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03-05-2021 LETTING ITEM 155

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

FAU ROUTE 9182
CITY OF BELLEVILLE
WEST MAIN RESURFACING 17TH ST. TO 28TH ST.

SECTION 15-00176-05-RS
PROJECT NO. MXNC(453)

JOB NO. C-98-015-20
ST. CLAIR COUNTY, IL
STP-S FUNDS

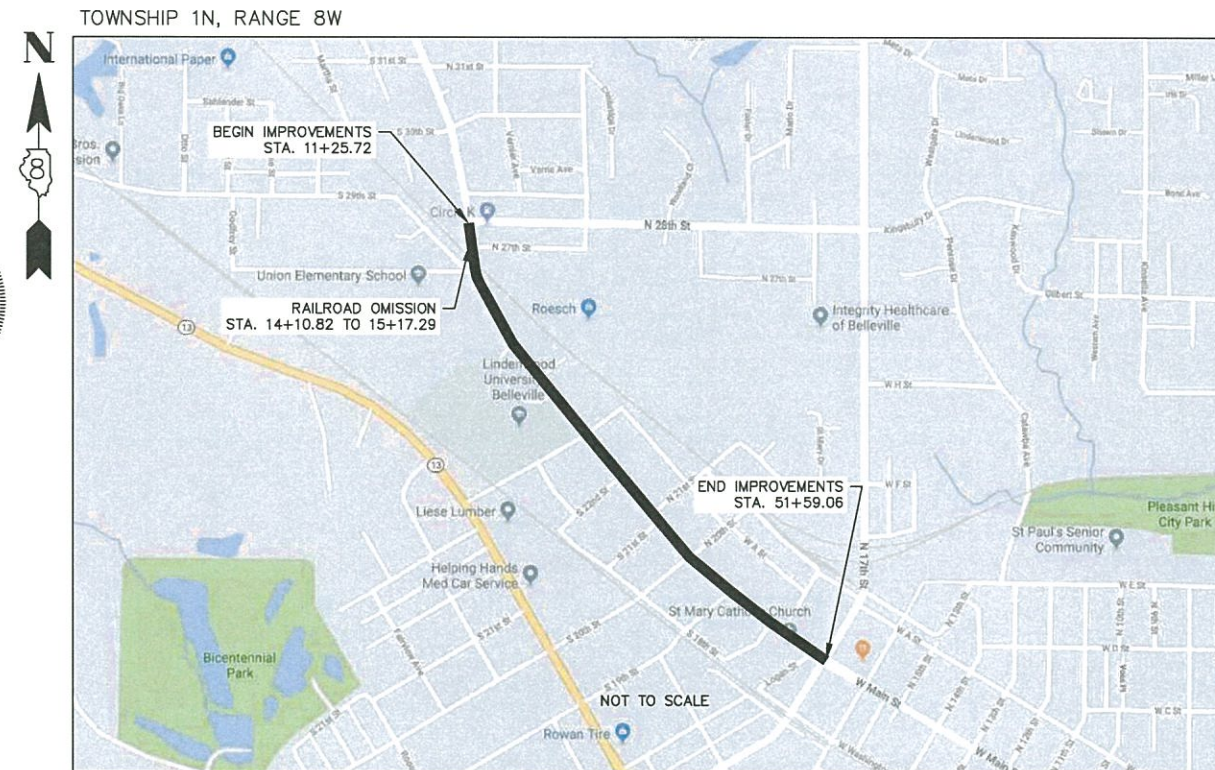
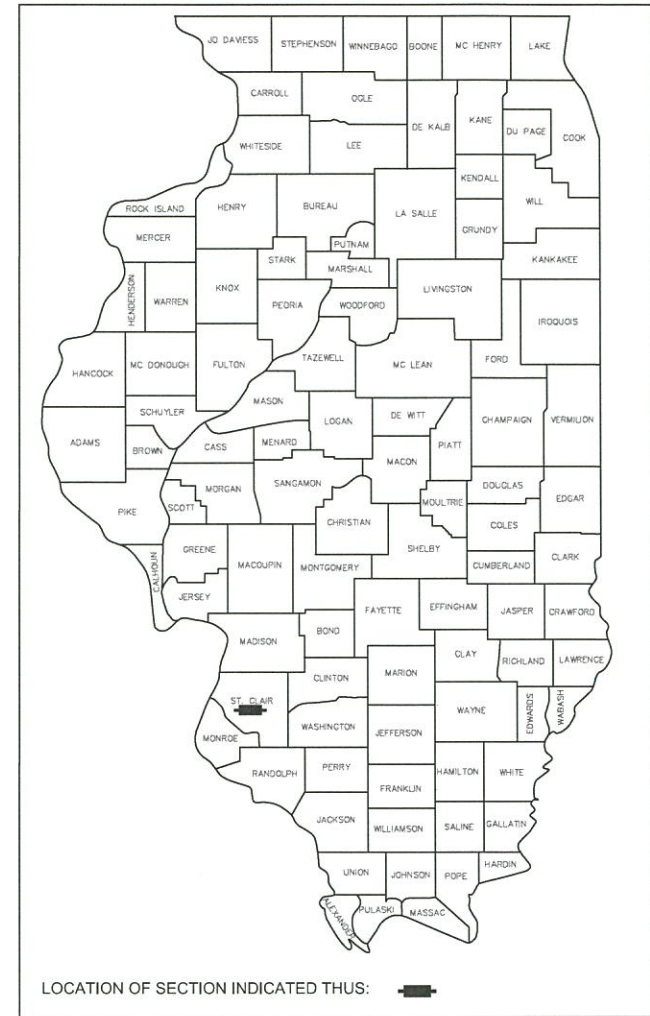
SCALES:

ROADWAY PLAN 1 INCH = 20 FEET

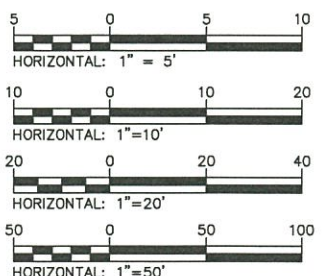
STANDARDS

- 000001-08
- 001001-02
- 001006
- 280001-07
- 420101-06
- 424001-11
- 424011-04
- 424016-05
- 424021-06
- 606001-07
- 701301-04
- 701311-03
- 701501-06
- 701601-09
- 701701-10
- 701801-06
- 701901-08
- 720001-01
- 720006-04
- 728001-01
- 780001-05
- 814001-03
- 857001-01
- 886001-01
- 886006-01

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	15-00176-05-RS	ST. CLAIR	51	01
FEDERAL AID PROJECT			CONTRACT NO. 97751	



Jamie L. Todt
JAMIE L. TODT
LICENSE NO. 062-065835
DATE 12-16-2020
EXPIRES: 11-30-2021



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

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

LENGTH OF PROJECT

TOTAL GROSS LENGTH = 4033.34' (0.764 MILES)
TOTAL NET LENGTH = 3926.87' (0.744 MILES)
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
DESIGN SPEED: 30 MPH
WEST MAIN STREET CURRENT YEAR (2018) ADT: 8050

