

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	01-P4015-00-BT	WILL	27	1
CONTRACT NO.: 61A76		ILLINOIS	FEDERAL AID PROJECT	
#1 = 28				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF PLAINFIELD

07-31-2015 LETTING ITEM 070

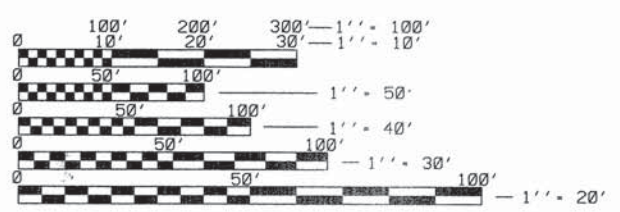
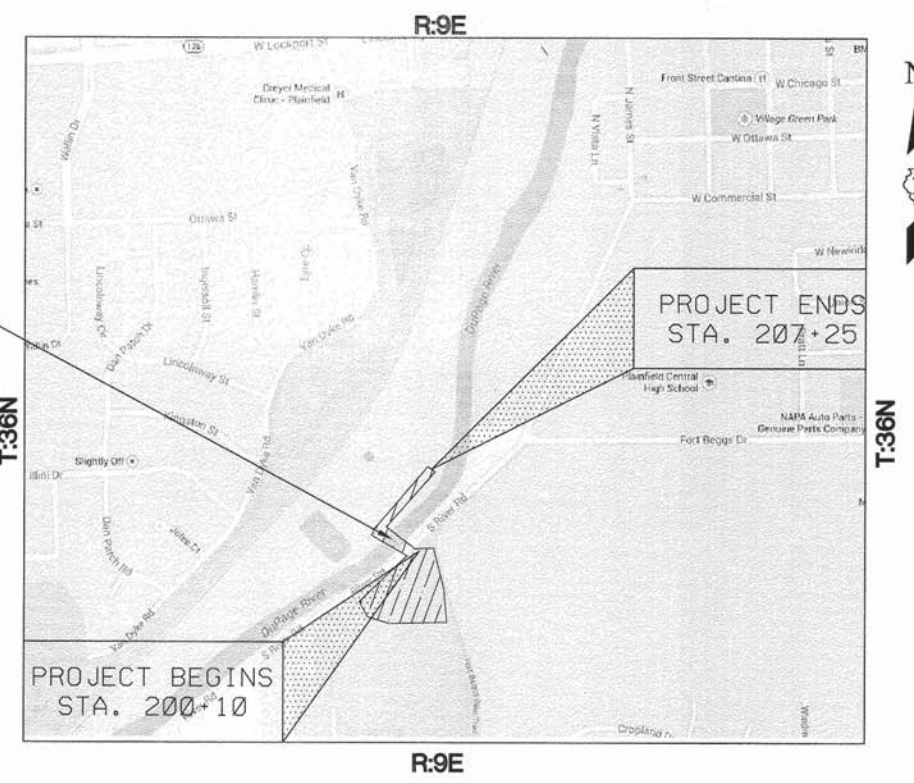
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL-AID HIGHWAY DuPAGE RIVER TRAIL BRIDGE AT RIVER RD.

PROJECT No.: TE-00D1(930)
SECTION No.: 13-P4015-00-BT
JOB No.: C-91-252-13
PLAINFIELD PARK DISTRICT
WILL COUNTY



LOCATION MAP
(NOT TO SCALE)



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

CONTRACT NO. 61A76

PLAINFIELD TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 715 LF (0.14 MILES)
NET LENGTH OF IMPROVEMENT = 715 LF (0.14 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED October 21 2014
Carlo J. Casullo
PLAINFIELD PARK DISTRICT, REPRESENTATIVE


PASSED November 7 2014
C. Holt CHESTER HOLT
DISTRICT 11 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW November 10 2014
John F. Mayer
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



**ENGINEERING
RESOURCE
ASSOCIATES, INC.**
CONSULTING ENGINEERS, SCIENTISTS
& SURVEYORS

38701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
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John F. Mayer, P.E.
IL. P.E. NO. 062-047345
Expires November 30, 2015

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

FEDERAL AID PROGRAM ENGINEER: FAWAD AQEEL, P.E., PTOE (847) 705-4021

C:\Projects\130814 DuPage River Tr\CA00\Cover.dwg Updated by: rtmner 10/7/2014

GENERAL NOTES

- 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).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE WILL COUNTY "COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE" AND THE EROSION & SEDIMENT CONTROL PRACTICES SHALL BE ACCORDING TO THE ILLINOIS URBAN MANUAL (REVISED FEBRUARY 2002)
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO UPLAND DISTURBANCE.
- THE CONTRACTOR WILL PERFORM ALL CONSTRUCTION LAYOUT.
- THE VILLAGE OF PLAINFIELD PROHIBITS THE USE OF RECLAIMED ASPHALT SHINGLES (RAS) IN ASPHALT.
- THE VILLAGE OF PLAINFIELD SPECIFICATIONS AND DETAILS SHALL BE USED THROUGHOUT THE PROJECT. WHERE CONFLICTS ARISE BETWEEN THE VILLAGE AND PLAN SPECIFICATIONS THE MORE STRINGENT SPECIFICATION OR DETAIL SHALL TAKE PRECEDENCE.

TREE REMOVAL CLEARING HEDGE REMOVAL

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED AND PAID FOR UNDER THE PROVISIONS OF ARTICLE 201.05, TEMPORARY FENCE.

ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.

OVERHANGING LIMBS

LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED TREE EXPERT AS STATED IN THESE SPECIAL PROVISIONS AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.

ALL CUTS OVER 1 INCH IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH.

ALL LIMBS, BRANCHES AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.

THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF TREE REMOVAL OR TREE PRUNING.

TOPSOIL

TOPSOIL SHALL BE PLACED TO A DEPTH OF 6 INCHES UNLESS OTHERWISE SPECIFIED ON THE PLANS. THIS COST SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

PATH EXCAVATION

ALL EXISTING GRANULAR AND BITUMINOUS MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING BITUMINOUS MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE BITUMINOUS MATERIAL IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. BITUMINOUS MATERIAL REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO BITUMINOUS MATERIAL SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ACCESS.

THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH ANY TRACKED EQUIPMENT.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUBBASE GRANULAR MATERIAL. ALL EMBANKMENT AND SUBGRADE SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 205 (EMBANKMENT) AND SECTION 300 (SUBGRADES, SUBBASES AND BASE COURSES) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012, AS WELL AS TO THE SPECIFICATION OF THE ENGINEER.

THERE MAY BE AREAS INVOLVING DRAINAGE DITCHES, CULVERT ENTRANCES AND EXITS, AND DEPRESSIONAL PONDED AREAS THAT MAY HAVE DEPOSITS OF UNSUITABLE OR UNSTABLE MATERIAL. THESE AREAS MUST BE PUMPED DRY OF ANY WATER AND ALL UNSUITABLE/UNSTABLE MATERIAL REMOVED BEFORE ANY EMBANKMENT MATERIAL IS PLACED.

STORM SEWERS STRUCTURES UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR PROTECTION OF THE UTILITY INVOLVED.

THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY.

EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWERS.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER; THIS WORK WILL BE PAID AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04.

HOT-MIX ASPHALT AND HOT-MIX ASPHALT BASE COURSE

HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AGGREGATE BASE COURSE AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT ALL EXISTING PAVED SURFACES. SAWCUT CONSTRUCTION JOINTS SHALL ALSO BE PROVIDED AT THE BEGINNING AND END OF THE PROJECT. THE COST SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE.

THE MAXIMUM COMPACTED THICKNESS OF A LIFT OF BASE COURSE WILL BE 6 INCHES UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

BASE COURSE SHALL NOT BE PLACED ADJACENT TO ALL CONCRETE WORK UNTIL THE CONCRETE WORK HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

THE UNIT PRICES FOR ITEMS USED TO CONSTRUCT TEMPORARY ACCESS ROADS SHALL INCLUDE ALL LABOR AND MATERIAL REQUIRED TO PLACE, REMOVE AND DISPOSE OF THE TEMPORARY PAVEMENT OR ACCESS ROAD.

TRENCH BACKFILL

WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

☐ - DENOTES INCIDENTAL WORK ITEMS

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
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3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS & LEGEND
5	ALIGNMENT, TIES, & BENCHMARKS
6	MAINTENANCE OF TRAFFIC PLAN
7-8	PATH PLAN & PROFILES
9	RIVER ROAD PLAN & PROFILE
10	EROSION & SEDIMENT CONTROL PLAN
11	COMPENSATORY STORAGE BASIN
12	PAVEMENT MARKING DETAIL
13-15	PRELIMINARY BRIDGE DETAILS
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IDOT HIGHWAY STANDARDS

STANDARD 000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
STANDARD 280001-07	TEMPORARY EROSION CONTROL SYSTEMS
STANDARD 542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
STANDARD 602001-02	CATCH BASIN, TYPE A
STANDARD 604036-03	GRATE, TYPE 8
STANDARD 701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
STANDARD 701901-04	TRAFFIC CONTROL DEVICES
STANDARD 729001-01	APPLICATIONS OF TYPES A & B METAL POSTS
STANDARD 701001-02	OFF-ROAD OPERATIONS: 2L 2W, 15 FT. FROM PAVEMENT EDGE
STANDARD 701006-05	OFF-ROAD OPERATIONS: 2L 2W, MORE THAN 15 FT. AWAY
STANDARD 701501-06	LANE CLOSURE, URBAN: 2L, 2W, UNDIVIDED
STANDARD 701801-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, SIDEWALK, CORNER OR CROSSWALK CLOSURE
STANDARD 701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
STANDARD 720006-04	SHOULDER, SIGN PANEL, ERECTION DETAILS
STANDARD 720001-01	SHOULDER, SIGN PANEL, MOUNTING DETAILS
STANDARD 720011-01	POSTS, METAL, FOR SIGNS, MARKERS AND DELINEATORS
STANDARD 729001-01	POSTS, METAL, APPLICATIONS FOR TYPE A AND B



USER NAME =	DESIGNED - JR	REVISED - ---
	DRAWN - AJ	REVISED - ---
PLOT SCALE =	CHECKED - JFM	REVISED - ---
PLOT DATE =	DATE - OCTOBER 2014	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS
AND HIGHWAY STANDARDS

SCALE: SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	I3-P4015-00-BT	WILL	27	2
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

Code Number	Item	Unit of Measure	Quantity
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	364
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	220
20101000	TEMPORARY FENCE	FOOT	1400
20101700	SUPPLEMENTAL WATERING	UNIT	107
20200100	EARTH EXCAVATION	CU YD	3383
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	438
20400800	FURNISHED EXCAVATION	CU YD	675
20800150	TRENCH BACKFILL	CU YD	6
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	652
21101625	TOPSOIL FURNISH AND PLACE 6"	SQ YD	2725
Δ 25000200	SEEDING, CLASS 2	ACRE	2.25
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	204
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	204
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	204
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	10895
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000400	PERIMETER EROSION BARRIER	FOOT	2880
28100107	STONE RIPRAP, CLASS A4	SQ YD	69
28200200	FILTER FABRIC	SQ YD	69
35101400	AGGREGATE BASE COURSE, TYPE B	TON	165
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	35
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	655
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3207
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	60
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	360
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	TON	172
42001300	PROTECTIVE COAT	SQ YD	69
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	300
42400800	DETECTABLE WARNINGS	SQ FT	40
48101200	AGGREGATE SHOULDERS, TYPE B	TON	98
50200100	STRUCTURE EXCAVATION	CU YD	60.1
50300225	CONCRETE STRUCTURES	CU YD	50
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5630
51201400	FURNISHING STEEL PILES HP10X42	FOOT	56
51202305	DRIVING PILES	FOOT	56
51203400	TEST PILE STEEL HP10X42	EACH	2
51204650	PILE SHOES	EACH	6
51500100	NAME PLATES	EACH	1
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	250
60200805	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	50.2
72900100	METAL POST - TYPE A	FOOT	68
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	95
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	43
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	105
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	227
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	10
Δ A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14
Δ A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14
Δ A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	438
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2128
X0350805	FOLD DOWN BOLLARDS	EACH	2
XX001472	WOOD BOLLARD	EACH	9
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	350
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Δ Z0077900	WOOD POST AND RAIL FENCE	FOOT	122

Δ SPECIALTY ITEMS



ENGINEERING RESOURCE ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = rtonner
FILE NAME = H:\Projects\130814.00 DuPage River Tr & Bridge at River Rd\CA05\General Notes.dwg
PLOT SCALE =
PLOT DATE = 6/18/2015

DESIGNED - JR
DRAWN - AJ
CHECKED - JFM
DATE - OCTOBER 2014

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	I3-P4015-00-BT	WILL	27	3
CONTRACT NO. 6IA76				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

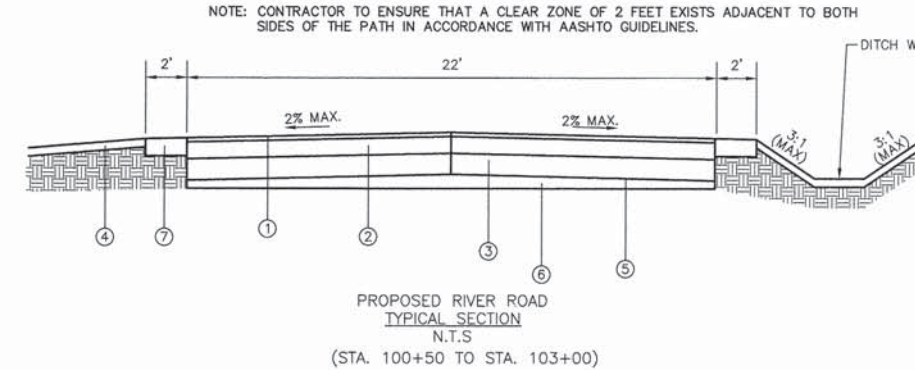
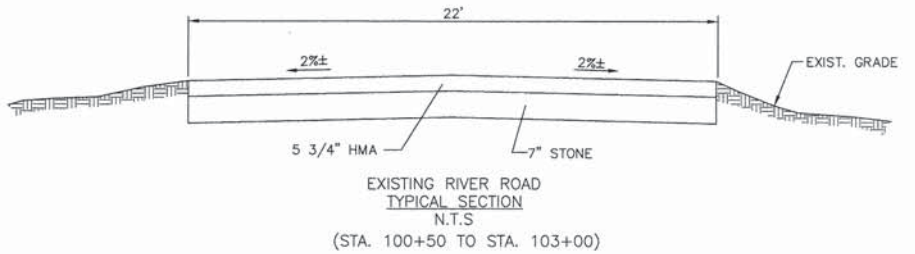
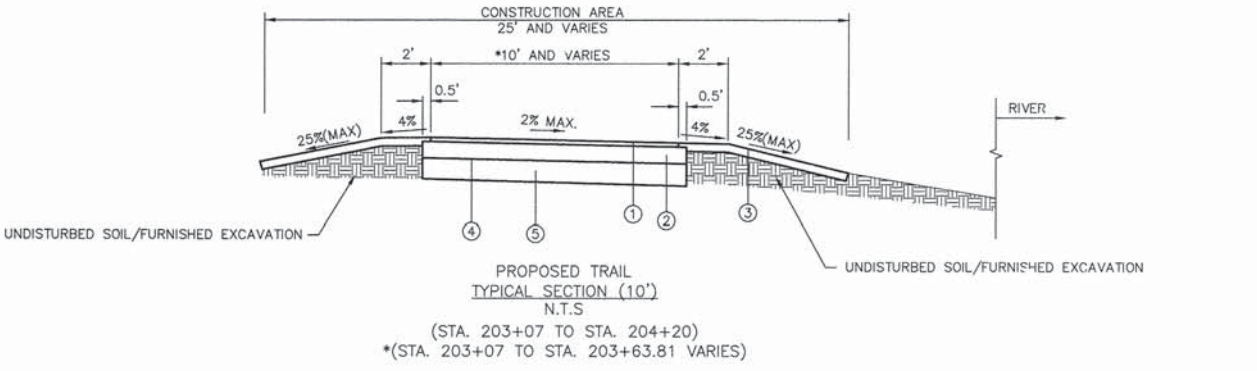
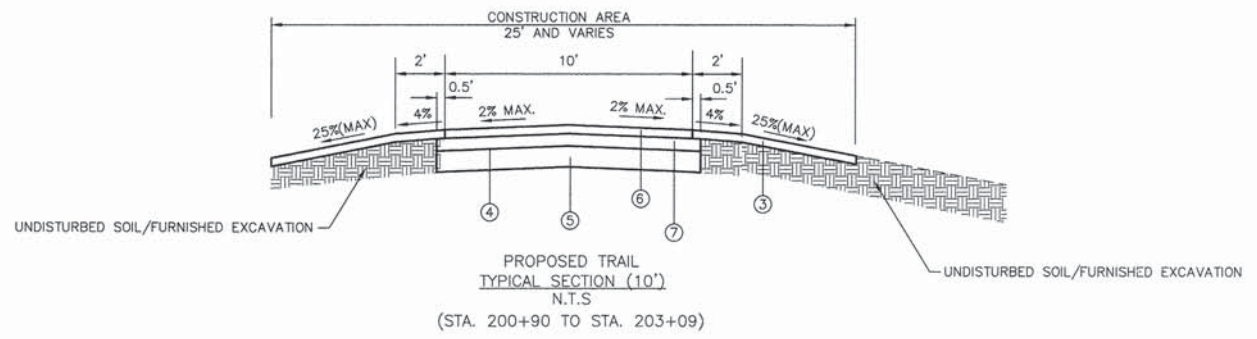
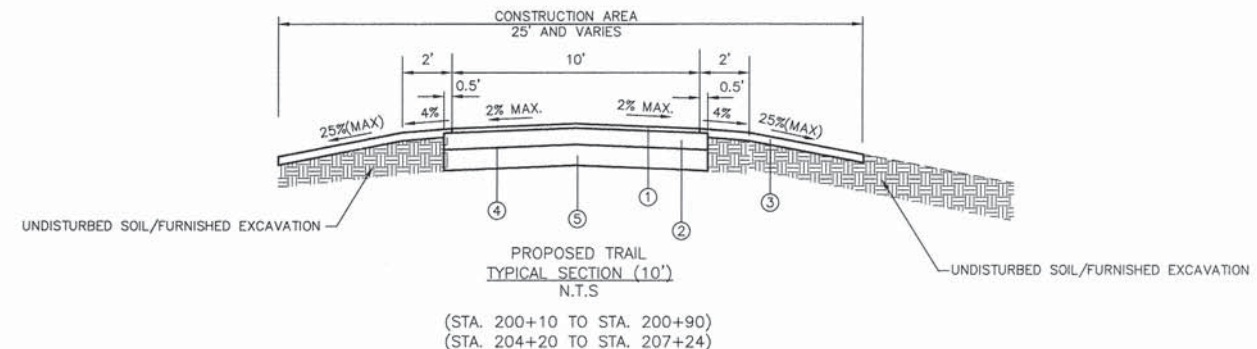
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DATE	
BY	
REVIEWED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK	
NO.	

