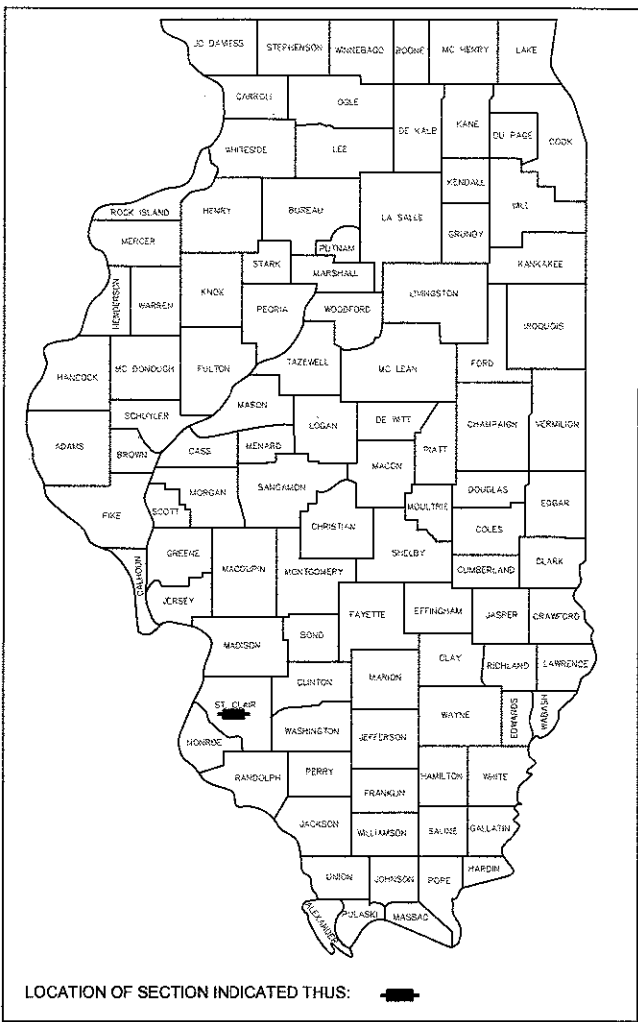


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FAU ROUTE 9268
CITY OF BELLEVILLE
EAST A STREET RESURFACING
SECTION 14-00220-00-RS
PROJECT NO. M-5011(453)
JOB NO. C-98-366-14
ST. CLAIR COUNTY, IL
STU FUNDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9268	14-00220-00-RS	ST. CLAIR	53	01
FEDERAL AID PROJECT			CONTRACT NO. 97652	



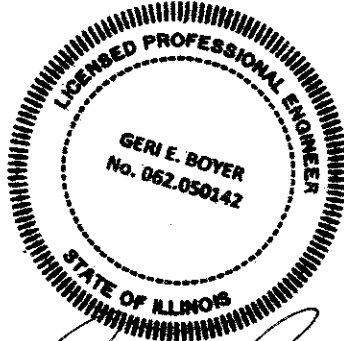
INDEX OF SHEETS

01	COVER SHEET
02-03	GENERAL NOTES & SUMMARY OF QUANTITIES
04-09	TYPICAL SECTIONS
10	SCHEDULE OF QUANTITIES
11	ALIGNMENT, TIES, AND BENCHMARKS
12-16	REMOVAL PLAN
17-21	ROADWAY PLAN
22-26	EROSION CONTROL PLAN
27-31	ROADWAY GRADING
32-37	INTERSECTION DETAILS
38-42	PAVEMENT MARKING AND SIGNING PLANS
43-44	DETAILS
45-52	CROSS SECTIONS

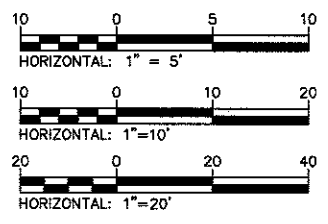
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280001-07
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424026-01
424011-03
442201-03
604001-04
604006-05
604041-03
604051-04
604066-02
606001-06
701601-09
701701-10
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886006-01

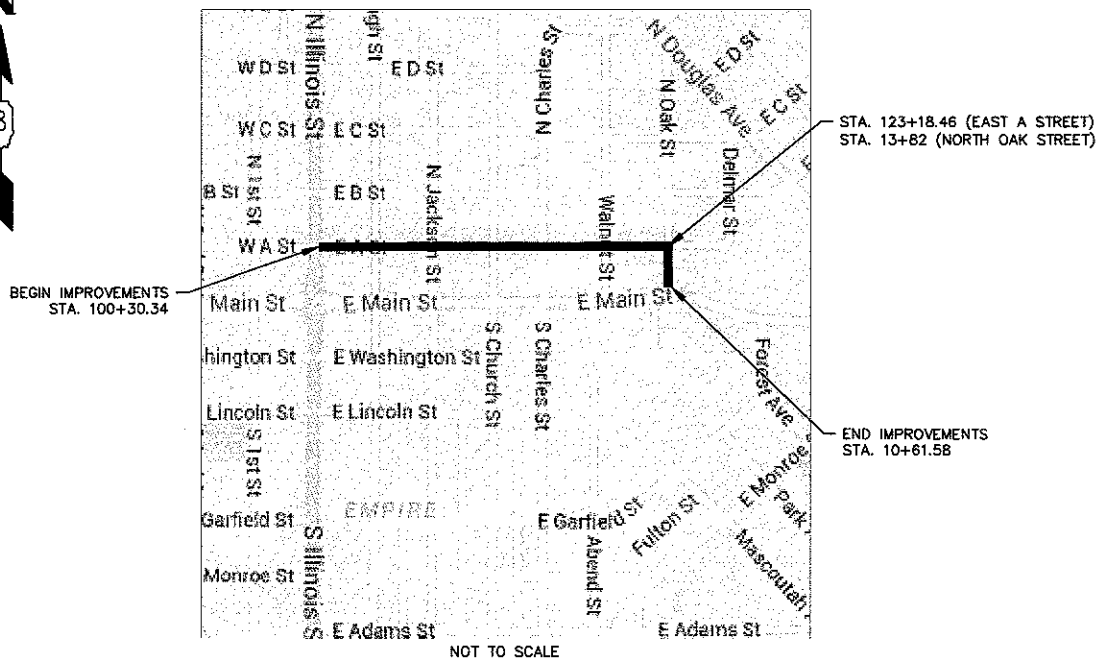
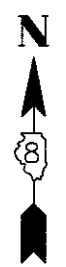
SCALES:
 ROADWAY PLAN 1 INCH = 20 FEET
 CROSS SECTIONS 1 INCH = 10 FEET HORIZONTAL
 1 INCH = 5 FEET VERTICAL



Geri E. Boyer 6/2/2017
 GERI E. BOYER
 LICENSE NO. 062-050142
 DATE
 EXPIRES: 11-30-2017



GRAPHIC SCALES TO BE USED ARE SHOWN ACCORDINGLY ON EACH PLAN SHEET



LENGTH OF PROJECT
 TOTAL NET LENGTH = 2608' (0.494 MILES)

FUNCTIONAL CLASSIFICATION: MAJOR/MINOR COLLECTOR
 DESIGN SPEED: 30 MPH
 EAST A STREET CURRENT YEAR (2013) ADT: 2300
 OAK STREET CURRENT YEAR (2013) ADT: 800

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED JUNE 2 20 17
Mark W. Eckert
 CITY OF BELLEVILLE, MAYOR

PASSED June 9 20 17
John W. Moore
 DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW June 9 20 17
Jeffrey L. Harris
 REGIONAL ENGINEER

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

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

Kaskaskia
 Engineering Group, LLC

208 East Main Street, Suite 100
 Belleville, Illinois 62220
 618.233.5877 phone
 618.233.5977 fax
 www.kaskaskiaeng.com

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

LICENSE NO.
 184.004773
 20-5080586

GENERAL NOTES

- THE ENGINEER AND OWNER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE 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 CONTRACTOR DETERMINES THAT CONFIRMED OR DISCOVERED UTILITIES LOCATED WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
- IT IS NOT WARRANTED THAT THESE DRAWINGS CONTAIN 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.
- ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, AND TESTING ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, (ADOPTED APRIL 1, 2016); AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS LATEST EDITION (BOTH OF WHICH WILL BE HEREINAFTER REFERRED TO IN THESE DOCUMENTS AS THE STANDARD SPECIFICATIONS (HIGHWAY)).
- ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, AND TESTING FOR EROSION AND SEDIMENTATION CONTROL ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE ILLINOIS NRCS ILLINOIS URBAN MANUAL, 2010 EDITION AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL WORK, INSTALLATION, PROCEDURES, AND MATERIALS ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE UNITED STATES AMERICANS WITH DISABILITIES ACT.
- ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, TESTING, AND INSPECTION SHALL CONFORM TO THE STATE, MUNICIPAL, AND LOCAL UNITS OF GOVERNMENT HAVING JURISDICTION OVER THIS PROJECT.
- THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO ENSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL RESTRICT THE AMOUNT OF LAND AREA GRADED AT ANY ONE TIME TO A MINIMUM. IT IS RECOMMENDED DURING AND AFTER GRADING, THAT A TEMPORARY VEGETATIVE COVER BE ESTABLISHED TO PROTECT THE BARE SOIL SURFACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR PCC CONCRETE SIDEWALK 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AND STREETS AT ALL TIMES DURING CONSTRUCTION AT NO ADDITIONAL PAYMENT.
- THE FOLLOWING ITEM AND APPROXIMATE QUANTITY ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. QUANTITY HAS BEEN DETERMINED USING AN APPLICATION RATE OF 0.05833 TONS/SQYD/INCH.

AGGREGATE FOR TEMPORARY ACCESS 391 TON
- THE CONTRACTOR SHALL RELOCATE ALL TRAFFIC SIGNS, MAILBOXES, AND PARKING METERS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROJECT AND ANY DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. IN ALL LOCATIONS A 4 FOOT MINIMUM ACCESSIBLE PATH IS REQUIRED ADJACENT TO TRAFFIC SIGNS MAILBOXES, AND PARKING METERS.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO NEAREST EDGE OF PAVEMENT.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

16. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

- | | |
|---|--|
| CITY OF BELLEVILLE (SEWER)
450 ENVIRONMENTAL DRIVE
BELLEVILLE, ILLINOIS
(618) 233-7146 | ILLINOIS AMERICAN WATER (WATER)
100 N. WATERWORKS DRIVE
BELLEVILLE, ILLINOIS
(618) 277-7450 |
| AT&T
317 WEST MAIN ST.
BELLEVILLE, ILLINOIS 62220
(618) 277-2288 | CHARTER COMMUNICATIONS
314 WEST MAIN STREET
BELLEVILLE, ILLINOIS
(618) 277-0760 |
| AMEREN IP (GAS & ELECTRIC)
1050 WEST BLVD
BELLEVILLE, ILLINOIS
(800) 755-5000 | |

- HOT-MIX ASPHALT SURFACING AND LEVEL BINDER QUANTITIES HAVE BEEN DETERMINED USING AN APPLICATION RATE OF 112 LB/SQ YD/INCH. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED TO THE EXISTING BRICK AND PROPOSED LEVEL BINDER AT A RATE OF 0.025 LB/SQ FT.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR PCC SIDEWALK 4"
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH THE FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE CITY OF BELLEVILLE WILL PROVIDE ALL REFERENCE POINTS OR BENCHMARKS AS NEEDED BY THE CONTRACTOR TO CONSTRUCT THE IMPROVEMENTS AS PROPOSED HEREIN. CONTRACTOR SHALL PERFORM THEIR OWN CONSTRUCTION STAKING.
- OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS WILL NOT BE PERMITTED.
- THE EXISTING RAISED ISLAND AT THE INTERSECTION OF NORTH OAK STREET AND EAST A STREET SHALL BE REMOVED AS SHOW IN THE PLANS. THE CURB AND GUTTER SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR COMBINATION CURB AND GUTTER REMOVAL. THE CONCRETE MEDIAN SURFACE SHALL BE REMOVED AND THE PAVEMENT SHALL BE PATCHED AND PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS C PATCHES, TYPE III, 10 INCH. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMMITMENTS

- LIMESTONE COLORED CONCRETE WILL BE UTILIZED TO REPLACE THE EXISTING CRUMBLING LIME STONE CURBING.

LEGEND & SYMBOLS

- BENCHMARK
- CONTROL POINT (CONTROL PT)
- EXISTING LIGHT POLE
- EXISTING NON-TRAFFIC SIGN
- EXISTING POWER POLE
- EXISTING TRAFFIC SIGN
- EXISTING TREE
- EXISTING SHRUB
- EXISTING EVERGREEN TREE
- REMOVE EXISTING TREE
- EXISTING TELEPHONE JUNCTION BOX
- EXISTING WATER VALVE
- EXISTING BURIED ELECTRIC
- EXISTING GAS LINE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER/CULVERT
- EXISTING OVERHEAD ELECTRIC
- EXISTING TREELINE
- EXISTING WATERLINE
- EXISTING RIGHT OF WAY LINE

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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SHEET TITLE: GENERAL NOTES

PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	2
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 2 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

PREPARED BY: **Kaskaskia Engineering Group, LLC**

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO. 194-004773
20-5080586

208 East Main Street, Suite 100
Belleville, Illinois 62220
618.233.5877 Phone
618.233.5977 Fax
www.kaskaskiaeng.com

SUMMARY OF QUANTITIES

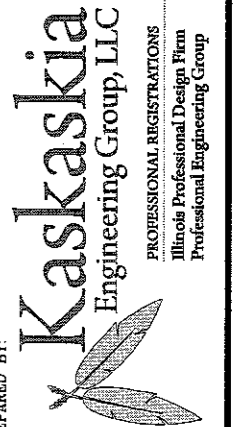
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
28000500	INLET AND PIPE PROTECTION	EACH	25
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	211
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	391
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,093
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1,327
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	767
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	24.2
42001300	PROTECTIVE COAT	SQ YD	1,113
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	270
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	566
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	17,372
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	4,246
42400800	DETECTABLE WARNINGS	SQ FT	646
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	873
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,104
44000600	SIDEWALK REMOVAL	SQ FT	21,352
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	3
44201853	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	70
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	19
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	5
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	13
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	2
60261100	INLETS TO BE ADJUSTED WITH NEW TYPE 9 FRAME AND GRATE	EACH	3
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	3
60261500	INLETS TO BE ADJUSTED WITH NEW TYPE 15 FRAME AND GRATE	EACH	9
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,326.0
67100100	MOBILIZATION	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,572
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	152
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,503
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,379
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	132
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	362
72000100	SIGN PANEL - TYPE 1	SQ FT	11
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	25
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	152
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,503
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,379
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	132
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	362
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	30
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	401
87800200	DRILL EXISTING HANDHOLE	EACH	3
88600100	DETECTOR LOOP, TYPE 1	FOOT	539

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
LR430040	PAVING BRICK SIDEWALK	SQ YD	305
X0326859	PAVEMENT IMPRINTING	SQ YD	84
X0326864	BRICK SIDEWALK REMOVAL	SQ FT	3,188
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	1,000
X0327985	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1,793
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9,211
X8060048	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)	FOOT	125.5
X8064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	1,669.5
X7010218	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
X8140115	HANDHOLE TO BE ADJUSTED	EACH	3
Z0012450	CONCRETE STEPS	CU YD	1.5

Δ SPECIALTY ITEMS

208 East Main Street, Suite 100
Belleville, Illinois 62210
618.233.5877 phone
618.233.5977 fax
www.kaskaskiaeng.com



PREPARED BY:

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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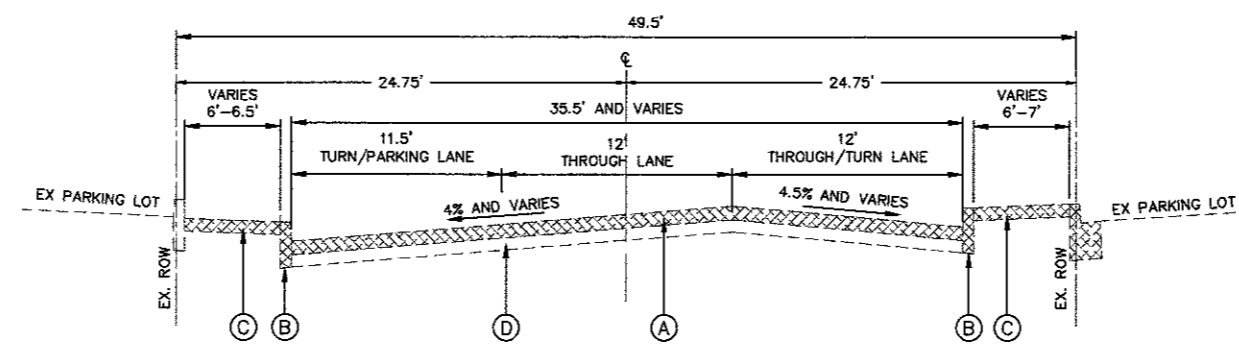
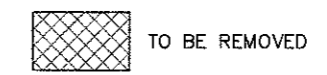
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SUMMARY OF QUANTITIES

PROJECT TITLE:
**EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

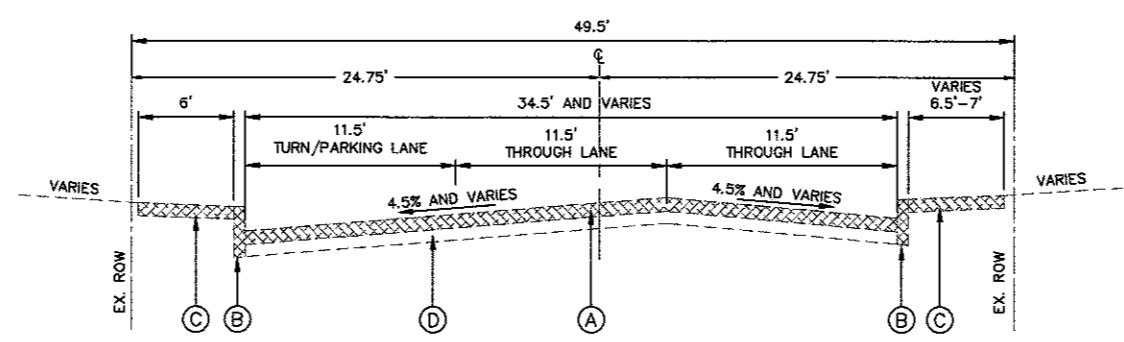
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DRAWN BY: TJH	3
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 3 OF 32 SHEETS	
PROJECT NUMBER 15-1011.01	

EXISTING LEGEND

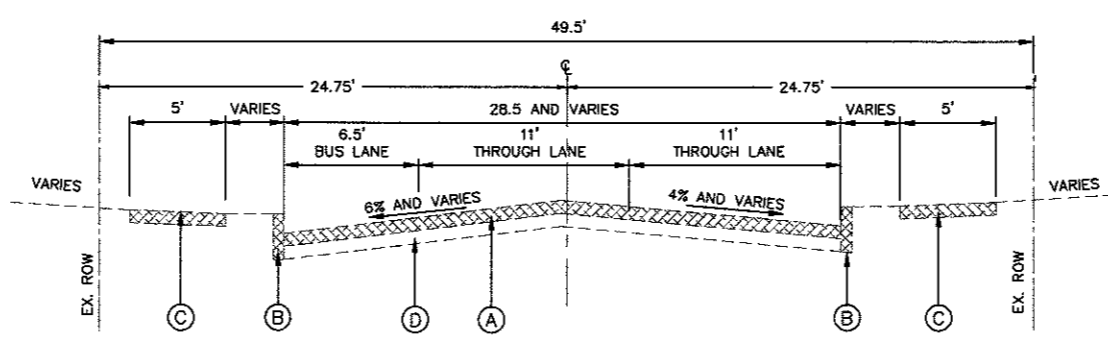
- (A) EXISTING 4" ASPHALT PAVEMENT
- (B) EXISTING BARRIER CURB, 6"
- (C) EXISTING CONCRETE SIDEWALK
- (D) EXISTING BRICK PAVEMENT
- (E) EXISTING LIMESTONE BARRIER CURB, 6"
- (F) EXISTING BRICK/CONCRETE SIDEWALK (LOCATION/MATERIAL VARIES FROM PROPERTY TO PROPERTY)



EXISTING TYPICAL SECTION - EAST A STREET
STA. 100+30.34 TO STA. 103+98.17



EXISTING TYPICAL SECTION - EAST A STREET
STA. 103+98.17 TO STA. 107+76.37



EXISTING TYPICAL SECTION - EAST A STREET
STA. 107+76.37 TO STA. 111+55.61

208 East Main Street, Suite 100
Belleville, Illinois 62220
618.233.5877 Phone
618.233.5977 Fax
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LICENSURE NO. 194-004773
20-5080586

PREPARED BY: **Kaskaskia Engineering Group, LLC**

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

CONTRACT NO. 87652
SEC. NO. 14-00220-00-RS

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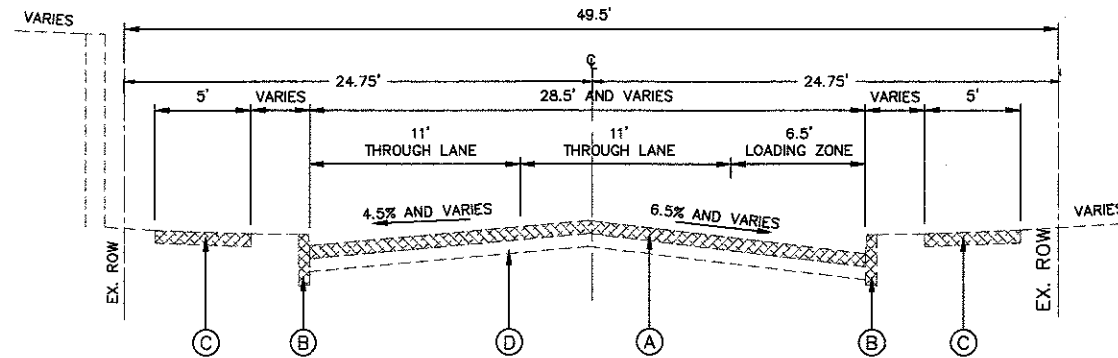
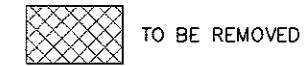
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PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

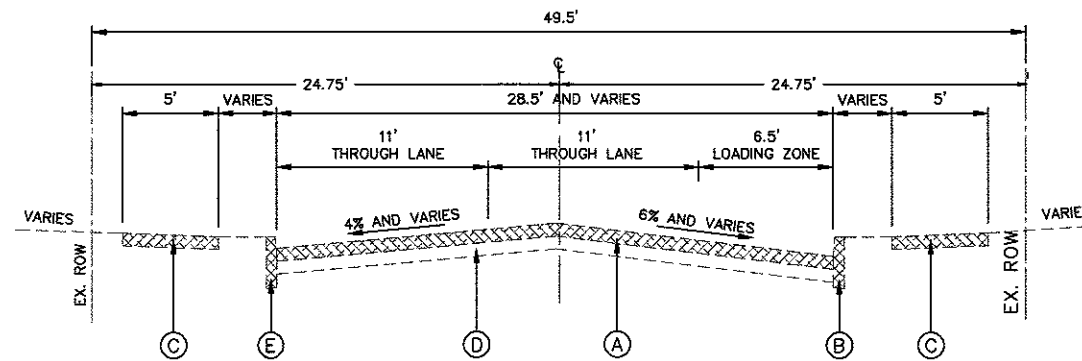
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DRAWN BY: TJH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 4 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

EXISTING LEGEND

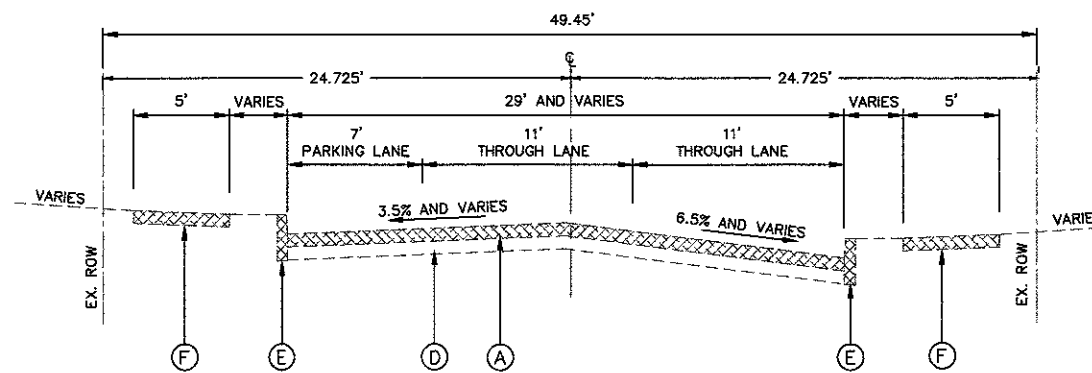
- (A) EXISTING 4" ASPHALT PAVEMENT
- (B) EXISTING BARRIER CURB, 6"
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- (E) EXISTING LIMESTONE BARRIER CURB, 6"
- (F) EXISTING BRICK/CONCRETE SIDEWALK (LOCATION/MATERIAL VARIES FROM PROPERTY TO PROPERTY)



EXISTING TYPICAL SECTION - EAST A STREET
STA. 111+55.61 TO STA. 114+84.11



EXISTING TYPICAL SECTION - EAST A STREET
STA. 114+84.11 TO STA. 118+82.66



EXISTING TYPICAL SECTION - EAST A STREET
STA. 118+82.66 TO STA. 123+18.46

208 East Main Street, Suite 100
Belleville, Illinois 62220
618.233.3877 phone
618.233.3977 fax
www.kaskaskiaeng.com

PREPARED BY: **Kaskaskia Engineering Group, LLC**

PROFESSIONAL REGISTRATIONS:
Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO. 184.004773
20-5080586

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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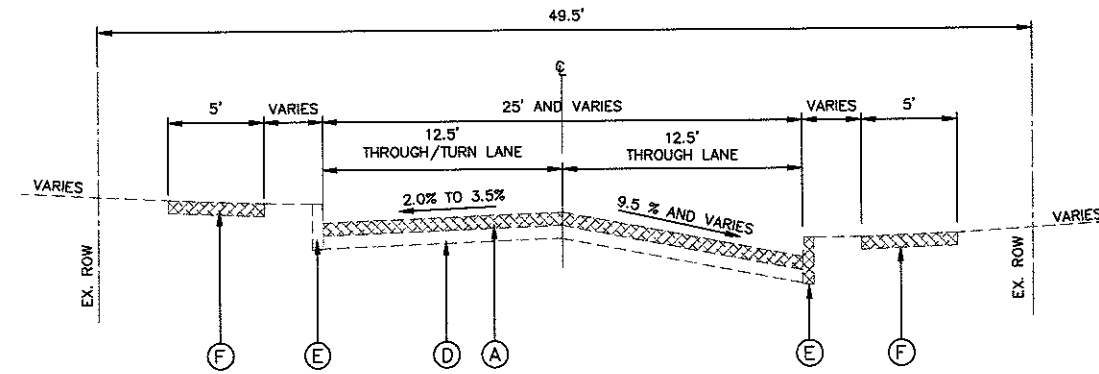
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PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

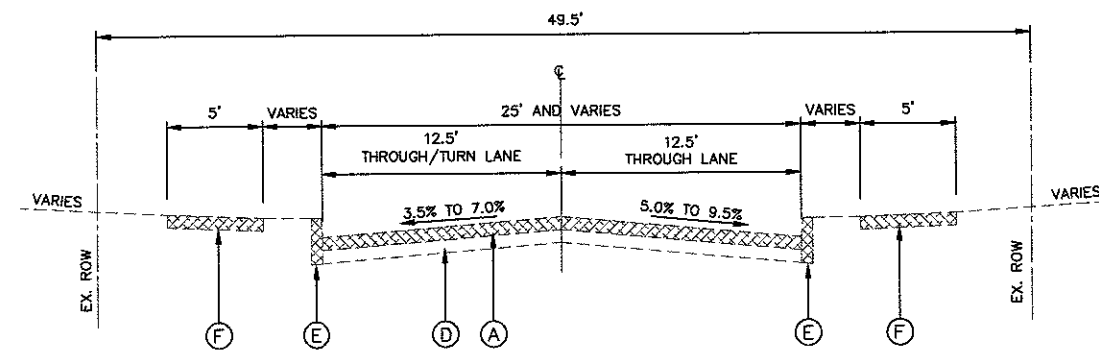
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DRAWN BY: TJH	5
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 5 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

EXISTING LEGEND

- (A) EXISTING 4" ASPHALT PAVEMENT
- (B) EXISTING BARRIER CURB, 6"
- (C) EXISTING CONCRETE SIDEWALK
- (D) EXISTING BRICK PAVEMENT
- (E) EXISTING LIMESTONE BARRIER CURB, 6"
- (F) EXISTING BRICK/CONCRETE SIDEWALK (LOCATION/MATERIAL VARIES FROM PROPERTY TO PROPERTY)



EXISTING TYPICAL SECTION - NORTH OAK STREET
STA. 10+61.58 TO STA. 11+50.00



EXISTING TYPICAL SECTION - NORTH OAK STREET
STA. 11+50.00 TO STA. 13+82.00

208 East Main Street, Suite 100
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Kaskaskia
Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO. 184.004773
20-5080586

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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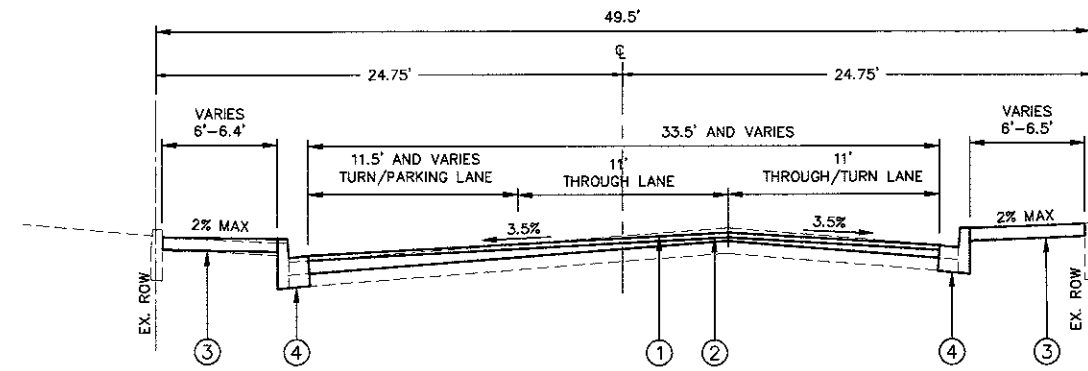
SHEET TITLE: TYPICAL SECTIONS

PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

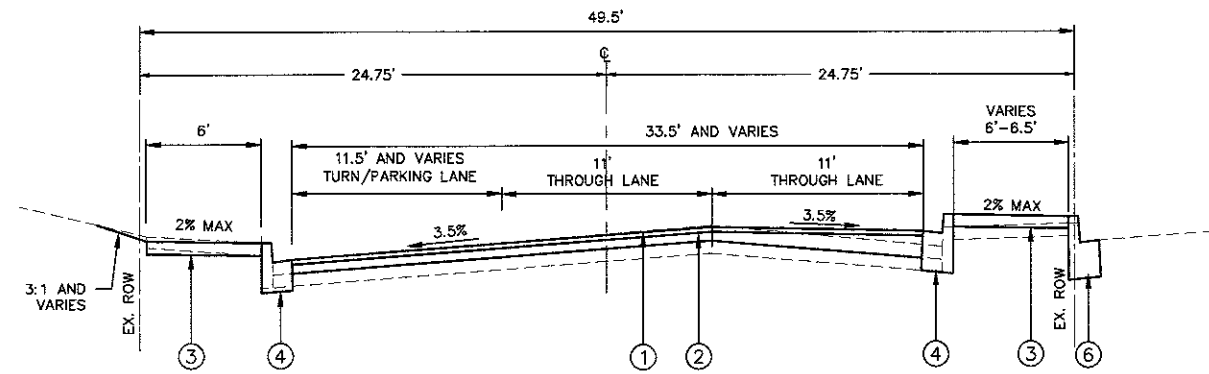
DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	6
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 6 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

PROPOSED LEGEND

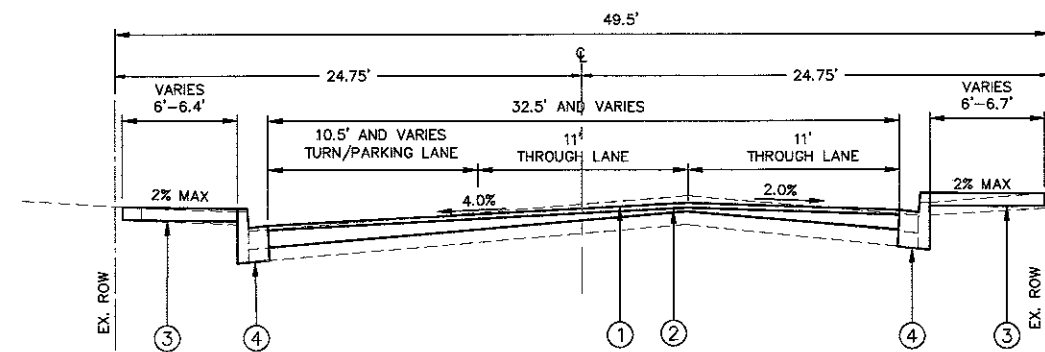
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, VARIABLE
- ③ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- ⑦ PAVING BRICK SIDEWALK



PROPOSED TYPICAL SECTION — EAST A STREET
STA. 100+30.34 TO STA. 102+05.53



PROPOSED TYPICAL SECTION — EAST A STREET
STA. 102+05.53 TO STA. 103+98.17



PROPOSED TYPICAL SECTION — EAST A STREET
STA. 103+98.17 TO STA. 107+76.37

HMA MIXTURE DESIGN TABLE		
MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=70	4.0% NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"

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PREPARED BY:

CONTRACT NO. 07652
SEC. NO. 14-00220-00-RS

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TYPICAL SECTIONS

SHEET TITLE:

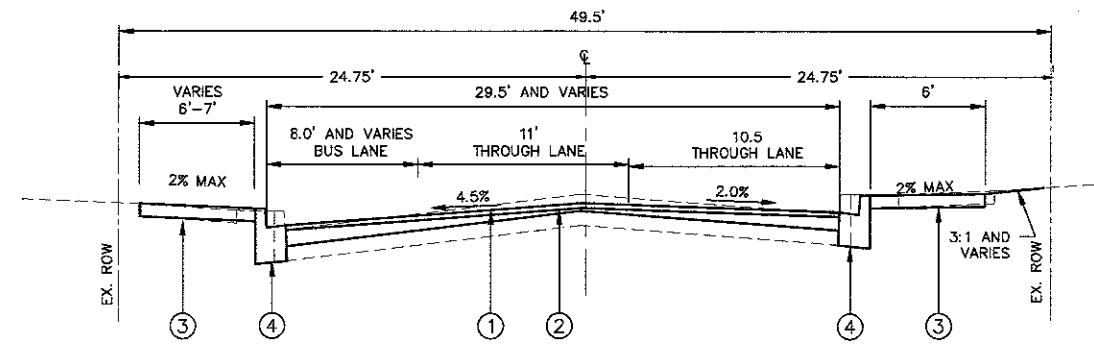
EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

PROJECT TITLE:

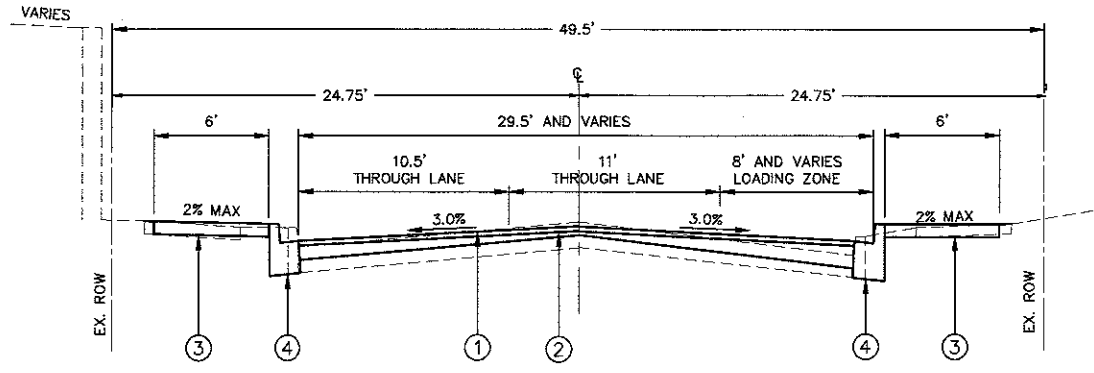
DESIGNED BY: TJH	7	SHEET
DRAWN BY: TJH		
CHECKED BY: JLT		
DATE OF PRELIMINARY: 3/23/2017		
DATE OF FINAL: 6/2/2017		
SHEET NO. 7 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

PROPOSED LEGEND

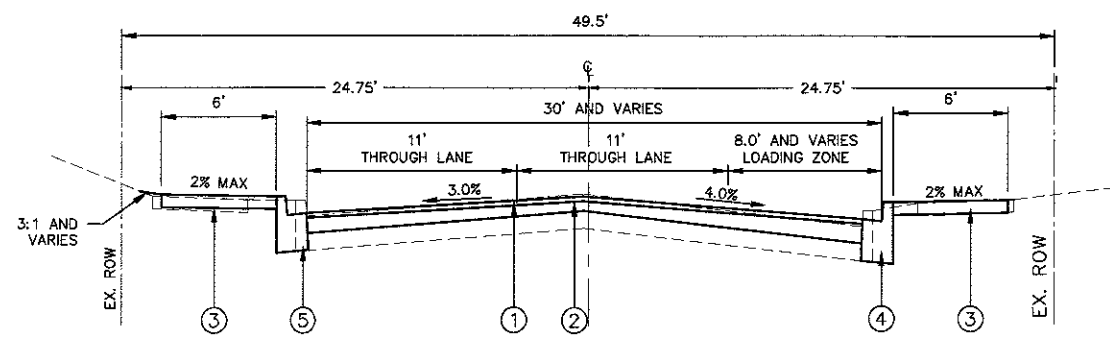
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- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- ⑦ PAVING BRICK SIDEWALK



PROPOSED TYPICAL SECTION – EAST A STREET
STA. 107+76.37 TO STA. 111+55.61



PROPOSED TYPICAL SECTION – EAST A STREET
STA. 111+55.61 TO STA. 114+84.11



PROPOSED TYPICAL SECTION – EAST A STREET
STA. 114+84.11 TO STA. 118+82.66

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=70	4.0% NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"

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PREPARED BY: **Kaskadia Engineering Group, LLC**

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
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LICENSE NO. 184-004773
26-5080586

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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TYPICAL SECTIONS

EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

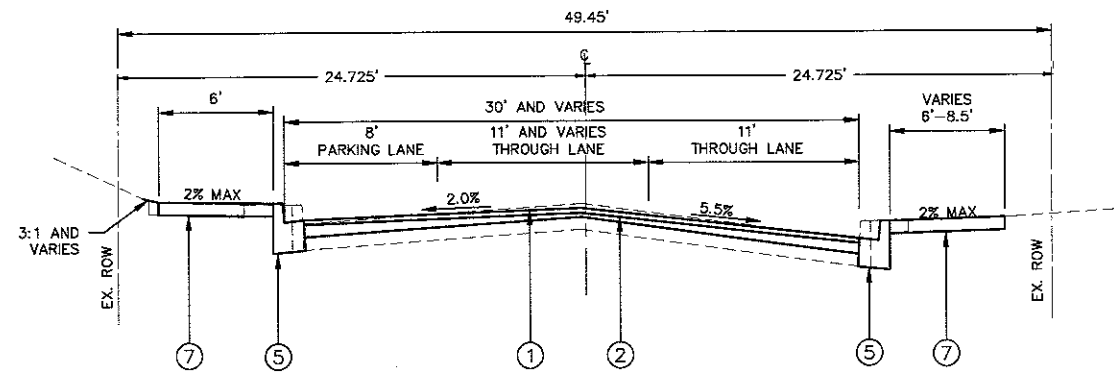
SHEET TITLE:

PROJECT TITLE:

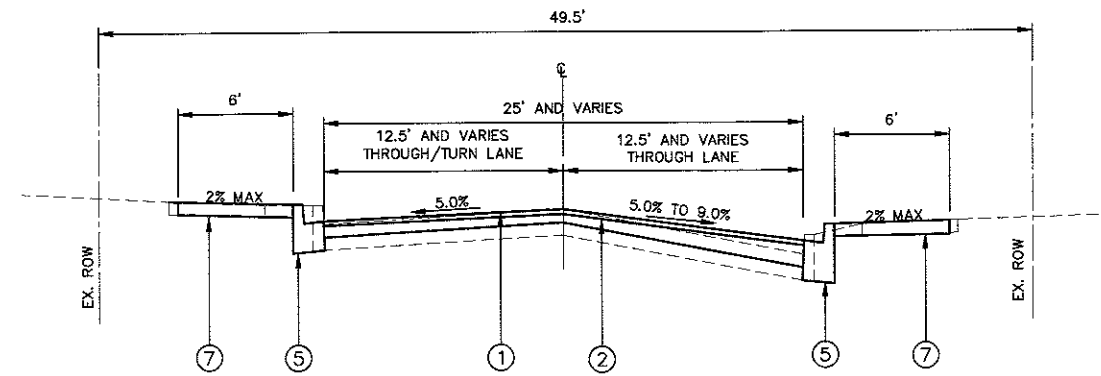
DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	
CHECKED BY: JLT	8
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 8 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

PROPOSED LEGEND

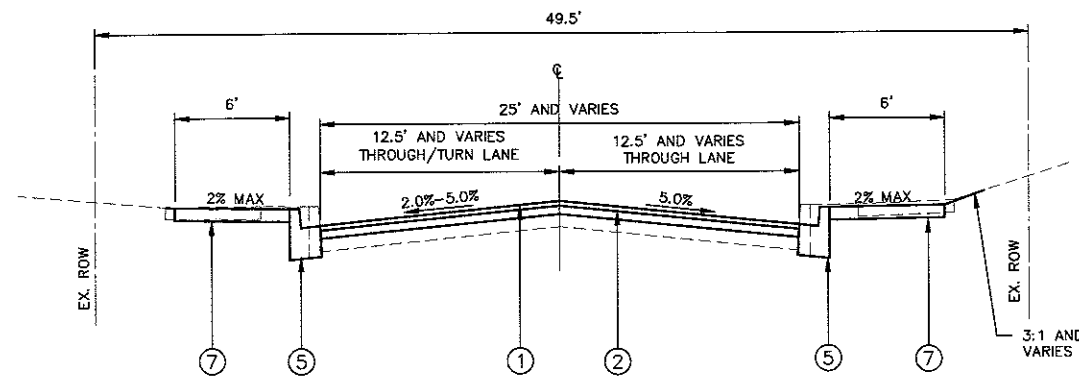
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- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- ⑦ PAVING BRICK SIDEWALK



PROPOSED TYPICAL SECTION – EAST A STREET
STA. 118+82.66 TO STA. 123+18.46



PROPOSED TYPICAL SECTION – OAK STREET
STA. 10+61.58 TO STA. 11+50.00



PROPOSED TYPICAL SECTION – OAK STREET
STA. 11+50.00 TO STA. 13+82.00

HMA MIXTURE DESIGN TABLE

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=70	4.0% NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"

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CONTRACT NO. 97652
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SHEET TITLE: TYPICAL SECTIONS

PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH SHEET

DRAWN BY: TJH

CHECKED BY: JLT

DATE OF PRELIMINARY: 3/23/2017

DATE OF FINAL: 6/2/2017

SHEET NO. 9 OF 52 SHEETS

PROJECT NUMBER 15-1011.01

9

PAVEMENT MARKING SCHEDULE

STATION	THPL PVT MK LTR & SYM (SQ FT) WHITE	THPL PVT MK LINE 4 (FOOT) WHITE	THPL PVT MK LINE 6 (FOOT) WHITE	THPL PVT MK LINE 8 (FOOT) WHITE	THPL PVT MK LINE 12 (FOOT) WHITE
EAST A STREET					
100+00 TO 103+98	84	354	351		118
103+98 TO 107+77	32	453	274		43
107+77 TO 111+56		80	253		30
111+56 TO 114+84		69	254		62
114+84 TO 118+83		83	247		27
118+83 TO 123+44	4	414		132	82
NORTH OAK STREET					
10+00 TO 13+35	32	50			
TOTAL	152	1,503	1,379	132	362

EROSION CONTROL SCHEDULE

STATION	OFFSET	INLET & PIPE PROTECT (EACH)
EAST A STREET		
100+00 TO 103+98	LT & RT	4
103+98 TO 107+77	LT & RT	6
107+77 TO 111+56	LT & RT	3
111+56 TO 114+84	LT & RT	4
114+84 TO 118+83	LT & RT	4
118+83 TO 123+44	LT & RT	2
NORTH OAK STREET		
10+00 TO 13+35	LT & RT	2
TOTAL		25

TEMPORARY PAVEMENT MARKING SCHEDULE

STATION	SHORT TERM PAVT MKING (FOOT) WHITE	TEMP PVT LTR & SYM (SQ FT) WHITE	TEMP PVT MK LINE 4 (FOOT) WHITE	TEMP PVT MK LINE 6 (FOOT) WHITE	TEMP PVT MK LINE 8 (FOOT) WHITE	TEMP PVT MK LINE 12 (FOOT) WHITE	TEMP PVT MRKG REM (SQ FT) WHITE
EAST A STREET							
100+00 TO 103+98	825	84	354	351		118	496
103+98 TO 107+77	722	32	453	274		43	383
107+77 TO 111+56	435		80	253		30	183
111+56 TO 114+84	411		89	254		62	212
114+84 TO 118+83	605		83	247		27	178
118+83 TO 123+44	346	4	414		132	82	312
NORTH OAK STREET							
10+00 TO 13+35	228	32	50				49
TOTAL	3,572	152	1,503	1,379	132	362	1,793

PAVEMENT PATCHING SCHEDULE

STATION	OFFSET	CL C PATCH T1 10 (SQ YD)	CL C PATCH T2 10 (SQ YD)	CL PATCH T3 10 (SQ YD)
EAST A STREET				
100+30 TO 100+42	RT		9	
103+65 TO 103+74	RT		5	
103+75 TO 103+83	LT		7	
104+31 TO 104+44	RT			19
104+40 TO 104+48	LT		6	
108+23 TO 108+28	RT	3		
111+10 TO 111+26	RT		6	
111+85 TO 111+99	RT		11	
111+85 TO 111+97	LT		9	
118+10 TO 118+19	RT		5	
NORTH OAK STREET				
13+14 TO 13+22	RT		6	
13+70 TO 13+82	RT		6	
TOTAL		3	70	19

TRAFFIC SIGNAL SCHEDULE

STATION	HANDHOLE TO BE ADJUSTED (EACH)	DETECTOR LOOP, TYPE 1 (FOOT)	UNDRGRD PVC 2 (FOOT)	DRILL EXISTING HANDHOLE (EACH)	ELCBL C LEAD 14 1 PR (FOOT)
EAST A STREET					
100+00 TO 103+98	1	539	30	3	401
103+98 TO 107+77	2				
107+77 TO 111+56					
111+56 TO 114+84					
114+84 TO 118+83					
118+83 TO 123+44					
NORTH OAK STREET					
10+00 TO 13+35					
TOTAL	3	539	30	3	401

INLET & MANHOLE ADJUSTMENT SCHEDULE

STATION	OFFSET	MH TBA T 1 OL (EACH)	MH TBA T 1 CL (EACH)	INLET TBA T 3 F&G (EACH)	INLET TBA T 9 F&G (EACH)	INLET TBA T 11 F&G (EACH)	INLET TBA T 15 F&G (EACH)
EAST A STREET							
100+34.79	17.86' RT			1			
101+76.33	16.97' RT						1
103+78.85	20.80' RT						1
103+98.89	0.89' RT		1				
104+17.53	18.83' RT					1	
108+40.49	16.64' LT						
107+47.71	15.79' RT					1	
107+51.52	15.82' RT					1	
107+50.84	16.66' LT		1				
107+50.94	15.83' LT		1				
107+60.72	25.73' LT				1		
107+76.05	0'		1				
107+94.45	17.83' RT	1					
107+93.06	22.14' RT						1
111+36.66	20.33' LT	1					
111+37.75	15.90' RT	1					
111+55.53	1.25' LT		1				
111+73.13	16.26' RT		1				
111+74.08	19.01' LT		1				
111+74.08	17.08' RT						1
111+74.39	20.69' LT						1
114+85.73	17.95' RT						1
114+66.69	16.42' RT		1				
114+67.23	18.44' LT	1					
114+92.9	3.55' LT		1				
115+00.92	16.11' RT		1				
115+02.53	17.27' RT						1
115+00.61	18.51' LT		1				
115+02.25	20.49' LT						1
118+53.65	0.14' LT		1				
118+65.55	17.27' LT						1
118+64.61	18.60' RT				1		
118+82.33	0.20' LT		1				
119+26.32	0.59' LT	1					
122+66.39	17.21' LT				1		
122+99.98	17.36' LT						1
TOTAL		5	13	2	3	3	9

CURB & GUTTER SCHEDULE

STATION	OFFSET	COMB CURB GUTTER REM (FOOT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.18 (SPECIAL) (FOOT)	PROTECTIVE COAT (SQ YD)
EAST A STREET						
100+00 TO 103+98	LT & RT	906	812.5		125.5	181
103+98 TO 107+77	LT & RT	733	732.5			163
107+77 TO 111+56	LT & RT	742	741.0			185
111+56 TO 114+84	LT & RT	648	646.0			144
114+84 TO 118+83	LT & RT	792	394.0	393.5		175
118+83 TO 123+44	LT & RT	830		829.5		185
NORTH OAK STREET						
10+00 TO 13+35	LT & RT	453		446.5		100
TOTAL		5,104	3,326.0	1,669.5	125.5	1,113

PAVEMENT SCHEDULE

STATION	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	HMA SC "D" N70 (TON)	LEV BIND MM N70 (TON)	HMA SURF REM VAR DP (SQ YD)	PAVT IMPRINTING (SQ YD)
EAST A STREET					
100+00 TO 103+98	650	122	230	1511	
103+98 TO 107+77	675	126	255	1575	
107+77 TO 111+56	604	113	167	1342	
111+56 TO 114+84	535	100	163	1188	84
114+84 TO 118+83	636	119	237	1410	
118+83 TO 123+44	681	128	165	1488	
NORTH OAK STREET					
10+00 TO 13+35	312	59	110	697	
TOTAL	4,093	767	1,327	9,211	84

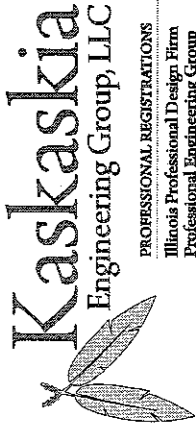
SIDEWALK SCHEDULE

STATION	OFFSET	PC CONC SIDEWALK 4 (SQ FT)	PC CONC SIDEWALK 6 (SQ FT)	PAVING BRICK SIDEWALK (SQ YD)	BRICK SIDEWALK REM (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)	CONCRETE STEPS (CU YD)
EAST A STREET								
100+00 TO 103+98	LT & RT	3,130				114	4,202	
103+98 TO 107+77	LT & RT	3,655				88	4,517	
107+77 TO 111+56	LT & RT	2,536				113	3,439	
111+56 TO 114+84	LT & RT	2,323				137	2,860	
114+84 TO 118+83	LT & RT	2,198		33	230	105	2,885	0.6
118+83 TO 123+44	LT & RT	2,757		123	1,366	95	2,840	
NORTH OAK STREET								
10+00 TO 13+35	LT & RT	773				14	609	0.9
TOTAL		17,372	4,246	305	3,188	646	21,352	1.5

SIGN AND POST SCHEDULE

LOCATION	TYPE	DESCRIPTION	DIMENSIONS		SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	COMMENTS
			W	H			
EAST A STREET							
119+17, 17.8' LT	R3-7	HANDICAP ACCESSIBLE PARKING	12	18	1.50	12.00	
NORTH OAK STREET							
11+39, 17.3' LT	R3-7	LEFT LANE MUST TURN LEFT	36	36	9.00	13.00	
TOTAL					11	26	

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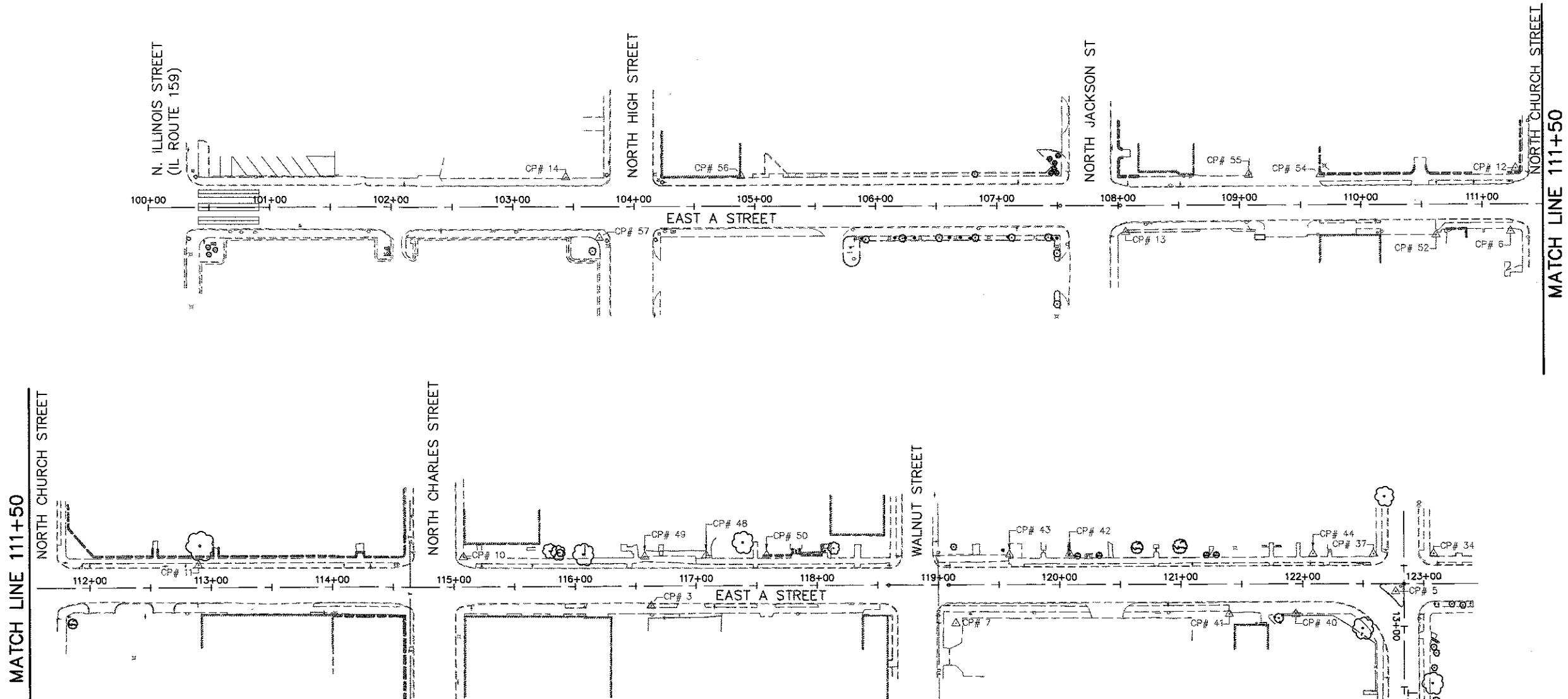
SCHEDULES OF QUANTITIES
 EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	10
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 10 OF 52 SHEETS	
PROJECT NUMBER: 15-1011.01	

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LAST PLOTTED: 6/2/2017 1:32 PM OPERATOR: T.JH

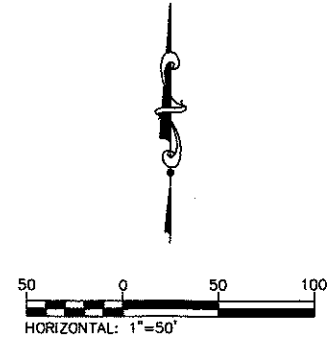


ALIGNMENT COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
EAST A STREET				
POT	672902.52	2348778.94	100+00.00	0.00'
POT	672904.74	2349531.00	107+52.06	0.00'
POT	672904.99	2349580.53	108+01.59	0.00'
POT	672910.36	2350637.90	118+58.98	0.00'
POT	672910.55	2350687.36	119+08.43	0.00'
POT	672912.02	2351123.32	123+44.40	0.00'
NORTH OAK STREET				
POT	672576.93	2351064.02	10+00.00	0.00'
POT	672971.26	2351062.20	13+94.34	0.00'

CONTROL POINTS AND BENCHMARKS

CONTROL POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
EAST A STREET						
3	672892.89	2350441.36	118+62.35	16.48'	524.71'	IRON ROD SET
5	672905.42	2351055.48	122+76.54	6.37'	518.94'	CP PK NAIL
6	672884.54	2349902.18	111+23.13	22.09'	528.78'	IRON ROD SET
7	672879.07	2350693.23	119+14.20	31.50'	523.25'	IRON ROD SET
10	672933.06	2350286.49	115+07.88	-24.49'	526.52'	IRON ROD SET
11	672925.97	2350068.34	112+89.50	-18.50'	527.50'	IRON ROD SET
12	672936.25	2349906.26	111+27.47	-29.61'	532.18'	IRON ROD SET
13	672983.14	2349585.06	108+06.01	21.88'	529.06'	IRON ROD SET
14	672927.96	2349122.57	103+43.70	-24.42'	528.93'	IRON ROD SET
34	672936.75	2351086.73	123+07.89	-24.85'	519.00'	IRON PIPE FOUND
37	672936.45	2351037.24	122+58.40	-24.72'	518.45'	IRON PIPE FOUND
40	672886.79	2350973.13	121+94.13	24.72'	518.84'	IRON ROD FOUND
41	672886.69	2350918.75	121+39.74	24.64'	519.89'	IRON ROD FOUND
42	672936.38	2350786.97	120+08.13	-25.50'	522.57'	IRON PIPE FOUND
43	672835.44	2350737.28	119+58.44	-24.72'	522.60'	IRON PIPE FOUND
44	672936.36	2350987.19	122+08.35	-24.80'	519.43'	IRON PIPE FOUND
48	672934.55	2350486.68	117+08.07	-24.96'	525.96'	IRON PIPE FOUND
49	672933.52	2350435.96	116+57.15	-24.19'	525.57'	IRON PIPE FOUND
50	672934.86	2350536.85	117+58.05	-25.01'	525.96'	IRON PIPE FOUND
52	672881.35	2349840.67	110+61.60	24.95'	528.84'	IRON ROD FOUND
54	672930.57	2349745.00	109+66.19	-24.75'	528.88'	IRON ROD FOUND WITH CAP
55	672930.28	2349686.18	109+07.37	-24.75'	528.77'	SPINDLE
56	672928.90	2349267.44	104+88.57	-24.94'	530.06'	PK NAIL
57	672878.11	2349150.27	103+71.25	25.50'	530.36'	X
NORTH OAK STREET						
8	672822.49	2351046.72	10+45.64	-17.09'	513.78'	IRON ROD SET
9	672556.94	2351074.94	9+79.96	10.83'	512.30'	IRON ROD SET
31	672726.79	2351087.36	11+49.75	24.03'	515.06'	IRON PIPE FOUND
32	672753.08	2351038.70	11+76.26	-24.50'	515.69'	IRON PIPE FOUND
33	672781.82	2351087.07	12+04.78	23.99'	515.70'	IRON PIPE FOUND



CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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SHEET TITLE:
ALIGNMENT, TIES, AND BENCHMARKS

PROJECT TITLE:
**EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: T.JH	SHEET
DRAWN BY: T.JH	11
CHECKED BY: J.L.T.	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 11 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

PREPARED BY:

Kaskaskia Engineering Group, LLC

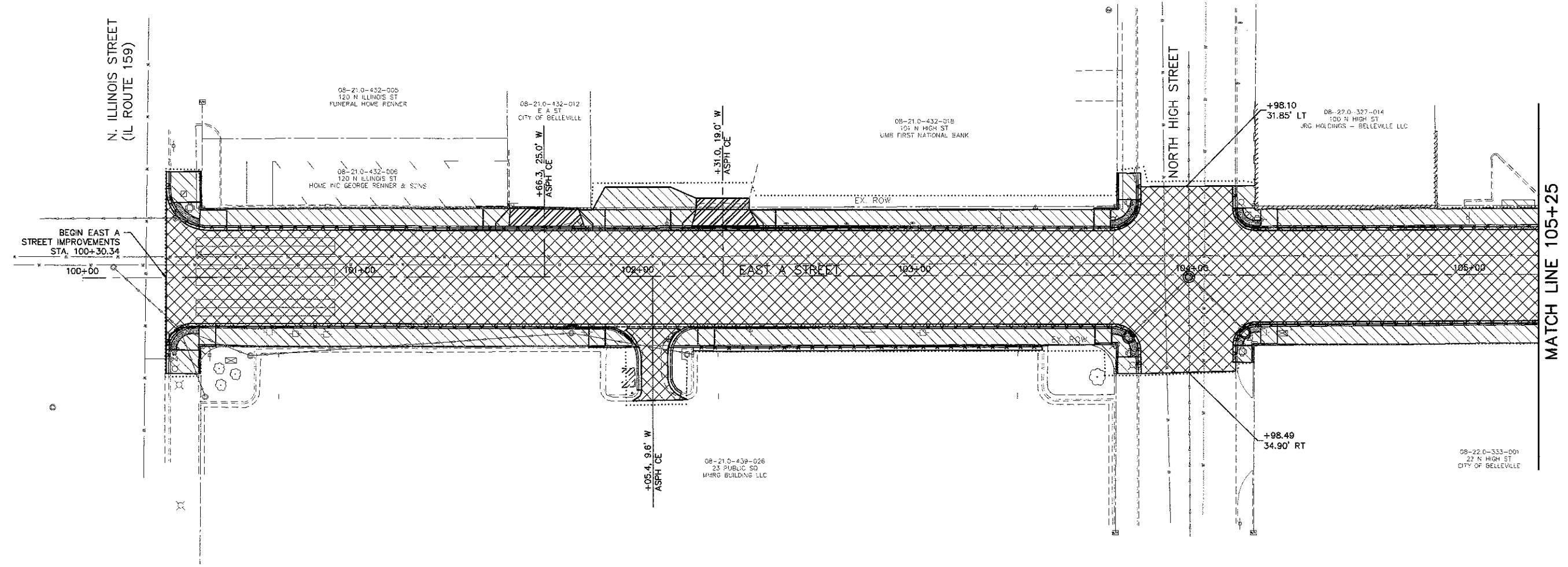
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

208 East Main Street, Suite 100
Belleville, Illinois 62220
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618.233.5977 Fax
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LICENSE NO.
194-004773
20-5080586

FILE: P:\15-1011.01_East A Street Resurfacing\10_CADD\CADD_Sheets\15-1011.01_Removal.dwg

LAST PLOTTED: 6/7/2017 8:10 AM OPERATOR: TJH



- LEGEND**
- ENTRANCE PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - LINEAR REMOVAL
 - PAVEMENT REMOVAL

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LICENSE NO. 184.004773
 20-5080586

PREPARED BY:

Kaskaskia
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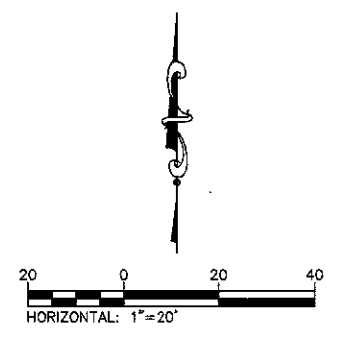
CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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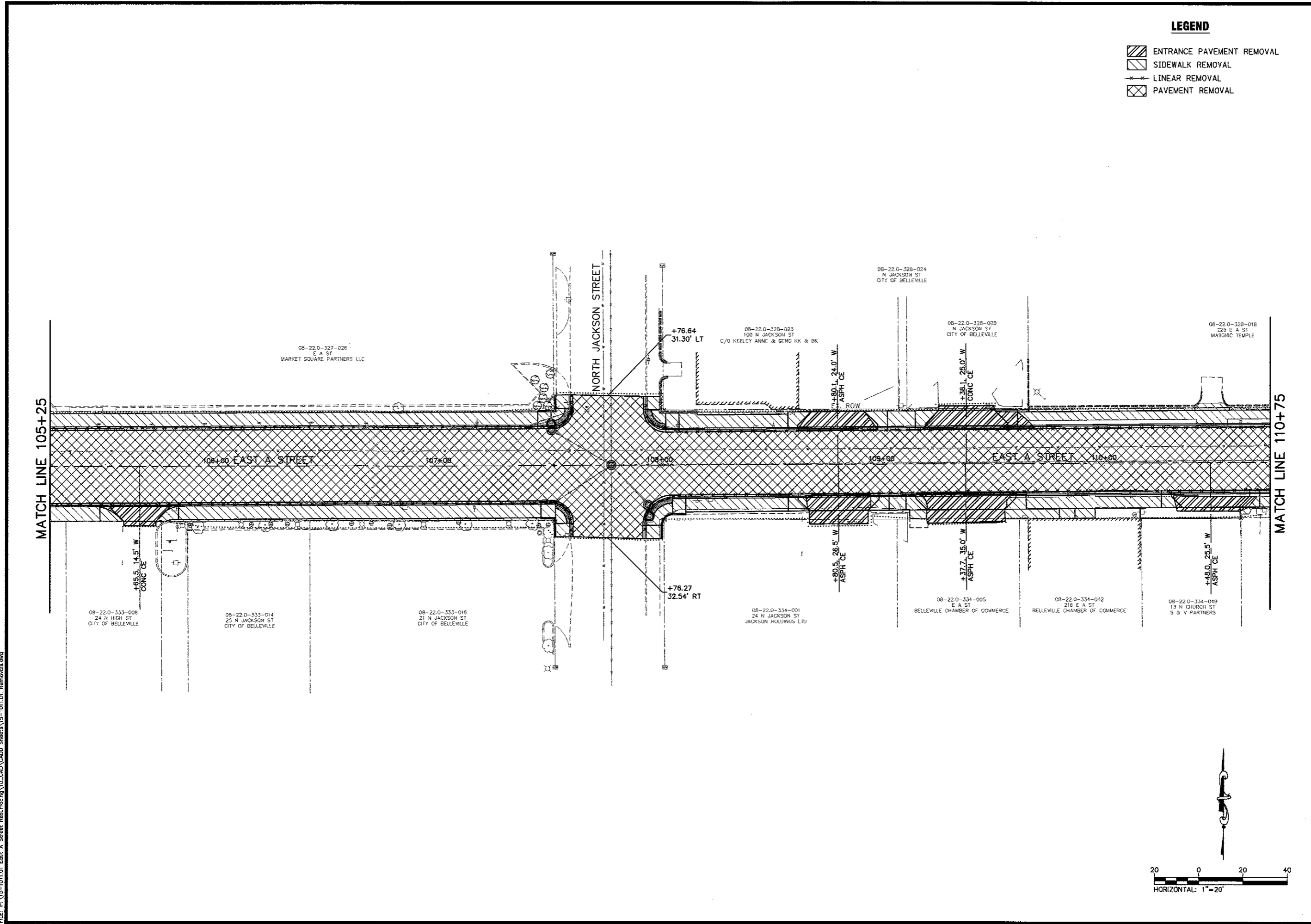
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REMOVAL PLAN

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**





DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	12
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 12 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	




FILE: P:\15-1011.01 East A Street Resurfacing\10_CAD\CADD Sheets\15-1011.01_Removal.dwg



LEGEND

-  ENTRANCE PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR REMOVAL
-  PAVEMENT REMOVAL

PREPARED BY:



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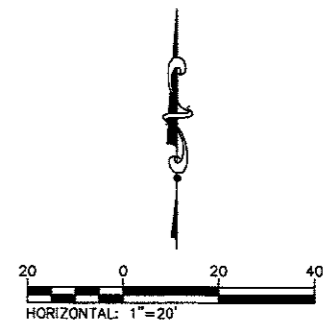
CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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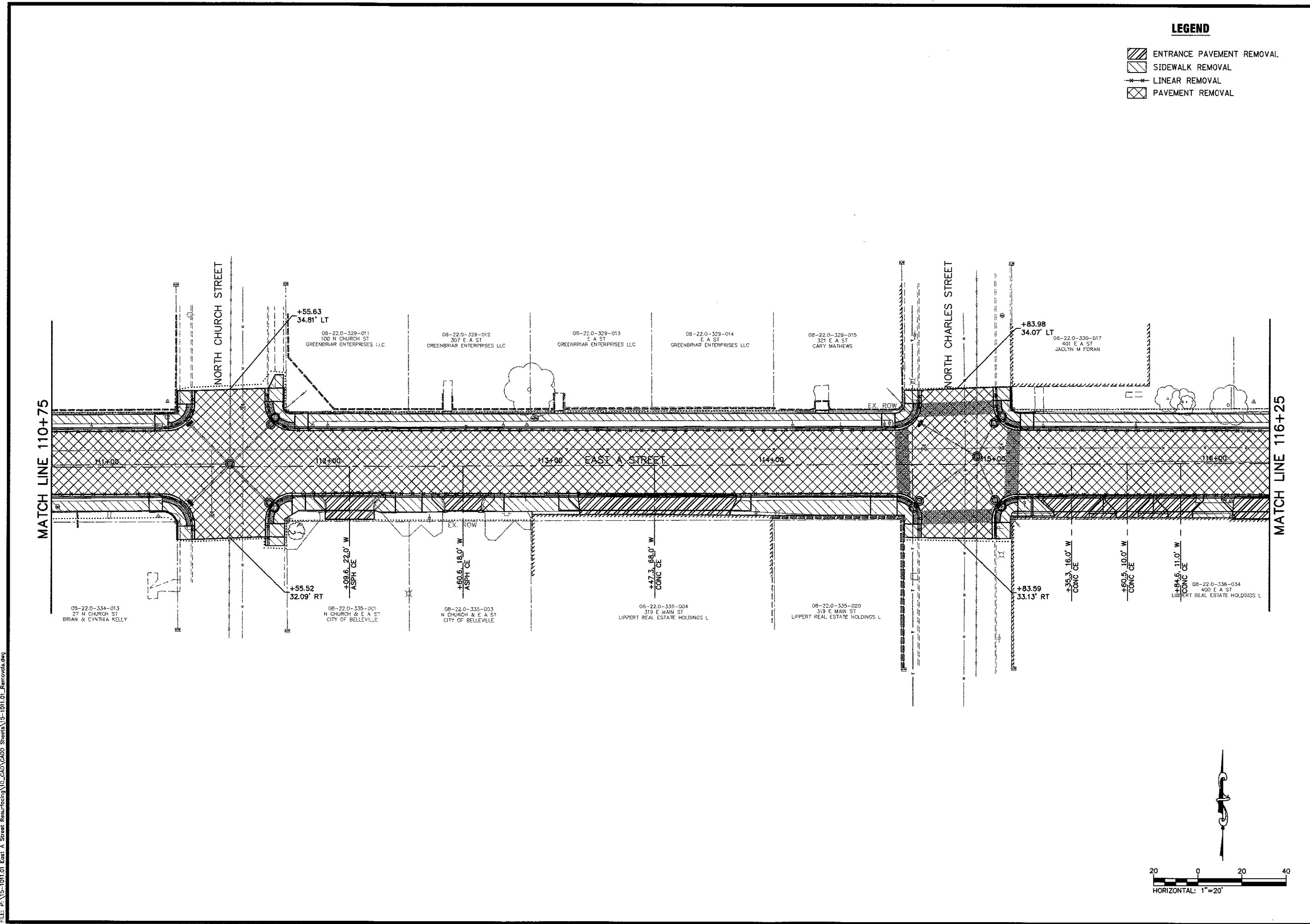
SHEET TITLE:
REMOVAL PLAN