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED DECEMBER 16th 20 20
Mark W. Eckert
CITY OF BELLEVILLE, MAYOR

PASSED December 23, 20 20
Tom A. Schall
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW December 23, 20 20
Keith Roberts
REGION 5 ENGINEER

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

Kaskaskia

Engineering Group, LLC

208 East Main Street, Suite 100
Belleville, Illinois 62220
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Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO.
184.004773
20-5080586

GENERAL NOTES

1. 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.
2. 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.
3. 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)).
4. ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, AND TESTING FOR EROSION AND SEDIMENTATION CONTROL ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE ILLINOIS NRCS ILLINOIS URBAN MANUAL, 2010 EDITION AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. ALL WORK, INSTALLATION, PROCEDURES, AND MATERIALS ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE UNITED STATES AMERICANS WITH DISABILITIES ACT.
6. ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, TESTING, AND INSPECTION SHALL CONFORM TO THE STATE, MUNICIPAL, AND LOCAL UNITS OF GOVERNMENT HAVING JURISDICTION OVER THIS PROJECT.
7. 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.
8. 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.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
10. 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.
11. THE FOLLOWING ITEMS 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.

AGGREGATE FOR TEMPORARY ACCESS 2 TON
(QUANTITY HAS BEEN DETERMINED USING AN APPLICATION RATE OF 0.05833 TONS/SQYD/INCH.)

LOCATING UNDERGROUND UTILITIES 1000 FOOT
12. THE OFFSETS TO ALL INLETS ARE GIVEN TO THE NEAREST EDGE OF PAVEMENT.
13. 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.

14. 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)
5111 WEST MAIN STREET #12
BELLEVILLE, IL 62223
(866) 874-2389

CITY OF BELLEVILLE (SANITARY SEWER)
450 ENVIRONMENTAL DRIVE
BELLEVILLE, IL 62220
(618) 233-7146

CLEARWAVE COMMUNICATIONS
2 NORTH VINE STREET
HARRISBURG, IL 62946
(618) 294-8000

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

MCI/VERIZON COMMUNICATIONS
400 INTERNATIONAL PARKWAY
RICHARDSON, TX 75081
(469) 886-4238

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.

15. HOT-MIX ASPHALT SURFACING AND BINDER QUANTITIES HAVE BEEN DETERMINED USING AN APPLICATION RATE OF 112 LB/SQ YD/INCH. BITUMINOUS MATERIALS (TACK COAT) SHALL BE APPLIED TO THE EXISTING CONCRETE PAVEMENT AT A RATE OF 0.05 LB/SQ FT AND BETWEEN ASPHALT LIFTS AT A RATE OF 0.025 LB/SQ FT. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED TO THE AGGREGATE BASE COURSE, TYPE A, 6" AT A RATE OF 0.25 LB/SQ FT.
16. 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.
17. OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS WILL NOT BE PERMITTED.
18. THE CONTRACTOR SHALL USE PRECAUTIONS DURING CONSTRUCTION TO PROTECT THE STRUCTURAL INTEGRITY OF ALL EXITING BUILDINGS.
19. PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE CURB AND GUTTER AND PCC SIDEWALK THROUGHOUT THE PROJECT.

COMMITMENTS

1. THERE ARE NO COMMITMENTS FOR THIS PROJECT.

HMA MIXTURE DESIGN TABLE

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)*	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% NDES=70	4.0% NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5FG
FRICTION AGG	MIXTURE "D"	MIXTURE "D"

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Belleville, Illinois 62220
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PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO.
184,004,773
20-5080596

PREPARED BY:

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: GENERAL NOTES AND COMMITMENTS

PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	2
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 2 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

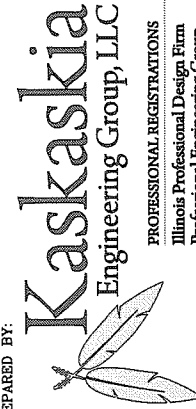
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
25000100	SEEDING, CLASS 1	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100115	MULCH, METHOD 2	ACRE	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7
28000500	INLET AND PIPE PROTECTION	EACH	20
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	43
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	2
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,643
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	458
40600990	TEMPORARY RAMP	SQ YD	1,007
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	1,826
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,826
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	43
42001300	PROTECTIVE COAT	SQ YD	693
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	50
42400800	DETECTABLE WARNINGS	SQ FT	419
44000100	PAVEMENT REMOVAL	SQ YD	43
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	21,229
44000300	CURB REMOVAL	FOOT	626
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	220
44000600	SIDEWALK REMOVAL	SQ FT	5,424
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	12
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	4
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	2
60261500	INLETS TO BE ADJUSTED WITH NEW TYPE 15 FRAME AND LID	EACH	1
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,878
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	619
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	463
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12,692
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,488
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	659
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	123
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	31
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	157
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	463

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12,692
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,424
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	648
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	123
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	64
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	11
Δ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	22
Δ 87301505	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 1 PAIR	FOOT	35
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	324
Z0012450	CONCRETE STEPS	CU YD	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	1,000
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	1,584
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	3,435
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	627.5
X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	219.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	6,346
Δ X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
# 20076600	TRAINEES	Hour	1,000
# 20076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1,000
Δ SPECIALTY ITEMS			
# 0042			

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PREPARED BY:

CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

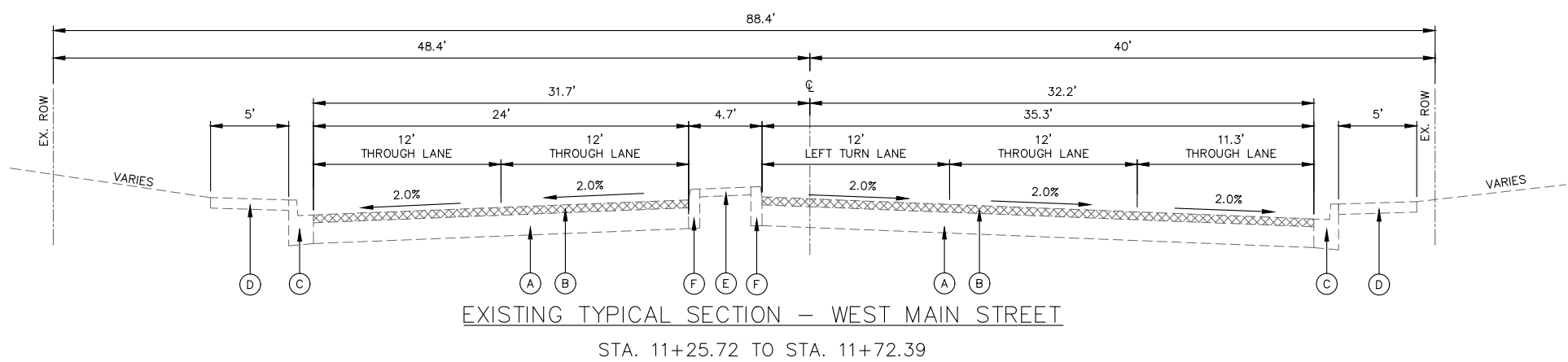
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SHEET TITLE:
SUMMARY OF QUANTITIES

