

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	10-00176-04-SW	ST. CLAIR	59	01
FEDERAL AID PROJECT			CONTRACT NO. 97877	

INDEX OF SHEETS

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06-14-2019 LETTING ITEM 244

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FAU ROUTE 9182
CITY OF BELLEVILLE
WEST MAIN STREETSCAPE 6TH ST. TO 12TH ST.
SECTION 10-00176-04-SW
PROJECT NO. LHMV (672)
JOB NO. C-98-318-11
ST. CLAIR COUNTY, IL
STP-E FUNDS

STANDARDS

- 000001-07
- 001001-02
- 001006
- 280001-07
- 424001-11
- 424011-03
- 424021-04
- 606001-07
- 701311-03
- 701601-09
- 701701-10
- 701801-06
- 701901-08
- 720001-01
- 720006-04
- 780001-05
- 814001-03
- 876001-04
- 886001-01
- 886006-01
- B.L.R. 17-4



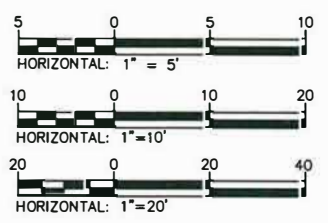
MICHAEL D. MITCHELL
LICENSE NO. 062-063142
SHEETS: 12 & 49-54

DATE: 1-30-19
EXPIRES: 11-30-2019



TYLER J. HAZELWONDER
LICENSE NO. 062-070655
SHEETS 1-11, 13-48, & 55-59

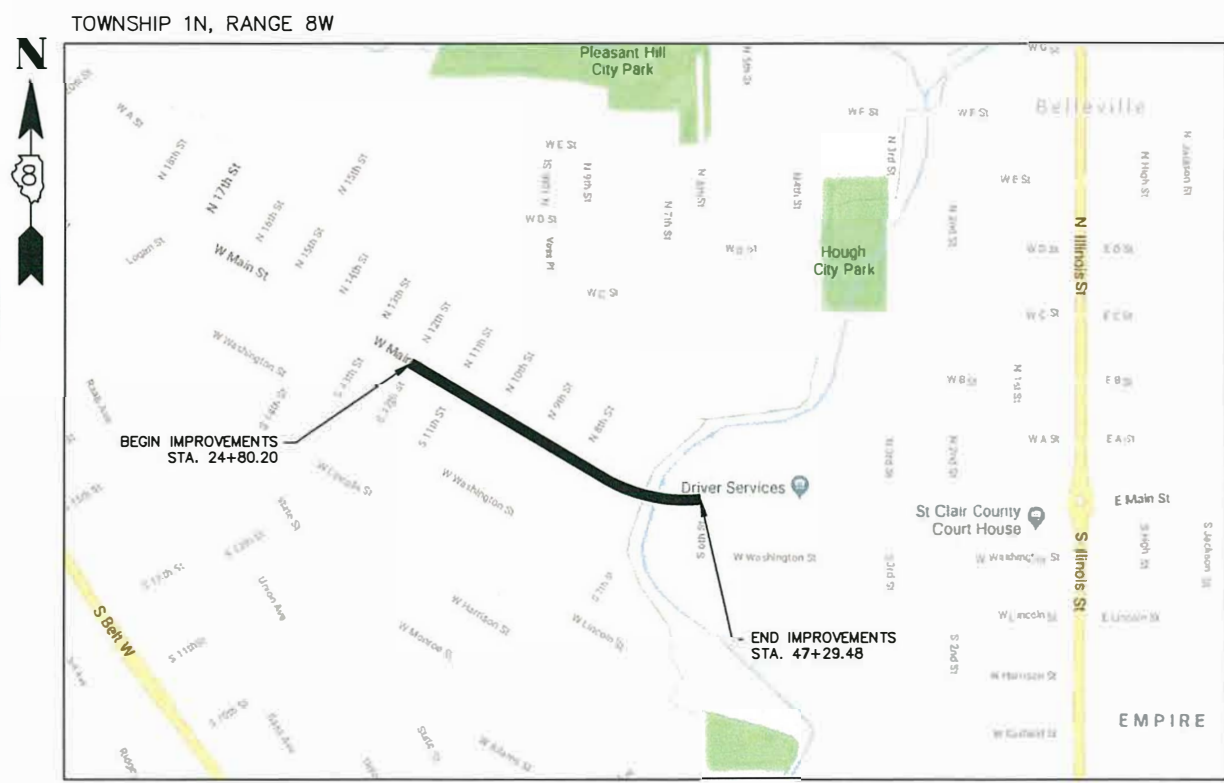
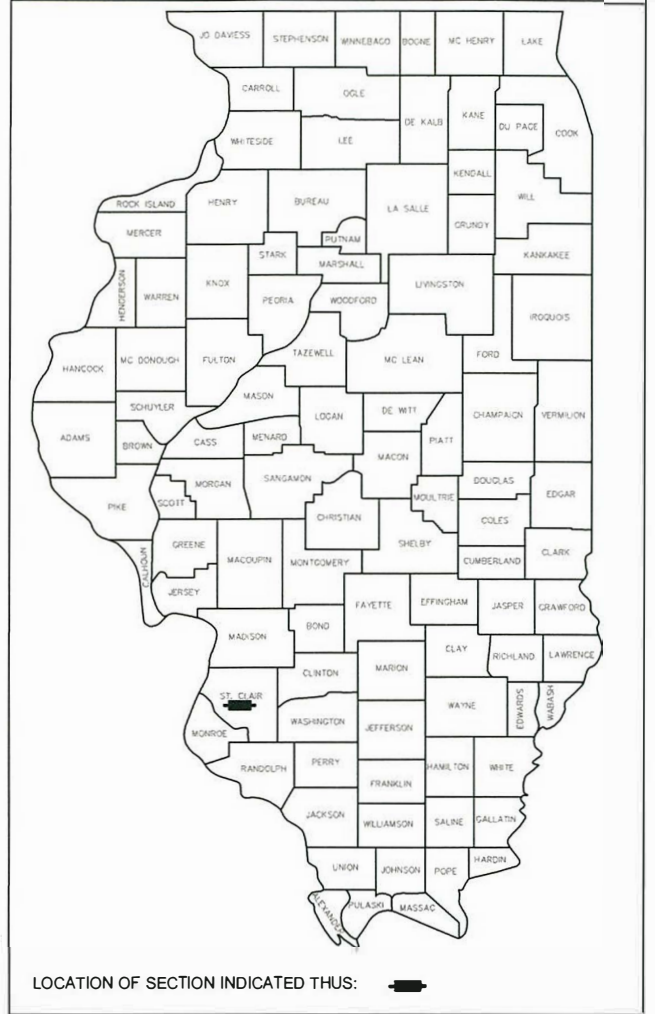
DATE: 1-30-19
EXPIRES: 11-30-2019



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

SCALES:

ROADWAY PLAN 1 INCH = 20 FEET



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: January 30th 2019
Mark W. Eckert
CITY OF BELLEVILLE, MAYOR

PASSED: February 22, 2019
Chris Schaw
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: February 22, 2019
Keith Roberts
REGION 5 ENGINEER

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

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

LENGTH OF PROJECT

TOTAL GROSS LENGTH = 2,249.28' (0.426 MILES)
TOTAL NET LENGTH = 2,249.28' (0.426 MILES)
FUNCTIONAL CLASSIFICATION: ARTERIAL
DESIGN SPEED: 30 MPH
WEST MAIN STREET CURRENT YEAR (2013) ADT: 9900

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 NRCSS 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 PCC CONCRETE SIDEWALK 6" 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 293 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 HIGHWAY LIGHTING POLES.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE 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 VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMEBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

*AMEREN ILLINOIS (GAS & ELECTRIC)
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
(618) 234-3400

*AT&T (COMM)
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400

*CHARTER COMMUNICATIONS (CABLE TV)
317 WEST MAIN STREET
BELLEVILLE, IL 62220
(618) 277-2288

*ILLINOIS AMERICAN WATER COMPANY (WATER)
100 NORTH WATERWORKS DRIVE
BELLEVILLE, IL 62223
(618) 277-7450

CITY OF BELLEVILLE (SANITARY SEWER)
213 SOUTH ILLINOIS STREET
BELLEVILLE, IL 62220
(618) 233-6810

*NEW WAVE COMMUNICATIONS (COMMUNICATIONS)
1410 SPARTA CENTER DRIVE
SPARTA, IL 62286
(888) 863-9928

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- HOT-MIX ASPHALT SURFACING, BINDER 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 PROPOSED LEVEL BINDER AT A RATE OF 0.05 LB/SQ FT.
- 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.
- OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS WILL NOT BE PERMITTED.
- THE CONTRACTOR SHALL USE PRECAUTIONS DURING CONSTRUCTION TO PROTECT THE STRUCTURAL INTEGRITY OF ALL EXISTING BUILDINGS.

COMMITMENTS

- ANY PORTION OF THE EXISTING VAULT FRAMES AND COLLARS ARE LOCATED AT 1111-1113 SHALL BE SALVAGED IF POSSIBLE AND DELIVERED TO THE CITY TO BE STORED FOR A FUTURE MEMORIAL AT THE LOCATION OF THE TOWN OF WEST BELLEVILLE'S ORIGINAL SQUARE.
- BRICK SIDEWALK WILL BE PAVED AROUND THE LIMITS OF THE TOWN OF WEST BELLEVILLE'S ORIGINAL SQUARE ALONG WEST MAIN STREET, NORTH AND SOUTH 11TH STREET.
- DURING CONSTRUCTION, THE TOWN SCALE, LOCATED AT STA. 27+50 29.5' RT, SHALL BE HANDLED WITH CARE TO SALVAGE ANY PORTION OF THE EXISTING SCALE THAT MAY HAVE BEEN COVERED TO BUILD THE EXISTING SIDEWALK OR GARDEN ON SITE.
- DURING CONSTRUCTION, ANY ITEMS UNCOVERED THAT REFERENCES THE CITY OF BELLEVILLE OR THE TOWN OF WEST BELLEVILLE SHALL BE SALVAGED AND STORED BY THE CITY FOR THE BELLEVILLE HISTORICAL SOCIETY.
- THERE ARE TWO GRATES MANUFACTURED BY H.W. CLARK CO. ON THE NORTHEAST AND NORTHWEST CORNERS OF NORTH 10TH STREET AND WEST MAIN STREET. THESE GRATES SHALL BE SALVAGED AND STORED BY THE CITY FOR THE BELLEVILLE HISTORICAL SOCIETY.
- THERE IS A HARRISON WORKS GRATE ON THE EAST SIDE OF SOUTH 11TH STREET JUST SOUTH OF THE ALLEY RUNNING DOWN SOUTH MAIN. THIS GRATE SHALL BE SALVAGED AND STORED BY THE CITY FOR THE BELLEVILLE HISTORIC SOCIETY.
- DURING CONSTRUCTION, ANY EXCAVATED MATERIAL IN THE RECOGNIZED ENVIRONMENTAL CONDITIONS (REC'S) AREAS SHALL NOT BE REMOVED FROM THE LPA ROW.

- IN THE EVENT CONTAMINATED SOIL IS DISCOVERED DURING CONSTRUCTION, THE AWARDED CONTRACTOR SHALL HAVE A HEALTH AND SAFETY PLAN PREPARED, STATING ALL KNOWN AND REASONABLE BEST MANAGEMENT PRACTICES, SAFETY PROCEDURES, AND APPLICABLE RULES AND REGULATIONS WILL BE ADHERED AT ALL TIMES.

- AT THE PROPOSED ADA RAMP TO 1021 WEST MAIN STREET, THE RAMPS RAILING MUST BE PAINTED OR COATED TO MATCH THE CENTER POST AT THE BUILDING'S CORNER ENTRANCE. THE CENTER POST'S COLLAR AT ITS BASE MUST BE REPLICATED/REINSTALLED ONCE THE RAMP AND THE ELEVATED STOOP ARE BUILT. SEE THE INTERSECTION DETAIL AND DETAIL SHEETS.

208 East Main Street, Suite 100
Belleville, Illinois 62220
618.233.6877 phone
618.233.5977 fax
www.kaskaskiaeng.com



PREPARED BY:

PROFESSIONAL REGISTRATIONS
ILLINOIS PROFESSIONAL DESIGN FIRM
PROFESSIONAL ENGINEERING GROUP

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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SHEET TITLE:
GENERAL NOTES AND COMMITMENTS

PROJECT TITLE:
WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	2
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 2 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010\00 West Main St Streetscape 6th to 17th St\10_CAD\CADD Sheets\Phase 1\11-1010_04 and Schedules.dwg

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0028	LIGHTING 0031
28000500	INLET AND PIPE PROTECTION	EACH	42	42	
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	168	168	
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	991	991	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	353	353	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,917	4,917	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	91	91	
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	780	780	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	921	921	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	23	23	
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SQ YD	871	871	
42001300	PROTECTIVE COAT	SQ YD	785	785	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	612	612	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	15,061	15,061	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	4,712	4,712	
42400800	DETECTABLE WARNINGS	SQ FT	437	437	
44000100	PAVEMENT REMOVAL	SQ YD	1,437	1,437	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	471	471	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,483	3,483	
44000600	SIDEWALK REMOVAL	SQ FT	17,272	17,272	
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	103	103	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	115	115	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6	6	
60260100	INLETS TO BE ADJUSTED	EACH	16	16	
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	23	23	
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	3	3	
60600605	CONCRETE CURB, TYPE B	FOOT	49.0	49.0	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,503.5	3,503.5	
67100100	MOBILIZATION	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,041	2,041	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	674	674	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	91	91	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,276	6,276	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,233	1,233	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	362	362	
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	230	230	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	91	91	
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,276	6,276	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,014	1,014	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	327	327	
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	219	219	
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	35	35	
Δ 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	4,324		4,324
Δ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,954	44	4,910
Δ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,067		6,067

SUMMARY OF QUANTITIES

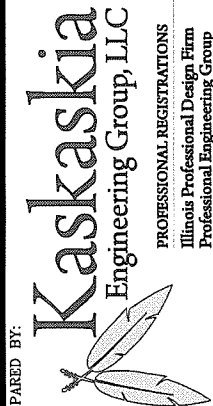
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0028	LIGHTING 0031
Δ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3,953		3,953
Δ 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	9,918		9,918
Δ 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	4,448		4,448
Δ 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	13,282		13,282
Δ 81702155	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1	FOOT	4,077		4,077
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	732	732	
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	427	427	
Δ 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2	2	
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	6	6	
Δ 88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET	EACH	2	2	
Δ 88102830	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET	EACH	2	2	
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	724	724	
Δ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	6	6	
Z0004002	BOLLARDS	EACH	6	6	
Z0012450	CONCRETE STEPS	CU YD	18	18	
Z0012455	CONCRETE STEP REMOVAL	EACH	5	5	
Z0034100	MASONRY WALL CONSTRUCTION	SQ FT	440	440	
Δ Z0036200	PAINT CURB	FOOT	213	213	
LR430040	PAVING BRICK SIDEWALK	SQ YD	214	214	
Δ A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
X0322924	RETAINING WALL REMOVAL	SQ FT	103	103	
X0326864	BRICK SIDEWALK REMOVAL	SQ FT	259	259	
X0327018	DECORATIVE SIGN POST	EACH	16	16	
Δ X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	48		48
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	1,000	1,000	
Δ X0539800	TREE GRATES	EACH	6	6	
Δ X2200018	ORNAMENTAL FENCE	FOOT	150	150	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	10,041	10,041	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	3,162	3,162	
Δ X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1		1
Δ X8140105	HANDHOLE (SPECIAL)	EACH	2		2
# Z0076600	TRAINEES	Hour	1000	1000	
Δ X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	1	
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	1000	
Δ X8360210	LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	336.0		336.0

Δ SPECIALTY ITEMS
0042

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CAD Sheets\Phase 1\11-1010_GN and Schedules.dwg

LAST PLOTTED: 2/18/2019 10:33 AM OPERATOR: TJH

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



PROFESSIONAL REGISTRATIONS
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LICENSE NO.
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PREPARED BY:

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

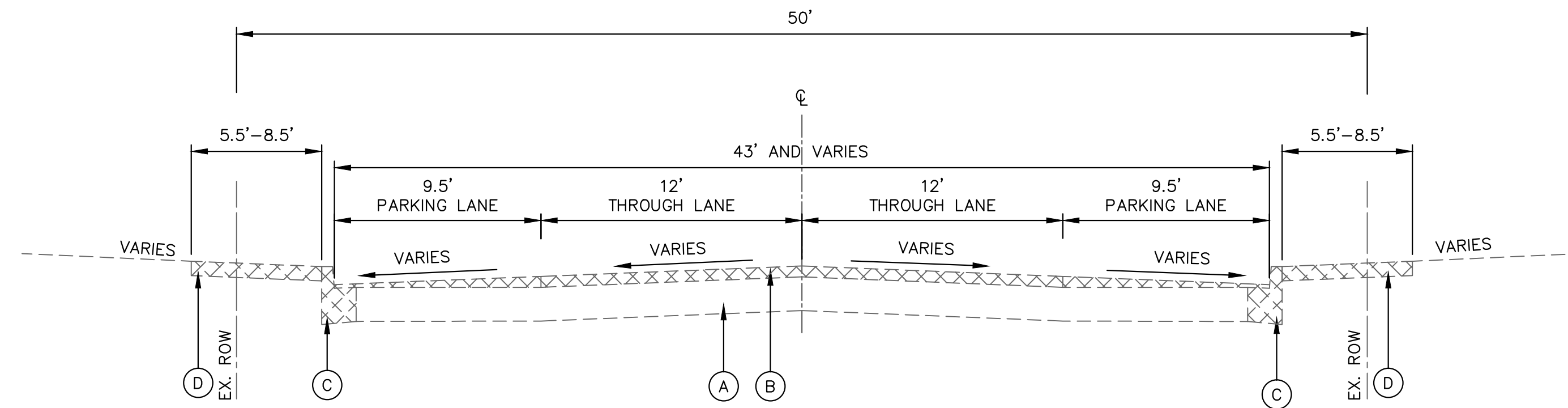
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SUMMARY OF QUANTITIES

PROJECT TITLE: WEST MAIN STREET STREETScape
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

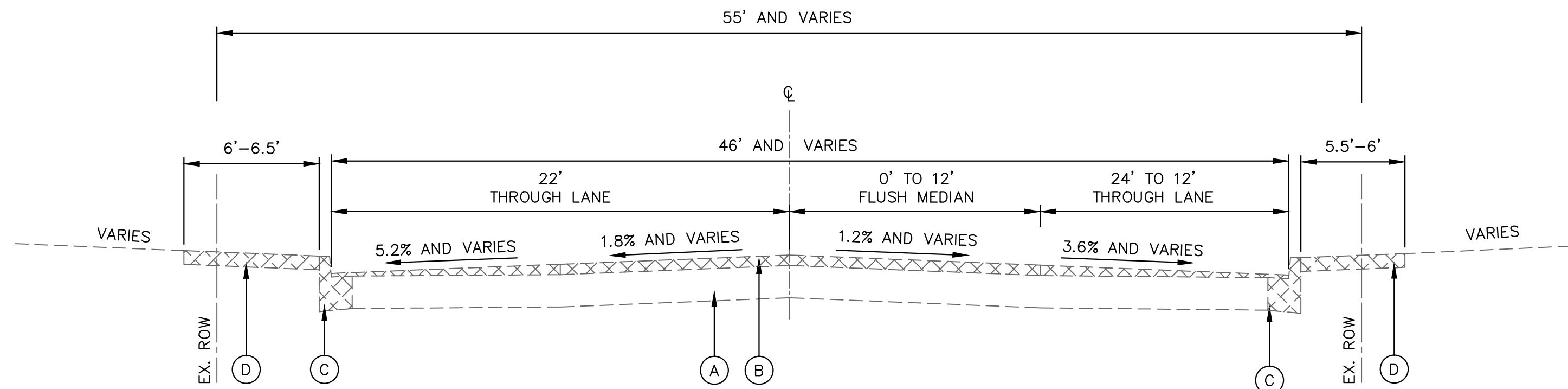
SHEET TITLE:

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	3
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 3 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



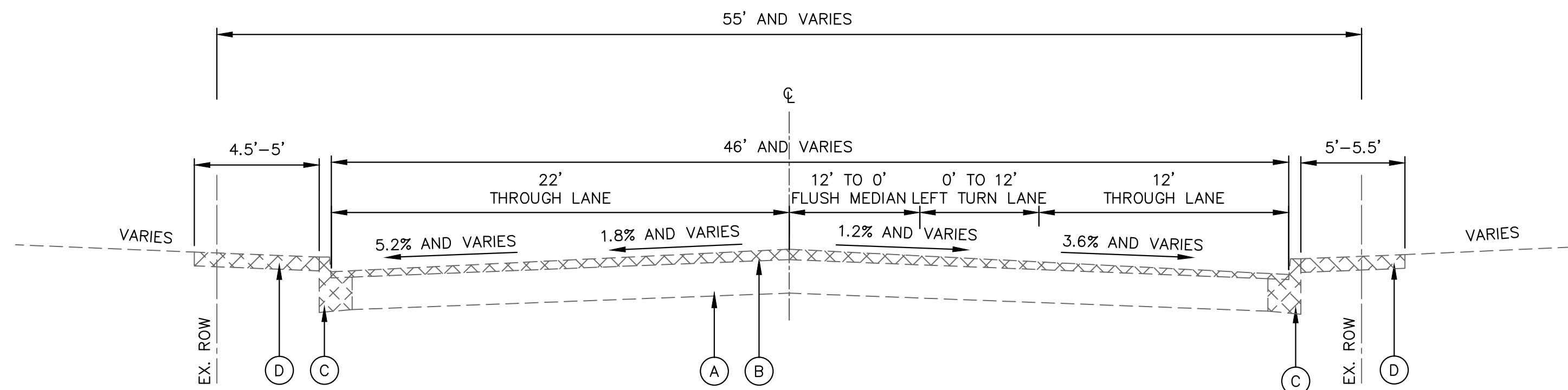
EXISTING TYPICAL SECTION - WEST MAIN STREET

STA. 24+80.20 TO STA. 36+83.44



EXISTING TYPICAL SECTION - WEST MAIN STREET

STA. 36+83.44 TO STA. 38+50.00



EXISTING TYPICAL SECTION - WEST MAIN STREET

STA. 38+50.00 TO STA. 40+74.48

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT
- (B) EXISTING ASPHALT PAVEMENT OVERLAY (3" AT THROUGH LANE, 3" TO 1" AT PARKING LANE)
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) EXISTING CONCRETE SIDEWALK

TO BE REMOVED

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

Kaskaskia
 Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
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LICENSE NO. 184.004773
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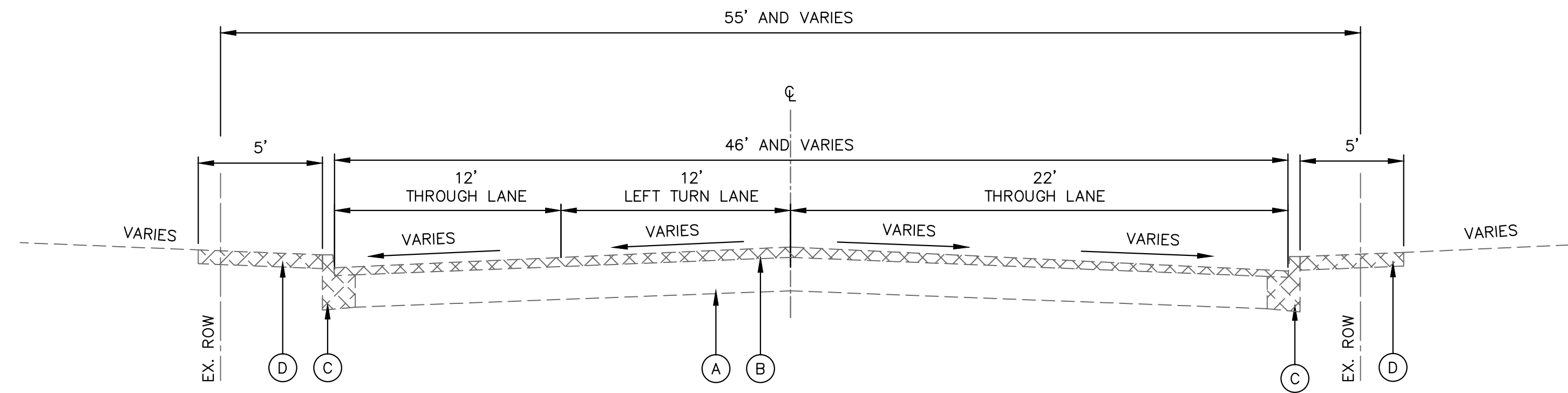
CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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SHEET TITLE: TYPICAL SECTIONS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

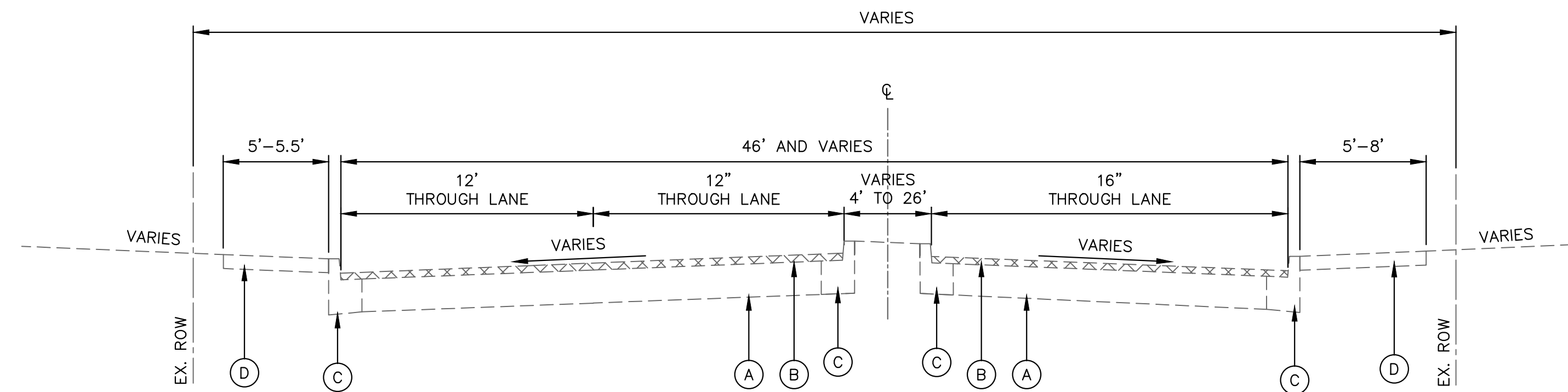
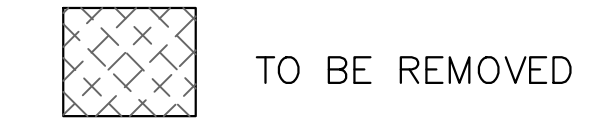
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	4
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 4 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



EXISTING TYPICAL SECTION - WEST MAIN STREET

STA. 40+74.48 TO STA. 41+91.96

- EXISTING LEGEND
- (A) EXISTING CONCRETE PAVEMENT
 - (B) EXISTING ASPHALT PAVEMENT OVERLAY (3" AT THROUGH LANE, 3" TO 1" AT PARKING LANE)
 - (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (D) EXISTING CONCRETE SIDEWALK



EXISTING TYPICAL SECTION - WEST MAIN STREET

STA. 41+91.96 TO STA. 47+29.48

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 Belleville, Illinois 62220
 618.233.5877 phone
 618.233.5977 fax
 www.kaskaskiaeng.com

Kaskaskia
 Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

LICENSE NO. 184-004773
 20-5080586

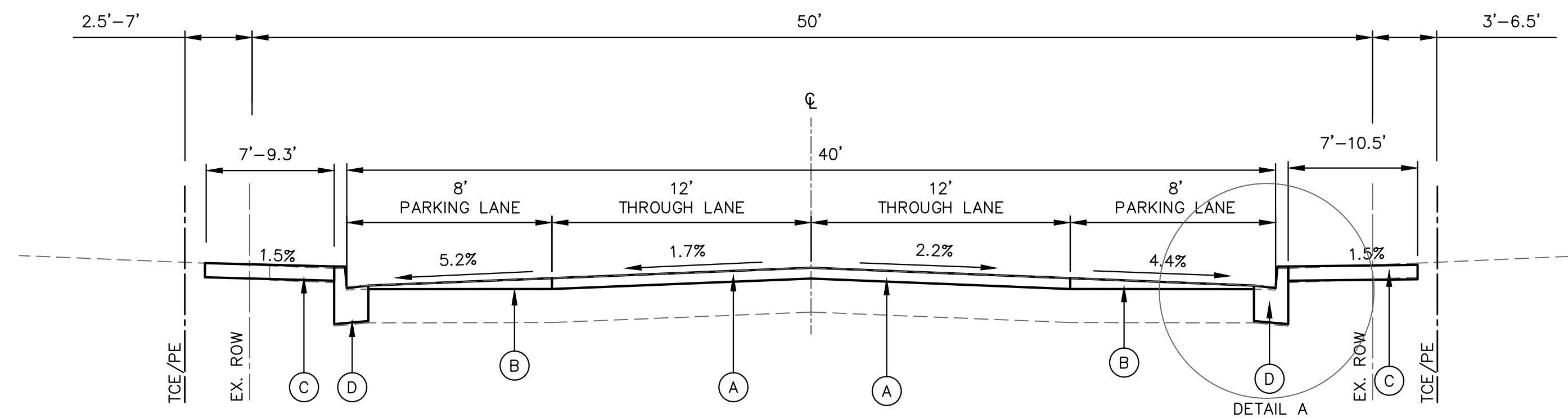
CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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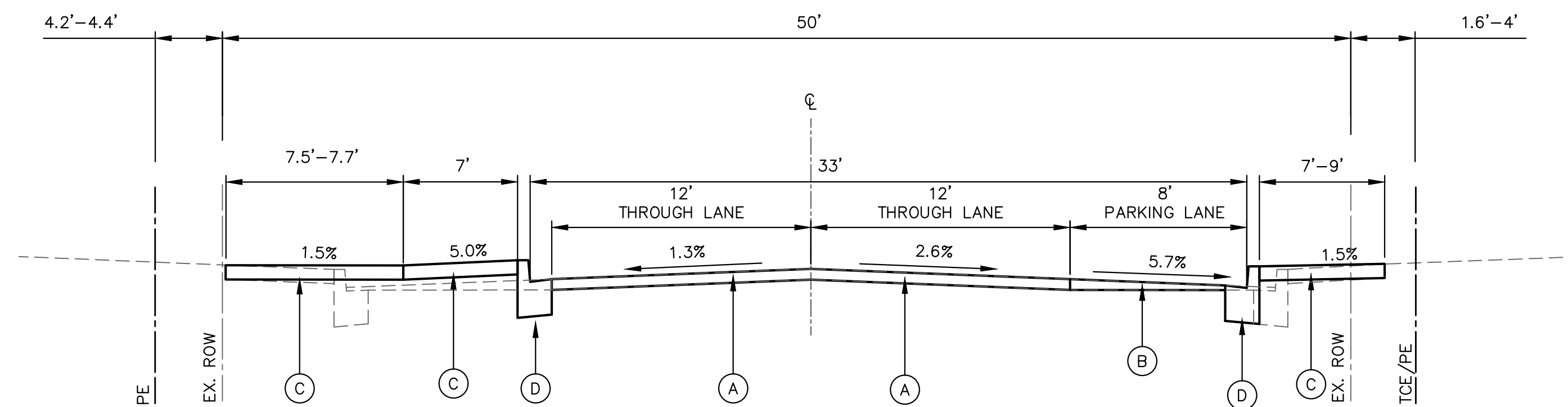
TYPICAL SECTIONS

SHEET TITLE:
 WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

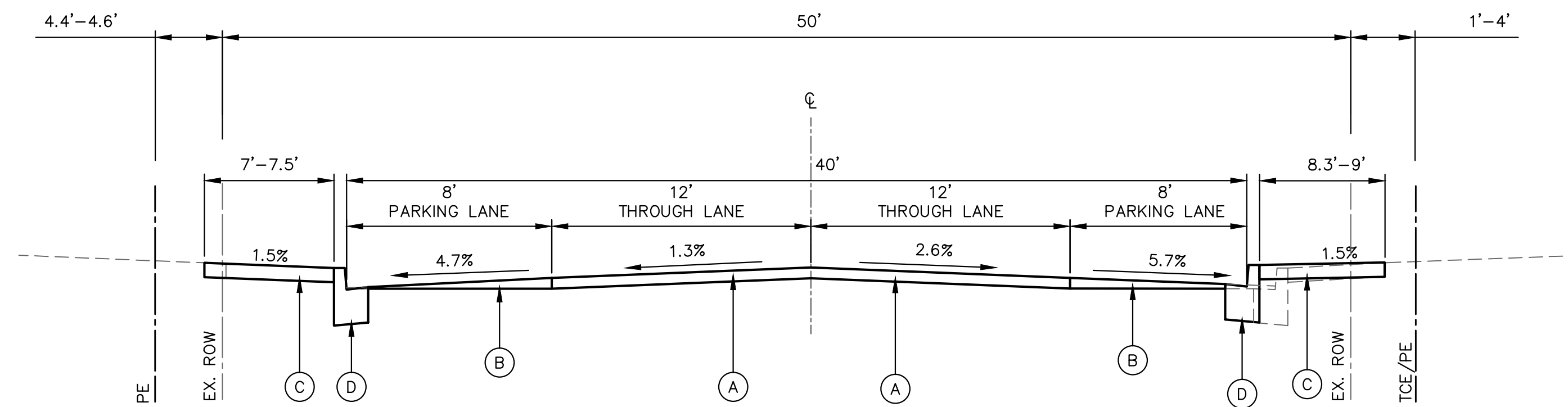
DESIGNED BY: RJO	SHEET 5
DRAWN BY: TJH	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 5 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 24+80.20 TO STA. 28+13.91



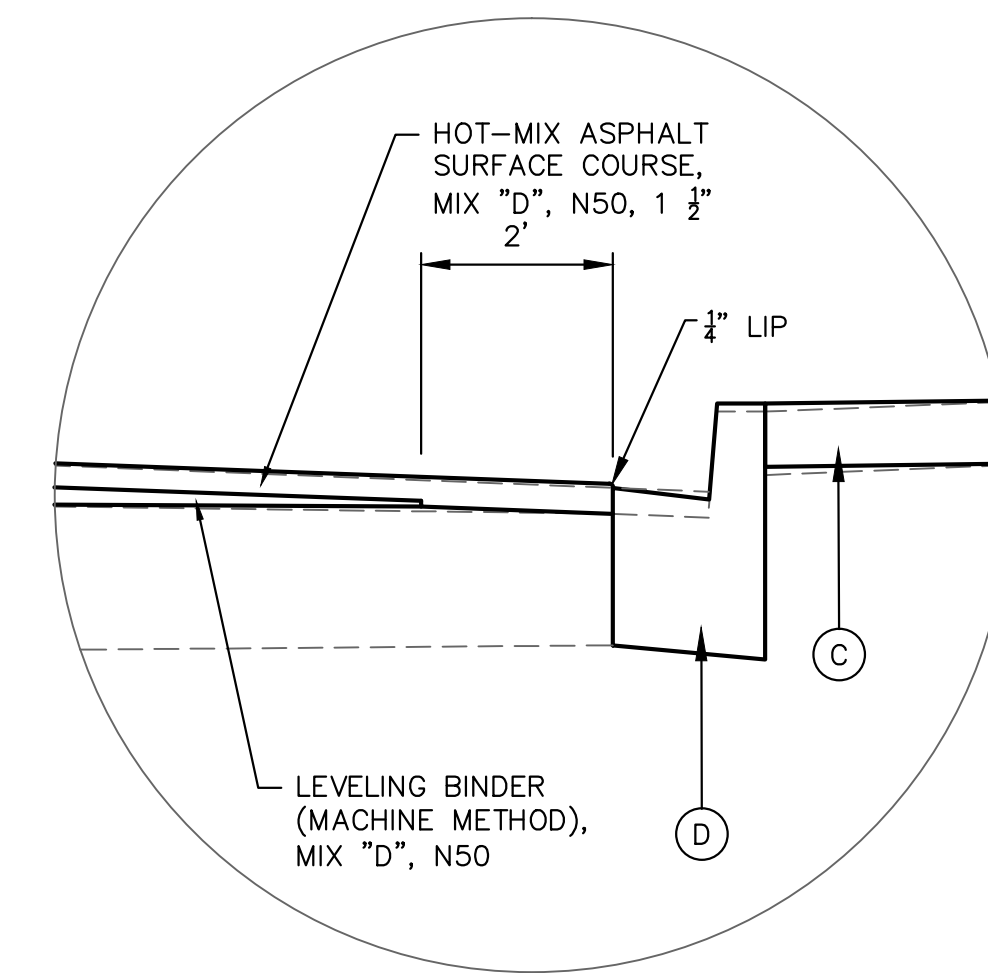
PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 28+13.91 TO STA. 29+60.00



PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 29+60.00 TO STA. 31+04.77

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND LEVELING BINDER (MACHINE METHOD), N50, 1 1/2" TO 3/8"
- (C) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



DETAIL A

STA. 24+89.58 TO STA. 36+83.44 – LEVELING BINDER DEPTH SHALL TAPER FROM 1 1/2" TO 3/8" AT A DISTANCE OF 2' FROM THE PROPOSED EDGE OF PAVEMENT.

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



PREPARED BY:

PROFESSIONAL REGISTRATIONS
ILLINOIS PROFESSIONAL DESIGN FIRM
PROFESSIONAL ENGINEERING GROUP

LICENSE NO. 184-004773
20-5080586

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

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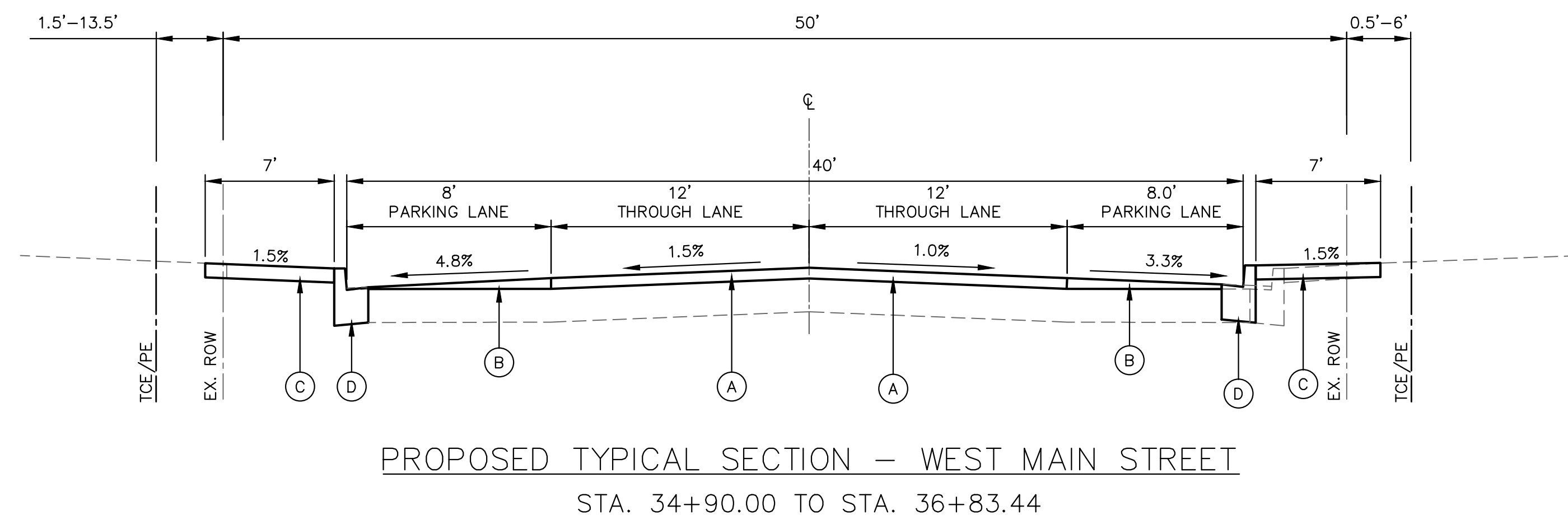
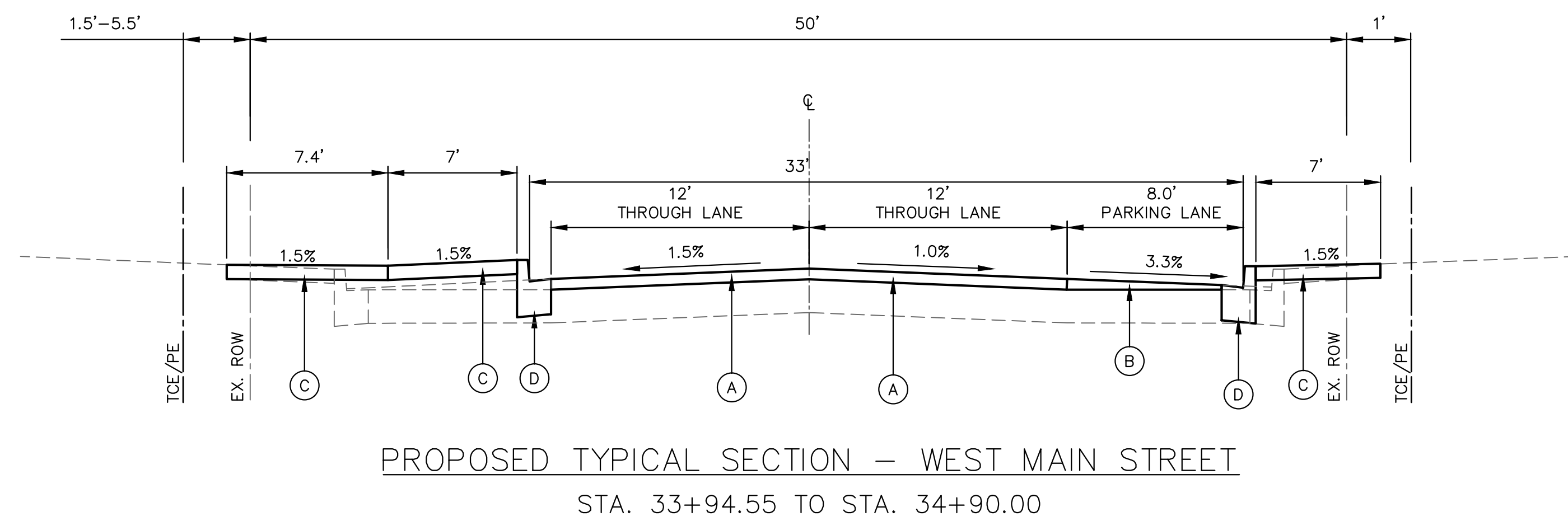
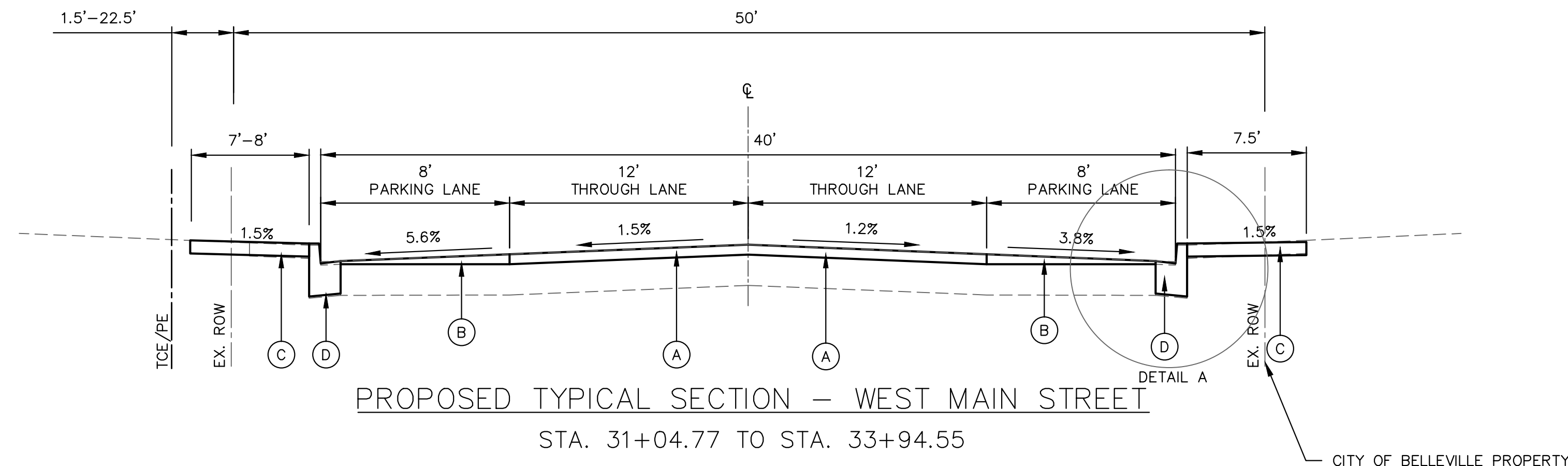
TYPICAL SECTIONS

WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

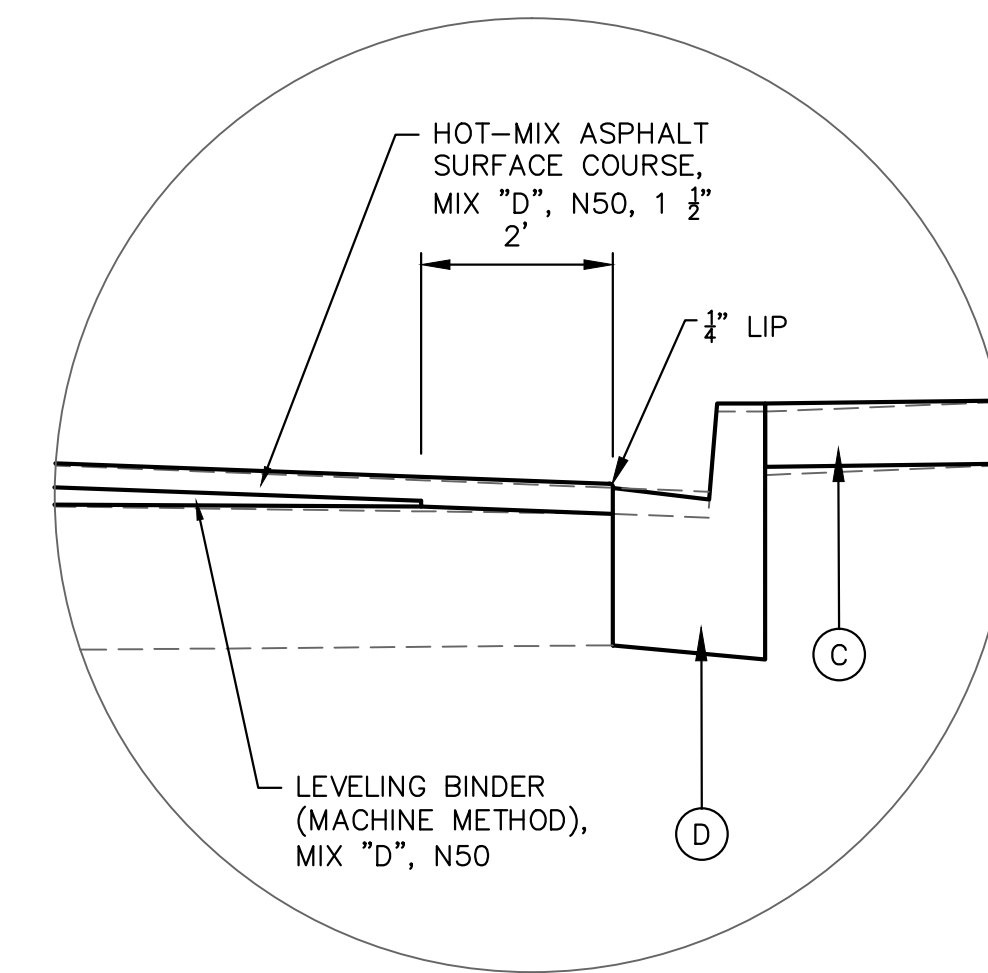
SHEET TITLE:

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	6
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 6 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

HMA MIXTURE DESIGN TABLE				
MIXTURE USE	SURFACE	BINDER	LEVELING BINDER	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 4.75	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"



- PROPOSED LEGEND
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
 - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND LEVELING BINDER (MACHINE METHOD), N50, 1 1/2" TO 3/8"
 - (C) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12



STA. 24+89.58 TO STA. 36+83.44 – LEVELING BINDER DEPTH SHALL TAPER FROM 1 1/2" TO 3/8" AT A DISTANCE OF 2' FROM THE PROPOSED EDGE OF PAVEMENT.