PROJECT TITLE:
**EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**





DESIGNED BY: TJH	SHEET 13
DRAWN BY: TJH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 13 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



FILE: P:\15-1011.01_East A Street Resurfacing\10_CAD\CADD_Sheets\15-1011.01_Removal.dwg



LEGEND

-  ENTRANCE PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR REMOVAL
-  PAVEMENT REMOVAL

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 SEC. NO. 14-00220-00-RS





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SHEET TITLE:
 REMOVAL PLAN

PROJECT TITLE:
 EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	14
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 14 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

LEGEND

-  ENTRANCE PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR REMOVAL
-  PAVEMENT REMOVAL

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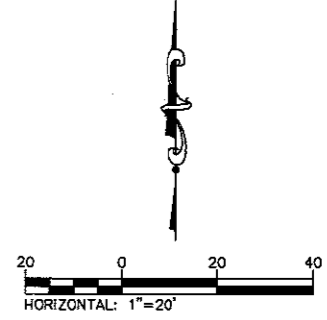
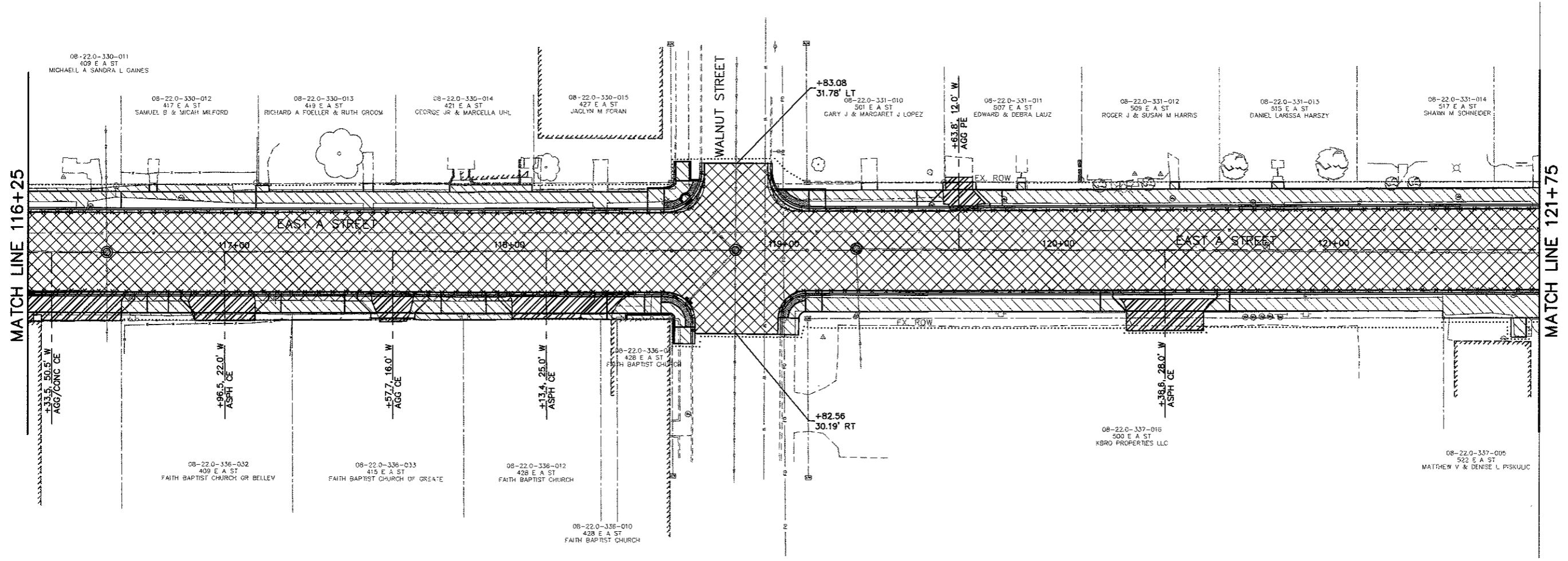
CONTRACT NO. 97652
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REMOVAL PLAN





PROJECT TITLE:
 EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

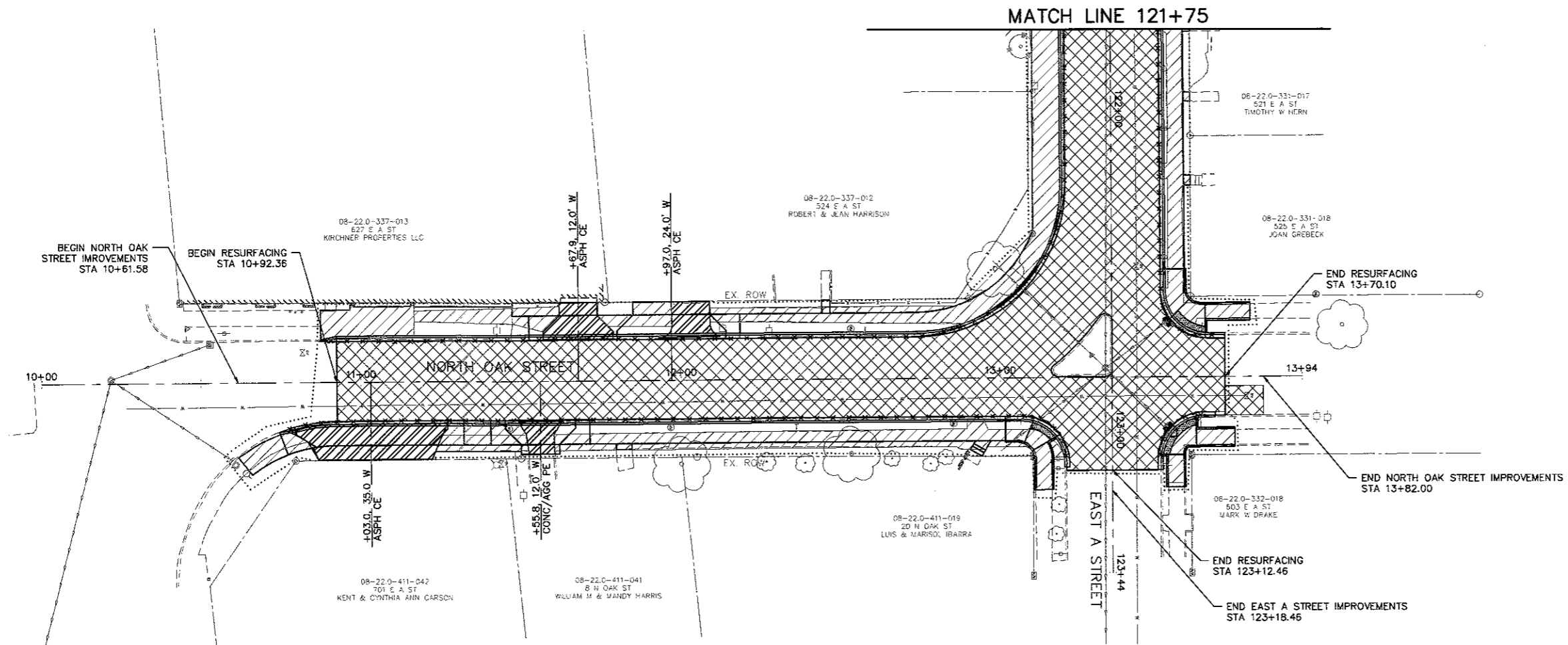
DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	15
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 15 OF 32 SHEETS	
PROJECT NUMBER 15-1011.01	



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LEGEND

-  ENTRANCE PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  LINEAR REMOVAL
-  PAVEMENT REMOVAL



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SEC. NO. 14-00220-00-RS

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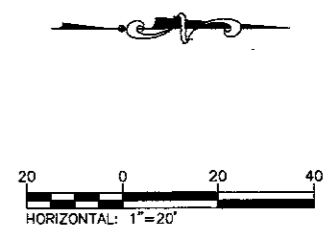
REMOVAL PLAN

EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE: REMOVAL PLAN

PROJECT TITLE: EAST A STREET RESURFACING CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

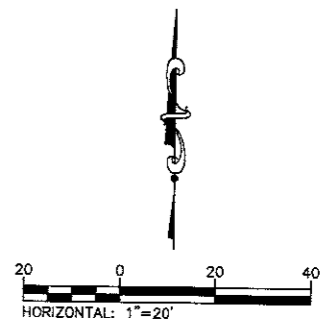
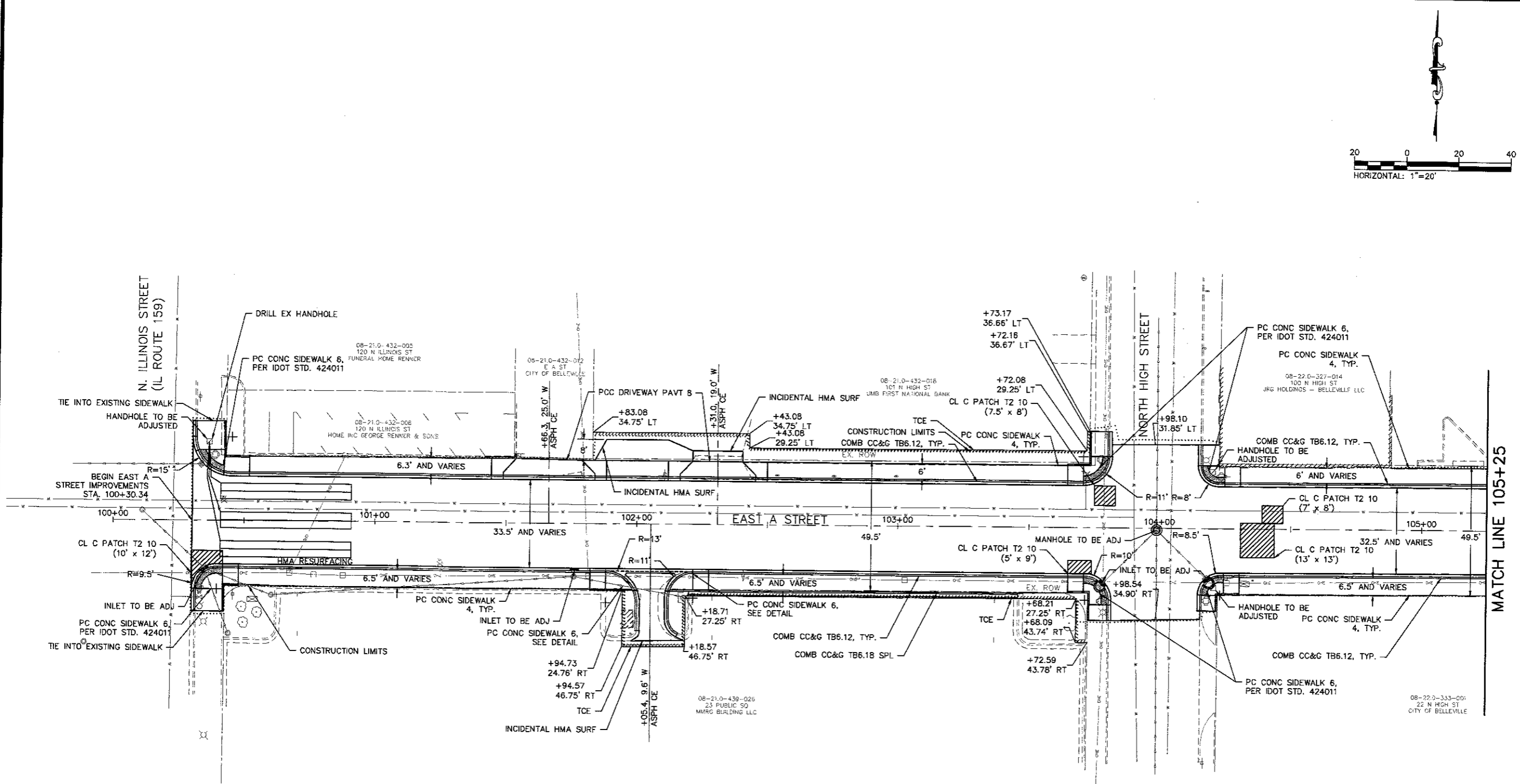
DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	16
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 16 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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LAST PLOTTED: 6/7/2017 8:26 AM OPERATOR: TJH



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CONTRACT NO. 97852
 SEC. NO. 14-00220-00-RS

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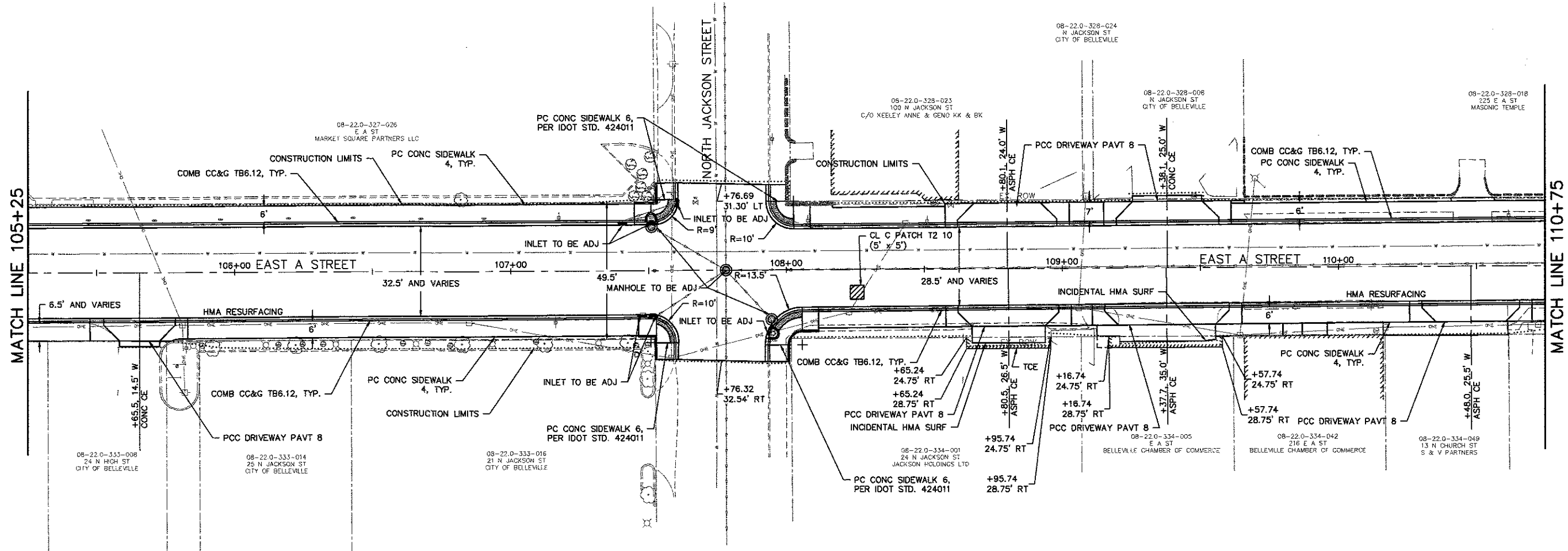
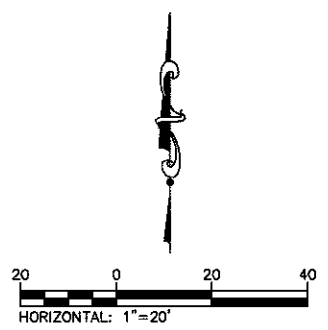
ROADWAY PLAN

EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE: ROADWAY PLAN

PROJECT TITLE: EAST A STREET RESURFACING CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	17
CHECKED BY: ILT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 17 OF 57 SHEETS	
PROJECT NUMBER 15-1011.01	



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 Professional Engineering Group

LICENSE NO.
 184-004773
 20-5080566

PREPARED BY:

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

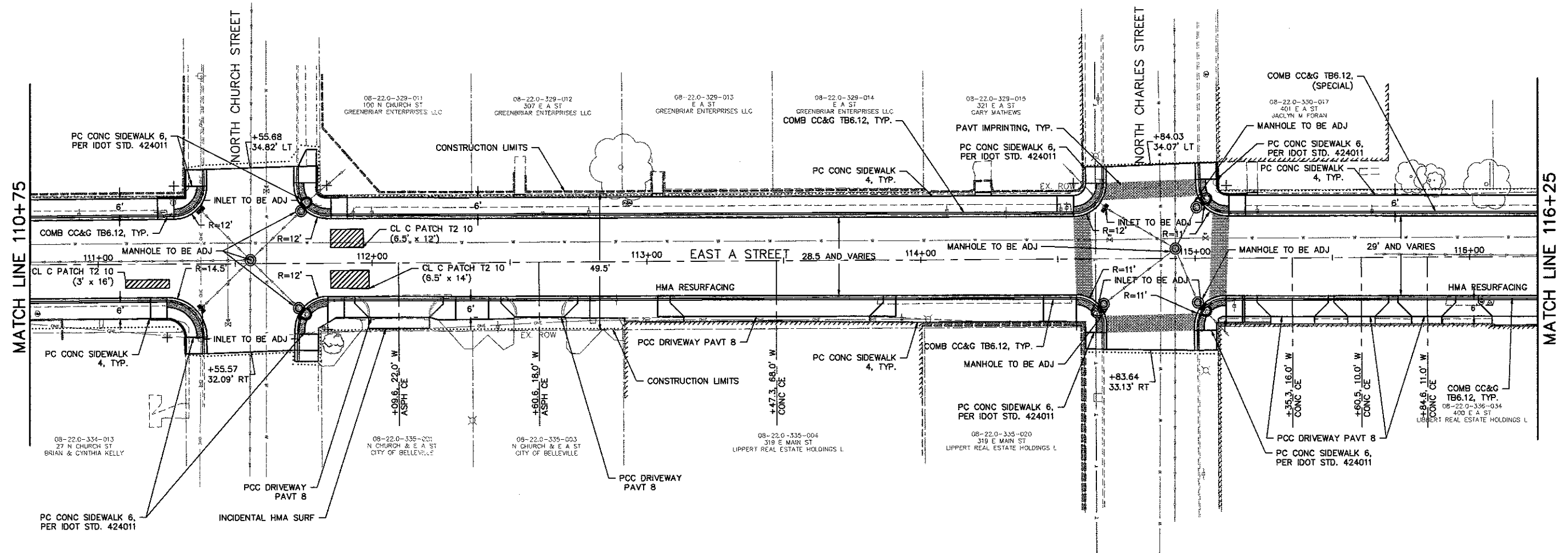
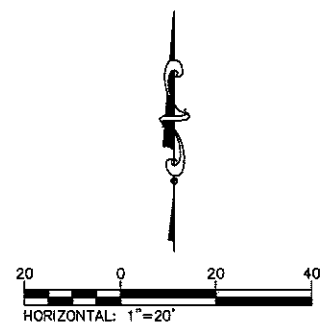
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ROADWAY PLAN

EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	18
DATE OF FINAL:	6/2/2017	
SHEET NO. 18	OF 52 SHEETS	
PROJECT NUMBER	15-1011.01	

FILE: P:\15-1011.01 East A Street Resurfacing\10_CADD\CADD Sheets\15-1011.01_Plan.dwg



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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

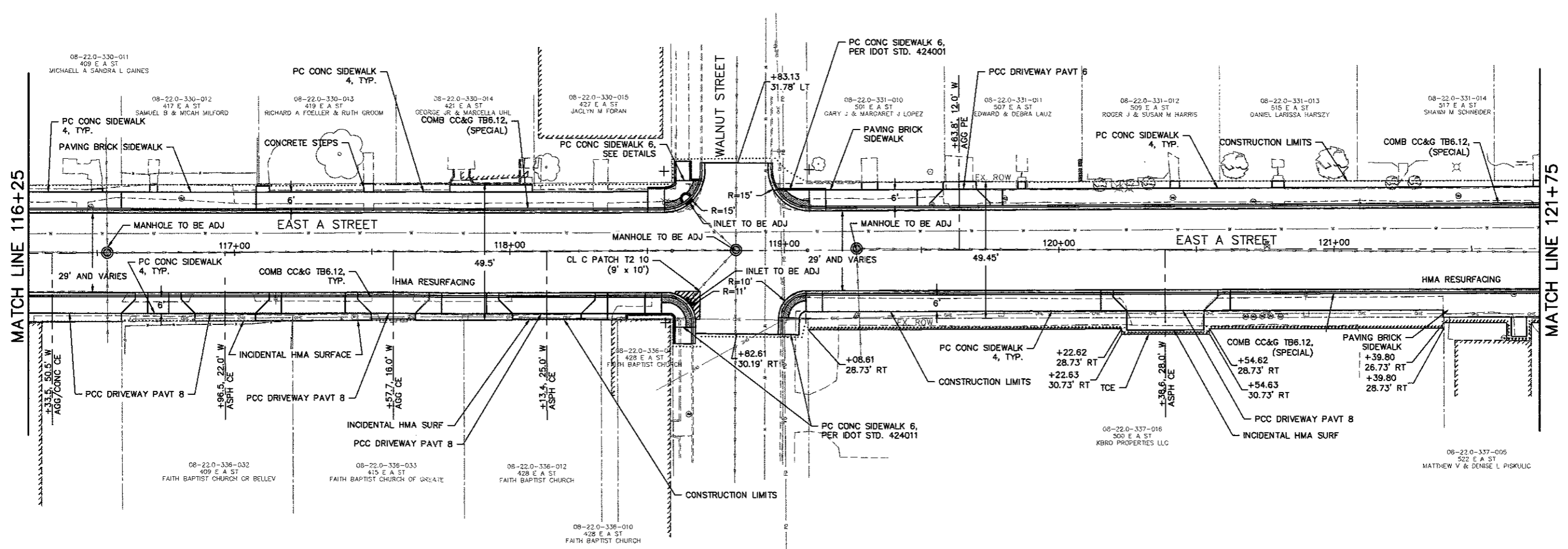
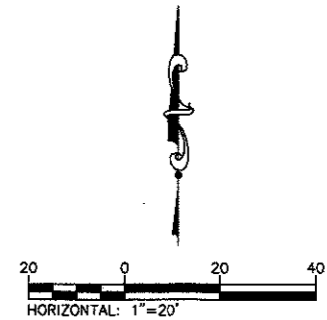
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SHEET TITLE:
ROADWAY PLAN

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	19
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 19 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

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 20-5080586

PREPARED BY:

CONTRACT NO. 97852
 SEC. NO. 14-00220-00-RS

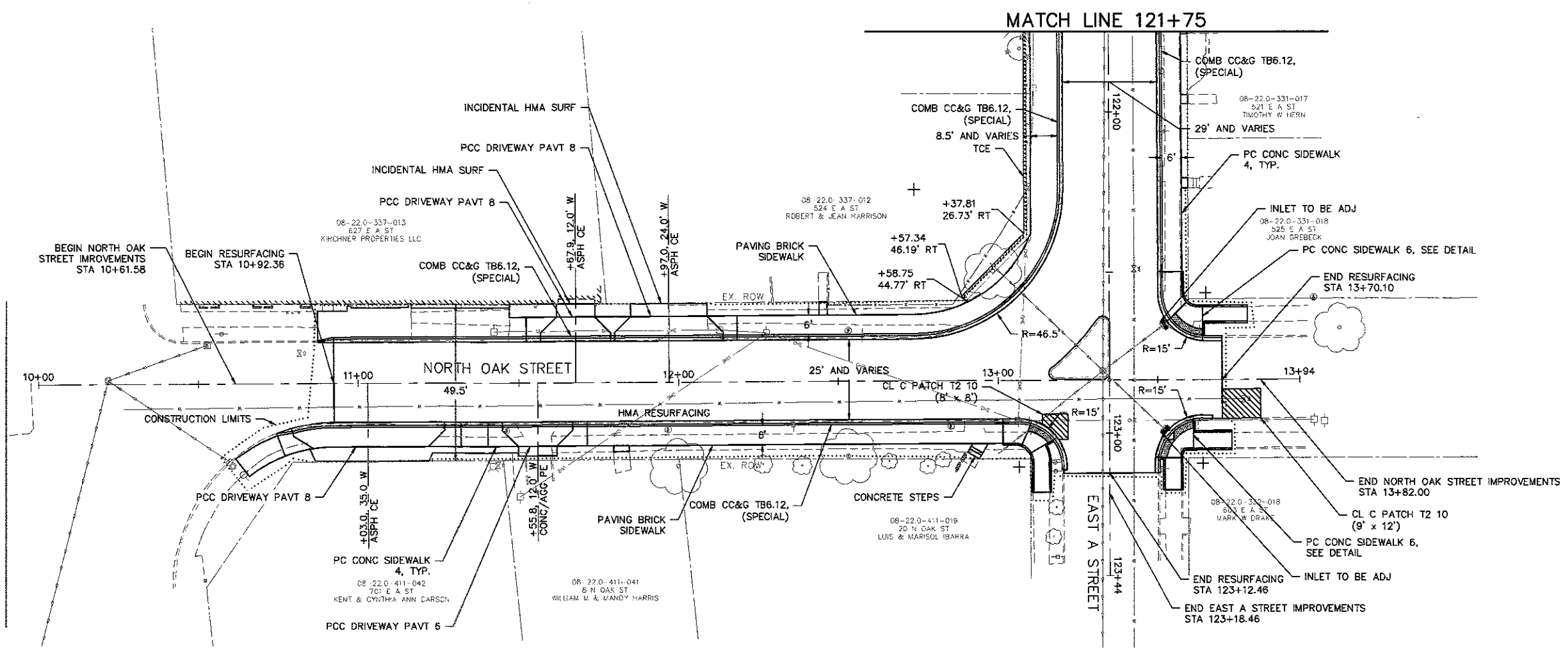
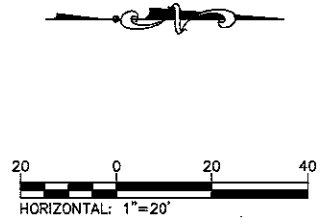
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SHEET TITLE:
ROADWAY PLAN

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	20
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 20 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

FILE: P:\15-1011.01 East A Street Resurfacing\15-1011.01_Plan.dwg



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LICENSE NO.
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 20-5080566

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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ROADWAY PLAN

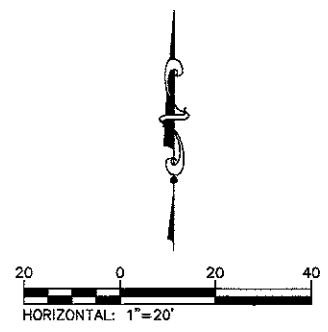
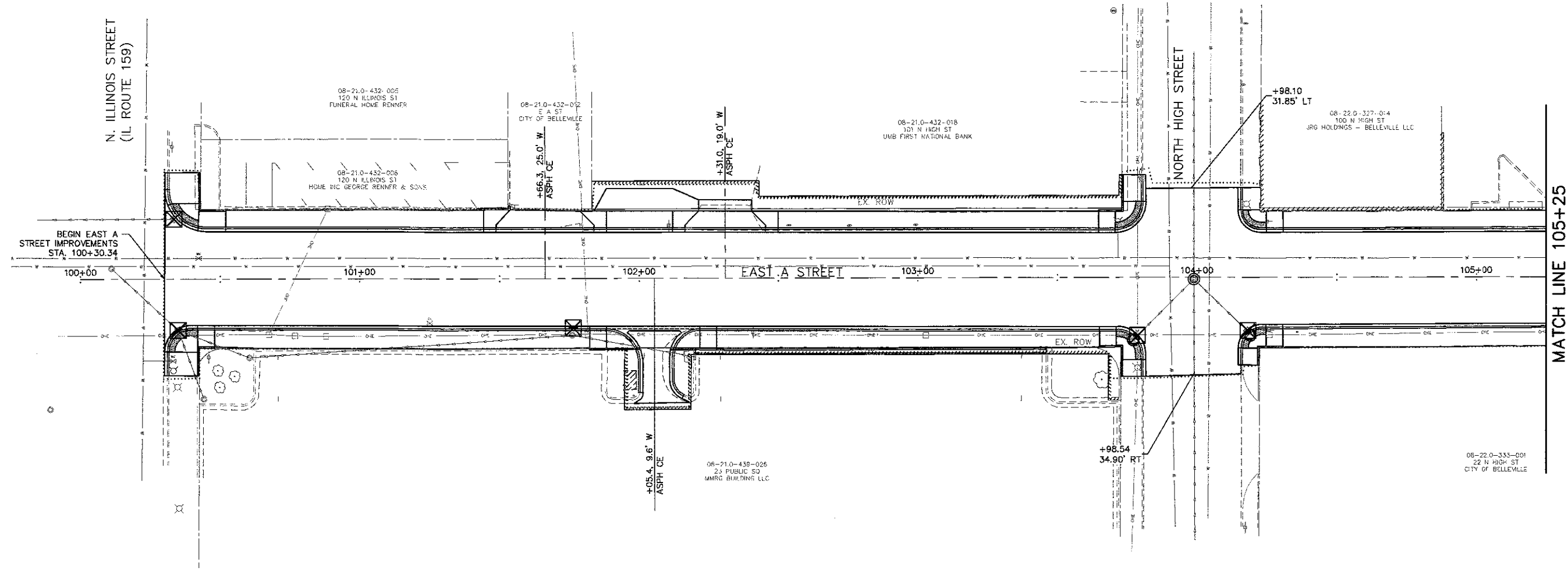
EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	21
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 21 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

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LAST PLOTTED: 6/7/2017 8:57 AM OPERATOR: TJH



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 Professional Engineering Group

PREPARED BY:
 CONTRACT NO. 97852
 SEC. NO. 14-00220-00-RS

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SHEET TITLE:
EROSION CONTROL PLAN

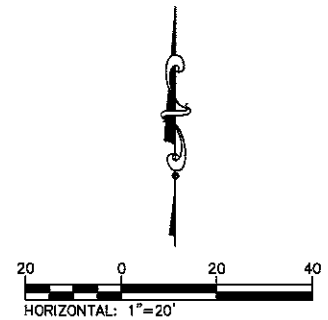
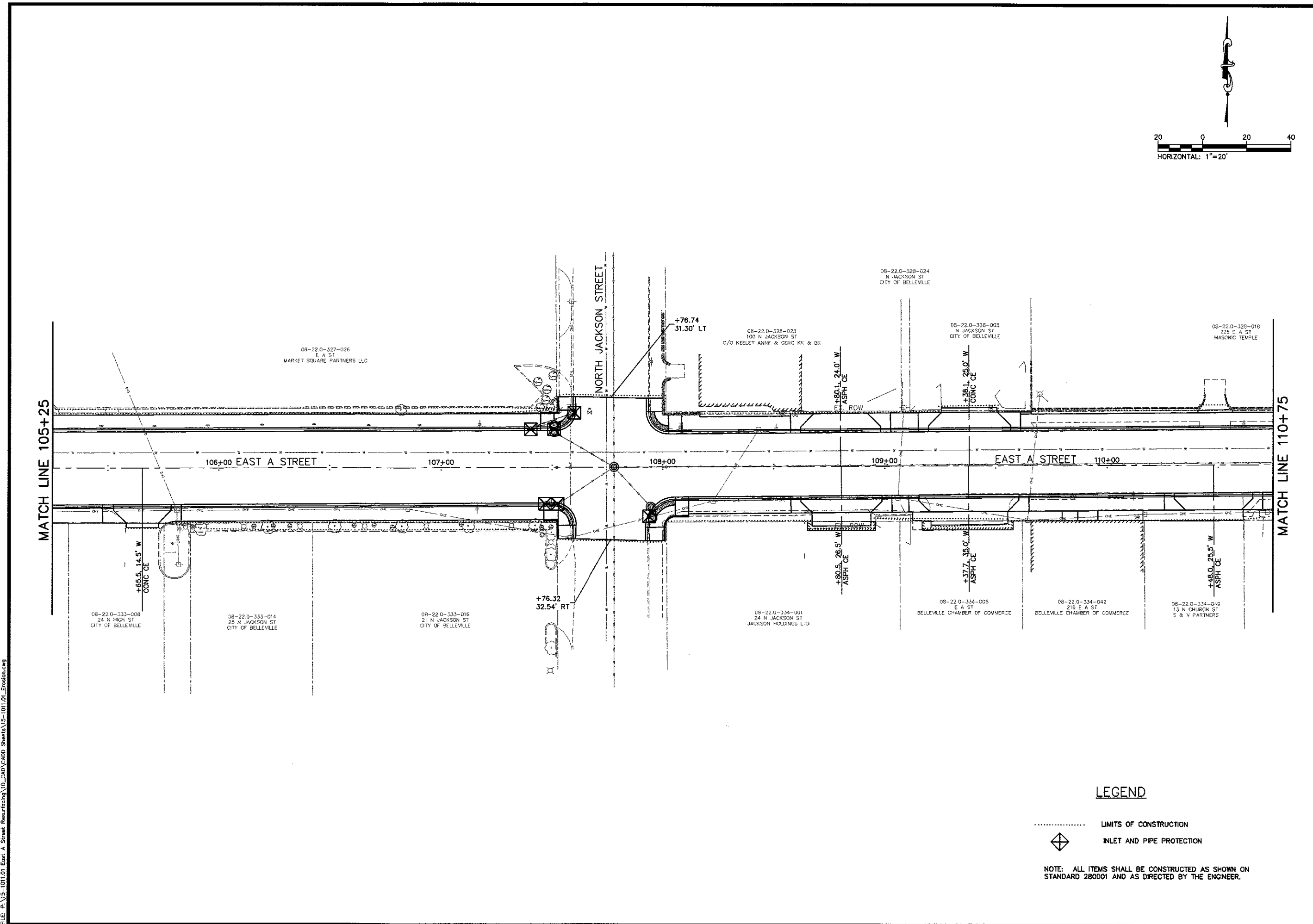
PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

LEGEND

- LIMITS OF CONSTRUCTION
- ◊ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	22
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 22 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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 Professional Engineering Group
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 618.233.5877 phone
 618.233.5977 fax
 www.kaskaskiaeng.com

PREPARED BY:

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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SHEET TITLE: EROSION CONTROL PLAN
 PROJECT TITLE: EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