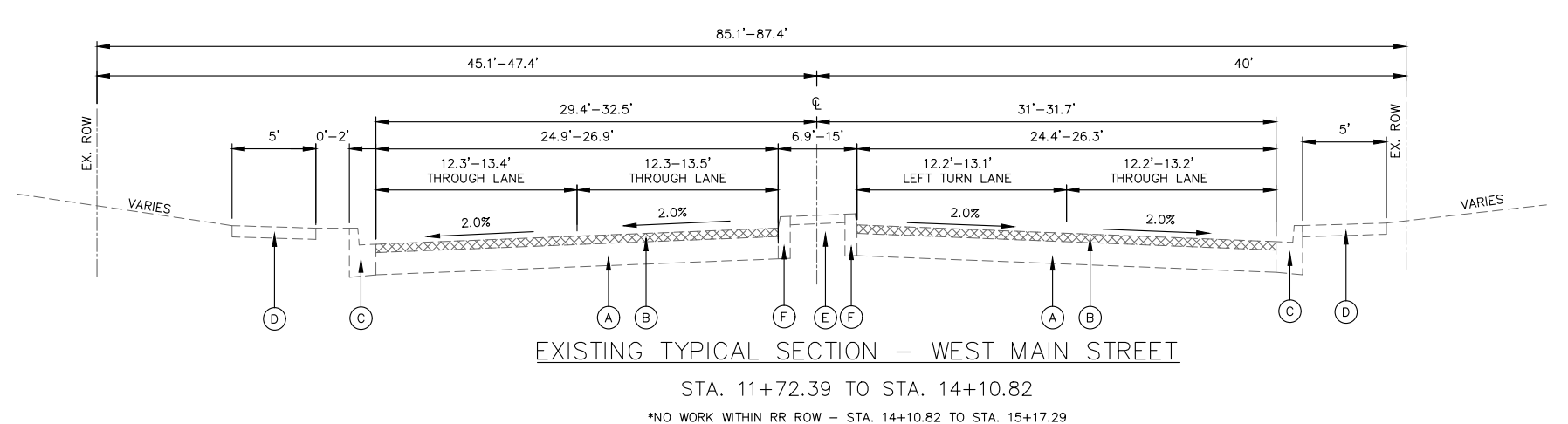
PROJECT TITLE:
**WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	3
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 3 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

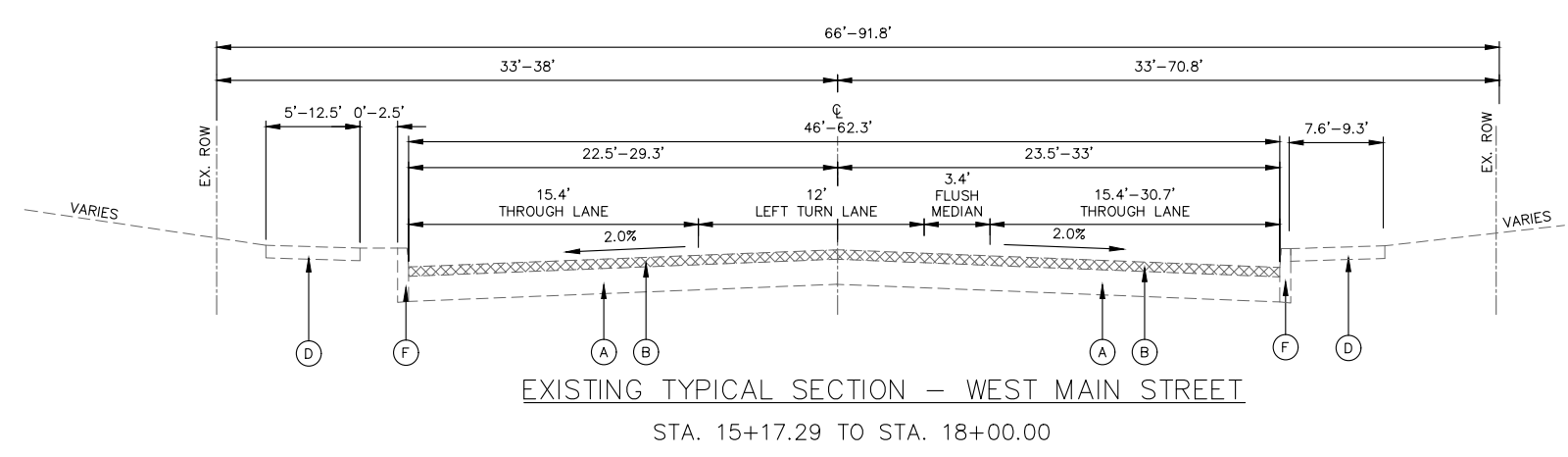
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EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 11+25.72 TO STA. 11+72.39



EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 11+72.39 TO STA. 14+10.82
*NO WORK WITHIN RR ROW - STA. 14+10.82 TO STA. 15+17.29



EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 15+17.29 TO STA. 18+00.00

- EXISTING LEGEND
- (A) EXISTING CONCRETE PAVEMENT
 - (B) EXISTING 3" ASPHALT PAVEMENT OVERLAY TO BE MILLED
 - (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (D) EXISTING CONCRETE SIDEWALK
 - (E) EXISTING CONCRETE MEDIAN
 - (F) EXISTING CONCRETE BARRIER CURB
 - [Hatched Box] TO BE REMOVED

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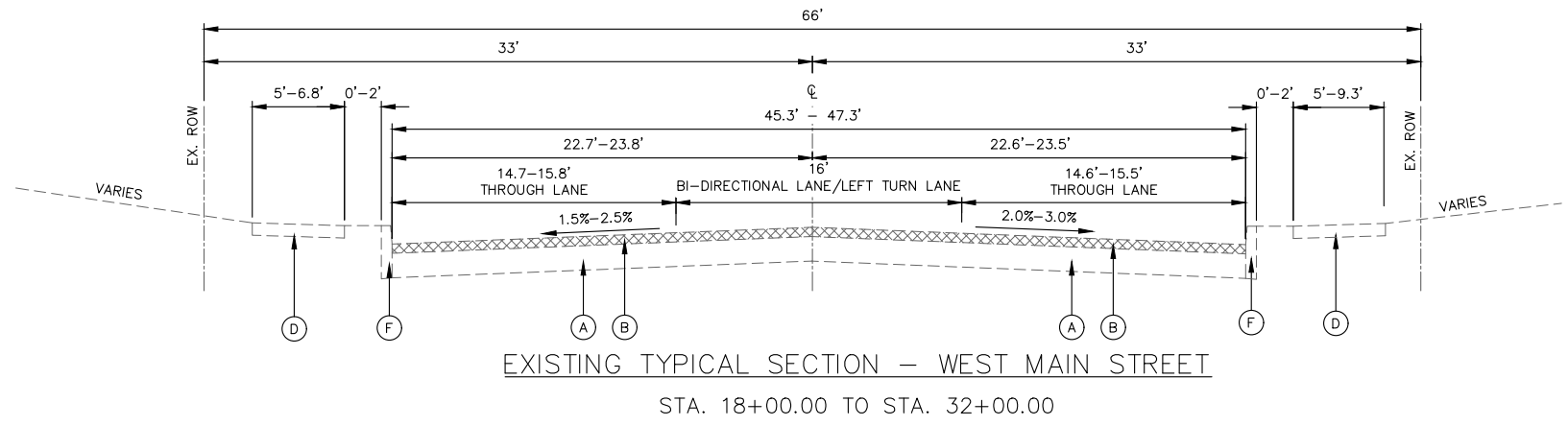
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TYPICAL SECTIONS