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LICENSE NO. 184-004773
Professional Engineering Firm

Kaskaskia
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PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

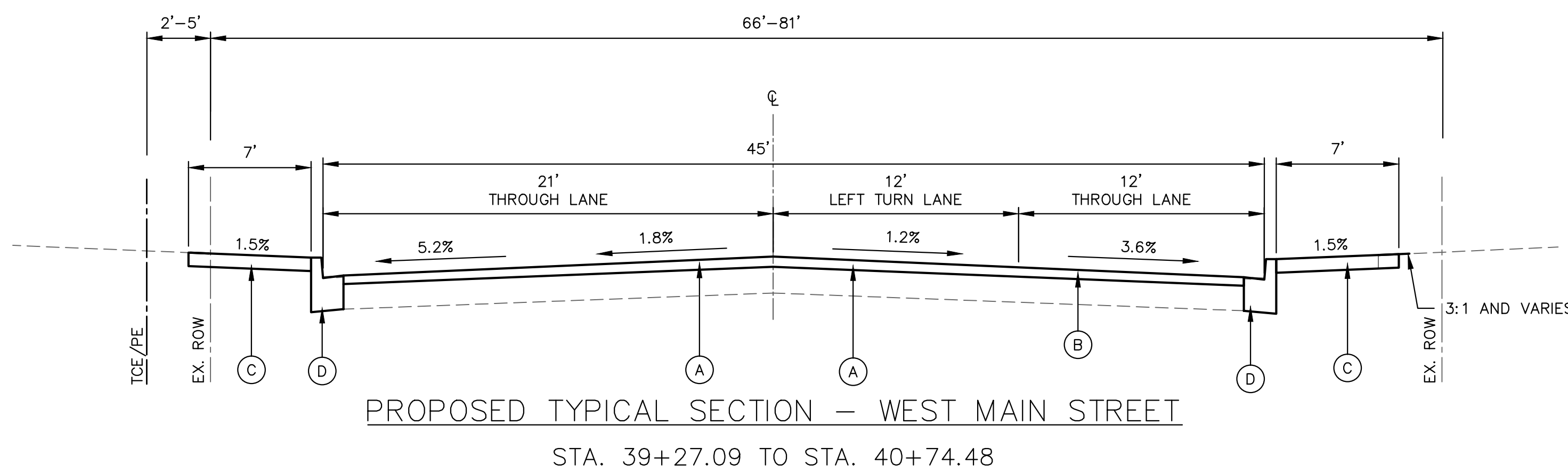
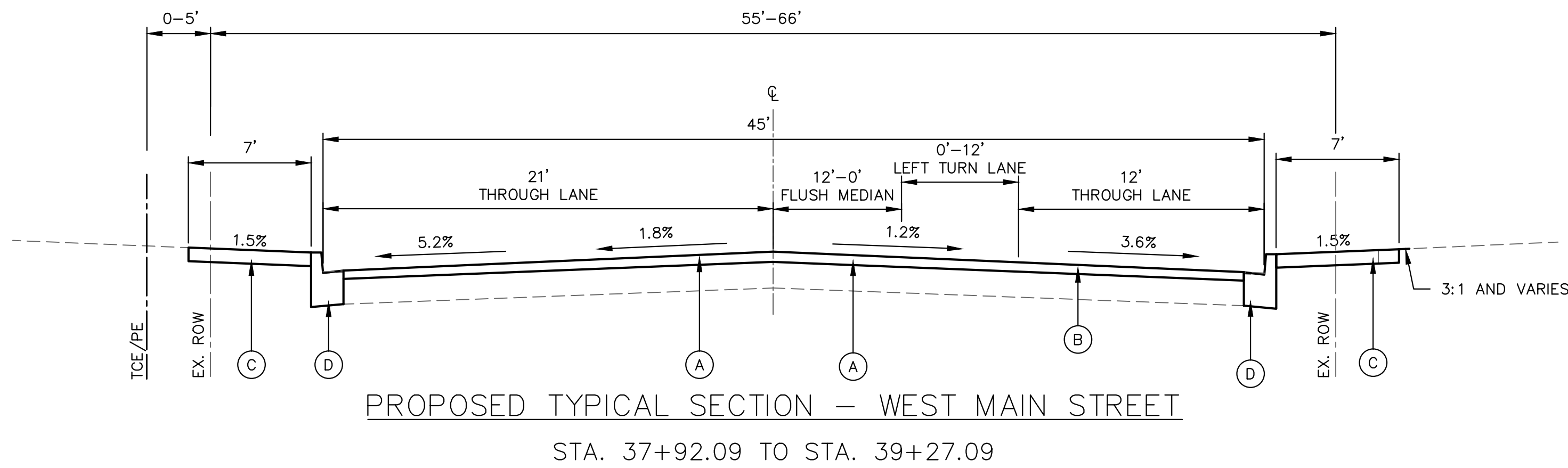
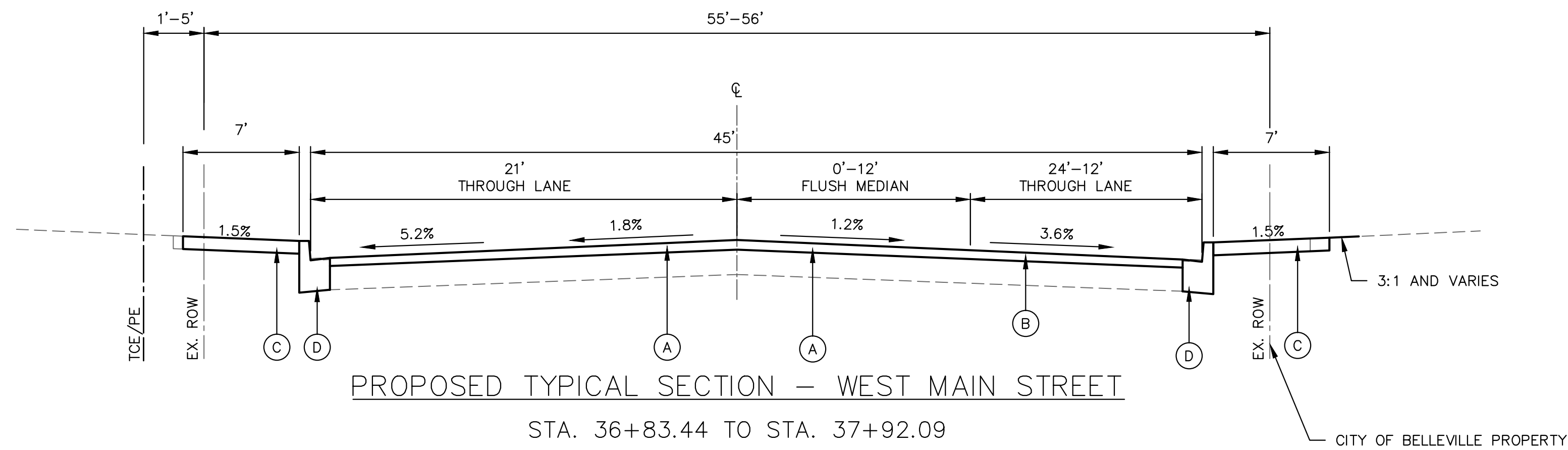
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TYPICAL SECTIONS

WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	7
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 7 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

HMA MIXTURE DESIGN TABLE				
MIXTURE USE	SURFACE	BINDER	LEVELING BINDER	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 4.75	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"



- PROPOSED LEGEND
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
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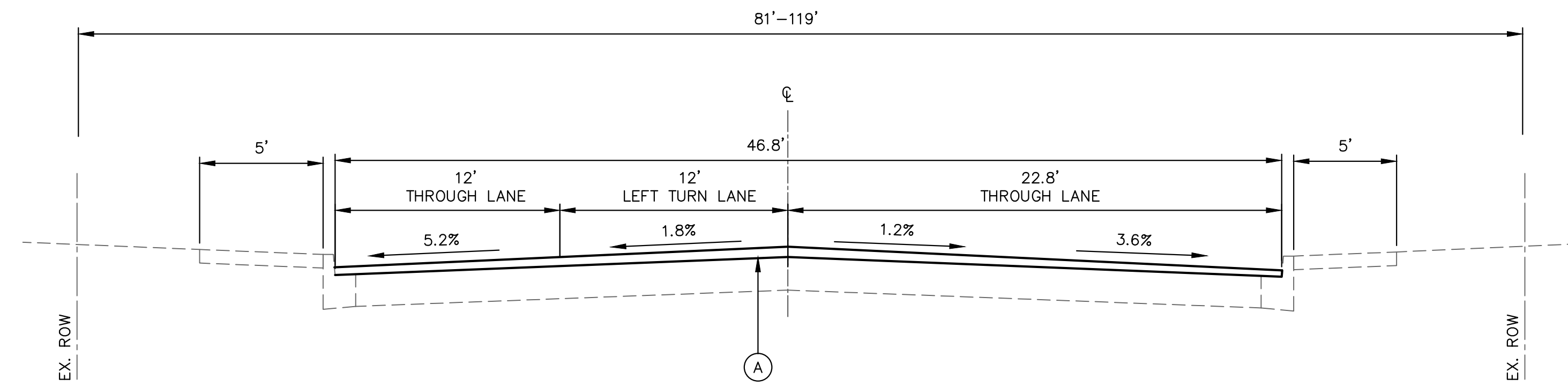
TYPICAL SECTIONS

WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

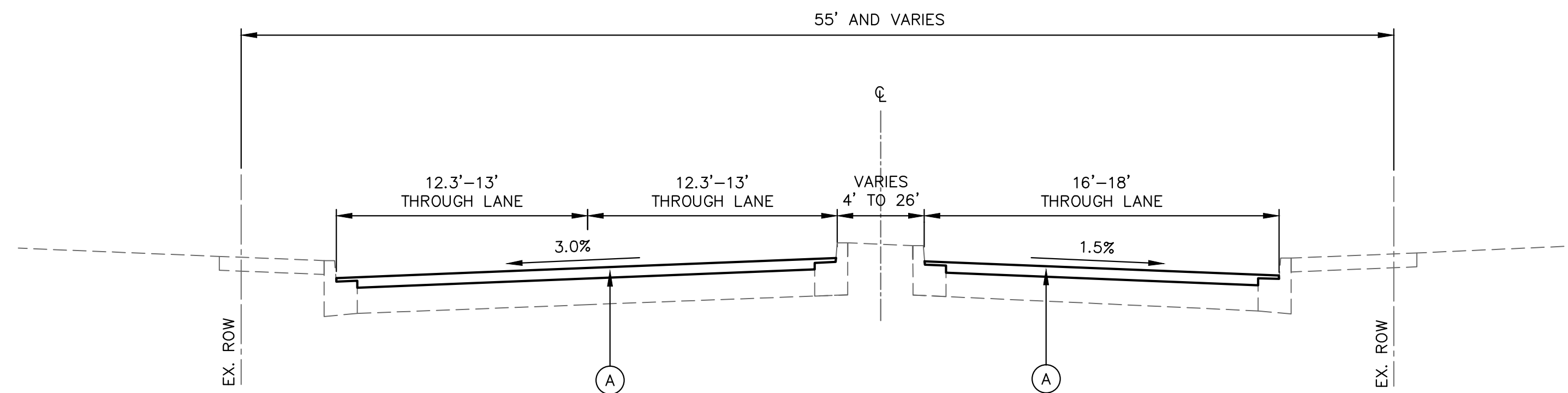
HMA MIXTURE DESIGN TABLE

MIXTURE USE	SURFACE	BINDER	LEVELING BINDER	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 4.75	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	8
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 8 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 40+74.48 TO STA. 41+91.96

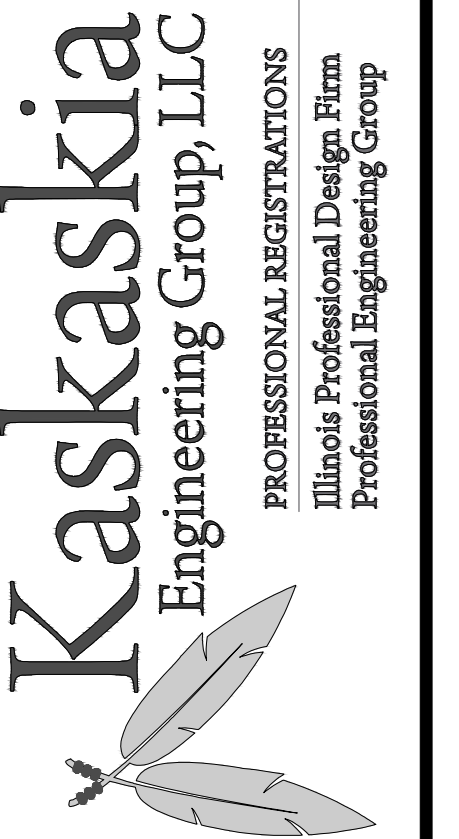


PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 41+91.96 TO STA. 47+29.48

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" AND HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
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PREPARED BY:

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

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TYPICAL SECTIONS

PROJECT TITLE:
WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	
CHECKED BY: LDC	9
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 9 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

HMA MIXTURE DESIGN TABLE				
MIXTURE USE	SURFACE	BINDER	LEVELING BINDER	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50	4.0% NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 4.75	IL 9.5
FRICITION AGG	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"	MIXTURE "D"

SIDEWALK & RETAINING WALL SCHEDULE

LOCATION	OFFSET	SIDEWALK REMOVAL (SQ FT)	PAVING BRICK SIDEWALK (SQ YD)	BRICK SIDEWALK REM (SQ FT)	PC CONC SIDEWALK 4 (SQ FT)	PC CONC SIDEWALK 6 (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SEG CONC BLOCK WALL (SQ FT)	RETAINING WALL REMOVAL (SQ FT)	CONCRETE STEPS (CU YD)	CONCRETE STEP REMOVAL (EACH)
WEST MAIN STREET											
13TH ST TO 12TH ST	LT	282			327	145	13			1	
13TH ST TO 12TH ST	RT			242	138	138	14				
12TH ST TO 11TH ST	LT	2,025	110		748	415	30			3	1
12TH ST TO 11TH ST	RT	1,614	104	17	494	418	21				
11TH ST TO 10TH ST	LT	1,966			2,711	416	53		61	12	
11TH ST TO 10TH ST	RT	1,401			978	368	38				
10TH ST TO 9TH ST	LT	1,261			764	416	48	103.0		1	
10TH ST TO 9TH ST	RT	1,963			1,690	671	53				
9TH ST TO 8TH ST	LT	1,472			1,674	339	26			1	
9TH ST TO 8TH ST	RT	1,335			1,671	417	26		30		4
8TH ST TO S 6TH ST	LT	1,888			1,346	612	75		171		
8TH ST TO S 6TH ST	RT	2,065			2,520	357	40				
TOTAL		17,272	214	259	15,061	4,712	437	103	262	18	5

PAVEMENT SCHEDULE

STATION	AGG BASE CSE A 12 (SQ YD)	BIT MATLS PR CT (POUND)	LEV BIND MM N50 (TON)	HMA BC IL-9.5 N50 (TON)	HMA SC "D" N50 (TON)	PCC PVT 6 (SQ YD)	PAVEMENT REM (SQ YD)	HMA SURF REM VAR DP (SQ YD)
WEST MAIN STREET								
12TH ST TO 11TH ST		616	27	74	115		81	1,369
11TH ST TO 10TH ST		509	19	66	95		173	1,130
10TH ST TO 9TH ST		552	24	65	103		75	1,225
9TH ST TO 8TH ST		524	21	65	98		144	1,165
8TH ST TO N 6TH ST		843		158	158		59	1,872
N 6TH ST TO END		1,476		276	276			3,280
12TH STREET	151	73		14	14	162	188	
11TH STREET	308	119		23	23	264	264	
10TH STREET	170	65		12	12	135	142	
9TH STREET	181	72		14	14	159	157	
8TH STREET	181	68		13	13	151	154	
TOTAL	991	4,917	91	780	921	871	1,437	10,041

CURB & GUTTER SCHEDULE

LOCATION	OFFSET	CONC CURB TB (FOOT)	COMB CC&G REMOVAL (FOOT)	COMB CC&G TB6.12 (FOOT)	PROTECTIVE COAT (SQ YD)
WEST MAIN STREET					
13TH ST TO 12TH ST	LT		52	54.0	12
13TH ST TO 12TH ST	RT		48	43.0	10
12TH ST TO 11TH ST	LT		312	311.0	70
12TH ST TO 11TH ST	RT		333	332.0	74
11TH ST TO 10TH ST	LT		309	318.0	71
11TH ST TO 10TH ST	RT		334	336.0	75
10TH ST TO 9TH ST	LT	14	291	298.5	67
10TH ST TO 9TH ST	RT		317	316.5	71
9TH ST TO 8TH ST	LT	10	298	306.0	68
9TH ST TO 8TH ST	RT		301	302.0	68
8TH ST TO N 6TH ST	LT	25	441	442.5	99
8TH ST TO N 6TH ST	RT		372	371.0	83
N 6TH ST TO S 6TH ST	LT		23	22.0	5
N 6TH ST TO S 6TH ST	RT		52	51.0	12
TOTAL		49	3483	3,503.5	785

TEMPORARY PAVEMENT MARKING SCHEDULE

STATION	SHORT TERM PAVT MKING (FOOT)	SHRT TRM PAVT MK REM (SQ FT)	TEMP PVT LTR & SYM (SQ FT)	TEMP PVT MK LINE 4 (FOOT)	TEMP PVT MK LINE 6 (FOOT)	TEMP PVT MK LINE 12 (FOOT)	TEMP PVT MRKG REM (SQ FT)
WEST MAIN STREET							
12TH ST TO 11TH ST	438	145	7	786	119	24	353
11TH ST TO 10TH ST	250	82	7	606	189	26	330
10TH ST TO 9TH ST	253	83	4	537	198	23	305
9TH ST TO 8TH ST	272	90	7	718	214	27	380
8TH ST TO N 6TH ST	446	147	18	1,211	100	139	611
N 6TH ST TO S 6TH ST	281	93	18	1,795	413	94	917
S 6TH ST TO END	101	33	30	623		29	267
TOTAL	2,041	674	91	6,276	1,233	362	3,162

PAVEMENT MARKING SCHEDULE

STATION	THPL PVT MK LTR & SYM (SQ FT)	THPL PVT MK LINE 4 (FOOT)	THPL PVT MK LINE 6 (FOOT)	THPL PVT MK LINE 12 (FOOT)	PAINT PVT MK LINE 6 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PAINT CURB (FOOT)
WEST MAIN STREET							
12TH ST TO 11TH ST	7	786	119	24			
11TH ST TO 10TH ST	7	606	189	26			126
10TH ST TO 9TH ST	4	537	198	23			
9TH ST TO 8TH ST	7	718	214	27			87
8TH ST TO N 6TH ST	18	1,211	100	139			
N 6TH ST TO S 6TH ST	18	1,795	194	59	219	35	
S 6TH ST TO END	30	623		29			
TOTAL	91	6,276	1,014	327	219	35	213

INLET & MANHOLE ADJUSTMENT SCHEDULE

STATION	OFFSET	MAN ADJ NEW T1F CL (EACH)	INLETS ADJUST (EACH)	INLET ADJ NEW T3F&G (EACH)	INLETS ADJ NEW T23F&G (EACH)
WEST MAIN STREET					
24+91.00	13.27' LT			1	
24+91.00	17.73' RT			1	
25+11.55	32.70' LT		1		
25+11.36	7.14' RT	1			1
25+23.33	17.61' RT	1			
25+34.10	33.03' LT		1		
25+43.57	21.47' LT		1		
25+61.00	17.62' RT			1	
26+53.00	20.43' LT			1	
27+73.00	17.51' RT			1	
27+73.00	20.49' LT			1	
28+00.71	7.38' RT	1			
28+01.75	36.63' LT		1		
28+26.92	42.21' LT		1		
28+56.00	12.97' LT			1	
28+56.00	18.03' RT			1	
29+64.00	20.24' LT			1	
30+85.14	22.77' LT		1		
30+93.88	34.43' LT		1		
31+04.26	6.72' RT	1			
31+15.67	47.0' LT		1		
31+55.00	20.48' LT			1	
32+67.01	20.98' LT			1	
33+53.99	16.64' RT			1	
33+54.01	21.36' LT			1	
33+80.93	34.33' LT		1		
33+83.04	34.04' RT		1		
33+96.44	6.74' RT	1			
34+07.57	29.15' LT		1		
34+07.76	26.77' RT		1		
34+14.00	17.15' LT			1	
34+26.74	16.47' RT			1	
35+37.00	16.32' RT			1	
36+45.00	16.46' RT			1	
36+55.12	21.52' LT			1	
36+71.66	43.68' LT		1		
36+73.32	39.24' RT		1		
36+80.54	6.98' RT	1			
36+94.33	47.00' LT		1		
36+95.90	39.30' RT		1		
37+25.10	23.48' LT			1	
38+93.05	24.68' LT				1
39+57.58	23.75' LT			1	
39+64.51	23.61' LT			1	
40+06.03	22.53' LT			1	
40+35.80	21.44' LT			1	
40+67.49	39.33' LT				1
TOTAL		6	16	23	3

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10-GAD\Sheets\Phase 1\11-1010-GN and Schedules.dwg

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



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PREPARED BY:

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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SCHEDULES

SHEET TITLE:

WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

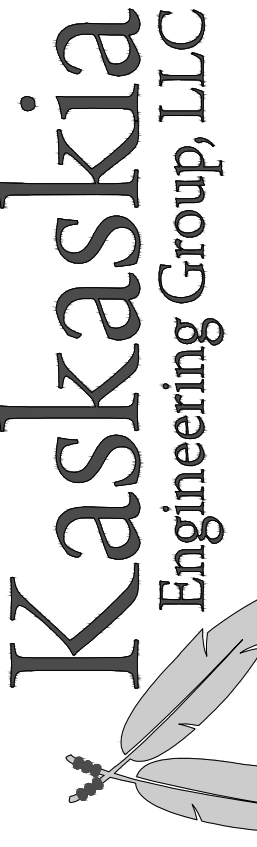
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	10
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 10 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	DESCRIPTION	DIMENSIONS		SIGN PANEL T1 (SQ FT)	DECORATIVE SIGN POST (EACH)	COMMENT
				W (INCH)	H (INCH)			
WEST MAIN STREET								
25+07	LT	R1-1	STOP SIGN	30	30	6.3	1	
	LT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	LT	D3-1	STREET NAME (N 12th St)	36	8	2.0		MOUNTED WITH STOP SIGN
25+40	RT	R1-1	STOP SIGN	30	30	6.3	1	
	RT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	RT	D3-1	STREET NAME (S 12th St)	36	8	2.0		MOUNTED WITH STOP SIGN
25+97	LT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
26+56	RT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
26+86	LT	R7-5	PARKING RESTRICTIONS	12	18	1.5		
27+27	RT	R2-1	SPEED LIMIT (25)	24	30	5.0		
27+48	LT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
27+69	RT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
27+77	RT	W11-2	PEDESTRIAN	30	30	6.3		
27+77	RT	W16-9P	AHEAD	24	12	2.0		
27+97	LT	R1-1	STOP SIGN	30	30	6.3	1	
	LT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	LT	D3-1	STREET NAME (N 11TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
28+30	RT	R1-1	STOP SIGN	30	30	6.3	1	
	RT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	RT	D3-1	STREET NAME (S 11TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
28+39	RT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
28+44	LT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
28+91	RT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
29+02	RT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
29+17	LT	W11-2	PEDESTRIAN	30	30	6.3		
29+17	LT	W16-9P	AHEAD	24	12	2.0		
29+86	LT	R7-5	PARKING RESTRICTIONS	12	18	1.5		
30+39	LT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
30+44	LT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
30+76	RT	W11-2	PEDESTRIAN	30	30	6.3		
30+76	RT	W16-9P	AHEAD	24	12	2.0		
30+89	LT	R1-1	STOP SIGN	30	30	6.3	1	
	LT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	LT	D3-1	STREET NAME (N 10TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
31+22	RT	R1-1	STOP SIGN	30	30	6.3	1	
	RT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	RT	D3-1	STREET NAME (S 10TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
31+36	RT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
31+38	LT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
31+79	LT		CITY OF BELLEVILLE NO PARKING	18	24	3.0		
32+28	RT	R7-5	PARKING RESTRICTIONS	12	18	1.5		
32+28	RT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
32+66	LT	W11-2	PEDESTRIAN	30	30	6.3		
32+66	LT	W16-9P	AHEAD	24	12	2.0		
33+05	RT	W11-2	PEDESTRIAN	30	30	6.3		
33+05	RT	W16-9P	AHEAD	24	12	2.0		
33+50	RT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
33+54	LT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
33+68	RT	R1-6A	IN STREET PED CROSSING	12	36	3.0		
33+75	LT	R1-1	STOP SIGN	30	30	6.3	1	
	LT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	LT	D3-1	STREET NAME (N 9TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
34+12	RT	R1-1	STOP SIGN	30	30	6.3	1	
	RT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	RT	D3-1	STREET NAME (S 9TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
34+24	LT	W11-2	PEDESTRIAN	30	30	6.3		
34+24	LT	W16-9P	AHEAD	24	12	2.0		
34+62	RT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5	1	
34+77	RT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
34+93	LT	R7-8	HANDICAP ACCESSIBLE PARKING	12	18	1.5		
35+19	LT	R7-5	PARKING RESTRICTIONS	12	18	1.5		
35+59	RT	R2-1	SPEED LIMIT (25)	24	30	5.0		
35+59	RT		SPEED RADAR CONTROLLED	18	24	3.0		
35+90	LT	R7-203	EMERGENCY SNOW ROUTE	12	18	1.5		
36+47	LT		BELLEVILLE SENIOR CITIZENS CENTER	12	24	2.0		
36+47	LT	M6-1	RIGHT TURN ARROW	6	12	0.5		
36+47	LT		TOWN OF BELLEVILLE HISTORIC DISTRICT	18	24	3.0		
36+54	RT		BELLEVILLE SENIOR CITIZENS CENTER	12	24	2.0		
36+54	RT	M6-1	LEFT TURN ARROW	6	12	0.5		
36+67	LT	R1-1	STOP SIGN	30	30	6.3	1	
	LT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	LT	D3-1	STREET NAME (N 8TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
37+01	RT	R1-1	STOP SIGN	30	30	6.3	1	
	RT	D3-1	STREET NAME (W MAIN St)	36	8	2.0		MOUNTED WITH STOP SIGN
	RT	D3-1	STREET NAME (S 8TH ST)	36	8	2.0		MOUNTED WITH STOP SIGN
37+13	LT	R2-1	SPEED LIMIT (25)	24	30	5.0		
38+23	RT	R8-3A	PARKING RESTRICTIONS	24	24	4.0		
TOTAL						230	16	

- NOTES:
- ALL STATIONS ARE APPROXIMATE. SIGNS SHALL BE ERECTED ACCORDING TO HIGHWAY STANDARD 720006.
 - THE WORK OF REMOVING, CLEANING, AND REINSTALLING EXISTING STREET SIGNS ON NEW TELESOPING STEEL SIGN SUPPORTS WITH NEW OR EXISTING MOUNTING HARDWARE AND DISPOSING OF EXISTING POSTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TELESOPING STEEL SIGN SUPPORT.
 - SIGN POSTS TO BE CORED INTO PCC SIDEWALK.

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

PREPARED BY:

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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△		
△		
△		

SCHEDULES

WEST MAIN STREET STREETScape
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY:	RJO	SHEET
DRAWN BY:	TJH	
CHECKED BY:	LDC	11
DATE OF PRELIMINARY:	3/15/2018	
DATE OF FINAL:	1/30/2019	
SHEET NO. 11 OF 59 SHEETS		
PROJECT NUMBER	11-1010	

LUMINAIRE SCHEDULE				
STATION (TO CENTER OF STRUCT.)	OFFSET	LIGHT POLE FDN 24D SP (FOOT)	ORNAMENTAL LT UNIT COMPLETE (EACH)	HANDHOLE SP(EACH)
25+54	23.8' LT	7	1	
25+98	23.8' LT	7	1	
26+86	23.9' LT	7	1	
27+83	23.9' LT	7	1	
28+45	21.3' LT	7	1	
29+18	23.5' LT	7	1	
29+87	23.8' LT	7	1	
30+44	24.0' LT	7	1	
30+72	24.1' LT	7	1	
31+39	23.8' LT	7	1	
31+79	24.0' LT	7	1	
32+67	24.4' LT	7	1	
33+54	24.1' LT	7	1	
34+25	17.9' LT	7	1	
35+19	25.1' LT	7	1	
35+90	25.1' LT	7	1	
36+45	25.0' LT	7	1	
37+13	26.7' LT	7	1	
37+90	27.9' LT	7	1	
38+64	28.3' LT	7	1	
39+25	27.7' LT	7	1	
39+78	26.7' LT	7	1	
40+40	24.7' LT	7	1	
40+65	43.5' LT	7	1	
41+44	27.9' LT	7	1	
25+63	21.0' RT	7	1	
26+55	21.0' RT	7	1	
27+27	21.0' RT	7	1	
27+76	21.0' RT	7	1	
28+39	21.5' RT	7	1	
28+91	21.4' RT	7	1	
29+73	21.1' RT	7	1	
30+75	20.7' RT	7	1	
31+36	21.0' RT	7	1	
32+27	20.6' RT	7	1	
33+5	20.3' RT	7	1	
33+68	20.0' RT	7	1	
34+33	19.9' RT	7	1	
34+77	19.8' RT	7	1	
35+59	19.7' RT	7	1	
36+50	19.9' RT	7	1	
37+12	23.1' RT	7	1	
37+51	22.5' RT	7	1	
38+23	21.6' RT	7	1	
38+99	21.8' RT	7	1	
39+62	22.8' RT	7	1	
40+32	24.9' RT	7	1	
40+94	37.2' RT	7	1	
25+48	24.9' LT			1
25+60	21.4' RT			1
TOTALS		336	48	2

SUMMARY OF RACEWAY AND COND.									
LOCATION		CONDUCTORS (FT)						CONDUIT (FT)	
FROM	TO	#1	#2	#4	#6	#8	#10	1.5"	2"
25+54	25+98						275	49	
23.8' LT	23.8' LT								
25+98	26+37						270	48	
23.8' LT	34.2' LT								
25+98	26+86						500	94	
23.8' LT	23.9' LT								
26+86	27+83						540	102	
23.9' LT	23.9' LT								
27+83	28+45						222	68	
23.9' LT	21.3 LT								
28+45	26+37			1140				222	
21.3 LT	34.2' LT								
28+45	29+18			252		168	168	78	
21.3 LT	23.5' LT								
29+18	29+87			243		162	162	75	
23.5' LT	23.8' LT								
29+87	30+44			207		138	138	63	
23.8' LT	24.0' LT								
30+44	30+72			117		78	78	33	
24.0' LT	24.1' LT								
30+72	31+39			234			156	72	
24.1' LT	23.8' LT								
31+39	31+79				156		104	46	
23.8' LT	24.0' LT								
31+79	32+67				297		198	93	
24.0' LT	24.4' LT								
32+67	33+54				297		198	93	
24.4' LT	24.1' LT								
33+54	34+25							76	
24.1' LT	17.9' LT								
34+25	26+37		2424		3232			802	
17.9' LT	34.2' LT								
34+25	35+19		318		424			100	
17.9' LT	25.1' LT								
35+19	35+90		246		328			76	
25.1' LT	25.1' LT								
35+90	36+45		198		264			60	
25.1' LT	25.0' LT								
36+45	37+13		240		160		74		
25.0' LT	26.7' LT								
37+13	37+90		264		176		82		
26.7' LT	27.9' LT								
37+90	38+64		252			168	78		
27.9' LT	28.3' LT								
38+64	39+25		213			142	65		
28.3' LT	27.7' LT								
39+25	39+78					189	57		
27.7' LT	26.7' LT								
39+78	26+37	4077						1353	
26.7' LT	34.2' LT								
39+78	40+40				216	144	66		
26.7' LT	24.7' LT								
40+40	40+65				126	84	36		
24.7' LT	43.5 LT								
40+65	41+44				270	180	84		
43.5 LT	27.9' LT								
25+63	26+55						515	97	
21.0' RT	21.0' RT								
26+55	26+37						385	77	
21.0' RT	34.2' LT								
26+55	27+27						415	77	
21.0' RT	21.0' RT								
27+27	27+76						305	55	
21.0' RT	21.0' RT								
27+76	28+39						222	68	
21.0' RT	21.5' RT								
28+39	26+37			783	522		255		
21.5' RT	34.2' LT								
28+39	28+91			189		126	126	57	
21.5' RT	21.4' RT								
28+91	29+73			279		186	186	87	
21.4' RT	21.1' RT								
29+73	30+75			342		228	228	108	
21.1' RT	20.7' RT								
30+75	31+36			216			144	66	
20.7' RT	21.0' RT								

SUMMARY OF RACEWAY AND COND.									
LOCATION		CONDUCTORS (FT)						CONDUIT (FT)	
FROM	TO	#1	#2	#4	#6	#8	#10	1.5"	2"
31+36	32+27				309		206	97	
21.0' RT	20.6' RT								
32+27	33+5				267		178	83	
20.6' RT	20.3' RT								
33+5	33+68				222		148	68	
20.3' RT	20.0' RT								
33+68	34+33							71	
20.0' RT	19.9 RT								
34+33	26+37								
19.9 RT	34.2' LT	2565		1710				849	
34+33	34+77				165	110		49	
19.9 RT	19.8' RT								
34+77	35+59				282	188		88	
19.8' RT	19.7' RT								
35+59	36+50					515		97	
19.7' RT	19.9' RT								
36+50	37+12					219		68	
19.9' RT	23.1' RT								
37+12	26+37		5655						1128
23.1' RT	34.2' LT								
37+12	37+51		150	100		100			44
23.1' RT	22.5' RT								
37+51	38+23		252	168		168			78
22.5' RT	21.6' RT								
38+23	38+99		267	178		178			83
21.6' RT	21.8' RT								
38+99	39+62		228			152			70
21.8' RT	22.8' RT								
39+62	40+32				246	164		76	
22.8' RT	24.9' RT								
40+32	40+94				249	166		77	
24.9' RT	37.2' RT								
25+48	26+37								372
24.9' LT	34.2' LT								
25+60	26+37								560
21.4' RT	34.2' LT								
25+48	STUB & CAP								68
24.9' LT									
25+60	STUB & CAP								116
21.4' RT									
TOTALS		4077	13282	4448	9918	3953	6067	4324	4910

ELECTRICAL SERVICE SCHEDULE		
STATION (TO CENTER OF STRUCT.)	OFFSET	ELECT SERV INSTALL SP (EACH)
26+37	34.2' LT	1
TOTALS		1

PREPARED BY:

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 Belleville, Illinois 62220
 618.233.5877 phone
 618.233.5977 fax
 www.kaskaskiaeng.com



PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

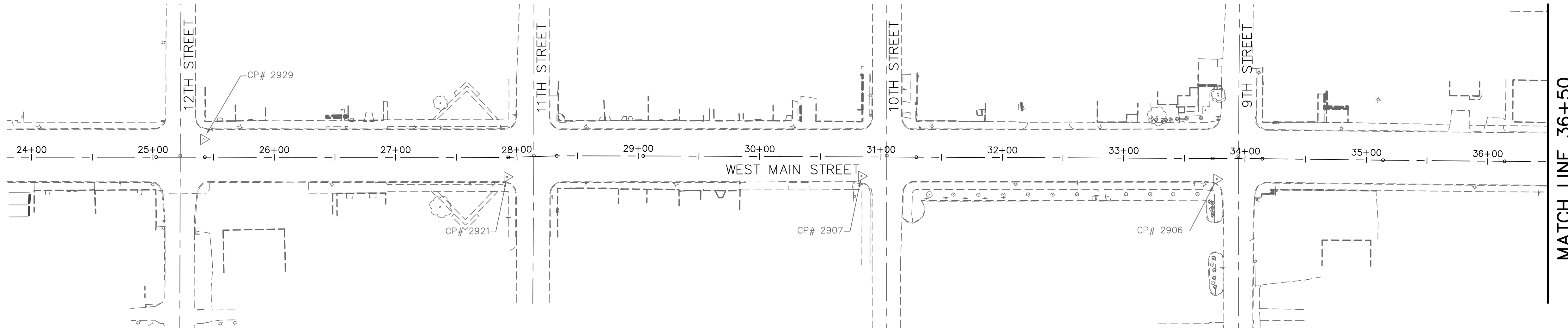
LICENSE NO. 184-004773
 20-5080586

SCHEDULES

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY: JEN	SHEET
DRAWN BY: JEN	
CHECKED BY: MDM	
DATE OF PRELIMINARY: 03/14/2018	12
DATE OF FINAL: 01/30/2019	
SHEET NO. 12 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



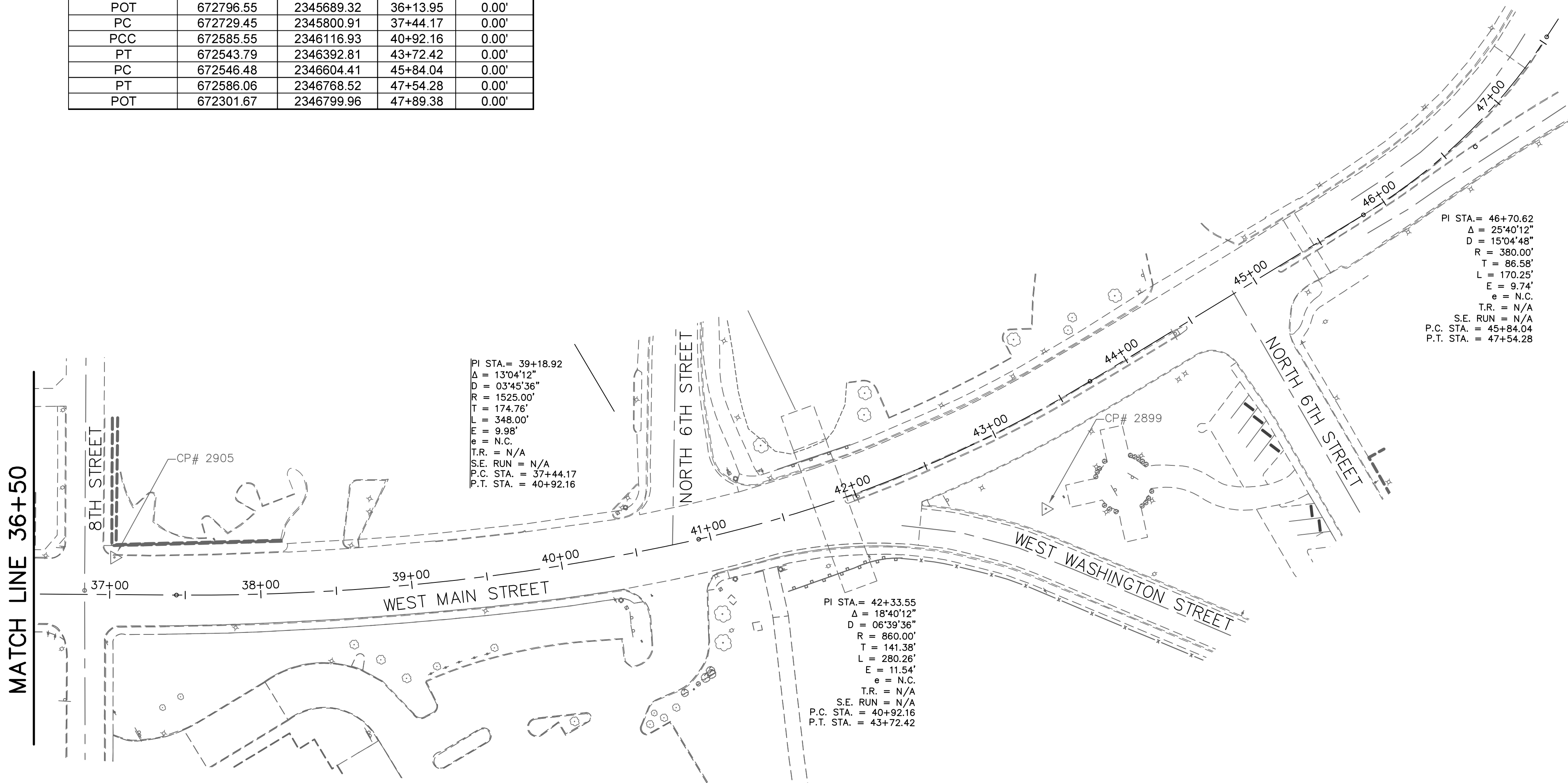
MATCH LINE 36+50

ALIGNMENT COORDINATES

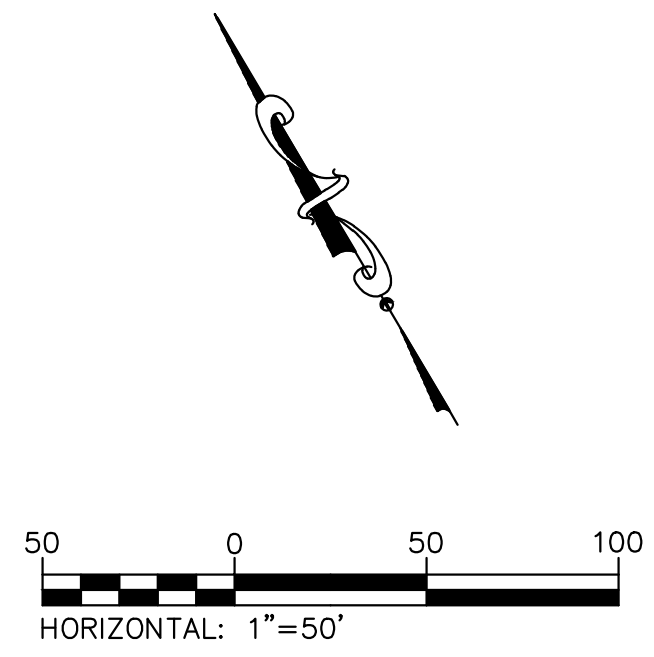
DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
WEST MAIN STREET				
POT	673391.67	2344689.04	24+50.00	0.00'
POT	673364.83	2344734.47	25+02.77	0.00'
POT	673344.43	2344768.87	25+42.76	0.00'
POT	673217.15	2344984.05	27+92.77	0.00'
POT	673197.82	2345019.10	28+32.79	0.00'
POT	673161.51	2345086.49	29+04.12	0.00'
POT	673046.15	2345273.73	31+29.17	0.00'
POT	672920.89	2345483.57	33+73.56	0.00'
POT	672900.03	2345518.52	34+14.26	0.00'
POT	672846.37	2345603.51	35+13.72	0.00'
POT	672796.55	2345689.32	36+13.95	0.00'
PC	672729.45	2345800.91	37+44.17	0.00'
PCC	672585.55	2346116.93	40+92.16	0.00'
PT	672543.79	2346392.81	43+72.42	0.00'
PC	672546.48	2346604.41	45+84.04	0.00'
PT	672586.06	2346768.52	47+54.28	0.00'
POT	672301.67	2346799.96	47+89.38	0.00'

CONTROL POINTS AND BENCHMARKS

CONTROL POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
WEST MAIN STREET						
2899	672486.02	2346324.71	43+07.99	59.48	489.01	CP NAIL
2905	672771.70	2345778.21	37+02.94	-24.51'	495.00'	CP PK NAIL
2906	672904.52	2345477.59	33+76.81	17.12'	512.86'	CP PK NAIL
2907	673055.75	2345226.78	30+83.94	15.82'	521.02	CP PK NAIL
2921	673203.77	2344975.09	27+91.87	16.08'	516.57	CP PK NAIL
2929	673357.64	2344775.44	25+41.67	-14.71'	512.80'	CP PK NAIL



MATCH LINE 36+50



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

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

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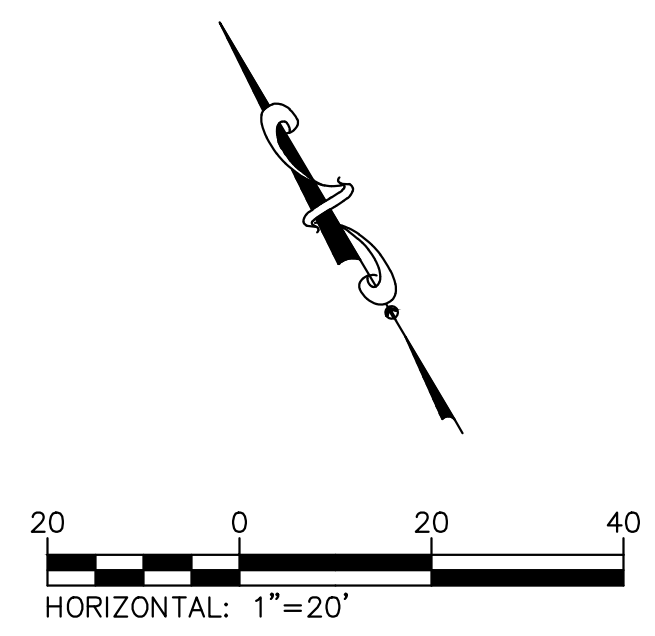
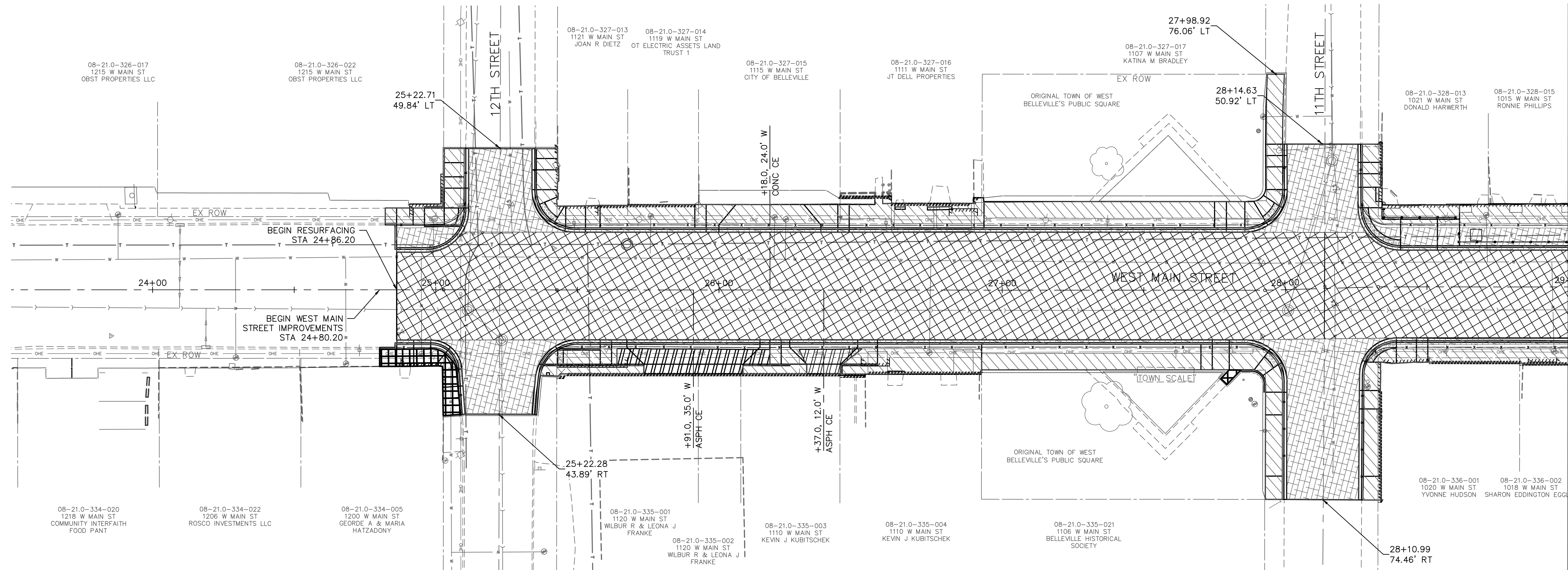
SHEET TITLE:
ALIGNMENT, TIES, AND BENCHMARKS