LEGEND

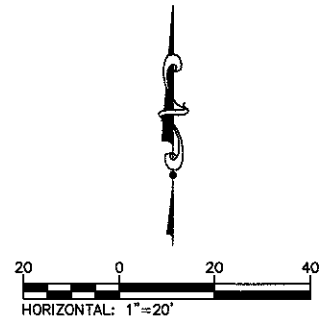
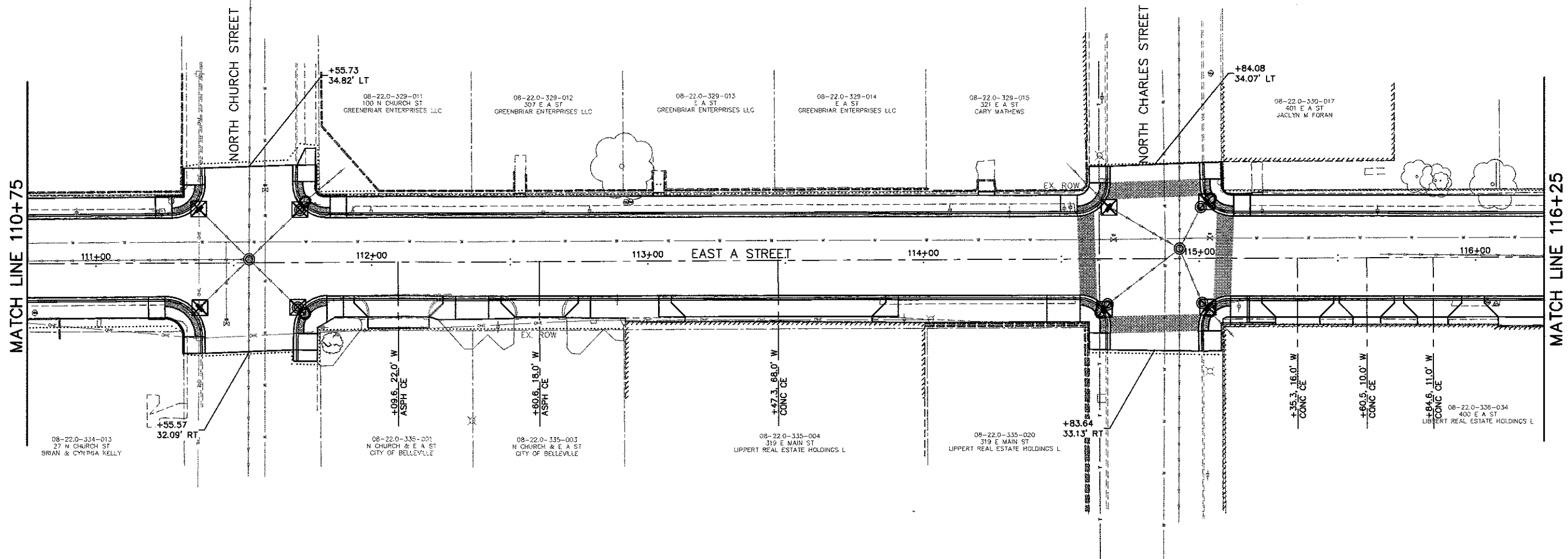
- LIMITS OF CONSTRUCTION
- ◆ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	23
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 23 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

FILE: P:\15-101.01 East A Street Resurfacing\10_CAD\CADD Sheets\15-101.01_Erosion.dwg

LAST PLOTTED: 6/2/2017 1:58 PM OPERATOR: TJH



LEGEND

- LIMITS OF CONSTRUCTION
- ◆ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP

SHEET TITLE: **EROSION CONTROL PLAN**

PROJECT TITLE: **EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	
CHECKED BY: JLT	24
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 24 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

PREPARED BY:

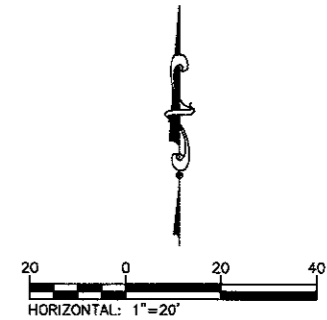
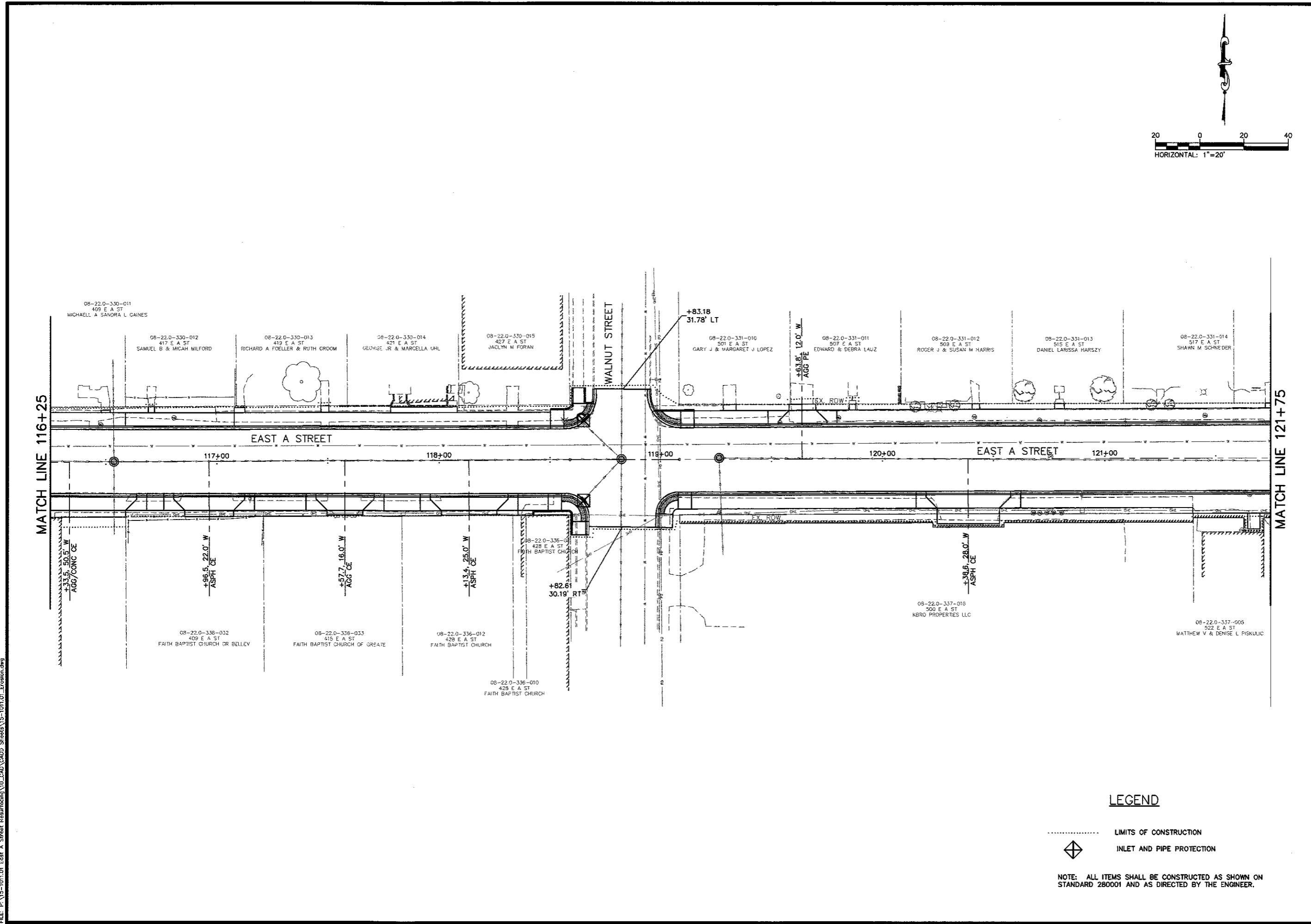
Kaskaskia Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

208 East Main Street, Suite 100
Belleville, Illinois 62220
618.233.5877 phone
618.233.5977 fax
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LICENSE NO. 184.004773
20-5080586

FILE: P:\15-1011.01 East A Street Resurfacing\10_CADD\CADD Sheets\15-1011.01_Erosion.dwg



PREPARED BY:

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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SHEET TITLE: EROSION CONTROL PLAN

PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	25
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 25 OF 32 SHEETS	
PROJECT NUMBER 15-1011.01	

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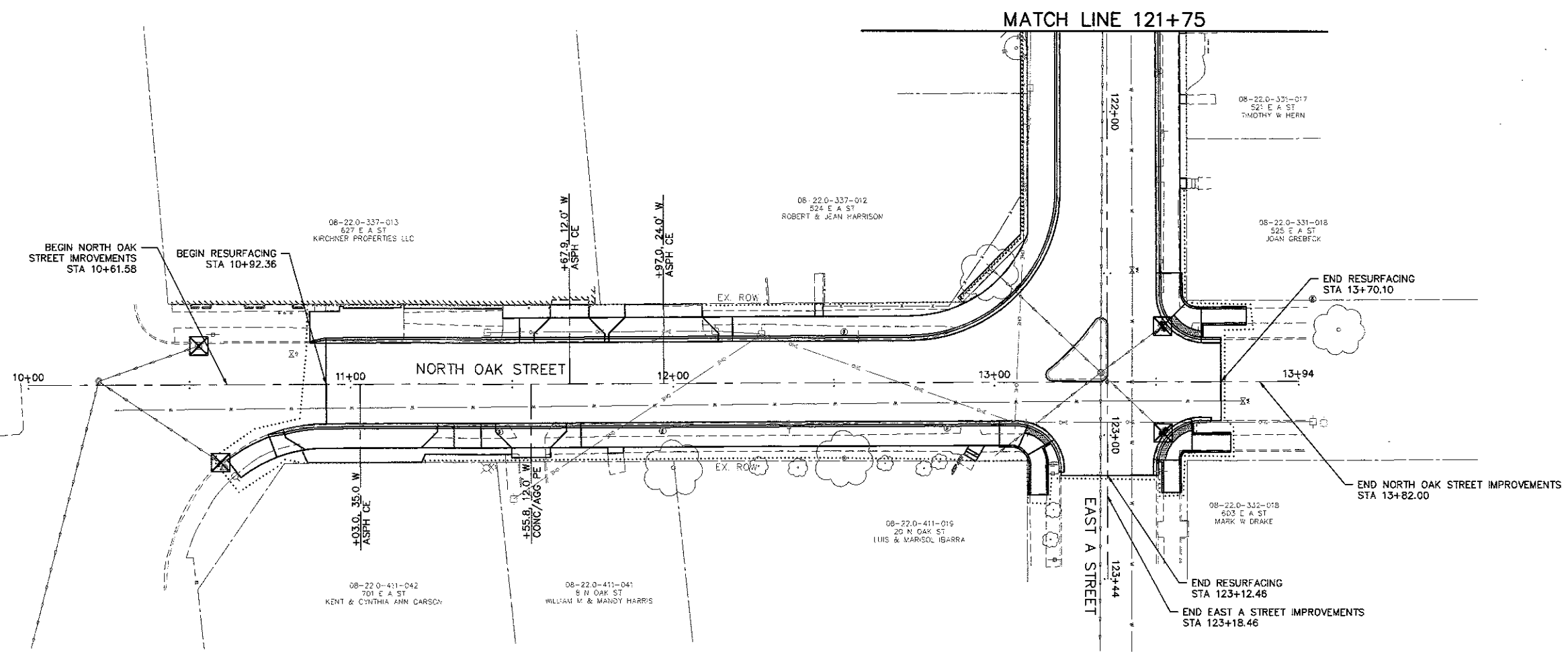
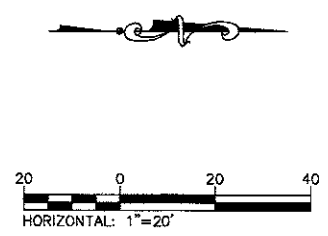
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Belleville, Illinois 62220
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LICENSE NO. 184.004773
20-S080586

LEGEND

- LIMITS OF CONSTRUCTION
- ◆ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.



LEGEND

- LIMITS OF CONSTRUCTION
- ◆ INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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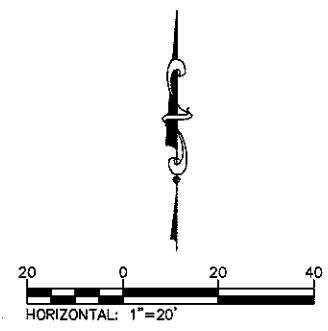
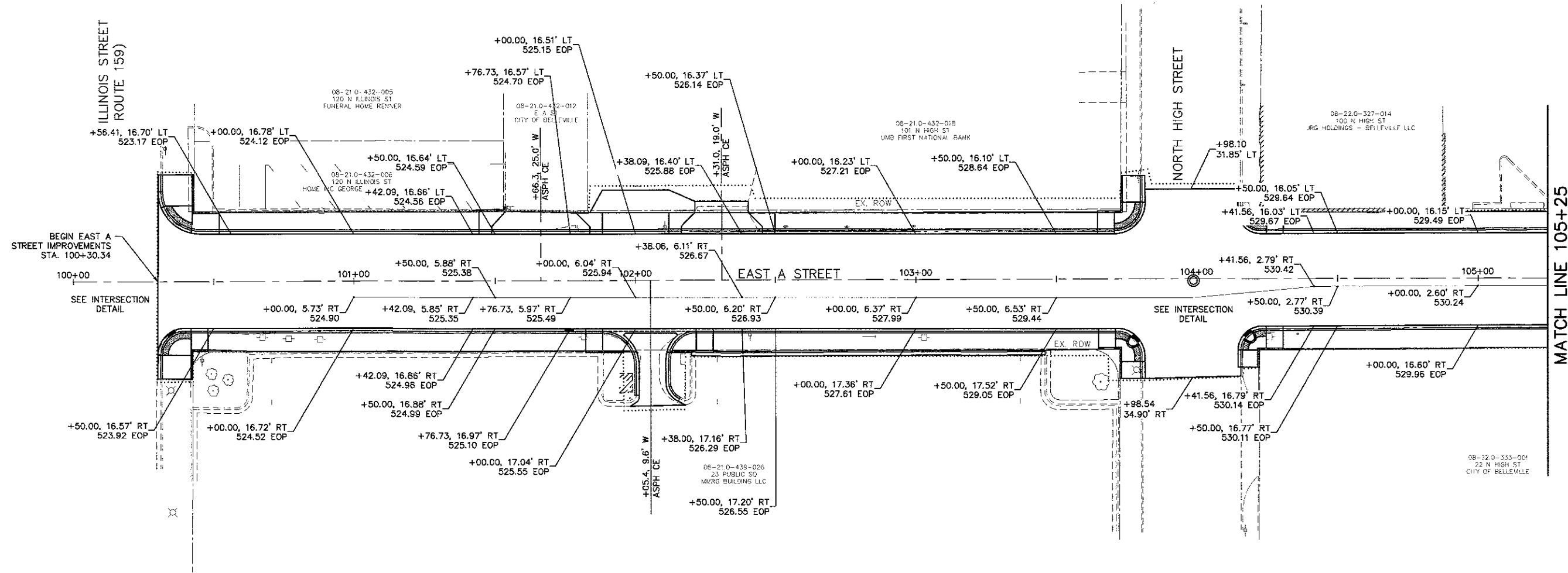
SHEET TITLE: EROSION CONTROL PLAN

PROJECT TITLE: EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	26
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 26 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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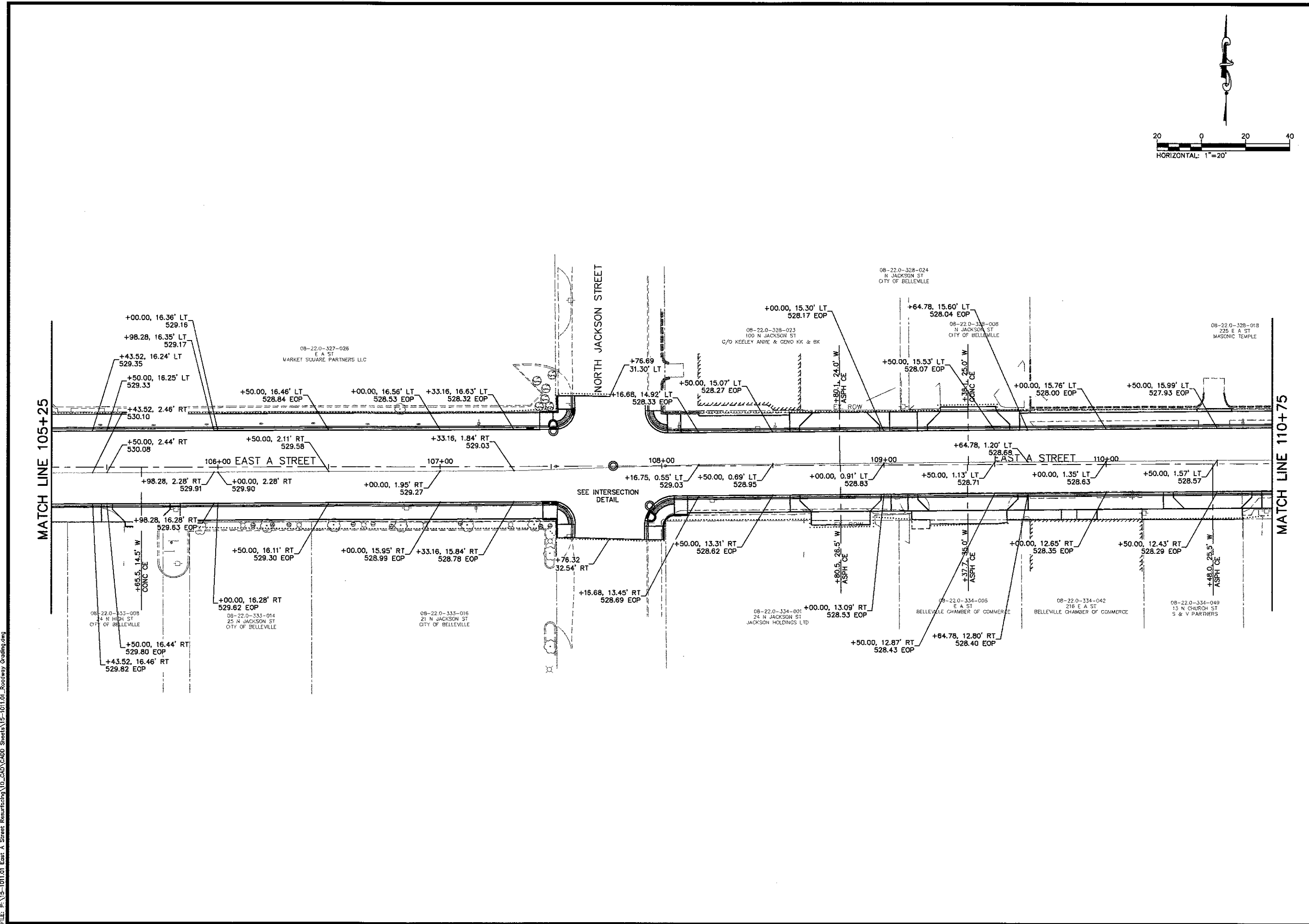
SHEET TITLE:
ROADWAY GRADING

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 27 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

27

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LICENSE NO.
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PREPARED BY:

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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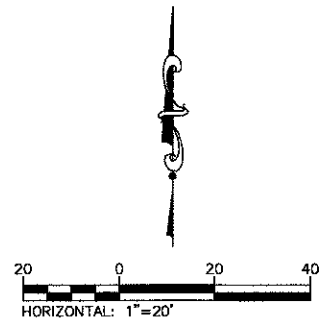
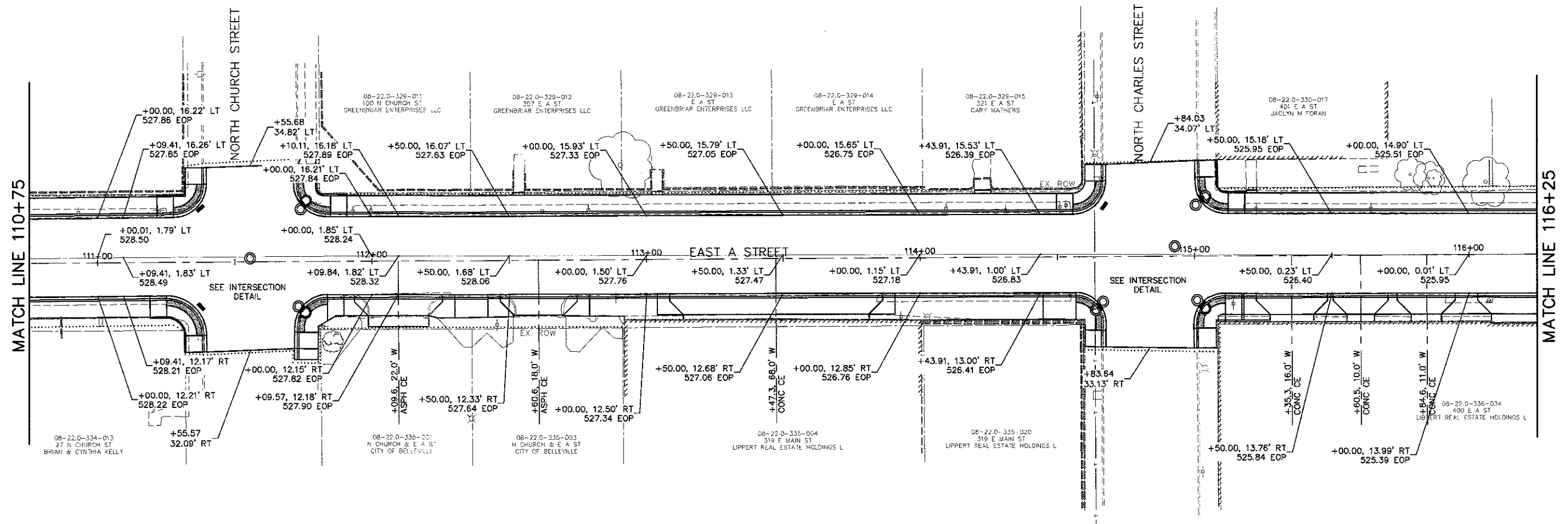
SHEET TITLE:
ROADWAY GRADING

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	28
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 28 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

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 Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

PREPARED BY:
 CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

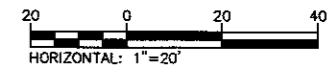
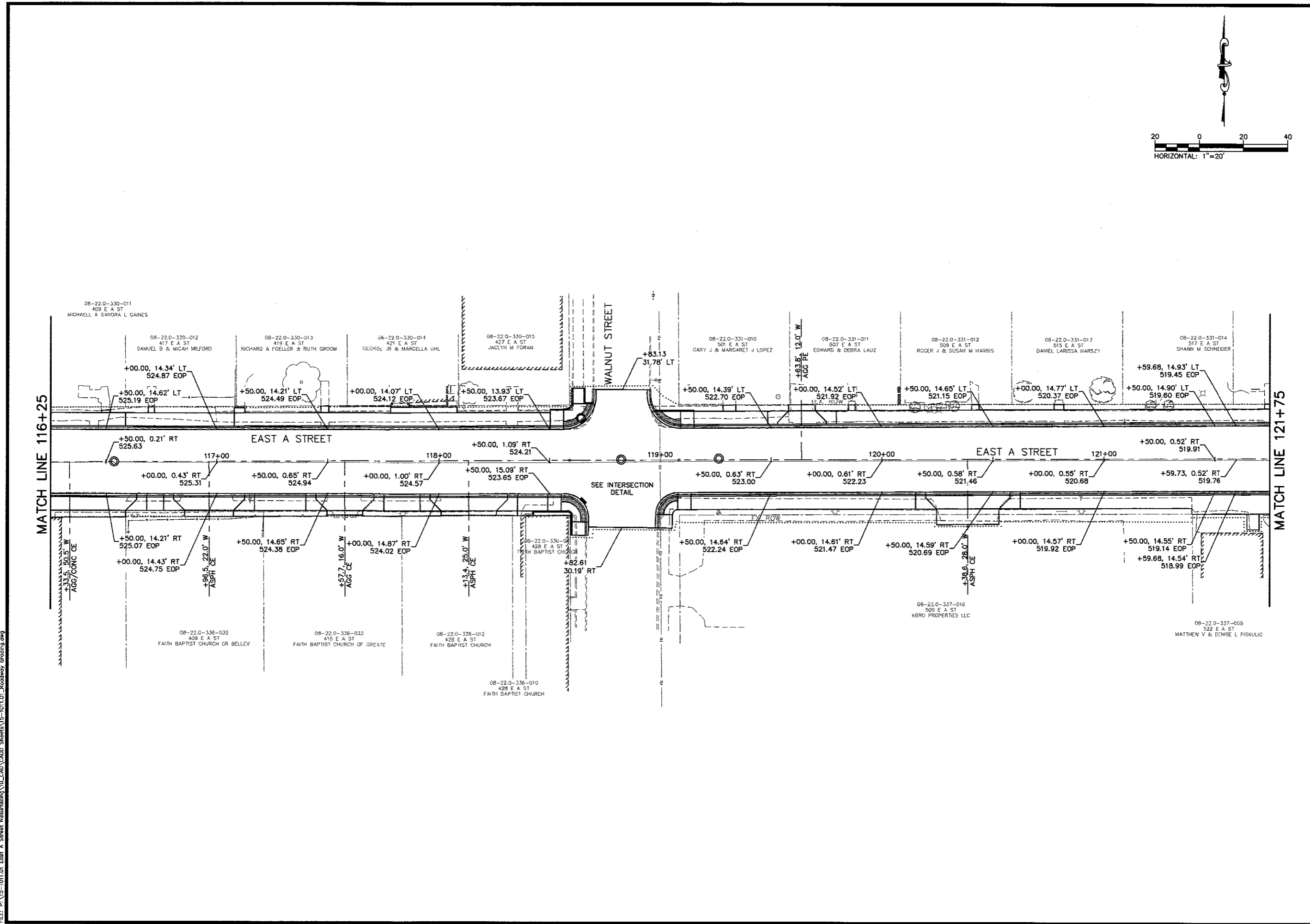
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SHEET TITLE:
ROADWAY GRADING

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	29
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 29 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

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PREPARED BY:

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Professional Engineering Group

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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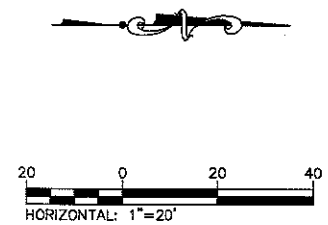
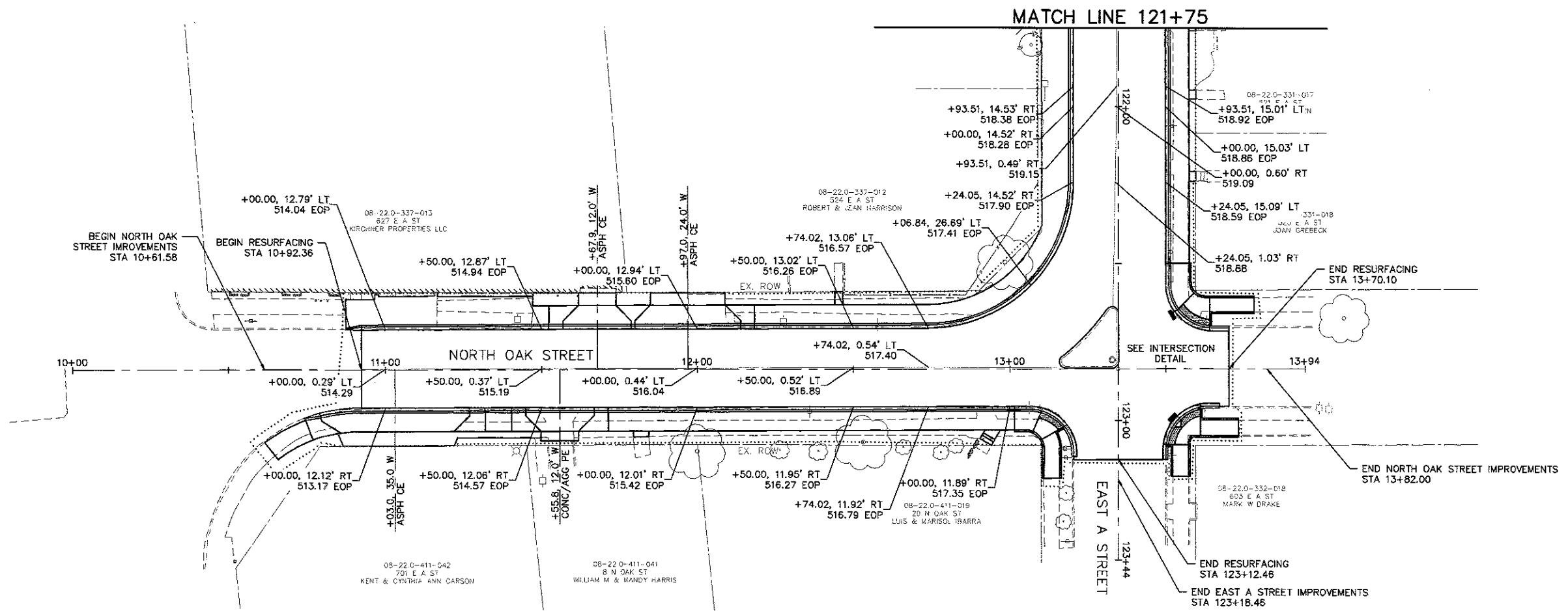
SHEET TITLE:
ROADWAY GRADING

PROJECT TITLE:
**EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	30
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 30 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

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LICENSE NO.
 184-004773
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PREPARED BY:

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

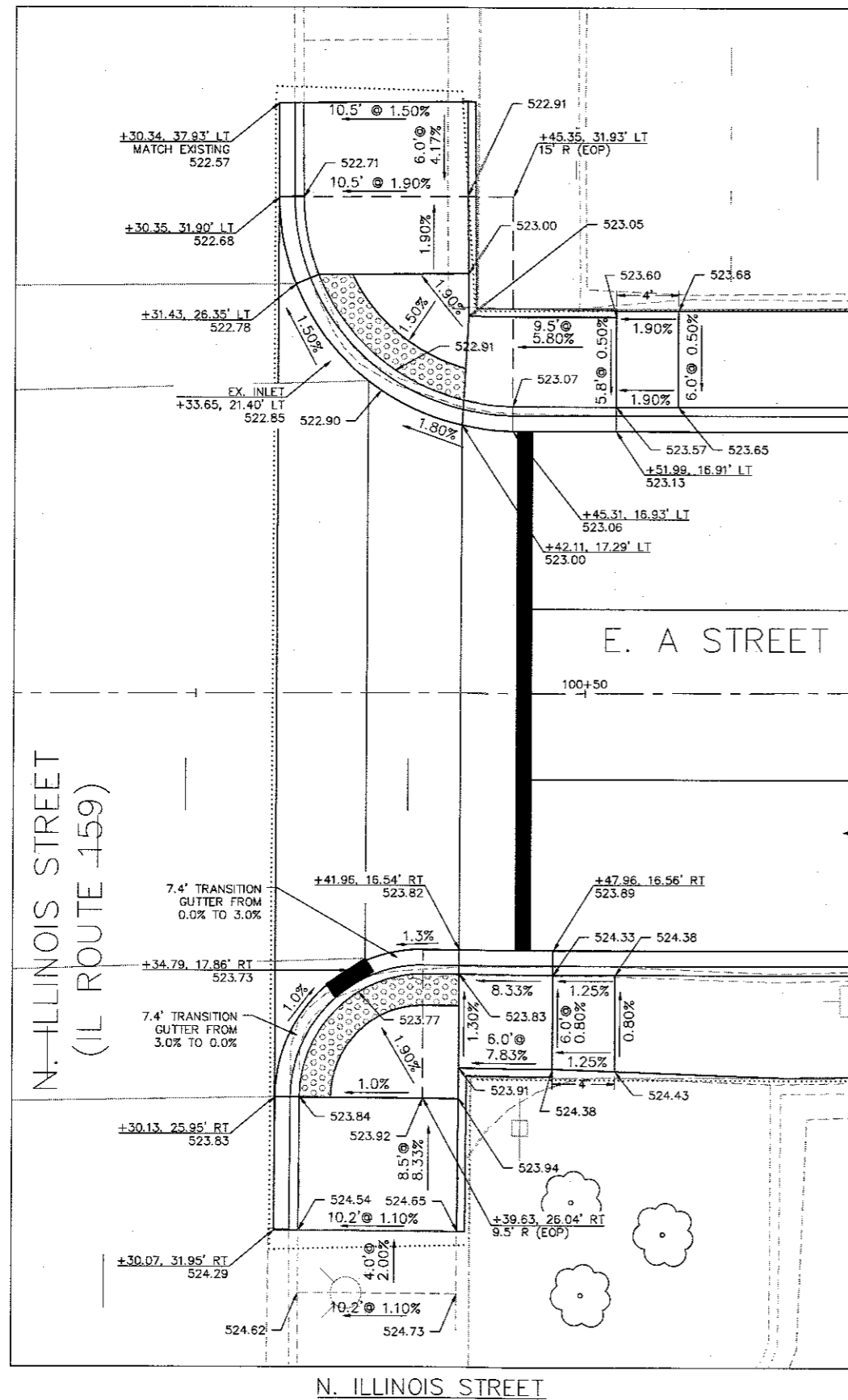
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SHEET TITLE:
ROADWAY GRADING

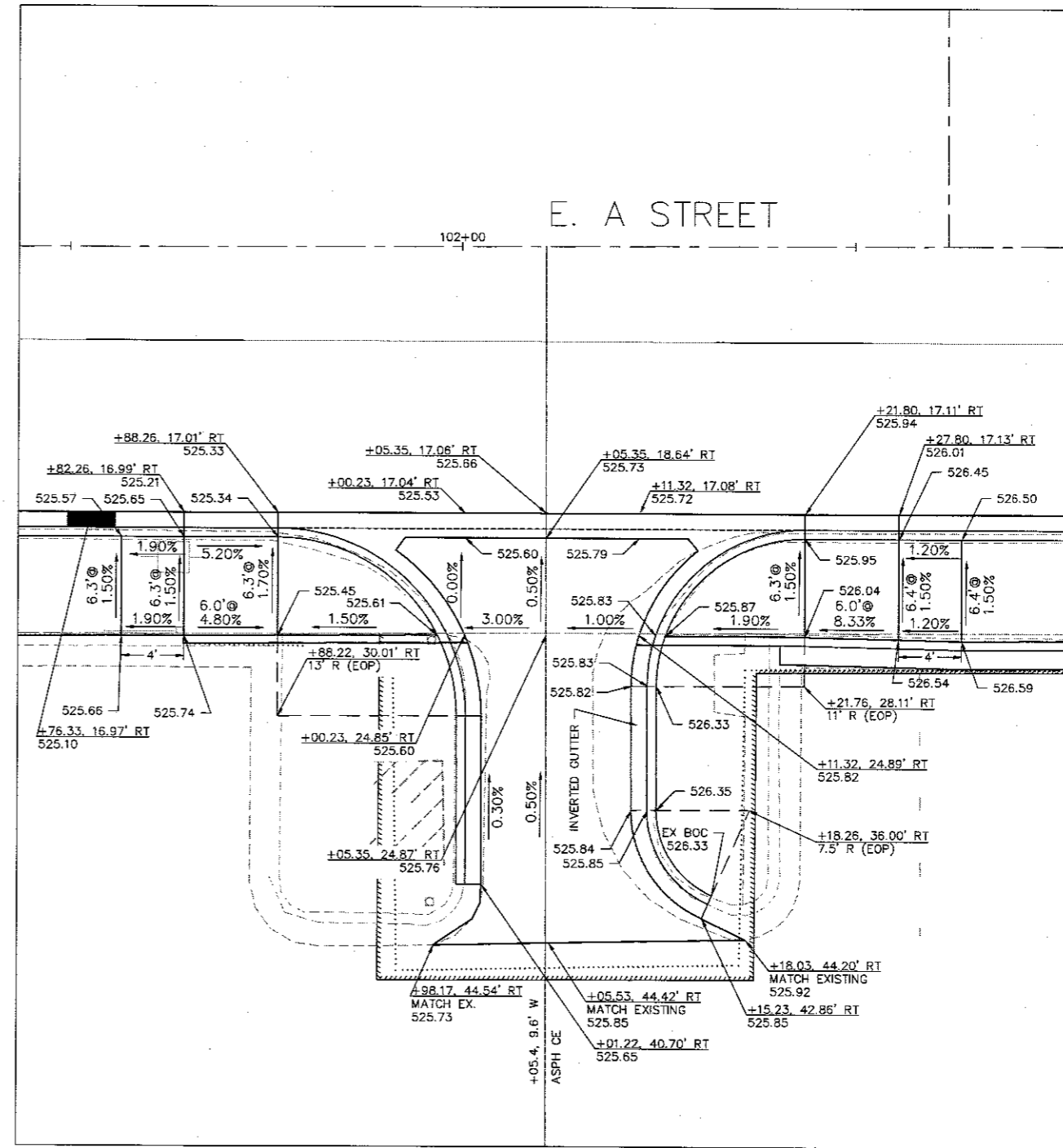
PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	31
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 11 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