ENGINEERING RESOURCE ASSOC., INC.
CONSULTING ENGINEERS, SURVEYORS & SURVEYORS
38701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060 FAX (630) 393-2152



FILE NAME =	USER NAME = rtanner	DESIGNED -	REVISED - 5-18-2015
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		CHECKED -	REVISED -
		DATE -	REVISED -



- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ② AGGREGATE BASE COURSE, TYPE B, 8"
- ③ TOPSOIL, 6" (FURNISH AND PLACE)
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.
- ⑤ REMOVAL OF UNSUITABLE MATERIAL. REPLACE WITH PGE (AS DIRECTED BY ENGINEER.)
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
- ⑦ AGGREGATE BASE COURSE, TYPE B, 4"

LEGEND	
EXISTING	PROPOSED
CURB & GUTTER	
WATER	
GAS	
SANITARY SEWER	
STORM SEWER	
MANHOLE	
CATCH BASIN	
INLET	
VALVE VAULT	
VALVE & BOX	
BUFFALO BOX	
GAS VALVE	
HYDRANT	
HANDICAPPED RAMP	
FILL STRUCTURE	
ADJUST STRUCTURE	
TREE	
TREE REMOVAL	
ELEVATION	
CONTOUR	
EDGE OF WATER	
LIMITS OF CONSTRUCTION	
R.O.W.	
FENCE	
DOUBLE ROW SILT FENCE	
FLOW	
WETLAND FLAG	
RIP RAP	
PROPOSED PATH	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX-ASPHALT SURFACE COURSE, MIX "D", N50 ; 2" (IL 9.5 MM)	4% @ 50 Gyr.
HOT-MIX-ASPHALT BINDER COURSE, IL190, N50 ; 2" (IL 9.5 MM)	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD./IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

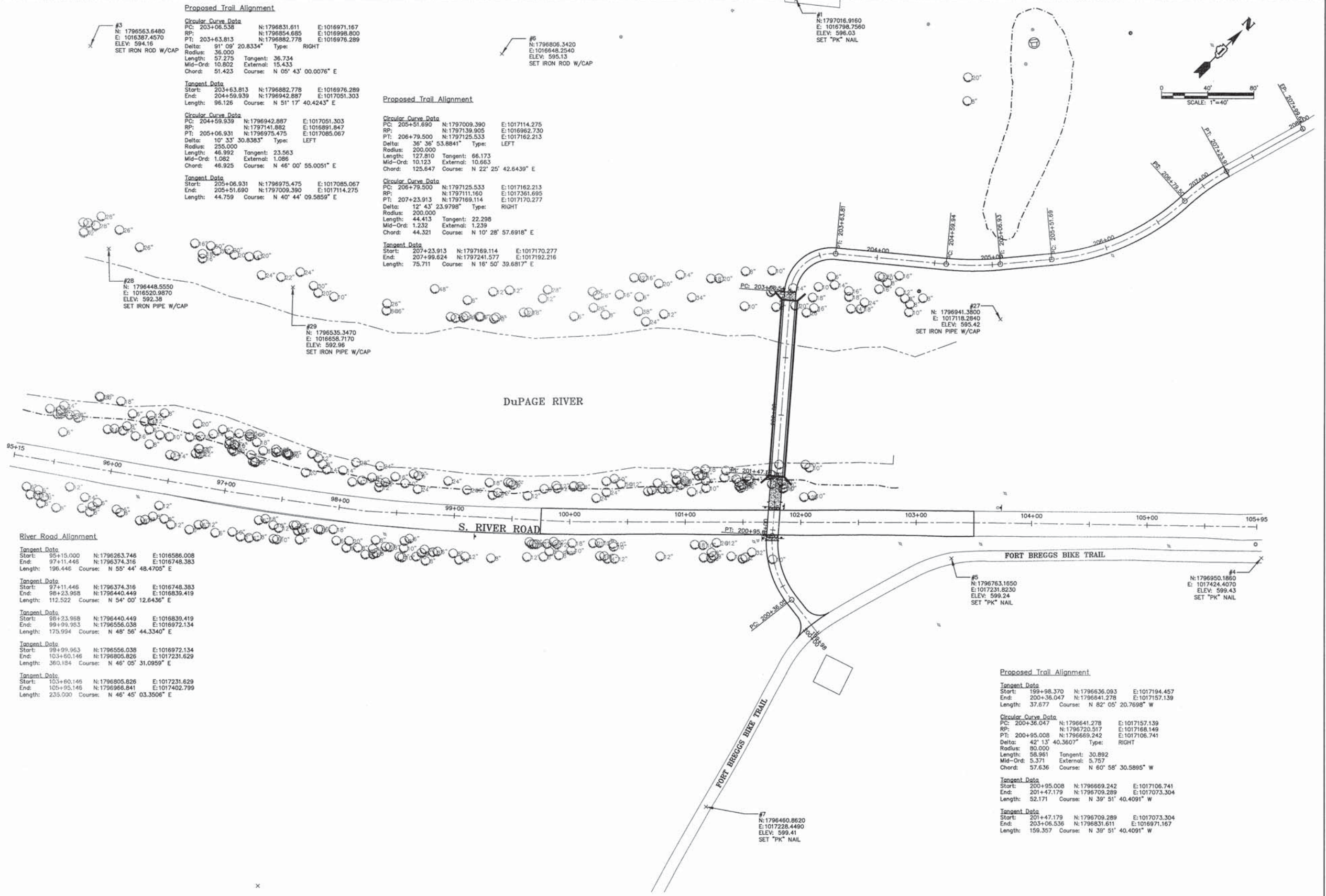
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS AND LEGEND
SCALE: N.T.S. SHEET NO. 27 OF 27 SHEETS STA. 100+00 TO STA. 103+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	I3-P45015-00-BT	WILL	27	4
CONTRACT NO. 61A76				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISIONS	
	NO. OF WAYS CHECKED	
	NO. STRUCTURE NOTATIONS CHD	



Proposed Trail Alignment

Circular Curve Data
 PC: 203+06.538 N:1796831.611 E:1016971.167
 RP: 203+63.813 N:1796854.685 E:1016998.800
 PT: 203+63.813 N:1796852.778 E:1016976.289
 Delta: 91° 00' 20.8334" Type: RIGHT
 Radius: 36.000
 Length: 57.275 Tangent: 36.734
 Mid-Ord: 10.802 External: 15.433
 Chord: 51.423 Course: N 05° 43' 00.0076" E

Tangent Data
 Start: 203+63.813 N:1796882.778 E:1016976.289
 End: 204+59.939 N:1796942.887 E:1017051.303
 Length: 96.126 Course: N 51° 17' 40.4243" E

Proposed Trail Alignment

Circular Curve Data
 PC: 204+59.939 N:1796942.887 E:1017051.303
 RP: 205+06.931 N:1797141.882 E:1016891.847
 PT: 205+06.931 N:1796975.475 E:1017085.067
 Delta: 10° 33' 30.8383" Type: LEFT
 Radius: 250.000
 Length: 46.992 Tangent: 23.563
 Mid-Ord: 1.082 External: 1.086
 Chord: 46.925 Course: N 46° 00' 55.0051" E

Tangent Data
 Start: 205+06.931 N:1796975.475 E:1017085.067
 End: 205+51.690 N:1797009.390 E:1017114.275
 Length: 44.759 Course: N 40° 44' 09.5859" E

Proposed Trail Alignment

Circular Curve Data
 PC: 205+51.690 N:1797009.390 E:1017114.275
 RP: 206+79.500 N:1797139.905 E:1016962.730
 PT: 206+79.500 N:1797125.533 E:1017162.213
 Delta: 35° 36' 53.8841" Type: LEFT
 Radius: 200.000
 Length: 127.810 Tangent: 66.173
 Mid-Ord: 10.123 External: 10.663
 Chord: 125.647 Course: N 22° 25' 42.6439" E

Tangent Data
 Start: 207+23.913 N:1797169.114 E:1017170.277
 End: 207+95.624 N:1797241.577 E:1017192.216
 Length: 75.711 Course: N 16° 50' 39.6817" E

River Road Alignment

Tangent Data
 Start: 95+15.000 N:1796263.746 E:1016596.008
 End: 97+11.446 N:1796374.316 E:1016748.383
 Length: 196.446 Course: N 55° 44' 48.4705" E

Tangent Data
 Start: 97+11.446 N:1796374.316 E:1016748.383
 End: 98+23.958 N:1796440.449 E:1016839.419
 Length: 112.522 Course: N 54° 00' 12.6436" E

Tangent Data
 Start: 98+23.958 N:1796440.449 E:1016839.419
 End: 99+39.963 N:1796556.038 E:1016972.134
 Length: 175.994 Course: N 48° 56' 44.3340" E

Tangent Data
 Start: 99+39.963 N:1796556.038 E:1016972.134
 End: 103+80.146 N:1796805.826 E:1017231.629
 Length: 360.184 Course: N 46° 05' 31.0959" E

Tangent Data
 Start: 103+80.146 N:1796805.826 E:1017231.629
 End: 105+95.146 N:1796968.841 E:1017402.799
 Length: 225.000 Course: N 46° 45' 03.3506" E

Proposed Trail Alignment

Tangent Data
 Start: 199+98.370 N:1796636.093 E:1017194.457
 End: 200+36.047 N:1796841.278 E:1017157.139
 Length: 37.677 Course: N 82° 05' 20.7698" W

Circular Curve Data
 PC: 200+36.047 N:1796641.278 E:1017157.139
 RP: 200+95.008 N:1796720.517 E:1017168.149
 PT: 200+95.008 N:1796669.242 E:1017106.741
 Delta: 42° 13' 40.3607" Type: RIGHT
 Radius: 80.000
 Length: 58.961 Tangent: 30.892
 Mid-Ord: 5.371 External: 5.757
 Chord: 57.636 Course: N 60° 58' 30.5895" W

Tangent Data
 Start: 200+95.008 N:1796669.242 E:1017106.741
 End: 201+47.179 N:1796709.289 E:1017073.304
 Length: 52.171 Course: N 39° 51' 40.4091" W

Tangent Data
 Start: 201+47.179 N:1796709.289 E:1017073.304
 End: 203+06.536 N:1796831.611 E:1016971.167
 Length: 159.357 Course: N 39° 51' 40.4091" W



ENGINEERING RESOURCE ASSOCIATES, INC.	USER NAME = rlonner	DESIGNED --	REVISED --
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	FILE NAME = C:\Projects\130814 DuPage River\130814.dwg	DRAWN --	REVISED --
	PLOT SCALE = @SCALE@	CHECKED --	REVISED --
	PLOT DATE = 10/3/2014	DATE -- June, 2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

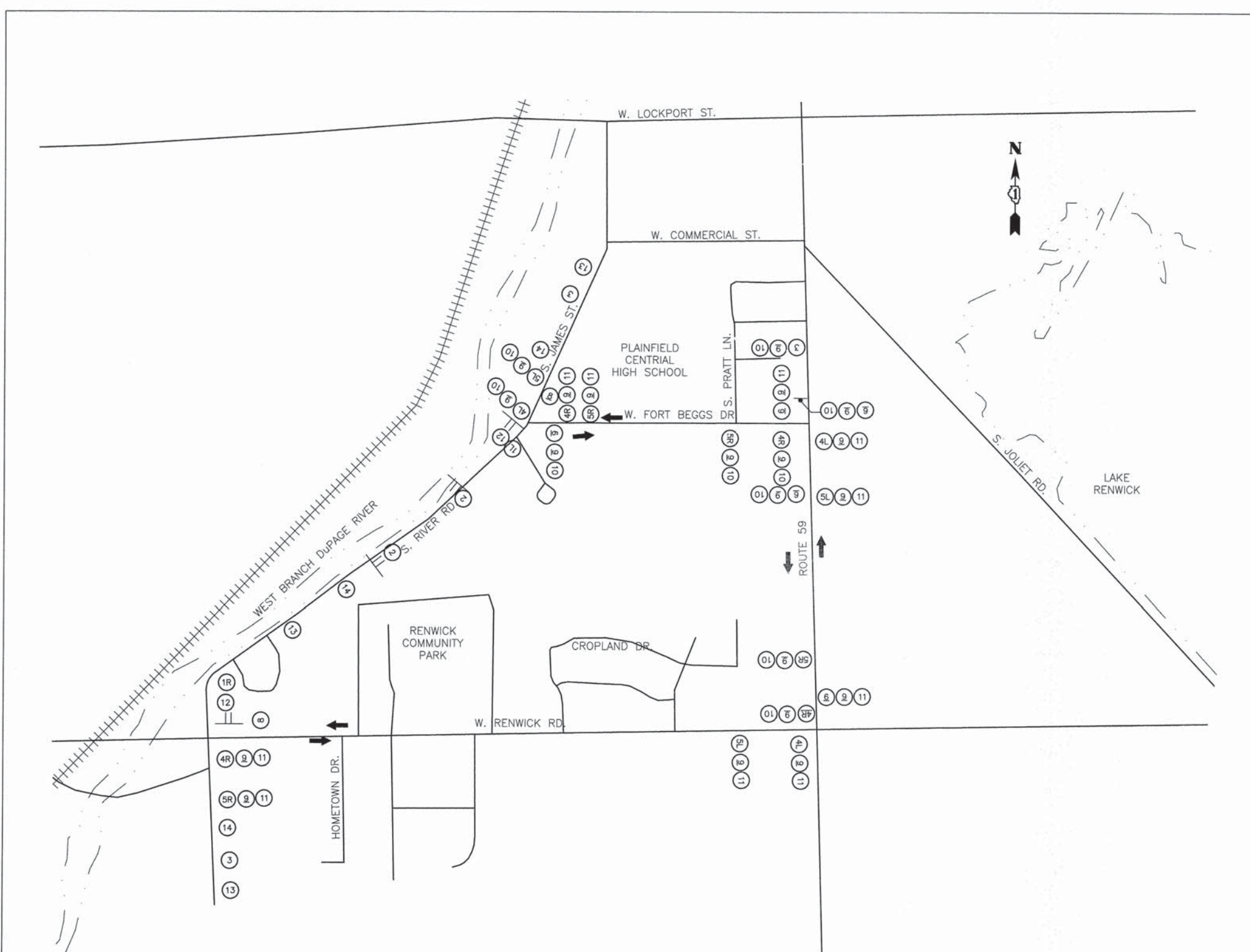
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=40' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P45015-00-BT	WILL	27	5
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

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

DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
ROAD FILE NAME	
NO.	
PROFILE	
NOTE BOOK	



TYPE III BARRICADE WITH FLASHERS AS MANY AS DIRECTED BY ENGINEER

1 R/L DETOUR B/O M4-10 48"x18"

2 ROAD CLOSED R11-2 (48"x30") B/W

3 DETOUR AHEAD W20-2 (48"x48") B/O

4 R/L DETOUR B/O M4-9 30"x24"

5 R/L DETOUR B/O M4-9 30"x24"

6 DETOUR B/O M4-9 30"x24"

7 ROAD CONSTRUCTION AHEAD B/O W20-1103 48"x48"

8 END DETOUR M4-8a 24"x18" B/O

9 River Rd. B/O (6" BLACK LETTERS) 30"x12"

10 SOUTH M3-3 B/O 24"x12"

11 NORTH M3-1 B/O 24"x12"

12 ROAD CLOSED TO THRU TRAFFIC B/W R11-4 60"x30"

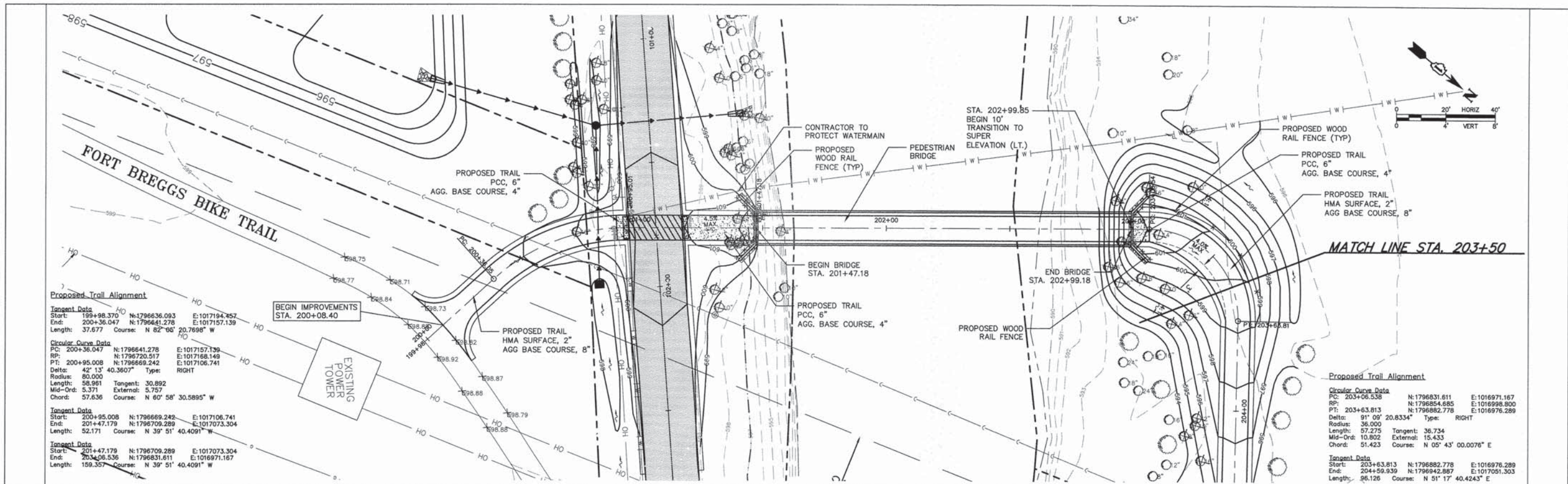
13 ROAD CLOSED AHEAD B/O W20-3 48"x48"

14 ROAD CLOSED 500 FT B/O W20-3 48"x48"

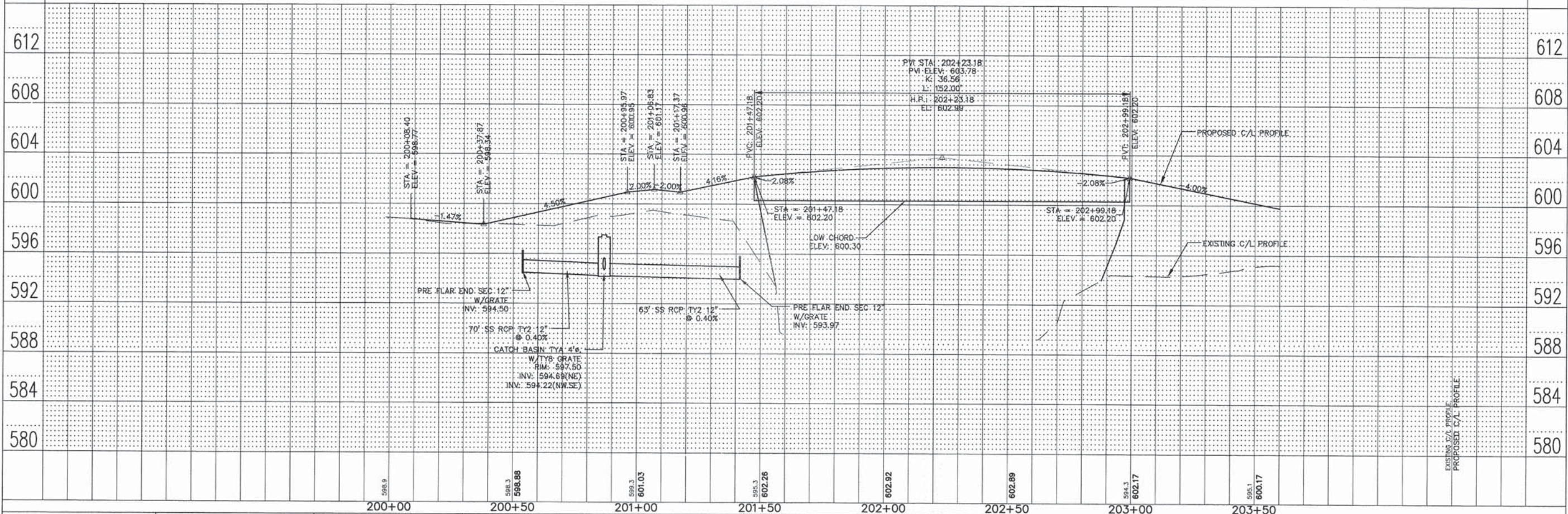
- NOTES:
- MULTIPLE SIGNS AT ANY ONE LOCATION SHALL BE MOUNTED ON A COMMON POST OR STRUCTURE WHEN POSSIBLE.
 - ALL DETOUR SIGNS SHALL BE POST-MOUNTED IN THE GROUND A MINIMUM OF 7 FEET ABOVE THE EXISTING PAVEMENT SURFACE.
 - B/O = BLACK LEGEND ON ORANGE BACKGROUND, B/W = BLACK LEGEND ON WHITE BACKGROUND.
 - SIGN SPACING MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
 - L/R INDICATES LEFT OR RIGHT.
 - WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY AGGREGATE CROSSINGS ACROSS UTILITY TRENCHES AND DRIVEWAY APRONS FOR ACCESS BY LOCAL RESIDENTS AND EMERGENCY VEHICLES. (TEMPORARY AGGREGATE).
 - SIGNAGE SHOWN IS A SUGGESTED MINIMUM. VILLAGE HAS THE RIGHT TO REQUEST ADDITIONAL SIGNAGE WITH NO ADDITIONAL COMPENSATION FOR CONTRACTOR.
 - ADVANCE SIGNAGE REGARDING THE CLOSURE AND DETOUR ROUTE SHALL BE POSTED A MINIMUM OF TWO WEEKS PRIOR TO THE CLOSURE OF RIVER ROAD.
 - THE CLOSURE OF RIVER ROAD SHALL BE COORDINATED WITH THE VILLAGE OF PLAINFIELD, PLAINFIELD SCHOOL DISTRICT 202 AND THE FIELD SUPERVISOR FOR THE U.S. ROUTE 30 ROADWAY RECONSTRUCTION PROJECT.
 - ALL DETOUR SIGNS SHALL REMAIN IN PLACE UNTIL PAVEMENT RECONSTRUCTION ON RIVER RD. HAS BEEN COMPLETED.
 - THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, A MINIMUM OF 72 HOURS IN ADVANCE OF THE IMPLEMENTATION OF THE DETOUR.
 - THE CONTRACTOR SHALL CONTACT THE VILLAGE OF PLAINFIELD A MINIMUM OF FOUR WEEKS PRIOR TO THE CLOSURE OF RIVER ROAD

<p>ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS</p>	USER NAME = rtanner	DESIGNED - -	REVISED - -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>MAINTENANCE OF TRAFFIC RIVER ROAD</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = H:\Plainfield\130814.00 Dupage River T1 & Bridge of River Rd\CA001\130814 Maintenance	DRAWN - -	REVISED - -			-	13-P4015-00-BT	WILL	27	6
	PLOT SCALE = 1"=40'	CHECKED - -	REVISED - -			-	CONTRACT NO. 61A76			
	PLOT DATE = 6/18/2015	DATE - 06-05-14	REVISED - -			-	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			
				SCALE: N.T.S.	SHEET NO. 1 OF SHEETS	STA. TO STA.				