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	13
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 13 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Removal.dwg

LAST PLOTTED: 1/30/2019 1:58 PM OPERATOR: TJH



MATCH LINE 29+00

LEGEND

	ENTRANCE PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	LINEAR REMOVAL
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	BRICK SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	ITEM REMOVAL

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Kaskaskia
 Engineering Group, LLC

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CONTRACT NO. 97677
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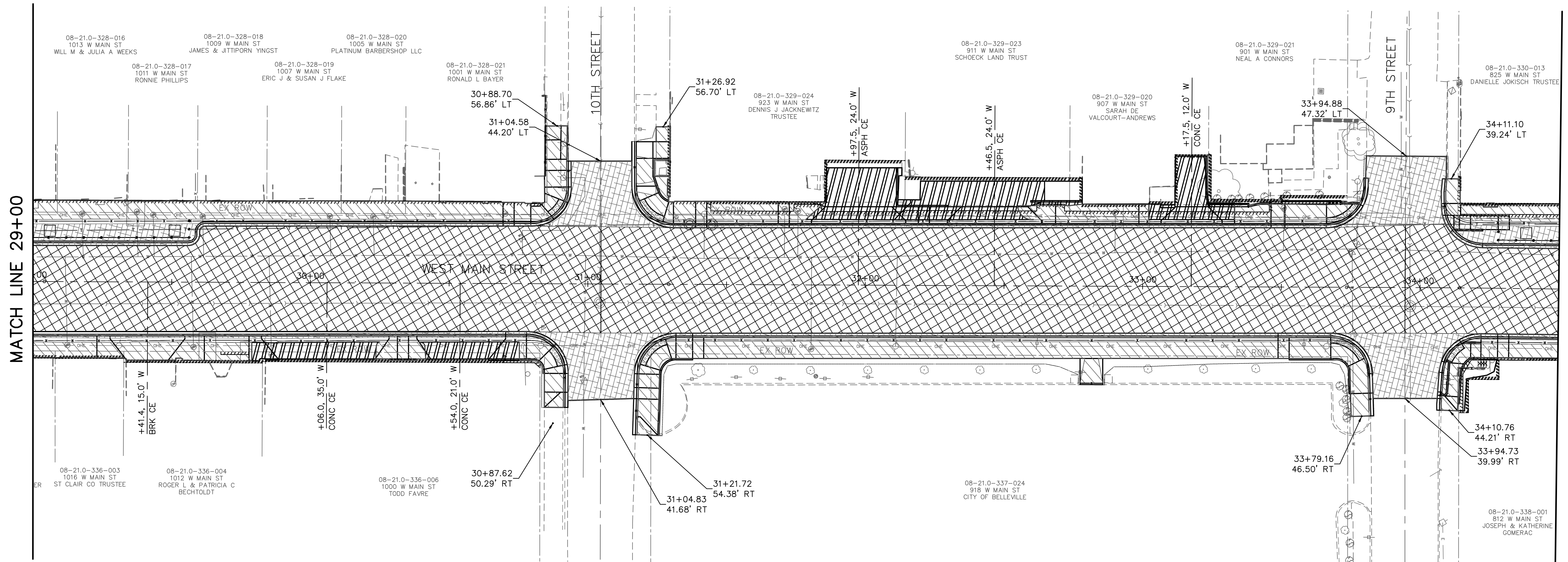
REMOVAL PLAN

WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	14
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 14 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Removal.dwg

LAST PLOTTED: 1/30/2019 1:58 PM OPERATOR: TJH



LEGEND

- ENTRANCE PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- BRICK SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- ITEM REMOVAL

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 618.233.5977 fax
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LICENSE NO. 184-004773
 20-5080586

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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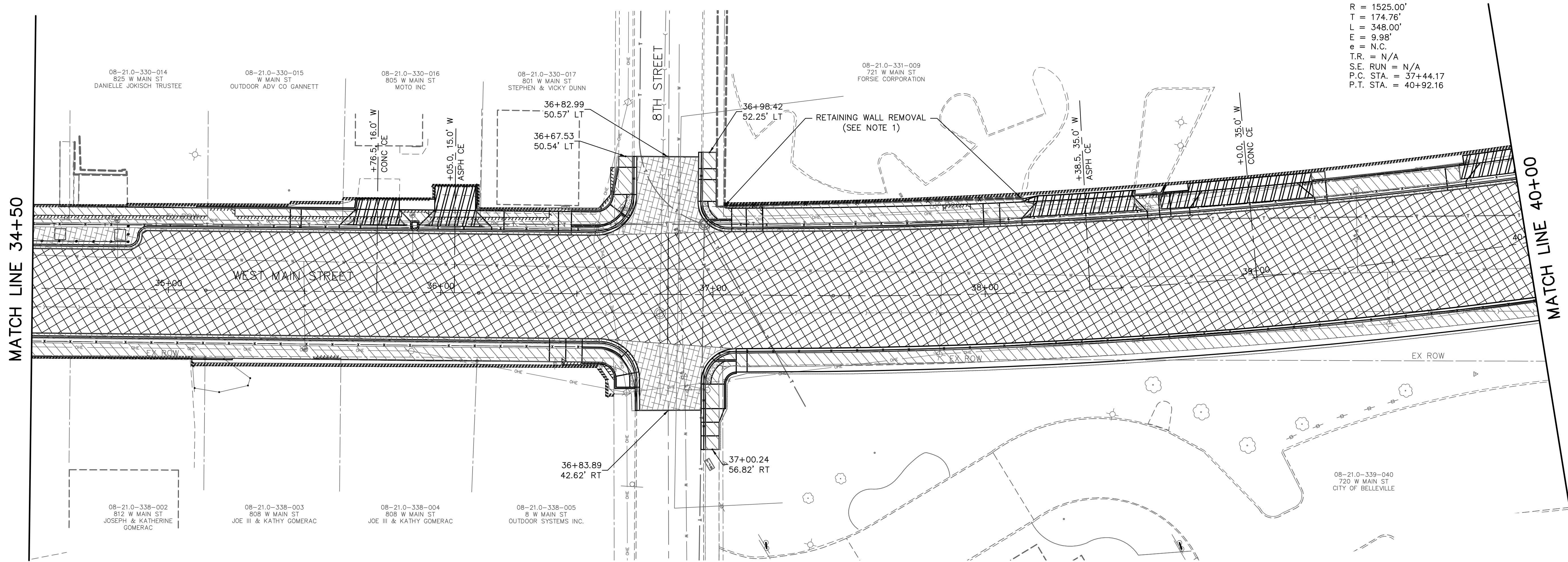
REMOVAL PLAN

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	15
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 15 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Removal.dwg

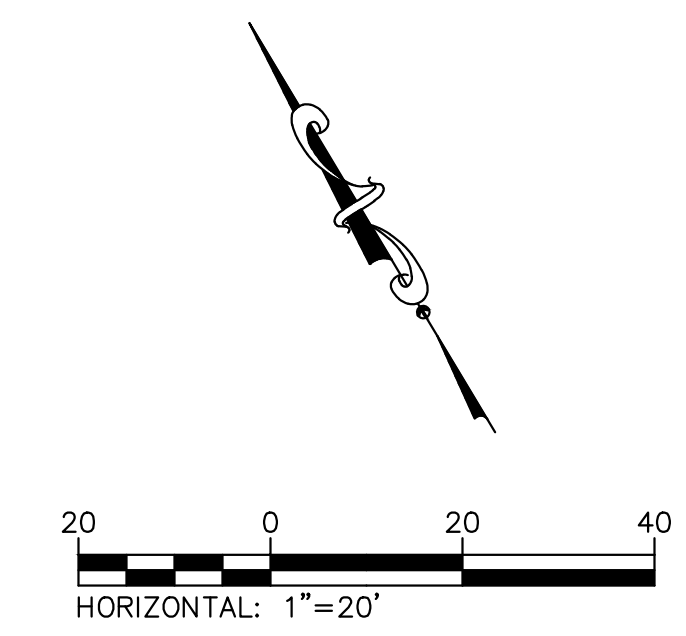
LAST PLOTTED: 1/30/2019 1:59 PM OPERATOR: TJH



LEGEND

- ENTRANCE PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- BRICK SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- ITEM REMOVAL

PI STA. = 39+18.92
 $\Delta = 13^{\circ}04'12''$
 $D = 03^{\circ}45'36''$
 $R = 1525.00'$
 $T = 174.76'$
 $L = 348.00'$
 $E = 9.98'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 37+44.17$
 $P.T. STA. = 40+92.16$



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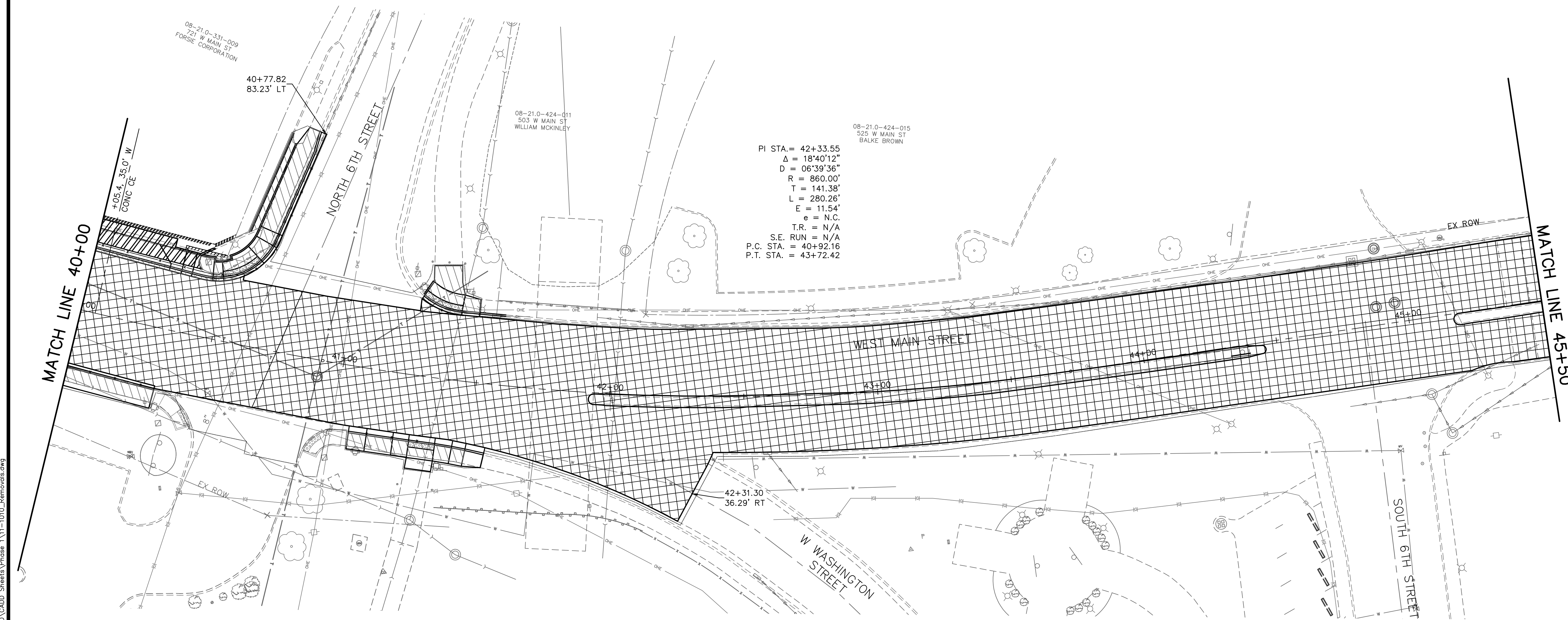
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SHEET TITLE: **REMOVAL PLAN**

PROJECT TITLE: **WEST MAIN STREET STREETSCAPE (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	16
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 16 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

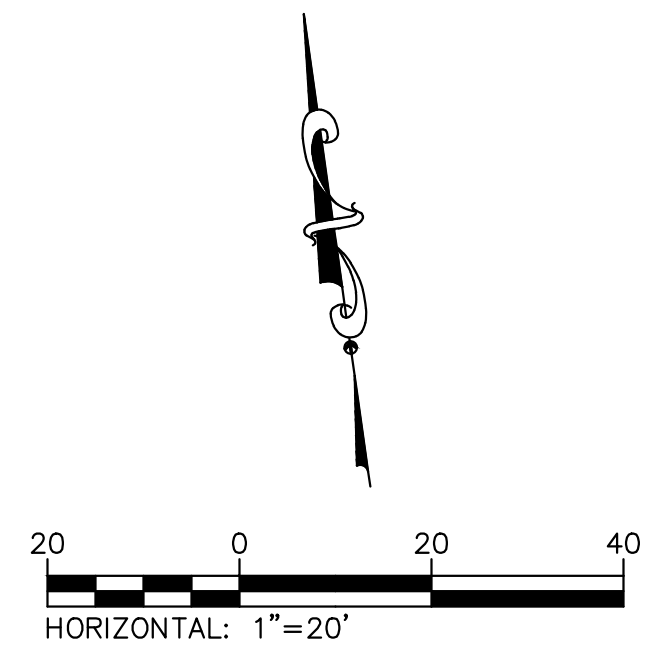
FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Removal.dwg



LEGEND

- ENTRANCE PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- BRICK SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- ITEM REMOVAL

LAST PLOTTED: 1/30/2019 1:59 PM OPERATOR: T.J.H



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CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

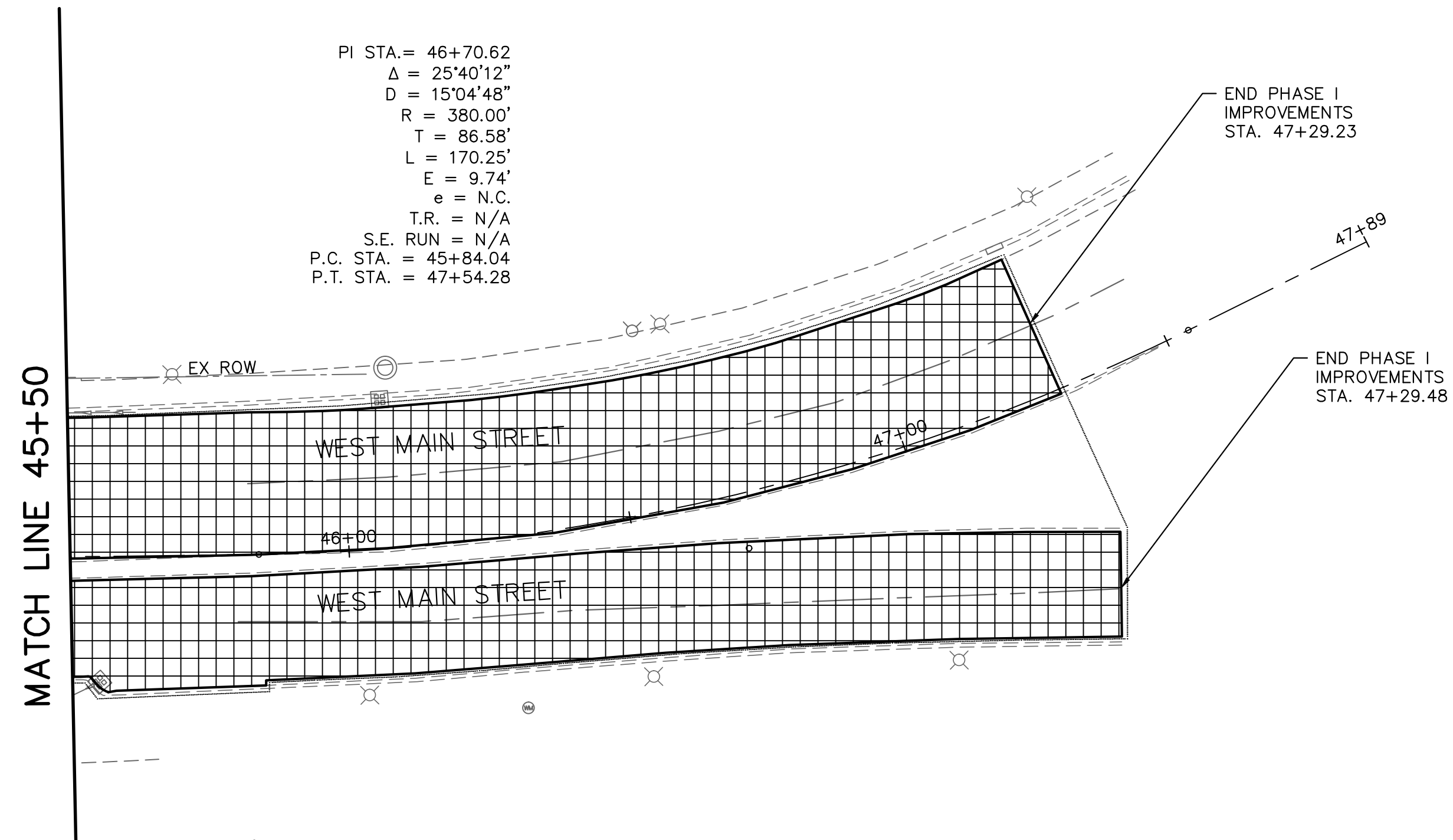
REV.	DATE	DESCRIP
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SHEET TITLE: **REMOVAL PLAN**

PROJECT TITLE: **WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

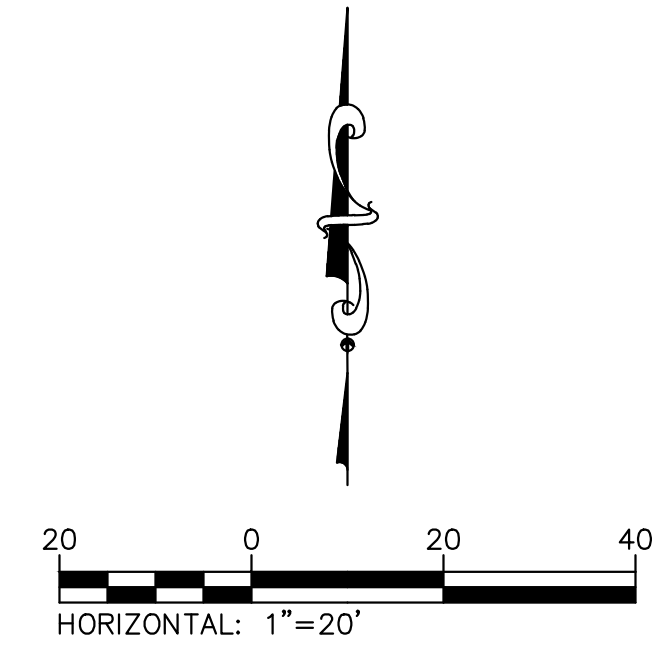
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	17
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 17 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Removal.dwg



PI STA. = 46+70.62
 Δ = 25°40'12"
D = 15°04'48"
R = 380.00'
T = 86.58'
L = 170.25'
E = 9.74'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 45+84.04
P.T. STA. = 47+54.28

08-210-441-001
510-512 W MAIN ST
CITY OF BELLEVILLE



LEGEND

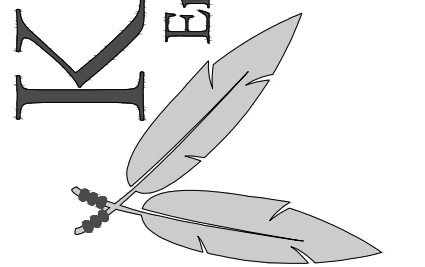
- ENTRANCE PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- BRICK SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- ITEM REMOVAL

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SEC. NO. 10-00176-04-SW

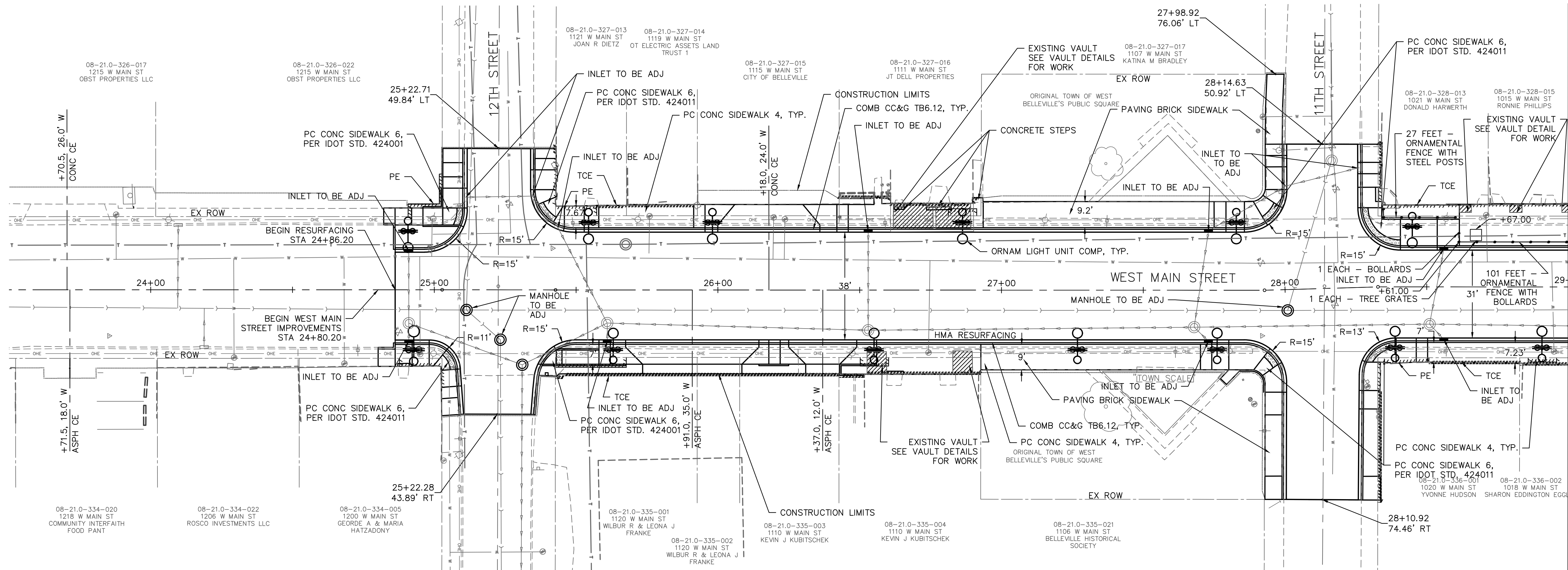
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SHEET TITLE: **REMOVAL PLAN**
PROJECT TITLE: **WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	18
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 18 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_RWP.dwg

LAST PLOTTED: 1/30/2019 2:00 PM OPERATOR: TJH



MATCH LINE 29+00

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ROADWAY PLAN

PROJECT TITLE: WEST MAIN STREET STREETScape (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	19
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 19 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

PREPARED BY:

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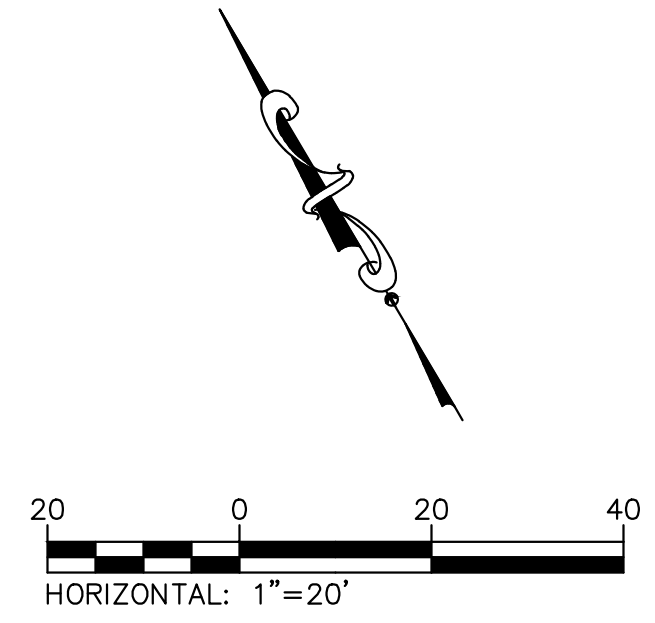
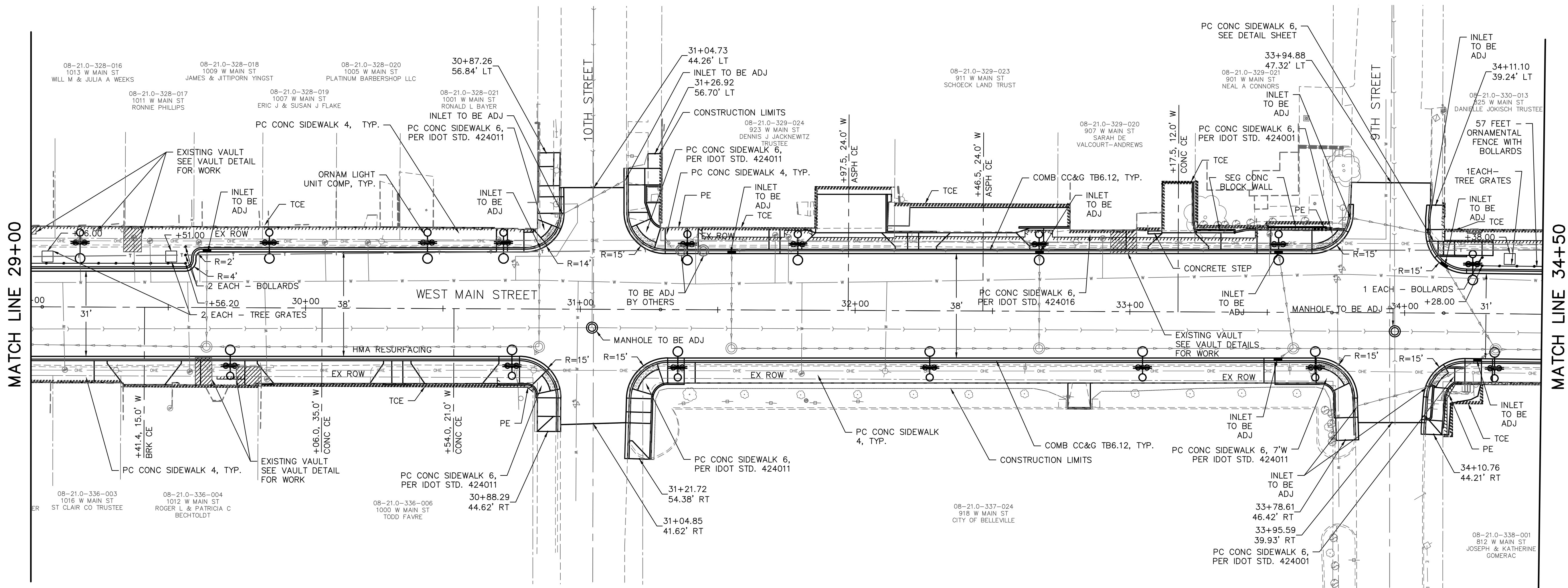
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CONTRACT NO. 97677
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LAST PLOTTED: 1/30/2019 2:00 PM OPERATOR: TJH



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ROADWAY PLAN

PROJECT TITLE: WEST MAIN STREET STREETScape (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	20
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 20 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

PREPARED BY:

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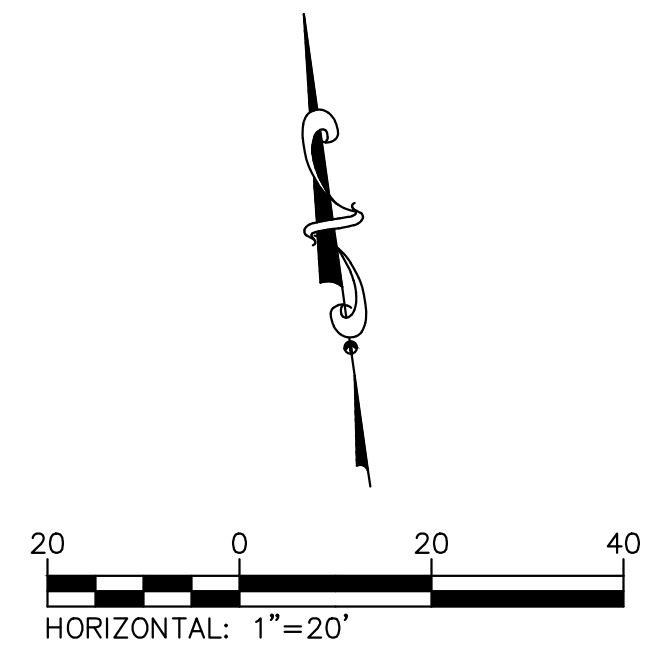
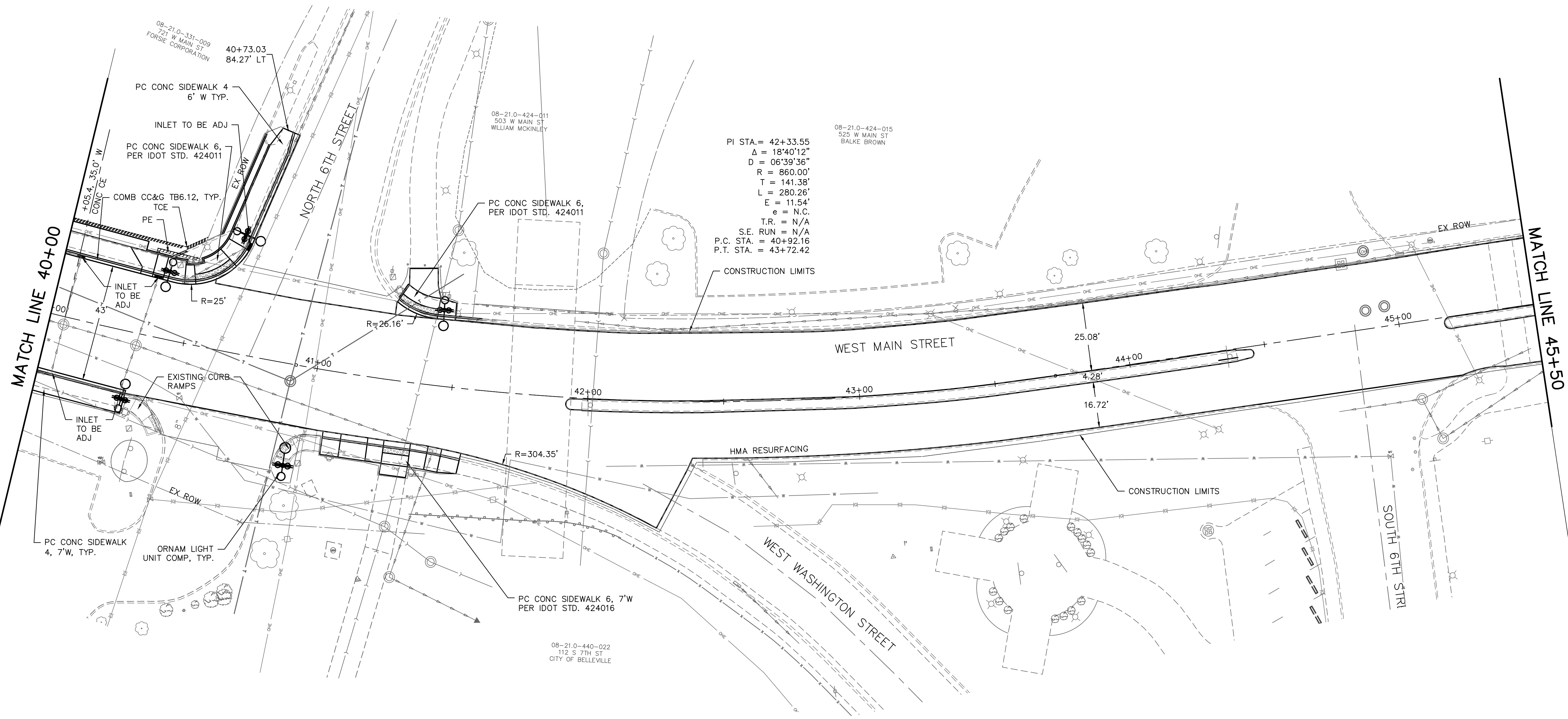
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FILE: P:\11-1010.00 West Main St Streetscape 6th to 7th St\10_CAD\CADD_Sheets\Phase 1\11-1010_RP1.dwg

LAST PLOTTED: 1/30/2019 2:00 PM OPERATOR: TJH



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CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

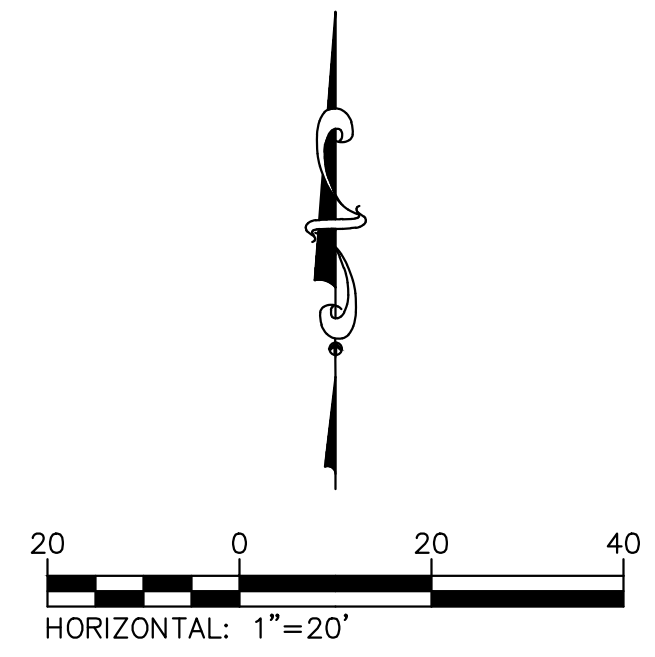
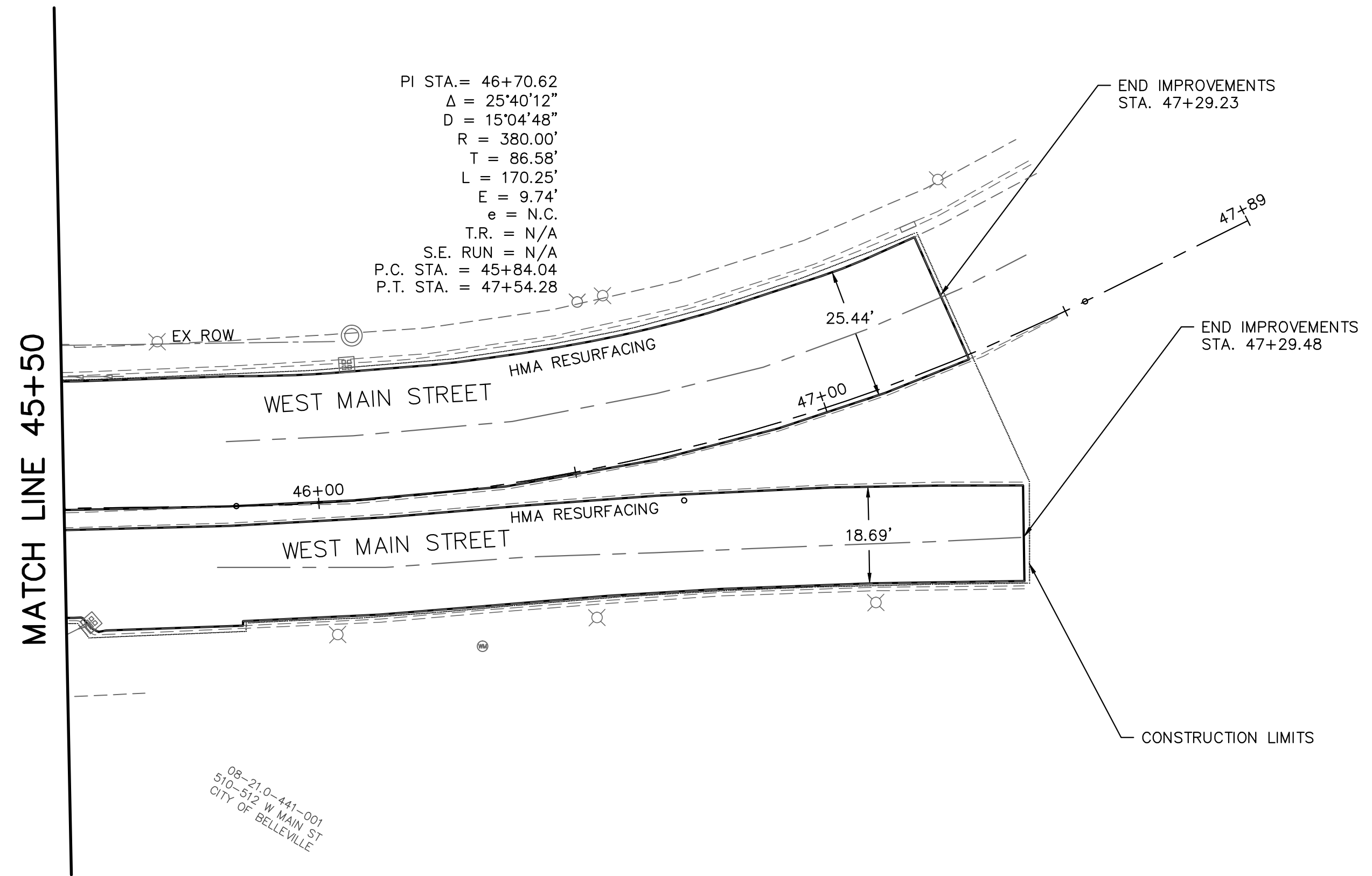
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SHEET TITLE: ROADWAY PLAN

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	22
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 22 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_P1P.dwg



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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

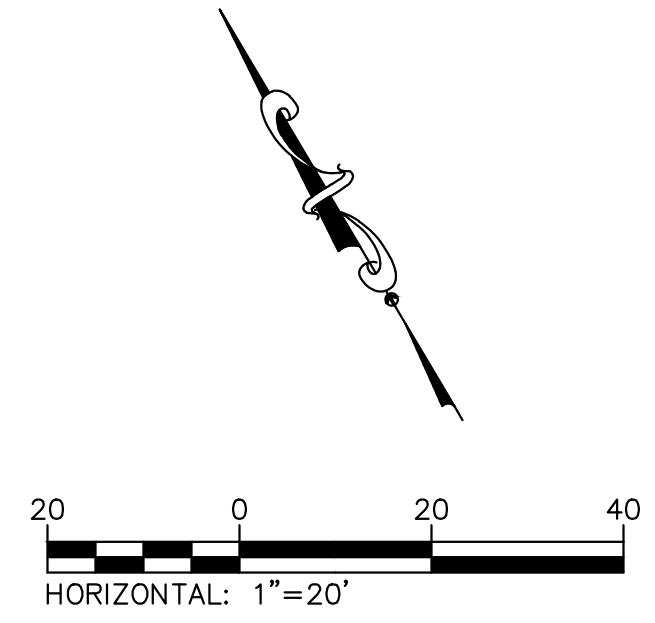
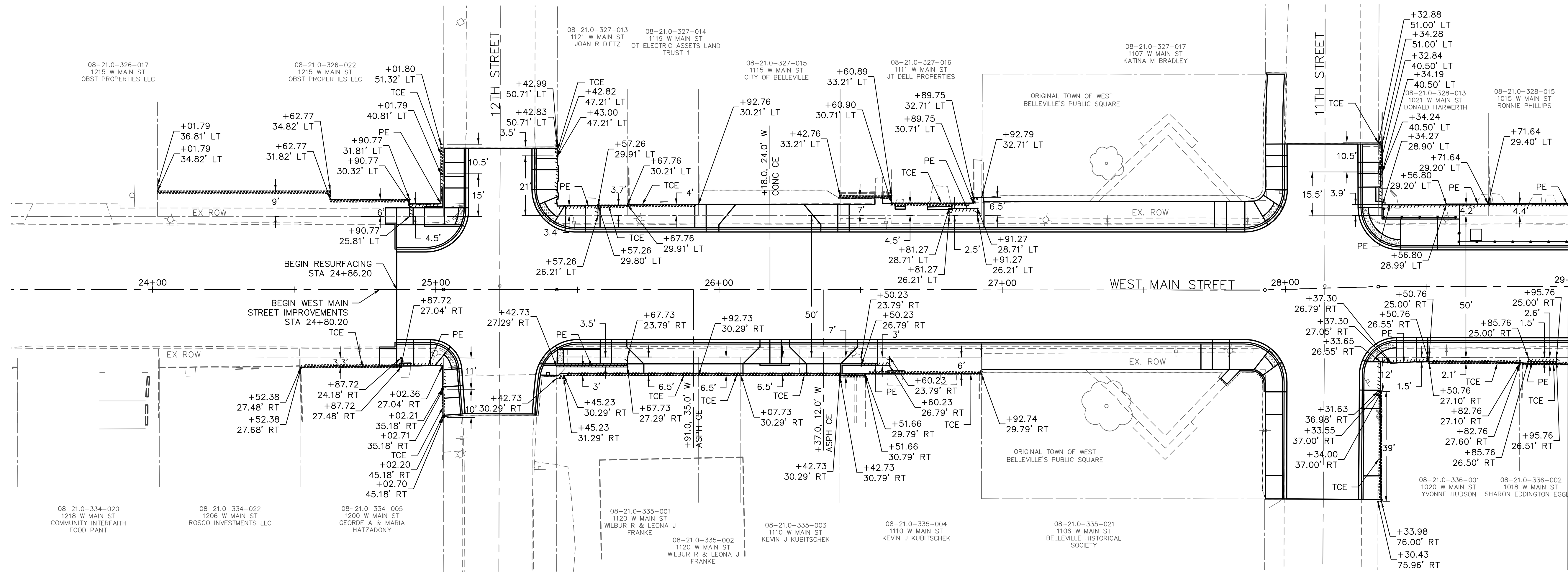
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SHEET TITLE: ROADWAY PLAN
 PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	23
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 23 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Easements.dwg

LAST PLOTTED: 1/30/2019 2:01 PM OPERATOR: TJH



MATCH LINE 29+00

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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SHEET TITLE: **TEMPORARY CONSTRUCTION EASEMENTS & PERMANENT EASEMENTS**

PROJECT TITLE: **WEST MAIN STREET STREETScape (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	24
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 24 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

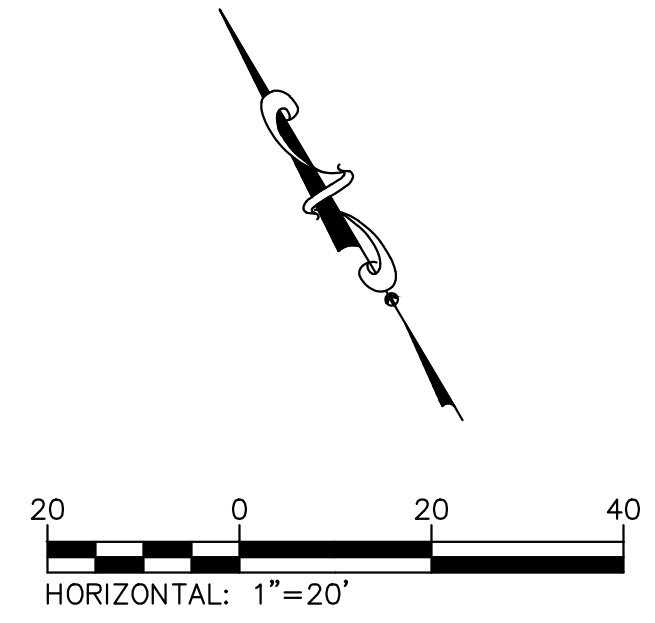
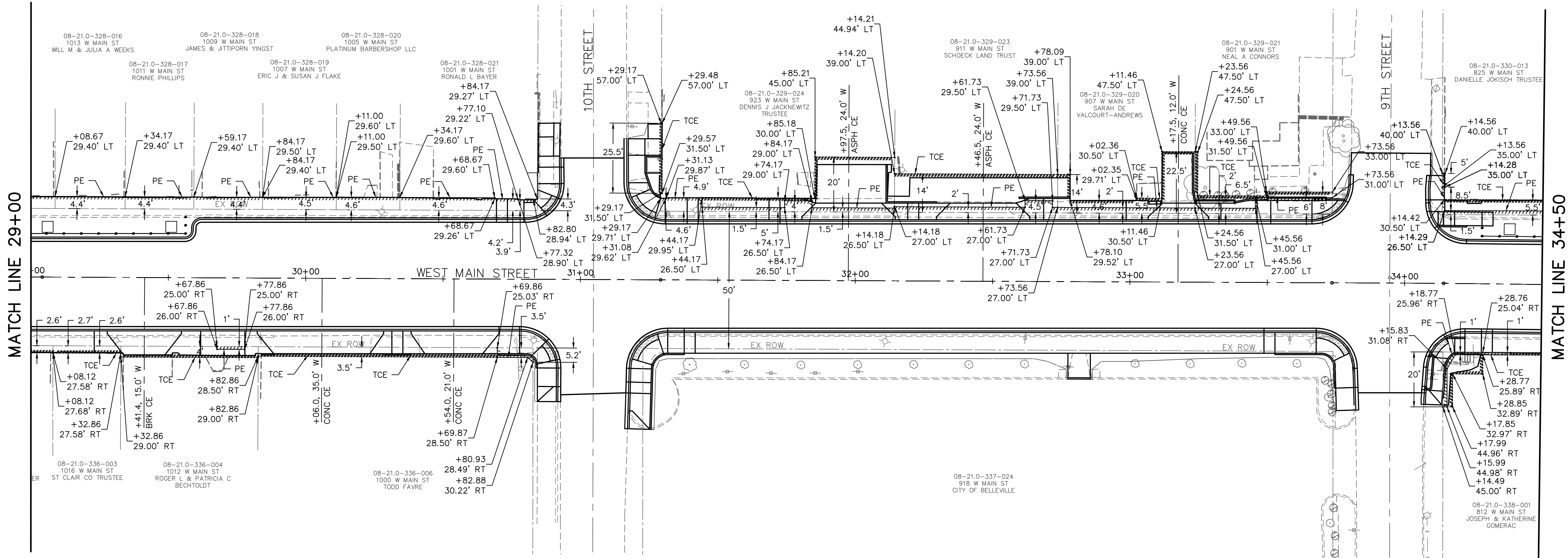
PREPARED BY: **Kaskaskia Engineering Group, LLC**