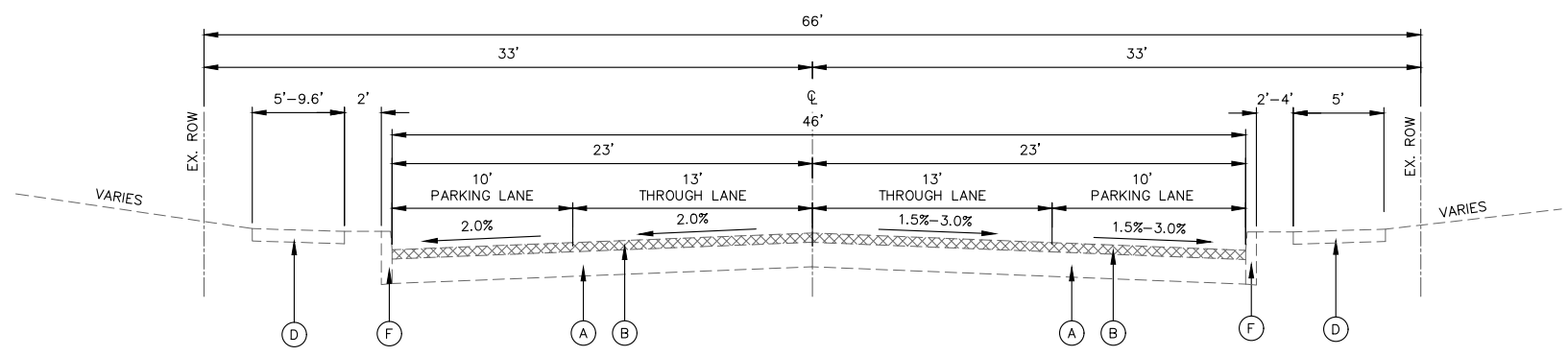
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CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	4
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 4 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

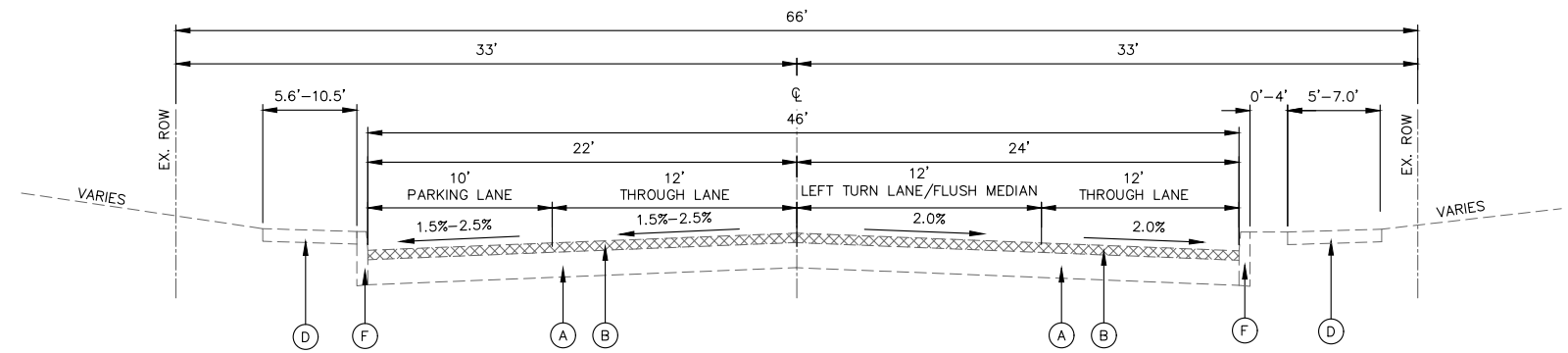
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EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 18+00.00 TO STA. 32+00.00



EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 32+00.00 TO STA. 47+00.00



EXISTING TYPICAL SECTION - WEST MAIN STREET
STA. 47+00.00 TO STA. 51+59.06

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT
- (B) EXISTING 3" ASPHALT PAVEMENT OVERLAY TO BE MILLED
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) EXISTING CONCRETE SIDEWALK
- (E) EXISTING CONCRETE MEDIAN
- (F) EXISTING CONCRETE BARRIER CURB
- [Cross-hatched box] TO BE REMOVED