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
NO. OF WAYS CHECKED	
DATE	
BY	
NOTE BOOK	
NO.	
DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
NO. NOTED	
DATE	
BY	
NOTE BOOK	
NO.	
DATE	
BY	
STRUCTURE	
NOTATION	
CHKD	



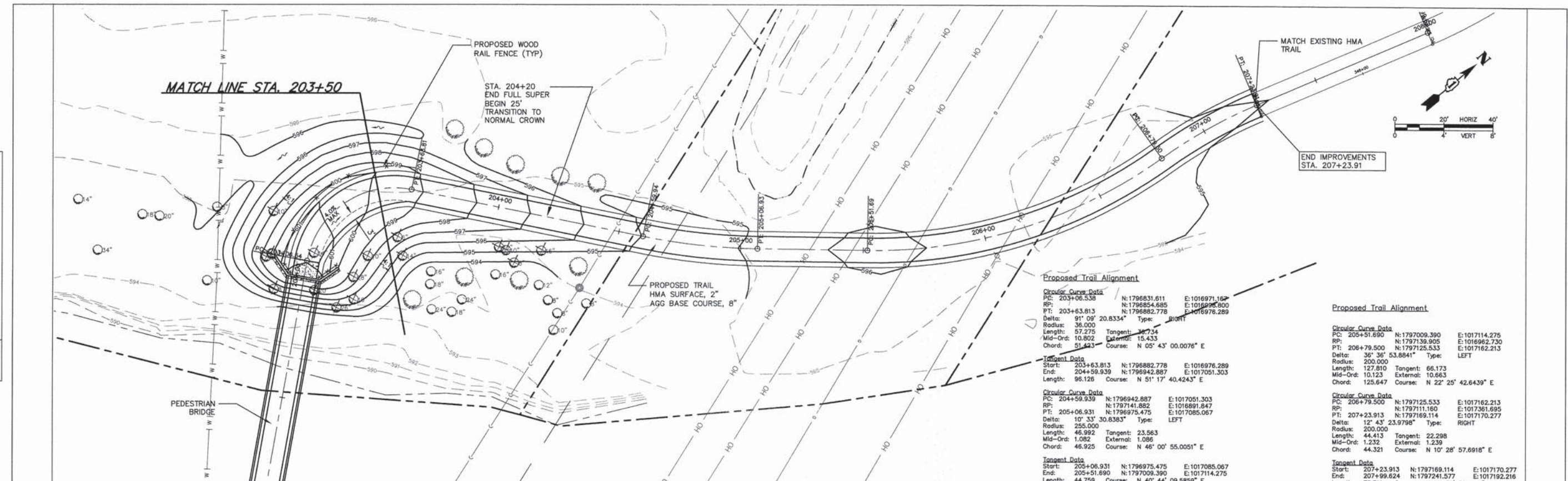
DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
NO. NOTED	
DATE	
BY	
NOTE BOOK	
NO.	
DATE	
BY	
STRUCTURE	
NOTATION	
CHKD	



ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	USER NAME = rlaner FILE NAME = I:\Projects\2014\130814-00 Dulge River 11 & 12\130814-00.dwg PLOT SCALE = 1/8"=1'-0" PLOT DATE = 5/28/2015	DESIGNED - JR DRAWN - RT CHECKED - JM DATE - October 2014	REVISED - 04-28-2015 REVISED - 05-18-2015 REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAIL SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 200+00 TO STA. 203+50	F.A. - SECTION - I3-P4015-00-BT COUNTY - WILL TOTAL SHEETS - 27 SHEET NO. - 7 CONTRACT NO. - 61A76 FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT
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PLAN
 SURVEYED BY: _____ DATE: _____
 ALIGNED AND CHECKED BY: _____
 NOTE BOOK NO. _____
 CLASS FILE NAME: _____

PROFILE
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS OK'D

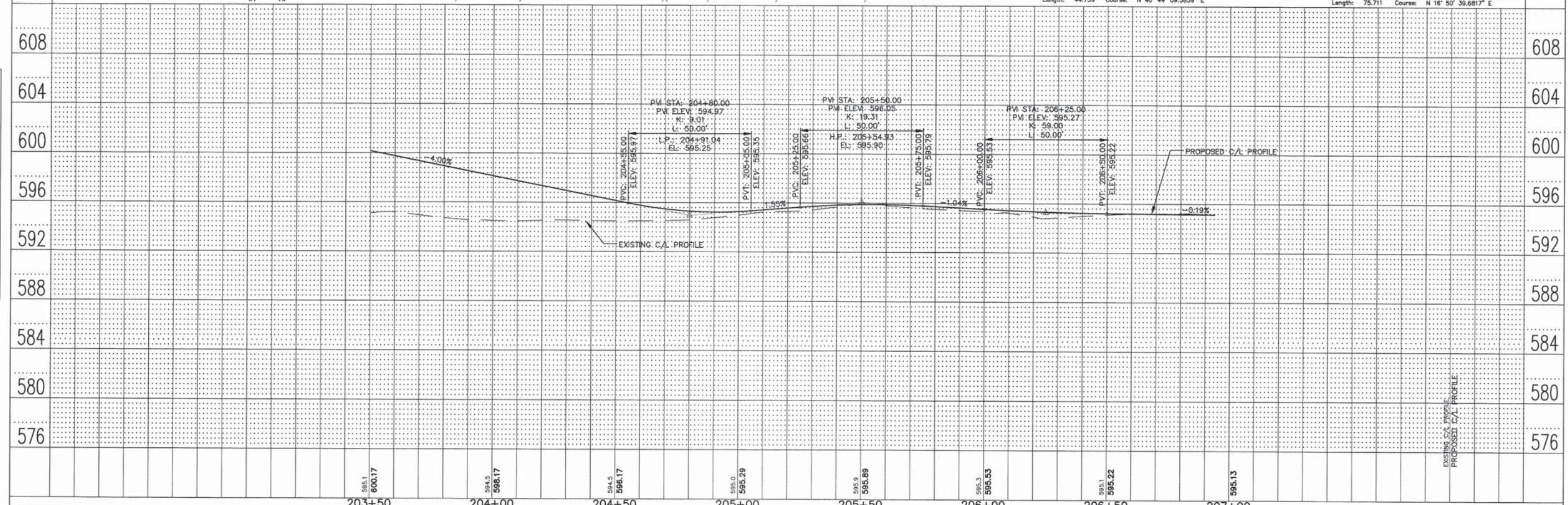


Proposed Trail Alignment

Circular Curve Data		
PC: 203+06.538	N: 1796831.611	E: 1016971.162
RP: 203+06.538	N: 1796854.685	E: 1016994.800
PT: 203+63.813	N: 1796882.778	E: 1016976.289
Delta: 91° 09' 20.8334"	Type: RIGHT	
Radius: 36.000		
Length: 57.275	Tangent: 37.734	
Mid-Ord: 10.802	External: 15.433	
Chord: 51.443	Course: N 05° 43' 00.0076" E	
Tangent Data		
Start: 203+63.813	N: 1796882.778	E: 1016976.289
End: 204+59.939	N: 1796942.887	E: 1017051.303
Length: 96.126	Course: N 51° 17' 40.4243" E	
Circular Curve Data		
PC: 204+59.939	N: 1796942.887	E: 1017051.303
RP: 204+59.939	N: 1797141.882	E: 1016891.847
PT: 205+06.931	N: 1796975.475	E: 1017085.067
Delta: 10° 33' 30.6383"	Type: LEFT	
Radius: 255.000		
Length: 46.992	Tangent: 23.583	
Mid-Ord: 1.082	External: 1.086	
Chord: 46.925	Course: N 46° 00' 55.0051" E	
Tangent Data		
Start: 204+59.939	N: 1796975.475	E: 1017085.067
End: 205+51.690	N: 1797009.390	E: 1017114.275
Length: 44.759	Course: N 40° 44' 09.5859" E	

Proposed Trail Alignment

Circular Curve Data		
PC: 205+51.690	N: 1797009.390	E: 1017114.275
RP: 205+51.690	N: 1797139.905	E: 1016962.730
PT: 206+79.500	N: 1797125.533	E: 1017162.213
Delta: 35° 35' 53.8841"	Type: LEFT	
Radius: 200.000		
Length: 127.810	Tangent: 66.173	
Mid-Ord: 10.123	External: 10.663	
Chord: 125.647	Course: N 22° 25' 42.6439" E	
Circular Curve Data		
PC: 206+79.500	N: 1797125.533	E: 1017162.213
RP: 206+79.500	N: 1797111.160	E: 1017381.695
PT: 207+23.913	N: 1797169.114	E: 1017170.277
Delta: 12° 43' 23.9798"	Type: RIGHT	
Radius: 200.000		
Length: 44.413	Tangent: 22.298	
Mid-Ord: 1.232	External: 1.239	
Chord: 44.321	Course: N 10° 28' 57.6918" E	
Tangent Data		
Start: 207+23.913	N: 1797169.114	E: 1017170.277
End: 207+99.624	N: 1797241.577	E: 1017192.216
Length: 75.711	Course: N 16° 50' 39.6817" E	



585.1 600.17	584.5 598.17	584.5 598.17	585.0 595.29	585.0 595.89	585.3 595.53	585.1 595.22	585.13
203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00

ENGINEERING RESOURCE ASSOCIATES, INC.
 CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = rtanner	DESIGNED - JR	REVISED - 5-18-2015
FILE NAME = H:\Projects\130814.00 DuPage River TR & Bridge of River Rd\CA20\130814	DRAWN - RT	REVISED - ---
PLOT SCALE = 1/8"=1'-0"	CHECKED - JM	REVISED - ---
PLOT DATE = 5/28/2015	DATE - June, 2014	REVISED - ---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TRAIL
 SCALE: 1"=20'
 SHEET NO. 2 OF 3 SHEETS
 STA. 203+50 TO STA. 207+23.91

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P4015-00-BT	WILL	27	8
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 6IA76	

DuPAGE RIVER

10 YEAR FLOODPLAIN

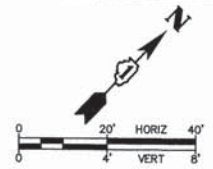
STA. 101+32.36, 41.9'LT
PRC FLAR END SEC 12"
W/GRATE
INV: 593.97

50.00'
CLEAR

HOT MIX ASPHALT
SURFACE COURSE MIX
"D", N50 AND HOT
MIX ASPHALT BINDER
COURSE (IL-19), N50

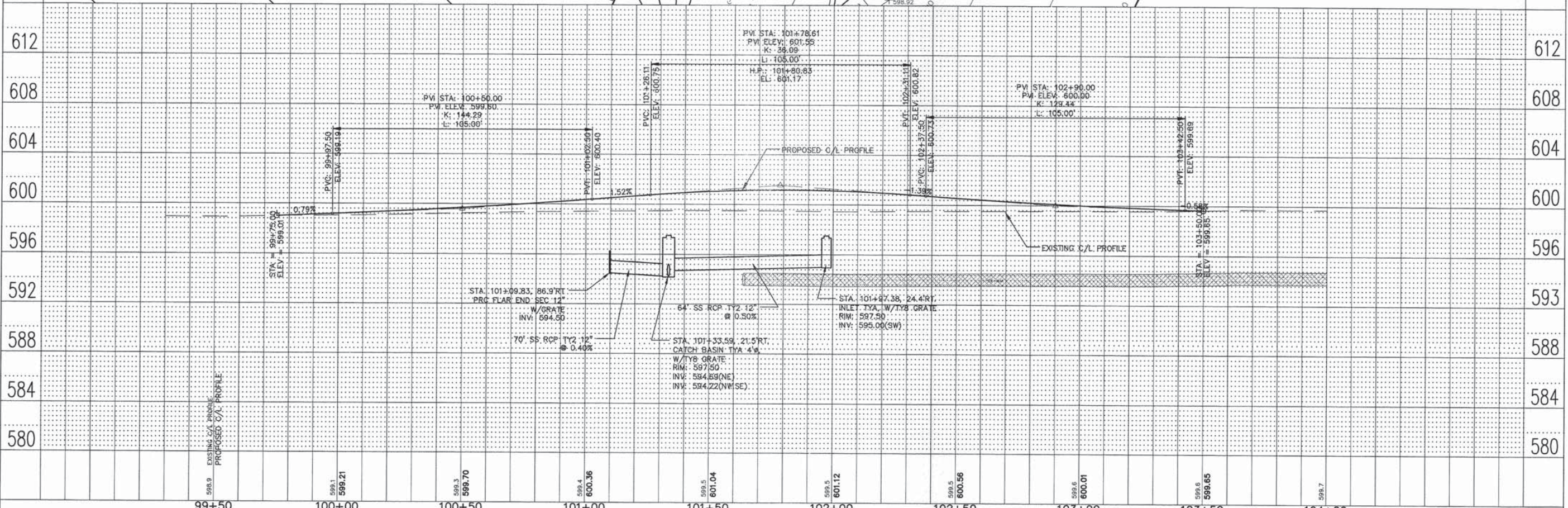
S. RIVER ROAD

FORT BREGGS BIKE TRAIL



DATE	
BY	
PLAN	
SURVEYED	NO.
GRADES CHECKED	NO.
ALIGNMENT CHECKED	NO.
AS-BUILT CHECKED	NO.
PLANTING CHECKED	NO.
STAKE SETTING CHECKED	NO.
CONTRACT NO.	

DATE	
BY	
PROFILE	
GRADES CHECKED	NO.
STRUCTURE NOTATIONS CHECKED	NO.
CONTRACT NO.	



99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00
DESIGNED	REVISION	DATE	DESIGNED	REVISION	DATE	DESIGNED	REVISION	DATE	DESIGNED
-	-	04-28-2015	-	-	-	-	-	-	-

ENGINEERING RESOURCE ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = rtonner
FILE NAME = I:\Projects\03-130814.00 DuPage River Trl & Bridge at River Rd\CA20130814.dwg
PLOT SCALE = 1"=40'
PLOT DATE = 6/18/2015

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

RIVER ROAD
SCALE: 1"=20'
SHEET NO. 3 OF 3 SHEETS
STA. 99+50 TO STA. 104+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	9
CONTRACT NO. 61A76				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

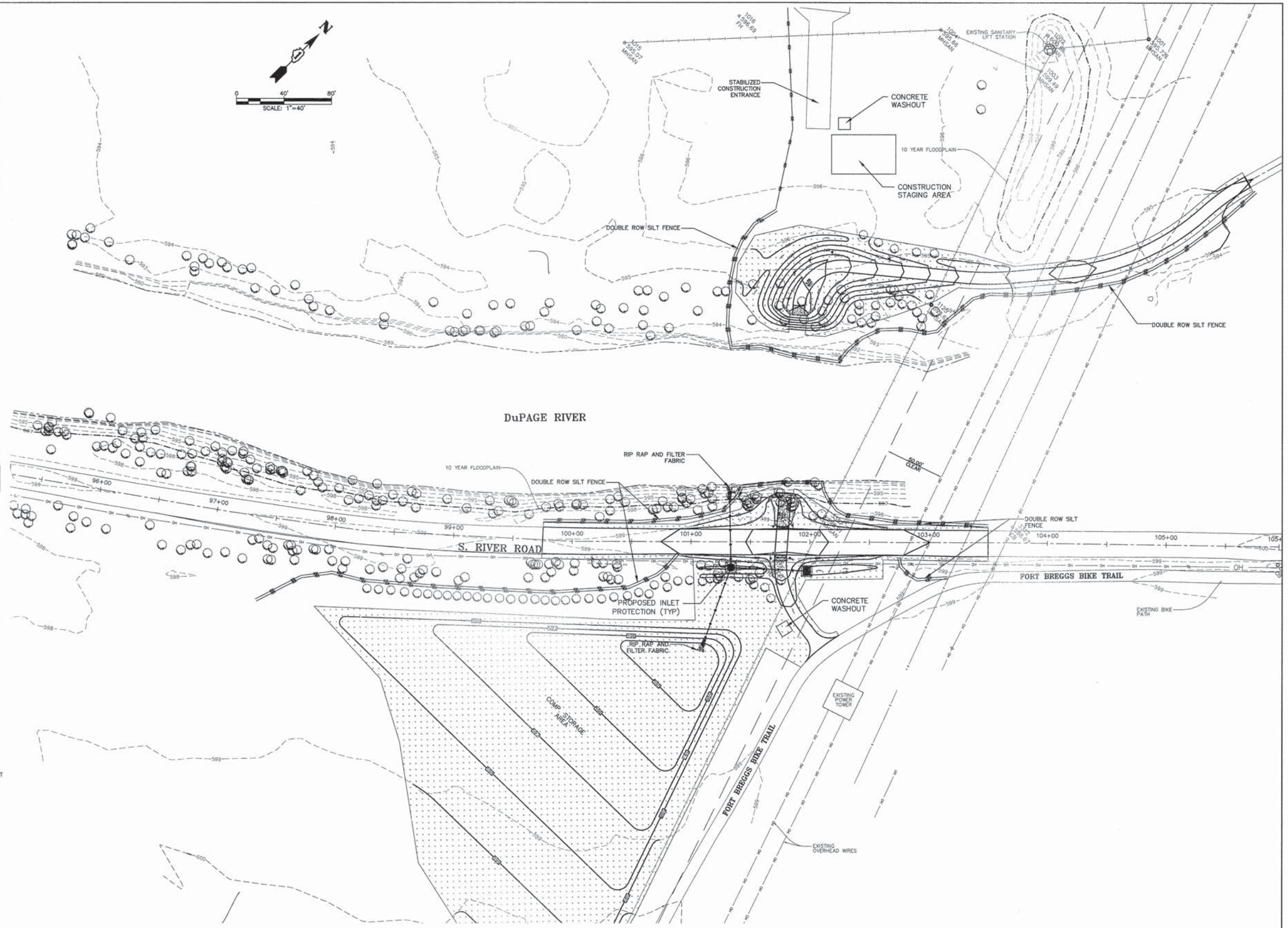
EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 07-162 OF THE VILLAGE OF PLAINFIELD SUBDIVISION AND STORMWATER ORDINANCE, EFFECTIVE SEPTEMBER 24, 1991 AND ALL SUB SEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR40.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS MAY BE SIMILARLY SEEDED. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ENSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.
6. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
7. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
8. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING RACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
9. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
10. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
11. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
12. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/4 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
13. THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
14. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