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618.233.5977 fax
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FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Easements.dwg

LAST PLOTTED: 1/30/2019 2:01 PM OPERATOR: TJH



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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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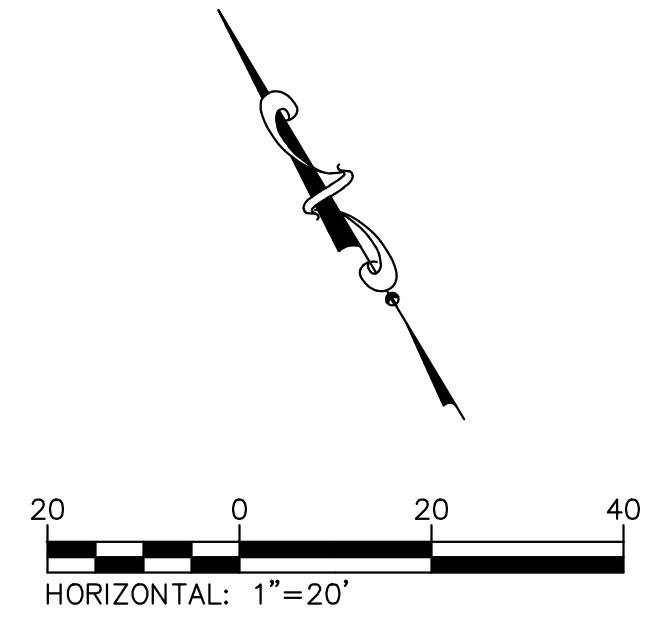
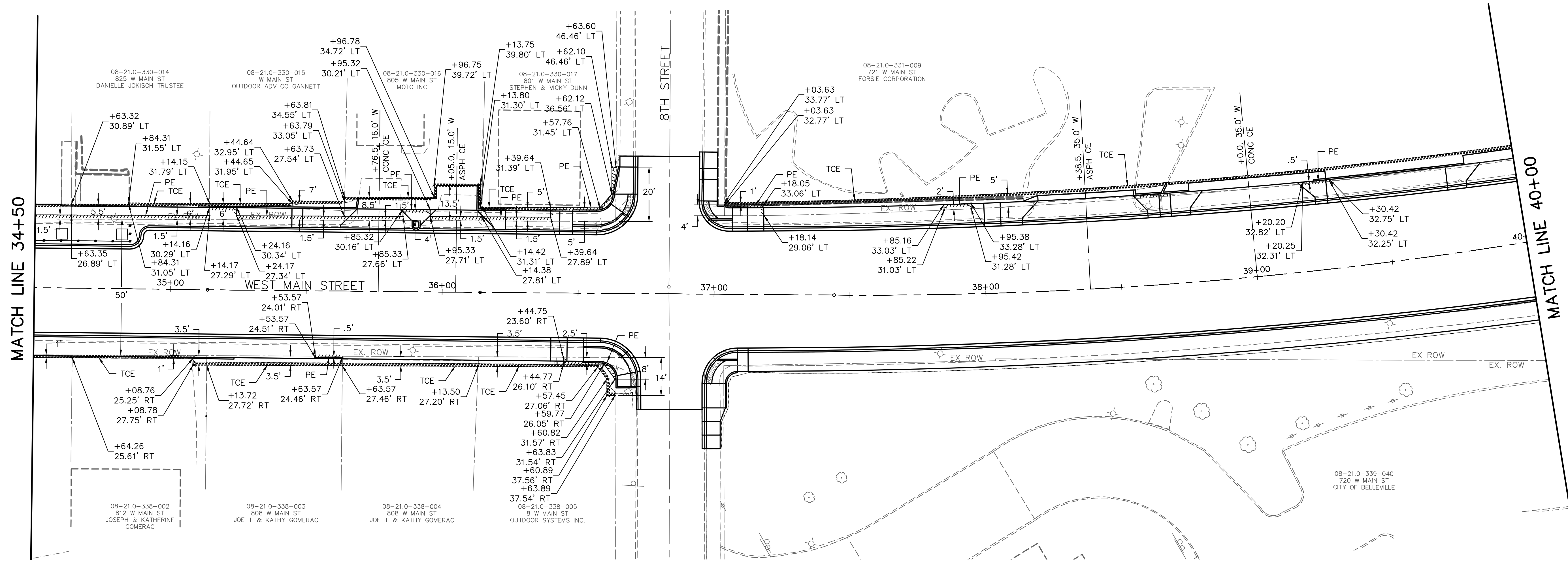
SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
 & PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	25
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 25 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Easements.dwg

LAST PLOTTED: 1/30/2019 2:02 PM OPERATOR: TJH



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 Professional Engineering Group

LICENSE NO. 184-004773
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PREPARED BY:

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

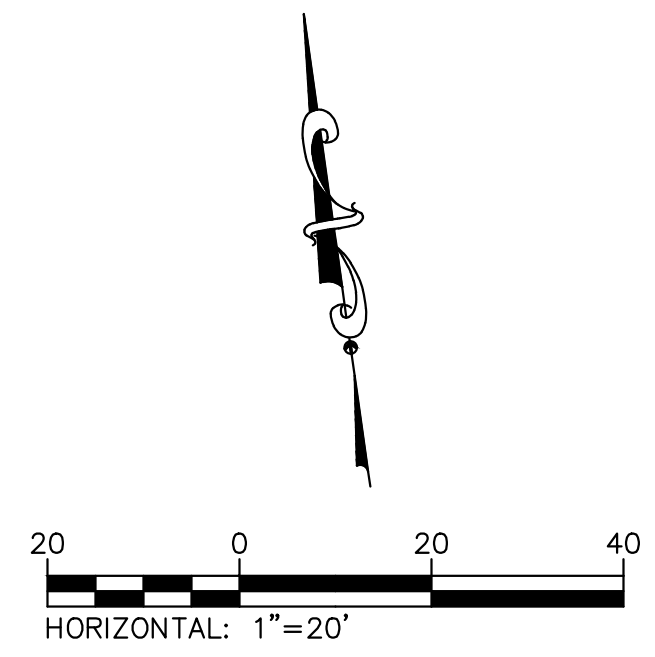
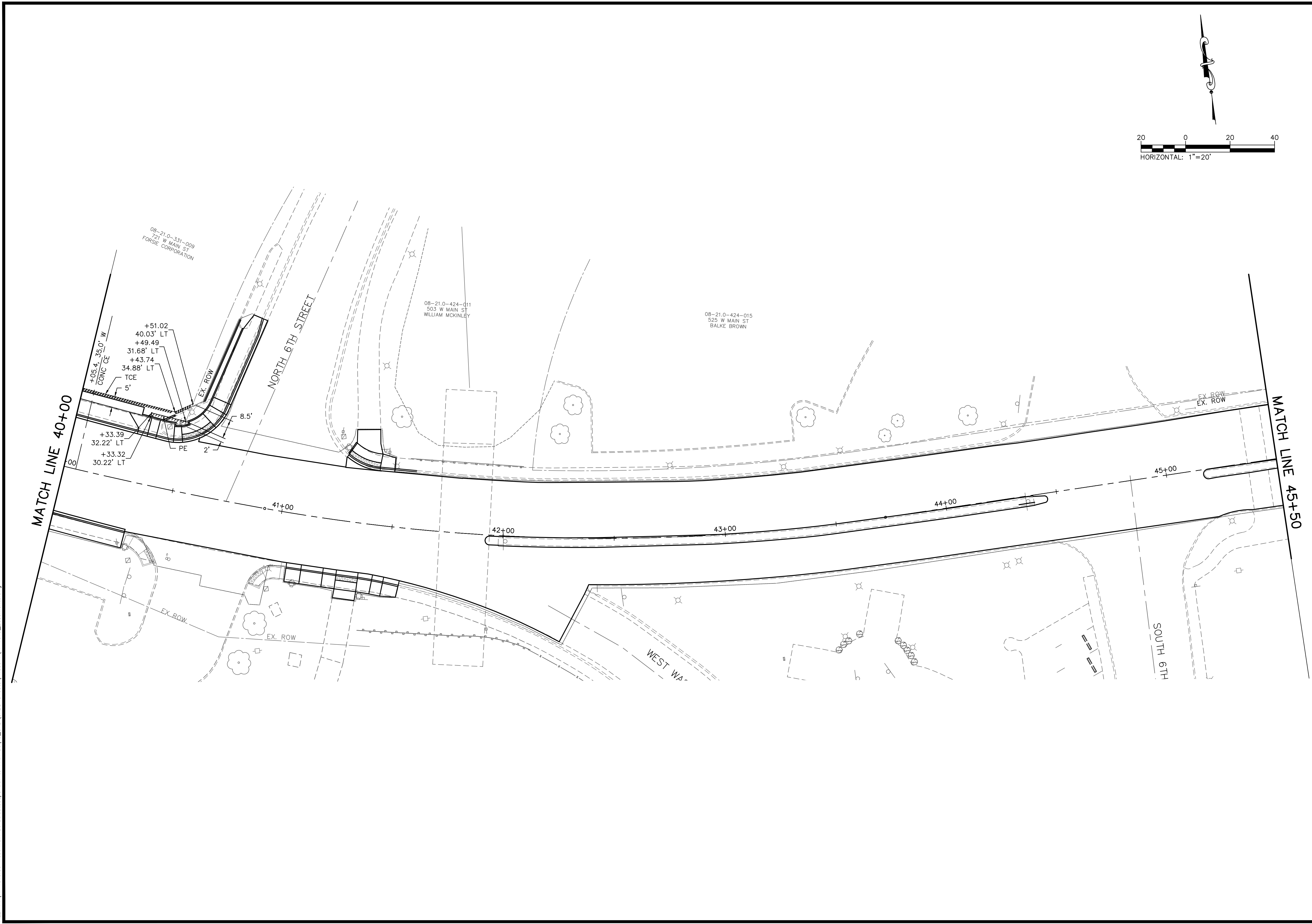
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SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
 & PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	26
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 26 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Easements.dwg



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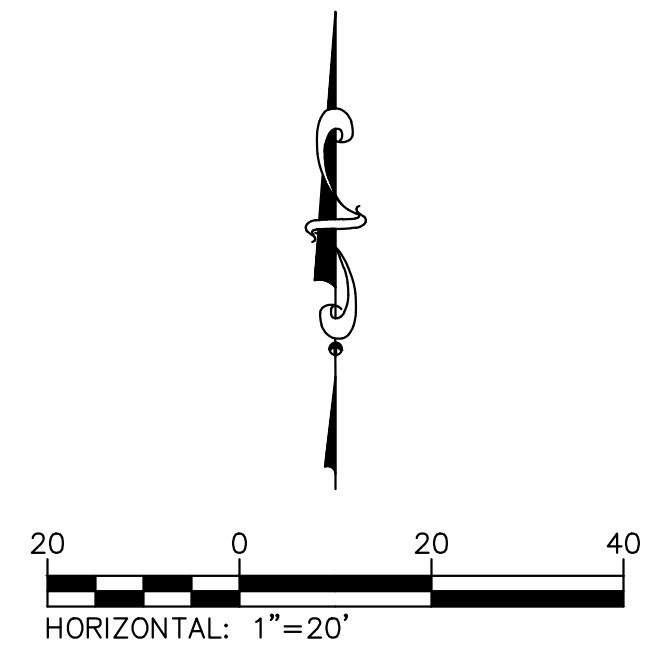
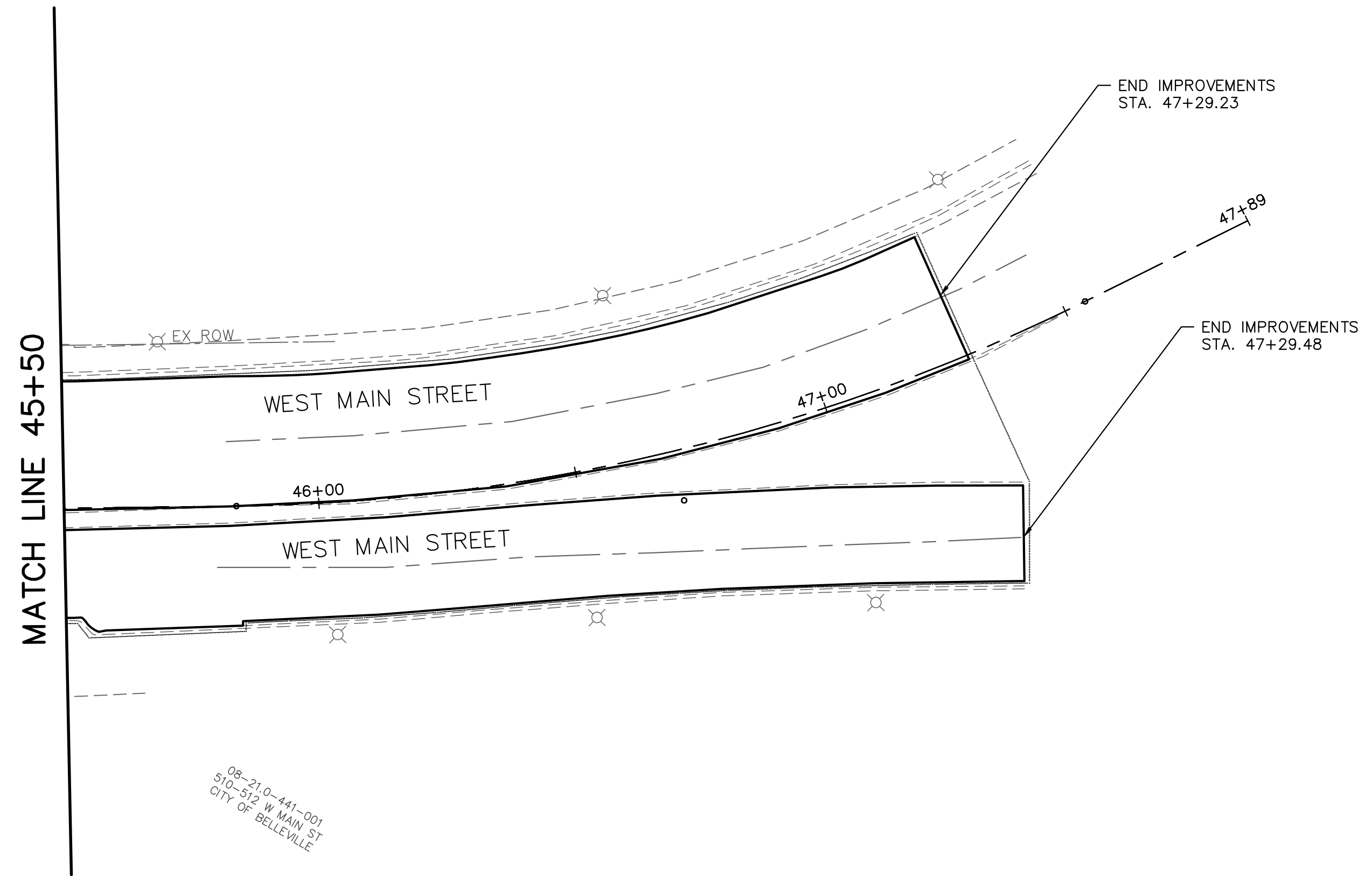
CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

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SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
& PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	27
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 27 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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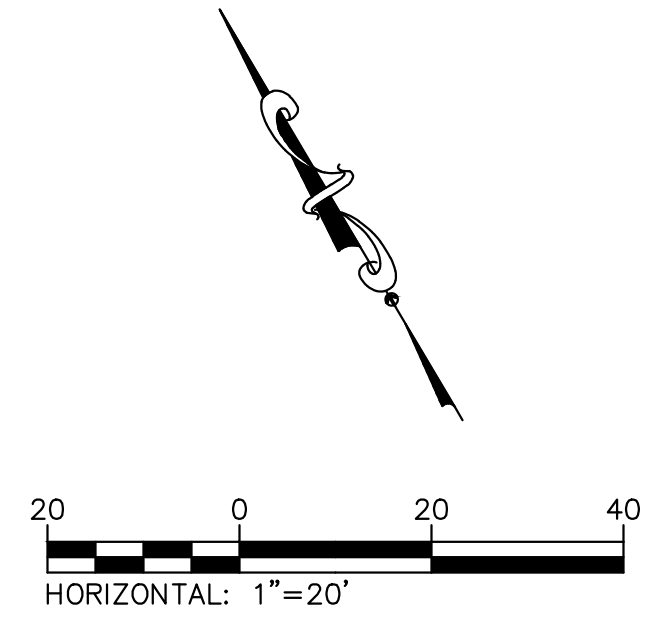
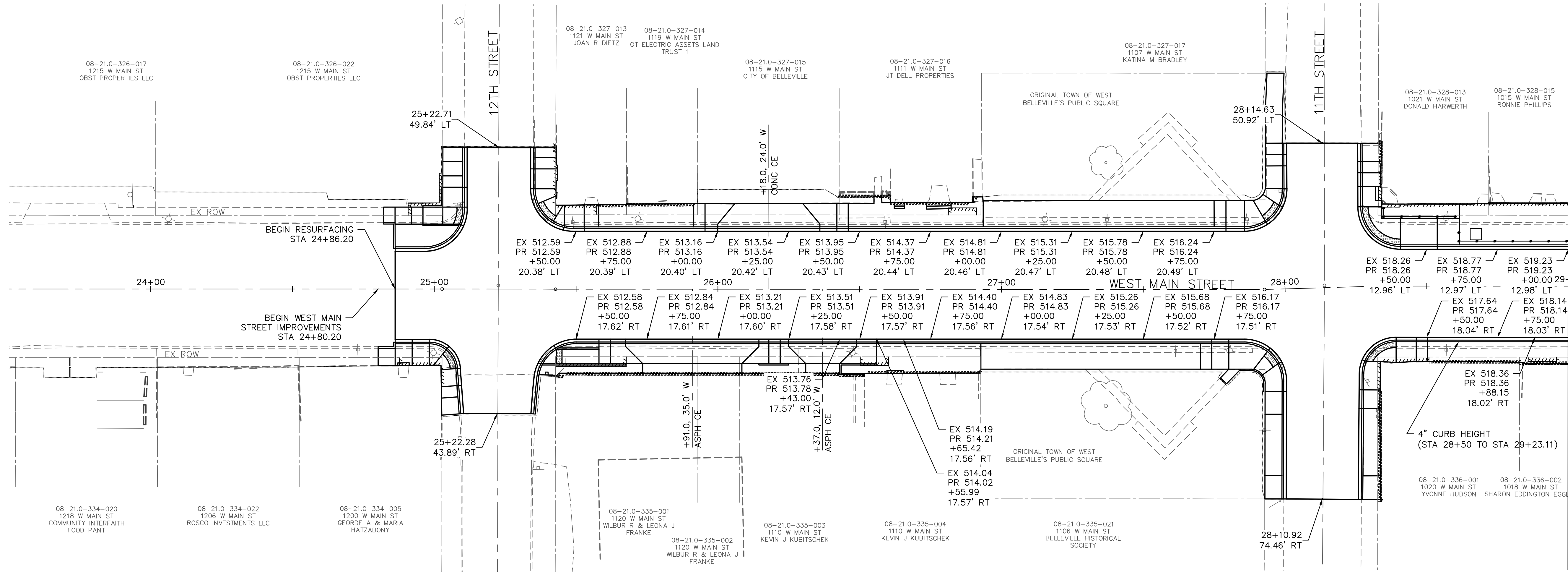
SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
 & PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET 28
DRAWN BY: TJH	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 28 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Roadway Grading.dwg

LAST PLOTTED: 1/30/2019 2:03 PM OPERATOR: TJH



MATCH LINE 29+00

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

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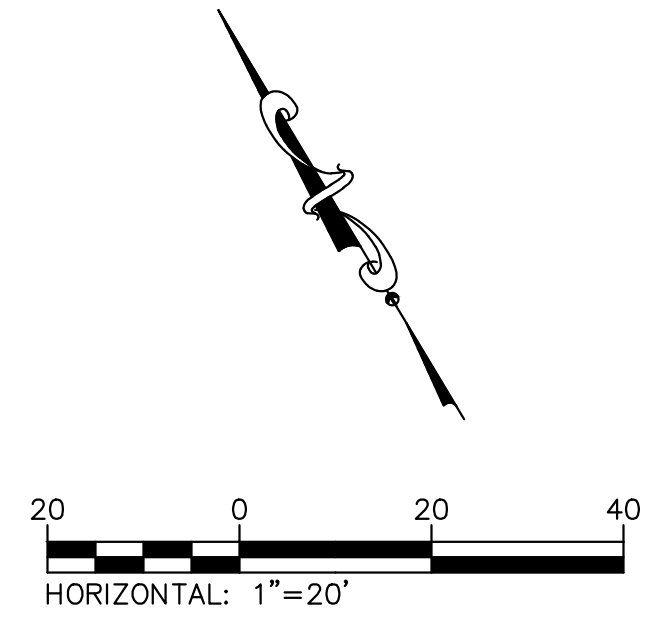
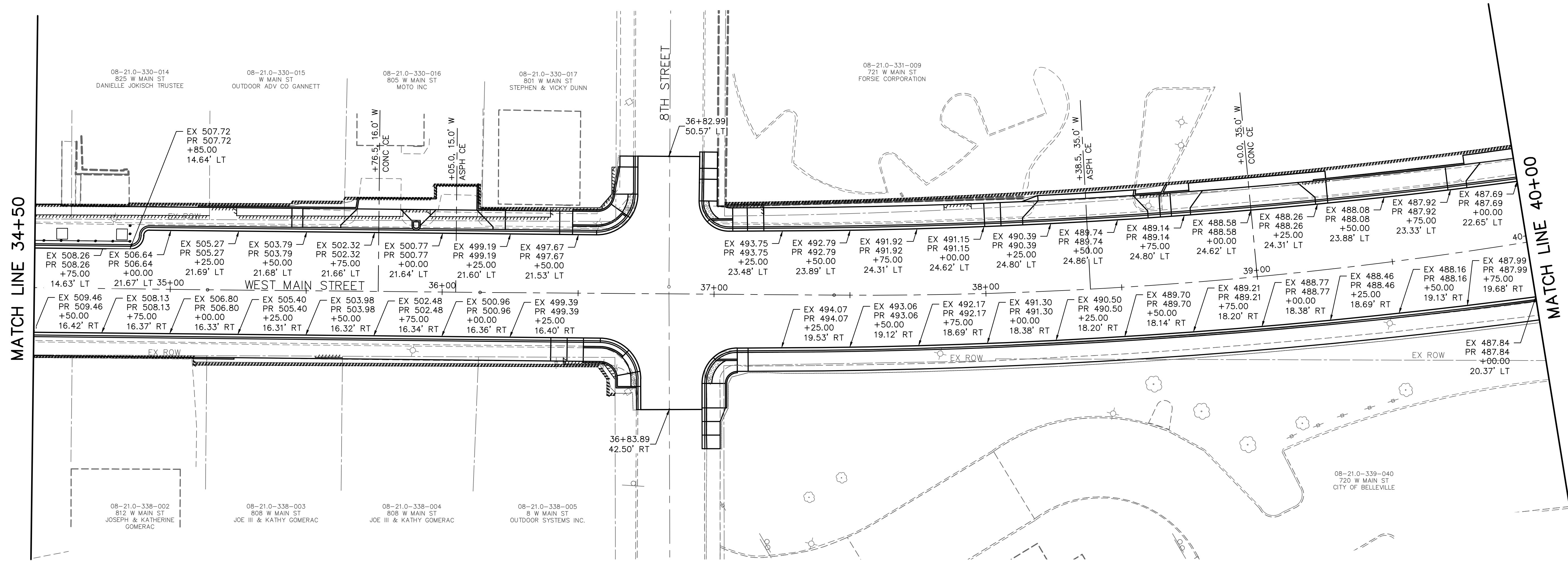
ROADWAY GRADING
WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	29
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 29 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

PREPARED BY: **Kaskaskia Engineering Group, LLC**
 PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group
 LICENSE NO. 184-004773
 20-5080586
 208 East Main Street, Suite 100
 Belleville, Illinois 62220
 618.233.8877 phone
 618.233.9777 fax
 www.kaskaskiaeng.com

FILE: P:\11-1010-00 West Main Street\11-1010-00\11-1010-Roadway Grading.dwg

LAST PLOTTED: 1/30/2019 2:03 PM OPERATOR: TJH



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PREPARED BY:

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

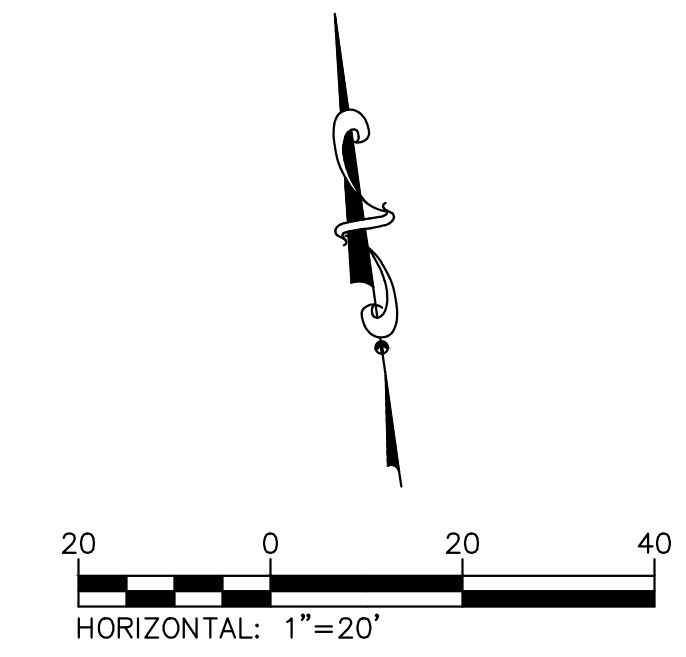
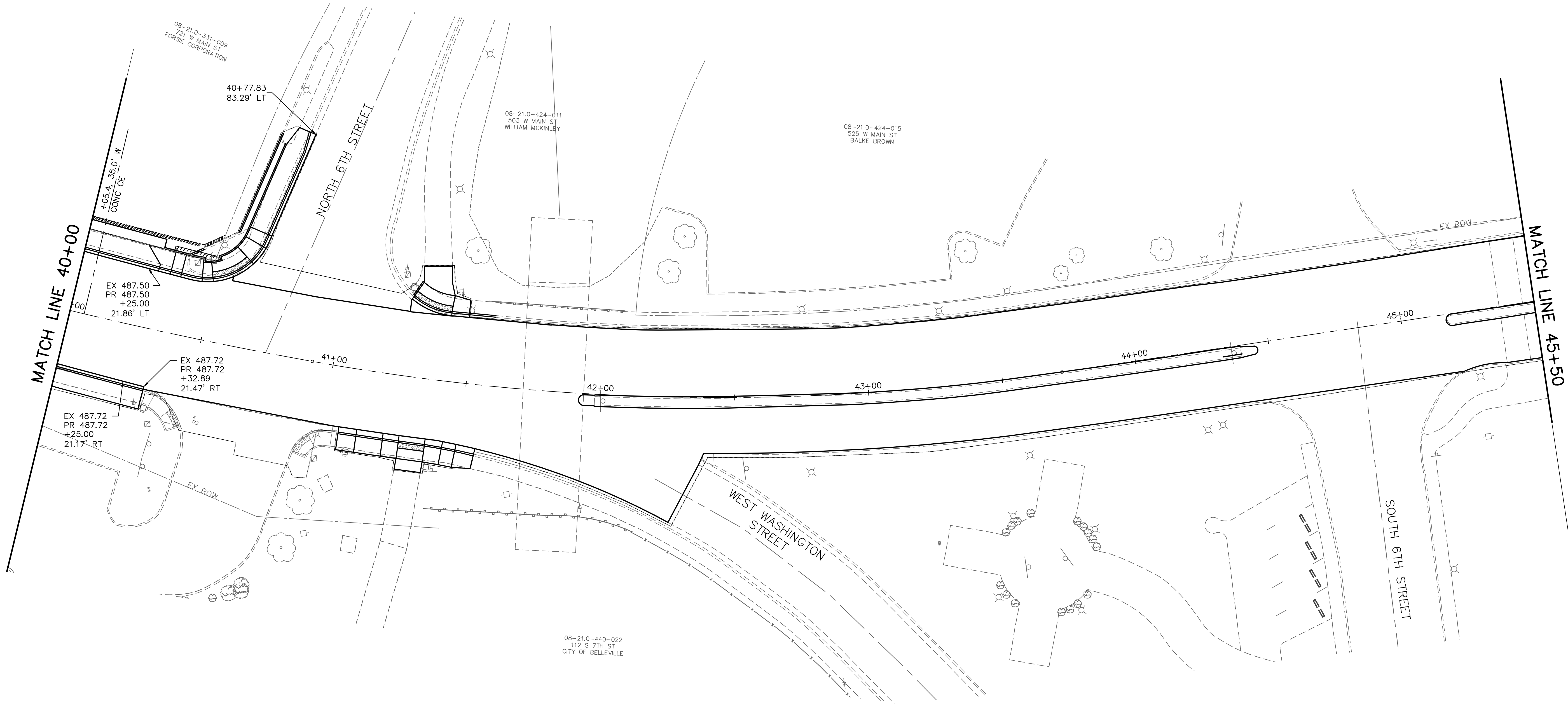
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ROADWAY GRADING
WEST MAIN STREET STREETScape
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	31
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 31 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

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LAST PLOTTED: 1/30/2019 2:03 PM OPERATOR: TJH



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PREPARED BY:

Kaskaskia

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Illinois Professional Design Firm
Professional Engineering Group

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

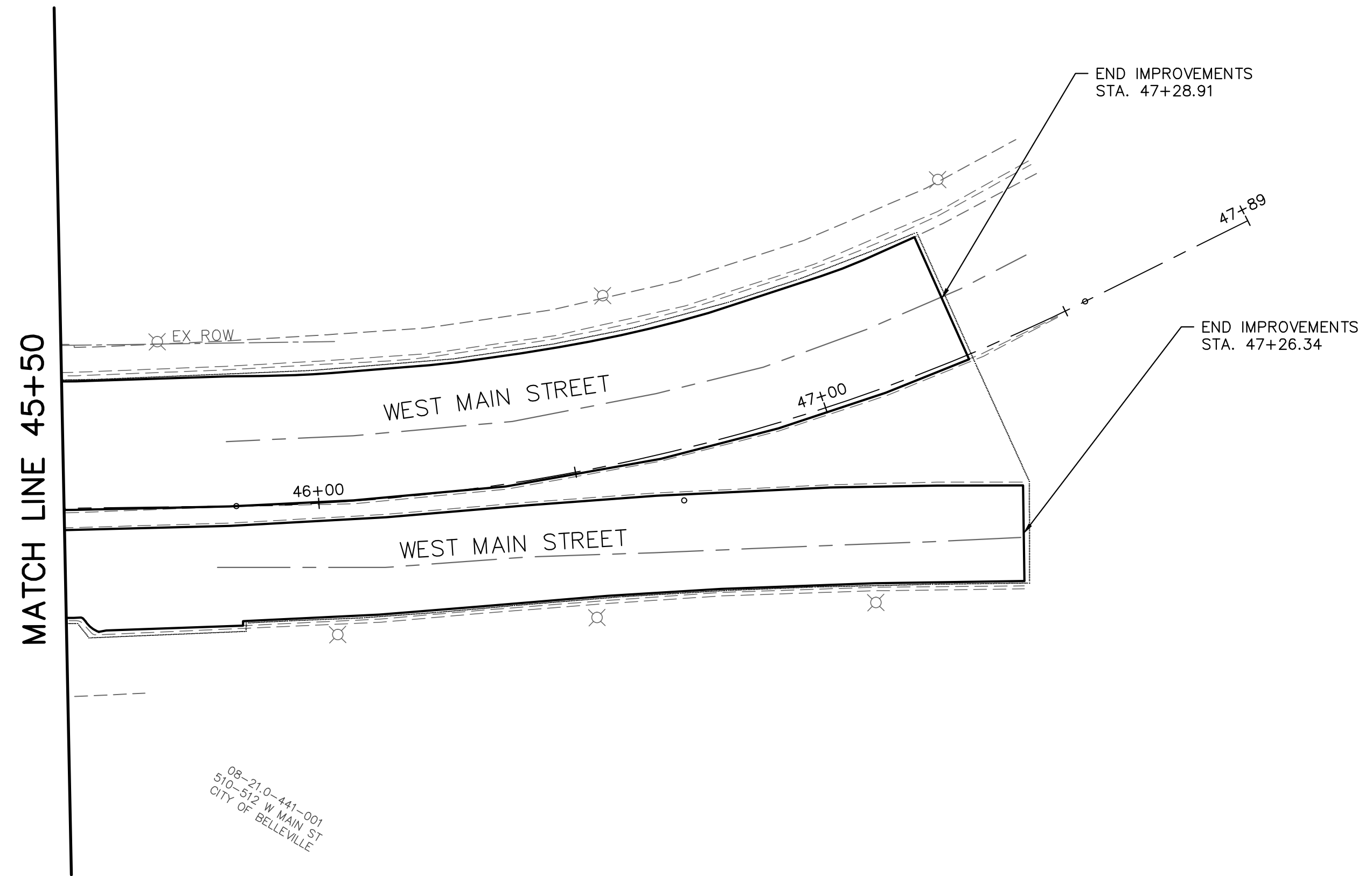
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SHEET TITLE: ROADWAY GRADING

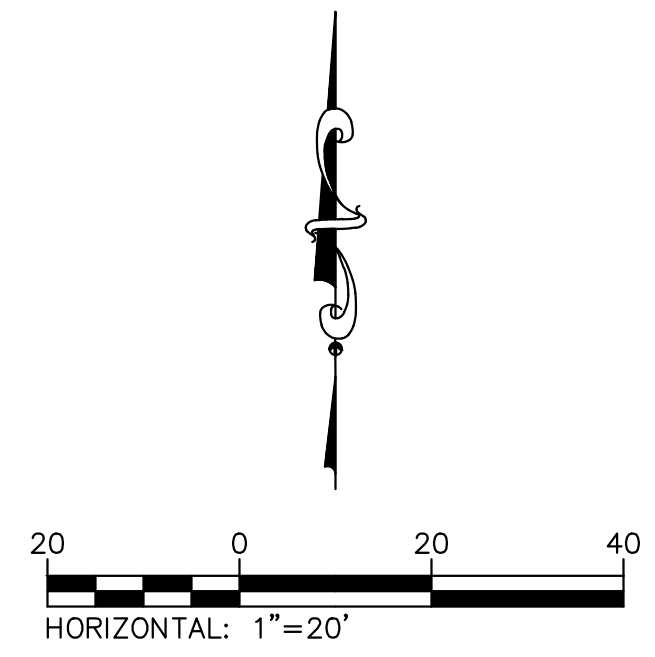
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(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	
CHECKED BY: LDC	32
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 32 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_Roadway Grading.dwg



08-21.0-441-001
510-512 W MAIN ST
CITY OF BELLEVILLE



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Kaskaskia
Engineering Group, LLC

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Illinois Professional Design Firm
Professional Engineering Group

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

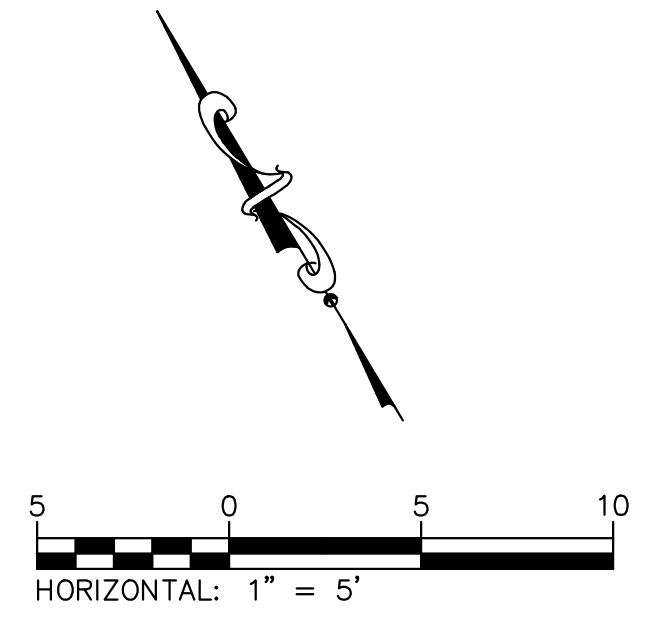
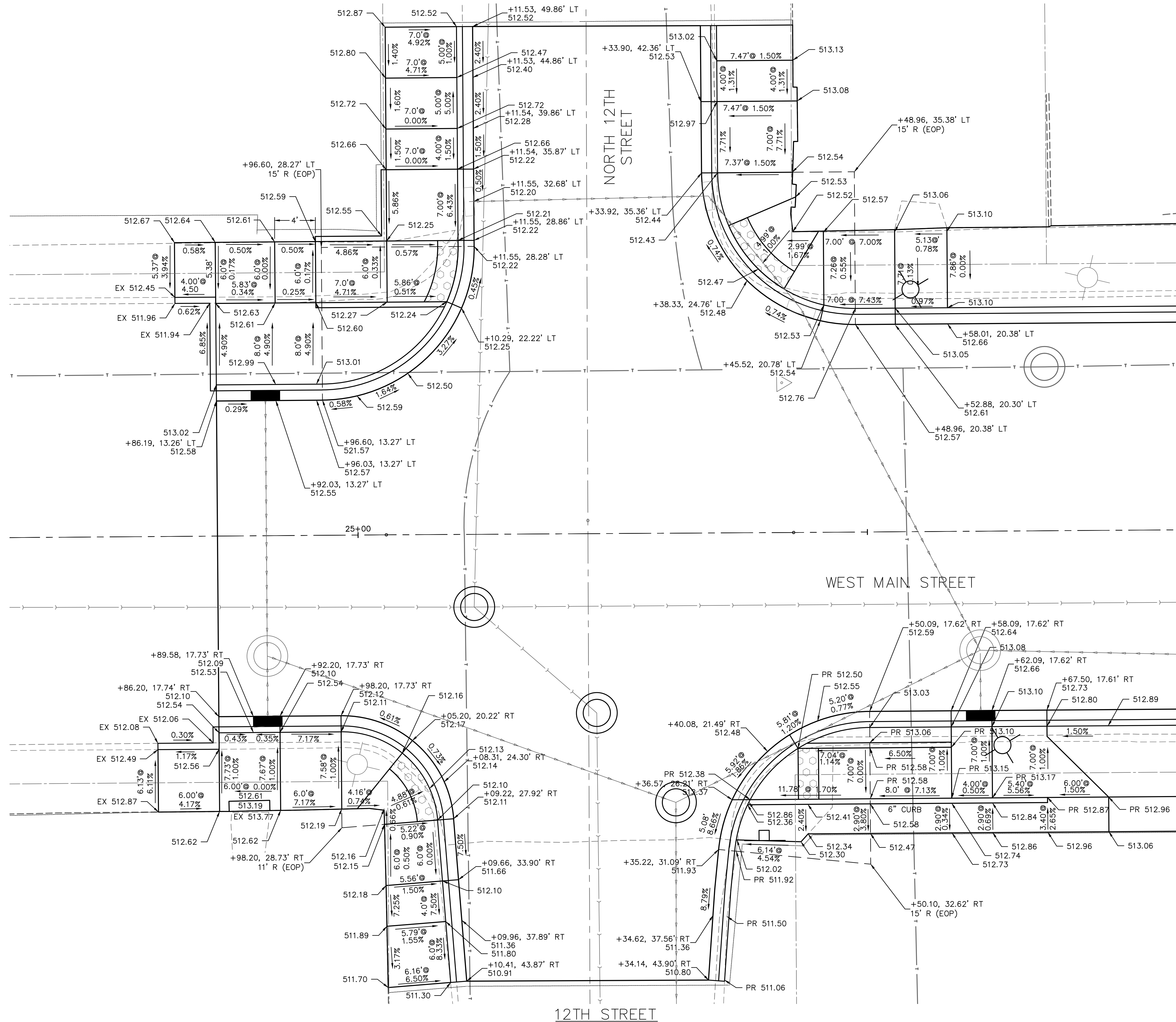
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SHEET TITLE:
ROADWAY GRADING

PROJECT TITLE:
**WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	
CHECKED BY: LDC	33
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 33 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10-CAD Sheets\Phase 1\11-1010-IntersectionDetails.dwg



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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

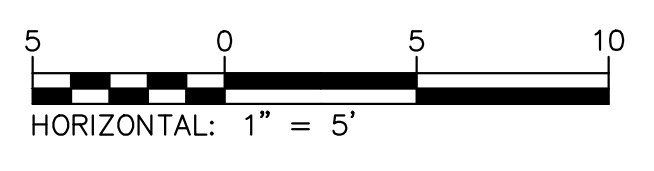
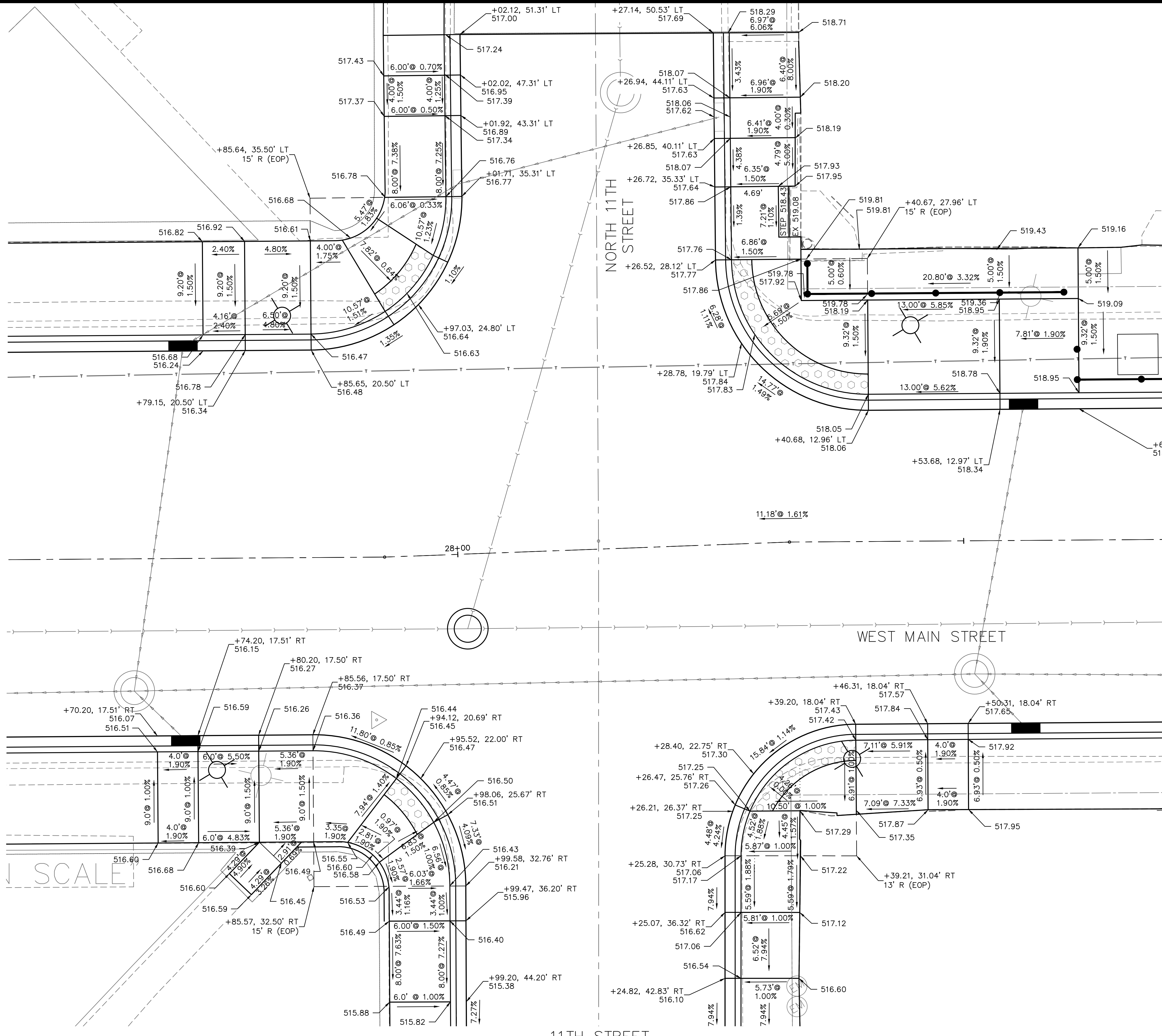
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	34
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 34 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10-CAD\CADD Sheets\Phase 1\11-1010_IntersectionDetails.dwg



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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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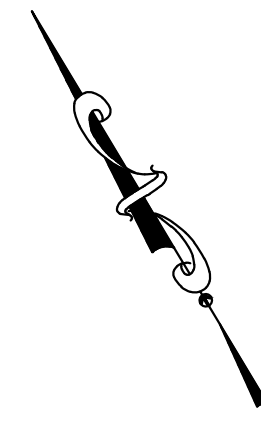
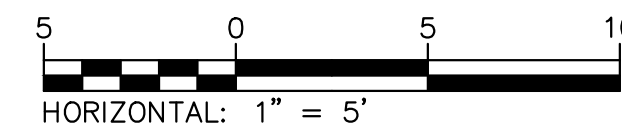
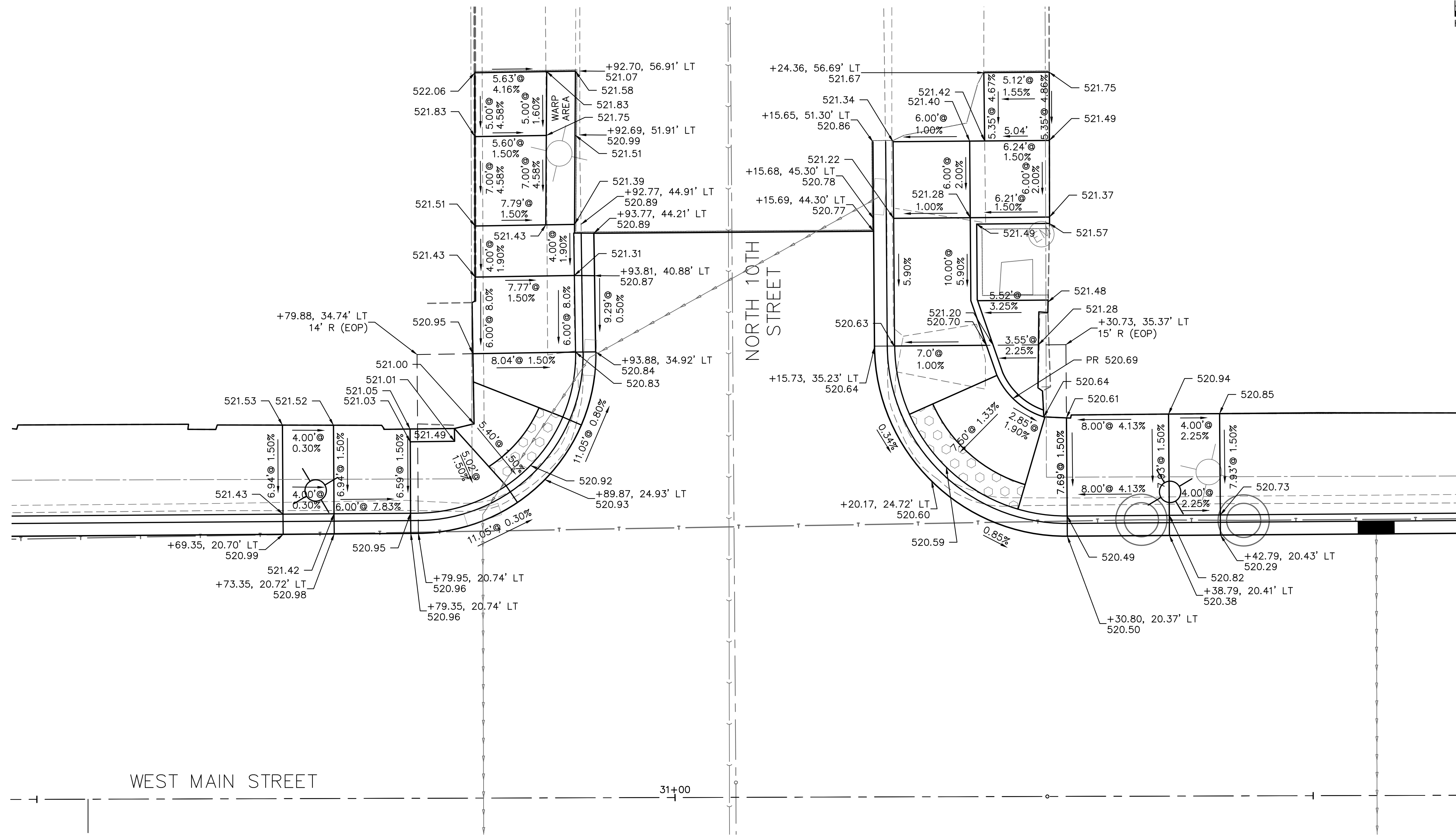
SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET STREETScape
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	35
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 35 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