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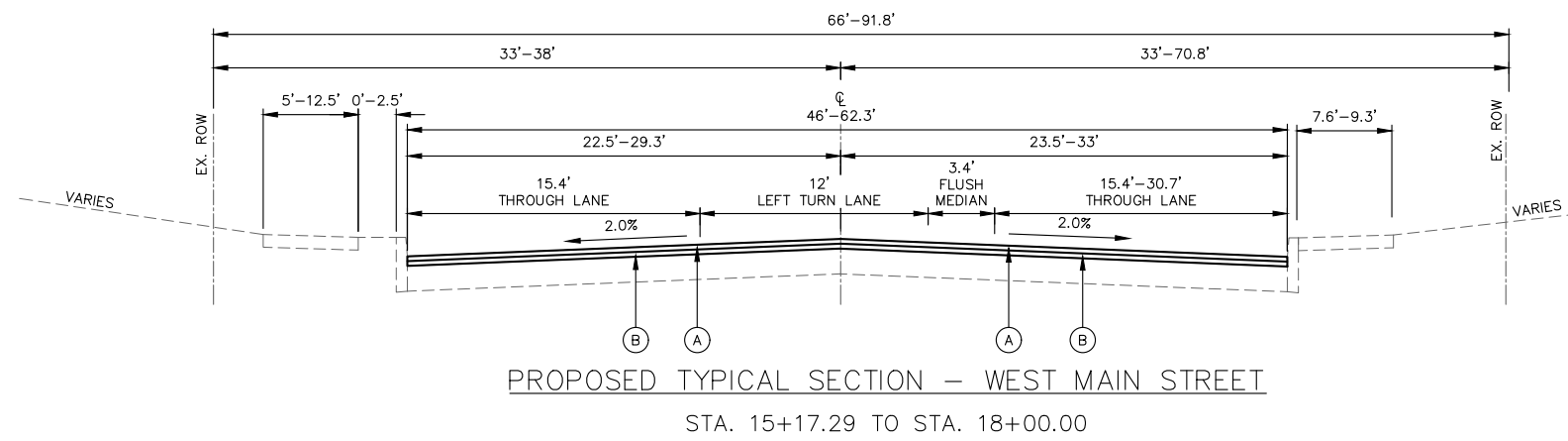
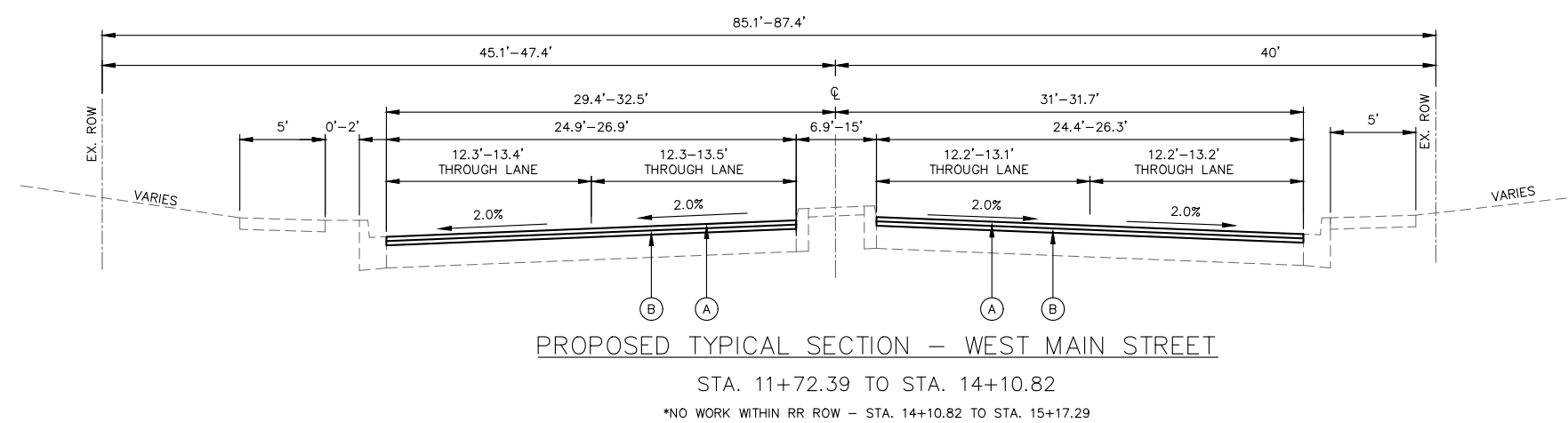
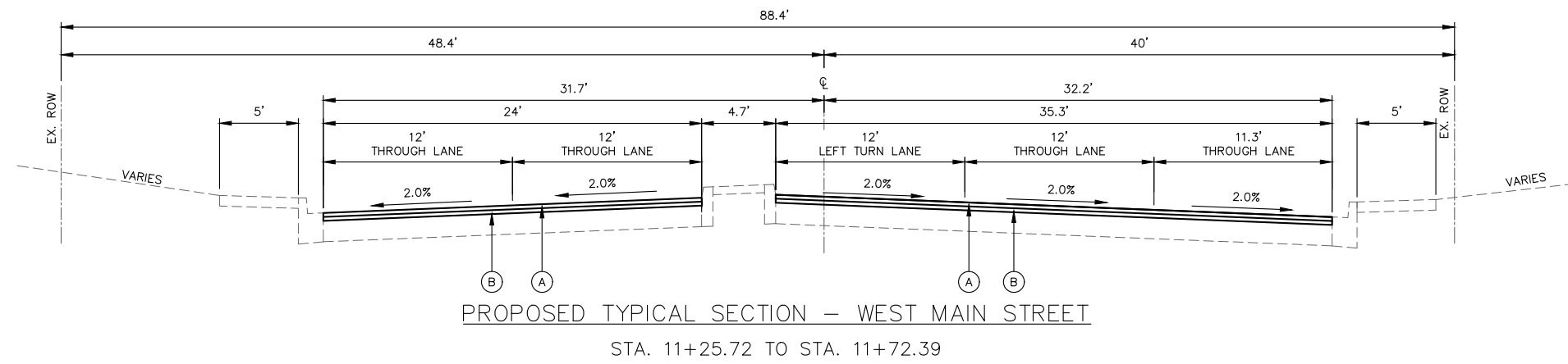
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TYPICAL SECTIONS
WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	5
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 5	OF 51 SHEETS	
PROJECT NUMBER	19-1032	

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50, 1 1/2"



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Belleville, Illinois 62220
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www.kaskasiaeng.com

Kaskasia
Engineering Group, LLC

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LICENSE NO. 184,004773
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PREPARED BY:

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SEC. NO. 15-00176-05-RS

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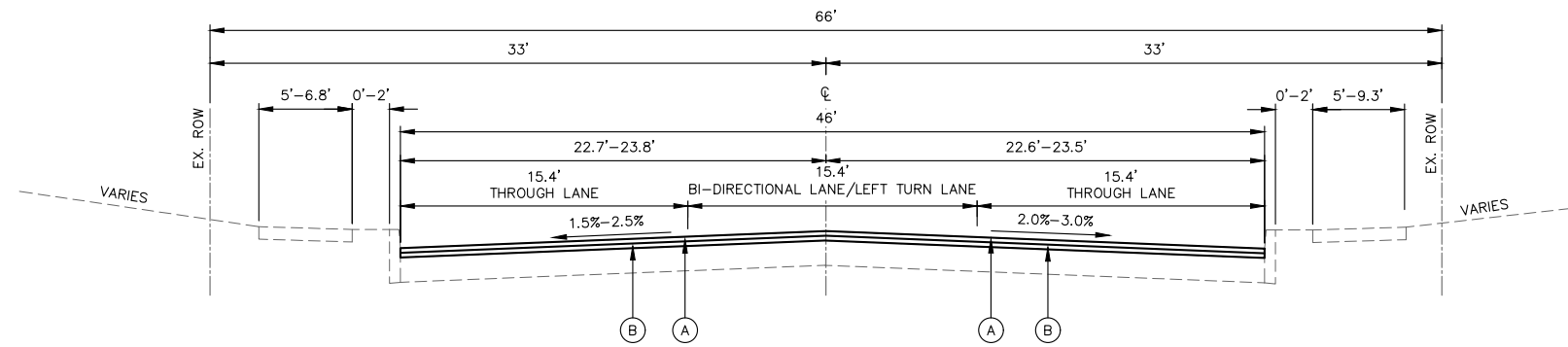
TYPICAL SECTIONS