PLAN	REVISION	DATE
NO.	NO.	
NOTE BOOK	ALIGNED CHECKED	
	PLOTTED	
	PAID FILE NAME	

PROFILE	REVISION	DATE
NO.	NO.	
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	

 IDOT CLASS 2A SEED MIX & EROSION CONTROL BLANKET
 PERIMETER EROSION CONTROL BARRIER



ENGINEERING RESOURCE ASSOCIATES, INC.
 CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS
 USER NAME = rtonner
 FILE NAME = I:\Users\rdp\130814.00 DuPage River TR & Bridge at River Rd\130814.dwg
 PLOT SCALE = #SCALE#
 PLOT DATE = 10/21/2014

DESIGNED	---	REVISED	---
DRAWN	---	REVISED	---
CHECKED	---	REVISED	---
DATE	06-2014	REVISED	---

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

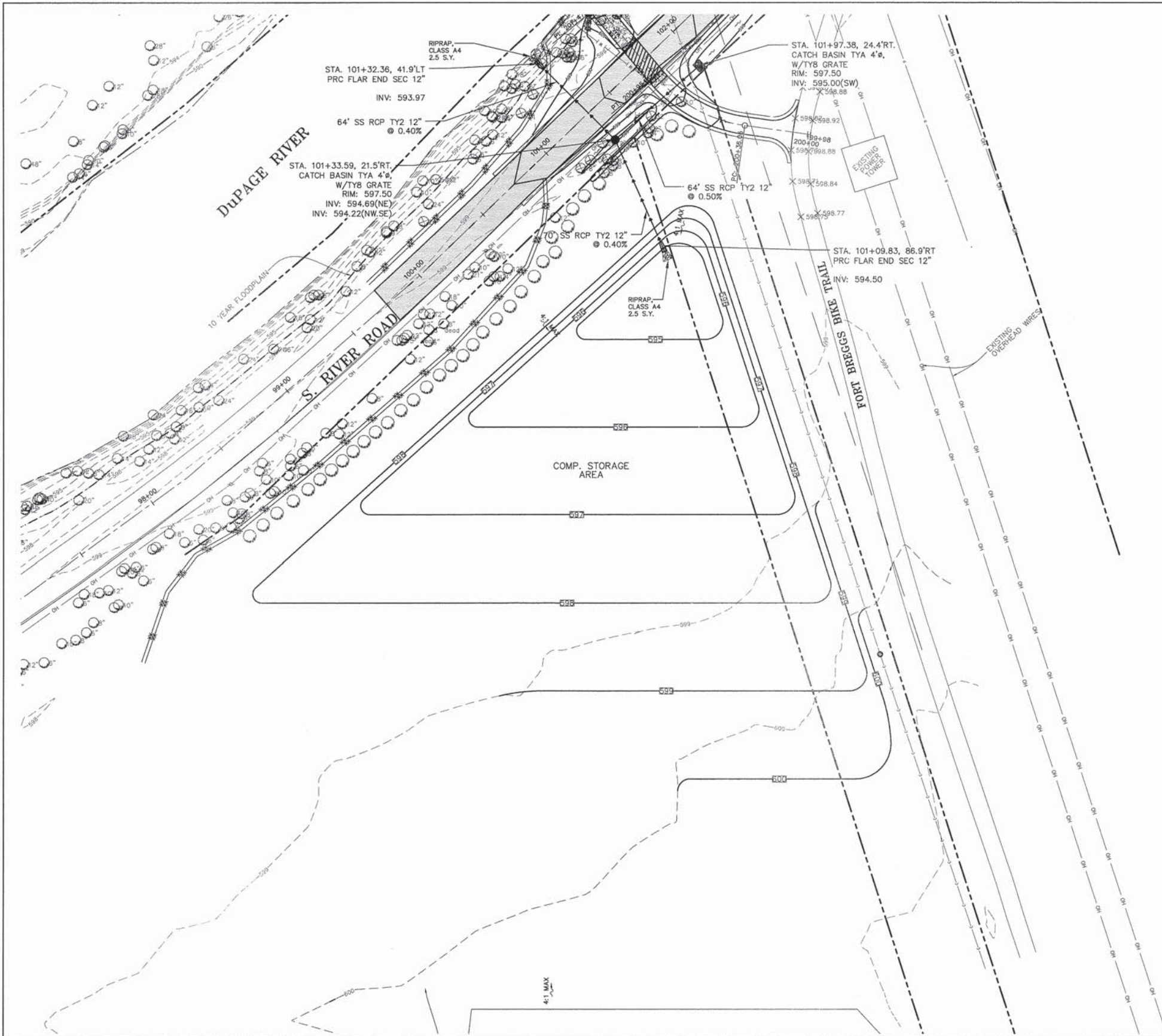
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=40' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P45015-00-BT	WILL	27	10
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

PLAN	DATE
SURVEYED	BY
ALIGNMENT CHECKED	
NOTE BOOK NO.	
PLANNING FILE NO.	

PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	
NOTE BOOK NO.	
PLANNING FILE NO.	



0 TO 10YR FLOODPLAIN FILL=0.44 AC-FT
 10 TO 100YR FLOODPLAIN FILL=0.40 AC-FT
 TOTAL FLOODPLAIN FILL=0.84
 TOTAL REQUIRED COMPENSATORY STORAGE (1.5:1)=1.27 AC-FTD
 TO 10YR FLOODPLAIN COMPENSATORY STORAGE=1.13 AC-FT
 10 TO 100YR FLOODPLAIN COMPENSATORY STORAGE=0.87 AC-FT
 TOTAL PROPOSED COMPENSATORY STORAGE= 2.00 AC-FT

EXISTING 10YR FLOODPLAIN ELEVATION=597.80
 EXISTING 100YR FLOODPLAIN ELEVATION=600.16



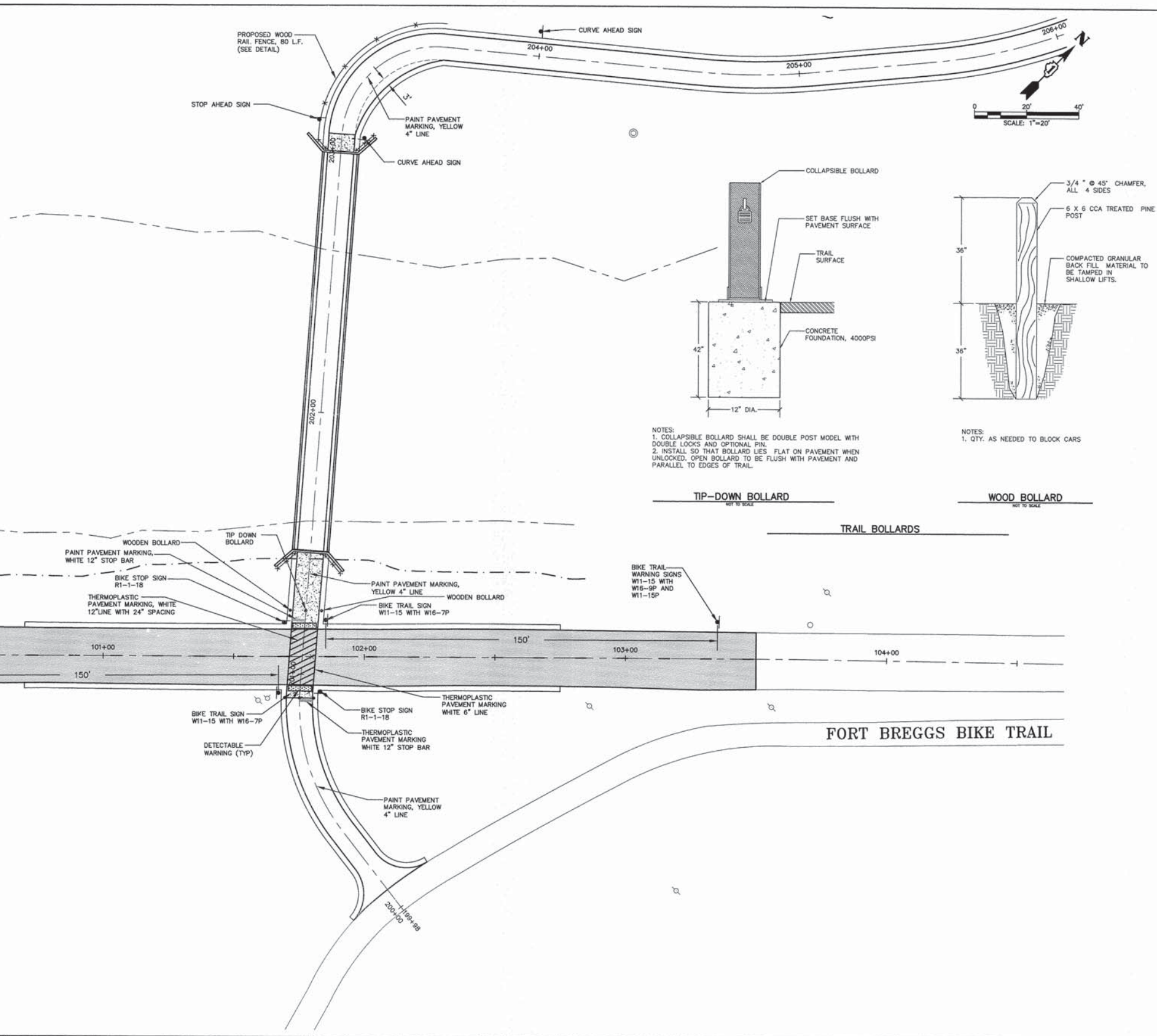
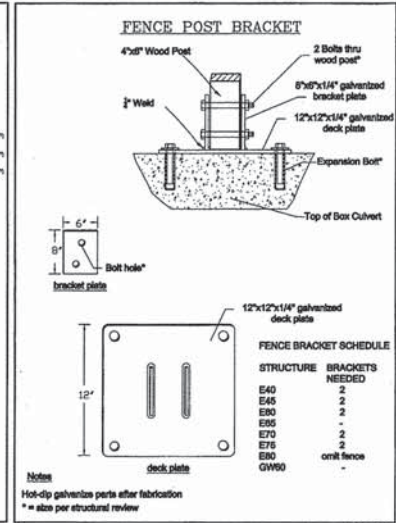
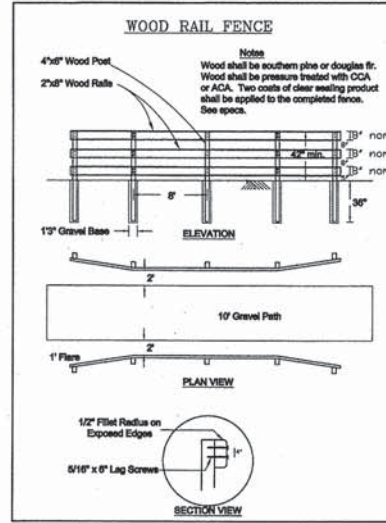
ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	USER NAME	DESIGNED -- JR	REVISED --
	FILE NAME	DRAWN -- RT	REVISED --
	PLOT SCALE	CHECKED -- JM	REVISED --
	PLOT DATE	DATE -- 06-2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMPENSATORY STORAGE BASIN
SCALE: 1"=30'
SHEET NO. 1 OF 1 SHEETS
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P45015-00-BT	WILL	27	II
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

DATE	
BY	
PLANNED	
CHECKED	
NO. OF	
DATE	
NO.	



DATE	
BY	
PROFILE	
CHECKED	
NO. OF	
DATE	
NO.	

DuPAGE RIVER

S. RIVER ROAD

FORT BREGGS BIKE TRAIL

TIP-DOWN BOLLARD

WOOD BOLLARD



ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	USER NAME = rfanter	DESIGNED --	REVISED --
	FILE NAME = H:\Vista\user\fanter\330814.dwg	DRAWN --	REVISED --
	PLOT SCALE = 1/4"=1'	CHECKED --	REVISED --
	PLOT DATE = 6/18/2015	DATE -- 05-20-2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

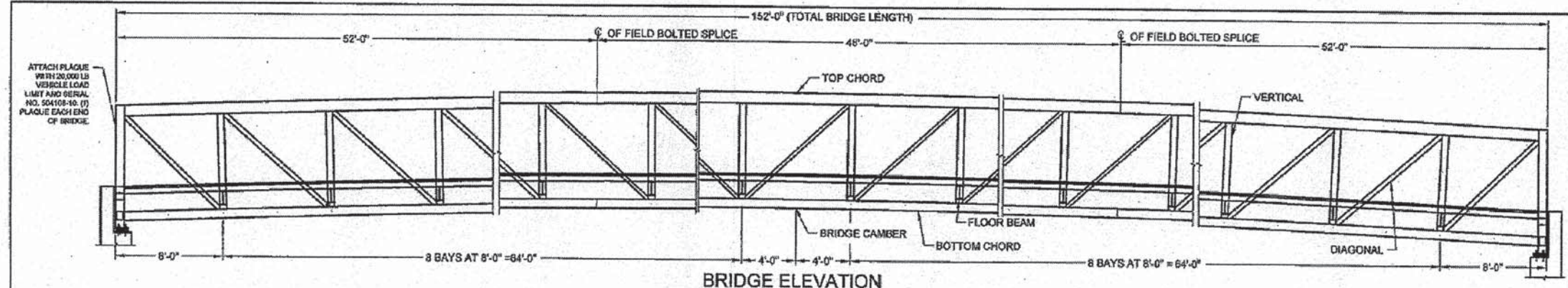
PAVEMENT MARKING AND
SIGNAGE DETAIL

F.A.I.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P4015-00-BT	WILL	27	12
		CONTRACT NO. 61A76		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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

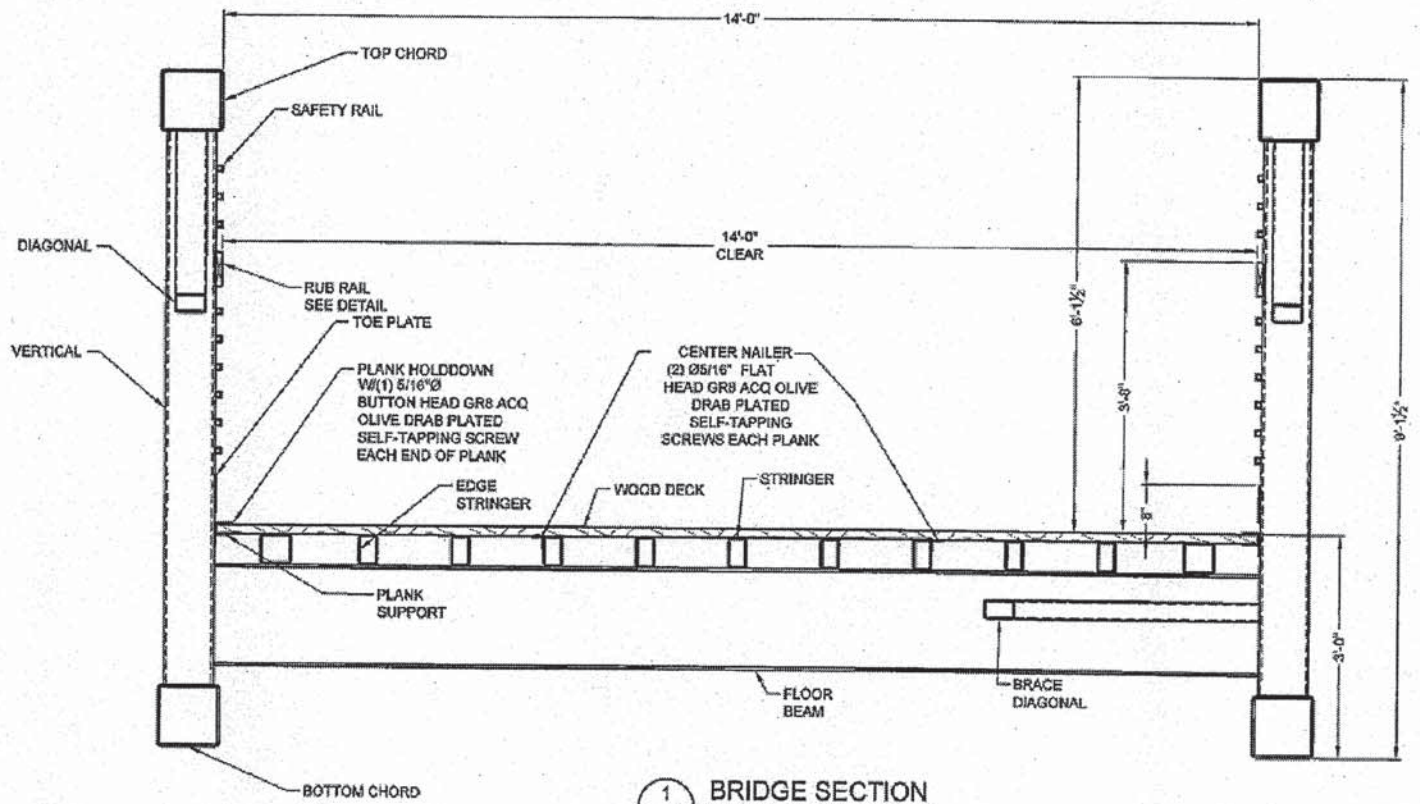
PLAN	DATE	BY
REVISION		
NO.		
NO.		
NO.		

PROFILE	DATE	BY
REVISION		
NO.		
NO.		
NO.		



GENERAL NOTES

- DESIGN PROCEDURE IS IN ACCORDANCE WITH "LRFD BRIDGE DESIGN SPECIFICATIONS" 4TH EDITION & "GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES" BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO).
- BRIDGE MEMBERS ARE FABRICATED FROM HIGH STRENGTH, LOW ALLOY, ENHANCED ATMOSPHERIC CORROSION RESISTANT ASTM A647 COLD-FORMED WELDED SQUARE AND RECTANGULAR TUBING, AND ASTM A588, ASTM A606, OR ASTM A242 PLATE AND STRUCTURAL SHAPES (Fy=60,000 PSI).
- BRIDGE DECK 1 1/2" THICK NATURALLY DURABLE IPE FEQ GRADE.
- THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED.
- ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS. WELD BETWEEN TOP CHORD AND END VERTICAL SHALL BE AS DETAILED.
- UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:
 - A. BOTH ENDS OF VERTICALS, DIAGONALS, AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.
 - B. BRACE DIAGONALS WILL BE WELDED ALL AROUND.
 - C. BOTTOM OF 8 STRINGERS WILL BE STITCH WELDED TO TOP OF FLOOR BEAMS.
 - D. MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE STITCH WELDED TO THEIR SUPPORTING MEMBERS.
- BRIDGE DESIGN WAS ONLY BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.
 - A. 90 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE 20,000 LB VEHICLE LOAD. THE LOAD SHALL BE DISTRIBUTED AS A FOUR-WHEEL VEHICLE WITH 80% OF THE LOAD ON THE REAR WHEELS. THE WHEEL TRACK WIDTH OF THE VEHICLE SHALL BE 6'-0" AND THE WHEEL BASE SHALL BE 14'-0". THE VEHICLE SHALL BE POSITIONED SO AS TO PRODUCE THE MAXIMUM STRESSES IN EACH MEMBER, INCLUDING DECKING.
 - B. 35 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.
 - C. 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
- CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 7 BRUSH-OFF BLAST CLEANING, SSPC-SP7-LATEST EDITION.



PRELIMINARY ONLY
NOT FOR CONSTRUCTION

CAUTION:
WE ARE PROVIDING A WOOD DECK ON THIS STRUCTURE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR THE CONTRACT DOCUMENTS. BE AWARE THAT MOST PEDESTRIAN BRIDGE LIABILITY CLAIMS ARE STATISTICALLY SLIP AND FALL CLAIMS. IT IS THE OWNER'S RESPONSIBILITY TO KEEP THE DECK FREE FROM SLIP OR TRIP HAZARDS DUE TO CUPPING, SPLITS, GAPS AND SMOOTH SURFACES.

CONTECH
PROPOSAL
DRAWING



The design and fabrication shown on this drawing is the property of the fabricator and shall remain confidential. No part of this drawing shall be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the fabricator. The fabricator shall not be responsible for any errors or omissions in this drawing. The fabricator shall not be responsible for any damage or injury resulting from the use of this drawing. The fabricator shall not be responsible for any claims or damages resulting from the use of this drawing. The fabricator shall not be responsible for any claims or damages resulting from the use of this drawing.