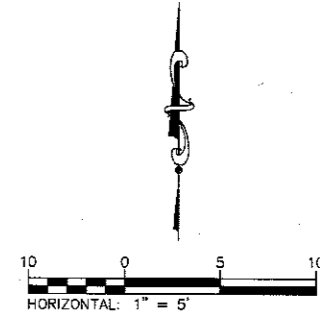
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N. ILLINOIS STREET



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 618.233.5977 fax
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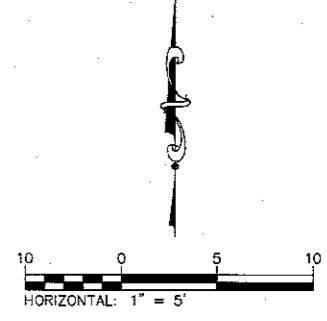
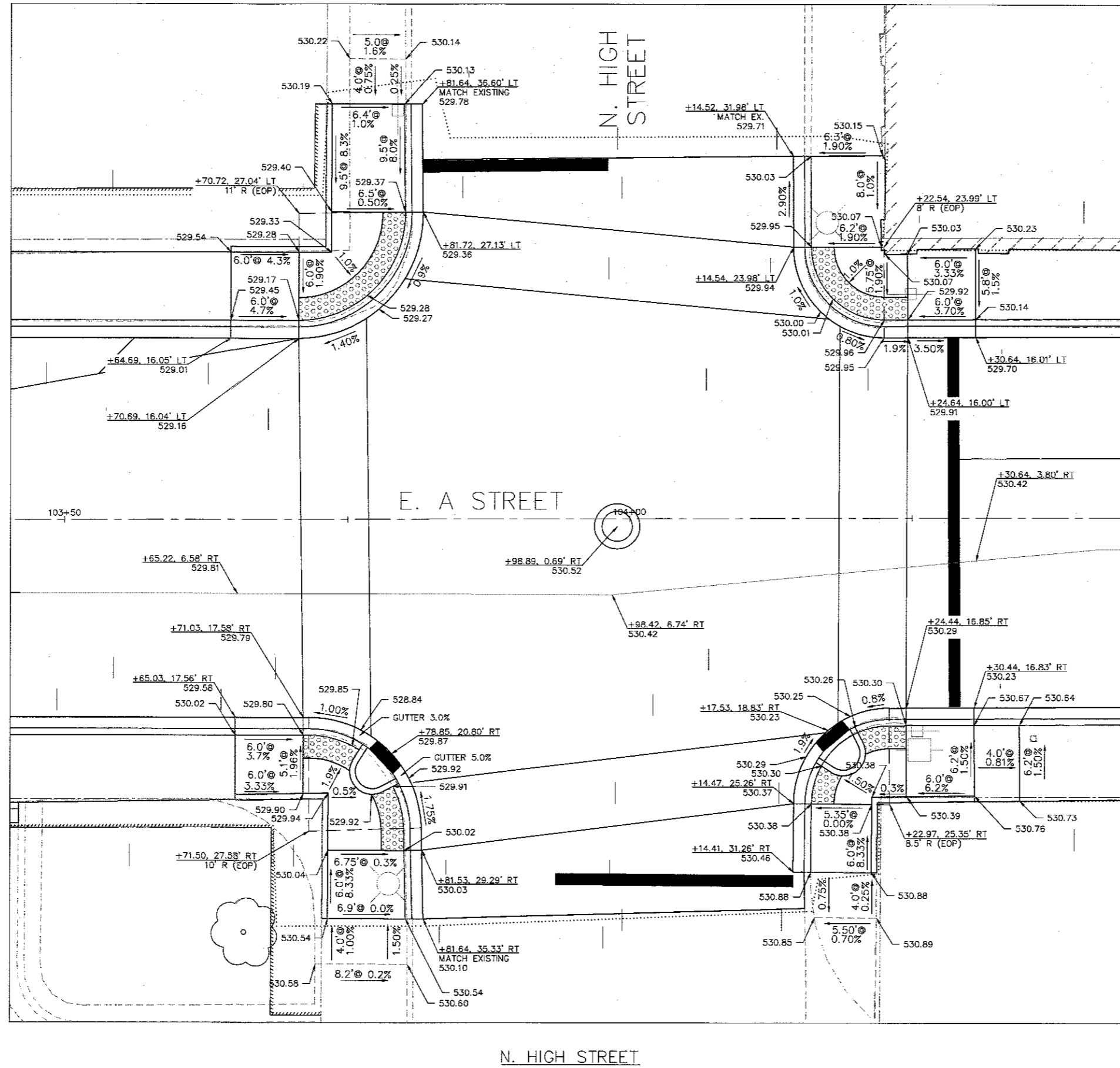
CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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INTERSECTION DETAILS
 EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	32
DATE OF FINAL:	6/2/2017	
SHEET NO. 32 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

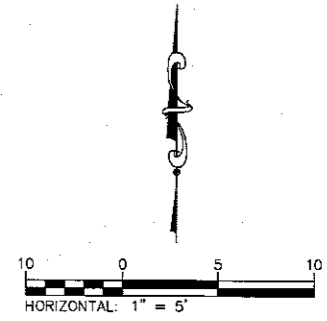
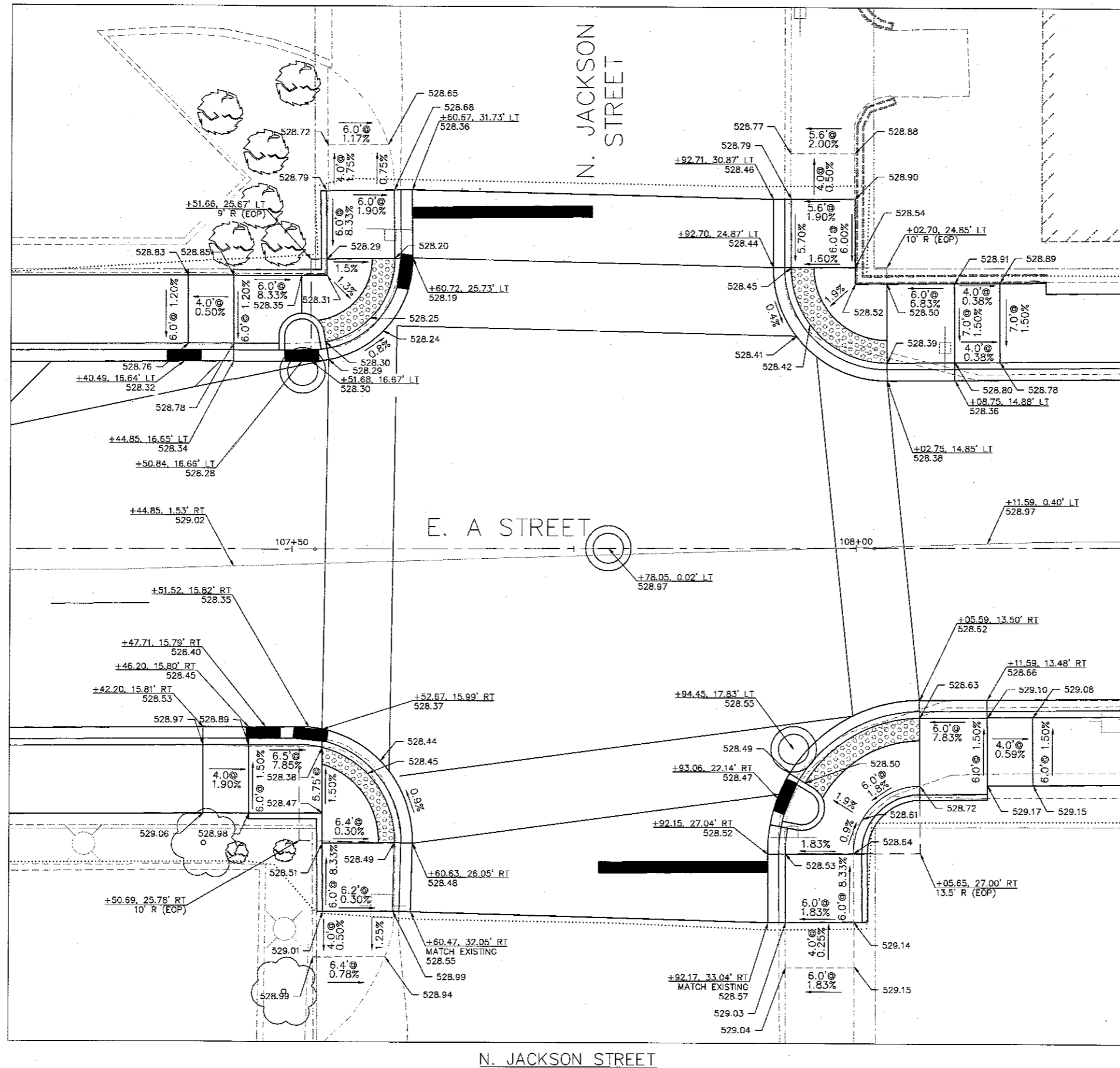
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SHEET TITLE:
INTERSECTION DETAILS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET 33
DRAWN BY:	TJH	
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 33 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

FILE: P:\15-1011.01 East A Street Resurfacing\10_CAD\CADD Sheets\15-1011.01_IntersectionDetails.dwg



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 Professional Engineering Group

PREPARED BY:

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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INTERSECTION DETAILS

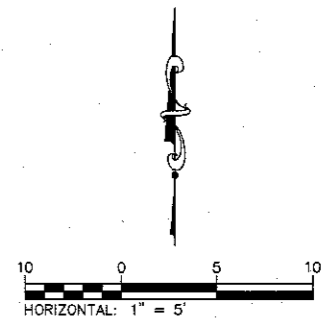
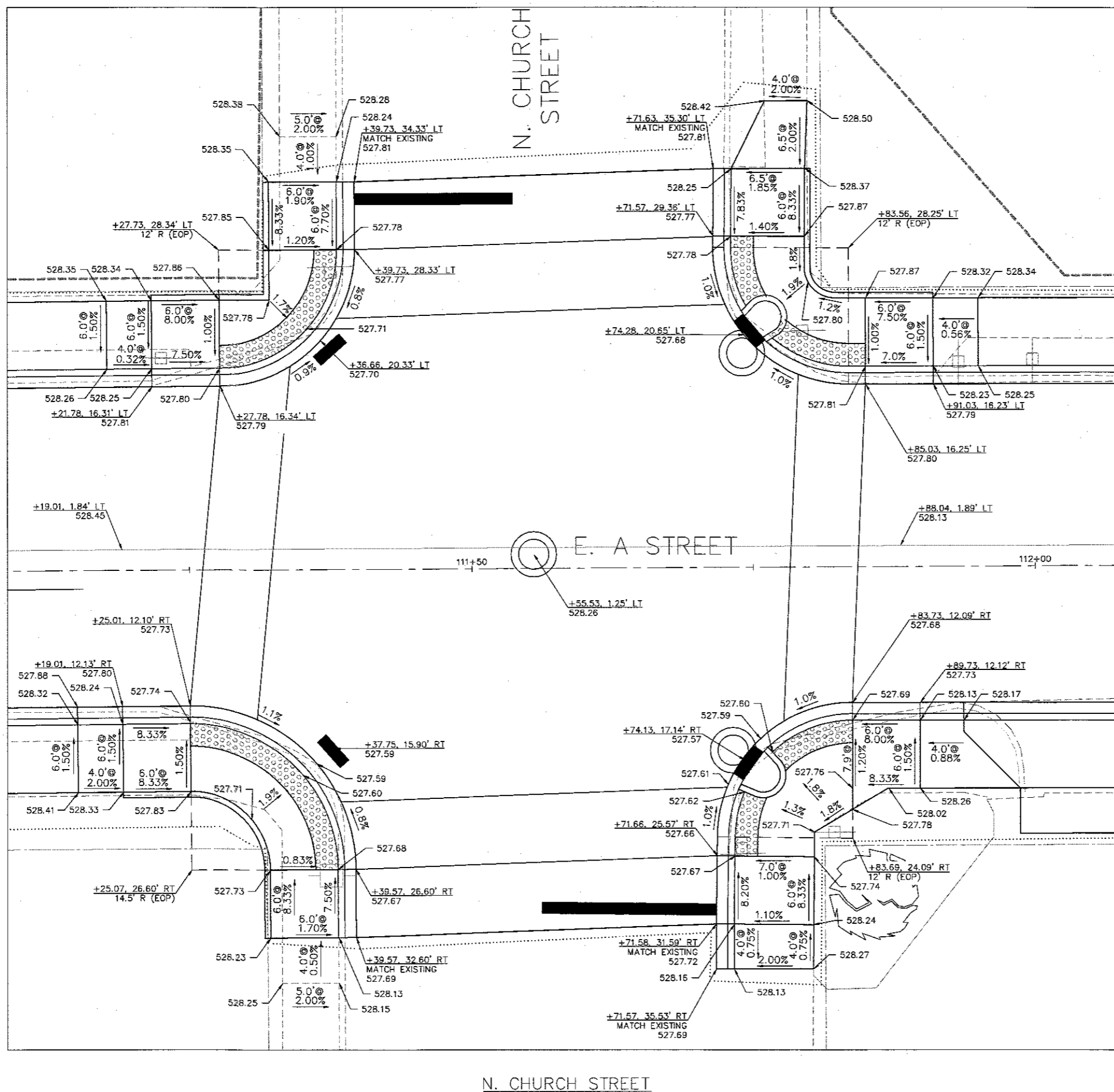
EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

PROJECT TITLE:

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	34
DATE OF FINAL: 6/2/2017	
SHEET NO. 34 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

FILE: P:\15-1011.01 East A Street Resurfacing\15-1011.01 IntersectionDetails.dwg



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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

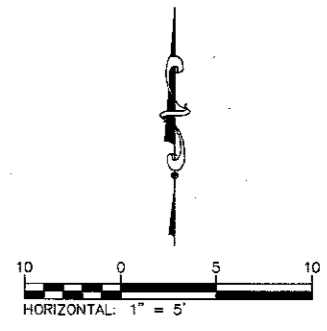
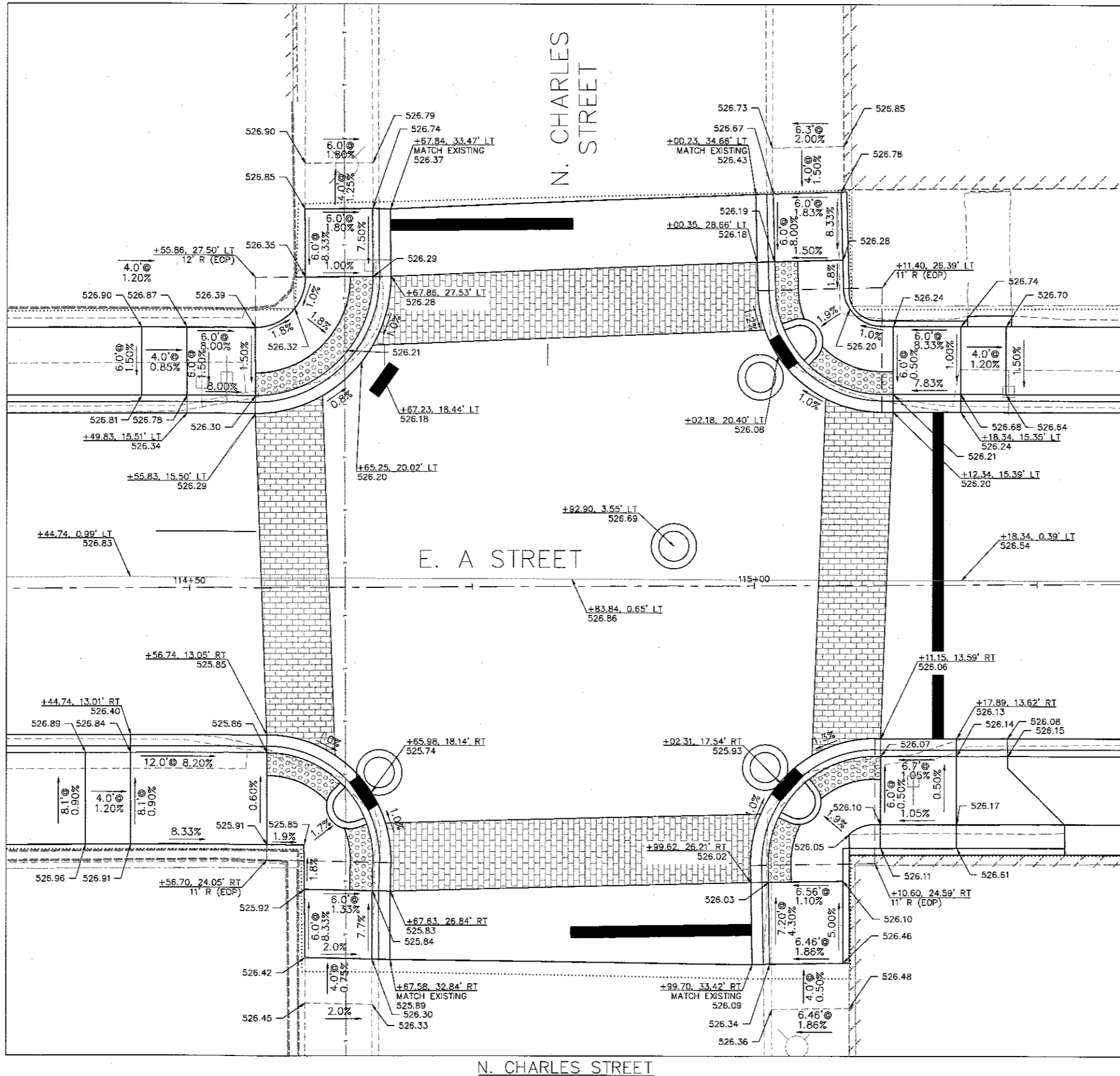
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INTERSECTION DETAILS

SHEET TITLE:

EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	34
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	A
DATE OF FINAL:	6/2/2017	
SHEET NO. 34.A	OF 52 SHEETS	
PROJECT NUMBER	15-1011.01	



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Illinois Professional Design Firm
Professional Engineering Group

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REVISIONS

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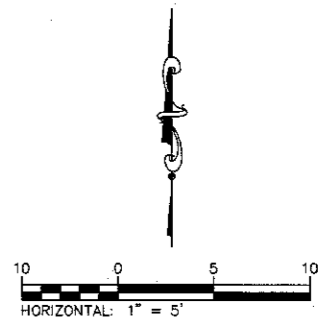
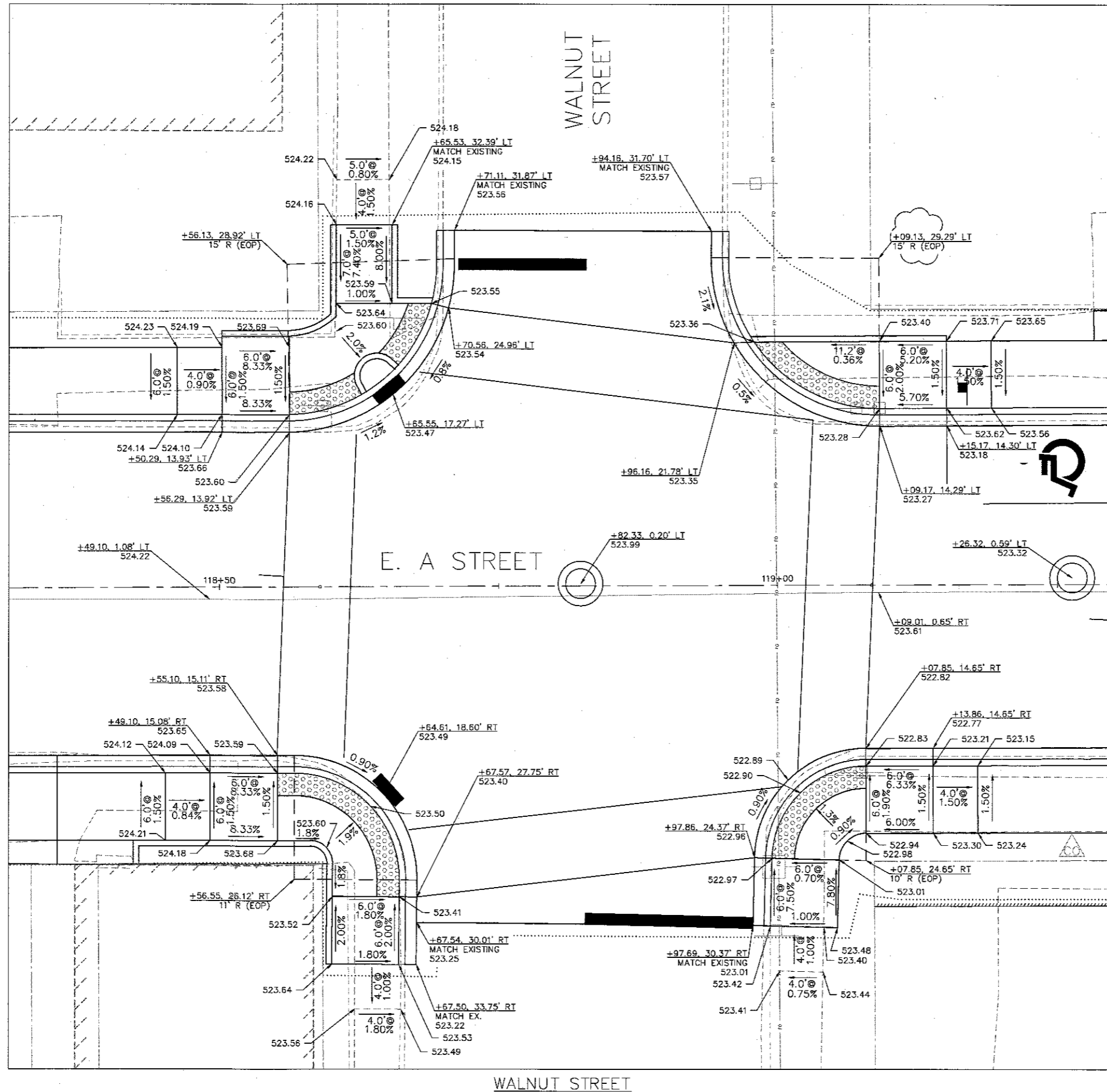
SHEET TITLE:
INTERSECTION DETAILS

PROJECT TITLE:
EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: T/H
DRAWN BY: T/H
CHECKED BY: JLT
DATE OF PRELIMINARY: 3/23/2017
DATE OF FINAL: 6/2/2017

SHEET NO. **35** OF 52 SHEETS
PROJECT NUMBER 15-1011.01

FILE: P:\15-1011.01 East A Street Resurfacing\10-CAD\CAAD Sheets\15-1011.01_IntersectionDetails.dwg



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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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INTERSECTION DETAILS

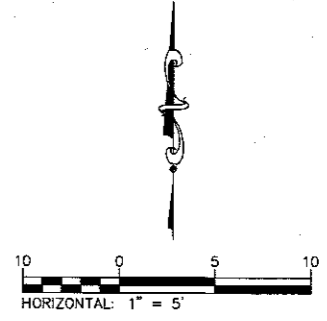
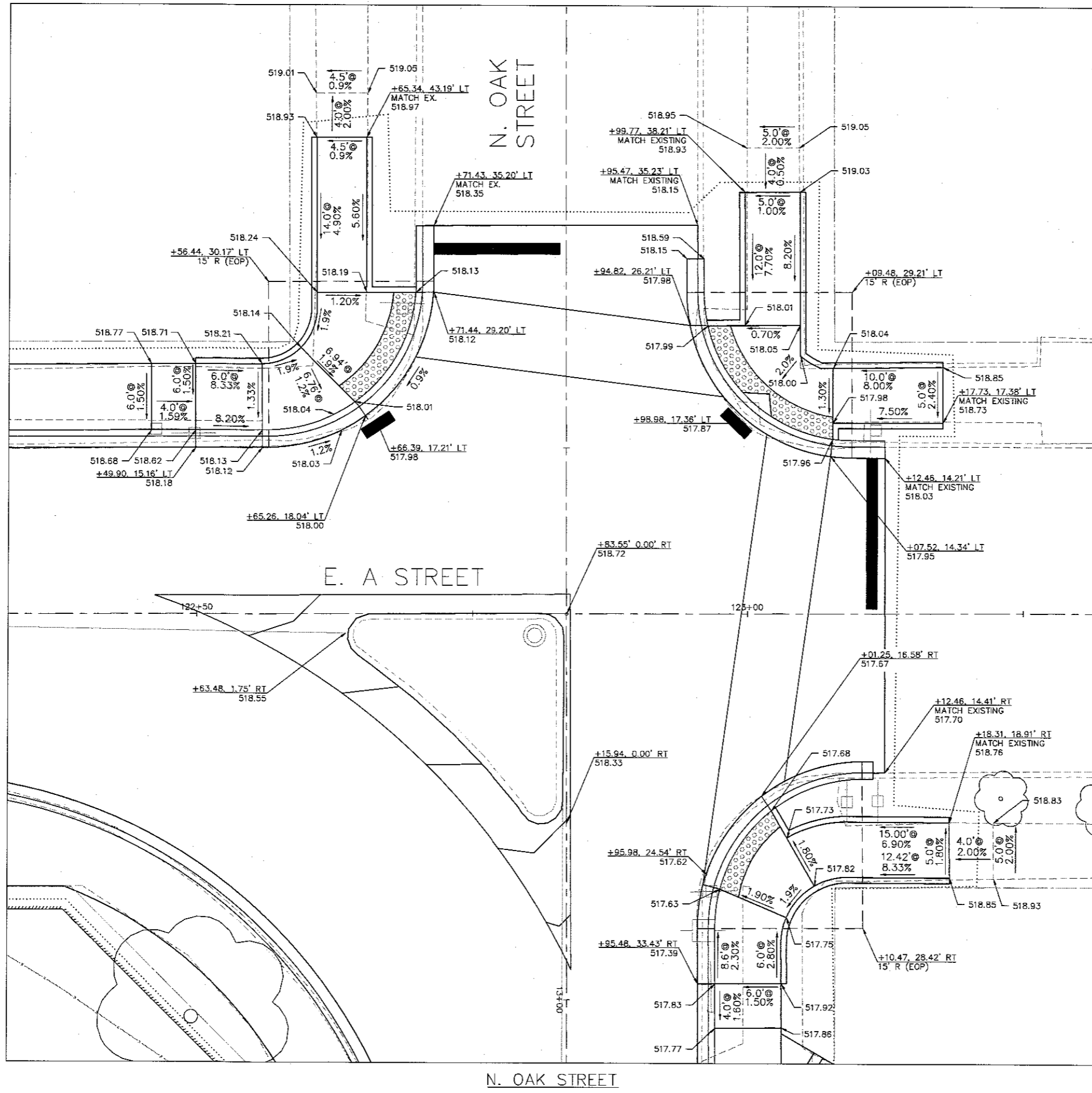
EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: EAST A STREET RESURFACING CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	36
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 36 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

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CONTRACT NO. 97652
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INTERSECTION DETAILS

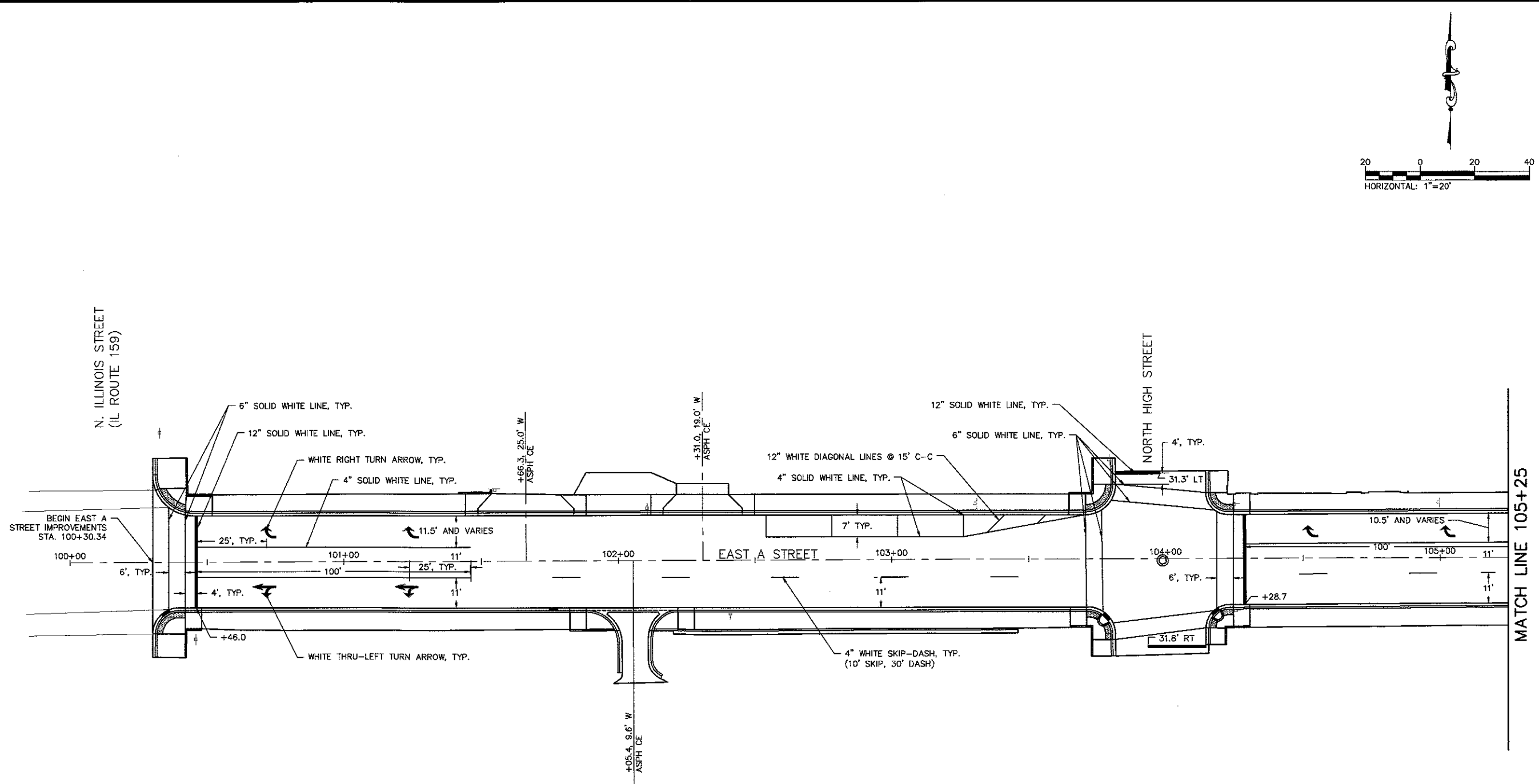
EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: EAST A STREET RESURFACING CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	37
DATE OF FINAL:	6/2/2017	
SHEET NO. 37 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

FILE: P:\15-101.01_East A Street Resurfacing\10_CADD\CADD Sheets\15-101.01_PMK and Sign.dwg



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CONTRACT NO. 07652
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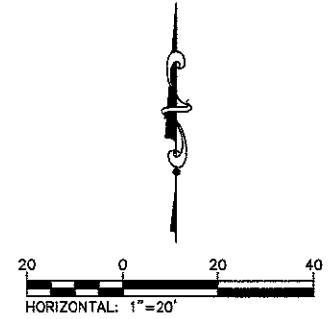
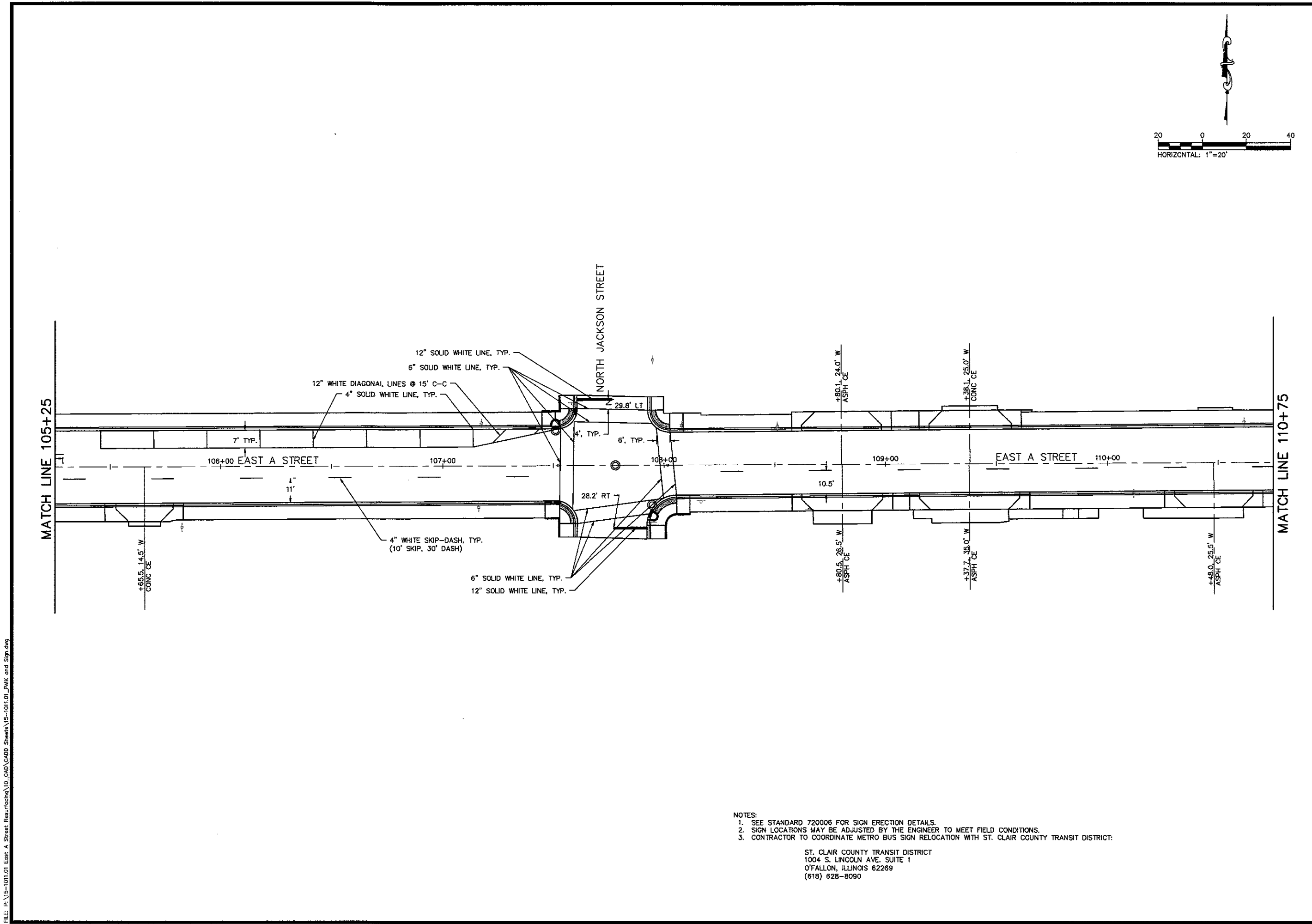
SHEET TITLE:
PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

NOTES:
 1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 3. CONTRACTOR TO COORDINATE METRO BUS SIGN RELOCATION WITH ST. CLAIR COUNTY TRANSIT DISTRICT.

