

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	1
FEDERAL AID PROJECT	ILLINOIS	CONTRACT NO. 97515		

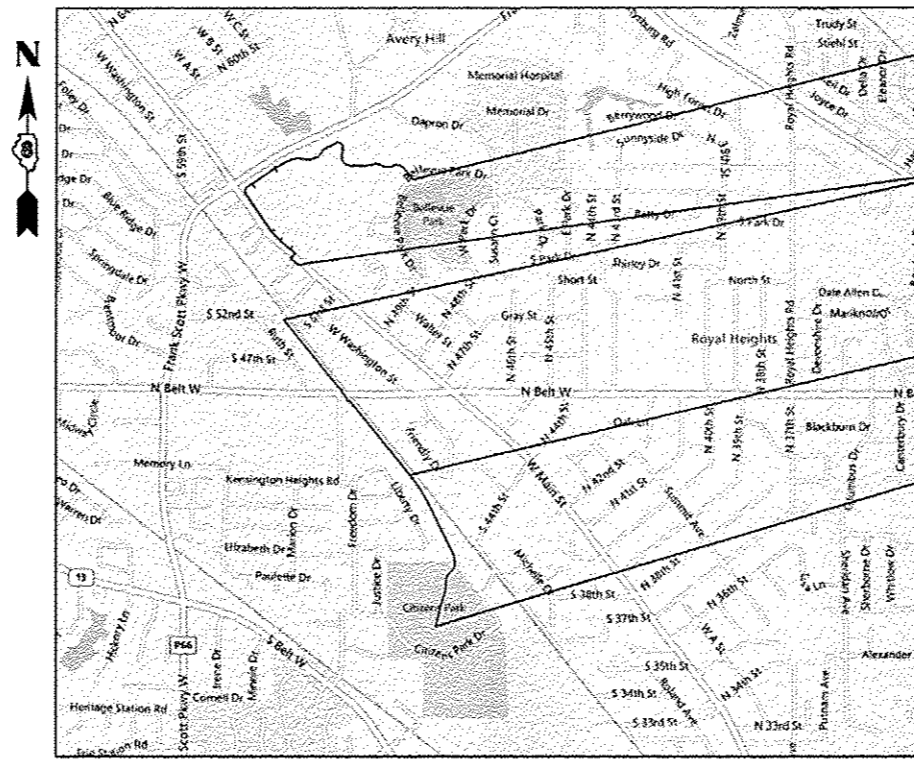
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DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
ENHANCEMENT PROJECT

CITY OF BELLEVILLE
WEST BELLEVILLE BIKETRAIL - PHASE I
SECTION 10-00215-00-BT
PROJECT NO. TE-D008(181)
ST. CLAIR COUNTY
JOB NO. C-98-324-11

FOR A LIST OF HIGHWAY STANDARDS, SEE SHEET 2.

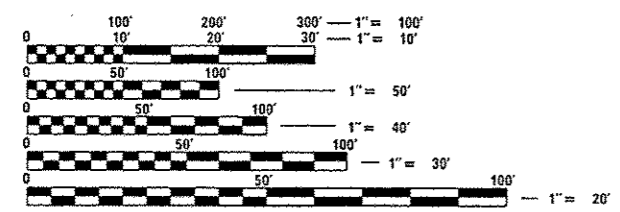


END CONSTRUCTION
STA. 85 + 95.05
(BELLEVUE PARK)

STA. 38 + 71.83 TO
STA. 50 + 25.58
CONSTRUCTION OMISSION
(52ND ST. AND 53RD ST.)
845 FT

STATION EQUATION
STA. 29 + 50.73 BK =
STA. 15 + 06.55 AH

BEGIN CONSTRUCTION
STA. 10 + 00.00
(CITIZEN'S PARK)

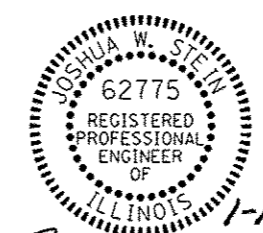


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

LOCATION MAP
 N.T.S.

LENGTH OF PROJECT
 GROSS LENGTH = 8,730.48 FT. = 1.654 MILES
 NET LENGTH = 7,885.48 FT. = 1.493 MILE



Joshua W. Stein
 JOSHUA W. STEIN, P.E.
 LICENSE NO. 062-062775 EXPIRATION DATE 11-30-2013

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED *Mark W. Eckert* 20 _____
 1-15-13
 MAYOR
 CITY OF BELLEVILLE

PASSED *21-13* 20 _____
Y. M. ...
 DISTRICT 8 ENGINEER
 LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW *February 1* 20 *13*
Jeffrey S. ...
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PREPARED BY:
 THOUVENOT, WADE & MOERCHEN, INC.

GENERAL

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS. FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

TREE REMOVAL

EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. THE ENGINEER SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE OR ADJUST THEIR FACILITIES. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER, THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB

UTILITIES - LOCATIONS INFORMATION ON PLANS

UNLESS NOTED OTHERWISE, THE TYPE, SIZE, DEPTH AND LOCATION OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS DELINEATED ON THE PLANS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE PLANS; THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE. THE EXISTING LOCATION OF ALL FIBER OPTIC, UNDERGROUND ELECTRIC, UNDERGROUND TELEPHONE, CABLE, WATER LINES AND PROPOSED SEWER FORCE MAIN LINES HAVE BEEN APPROXIMATED AT MINIMUM DEPTHS OF 24", 30", 24", 24", 30", AND 30" RESPECTIVELY.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

UTILITY OWNERS AND CONTACT INFORMATION

SANITARY SEWER CITY OF BELLEVILLE (618) 233-7146	TELEPHONE AT&T JASON LEHDE (618) 346-7292
ELECTRIC AMEREN IP ROB ROEHRIG (618) 236-6265	WATER ILLINOIS AMERICAN WATER CO STAN SCOTT (618) 239-3254
GAS AMEREN IP RON CRANNAGE (618) 236-6265	CABLE TELEVISION CHARTER COMMUNICATIONS (618) 779-4179

STORM SEWER/CULVERTS

ALL DRAINAGE STRUCTURES THAT REQUIRE A PRECAST REINFORCED CONCRETE FLAT SLAB TOP ARE INDICATED WITH THE ABBREVIATION F.S.T. ON THE PLANS. THE TOP OF STRUCTURE ELEVATIONS SHOWN ON THE PLANS, INDICATED BY T.O.S., REPRESENT THE FOLLOWING ELEVATION FOR THE VARIOUS CASTINGS/STRUCTURES ASSOCIATED WITH THIS PROJECT:

- TYPE 1 FRAME AND LID - TOP OF FRAME/LID
- TYPE 8 GRATE - FLOW LINE OF GRATE

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE STORM SEWERS REQUIRED PRIOR TO ORDERING THESE ITEMS.

EXISTING DITCHES/SWALES WILL NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSSROAD CULVERT, POND OR OTHER DRAINAGE APPURTENANCES.

EROSION CONTROL

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE EROSION CONTROL PLAN.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

TRAFFIC CONTROL

ALL EXISTING PAVEMENT MARKING REMOVAL IS INCLUDED IN THE QUANTITY PAVEMENT MARKING REMOVAL AND ALL WORK ZONE, SHORT-TERM, AND TEMPORARY PAVEMENT MARKING REMOVAL IS INCLUDED IN THE QUANTITY WORK ZONE PAVEMENT MARKING REMOVAL.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING. ACCORDING TO SECTION 701 OF THE CURRENT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF BELLEVILLE AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

PAVEMENT

THE REMOVAL OF ALL EXISTING CONCRETE ENTRANCE PAVEMENT HAS BEEN INCLUDED IN THE DRIVEWAY PAVEMENT REMOVAL QUANTITY.

CONTINUOUS PAVING OPERATIONS ON THE MAINLINE SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

DESIGN CROSS SLOPES

THE PLANS HAVE BEEN PREPARED WITH A MAXIMUM CROSS SLOPE OF 2.00% MEETING ADA/PROWAG REQUIREMENTS. IT IS RECOMMENDED THAT THE CONTRACTOR CONSTRUCT THE CROSS SLOPES LESS THAN 2.00% (APPROXIMATELY 1.50%) IN ORDER TO PROVIDE A TOLERANCE FOR CONSTRUCTING THE CROSS SLOPES.

ANY CROSS SLOPES GREATER THAN 2.00% WILL NOT BE ALLOWED.

COMMITMENTS



TRAFFIC CONTROL ON NORTH BELT WEST SHALL BE COORDINATED WITH I.D.O.T. DISTRICT 8 PRIOR TO CONSTRUCTION.

HIGHWAY STANDARDS

000001 - 06	Standard Symbols, Abbreviations and Patterns
001001 - 02	Areas of Reinforcement Bars
001006	Decimal of Inch and Foot
280001 - 07	Temporary Erosion Control Systems
424001 - 07	Perpendicular Curb Ramps for Sidewalks
424016 - 01	Mid-Block Curb Ramps for Sidewalks
424026 - 01	Entrance/Alley Pedestrian Crossings
424031 - 01	Median Pedestrian Crossings
542401 - 01	Metal End Section for Pipe Culverts
602306 - 03	Inlet Type B
602406 - 05	Manhole Type A (6' (1.8 m) Diameter)
602601 - 02	Precast Reinforced Concrete Flat Slab Top
602701 - 02	Manhole Steps
604001 - 03	Frame and Lids Type 1
604036 - 02	Grate Type 8
606001 - 05	Concrete Curb Type B and Combination Concrete Curb and Gutter
701101 - 03	Off-Road Operations, Multilane, 15' (4.5m) to 24" (600mm) from Pavement Edge
701106 - 02	Off-Road Operations, Multilane, More than 15' (4.5m) Away
701601 - 08	Urban Lane Closure, Multilane, 1W or 2W with Nontraversable Median
701602 - 06	Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane
701801 - 05	Sidewalk, Corner or Crosswalk Closure
701901 - 02	Traffic Control Devices
720001 - 01	Sign Panel Mounting Details
728001 - 01	Telescoping Steel Sign Support
731001 - 01	Base for Telescoping Steel Sign Support
780001 - 03	Typical Pavement Markings
805001 - 01	Electrical Service Installation Details
814001 - 02	Handholes
836001 - 02	Light Pole Foundation
873001 - 02	Traffic Signal Grounding & Bonding
878001 - 09	Concrete Foundation Details
880001 - 01	Span Wire Mounted Signals and Flashing Beacon Installation
886001 - 01	Detector Loop Installations
886006 - 01	Typical Layouts for Detection Loops

HOT-MIX-ASPHALT MIXTURE REQUIREMENTS	
MIXTURE USE	SURFACE
AC/PG	PG64-22
RAP %	20
DESIGN AIR VOIDS	4.0% @ Ndes = 50
MIX COMPOSITION (GRADUATION MIXTURE)	IL 9.5
FRICTION AGG	MIXTURE "C"

PLOT SCALE: 40.0000 / 1" = 40.0000' / 1" PLOT DATE: 04/2003
 PLOTTED BY: Jprein
 FILE NAME: P:\1068\4-CADD - DWG\4-2-TR\Sheet\1068-shr-gannote.dgn



REVISED -	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 WWW.TWM-ROAD-CONSTRUCTION-STATE-ST. CLAIR	 	CITY OF BELLEVILLE	GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	DRAWN - JWS/KMO					10-00215-00-BT	ST. CLAIR	129	2	
REVISED -	CHECKED - SJK					CONTRACT NO. 97515				
REVISED -	DATE - 01-2013					ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		

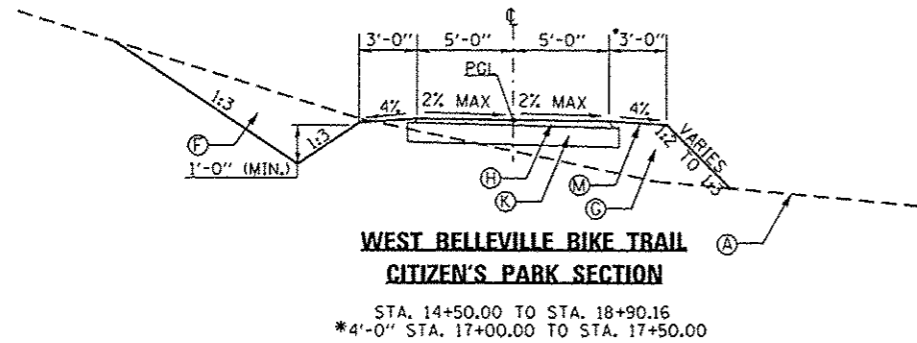
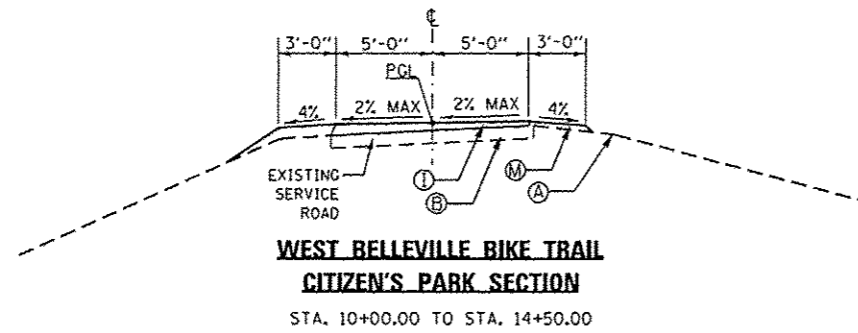
ITEM NO	PAY ITEM	UNIT	TOTAL
20100500	TREE REMOVAL, ACRES	ACRE	1.25
20200100	EARTH EXCAVATION	CU YD	5750
20400800	FURNISHED EXCAVATION	CU YD	2535
20800150	TRENCH BACKFILL	CU YD	67
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3801
25000110	SEEDING, CLASS 1A	ACRE	1.50
25000305	SEEDING, CLASS 3A	ACRE	1.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	210
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	210
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	210
25100115	MULCH, METHOD 2	ACRE	1.50
25100630	EROSION CONTROL BLANKET	SQ YD	4513
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	460
28000305	TEMPORARY DITCH CHECKS	FOOT	264
28000400	PERIMETER EROSION BARRIER	FOOT	5176
28000500	INLET AND PIPE PROTECTION	EACH	17
28100107	STONE RIPRAP, CLASS A4	SQ YD	482
28200200	FILTER FABRIC	SQ YD	482
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2451
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3043
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	983
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	450
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3253
42400800	DETECTABLE WARNINGS	SQ FT	206
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	393
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	96
44000600	SIDEWALK REMOVAL	SQ FT	6023
50901760	PIPE HANDRAIL	FOOT	321
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	47
54200229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	9
54201063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	29
54201087	PIPE CULVERTS, CLASS D, TYPE 2 42"	FOOT	7
54201939	PIPE CULVERTS, CLASS D, TYPE 3 54"	FOOT	310
54215553	METAL END SECTIONS 18"	EACH	4
54215559	METAL END SECTIONS 24"	EACH	2
54215577	METAL END SECTIONS 42"	EACH	1
54215589	METAL END SECTIONS 54"	EACH	8
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60240301	INLETS, TYPE B, TYPE B GRATE	EACH	1
60600605	CONCRETE CURB, TYPE B	FOOT	127
67100100	MOBILIZATION	L SUM	1

ITEM NO	PAY ITEM	UNIT	TOTAL
* 72000100	SIGN PANEL - TYPE 1	SQ FT	354
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	988
* 73000100	WOOD SIGN SUPPORT	FOOT	33
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4694
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	794
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	356
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	146
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	2
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	8
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	628
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	2
* 85800100	FLASHER CONTROLLER	EACH	1
* 85800300	FLASHER CONTROLLER, WITHOUT CABINET	EACH	1
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	371
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	320
* 87301817	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 4 C	FOOT	58
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	408
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
* 88000105	FLASHING BEACON INSTALLATION	EACH	2
* 88500530	INDUCTION LOOP DETECTOR AMPLIFIER (SPECIAL)	EACH	2
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	132
Z0004002	BOLLARDS	EACH	16
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	3
Z0025505	PROPERTY MARKERS	EACH	2
Z0064560	SEGMENTAL BLOCK RETAINING WALL	SQ FT	1106
Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	2
Z0077900	WOOD POST AND RAIL FENCE	FOOT	1533
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	4
* X0324915	RELOCATE LIGHTING UNITS AND POLES	EACH	2
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	300
X0329905	RELOCATE GATE POSTS AND GATE	EACH	1
X0350805	FOLD DOWN BOLLARDS	EACH	8
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	226
X4403800	MEDIAN SURFACE REMOVAL	SQ FT	67
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
* X8008879	RADIO COMMUNICATIONS SYSTEM	EACH	1

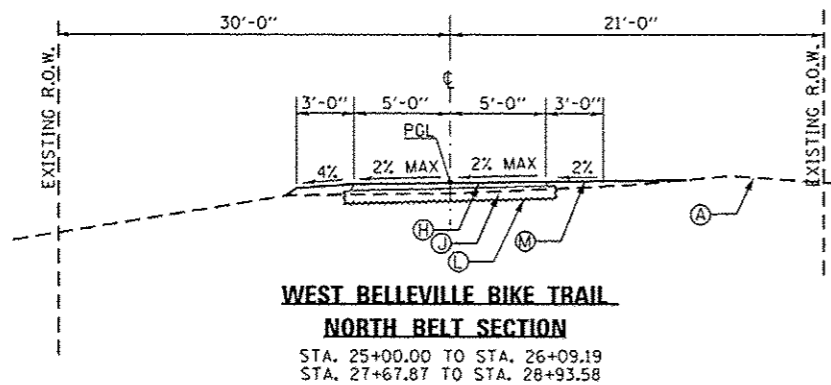
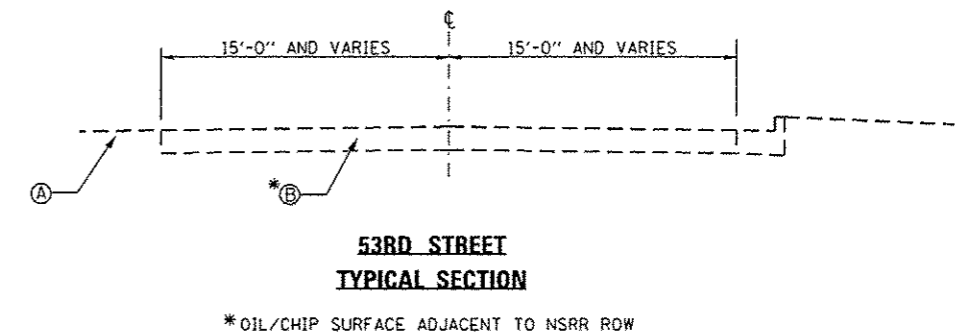
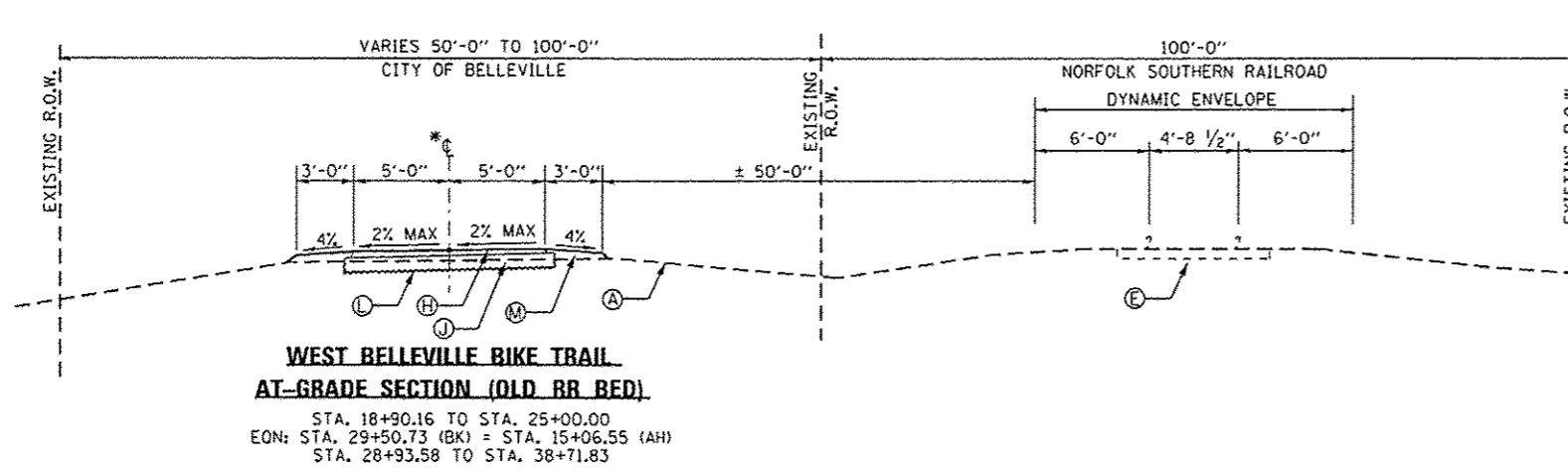
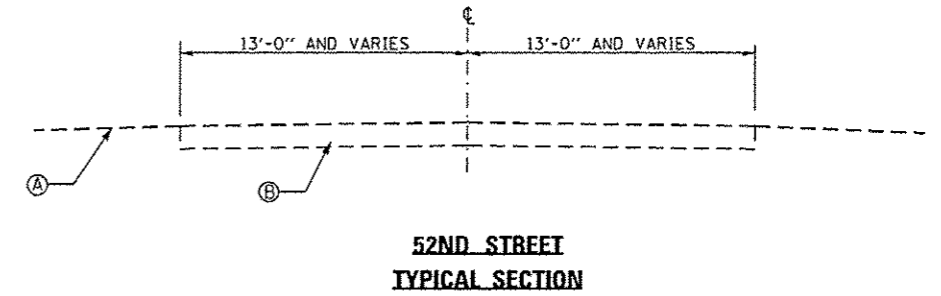
* SPECIALTY ITEMS

PLOT SCALE: 200.0000' / IN. PLOT DATE: 2/2/2003 2:31:53 PM

DESIGNED - JWS/KMD	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.824.4488 Fax: 618.824.0988			CITY OF BELLEVILLE	SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - JWS/KMD	CHECKED - SJK	DATE - 01-2013	EXCEPTIONAL SERVICE. NOTHING LESS.	I.L.L.I.N.O.I.S		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10-00215-00-BT	ST. CLAIR	129	3
											CONTRACT NO. 97515		
											ILLINOIS FED. AID PROJECT		



CONSTRUCTION OMISSION:
53RD ST. AND 52ND ST. PROPOSED
SHARED-USE PATH WILL UTILIZE EXISTING
ROADWAY.



SEE GEOMETRIC DETAIL SHEETS
STA. 26+09.19 TO STA. 27+67.87

NOTES:
SEE CROSS SECTIONS FOR
CROSS SLOPES. CROSS
SLOPES SHALL BE A
MAXIMUM OF 2.00%.

LEGEND

- (A) EXISTING EMBANKMENT/GROUND
- (B) EXISTING PAVEMENT
- (C) EXISTING COMB. CURB & GUTTER
- (D) EXISTING SIDEWALK
- (E) EXISTING ACTIVE RAILROAD
- (F) PROPOSED EARTH EXCAVATION
- (G) PROPOSED EMBANKMENT
- (H) PROPOSED HMA SURFACE COURSE,
- (I) PROPOSED HMA SURFACE COURSE, VARIABLE DEPTH
- (J) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 4"
- (K) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 6"
- (L) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (M) PROPOSED EARTH SHOULDERS
- (N) PROPOSED RETAINING WALL
- (O) PROPOSED HANDRAIL/FENCE

PLOT SCALE: 10.0000' / in. PLOT DATE: 04/2013 9:53:04 AM

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

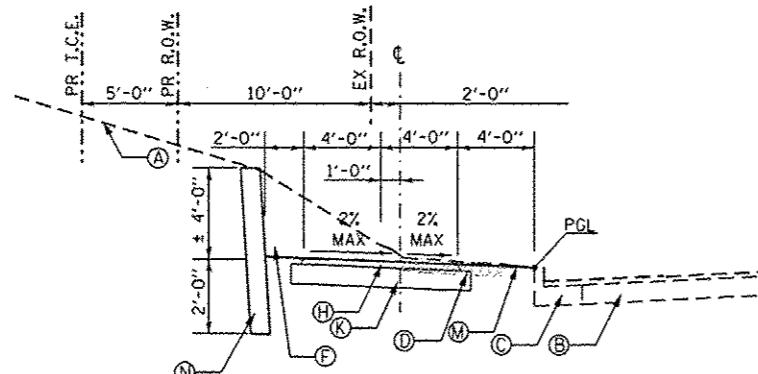
**THOUVENOT,
WADE &
MOERCHEN, INC.**
CORPORATE OFFICE
4940 Old Collinsville Road
Swarren, Illinois 62226
Tel: 618.824.4488
Fax: 618.824.6888
MINOR - WARREN - EDWARDSVILLE - ST. LOUIS - ST. CHARLES



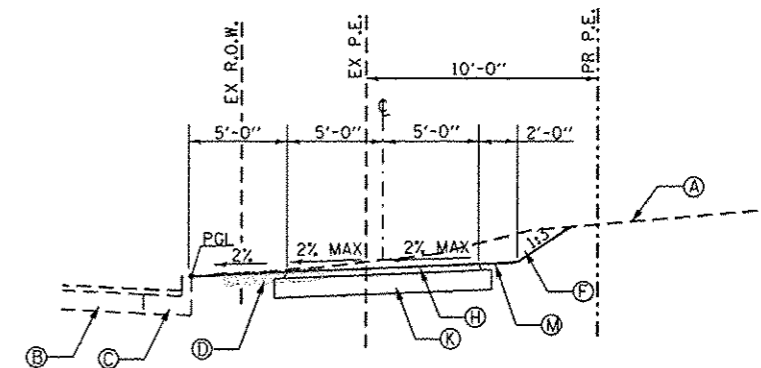
CITY OF BELLEVILLE

TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 1 OF 3 SHEETS
STA.	TO STA.

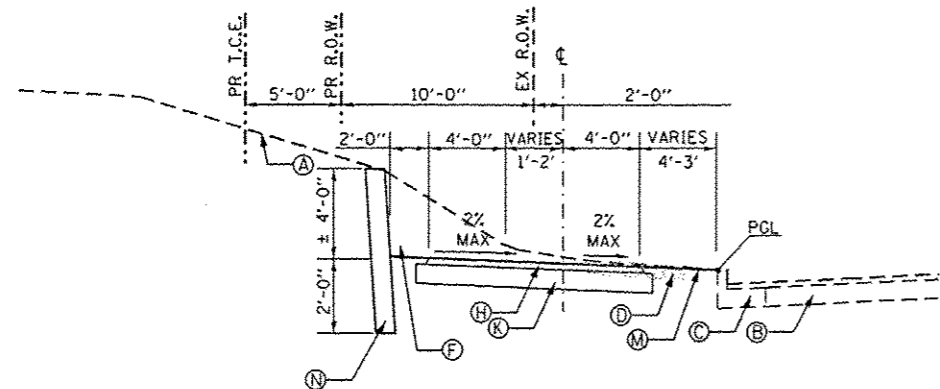
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	4
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(SOUTH OF MAIN ST.)
STA. 50+39.05 TO STA. 50+85.01

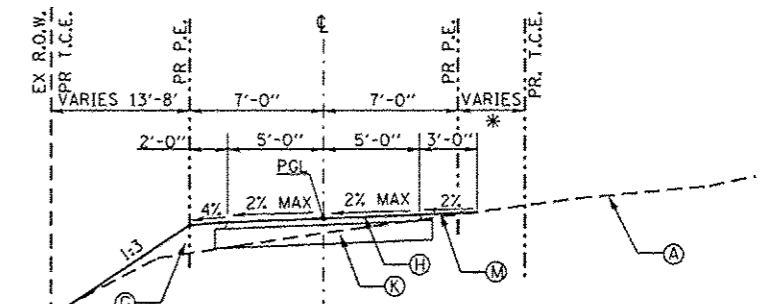


**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(NORTH OF MAIN ST.)
STA. 53+02.74 TO STA. 53+96.55
STA. 54+44.67 TO STA. 54+65.93
STA. 55+87.60 TO STA. 59+37.34
STA. 60+02.34 TO STA. 61+30.00



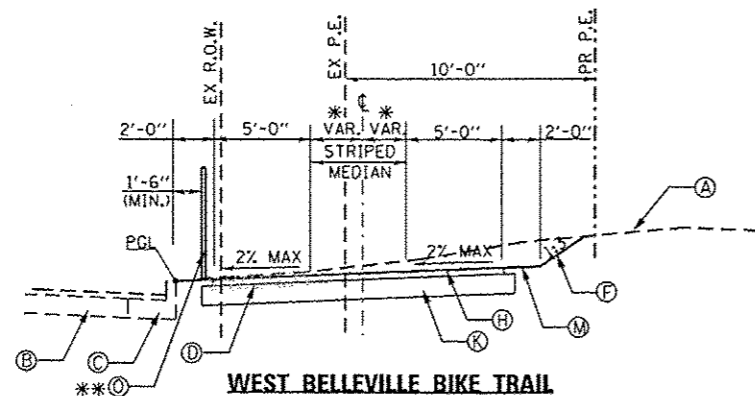
**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(SOUTH OF MAIN ST.)
STA. 50+85.01 TO STA. 51+05.02

SEE GEOMETRIC DETAIL SHEETS
STA. 51+05.02 TO STA. 52+08.07
STA. 52+52.86 TO STA. 53+02.74
STA. 53+96.55 TO STA. 54+44.67
STA. 55+43.38 TO STA. 55+87.60
STA. 62+37.20 TO STA. 62+81.19
STA. 65+58.78 TO STA. 66+01.68



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(SOUTH OF FRANK SCOTT PARKWAY)
STA. 61+25.00 TO STA. 62+37.20
STA. 62+81.19 TO STA. 65+58.78
STA. 66+01.68 TO STA. 67+00.00

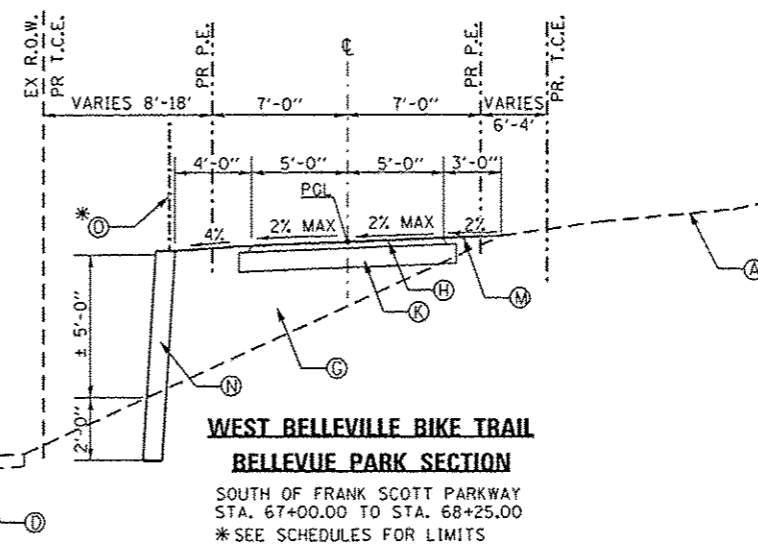
*VARIES
STA. 61+25.00 TO STA. 62+82.09 = 9'
STA. 62+82.09 TO STA. 65+33.43 = 4.25'
STA. 65+33.43 TO STA. 66+58.60 = 25'
STA. 66+58.60 TO STA. 67+00.00 = 6'



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(NORTH OF MAIN ST.)
STA. 52+08.07 TO STA. 52+52.86
STA. 54+65.93 TO STA. 55+43.38
STA. 59+37.34 TO STA. 60+02.34

* VARIES
STA. 51+94.75 TO STA. 52+08.07 = 5'
STA. 52+08.07 TO STA. 52+28.07 = 5'-7"
STA. 52+28.07 TO STA. 52+33.07 = 7"
STA. 52+33.07 TO STA. 52+52.86 = 7'-4"

**SEE SCHEDULES FOR LIMITS



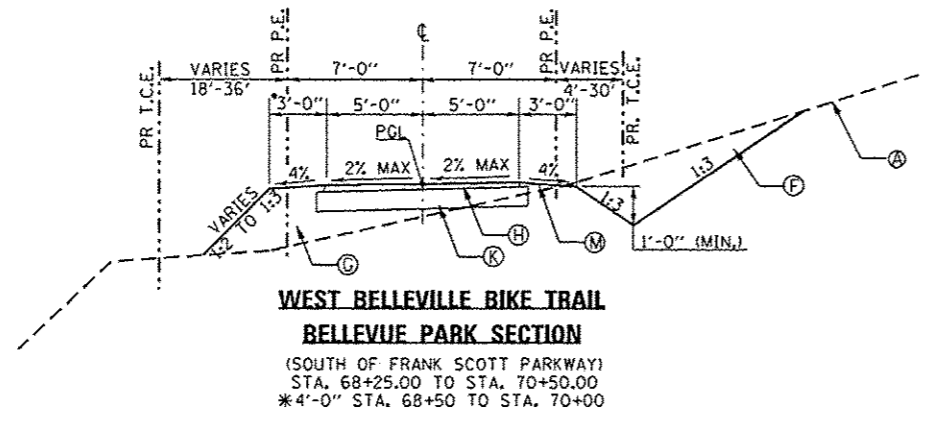
**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
SOUTH OF FRANK SCOTT PARKWAY
STA. 67+00.00 TO STA. 68+25.00
* SEE SCHEDULES FOR LIMITS

LEGEND

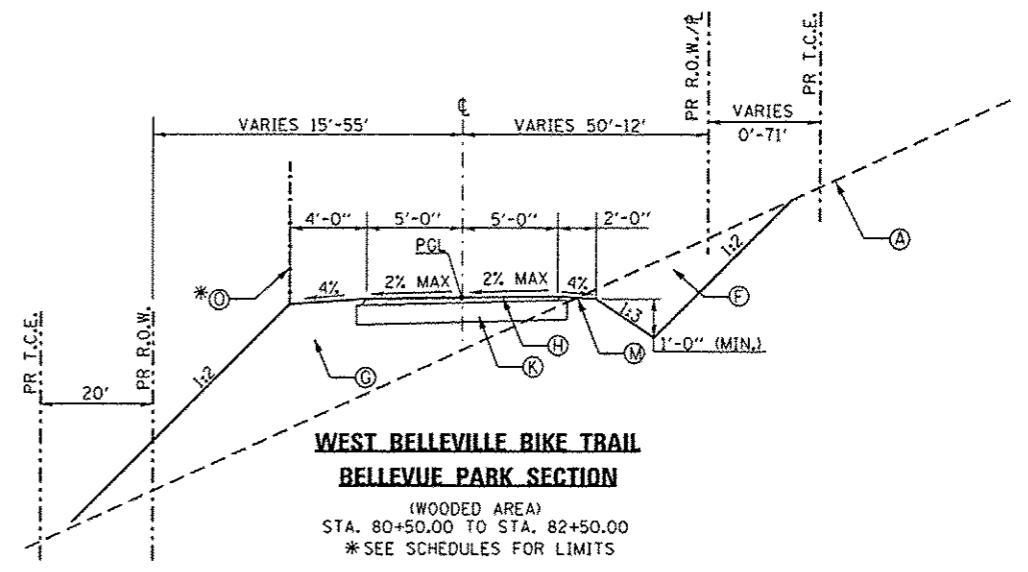
- (A) EXISTING EMBANKMENT/GROUND
- (B) EXISTING PAVEMENT
- (C) EXISTING COMB. CURB & GUTTER
- (D) EXISTING SIDEWALK
- (E) EXISTING ACTIVE RAILROAD
- (F) PROPOSED EARTH EXCAVATION
- (G) PROPOSED EMBANKMENT
- (H) PROPOSED HMA SURFACE COURSE
- (I) PROPOSED HMA SURFACE COURSE, VARIABLE DEPTH
- (J) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 4"
- (K) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 6"
- (L) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (M) PROPOSED EARTH SHOULDERS
- (N) PROPOSED RETAINING WALL
- (O) PROPOSED HANDRAIL/FENCE

PLOT SCALE: 1/8"=1'-0" / in. PLOT DATE: 1/14/2013 9:53:05 AM
 PLOTTED BY: jstn@ch

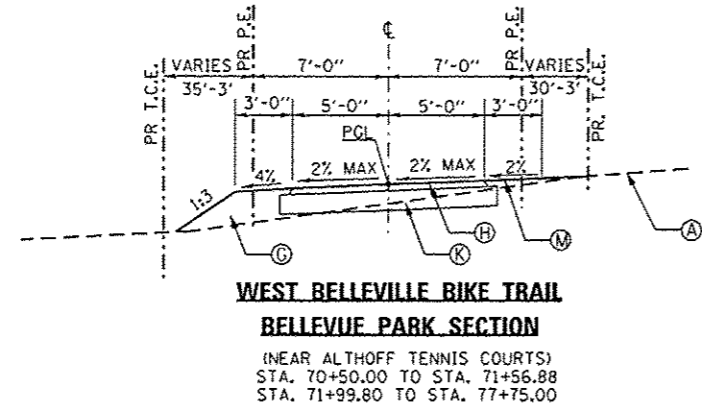
REVISED -	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small> 	CITY OF BELLEVILLE 	TYPICAL SECTIONS SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	DRAWN - JWS/KMO					10-00215-00-BT	ST. CLAIR	129	5	
REVISED -	CHECKED - SJK			ILLINOIS FED. AID PROJECT CONTRACT NO. 97515						
REVISED -	DATE - 01-2013									



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(SOUTH OF FRANK SCOTT PARKWAY)
STA. 68+25.00 TO STA. 70+50.00
*4'-0" STA. 68+50 TO STA. 70+00

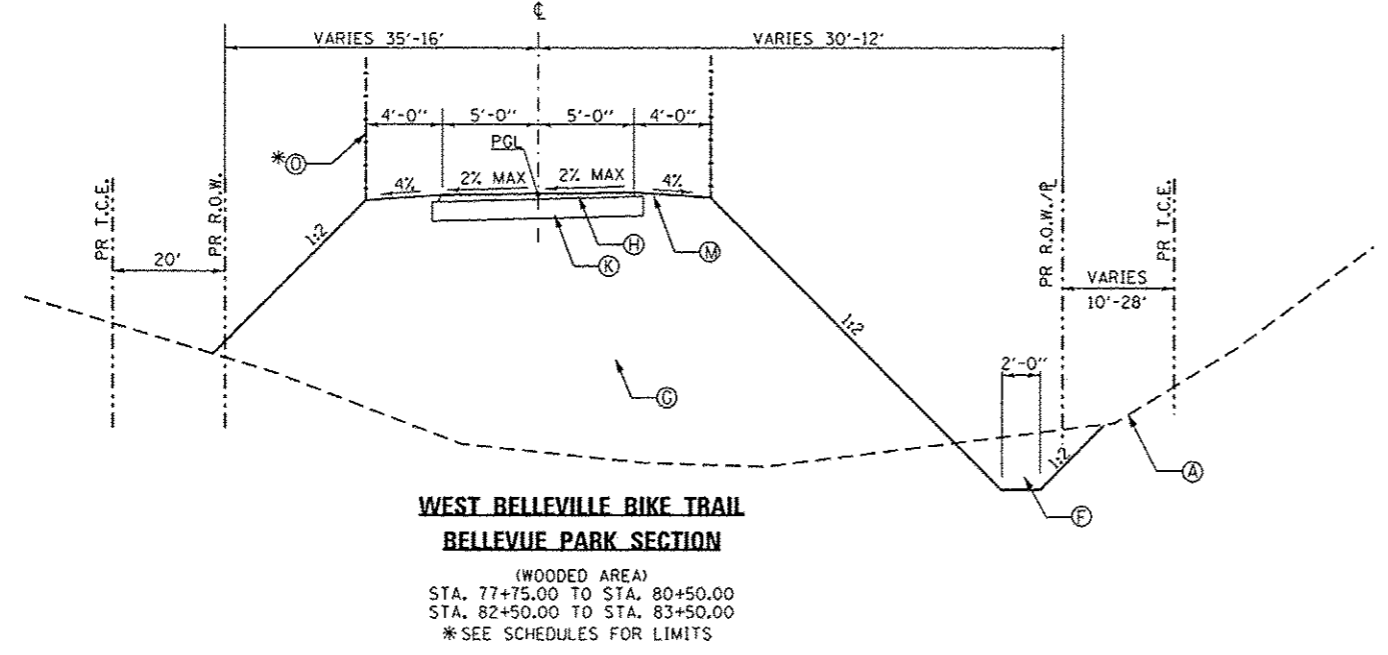


**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(WOODED AREA)
STA. 80+50.00 TO STA. 82+50.00
*SEE SCHEDULES FOR LIMITS

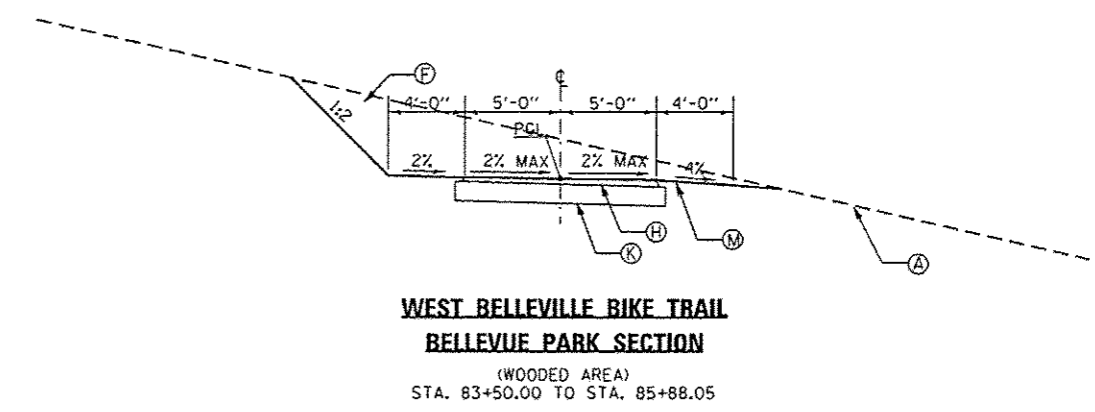


**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(NEAR ALTHOFF TENNIS COURTS)
STA. 70+50.00 TO STA. 71+56.88
STA. 71+99.80 TO STA. 77+75.00

SEE GEOMETRIC DETAIL SHEETS
STA. 71+56.88 TO STA. 71+99.80
STA. 85+88.05 TO STA. 85+94.05



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(WOODED AREA)
STA. 77+75.00 TO STA. 80+50.00
STA. 82+50.00 TO STA. 83+50.00
*SEE SCHEDULES FOR LIMITS



**WEST BELLEVILLE BIKE TRAIL
BELLEVUE PARK SECTION**
(WOODED AREA)
STA. 83+50.00 TO STA. 85+88.05

LEGEND

- (A) EXISTING EMBANKMENT/GROUND
- (B) EXISTING PAVEMENT
- (C) EXISTING COMB. CURB & GUTTER
- (D) EXISTING SIDEWALK
- (E) EXISTING ACTIVE RAILROAD
- (F) PROPOSED EARTH EXCAVATION
- (G) PROPOSED EMBANKMENT
- (H) PROPOSED HMA SURFACE COURSE
- (I) PROPOSED HMA SURFACE COURSE, VARIABLE DEPTH
- (J) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 4"
- (K) PROPOSED AGGREGATE BASE COURSE, TYPE-B, 6"
- (L) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (M) PROPOSED EARTH SHOULDERS
- (N) PROPOSED RETAINING WALL
- (O) PROPOSED HANDRAIL/FENCE

PLOT SCALE: 1/8" = 1'-0" / in. PLOT DATE: 1/4/2013 9:53:05 AM
 PLOTTED BY: jstern

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swenson, Illinois 62286
 Tel: 618.624.4888
 Fax: 618.624.6988
SWANSEA - WATERLOO - FARMERSVILLE - ST. LOUIS - ST. CHARLES



CITY OF BELLEVILLE

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	6
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE						
LOCATION		EARTH EXCAVATION	FOR INFORMATION ONLY			BALANCE WASTE (+) SHORTAGE (-)
			EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT		
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD
WEST BELLEVILLE BIKE TRAIL						
10+00.00	TO	25+00.00	811	608.3	526	82.3
25+00.00	TO	26+09.19	1	0.8	32	-31.3
27+67.87	TO	38+71.83	166	124.5	110	14.5
50+39.05	TO	51+05.02	31	23.3	0	23.3
52+08.07	TO	52+52.86	32	24.0	0	24.0
53+02.74	TO	53+96.55	36	27.0	0	27.0
54+44.67	TO	55+43.38	35	26.3	0	26.3
55+87.53	TO	62+37.20	240	180.0	0	180.0
62+81.02	TO	65+58.78	145	108.8	0	108.8
66+01.68	TO	71+56.52	95	71.3	505	-433.8
71+99.38	TO	85+88.05	4159	3119.3	5677	-2557.8
TOTAL:			5751	4313.3	6850	-2537
• EARTH EXCAVATION:			5750	• FURNISHED EXCAVATION:		2535

* ROUNDED TO NEAREST 5 CU YD.

EROSION CONTROL BLANKET SCHEDULE		
LOCATION		EROSION CONTROL BLANKET
		SQ YD
WEST BELLEVILLE BIKE TRAIL		
17+00.00	TO 17+50.00	RT 131
68+50.00	TO 70+00.00	LT 308
76+75.00	TO 81+00.00	LT 789
76+75.00	TO 81+00.00	RT 1,299
81+00.00	TO 85+94.05	LT 487
81+00.00	TO 85+94.05	RT 1,499
TOTAL:		4,513

TEMPORARY DITCH CHECK SCHEDULE					
LOCATION			TEMPORARY DITCH CHECKS		
STATION	TO	STATION	EA	FOOT	
WEST BELLEVILLE BIKE TRAIL					
14+50.00	TO	18+90.16	LT 2	12	
14+50.00	TO	18+90.16	RT 1	6	
25+00.00	TO	28+93.58	RT 1	6	
66+50.00	TO	72+00.00	RT 2	12	
76+00.00	TO	81+00.00	LT 15	90	
76+00.00	TO	81+00.00	RT 16	96	
81+00.00	TO	85+95.04	LT 5	30	
81+00.00	TO	85+95.04	RT 2	12	
TOTAL:				264	

INLET AND PIPE PROTECTION SCHEDULE				
LOCATION			INLET AND PIPE PROTECTION	
STATION	TO	STATION	EACH	
WEST BELLEVILLE BIKE TRAIL				
10+00.00	TO	14+50.00	LT	1
14+50.00	TO	18+90.16	LT	1
25+00.00	TO	28+93.58	LT	1
50+00.00	TO	51+50.00	RT	2
51+50.00	TO	55+50.00	LT	1
55+50.00	TO	61+25.00	LT	1
61+25.00	TO	66+50.00	LT	2
66+50.00	TO	72+00.00	LT	1
66+50.00	TO	72+00.00	RT	1
74+00.00	TO	76+00.00	LT	1
76+00.00	TO	81+00.00	RT	2
81+00.00	TO	85+94.05	LT	1
81+00.00	TO	85+94.05	RT	2
TOTAL:				17

PERIMETER EROSION BARRIER SCHEDULE				
LOCATION			PERIMETER EROSION BARRIER	
STATION	TO	STATION	FOOT	
WEST BELLEVILLE BIKE TRAIL				
10+00.00	TO	13+50.00	RT	365
11+25.00	TO	14+50.00	LT	348
14+50.00	TO	16+07.00	LT	180
16+25.00	TO	14+50.00	RT	150
17+50.00	TO	18+75.00	LT	123
25+00.00	TO	26+45.00	LT	127
26+00.00	TO	26+45.00	RT	55
27+22.00	TO	27+25.00	LT	53
27+22.00	TO	28+75.00	RT	163
50+16.00	TO	51+21.00	RT	106
51+84.00	TO	52+56.00	LT	72
52+85.00	TO	54+14.00	LT	128
54+40.00	TO	55+50.00	LT	108
55+50.00	TO	61+50.00	LT	579
61+46.00	TO	62+43.00	LT	115
62+75.00	TO	65+65.00	LT	292
65+95.00	TO	66+50.00	LT	56
66+50.00	TO	71+62.00	LT	538
71+86.00	TO	72+00.00	LT	14
72+00.00	TO	74+00.00	LT	207
74+00.00	TO	74+75.00	LT	89
76+86.00	TO	78+25.00	RT	110
79+25.00	TO	81+00.00	LT	227
80+25.00	TO	81+00.00	RT	68
81+00.00	TO	82+25.00	RT	130
81+00.00	TO	82+75.00	LT	242
82+87.00	TO	85+94.00	RT	297
83+50.00	TO	85+94.00	LT	234
TOTAL:				5,176

SEEDING SCHEDULE									
LOCATION		SEEDING, CLASS 1A	SEEDING, CLASS 3A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)	
STATION	TO	STATION	ACRE	ACRE	POUND	POUND	POUND	ACRE	POUND
WEST BELLEVILLE BIKE TRAIL									
10+00.00	TO	18+90.28	0.31		27.9	27.9	0.28		62.0
18+90.16	TO	29+50.73	0.24		21.6	21.6	0.24		48.0
15+06.55	TO	25+00.00	0.23		20.7	20.7	0.23		46.0
25+00.00	TO	26+09.19	0.02		1.8	1.8	0.02		4.0
27+67.87	TO	28+93.58	0.03		2.7	2.7	0.03		6.0
28+93.58	TO	38+71.83	0.22		19.8	19.8	0.22		44.0
50+00.00	TO	51+05.02	0.01		0.9	0.9	0.01		2.0
52+08.07	TO	68+25.00	0.03		3.1	3.1	0.03		6.8
68+25.00	TO	70+00.00		0.09	8.1	8.1	0.03		18.0
70+00.00	TO	76+50.00	0.16		14.4	14.4	0.16		32.0
76+50.00	TO	83+75.00		0.83	74.7	74.7	0.00		166.0
83+75.00	TO	85+88.05	0.15		13.5	13.5	0.15		30.0
TOTAL:			1.40	0.92	209	209	209	1.40	464.80
PAY TOTAL:			1.50	1.00	210	210	210	1.50	460

PLOT SCALE: 200.0000 / in. PLOT DATE: 1/14/2013 9:53:07 AM



TREE REMOVAL SCHEDULE			
LOCATION			TREE REMOVAL, ACRES
STATION TO STATION		ACRE	
WEST BELLEVILLE BIKE TRAIL			
16+25.00	to	18+90.28	0.05
68+75.00	to	70+25.00	0.12
76+75.00	to	81+00.00	0.54
81+00.00	to	84+25.00	0.54
84+25.00	to	85+75.00	0.12
TOTAL:			1.37
PAY TOTAL:			1.25

DETECTABLE WARNING SCHEDULE		
LOCATION		DETECTABLE WARNING
STATION		SO FT
WEST BELLEVILLE BIKE TRAIL		
10+00.50	CL	20.00
26+46.91	CL	20.00
26+79.31	CL	20.00
26+85.66	CL	20.00
27+28.26	CL	20.00
38+69.96	CL	20.00
50+29.05	CL	16.00
51+23.52	CL	20.00
51+84.22	CL	20.00
56+76.11	LT	10.00
85+93.55	CL	20.00
TOTAL:		206

REMOVALS SCHEDULE							
LOCATION			HMA SURFACE REMOVAL, VARIABLE DEPTH	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL
STATION	TO	STATION	SO YD	SO YD	FOOT	SO FT	SO FT
WEST BELLEVILLE BIKE TRAIL							
26+06.76	TO	26+42.93				281.2	
26+47.05					28.6		
26+79.54	TO	26+85.77					66.7
26+79.54					11.8		
26+85.77					12.6		
27+28.51					11.8		
27+32.53	TO	27+59.53				229.5	
North Belt	East of RR X-ing					125.0	
50+25.51	TO	51+23.40				470.2	
50+25.51					11.0		
51+23.33					10.0		
51+84.54					10.0		
51+84.61	TO	52+58.10				388.2	
51+91.79	TO	52+29.13	47.9				
52+70.87				74.9			
52+83.26	TO	54+14.71				732.4	
54+23.09				33.4			
54+39.46	TO	55+50.00				589.2	
55+66.19				25.6			
55+82.57	TO	61+25.00				3019.0	
61+25.00	TO	61+45.58				188.0	
62+58.90				69.6			
65+80.02				189.7			
74+64.16	TO	71+90.71	178.0				
TOTAL:			226	393	95.8	6023	67

PAVING AND SIDEWALK SCHEDULE								
LOCATION			PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	AGGREGATE BASE COURSE, TYPE B	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
STATION	TO	STATION	SQ FT	SQ YD	TON	SQ YD	GALLON	TON
WEST BELLEVILLE BIKE TRAIL								
10+00.00	TO	10+06.00	60.00					
10+06.00	TO	14+50.00					37.50	71.18
14+50.00	TO	18+90.16			176.82		183.40	55.69
15+06.55	TO	25+00.00			266.06	1140.26	413.90	125.69
15+24.12	TO	16+12.38			32.48		34.80	10.39
18+90.16	TO	29+50.73			284.04	1217.30	441.90	134.18
25+00.00	TO	26+09.19			29.24	125.33	45.50	13.81
26+09.19	TO	26+37.36			5.83	25.00	9.00	2.71
26+10.39	TO	26+47.53	343.79					
26+78.73	TO	26+86.50	84.20					
27+27.69	TO	27+59.53	299.50					
North Belt	East of RR X-ing		125.00					
27+38.28	TO	27+67.87			8.17	35.00	13.10	3.96
27+67.87	TO	28+93.58			33.67	144.29	52.40	15.90
28+93.58	TO	38+63.96			259.88	1113.78	404.30	122.78
38+63.96	TO	38+71.83	80.48					
50+19.19	TO	50+29.63	46.98					
50+29.63	TO	50+39.05	84.78					
50+39.05	TO	50+85.02			14.89		15.30	4.68
50+85.02	TO	51+05.20			7.32		7.60	2.30
51+05.02	TO	51+24.02	274.68					
51+83.72	TO	52+08.07	358.18					
52+08.07	TO	52+28.07			12.70		13.30	4.02
52+28.07	TO	52+33.07			3.37		3.50	1.08
52+33.07	TO	52+52.86			13.34			
52+33.07	TO	52+52.86					12.80	3.86
52+52.86	TO	52+59.42	88.84					
52+70.87		CE		75.10				
52+88.71	TO	53+02.74	145.31					
53+02.74	TO	53+96.55			37.68		39.10	11.87
53+45.51	TO	53+53.51	83.20					
53+96.58	TO	54+02.58	60.00					
54+02.58	TO	54+15.29	63.55					
54+23.09		CE		33.20				
54+38.64	TO	54+44.64	60.00					
54+44.67	TO	54+90.05			18.23		18.90	5.75
54+78.83	TO	54+84.01	27.53					
54+90.05	TO	55+08.38			8.43			
54+90.05	TO	55+08.38					8.80	2.66
55+08.38	TO	55+13.38			2.59		2.70	0.83
55+13.38	TO	55+43.38			13.80		14.40	4.35
55+43.38	TO	55+51.19	81.31					
55+66.19		CE		77.70				
55+81.32	TO	55+87.56	68.69					
55+87.60	TO	59+37.34			140.50		145.70	44.25
56+75.05	TO	56+83.17	111.42					
56+76.11	TO	56+82.11	33.85					
59+37.34	TO	59+67.34			14.97		15.60	4.73
59+67.34	TO	59+72.34			2.98		3.10	0.95
59+72.34	TO	60+02.34			14.97		15.60	4.73
60+02.34	TO	62+37.20			94.35		97.90	29.71
61+33.56	TO	61+39.10	169.71					
62+37.20	TO	62+43.78	71.01					
62+58.90		CE		72.50				
62+74.54	TO	62+81.06	70.90					
62+81.21	TO	65+58.78			111.51		115.70	35.12
65+58.82	TO	65+65.40	64.49					
65+80.02		CE		191.90				
65+95.07	TO	66+01.68	72.30					
66+01.68	TO	71+56.88			223.04		231.30	70.24
71+56.52	TO	71+66.03	75.17					
71+64.16	TO	71+90.71			62.30		66.80	19.94
71+88.28	TO	71+99.81	87.99					
71+99.38	TO	85+88.05			557.86		578.60	175.69
85+88.05	TO	85+94.05	60.00					
TOTAL:			3253	450	2451	3801	3043	983

PLOT SCALE: 200,0000 1/4" = 100' PLOT DATE: 1/11/2013 9:52:08 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4840 Old Collinsville Road Swansboro, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	 EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	 ILLINOIS

REVISIONS	CITY OF BELLEVILLE
REVISION -	SCHEDULE OF QUANTITIES
REVISION -	SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.
REVISION -	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
REVISION -	10-00215-00-BT ST. CLAIR 129 8
REVISION -	CONTRACT NO. 97515
REVISION -	ILLINOIS FED. AID PROJECT



DRAINAGE SCHEDULE															
LOCATION				METAL END SECTIONS 18"	METAL END SECTIONS 24"	METAL END SECTIONS 42"	METAL END SECTIONS 54"	PIPE CULVERT, CLASS D, TYPE 1, 18"	PIPE CULVERT, CLASS D, TYPE 1, 24"	PIPE CULVERT, CLASS D, TYPE 2, 18"	PIPE CULVERT, CLASS D, TYPE 2, 42"	PIPE CULVERT, CLASS D, TYPE 3, 54"	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 8 GRATE	TRENCH BACKFILL
STATION	TO	STATION		EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	CU YD
WEST BELLEVILLE BIKE TRAIL															
12+47.58	17.29	RT			1										
12+50.77	10.52	RT TO	12+49.11	14.16	RT				4.0						
12+61.57	13.13	LT TO	12+59.49	8.58	LT				5.0						
12+63.01	16.26	LT				1									
17+15.00	15.49	LT													
17+16.07	13.21	LT TO	17+26.00	16.50	RT					28.8					
17+16.66	26.74	RT				1									
17+26.00	16.50	RT TO	17+26.00	22.74	RT						7.1				10.5
17+26.00	16.50	RT											1		
70+25.00	14.58	LT				1									
70+25.00	14.02	RT				1									
70+25.00	12.25	LT TO	70+25.00	11.69	RT			23.9							2.3
79+50.87	36.79	RT					2								
79+87.31	29.84	LT TO	79+53.61	30.43	RT							68.9			
79+87.31	29.84	LT TO	79+53.61	30.43	RT							68.9			23.2
79+91.91	35.63	LT					2								
82+10.77	34.73	LT					2								
82+17.56	30.28	LT TO	82+71.56	36.78	RT							85.9			
82+17.56	30.28	LT TO	82+71.56	36.78	RT							85.9			29.3
82+74.32	42.87	RT					2								
85+84.00	16.34	RT				1									
85+84.00	9.10	LT TO	85+84.00	13.76	RT			22.9							1.8
85+84.00	9.76	LT												1	
TOTAL:				4	2	1	8	47	9	29	7	310	1	1	67

RIPRAP SCHEDULE				
LOCATION		STONE RIPRAP, CLASS A4	FILTER FABRIC	
STATION		SO YD	SO YD	
WEST BELLEVILLE BIKE TRAIL				
12+47.58	17.29	RT	25.2	25.2
12+63.00	16.26	LT	25.0	25.0
17+16.66	26.74	RT	18.6	18.6
70+25.00	14.58	LT	13.2	13.2
79+50.87	36.79	RT	80.9	80.9
79+91.91	35.63	LT	111.3	111.3
82+10.77	34.73	LT	106.7	106.7
82+74.32	42.87	RT	91.3	91.3
85+84.00	16.34	RT	9.6	9.6
TOTAL:			482	482

HANDRAIL SCHEDULE				
LOCATION		PIPE HANDRAIL	WOOD POST AND RAIL FENCE	
STATION	TO	STATION	FOOT	FOOT
WEST BELLEVILLE BIKE TRAIL				
12+35.00	TO	12+65.00	RT	30
12+45.00	TO	12+75.00	LT	30
17+00.00	TO	17+50.00	RT	50
52+00.00	TO	52+52.00	LT	52
54+66.00	TO	55+43.00	LT	77
59+37.00	TO	60+02.00	LT	65
67+00	TO	68+25.00	LT	127
68+25.00	TO	70+00.00	LT	175
76+85.00	TO	80+25.00	RT	350
77+00.00	TO	84+20.57	LT	725
82+00.00	TO	83+75.00	RT	173
TOTAL:			321	1533

BOLLARD SCHEDULE				
LOCATION		FOLD DOWN BOLLARDS	BOLLARDS	
STATION		EACH	EACH	
10+13.00	6.59	LT		1
10+13.00	6.50	RT		1
10+13.00	0.06	LT	1	
26+01.68	5.50	LT		1
26+01.68	5.50	RT		1
26+01.68	0.00	RT	1	
27+72.76	5.50	LT		1
27+72.76	5.50	RT		1
27+72.76	0.00	RT	1	
38+58.96	5.50	LT		1
38+58.96	5.50	RT		1
38+58.96	0.00	RT	1	
66+06.68	5.50	LT		1
66+06.68	5.50	RT		1
66+06.68	0.00	RT	1	
71+51.71	5.50	LT		1
71+51.71	5.50	RT		1
71+51.71	0.00	RT	1	
72+04.59	5.50	LT		1
72+04.59	5.50	RT		1
72+04.59	0.00	RT	1	
85+81.00	5.50	LT		1
85+81.00	5.50	RT		1
85+81.00	0.00	RT	1	
TOTAL:			8	16

PLOT SCALE: 200.0000' / in. PLOT DATE: 1/14/2013 9:53:09 AM
 PLOTTED BY: jsk616
 FILE NAME: P:\R0168\4-CADD - DWG\4.2-TR\Sheet\10168-011-schedule.dgn

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688			CITY OF BELLEVILLE	SCHEDULE OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - JWS/KMO						SCALE:	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.	ST. CLAIR	129	9
CHECKED - SJK										CONTRACT NO. 97515		
DATE - 01-2013										ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING SCHEDULE

LOCATION				PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 12"		PAINT PAVEMENT MARKING - LINE 6"		
STATION	TO	STATION	DESCRIPTION		SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	
			LOCATION	TYPE							
WEST BELLEVILLE BIKE TRAIL											
10+06.00	TO	10+08.00	Centerline	Solid Yellow		2.0					
10+08.00	TO	10+18.00	Centerline	Solid Double Yellow		20.0					
10+18.00	TO	10+58.00	Centerline	Solid Yellow		40.0					
10+58.00	TO	18+90.16	Centerline	Skip-Dash Yellow		208.0					
15+06.55	TO	25+00.00	Centerline	Skip-Dash Yellow		248.4					
15+26.73	TO	15+61.22	LT EOP	Solid White			34.5				
18+90.16	TO	29+50.73	Centerline	Skip-Dash Yellow		265.1					
25+00.00	TO	25+96.68	Centerline	Solid Yellow		96.7					
25+96.68	TO	26+06.68	Centerline	Solid Double Yellow		20.0					
26+06.68	TO	26+14.19	Centerline	Solid Yellow		7.5					
26+14.19	TO	26+37.55	Median	2 - Solid Yellow		46.7					
26+14.19	TO	26+37.55	Median	Solid Yellow-Diag.		12.0					
26+47.90	TO	26+78.73	EB Nbelt X-Walk	Solid White				176.4			
26+86.50	TO	27+27.69	WB Nbelt X-Walk	Solid White				226.8			
27+38.28	TO	27+59.53	Median	2 - Solid Yellow		42.5					
27+38.28	TO	27+59.53	Median	Solid Yellow-Diag.		12.0					
27+59.53	TO	27+67.87	Centerline	Solid Yellow		8.3					
27+67.87	TO	27+77.87	Centerline	Solid Double Yellow		20.0					
27+77.87	TO	28+93.56	Centerline	Solid Yellow		115.7					
28+93.56	TO	38+13.96	Centerline	Skip-Dash Yellow		230.1					
38+13.96	TO	38+53.96	Centerline	Solid Yellow		40.0					
38+53.96	TO	38+63.96	Centerline	Solid Double Yellow		20.0					
50+39.05	TO	50+85.11	Centerline	Solid Yellow		46.1					
50+85.11	TO	51+16.46	Median	2 - Solid Yellow		62.7					
50+85.11	TO	51+16.46	Median	Solid Yellow-Diag.		12.0					
51+24.02	TO	51+83.72	Main X-Walk LT	Solid White	59.7						
51+24.02	TO	51+83.72	Main X-Walk RT	Solid White	59.7						
51+24.02	TO	51+83.72	Main X-Walk LT	Solid White				59.7			
51+24.02	TO	51+83.72	Main X-Walk RT	Solid White				59.7			
51+24.02	TO	51+83.72	Main X-Walk Diag.	Solid White				198.8			
51+24.02	TO	51+60.20	Main Stop Bar LT	Solid White				36.2			
51+47.54	TO	51+83.72	Main Stop Bar RT	Solid White				36.2			
51+91.64	TO	52+52.86	Median	2 - Solid Yellow		122.4					
51+91.64	TO	52+52.86	Median	Solid Yellow-Diag.		65.0					
52+00.00	TO		Pk Lot Rt	Solid Yellow	17.9						
52+59.42	TO	52+83.48	X-Walk LT	Solid White					24.1		
52+59.42	TO	52+96.74	X-Walk RT	Solid White					37.3		
53+02.74	TO	53+96.58	Centerline	Solid Yellow		93.8					
54+02.58	TO	54+38.65	X-Walk LT	Solid White					36.1		
54+15.29	TO	54+38.65	X-Walk RT	Solid White					23.4		
54+44.64	TO	54+90.05	Centerline	Solid Yellow		45.4					
54+90.05	TO	55+43.38	Median	2 - Solid Yellow		106.7					
54+90.05	TO	55+43.38	Median	Solid Yellow-Diag.		18.0					
55+50.78	TO	55+81.32	X-Walk LT	Solid White					30.5		
55+50.78	TO	55+81.32	X-Walk RT	Solid White					30.5		
55+87.56	TO	56+34.52	Centerline	Solid Yellow		47.0					
56+34.52	TO	59+37.34	Centerline	Skip-Dash Yellow		75.7					
59+37.34	TO	60+02.34	Median	2 - Solid Yellow		130.0					
59+37.34	TO	60+02.34	Median	Solid Yellow-Diag.		18.0					
60+02.34	TO	60+98.38	Centerline	Skip-Dash Yellow		24.0					
60+98.38	TO	62+37.20	Centerline	Solid Yellow		138.8					
62+43.78	TO	62+74.54	X-Walk LT	Solid White					30.8		
62+43.78	TO	62+74.54	X-Walk RT	Solid White					30.8		
62+81.02	TO	63+28.04	Centerline	Solid Yellow		47.0					
63+28.04	TO	65+11.23	Centerline	Skip-Dash Yellow		45.8					
65+11.23	TO	65+58.78	Centerline	Solid Yellow		47.6					
65+65.40	TO	65+95.07	X-Walk LT	Solid White					29.7		
65+65.40	TO	65+95.07	X-Walk RT	Solid White					29.7		
66+01.68	TO	66+11.68	Centerline	Solid Double Yellow		20.0					
66+11.68	TO	71+46.71	Centerline	Solid Yellow		535.0					
71+46.71	TO	71+56.71	Centerline	Solid Double Yellow		20.0					
71+64.16	TO	71+90.71	X-Walk LT	Solid White					26.6		
71+64.16	TO	71+90.71	X-Walk RT	Solid White					26.6		
71+99.58	TO	72+09.59	Centerline	Solid Double Yellow		20.0					
72+09.59	TO	85+76.00	Centerline	Solid Yellow		1366.4					
74+25.00	TO		Parking Stall RT	Solid Yellow		75.0					
85+76.00	TO	85+86.00	Centerline	Solid Double Yellow		20.0					
85+86.00	TO	85+88.05	Centerline	Solid Yellow		2.1					
TOTAL:					137.3	4659.6	34.5	0.0	793.8	0.0	355.9
						4694	794	356			

PLOT SCALE: 200.0000 / IN. PLOT DATE: 1/29/2003 15:23 PM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collingdale Road Swansboro, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.8888
CHECKED - SJK	SWANSEA - WAIRROO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

THOUVENOT, WADE & MOERCHEN, INC.
CORPORATE OFFICE
4940 Old Collingdale Road
Swansboro, Illinois 62226
Tel: 618.624.4488
Fax: 618.624.8888
SWANSEA - WAIRROO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES



CITY OF BELLEVILLE

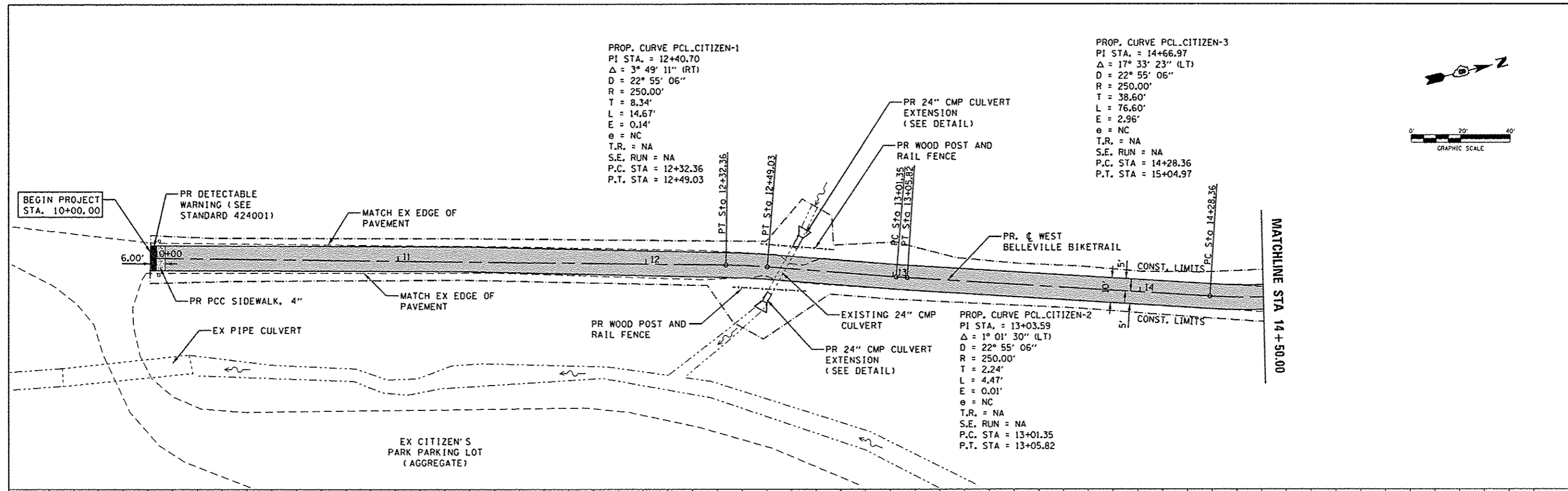
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97515	

DATE	
BY	
SAVED	
PLotted	
FILE NAME	
NO.	
PLAN	
NO.	