SHEET TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

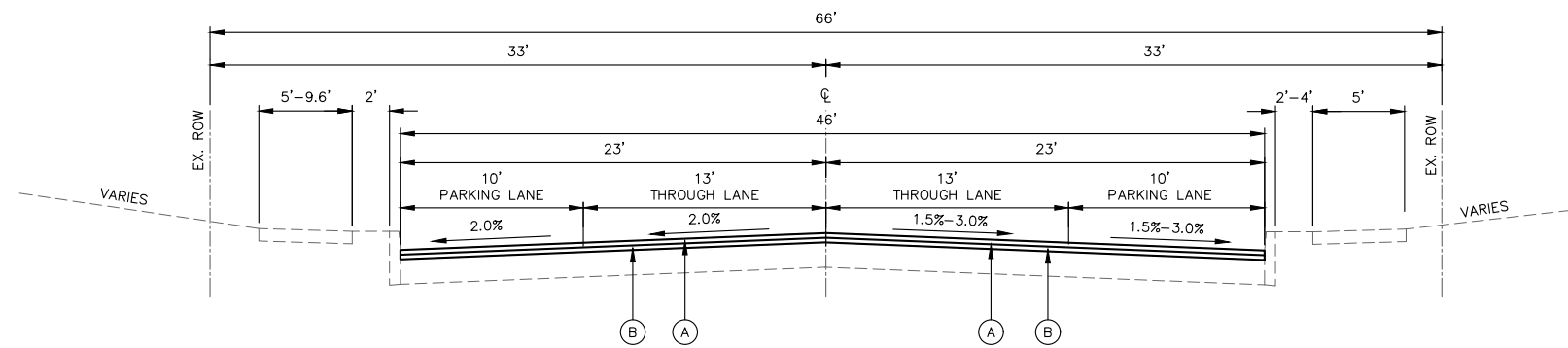
DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	6
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 6 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032.00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_Typicals.dwg

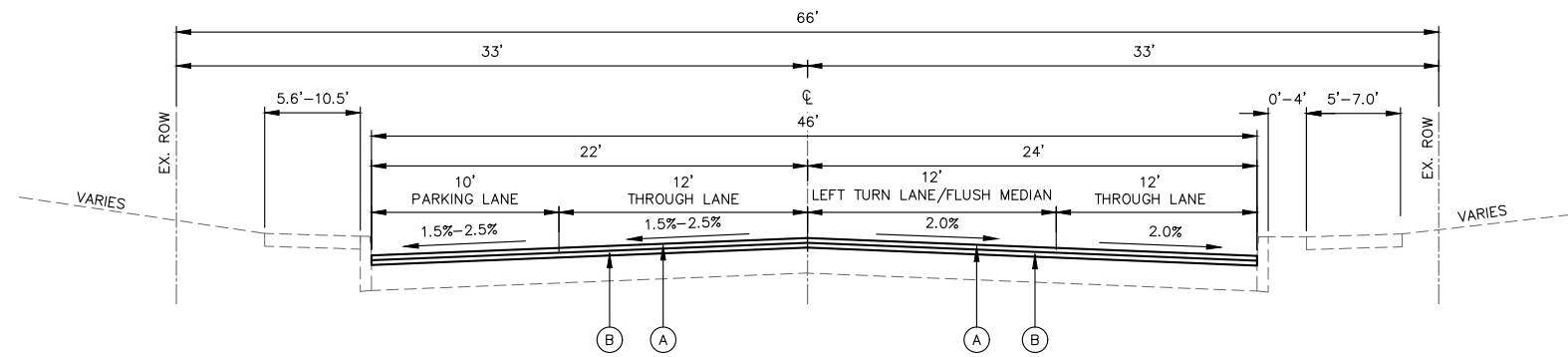
LAST PLOTTED: 12/17/2020 10:27 AM OPERATOR: JLT



PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 18+00.00 TO STA. 32+00.00



PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 32+00.00 TO STA. 47+00.00




PROPOSED TYPICAL SECTION – WEST MAIN STREET
STA. 47+00.00 TO STA. 51+59.06

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50, 1 1/2"

PREPARED BY:



Kaskaskia
Engineering Group, LLC

PROFESSIONAL REGISTRATIONS
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618.233.5977 phone
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www.kaskaskieng.com

LICENSE NO. 184,004773
20-5080596

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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△		

SHEET TITLE: TYPICAL SECTIONS

PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	7
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 7 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

CURB & GUTTER SCHEDULE

LOCATION			OFFSET	CURB REM (FOOT)	COMB CURB GUTTER REM (FOOT)	CONC CURB TB SPL (FOOT)	COMB CC&G TB6.12 SPL (FOOT)	PROTECTIVE COAT (SQ YD)
WEST MAIN STREET								
N 28TH ST	TO	S 27TH ST	LT	76	98	77.0	98.5	31
N 28TH ST	TO	S 27TH ST	RT	8	12	7.5	12.0	4
S 27TH ST	TO	N 24TH ST	LT	20		20.5		3
S 27TH ST	TO	N 24TH ST	RT	32		32.0		4
N 24TH ST	TO	N 23RD ST	LT	21		22.0		3
N 24TH ST	TO	S 23RD ST	RT	70		70.0		8
N 23RD ST	TO	S 22ND ST	LT					
S 23RD ST	TO	S 22ND ST	RT					
S 22ND ST	TO	N 21ST ST	LT	64		26.0		3
S 22ND ST	TO	S 21ST ST	RT	18	33	17.5	32.5	10
N 21ST ST	TO	N 20TH ST	LT	13		51.0		6
S 21ST ST	TO	S 20TH ST	RT	43	37	42.5	36.0	13
N 20TH ST	TO	S 19TH ST	LT	31		30.5		4
S 20TH ST	TO	S 19TH ST	RT	23	40	23.5	40.0	12
S 19TH ST	TO	N 18TH ST	LT	72		72.5		9
S 19TH ST	TO	S 18TH ST	RT	44		44.5		5
N 18TH ST	TO	END	LT	40		39.5		5
S 18TH ST	TO	END	RT	51		51.0		6
TOTAL				626	220	628	219.0	126