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LAST PLOTTED: 1/30/2019 2:04 PM OPERATOR: TJH



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SEC. NO. 10-00176-04-SW

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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET STREETScape
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	36
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 36 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

PREPARED BY:

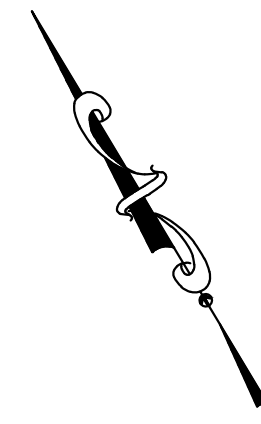
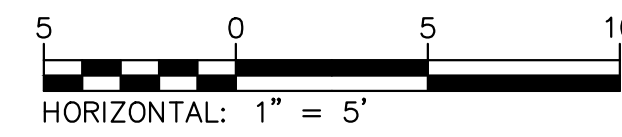
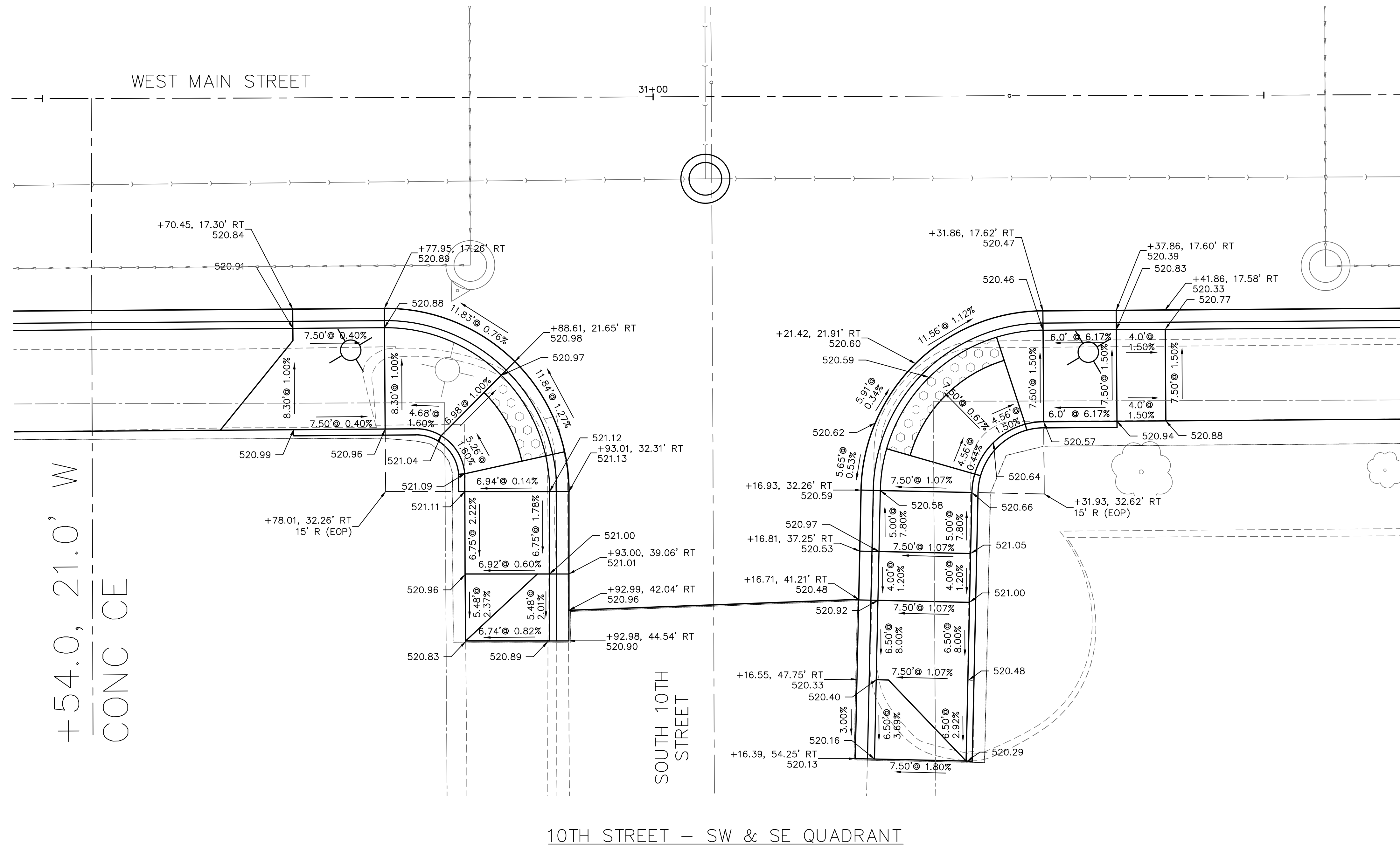
Kaskaskia
Engineering Group, LLC

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Professional Engineering Group

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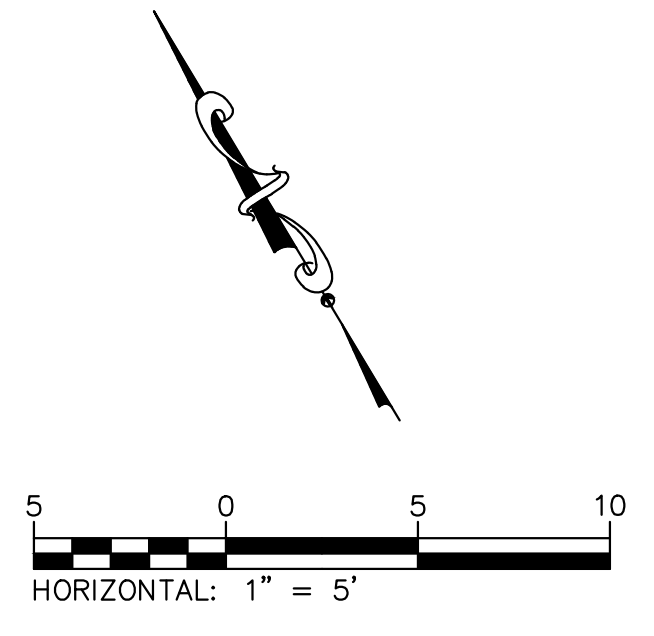
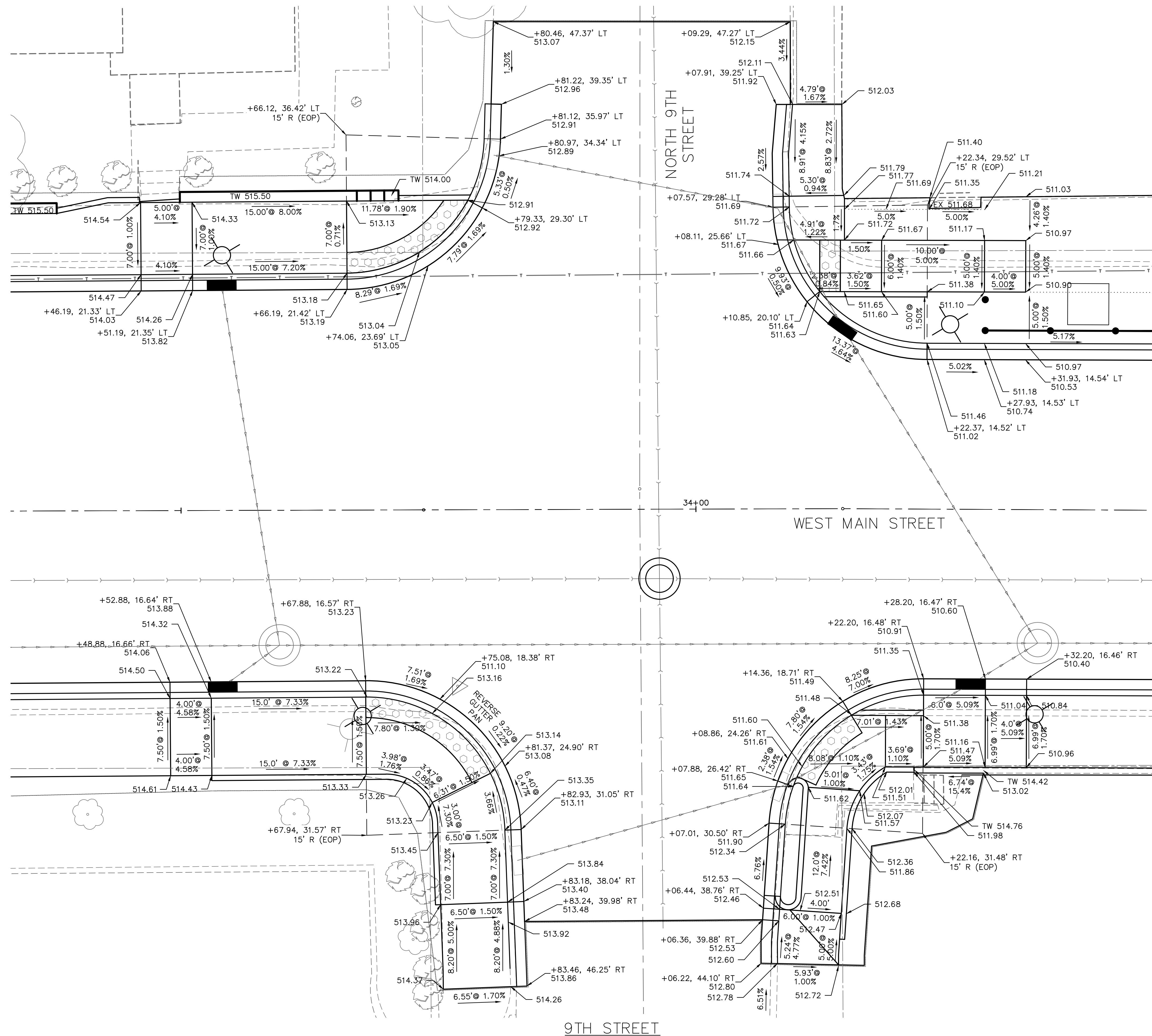
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	37
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 36 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_IntersectionDetails.dwg



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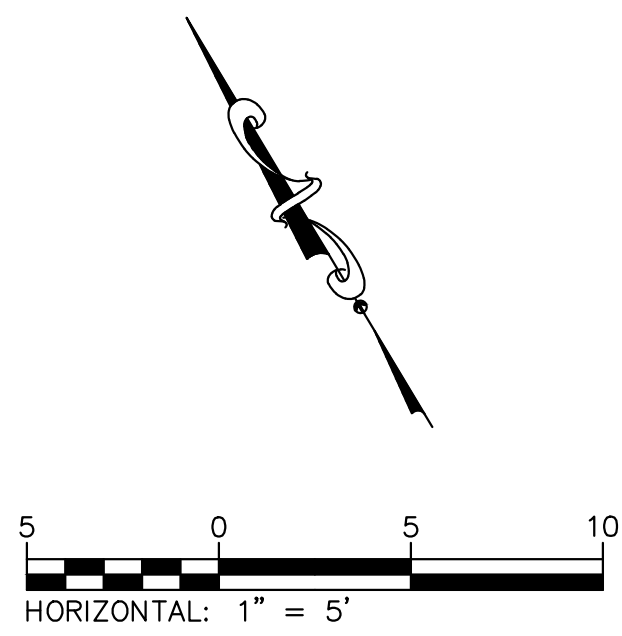
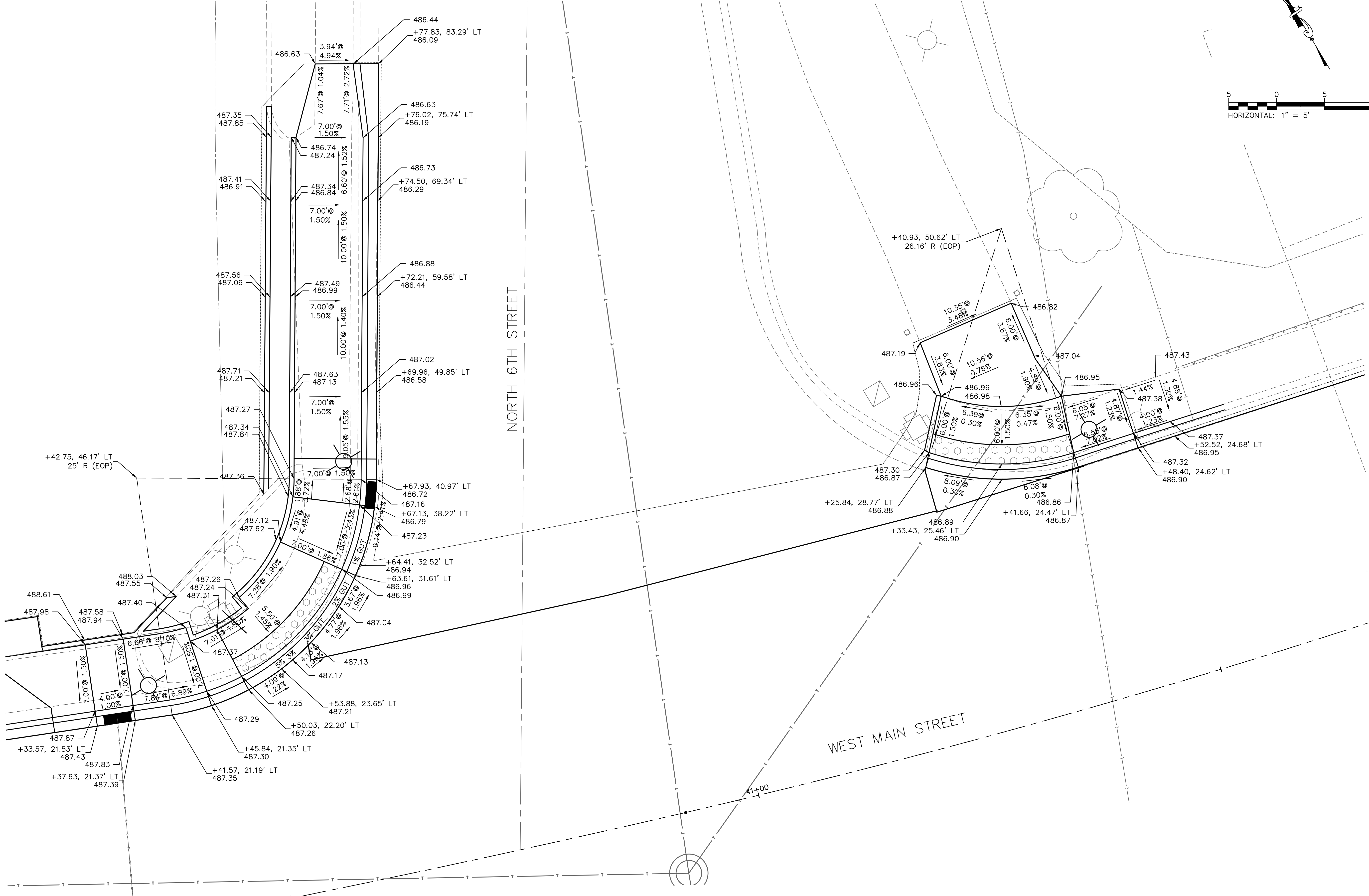
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INTERSECTION DETAILS
 WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	38
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 38 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_IntersectionDetails.dwg



6TH STREET - NE & NW QUAD

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CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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INTERSECTION DETAILS

PROJECT TITLE:
 WEST MAIN STREET STREETScape
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

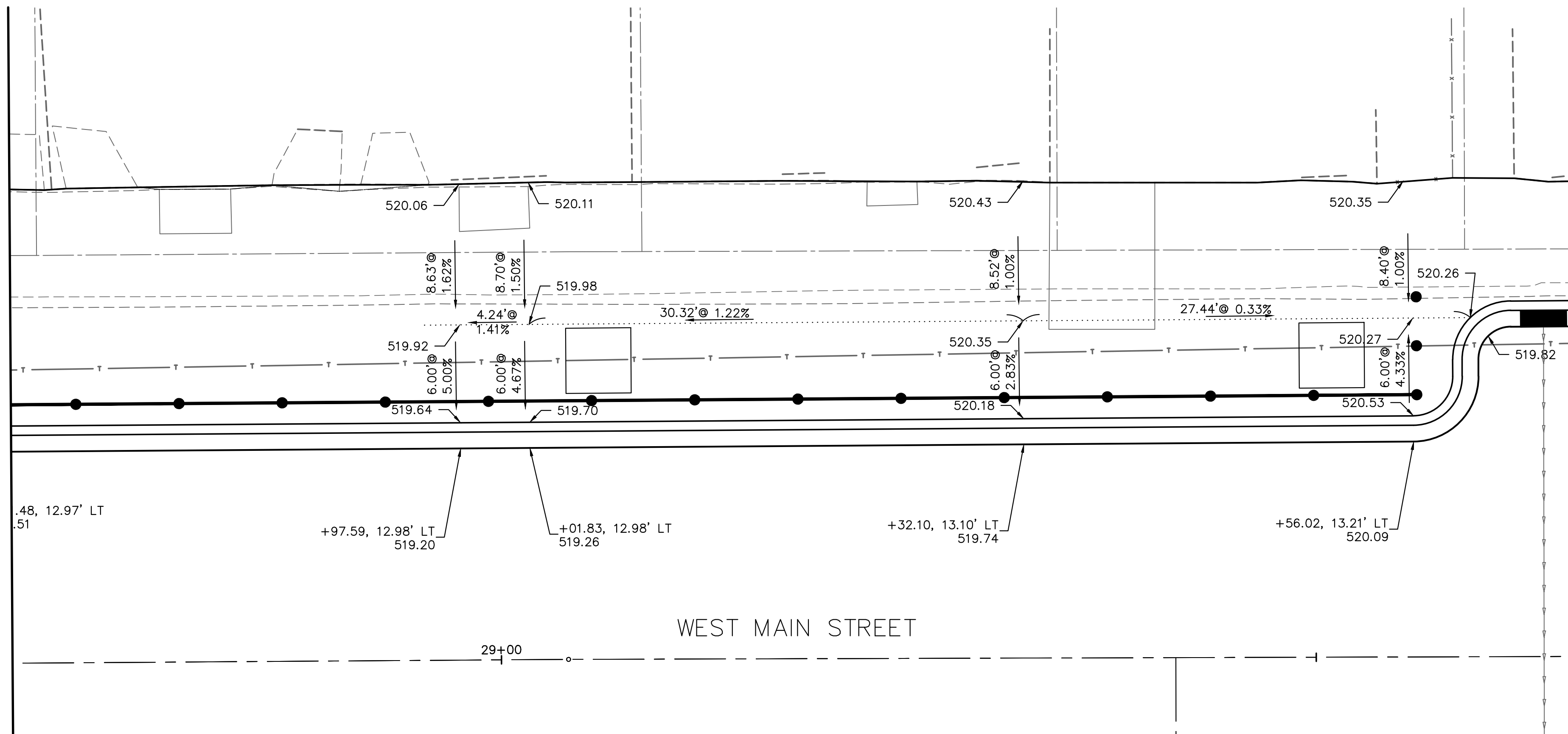
SHEET TITLE:

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	41
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 41 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

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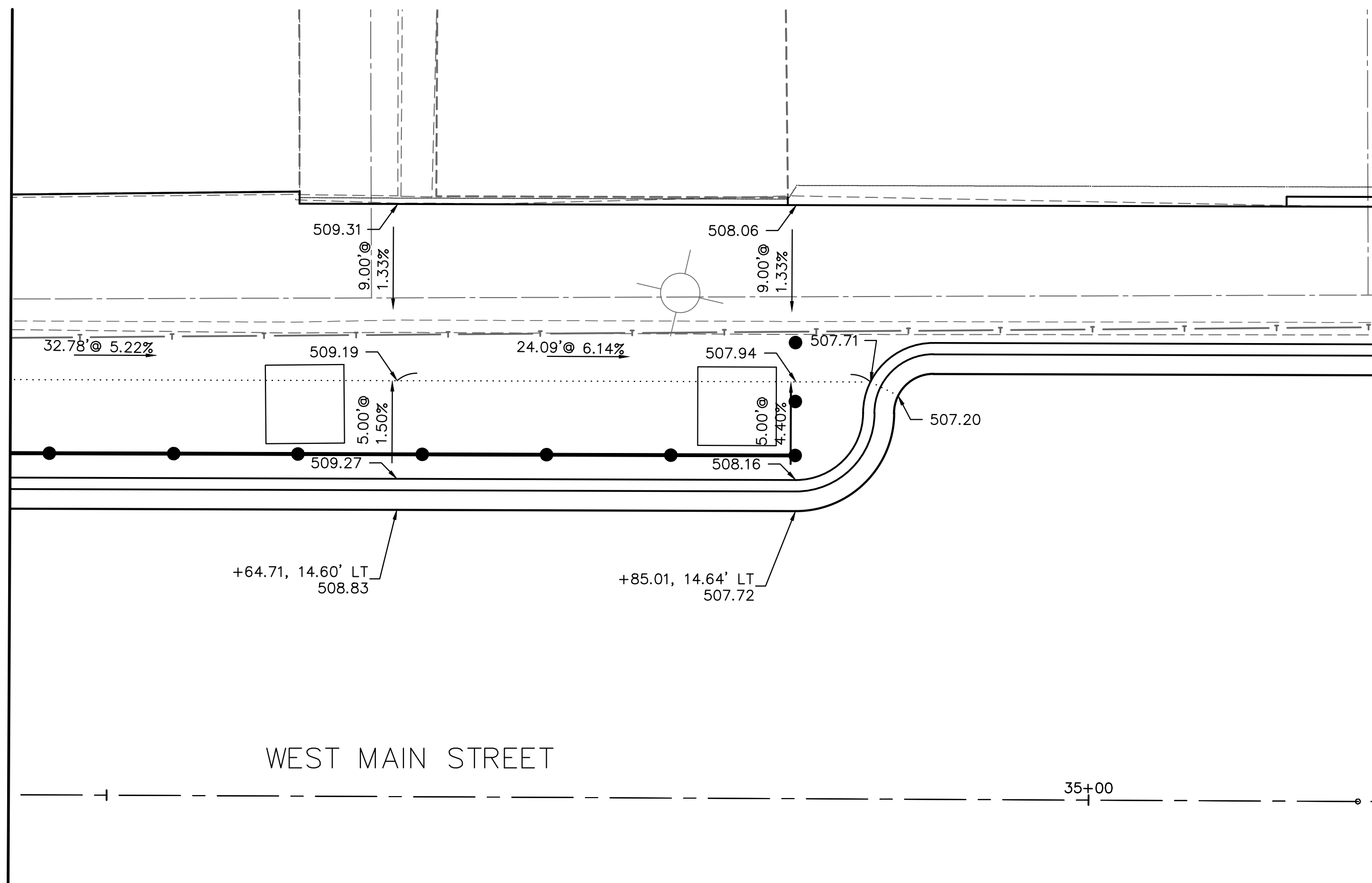
SEE INTERSECTION DETAILS FOR CONTINUATION



WEST MAIN STREET

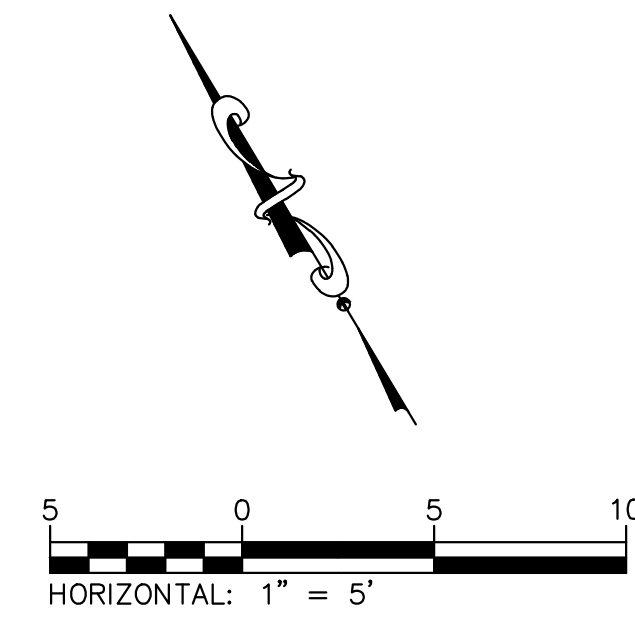
WEST MAIN STREET – BUMP OUT
STA 28+13.91 TO STA 29+60.00

SEE INTERSECTION DETAILS FOR CONTINUATION



WEST MAIN STREET

WEST MAIN STREET – BUMP OUT
STA 33+94.55 TO STA 34+90.00



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CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

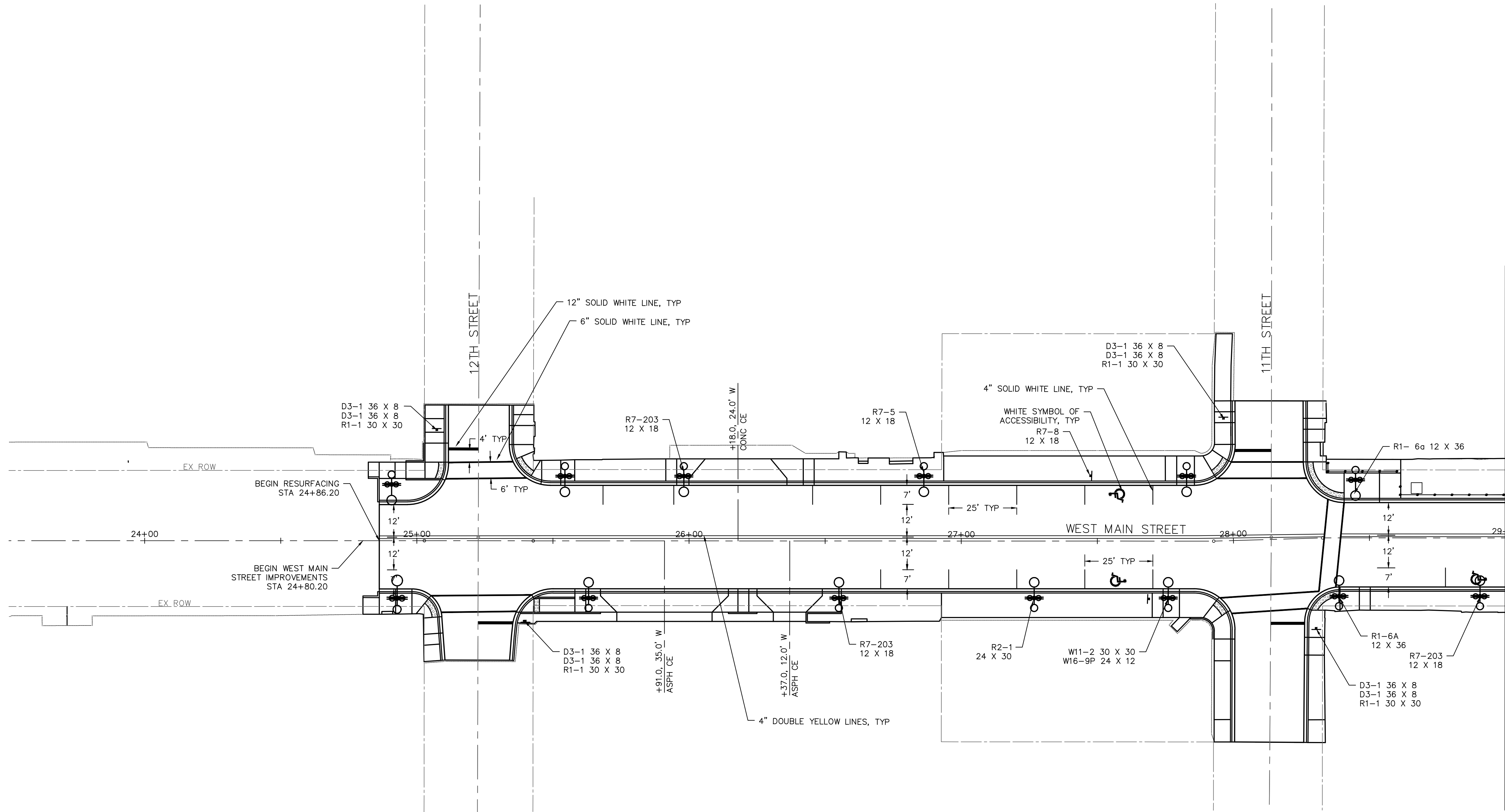
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SHEET TITLE: SIDEWALK BUMP-OUT DETAILS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	
CHECKED BY: LDC	43
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 43 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

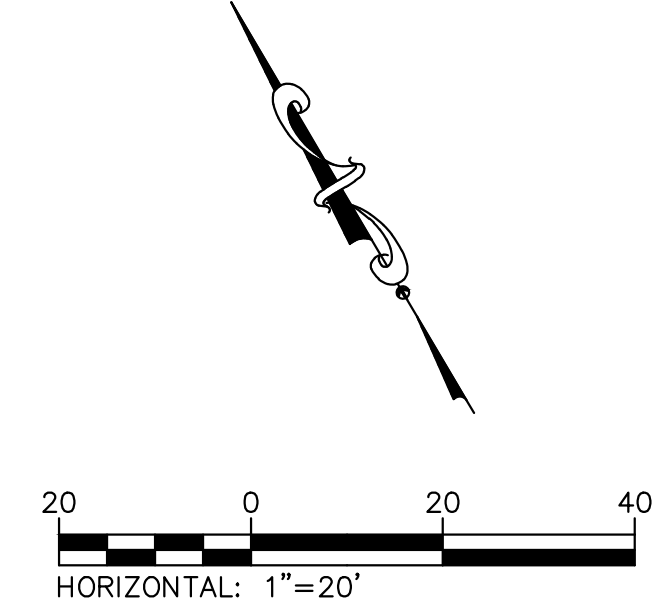
FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD Sheets\Phase 1\11-1010_PMK and Sign.dwg



MATCH LINE 29+00

- NOTES:
- SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 - SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 - 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



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 Belleville, Illinois 62220
 618.233.5877 phone
 618.233.5977 fax
 www.kaskaskiaeng.com

Kaskaskia
 Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

LICENSE NO. 184-004773
 20-5080586

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

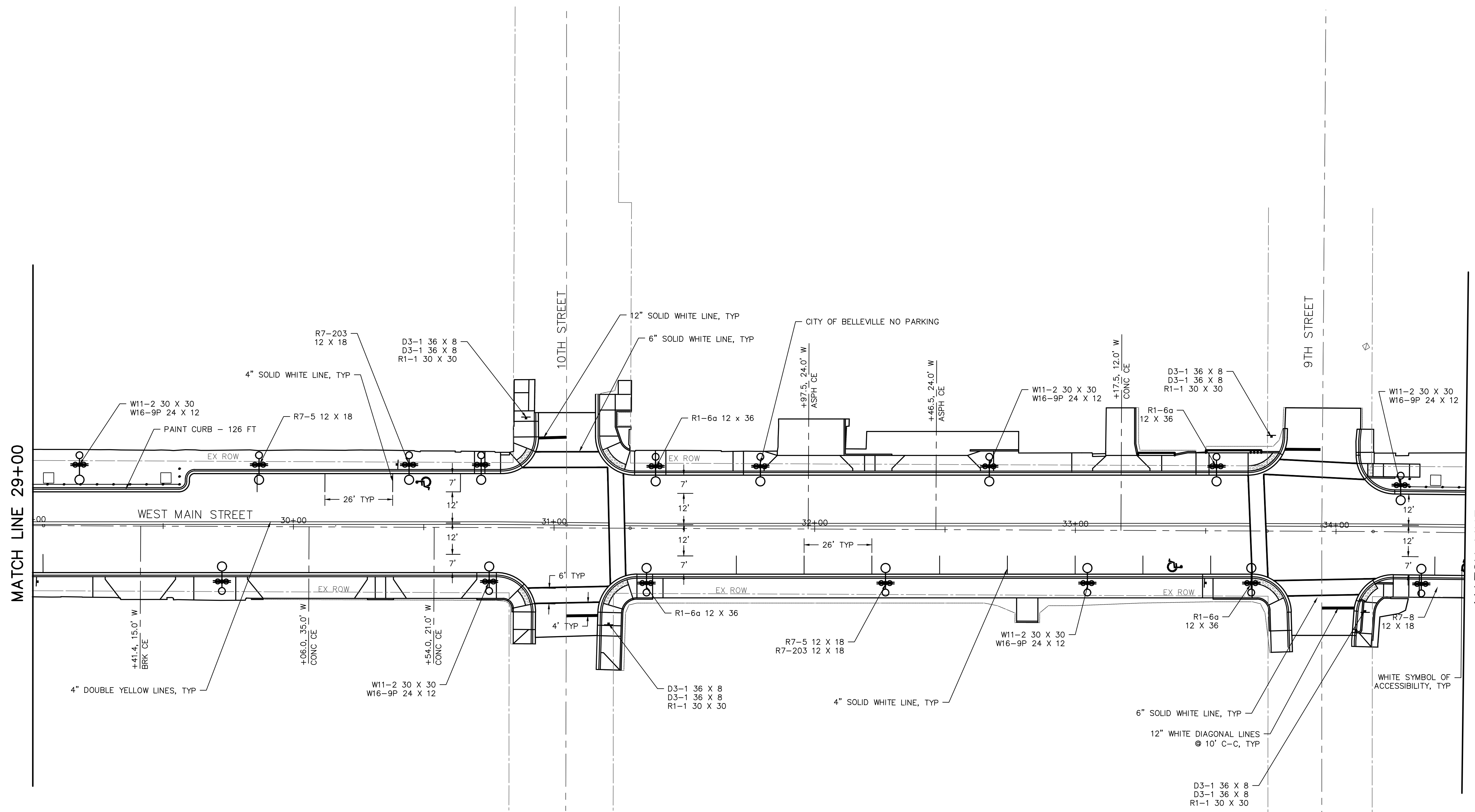
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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

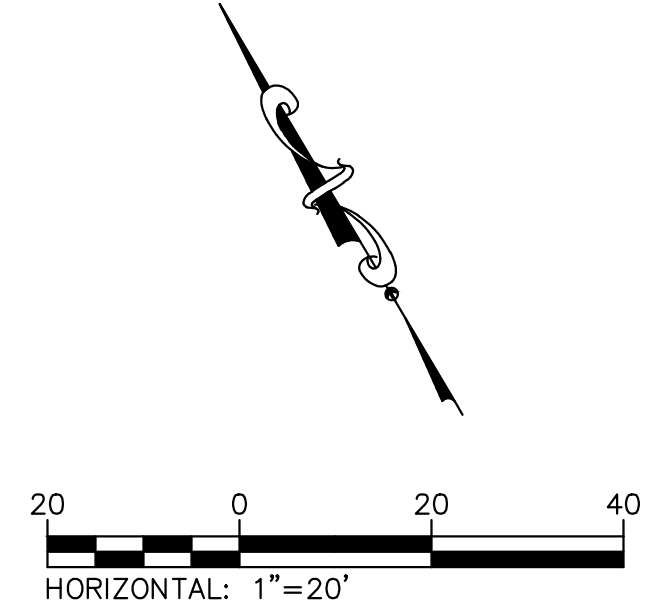
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	44
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 44 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD Sheets\Phase 1\11-1010_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:

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 (618) 628-8090



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 Professional Engineering Group

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

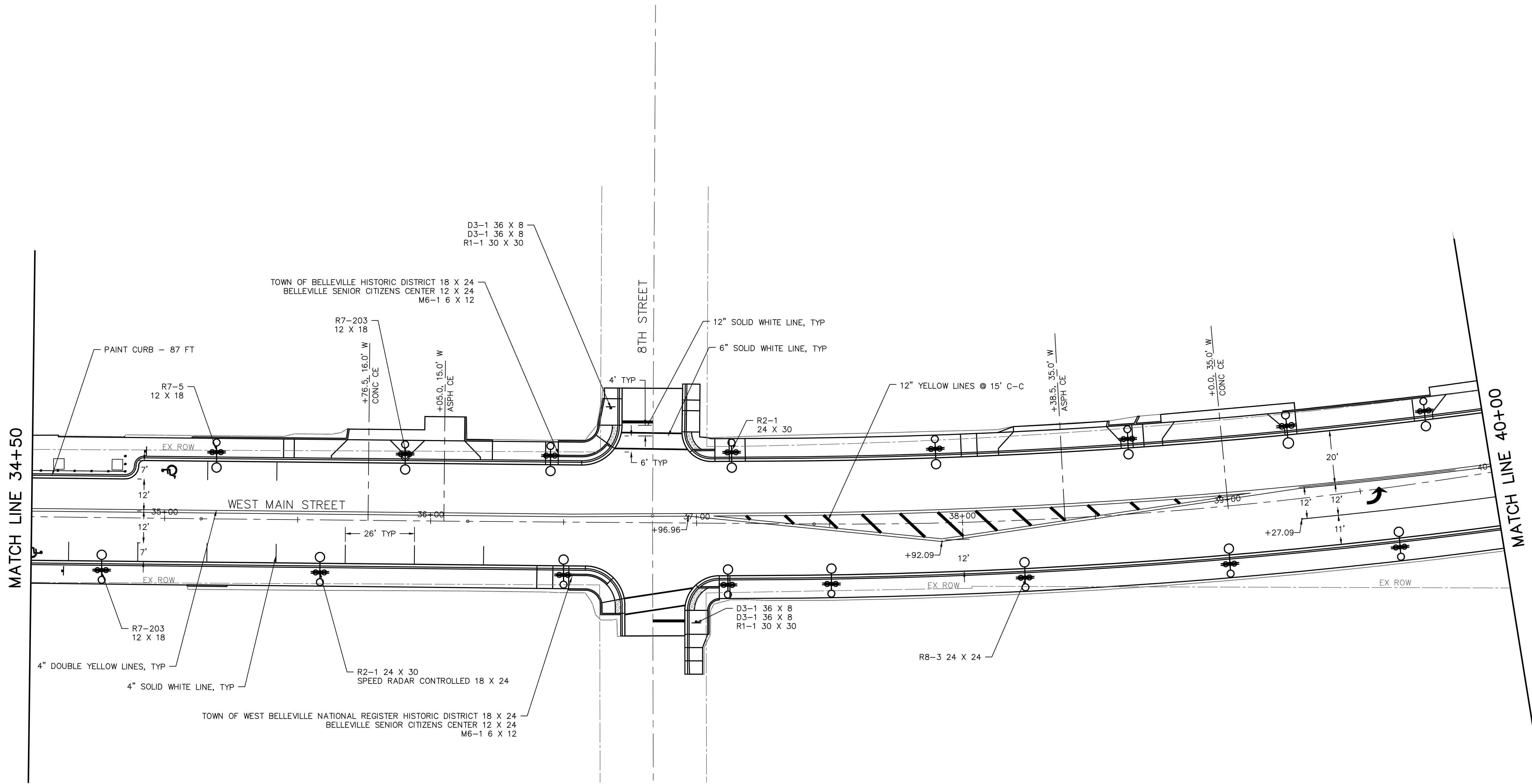
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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

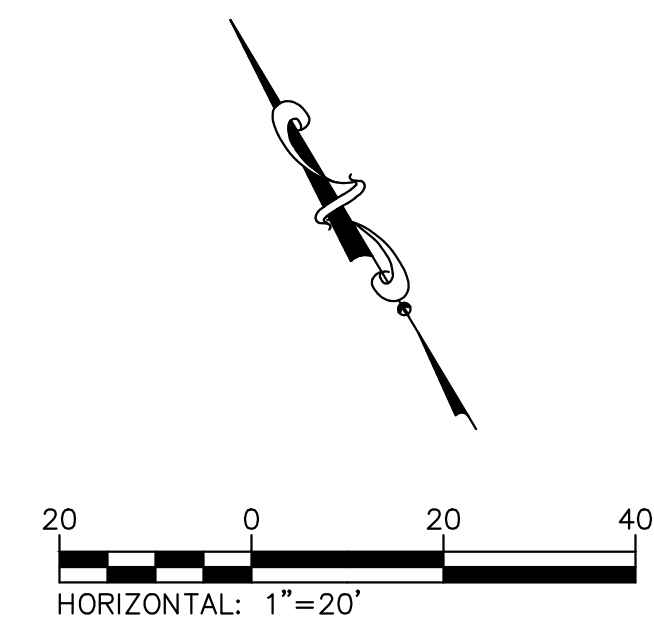
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	45
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 45 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD_Sheets\Phase 1\11-1010_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
 O'FALLON, ILLINOIS 62269
 (618) 628-8090



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LICENSE NO. 184.004773
 20-5080586

CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

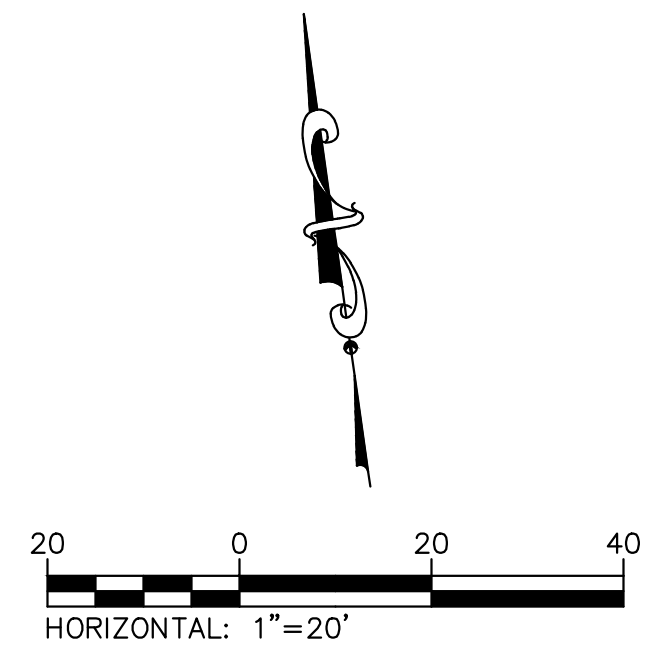
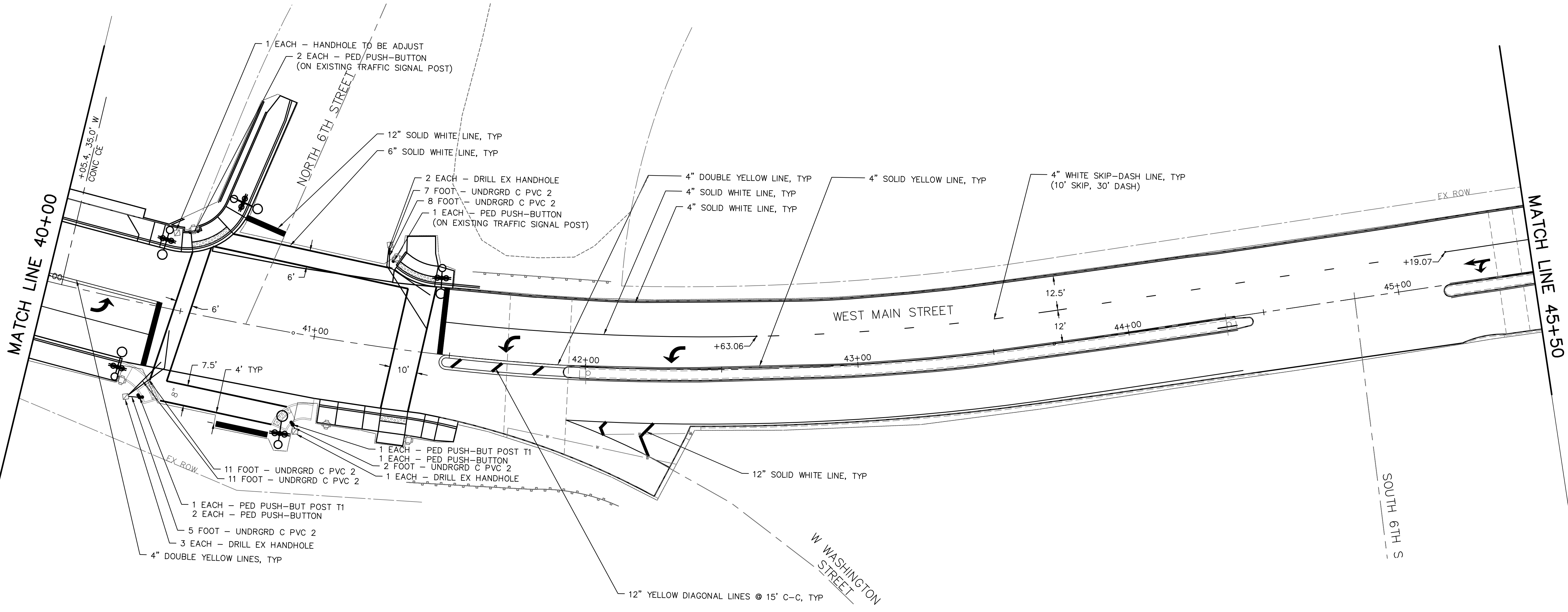
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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLANS

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	46
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 46 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

FILE: P:\11-1010.00 West Main St Streetscape 6th to 17th St\10_CAD\CADD Sheets\Phase 1\11-1010_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:

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 1004 S. LINCOLN AVE, SUITE 1
 O'FALLON, ILLINOIS 62269
 (618) 628-8090

208 East Main Street, Suite 100
 Belleville, Illinois 62220
 618.233.8877 phone
 618.233.9777 fax
 www.kaskaskiaeng.com

LICENSE NO. 184-004773
 20-5080586

PREPARED BY:

Kaskaskia
 Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
 Illinois Professional Design Firm
 Professional Engineering Group

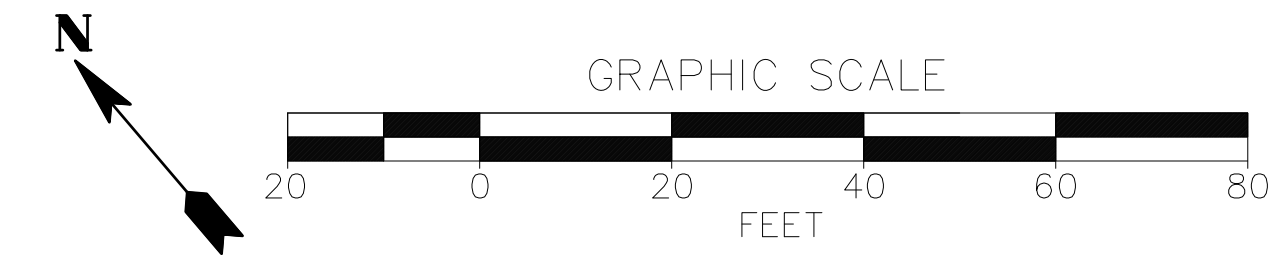
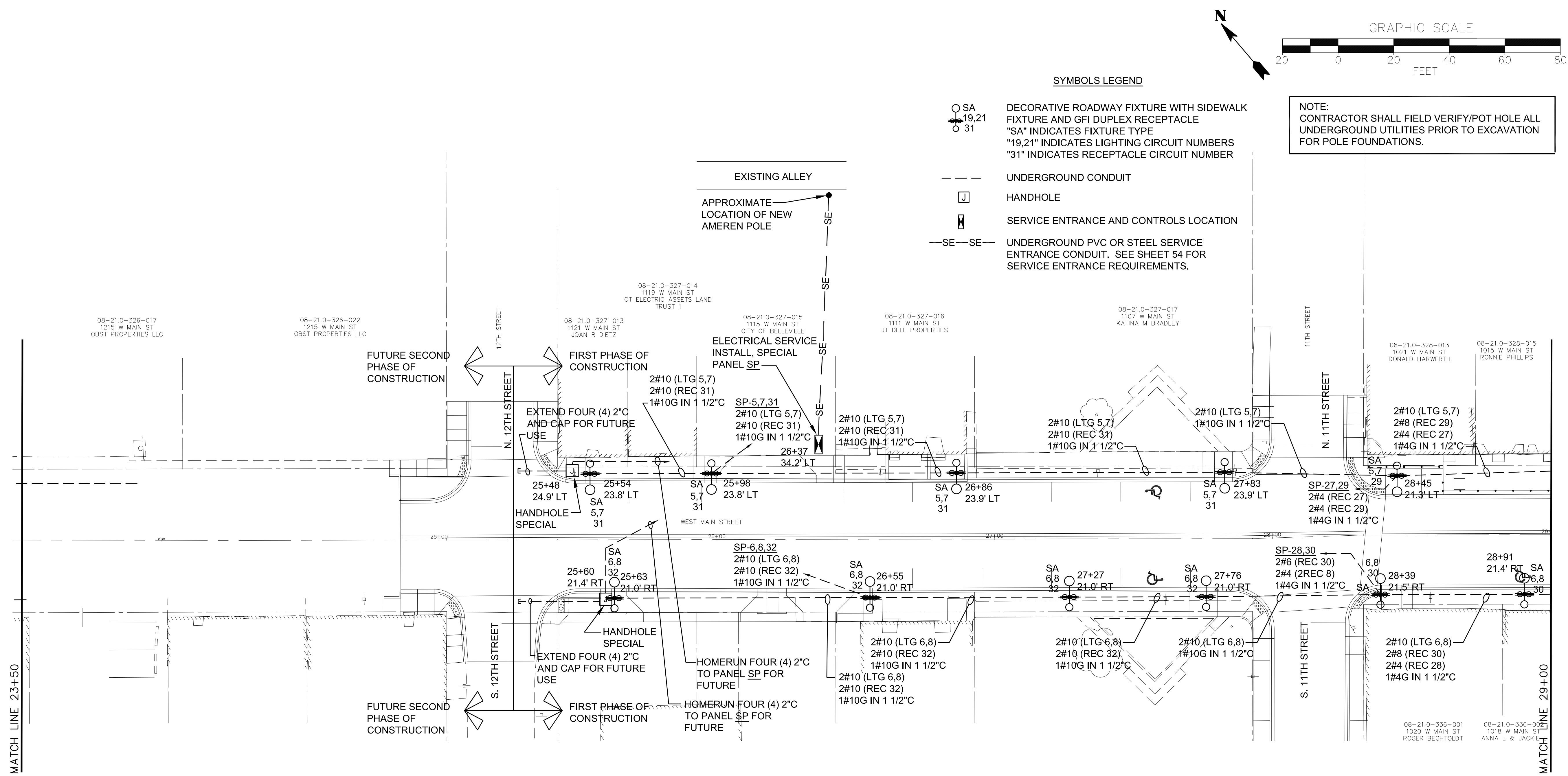
CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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△		
△		
△		

SHEET TITLE: **PAVEMENT MARKING AND SIGNING PLANS**

PROJECT TITLE: **WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	47
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 47 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



SYMBOLS LEGEND

- SA 19,21
○ 31 DECORATIVE ROADWAY FIXTURE WITH SIDEWALK FIXTURE AND GFI DUPLEX RECEPTACLE
"SA" INDICATES FIXTURE TYPE
"19,21" INDICATES LIGHTING CIRCUIT NUMBERS
"31" INDICATES RECEPTACLE CIRCUIT NUMBER
- UNDERGROUND CONDUIT
- HANDHOLE
- ⊞ SERVICE ENTRANCE AND CONTROLS LOCATION
- SE—SE— UNDERGROUND PVC OR STEEL SERVICE ENTRANCE CONDUIT. SEE SHEET 54 FOR SERVICE ENTRANCE REQUIREMENTS.