NO.	DATE	BY	REVISION DESCRIPTION

152'-0" x 14'-0"
DUPAGE RIVER TRAIL
PEDESTRIAN BRIDGE
PLAINFIELD, IL

DATE:	6/10/2014	
DESIGNED:	DJB	
CHECKED:		
PROJECT No.:	504108	SEQUENCE No.:
		10
SHEET:	1 OF 3	



ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	USER NAME = jrecomp	DESIGNED -- --	REVISED -- --
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	PLOT SCALE = 1/8"=1'-0"	CHECKED -- --	REVISED -- --
	PLOT DATE = 12/30/2014	DATE = 05-20-2014	REVISED -- --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

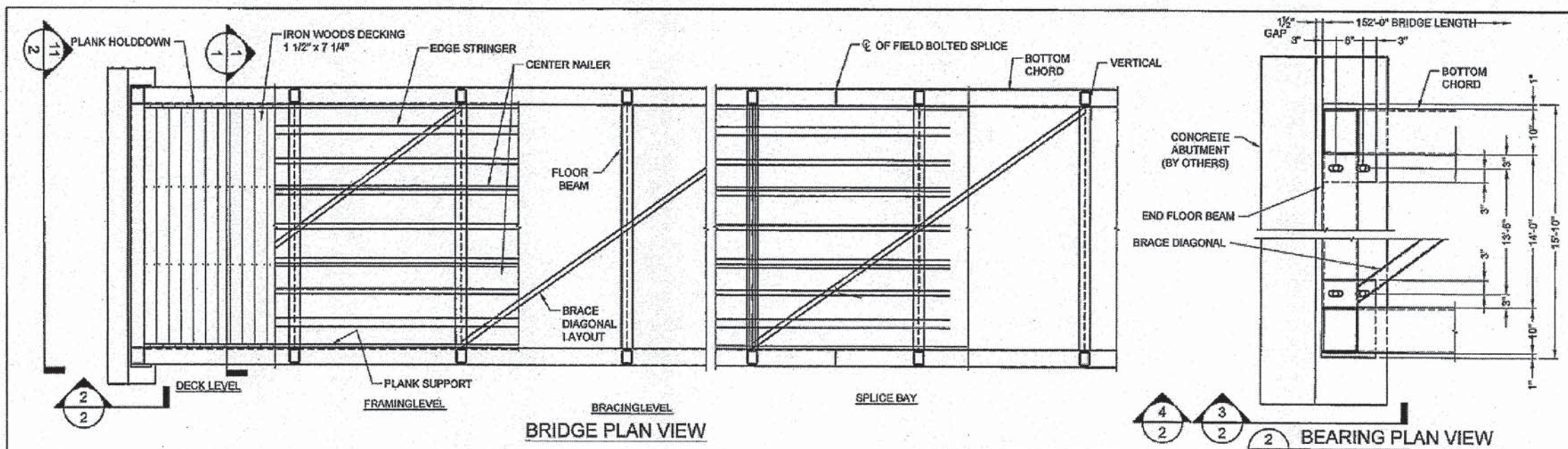
BRIDGE DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

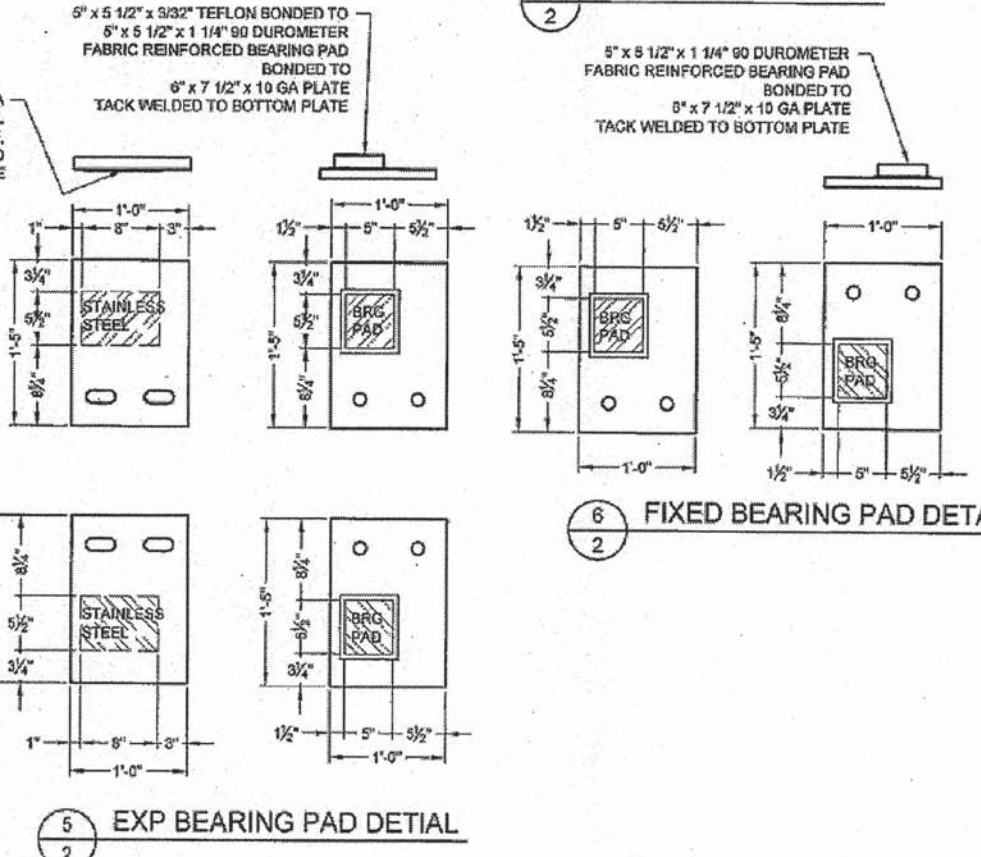
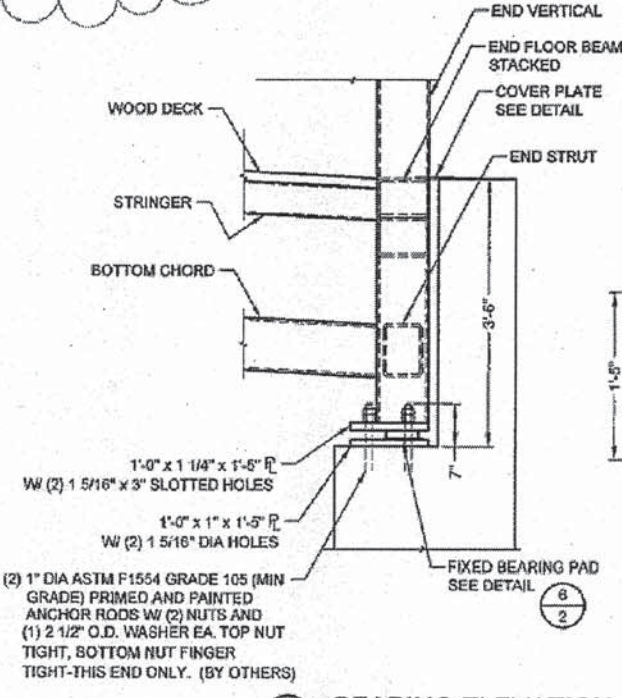
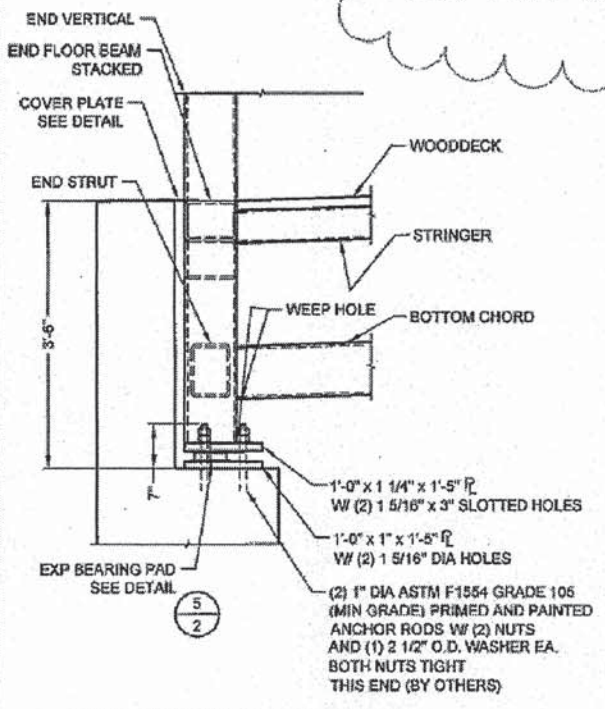
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	13-P4015-00-BT	WILL	27	13
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				CONTRACT NO. 61A76

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
DESIGNED	
CHECKED	
NOTED	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
DESIGNED	
CHECKED	
NOTED	
NO.	
NO.	
NO.	
NO.	



PRELIMINARY ONLY
NOT FOR CONSTRUCTION



The design and information shown on this drawing is provided as a service to the project owner, contractor or other user. It is not to be used for any other purpose without the written consent of the engineer. The user is responsible for verifying the accuracy of the information and for obtaining all necessary permits and approvals. The engineer is not responsible for any errors or omissions in the drawing or for any consequences arising therefrom.

NO.	REVISION DESCRIPTION	DATE	BY

152'-0" x 14'-0"
DUPAGE RIVER TRAIL
PEDESTRIAN BRIDGE
PLAINFIELD, IL

DATE	6/16/2014
DESIGNED	----
DRAWN	DJB
CHECKED	----
APPROVED	----
PROJECT No.	504108
SEQUENCE No.	10
SHEET	2 OF 3



CONTECH
PROPOSAL
DRAWING



ENGINEERING RESOURCE ASSOCIATES, INC.	USER NAME = jreklomp	DESIGNED --	REVISED --
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	FILE NAME = \\V:\proj\130914\02 Dupage Riv Tr & Bridge at Plainfield\030914.dwg	DRAWN --	REVISED --
	PLOT SCALE = 1/8"=1'-0"	CHECKED --	REVISED --
	PLOT DATE = 12/30/2014	DATE = 05-20-2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS
SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

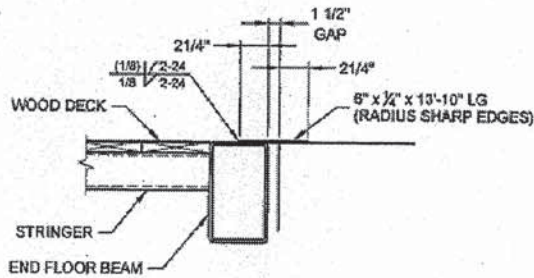
DATE	BY

DATE	BY

VAD CONTECH-CF-CORADO/MELE/INP/0.657-VT-VICOM/00004/000106-00-CONTRACTUAL_PERS/TRANS/PCRS INFORMATION/353/2 PER/IM DWS 6-12-14 DWG 016/2/PM 3:18 PM

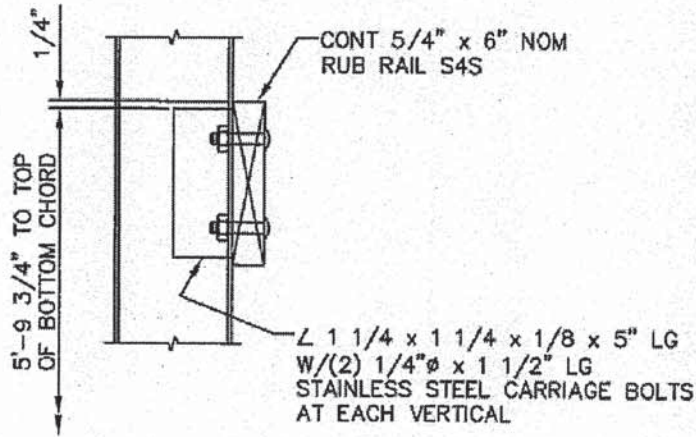
QUALITY ASSURANCE NOTES

- WELD TESTING SHALL BE I.A.W. WITH IDOT STANDARDS
 - ALL WELD TESTING SHALL BE DONE BY A PERSON QUALIFIED I.A.W. ASNT SNT-TC-1A.
 - ULTRASONIC TESTING, MAGNETIC PARTICLE TESTING AND/OR RADIOGRAPHIC TESTING WILL BE DONE IN ACCORDANCE WITH REQUIREMENTS.
 - A WRITTEN TESTING REPORT SHALL BE SUBMITTED UPON COMPLETION.
- ROTATIONAL CAPACITY TESTING REQUIRED.
- CHARPY V-NOTCH TESTING: BOTTOM CHORDS, DIAGONALS AND BRACE DIAGONALS (INCLUDING SPLICE PLATES) SHALL BE TESTED IN ACCORDANCE WITH ASTM A709 REQUIREMENTS FOR NON-FRACTURE CRITICAL TENSION COMPONENTS FOR Zone 2, TABLE 9.
- BUY AMERICAN.
- CERTIFIED MILL REPORTS REQUIRED.
- CERTIFIED AISC SHOP REQUIRED.
- WELDER CERTIFICATIONS REQUIRED.
- OUTSIDE INSPECTION BY IDOT MAY BE REQUIRED AT NO COST TO CONTECH BRIDGE.

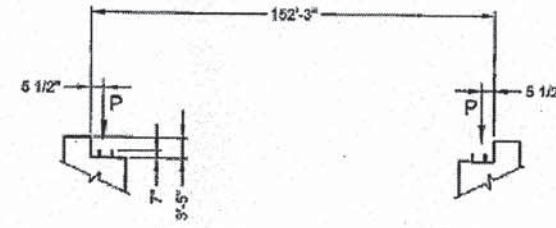


10 COVER PLATE
2 TYP BOTH ENDS OF BRIDGE

PRELIMINARY ONLY
NOT FOR CONSTRUCTION



RUB RAIL DETAIL



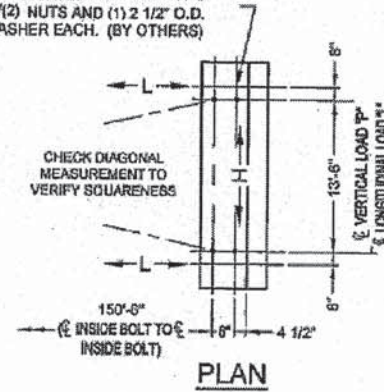
ANCHOR BOLT ELEVATION

(6) Ø1" ASTM F1554 GRADE 105 PRIMED AND PAINTED ANCHOR RODS W/ (2) NUTS AND (1) 2 1/2" O.D. WASHER EACH. (BY OTHERS)

COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

BRIDGE REACTIONS	+ DOWNWARD LOAD - UPWARD LOAD		
	P (KIPS)	H (KIPS)	L (KIPS)
DEAD LOAD	28,950		
UNIFORM LIVE LOAD	47,600		
VEHICLE LOAD	10,000		
WIND UPWIND 20/15°		17,840	4,800
WIND DOWNWIND		19,235	24,275
THERMAL			4,245

P - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)
H - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)
L - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)
BRIDGE LIFTING WEIGHT: 115,000 LBS



PLAN

This drawing is preliminary and is not for construction. It is provided for information only and is subject to change without notice. The contractor shall verify all dimensions and quantities shown on this drawing against the field conditions and the contract documents. The contractor shall be responsible for any errors or omissions on this drawing.

MARK	DATE	REVISION DESCRIPTION	BY

152'-0" x 14'-0"
DUPAGE RIVER TRAIL
PEDESTRIAN BRIDGE
PLAINFIELD, IL

CONTECH
PROPOSAL
DRAWING

DATE:	6/16/2014		
DESIGNED:	---		
DRAWN:	DJB		
CHECKED:	---		
APPROVED:	---		
PROJECT No.:	504108	SEQUENCE No.:	10
SHEET:	2 OF 3		



USER NAME = jachamp	DESIGNED --	REVISD --
FILE NAME = \\VINTAGE\F0\130814-00\Subgr 01w Tr & Bridge of River\A\CA20\130814.dwg	DRAWN --	REVISD --
PLOT SCALE = 1/8"=1'	CHECKED --	REVISD --
PLOT DATE = 12/30/2014	DATE = 05-20-2014	REVISD --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-P4015-00-BT	WILL	27	15
CONTRACT NO. 61A76				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
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DESCRIPTION	
DATE	
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REVISIONS	
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DESCRIPTION	

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DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

Structure No. 13-P4015-00-BT
 Sec. 13-P4015-00-BT
 Bull 20
 Dupage River Trail
 Will County
 Loading H-10

NAME PLATE
 See Standard 515001

BILL OF MATERIAL - 2 ABUTS.

Bar	No.	Size	Length	Shape
a (E)	48	#6	10'-2"	
a ₁ (E)	22	#6	10'-6"	
h (E)	56	#6	11'-3"	
h ₁ (E)	4	#5	8'-9"	
h ₂ (E)	4	#5	11'-10"	
h ₃ (E)	4	#5	13'-6"	
p (E)	38	#8	13'-6"	
s (E)	28	#6	2'-4"	
u (E)	28	#5	9'-6"	
v (E)	32	#5	9'-0"	
v ₁ (E)	16	#5	16'-6"	
v ₂ (E)	32	#5	8'-2"	
Concrete Structures	Cu. Yds.	50.0		
Epoxy Coated Reinforcement Bars	Lbs.	5,630		
Test Pile, Steel HP10x42	Each	2		
Steel Piles HP10x42 (Furnish & Drive)	Foot	56		
Pile Shoes	Each	6		
Name Plate	Each	1		
Stone Dumped Riprap Class 4A	Sq. Yd.	59		
Structure Excavation	Cu. Yds.	60.1		

Note: Bill of Material includes 2 Abutments and 2 Approach Slabs

PILE DATA

Type: Steel HP10x42

Nominal Required Bearing: 180 kips

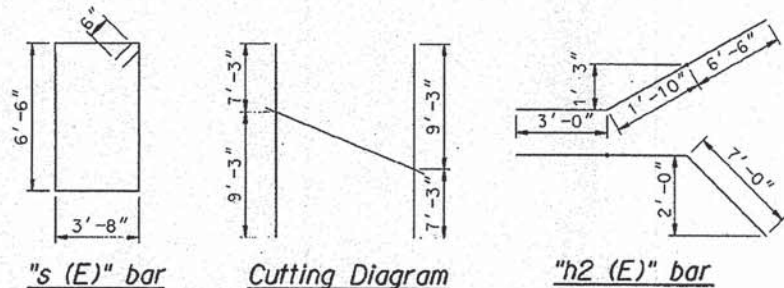
Factored Resistance Available: 99 kips

Estimated Length: 14 ft.

No. Required: 2 North Abutment
 2 South Abutment

Test Piles: 1 North Abutment
 1 South Abutment

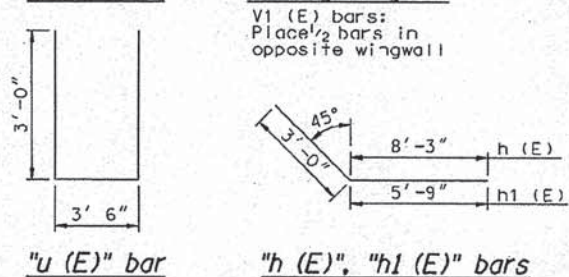
Note: The Steel H-piles shall meet the requirements of AASHTO M270 Grade 50.