ST. CLAIR COUNTY TRANSIT DISTRICT
 1004 S. LINCOLN AVE. SUITE 1
 O'FALLON, ILLINOIS 62269
 (618) 628-8090

DESIGNED BY: TH	SHEET
DRAWN BY: TH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	38
DATE OF FINAL: 6/2/2017	
SHEET NO. 38 OF 52 SHEETS	
PROJECT NUMBER 15-101.01	



- NOTES:
 1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 3. CONTRACTOR TO COORDINATE METRO BUS SIGN RELOCATION WITH ST. CLAIR COUNTY TRANSIT DISTRICT:

ST. CLAIR COUNTY TRANSIT DISTRICT
 1004 S. LINCOLN AVE. SUITE 1
 O'FALLON, ILLINOIS 62269
 (618) 628-8090

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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△		

SHEET TITLE:
PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

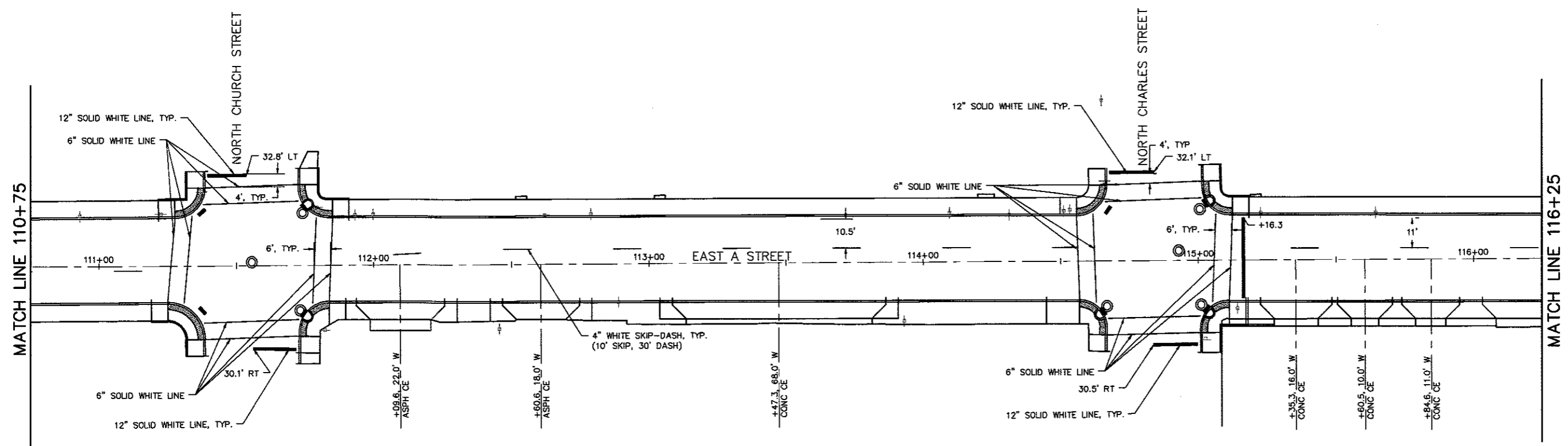
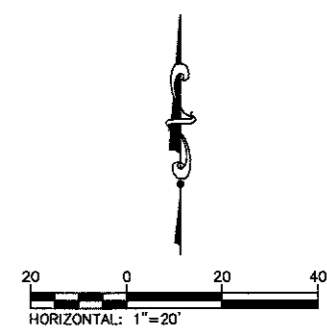
DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	39
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 39 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

PREPARED BY:
Kaskaskia Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

208 East Main Street, Suite 100
 Belleville, Illinois 62220
 618.233.5977 phone
 618.233.5977 fax
 www.kaskaskieng.com

LICENSE NO.
 184-004773
 20-5080586



MATCH LINE 110+75

MATCH LINE 116+25

- NOTES:
1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 3. CONTRACTOR TO COORDINATE METRO BUS SIGN RELOCATION WITH ST. CLAIR COUNTY TRANSIT DISTRICT.

ST. CLAIR COUNTY TRANSIT DISTRICT
 1004 S. LINCOLN AVE. SUITE 1
 O'FALLON, ILLINOIS 62269
 (618) 628-8090

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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SHEET TITLE:
PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	40
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 40 OF 52 SHEETS		
PROJECT NUMBER	15-1011.01	

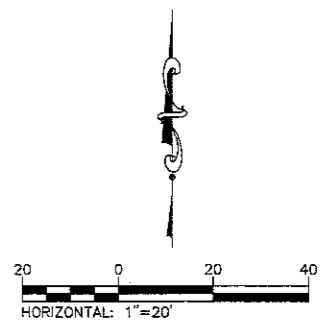
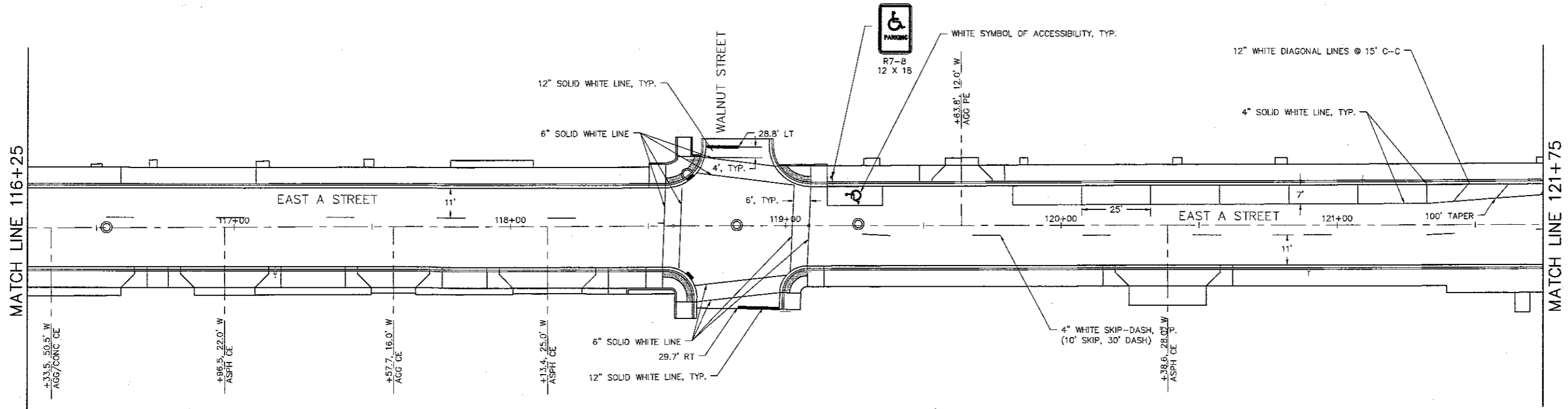
PREPARED BY:
**Kaskaskia
 Engineering Group, LLC**

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 Illinois Professional Design Firm
 Professional Engineering Group

LICENSE NO.
 184-004773
 20-5080586

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FILE: P:\15-101.01 East A Street Resurfacing\10_CAD\CADD Sheets\15-101.01_PMK and Sign.dwg



- NOTES:
1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 3. CONTRACTOR TO COORDINATE METRO BUS SIGN RELOCATION WITH ST. CLAIR COUNTY TRANSIT DISTRICT.

ST. CLAIR COUNTY TRANSIT DISTRICT
 1004 S. LINCOLN AVE. SUITE 1
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LICENSE NO.
 184-004773
 20-5080586

CONTRACT NO. 97852
 SEC. NO. 14-00220-00-RS

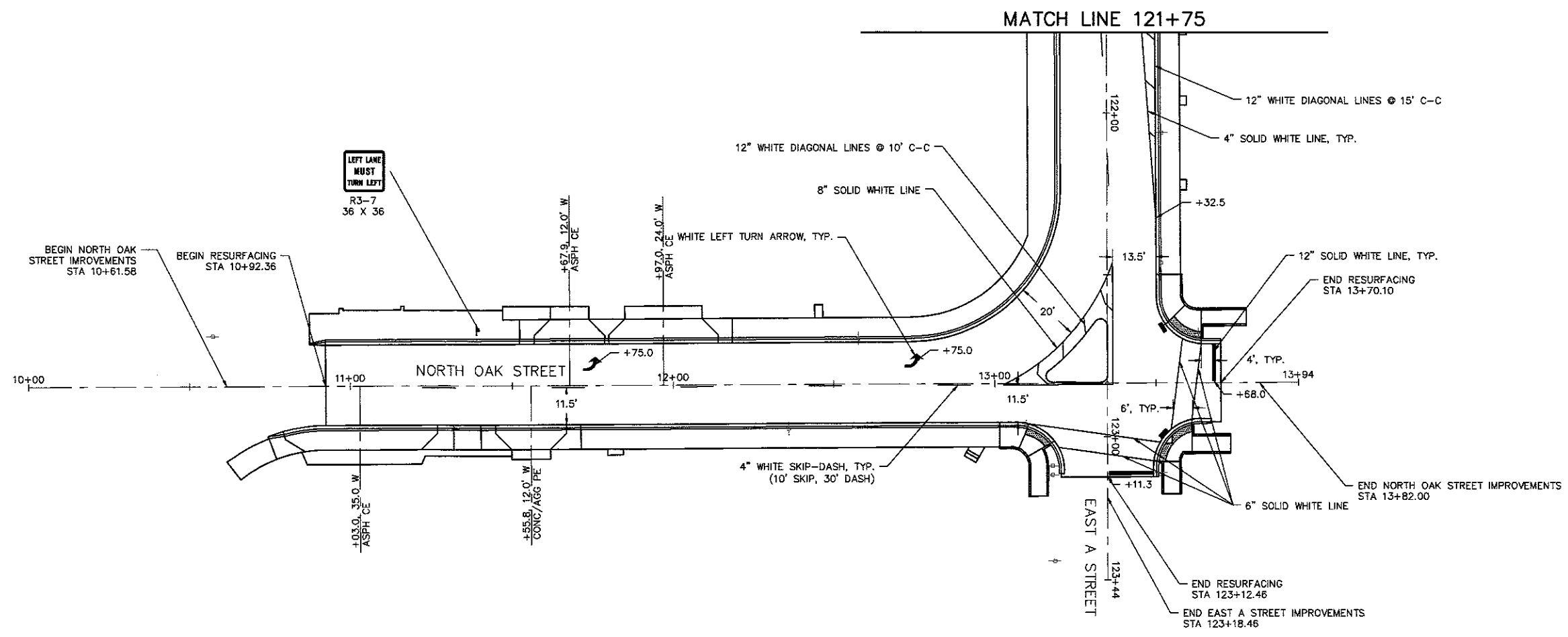
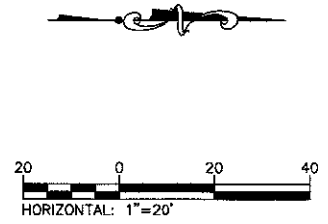
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SHEET TITLE:
PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	41
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 41 OF 52 SHEETS	
PROJECT NUMBER 15-101.01	

FILE: P:\15-1011.01 East A Street Resurfacing\10_CAD\CADD Sheets\15-1011.01_PWK and Signing.dwg



- NOTES:
1. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 2. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 3. CONTRACTOR TO COORDINATE METRO BUS SIGN RELOCATION WITH ST. CLAIR COUNTY TRANSIT DISTRICT.

ST. CLAIR COUNTY TRANSIT DISTRICT
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LICENSE NO. 184-004773
 20-5080586

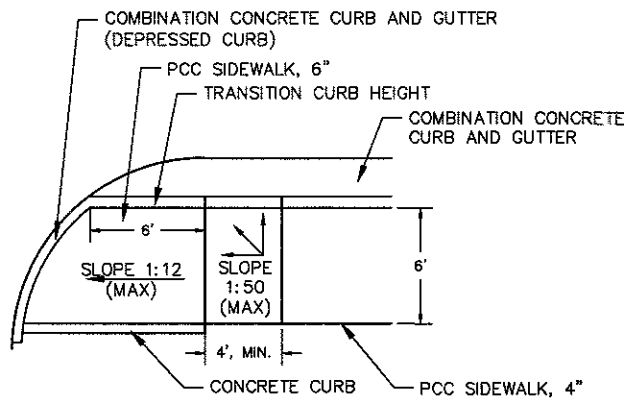
CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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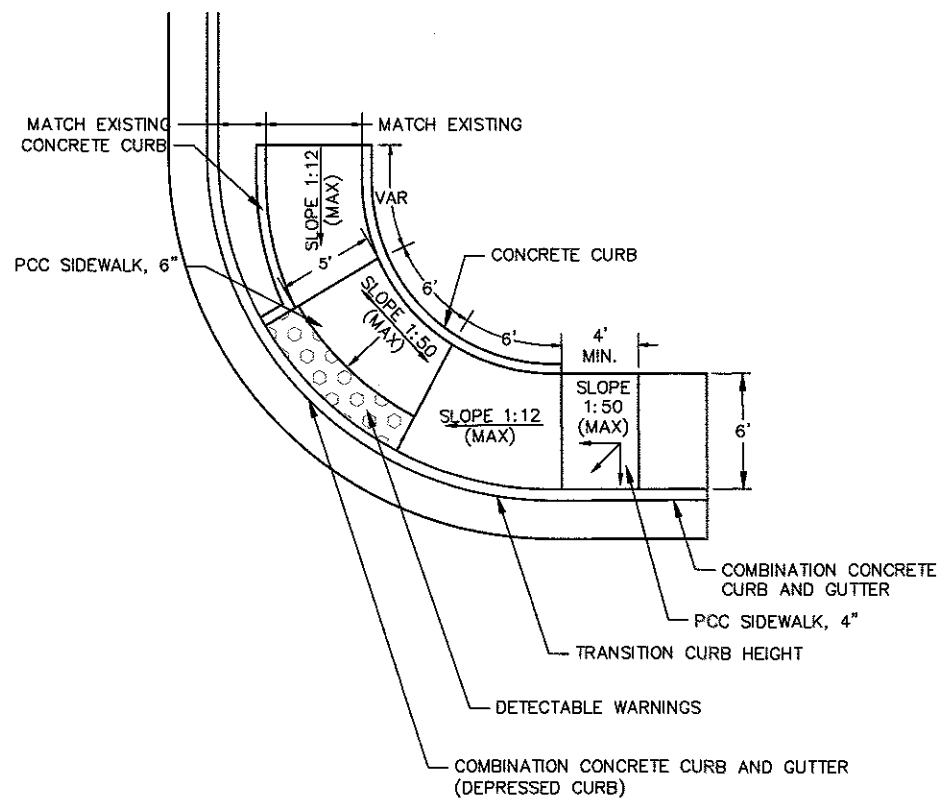
SHEET TITLE:
PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

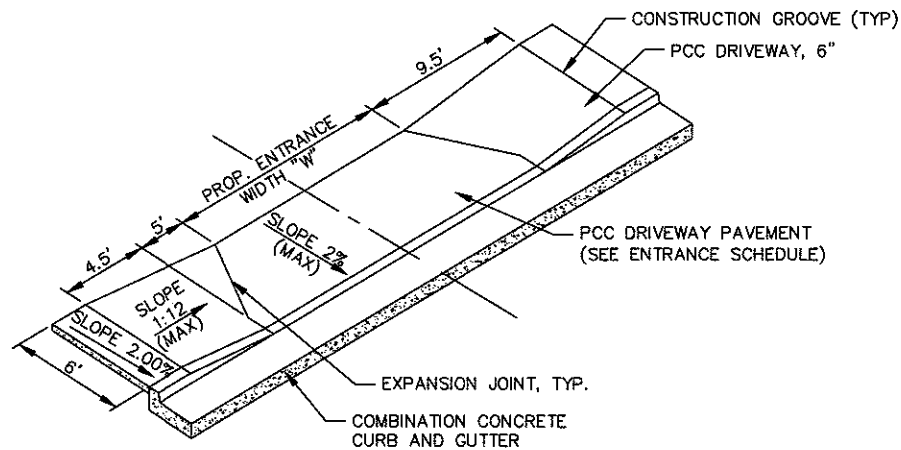
DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	42
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 42 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



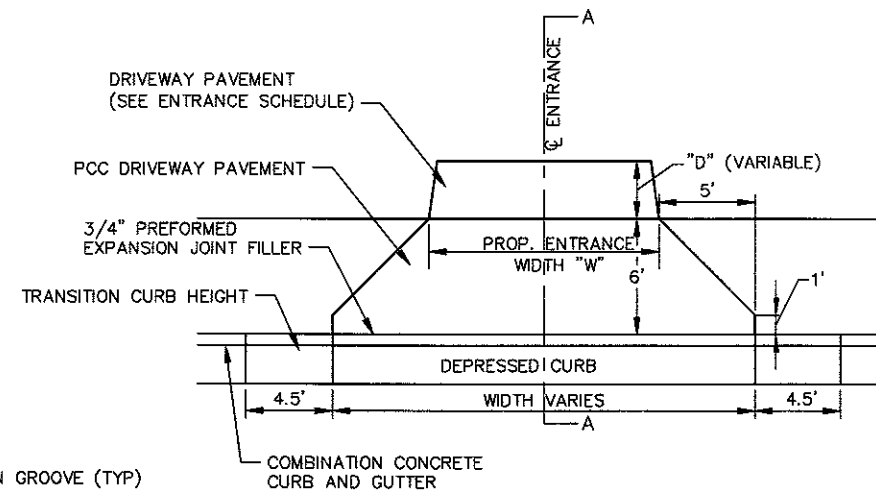
RAMP DETAILS AT PARKING LOT EXIT
APPROXIMATELY STA. 102+05
NOT TO SCALE



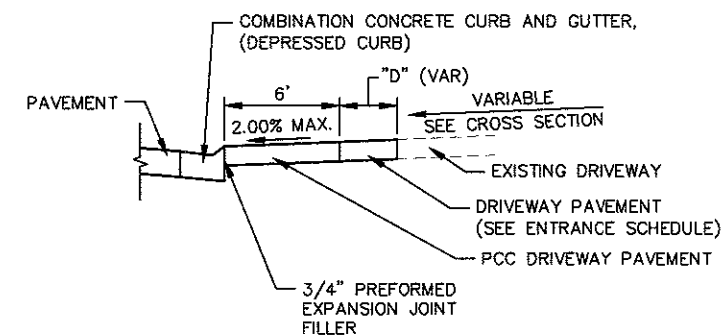
RAMP DETAILS AT NW QUADRANT WALNUT STREET AND
NW, NE, AND SE QUADRANT NORTH OAK STREET WITH EAST A STREET
NOT TO SCALE



TYPICAL ENTRANCE DETAIL
NOT TO SCALE



PLAN



SECTION A-A

ENTRANCE SCHEDULE

STATION	OFFSET	ENTRANCE TYPE	EXISTING SURFACE TYPE	ENTRANCE WIDTH (FOOT)	ENTRANCE DEPTH "D" (FOOT)	AGGREGATE TEMPORARY ACCESS (TON)	AGG BASE CSE A 6 (SQ YD)	INCIDENTAL HMA SURF (TON)	PCC DRIVEWAY PAVT 6 (SQ YD)	PCC DRIVEWAY PAVT 8 (SQ YD)	DRIVE PAVEMENT REM (SQ YD)
EAST A STREET											
101+66.30	LT	CE	Asphalt	25.0		15.0			10	22	51
102+05.40	RT	CE	Asphalt	9.6	19.0		34.0	3.9			31
102+31.00	LT	CE	Asphalt	19.0	4.0	12.2	38.0	4.3	9	17	24
105+65.50	RT	CE	Concrete	14.5	2.0	14.0			11	19	21
108+80.10	LT	CE	Asphalt	24.0		16.4			11	24	20
108+80.50	RT	CE	Asphalt	26.5	6.0	14.5	18.0	2.1	9	22	41
109+37.70	RT	CE	Asphalt	35.0	6.0	17.3	27.0	3.1	9	28	53
109+38.10	LT	CE	Concrete	25.0	2.0	19.6			11	31	44
110+48.00	RT	CE	Asphalt	25.5	4.9	14.0	25.0	2.8	9	21	59
112+09.80	RT	CE	Asphalt	22.0	4.0	13.1	10.0	1.2	9	19	31
112+60.80	RT	CE	Asphalt	18.0		12.2			10	16	18
113+47.30	RT	CE	Concrete	68.0	1.6	36.0			13	64	72
115+35.30	RT	CE	Concrete	16.0	2.7	15.0			12	20	26
115+60.50	RT	CE	Concrete	10.0	2.7	10.8			9	14	23
115+84.80	RT	CE	Concrete	11.0	2.7	12.6			12	15	20
116+33.50	RT	CE	Aggregate/Concrete	50.5	3.0	31.8			12	56	58
116+96.50	RT	CE	Asphalt	22.0	2.8	13.1	13.0	1.5	9	19	20
117+57.70	RT	CE	Aggregate	16.0	2.0	13.1	10.0	1.2	9	19	16
118+13.40	RT	CE	Asphalt	25.0	2.0	14.0	8.0	0.9	9	21	40
119+63.80	LT	PE	Aggregate	12.0	2.8	11.7			25		14
120+38.80	RT	CE	Asphalt	28.0	7.0	15.0	22.0	2.5	9	23	48
NORTH OAK STREET											
11+03.00	RT	CE	Asphalt	35.5	4.5	26.6	6.0	0.7	10	47	51
11+55.80	RT	PE	Concrete/Aggregate	12.0	3.0	11.7			25		11
11+67.90	LT	CE	Asphalt	12.0	4.0	12.6			9	18	39
11+97.00	LT	CE	Asphalt	24.0	4.0	18.7			9	31	42
TOTAL						391	211	24.2	270	666	973

208 East Main Street, Suite 100
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Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO. 184.004773
20-5080586

CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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PREPARED BY:

DETAILS

SHEET TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

PROJECT TITLE:

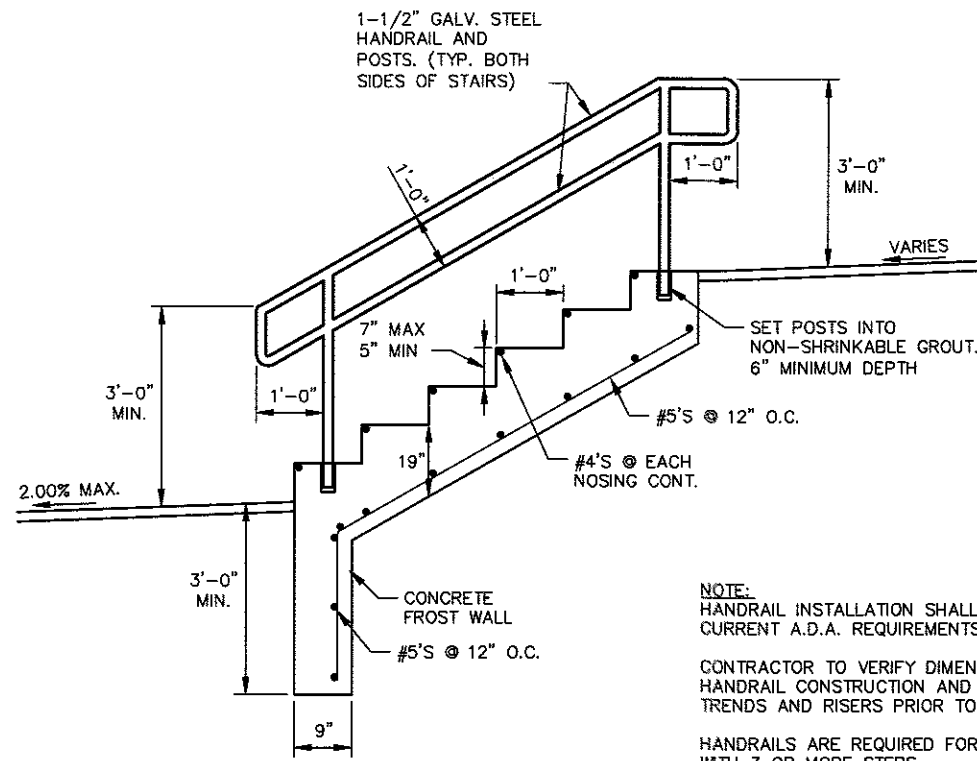
DESIGNED BY: TJH
DRAWN BY: TJH
CHECKED BY: JLT

DATE OF PRELIMINARY: 3/23/2017
DATE OF FINAL: 6/2/2017

SHEET NO. 43 OF 52 SHEETS
PROJECT NUMBER 15-1011.01

43

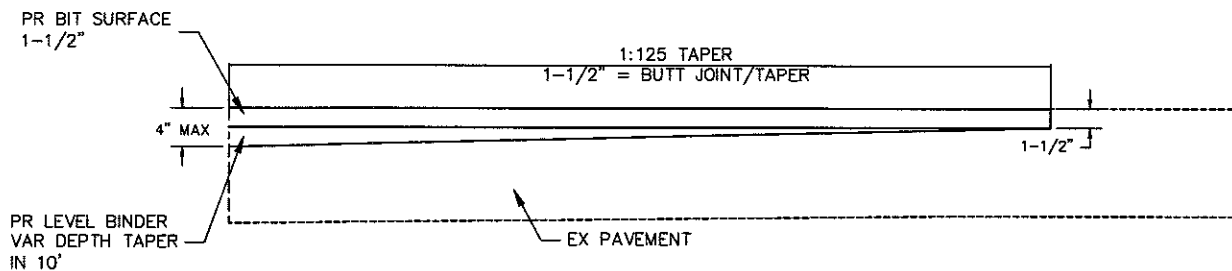
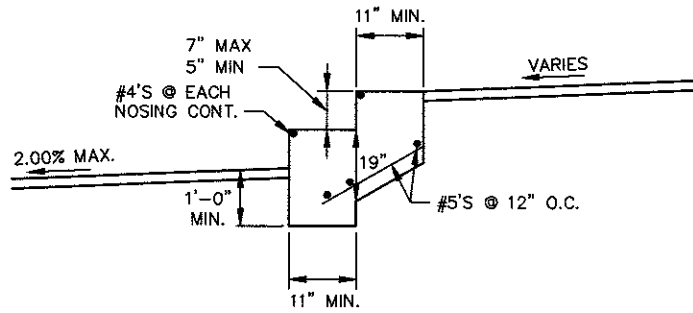
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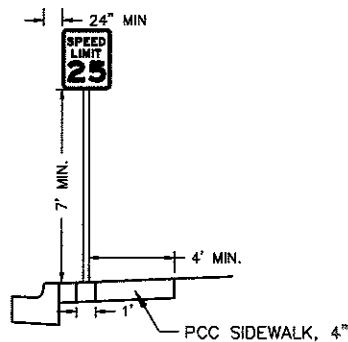
NOTE:
HANDRAIL INSTALLATION SHALL CONFORM WITH CURRENT A.D.A. REQUIREMENTS.

CONTRACTOR TO VERIFY DIMENSIONS FOR HANDRAIL CONSTRUCTION AND DIMENSIONS OF TRENDS AND RISERS PRIOR TO CONSTRUCTION.
HANDRAILS ARE REQUIRED FOR ALL LOCATIONS WITH 3 OR MORE STEPS.

**CLASS SI CONCRETE STEPS
CONSTRUCTION DETAIL
NOT TO SCALE**

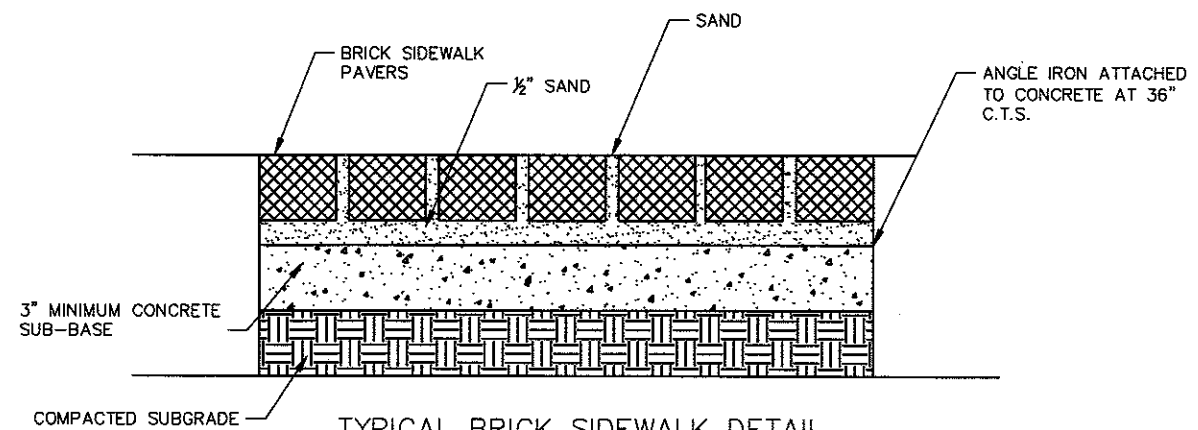


**BUTT JOINT DETAIL
NOT TO SCALE**



**TYPICAL SIGN INSTALLATION IN SIDEWALK
NOT TO SCALE**

NOTES:
CONTRACTOR SHALL PROVIDE A 1' X 1' BLOCK OUT OR EQUIVALENT IN SIDEWALK AT SIGN POST LOCATIONS. BLOCK OUT TO MATCH ADJACENT CONSTRUCTION AFTER SIGN POST IS INSTALLED. THIS WORK SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



**TYPICAL BRICK SIDEWALK DETAIL
NOT TO SCALE**

NOTES:
1. REINSTALL BRICK SIDEWALK TO ITS ORIGINAL PATTERN UNLESS OTHERWISE NOTES.
2. COST FOR BRICK SIDEWALK INCLUDES PAVERS, SAND, ANGLE IRON AND ATTACHMENTS, CONCRETE BASE, COMPACTED SUBGRADE, AND ASSOCIATED EARTHWORK.

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Professional Engineering Group

LICENSE NO.
184.004773
20-5080586

CONTRACT NO. 97652
SEC. NO. 14-00220-00-9S

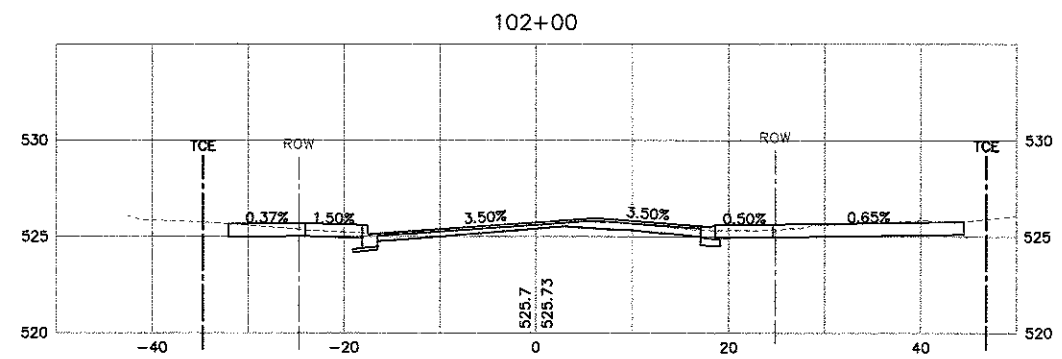
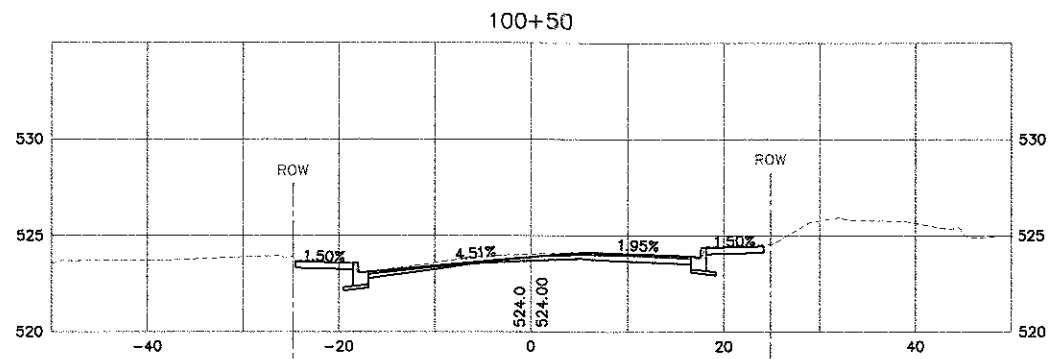
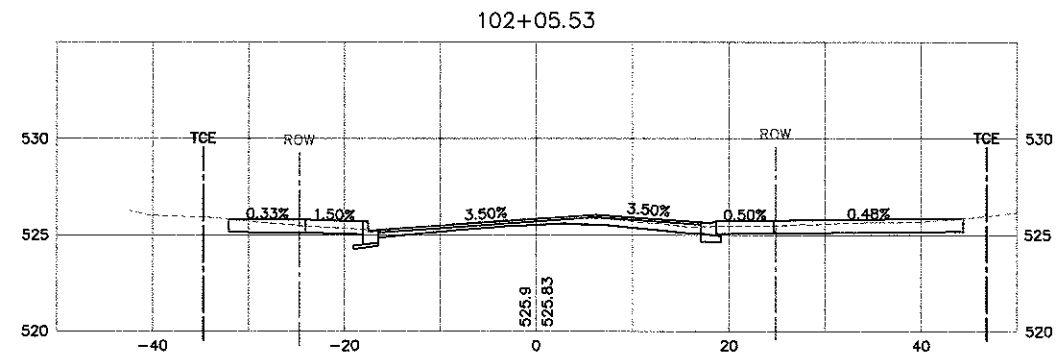
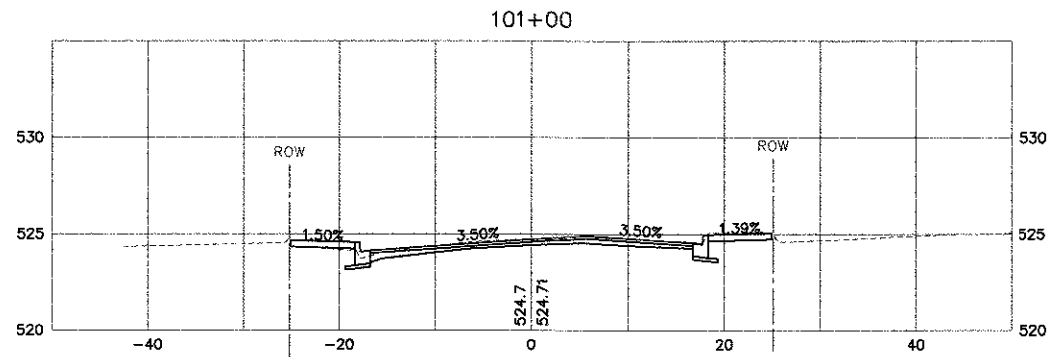
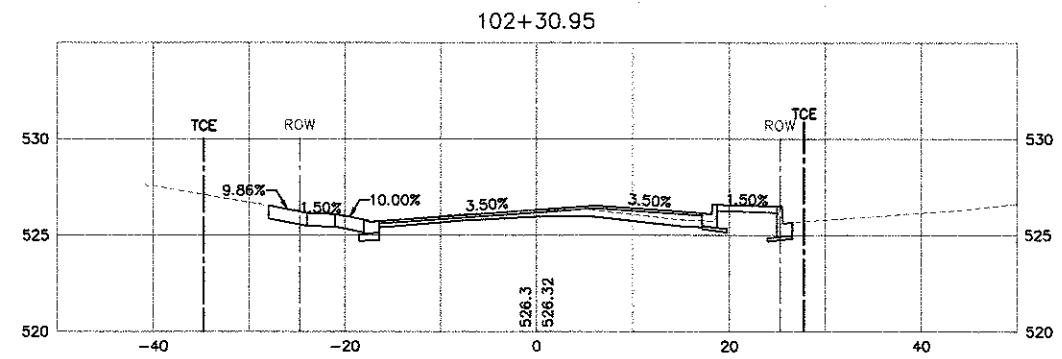
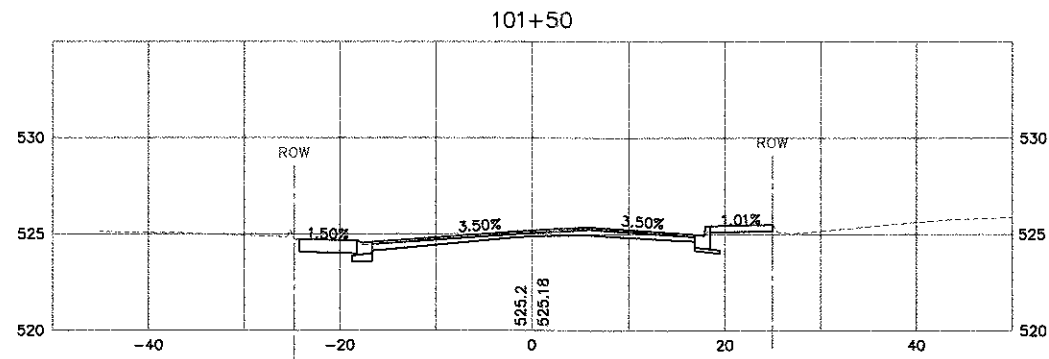
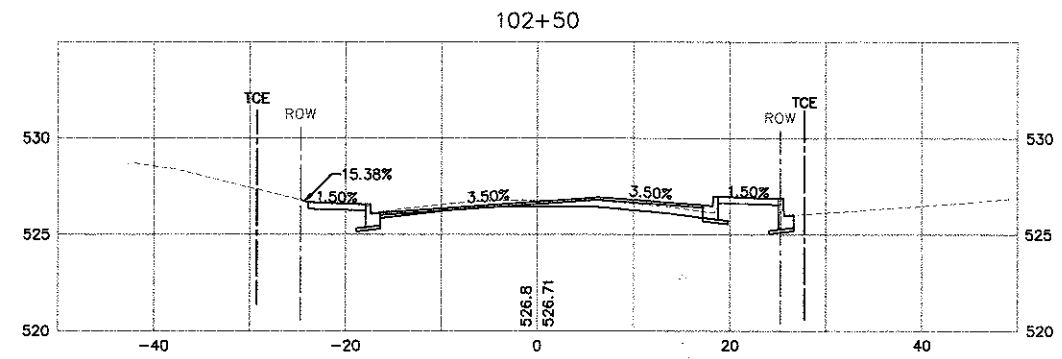
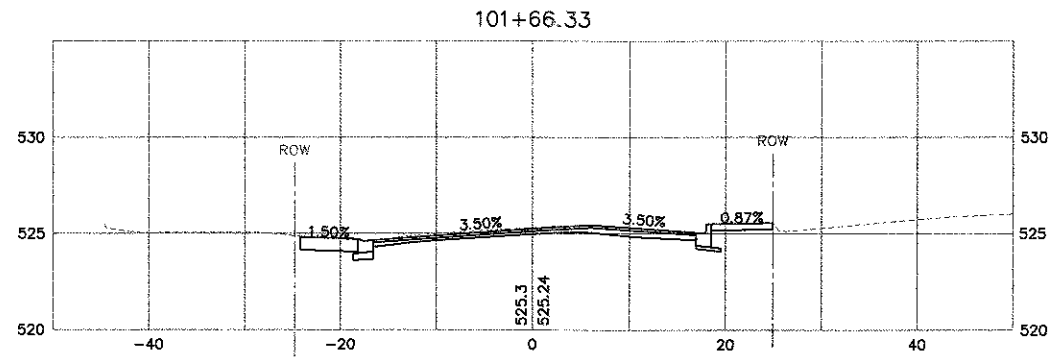
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DETAILS