SIDEWALK SCHEDULE

LOCATION			OFFSET	SIDEWALK REMOVAL (SQ FT)	PC CONC SIDEWALK 4 SP (SQ FT)	PC CONC SIDEWALK 6 SP (SQ FT)	PROTECTIVE COAT (SQ YD)	DETECTABLE WARNINGS (SQ FT)	CONCRETE STEPS (CU YD)
WEST MAIN STREET									
N 28TH ST	TO	S 27TH ST	LT	572		608	68	98	
N 28TH ST	TO	S 27TH ST	RT	60		59	7	20	
S 27TH ST	TO	N 24TH ST	LT	757	632	87	80	18	
S 27TH ST	TO	N 24TH ST	RT	72		70	8	16	
N 24TH ST	TO	N 23RD ST	LT	325	269	69	38	16	
N 24TH ST	TO	S 23RD ST	RT	257		291	33	48	
N 23RD ST	TO	S 22ND ST	LT	28	28		4		
S 23RD ST	TO	S 22ND ST	RT						
S 22ND ST	TO	N 21ST ST	LT	288	96	150	28	10	
S 22ND ST	TO	S 21ST ST	RT	297	73	80	17	25	
N 21ST ST	TO	N 20TH ST	LT	204		227	26	29	
S 21ST ST	TO	S 20TH ST	RT	376	47	333	43	32	
N 20TH ST	TO	S 19TH ST	LT	235	25	214	27	13	
S 20TH ST	TO	S 19TH ST	RT	360		390	44	25	1
S 19TH ST	TO	N 18TH ST	LT	470	24	176	23	16	
S 19TH ST	TO	S 18TH ST	RT	271	26	256	32	23	
N 18TH ST	TO	END	LT	368		291	33	16	
S 18TH ST	TO	END	RT	484	364	134	56	14	
TOTAL				5,424	1,584	3,435	567	419	1

TRAFFIC SIGNAL SCHEDULE

LOCATION			OFFSET	UNDRGRD C PVC 2 (FOOT)	ELCBL C LEAD 18 1PR (FOOT)	DET LOOP T1 (FOOT)
WEST MAIN STREET						
N 28TH ST	TO	S 29TH ST	LT	22	35	324
TOTAL				22	35	324

PAVEMENT SCHEDULE

STATION			AGG BASE CSE A 12 (SQ YD)	BIT MATLS TACK CT (POUND)	AGGREGATE- TEMP ACCESS (TON)	HMA SURF REM BUTT JT (SQ YD)	TEMPORARY RAMP (SQ YD)	HMA BC IL-9.5FG N50 (TON)	HMA SC IL-9.5 D N70 (TON)	PCC PVT 8 JOINTED (SQ YD)	PAVEMENT REM (SQ YD)	HMA SURF REM 3 (SQ YD)
WEST MAIN STREET												
N 28TH ST	TO	S 27TH ST	43	1,301	2	87	317	162	162	43	43	1,840
S 27TH ST	TO	N 24TH ST		3,359		136	165	418	418			4,839
N 24TH ST	TO	N 23RD ST		1,854		17	70	231	231			2,729
N 23RD ST	TO	S 22ND ST		1,427		85	117	178	178			2,029
S 22ND ST	TO	N 21ST ST		1,220		17	56	152	152			1,790
N 21ST ST	TO	N 20TH ST		1,515		42	54	189	189			2,201
N 20TH ST	TO	S 19TH ST		1,344		17	69	168	168			1,973
S 19TH ST	TO	N 18TH ST		1,585		33	66	198	198			2,315
N 18TH ST	TO	END		1,038		24	93	130	130			1,513
TOTAL			43	14,643	2	458	1,007	1,826	1,826	43	43	21,229

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PREPARED BY:

PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group

LICENSE NO.
184,004,773
20-5080586

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SCHEDULES

SHEET TITLE:

WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 8 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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)	THPL PVT MK LINE 24 (FOOT)	PAINT PVT MK LINE 6 (FOOT)	PAINT PVT MK LINE 12 (FOOT)
WEST MAIN STREET									
N 28TH ST	TO	S 27TH ST	164	475	220	48	70	64	11
S 27TH ST	TO	N 24TH ST	173	2,625	266	108	53		
N 24TH ST	TO	N 23RD ST	80	1,713	205	91			
N 23RD ST	TO	S 22ND ST	9	1,422	168	133			
S 22ND ST	TO	N 21ST ST	7	1,239	93	41			
N 21ST ST	TO	N 20TH ST	7	1,317	231	35			
N 20TH ST	TO	S 19TH ST	4	1,330	80	17			
S 19TH ST	TO	N 18TH ST	7	976	161	34			
N 18TH ST	TO	END	12	1,595		141			
TOTAL			463	12,692	1,424	648	123	64	11

TEMPORARY PAVEMENT MARKING SCHEDULE

STATION			SHORT TERM PAVT MKING (FOOT)	SHRT TRM PAVT MK REM (SQ FT)	TEMP PVT MK LTR & SYM (SQ FT)	TEMP PVT MK LINE 4 (FOOT)	TEMP PVT MK LINE 6 (FOOT)	TEMP PVT MK LINE 12 (FOOT)	TEMP PVT MK LINE 24 (FOOT)	TEMP PAVT MKING REMOV (SQ FT)
WEST MAIN STREET										
N 28TH ST	TO	S 27TH ST	173	57	164	475	284	59	70	664
S 27TH ST	TO	N 24TH ST	437	144	173	2,625	266	108	53	1,395
N 24TH ST	TO	N 23RD ST	327	108	80	1,713	205	91		845
N 23RD ST	TO	S 22ND ST	265	87	9	1,422	168	133		700
S 22ND ST	TO	N 21ST ST	148	49	7	1,239	93	41		508
N 21ST ST	TO	N 20TH ST	173	57	7	1,317	231	35		597
N 20TH ST	TO	S 19TH ST	102	34	4	1,330	80	17		505
S 19TH ST	TO	N 18TH ST	157	52	7	976	161	34		447
N 18TH ST	TO	END	96	32	12	1,595		141		685
TOTAL			1,878	619	463	12,692	1,488	659	123	6,346

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	DESCRIPTION	DIMENSIONS		SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	REMOV SIN PAN ASSY TA (EACH)	COMMENT
				W (INCH)	H (INCH)				
WEST MAIN STREET									
23+91	30.75' LT	R1-1						1	EXISTING R1-1
23+93	33.00' LT	R1-1	STOP SIGN	30.0	30.00	6.3	15		
26+32	32.37' RT	R1-1						1	EXISTING R1-1
26+31	33.37' RT	R1-1	STOP SIGN	30.0	30.00	6.3	15		
35+11	24.75' LT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
36+82	25.00' RT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
38+24	24.75' RT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
40+00	25.50' LT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
41+19	25.50' RT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
44+54	39.50' RT	R1-1	STOP SIGN	30.0	30.00	6.3	15		
44+60	24.85' RT	R1-1						1	EXISTING R1-1
47+79	25.75' RT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
48+43	25.50' LT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
49+75	24.00' LT	R7-8	HANDICAP ACCESSIBLE PARKING	12.0	18.00	1.5	14		
TOTAL						31	167	3	

NOTES: 1. ALL STATIONS ARE APPROXIMATE. SIGNS SHALL BE ERECTED ACCORDING TO HIGHWAY STANDARD 720006.
2. THE WORK OF REMOVING, CLEANING, AND REINSTALLING EXISTING STREET SIGNS ON NEW TELESCOPING 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 TELESCOPING STEEL SIGN SUPPORT.