NOTE:
CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS.

PREPARED BY:

Kaskaskia
Engineering Group, LLC

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Illinois Professional Design Firm
Professional Engineering Group

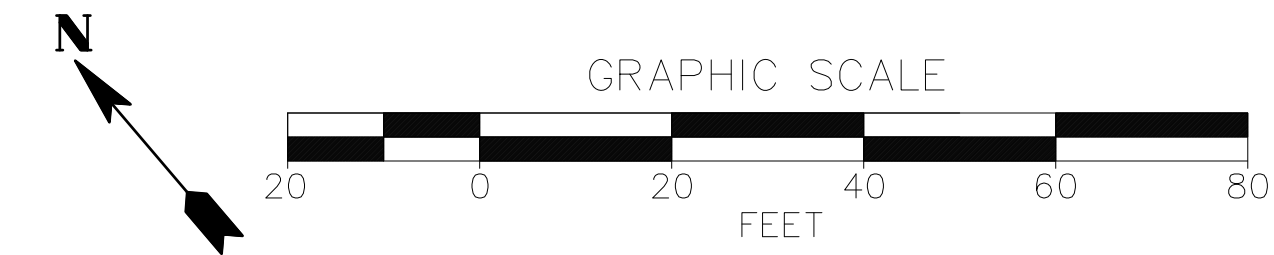
208 East Main Street, Suite 100
Bellaire, Illinois 62220
618.233.5877 phone
618.233.5977 fax
www.kaskaskiang.com

LICENSE NO. 184-004773
20-5080586

SHEET TITLE: LIGHTING PLAN

PROJECT TITLE: WEST MAIN STREET STREETScape
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

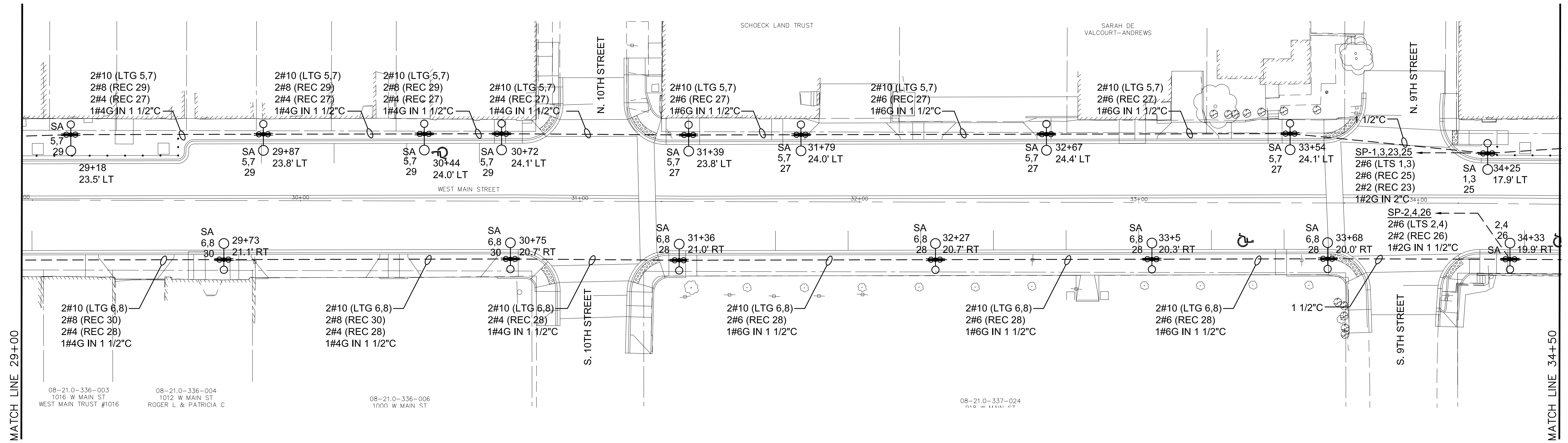
DESIGNED BY:	JEN	SHEET
DRAWN BY:	JEN	49
CHECKED BY:	MDM	
DATE OF PRELIMINARY:	03/14/2018	
DATE OF FINAL:	01/30/2019	
SHEET NO. 49 OF 59 SHEETS		
PROJECT NUMBER	11-1010	



SYMBOLS LEGEND

- SA DECORATIVE ROADWAY FIXTURE WITH SIDEWALK
● 19,21 FIXTURE AND GFI DUPLEX RECEPTACLE
○ 31 "SA" INDICATES FIXTURE TYPE
"19,21" INDICATES LIGHTING CIRCUIT NUMBERS
"31" INDICATES RECEPTACLE CIRCUIT NUMBER
- UNDERGROUND CONDUIT
- HANDHOLE
- ⊞ SERVICE ENTRANCE AND CONTROLS LOCATION
- SE—SE— UNDERGROUND PVC OR STEEL SERVICE ENTRANCE CONDUIT. SEE SHEET 54 FOR SERVICE ENTRANCE REQUIREMENTS.

NOTE:
CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS.



208 East Main Street, Suite 100
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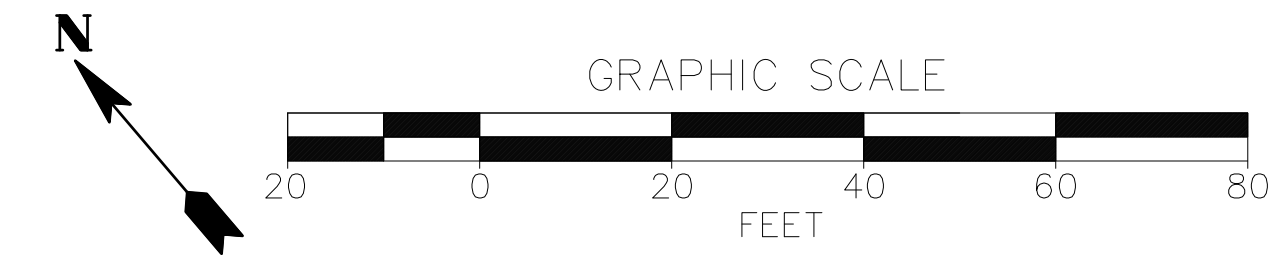
LICENSE NO. 184-004773
20-5080586

PREPARED BY:

LIGHTING PLAN

WEST MAIN STREET STREETScape
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

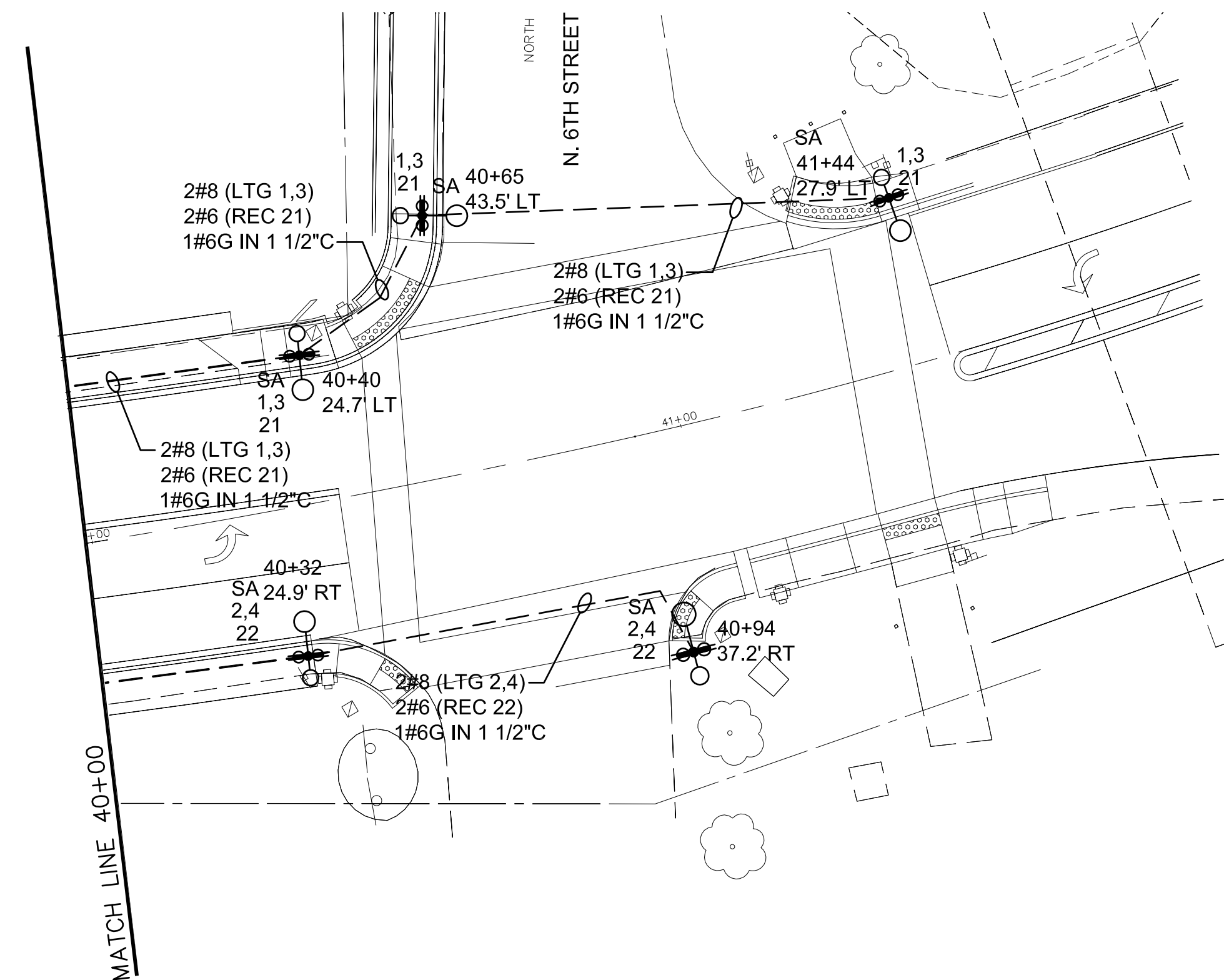
DESIGNED BY:	JEN	SHEET
DRAWN BY:	JEN	50
CHECKED BY:	MDM	
DATE OF PRELIMINARY:	03/14/2018	
DATE OF FINAL:	01/30/2019	
SHEET NO. 50 OF 59 SHEETS		
PROJECT NUMBER	11-1010	



SYMBOLS LEGEND

- SA
● 19,21
○ 31 DECORATIVE ROADWAY FIXTURE WITH SIDEWALK
FIXTURE AND GFI DUPLEX RECEPTACLE
"SA" INDICATES FIXTURE TYPE
"19,21" INDICATES LIGHTING CIRCUIT NUMBERS
"31" INDICATES RECEPTACLE CIRCUIT NUMBER
- UNDERGROUND CONDUIT
- HANDHOLE
- ⊠ SERVICE ENTRANCE AND CONTROLS LOCATION
- SE—SE— UNDERGROUND PVC OR STEEL SERVICE
ENTRANCE CONDUIT. SEE SHEET 54 FOR
SERVICE ENTRANCE REQUIREMENTS.

NOTE:
CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL
UNDERGROUND UTILITIES PRIOR TO EXCAVATION
FOR POLE FOUNDATIONS.



PREPARED BY:

Kaskaskia
Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
ILLINOIS PROFESSIONAL DESIGN FIRM
PROFESSIONAL ENGINEERING GROUP

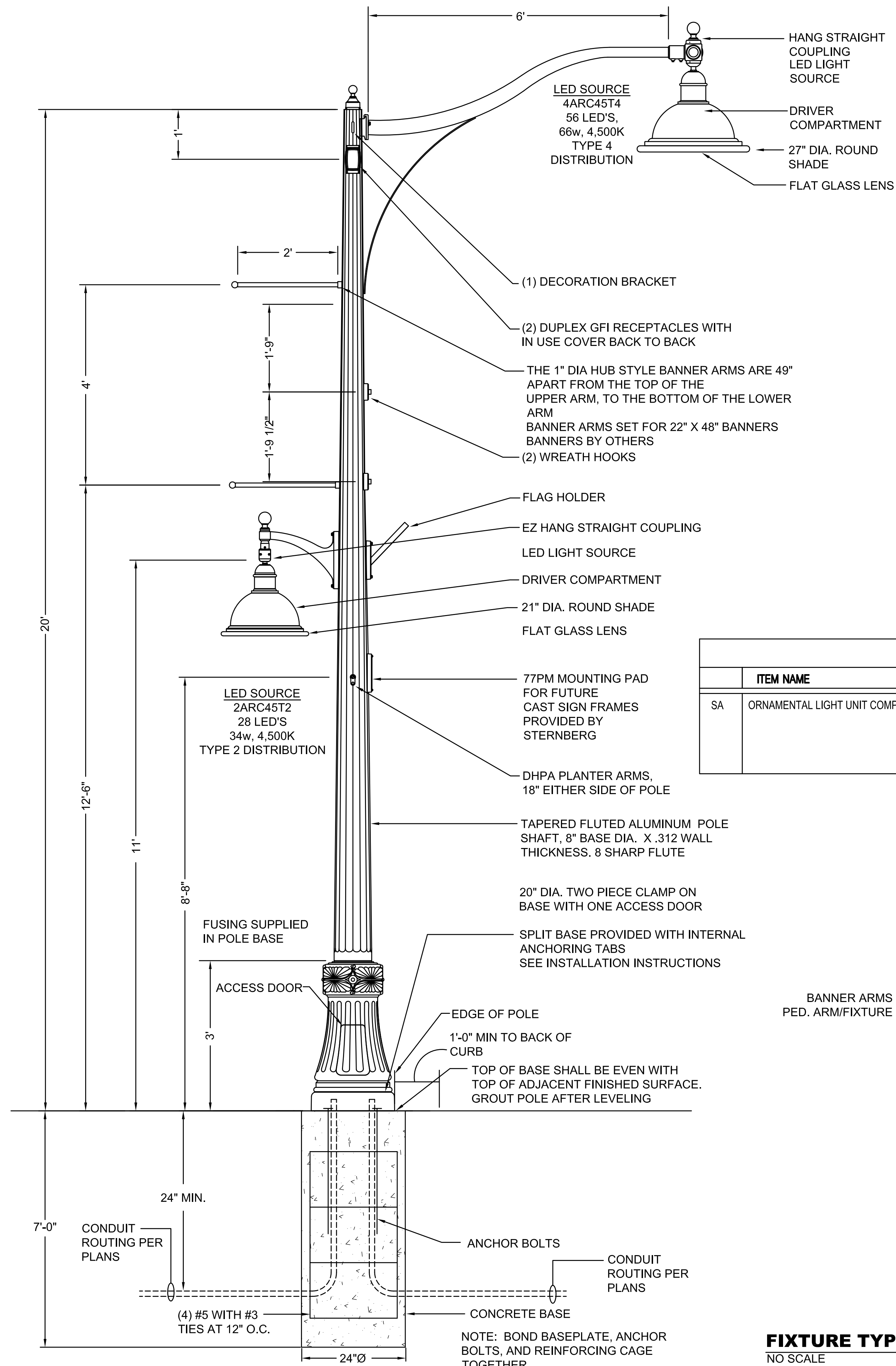
208 East Main Street, Suite 100
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LICENSE NO. 184-004773
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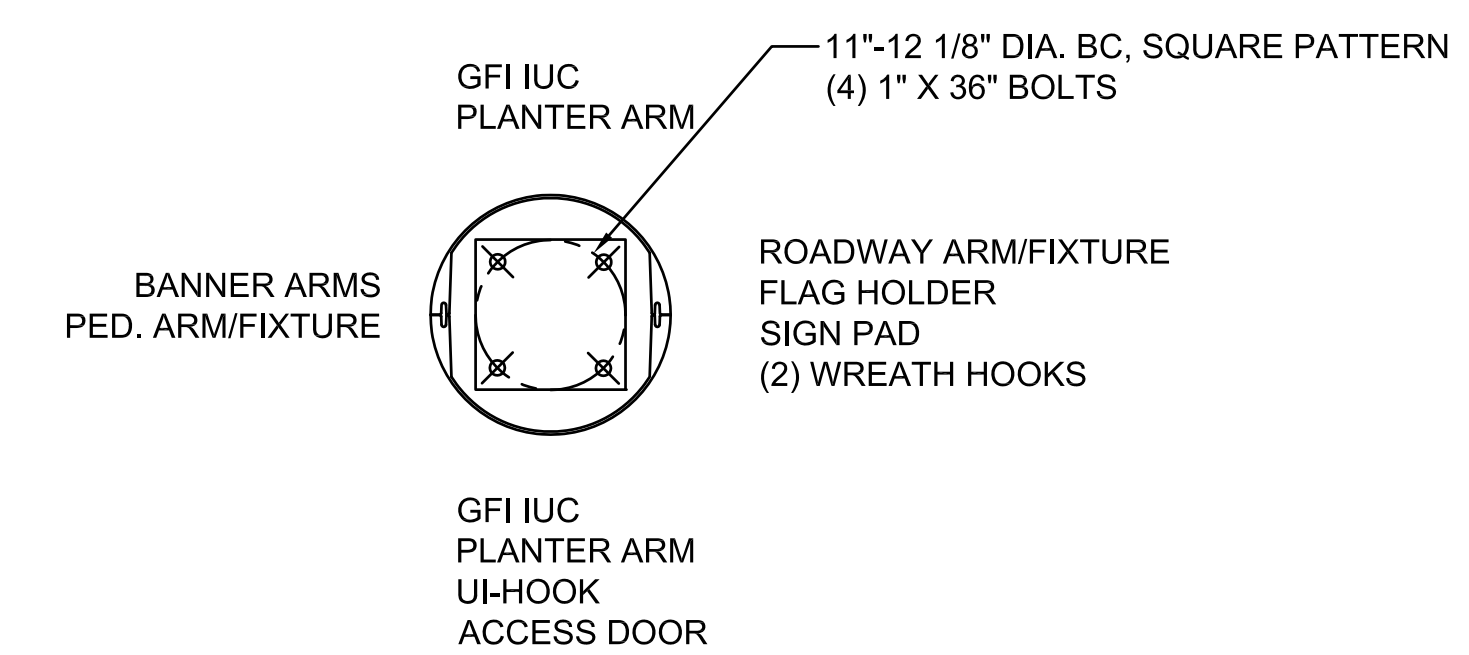
LIGHTING PLAN

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

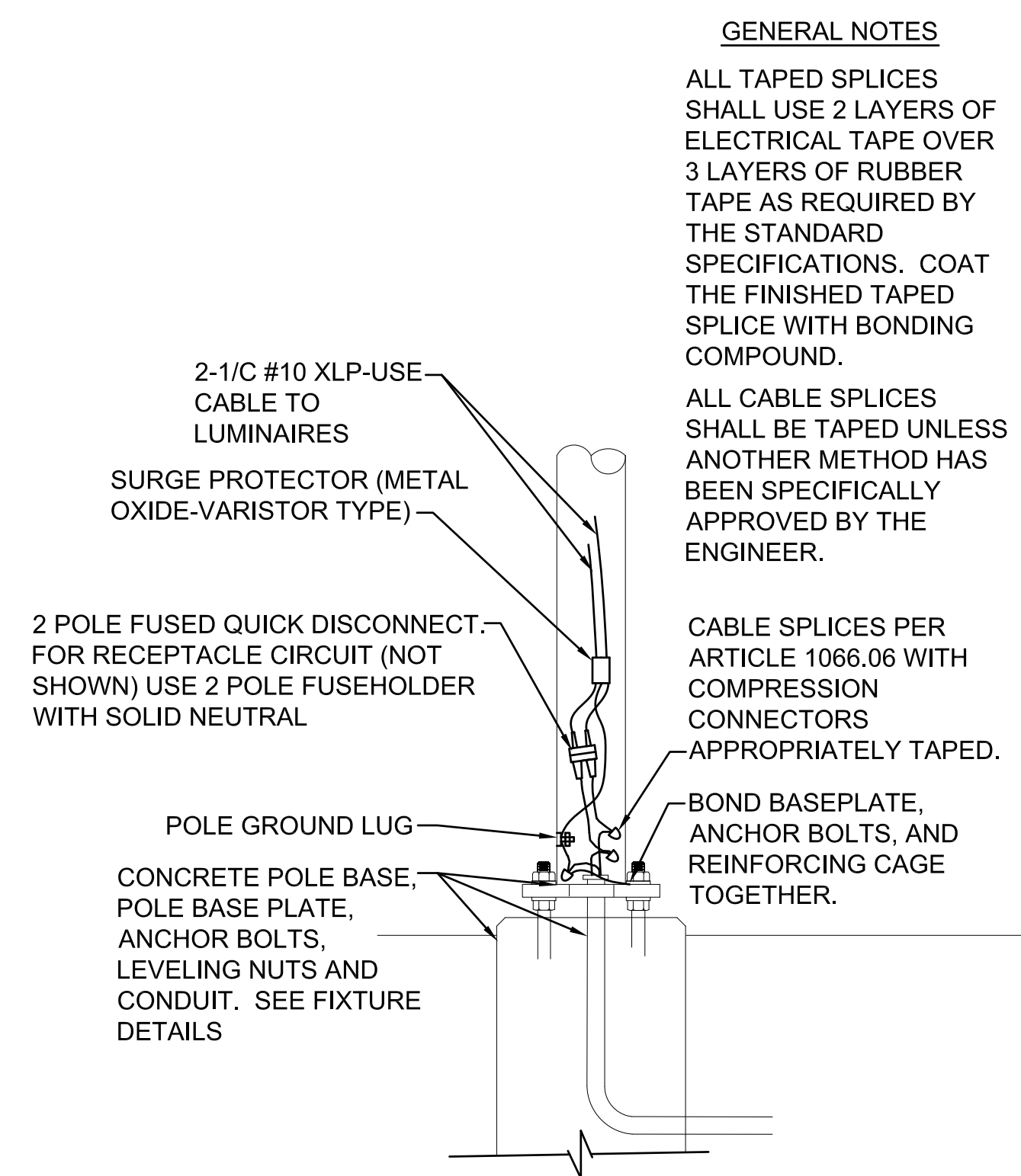
DESIGNED BY:	JEN	SHEET
DRAWN BY:	JEN	52
CHECKED BY:	MDM	
DATE OF PRELIMINARY:	03/14/2018	
DATE OF FINAL:	01/30/2019	
SHEET NO. 52 OF 59 SHEETS		
PROJECT NUMBER 11-1010		



LIGHT FIXTURE SCHEDULE					
	ITEM NAME	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
SA	ORNAMENTAL LIGHT UNIT COMPLETE	240	LED 4ARC T4 (ROADWAY), LED 2 ARC T2 (SIDEWALK) 4500K	DECORATIVE POLE	DECORATIVE STREETSCAPE FIXTURE WITH SINGLE ROADWAY FIXTURE WITH HANG-STRAIGHT FITTER ON DECORATIVE ARM, SINGLE SIDEWALK FIXTURE ON DECORATIVE ARM, DUAL BANNER ARMS, GFI DUPLEX OUTLETS WITH IN-USE COVERS, WREATH HOLDER, FLAG POLE HOLDER, HANGING BASKET BRACKETS, SIGN BRACKET. FIXTURES SHALL BE INDIVIDUALLY FUSED. FINISH FOR ALL SHALL BE TEXTURED BLACK.



FIXTURE TYPE SA POLE INSTALLATION DETAIL
NO SCALE



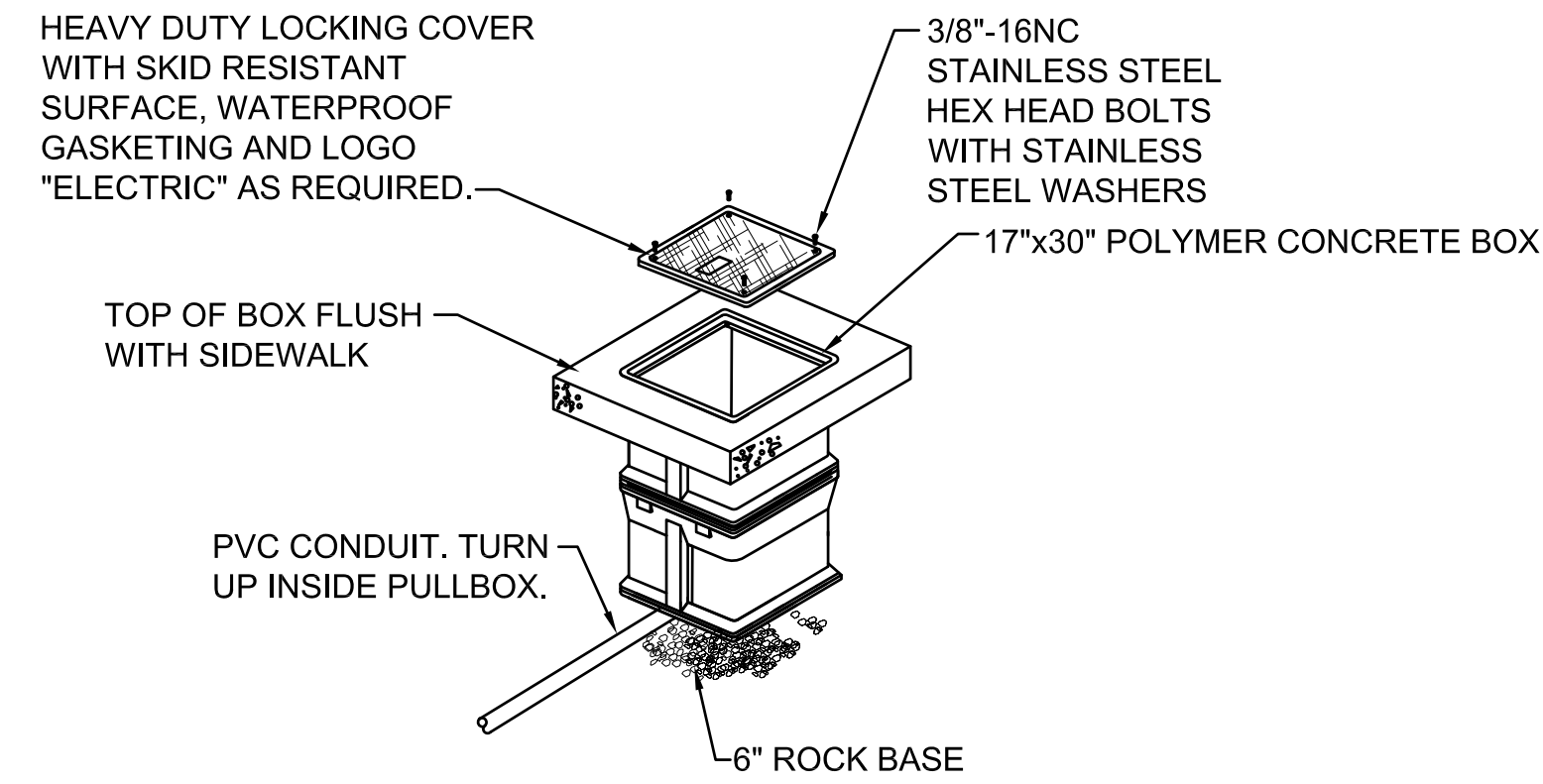
TYPICAL FIXTURE WIRING DETAIL
NOT TO SCALE

GENERAL NOTES
ALL TAPED SPLICES SHALL USE 2 LAYERS OF ELECTRICAL TAPE OVER 3 LAYERS OF RUBBER TAPE AS REQUIRED BY THE STANDARD SPECIFICATIONS. COAT THE FINISHED TAPED SPLICE WITH BONDING COMPOUND.
ALL CABLE SPLICES SHALL BE TAPED UNLESS ANOTHER METHOD HAS BEEN SPECIFICALLY APPROVED BY THE ENGINEER.
CABLE SPLICES PER ARTICLE 1066.06 WITH COMPRESSION CONNECTORS APPROPRIATELY TAPED.
BOND BASEPLATE, ANCHOR BOLTS, AND REINFORCING CAGE TOGETHER.

PREPARED BY: **Kaskaskia Engineering Group, LLC**
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 Belleville, Illinois 62220
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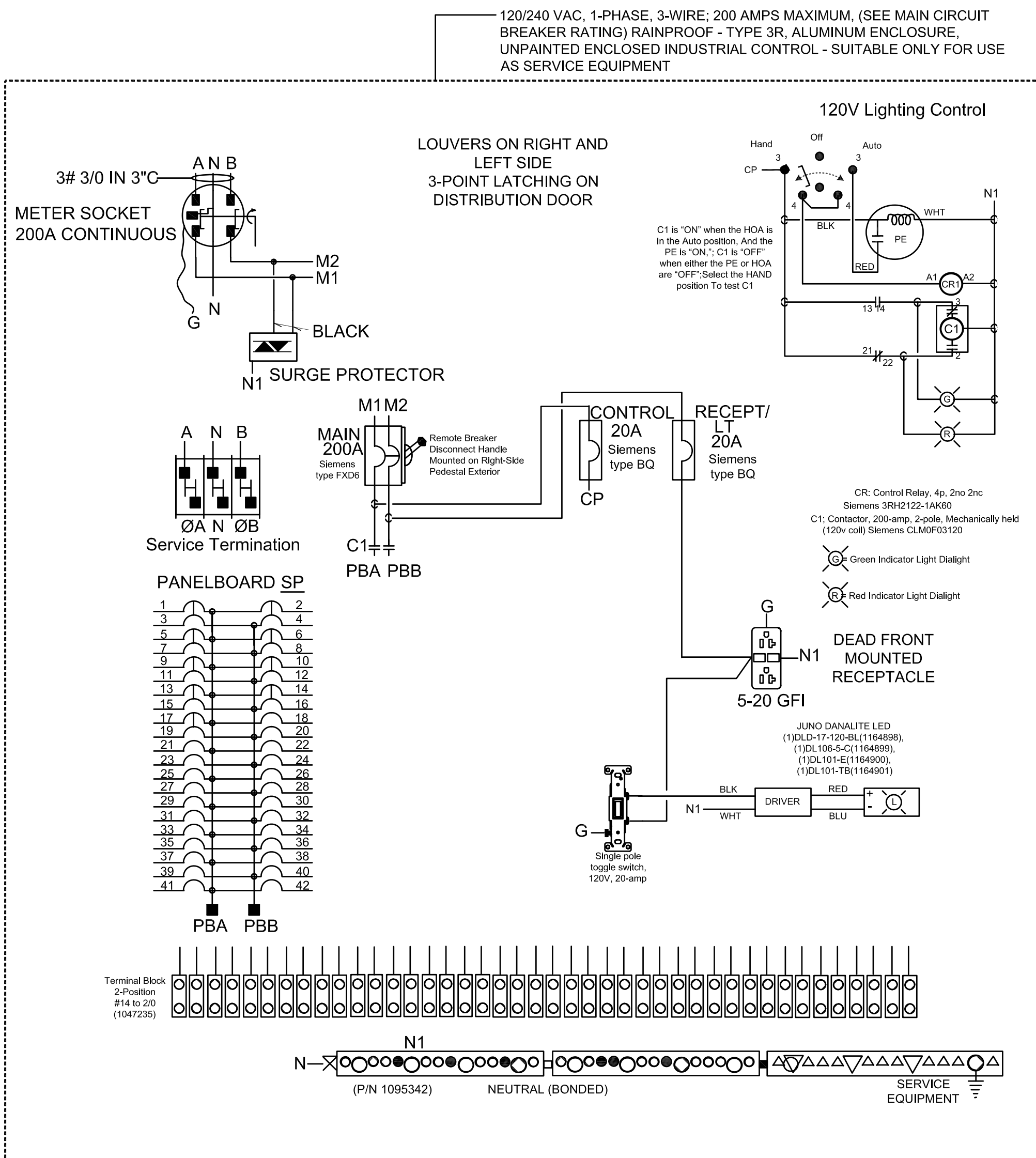
SHEET TITLE: **LIGHTING PLAN**
 PROJECT TITLE: **WEST MAIN STREET STREETSCAPE (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JEN	SHEET
DRAWN BY: JEN	53
CHECKED BY: MDM	
DATE OF PRELIMINARY: 03/14/2018	
DATE OF FINAL: 01/30/2019	
SHEET NO. 53 OF 59 SHEETS	
PROJECT NUMBER 11-1010	

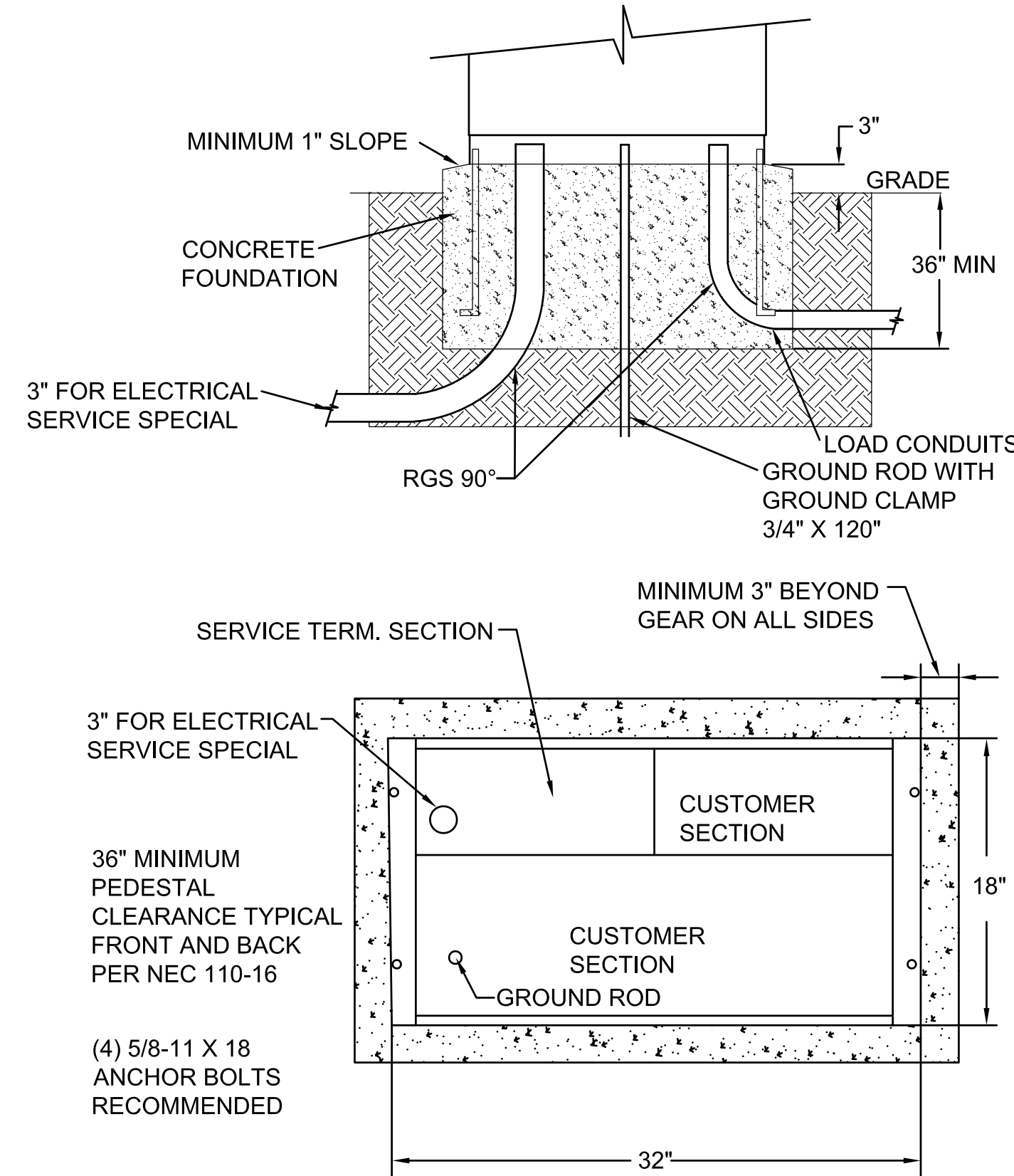


HANDHOLE SPECIAL DETAIL
NOT TO SCALE

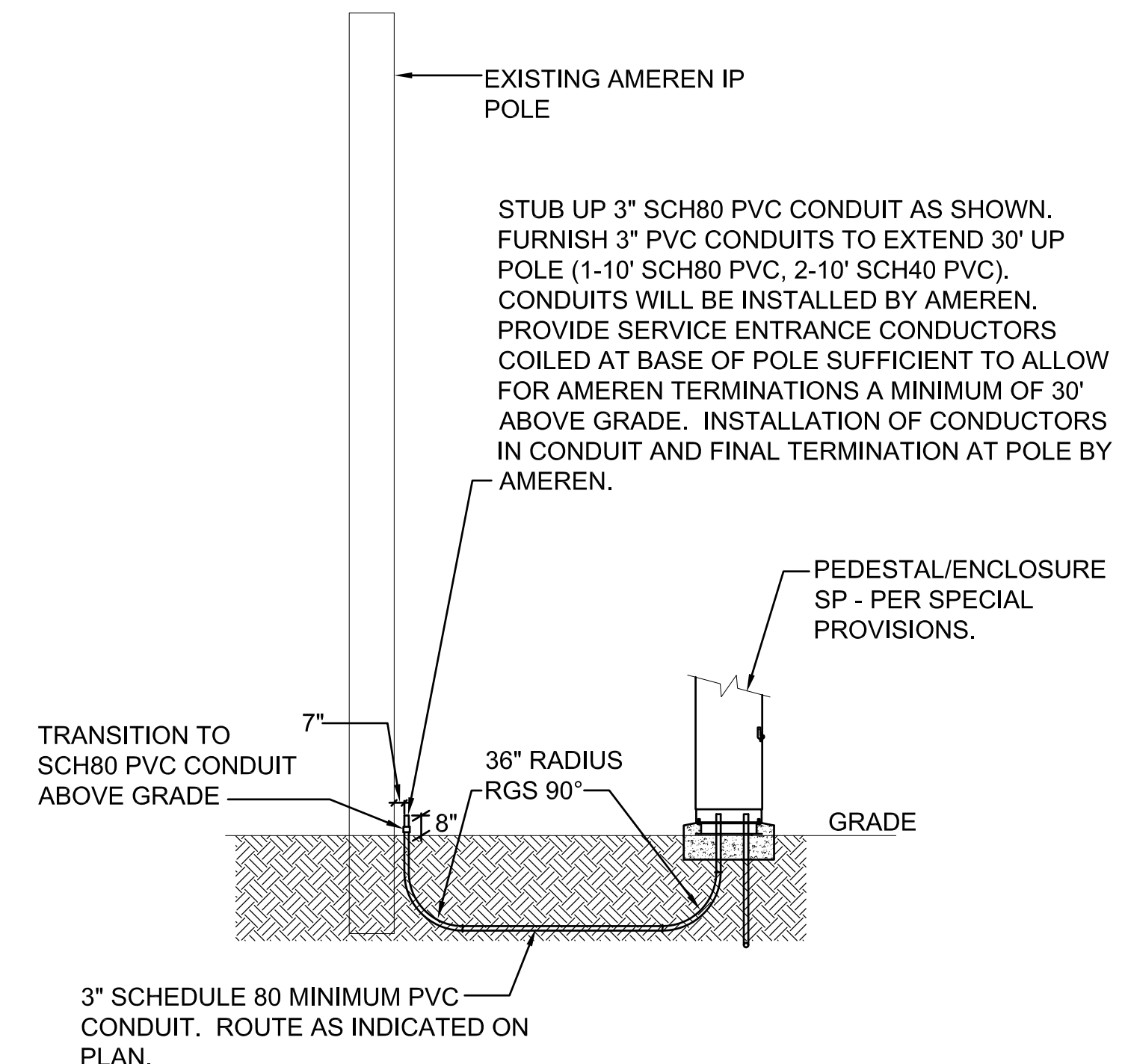
PANEL NO: SP		6,430 AIC									
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
605	STREETSCAPE LIGHTING - NORTH SIDE - PH 1	20A/2P	1	A	2	20A/2P	STREETSCAPE LIGHTING - SOUTH SIDE - PH 1	555			
605			3	B	4			555			
656	STREETSCAPE LIGHTING - NORTH SIDE - PH 1	20A/2P	5	A	6	20A/2P	STREETSCAPE LIGHTING - SOUTH SIDE - PH 1	605			
656			7	B	8			605			
FUTURE 706	STREETSCAPE LIGHTING - NORTH SIDE - PH 2	20A/2P	9	A	10	20A/2P	STREETSCAPE LIGHTING - SOUTH SIDE - PH 2	FUTURE 656			
FUTURE 706			11	B	12			FUTURE 656			
FUTURE 454	STREETSCAPE LIGHTING - NORTH SIDE - PH 2	20A/2P	13	A	14	20A/2P	STREETSCAPE LIGHTING - SOUTH SIDE - PH 2	FUTURE 404			
FUTURE 454			15	B	16			FUTURE 404			
0	SPARE	20A/2P	17	A	18	20A/1P	SPARE	0			
0			19	B	20			0			
1440	CHRISTMAS RECPTS PH 1	20A/1P	21	A	22	20A/1P	CHRISTMAS RECPTS PH 1	1080			
1440	CHRISTMAS RECPTS PH 1	20A/1P	23	B	24	20A/1P	CHRISTMAS RECPTS PH 1	1440			
1440	CHRISTMAS RECPTS PH 1	20A/1P	25	A	26	20A/1P	CHRISTMAS RECPTS PH 1	1440			
1440	CHRISTMAS RECPTS PH 1	20A/1P	27	B	28	20A/1P	CHRISTMAS RECPTS PH 1	1440			
1800	CHRISTMAS RECPTS PH 1	20A/1P	29	A	30	20A/1P	CHRISTMAS RECPTS PH 1	1440			
1440	CHRISTMAS RECPTS PH 1	20A/1P	31	B	32	20A/1P	CHRISTMAS RECPTS PH 1	1440			
FUTURE 1800	CHRISTMAS RECPTS PH 2	20A/1P	33	A	34	20A/1P	CHRISTMAS RECPTS PH 2	FUTURE 1440			
FUTURE 1440	CHRISTMAS RECPTS PH 2	20A/1P	35	B	36	20A/1P	CHRISTMAS RECPTS PH 2	FUTURE 1440			
FUTURE 1800	CHRISTMAS RECPTS PH 2	20A/1P	37	A	38	20A/1P	CHRISTMAS RECPTS PH 2	FUTURE 1800			
FUTURE 1800	CHRISTMAS RECPTS PH 2	20A/1P	39	B	40	20A/1P	CHRISTMAS RECPTS PH 2	FUTURE 1440			
FUTURE 1440	CHRISTMAS RECPTS PH 2	20A/1P	41	A	42	20A/1P	CHRISTMAS RECPTS PH 2	FUTURE 1440			
PHASE		A		B		TOTALS		VOLTS: 120/240V, 1Ø, 3W			
VOLTAMPS		23001		19401		42401					
MAINS:		200 AMP MAIN BREAKER		POLES: 42 POSITIONS		MOUNTING: IN PEDESTAL					