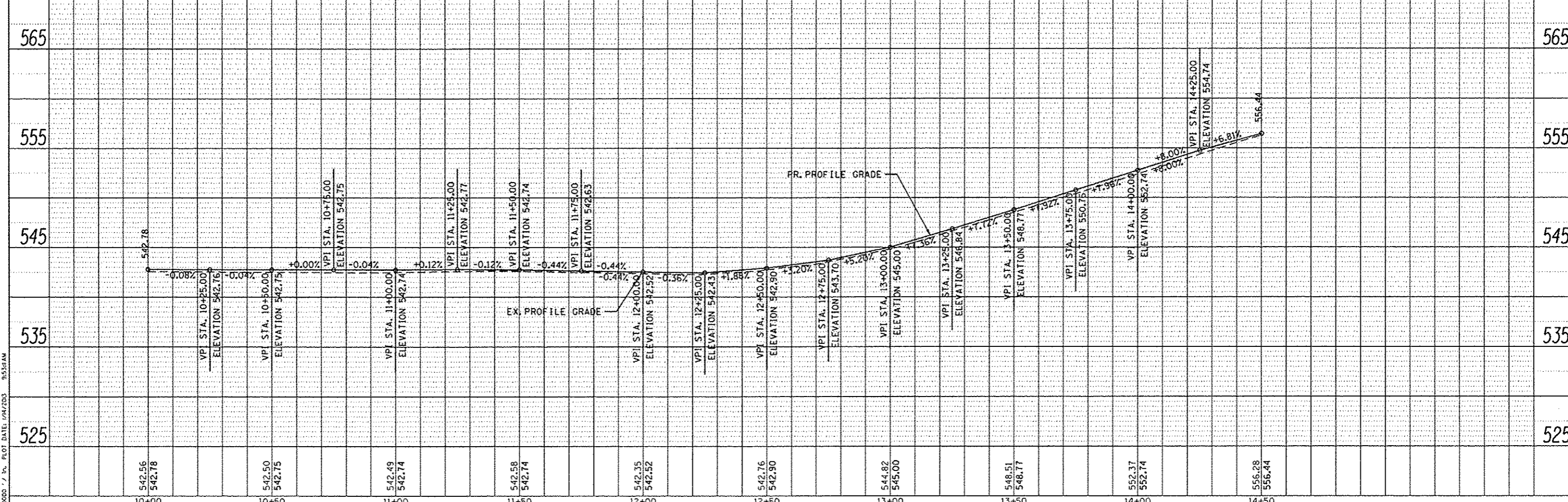
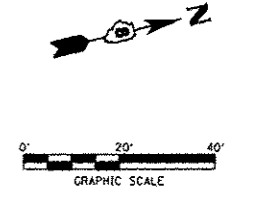
DATE	
BY	
SAVED	
PLotted	
FILE NAME	
NO.	
PROFILE	
NO.	



PROP. CURVE PCL_CITIZEN-1
 PI STA. = 12+40.70
 $\Delta = 3^\circ 49' 11''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 8.34'$
 $L = 14.67'$
 $E = 0.14'$
 $\theta = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 12+32.36$
 $P.T. STA = 12+49.03$

PROP. CURVE PCL_CITIZEN-3
 PI STA. = 14+66.97
 $\Delta = 17^\circ 33' 23''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 38.60'$
 $L = 76.60'$
 $E = 2.96'$
 $\theta = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 14+28.36$
 $P.T. STA = 15+04.97$

PROP. CURVE PCL_CITIZEN-2
 PI STA. = 13+03.59
 $\Delta = 1^\circ 01' 30''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 2.24'$
 $L = 4.47'$
 $E = 0.01'$
 $\theta = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 13+01.35$
 $P.T. STA = 13+05.82$

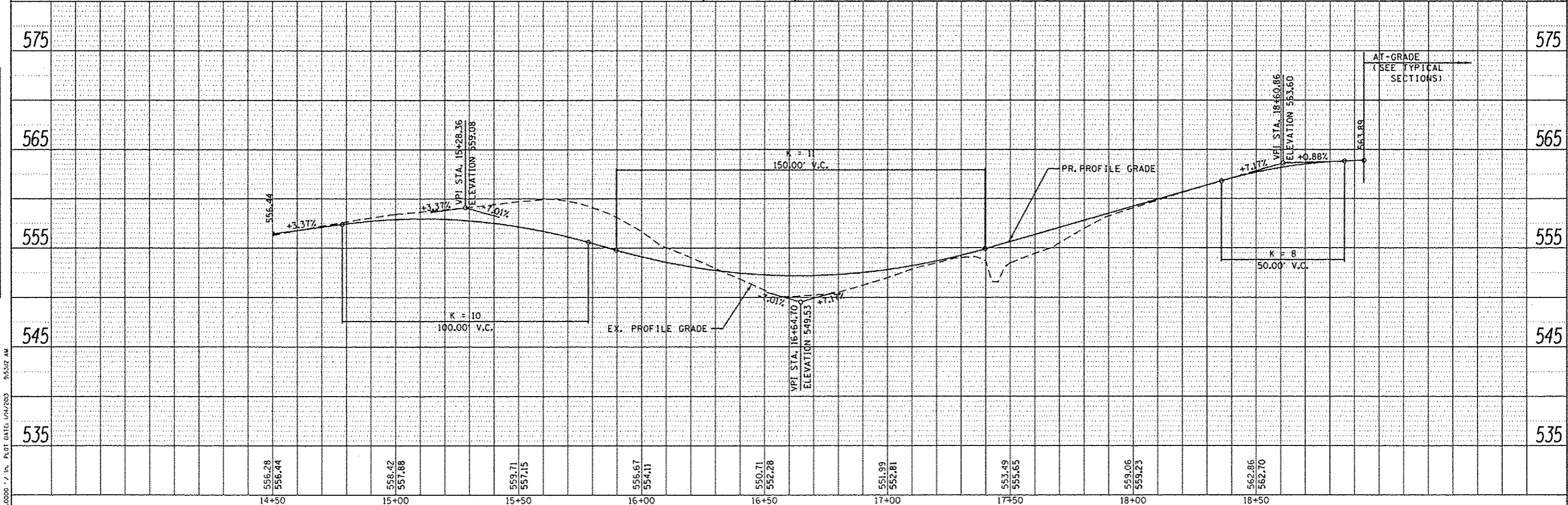
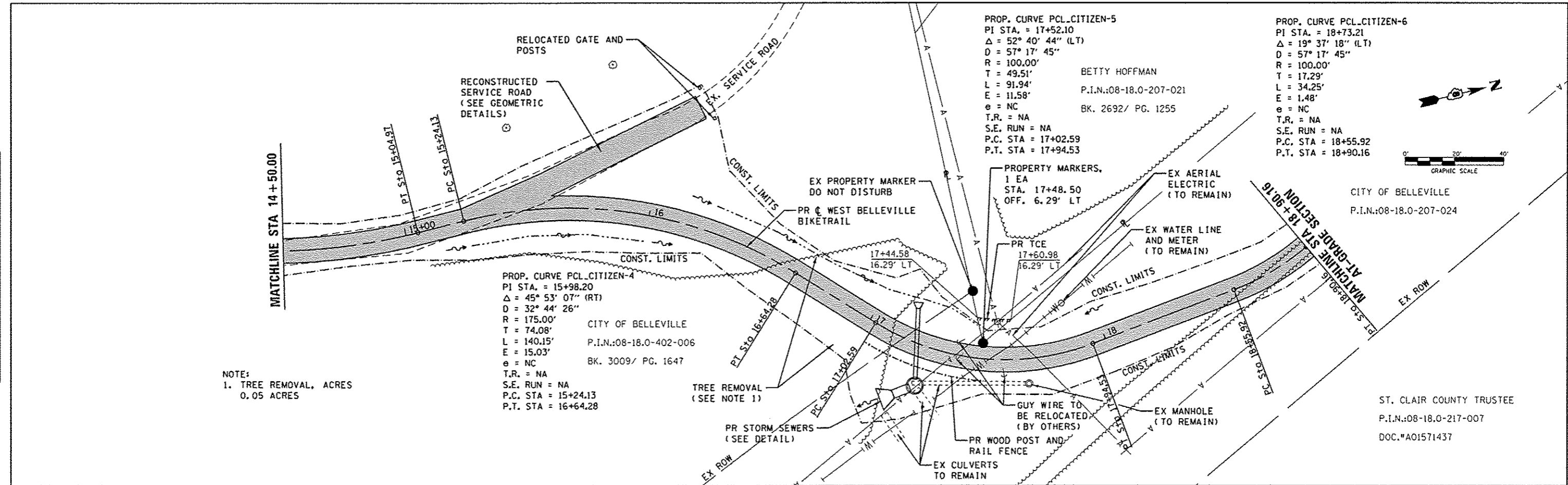


DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.9688 <small>SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>			CITY OF BELLEVILLE	PLAN AND PROFILE CITIZENS PARK SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	12	
CHECKED - SJK						CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	
DATE - 01-2013										

PLOT SCALE: 1/8" = 10'-0" / PLOT DATE: 1/11/2013 9:51:14 AM
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PLAN	DATE
REVISED	
PLOTTED	
NO. OF WAY CHECKED	
DATE FILE NAME	
NO.	

PROFILE	DATE
REVISED	
PLOTTED	
NO. OF WAY CHECKED	
DATE FILE NAME	
NO.	

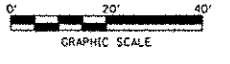
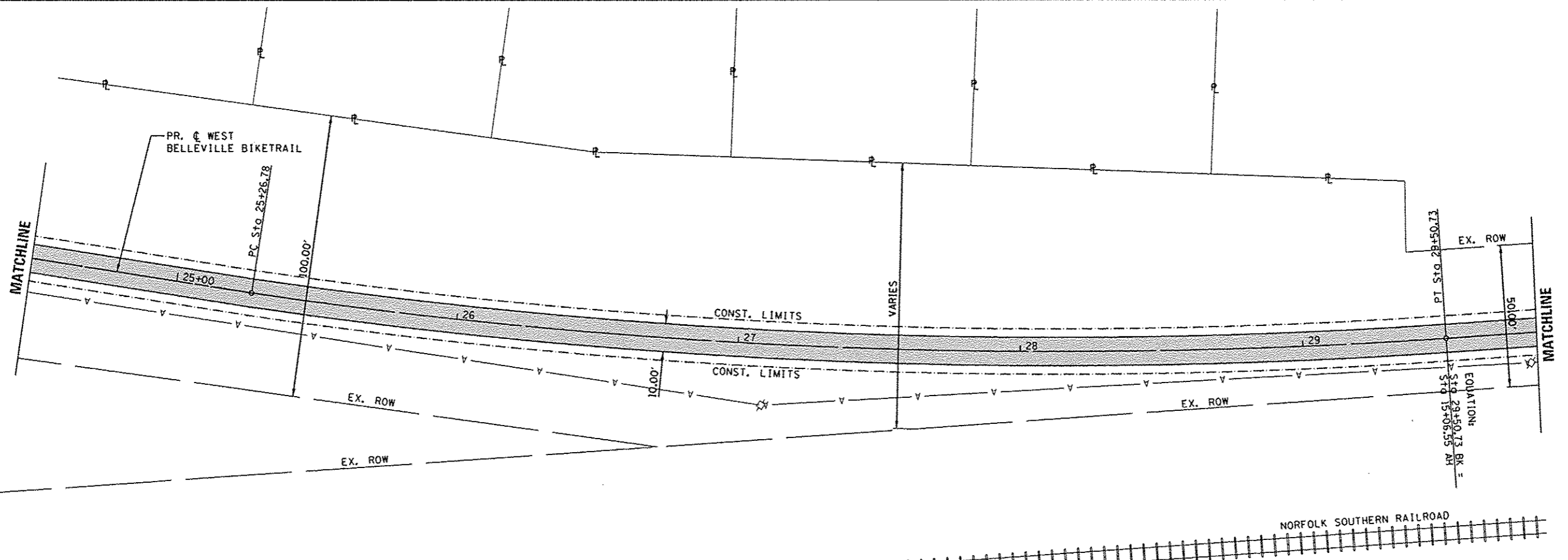
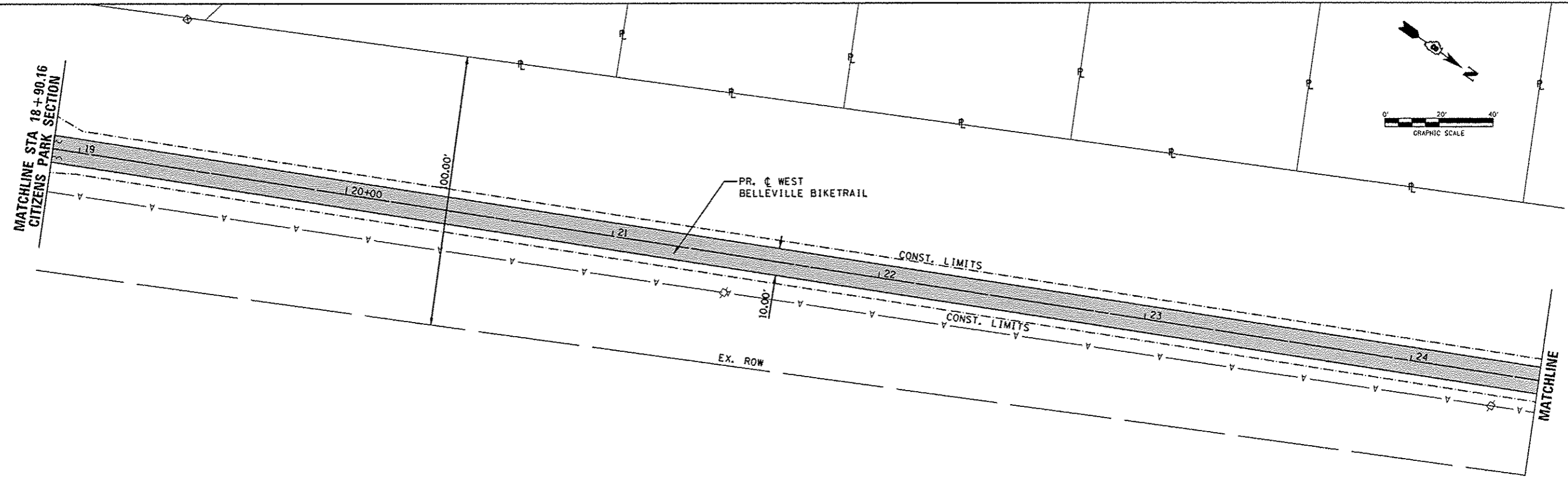
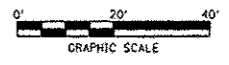


REVISED -	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4498 Fax: 618.624.8888 SWANSA - WARRIOR - LOMAXVILLE - ST. LOUIS - ST. CHARLES			CITY OF BELLEVILLE	PLAN AND PROFILE CITIZENS PARK SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	13	
REVISED -	CHECKED - SJK						CONTRACT NO. 97515				
REVISED -	DATE - 01-2013						ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' SHEET NO. 2 OF 14 SHEETS STA. 14+50.00 TO STA. 18+90.16

PLOT SCALE: 40,000.0' / IN. PLOT DATE: 04/20/03 9:55:22 AM
 PLOTTED BY: jaron

MATCHLINE STA 18+90.16
CITIZENS PARK SECTION



PLOT SCALE: 40,0000 / in. PLOT DATE: 1/14/2013 9:53:33 AM
 PLOTTED BY: jstein

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	TWM EXCEPTIONAL SERVICE NOTHING LESS.
DATE - 01-2013	<i>Belleverille</i> I · L · L · I · N · O · I · S

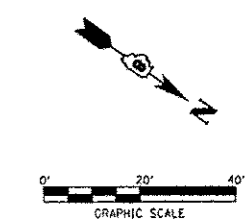
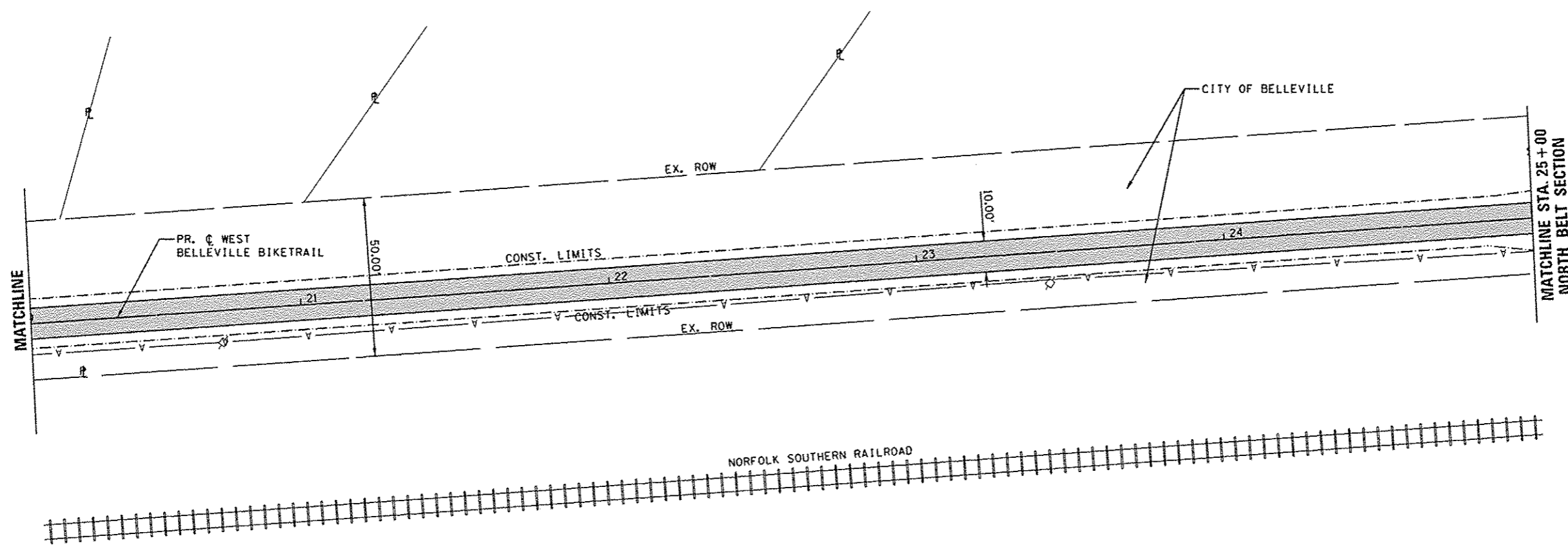
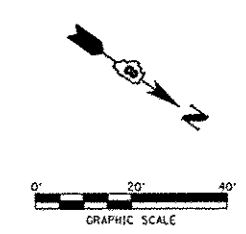
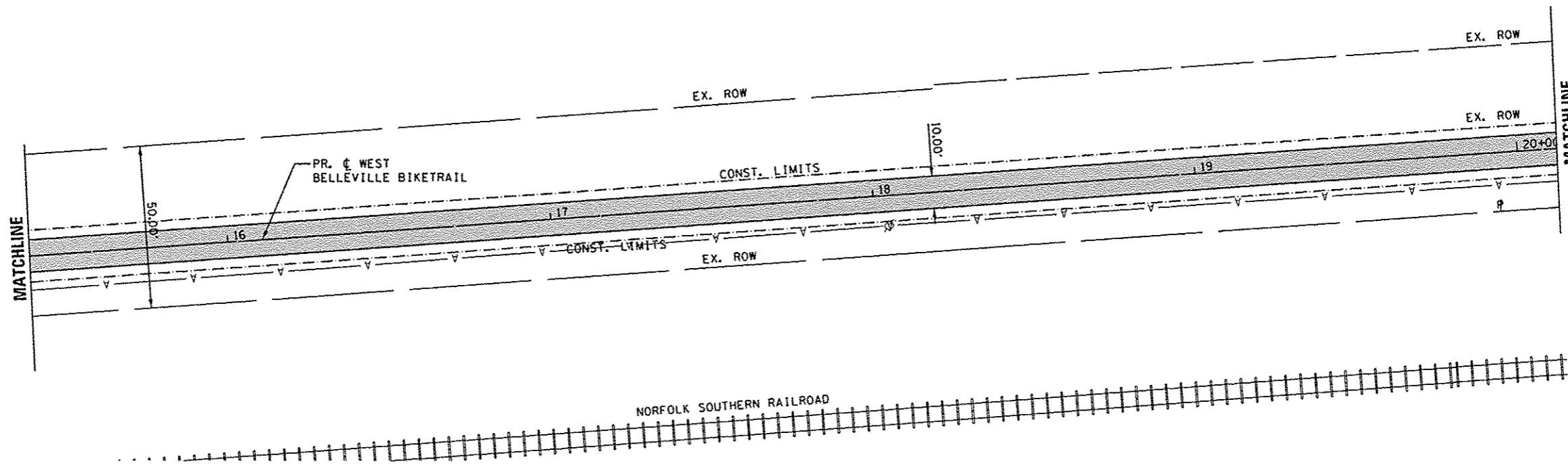
CITY OF BELLEVILLE

PLAN AT-GRADE SECTION

SCALE: 1" = 20' SHEET NO. 3 OF 14 SHEETS STA. 18+90.16 (BK) TO STA. 15+38.53 (AH)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	14
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

FILE NAME: P:\1016814-CA00 - DWG\4.2-TR\Sheet1a\10168-pin3.dgn



PLOTTED BY: jsh/ein
 PLOT SCALE: 40.0000' / in. PLOT DATE: 1/14/2013 9:52:14 AM
 FILE NAME: P:\1016814-CADD - DWG\4-2-TR\Sheets\10168-pn4.dgn

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**

 CORPORATE OFFICE
 4940 Old Cahokia Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
 SWANSEA • WAHLEGO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



CITY OF BELLEVILLE

PLAN AT-GRADE SECTION	
SCALE: 1" = 20'	SHEET NO. 4 OF 14 SHEETS
STA. 15+38.53	TO STA. 25+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	15
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

PROP. CURVE PCL_NBELT-1
 PI STA. = 25+27.49
 $\Delta = 13^\circ 39' 46''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 11.98'$
 $L = 23.85'$
 $E = 0.72'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 25+15.51
 P.T. STA = 25+39.36

PROP. CURVE PCL_NBELT-2
 PI STA. = 25+54.47
 $\Delta = 17^\circ 11' 08''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 15.11'$
 $L = 29.99'$
 $E = 1.14'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 25+39.36
 P.T. STA = 25+69.36

NOTE:
 SEE GEOMETRIC DETAILS FOR
 ADDITIONAL INFORMATION

ADA RAMP WITH DET. WARNING
 (SEE STANDARD 424001)
 PR PCC SIDEWALK 4"
 (SEE GEOMETRIC DETAIL)

EX UTILITY POLE
 (TO REMAIN - SEE
 GEOMETRIC DETAILS)

EX MANHOLE
 (TO REMAIN)

AT-GRADE SECTION
 MATCHLINE STA. 25+00

EX ROW
 PC STA. 25+15.51
 EX ROW
 PT STA. 25+39.36

EX ADVERTISING
 SIGN (TO REMAIN)

CONST. LIMITS

EX RR X-ING GATE
 AND SIGNALS

EX STOP BAR

FREEDOM DRIVE

NORTH BELT WEST

ADA RAMP WITH DET. WARNING
 (SEE STANDARD 424016)

EX SIDEWALK

PR PCC SIDEWALK 4"
 (SEE GEOMETRIC
 DETAIL)

EX ROW

MATCHLINE STA. 28+93.58
 AT-GRADE SECTION

CONST. LIMITS

PR WEST BELLEVILLE
 BIKE TRAIL

PC STA 27+88.55

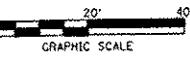
EX GAS MAIN
 AIR VENTS
 (TO REMAIN)

EX ADVERTISING SIGN
 (TO REMAIN)

HOFFMAN SOUTHERN RAILROAD

ADA RAMP WITH DET. WARNING
 (SEE STANDARD 424031)

NOTE:
 SEE NORTH BELT WEST PAVEMENT
 MARKINGS AND SIGNAGE PLAN FOR
 ADDITIONAL INFORMATION

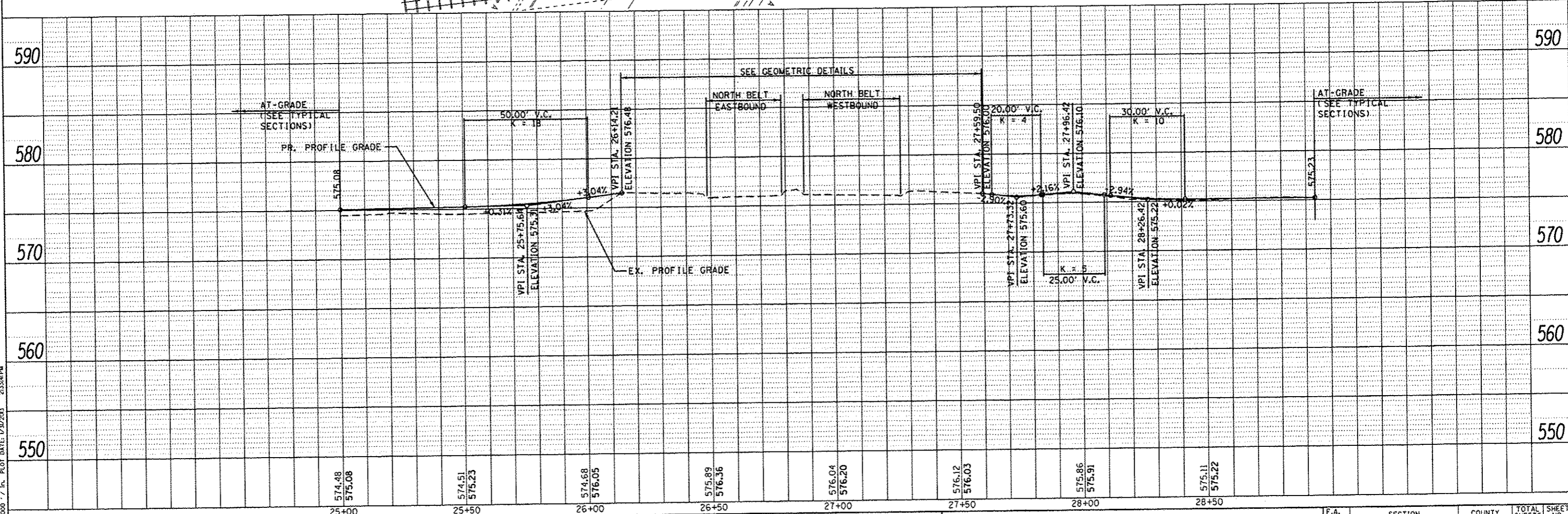


PROP. CURVE PCL_NBELT-3
 PI STA. = 28+00.69
 $\Delta = 51^\circ 47' 05''$ (LT)
 $D = 229^\circ 10' 59''$
 $R = 25.00'$
 $T = 12.14'$
 $L = 22.60'$
 $E = 2.79'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 27+88.55
 P.T. STA = 28+11.15

PROP. CURVE PCL_NBELT-4
 PI STA. = 28+55.20
 $\Delta = 12^\circ 44' 03''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 11.16'$
 $L = 22.23'$
 $E = 0.62'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 28+44.04
 P.T. STA = 28+66.26

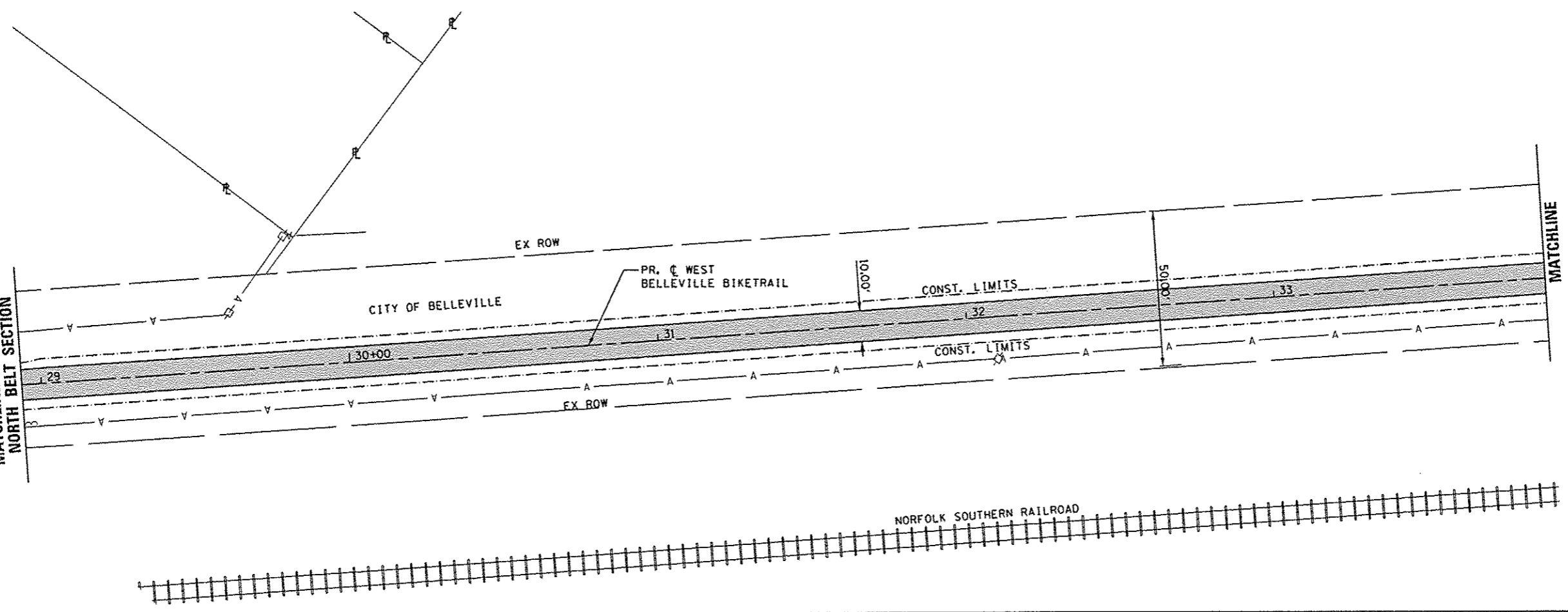
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REVISION	
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REVISION	
NO.	

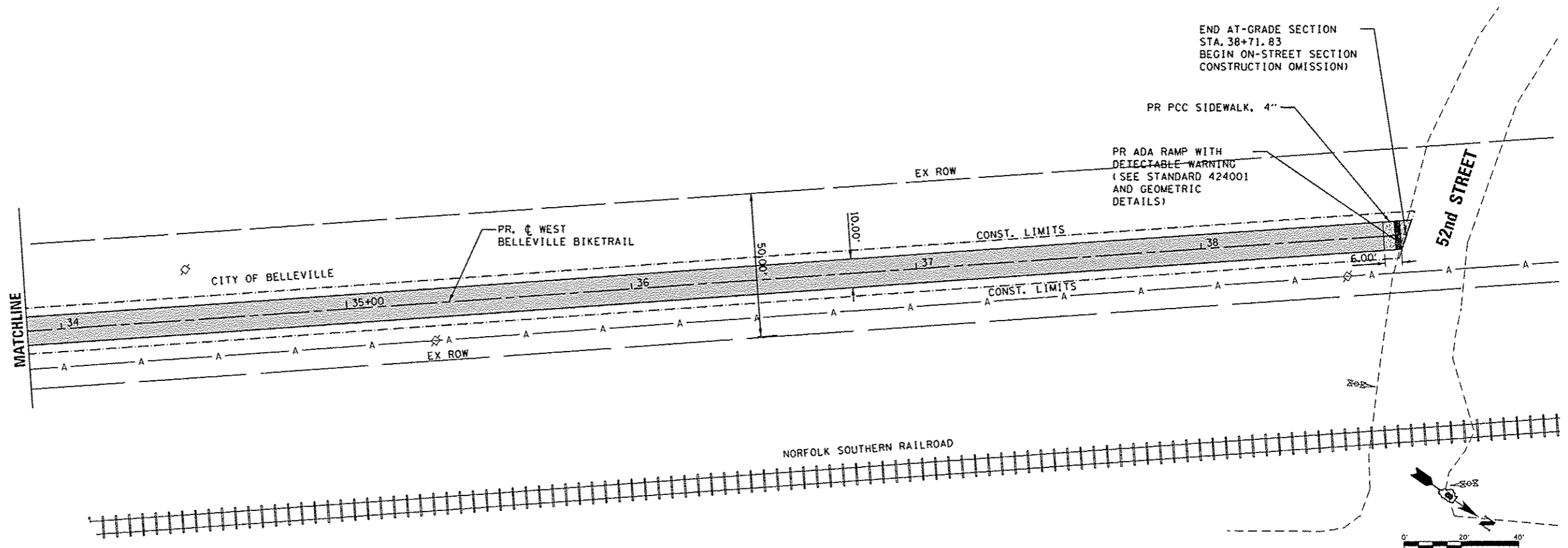


DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.024.0888	TWM EXCEPTIONAL SERVICE. NOTHING LESS.	Bellevoille I-L-L-I-N-O-I-S	CITY OF BELLEVILLE	PLAN AND PROFILE NORTH BELT SECTION	P.A. RTE.	SECTION 10-00215-00-BT	COUNTY ST. CLAIR	TOTAL SHEETS 129	SHEET NO. 16
REVISIONS	CHECKED - SJK	DATE - 01-2013	SCALE: 1" = 20'			SHEET NO. 5 OF 14 SHEETS			STA. 25+00.00 TO STA. 28+93.58		
ILLINOIS FED. AID PROJECT											

MATCHLINE STA. 28+93.58
NORTH BELT SECTION

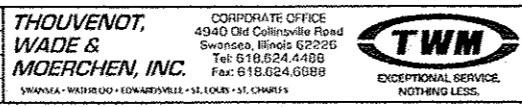


END AT-GRADE SECTION
STA. 38+71.83
BEGIN ON-STREET SECTION
CONSTRUCTION OMISSION)



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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	SWANSEA • WARRUOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES
DATE - 01-2013	

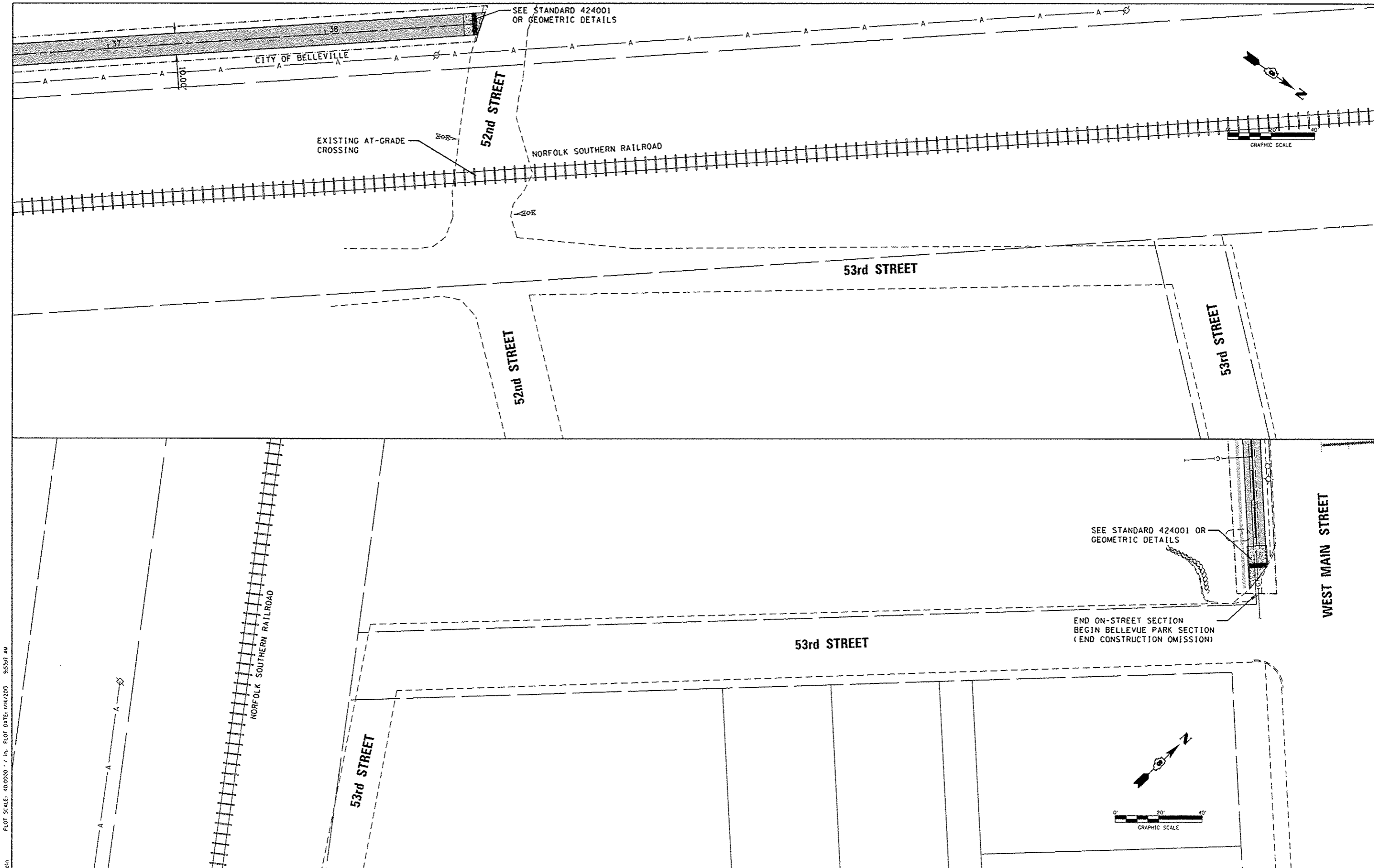


CITY OF BELLEVILLE

**PLAN
AT-GRADE SECTION**

SCALE: 1" = 20' SHEET NO. 6 OF 14 SHEETS STA. 28+93.58 TO STA. 38+71.83

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	17
CONTRACT NO. 97515			ILLINOIS FEO. AID PROJECT	



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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**

 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6688
 WWW.TWM-VAI.COM • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



CITY OF BELLEVILLE

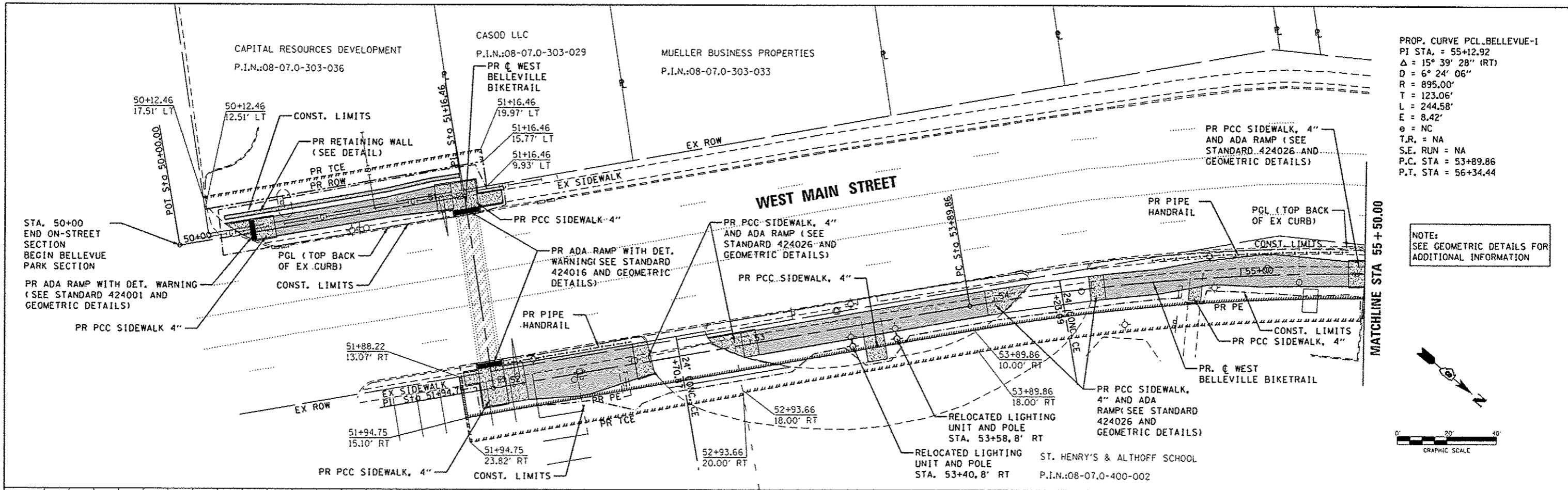
**PLAN
ON-STREET SECTION**
 SCALE: 1" = 20' SHEET NO. 7 OF 14 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	18
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

DATE
BY
DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

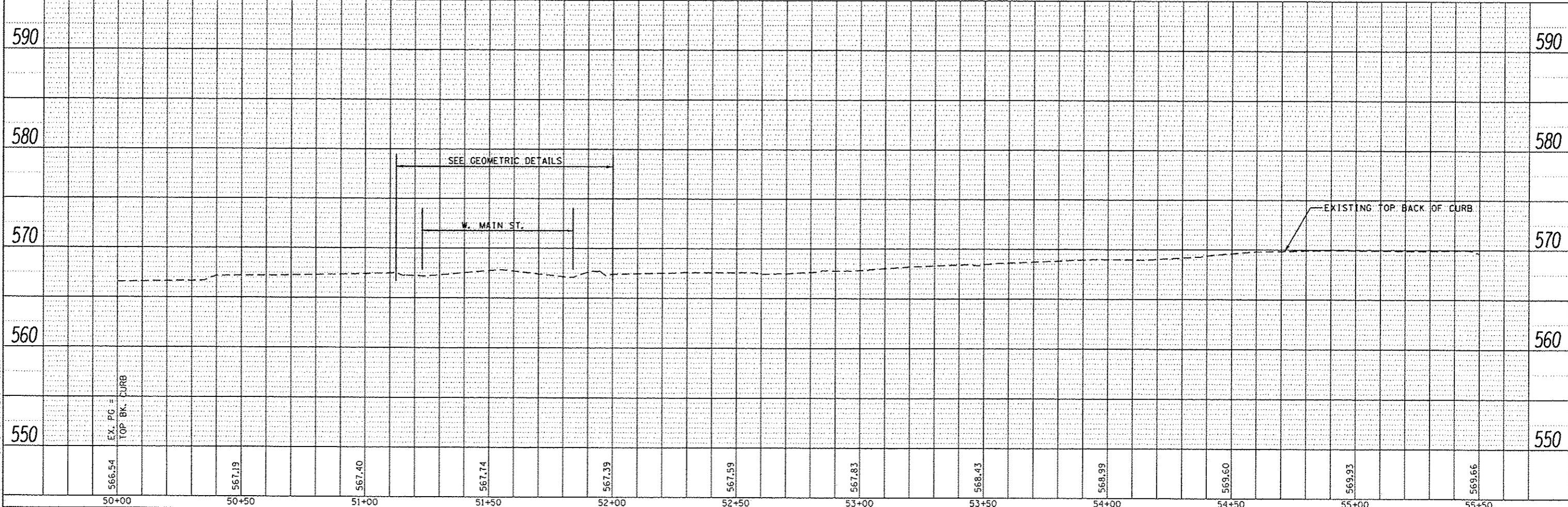
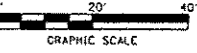
DATE
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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

DATE: 01-2013
PLOT DATE: 01/24/2013 9:53:19 AM
PLOT SCALE: 1" = 20'
PLOT BY: jstein
FILE NAME: F:\01068\4-CADD - DWG\4.2-TR\Sheet\01068-pinpr f8.dgn



PROP. CURVE PCL_BELLEVUE-1
 PI STA. = 55+12.92
 Δ = 15° 39' 28" (RT)
 D = 6° 24' 06"
 R = 895.00'
 T = 123.06'
 L = 244.58'
 E = 8.42'
 θ = NC
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 53+89.86
 P.T. STA = 56+34.44

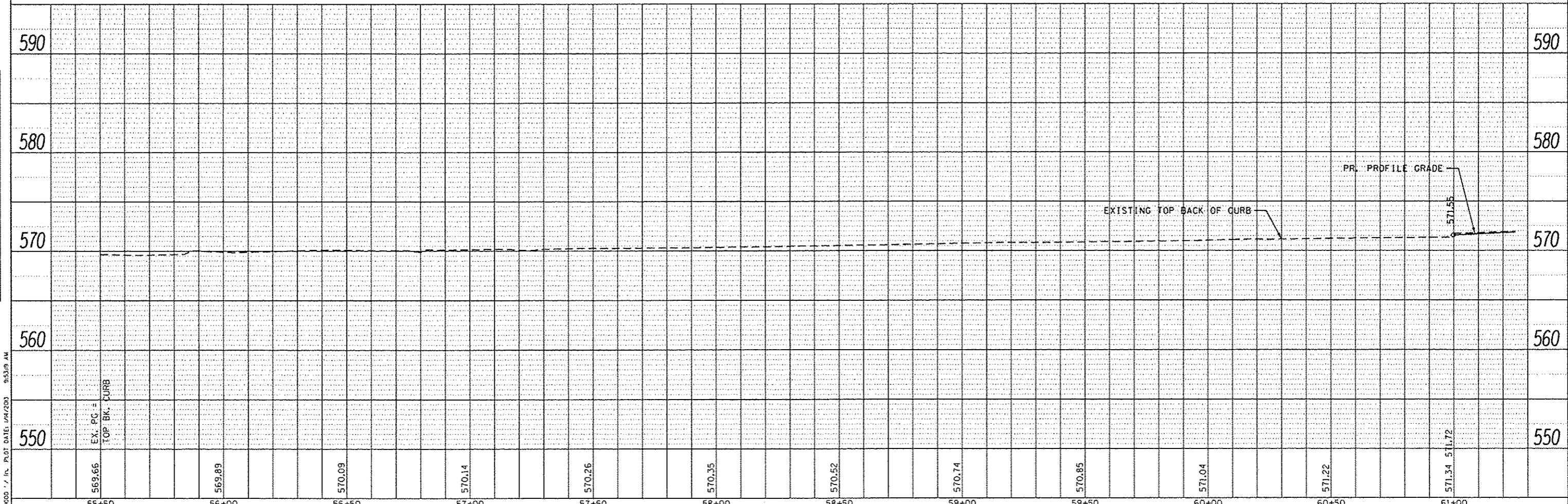
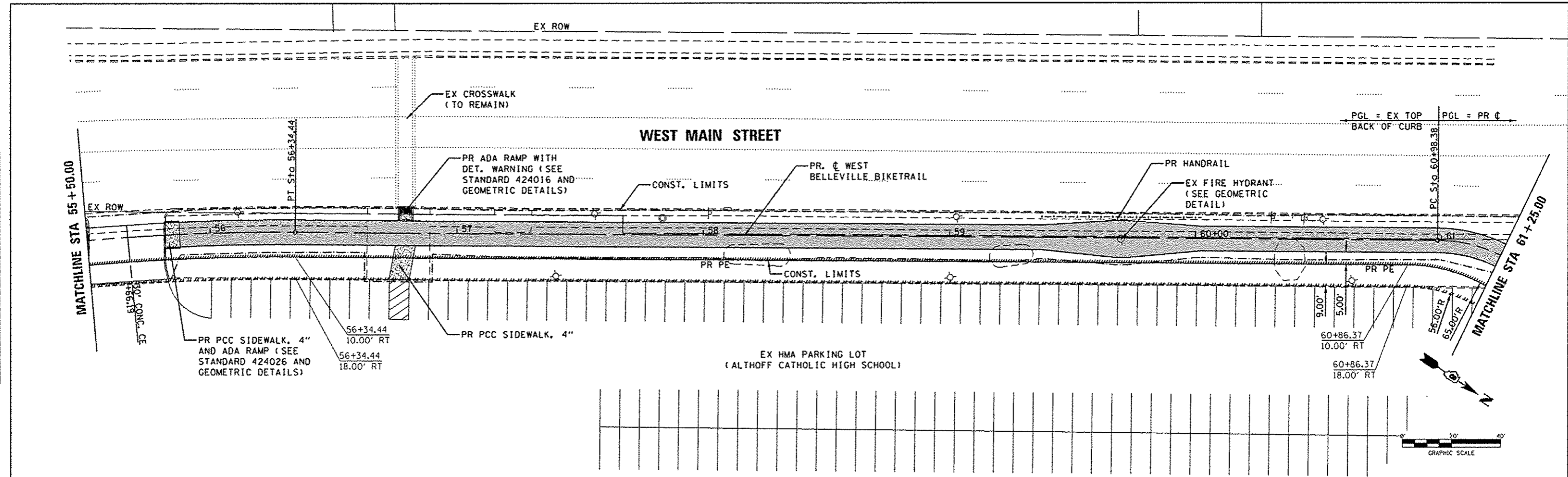
NOTE:
SEE GEOMETRIC DETAILS FOR
ADDITIONAL INFORMATION



REVISIONS	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	TWM	Belleville	CITY OF BELLEVILLE	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISIONS	DRAWN - JWS/KMO	CORPORATE OFFICE 4943 Old Callinsville Road Swensen, Illinois 62226 Tel: 618.824.4488 Fax: 618.824.6888	EXCEPTIONAL SERVICE NOTHING LESS.	ILLINOIS		BELLEVUE PARK SECTION	10-00215-00-BT	ST. CLAIR	129	19	
REVISIONS	CHECKED - SJK	SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES				SCALE: 1" = 20'					
REVISIONS	DATE - 01-2013					SHEET NO. 8 OF 14 SHEETS					
						STA. 50+00.00 TO STA. 55+00.00					
										ILLINOIS FED. AID PROJECT	

PLAN	DATE
REVISED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
ADD FILE NAME	

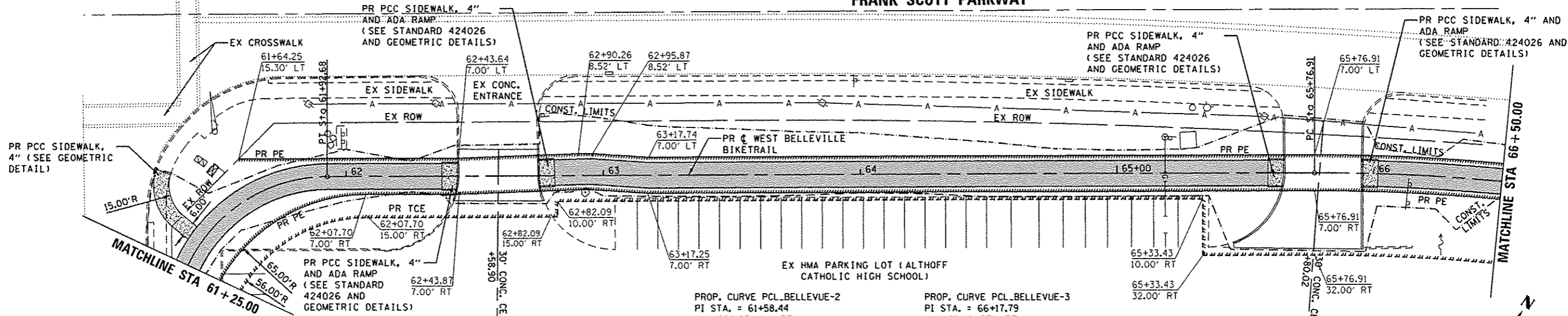
PROFILE	DATE
REVISED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
ADD FILE NAME	



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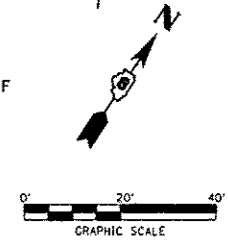
55+50	56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00
569.66	569.89	570.09	570.14	570.26	570.35	570.52	570.74	570.85	571.04	571.22	571.34
DESIGNED - JWS/KMO		THOUVENOT, WADE & MOERCHEN, INC.		CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888 SWANSEA • WASHINGTON • EDWARDSVILLE • ST. LOUIS • ST. CHARLES		CITY OF BELLEVILLE		PLAN AND PROFILE BELLEVUE PARK SECTION		SECTION 10-00215-00-BT	
DRAWN - JWS/KMO		CHECKED - SJK		DATE - 01-2013		SCALE: 1" = 20'		SHEET NO. 9 OF 14 SHEETS		COUNTY ST. CLAIR	
REVISOR		DATE		CONTRACT NO. 97515		STA. 55+50.00 TO STA. 61+25.00		TOTAL SHEETS 129		SHEET NO. 20	
ILLINOIS FED. AID PROJECT											

FRANK SCOTT PARKWAY



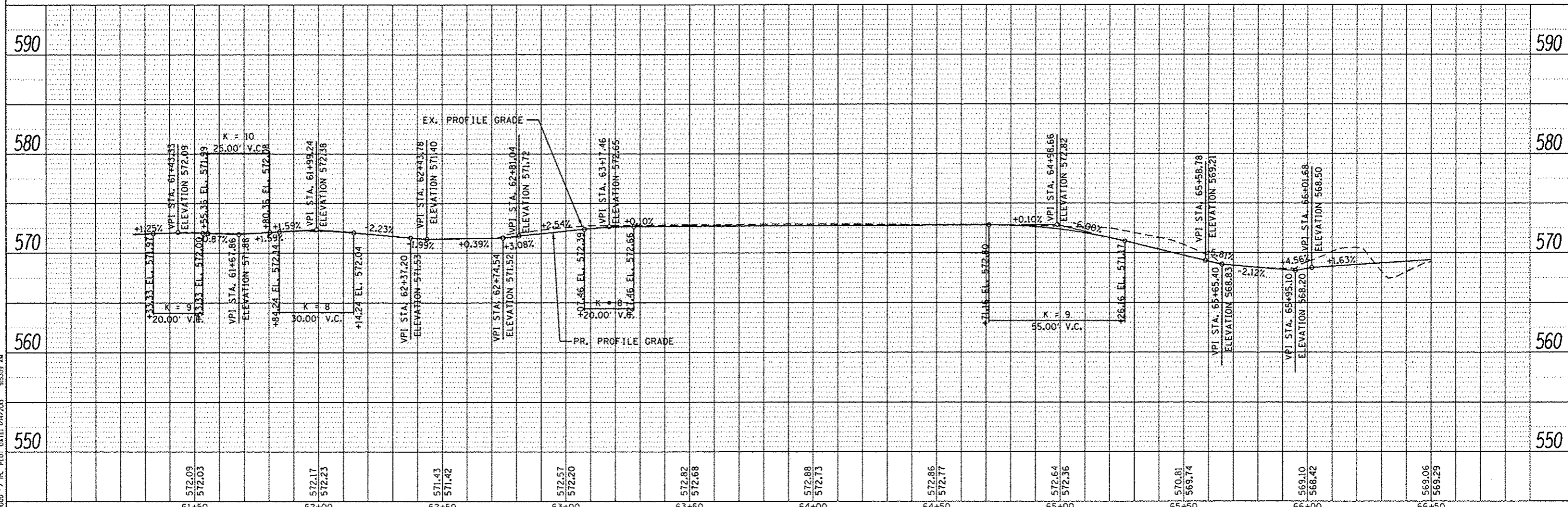
PROP. CURVE PCL BELLEVUE-2
 PI STA. = 61+58.44
 $\Delta = 90^{\circ} 03' 11''$ (RT)
 $D = 95^{\circ} 29' 35''$
 $R = 60.00'$
 $T = 60.06'$
 $L = 94.30'$
 $E = 24.89'$
 $\theta = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 60+98.38$
 $P.T. STA = 61+92.68$

PROP. CURVE PCL BELLEVUE-3
 PI STA. = 66+17.79
 $\Delta = 6^{\circ} 14' 27''$ (RT)
 $D = 7^{\circ} 38' 22''$
 $R = 750.00'$
 $T = 40.89'$
 $L = 81.69'$
 $E = 1.11'$
 $\theta = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 65+76.91$
 $P.T. STA = 66+58.60$



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ALIGNED	
RT. OF WAY	
NO. FILE NAME	
PLAN	
NOTE BOOK	
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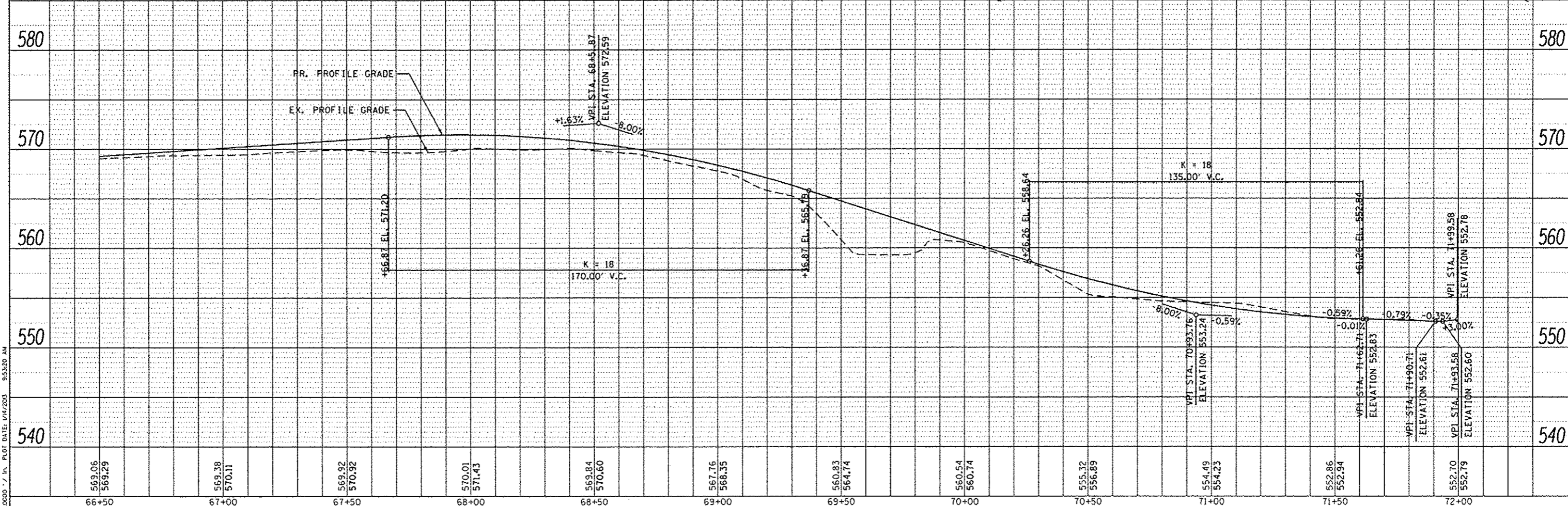
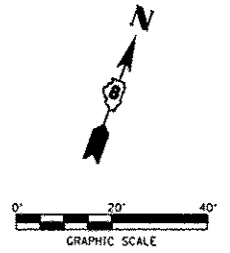
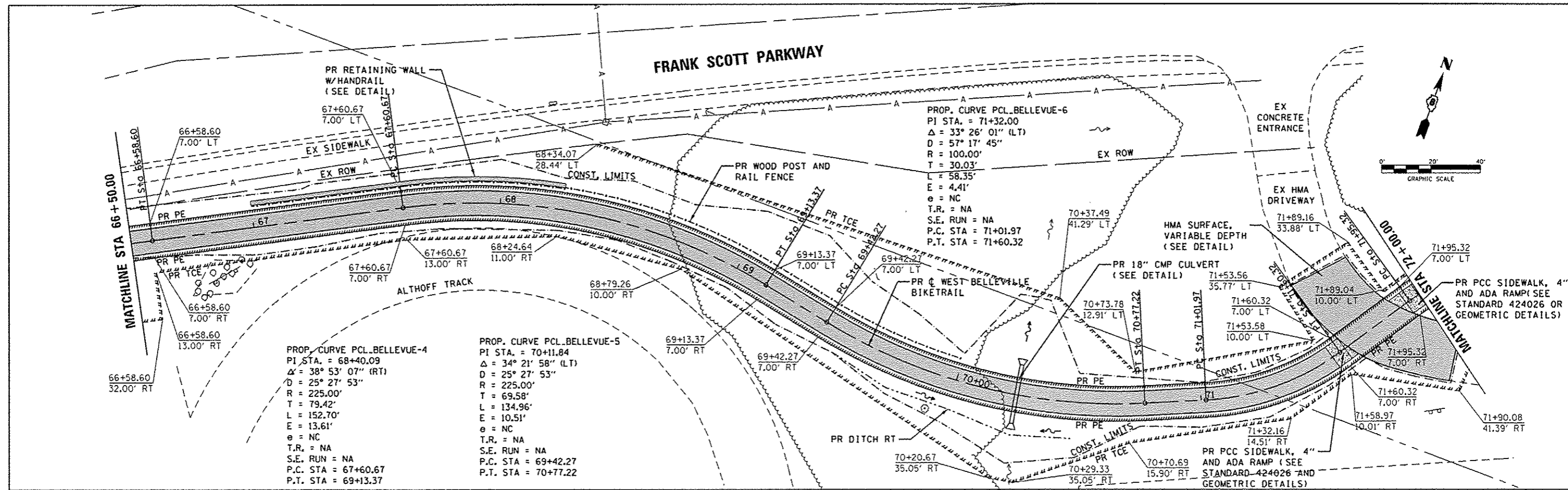
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REVISIONS: REVISION - DESIGNED - JWS/KMO REVISION - DRAWN - JWS/KMO REVISION - CHECKED - SJK REVISION - DATE - 01-2013	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.8888 SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES	TWM EXCEPTIONAL SERVICE. NOTHING LESS.	Belleville ILLINOIS	CITY OF BELLEVILLE	PLAN AND PROFILE BELLEVUE PARK SECTION SCALE: 1" = 20' SHEET NO. 10 OF 14 SHEETS STA. 61+25.00 TO STA. 66+50.00	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10-00215-00-BT ST. CLAIR 129 21 CONTRACT NO. 97515 ILLINOIS FED. AID PROJECT
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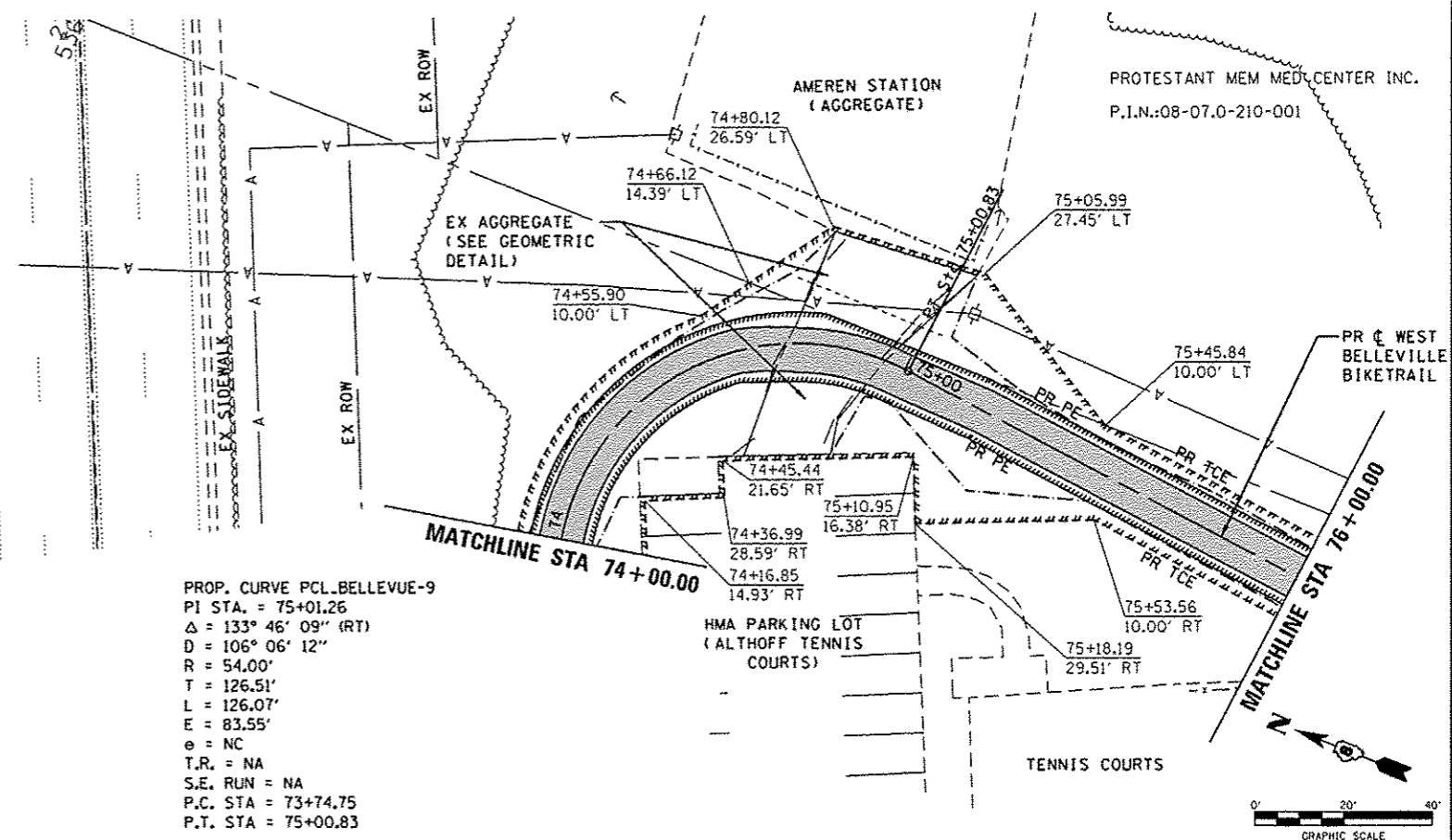
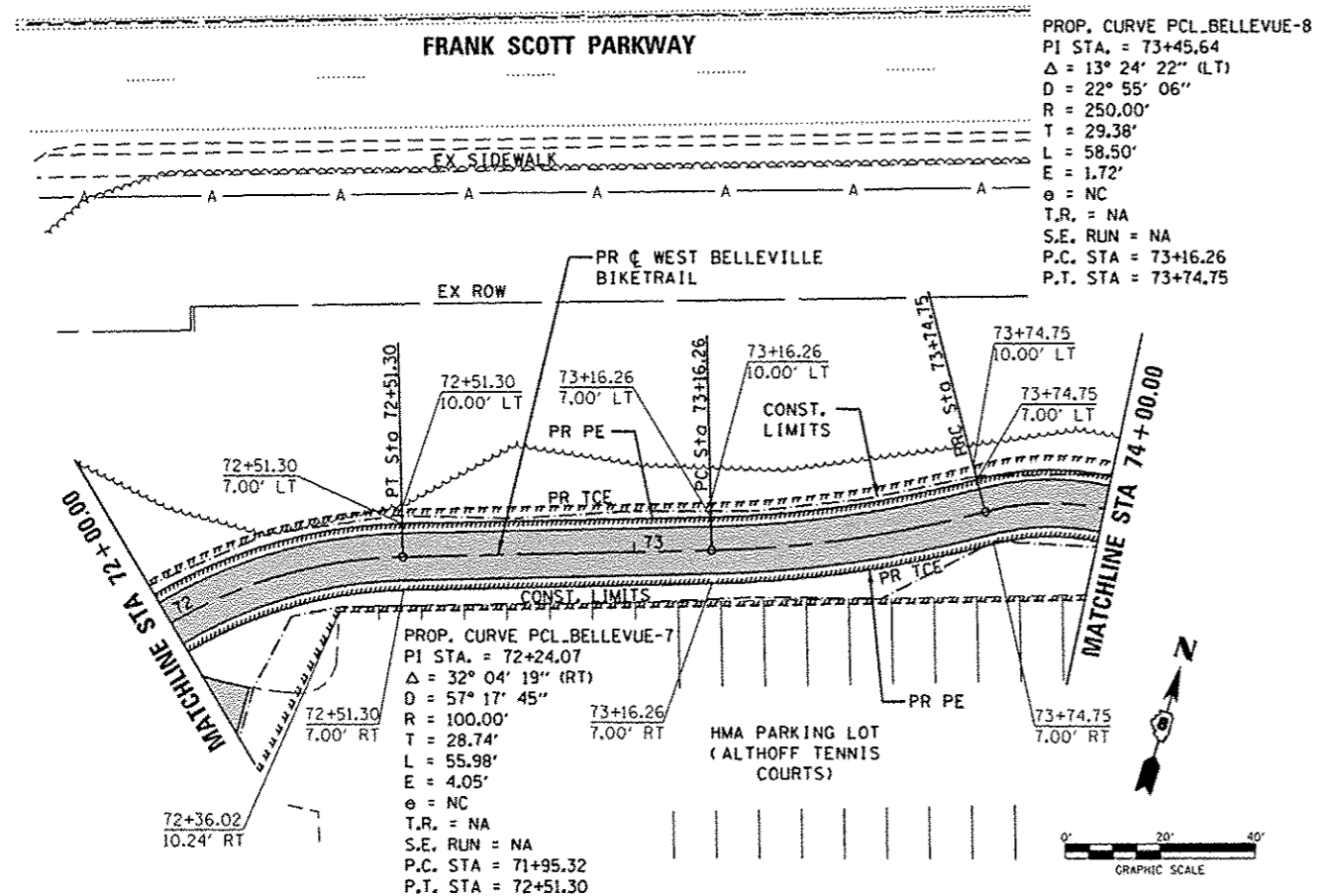
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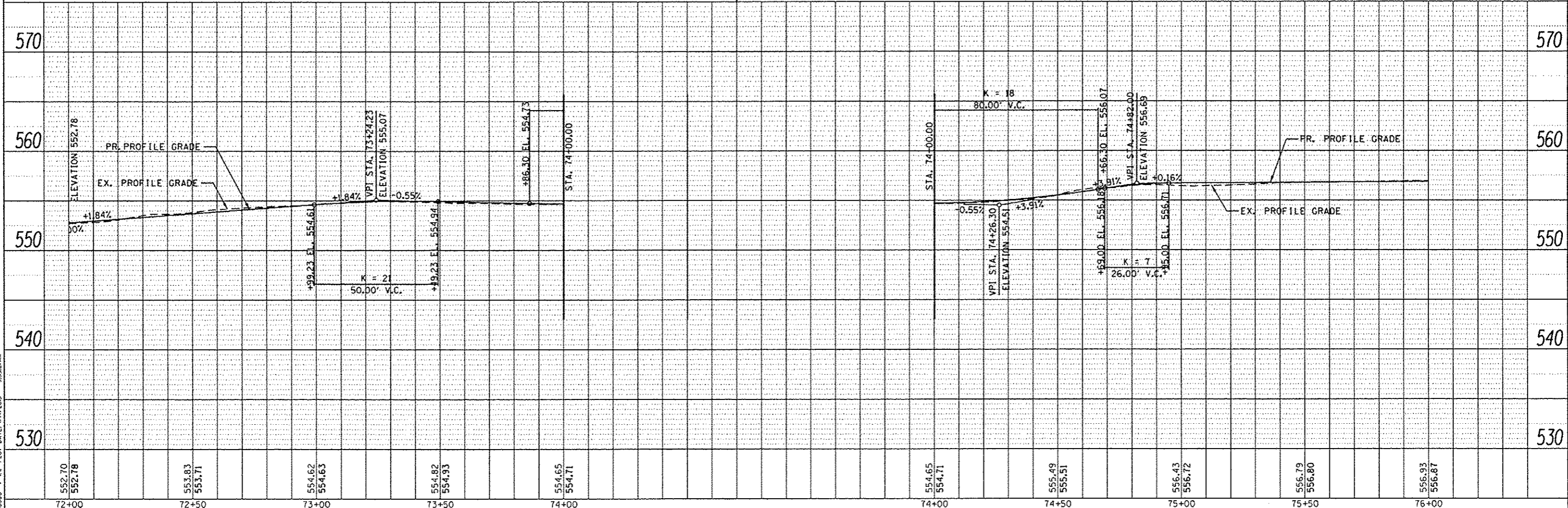


REVISIONS	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.8888 SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	 ILLINOIS	CITY OF BELLEVUE	PLAN AND PROFILE BELLEVUE PARK SECTION	SCALE: 1" = 20' SHEET NO. 11 OF 14 SHEETS STA. 66+50.00 TO STA. 72+00.00	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JWS/KMO							10-00215-00-BT	ST. CLAIR	129	22
	CHECKED - SJK							CONTRACT NO. 97515			
	DATE - 01-2013							ILLINOIS FED. AID PROJ. CT			