"s (E)" bar

Cutting Diagram

"h2 (E)" bar



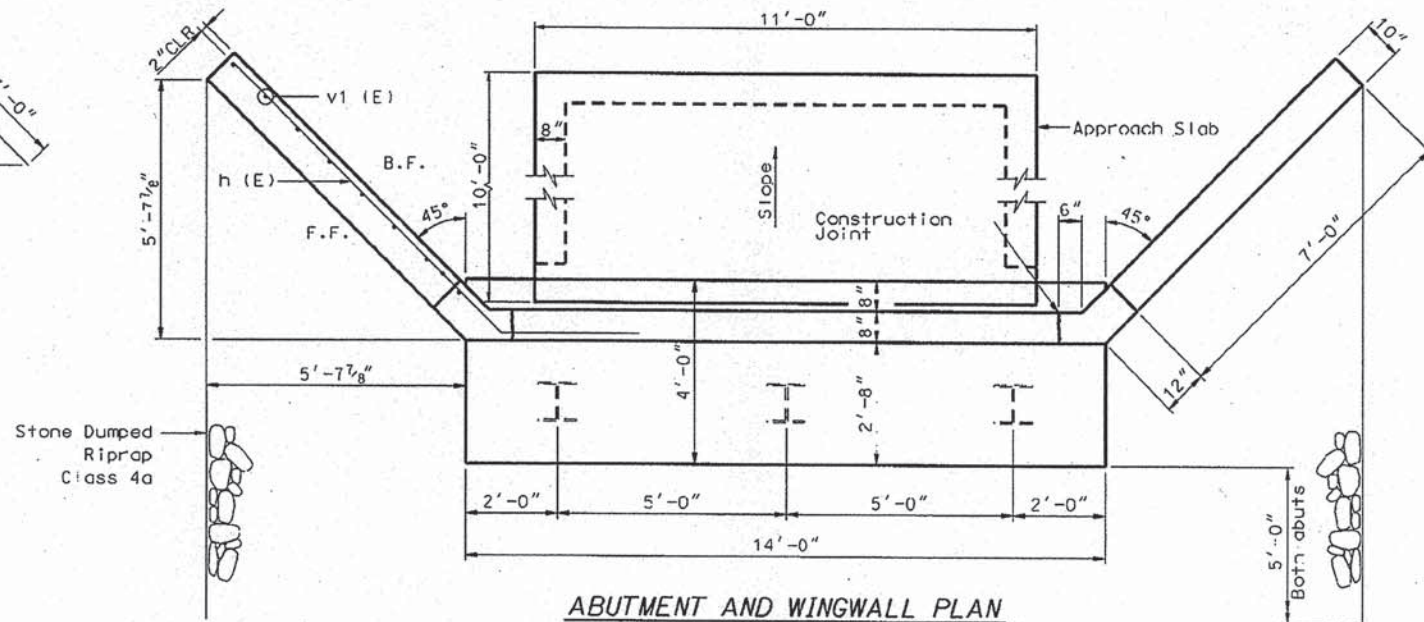
"u (E)" bar

"h (E)", "h1 (E)" bars

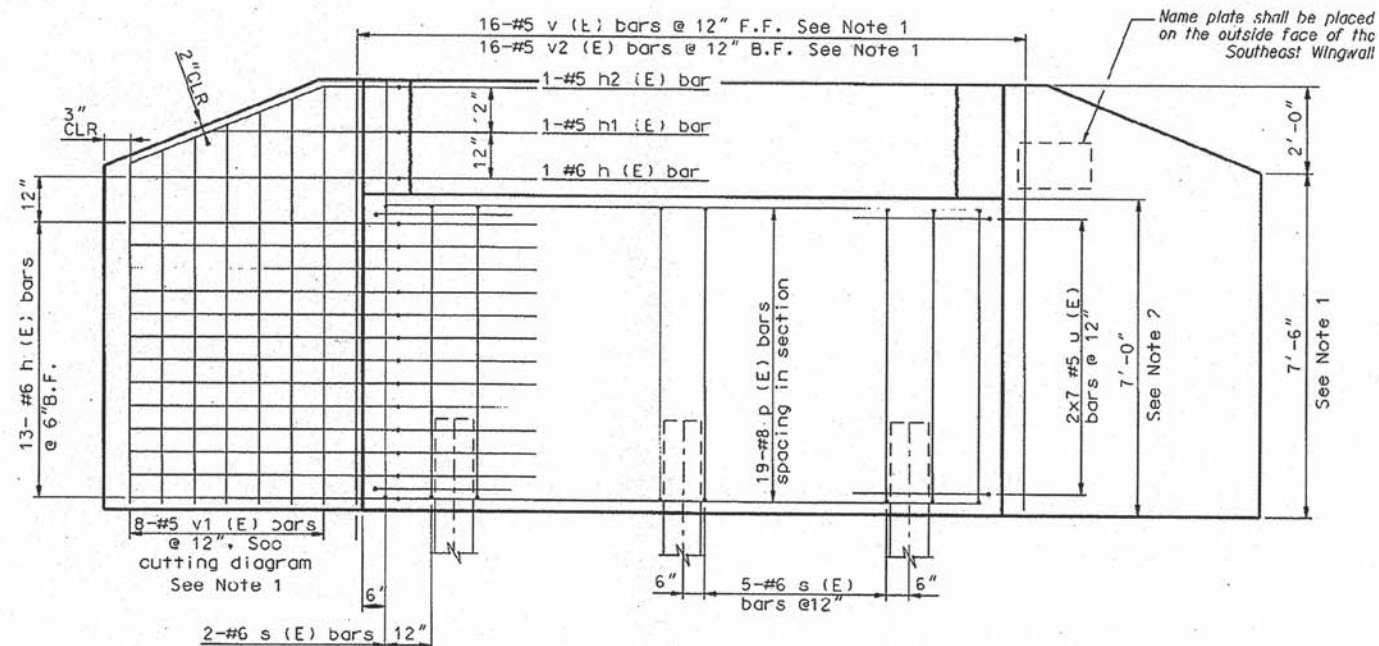
General Notes:
 Design Loading: H10 or 90psf
 F.F. - Front Face
 B.F. - Back Face

General Notes:

- Bearing assemblies to be supplied by the manufacturer of bridge superstructure.
- All abutment elevations shall be coordinated with the requirements and dimensions of the selected bridge manufacturer.
- Cost of furnishing and installing anchor bolts shall be incidental to the cost of concrete structures. Anchor bolt sizing and spacing shall be coordinated with the requirements of the selected bridge manufacturer.
- Space reinforcement in cap to miss anchor bolts.



ABUTMENT AND WINGWALL PLAN



ABUTMENT AND WINGWALL ELEVATION



I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current "AASHTO Standard Specifications for Highway Bridges."

JOHN A. FRAUENHOFFER
 Illinois Licensed Structural Engineer Number 4192
 License Expires 11/30/16

USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

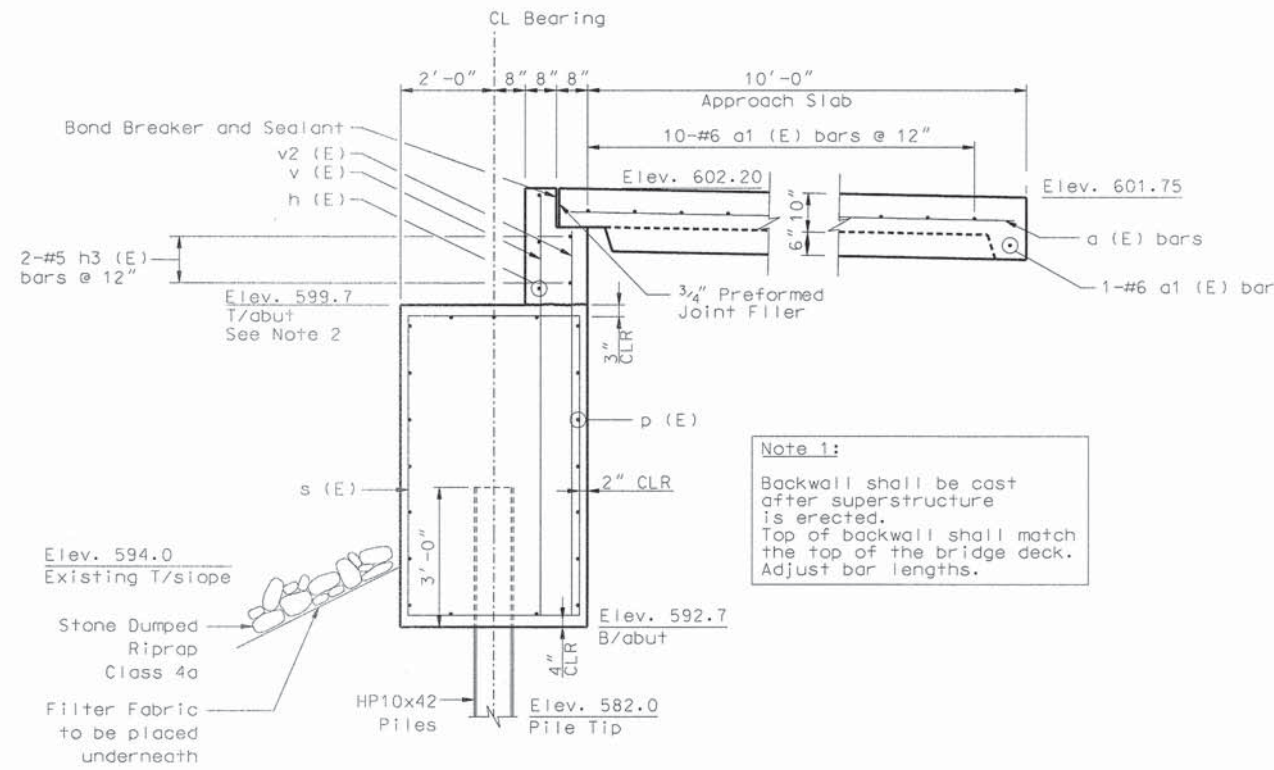
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ABUTMENT AND APPROACH SLAB DETAILS
 (SHEET 1 OF 2)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-P4015-00-BT	WILL	27	16
				CONTRACT NO. 61A76
ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	BY	
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	FILE NAME	

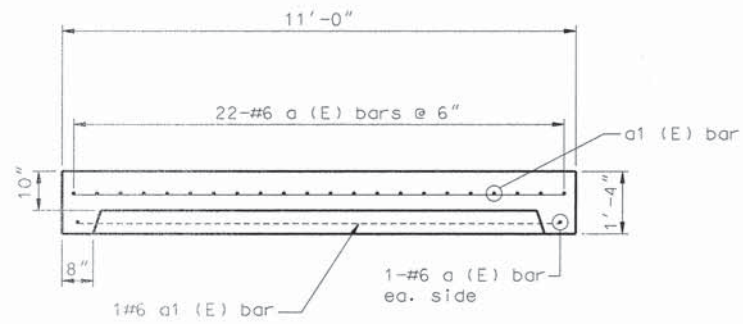
PROFILE	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



ABUTMENT SECTION

Note 2:
Bearing seat elevation and backwall height shall be determined by the contractor from the bridge manufacturer's shop drawings.

Note 1:
Backwall shall be cast after superstructure is erected. Top of backwall shall match the top of the bridge deck. Adjust bar lengths.



APPROACH SLAB SECTION

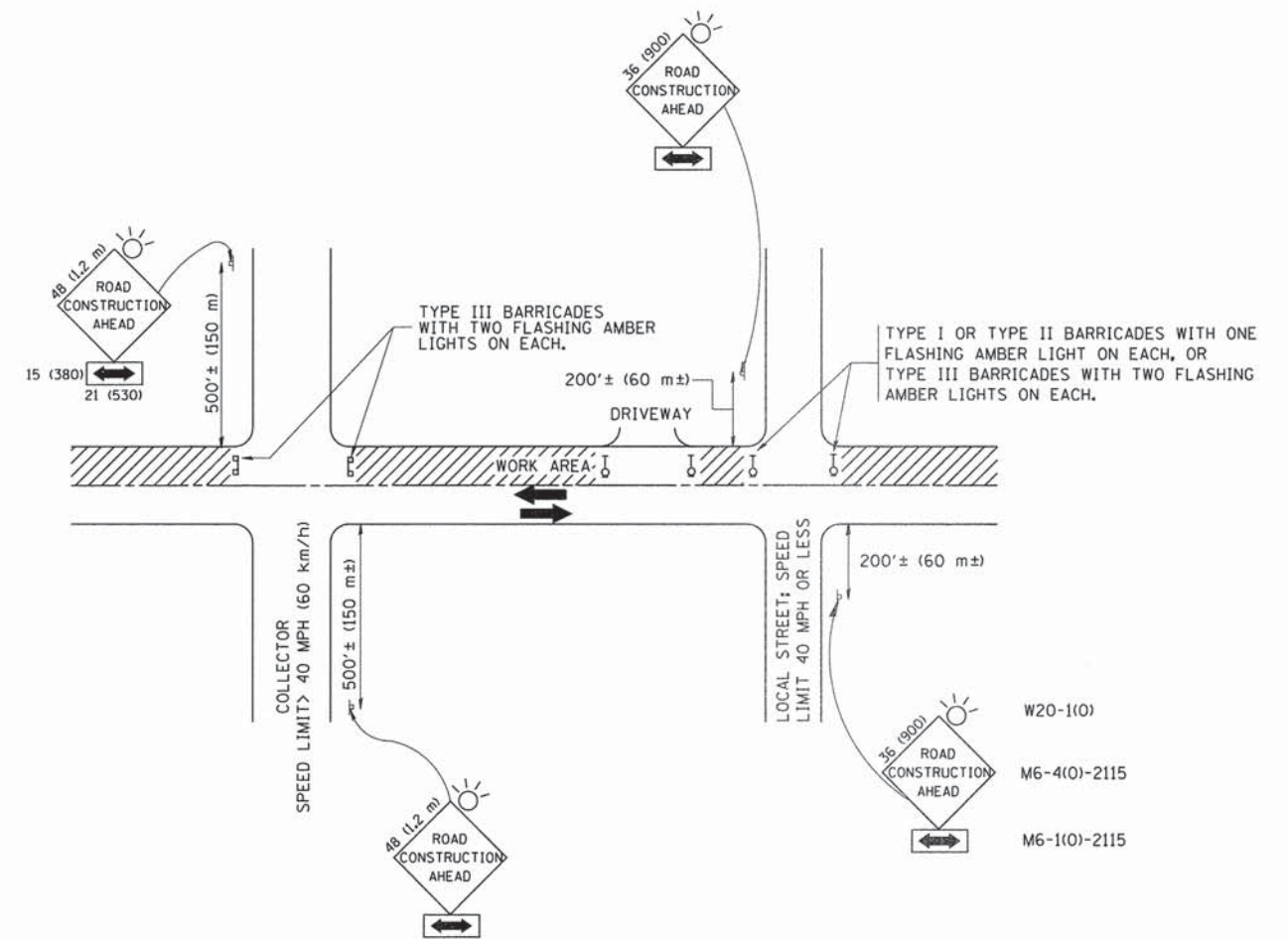
General Notes:
Design Loading: H10 or 90psf

USER NAME :	DESIGNED -	REVISED -
PLLOT SCALE :	CHECKED -	REVISED -
PLLOT DATE :	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT AND APPROACH SLAB DETAILS
(SHEET 2 OF 2)
SCALE: 1" = 20' H SHEET 16a OF 27 SHEETS STA. XX+xx TO STA. XX+xx

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	16a
			CONTRACT NO. 61A76	
ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 : 1 IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

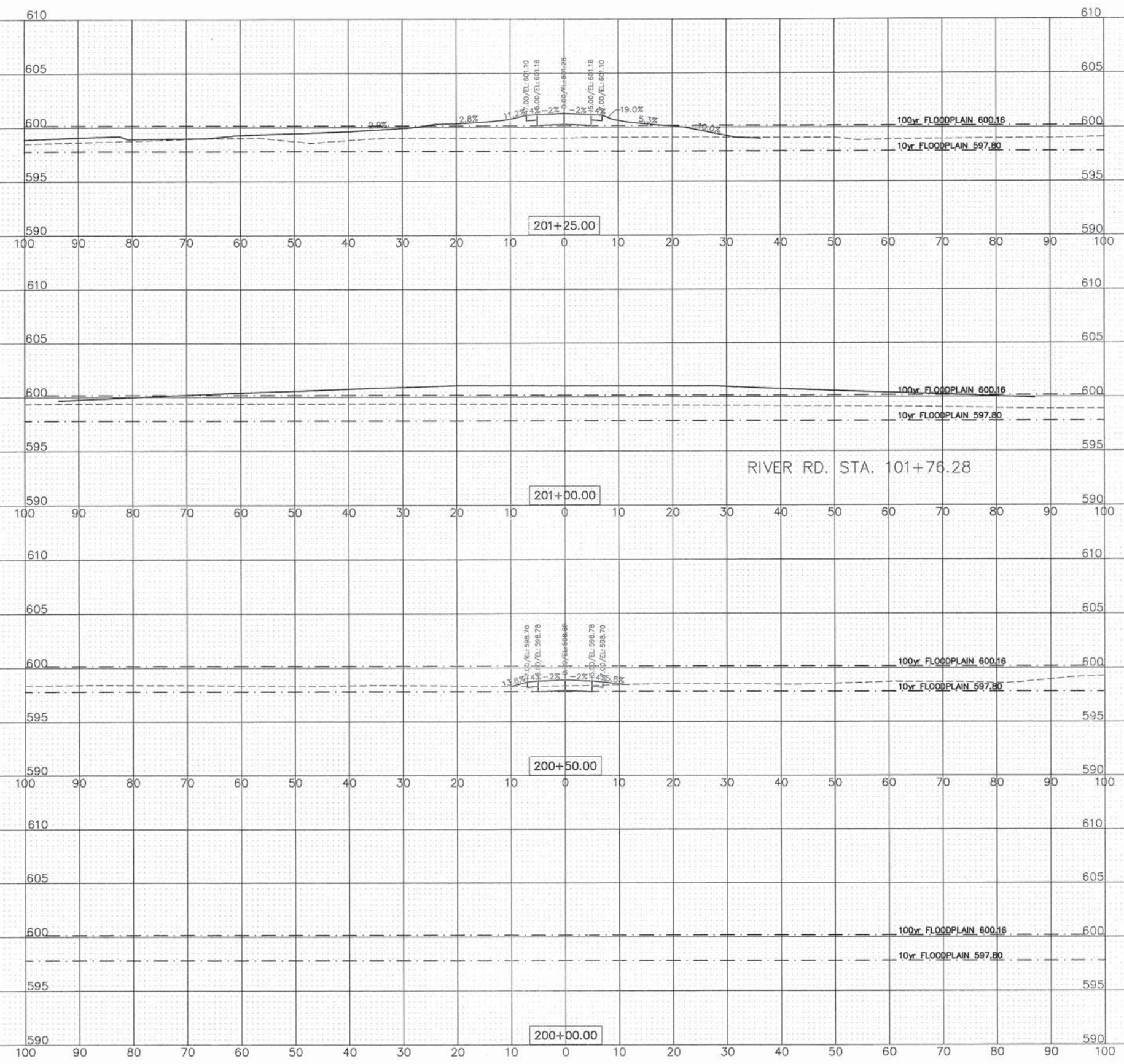
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			27	17
TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

DATE	
BY	
REVIEWED	
PROPOSED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
REVIEWED	
PROPOSED	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	



