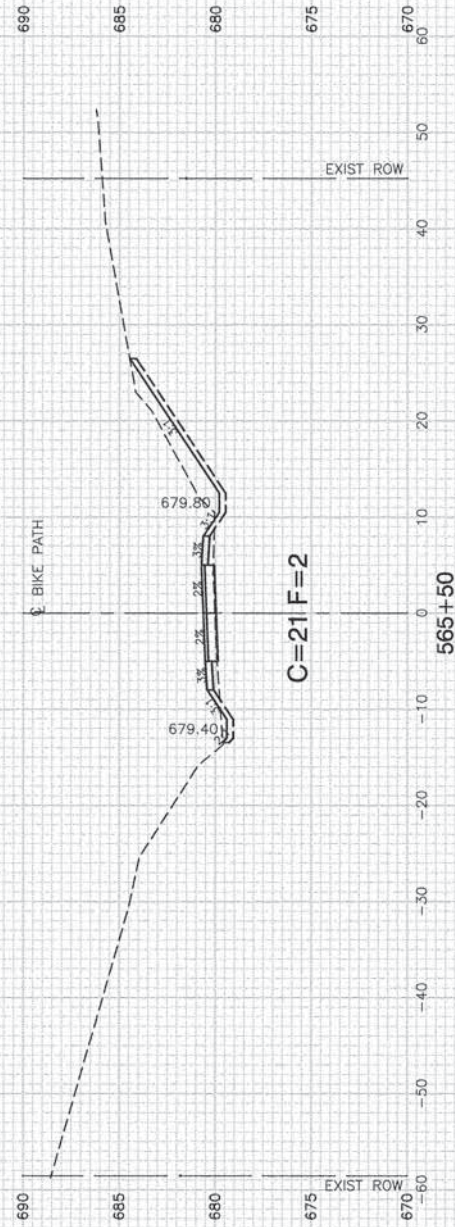
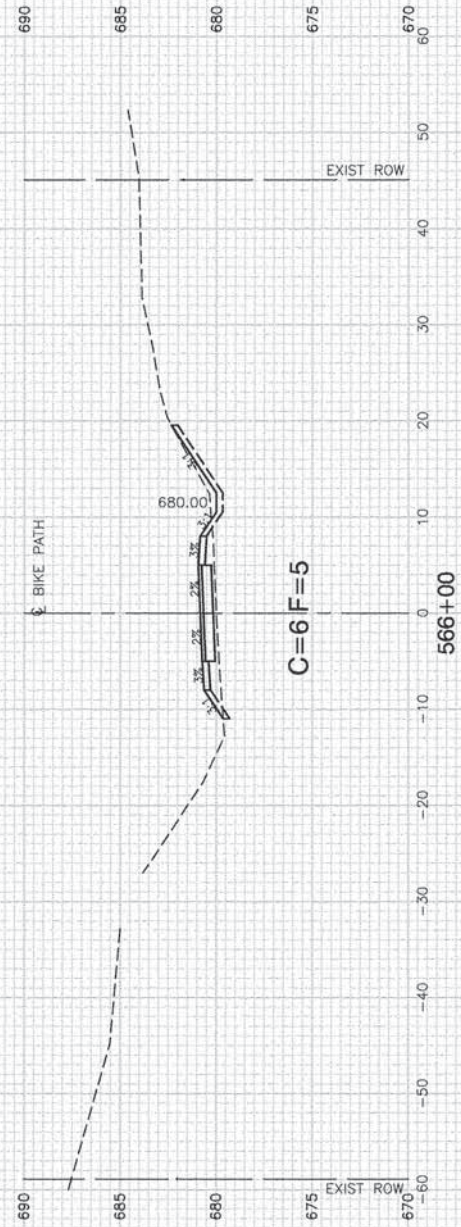
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PLOT SCALE =	CHECKED -- JMN	REVISED --
PLOT DATE = 12-15-14	DRAWN -- MED	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 62 OF 64 SHEETS STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	62
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				



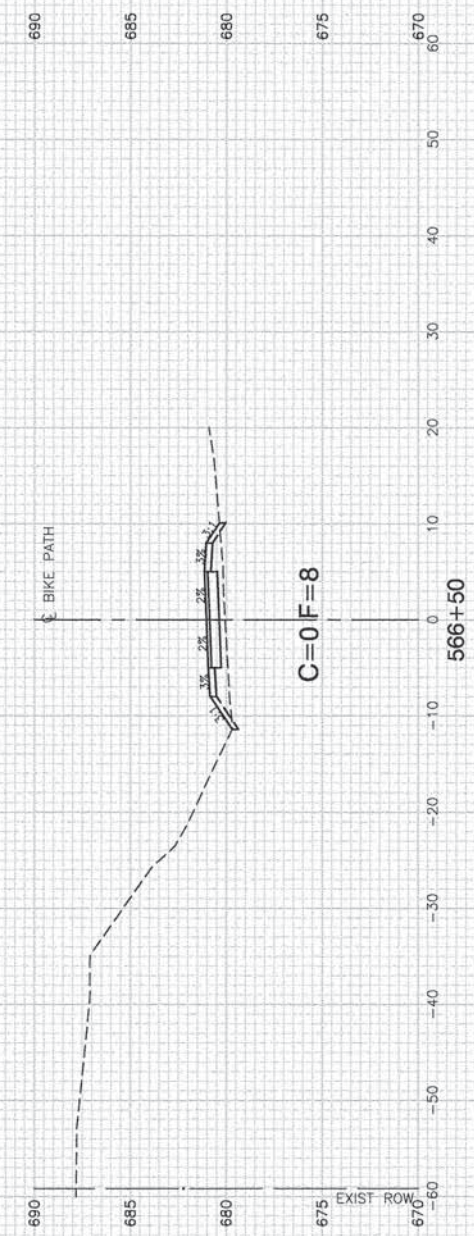
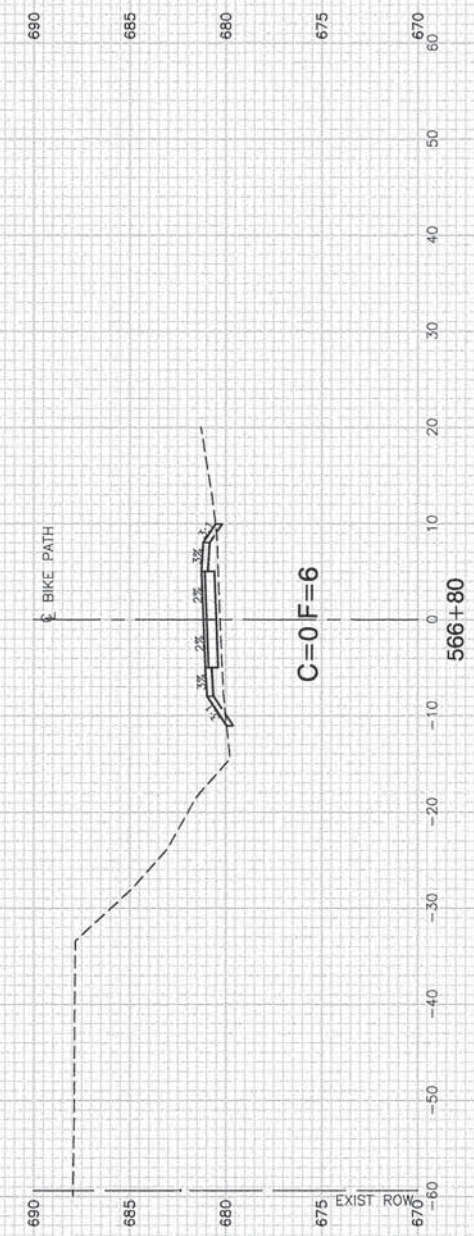
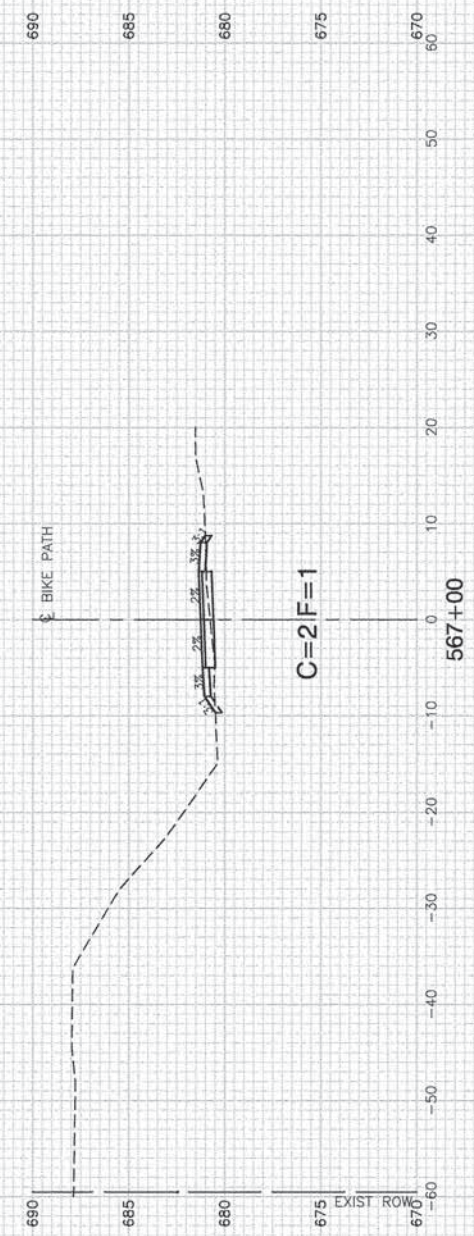