ELECTRIC SERVICE INSTALLATION, SPECIAL WIRING DIAGRAM
NO SCALE STA 26+02 32.8' LT



PEDESTAL BASE DETAIL
NO SCALE STA 26+02 32.8' LT



ELECTRIC SERVICE INSTALLATION
NO SCALE

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

Kaskaskia
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Illinois Professional Design Firm
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LICENSE NO. 184-004773
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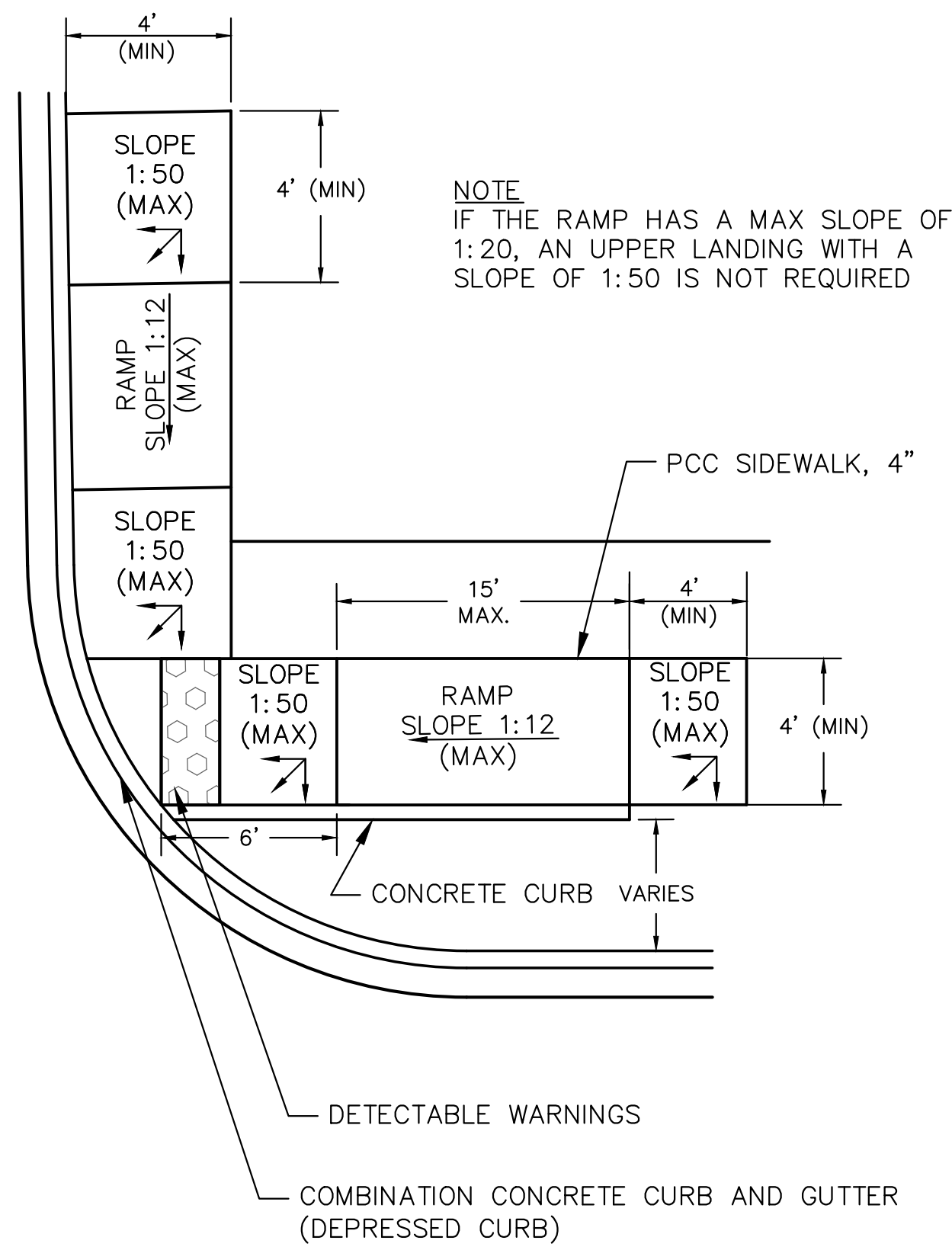
PREPARED BY:

LIGHTING PLAN

PROJECT TITLE: WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

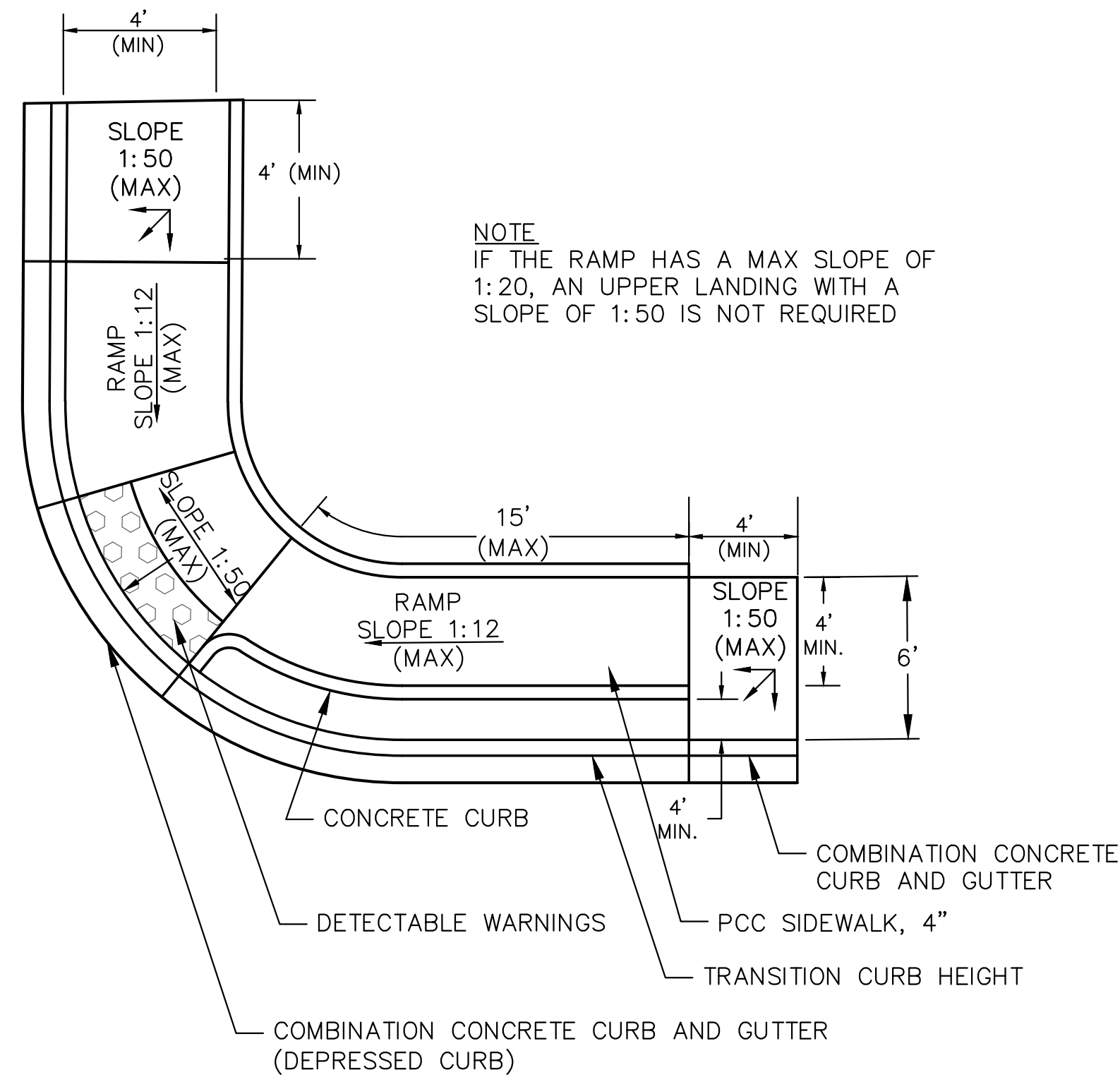
SHEET NO. 54 OF 59 SHEETS

DESIGNED BY: JEN
DRAWN BY: JEN
CHECKED BY: MDM
DATE OF PRELIMINARY: 03/14/2018
DATE OF FINAL: 01/30/2019
PROJECT NUMBER 11-1010



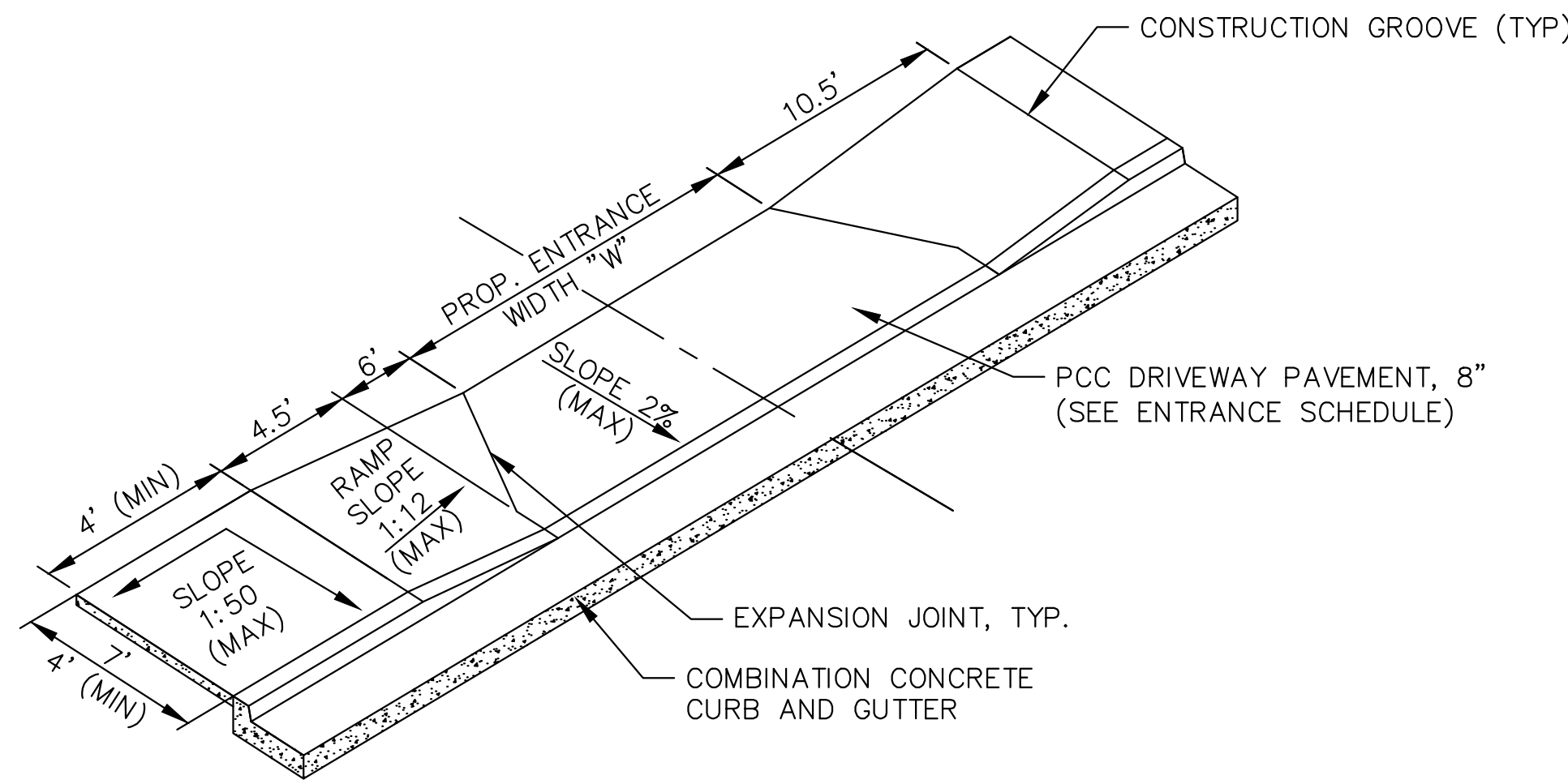
RAMP DETAIL

9TH STREET AND WEST MAIN STREET (NE QUAD)
8TH STREET AND WEST MAIN STREET (NE & SE QUAD)
NOT TO SCALE



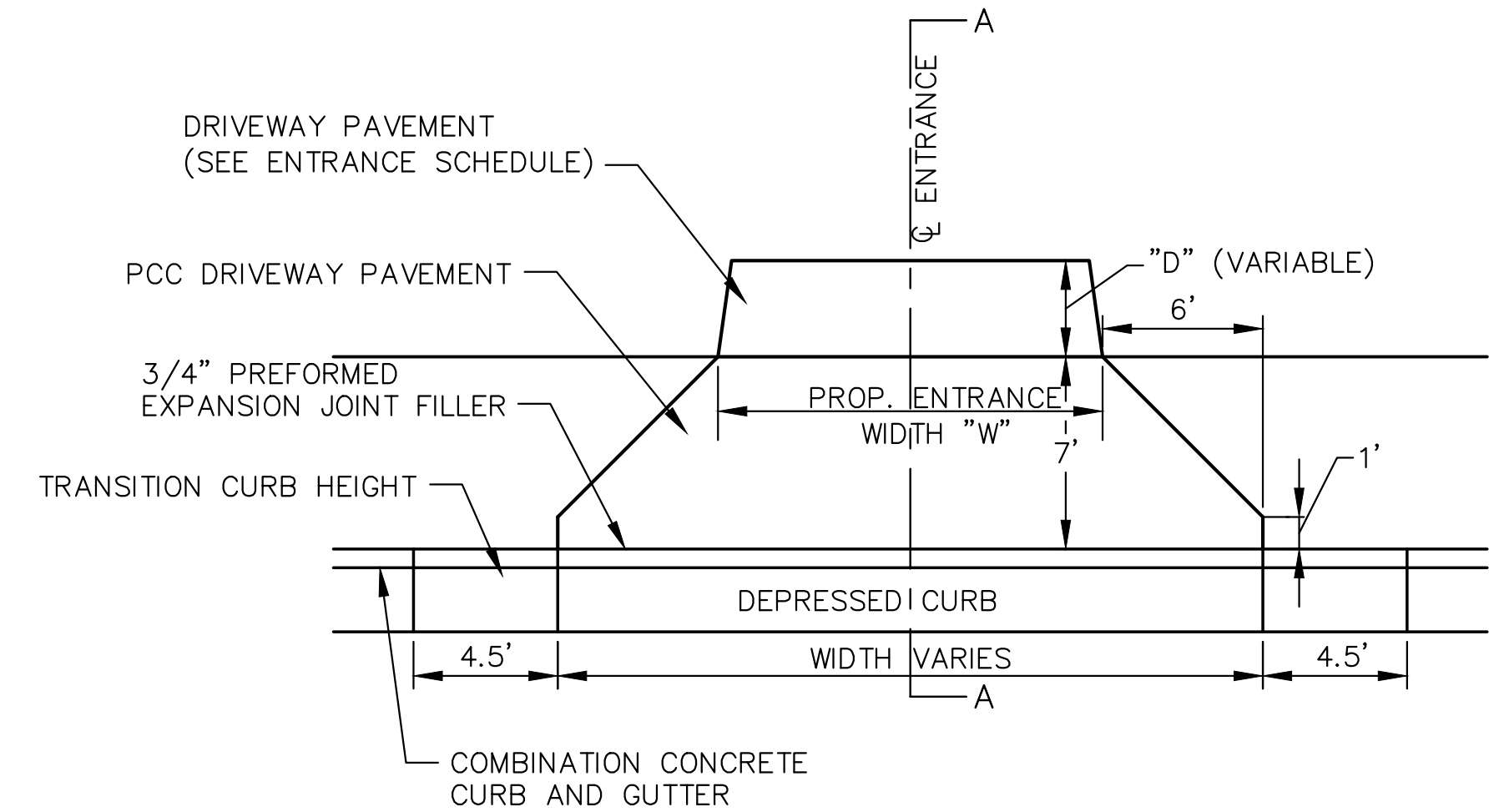
RAMP DETAIL

8TH STREET AND WEST MAIN STREET (SW & NW QUAD)
NOT TO SCALE

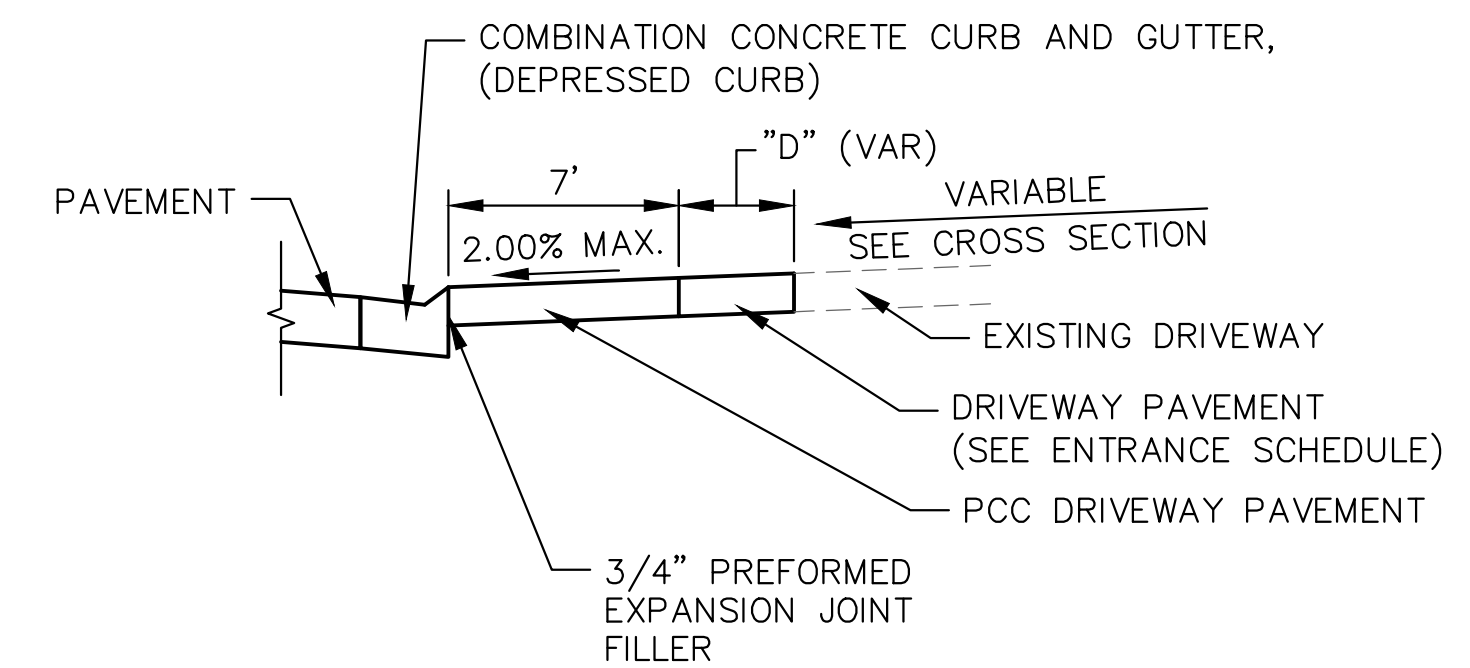


NOTE
IF THE RAMP HAS A MAX SLOPE OF 1:20, AN UPPER LANDING WITH A SLOPE OF 1:50 IS NOT REQUIRED

TYPICAL ENTRANCE DETAIL
NOT TO SCALE



PLAN



ENTRANCE SCHEDULE

STATION	OFFSET	ENTRANCE TYPE	EXISTING SURFACE TYPE	ENTRANCE WIDTH (FOOT)	ENTRANCE DEPTH "D" (FOOT)	DRIVEWAY PAVT REM (SQ YD)	INCIDENTAL HMA SURF (TON)	AGGREGATE-TEMP ACCESS (TON)	AGG BASE CSE A 6 (SQ YD)	PCC DRIVEWAY PAVT 8 (SQ YD)
WEST MAIN STREET										
25+91.00	RT	COMMERCIAL	ASPHALT	35.0	3.4	55	4	33	30	44
26+37.00	RT	COMMERCIAL	ASPHALT	12.0	3.4	15	2	17	10	27
26+18.00	LT	COMMERCIAL	CONCRETE	24.0				23		50
29+41.40	RT	COMMERCIAL	BRICK	15.0				17		37
30+06.00	RT	COMMERCIAL	CONCRETE	35.0		31		23		50
30+54.00	RT	COMMERCIAL	CONCRETE	21.0	2.7	24		18		40
31+97.50	LT	COMMERCIAL	ASPHALT	24.0	14.0	55	5	34	41	34
32+46.50	LT	COMMERCIAL	ASPHALT	24.0	9.2	74	7	40	57	33
33+17.50	LT	COMMERCIAL	CONCRETE	12.0	18.3	30		22		48
35+76.50	LT	COMMERCIAL	CONCRETE	16.0	4.0	19	1	20	3	42
36+05.00	LT	COMMERCIAL	ASPHALT	15.0	9.0	27	3	20	18	26
38+38.50	LT	COMMERCIAL	ASPHALT	35.0	2.0	32	1	27	9	51
39+00.00	LT	COMMERCIAL	CONCRETE	35.0	3.2	55		29		64
40+05.40	LT	COMMERCIAL	CONCRETE	35.0	3.8	54		30		66
TOTAL						471	23	353	168	612

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LICENSE NO. 184-004773
20-5080586

CONTRACT NO. 97677
SEC. NO. 10-00176-04-SW

REV.	DATE	DESCRIP
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DETAILS

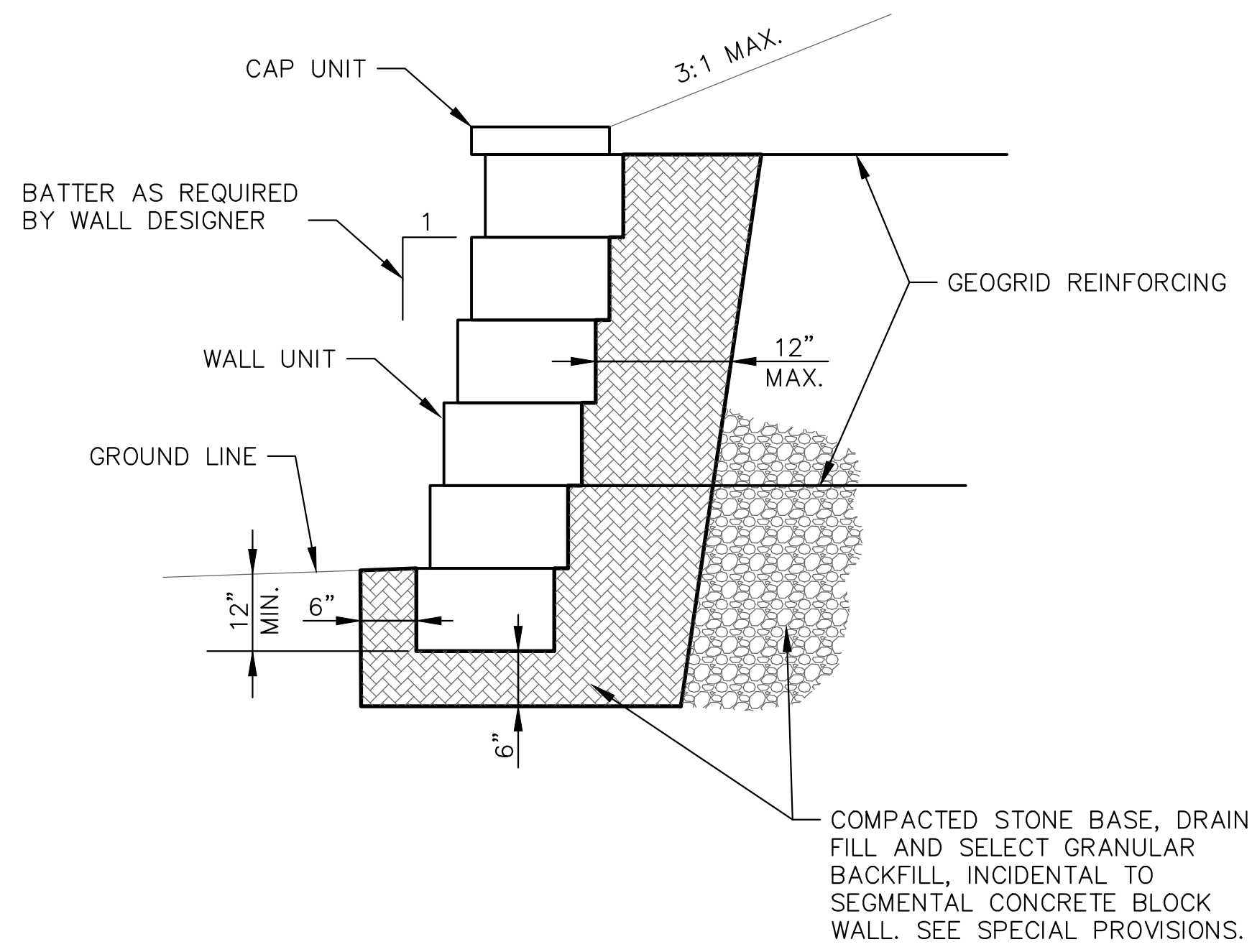
SHEET TITLE: WEST MAIN STREET STREETSCAPE (6TH ST - 12TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO
DRAWN BY: TJH
CHECKED BY: LDC

DATE OF PRELIMINARY: 3/15/2018
DATE OF FINAL: 1/30/2019

SHEET NO. 55 OF 59 SHEETS
PROJECT NUMBER 11-1010

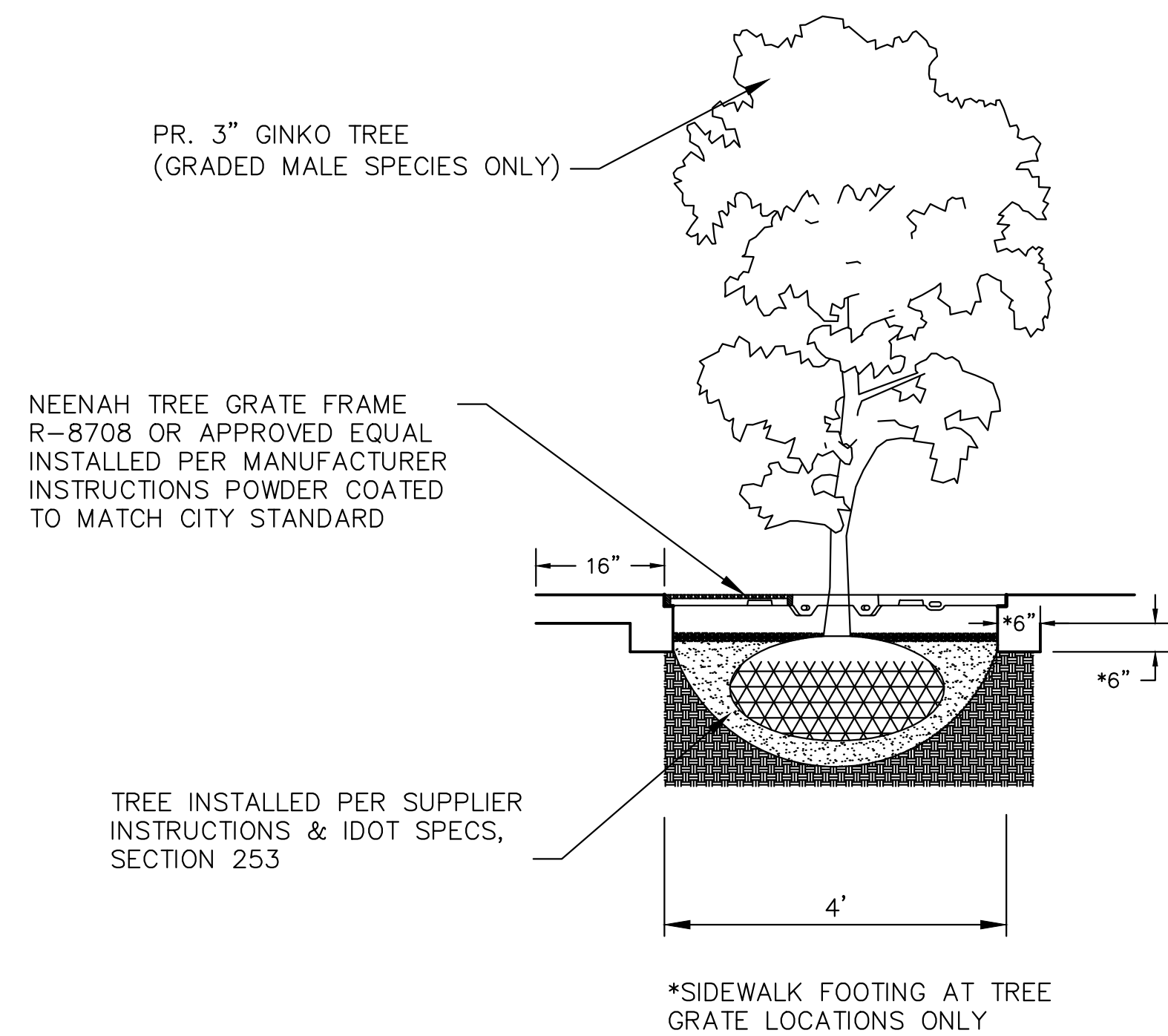
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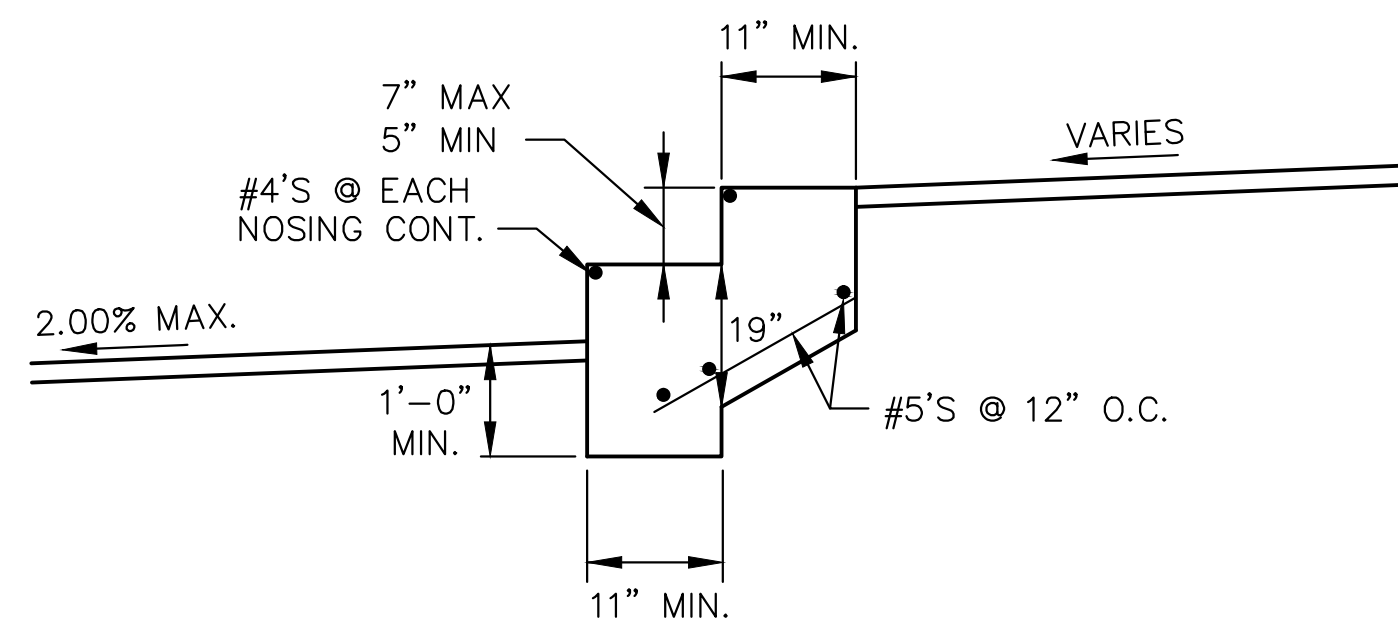
NOTES:
 CONTRACTOR TO REMOVE EXISTING EARTH BANK AS NECESSARY TO INSTALL REINFORCING GEOGRID. CONTRACTOR TO COMPACT SOILS OVER THE GEOGRID PER MANUFACTURER'S RECOMMENDATIONS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE SEGMENTAL CONCRETE BLOCK WALL.

ALL QUANTITIES SHOWN SHALL BE VERIFIED BY WALL DESIGNER. ACTUAL MEASUREMENTS AND PAYMENT SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

SEGMENTAL CONCRETE BLOCK WALL
CONSTRUCTION DETAIL
 N.T.S.



TYPICAL SECTION DETAIL
WITH TREE GRATE
 NOT TO SCALE

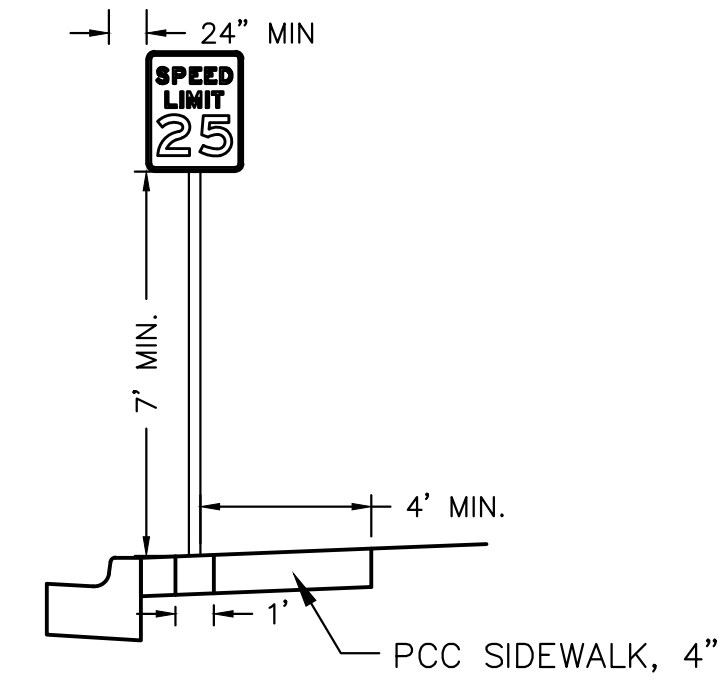


NOTE:
 HANDRAIL INSTALLATION SHALL CONFORM WITH CURRENT A.D.A. REQUIREMENTS.

CONTRACTOR TO VERIFY DIMENSIONS FOR HANDRAIL CONSTRUCTION AND DIMENSIONS OF TRENDS AND RISERS PRIOR TO CONSTRUCTION.

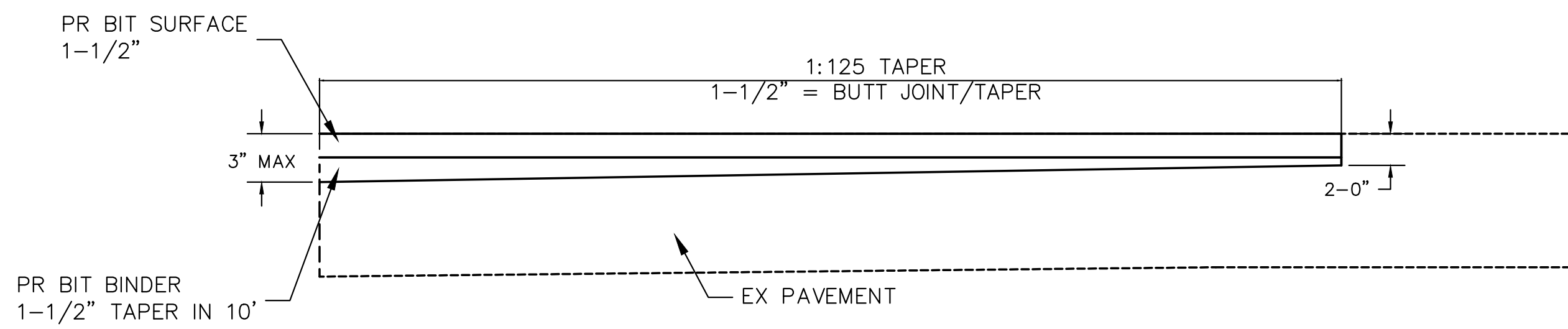
HANDRAILS ARE REQUIRED FOR ALL LOCATIONS WITH 3 OR MORE STEPS.

CLASS SI CONCRETE STEPS
CONSTRUCTION DETAIL
 NOT TO SCALE

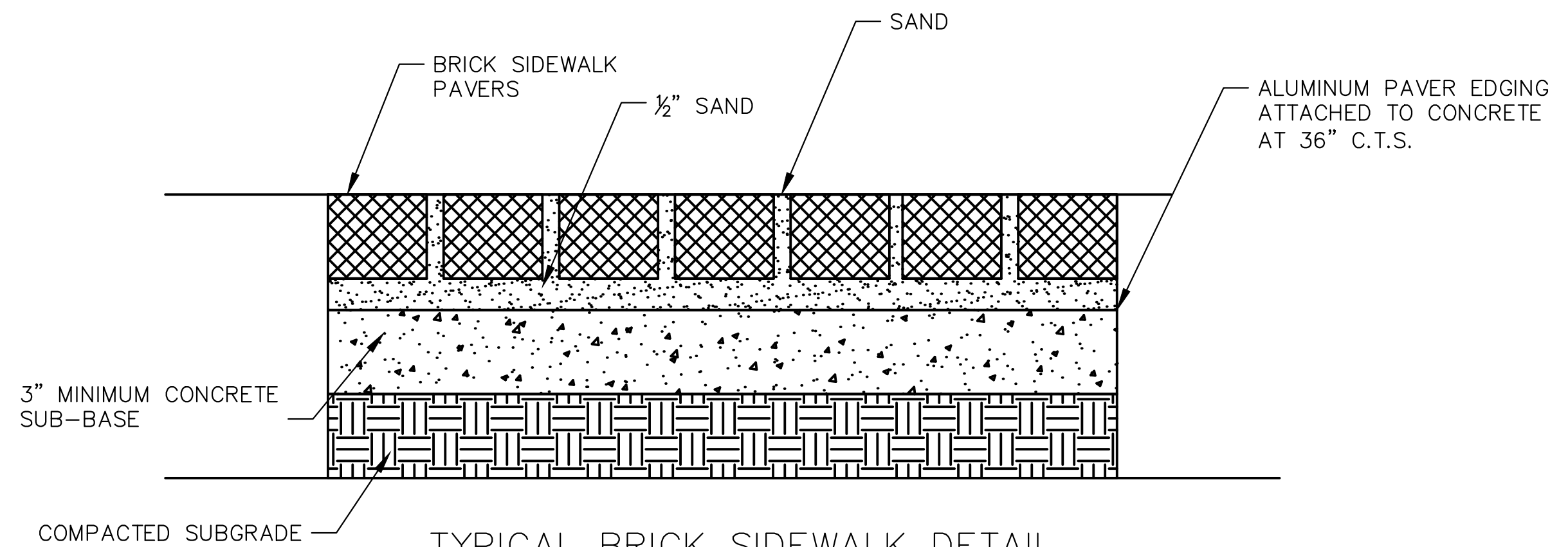


TYPICAL SIGN INSTALLATION IN SIDEWALK
 NOT TO SCALE

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.



BUTT JOINT DETAIL
 NOT TO SCALE



TYPICAL BRICK SIDEWALK DETAIL
 NOT TO SCALE

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

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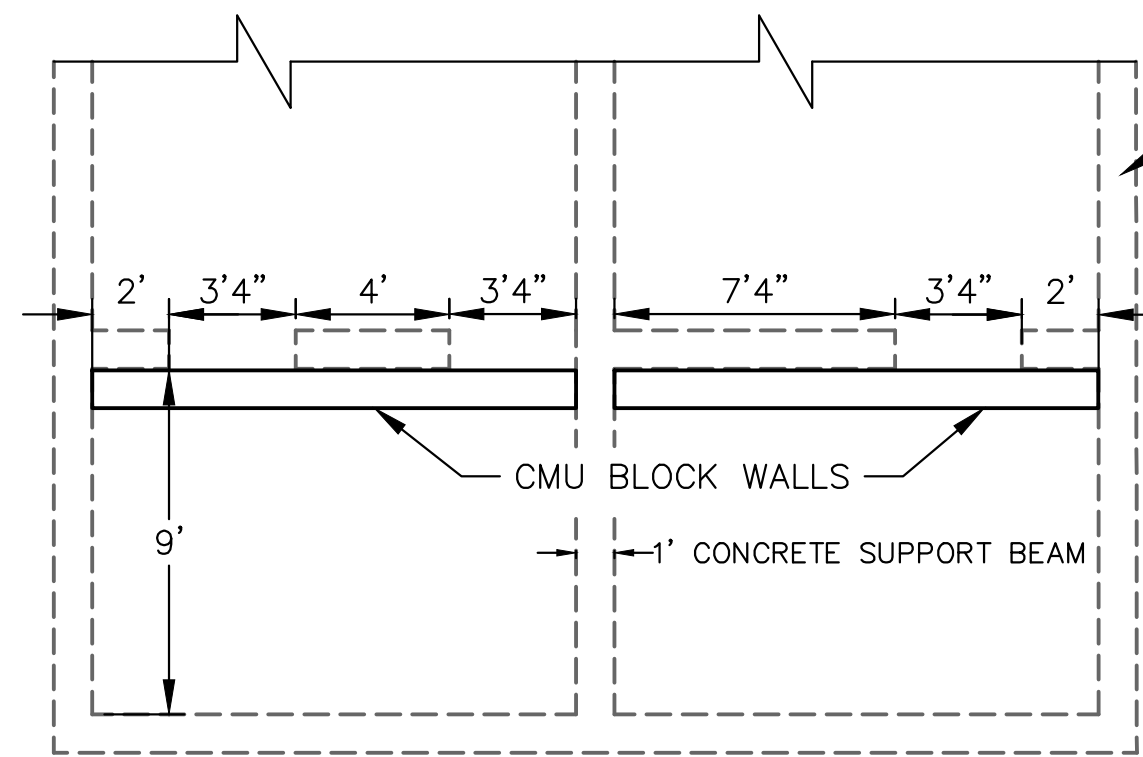
CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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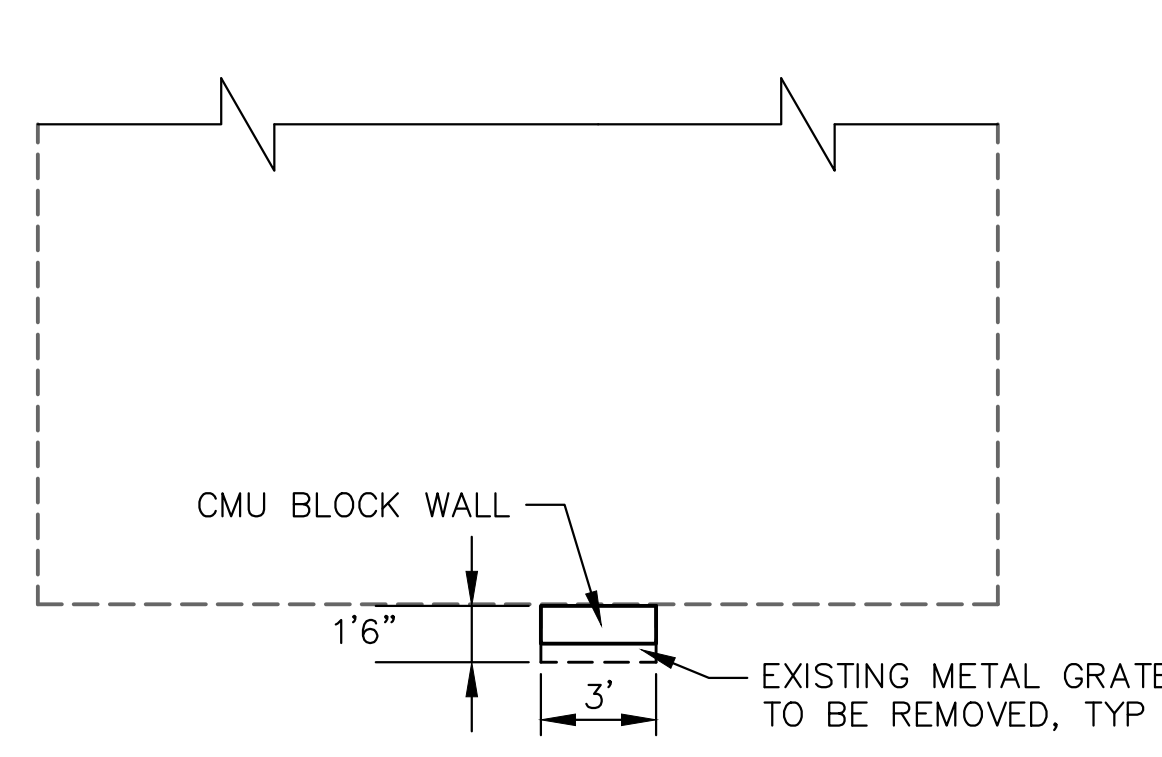
DETAILS

SHEET TITLE:
 WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

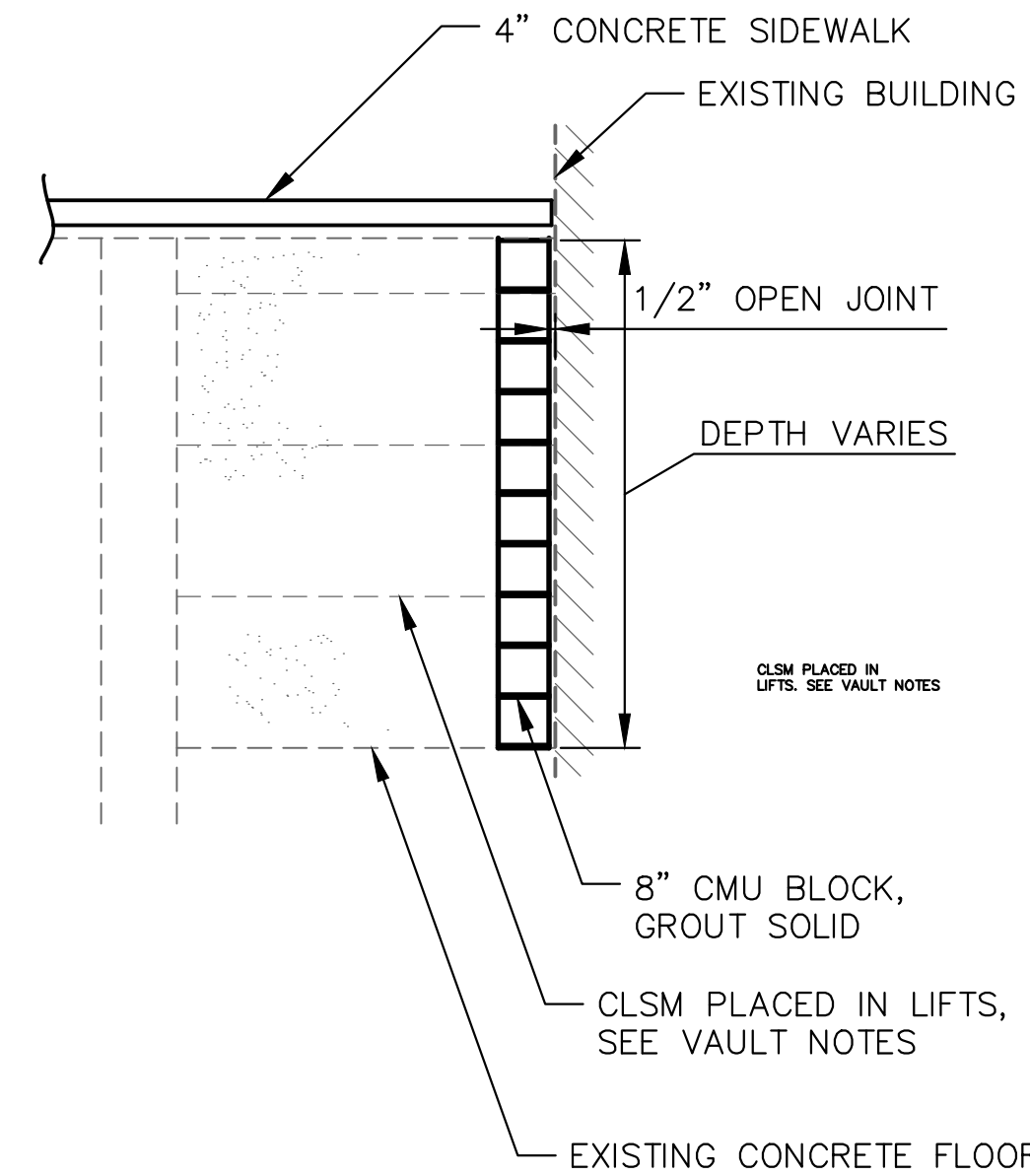
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	56
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 56 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