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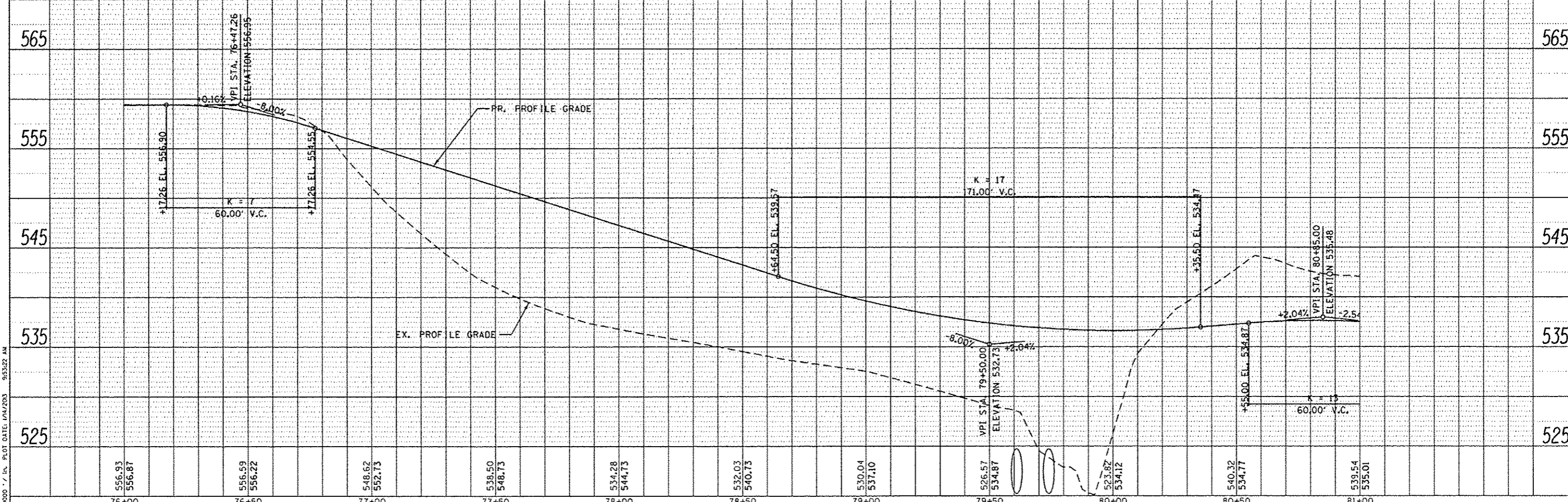
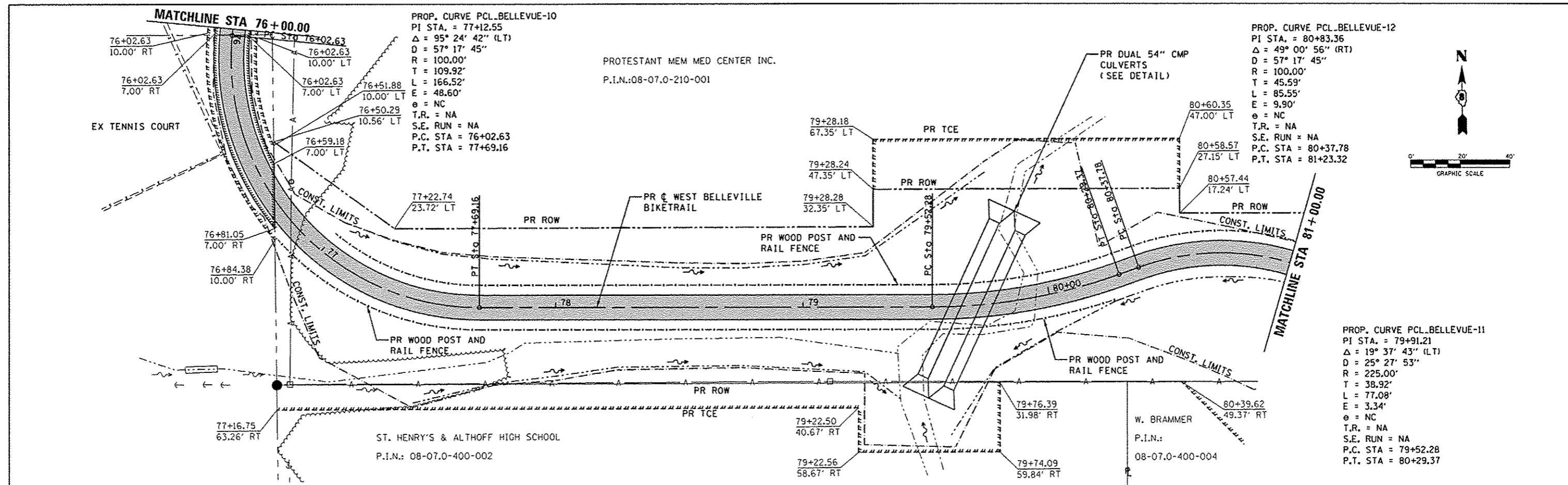


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REVISIONS:	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 <small>SWANSEA - WATRELOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>	 EXCEPTIONAL SERVICE. NOTHING LESS.	 I - L - L - I - N - O - I - S	CITY OF BELLEVUE	PLAN AND PROFILE BELLEVUE PARK SECTION		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10-00215-00-BT ST. CLAIR 129 23 CONTRACT NO. 97515
REVISIONS -	DRAWN - JWS/KMO							
REVISIONS -	CHECKED - SJK							
REVISIONS -	DATE - 01-2013							
SCALE: 1" = 20' SHEET NO. 12 OF 14 SHEETS STA. 72+00.00 TO STA. 76+00.00						ILLINOIS FED. AID PROJECT		

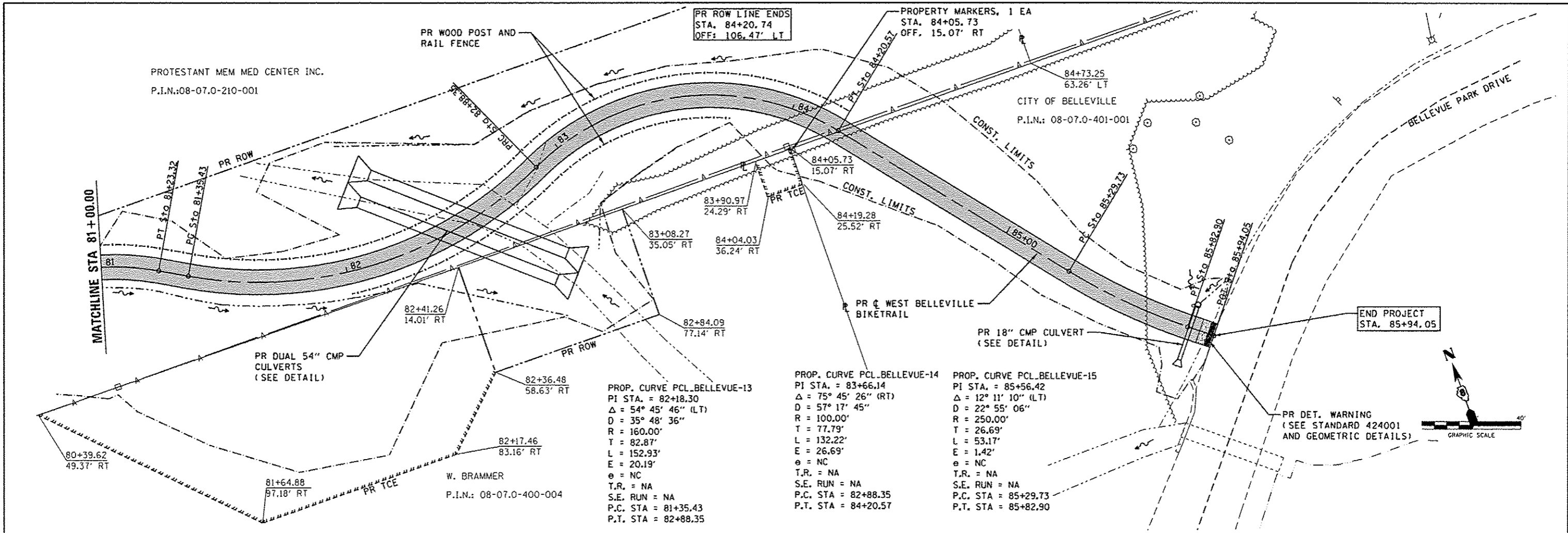
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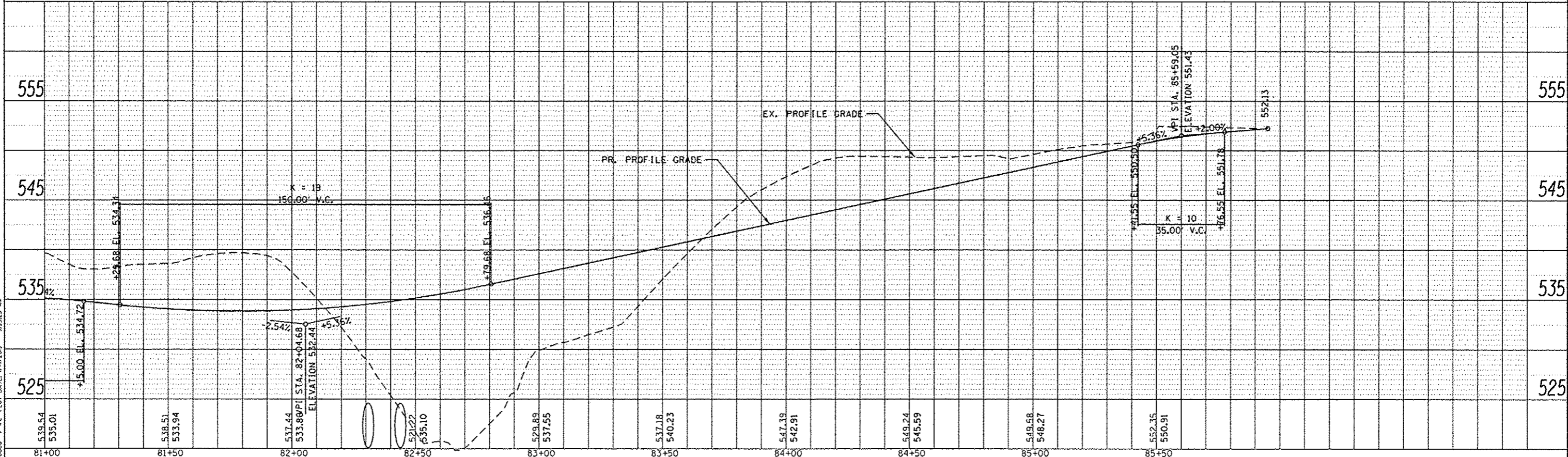


DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WAHLEGO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	 I - L - L - I - N - O - I - S	CITY OF BELLEVUE	PLAN AND PROFILE BELLEVUE PARK SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	24	
CHECKED - SUK						CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	
DATE - 01-2013										

PLAN	DATE
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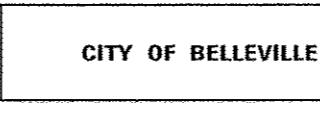


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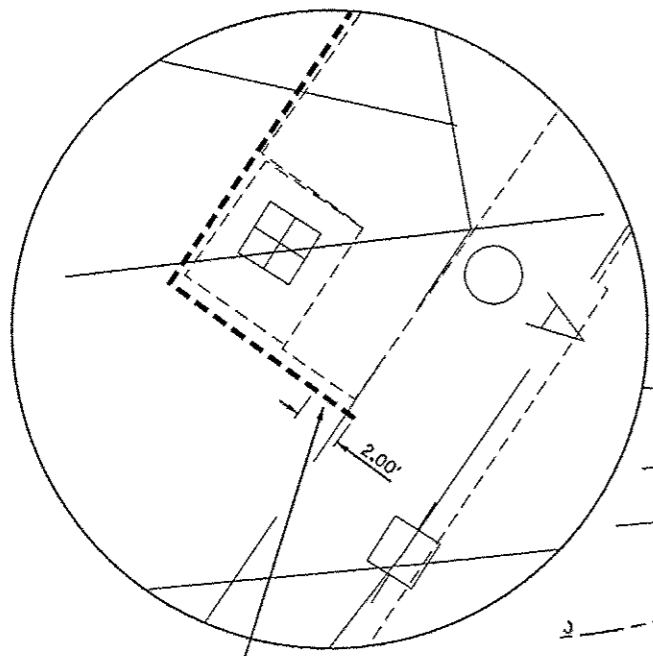
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DESIGNED - JWS/KMO
 DRAWN - JWS/KMO
 CHECKED - SUK
 DATE - 01-2013



PLAN AND PROFILE
BELLEVUE PARK SECTION
 SCALE: 1" = 20'
 SHEET NO. 14 OF 14 SHEETS
 STA. 81+00.00 TO STA. 85+94.05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	25
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



TIMBER RETAINING WALL
REMOVAL, 2 FT
(SEE SPECIAL PROVISIONS)

INSET

EX UTILITY POLE
(TO REMAIN)

SIDEWALK REMOVAL
281.2 S.F.

EX MANHOLE
(TO REMAIN)

EX ADVERTISING
SIGN (TO REMAIN)

COMB. C&G REMOVAL
28.6 L.F.

COMB. C&G REMOVAL
11.8 L.F.

MEDIAN SURFACE REMOVAL
66.7 S.F.

COMB. C&G REMOVAL
12.6 L.F.

FREEDOM DRIVE

NORTH BELT WEST

EX ADVERTISING
SIGN (TO REMAIN)

SIDEWALK REMOVAL
229.5 S.F.

GAS MAIN VENTS
(TO REMAIN)

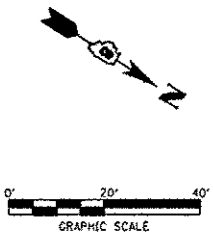
COMB. C&G REMOVAL
11.8 L.F.

PAVEMENT MARKING REMOVAL,
9.0 S.F. (STOP BAR)

PR. OF WEST
BELLEVILLE BIKE TRAIL

NORFOLK SOUTHERN RAILROAD

SIDEWALK REMOVAL
125.0 S.F.



REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES

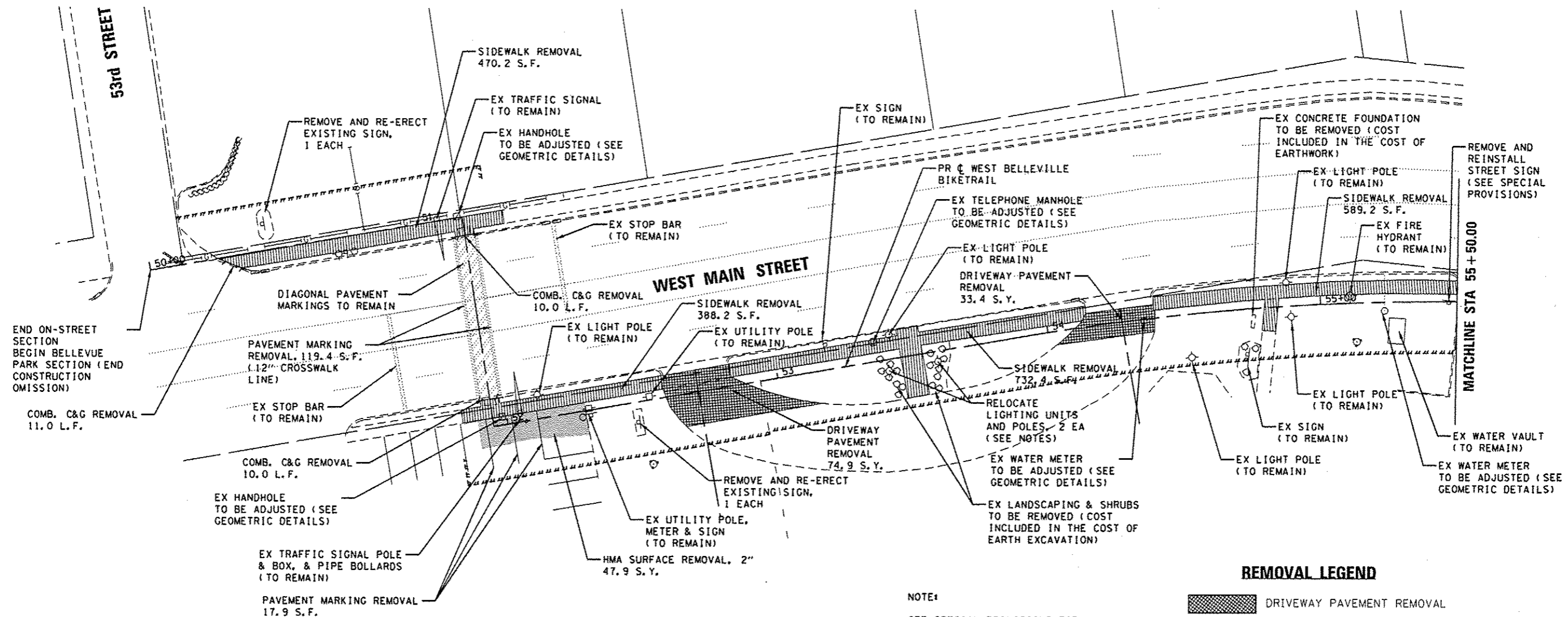
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swarano, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0688
CHECKED - SJK	TWM EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	BELLEVILLE ILLINOIS

CITY OF BELLEVILLE	
REMOVAL PLAN NORTH BELT SECTION	
SCALE: 1" = 20'	SHEET NO. 1 OF 8 SHEETS
STA. 25+00.00 TO STA. 28+93.58	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	26
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

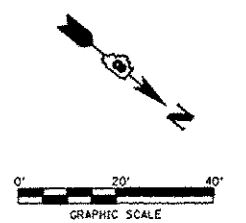
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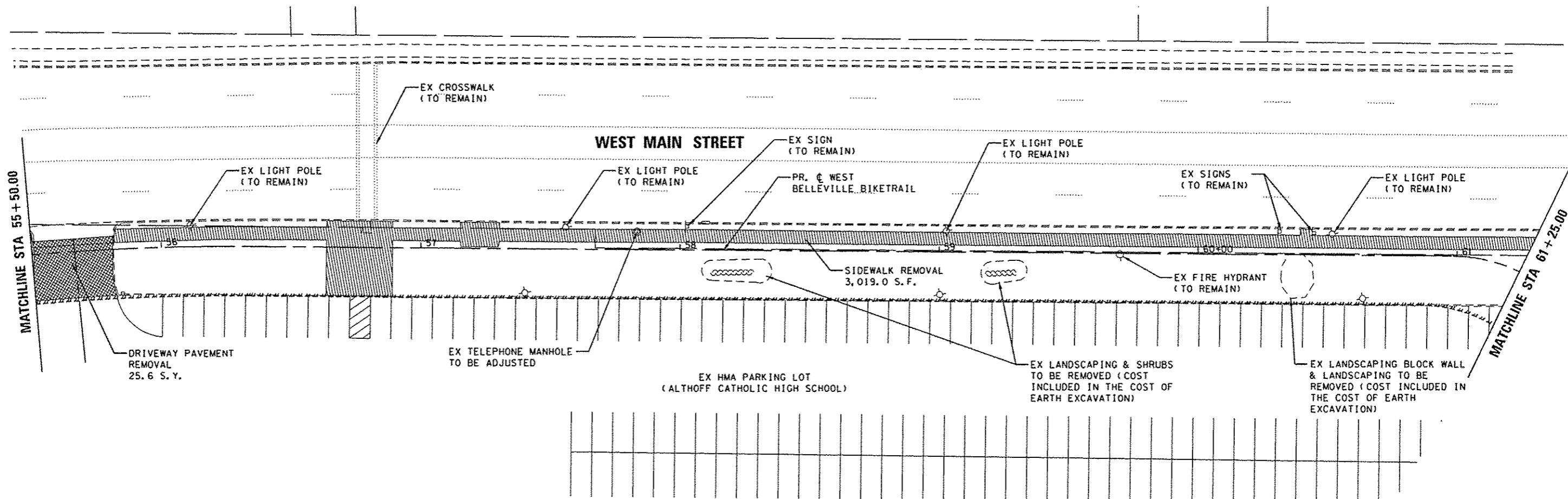
REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES

NOTE:
 SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
 SEE PLAN AND PROFILE SHEET AND SPECIAL PROVISIONS FOR LIGHTING UNITS AND POLES RELOCATION DETAILS.



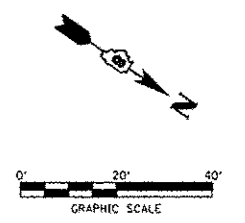
REVISED -	DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. <small>SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>	 <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.8888</small>	 <small>BELLEVILLE ILLINOIS</small>	CITY OF BELLEVILLE	REMOVAL PLAN BELLEVUE PARK SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	27	
REVISED -	CHECKED - SJK						CONTRACT NO. 97515				
REVISED -	DATE - 01-2013						ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET NO. 2 OF 8 SHEETS	STA. 50+00.00 TO STA. 55+50.00				



REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES

NOTE:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PLOT SCALE: 40,0000 7 5x PLOT DATE: 1/14/2013 9:53:25 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6088
CHECKED - SJK	SWANSEA WATER TOWER - TOWARD SWANSEA - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.



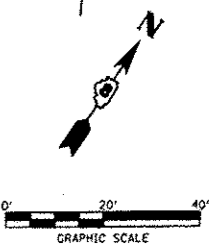
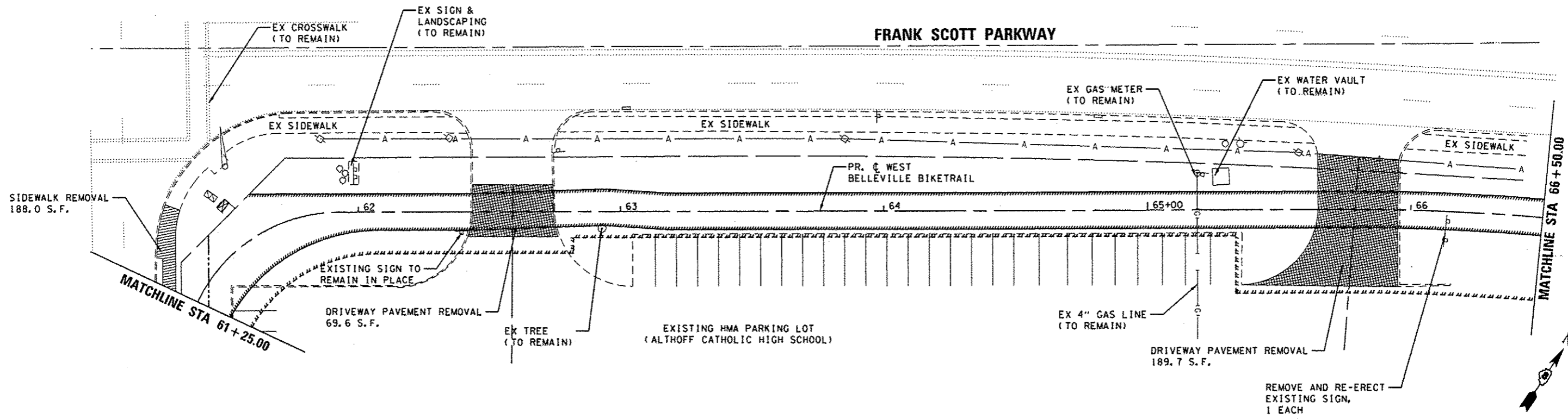
CITY OF BELLEVILLE

REMOVAL PLAN BELLEVUE PARK SECTION	
SCALE: 1" = 20'	SHEET NO. 3 OF 8 SHEETS
STA. 55+50.00 TO STA. 61+25.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	28
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

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PLOTTED BY: lsh46n
 PLOT SCALE: 40.0000 / 1" IN. PLOT DATE: 2/20/2015 02:32:31 PM



NOTE:
 SEE SPECIAL PROVISIONS FOR
 ADDITIONAL REQUIREMENTS.

REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

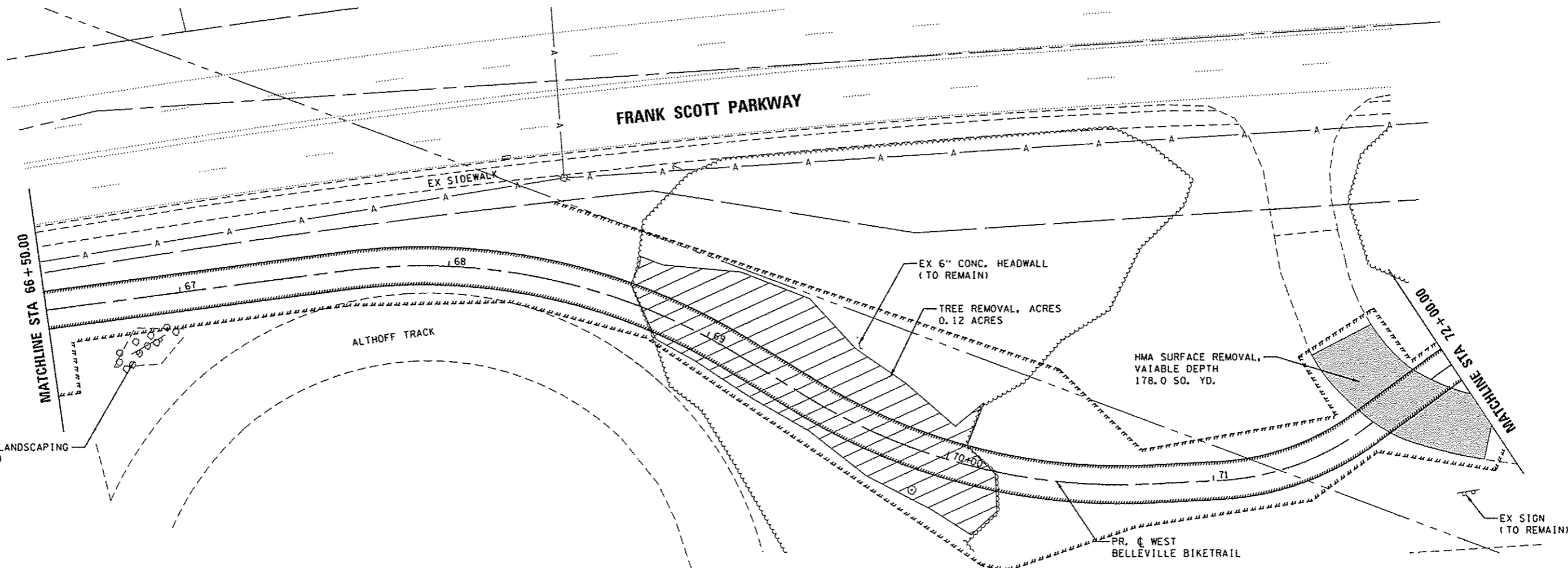
TWM
EXCEPTIONAL SERVICE
NOTHING LESS.

Belleville
I - L - L - I - N - O - I - S


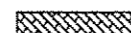


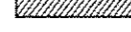
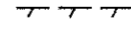
CITY OF BELLEVILLE

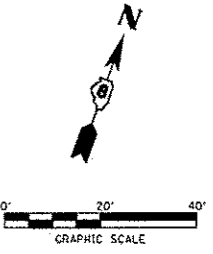
REMOVAL PLAN
BELLEVUE PARK SECTION
 SCALE: 1" = 20' SHEET NO. 4 OF 8 SHEETS STA. 61+25.00 TO STA. 66+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	29
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				





REMOVAL LEGEND

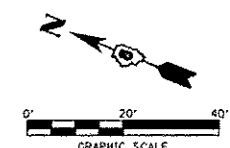
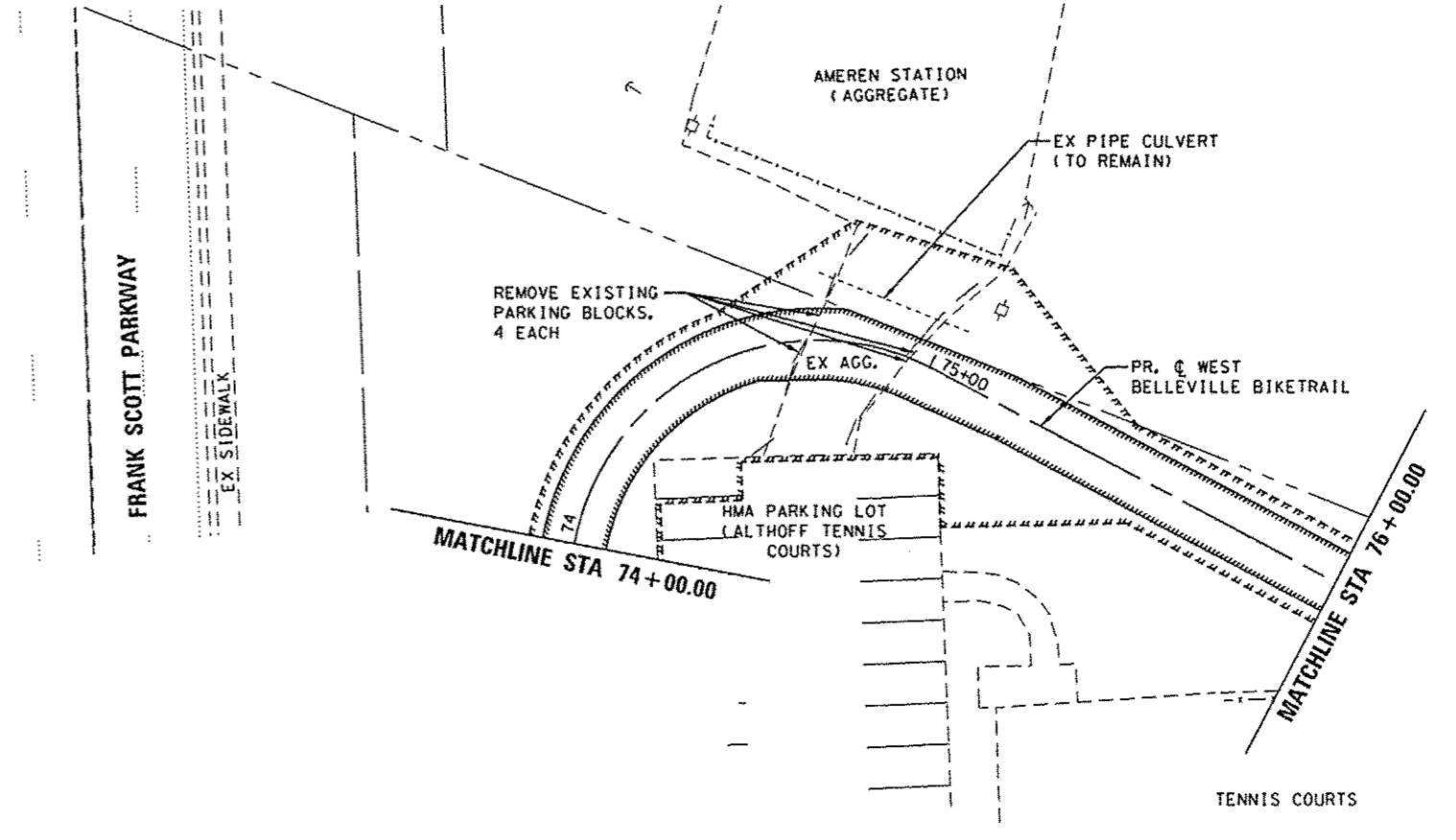
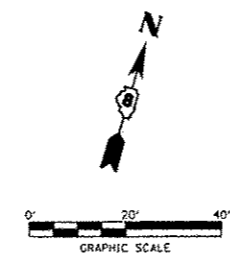
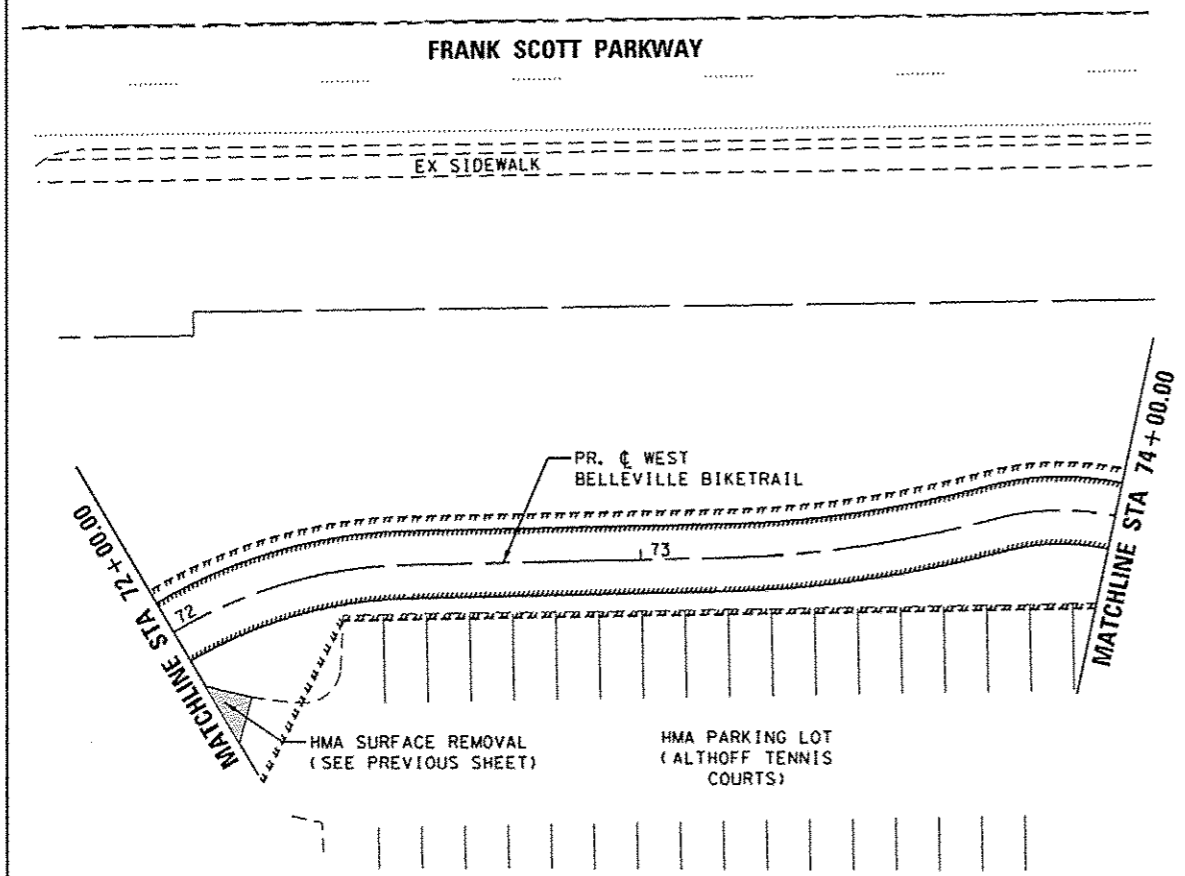
-  DRIVEWAY PAVEMENT REMOVAL
-  MEDIAN SURFACE REMOVAL
-  HMA SURFACE REMOVAL
-  SIDEWALK REMOVAL
-  CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
-  TREE REMOVAL, ACRES



PLOTTED BY: jshahn
 PLOT SCALE: 40,0000 "/>

REVISI	DESIGN	THOUVENOT, WADE & MOERCHEN, INC. <small>SWANSEA, ILLINOIS • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>	 <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	 <small>I · L · L · I · N · O · I · S</small>	CITY OF BELLEVILLE	REMOVAL PLAN BELLEVUE PARK SECTION		F.A.	SECTION	COUNTY	TOTAL	SHEET
REVISI	DRAWN							RTE.	10-00215-00-BT	ST. CLAIR	129	30
REVISI	CHECKED					<small>SCALE: 1" = 20' SHEET NO. 5 OF 8 SHEETS STA. 66+50.00 TO STA. 72+00.00</small>		<small>ILLINOIS FED. AID PROJECT</small>				
REVISI	DATE											

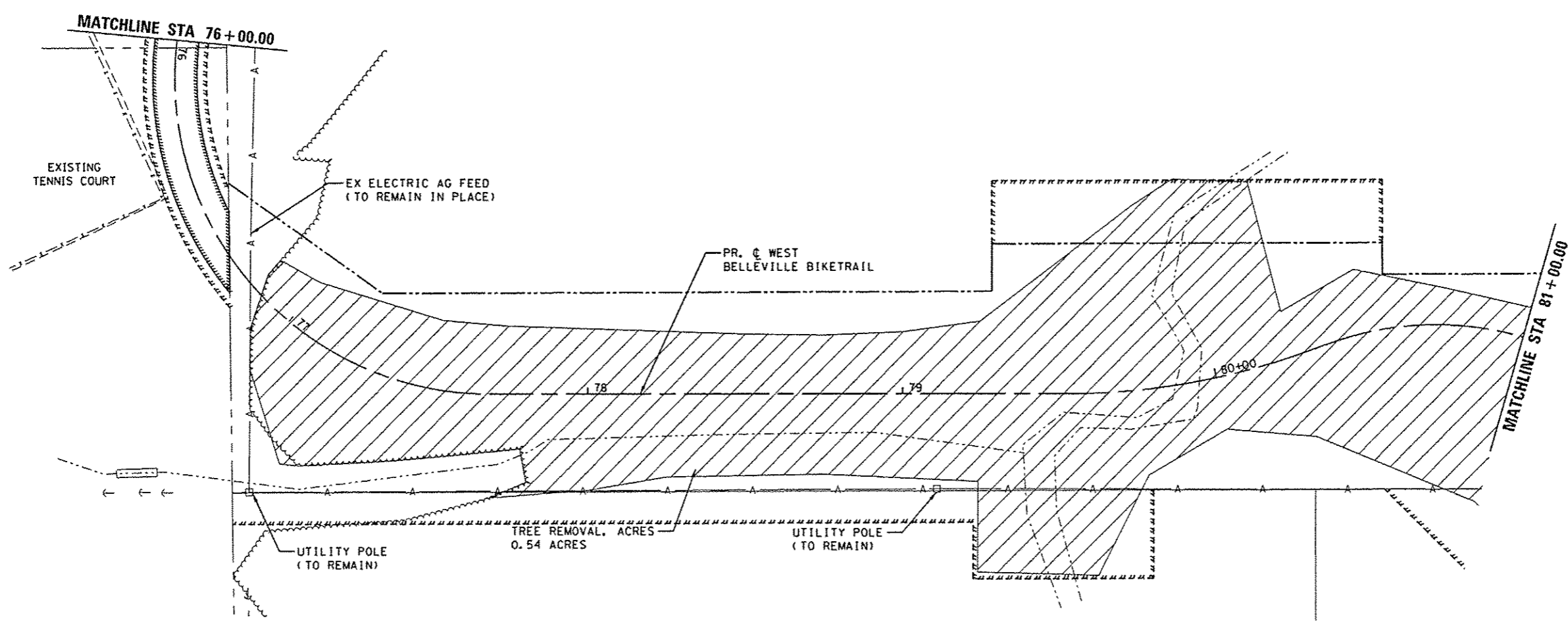
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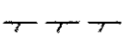
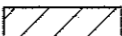
REMOVAL LEGEND

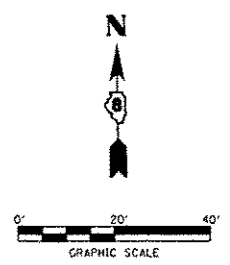
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES

REVISIONS: REVISION 1: [] REVISION 2: [] REVISION 3: [] REVISION 4: []	DESIGNED - JWS/KMO DRAWN - JWS/KMO CHECKED - SJK DATE - 01-2013	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6088</small> <small>SWANSEA - WARREN - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>	 <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	 <small>BELLEVUE ILLINOIS</small>	CITY OF BELLEVUE	REMOVAL PLAN BELLEVUE PARK SECTION	F.A. RTE. [] SECTION 10-00215-00-BT COUNTY ST. CLAIR CONTRACT NO. 97515	TOTAL SHEETS 129 SHEET NO. 31	ILLINOIS FED. AID PROJECT
SCALE: 1" = 20' SHEET NO. 6 OF 8 SHEETS STA. 72+00.00 TO STA. 76+00.00									



REMOVAL LEGEND

-  DRIVEWAY PAVEMENT REMOVAL
-  MEDIAN SURFACE REMOVAL
-  HMA SURFACE REMOVAL
-  SIDEWALK REMOVAL
-  CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
-  TREE REMOVAL, ACRES



PLOT SCALE: 40,0000 / in. PLOT DATE: 1/14/2013 9:53:27 AM
 PLOTTED BY: jstern

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA • WATERLOO • STOKESVILLE • ST. LOUIS • ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.



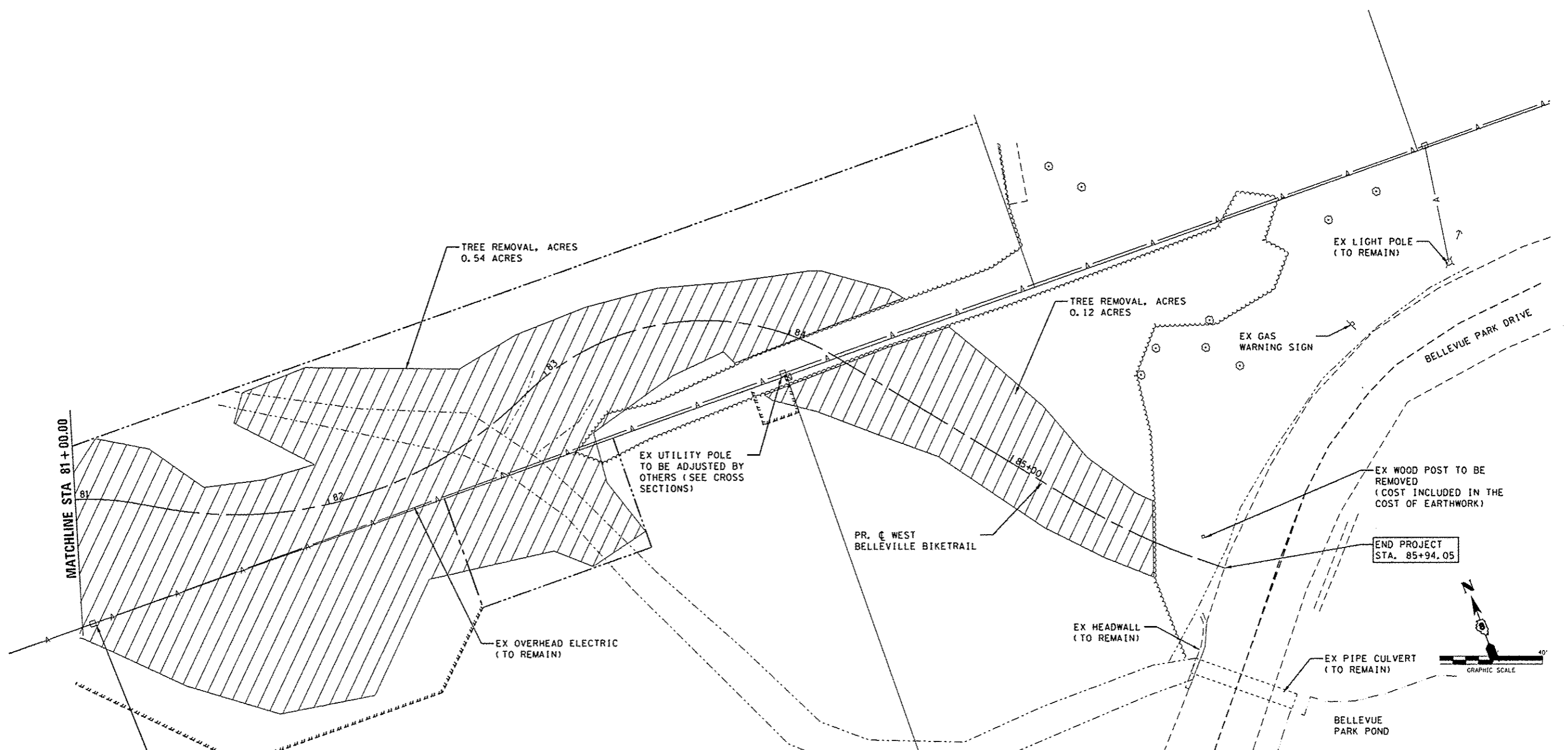
CITY OF BELLEVILLE

REMOVAL PLAN BELLEVUE PARK SECTION	
SCALE: 1" = 20'	SHEET NO. 7 OF 8 SHEETS
STA. 76+00.00 TO STA. 81+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	32
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

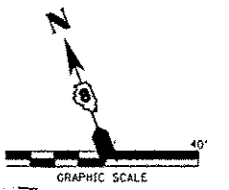
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PLOTTED BY: jshen
 PLOT SCALE: 40,0000 "/>



REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- CONC. CURB, CONC. GUTTER & COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL, ACRES



DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
 SWANSEA • WATERLOO • HUNTERDON • ST. LOUIS • ST. CHARLES

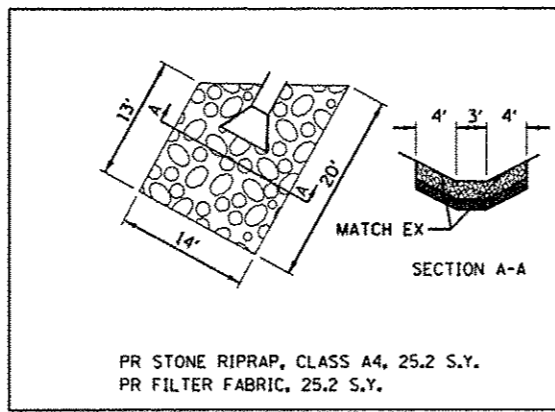


CITY OF BELLEVILLE

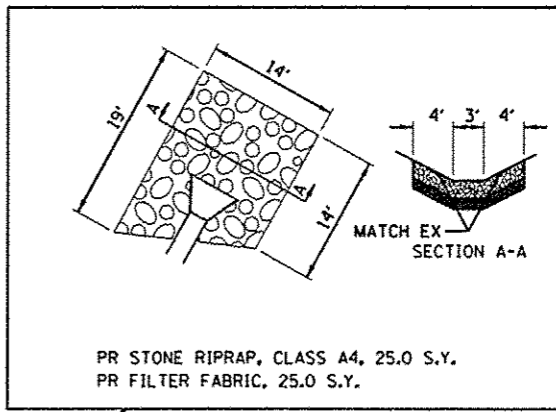
REMOVAL PLAN
BELLEVUE PARK SECTION
 SCALE: 1" = 20'
 SHEET NO. 8 OF 8 SHEETS
 STA. 81+00.00 TO STA. 84+94.05

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	33
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

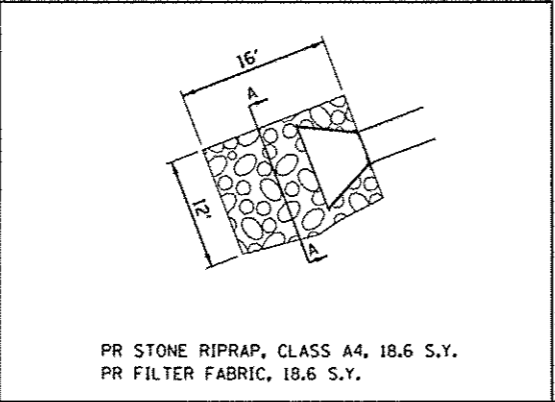
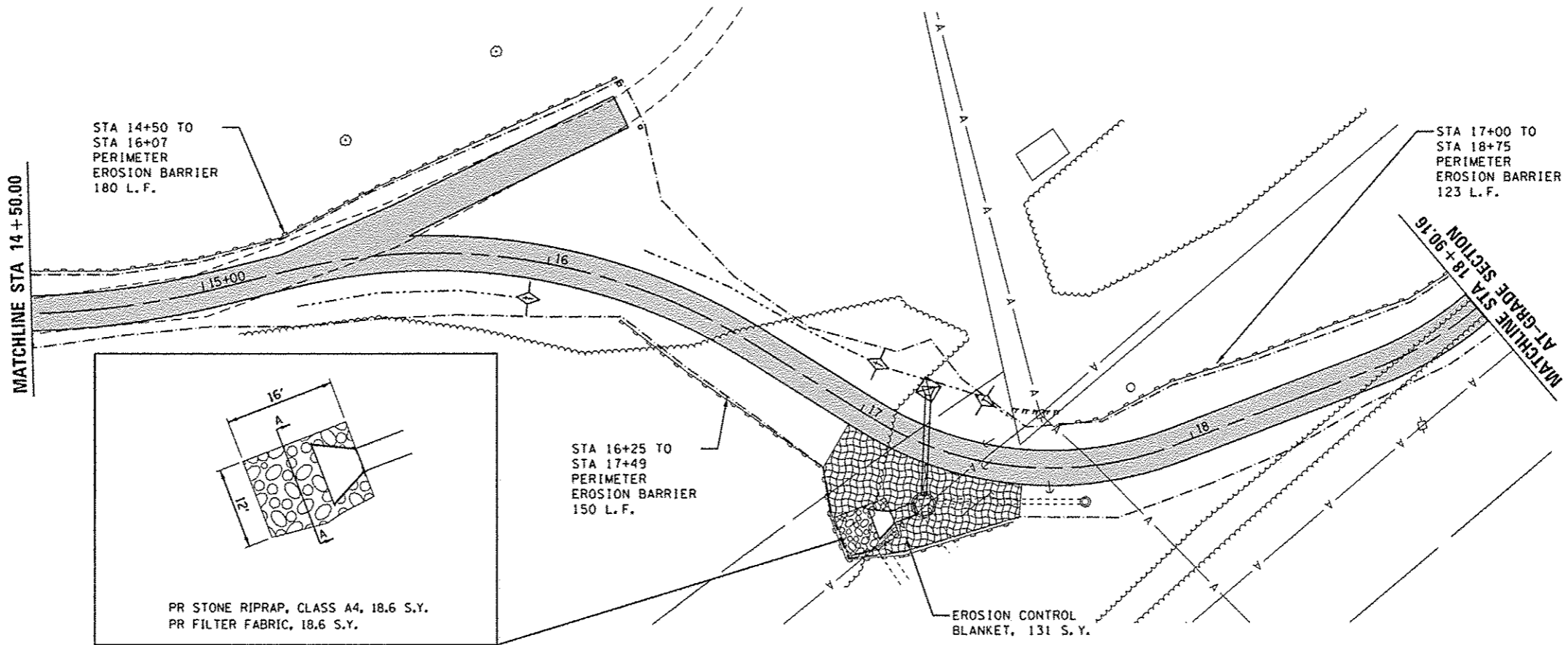
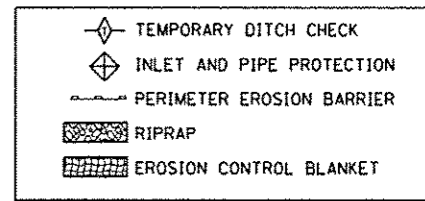
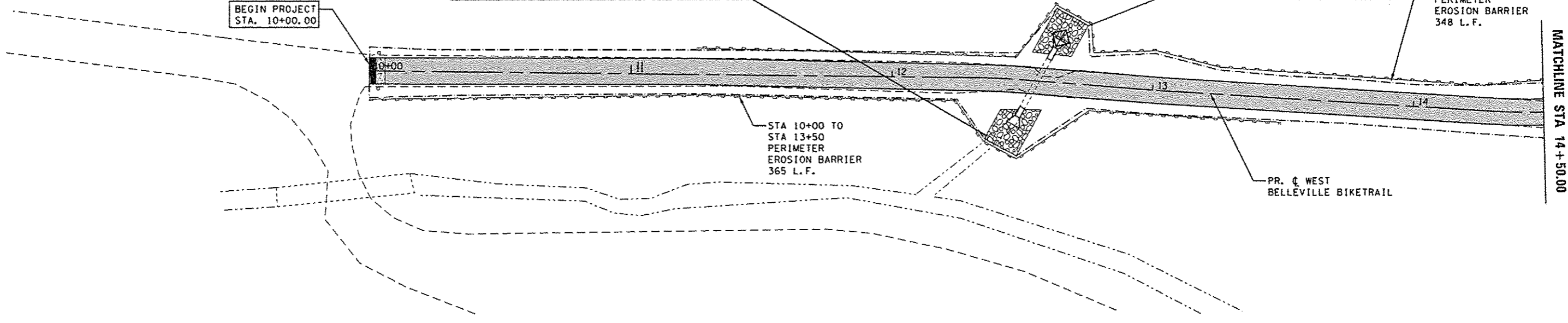
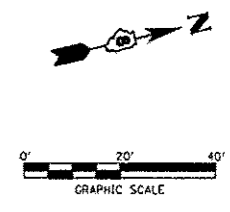
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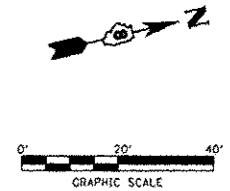
PR STONE RIPRAP, CLASS A4, 25.2 S.Y.
PR FILTER FABRIC, 25.2 S.Y.



PR STONE RIPRAP, CLASS A4, 25.0 S.Y.
PR FILTER FABRIC, 25.0 S.Y.



PR STONE RIPRAP, CLASS A4, 18.6 S.Y.
PR FILTER FABRIC, 18.6 S.Y.



PLOT SCALE: 40,0000 1/4" = 1' PLOT DATE: 1/14/2003 9:53:29 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0899
CHECKED - SJK	SWANSEA - WATFORD - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

Belleville
I.L.L.I.N.O.I.S

CITY OF BELLEVILLE

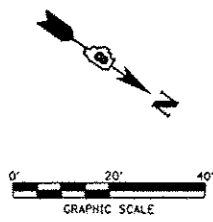
EROSION CONTROL PLAN
CITIZENS PARK SECTION

SCALE: 1" = 20' SHEET NO. 1 OF 10 SHEETS STA. 10+00.00 TO STA. 18+90.16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	34
CONTRACT NO. 97515				

ILLINOIS FED. AID PROJECT				
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MATCHLINE STA 18+90.16
CITIZENS PARK SECTION

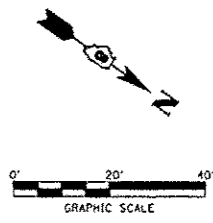


- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIPRAP
- EROSION CONTROL BLANKET

PR. & WEST
BELLEVILLE BIKE TRAIL

MATCHLINE

MATCHLINE



PR. & WEST
BELLEVILLE BIKE TRAIL

PT. STA. 29+50.73

MATCHLINE

EQUALIZATION
STA. 29+50.73 BK. =
STA. 15+08.55 AH

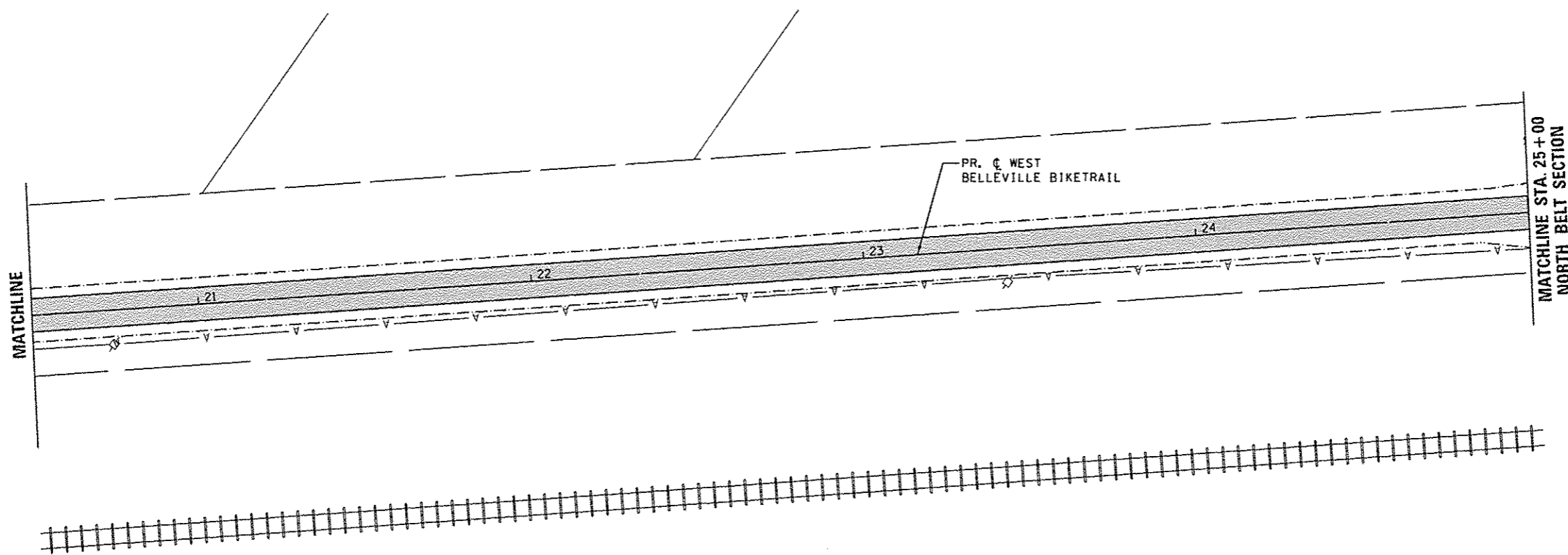
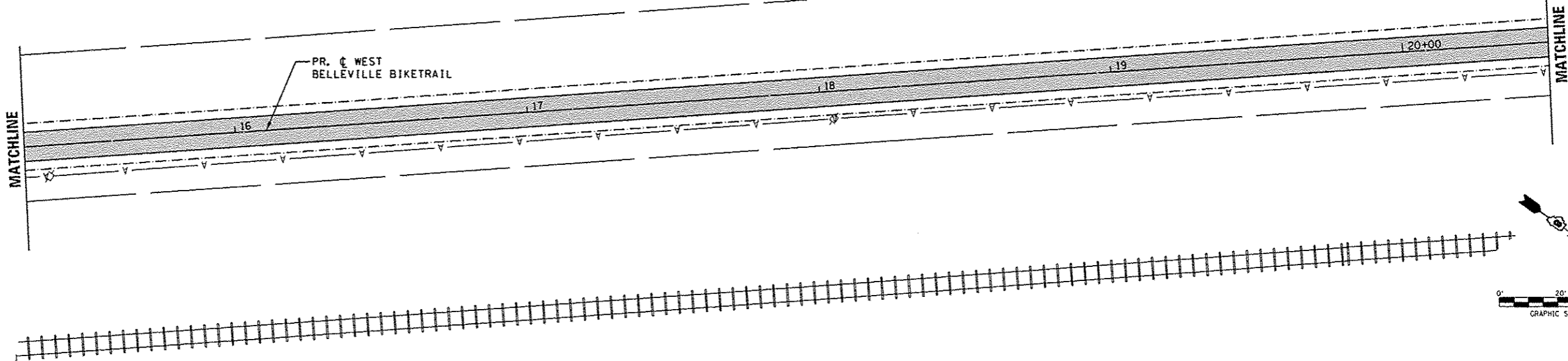
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DESIGNED - JWS/KMD	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMD	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	TWM EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	BELLEVILLE ILLINOIS

CITY OF BELLEVILLE	
EROSION CONTROL PLAN AT-GRADE SECTION	
SCALE: 1" = 20'	SHEET NO. 2 OF 10 SHEETS
STA. 18+90.16	TO STA. 29+50.73

F.A. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	35
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

FILE NAME: P:\1006B\4-CA00 - 0\WC\4.2-TR\Sheets\1006B-erosn3-4.dgn



- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIPRAP
- EROSION CONTROL BLANKET

PLOT SCALE: 40.0000 / IN. PLOT DATE: 1/14/2013 9:53:30 AM
 PLOTTED BY: jk4610

DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.0088
SWANSEA • WARDLEIGH • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



CITY OF BELLEVILLE

EROSION CONTROL PLAN
AT-GRADE SECTION
 SCALE: 1" = 20' SHEET NO. 3 OF 10 SHEETS STA. 15+06.55 TO STA. 25+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	36
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

STA 25+00 TO
STA 26+45
PERIMETER
EROSION BARRIER
127 L.F.

AT-GRADE SECTION
MATCHLINE STA. 25+00

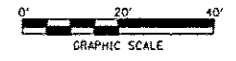
TEMP. DITCH CHECKS,
1 EACH

PERIMETER
EROSION BARRIER
55 L.F.

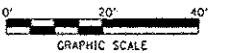
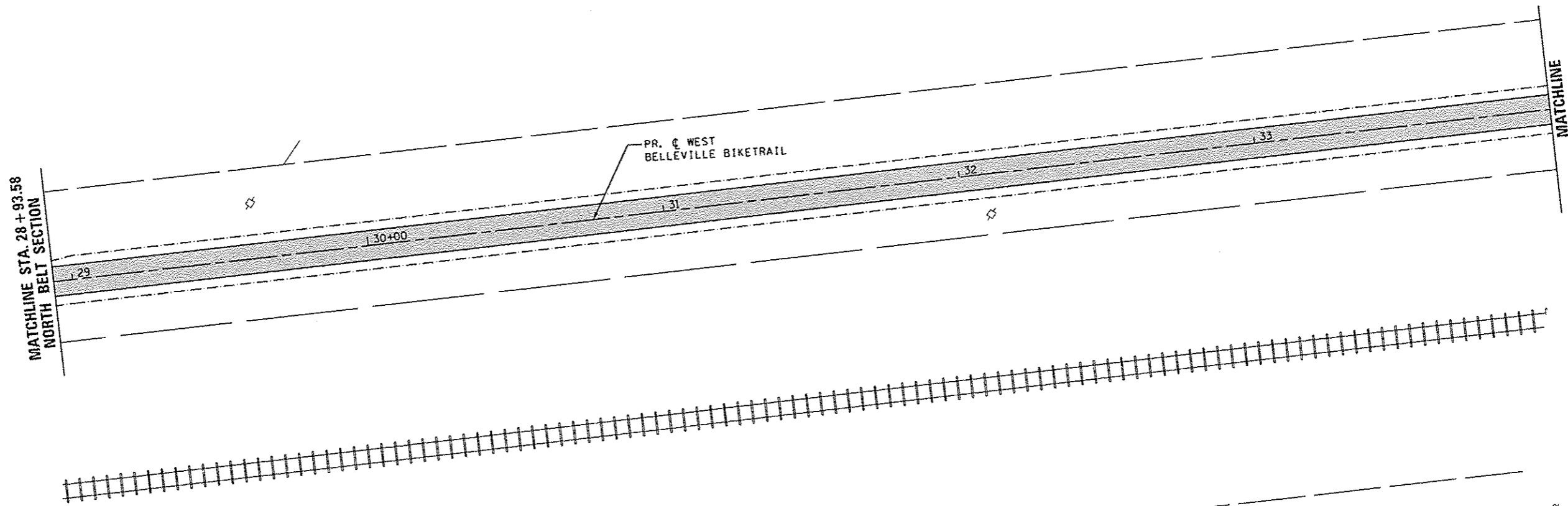
PERIMETER
EROSION BARRIER
53 L.F.

STA 27+22 TO
STA 28+75
PERIMETER
EROSION BARRIER
163 L.F.

MATCHLINE STA. 28+93.58
AT-GRADE SECTION



- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIPRAP
- EROSION CONTROL BLANKET



PLOT SCALE: 40,0000 - 1/4" PLOT DATE: 1/14/2013 9:53:31 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	SWANSEA • WARREROO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.



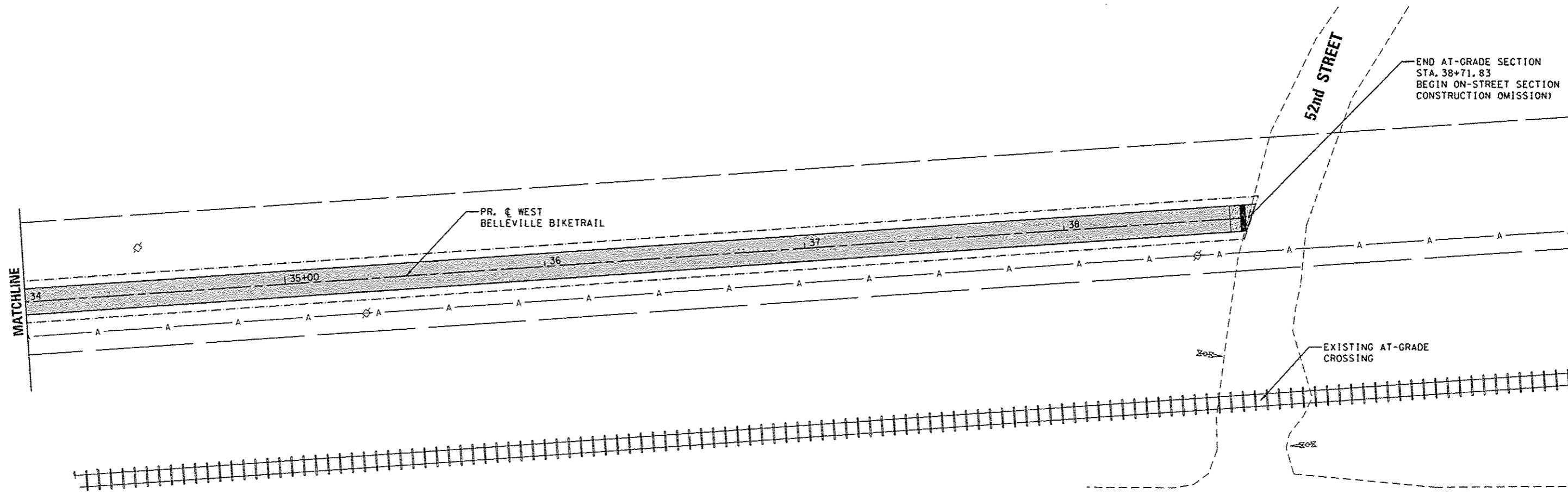
CITY OF BELLEVILLE

**EROSION CONTROL PLAN
NORTH BELT SECTION & AT-GRADE SECTION**

SCALE: 1" = 20' SHEET NO. 4 OF 10 SHEETS STA. 25+00.00 TO STA. 34+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	37
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

PLOTTED BY: jshain
 PLOT SCALE: 40,0000 / in. PLOT DATE: 1/16/2013 9:53:32 AM
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- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIPRAP
- EROSION CONTROL BLANKET

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

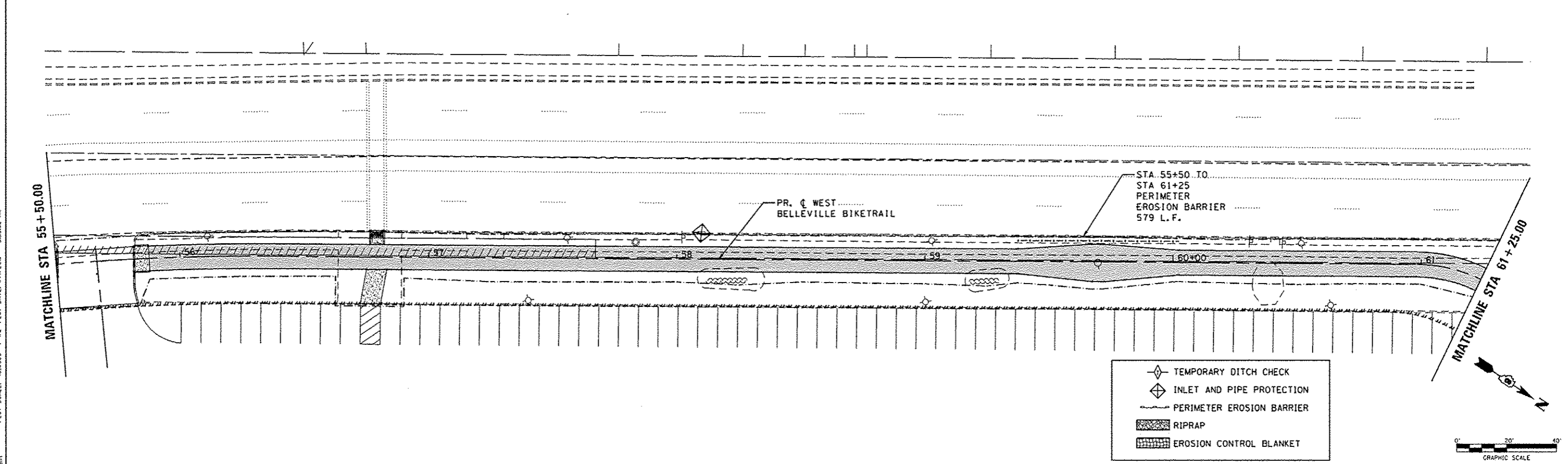
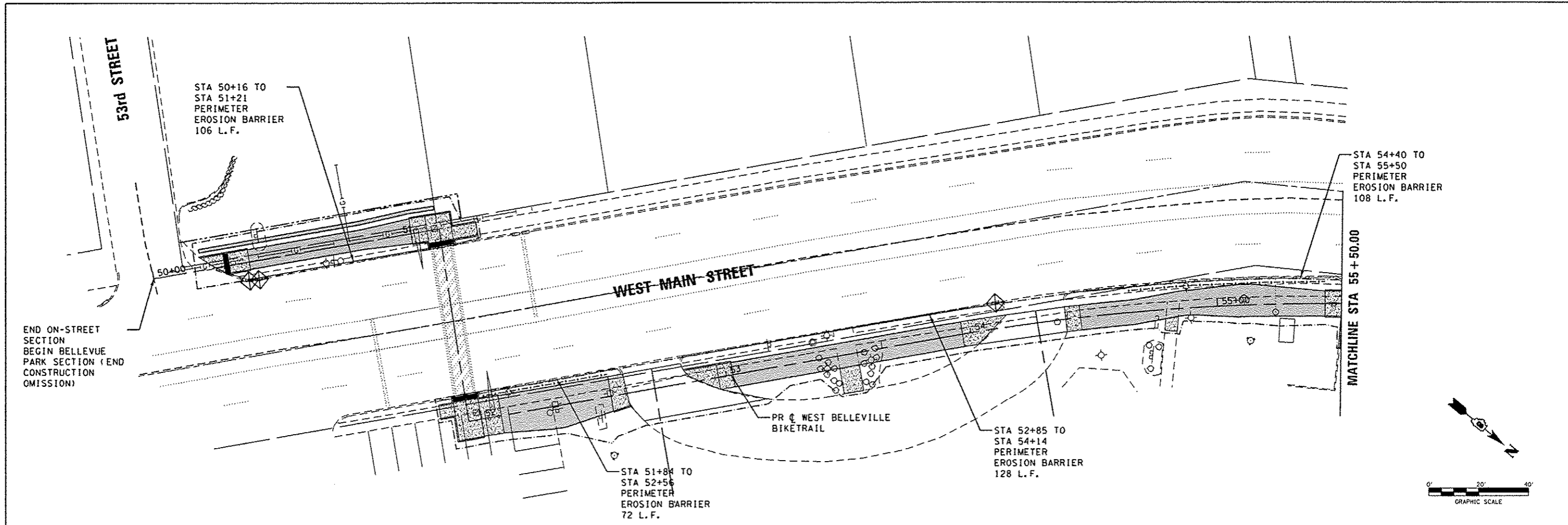
**THOUVENOT,
WADE &
MOERCHEN, INC.**
SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.824.4488
Fax: 618.824.6888



CITY OF BELLEVILLE

**EROSION CONTROL PLAN
AT-GRADE SECTION**
 SCALE: 1" = 20' SHEET NO. 5 OF 10 SHEETS STA. 34+00.00 TO STA. 38+71.83

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	38
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



- ◇ TEMPORARY DITCH CHECK
- ◇ INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- ▨ RIPRAP
- ▩ EROSION CONTROL BLANKET

PLOTTED BY: JAW/AM
 PLOT SCALE: 40,0000 1/4" PLT DATE: 1/14/2013 9:53:32 AM
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226
CHECKED - SJK	Tel: 618.624.4488 Fax: 618.624.6088
DATE - 01-2013	SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES

TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.