SHEET TITLE:

PROJECT TITLE:
EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	44
DATE OF FINAL: 6/2/2017	
SHEET NO. 44 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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 Illinois Professional Design Firm
 Professional Engineering Group

LICENSE NO. 184-004773
 20-5080586

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

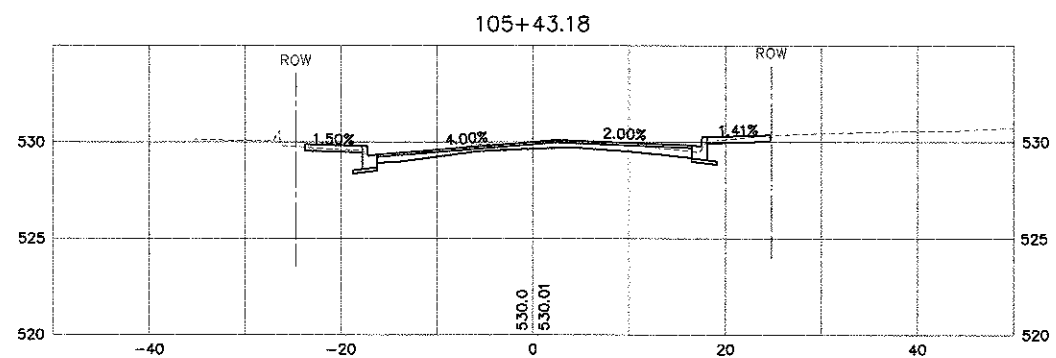
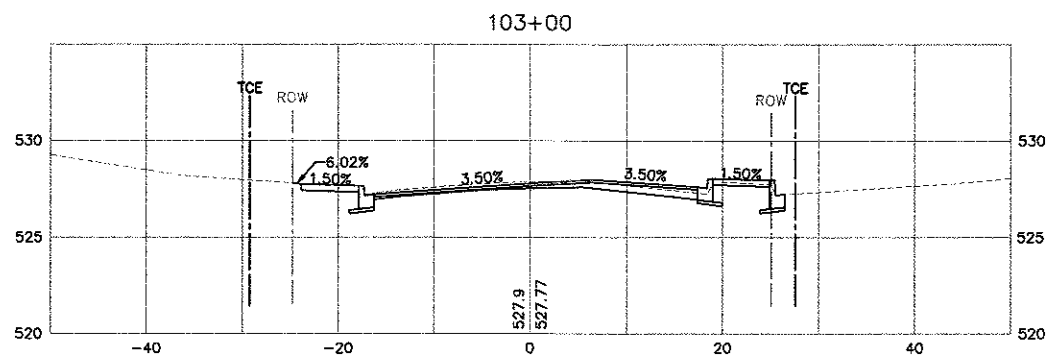
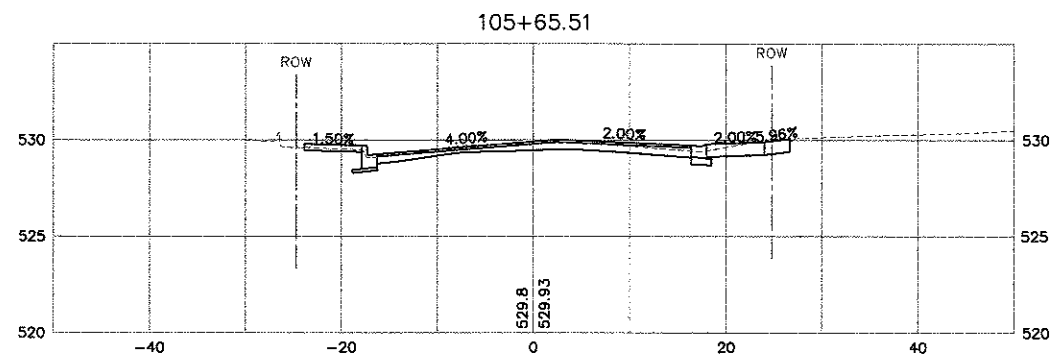
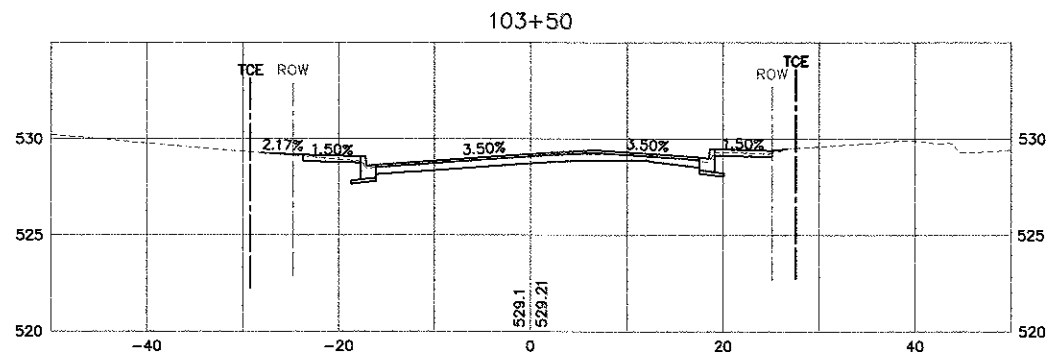
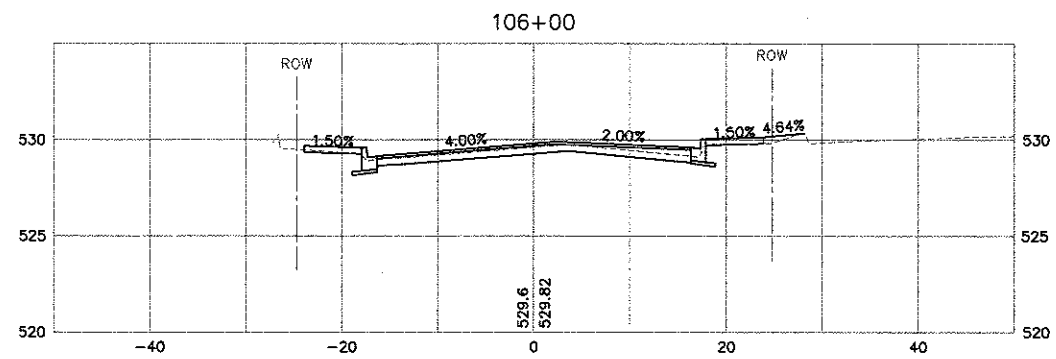
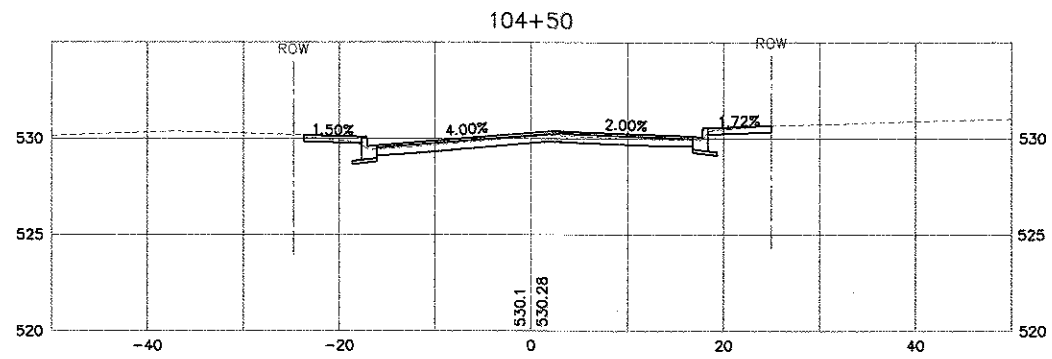
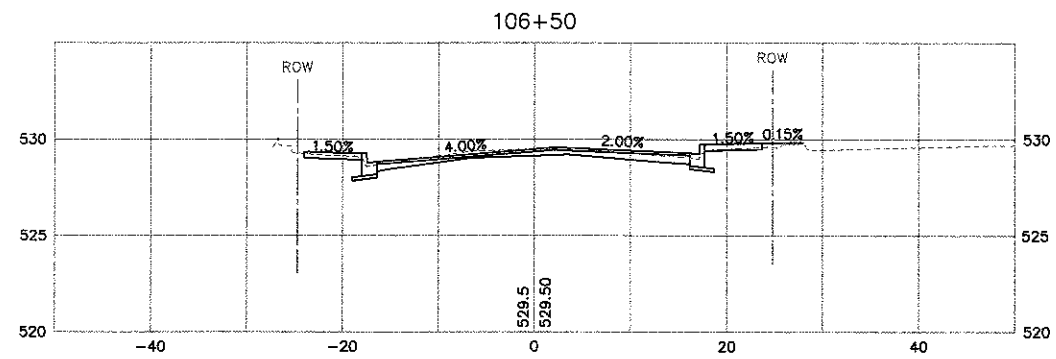
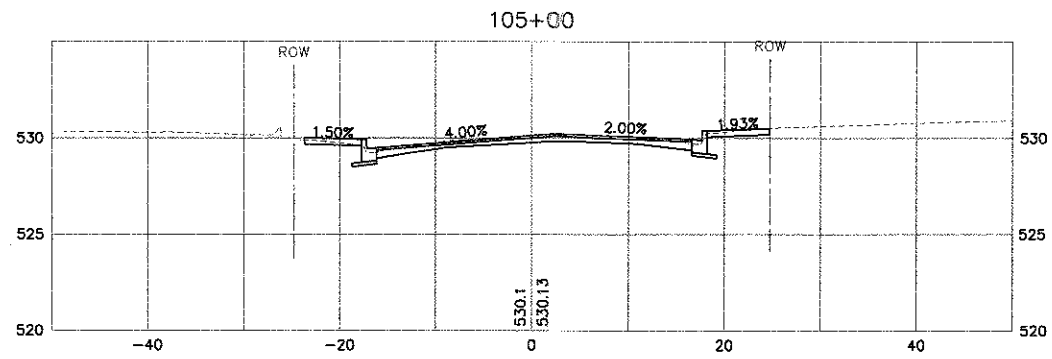
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SHEET TITLE: CROSS SECTIONS

PROJECT TITLE: EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	45
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 45 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

FILE: P:\15-1011.01 East A Street Resurfacing\10_CAD\CAD Sheets\15-1011.01_K-Sections.dwg



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LICENSE NO.
 184-004773
 20-5080586

CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

REV.	DATE	DESCRIP
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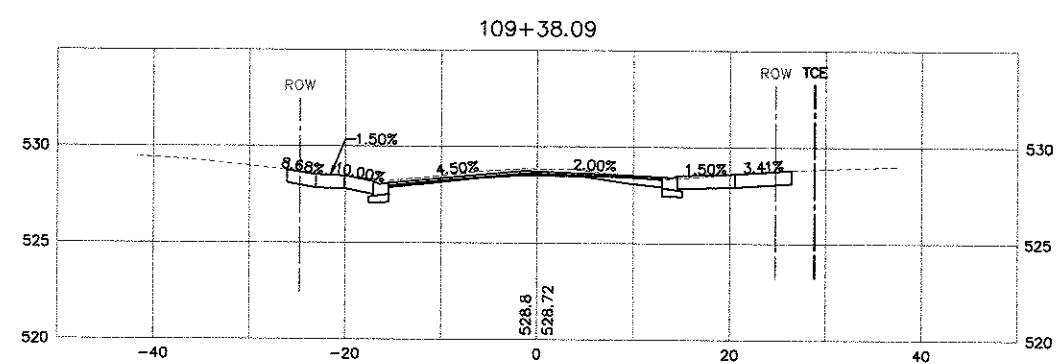
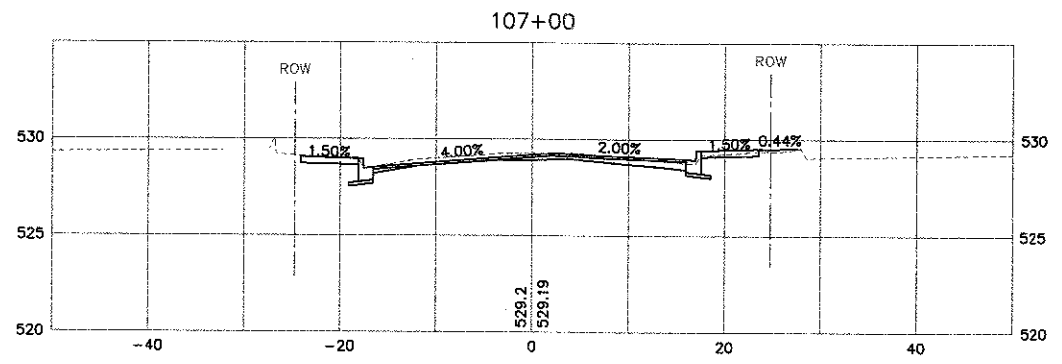
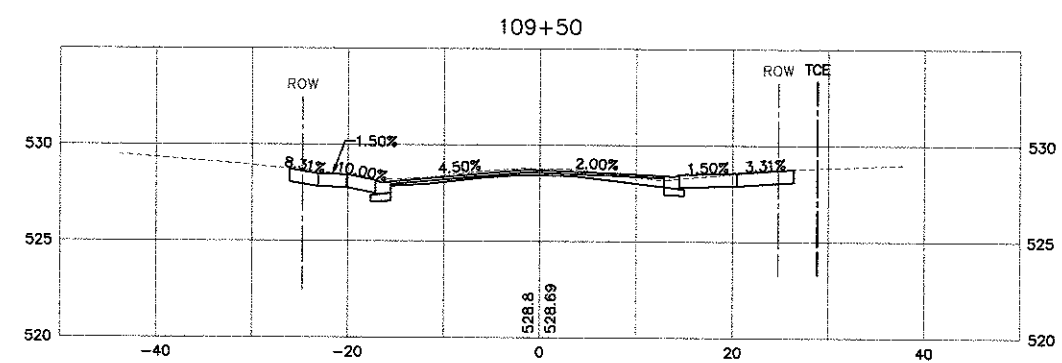
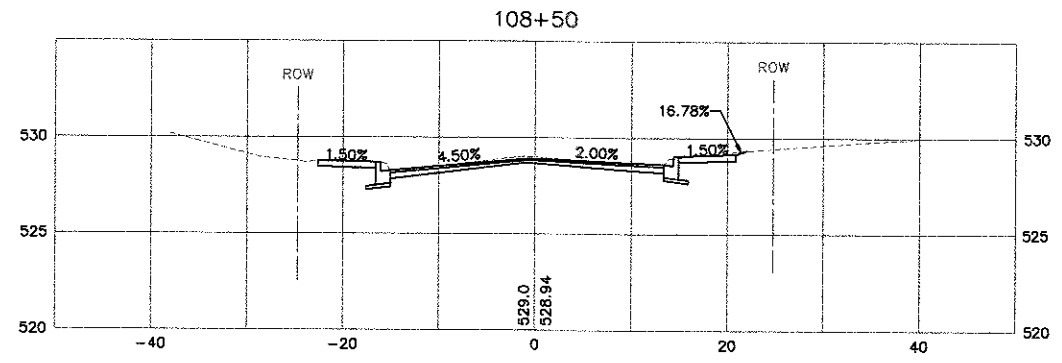
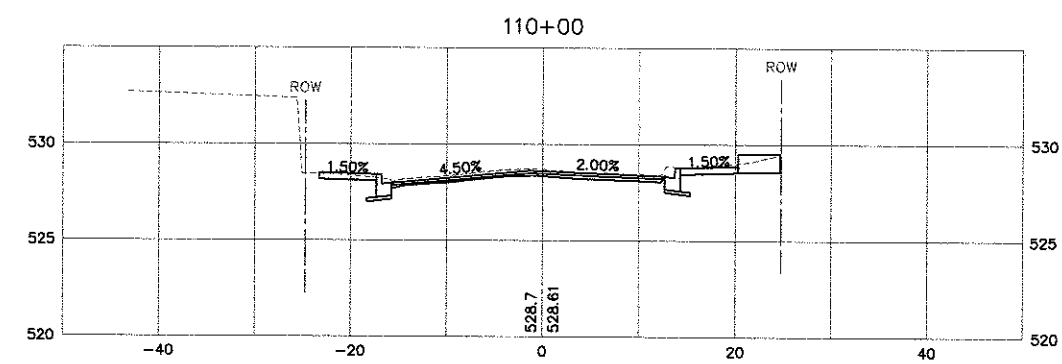
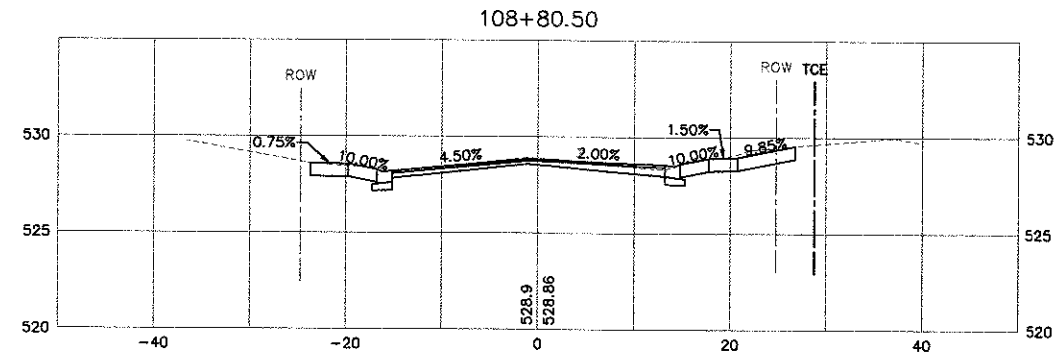
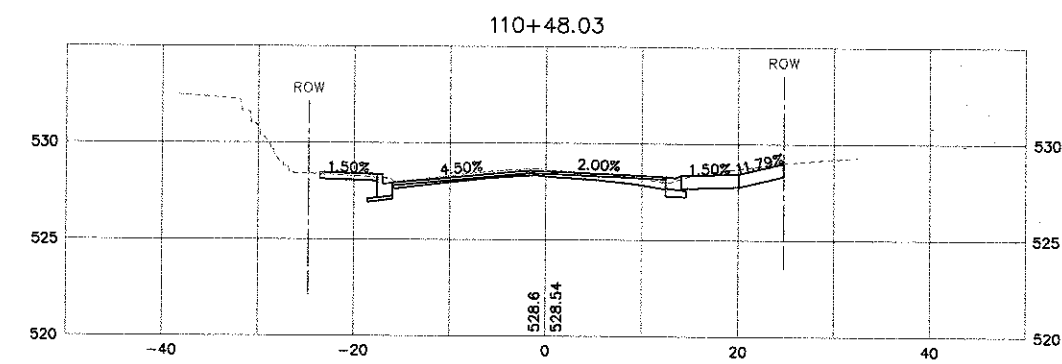
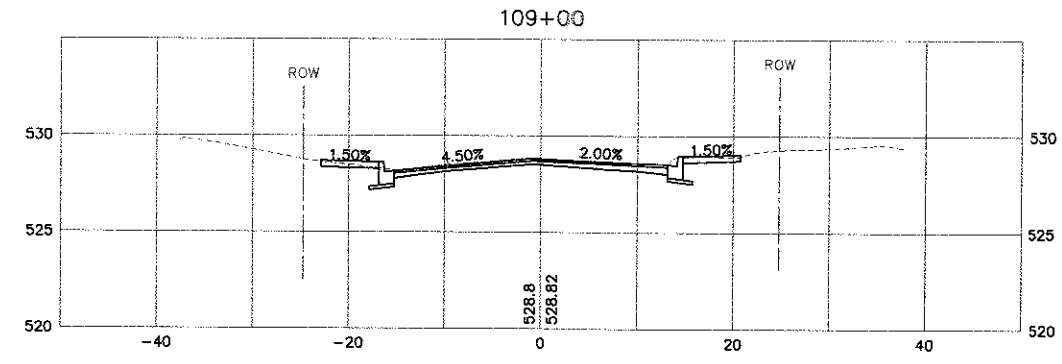
SHEET TITLE:
CROSS SECTIONS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	46
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 46 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		

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LICENSE NO.
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CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

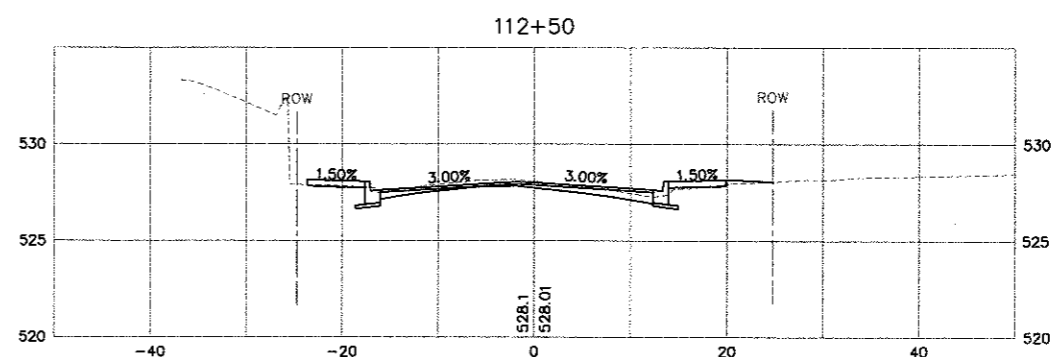
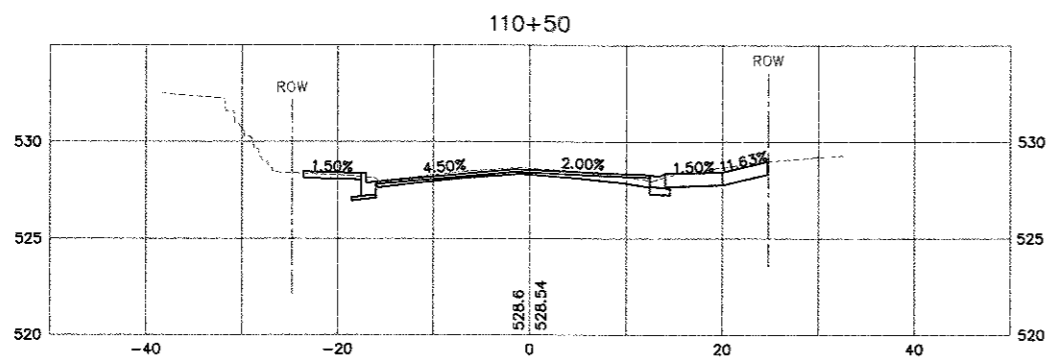
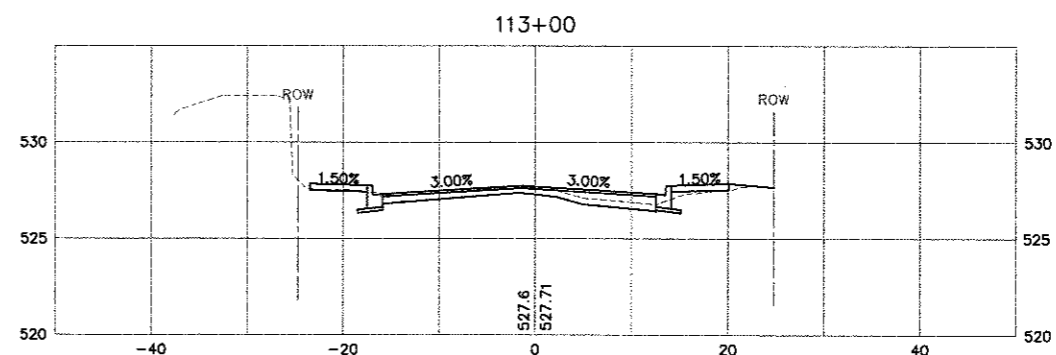
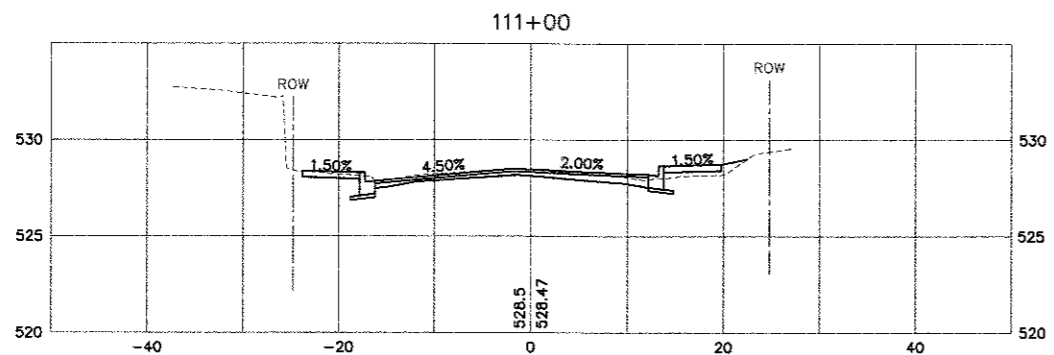
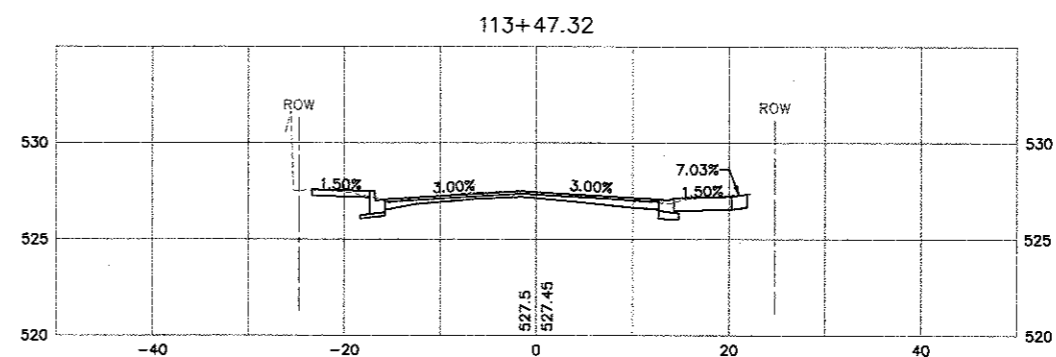
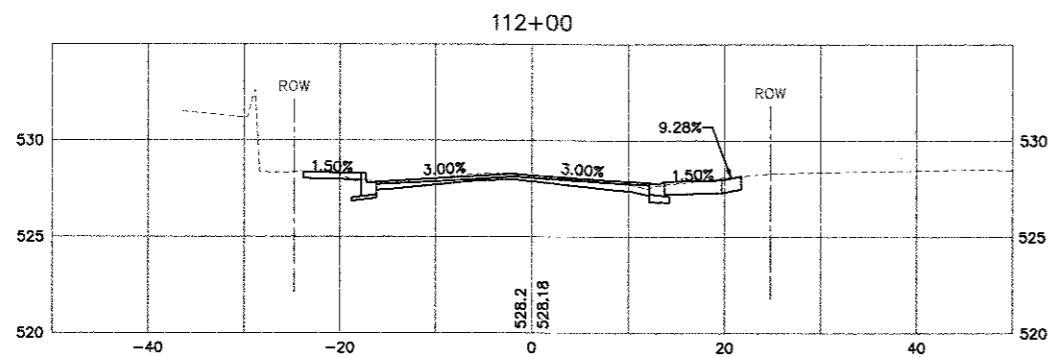
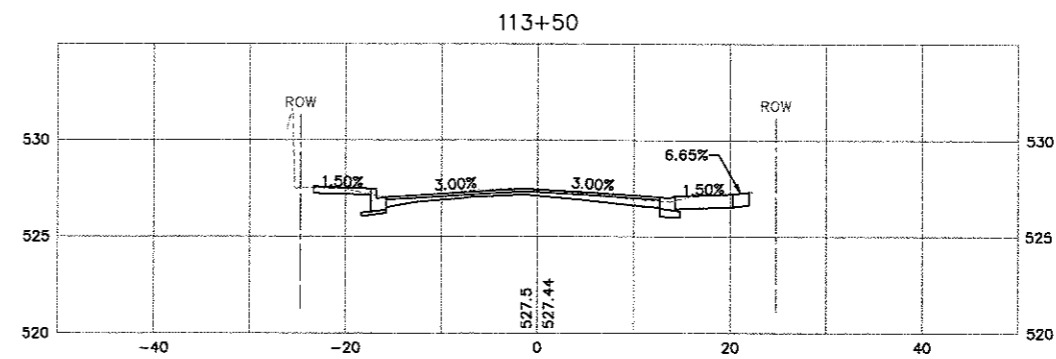
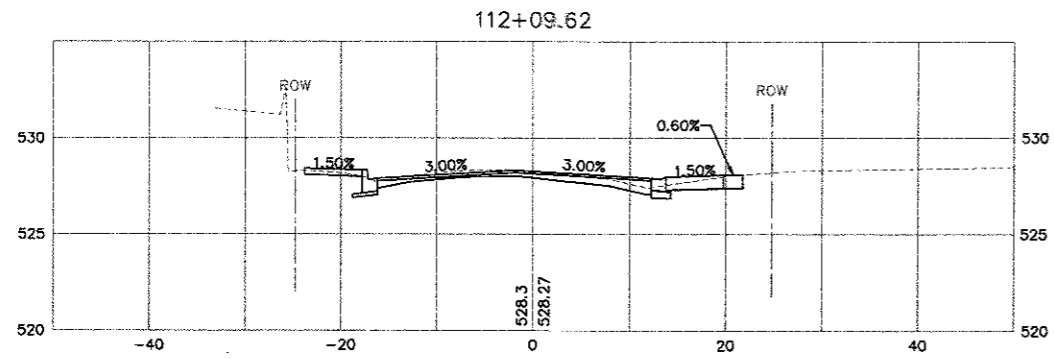
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CROSS SECTIONS

SHEET TITLE:

EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	47
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 47 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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LAST PLOTTED: 6/2/2017 2:42 PM OPERATOR: T.J.H

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PREPARED BY:

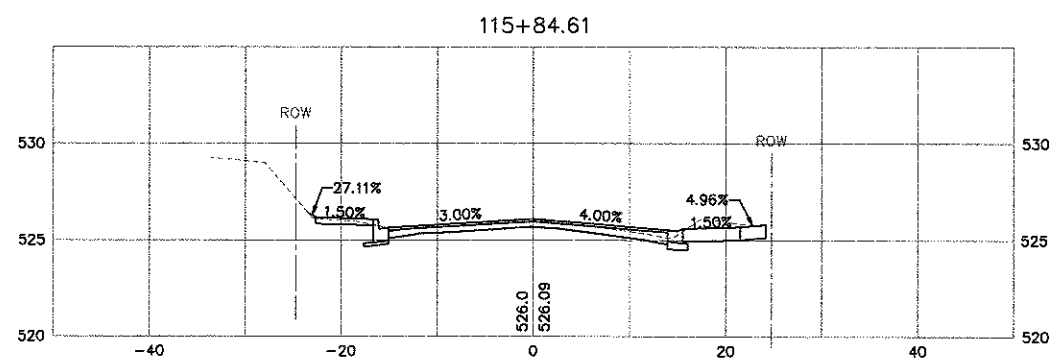
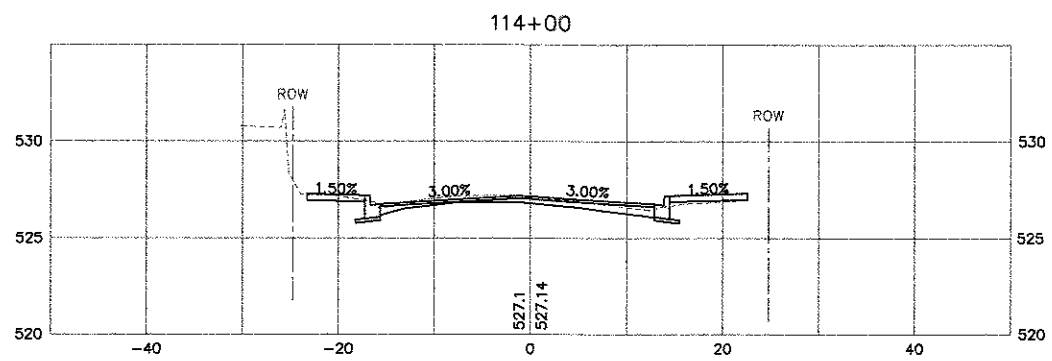
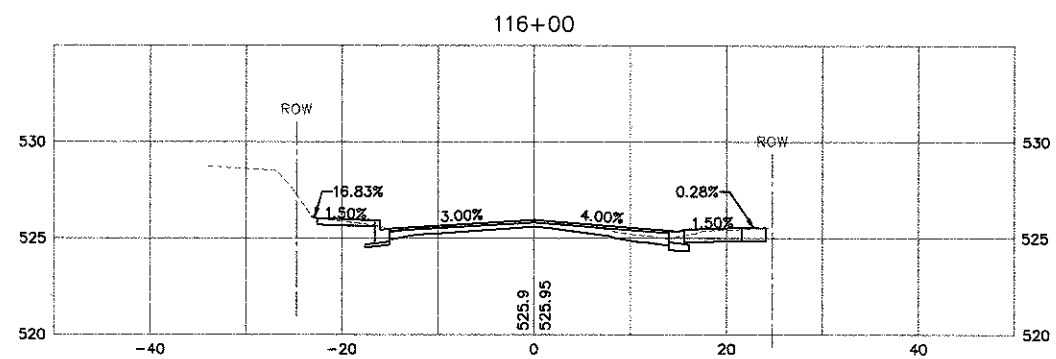
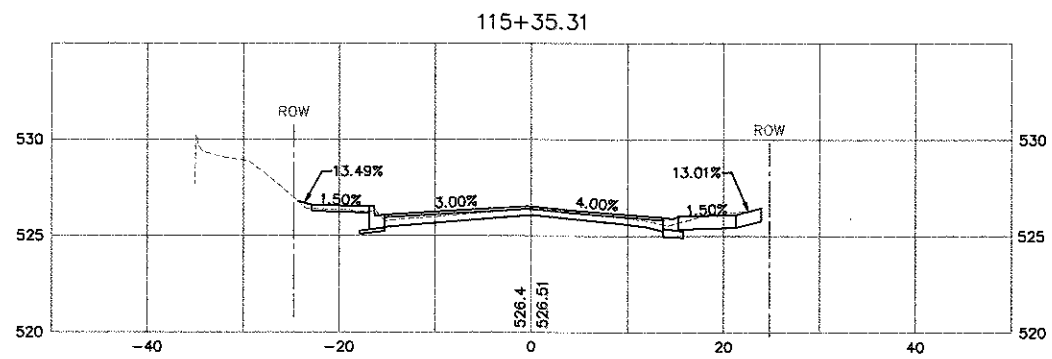
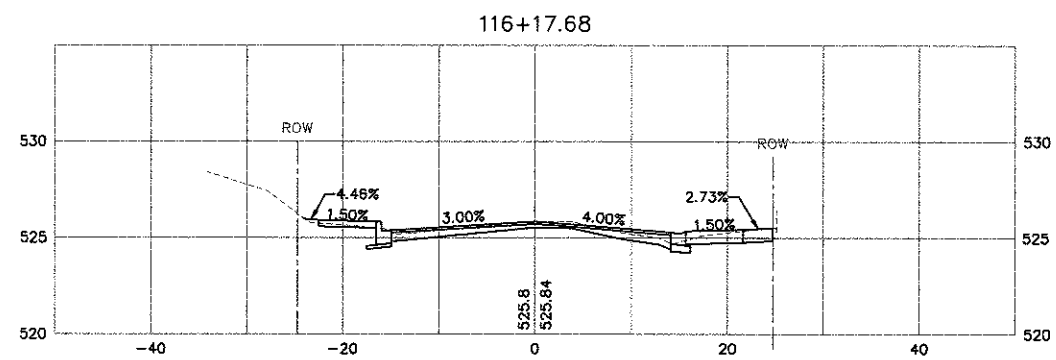
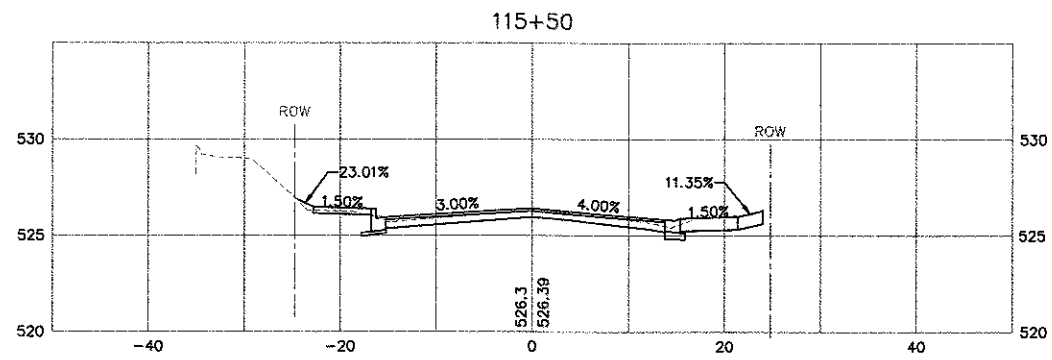
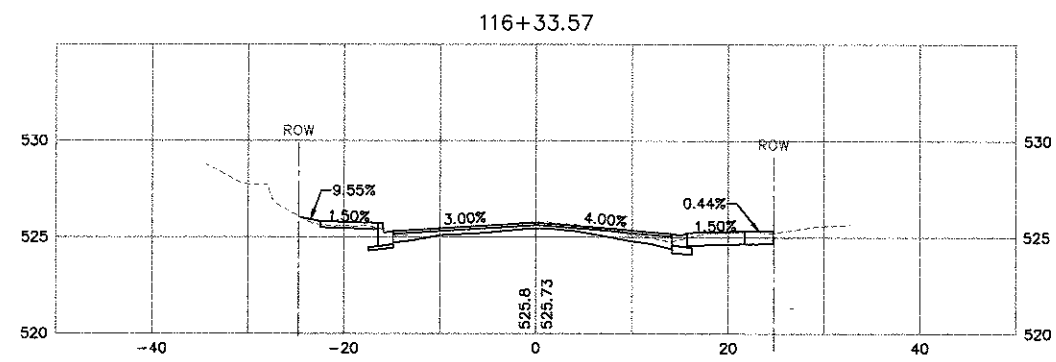
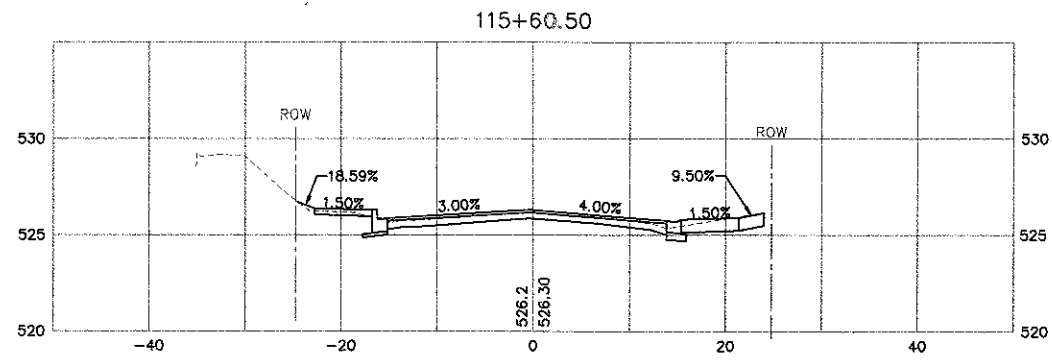
CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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SHEET TITLE:
CROSS SECTIONS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: T.J.H	SHEET
DRAWN BY: T.J.H	48
CHECKED BY: J.L.T	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 48 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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CONTRACT NO. 97652
SEC. NO. 14-00220-00-R5

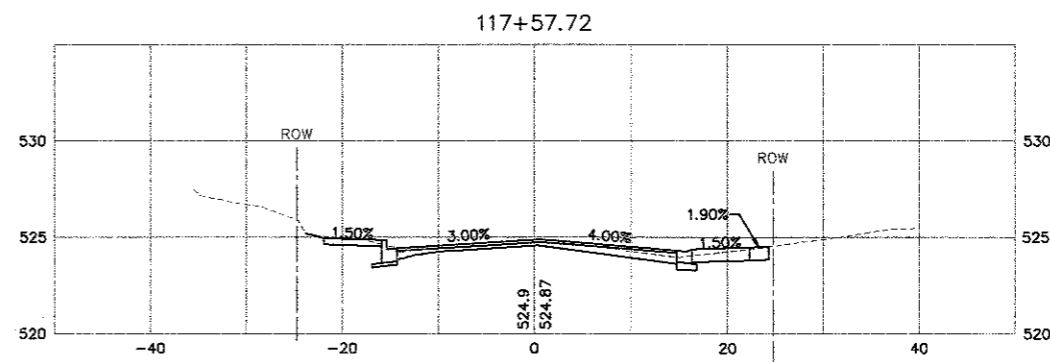
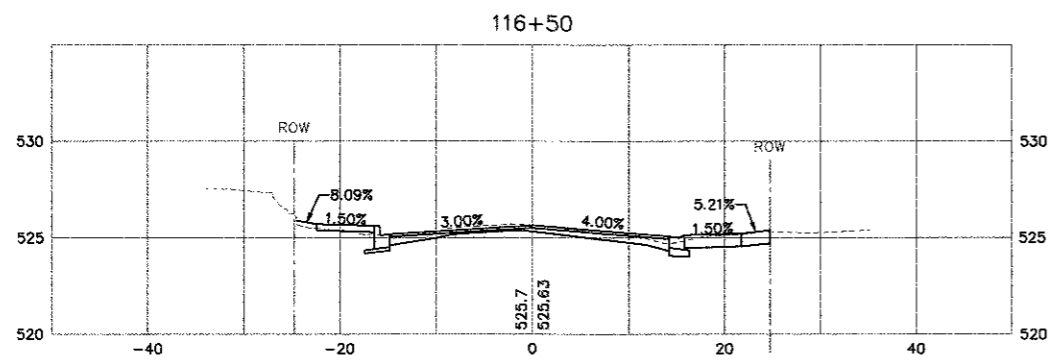
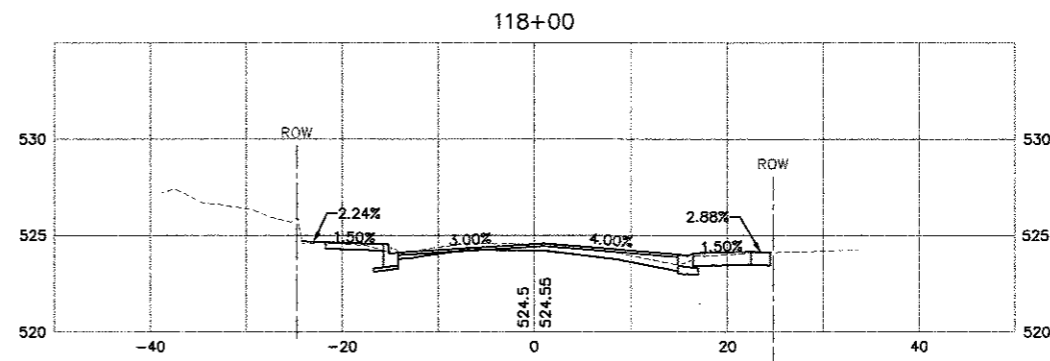
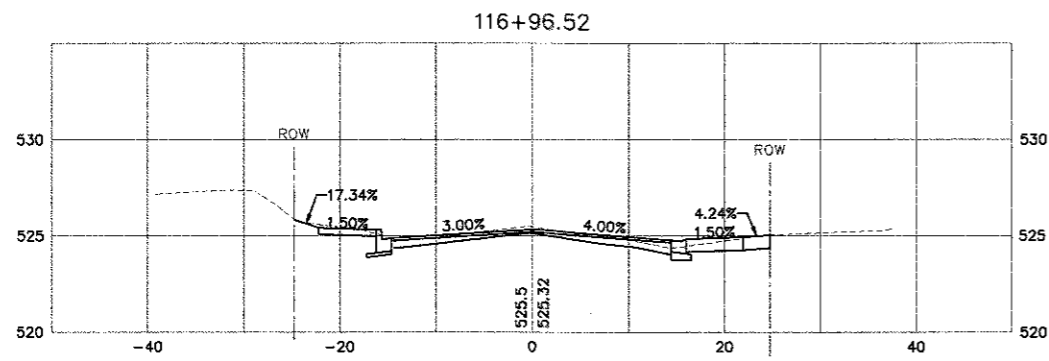
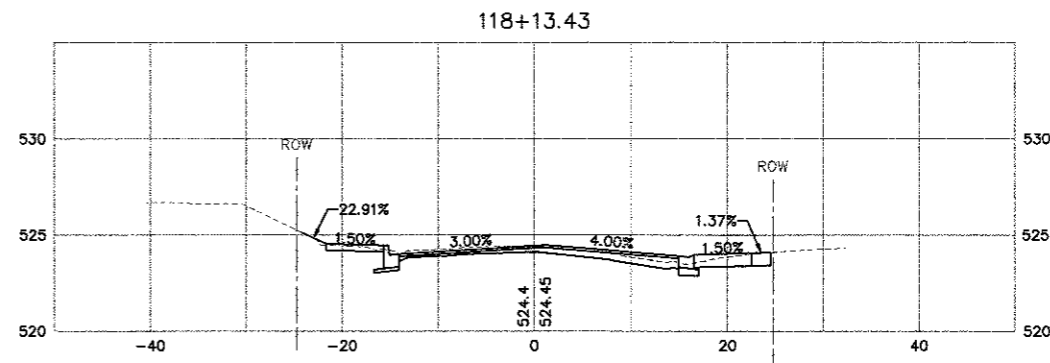
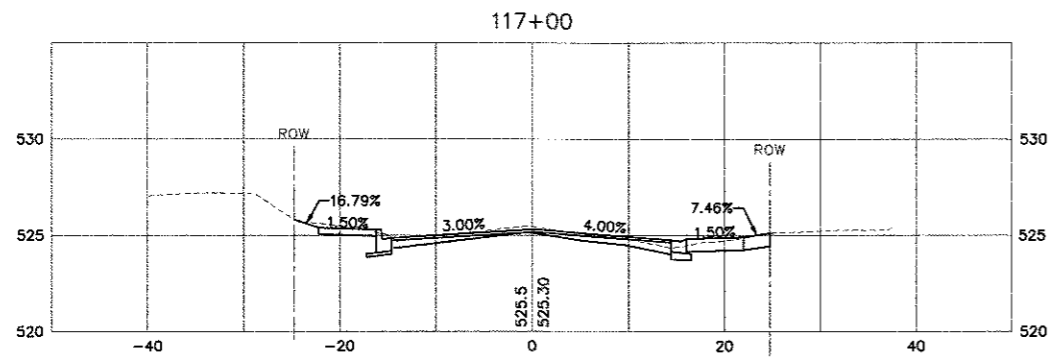
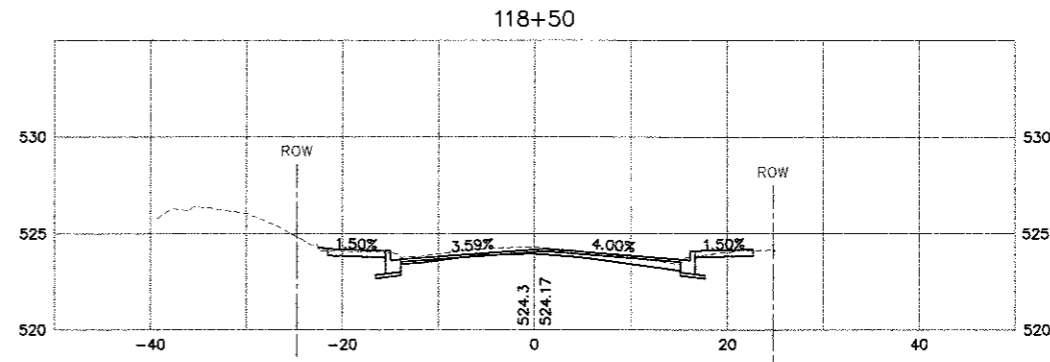
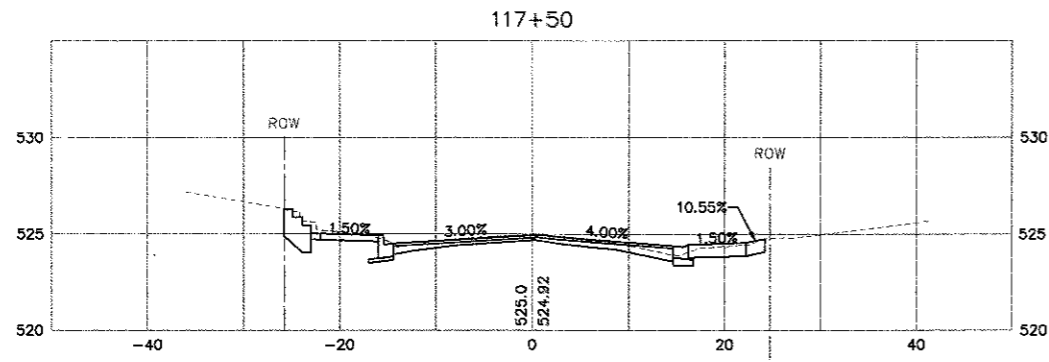
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SHEET TITLE: CROSS SECTIONS

PROJECT TITLE: EAST A STREET RESURFACING
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	49
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 49 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

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LICENSE NO. 184-004773
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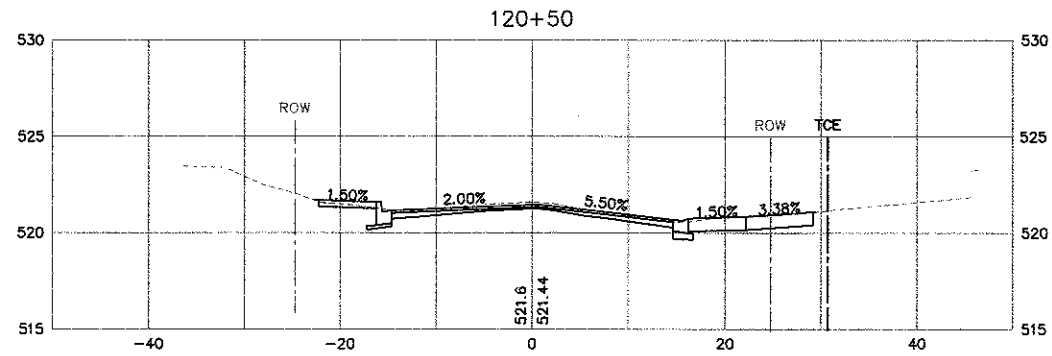
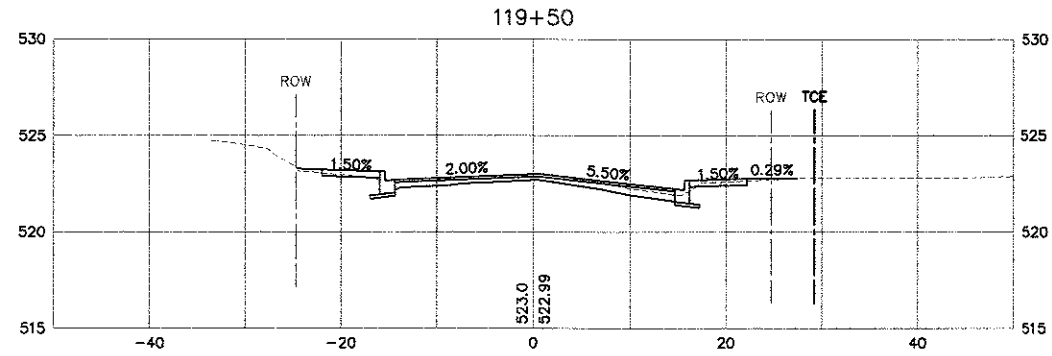
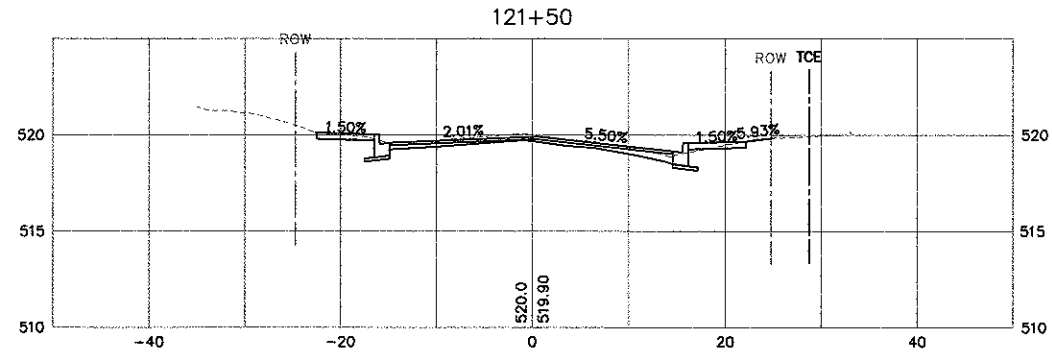
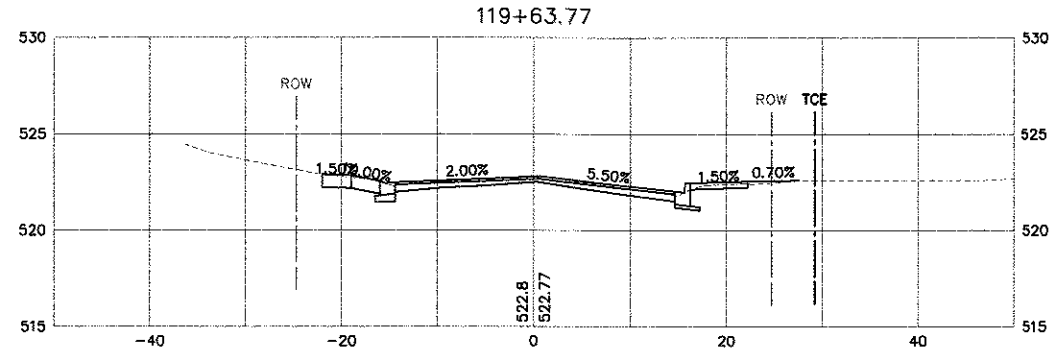
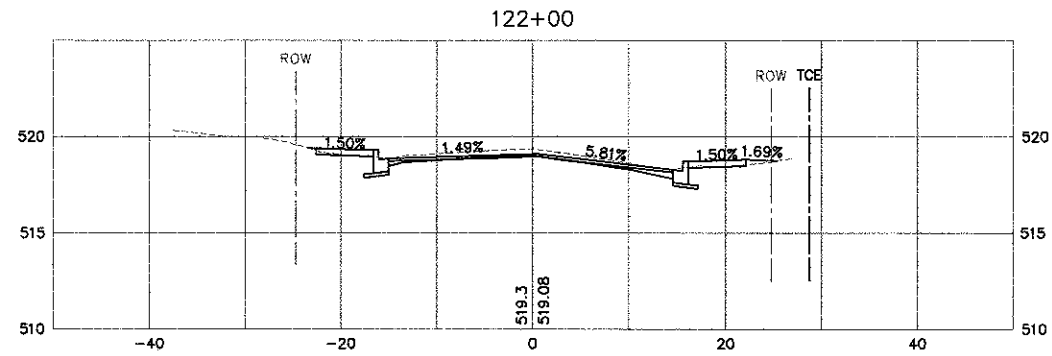
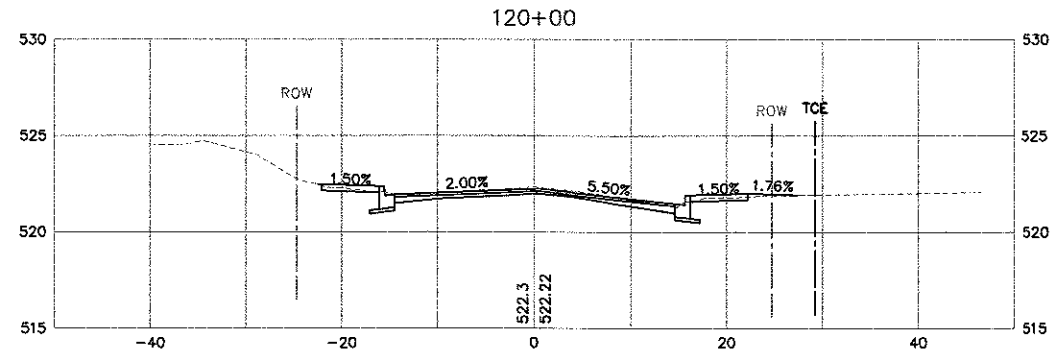
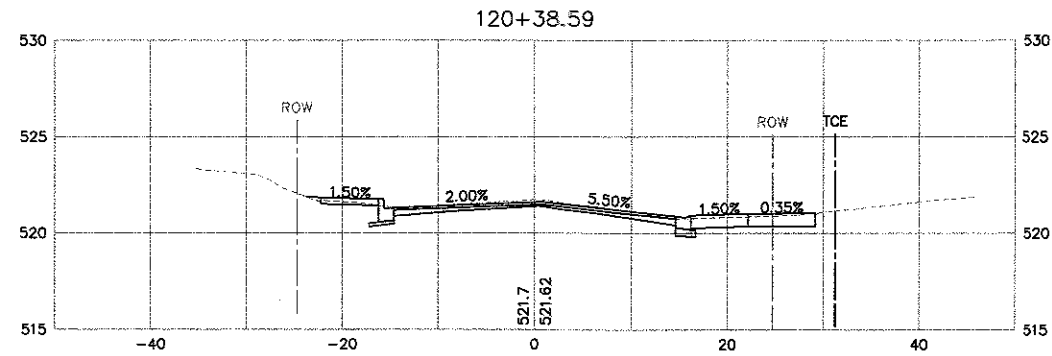
CONTRACT NO. 97652
 SEC. NO. 14-00220-00-RS

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CROSS SECTIONS

SHEET TITLE:
 EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	50
DATE OF FINAL: 6/2/2017	
SHEET NO. 50 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	



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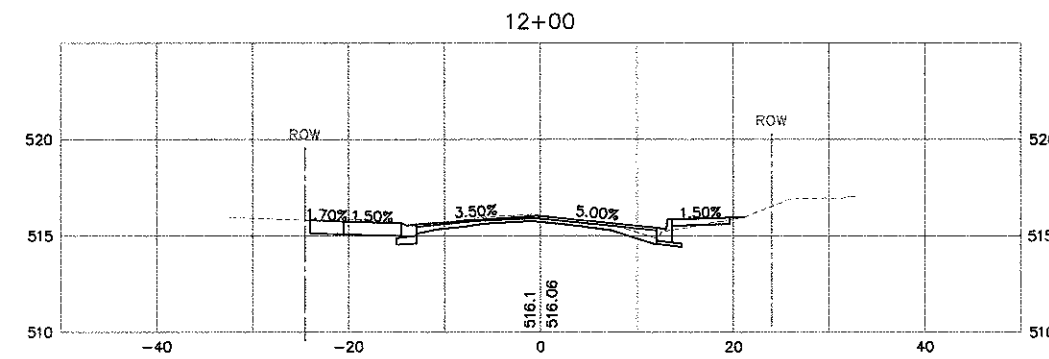
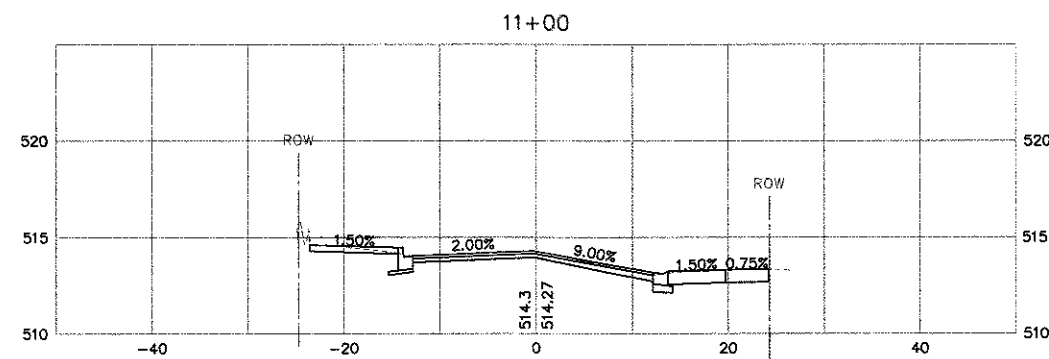
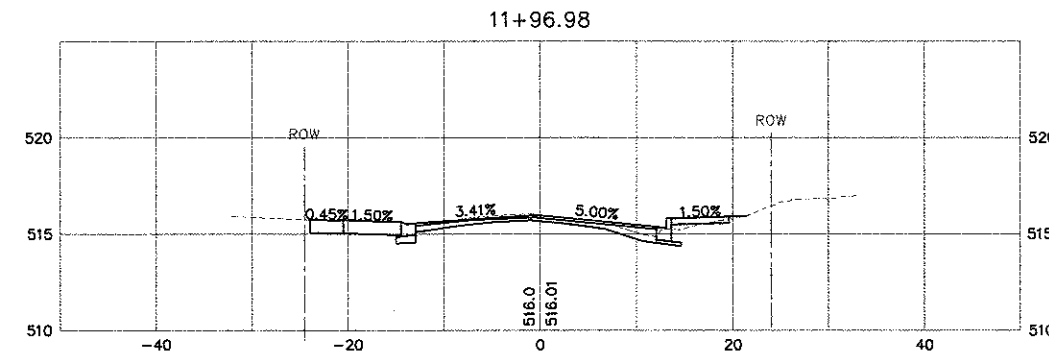
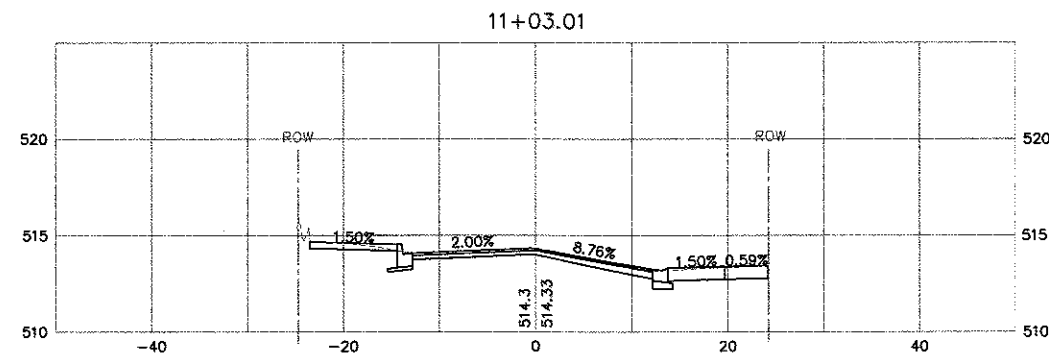
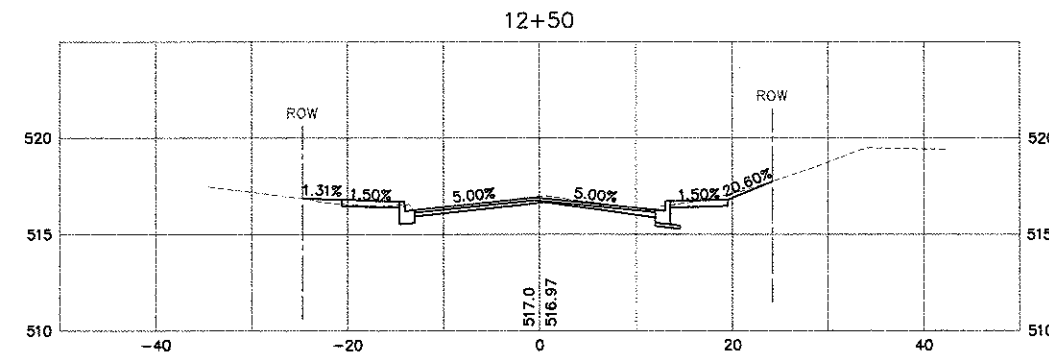
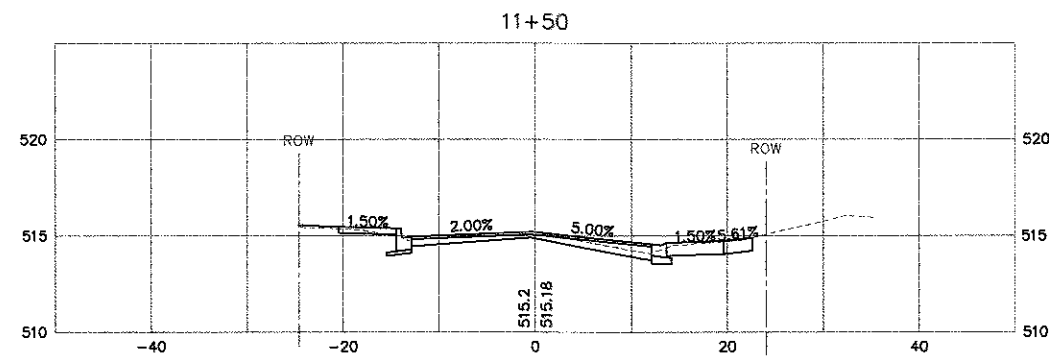
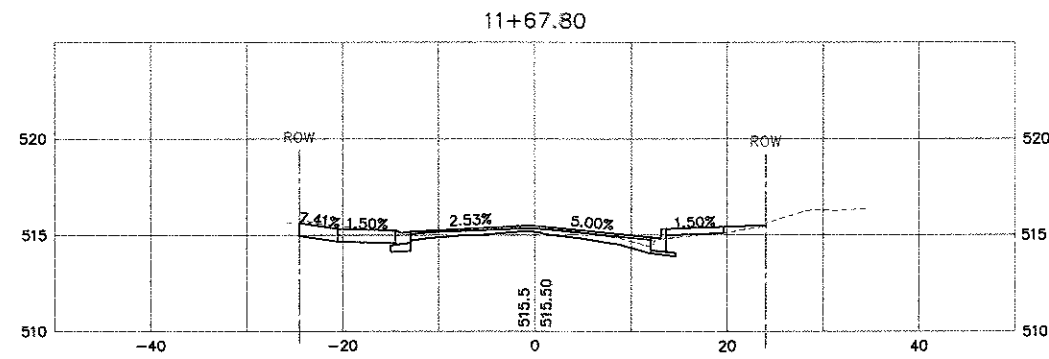
CONTRACT NO. 97652
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SHEET TITLE:
CROSS SECTIONS

PROJECT TITLE:
**EAST A STREET RESURFACING
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	TJH	SHEET
DRAWN BY:	TJH	51
CHECKED BY:	JLT	
DATE OF PRELIMINARY:	3/23/2017	
DATE OF FINAL:	6/2/2017	
SHEET NO. 51 OF 52 SHEETS		
PROJECT NUMBER 15-1011.01		



CONTRACT NO. 97652
SEC. NO. 14-00220-00-RS

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SHEET TITLE: CROSS SECTIONS
PROJECT TITLE: EAST A STREET RESURFACING
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ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJH	SHEET
DRAWN BY: TJH	52
CHECKED BY: JLT	
DATE OF PRELIMINARY: 3/23/2017	
DATE OF FINAL: 6/2/2017	
SHEET NO. 52 OF 52 SHEETS	
PROJECT NUMBER 15-1011.01	

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