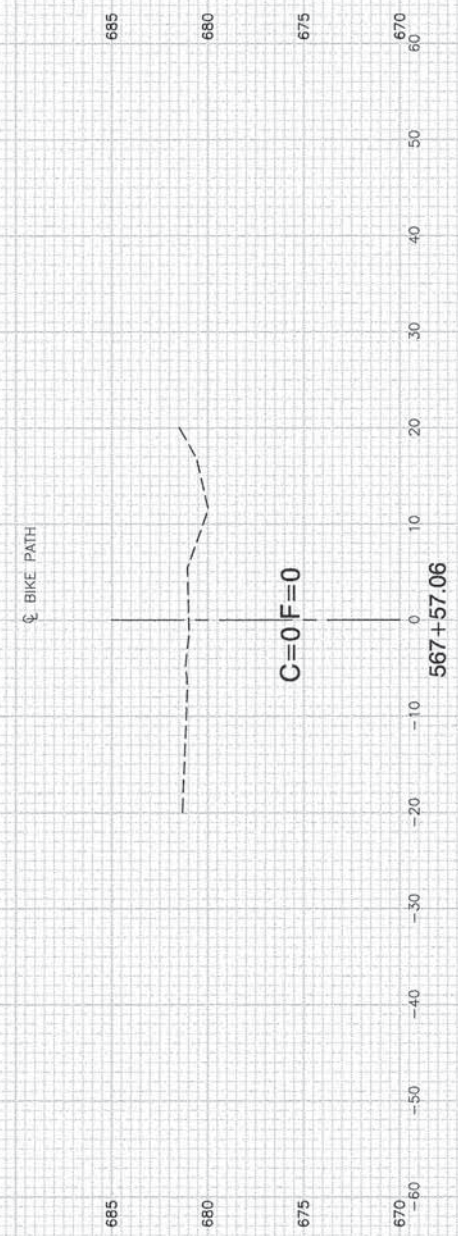
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CHECKED -- JMN	REVISIONS --	
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 12-15-14	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OLD PLANK ROAD TRAIL BIKE PATH EXTENSION CROSS SECTIONS		
SCALE: H 1"=10' V 1"=5'	SHEET NO. 63 OF 64 SHEETS	STA. 500+00 TO STA. 567+02.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	63
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT CMM-8003 (144)	
		CONTRACT NO. 61B14		



FILE NAME = 05162\_02.XSCT-01 - IDOT X(36)

USER NAME =	DESIGNED -- LR	REVISED --
PLOT SCALE =	CHECKED -- JMN	REVISED --
PLOT DATE = 12-15-14	DRAWN -- MED	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=10' V 1"=5'		SHEET NO. 64 OF 64 SHEETS	STA. 500+00 TO STA. 567+02.27
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OLD PLANK ROAD TRAIL  
BIKE PATH EXTENSION  
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01-00207-00-BT	COOK	64	64
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61B14	
FED. AID PROJECT CMM-8003 (144)				