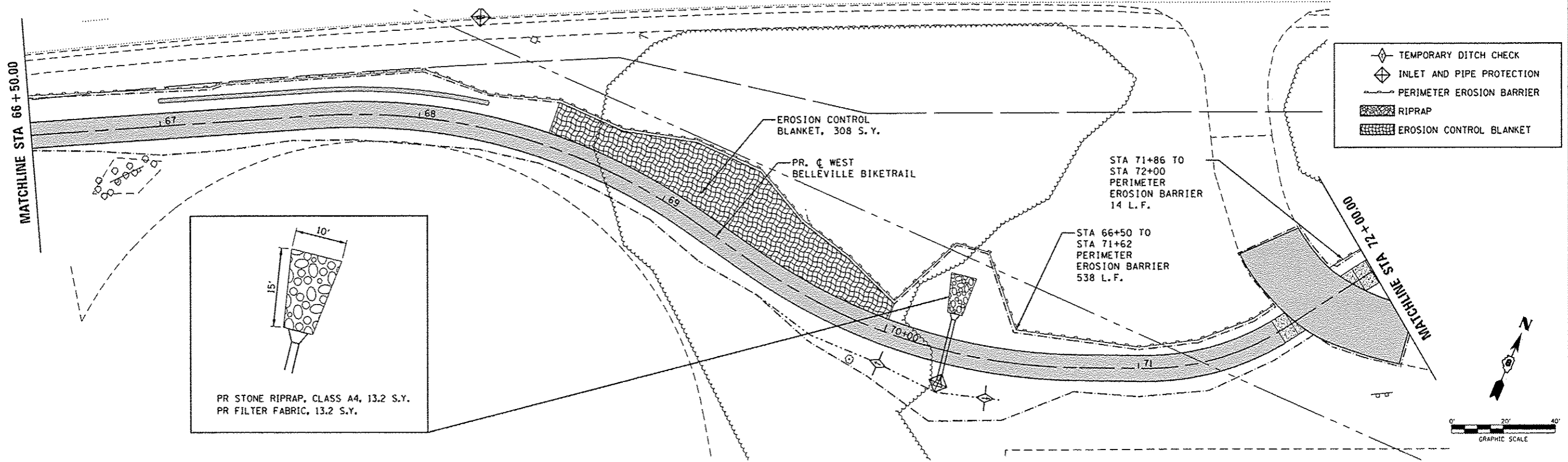
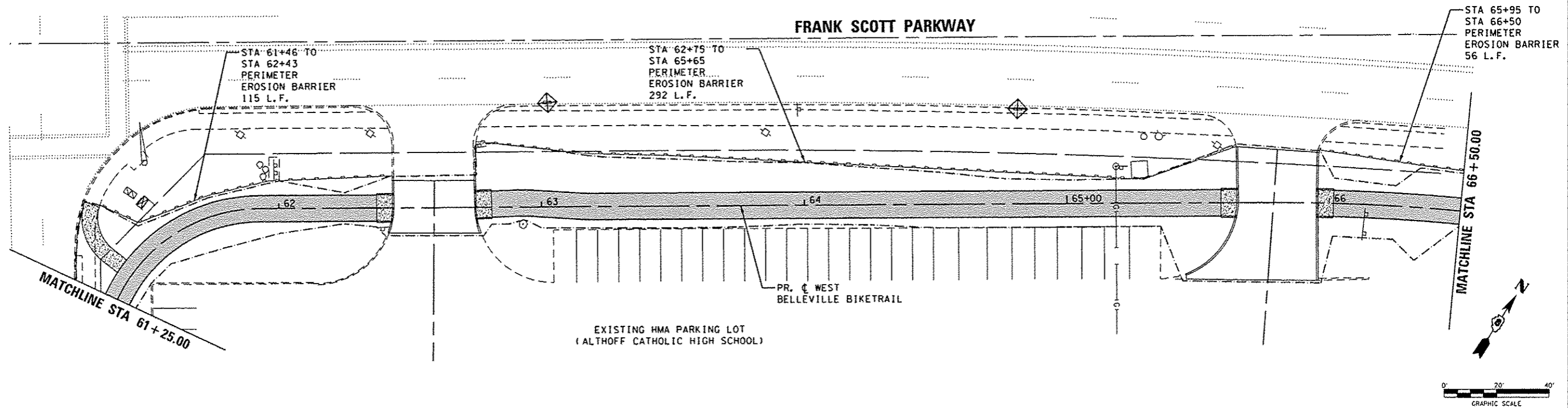


CITY OF BELLEVILLE

**EROSION CONTROL PLAN
BELLEVUE PARK SECTION**

SCALE: 1" = 20' SHEET NO. 6 OF 10 SHEETS STA. 50+00.00 TO STA. 61+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	39
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLOTTED BY: 18166P
 FILE NAME: P:\10168\4-CADD - DWG\4.2-TR\Sheets\10168-ero013-14.dwg
 PLOT SCALE: 40.0000' / 30. PLOT DATE: 1/14/2013 9:53:33 AM

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**
SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
Fax: 618.624.6688

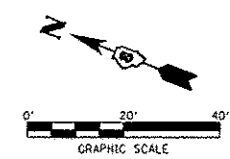
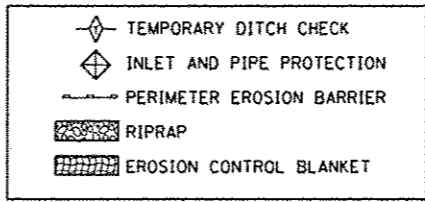
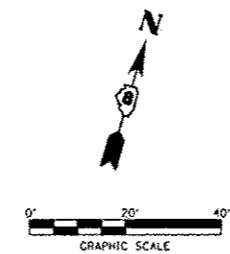
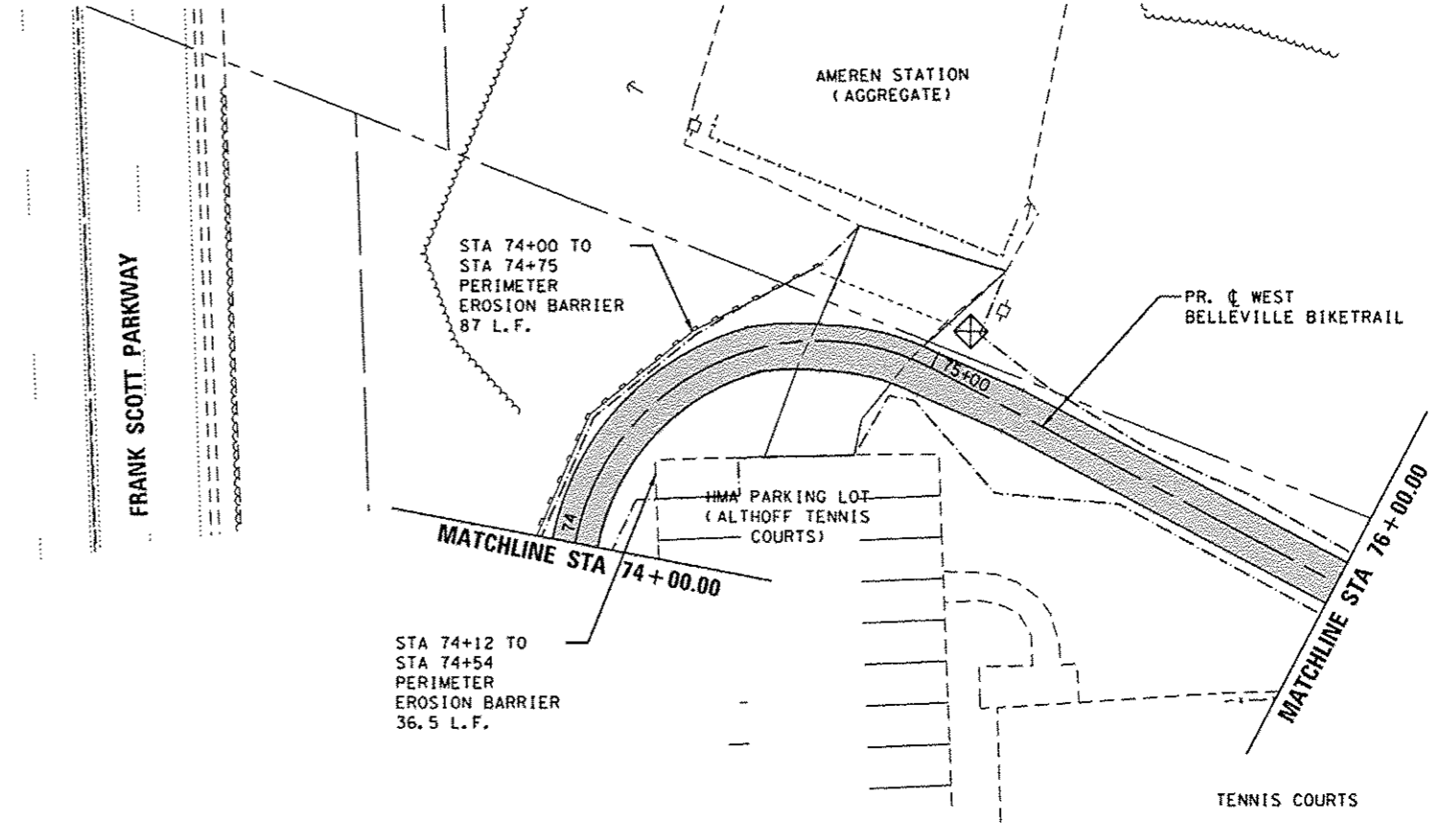
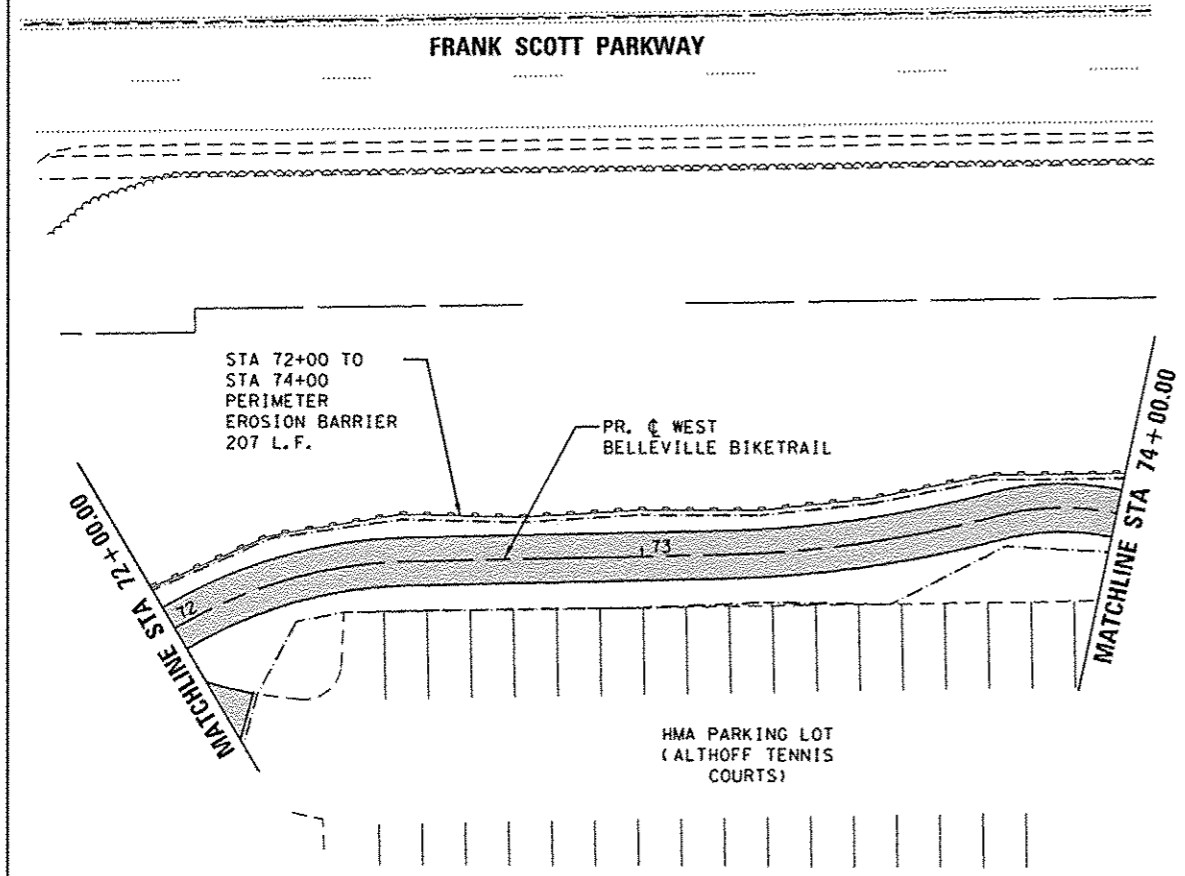


CITY OF BELLEVILLE

**EROSION CONTROL PLAN
BELLEVUE PARK SECTION**
 SCALE: 1" = 20' SHEET NO. 7 OF 10 SHEETS STA. 61+25.00 TO STA. 72+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	40
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

PLOT SCALE: 40.0000 7 / in. PLOT DATE: 7/14/2003 9:53:34 AM
 PLOTTED BY: JSA/ED



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Svensen, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

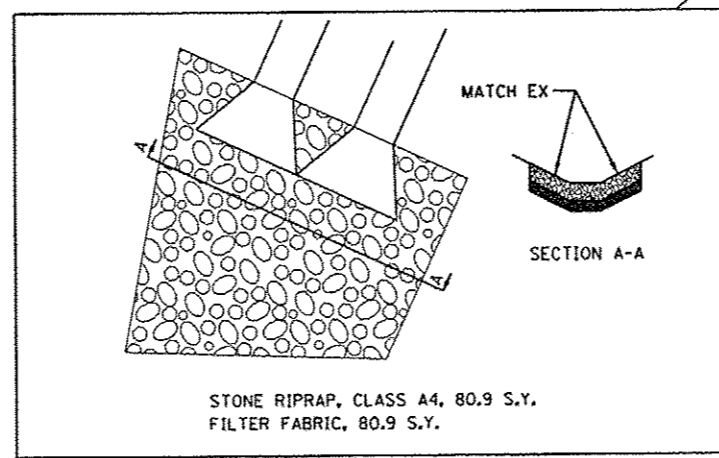
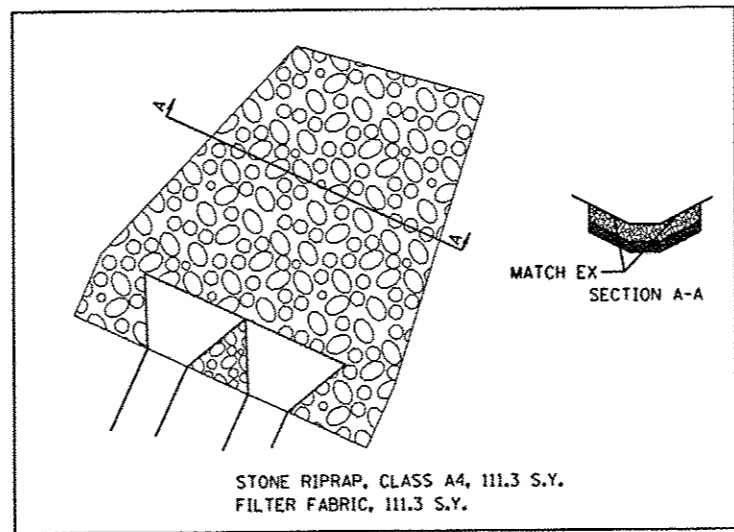
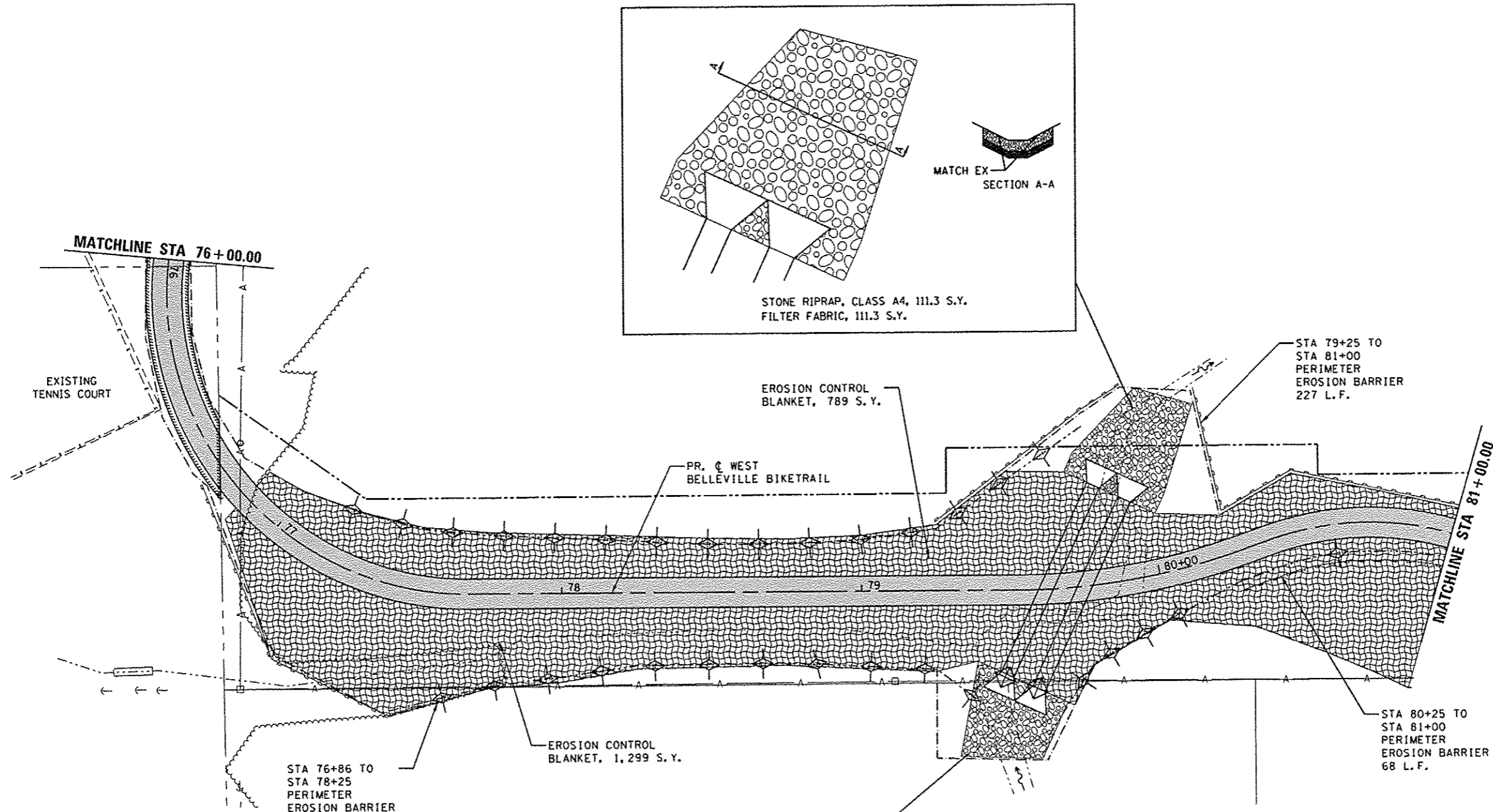
Belleville
I - L - L - I - N - O - I - S

CITY OF BELLEVILLE

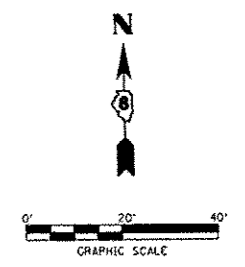
**EROSION CONTROL PLAN
BELLEVUE PARK SECTION**

SCALE: 1" = 20' SHEET NO. 8 OF 10 SHEETS STA. 72+00.00 TO STA. 76+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	41
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIPRAP
- EROSION CONTROL BLANKET



PLOTTED BY: jstefn
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.824.4488 Fax: 618.824.6888
CHECKED - SJK	SWANSEA - WAITE RD + EDWARDS AVE + ST. LOUIS - ST. CHARLES
DATE - 01-2013	

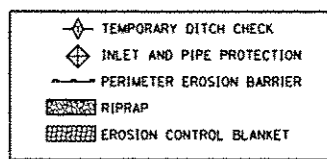
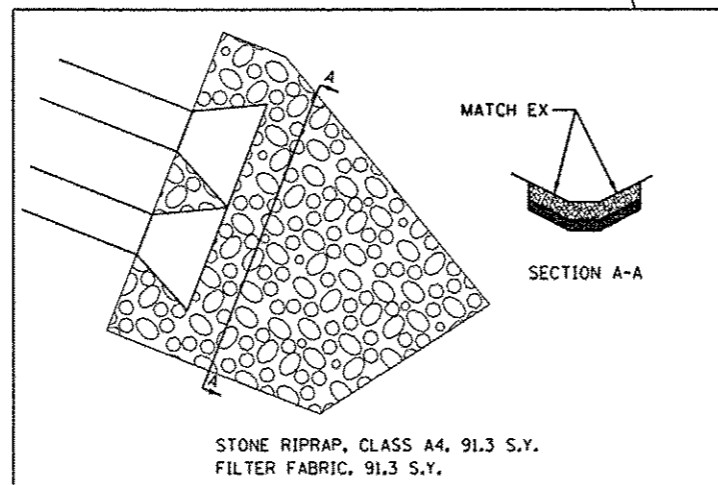
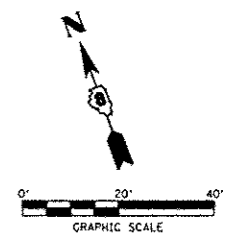
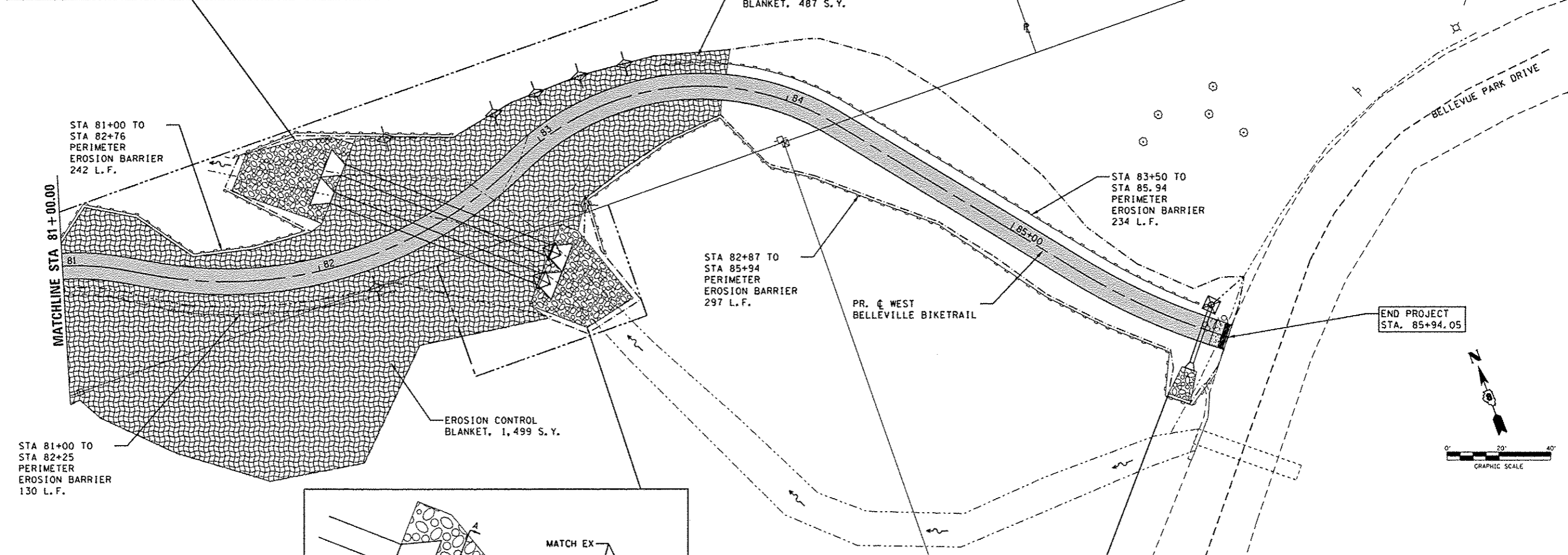
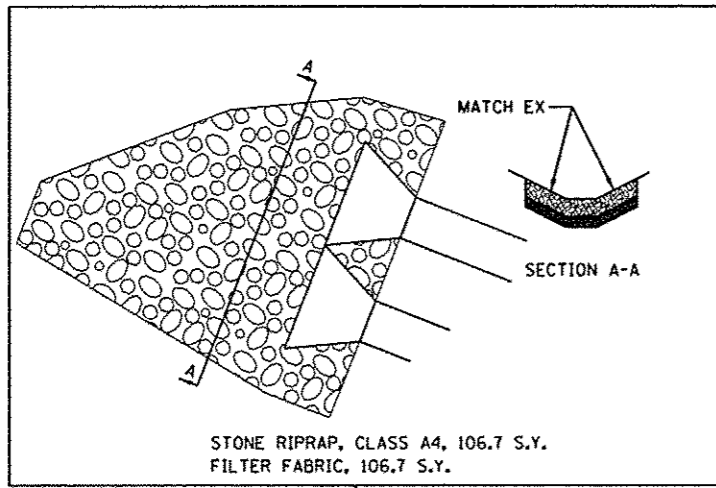
TWM
 EXCEPTIONAL SERVICE. NOTHING LESS.

BELLEVILLE
 I - L - L - I - N - O - I - S

CITY OF BELLEVILLE

EROSION CONTROL PLAN
 BELLEVUE PARK SECTION
 SCALE: 1" = 20' SHEET NO. 9 OF 10 SHEETS STA. 76+00.00 TO STA. 81+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BY	ST. CLAIR	129	42
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

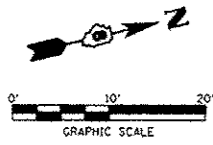


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 PLOT SCALE: 40.0000 / in. PLOT DATE: 1/14/2013 9:53:36 AM
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0998
CHECKED - SJK	TWM EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	<i>Belleville</i> I-L-L-I-N-O-I-S

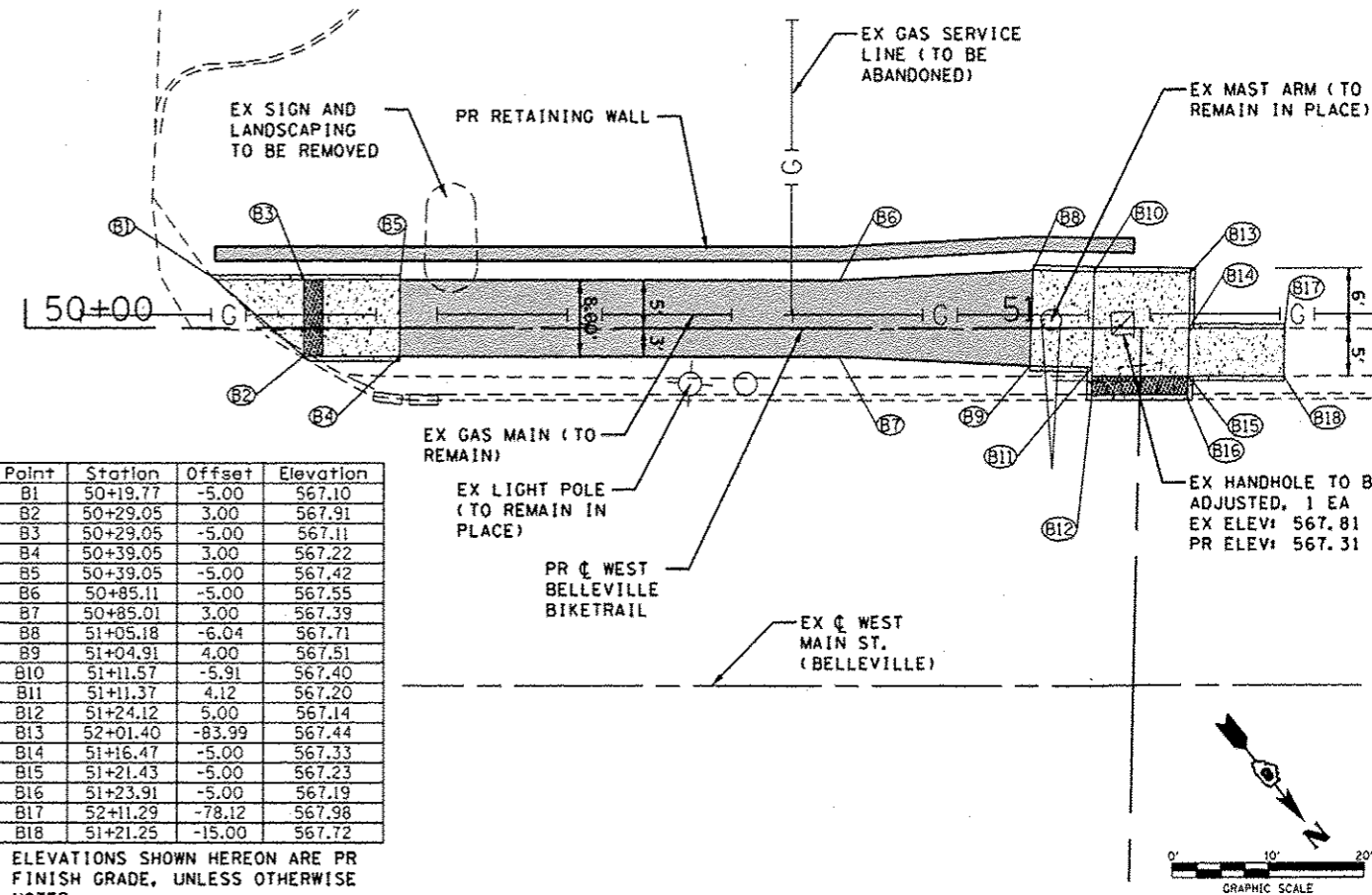
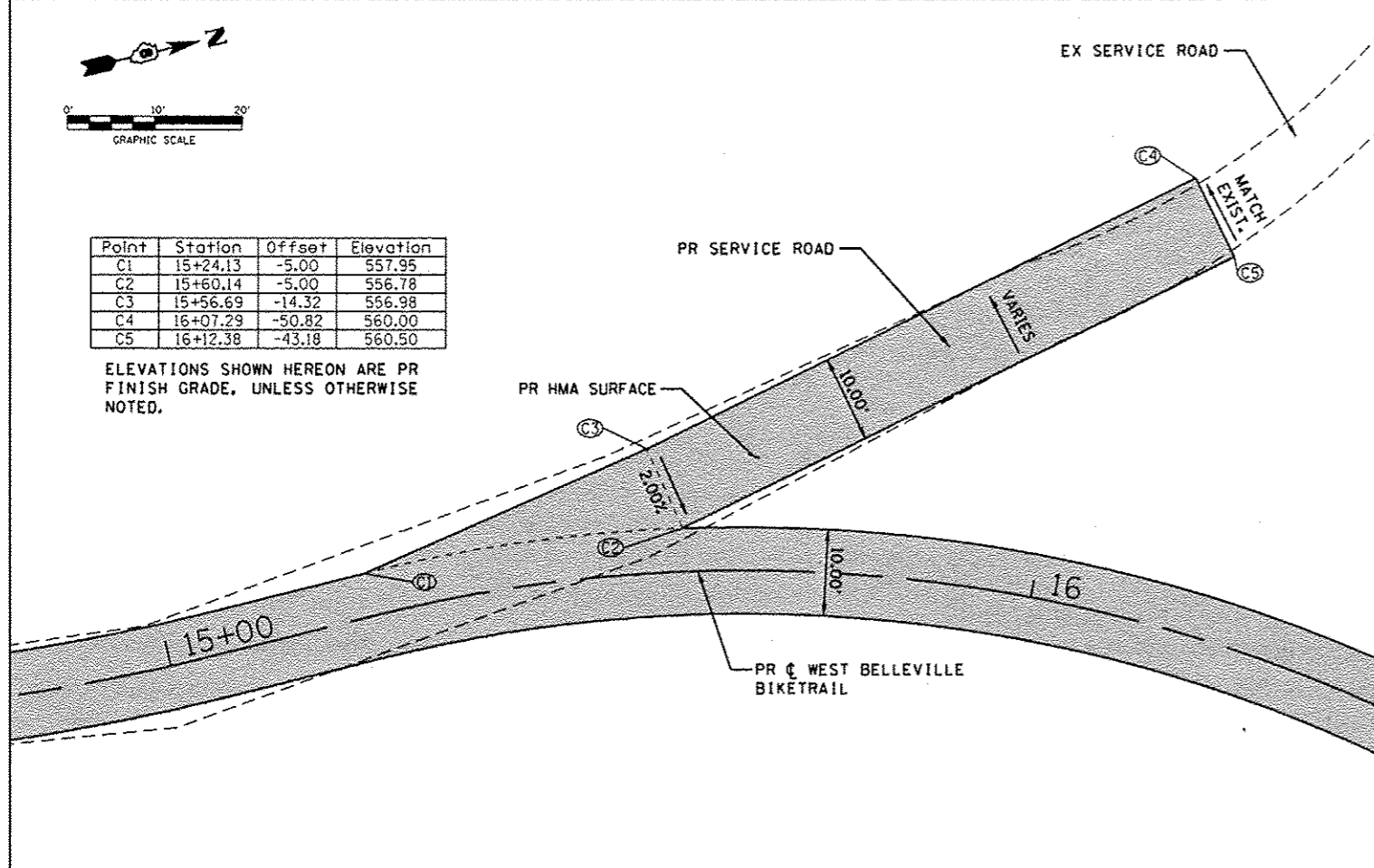
CITY OF BELLEVILLE	
EROSION CONTROL PLAN BELLEVUE PARK SECTION	
SCALE: 1" = 20'	SHEET NO. 10 OF 10 SHEETS
STA. 81+00.00 TO STA. 84+94.05	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	43
CONTRACT NO. 97515			[ILLINOIS] FED. AID PROJECT	



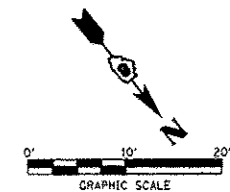
Point	Station	Offset	Elevation
C1	15+24.13	-5.00	557.95
C2	15+60.14	-5.00	556.78
C3	15+56.69	-14.32	556.98
C4	16+07.29	-50.82	560.00
C5	16+12.38	-43.18	560.50

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.



Point	Station	Offset	Elevation
B1	50+19.77	-5.00	567.10
B2	50+29.05	3.00	567.91
B3	50+29.05	-5.00	567.11
B4	50+39.05	3.00	567.22
B5	50+39.05	-5.00	567.42
B6	50+85.11	-5.00	567.55
B7	50+85.01	3.00	567.39
B8	51+05.18	-6.04	567.71
B9	51+04.91	4.00	567.51
B10	51+11.57	-5.91	567.40
B11	51+11.37	4.12	567.20
B12	51+24.12	5.00	567.14
B13	52+01.40	-83.99	567.44
B14	51+16.47	-5.00	567.33
B15	51+21.43	-5.00	567.23
B16	51+23.91	-5.00	567.19
B17	52+11.29	-78.12	567.98
B18	51+21.25	-15.00	567.72

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.



Point	Station	Offset	Elevation
NB1	26+49.43	-21.80	575.69
NB2	26+50.55	-13.74	575.95
NB3	26+49.82	-5.00	576.02
NB4	26+45.09	5.00	576.07
NB5	26+45.72	-5.00	576.14
NB6	26+34.41	4.99	576.24
NB7	26+27.09	4.99	576.52
NB8	26+22.09	4.98	576.52
NB9	26+14.19	4.98	576.53
NB10	26+14.19	8.02	576.55
NB11	26+11.21	11.90	576.57
NB12	26+40.26	-5.25	576.24
NB13	26+34.41	0.00	576.34
NB14	26+27.09	-0.01	576.52
NB15	26+22.09	-0.02	576.52
NB16	26+14.19	0.00	576.43
NB17	26+10.39	5.00	576.46
NB18	26+07.37	8.98	576.58
NB19	26+37.36	-7.44	576.09
NB20	26+27.09	-7.00	576.42
NB21	26+22.09	-7.00	576.42
NB22	26+09.19	-5.00	576.31
NB23	26+09.19	0.00	576.36
NB24	26+09.19	5.00	576.45

NOTES:

SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

EXISTING MANHOLE TO REMAIN IN PLACE. PROPOSED SIDEWALK TO BE CONSTRUCTED FLUSH WITH TOP OF MANHOLE LID.

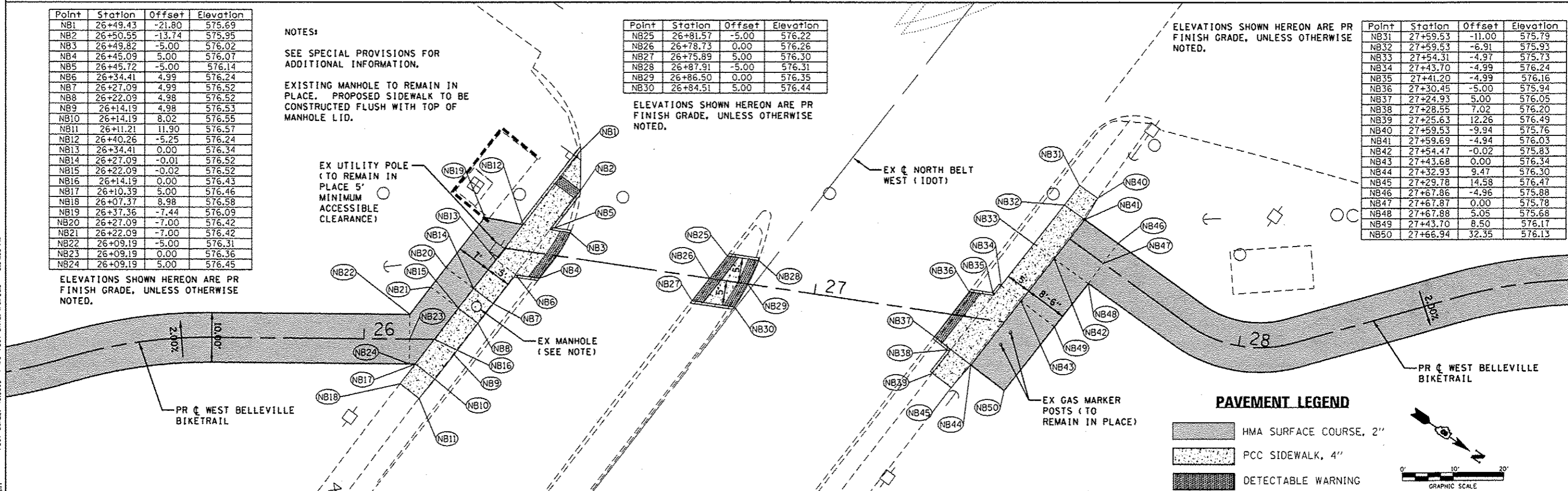
Point	Station	Offset	Elevation
NB25	26+81.57	-5.00	576.22
NB26	26+78.73	0.00	576.26
NB27	26+75.89	5.00	576.30
NB28	26+87.91	-5.00	576.31
NB29	26+86.50	0.00	576.35
NB30	26+84.51	5.00	576.44

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.

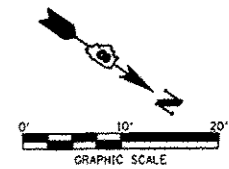
Point	Station	Offset	Elevation
NB31	27+59.53	-11.00	575.79
NB32	27+59.53	-6.91	575.93
NB33	27+54.31	-4.97	575.73
NB34	27+43.70	-4.99	576.24
NB35	27+41.20	-4.99	576.16
NB36	27+30.45	-5.00	575.94
NB37	27+24.93	5.00	576.05
NB38	27+28.55	7.02	576.20
NB39	27+25.63	12.26	576.49
NB40	27+59.53	-9.94	575.76
NB41	27+59.69	-4.94	576.03
NB42	27+54.47	-0.02	575.83
NB43	27+43.68	0.00	576.34
NB44	27+32.93	9.47	576.30
NB45	27+29.78	14.58	576.47
NB46	27+67.86	-4.96	575.88
NB47	27+67.87	0.00	575.78
NB48	27+67.88	5.05	575.68
NB49	27+43.70	8.50	576.17
NB50	27+66.94	32.35	576.13

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.



PAVEMENT LEGEND

- HMA SURFACE COURSE, 2"
- PCC SIDEWALK, 4"
- DETECTABLE WARNING



PLOT SCALE: 40,0000 - 1/8" = 10' PLOT DATE: 1/31/2003 2:34:08 PM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road, Swansea, Illinois 62226
CHECKED - SJK	Tel: 618.624.4488
DATE - 01-2013	Fax: 618.624.6988

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

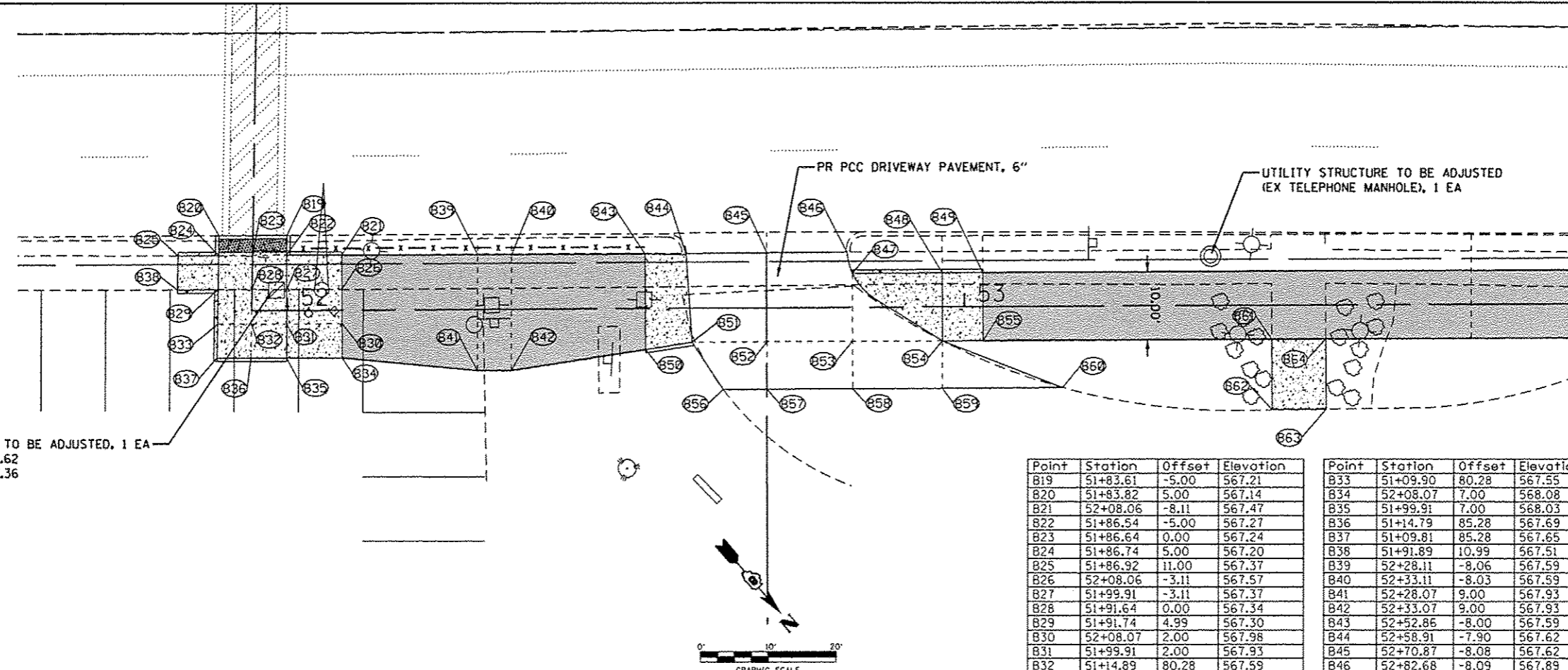
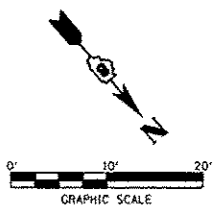
Belleville
ILLINOIS

CITY OF BELLEVILLE

GEOMETRIC DETAILS

SCALE: 1" = 10' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	44
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



EX HANDHOLE TO BE ADJUSTED, 1 EA
EX ELEV: 567.62
PR ELEV: 567.36

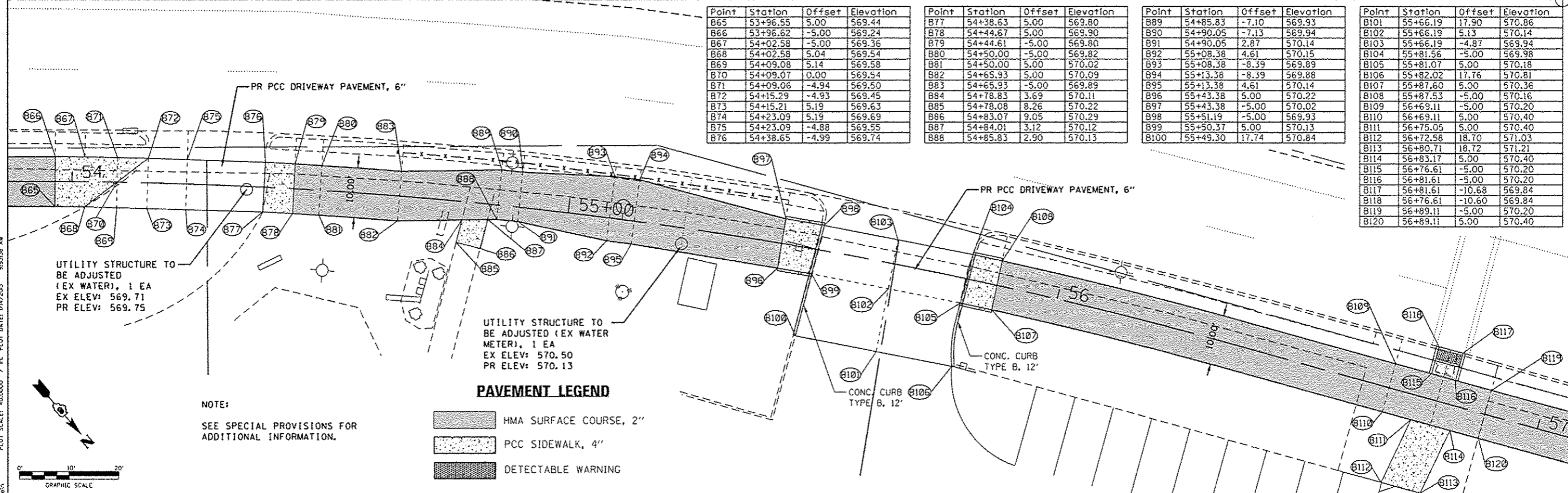
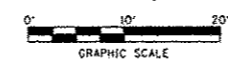
UTILITY STRUCTURE TO BE ADJUSTED
(EX TELEPHONE MANHOLE), 1 EA

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.

Point	Station	Offset	Elevation
B19	51+83.61	-5.00	567.21
B20	51+83.82	5.00	567.14
B21	52+08.06	-8.11	567.47
B22	51+86.54	-5.00	567.27
B23	51+86.64	0.00	567.24
B24	51+86.74	5.00	567.20
B25	51+86.92	11.00	567.37
B26	52+08.06	-3.11	567.57
B27	51+99.91	-3.11	567.37
B28	51+91.64	0.00	567.34
B29	51+91.74	4.99	567.30
B30	52+08.07	2.00	567.98
B31	51+99.91	2.00	567.93
B32	51+14.89	80.28	567.59

Point	Station	Offset	Elevation
B33	51+09.90	80.28	567.55
B34	52+08.07	7.00	568.08
B35	51+99.91	7.00	568.03
B36	51+14.79	85.28	567.69
B37	51+09.81	85.28	567.65
B38	51+91.89	10.99	567.51
B39	52+28.11	-8.06	567.59
B40	52+33.11	-8.03	567.59
B41	52+28.07	9.00	567.93
B42	52+33.07	9.00	567.93
B43	52+52.86	-8.00	567.59
B44	52+58.91	-7.90	567.62
B45	52+70.87	-8.08	567.62
B46	52+82.68	-8.09	567.89

Point	Station	Offset	Elevation
B47	52+83.48	-5.00	567.95
B48	52+96.74	-5.00	568.01
B49	53+02.74	-5.00	568.03
B50	52+52.86	6.03	567.86
B51	52+59.73	5.00	567.88
B52	52+70.87	5.00	567.88
B53	52+83.48	5.00	568.15
B54	52+96.74	5.00	568.21
B55	53+02.74	5.00	568.23
B56	52+64.36	12.00	568.27
B57	52+70.87	12.00	568.24
B58	52+83.48	12.00	568.40
B59	52+96.74	12.00	568.59
B60	53+14.56	12.00	568.82
B61	53+45.51	5.00	568.72
B62	53+45.51	15.41	569.16
B63	53+53.51	15.41	569.22
B64	53+53.51	5.00	568.78



Point	Station	Offset	Elevation
B65	53+96.55	5.00	569.44
B66	53+96.62	-5.00	569.24
B67	54+02.58	-5.00	569.36
B68	54+02.58	5.04	569.54
B69	54+09.08	5.14	569.58
B70	54+09.07	0.00	569.54
B71	54+09.06	-4.94	569.50
B72	54+15.29	-4.93	569.45
B73	54+15.21	5.19	569.63
B74	54+23.09	5.19	569.69
B75	54+23.09	-4.88	569.55
B76	54+38.65	-4.99	569.74

Point	Station	Offset	Elevation
B77	54+38.63	5.00	569.80
B78	54+44.67	5.00	569.90
B79	54+44.61	-5.00	569.80
B80	54+50.00	-5.00	569.82
B81	54+50.00	5.00	570.02
B82	54+65.93	5.00	570.09
B83	54+65.93	-5.00	569.89
B84	54+78.83	3.69	570.11
B85	54+78.08	8.26	570.22
B86	54+83.07	9.05	570.29
B87	54+84.01	3.12	570.12
B88	54+85.83	2.90	570.13

Point	Station	Offset	Elevation
B89	54+85.83	-7.10	569.93
B90	54+90.05	-7.13	569.94
B91	54+90.05	2.87	570.14
B92	55+08.38	4.61	570.15
B93	55+08.38	-8.39	569.89
B94	55+13.38	-8.39	569.88
B95	55+13.38	4.61	570.14
B96	55+43.38	5.00	570.22
B97	55+43.38	-5.00	570.02
B98	55+51.19	-5.00	569.93
B99	55+50.37	5.00	570.13
B100	55+49.30	17.74	570.84

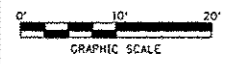
Point	Station	Offset	Elevation
B101	55+66.19	17.90	570.86
B102	55+66.19	5.13	570.14
B103	55+66.19	-4.87	569.94
B104	55+81.56	-5.00	569.98
B105	55+81.07	5.00	570.18
B106	55+82.02	17.76	570.81
B107	55+87.60	5.00	570.36
B108	55+87.53	-5.00	570.16
B109	56+69.11	-5.00	570.20
B110	56+69.11	5.00	570.40
B111	56+75.05	5.00	570.40
B112	56+72.58	18.70	571.03
B113	56+80.71	18.72	571.21
B114	56+83.17	5.00	570.40
B115	56+76.61	-5.00	570.20
B116	56+81.61	-5.00	570.20
B117	56+81.61	-10.68	569.84
B118	56+76.61	-10.60	569.84
B119	56+89.11	-5.00	570.20
B120	56+89.11	5.00	570.40

PAVEMENT LEGEND

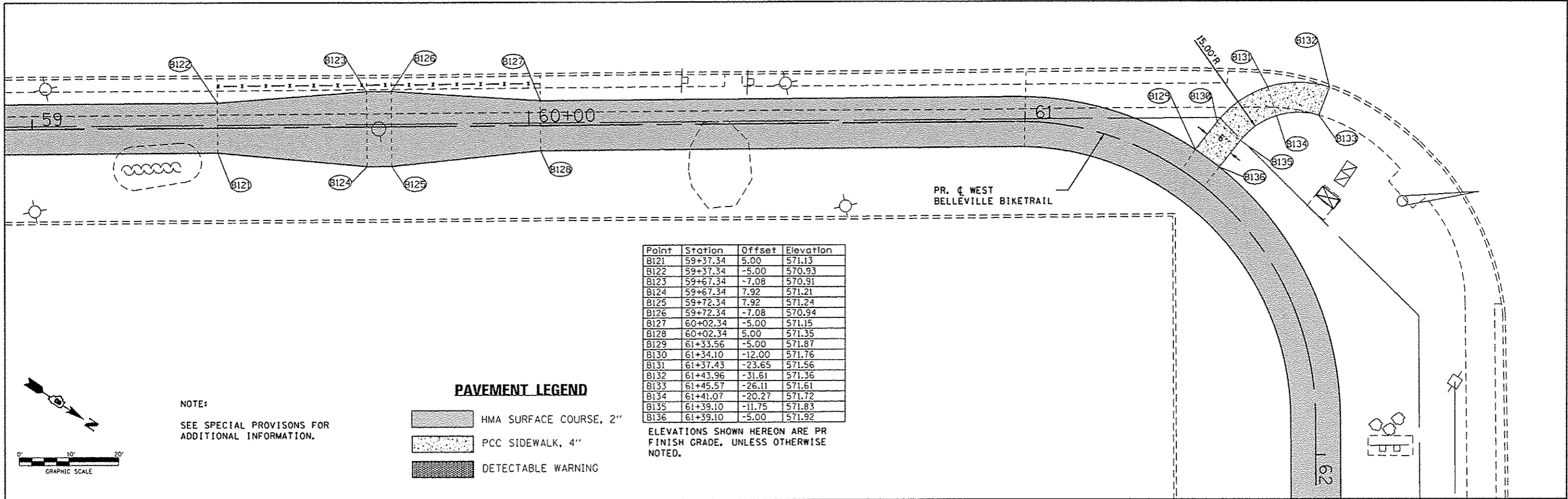
- HMA SURFACE COURSE, 2"
- PCC SIDEWALK, 4"
- DETECTABLE WARNING

NOTE:
SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

PLOT DATE: 1/14/2013 9:53:38 AM



REVISIONS: REVISION - REVISION - REVISION - REVISION -	DESIGNED - JWS/KMO DRAWN - JWS/KMO CHECKED - SJK DATE - 01-2013	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansboro, Illinois 62226 Tel: 618.824.4488 Fax: 618.624.0688</small> <small>SWANSEA WATER TOWER - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>	 EXCEPTIONAL SERVICE. NOTHING LESS.	 BELLEVILLE ILLINOIS	CITY OF BELLEVILLE GEOMETRIC DETAILS	SCALE: 1" = 10' SHEET NO. 2 OF 4 SHEETS STA. TO STA.	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10-00215-00-BT ST. CLAIR 129 45 CONTRACT NO. 97515 <small>ILLINOIS FED. AID PROJECT</small>
--	--	--	---	----------------------------	---	--	--



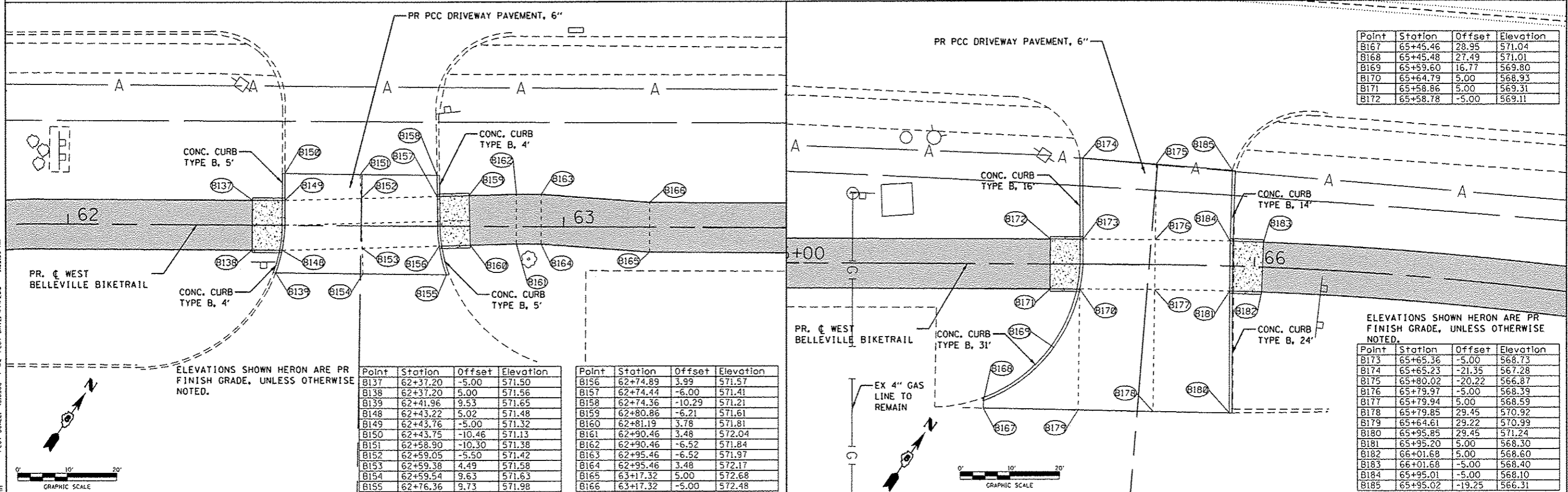
NOTE:

SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

PAVEMENT LEGEND

- HMA SURFACE COURSE, 2"
- PCC SIDEWALK, 4"
- DETECTABLE WARNING

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.



ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.

ELEVATIONS SHOWN HEREON ARE PR FINISH GRADE, UNLESS OTHERWISE NOTED.

Point	Station	Offset	Elevation
B167	65+45.46	28.95	571.04
B168	65+45.48	27.49	571.01
B169	65+59.60	16.77	569.80
B170	65+64.79	5.00	568.93
B171	65+58.86	5.00	569.31
B172	65+58.78	-5.00	569.11

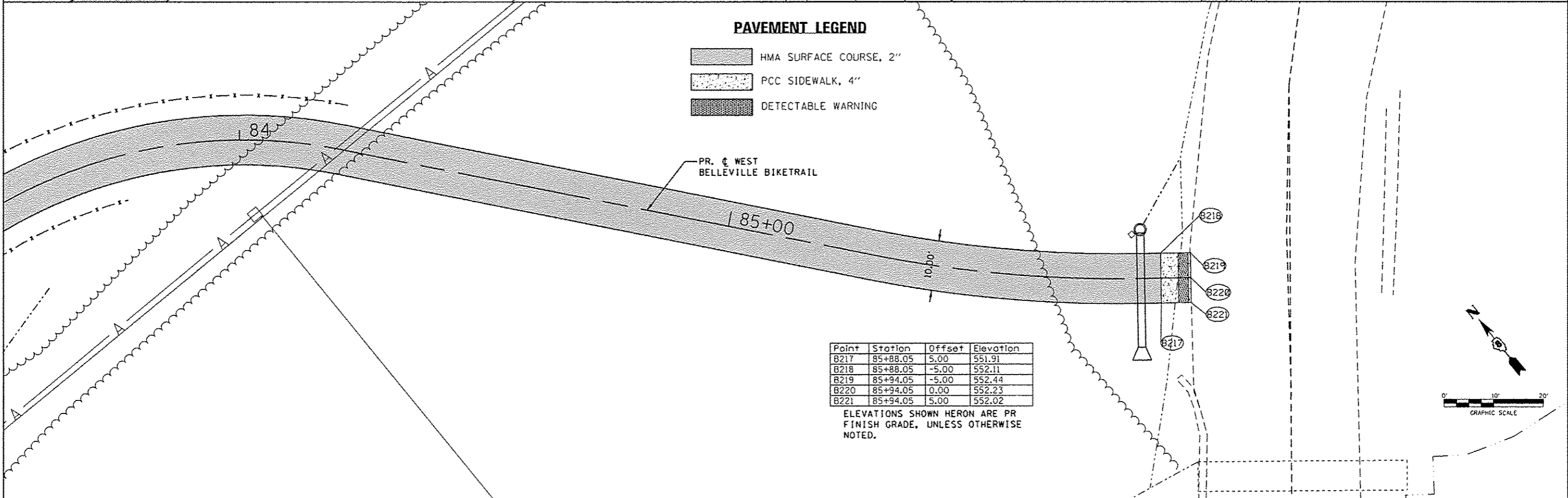
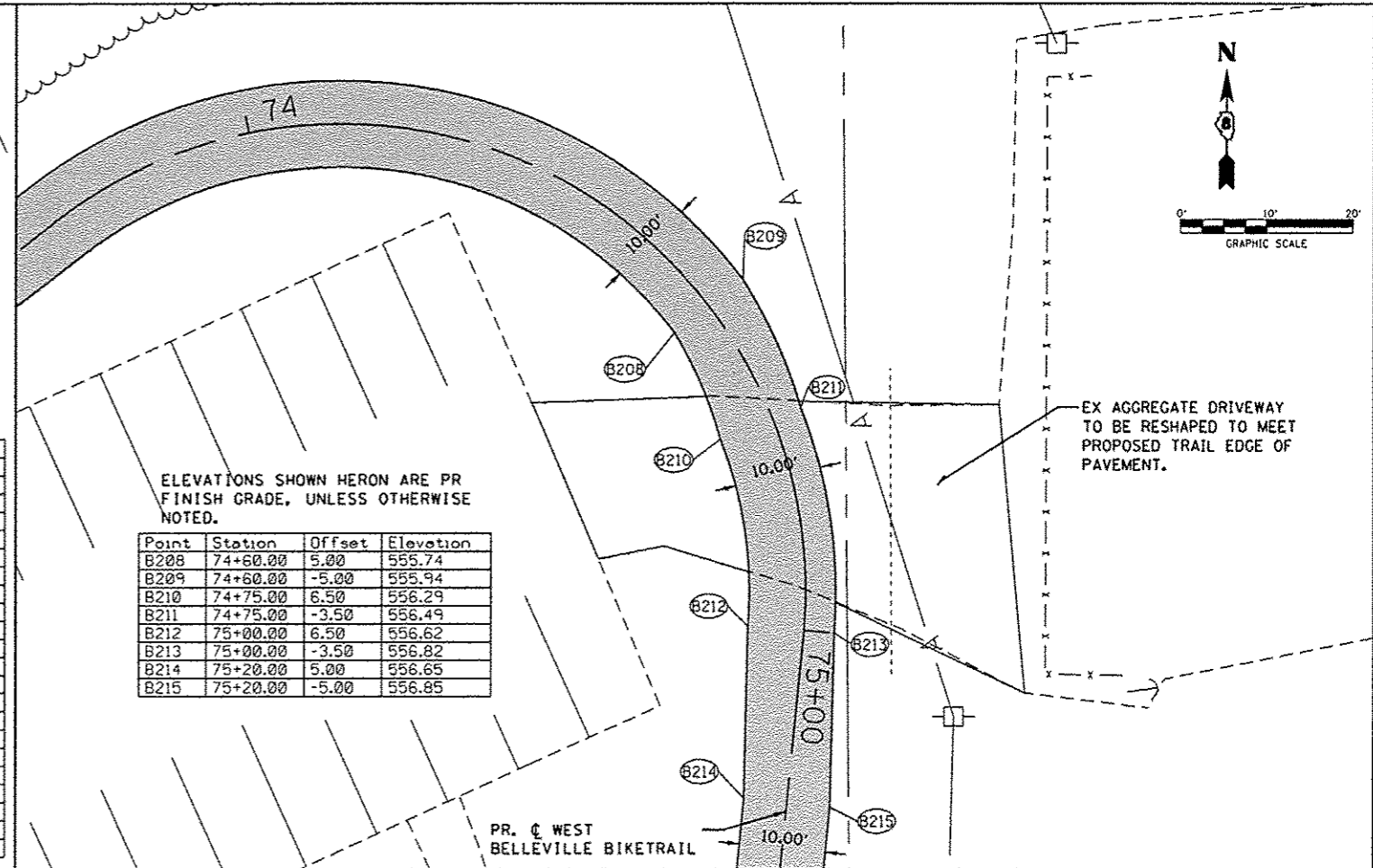
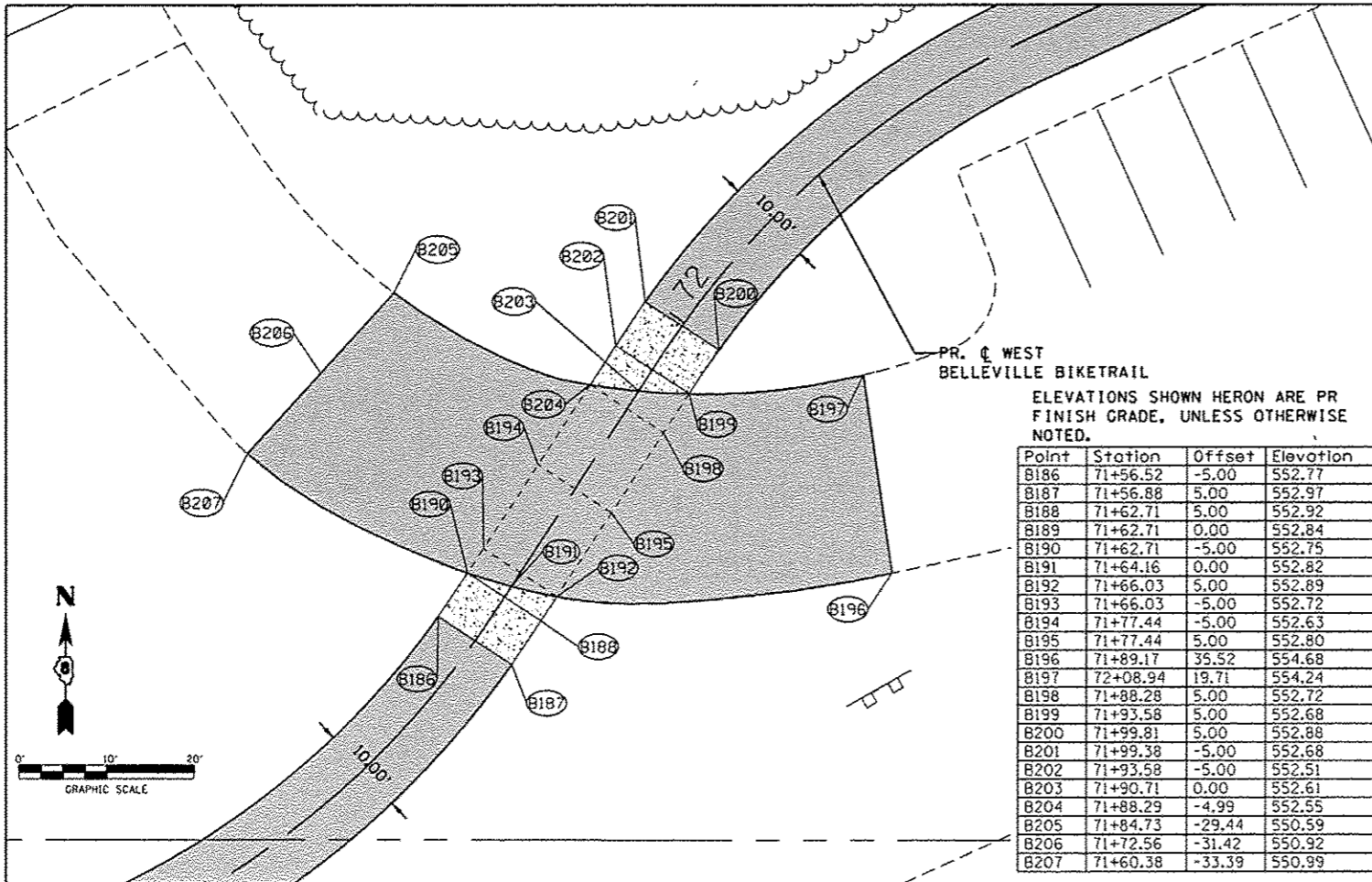
Point	Station	Offset	Elevation
B173	65+65.36	-5.00	568.73
B174	65+65.23	-21.35	567.28
B175	65+80.02	-20.22	566.87
B176	65+79.97	-5.00	568.39
B177	65+79.94	5.00	568.59
B178	65+79.85	29.45	570.92
B179	65+64.61	29.22	570.99
B180	65+95.85	29.45	571.24
B181	65+95.20	5.00	568.30
B182	66+01.68	5.00	568.60
B183	66+01.68	-5.00	568.40
B184	65+95.01	-5.00	568.10
B185	65+95.02	-19.25	566.31

PLOTTED BY: JSM/EN
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 SCALE: 1" = 10'
 DATE: 01-2013
 PLOT DATE: 1/14/2013 9:52:39 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swarano, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	TWM EXCEPTIONAL SERVICE, NOTHING LESS.
DATE - 01-2013	<i>Belleville</i> I - L L - I - N - O - I - S

CITY OF BELLEVILLE	GEOMETRIC DETAILS
SCALE: 1" = 10'	SHEET NO. 3 OF 4 SHEETS
STA. TO STA.	ILLINOIS FED. AID PROJECT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	46
CONTRACT NO. 97515				



PAVEMENT LEGEND

- HMA SURFACE COURSE, 2"
- PCC SIDEWALK, 4"
- DETECTABLE WARNING

PLOT SCALE: 40,0000 / in. PLOT DATE: 1/14/2013 9:53:40 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0688
CHECKED - SJK	SWANSEA ROAD - 100' WIDE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE.
NOTHING LEGS.