ENGINEERING RESOURCE ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

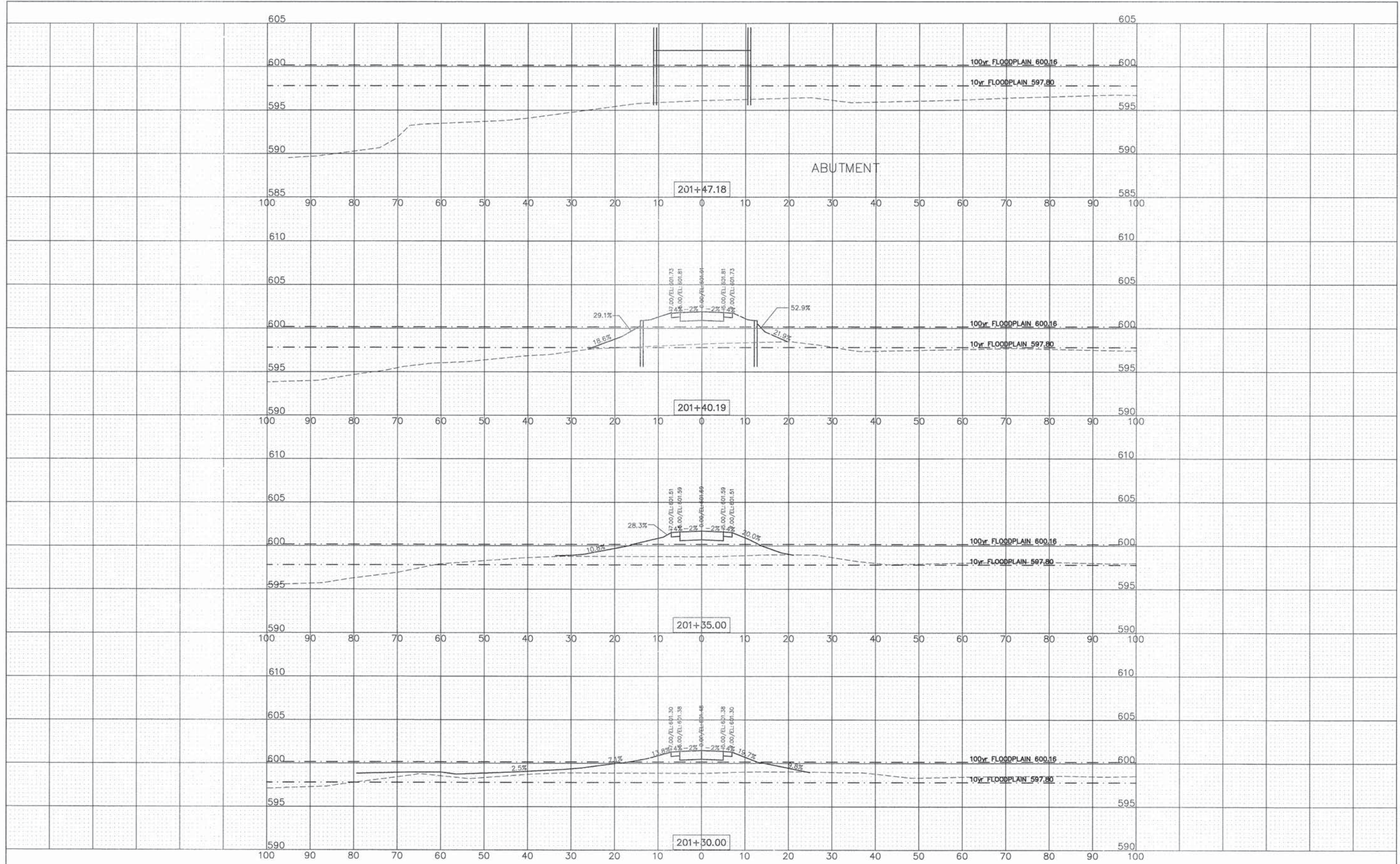
BRIDGE TRAIL
CROSS SECTIONS

SCALE: 1"=10'H/1"=5'V SHEET NO. 1 OF 7 SHEETS STA. 200+00 TO STA. 201+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	18
CONTRACT NO. 61A76				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	DATE
	PLOTTED	BY
	REVISIONS	
	REVIEWED	
	NO. OF M.A. CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	BY
	REVISIONS	
	REVIEWED	
	NO. OF M.A. CHECKED	
	STRUCTURE NOTATIONS CDRG	



ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS
& SURVEYORS

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FILE NAME = C:\Projects\130814 DuPage River
ToCAD\20130814 Cross Sections.dwg
PLOT SCALE = #SCALE#
PLOT DATE = 10/3/2014

DESIGNED	-	REVISD	-
DRAWN	-	REVISD	-
CHECKED	-	REVISD	-
DATE	06-05-14	REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

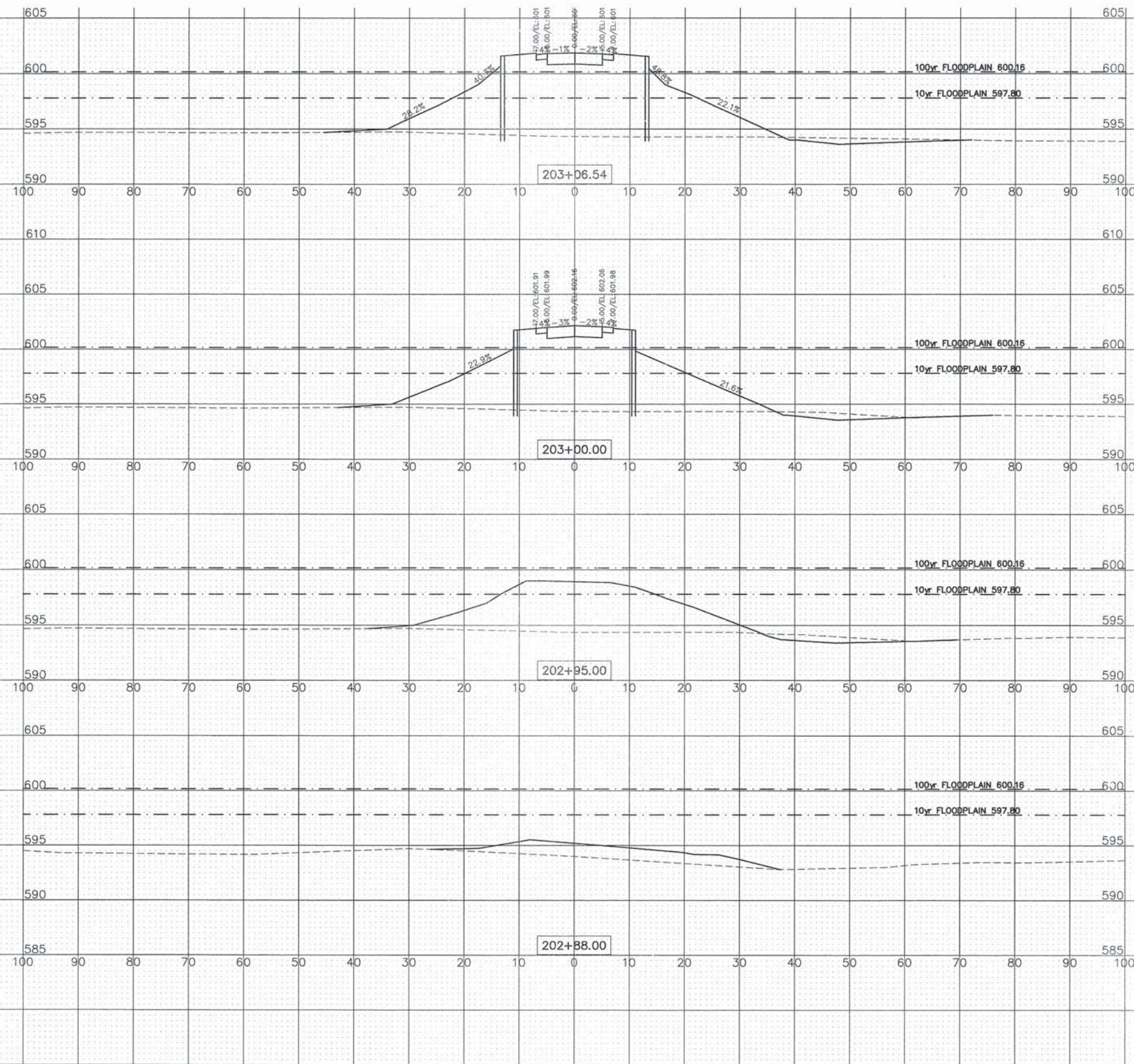
BRIDGE TRAIL
CROSS SECTIONS

SCALE: 1"=10'H/1"=5'V
SHEET NO. 2 OF 7 SHEETS
STA. 201+30 TO STA. 201+46.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P4015-00-BT	WILL	27	19
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

PLAN	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		
	CAD FILE NAME		

PROFILE	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		
	CAD FILE NAME		



ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS
& SURVEYORS

USER NAME = rtenner	DESIGNED - -	REVISED - - - -
FILE NAME = C:\Projects\130814 DuPage River	DRAWN - -	REVISED - - - -
Tr\GIS\130814 Cross Sections.dwg	CHECKED - -	REVISED - - - -
PLOT SCALE = #SCALE#	DATE - 06-05-14	REVISED - - - -
PLOT DATE = 10/3/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

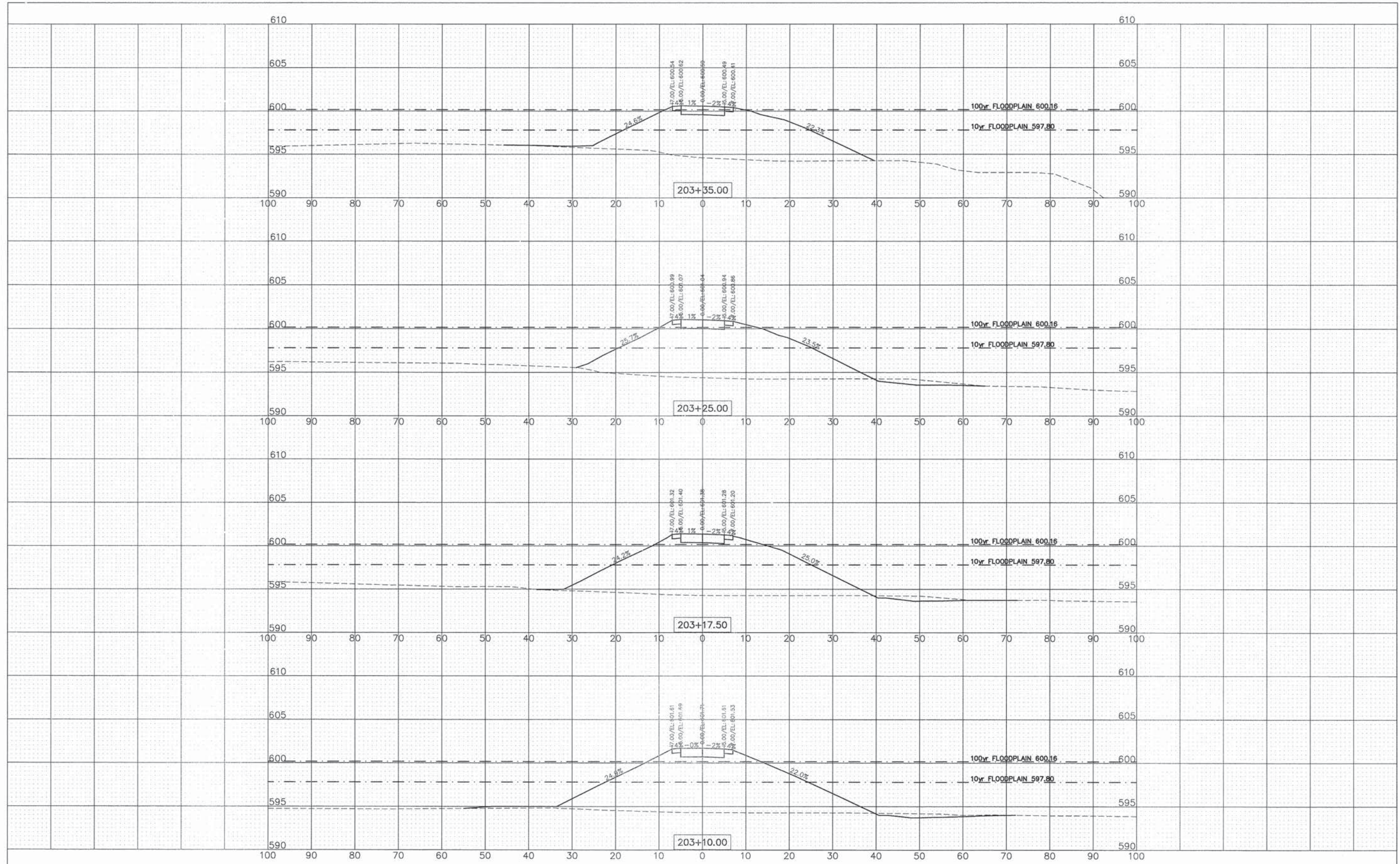
BRIDGE TRAIL
CROSS SECTIONS

SCALE: 1"=10'H=5'V SHEET NO. 3 OF 7 SHEETS STA. 202+88 TO STA. 203+06.54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	20
CONTRACT NO. 61A76				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	CHECKED	DATE
	PLOTTED	ALIGNED	
	NOTE BOOK	FILE NAME	
	NO.		

PROFILE	DESIGNED	CHECKED	DATE
	PLOTTED	ALIGNED	
	NOTE BOOK	FILE NAME	
	NO.		



ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS
& SURVEYORS

USER NAME = rttanner
FILE NAME = C:\Projects\132814 DuPage River
Trib\450132814 Cross Sections.dwg
PLOT SCALE = #SCALE#
PLOT DATE = 10/3/2014

DESIGNED - -
DRAWN - -
CHECKED - -
DATE - 06-05-14

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAIL
CROSS SECTIONS

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

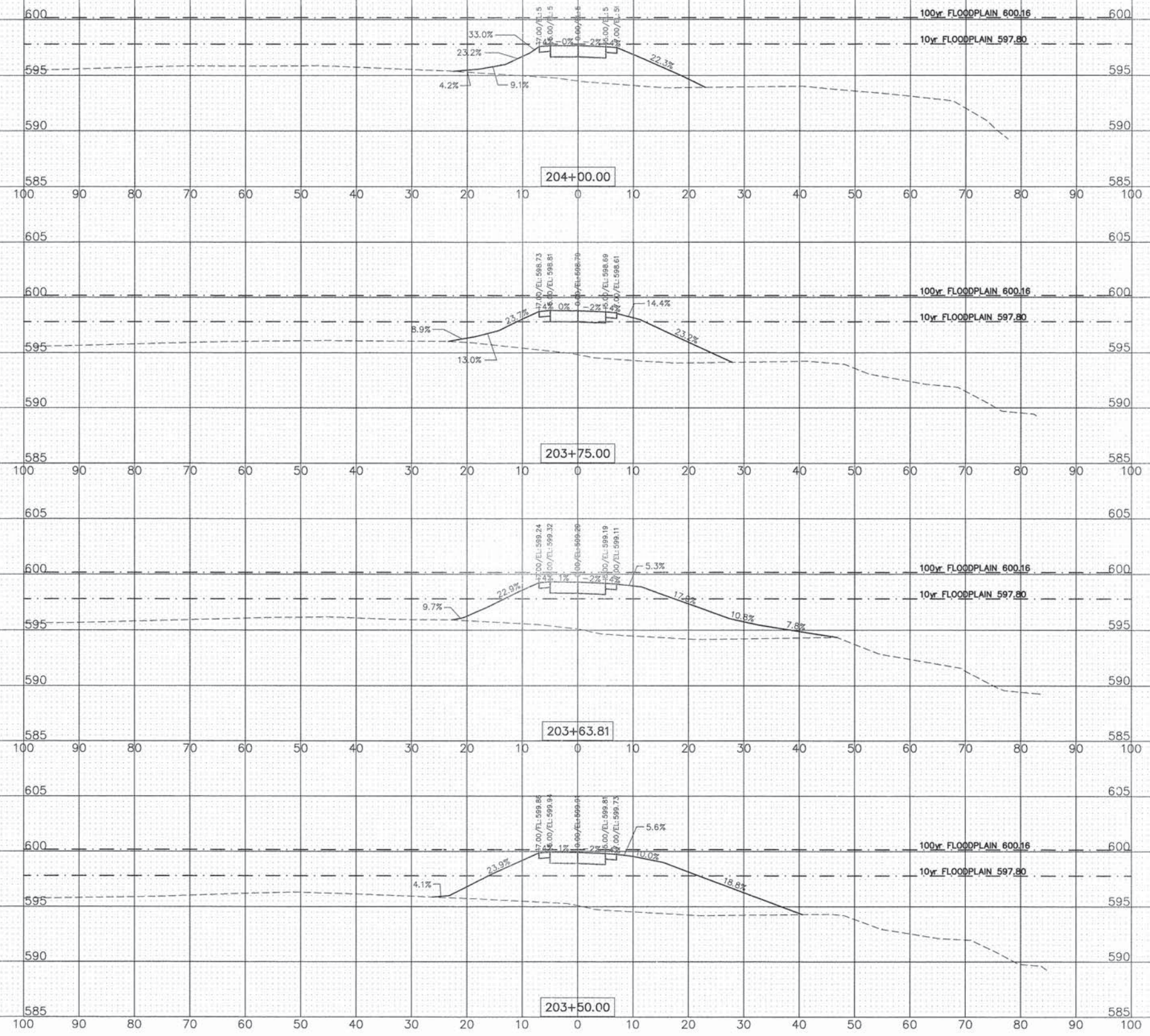
SHEET NO. 4 OF 7 SHEETS

STA. 203+10 TO STA. 203+35

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P4015-00-BT	WILL	27	21
			CONTRACT NO. 61A76	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE STATUS CHG	
	NO.	
	FILE NAME	
	NO.	
	FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE STATUS CHG	
	NO.	
	FILE NAME	
	NO.	
	FILE NAME	



USER NAME = r1anner
 FILE NAME = C:\Projects\130814 Dulpage River\130814 Cross Sections.dwg
 PLOT SCALE = #SCALE#
 PLOT DATE = 10/3/2014

DESIGNED - -
 DRAWN - -
 CHECKED - -
 DATE - 06-05-14

REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

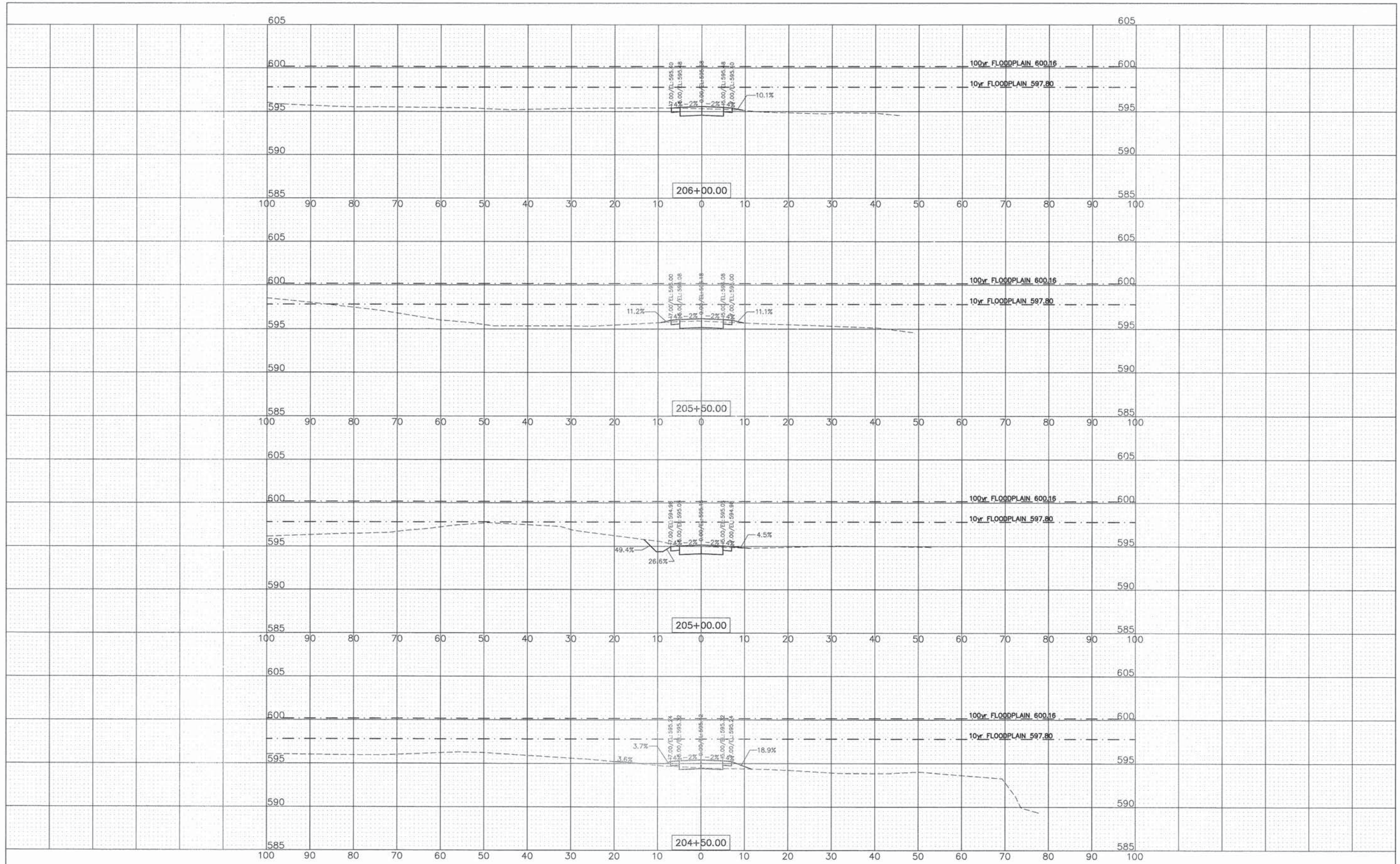
PROPOSED TRAIL
 CROSS SECTIONS

SCALE: 1"=10'H=1"=5'V SHEET NO. 5 OF 7 SHEETS STA. 203+50 TO STA. 204+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	22
			CONTRACT NO. 61A76	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	BY
	REVISIONS	
	REL. OF M.A. CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	BY
	REVISIONS	
	REL. OF M.A. CHECKED	
	STRUCTURE NOTATION CHRG	