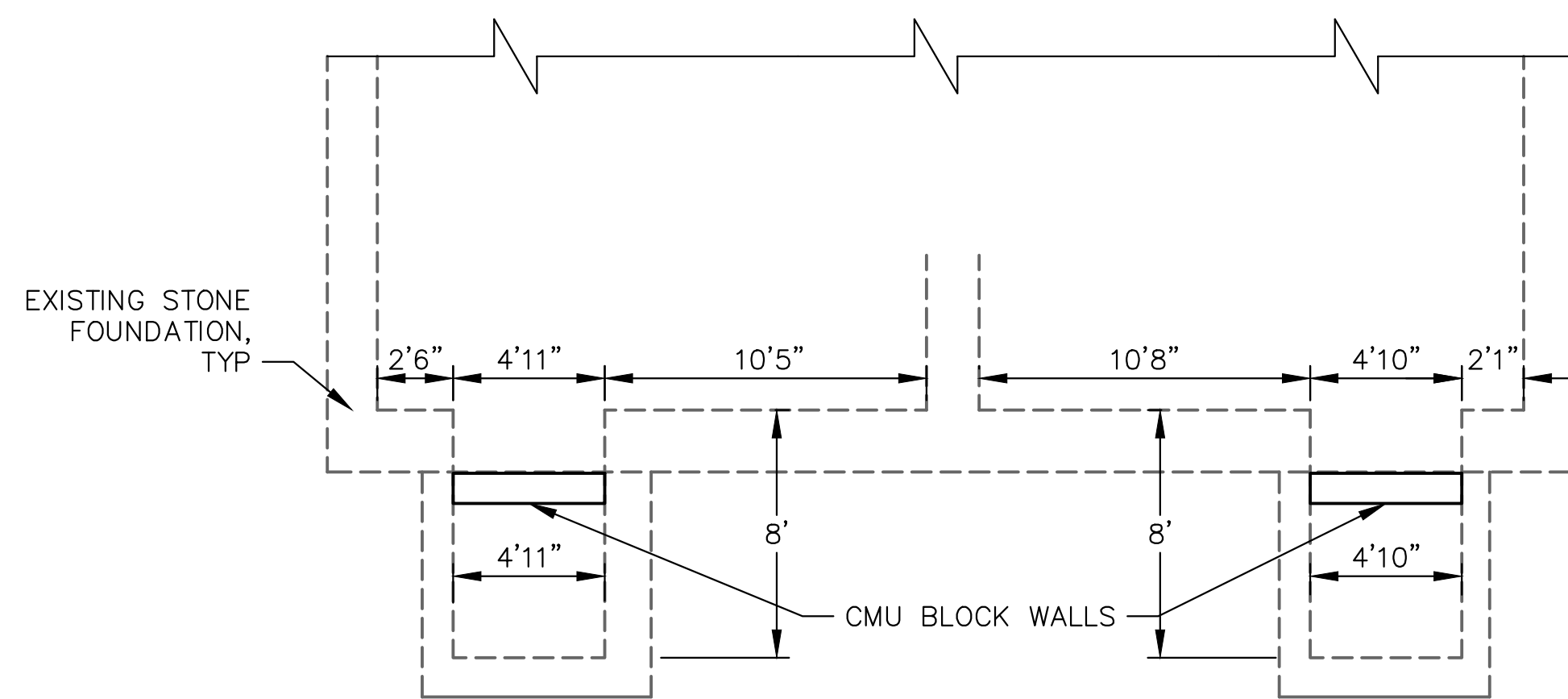
VAULT 1 PLAN



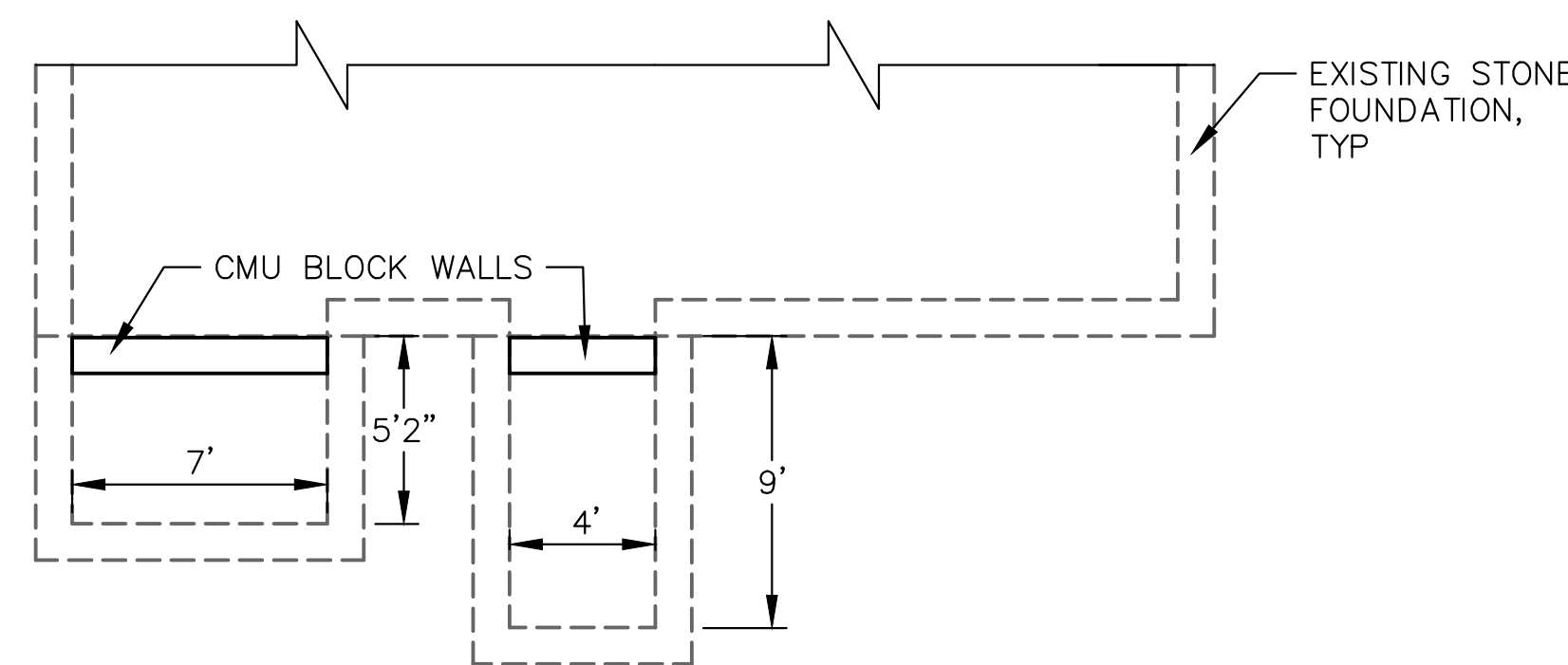
VAULT 4 PLAN



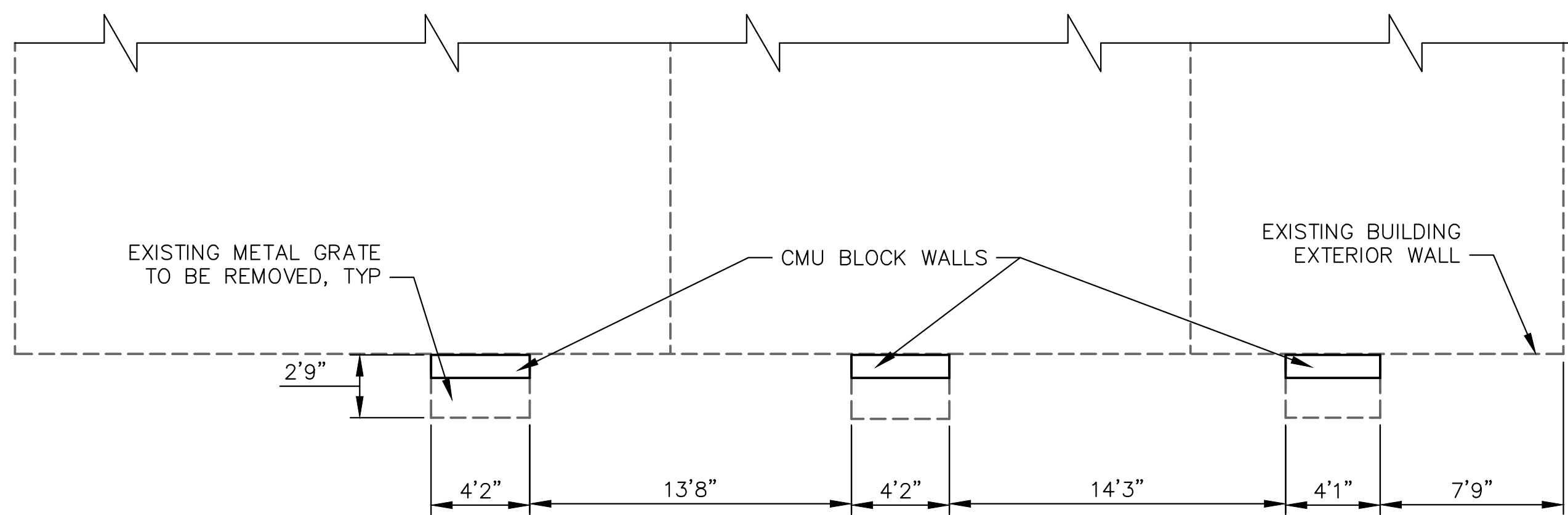
TYPICAL VAULT SECTION



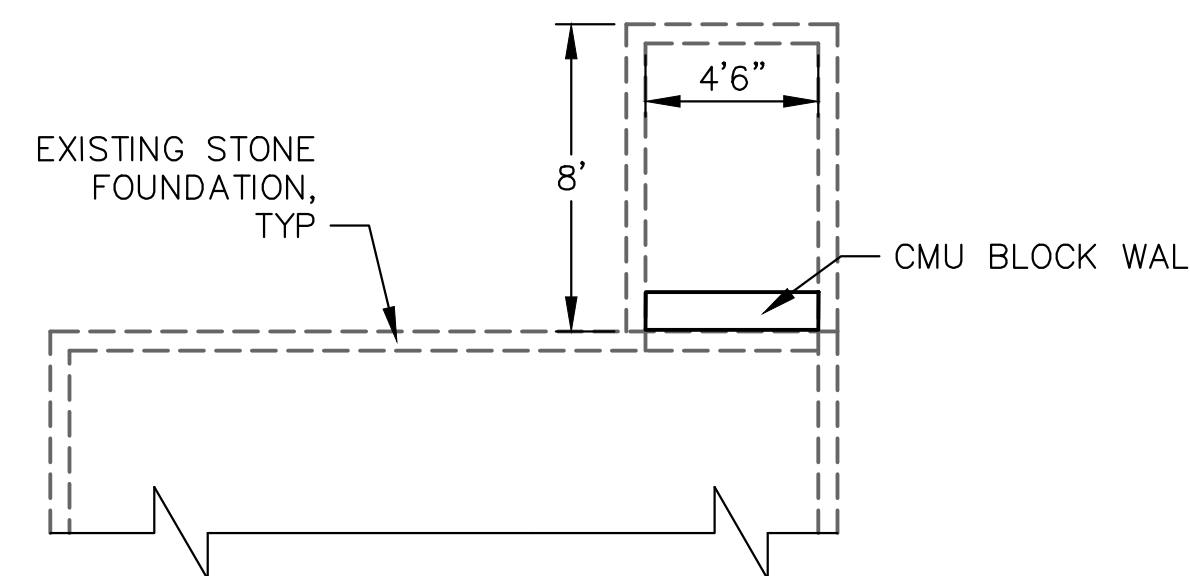
VAULT 2 PLAN



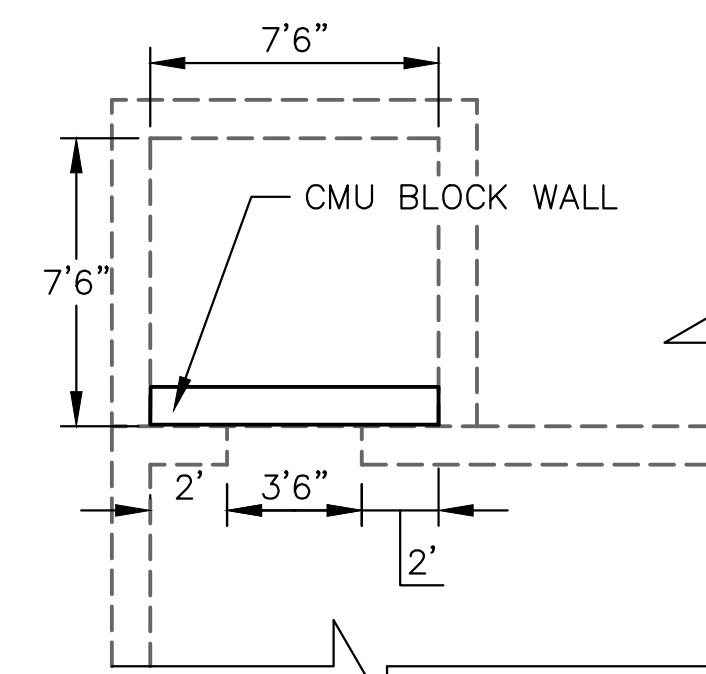
VAULT 5 PLAN



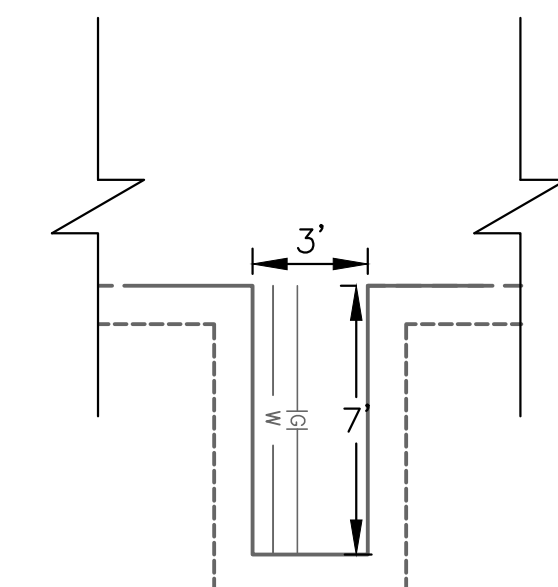
VAULT 3 PLAN



VAULT 6 PLAN



VAULT 7 PLAN



VAULT 8 PLAN

VAULT NOTES

CONTRACTOR SHALL CONTACT THE PROPERTY OWNER PRIOR TO BEGINNING WORK ON THE RESPECTIVE VAULTS AND COORDINATE THE WORK. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OF EXISTING VAULT WALLS & CEILINGS, IF NEEDED, PRIOR TO REMOVING THE CONCRETE SIDEWALKS/TOPS. CONTRACTOR SHALL ALSO PROVIDE PROTECTION FOR THE ADJACENT STRUCTURE FROM WATER/SEEPAGE. ALL OPEN VAULTS/EXCAVATIONS SHALL BE BARRICADED/FENCED.

VAULTS SHOWN ON THE PLANS HAVE BEEN LOCATED BASED ON INFORMATION PROVIDED BY THE RESPECTIVE PROPERTY OWNERS AND THE CITY OF BELLEVILLE. IT IS POSSIBLE OTHER VAULTS EXIST THEREFORE THE CONTRACTOR SHOULD EXERCISE CAUTION DURING REMOVAL OPERATIONS.

CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS IN VAULTS PRIOR TO BEGINNING FILL OPERATIONS.

ALL GAPS/OPEN JOINTS SHALL BE SEALED WITH A POLYURETHANE SEALANT THAT IS A ONE-COMPONENT HIGH-PERFORMANCE GUN-GRADE MOISTURE-CURING POLYURETHANE SEALANT DESIGNED FOR A WIDE RANGE OF SEALING AND CAULKING APPLICATIONS IN ACTIVE EXTERIOR JOINTS, INCLUDING STEEL, CONCRETE AND MASONRY.

CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE ACCORDING TO THE IDOT STANDARD SPECIFICATIONS, SECTION 1019. THE CLSM SHALL BE CONSTRUCTED IN MAXIMUM OF 48" LIFTS WITH A MINIMUM OF 6 HRS CURE OR UNTIL FIRM IN VAULTS 10' WIDE OR LESS. CLSM SHALL BE CONSTRUCTED IN MAXIMUM OF 24" LIFTS WITH A MINIMUM OF 6 HRS CURE OR UNTIL FIRM IN VAULTS OVER 10' WIDE.

ALL WORK NOTED ABOVE SHALL BE INCLUDED WITH THE COST OF THE PAY ITEMS ASSOCIATED WITH THE VAULTS.

FINAL SIDEWALK GRADES SHALL SLOPE AWAY FROM EXISTING BUILDINGS.

NO MOTORIZED EQUIPMENT WILL BE PERMITTED ON THE EXISTING AND NEW VAULT SLABS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.

HYDRAULIC BREAKERS WILL NOT BE PERMITTED FOR REMOVAL OF EXISTING VAULT ELEMENTS.

PROPOSED SIDEWALK JOINTING SHALL BE LOCATED IN COORDINATION WITH THE VAULTS THAT ARE TO REMAIN IN PLACE.

VAULT SCHEDULE

VAULT	ADDRESS	HEIGHT FT	WIDTH FT	LENGTH FT	EXISTING WALL TYPE	CONTROLLED LOW-STRENGTH MATERIAL (CY)	MASONRY WALL CONSTRUCTION (SF)
1A	1111 W. MAIN	5.2	12.3	9.0	BRICK	20	63.96
1B	1113 W. MAIN	5.2	12.6	9.0	BRICK	21	65.52
2A	1112 W. MAIN	6.2	4.8	8.0	BRICK	9	29.76
2B	1110 W. MAIN	6.2	4.9	8.0	BRICK	9	30.38
3A	1021 W. MAIN	4.0	4.2	2.7	BRICK	2	16.68
3B	1017 W. MAIN	4.0	4.1	2.8	BRICK	2	16.56
3C	1015 W. MAIN	4.0	4.0	2.7	BRICK	2	16
4	1013 W. MAIN	1.5	3.0	1.5	BRICK	1	4.35
5A	1012 W. MAIN	8.0	7.0	5.2	BRICK	10	56
5B	1012 W. MAIN	8.0	4.0	9.0	BRICK	10	32
6	1011 W. MAIN	6.1	4.5	8.0	BRICK	8	27.45
7	907 W. MAIN	8.0	7.5	7.5	BRICK	16	60
8	1018 W. MAIN	7.0	3.0	7.0	BRICK	5	21
TOTAL						115	440

NOTES: VAULT SIZES VARY/INCONSISTENT - DIMENSIONS ARE APPROXIMATE
 INACCESSIBLE VAULTS WERE ASSUMED SIMILAR TYPE AS ADJACENT FOR QUANTITY ESTIMATION
 ALL WORK NOTED ABOVE IS INCIDENTAL TO THE RELATED PAY ITEMS
 ALL EQUIPMENT TO REMAIN IN VAULTS TO BE PROTECTED DURING CONSTRUCTION
 NO EQUIPMENT PERMITTED OVER VAULTS
 NO HYDRAULIC BREAKERS PERMITTED FOR REMOVAL
 IF UTILITIES ARE ENCOUNTERED DURING VAULT WORK, TRENCH BACKFILL SHALL BE USED IN PLACE OF CONTROLLED LOW STRENGTH MATERIAL

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

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 Illinois Professional Design Firm
 Professional Engineering Group

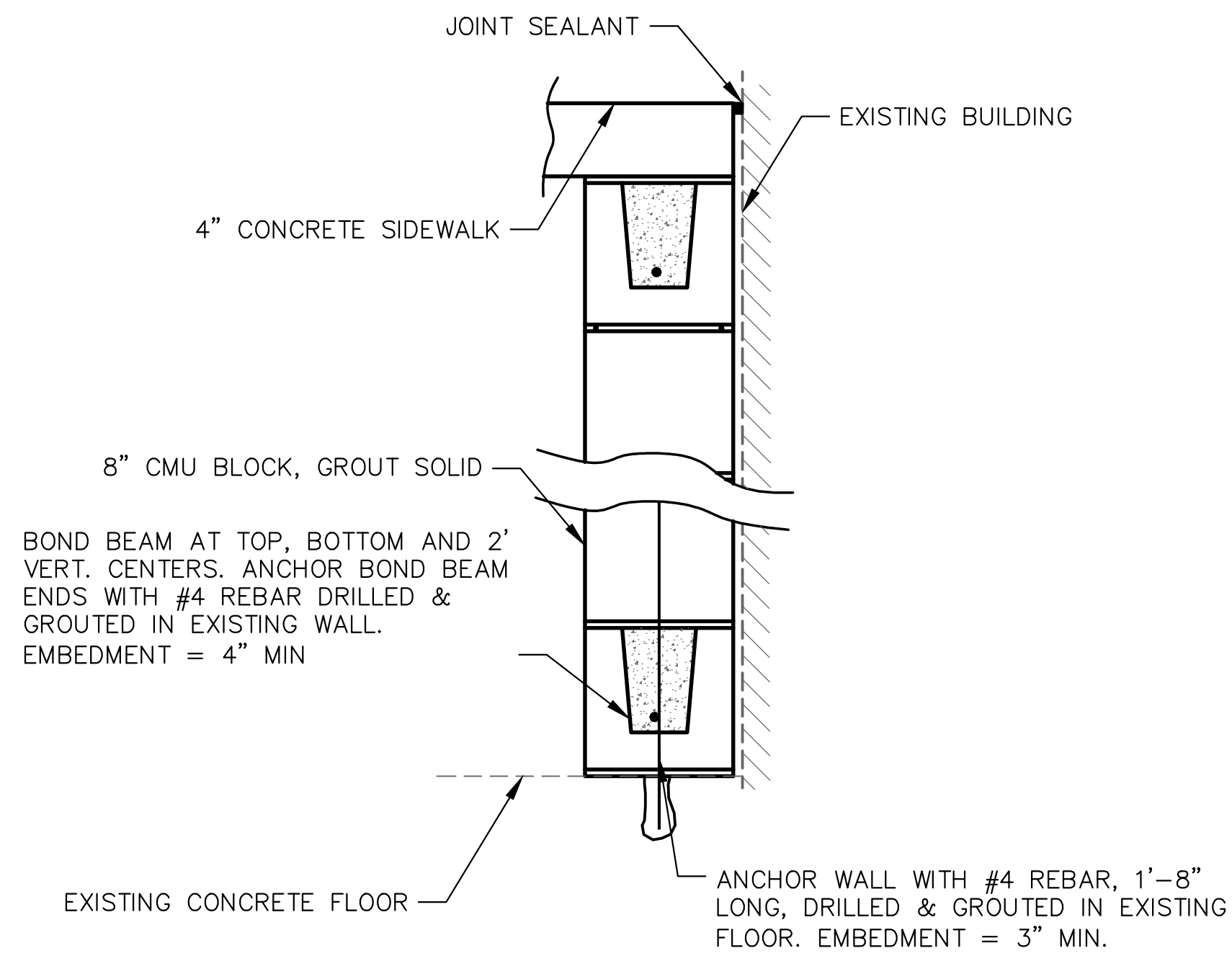
CONTRACT NO. 97677
 SEC. NO. 10-00176-04-SW

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PROJECT TITLE: WEST MAIN STREET STREETSCAPE
 (6TH ST - 12TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: RJO
 DRAWN BY: TJH
 CHECKED BY: LDC
 DATE OF PRELIMINARY: 3/15/2018
 DATE OF FINAL: 1/30/2019
 SHEET NO. 57 OF 59 SHEETS
 PROJECT NUMBER 11-1010

FILE: P:\11-1010\00 West Main St Streetscape 6th to 17th St\10_CAD\CADD Sheets\Phase 1\11-1010_Details.dwg



WALL/BOND BEAM DETAIL

CONCRETE MASONRY NOTES

CONCRETE MASONRY UNITS (CMU) SHALL BE HOLLOW CORE LOAD BEARING, TYPE 1, NORMAL WEIGHT CONFORMING TO ASTM C90. INDIVIDUAL BLOCKS SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 2000 PSI.

CMU UNITS SHALL HAVE NOMINAL FACE DIMENSIONS OF 8"x16".

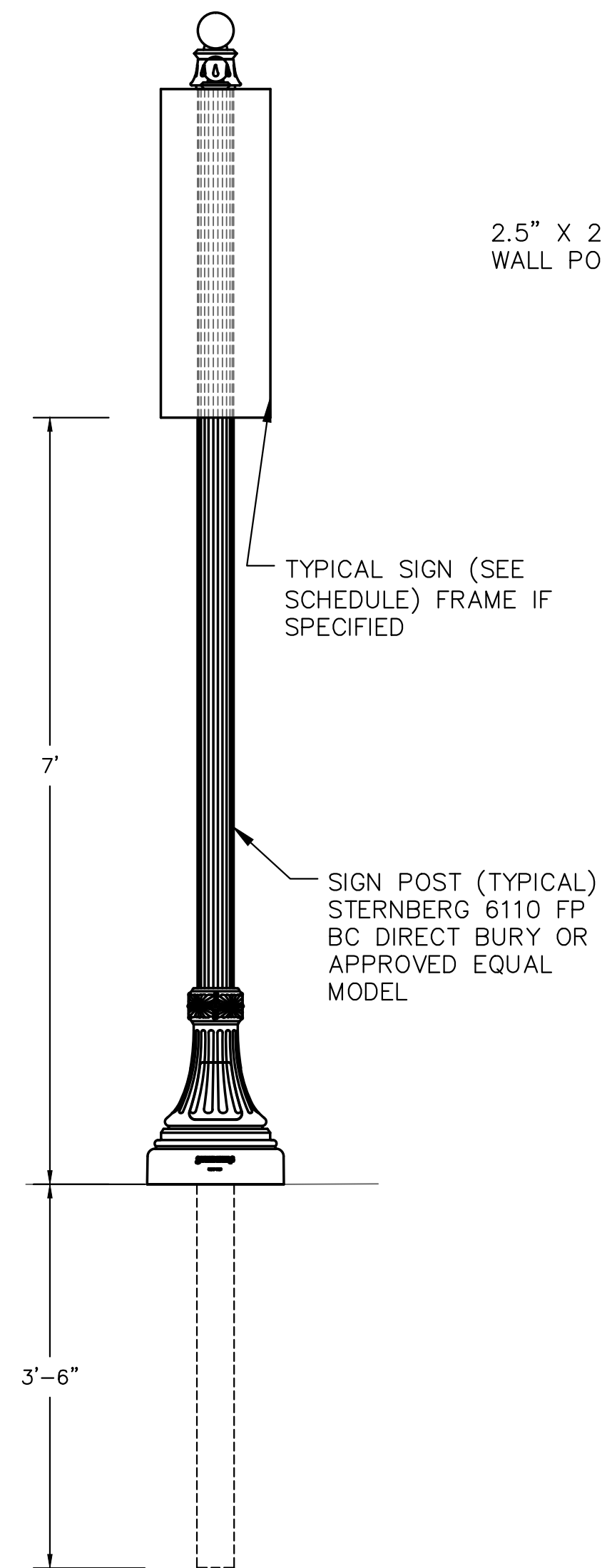
MORTAR SHALL BE IN ACCORDANCE WITH ASTM C270, TYPE N.

GROUT FOR FILLING CELLS AND BOND BEAMS SHALL CONFORM TO ASTM C476. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.

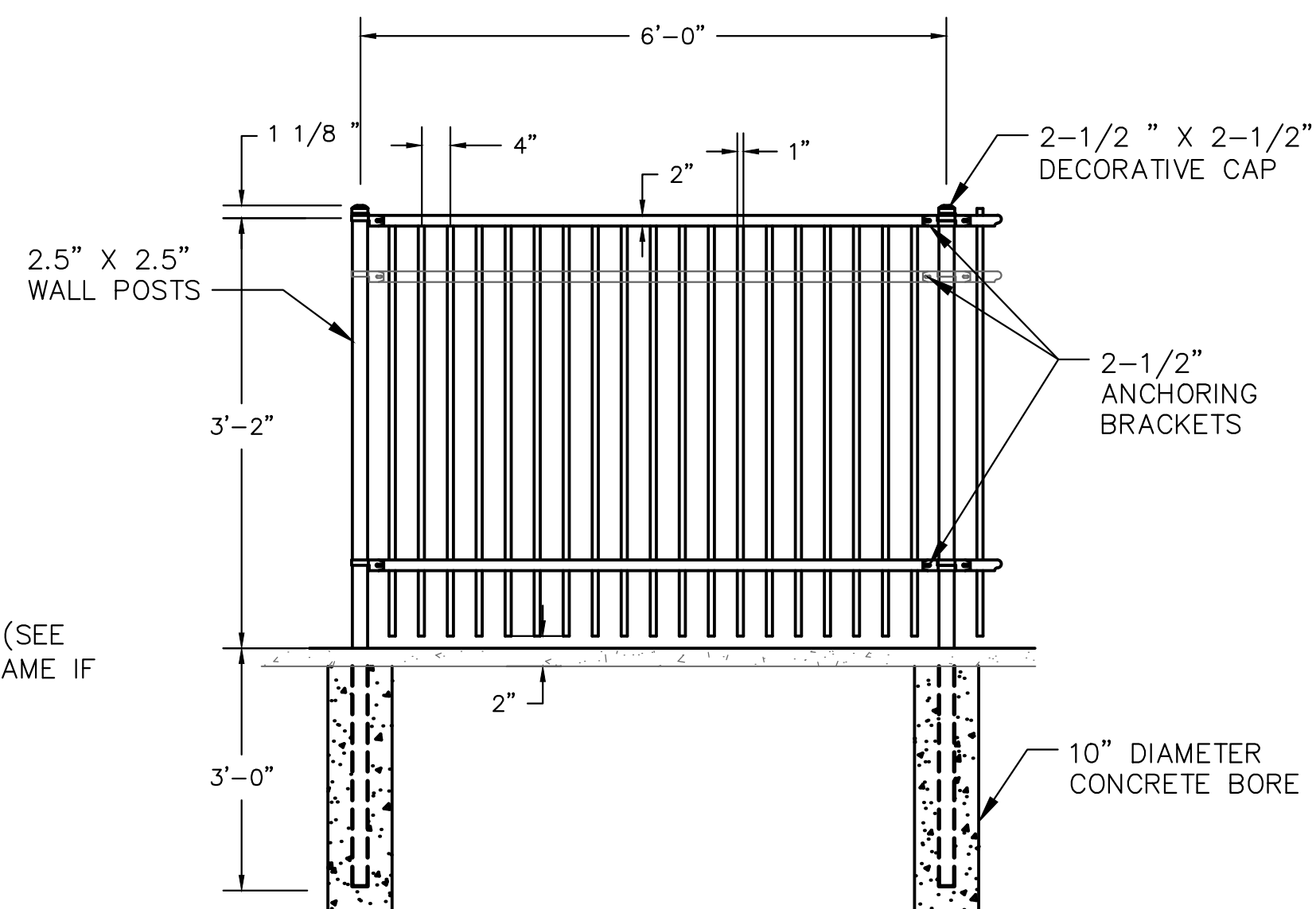
WIRE REINFORCEMENT SHALL CONFORM TO ASTM A82 AND BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.

REINFORCEMENT BARS FOR BOND BEAMS AND DOWELS SHALL CONFORM TO ASTM A615, GRADE 60 DEFORMED.

SEE SPECIAL PROVISIONS FOR DETAILED REQUIREMENTS.

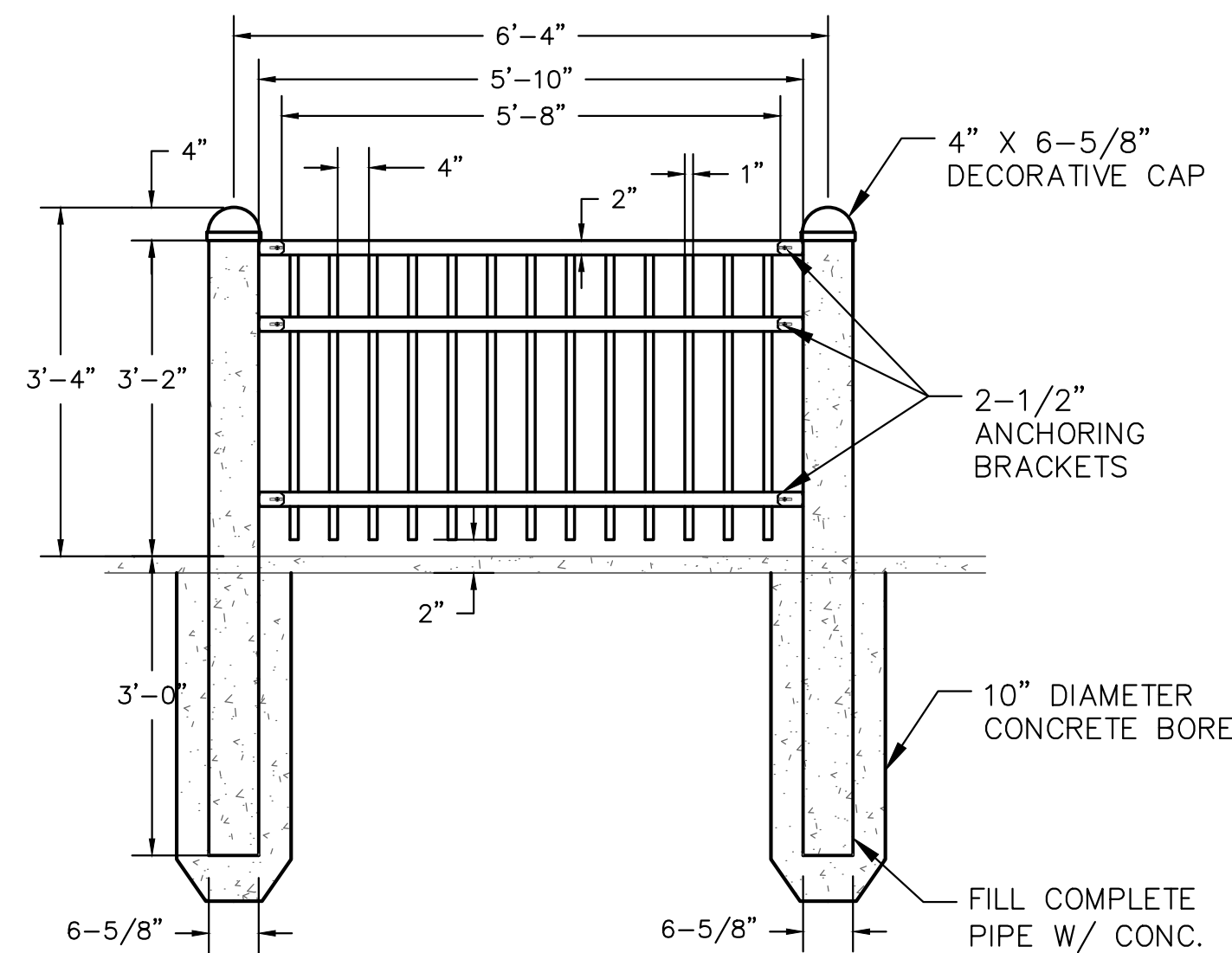


ORNAMENTAL SIGN POST
NOT TO SCALE



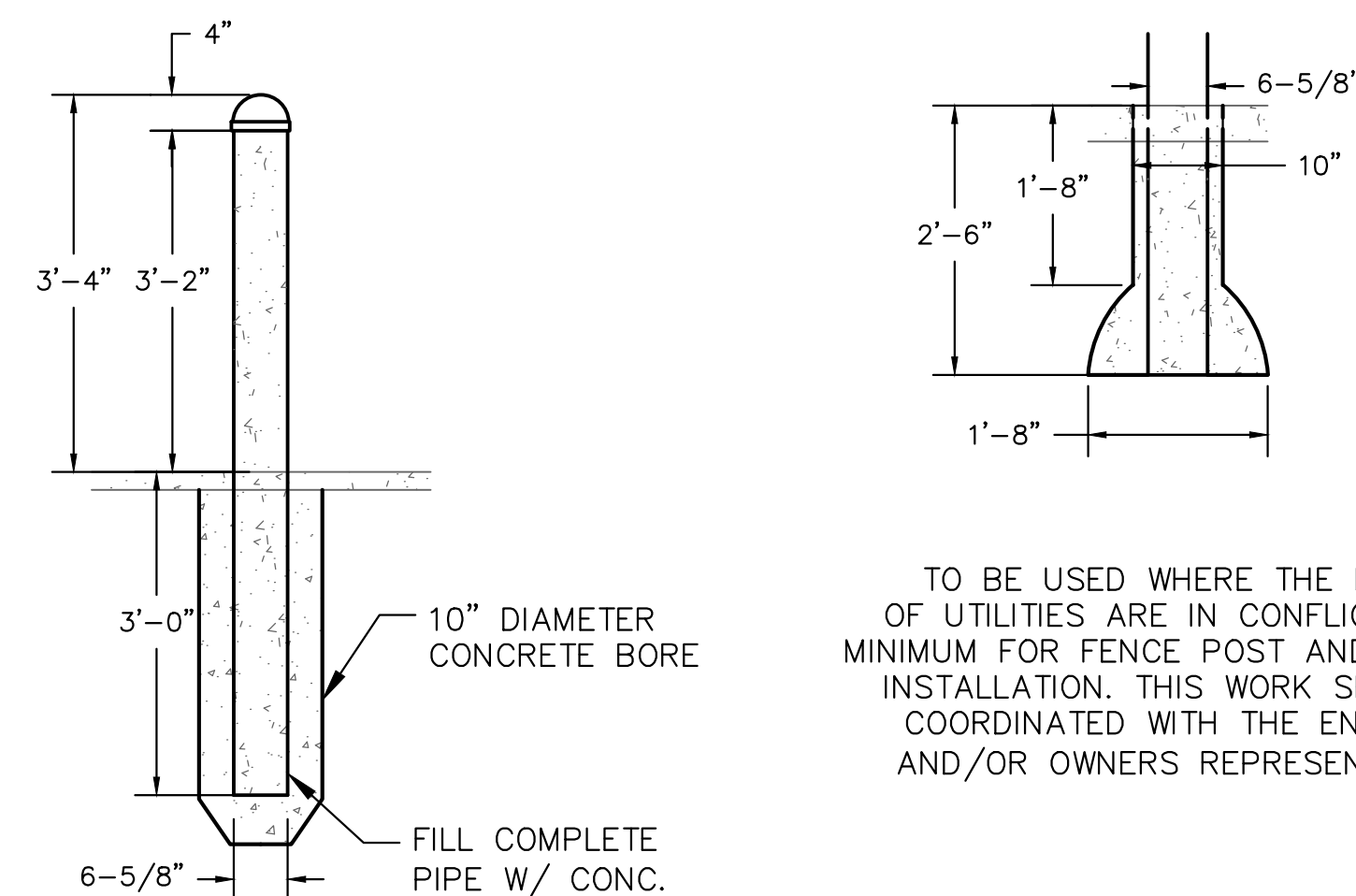
AMERICAN ECHELON II ALUMINUM MAJESTIC 3-RAIL ORNAMENTAL FENCE WITH 2 1/2" X 2 1/2" WALL POST.
REPLACE #10 SELF TAPPING SCREWS W/ 1/4" X 2 3/4" HEXHEAD STAINLESS STEEL CONCRETE SCREWS AT ALL ANCHORING POINTS

TYPICAL DECORATIVE FENCE
DETAIL - STEEL POST
NOT TO SCALE



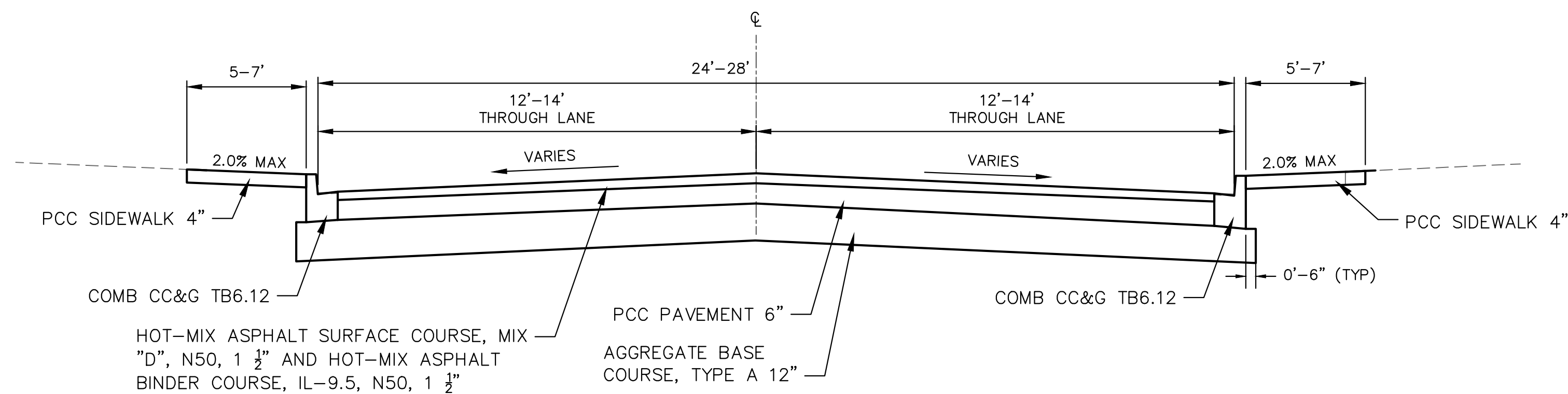
AMERICAN ECHELON II ALUMINUM MAJESTIC 3-RAIL ORNAMENTAL FENCE WITH 6-5/8" O.D. VINYL COATED SCHEDULE 40 STEEL POSTS.
REPLACE #10 SELF TAPPING SCREWS W/ 1/4" X 2 3/4" HEXHEAD STAINLESS STEEL CONCRETE SCREWS AT ALL ANCHORING POINTS

TYPICAL DECORATIVE FENCE
DETAIL - BOLLARD
NOT TO SCALE



TO BE USED WHERE THE DEPTH OF UTILITIES ARE IN CONFLICT AS A MINIMUM FOR FENCE POST AND BOLLARD INSTALLATION. THIS WORK SHALL BE COORDINATED WITH THE ENGINEER AND/OR OWNERS REPRESENTATIVE.

TYPICAL BOLLARD DETAIL
NOT TO SCALE



FULL DEPTH REPLACEMENT DETAIL
AS SHOWN ON THE REMOVAL PLANS

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

Kaskaskia
Engineering Group, LLC

PREPARED BY:

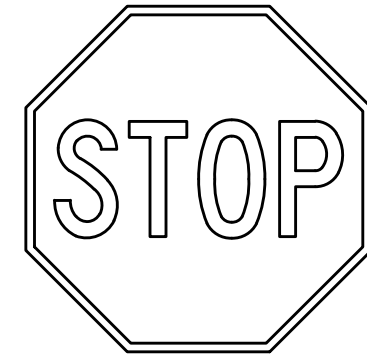
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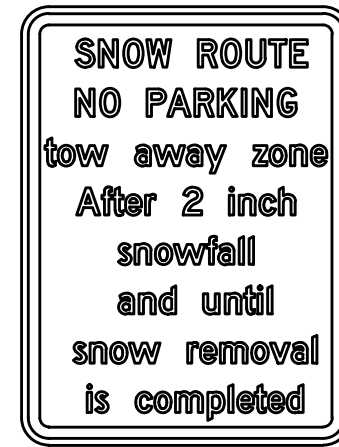
DETAILS

SHEET TITLE: WEST MAIN STREET STREETSCAPE (6TH ST - 12TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS

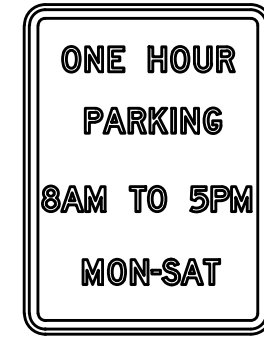
DESIGNED BY: RJO	SHEET
DRAWN BY: TJH	58
CHECKED BY: LDC	
DATE OF PRELIMINARY: 3/15/2018	
DATE OF FINAL: 1/30/2019	
SHEET NO. 58 OF 59 SHEETS	
PROJECT NUMBER 11-1010	



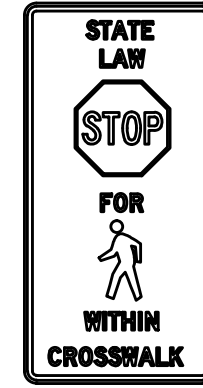
R1-1
30 X 30



R7-203
12 X 18



R7-5
12 X 18



R1-6A
12 x 36



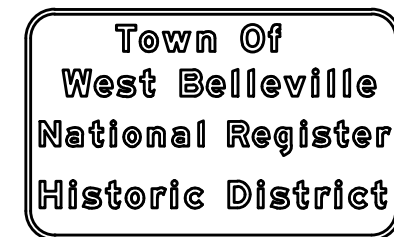
R7-8
12 X 18



R2-1
24 X 30



W11-2
30 X 30



TOWN OF WEST BELLEVILLE
NATIONAL REGISTER
HISTORIC DISTRICT
18 X 24



TOWN OF WEST BELLEVILLE
NATIONAL REGISTER
HISTORIC DISTRICT
12 X 24



M6-1
6 X 12



SPEED RADAR
CONTROLLED
18 X 24



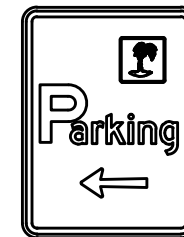
R8-3
24 X 24



D3-1
36 X 8



W16-9P
24 X 12



CITY OF BELLEVILLE
NO PARKING
18 X 24

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Belleville, Illinois 62220
618.233.5877 phone
618.233.5977 fax
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PROFESSIONAL REGISTRATIONS
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PREPARED BY:

CONTRACT NO. 97677
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SHEET TITLE: DETAILS
PROJECT TITLE: WEST MAIN STREET STREETSCAPE
(6TH ST - 12TH ST)
CITY OF BELLEVILLE
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DRAWN BY: TJH	59
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