Belleville
I - L - L - I - N - O - I - S

CITY OF BELLEVILLE

GEOMETRIC DETAILS

SCALE: 1" = 10' SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	47
CONTRACT NO. 97515				
[ILLINOIS] FED. AID PROJECT				

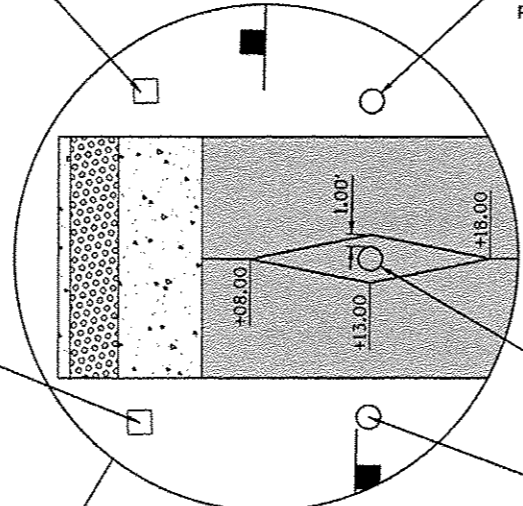
EX GATE POSTS TO BE RELOCATED TO STA. 16+20

STA 10+13.00, 6.50' LT PR BOLLARD

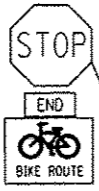
EX GATE POSTS TO BE RELOCATED TO STA. 16+20

STA 10+13.00, 0.06' LT PR FOLD DOWN BOLLARD

STA 10+13.00, 6.50' RT PR BOLLARD



INSET



RI-1 (18" X 18")
M4-6 (12" X 6")
D11-1 (24" X 18")

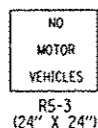
BEGIN PROJECT STA. 10+00.00



W3-1 (18" X 18")



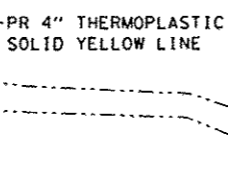
W11-15 (30" X 30")



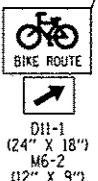
RS-3 (24" X 24")



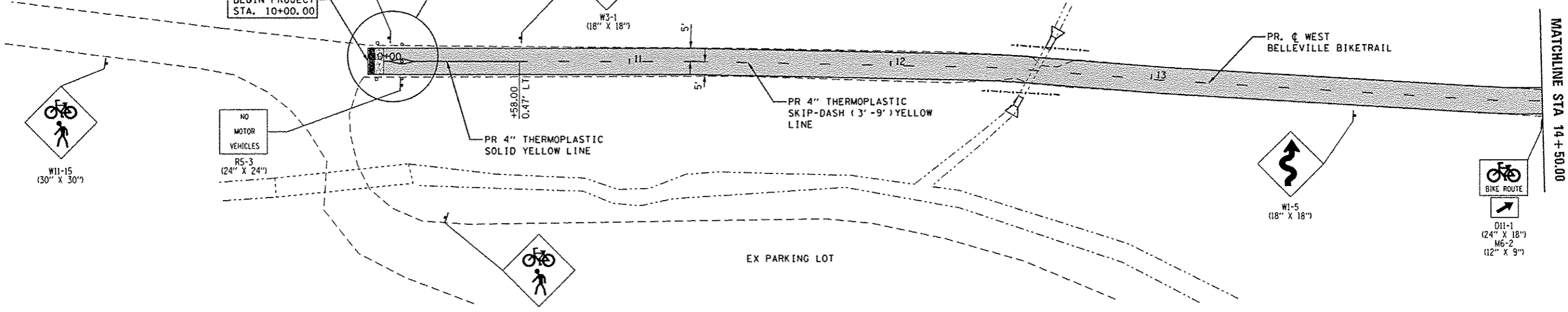
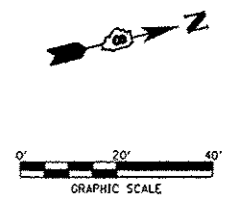
W11-15 (30" X 30")



W1-5 (18" X 18")



D11-1 (24" X 18")
M6-2 (12" X 9")



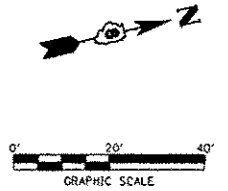
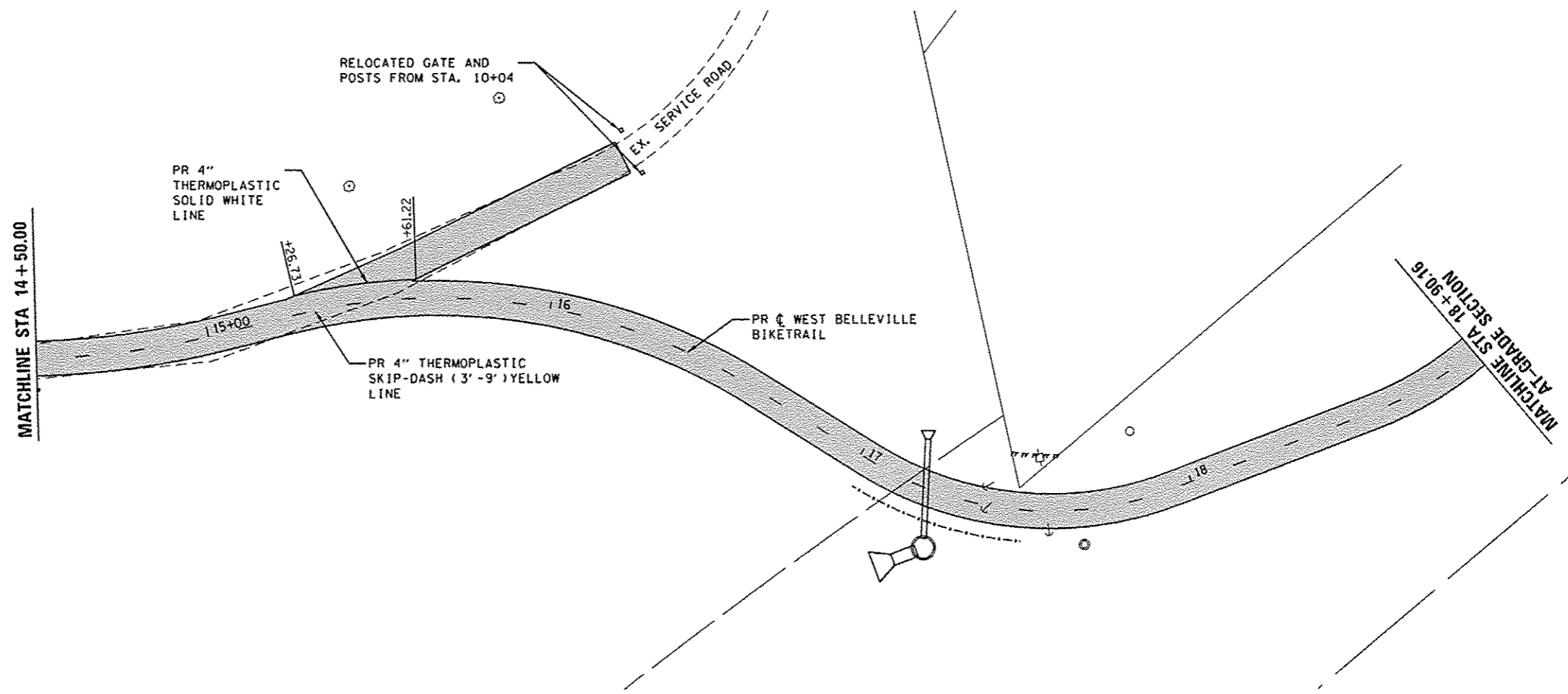
MATCHLINE STA 14+50.00

- NOTE:**
1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.

PLOT SCALE: 40,000 - / IN. PLOT DATE: 1/14/2003 9:53:41 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688	TWM EXCEPTIONAL SERVICE. NOTHING LESS.	Belleville I-L-L-I-N-O-I-S	CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN CITIZENS PARK SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISOR -	DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	48	
REVISOR -	CHECKED - SJK						CONTRACT NO. 97515				
REVISOR -	DATE - 01-2013					SCALE: 1" = 20'	SHEET NO. 1 OF 18 SHEETS	STA. 10+00.00 TO STA. 14+50.00	ILLINOIS FED. AID PROJECT		

FILE NAME: P:\MOEBV4-CADD - DWG\4-2-TRV\Sheets\40168-pvmtk1.dgn

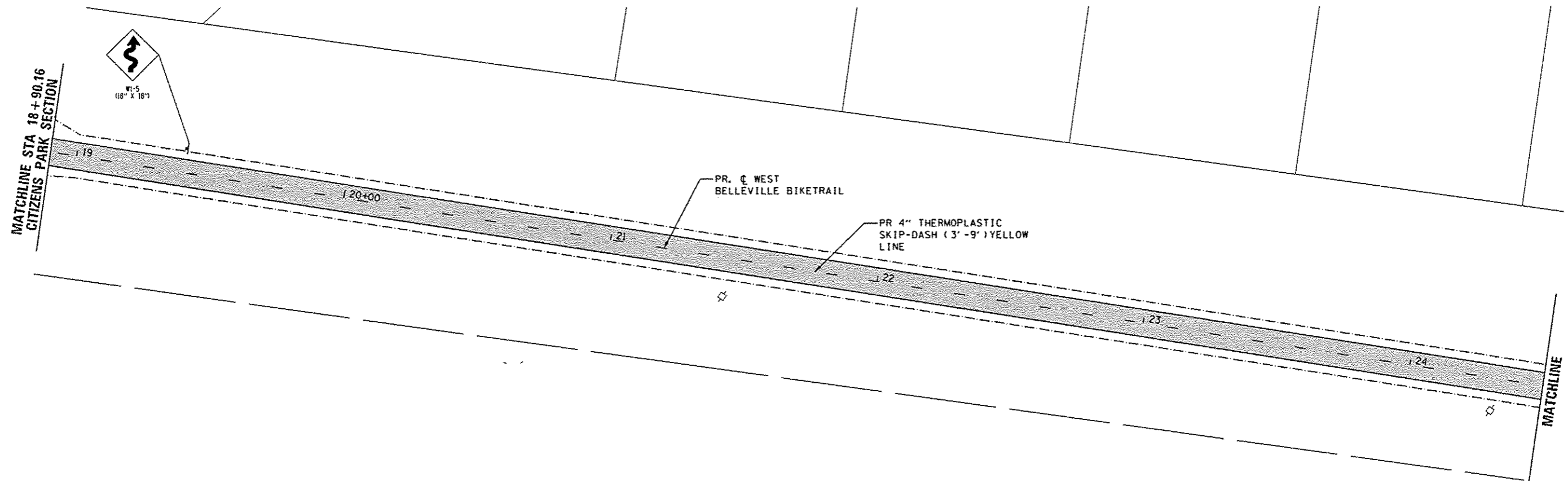


- NOTE:**
1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.

PLOTTED BY: 154807n
 PLOT SCALE: 40,0000 - / IN. PLOT DATE: 1/14/2013 9:53:46AM
 FILE NAME: P:\110168\4-CA00 - DWG\4.2-TR\Sheet\110168-pvm1mk2.dgn

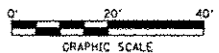
DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.824.4488 Fax: 618.824.6089 <small>SWANSEA, WARREN - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>	 EXCEPTIONAL SERVICE. NOTHING LESS.	 I · L · L · I · N · O · I · S	CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN CITIZENS PARK SECTION	F.A. RTE.	SECTION 10-00215-00-8T	COUNTY ST. CLAIR	TOTAL SHEETS 129	SHEET NO. 49
REVISIONS:	DRAWN - JWS/KMO CHECKED - SJK DATE - 01-2013					SCALE: 1" = 20' SHEET NO. 2 OF 18 SHEETS STA. 14+50.00 TO STA. 18+90.16				CONTRACT NO. 97515 ILLINOIS FED. AID PROJECT	

PLOTTED BY: jshen
 PLOT SCALE: 40,0000 - / in. PLOT DATE: 1/14/2013 9:53:42 AM
 FILE NAME: P:\10068\14-CADD - DWG\4.2-TR\Sheets\10068-pvmtmk3.dgn




NOTE:


1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.824.4488 Fax: 618.624.6888
CHECKED - SJK	ILLINOIS
DATE - 01-2013	



TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.

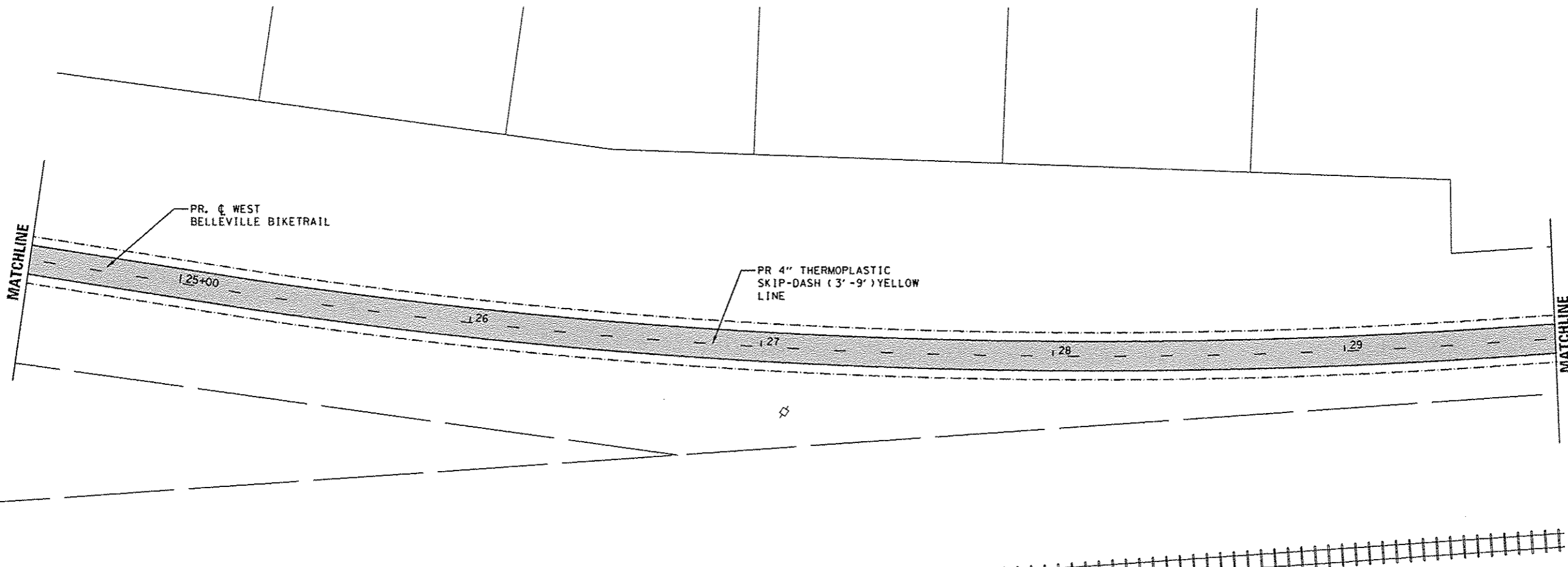


Belleville
I · L · L · I · N · O · I · S

CITY OF BELLEVILLE

PAVEMENT MARKINGS AND SIGNAGE PLAN	
AT-GRADE SECTION	
SCALE: 1" = 20'	SHEET NO. 3 OF 18 SHEETS
STA. 18+90.16	TO STA. 24+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	50
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



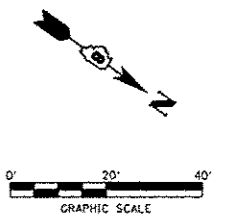
PR. & WEST BELLEVILLE BIKE TRAIL

PR 4" THERMOPLASTIC SKIP-DASH (3' - 9') YELLOW LINE

MATCHLINE

MATCHLINE

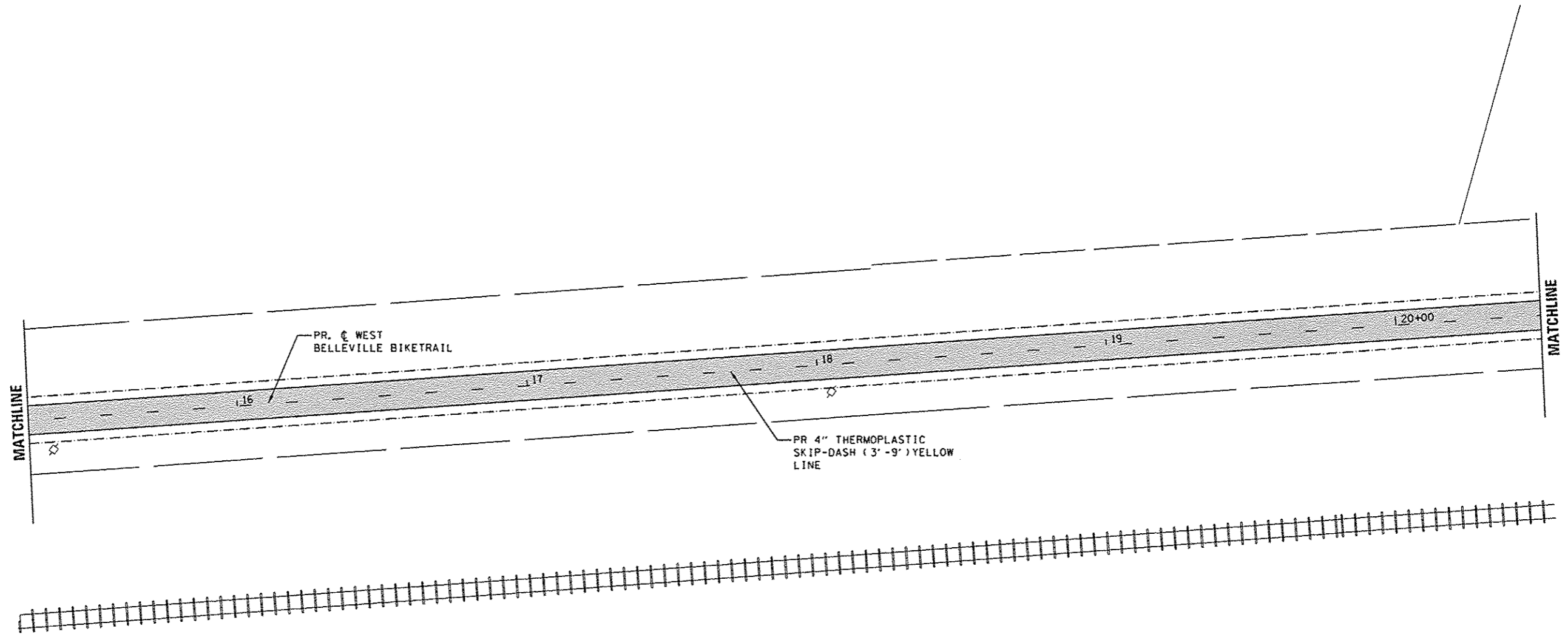
NOTE:
 1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



PLOTTED BY: jstehle
 PLOT SCALE: 40.0000 / 1" = 40.0000 / 1" IN. PLOT DATE: 1/14/2015 9:53:43 AM
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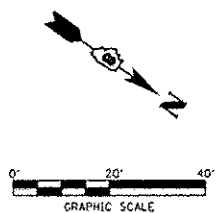
DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 <small>SWANSEA • WASHINGTON • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>			CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN AT-GRADE SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - JWS/KMO						10-00215-00-BT	ST. CLAIR	129	51	
CHECKED - SJK						CONTRACT NO. 97515				
DATE - 01-2013						ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20' SHEET NO. 4 OF 18 SHEETS STA. 24+50.00 TO STA. 29+50.73										

PLOTTED BY: jkshen PLOT SCALE: 40,0000 "/>



NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**

 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6688
 SWANSEA • WASHINGTON • ST. LOUIS • ST. CHARLES

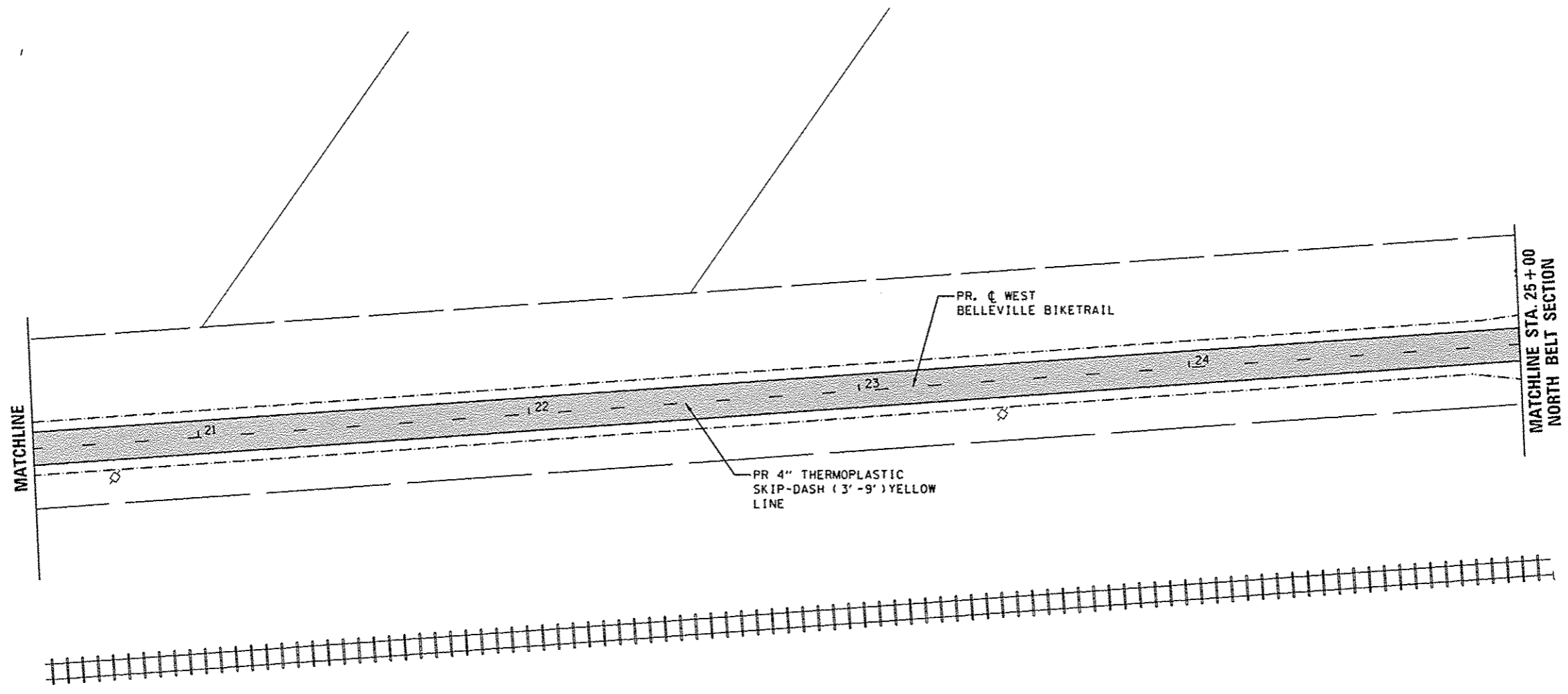


CITY OF BELLEVILLE

**PAVEMENT MARKINGS AND SIGNAGE PLAN
AT-GRADE SECTION**
 SCALE: 1" = 20' SHEET NO. 5 OF 18 SHEETS STA. 15+06.55 TO STA. 20+50.00

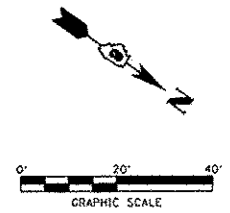
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	52
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

PLOTTED BY: jksein
 PLOT SCALE: 40,0000 / in. PLOT DATE: 1/14/2013 8:53:44 AM
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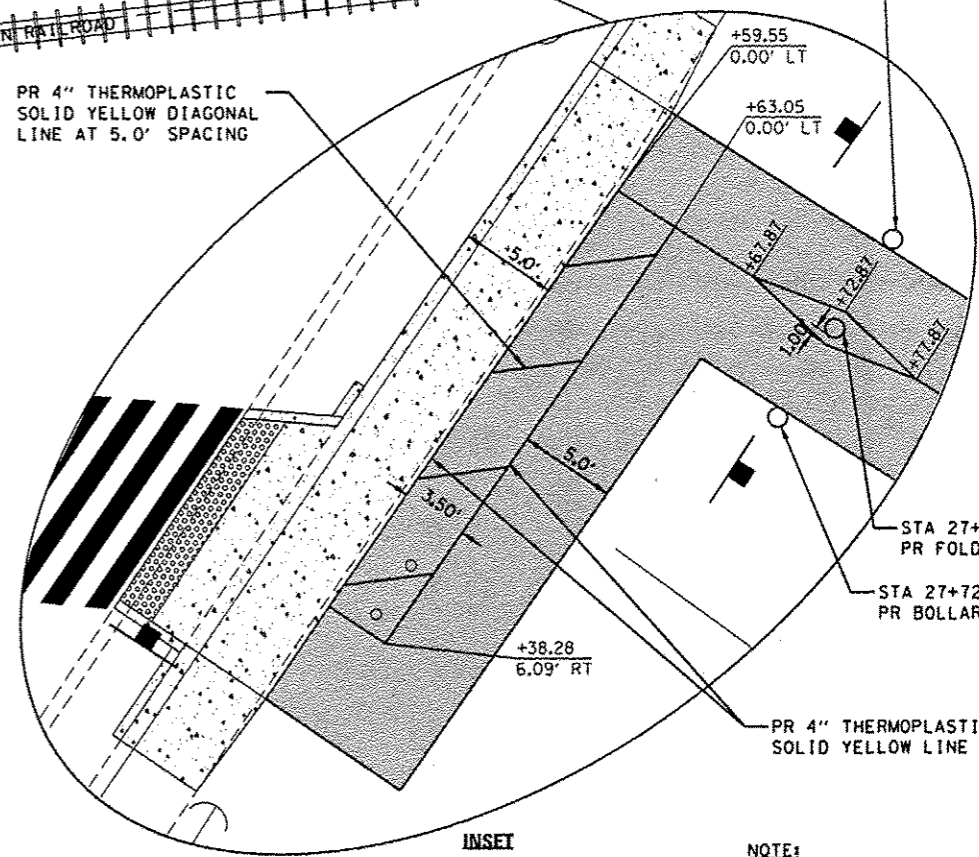
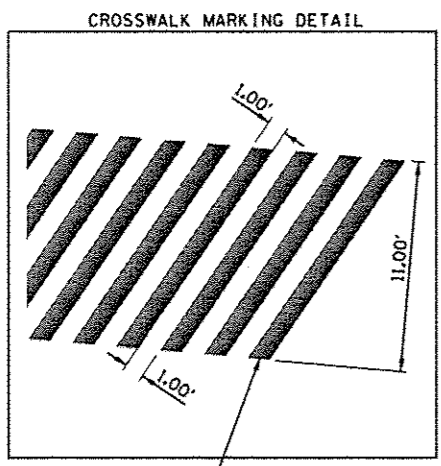
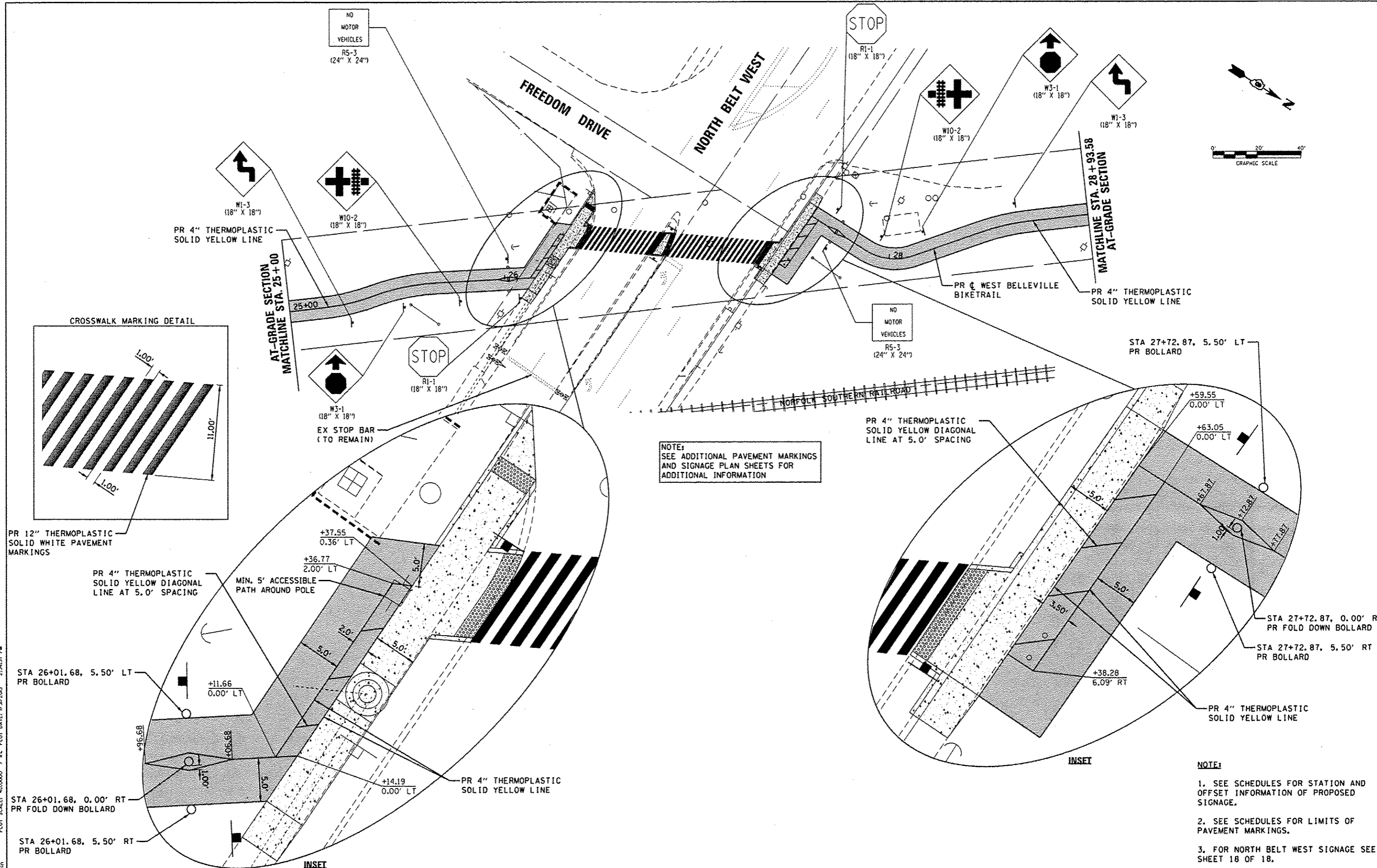


NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888	TWM EXCEPTIONAL SERVICE. NOTHING LESS.	Belleville I · L · L · I · N · O · I · S	CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN AT-GRADE SECTION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISOR	DRAWN - JWS/KMO					SCALE: 1" = 20'	SHEET NO. 6 OF 17 SHEETS	10-00215-00-BT	ST. CLAIR	129	53	
REVISOR	CHECKED - SJK					STA. 20+50.00 TO STA. 25+00.00		CONTRACT NO. 97515				
REVISOR	DATE - 01-2013							ILLINOIS FED. AID PROJECT				



NOTE:
SEE ADDITIONAL PAVEMENT MARKINGS
AND SIGNAGE PLAN SHEETS FOR
ADDITIONAL INFORMATION

- NOTE:
1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.
 3. FOR NORTH BELT WEST SIGNAGE SEE SHEET 18 OF 18.

PLOTTED BY: 154610
 PLOT SCALE: 40,000.0' / IN. PLOT DATE: 1/31/2013 2:34:37 PM

REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

**THOUVENOT,
WADE &
MOERCHEN, INC.**
 SWANNA - MATHEO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.8088

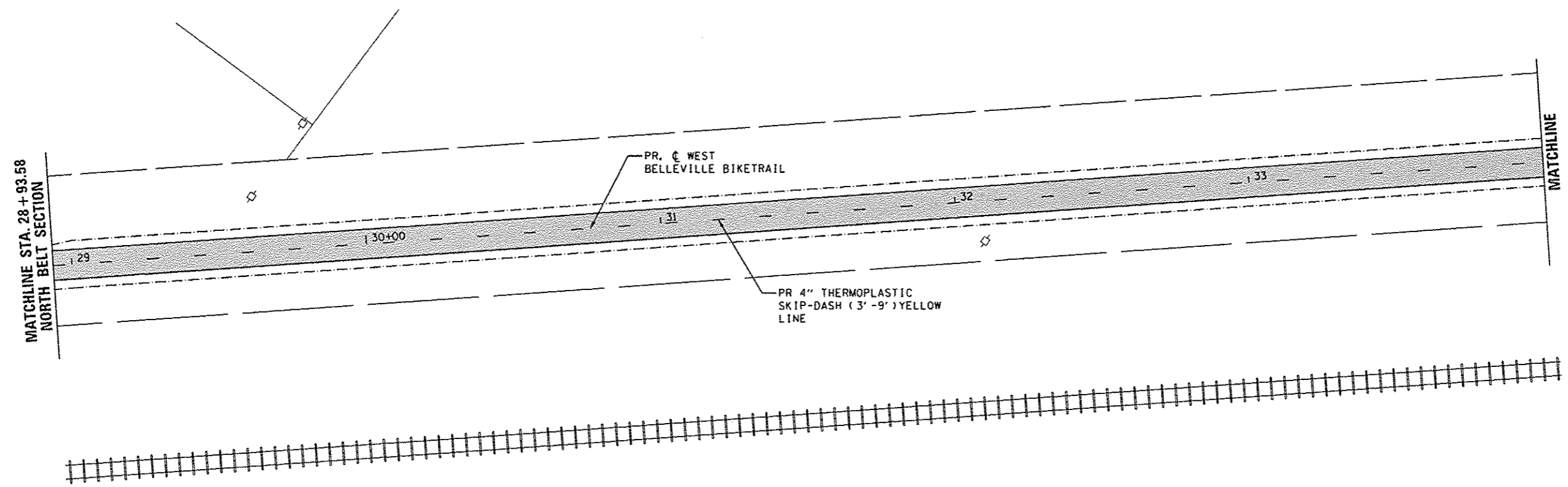


CITY OF BELLEVILLE

PAVEMENT MARKINGS AND SIGNAGE PLAN
NORTH BELT SECTION
 SCALE: 1" = 20'
 SHEET NO. 7 OF 18 SHEETS
 STA. 25+00.00 TO STA. 28+93.58

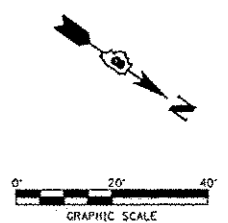
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	54
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLOTTED BY: jshain
 PLOT SCALE: 40,0000 / 1" = 50'
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NOTE:

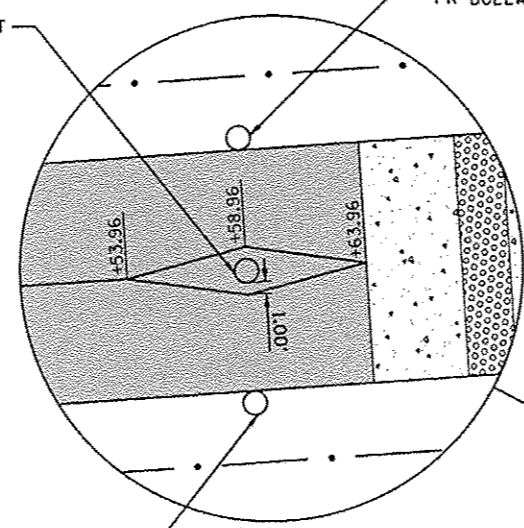
1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	 <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	 <small>I - L - L - I - N - O - I - S</small>	CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN AT-GRADE SECTION	<small>F.A. RTE.</small> SECTION 10-00215-00-BT	COUNTY ST. CLAIR	TOTAL SHEETS 129	SHEET NO. 55
REVISOR	DATE	<small> CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0888 </small>			SCALE: 1" = 20' SHEET NO. 8 OF 18 SHEETS STA. 28+93.58 TO STA. 34+00.00	CONTRACT NO. 97515 <small>ILLINOIS FED. AID PROJECT</small>			
REVISOR	DATE								
REVISOR	DATE								
REVISOR	DATE								

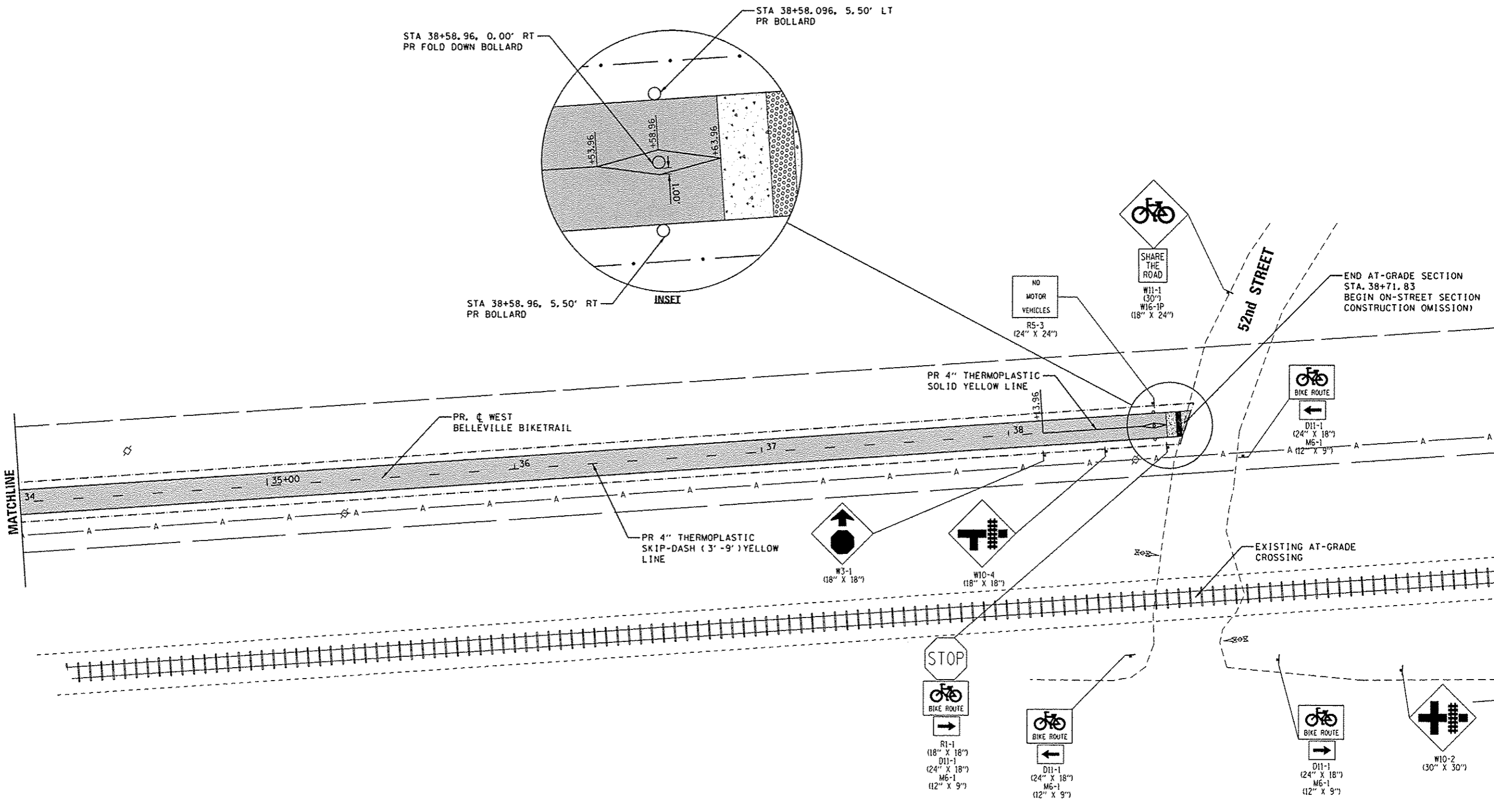
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 PLOT SCALE: 40,0000 / in. PLOT DATE: 1/16/2013 9:53:46 AM

STA 38+58.96, 0.00' RT
 PR FOLD DOWN BOLLARD
 STA 38+58.096, 5.50' LT
 PR BOLLARD



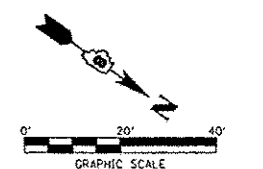
STA 38+58.96, 5.50' RT
 PR BOLLARD
 INSET

MATCHLINE

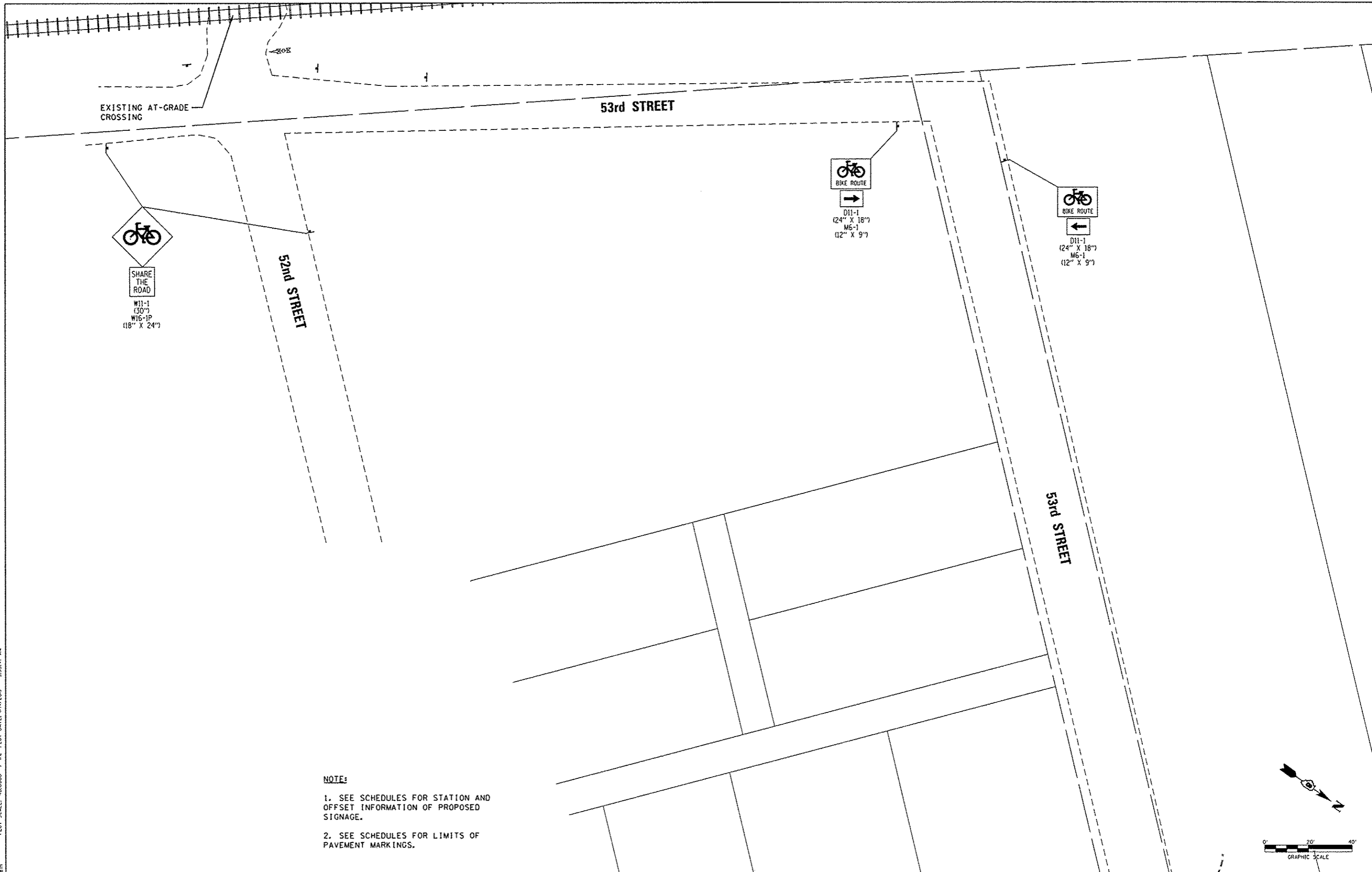


NOTE:

- SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
- SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO DRAWN - JWS/KMO CHECKED - SJK DATE - 01-2013	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6669 <small>SWANSEA • WASHINGTON • TOWN AND VILLAGE • ST. LOUIS • ST. CHARLES</small>	 	CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN AT-GRADE SECTION	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10-00215-00-BT ST. CLAIR 129 56 CONTRACT NO. 97515 <small>ILLINOIS FED. AID PROJECT</small>
SCALE: 1" = 20' SHEET NO. 9 OF 18 SHEETS STA. 34+00.00 TO STA. 38+71.83					



NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.

PLOTTED BY: JStalin
 PLOT SCALE: 40,0000 - 7 in. PLOT DATE: 01/14/2013 9:53:47 AM
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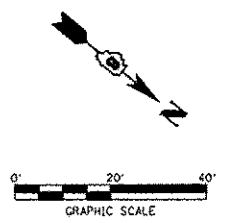
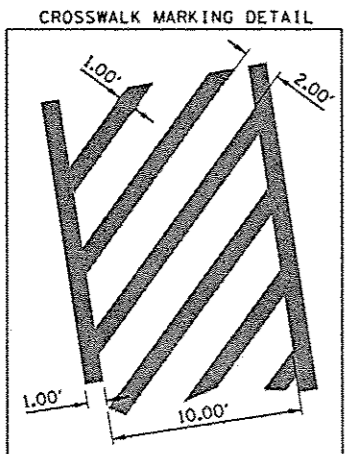
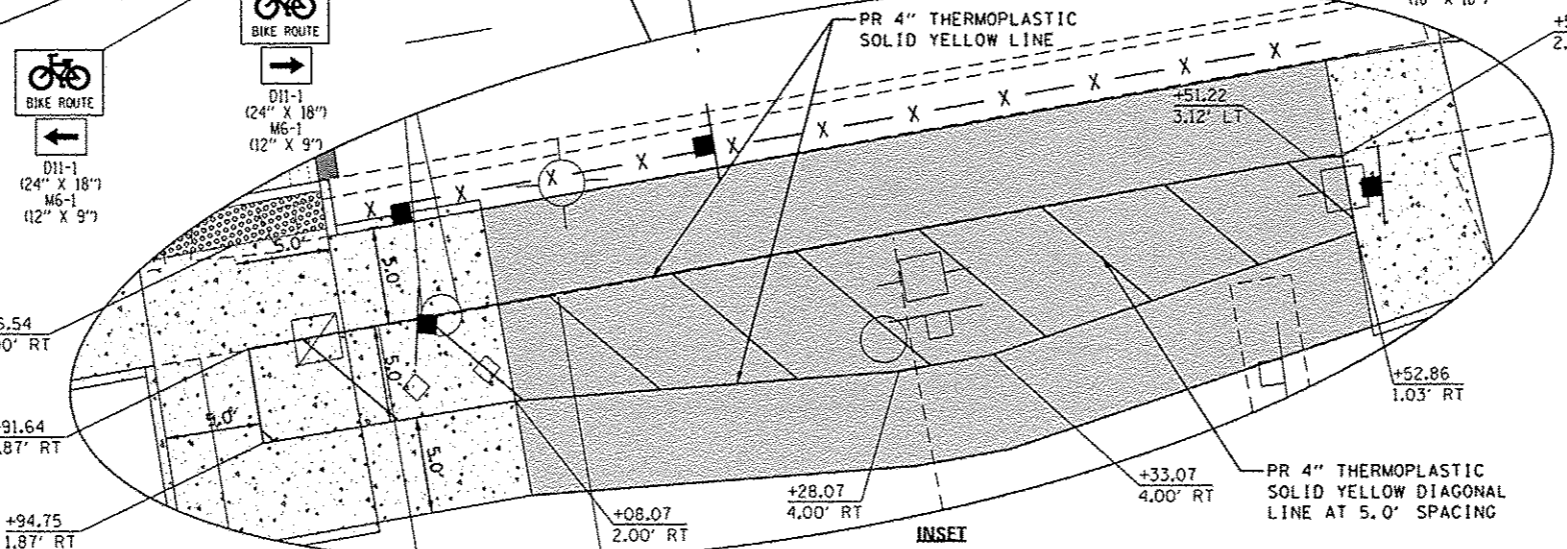
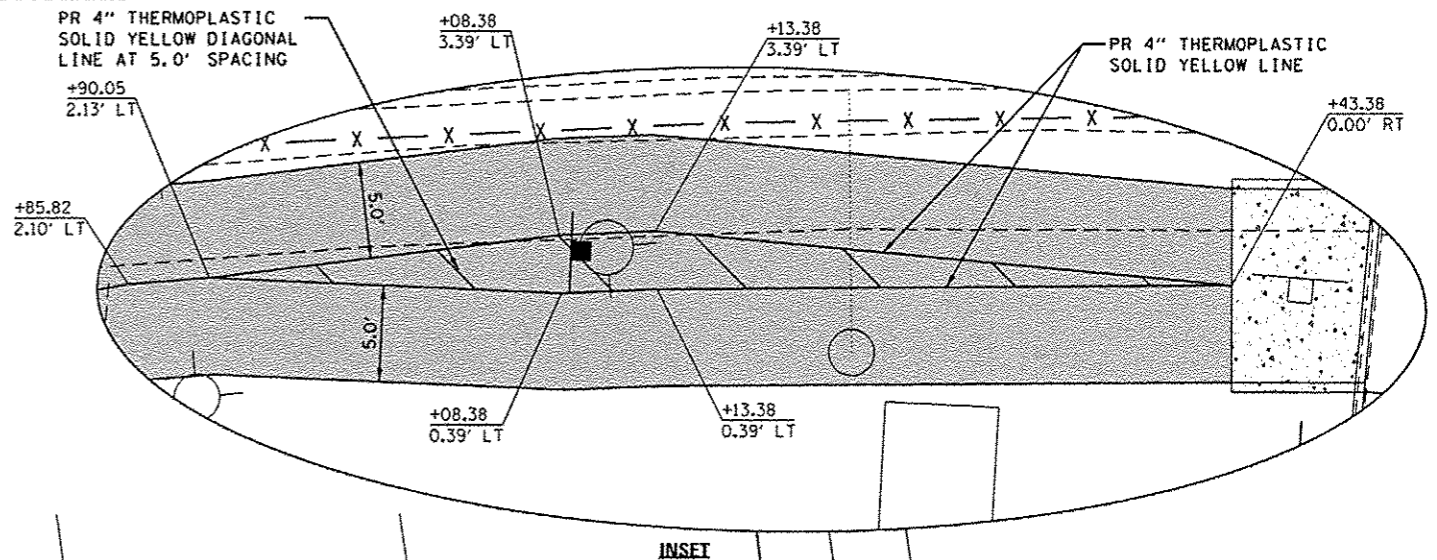
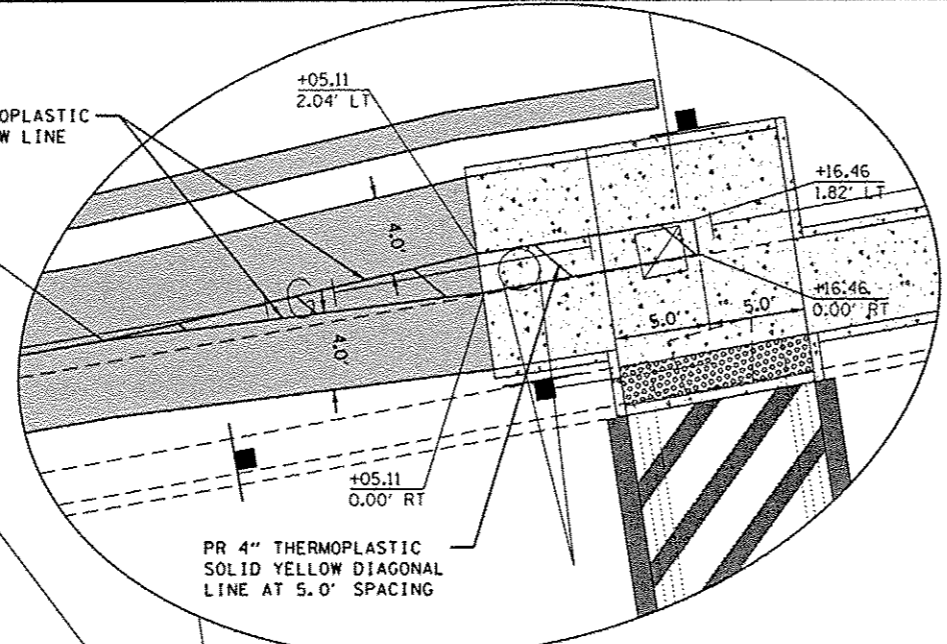
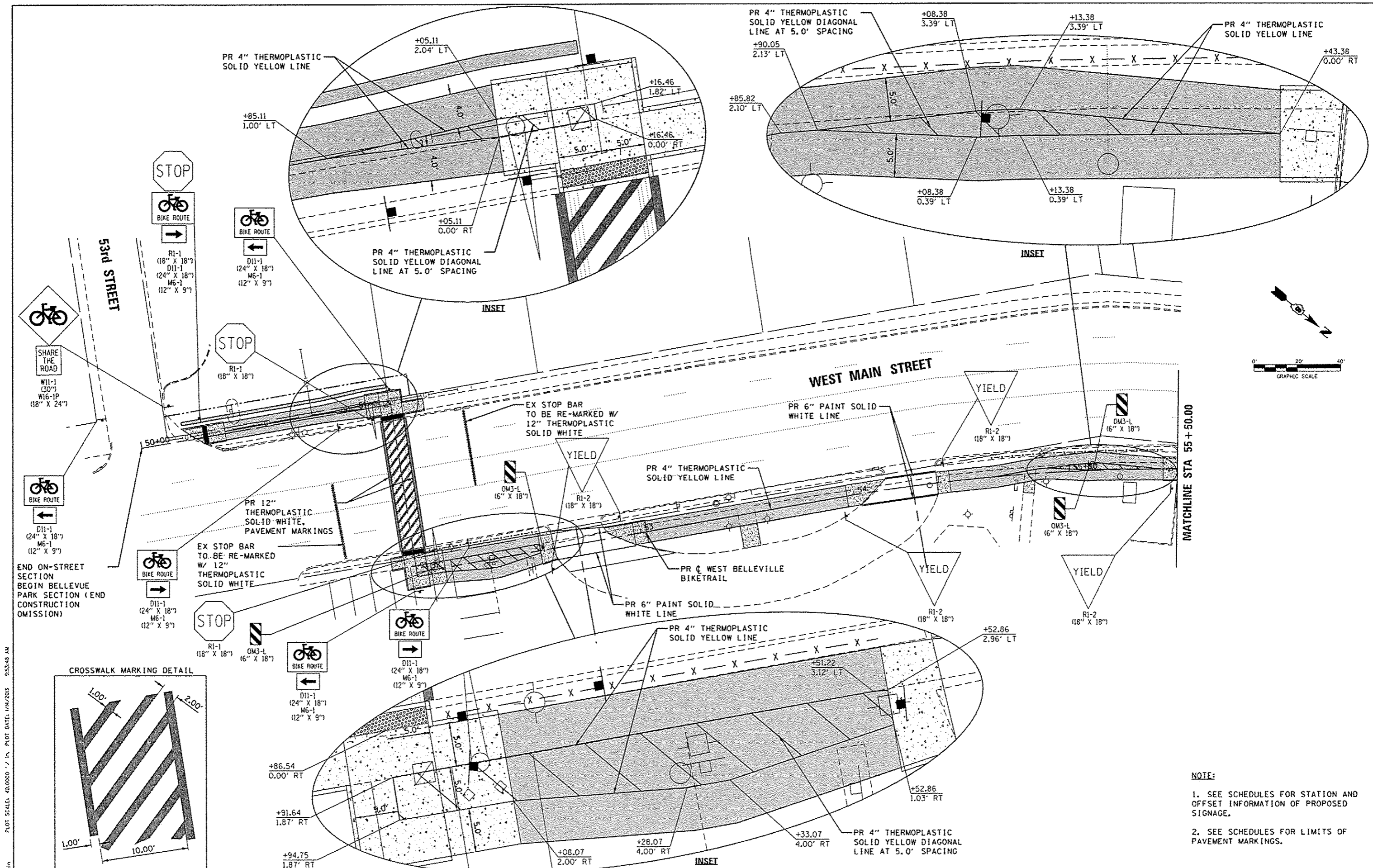
DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	TWM EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	<i>Belleville</i> I · L · L · I · N · O · I · S

CITY OF BELLEVILLE

PAVEMENT MARKINGS AND SIGNAGE PLAN
ON-STREET SECTION

SCALE: 1" = 20' SHEET NO. 10 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	57
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



NOTE:
 1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.

PLOTTED BY: 1514615
 PLOT SCALE: 40.0000' / in. PLOT DATE: 1/14/2013 9:53:48 AM
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6088
CHECKED - SJK	SWANSEA • WARREN • EDWARDSVILLE • ST. LOUIS • ST. CHARLES
DATE - 01-2013	

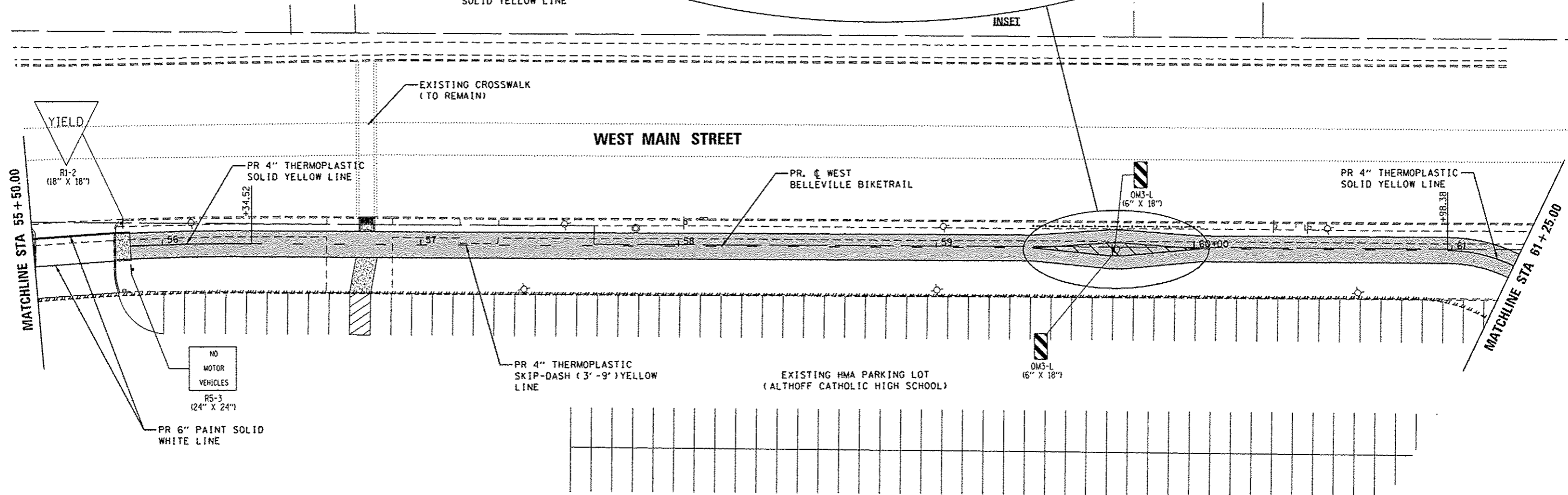
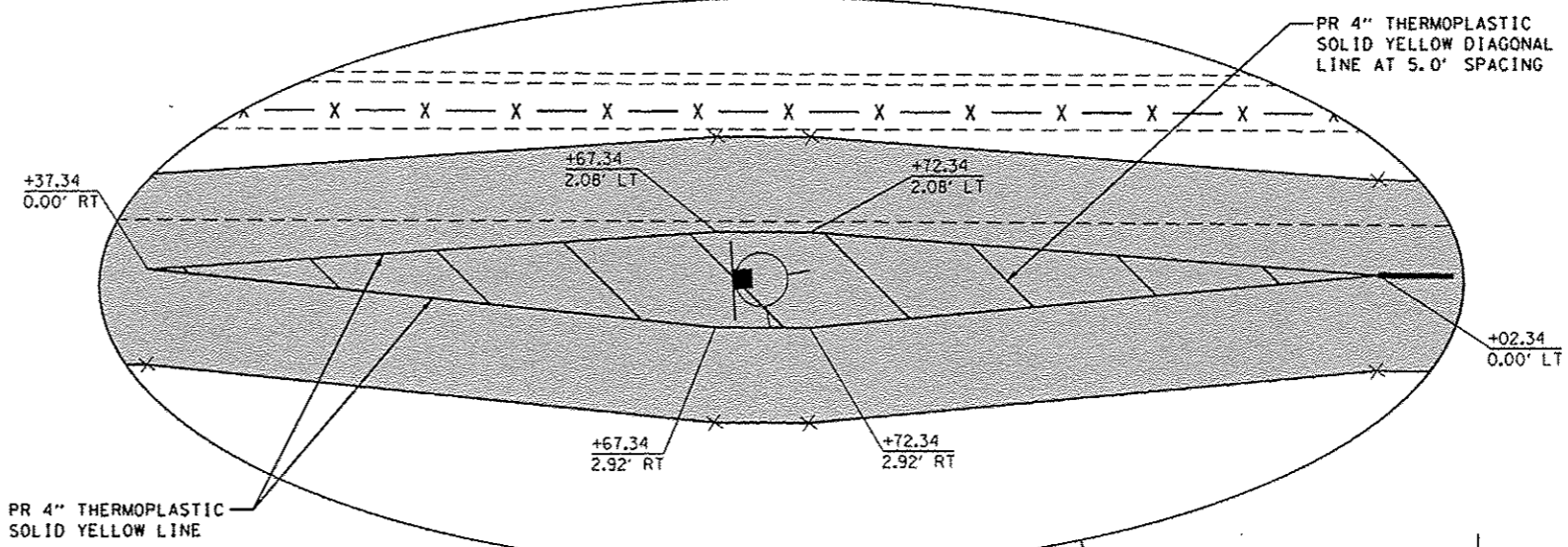
TWM
 EXCEPTIONAL SERVICE. NOTHING LESS.



CITY OF BELLEVILLE

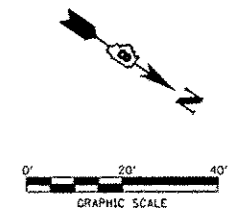
PAVEMENT MARKINGS AND SIGNAGE PLAN	
BELLEVUE PARK SECTION	
SCALE: 1" = 20'	SHEET NO. 11 OF 18 SHEETS
STA. 50+00.00	TO STA. 55+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	58
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



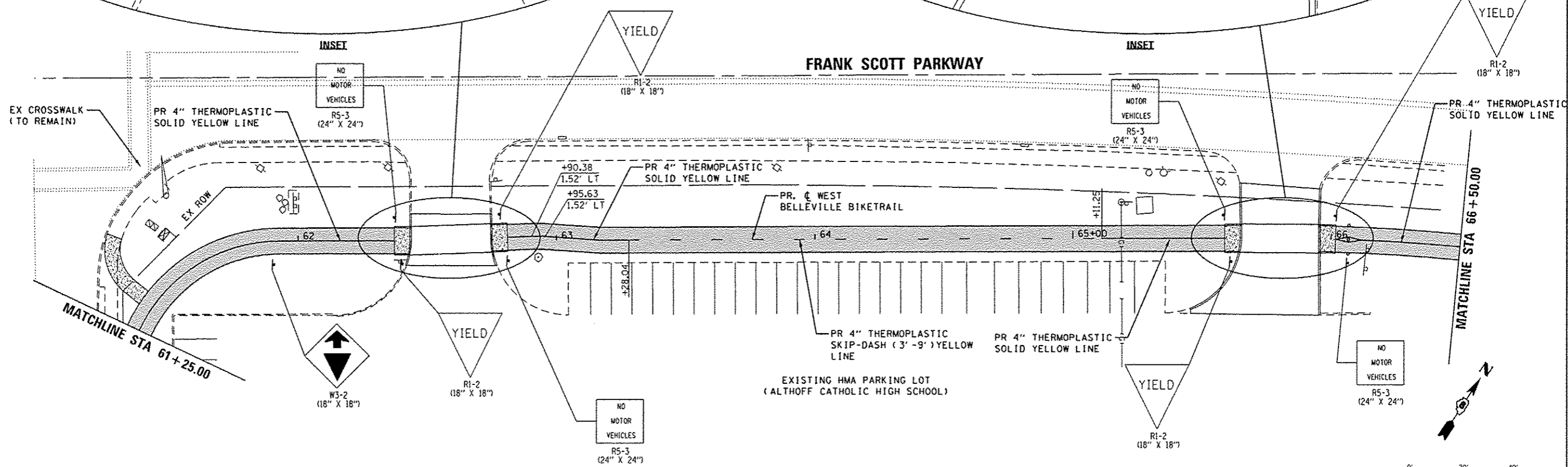
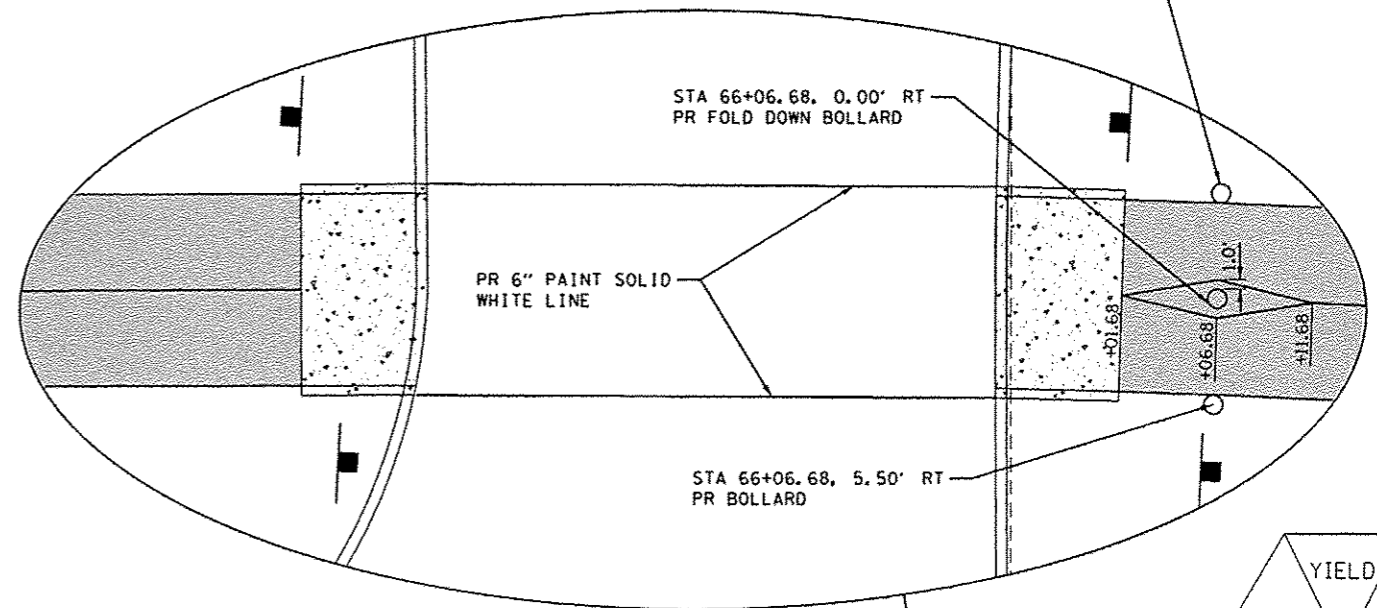
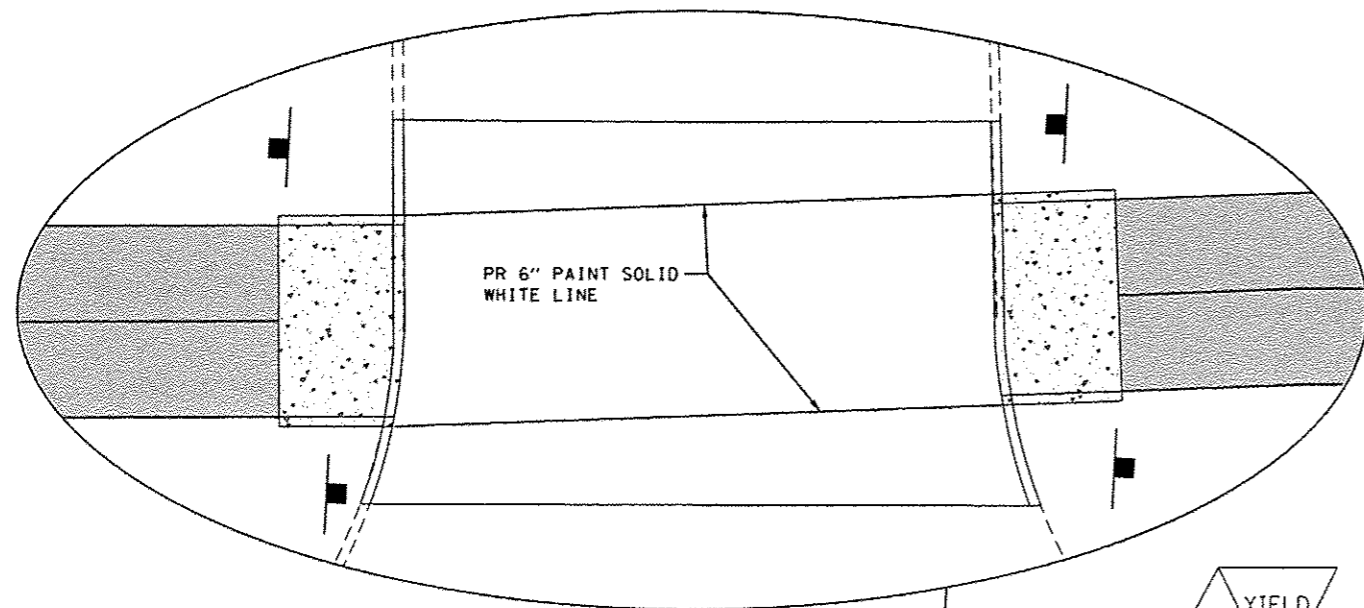
NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. <small>SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>			CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN BELLEVUE PARK SECTION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
DRAWN - JWS/KMO							10-00215-00-BT	ST. CLAIR	129	59					
CHECKED - SJK					SCALE: 1" = 20'					SHEET NO. 12 OF 18 SHEETS		STA. 55+50.00 TO STA. 61+25.00		CONTRACT NO. 97515	
DATE - 01-2013														ILLINOIS FED. AID PROJECT	



NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.

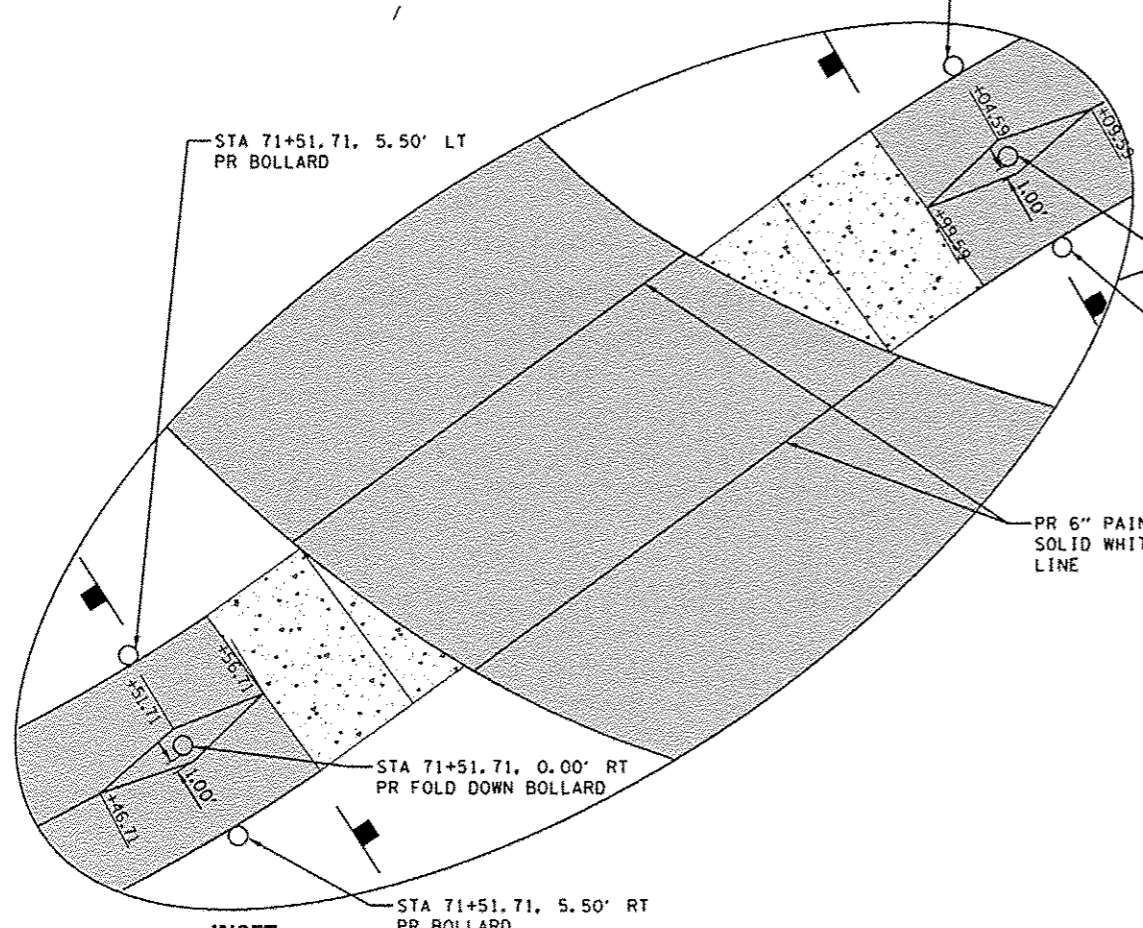
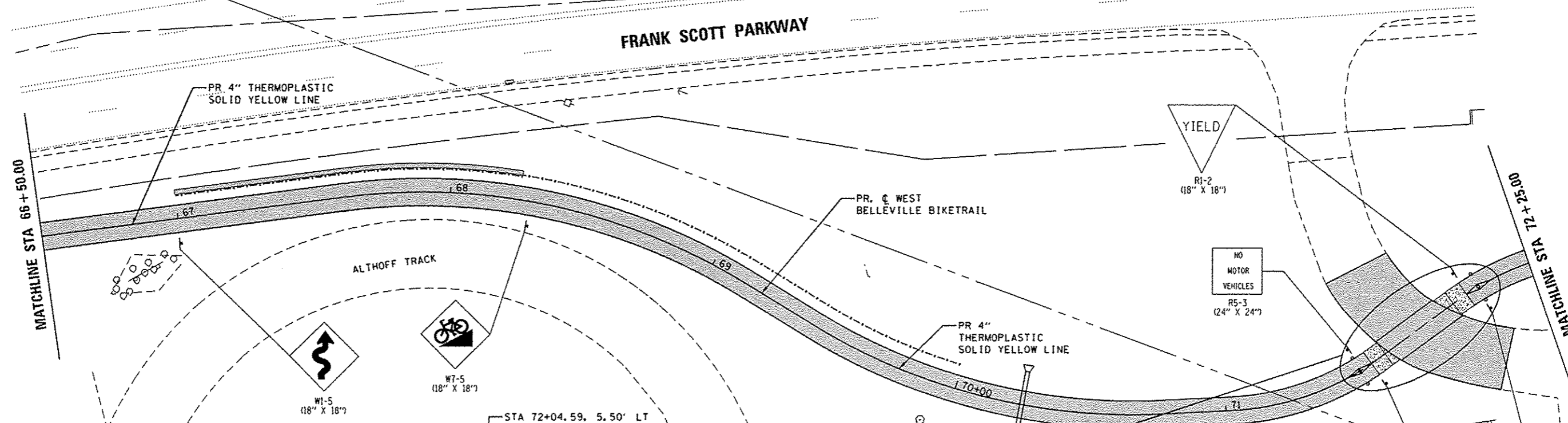
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.