ENGINEERING RESOURCE ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = rfaner	DESIGNED - -	REVISED - - - -
FILE NAME = C:\projects\13014 DuPage River\130140513014 Cross Sections.dwg	DRAWN - -	REVISED - - - -
PLOT SCALE = *SCALE*	CHECKED - -	REVISED - - - -
PLOT DATE = 10/3/2014	DATE - 06-05-14	REVISED - - - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

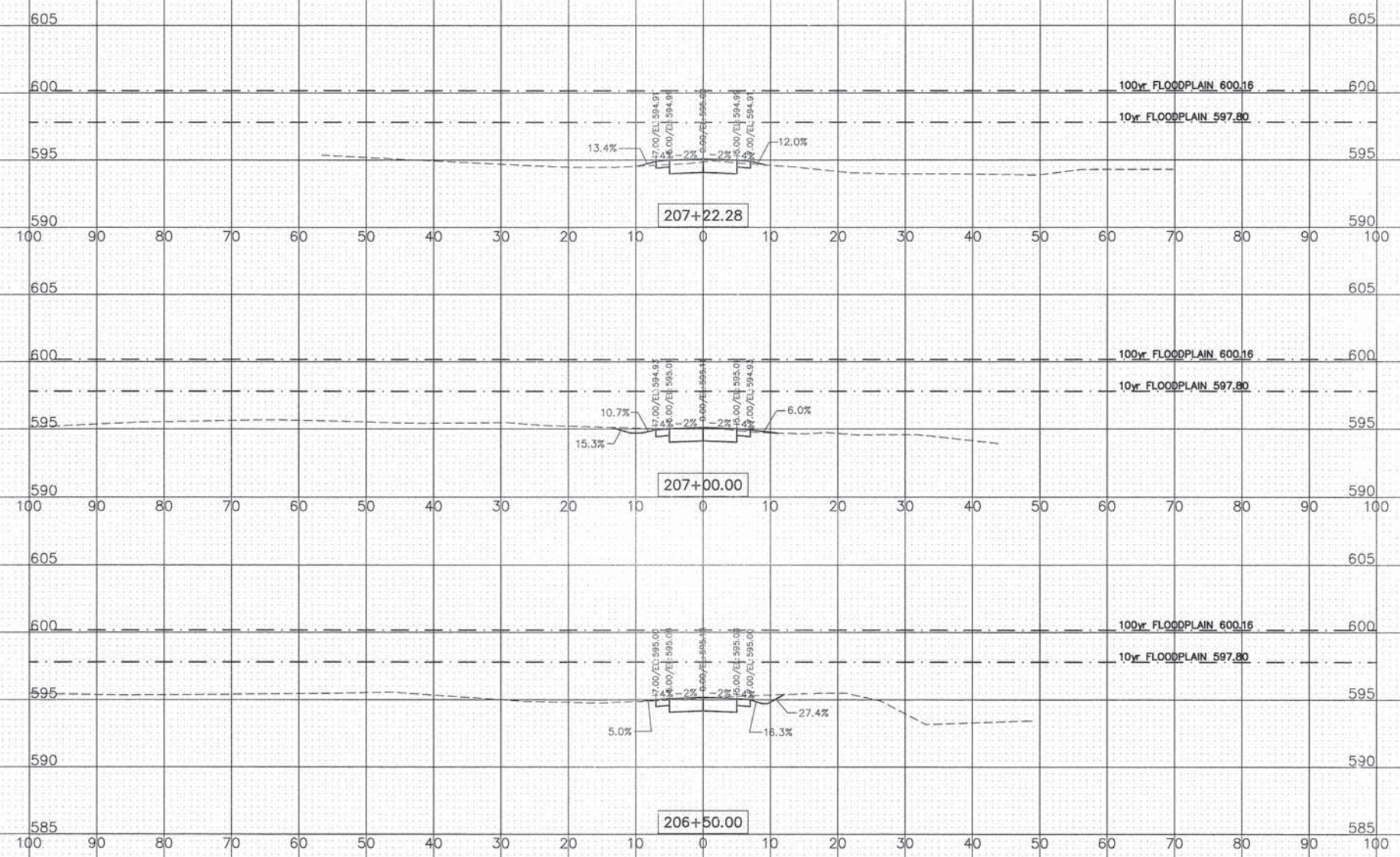
PROPOSED TRAIL
CROSS SECTIONS

SCALE: 1"=10'H@5'V SHEET NO. 6 OF 7 SHEETS STA. 204+50 TO STA. 206+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	23
			CONTRACT NO. 61A76	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	CHECKED	DATE
NO.	PLOTTED	BY	
	REVISIONS	FILE NAME	
	NO.	CADD FILE NAME	

PROFILE	DESIGNED	CHECKED	DATE
NO.	PLOTTED	BY	
	REVISIONS	FILE NAME	
	NO.	CADD FILE NAME	



ENGINEERING RESOURCE ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = rtenner	DESIGNED - -	REVISED - - -
FILE NAME = I:\Projects\120814_DuPage River\12081401\120814_Cross_Section.dwg	DRAWN - -	REVISED - - -
PLOT SCALE = #SCALE9	CHECKED - -	REVISED - - -
PLOT DATE = 10/3/2014	DATE - 06-05-14	REVISED - - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

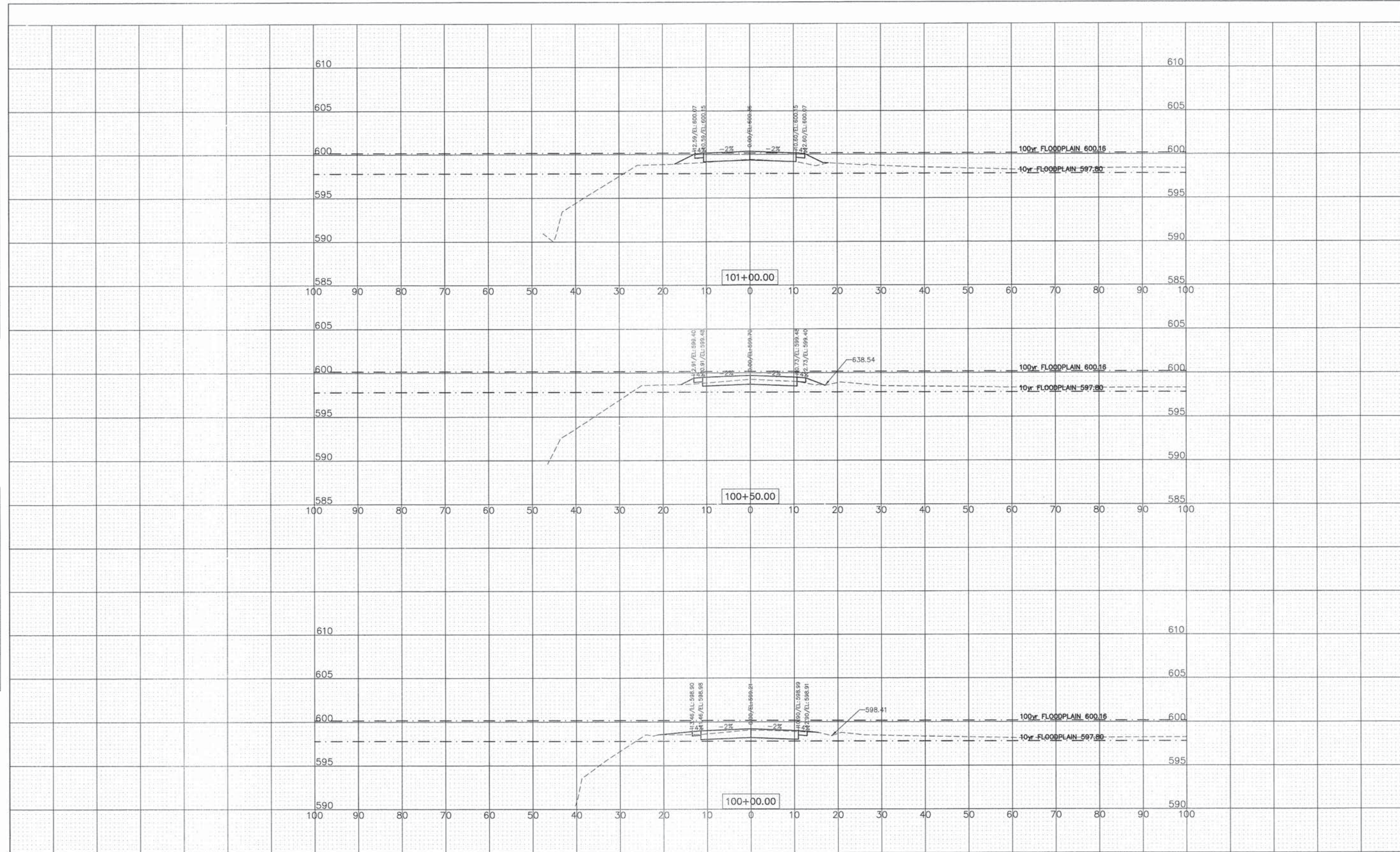
PROPOSED TRAIL
CROSS SECTIONS

SCALE: 1"=10'H/1"=5'V SHEET NO. 7 OF 7 SHEETS STA. 206+50 TO STA. 207+22.28

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P40IS-00-BT	WILL	27	24
			CONTRACT NO. 61A76	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

DATE	BY
REVISIONS	
ALPHABETICALLY CHECKED	
NOTE BOOK NO.	
FILE NAME	
PLANNING FILE NAME	

DATE	BY
REVISIONS	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	
PLANNING FILE NAME	



ENGINEERING RESOURCE ASSOCIATES, INC.	CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS	
USER NAME = rtonner	DESIGNED -	REVISED -
FILE NAME = C:\Projects\130014 DuPage River	DRAWN -	REVISED -
PROJECT = 130014 - Cross Sections.dwg	CHECKED -	REVISED -
PLOT SCALE = \$SCALE\$	DATE - 06-05-14	REVISED -
PLOT DATE = 10/3/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIVER ROAD
CROSS SECTIONS

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

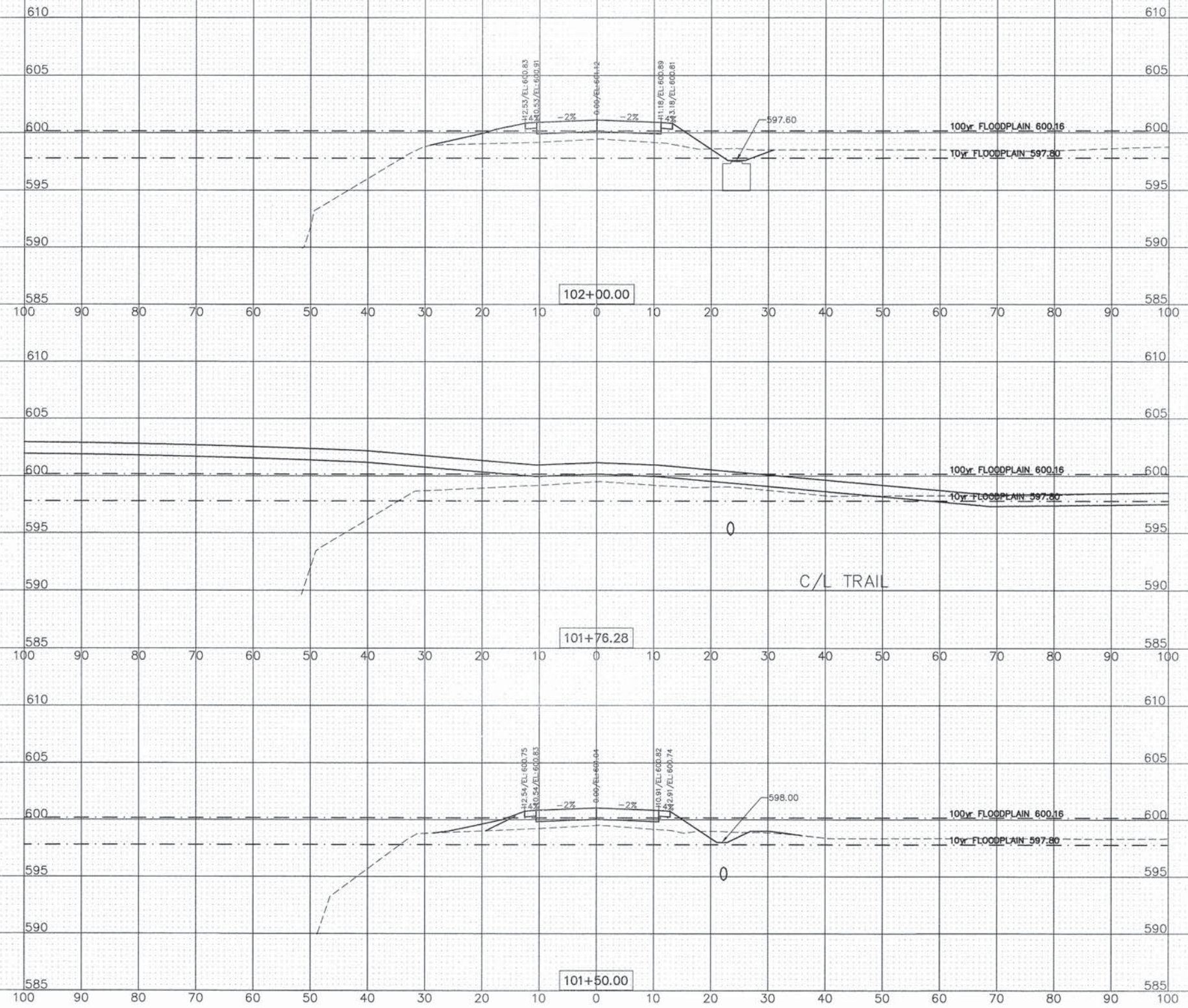
SHEET NO. 1 OF 3 SHEETS

STA. 100+00 TO STA. 101+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	I3-P4015-00-BT	WILL	27	25
			CONTRACT NO. 6IA76	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	REVISIONS		
	REVIEWED		
	BY		
	DATE		
	NO. _____		
	NOTE BOOK		
	NO. _____		
	FILE NAME		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	REVISIONS		
	REVIEWED		
	BY		
	DATE		
	NO. _____		
	NOTE BOOK		
	NO. _____		
	FILE NAME		
	NO. _____		



USER NAME = rtanner
 FILE NAME = C:\Projects\130814 DuPage River
 13-0405\130814 Cross Sections.dwg
 PLOT SCALE = 1/8"=1'-0"
 PLOT DATE = 10/3/2014

DESIGNED - -
 DRAWN - -
 CHECKED - -
 DATE - 06-05-14

REVISED - ---
 REVISED - ---
 REVISED - ---
 REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

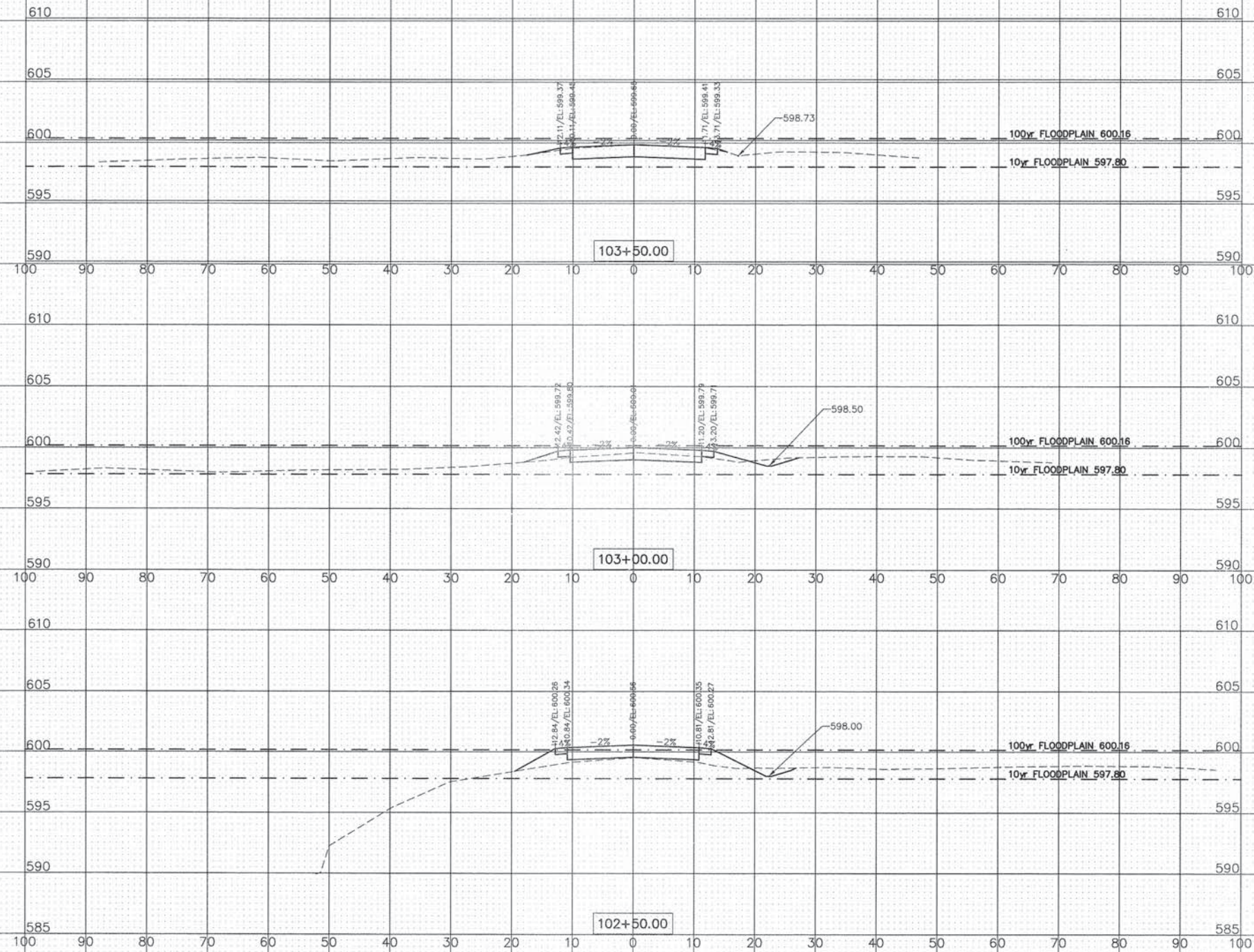
RIVER ROAD
CROSS SECTIONS

SCALE: 1"=10'H=5'V SHEET NO. 2 OF 3 SHEETS STA. 101+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	26
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A76	

PLAN	SUBMITTED	DATE
	PLOTTED	BY
	REVISIONS	
	REVIEWED	
	REVISIONS	
	REVIEWED	
	CADD FILE NAME	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	BY
	REVISIONS	
	REVIEWED	
	REVISIONS	
	REVIEWED	
	CADD FILE NAME	
	NO.	



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& SURVEYORS

USER NAME = rtanner
FILE NAME = C:\Projects\130814 DuPage River
Tr\CA\B\130814 Cross Sections.dwg
PLOT SCALE = #SCALE#
PLOT DATE = 10/3/2014

DESIGNED - -
DRAWN - -
CHECKED - -
DATE - 06-05-14

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIVER ROAD
CROSS SECTIONS

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

SHEET NO. 3 OF 3 SHEETS

STA. 102+50 TO STA. 103+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-P4015-00-BT	WILL	27	27
				CONTRACT NO. 61A76
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				