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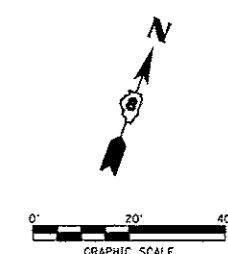
DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0800
CHECKED - SJK	TWM EXCEPTIONAL SERVICE, NOTHING LESS.
DATE - 01-2013	<i>Belleville</i> I - L - L - I - N - O - I - S

CITY OF BELLEVILLE		PAVEMENT MARKINGS AND SIGNAGE PLAN BELLEVUE PARK SECTION	
SCALE: 1" = 20'		SHEET NO. 13 OF 18 SHEETS STA. 61+25.00 TO STA. 66+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	60
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



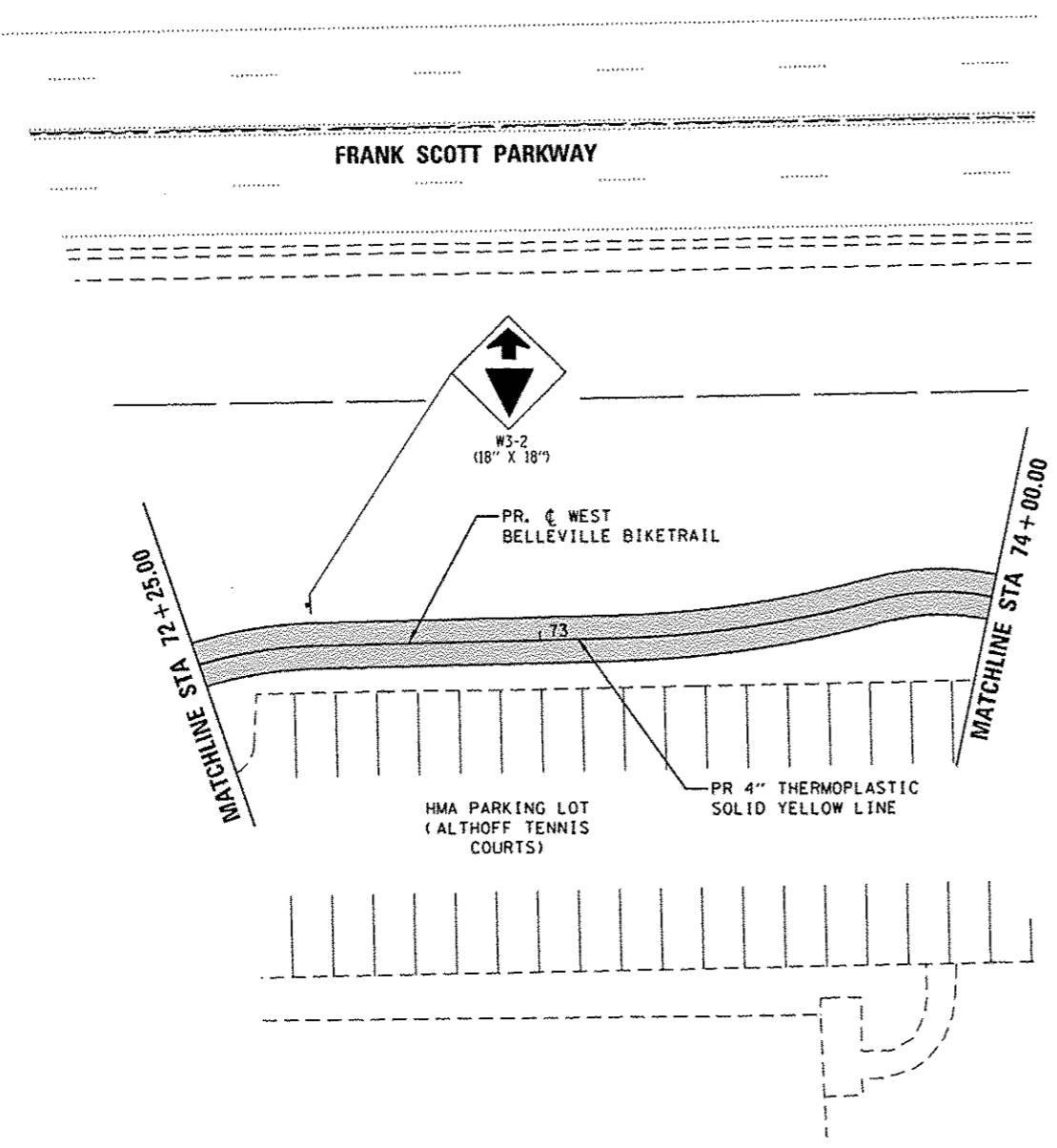
NOTE:
 1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
 2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



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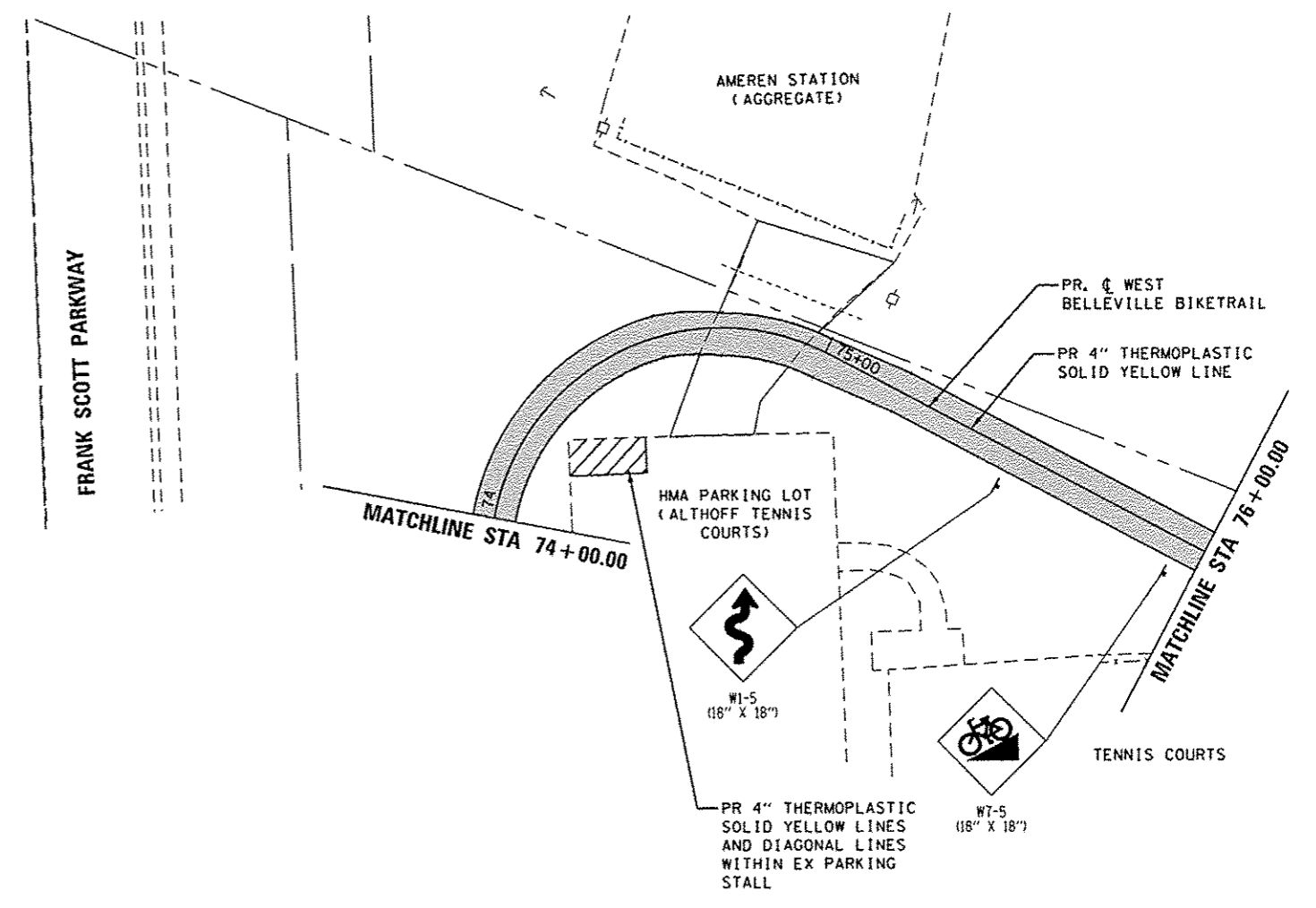
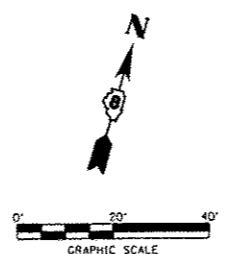
DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. <small>4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small> <small>SWANSEA • WASHINGTON • ST. LOUIS • ST. CHARLES</small>			CITY OF BELLEVILLE	PAVEMENT MARKINGS AND SIGNAGE PLAN BELLEVUE PARK SECTION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
REVISOR -							10-00215-00-BT	ST. CLAIR	129	61					
REVISOR -					SCALE: 1" = 20'					SHEET NO. 14 OF 18 SHEETS		STA. 66+50.00 TO STA. 72+25.00		CONTRACT NO. 97515	
REVISOR -					ILLINOIS FED. AID PROJECT										

PLOT SCALE: 40,0000 / 1" = 40' PLDT DATE: 04/2013 9:53:51 AM
 PLOTTED BY: jstb



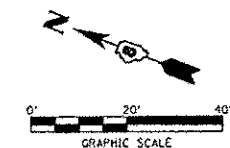
NOTE:

- SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
- SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



NOTE:

- SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
- SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	EXCEPTIONAL SERVICE. NOTHING LESS.
DATE - 01-2013	<i>Belleville</i> I · L · L · I · N · O · I · S

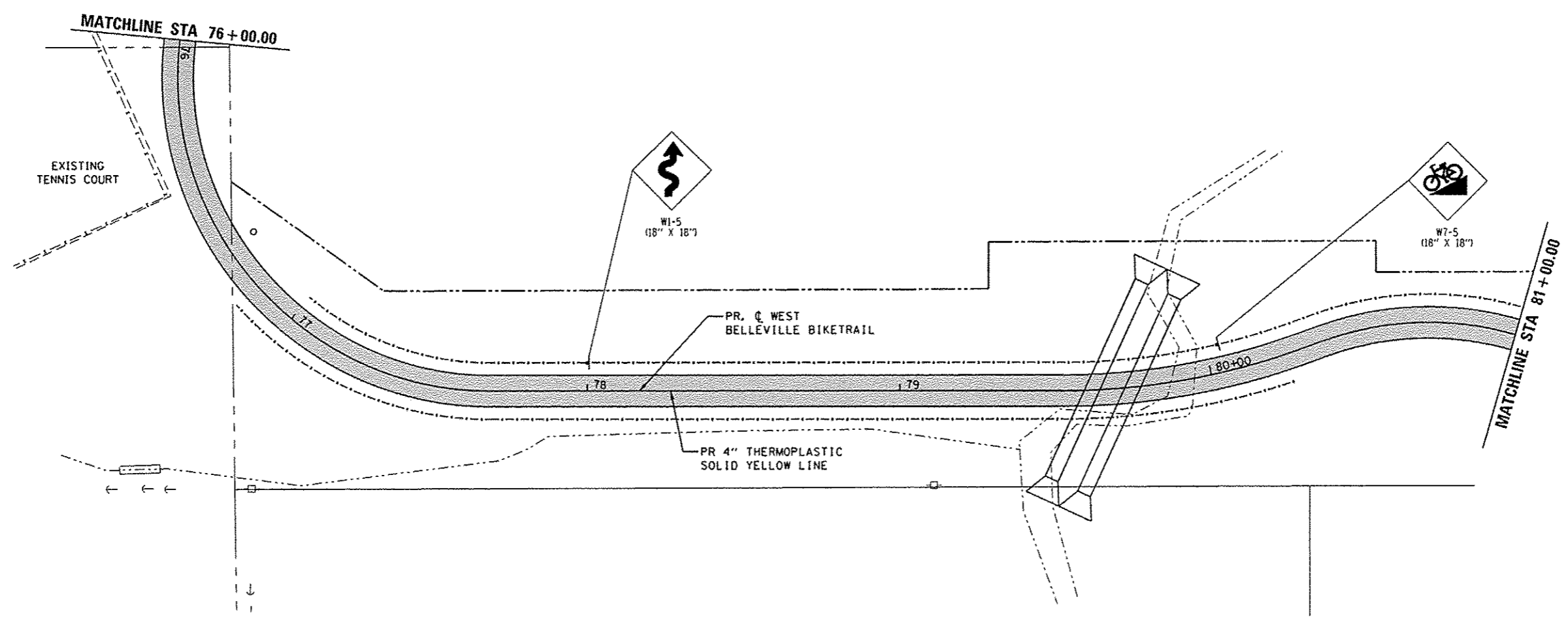
CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888



CITY OF BELLEVILLE

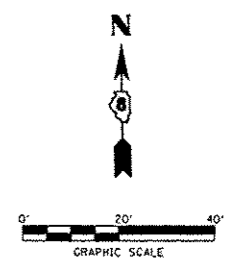
PAVEMENT MARKINGS AND SIGNAGE PLAN
 BELLEVUE PARK SECTION
 SCALE: 1" = 20' SHEET NO. 15 OF 18 SHEETS STA. 72+25.00 TO STA. 76+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	62
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



PLOTTED BY: jstehin
 PLOT SCALE: 40.0000 1/4" = 1' in. PLOT DATE: 1/14/2013 9:53:52 AM
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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

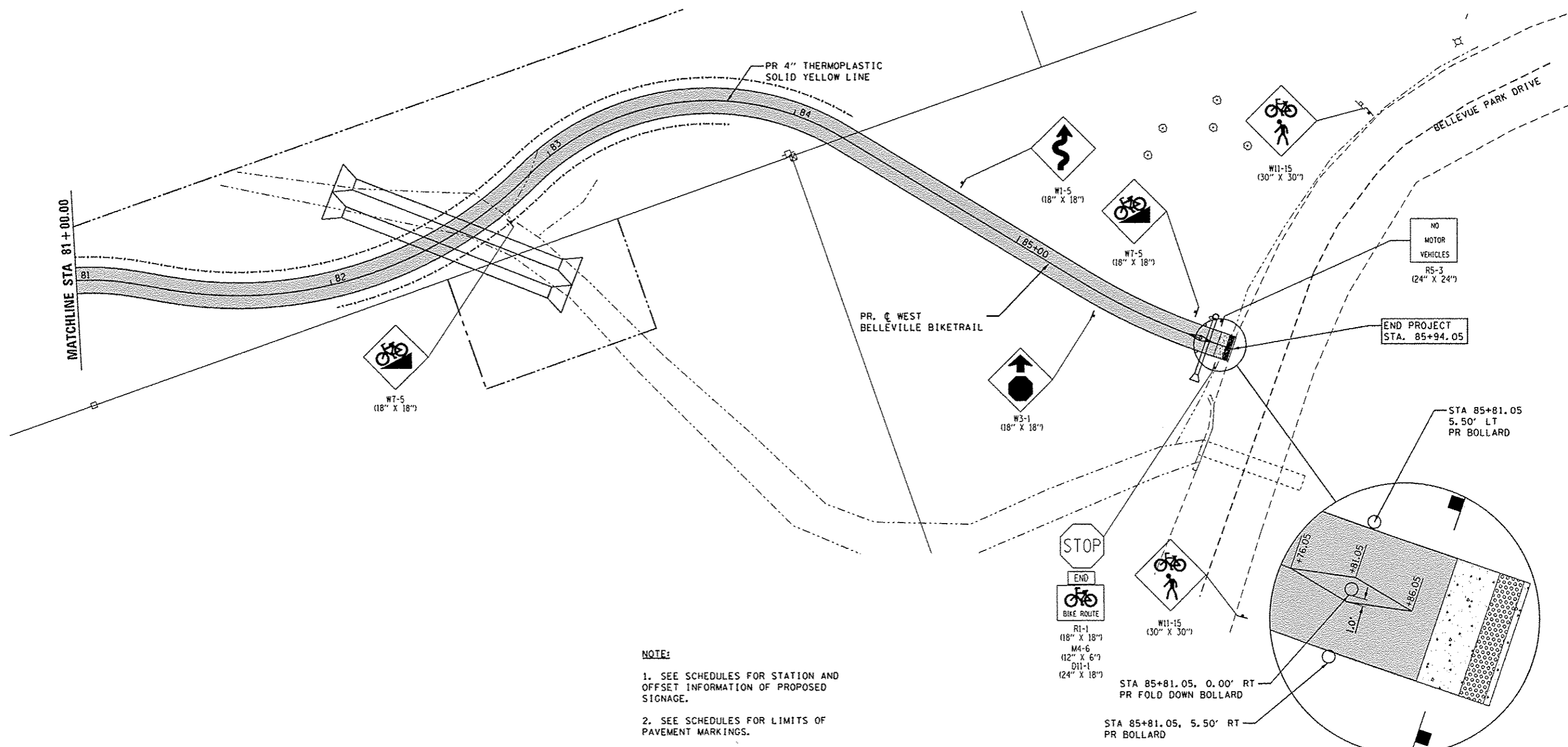
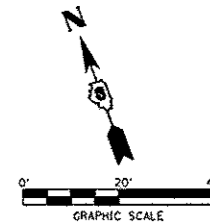
**THOUVENOT,
WADE &
MOERCHEN, INC.**
SWANSEA - WATERLOO - FORT MADISON - ST. LOUIS - ST. CHARLES
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
Fax: 618.624.6088



CITY OF BELLEVILLE

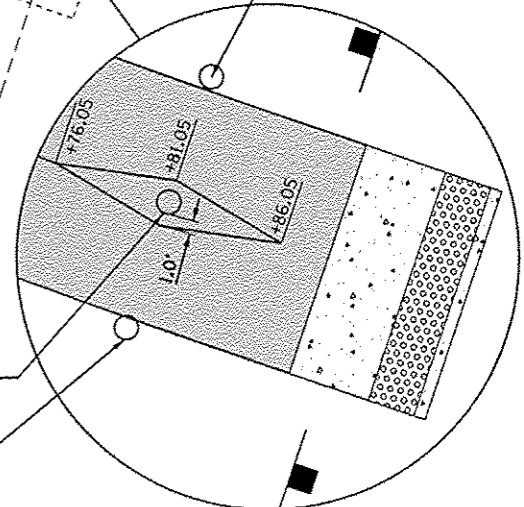
PAVEMENT MARKINGS AND SIGNAGE PLAN
BELLEVUE PARK SECTION
 SCALE: 1" = 20' SHEET NO. 16 OF 18 SHEETS STA. 76+00.00 TO STA. 81+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	63
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



NOTE:

1. SEE SCHEDULES FOR STATION AND OFFSET INFORMATION OF PROPOSED SIGNAGE.
2. SEE SCHEDULES FOR LIMITS OF PAVEMENT MARKINGS.



PLOTTED BY: jshrin
 PLOT SCALE: 40,0000 / 1" = 100'
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - WAHLEUIG - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

CITY OF BELLEVUE

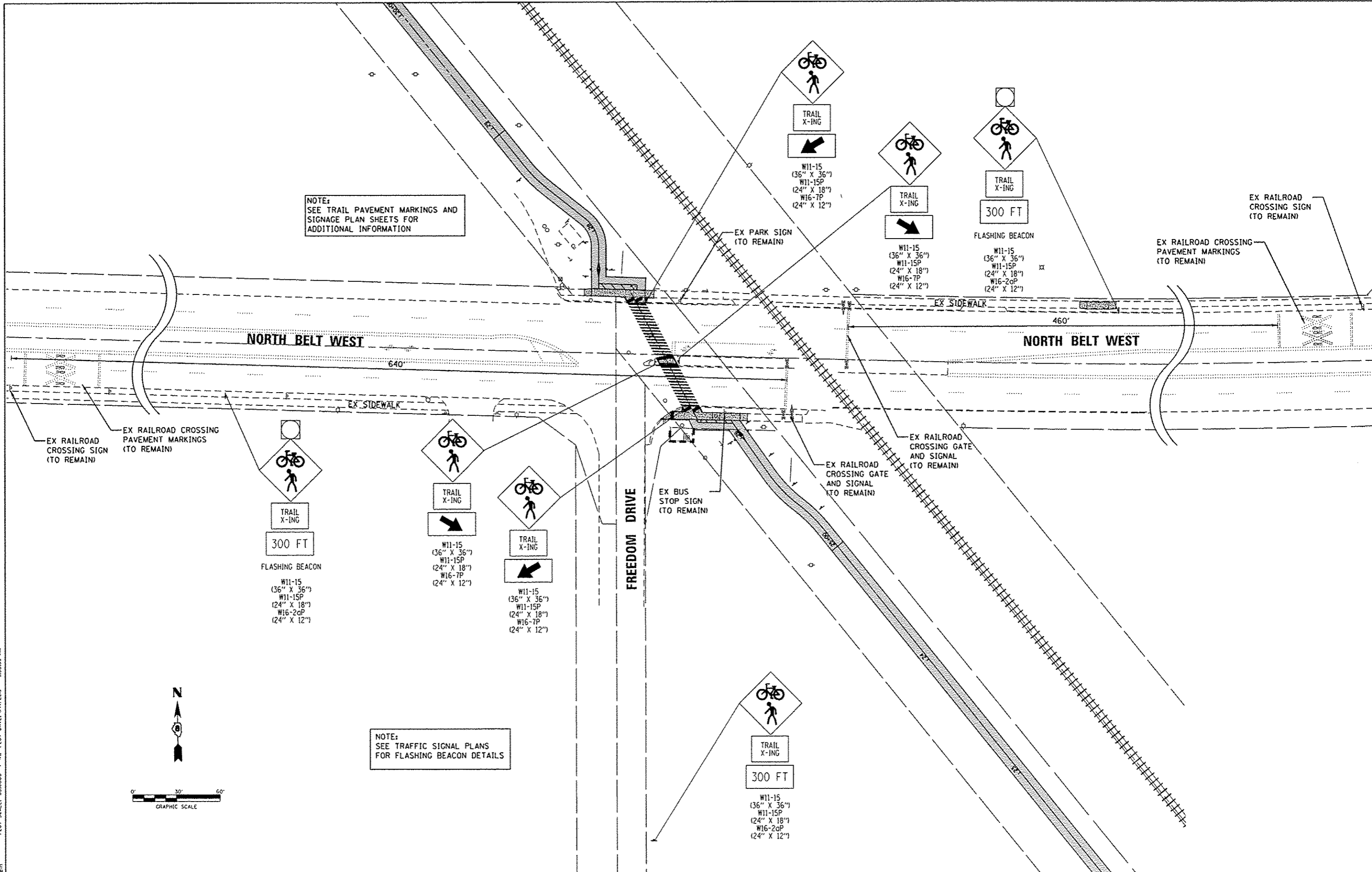
PAVEMENT MARKINGS AND SIGNAGE PLAN
BELLEVUE PARK SECTION

SCALE: 1" = 20' SHEET NO. 17 OF 18 SHEETS STA. 81+00.00 TO STA. 84+94.05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	64
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

NOTE:
SEE TRAIL PAVEMENT MARKINGS AND SIGNAGE PLAN SHEETS FOR ADDITIONAL INFORMATION

NOTE:
SEE TRAFFIC SIGNAL PLANS FOR FLASHING BEACON DETAILS



PLOTTED BY: jst4em
 FILE NAME: P:\1068\14-CADD - DWG\4.2-TR\Sheets\1068-pvm1mk18.dgn
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REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013






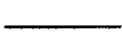
**THOUVENOT,
WADE &
MOERCHEN, INC.**
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.824.4488
Fax: 618.824.6888
SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES

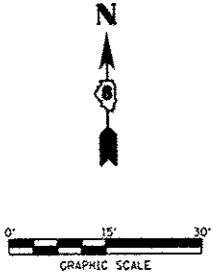
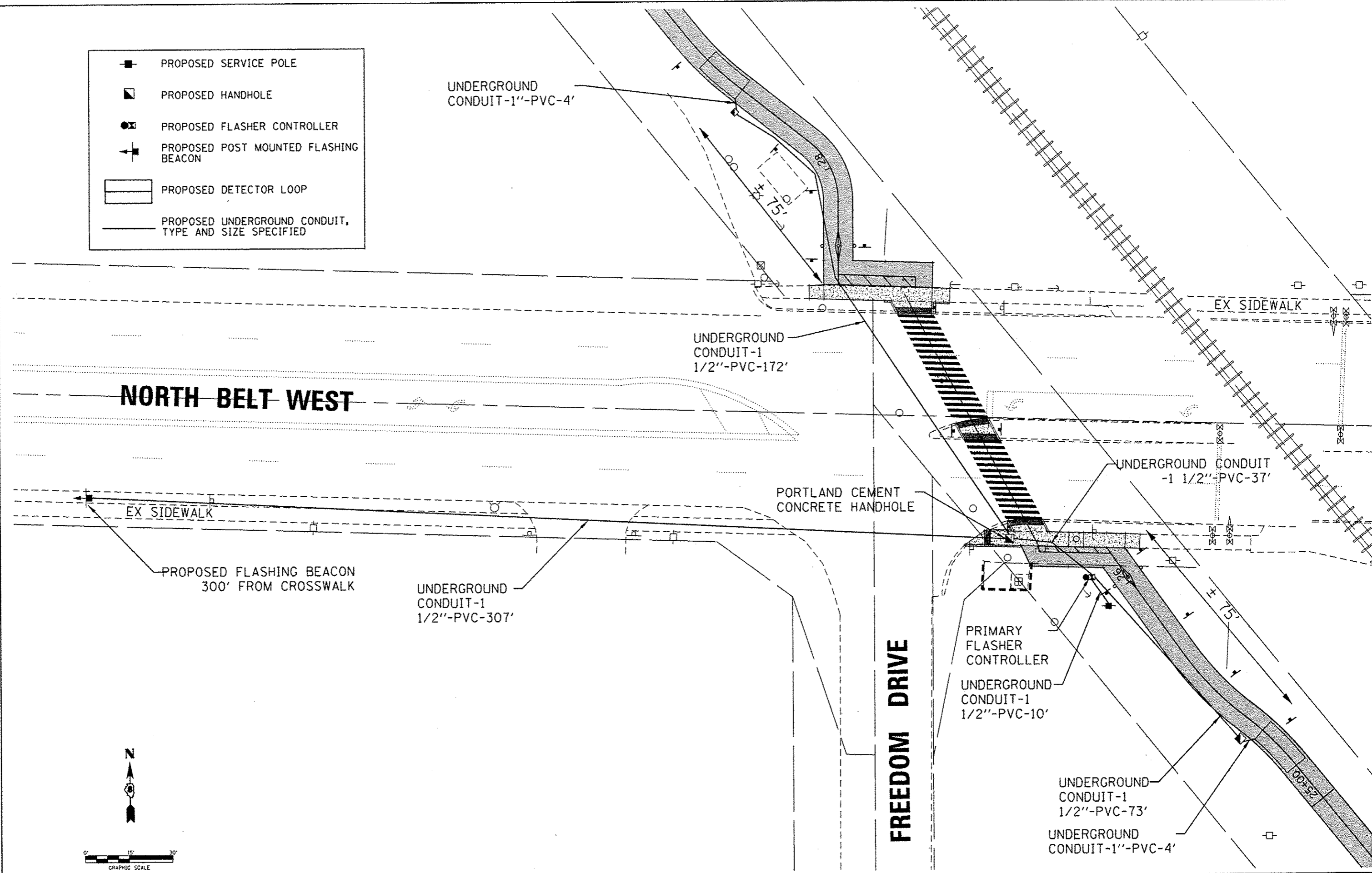


CITY OF BELLEVILLE

PLAN - NORTH BELT WEST SIGNAGE
SCALE: 1" = 20'
SHEET NO. 18 OF 18 SHEETS
STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	65
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

-  PROPOSED SERVICE POLE
-  PROPOSED HANDHOLE
-  PROPOSED FLASHER CONTROLLER
-  PROPOSED POST MOUNTED FLASHING BEACON
-  PROPOSED DETECTOR LOOP
-  PROPOSED UNDERGROUND CONDUIT, TYPE AND SIZE SPECIFIED



PLOTTED BY: jstrelin
 PLOT SCALE: 30,0000 / In. PLOT DATE: 1/29/2013 2:35:08 PM

DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

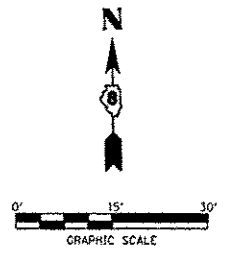
THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 818.824.4488
 Fax: 618.624.6088
SPRINGFIELD • BARRINGTON • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



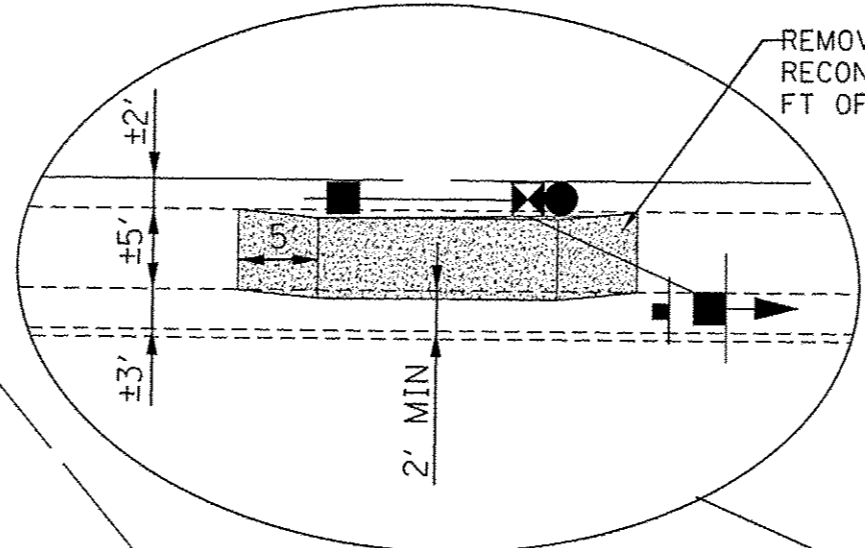
CITY OF BELLEVILLE

FLASHING BEACON PLANS
NORTH BELT WEST
 SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	66
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



REMOVE AND RECONSTRUCT 125 SQ FT OF SIDEWALK



UNDERGROUND CONDUIT-1
1/2"-PVC-20'





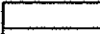

SECONDARY FLASHER CONTROLLER

UNDERGROUND CONDUIT-1
1/2"-PVC-9'



PROPOSED FLASHING BEACON 300' FROM CROSSWALK

NORTH BELT WEST

FREEDOM DRIVE

-  PROPOSED SERVICE POLE
-  PROPOSED HANDHOLE
-  PROPOSED FLASHER CONTROLLER
-  PROPOSED POST MOUNTED FLASHING BEACON
-  PROPOSED DETECTOR LOOP
-  PROPOSED UNDERGROUND CONDUIT, TYPE AND SIZE SPECIFIED

PLOT SCALE: 30.0000 7/16 IN. PLOT DATE: 1/14/2013 9:53:54 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 <small>SWANSEA • BATH • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>	 EXCEPTIONAL SERVICE. NOTHING LESS.	 CITY OF BELLEVILLE ILLINOIS	FLASHING BEACON PLANS NORTH BELT WEST SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISOR					10-00215-00-BT	ST. CLAIR	129	67	
DATE					CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS



LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
SOUTH SIDE NBW	8'X16' (O)	3-6-3	307.36	1.040
NORTH SIDE NBW	8'X16' (O)	3-6-3	329.80	1.555

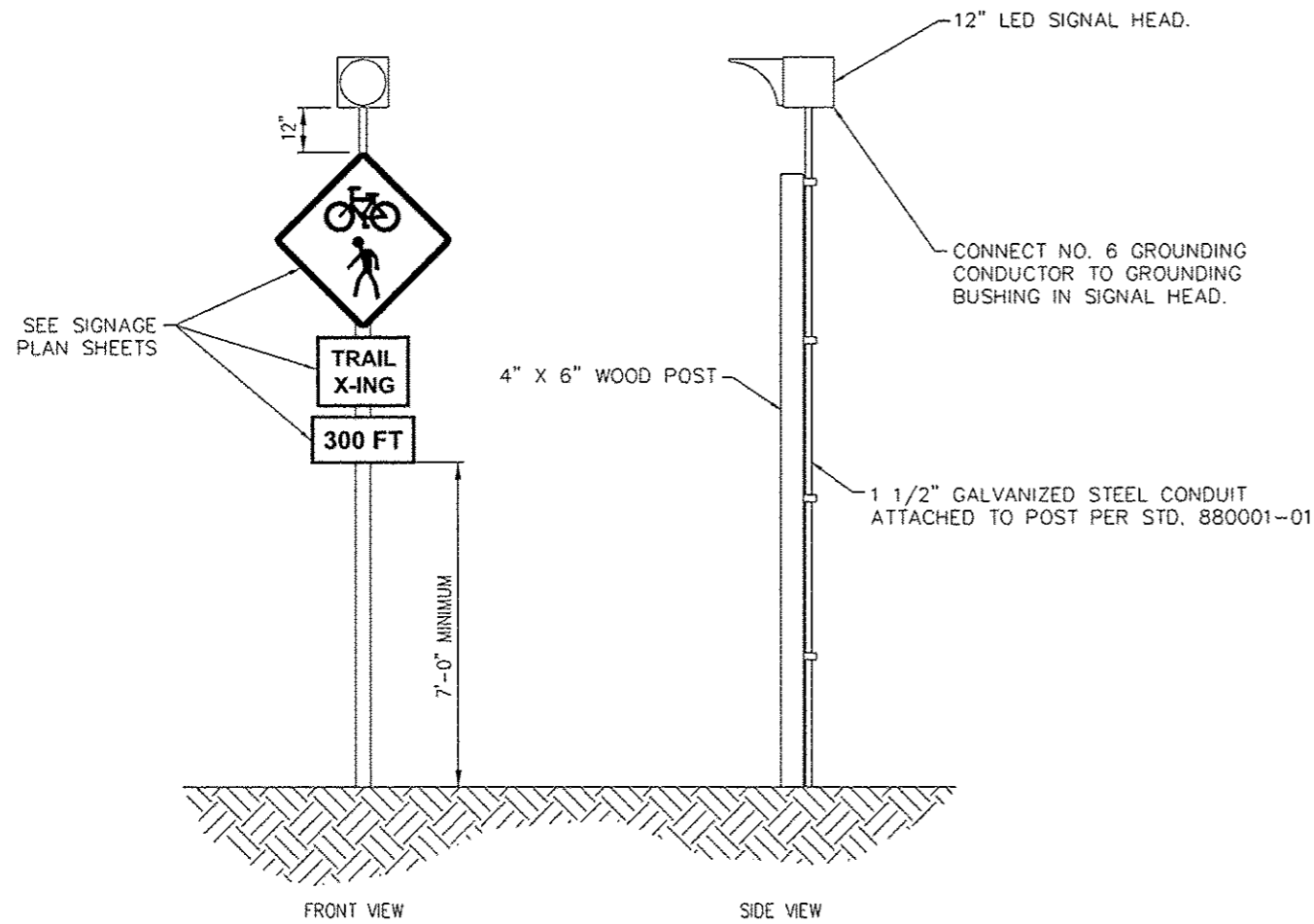
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

STANDARDS

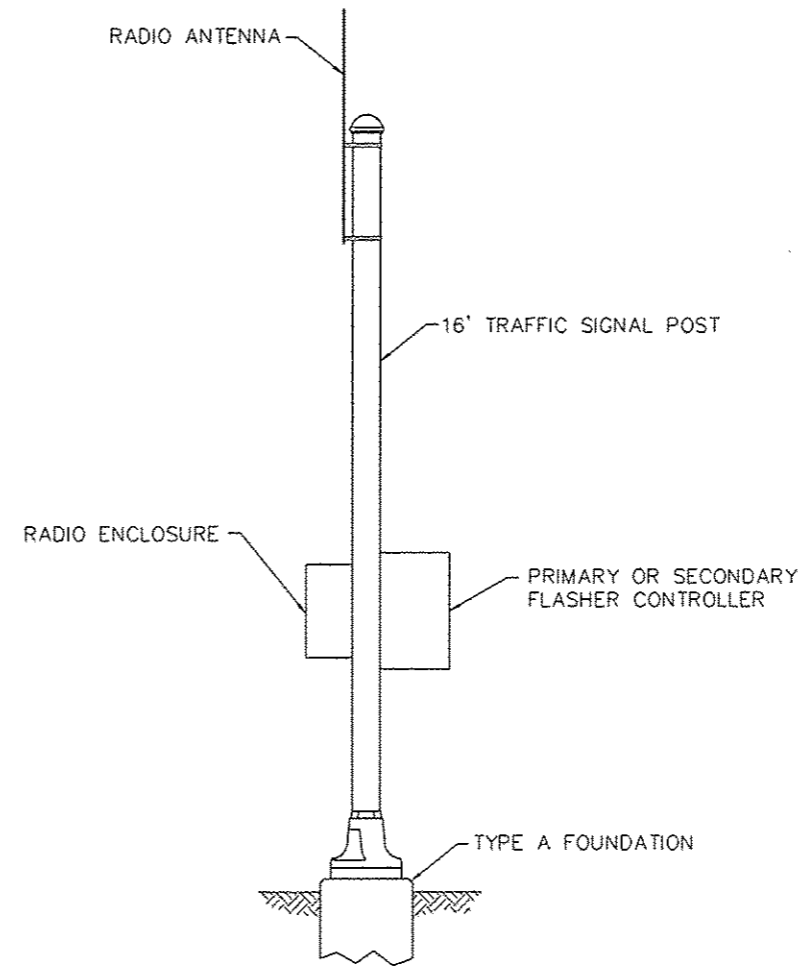
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- 805001-01
- 814001-02
- 873001-02
- 878001-09
- 880001-01
- 886001-01
- 886006-01

CABLE DIAGRAM LEGEND

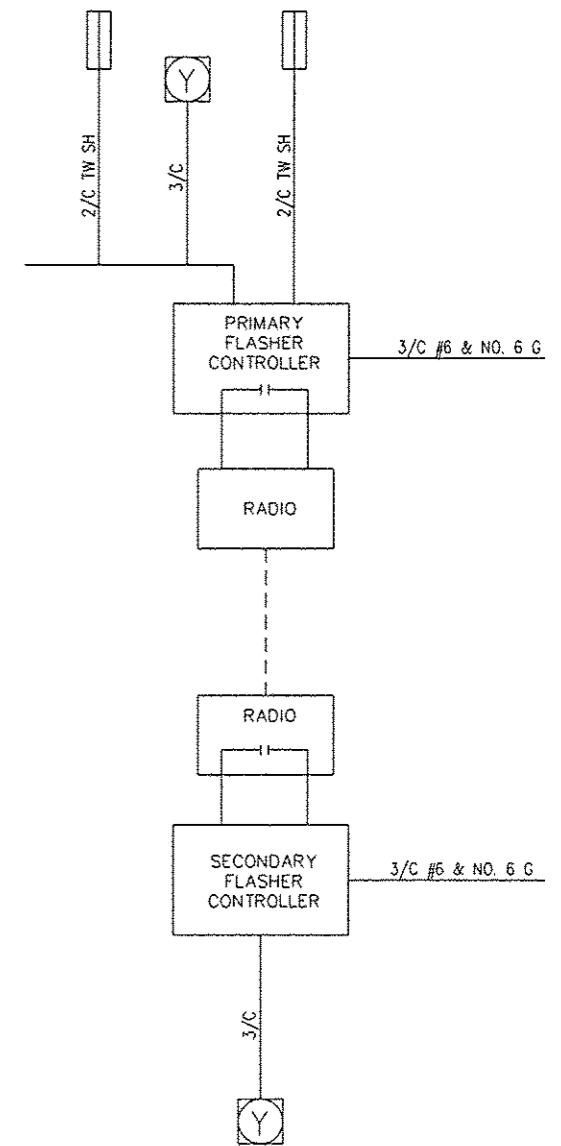
-  SIGNAL HEAD, 1 SECTION
-  DETECTOR LOOP, TYPE 1



BIKE CROSSING SIGN WITH FLASHING BEACON



FLASHER CONTROLLER WITH RADIO



CABLE DIAGRAM

PLOT SCALE: 30,0000 / 1 IN. PLOT DATE: 1/14/2013 9:53:56 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226
CHECKED - SJK	Tel: 618.624.4488 Fax: 618.624.6688
DATE - 01-2013	SWANSA - WASHINGTON - EDWARDSVILLE - ST. LOUIS - ST. CHARLES

TWM
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
Fax: 618.624.6688
EXCEPTIONAL SERVICE. NOTHING LESS.

Belleverville
I - L - L - I - N - O - I - S

CITY OF BELLEVILLE

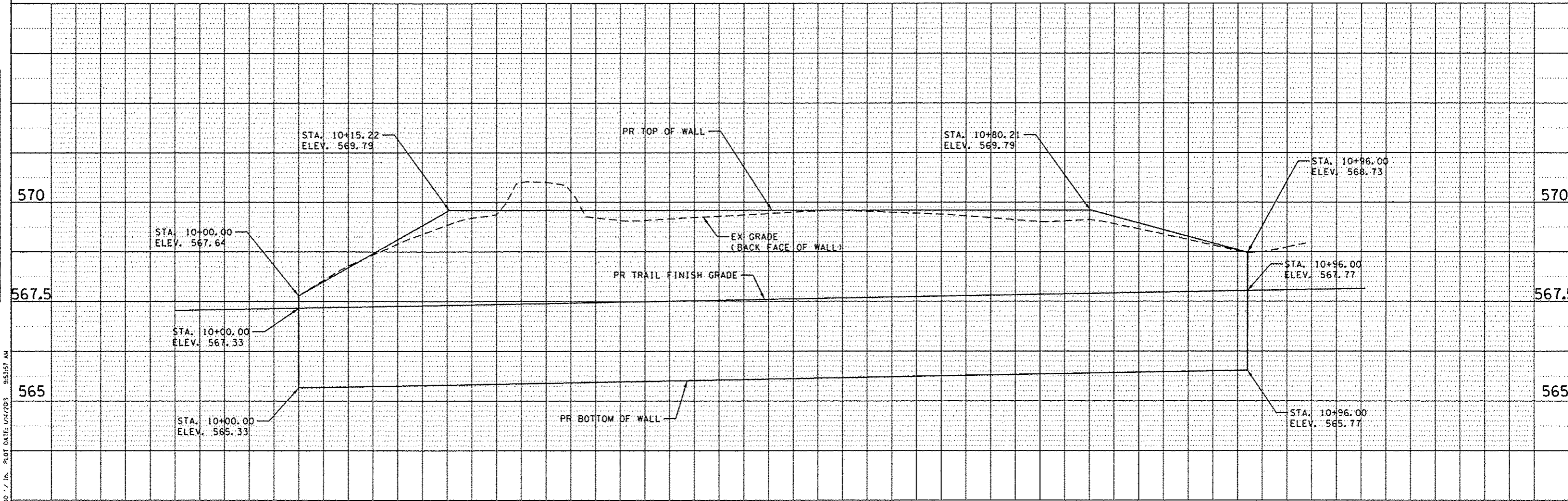
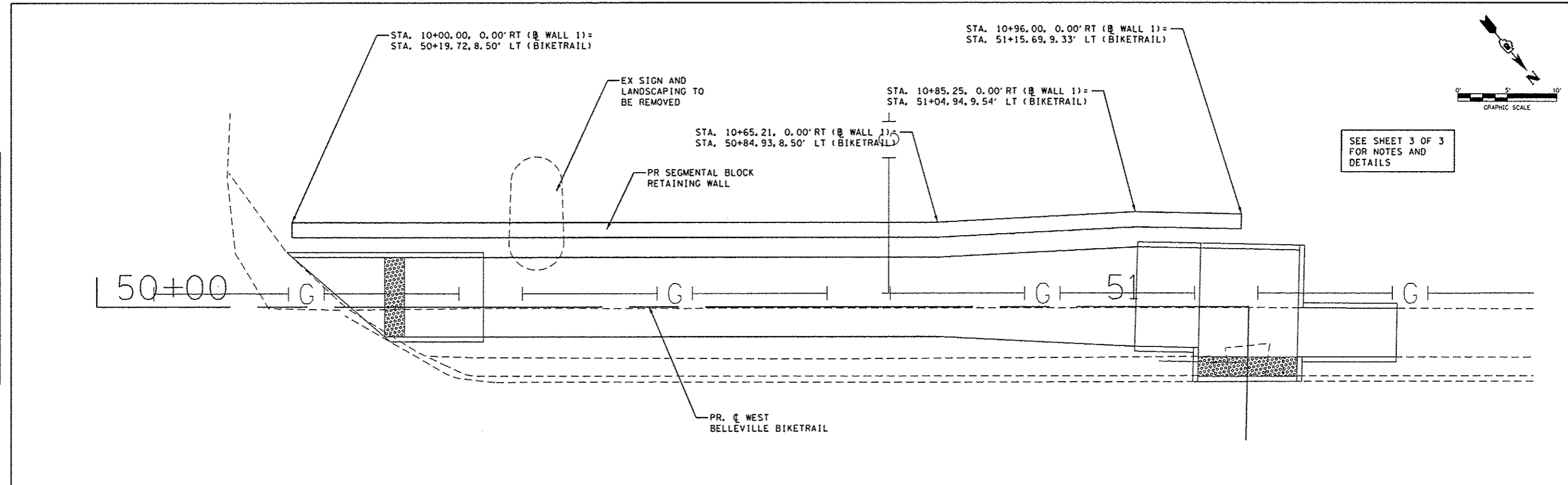
**FLASHING BEACON PLANS
NORTH BELT WEST**

SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.
-----------------	-------------------------	--------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	68
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

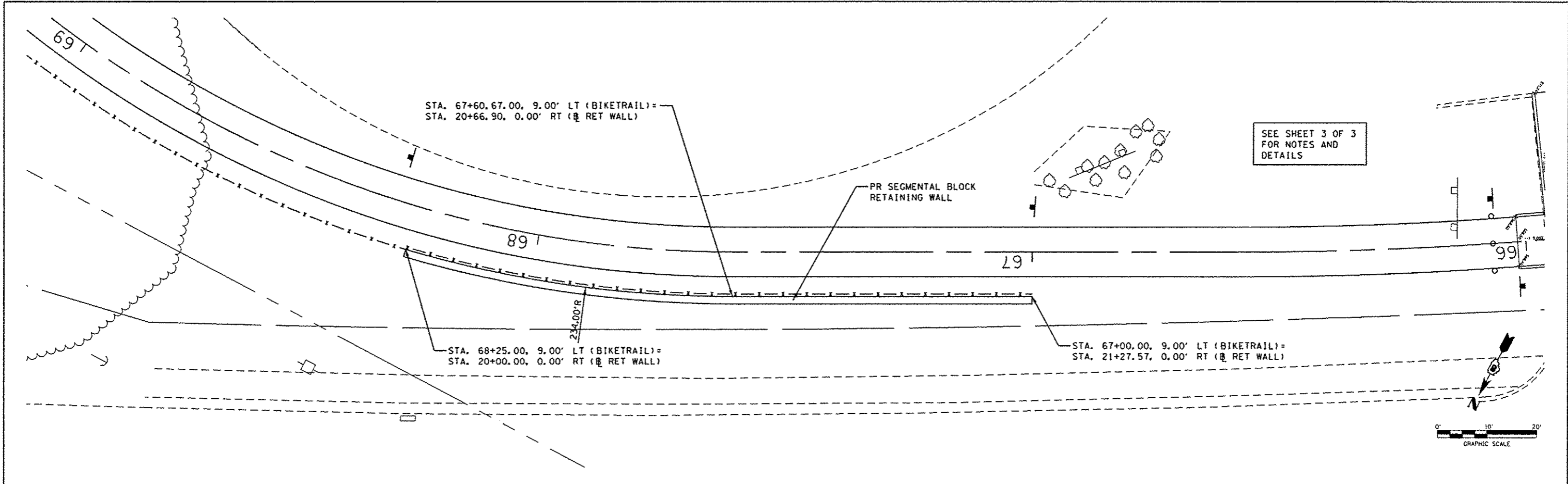
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

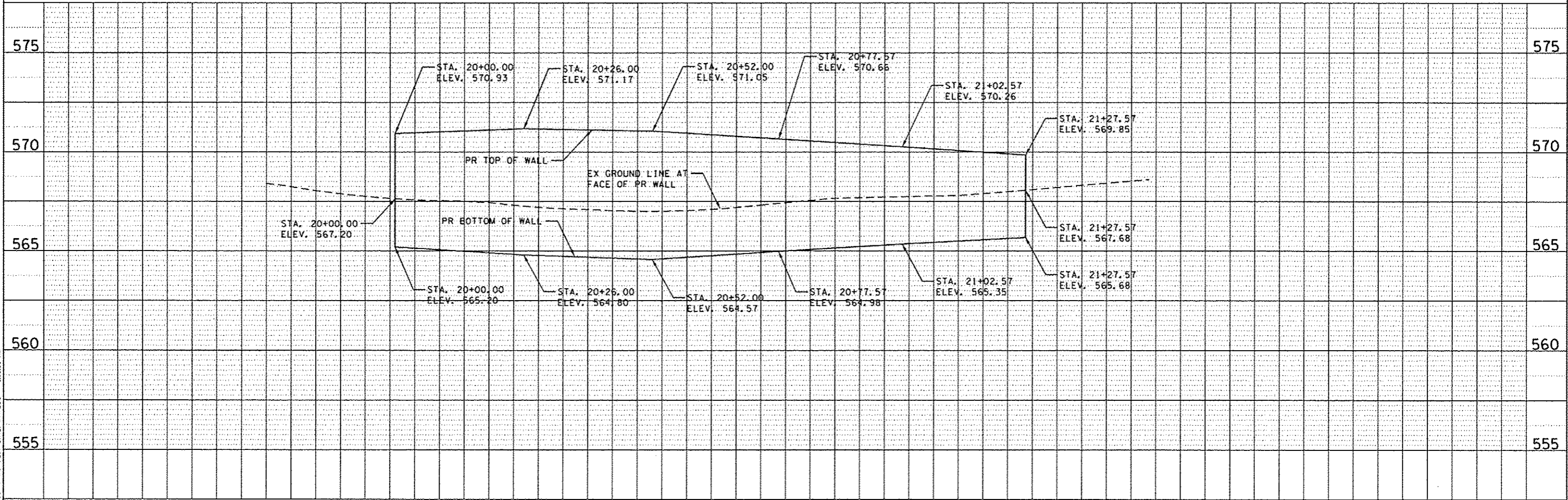


REVISIONS: REVISION NO. DATE DESCRIPTION 1 01-2013 2 3 4	DESIGNED - JWS/KMO DRAWN - JWS/KMO CHECKED - SJK DATE - 01-2013	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.0688 <small>SWANSEA - WARRINGTON - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small>	EXCEPTIONAL SERVICE. NOTHING LESS. BELLEVILLE ILLINOIS	CITY OF BELLEVILLE	RETAINING WALL DETAILS PLAN AND PROFILE - LOCATION 1 SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td></td> <td>10-00215-00-BT</td> <td>ST. CLAIR</td> <td>129</td> <td>69</td> </tr> <tr> <td colspan="5">CONTRACT NO. 97515</td> </tr> <tr> <td colspan="5">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		10-00215-00-BT	ST. CLAIR	129	69	CONTRACT NO. 97515					ILLINOIS FED. AID PROJECT				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
	10-00215-00-BT	ST. CLAIR	129	69																						
CONTRACT NO. 97515																										
ILLINOIS FED. AID PROJECT																										

PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE



PROFILE	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE



DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road
CHECKED - SJK	Swansea, Illinois 62226
DATE - 01-2013	Tel: 618.624.4488
	Fax: 618.624.0000
	SWANSEA - WASHINGTON - EDWARDSVILLE - ST. LOUIS - ST. CHARLES

TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.

Bellevoille
I-L-L-I-N-O-I-S

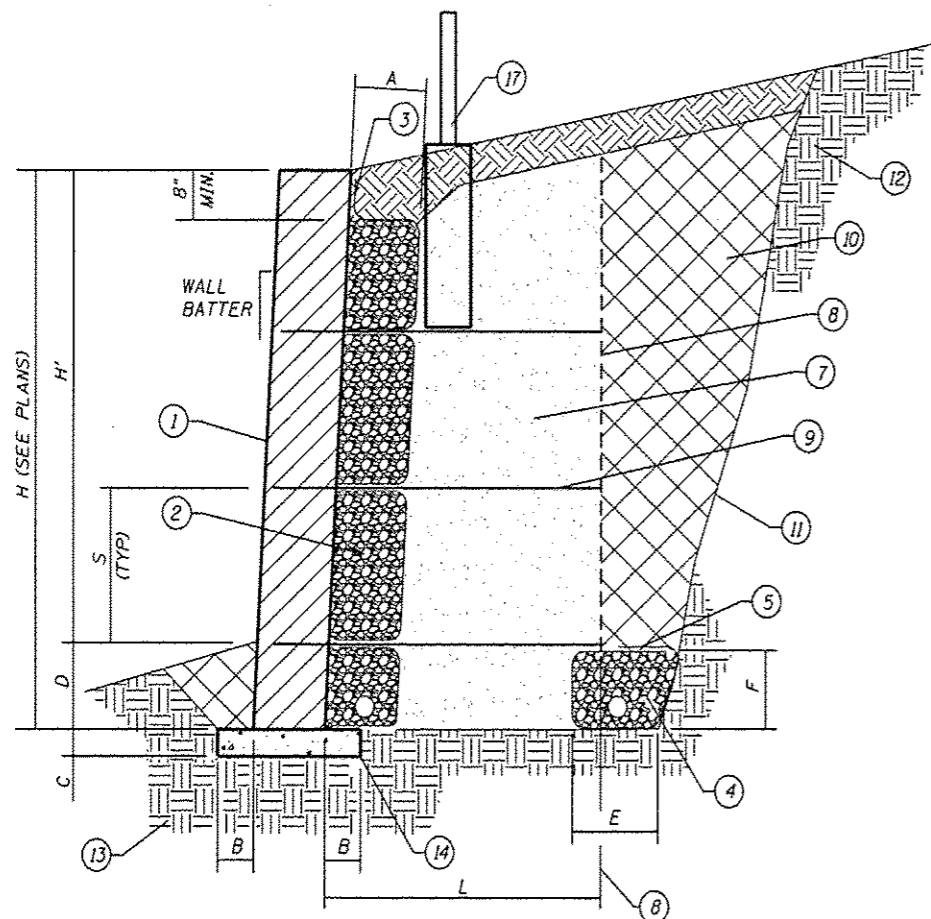
CITY OF BELLEVILLE

RETAINING WALL DETAILS
PLAN AND PROFILE - LOCATION 2

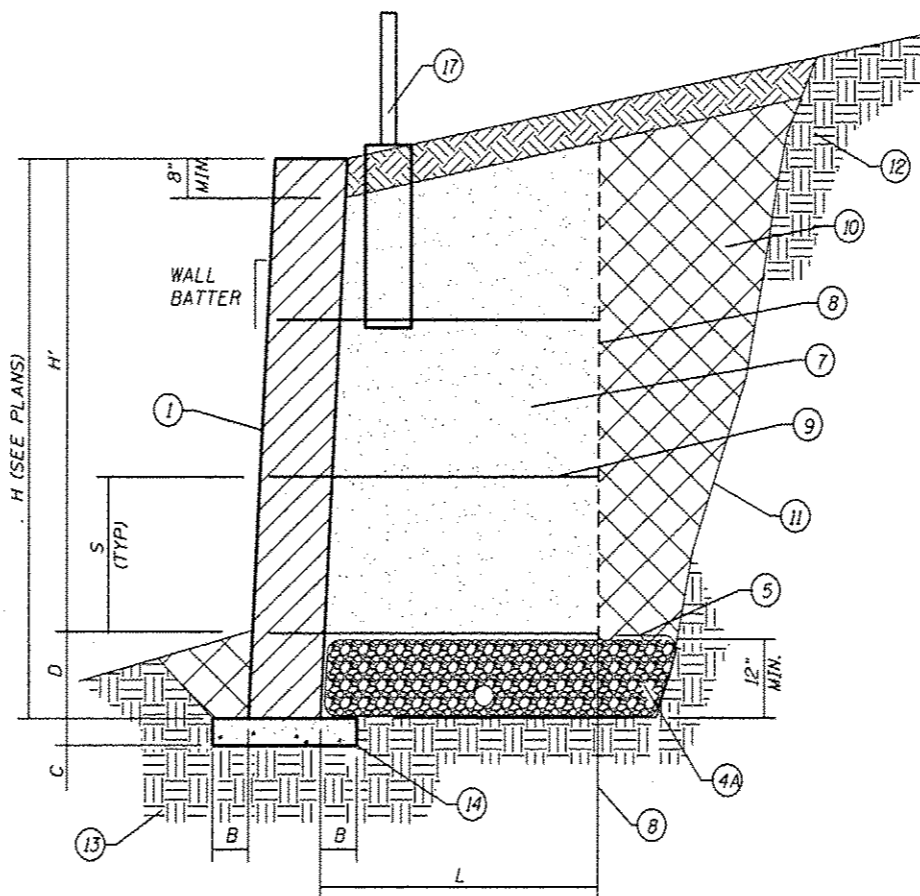
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	70
				CONTRACT NO. 97515
ILLINOIS FED. AID PROJECT				

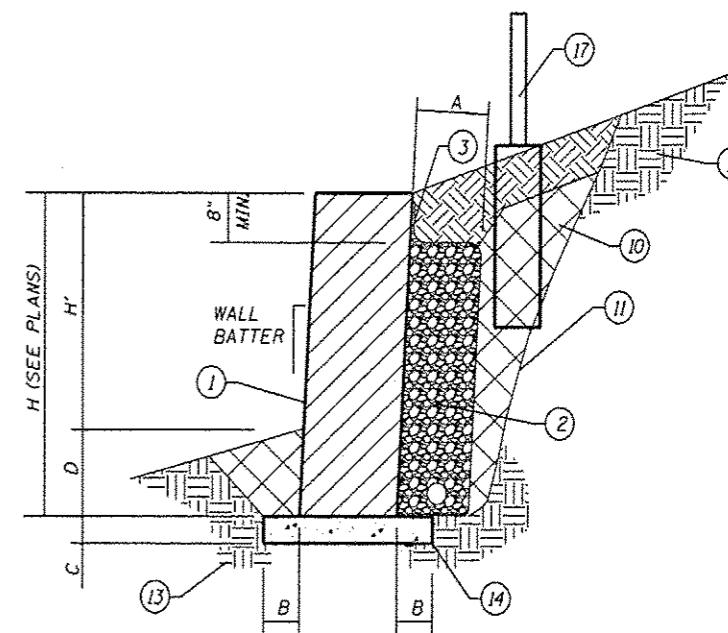
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MSE SRW DRAINAGE ALTERNATIVE 1



MSE SRW DRAINAGE ALTERNATIVE 2



GENERIC SRW GRAVITY WALL SECTION

GENERIC MSE SRW SECTIONS

GENERIC WALL SECTION NOTES

- ① CONCRETE SRW UNITS.
- ② SRW UNIT DRAINAGE SYSTEM SHALL CONSIST OF DRAINAGE FILL ENTIRELY WRAPPED IN FILTER FABRIC AND A 4" PERFORATED PIPE AS SHOWN.
- ③ LAP FILTER FABRIC FIRMLY AGAINST SRW UNITS AND 6" ABOVE THE DRAINAGE FILL.
- ④ MINIMUM RETAINED FILL DRAINAGE SHALL BE A 4" PERFORATED PIPE WITHIN 18"x18" DRAINAGE FILL CONTINUOUS THE ENTIRE LENGTH OF THE WALL AND ENTIRELY WRAPPED WITH FILTER FABRIC.
- ④A ALTERNATIVE 2 DRAINAGE SYSTEM SHALL CONSIST OF DRAINAGE FILL WRAPPED ENTIRELY IN FILTER FABRIC AND A 4" PERFORATED PIPE AND SHALL EXTEND FROM THE BACK OF THE SRW UNITS TO THE EXCAVATION LIMIT.
- ⑤ LAP THE FILTER FABRIC 8" MINIMUM OVER THE TOP AND AT ENDS OF ADJACENT SHEETS.
- ⑥ NOT USED
- ⑦ REINFORCED BACKFILL
- ⑧ LIMIT OF REINFORCED BACKFILL. ENTIRELY WRAP THE REINFORCED BACKFILL WITH FILTER FABRIC WHEN THE REINFORCED BACKFILL IS A GAP GRADED COURSE AGGREGATE AND HAS LESS THAN 30% PASSING THE NO. 4 SIEVE.
- ⑨ BACKFILL REINFORCEMENT. THE BACKFILL REINFORCEMENT SHALL BE CONTINUOUS WITHOUT GAP ALONG THE LENGTH OF WALL THAT REQUIRES BACKFILL REINFORCEMENT. THE BACKFILL REINFORCEMENT SHALL BE ONE PIECE FULL LENGTH (NO SPLICES) FROM THE POINT OF CONNECTION TO THE SRW UNITS TO THE LIMIT OF THE REINFORCED FILL BEHIND THE WALL.

- ⑩ COMPACTED EMBANKMENT, WHERE SPECIFIED BY THE RETAINING WALL ENGINEER.
- ⑪ EXCAVATION LIMITS.
- ⑫ EXISTING EMBANKMENT.
- ⑬ FOUNDATION SOIL.
- ⑭ LEVELING PAD.
- ⑮ NOT USED
- ⑯ DRAIN PIPES SHALL BE SLOPED 1/8" PER FOOT MINIMUM AND SHALL BE DISCHARGED EVERY 100 FEET MAXIMUM AT LOW POINTS ALONG THE TOE OF THE WALL.
- ⑰ FENCE POST DETAILS TO BE DETERMINED BY THE RETAINING WALL ENGINEER.

ADDITIONAL NOTES

ALL VOIDS IN OR BETWEEN SRW UNITS SHALL BE FILLED WITH DRAINAGE BACKFILL MATERIAL.

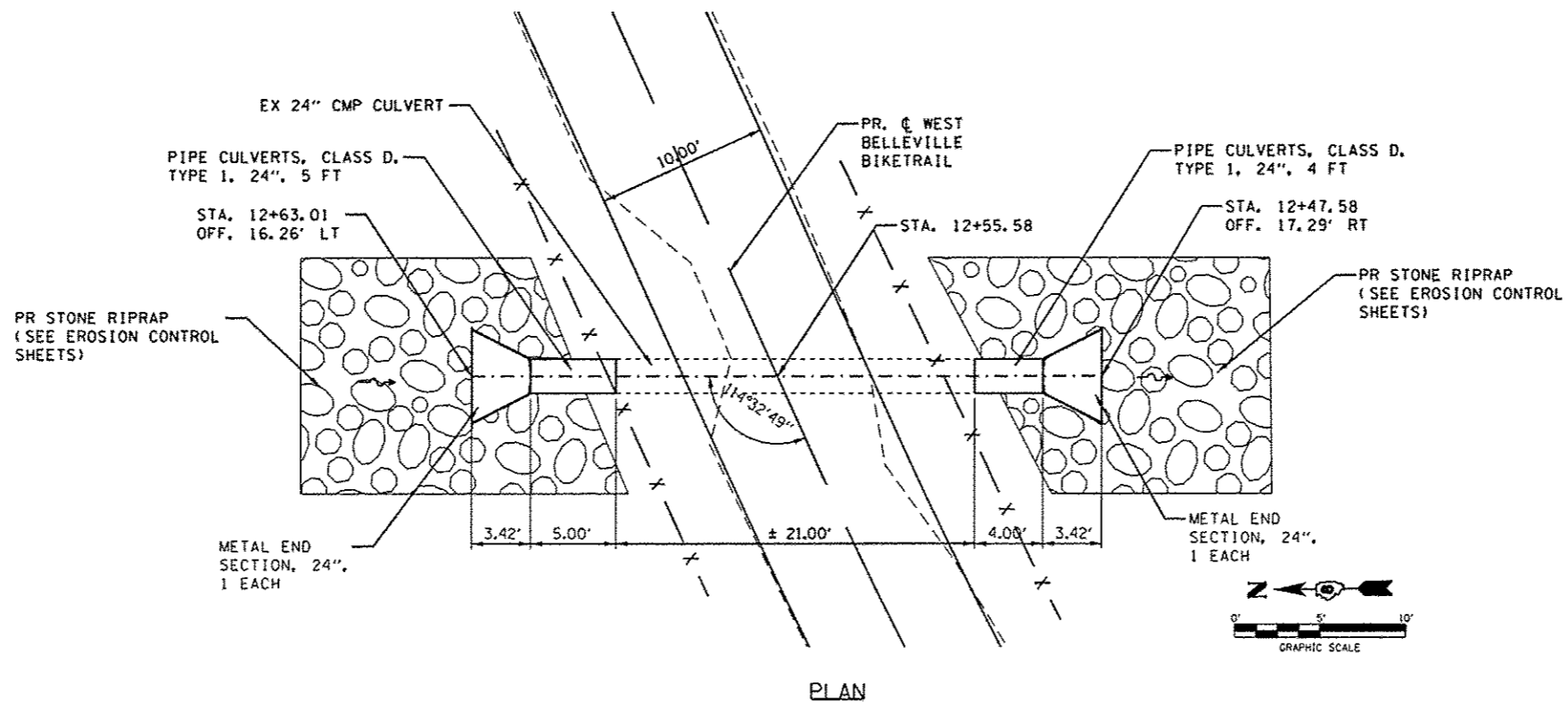
THE DRAINAGE DETAILS ARE MINIMUM REQUIREMENTS. THE RETAINING WALL ENGINEER SHALL APPROVE THE USE OF THESE MINIMUMS, OR SHALL SPECIFY DRAINAGE OF GREATER EXTENT AND CAPACITY, OR SPECIFY ITEMS IN ADDITION TO THE MINIMUMS SUCH AS DRAINAGE GEO. COMPOSITES BEHIND THE REINFORCED BACKFILL. MSE WALL DRAINAGE ALTERNATIVES MAY BE OMITTED FROM MSE WALLS WHEN THE REINFORCED BACKFILL IS DRAINAGE FILL, IS ENTIRELY WRAPPED IN FILTER FABRIC, AND CONTAINS A 4" PERFORATED DRAIN PIPE.

GENERIC WALL SECTION DIMENSIONS	
A	12" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
B	6" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
C	6" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
D	WHICHEVER IS GREATER: 24" OR THAT SPECIED BY THE RETAINING WALL ENGINEER
E	18" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
F	18" MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
L	.5 H MINIMUM, GREATER IF REQUIRED BY THE RETAINING WALL ENGINEER
S	24" MAXIMUM
WALL BATTER	AS REQUIRED BY THE RETAINING WALL ENGINEER

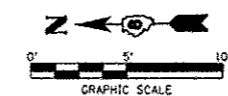
SOIL DESIGN PARAMETERS			
SOIL	ANGLE OF INTERNAL FRICTION	UNIT WEIGHT (pcf)	BEARING CAPACITY (1sf)
REINFORCED BACKFILL	34°	120	N/A
RETAINED FILL	28°	120	N/A
FOUNDATION SOIL		N/A	

NOTE: COHESION SHALL BE ASSUMED TO BE 0 FOR RETAINED FILL AND FOUNDATION SOIL.

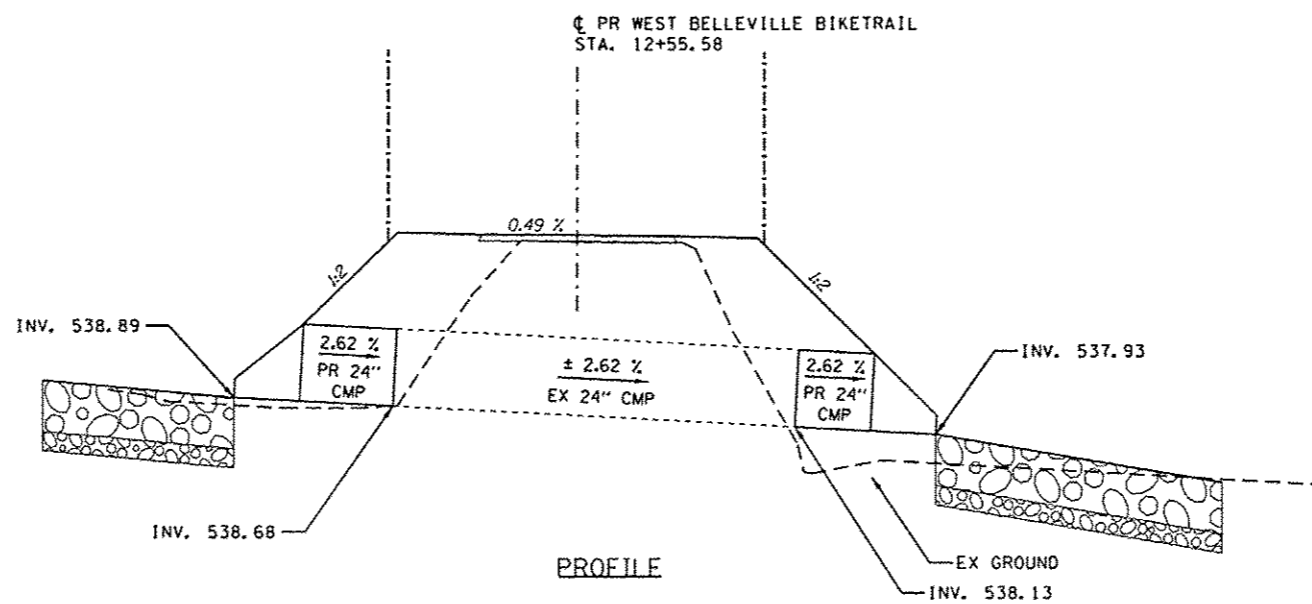
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PLAN



NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PROFILE

PLOT SCALE: 1/8" = 10' PLOT DATE: 1/14/2013 9:54:00 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Sarasota, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6888
CHECKED - SJK	SWANSEA WATER TREATMENT PLANT - ST. LOUIS - ST. CLAIR
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

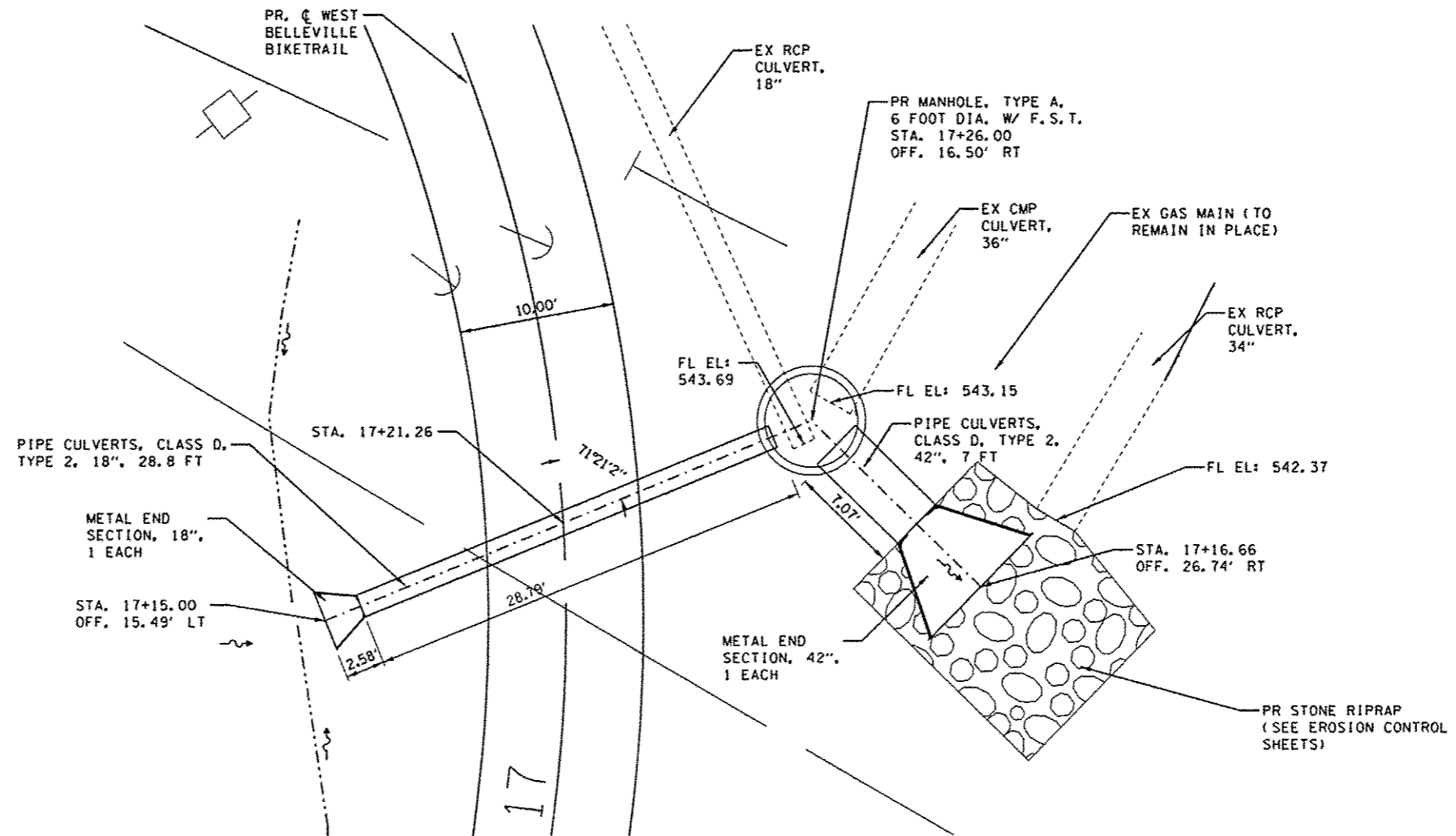


CITY OF BELLEVILLE

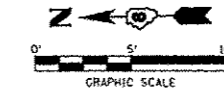
PIPE CULVERT DETAILS
STA. 12 + 55.58

SCALE: 1" = 10' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	72
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

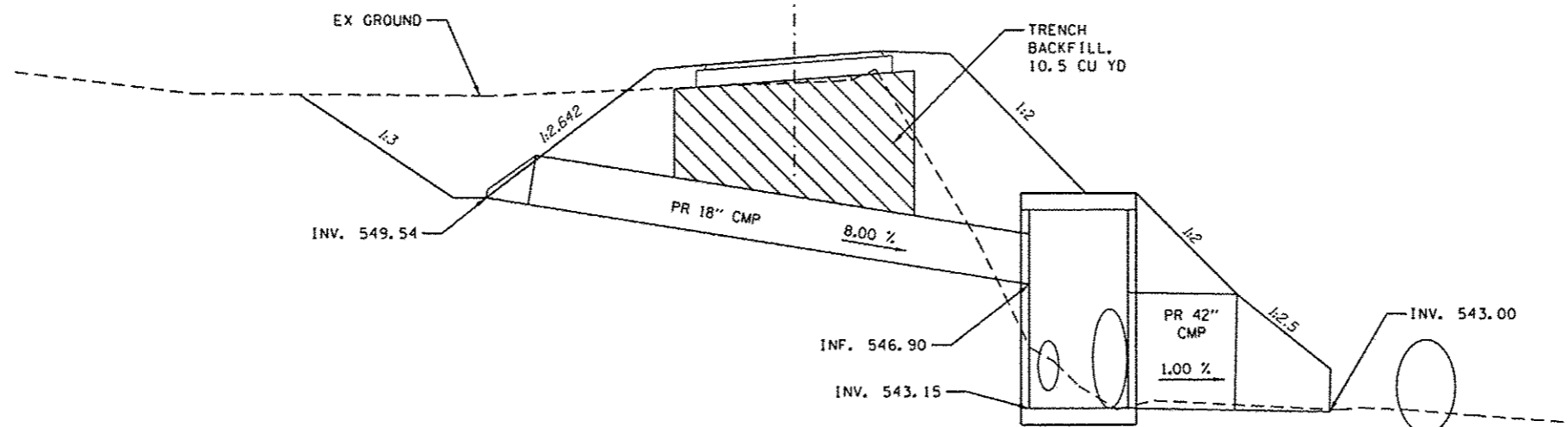


PLAN



PR WEST BELLEVILLE BIKETRAIL
STA. 17+21.26

NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PLOT SCALE: 10.0000" = 1" PLOT DATE: 1/14/2013 9:54:01 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 City Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - HALLS CROSS - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

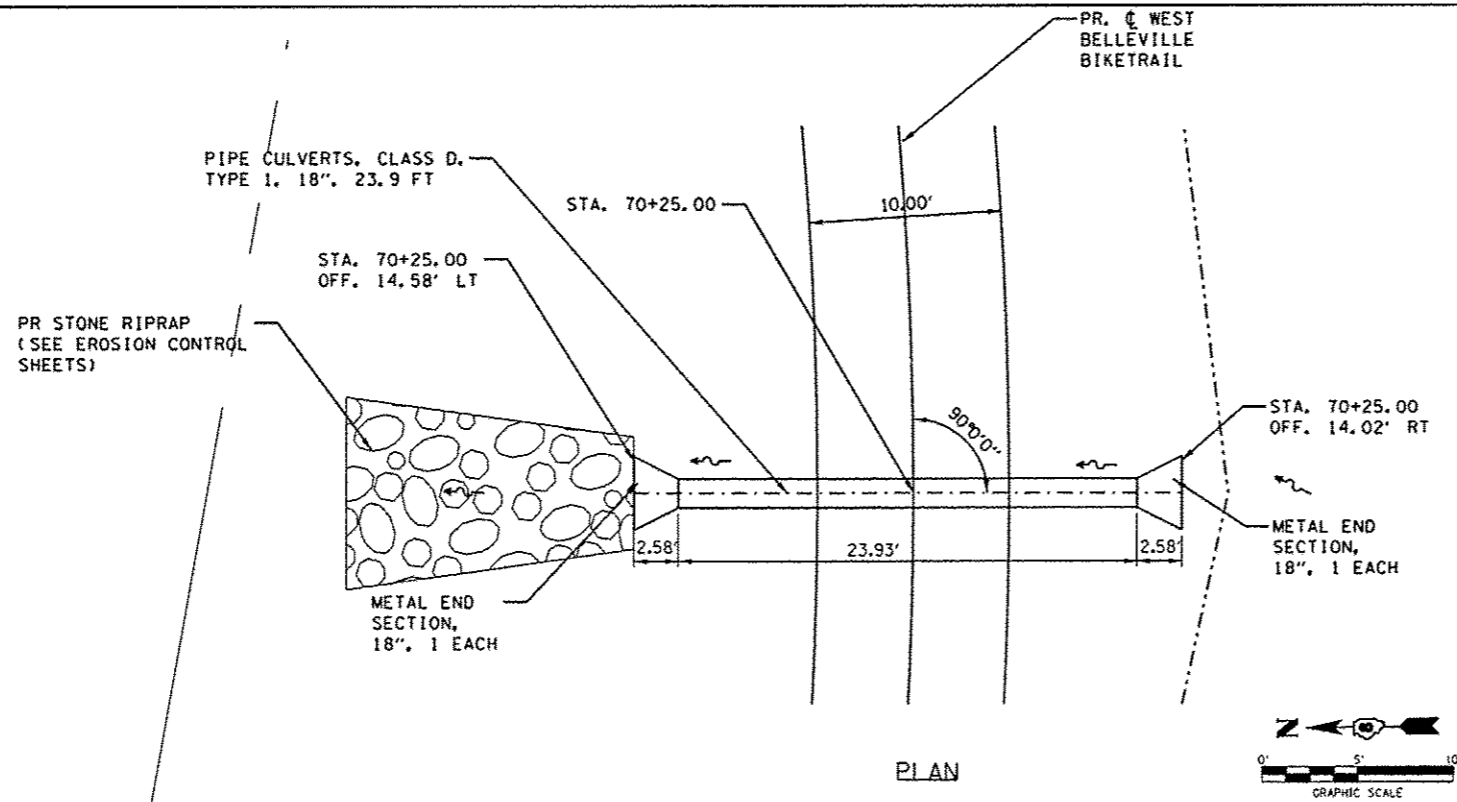
Belleville
I-L-L-I-N-O-I-S

CITY OF BELLEVILLE

PIPE CULVERT DETAILS
STA. 17 + 21.26

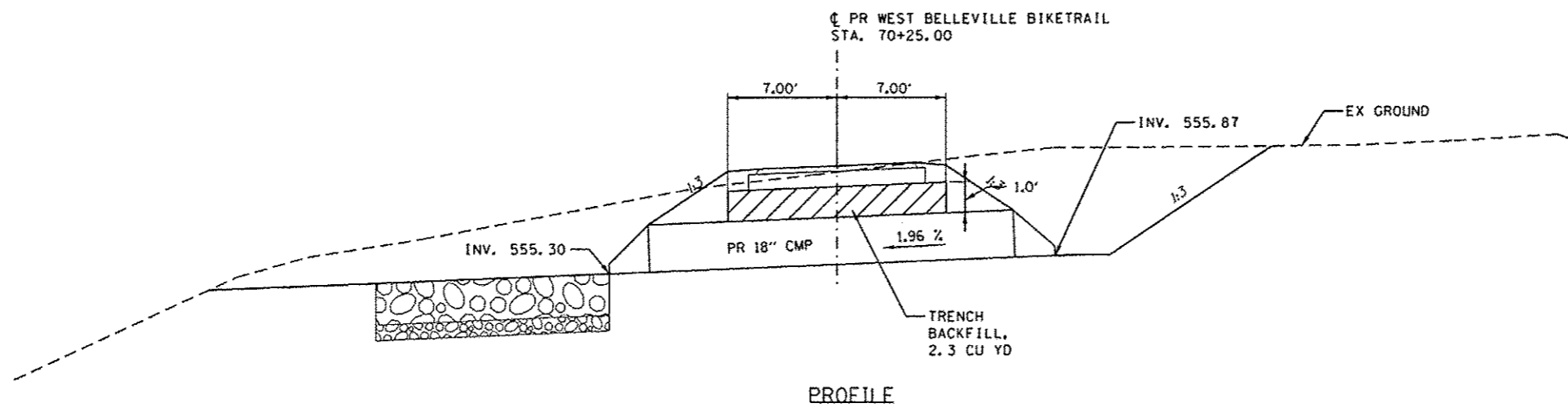
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	73
CONTRACT NO. 97515				
[ILLINOIS] FED. AID PROJECT				



PLAN

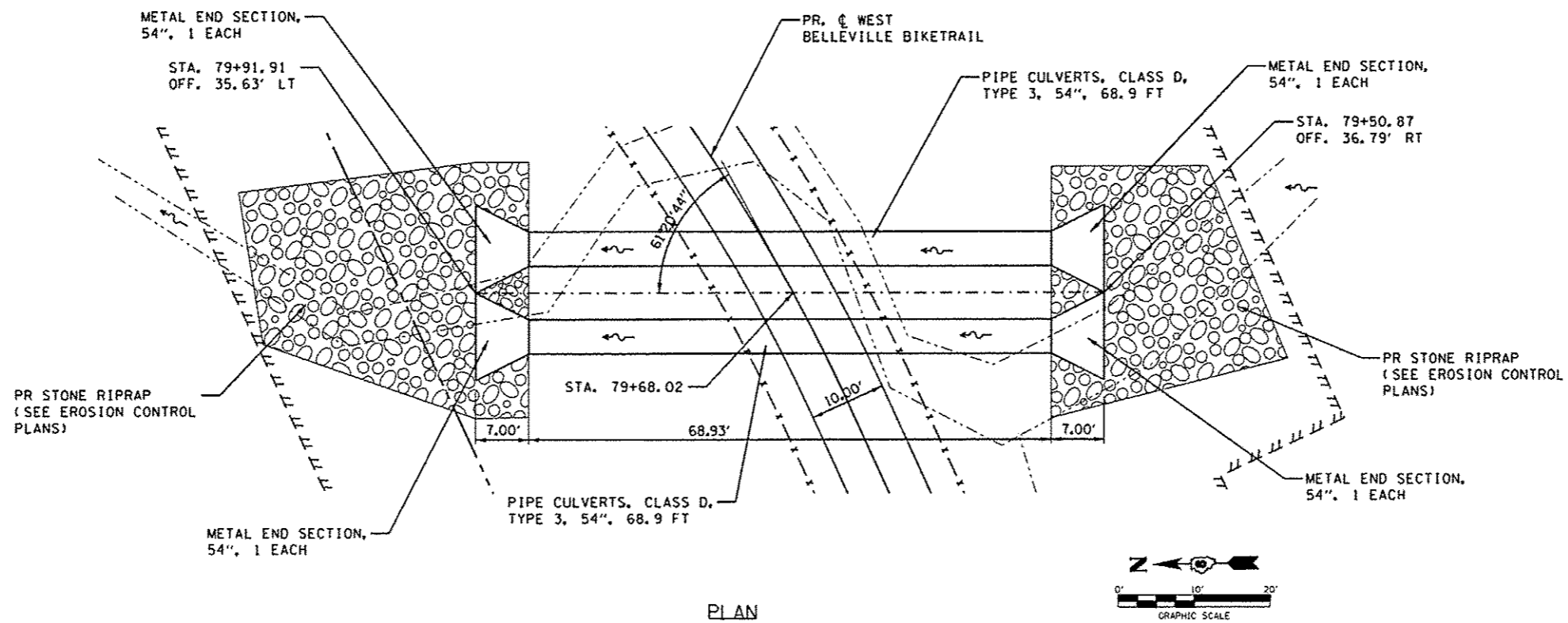
NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PROFILE

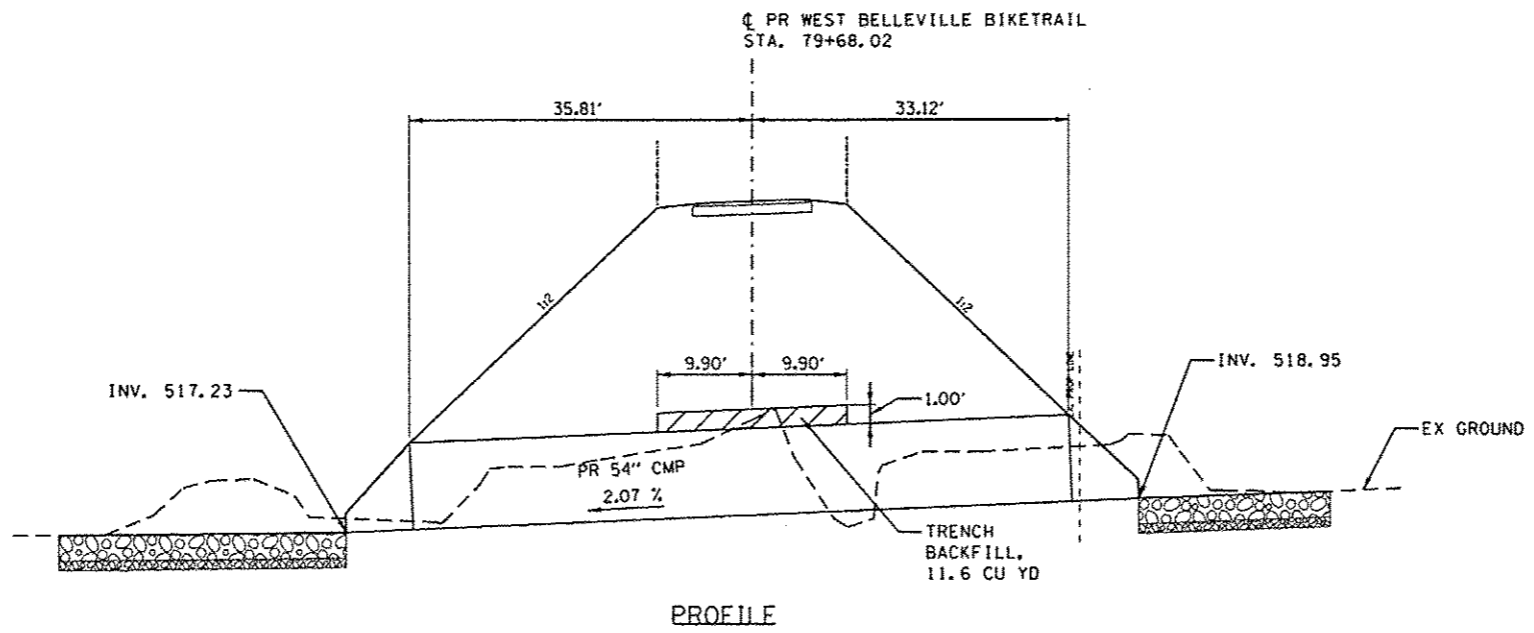
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC. <small>SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES</small> CITY OF BELLEVILLE <small>I - L - L - I - N - O - I - S</small>	PIPE CULVERT DETAILS STA. 70 + 25.00		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - JWS/KMO				10-00215-00-BT	ST. CLAIR	129	74		
CHECKED - SJK		SCALE: 1" = 10'		SHEET NO. 3 OF 6 SHEETS		STA.	TO STA.		CONTRACT NO. 97515
DATE - 01-2013								ILLINOIS FED. AID PROJECT	



PLAN

NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PROFILE

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DESIGNED - JWS/KMO	REVISIONS
DRAWN - JWS/KMO	REVISIONS
CHECKED - SJK	REVISIONS
DATE - 01-2013	REVISIONS

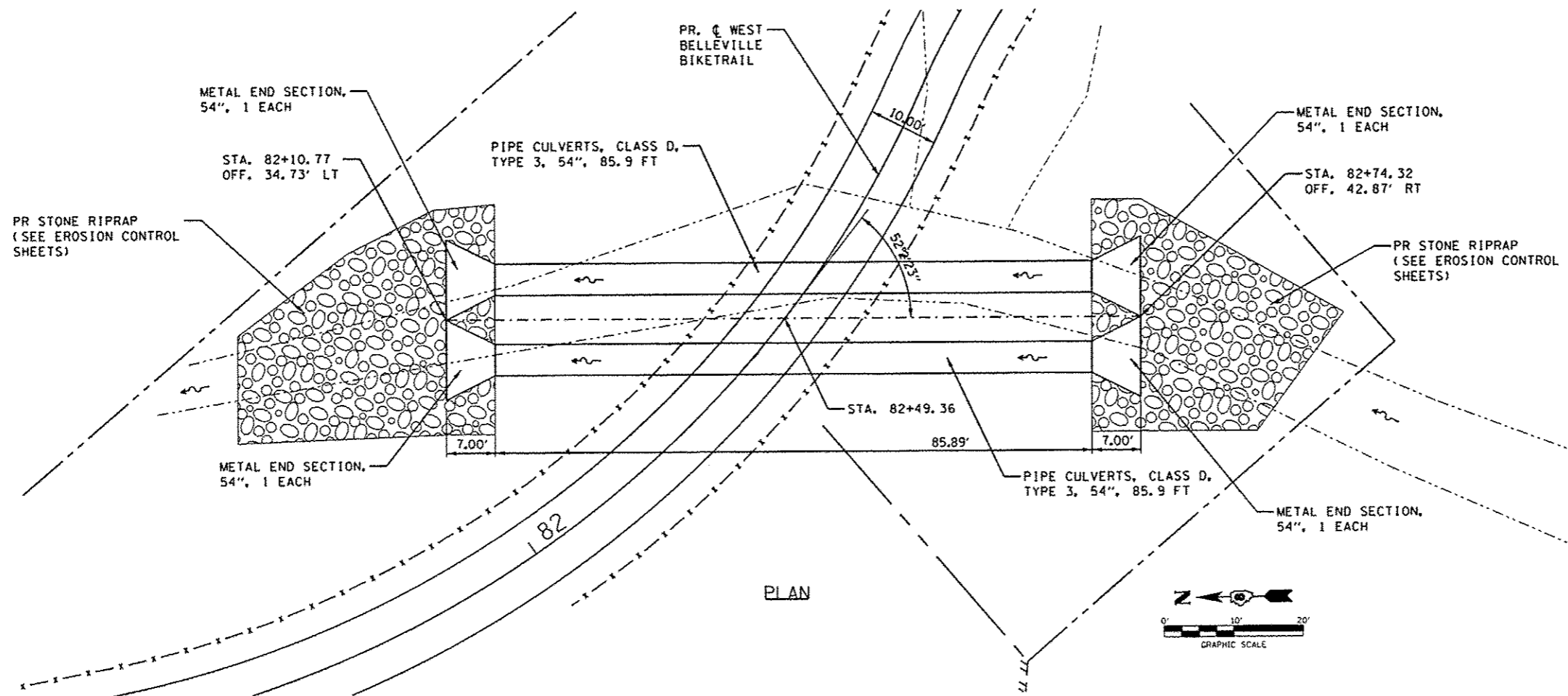
THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6688
 SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES



CITY OF BELLEVILLE

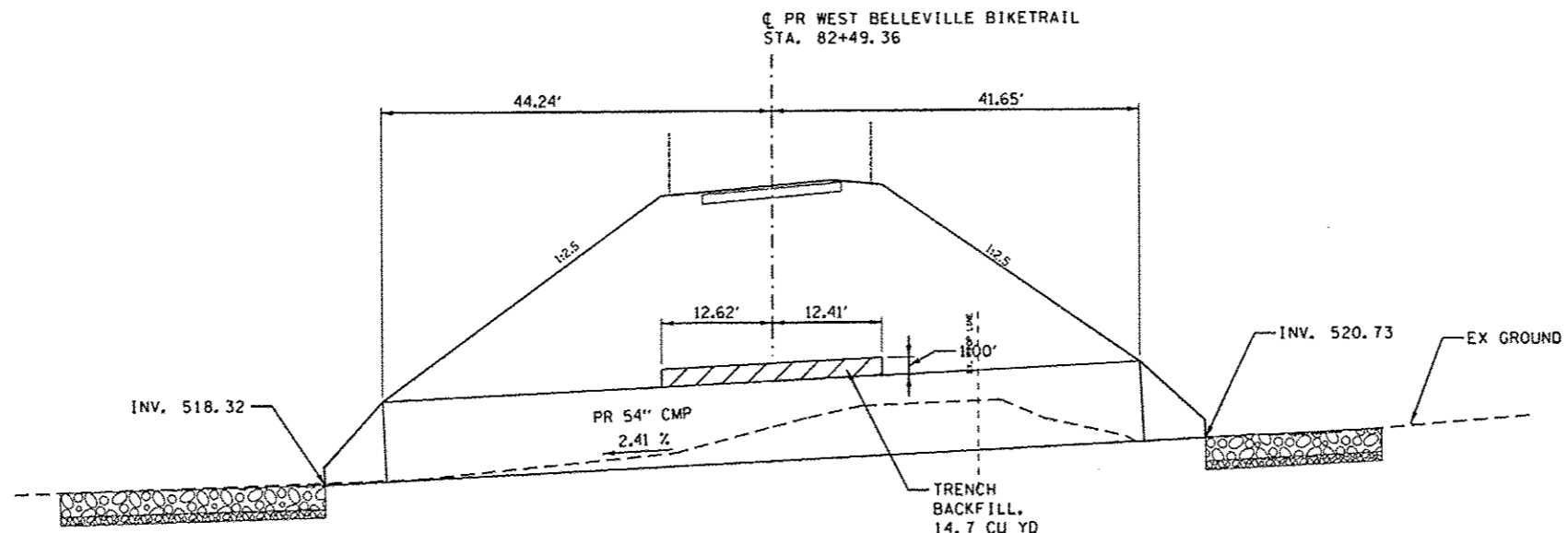
PIPE CULVERT DETAILS	
STA. 79 + 68.02	
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STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	75
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLAN

NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PROFILE

PLOT SCALE: 20,0000' / 1" PLOT DATE: 1/14/2013 9:54:04 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	CORPORATE OFFICE 4940 Old Collinsville Road Swansoo, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6088
CHECKED - SJK	SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

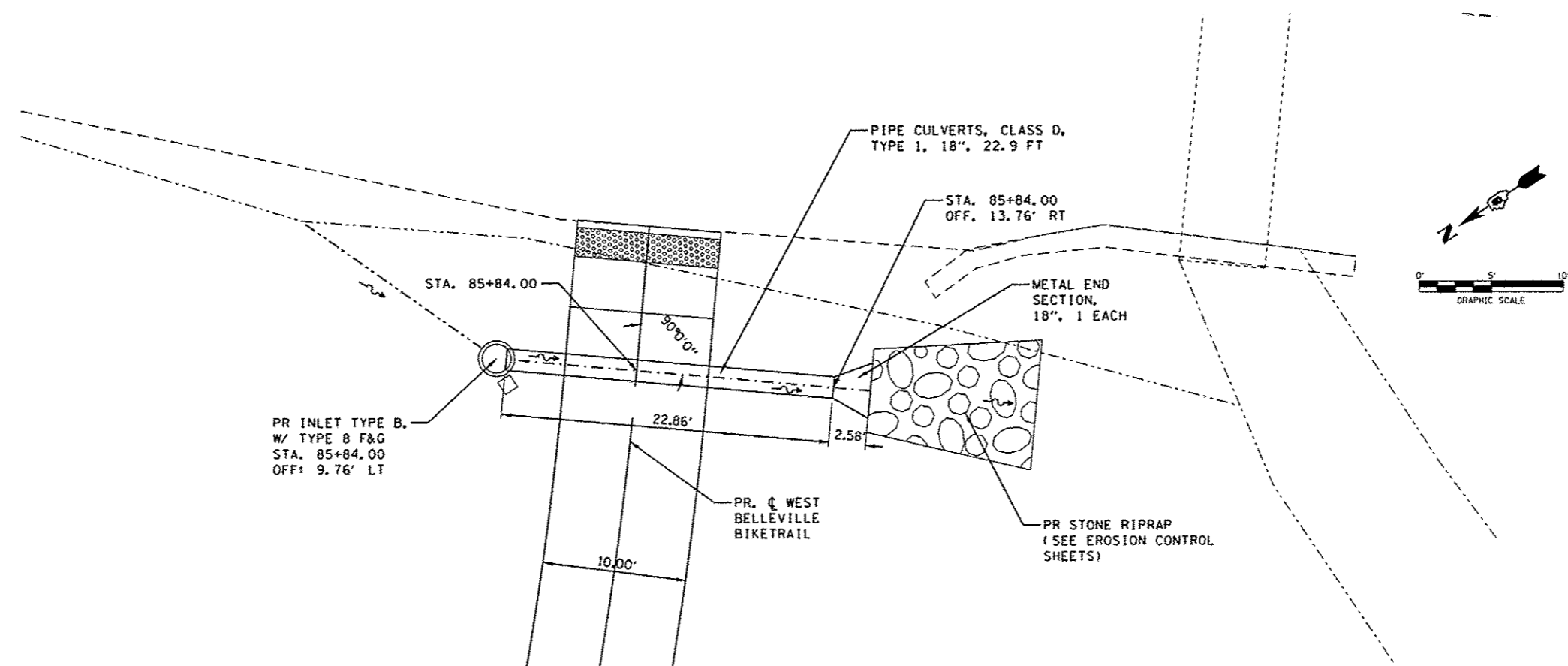
TWM
EXCEPTIONAL SERVICE.
NOTHING LESS.



CITY OF BELLEVILLE

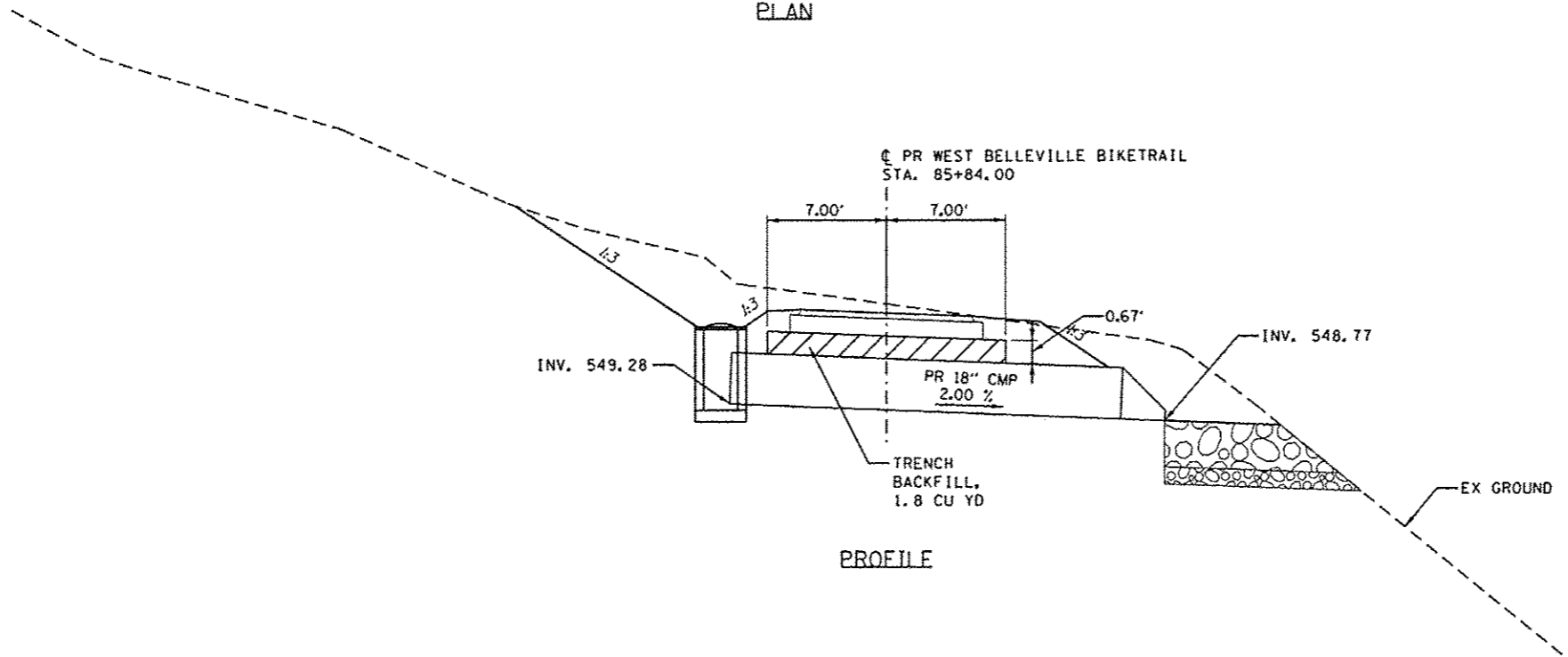
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STA. 82+49.36	
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STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	76
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLAN

NOTES:
SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



PROFILE

PLOT SCALE: 10,000 / 1" PLOT DATE: 1/14/2013 9:54:04 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Svanson, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	STANFORD - MATHEW - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

TWM
EXCEPTIONAL SERVICE. NOTHING LESS.

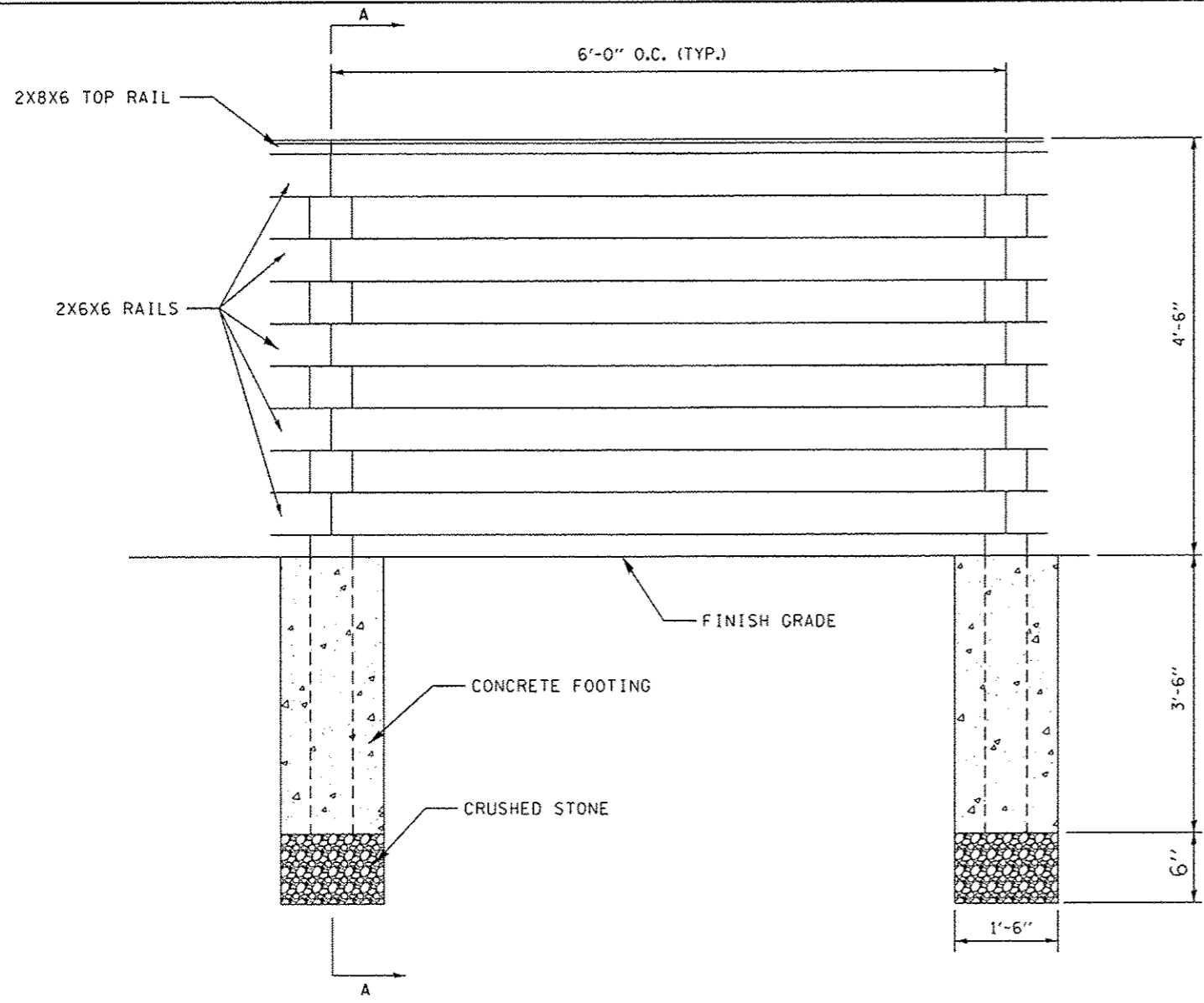
Belleville
I L L I N O I S

CITY OF BELLEVILLE

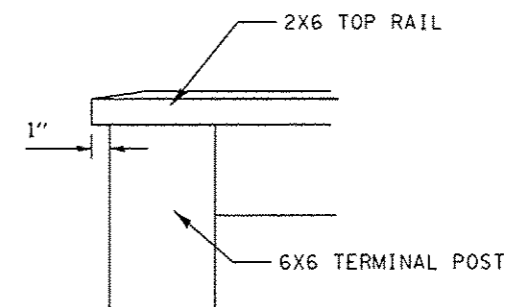
PIPE CULVERT DETAILS
STA. 85 + 84.00

SCALE: 1" = 10' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

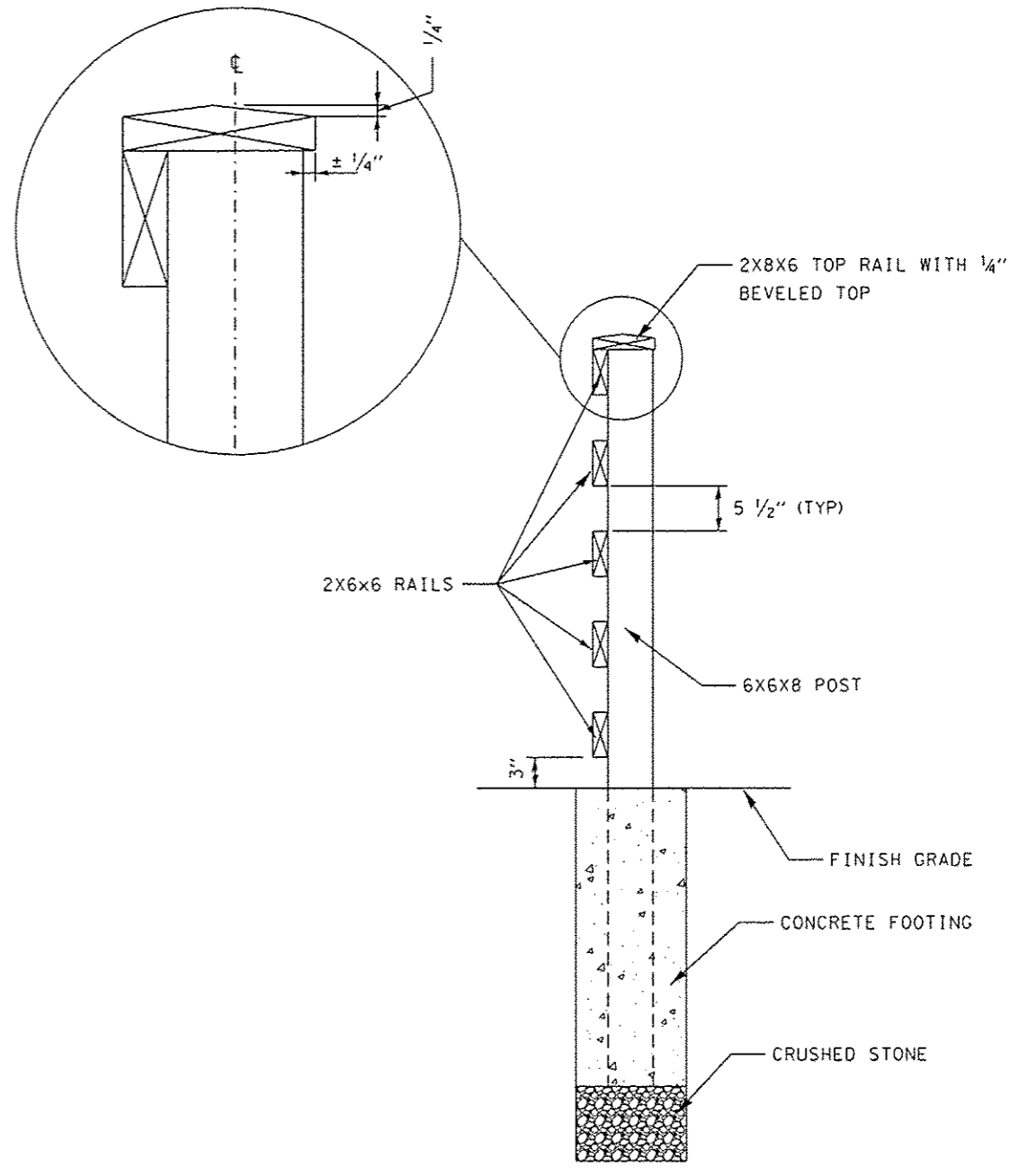
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	10-00215-00-BT	ST. CLAIR	129	77
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



ELEVATION



TERMINAL POST ELEVATION



SECTION A-A

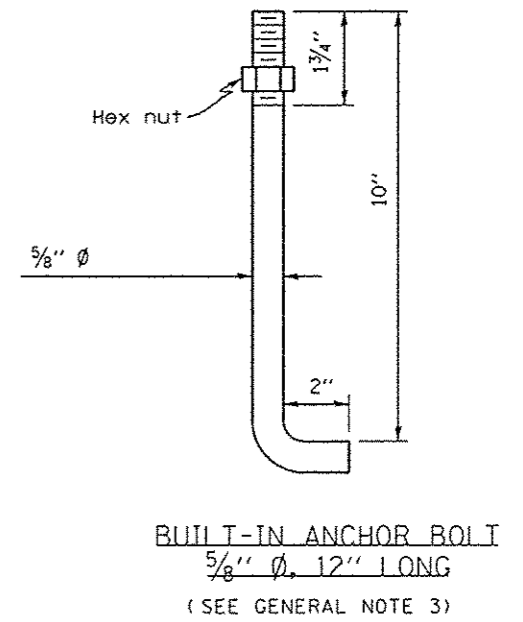
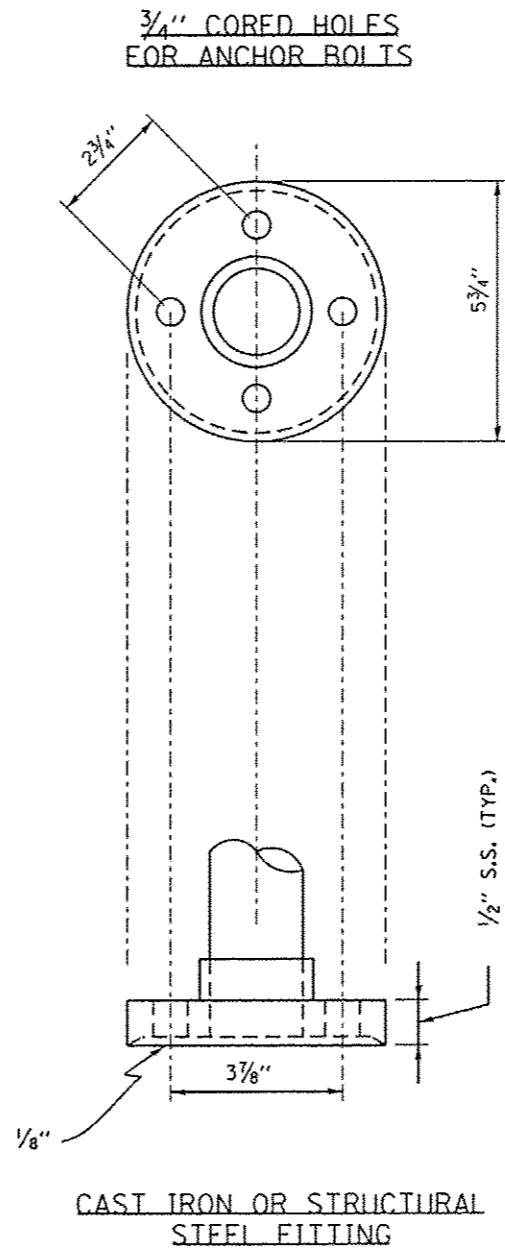
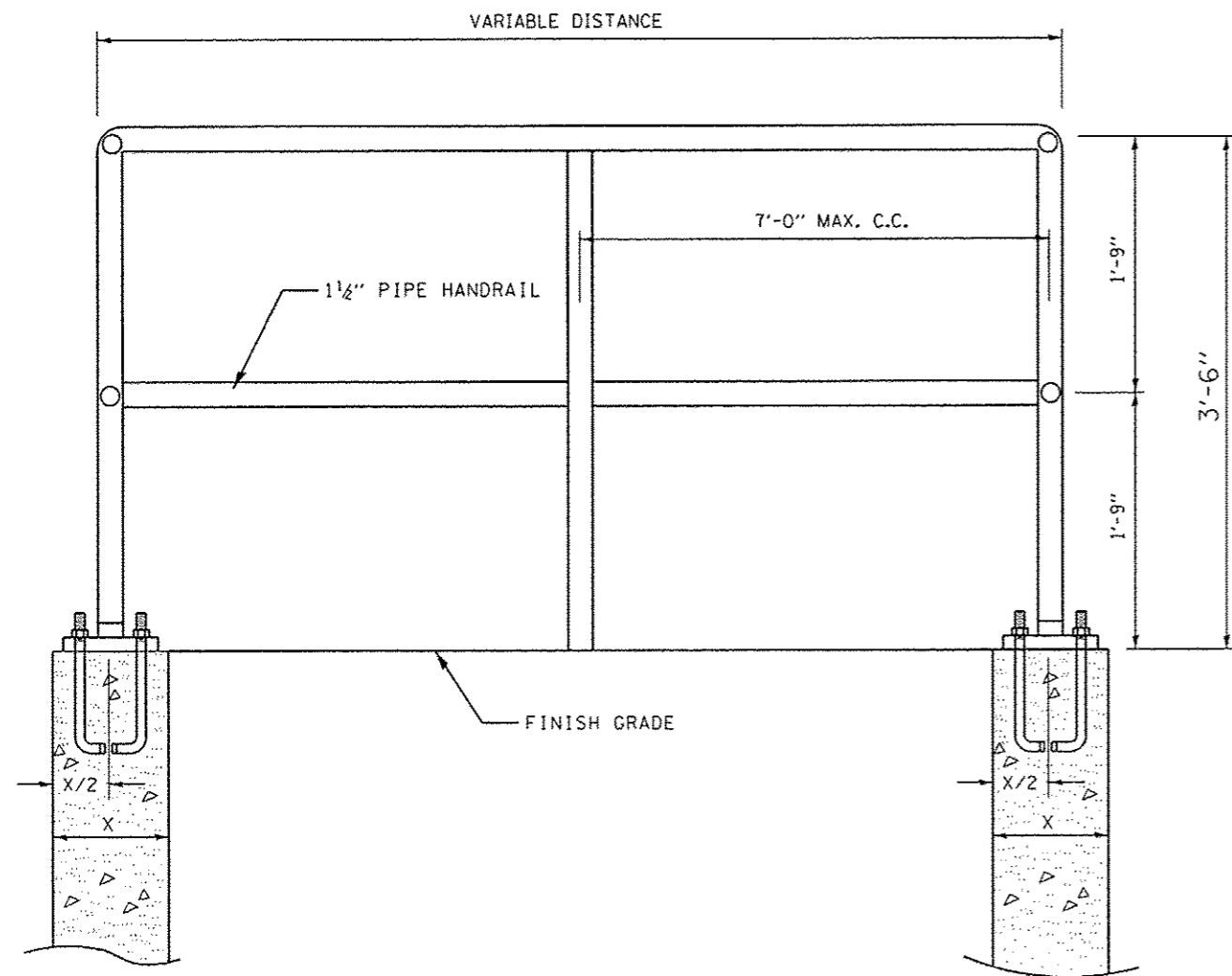
GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE LAYOUT WITH ENGINEER PRIOR TO INSTALLATION.
2. ALL LUMBER SHALL BE PRESSURE TREATED NO. 1 SOUTHERN PINE.
3. ALL SCREWS SHALL BE #10 X 3".
4. ATTACH RAILS WITH 3 SCREWS AT EACH POST.

PLOT SCALE: 10.0000 / IN. PLOT DATE: 1/17/200 8:54:05 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.	CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688	TWM EXCEPTIONAL SERVICE. NOTHING LESS.	Belleville ILLINOIS	CITY OF BELLEVILLE	WOOD POST AND RAIL FENCE DETAIL	F.A. RTE.	SECTION 10-00215-00-BT	COUNTY ST. CLAIR	TOTAL SHEETS 129	SHEET NO. 78
REVISOR -	DRAWN - JWS/KMO	SWANSEA WAHLEOOD - EDWARDSVILLE - ST. LOUIS - ST. CHARLES				SCALE: NONE	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 97515 ILLINOIS FED. AID PROJECT		
REVISOR -	CHECKED - SJK										
REVISOR -	DATE - 01-2013										

FILE NAME: P:\106814-CADD - DWG\4-2-TR\Sheets\F068-d11.wood_handr.dgn



GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE RAIL POST LAYOUT WITH RAIL MANUFACTURER.
2. THE CONTRACTOR SHALL FIELD VERIFY PROPOSED RAIL LAYOUT WITH WALLS (WHERE NECESSARY) PRIOR TO CONSTRUCTION AND ORDERING OF MATERIAL, INCLUDING HORIZONTAL AND VERTICAL DIMENSIONS.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING AND MANUFACTURING MATERIALS.
4. RAILING SHALL BE IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED.
5. PIPE MATERIAL SHALL CONFORM TO ASTM A53.
6. ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 270 GRADE 36.
7. ALL POSTS RAILING SPLICES, ANCHOR DEVICES AND BENT PLATES SHALL BE CLEANED AND PAINTED AFTER SHOP FABRICATION IN ACCORDANCE WITH SECTION 506 OF THE STANDARD SPECIFICATIONS. COLOR OF PAINT SHALL BE BLACK.
8. EXPANSION JOINTS SHALL BE PLACED AT A MAXIMUM OF 40' CTS. THE EXPANSION JOINTS SHALL NOT HAVE ANY PROTRUSIONS FROM THE RAILING SURFACE AND SHALL PROVIDE FOR A SMOOTH RAIL ALONG ITS ENTIRE LENGTH.
9. RAILING POST INSTALLATION AT THE TOP OF THE RETAINING WALL (WHERE NECESSARY) PROVIDING THE BARRIER TO A RESIDENCE SHALL BE INSTALLED PER THE WALL MANUFACTURER'S RECOMMENDATIONS.

PLOTTED BY: 12/18/13 PLOT DATE: 1/14/2013 9:56:08 AM
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DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62126 Tel: 618.624.4488 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - WAITEMPOU - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	EXCEPTIONAL SERVICE. NOTHING LESS.

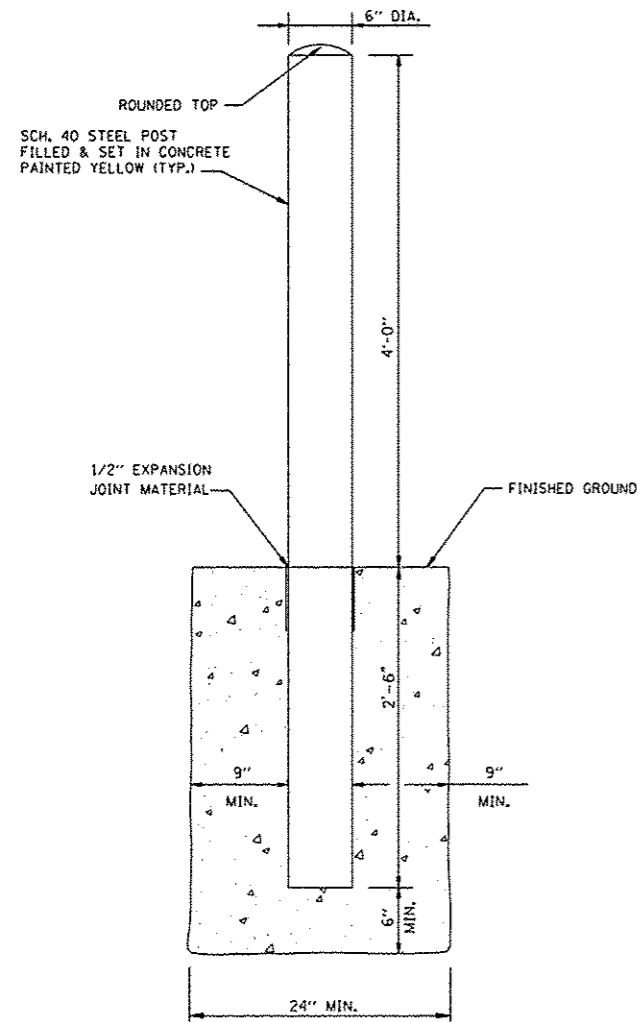
TWM
CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62126
Tel: 618.624.4488
Fax: 618.624.6688

Bellevoille
ILLINOIS

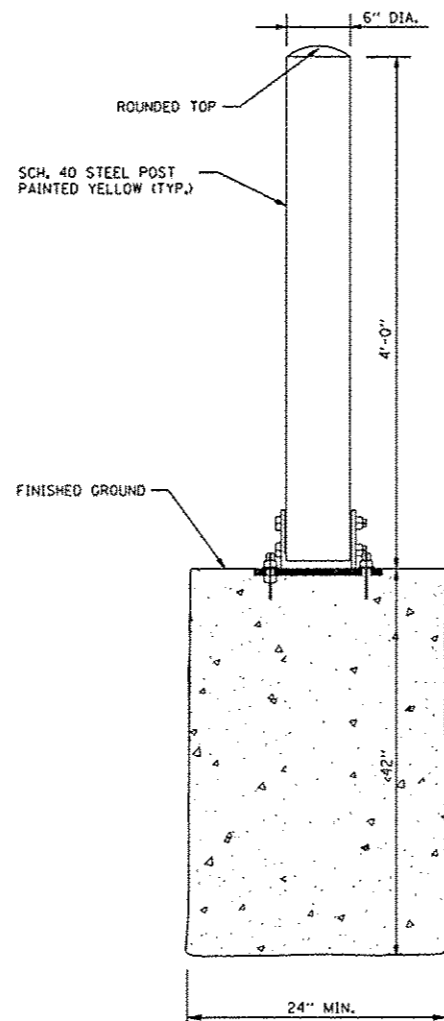
CITY OF BELLEVILLE

PIPE HANDRAIL DETAILS	
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS
STA.	TO STA.

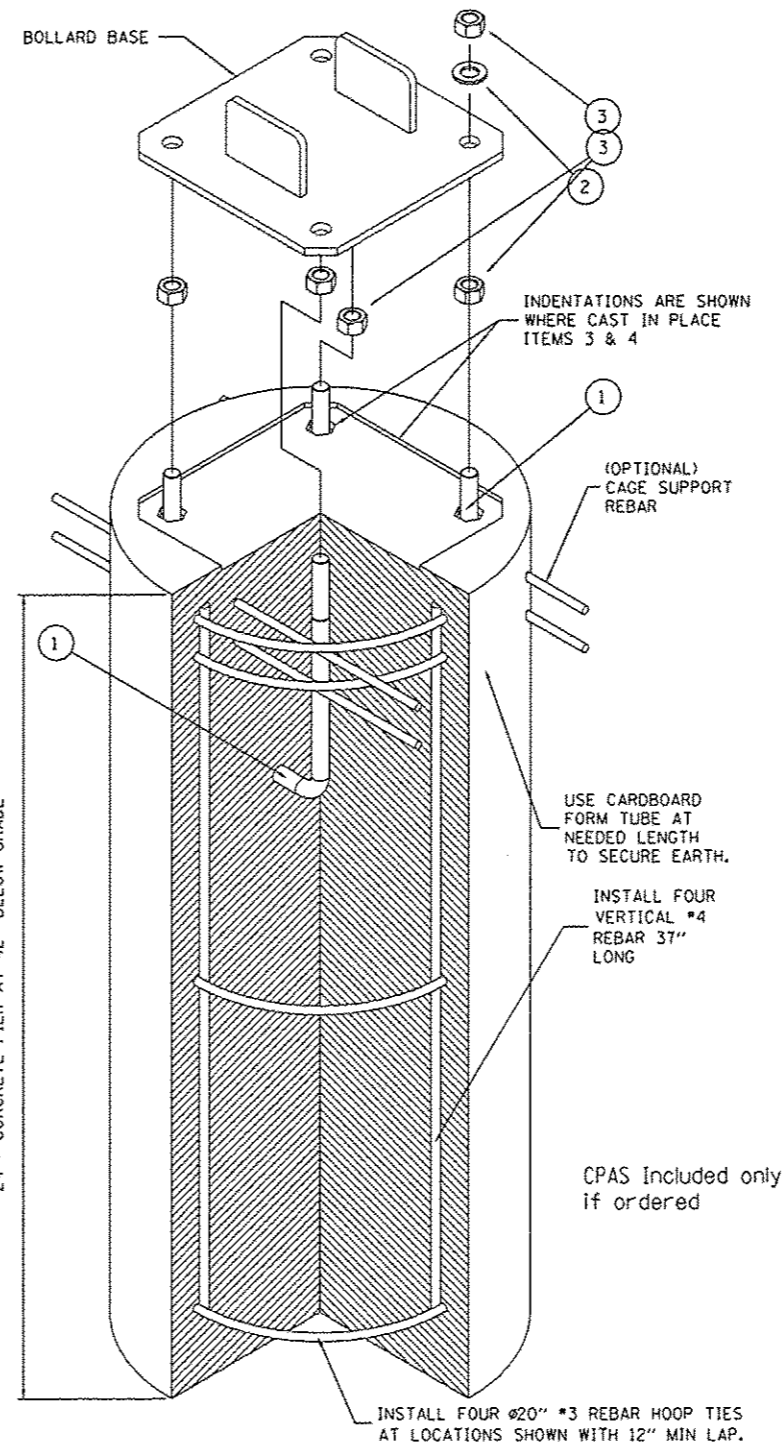
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	79
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



6" DIAMETER BOLLARD DETAIL



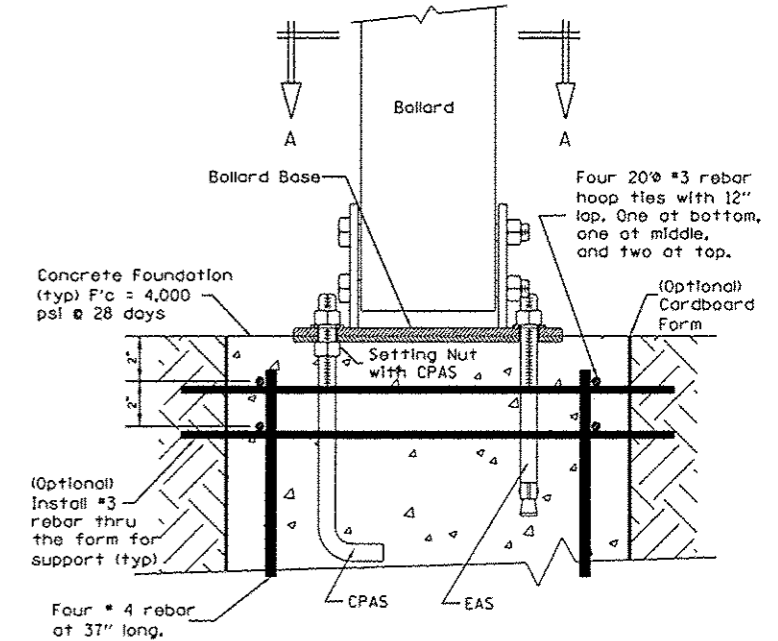
FOLD DOWN BOLLARD DETAIL



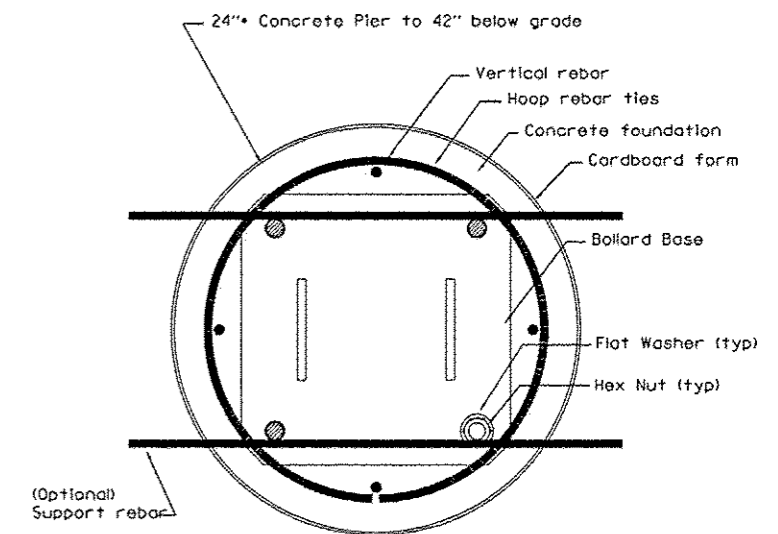
CONCRETE PIER ANCHOR SYSTEM (CPAS)

BILL OF MATERIAL		
ITEM PART #	DESCRIPTION	QTY.
• 9001	CPAS KIT - INCLUDES THE FOLLOWING PART NUMBERS	•
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2	0007 $\phi 3/4"$ TYPE A FLAT NARROW WASHER GALVANIZED STEEL	4
3	0006 $\phi 3/4"$ HEX NUT GALVANIZED STEEL	8

NOTE: CONCRETE, FORM AND REBAR PROVIDED BY OTHERS



Front Elevation Section



Plan Section "A-A"

PLOT SCALE: 0.0000' / 1" PLOT DATE: 1/14/2013 9:54:07 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6088
CHECKED - SJK	SWANSEA - MATTHEW • EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-2013	

THOUVENOT, WADE & MOERCHEN, INC.
4940 Old Collinsville Road
Swansea, Illinois 62226
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Fax: 618.624.6088
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CORPORATE OFFICE
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
Fax: 618.624.6088

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EXCEPTIONAL SERVICE.
NOTHING LESS.

Belleville
I - L - L - I - N - O - I - S

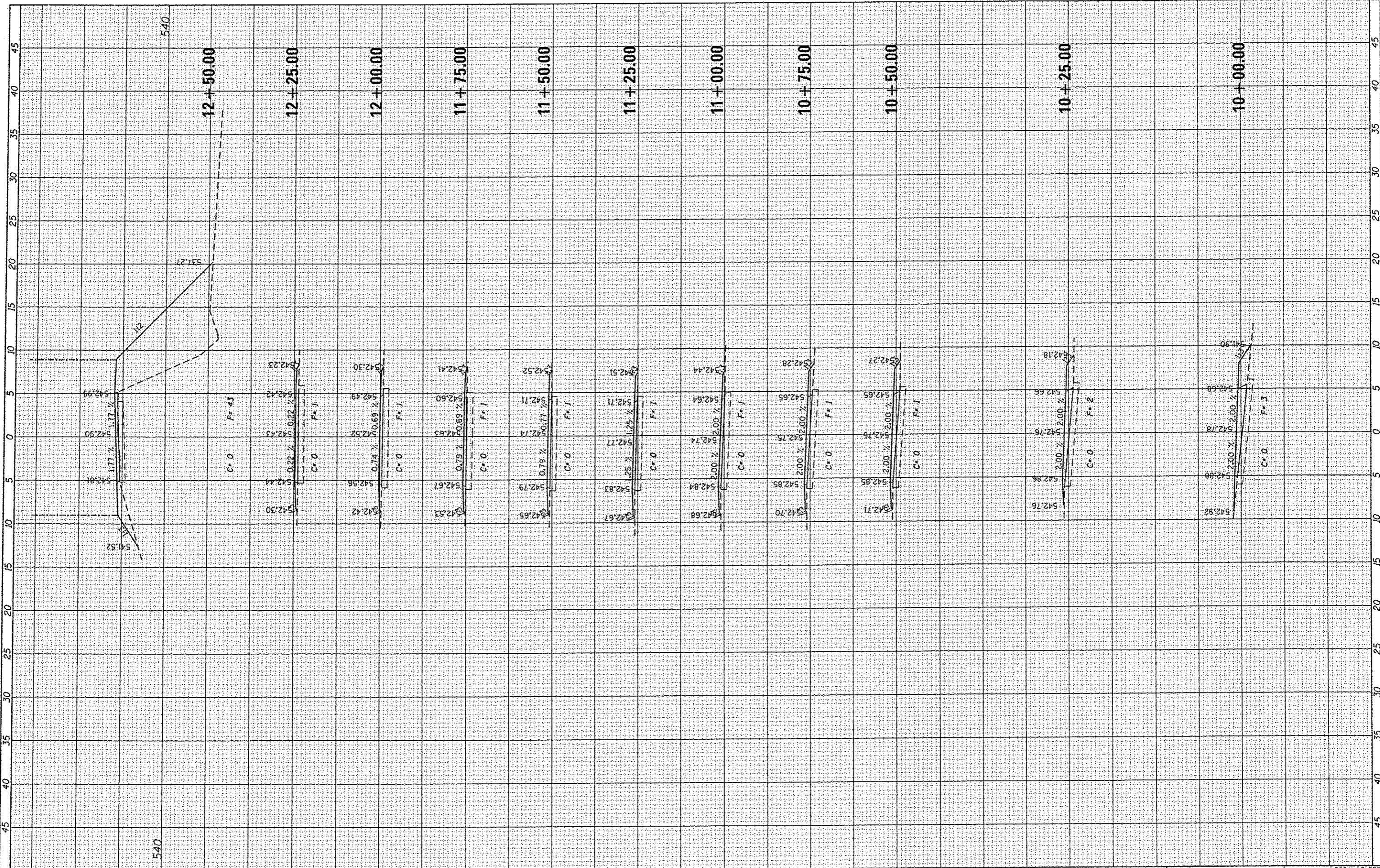
CITY OF BELLEVILLE

BOLLARD DETAILS
SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	80
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

FILE NAME: P:\V0168\4-CADD - DWG\4.2-TR\Sheet\0168-d11.bolfor.dgn

PLOTTED BY: jstah
 PLOT SCALE: 0.0000' / in. PLOT DATE: 1/14/2013 9:54:08 AM



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REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

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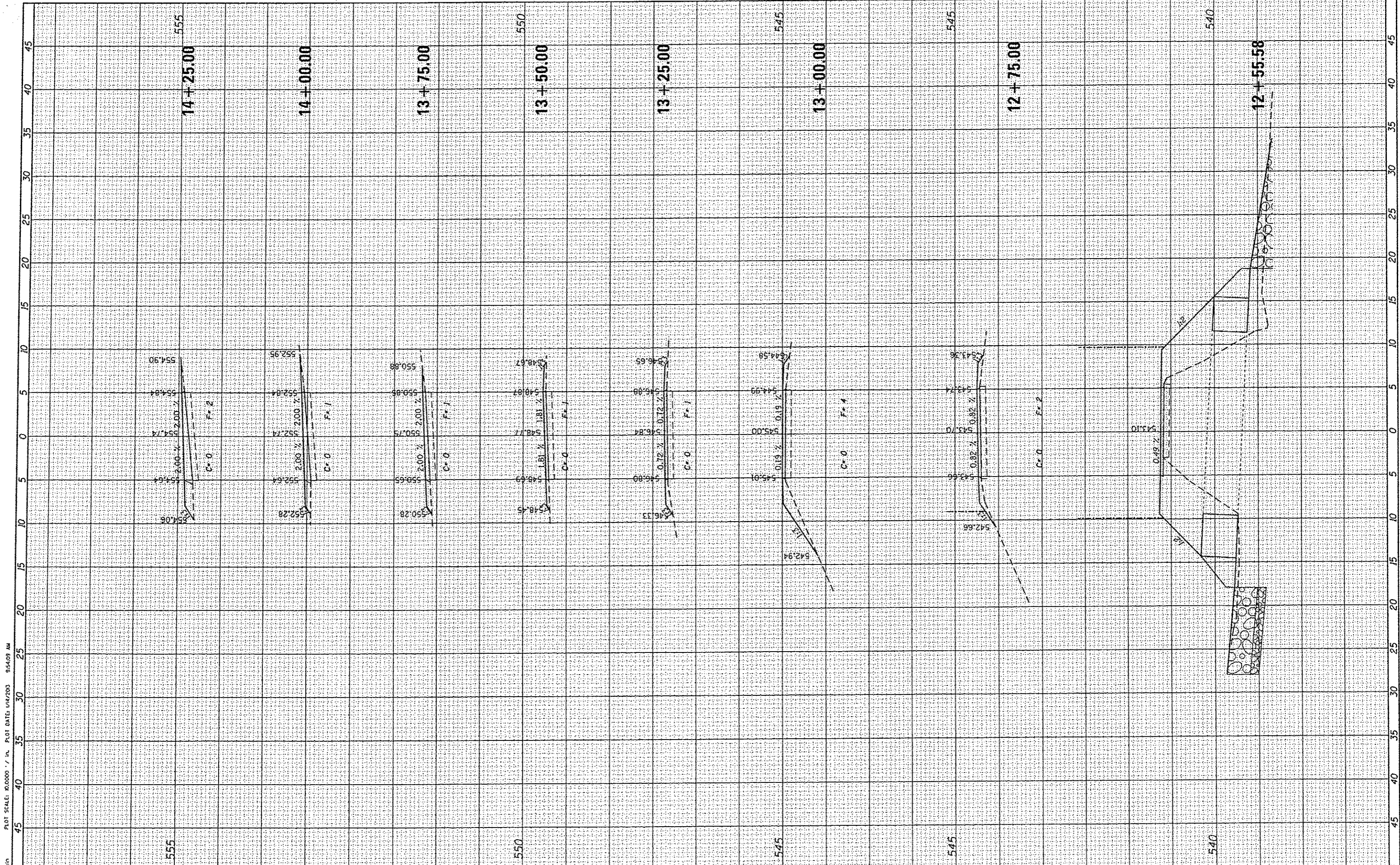


CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 1 OF 49 SHEETS
 STA. 10+00.00 TO STA. 12+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-09215-00-BT	ST. CLAIR	129	81
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

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PLOTTED BY: jsteh
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 PLT SCALE: 10.0000 / IN. PLT DATE: 1/17/2003 9:54:09 AM

DESIGNED - JWS/KMO
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CHECKED - SJK
DATE - 01-2013

**THOUVENOT,
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 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
 SWANSEA - WARREN - EDWARDSVILLE - ST. LOUIS - ST. CHARLES

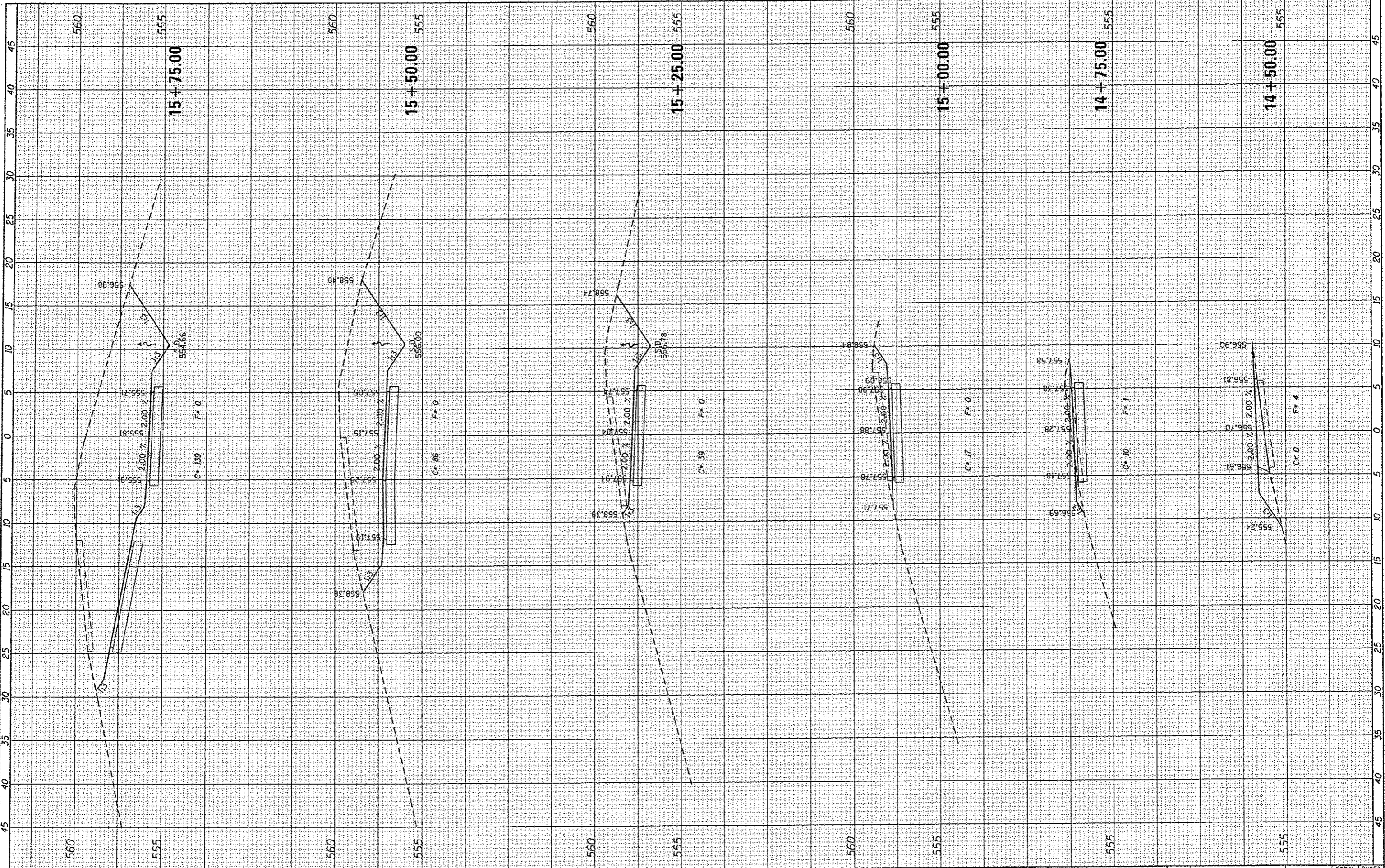


CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 2 OF 49 SHEETS
 STA. 12+55.58 TO STA. 14+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	82
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

PLotted By: lsh26a
 Plot Scale: 1/8" = 1'-0" Plot Date: 1/14/2013 9:54:09 AM



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REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

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 Tel: 618.624.4488
 Fax: 618.624.6688
 SWANSEA WATER CO. - EDWARDSVILLE - ST. LOUIS - ST. CHARLES



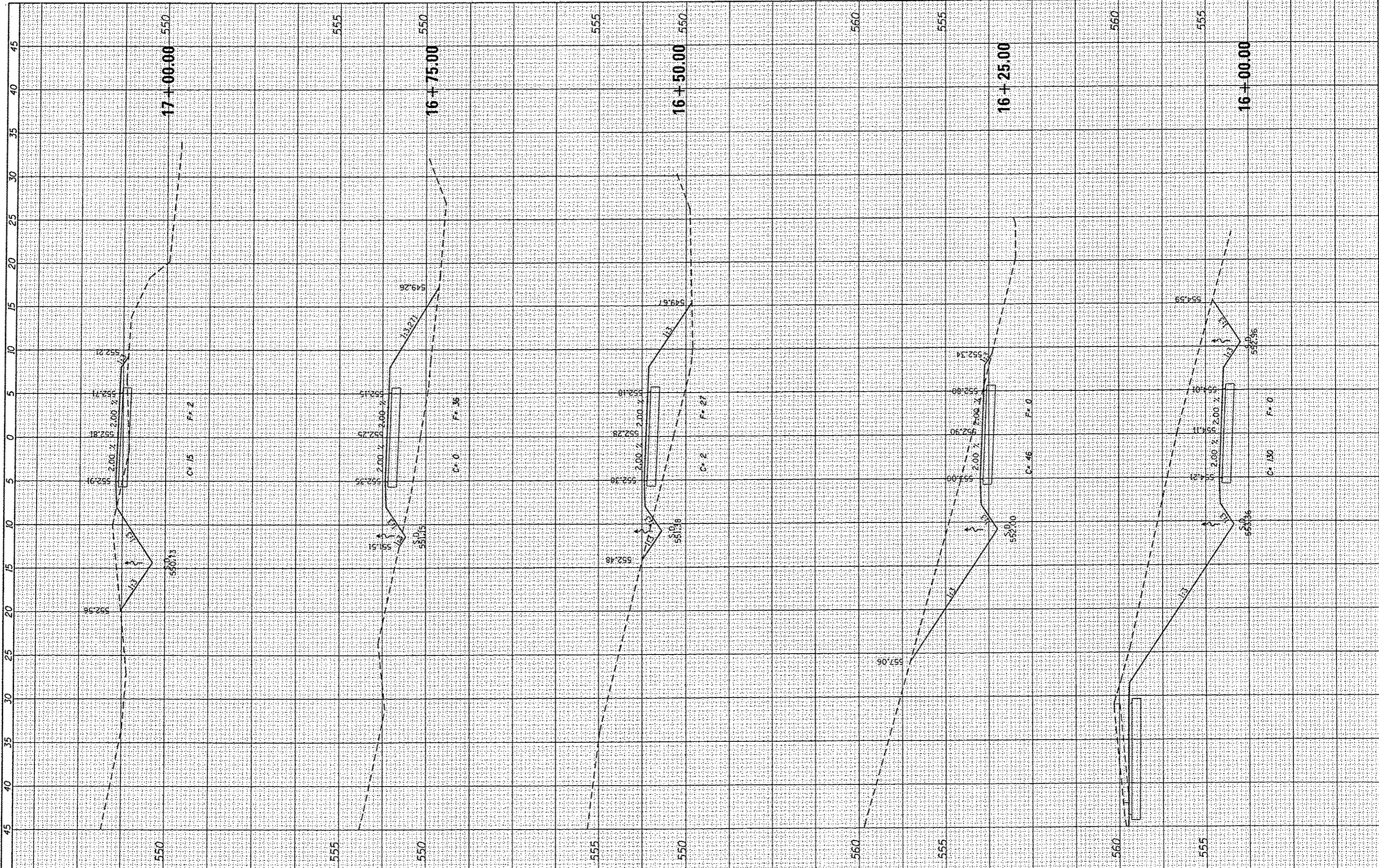
CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 3 OF 49 SHEETS
 STA. 14+50.00 TO STA. 15+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	83
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97515				

PLOT SCALE: 10.0000 / in. PLOT DATE: 1/14/2013 9:54:50 AM

PLotted By: Istein



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REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

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Tel: 618.624.4488
Fax: 618.624.6898
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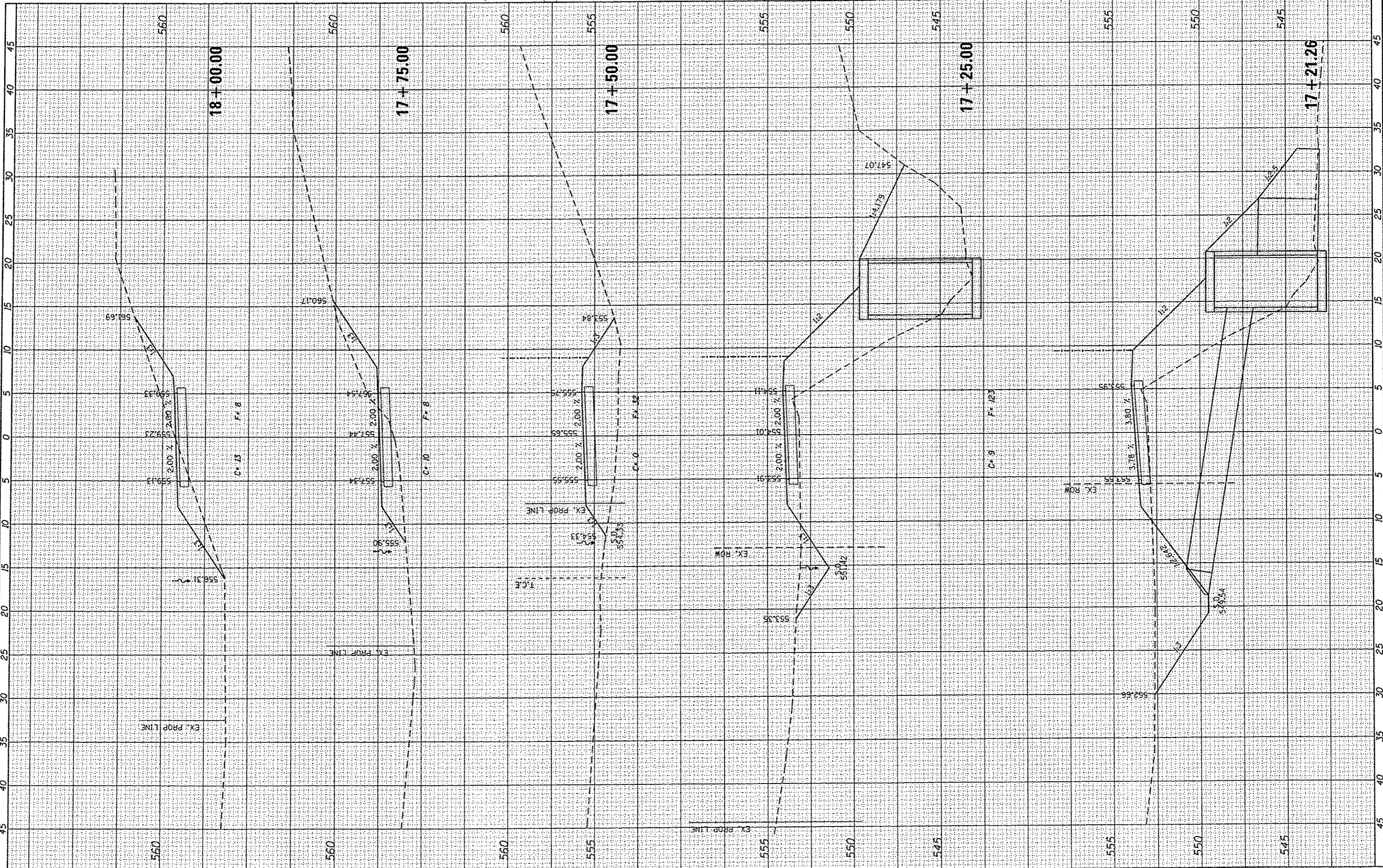
CITY OF BELLEVILLE

CROSS SECTIONS

SCALE: 1" = 5' SHEET NO. 4 OF 49 SHEETS STA. 16+00.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	84
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

PLotted By: lshen
PLOT SCALE: 1/8" = 1'-0" / in. PLOT DATE: 1/14/2013 8:56:40 AM



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DATE - 01-2013

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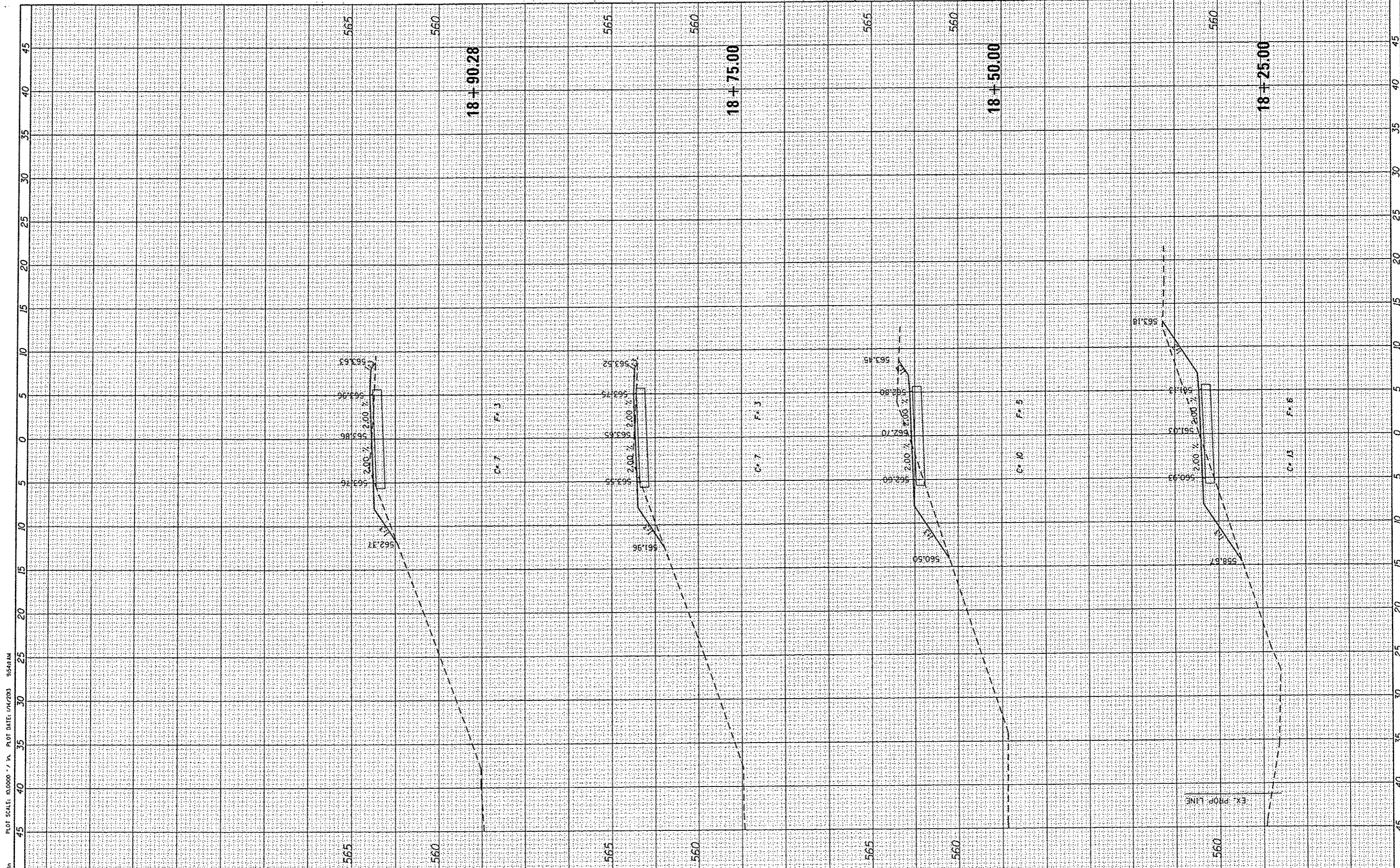


CITY OF BELLEVILLE

CROSS SECTIONS
SCALE: 1" = 5'
SHEET NO. 5 OF 49 SHEETS
STA. 17+21.26 TO STA. 18+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97515	

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PLOTTED BY: istein
 PLOT SCALE: 0.0000 - 1/4" = 1' PLOT DATE: 04/20/03 9:54:08 AM

DESIGNED - JWS/KMO	THOUVENOT, WADE & MOERCHEN, INC.
DRAWN - JWS/KMO	4940 Old Cahokia Road Swainsboro, Illinois 62226 Tel: 618.624.4400 Fax: 618.624.6688
CHECKED - SJK	SWANSEA - WATERLOO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES
DATE - 01-20-03	

TWM
 EXCEPTIONAL SERVICE. NOTHING LESS.

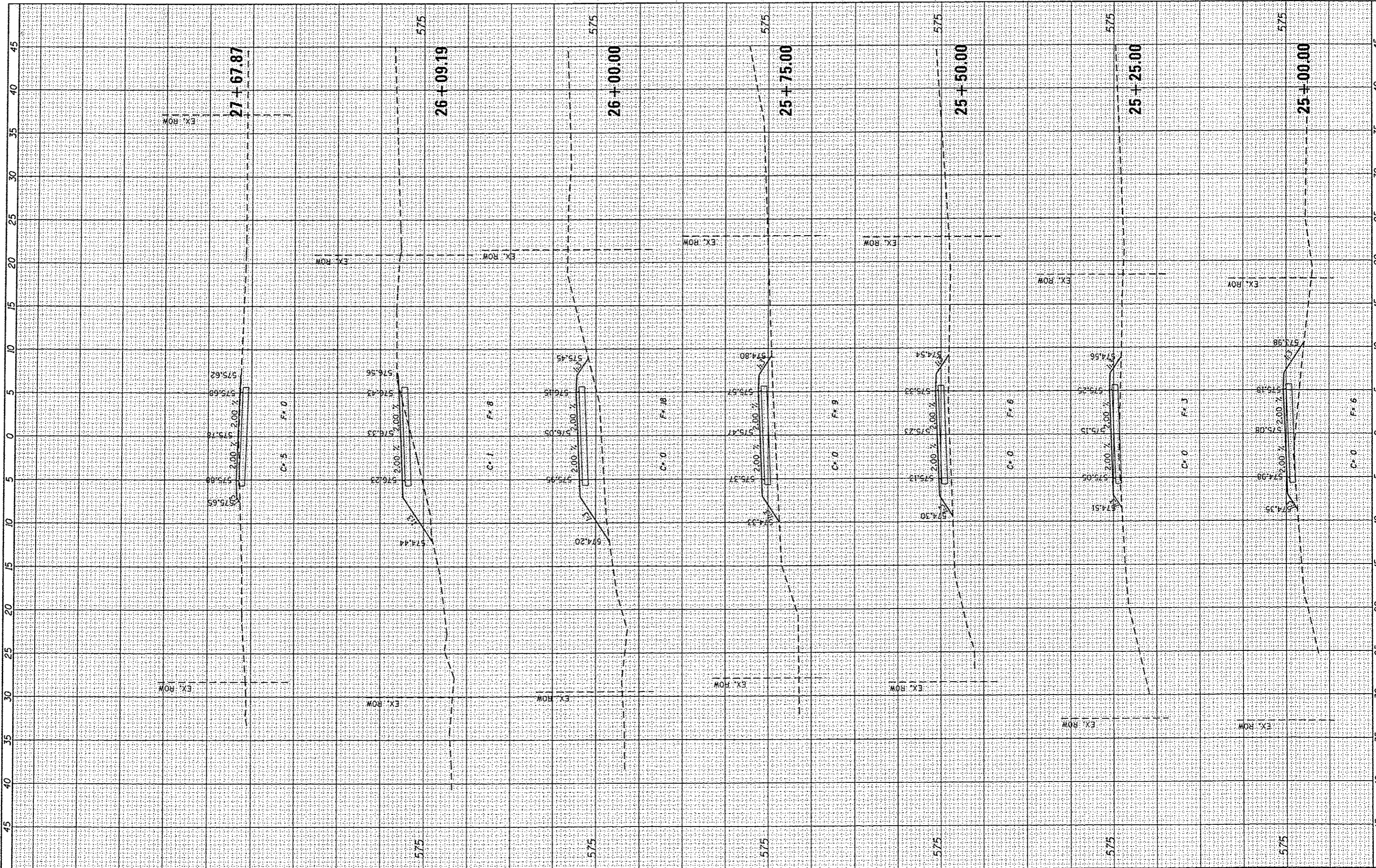


CITY OF BELLEVILLE

CROSS SECTIONS	
SCALE: 1" = 5'	SHEET NO. 6 OF 49 SHEETS
STA. 18+25.00 TO STA. 18+90.28	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	86
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

PLOTTED BY: jstehd
 PLOT SCALE: 10.0000' / in. PLOT DATE: 1/11/2013 9:54:42 AM



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DRAWN - JWS/KMO	4243 Del Collierville Road Swansea, Illinois 62226 Tel 618.624.4488 Fax 618.624.6888
CHECKED - SJK	SWANSEA • WATROOD • EDWARDSVILLE • ST. LOUIS • ST. CHARLES
DATE - 01-2013	

REVISIONS:
 REVISED -
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 REVISED -

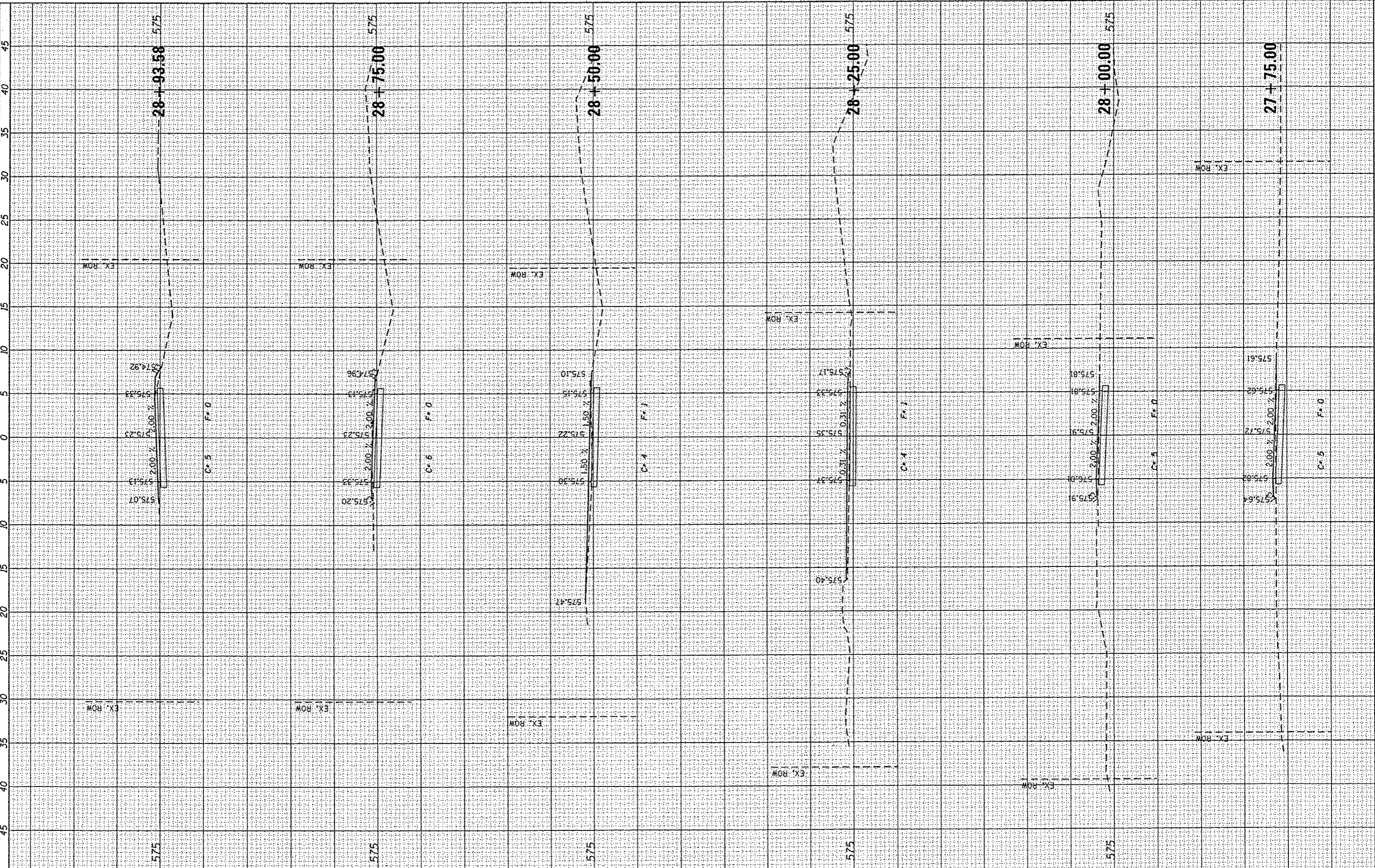


CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 7 OF 49 SHEETS
 STA. 25+00.00 TO STA. 27+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	87
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

PLotted BY: Jsteh
 PLOT SCALE: 0.0000' / in. PLOT DATE: 1/11/2013 9:54:42 AM



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DATE - 01-2013

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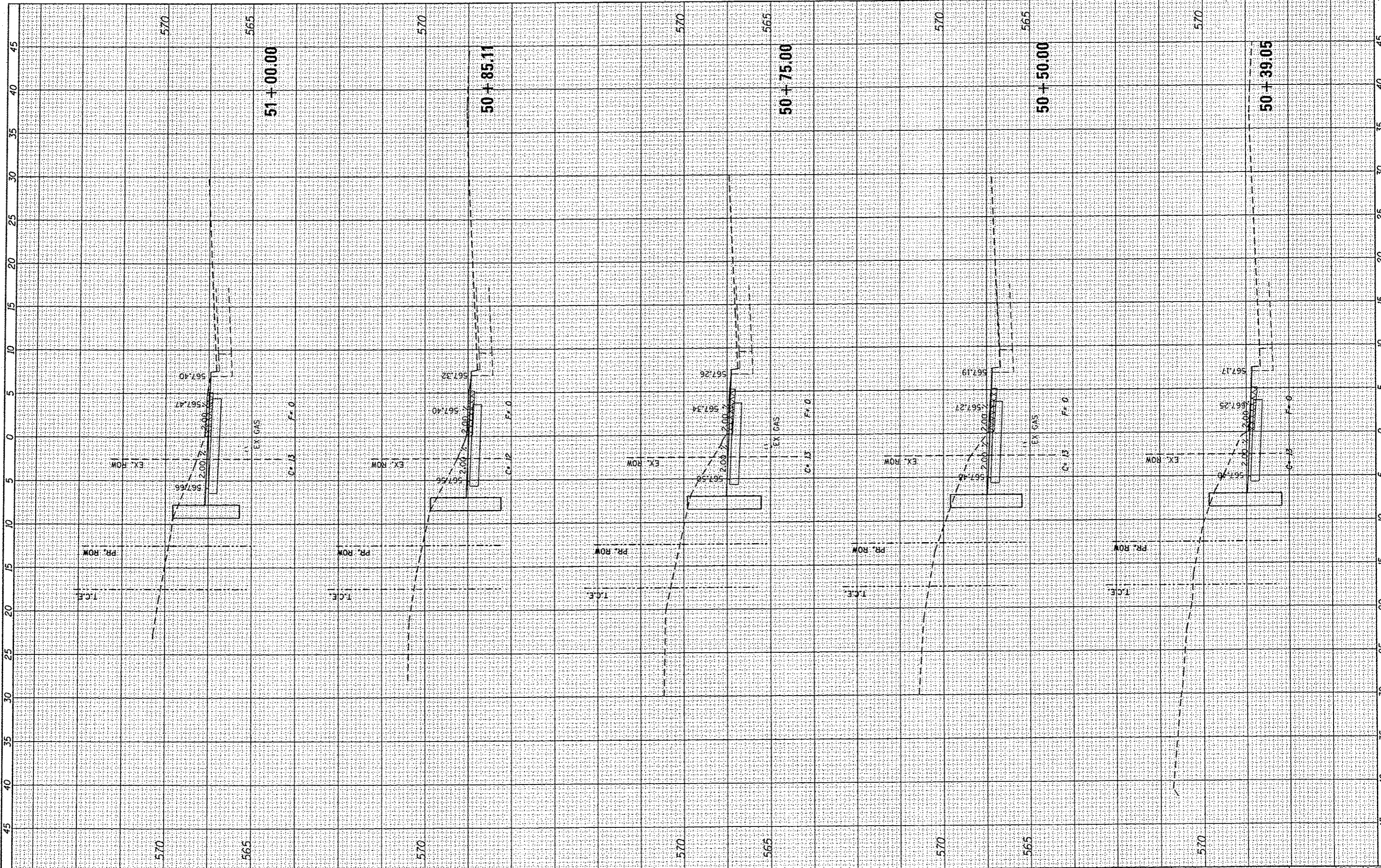
CITY OF BELLEVILLE

CROSS SECTIONS	
SCALE: 1" = 5'	SHEET NO. 8 OF 49 SHEETS
STA. 28+00.00 TO STA. 28+93.58	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	88
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

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DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

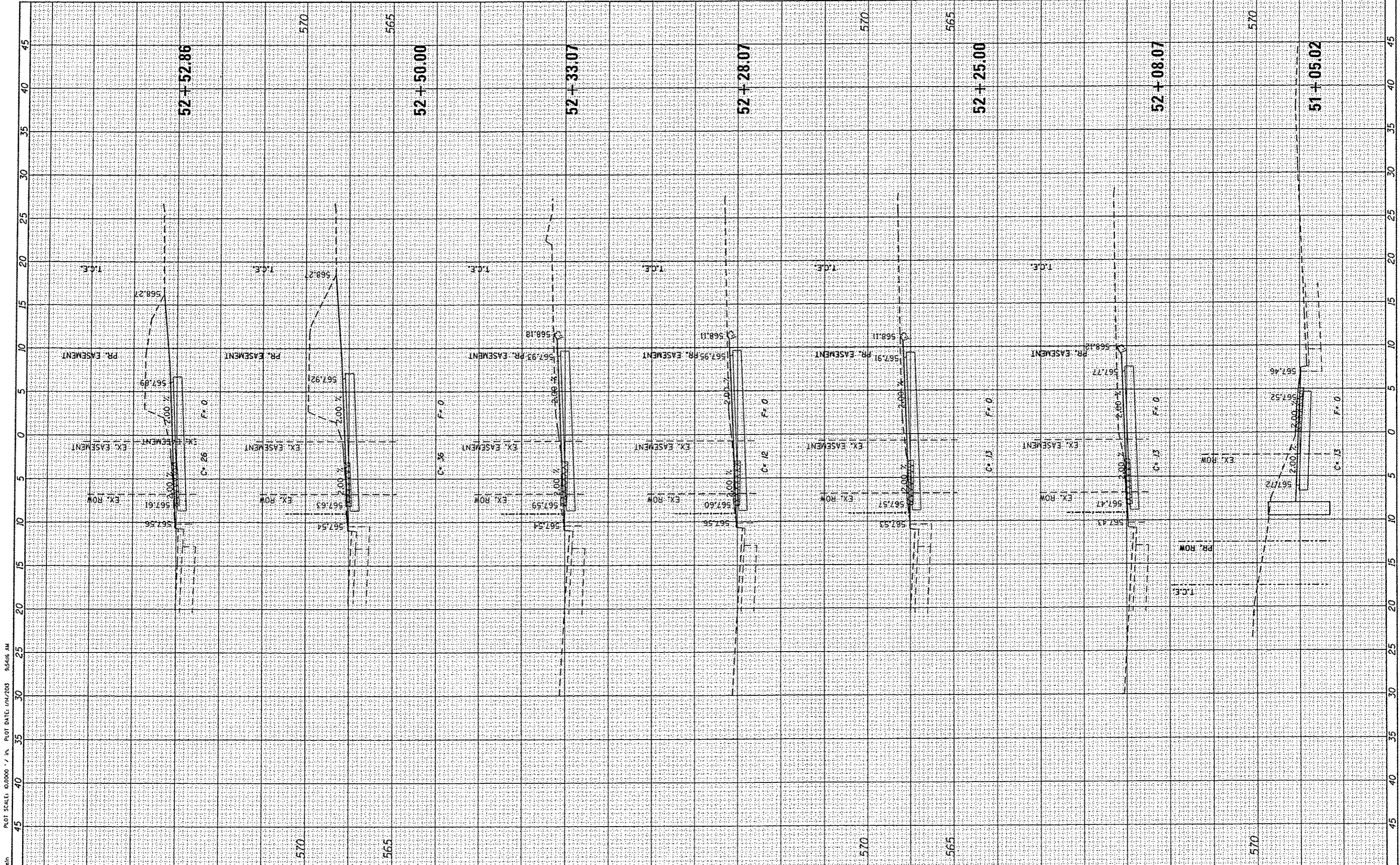
**THOUVENOT,
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 MOERCHEN, INC.**
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
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CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5' SHEET NO. 9 OF 49 SHEETS STA. 50+39.05 TO STA. 51+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	89
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

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 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
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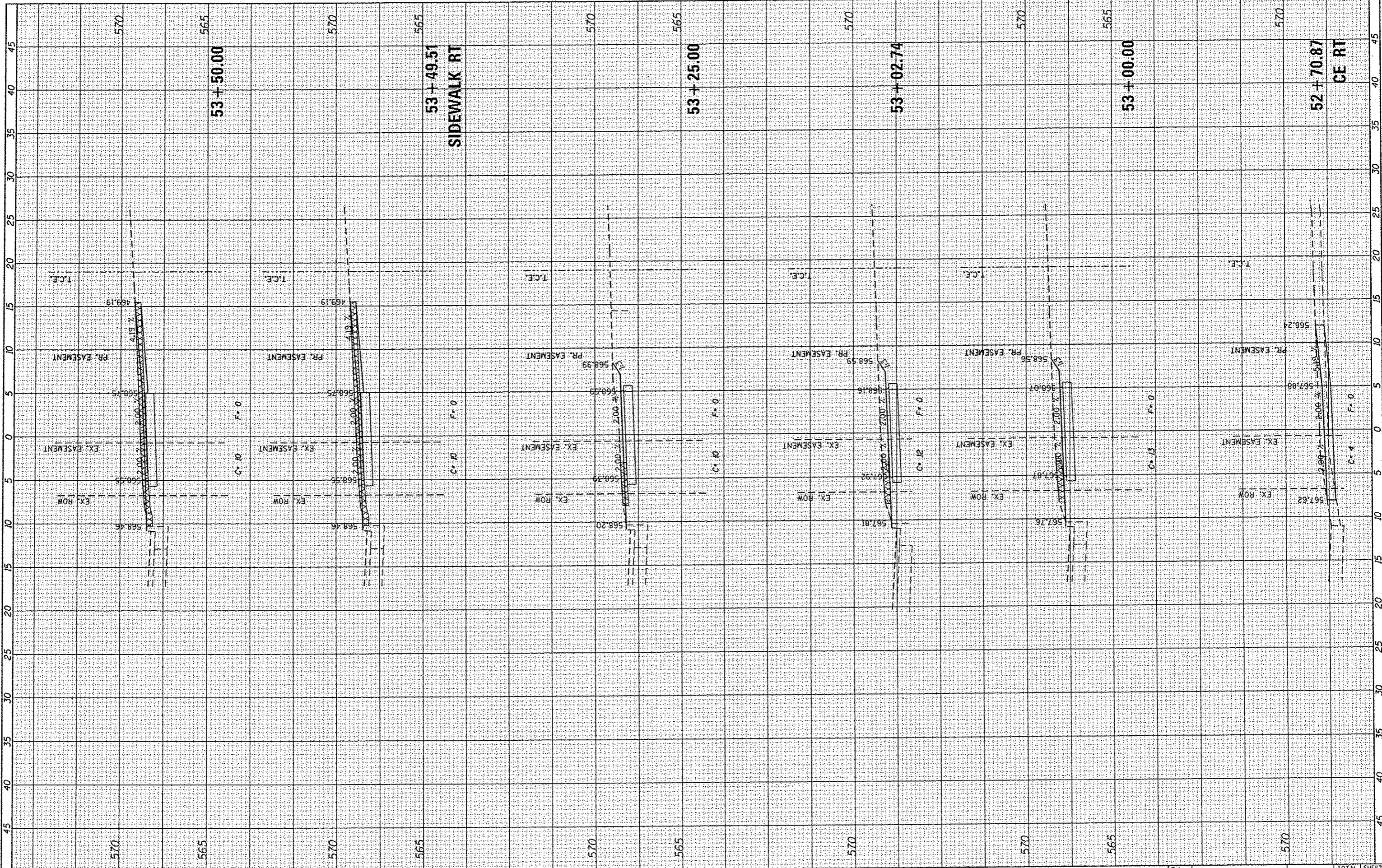


CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 10 OF 49 SHEETS
 STA. 51+05.02 TO STA. 52+52.86

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	90
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				

DESIGNED BY: JWS/KMO
 PLOTTED BY: JWS/KMO
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 04/20/03 09:46:41 AM



REVISION -	DESIGNED - JWS/KMO
REVISION -	DRAWN - JWS/KMO
REVISION -	CHECKED - SJK
REVISION -	DATE - 01-2013

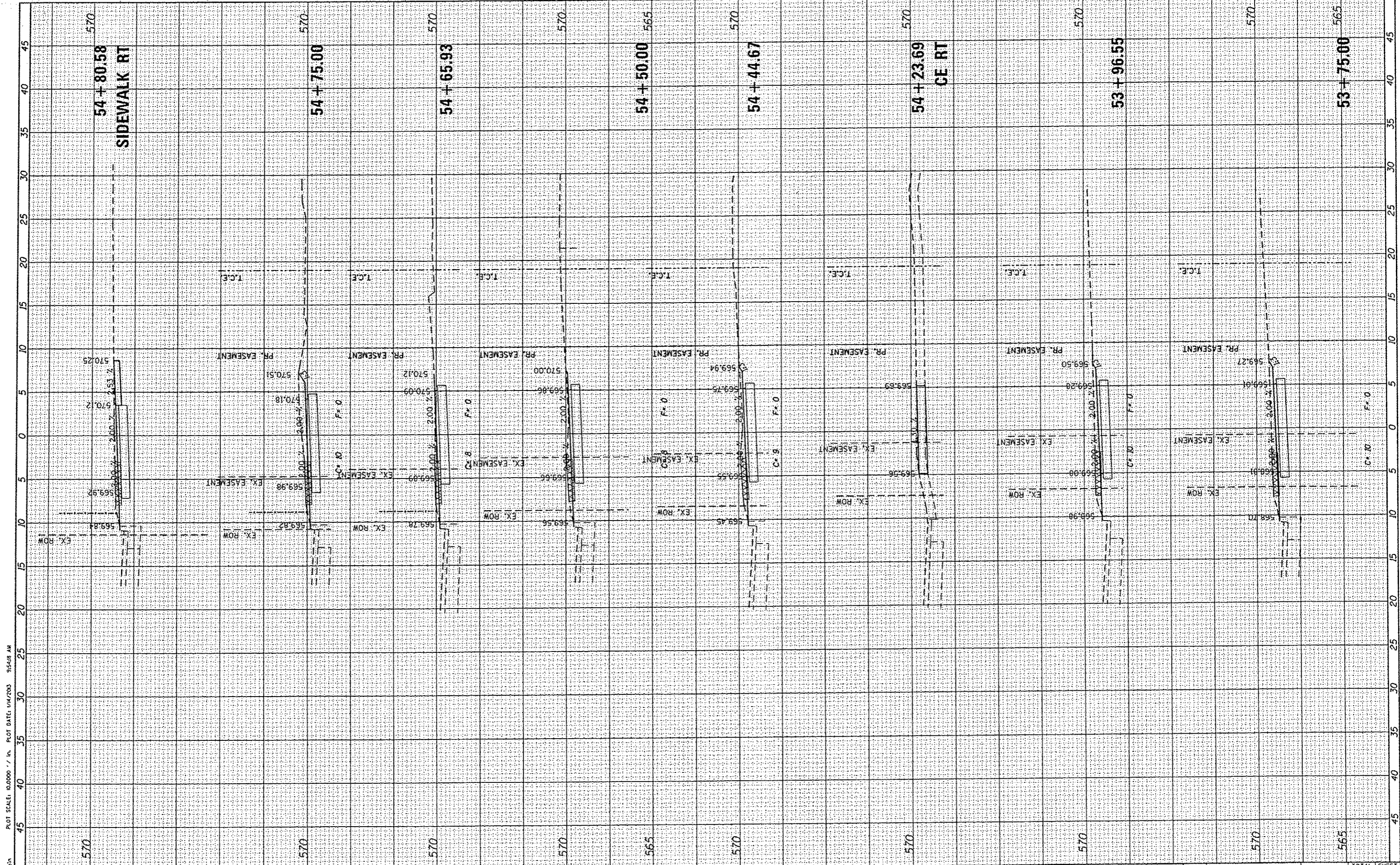
THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4468
 Fax: 618.624.6688



CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 11 OF 49 SHEETS
 STA. 52+70.87 TO STA. 53+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	91
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLOTTED BY: lshen
 PLOT SCALE: 10.0000' / 1" PLOT DATE: 1/14/2013 9:54:38 AM
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DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

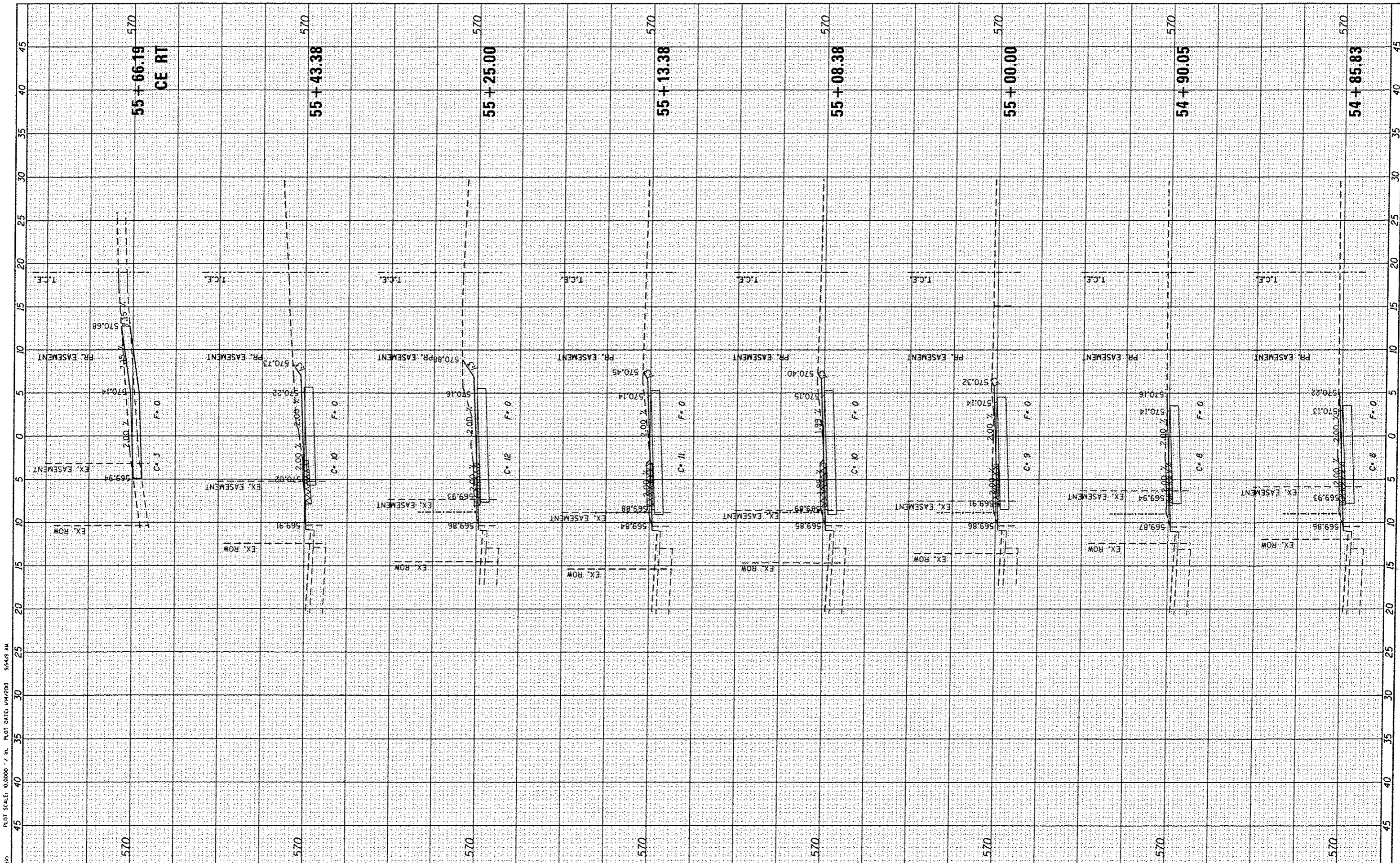
**THOUVENOT,
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 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6988
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CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 12 OF 49 SHEETS
 STA. 53+75.00 TO STA. 54+75.00

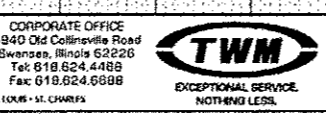
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	10-00215-00-BT	ST. CLAIR	129	92
			CONTRACT NO. 97515	
ILLINOIS FED. AID PROJECT				



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CHECKED - SJK
DATE - 01-2013

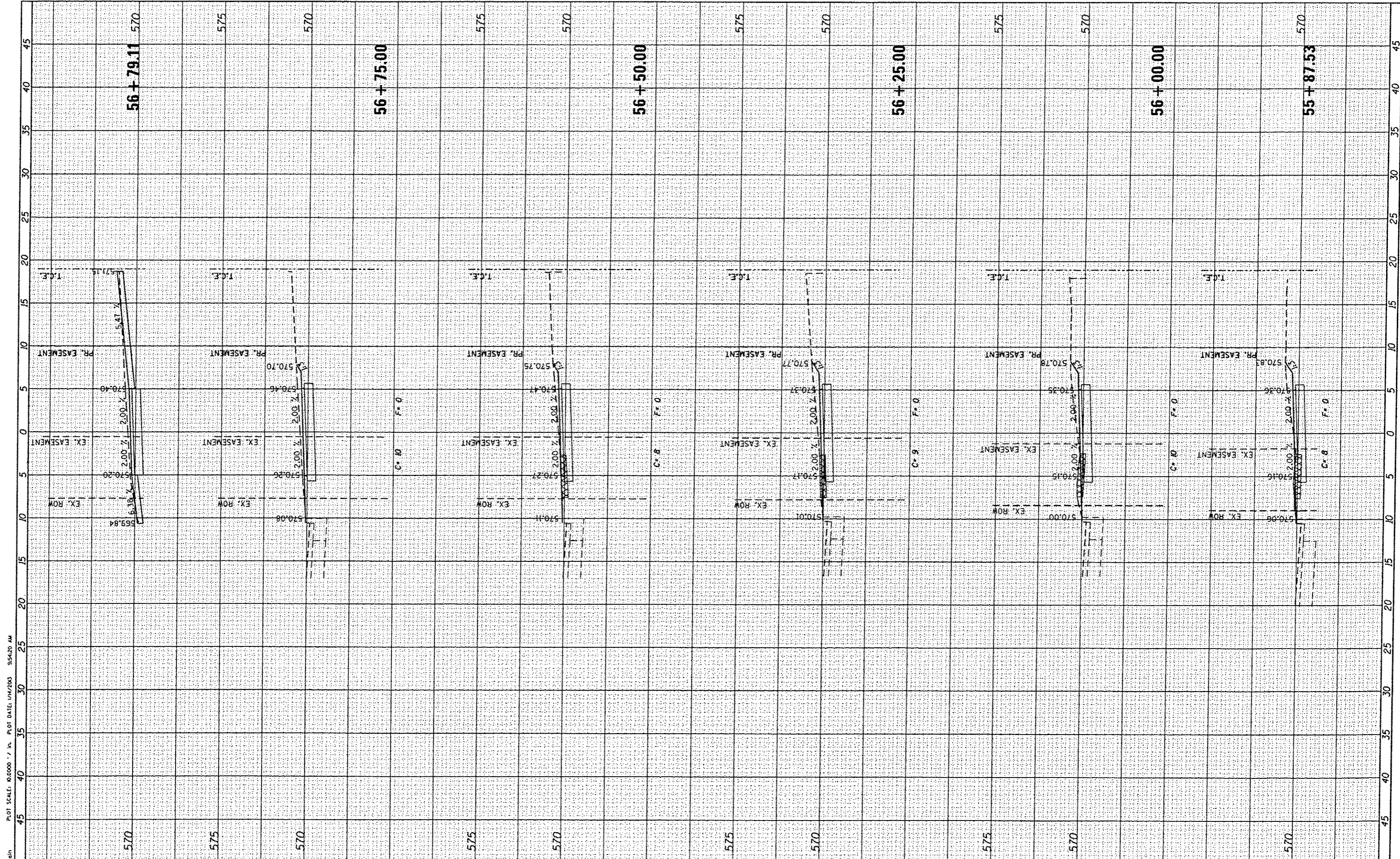
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MOERCHEN, INC.**
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CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 13 OF 49 SHEETS
 STA. 54+85.83 TO STA. 55+66.19

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	93
CONTRACT NO. 97515				
ILLINOIS FED. AID PROJECT				



PLOTTED BY: jbrash
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DATE - 01-2013

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 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
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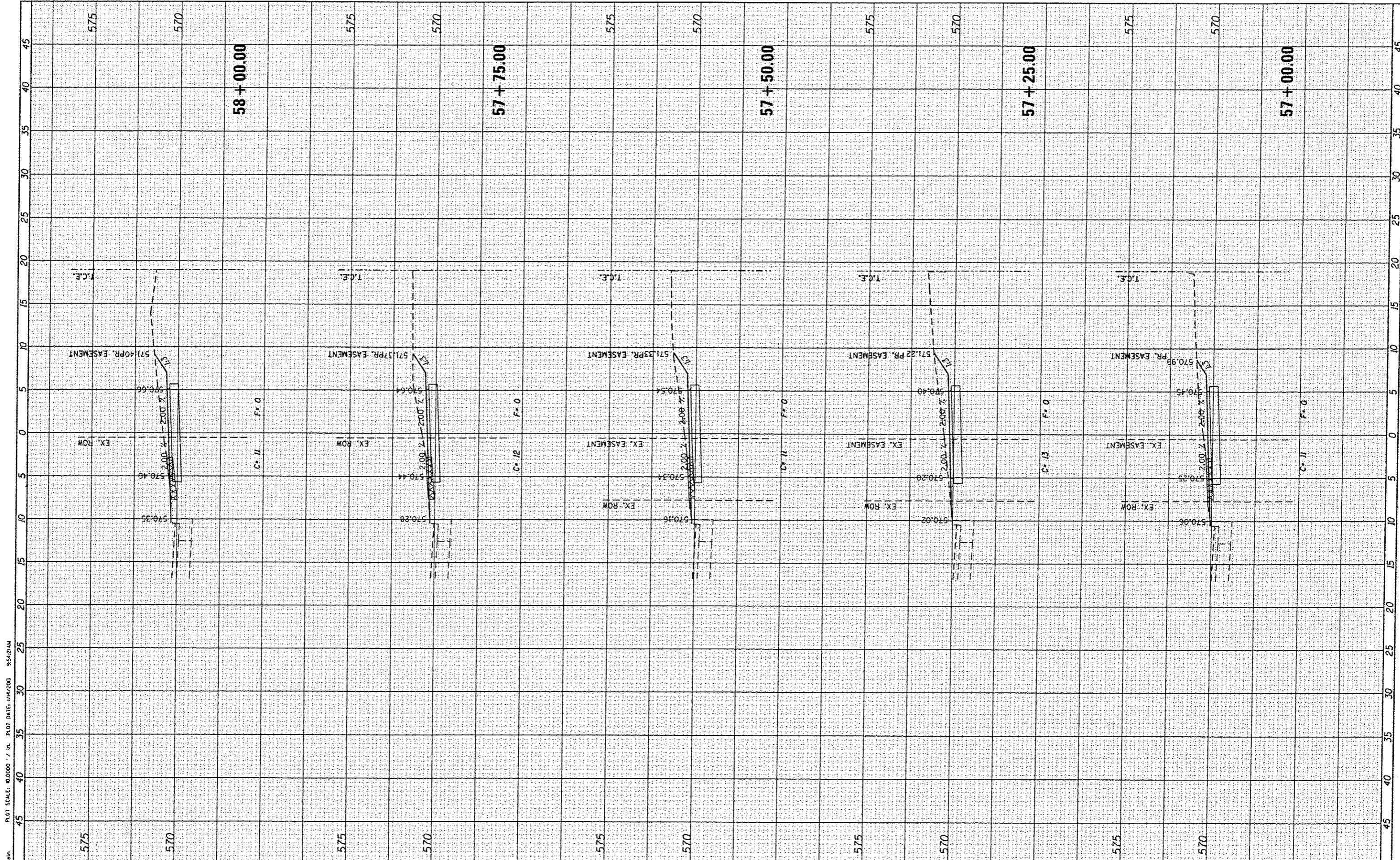


CITY OF BELLEVILLE

CROSS SECTIONS

SCALE: 1" = 5' SHEET NO. 14 OF 49 SHEETS STA. 55+87.53 TO STA. 56+79.11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	94
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

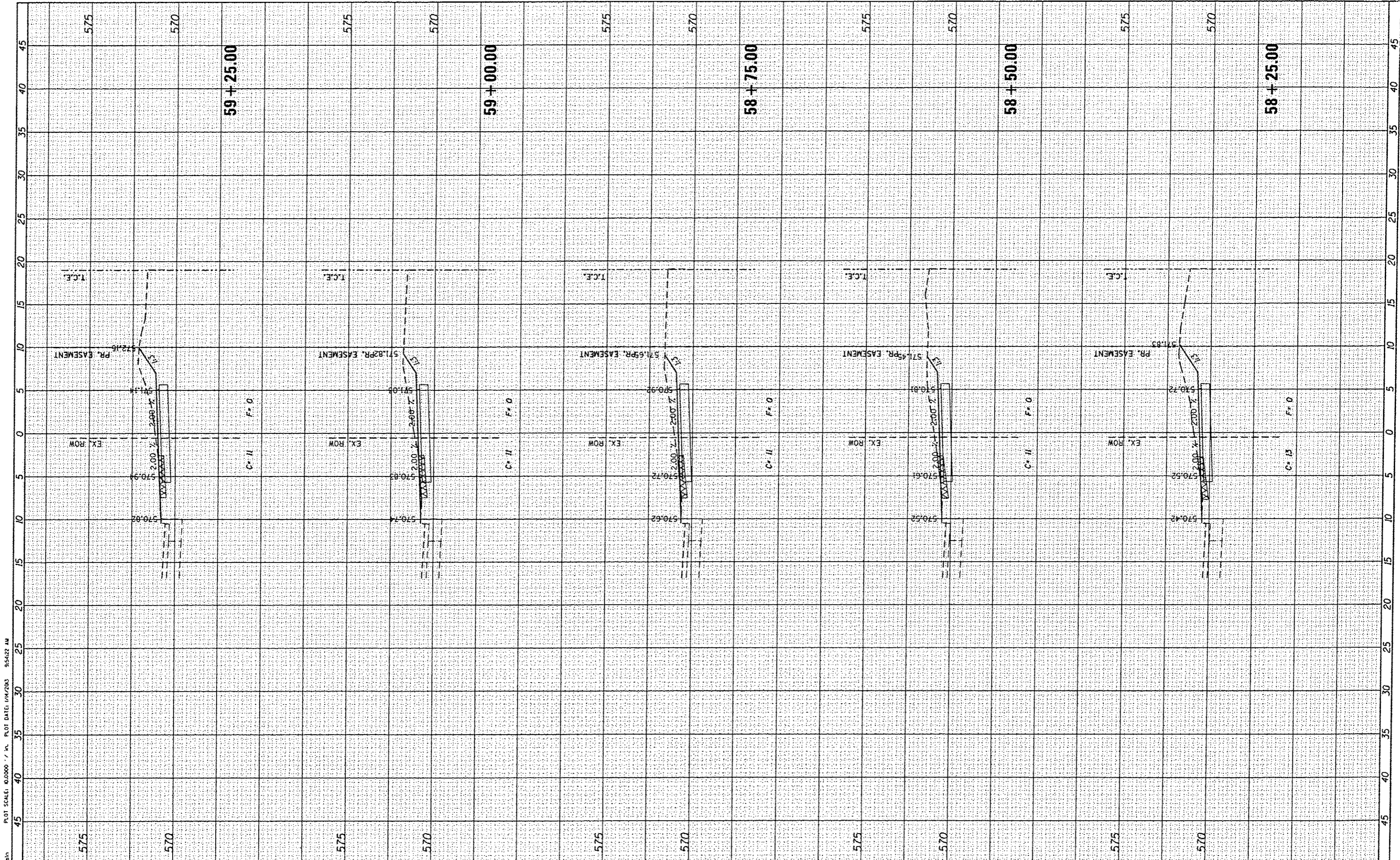
THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4840 Old Collinsville Road
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CITY OF BELLEVILLE

SCALE: 1" = 5'
 SHEET NO. 15 OF 49 SHEETS
 STA. 57+00.00 TO STA. 58+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	95
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97515	



PLOT SCALE: 0.0000' / in. PLOT DATE: 1/4/2003 9:54:22 AM
 PLOTTED BY: jsteh

DESIGNED - JWS/KMO
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DATE - 01-2013

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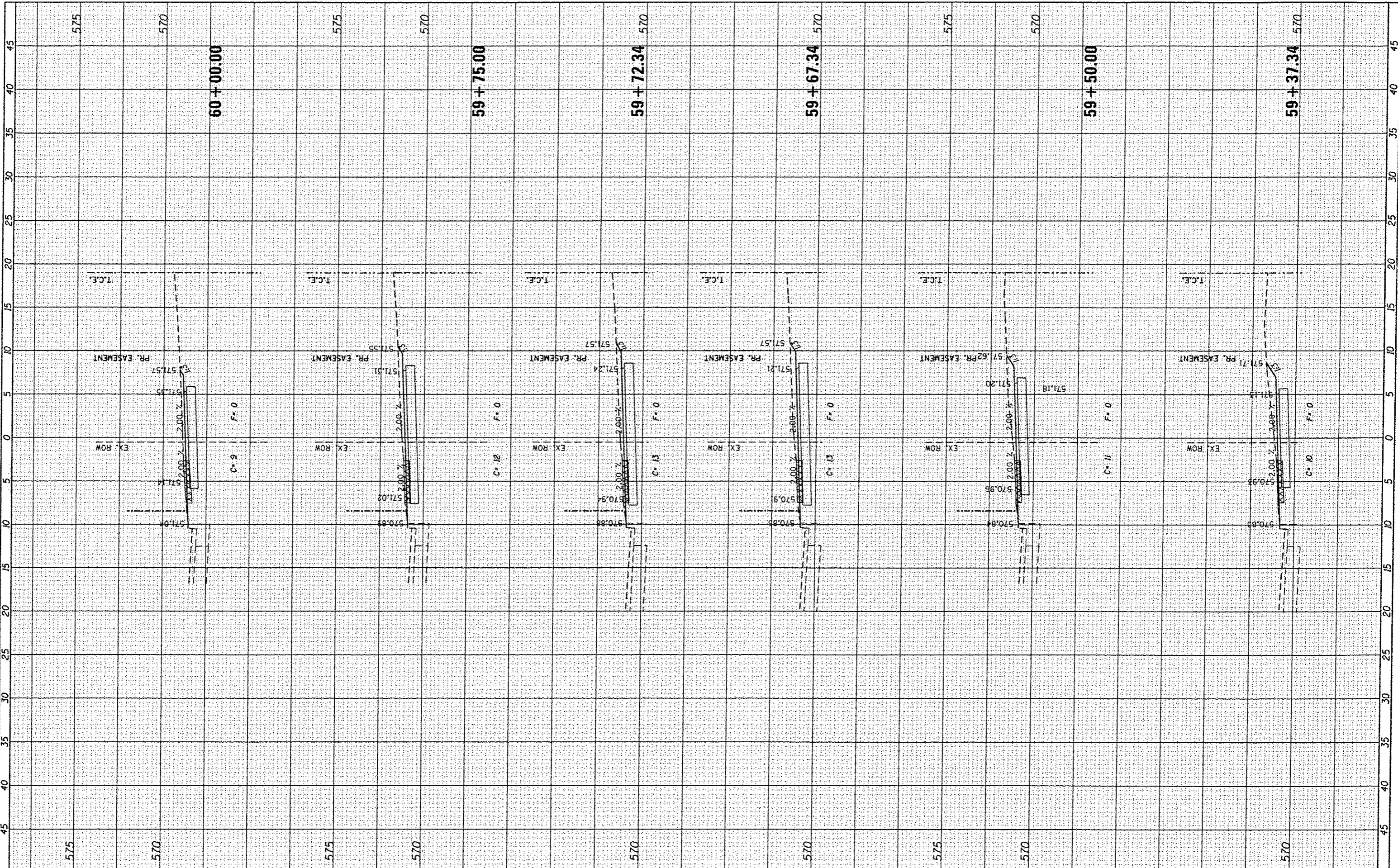


CITY OF BELLEVILLE

SCALE: 1" = 5'
 SHEET NO. 16 OF 49 SHEETS
 STA. 58+25.00 TO STA. 59+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	96
CONTRACT NO. 97515				
[ILLINOIS] FED. AID PROJECT				

PLotted BY: Jstein
 PLOT SCALE: 10.0000 / in. PLOT DATE: 1/14/2013 9:54:23 AM



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REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

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 4840 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.824.4488
 Fax: 618.624.6888
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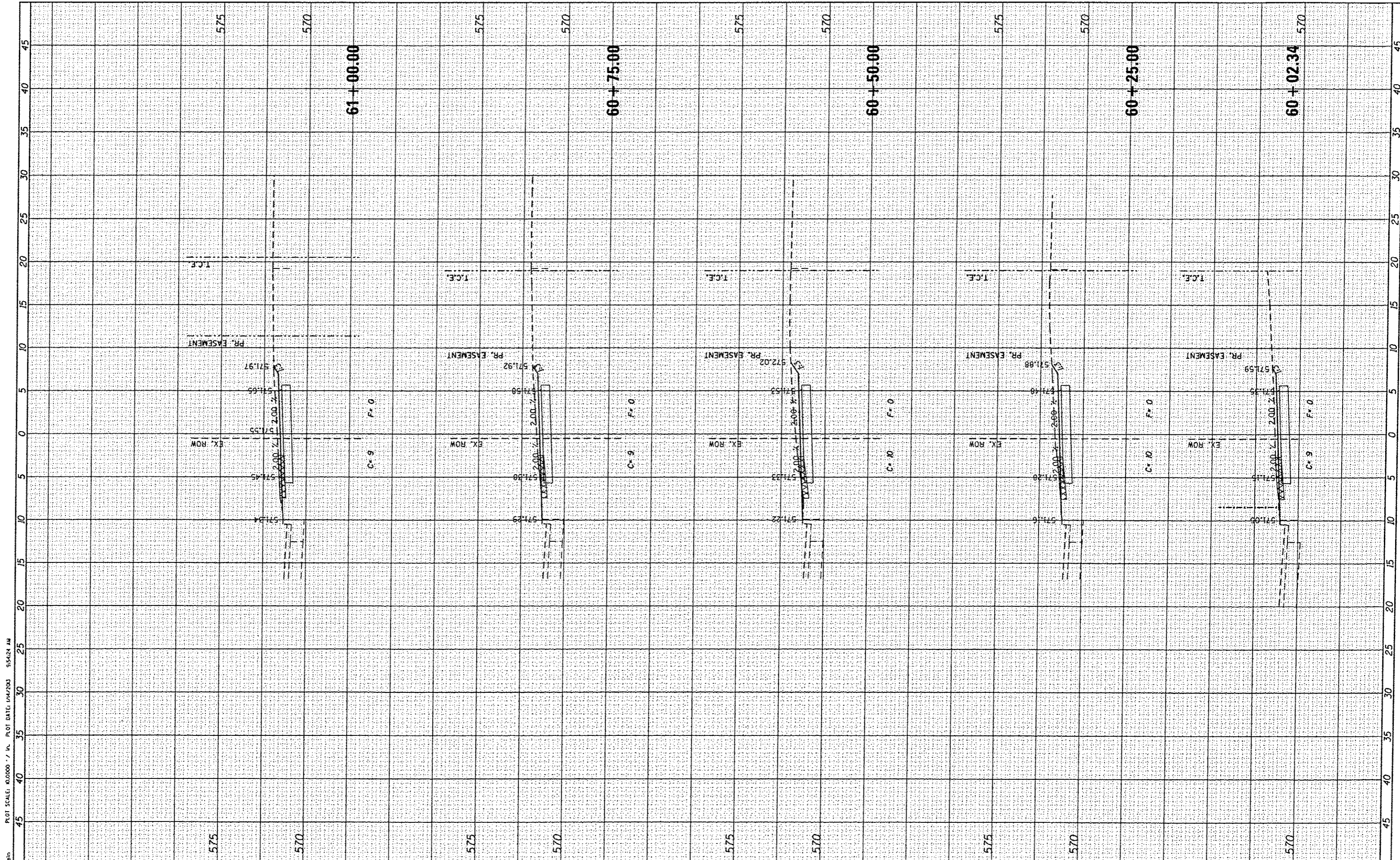


CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 17 OF 49 SHEETS
 STA. 59+37.34 TO STA. 60+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	97
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	

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PLOTTED BY: jsteph
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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJR
DATE - 01-2013

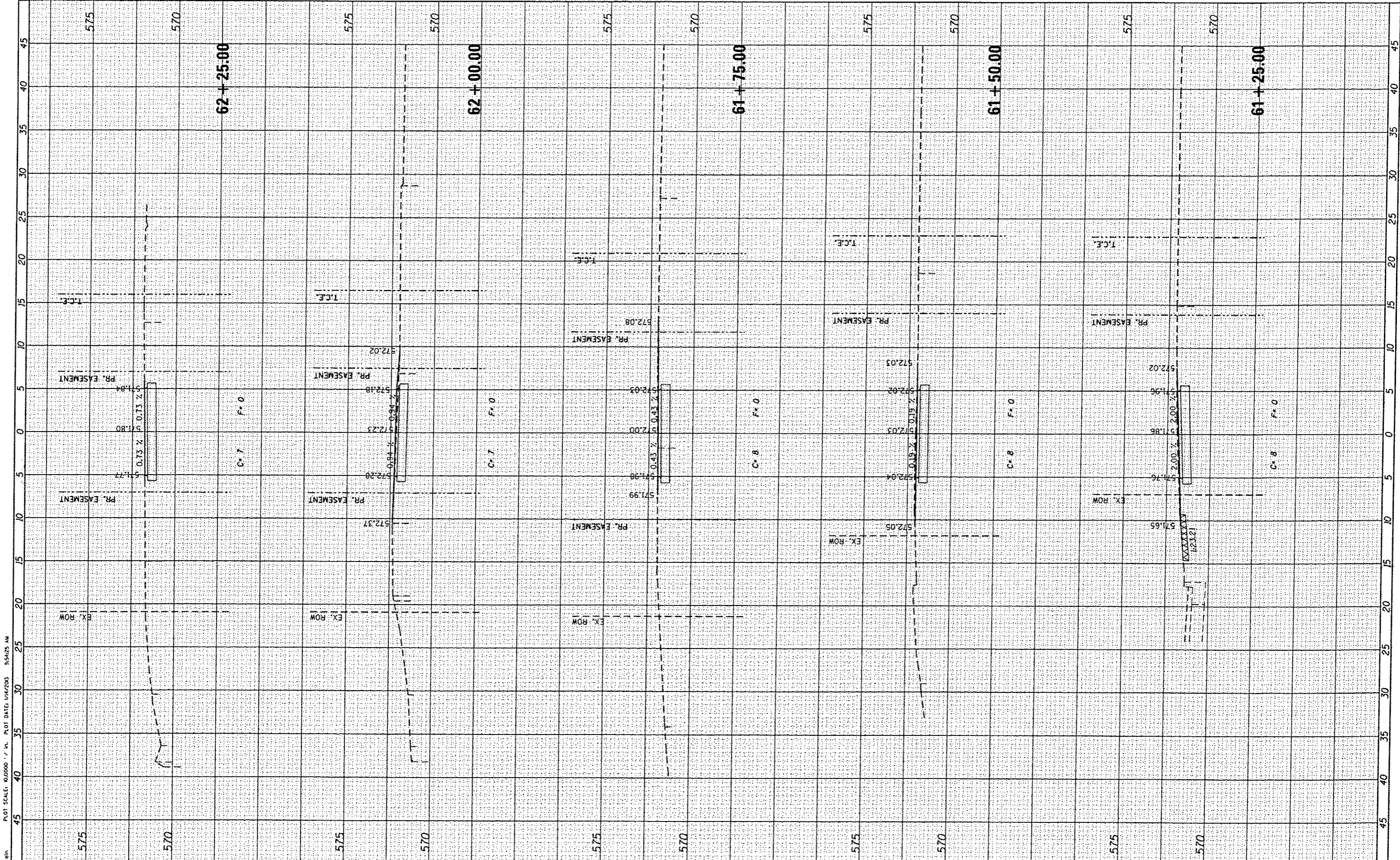
THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6888
SWANSEA - WAIRBROO - EDWARDSVILLE - ST. LOUIS - ST. CHARLES



CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 18 OF 49 SHEETS
 STA. 60+02.34 TO STA. 61+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	98
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	



PLOTTED BY: Jstein
 PLOT SCALE: 60.0000 / in. PLOT DATE: 04/27/09 9:54:28 AM
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DESIGNED - JWS/KMO
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 01-2013

THOUVENOT, WADE & MOERCHEN, INC.
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6898
 SWANSEA - WATROOD - COLLINSVILLE - ST. LOUIS - ST. CHARLES

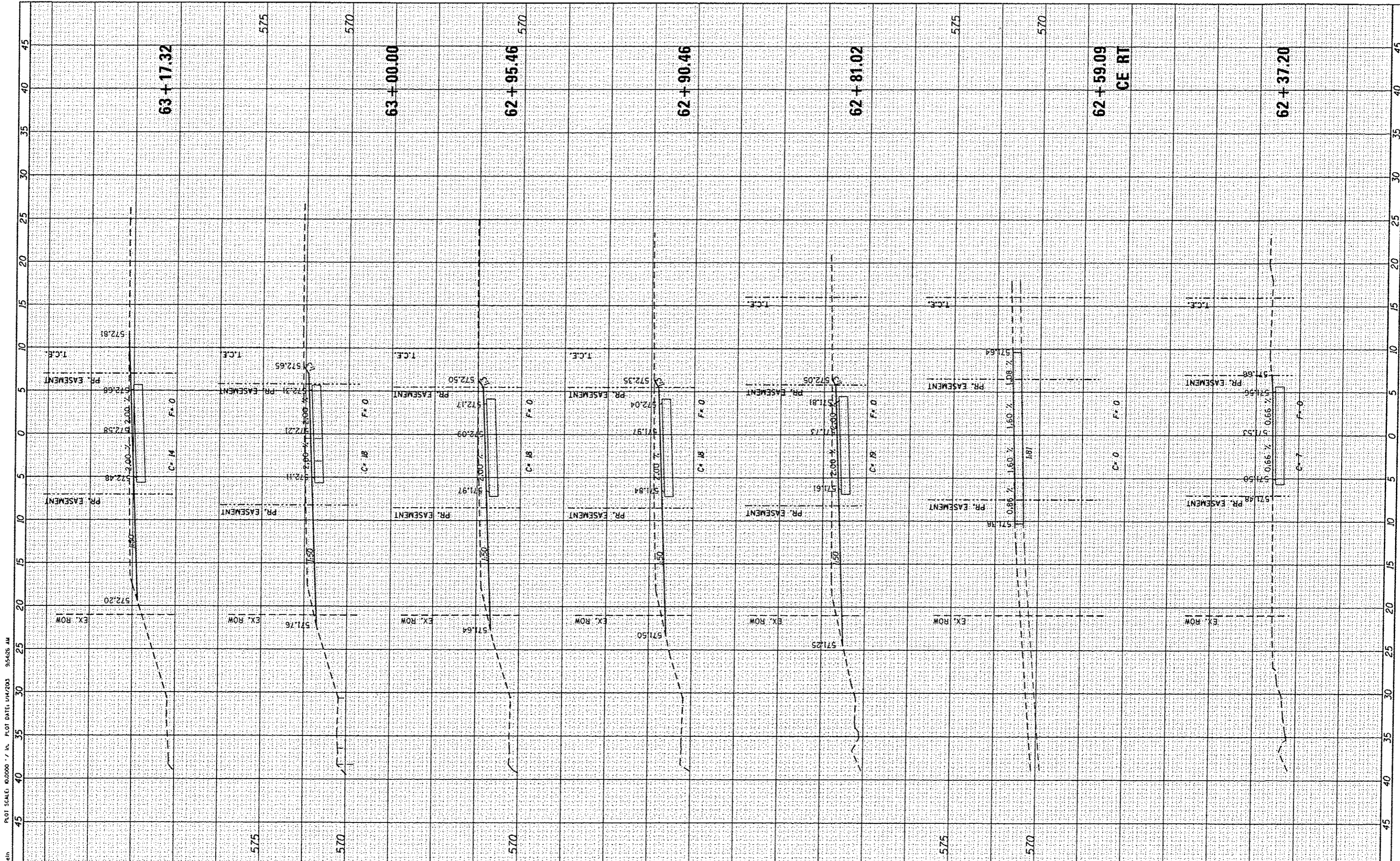


CITY OF BELLEVILLE

CROSS SECTIONS

SCALE: 1" = 5' SHEET NO. 19 OF 49 SHEETS STA. 61+25.00 TO STA. 62+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	99
			CONTRACT NO. 97515	
ILLINOIS FED. AID PROJECT				



PLOTTED BY: jstrehn
 PLOT SCALE: 60000 / IN. PLOT DATE: 04/20/13 9:54:26 AM
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REVISED -	DESIGNED - JWS/KMO
REVISED -	DRAWN - JWS/KMO
REVISED -	CHECKED - SJK
REVISED -	DATE - 01-2013

**THOUVENOT,
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 Tel: 618.624.4488
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SWANSEA - WASHINGTON - ST. LOUIS - ST. CHARLES



CITY OF BELLEVILLE

CROSS SECTIONS
 SCALE: 1" = 5'
 SHEET NO. 20 OF 49 SHEETS
 STA. 62+37.20 TO STA. 63+17.32

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00215-00-BT	ST. CLAIR	129	100
CONTRACT NO. 97515			ILLINOIS FED. AID PROJECT	