SEEDING SCHEDULE

LOCATION			OFFSET	SEEDING CL 1 (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)
WEST MAIN STREET								
N 28TH ST	TO	S 29TH ST	LT	0.01	0.9	0.9	0.9	0.01
N 28TH ST	TO	S 29TH ST	RT					
S 29TH ST	TO	N 24TH ST	LT					
S 29TH ST	TO	N 24TH ST	RT					
N 24TH ST	TO	N 23RD ST	LT					
N 24TH ST	TO	S 23RD ST	RT					
N 23RD ST	TO	S 22ND ST	LT					
S 23RD ST	TO	S 22ND ST	RT					
S 22ND ST	TO	N 21ST ST	LT					
S 22ND ST	TO	S 21ST ST	RT					
N 21ST ST	TO	N 20TH ST	LT	0.01	0.9	0.9	0.9	0.01
S 21ST ST	TO	S 20TH ST	RT	0.01	0.9	0.9	0.9	0.01
N 20TH ST	TO	S 19TH ST	LT					
S 20TH ST	TO	S 19TH ST	RT					
S 19TH ST	TO	N 18TH ST	LT	0.01	0.9	0.9	0.9	0.01
S 19TH ST	TO	S 18TH ST	RT	0.01	0.9	0.9	0.9	0.01
N 18TH ST	TO	END	LT	0.01	0.9	0.9	0.9	0.01
S 18TH ST	TO	END	RT	0.01	0.9	0.9	0.9	0.01
TOTAL				0.25	23	23	23	0.25

EROSION CONTROL SCHEDULE

LOCATION			OFFSET	INLET & PIPE PROTECT (EACH)	TEMP EROS CONTR SEED (POUND)
WEST MAIN STREET					
N 28TH ST	TO	S 29TH ST	LT	3	0.9
N 28TH ST	TO	S 29TH ST	RT	2	
S 29TH ST	TO	N 24TH ST	LT	1	
S 29TH ST	TO	N 24TH ST	RT	3	
N 24TH ST	TO	N 23RD ST	LT		
N 24TH ST	TO	S 23RD ST	RT		
N 23RD ST	TO	S 22ND ST	LT	1	
S 23RD ST	TO	S 22ND ST	RT	2	
S 22ND ST	TO	N 21ST ST	LT	1	
S 22ND ST	TO	S 21ST ST	RT	1	
N 21ST ST	TO	N 20TH ST	LT	1	0.9
S 21ST ST	TO	S 20TH ST	RT	1	0.9
N 20TH ST	TO	S 19TH ST	LT	1	
S 20TH ST	TO	S 19TH ST	RT		
S 19TH ST	TO	N 18TH ST	LT	1	0.9
S 19TH ST	TO	S 18TH ST	RT		0.9
N 18TH ST	TO	END	LT	1	0.9
S 18TH ST	TO	END	RT	1	0.9
TOTAL				20	7

ENTRANCE SCHEDULE

STATION	OFFSET	ENTRANCE TYPE	EXISTING SURFACE TYPE	ENTRANCE WIDTH "W" (FOOT)	PCC DRIVEWAY PAVT 8 (SQ YD)
WEST MAIN STREET					
33+56.28	RT	COMMERCIAL	pl CONCRETE	25.0	18
48+14.40	LT	COMMERCIAL	CONCRETE	24.0	32
TOTAL					50

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PREPARED BY:

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SCHEDULES
PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	9
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 9 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CADD\CADD Sheets\19-1032_GN and Schedules.dwg

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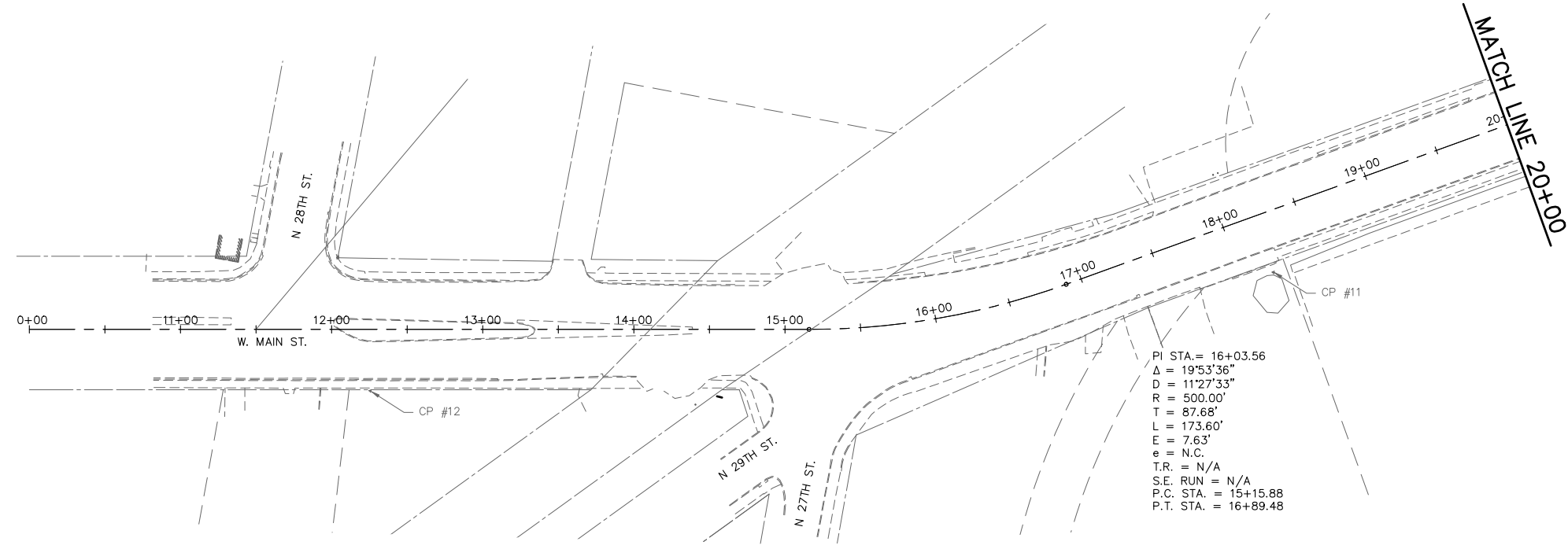
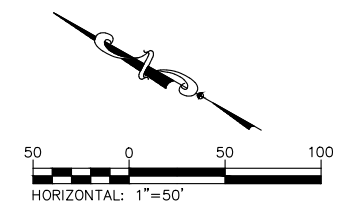
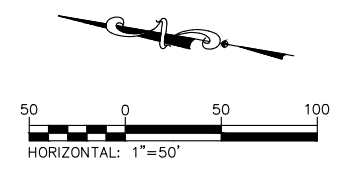
LICENSE NO. 184,004,773
 20-5080596

CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: ALIGNMENT, TIES, AND BENCHMARKS
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT
 DRAWN BY: JLT
 CHECKED BY: LDC
 DATE OF PRELIMINARY: 11/13/2020
 DATE OF FINAL: 12/16/2020
 SHEET NO. 10 OF 51 SHEETS
 PROJECT NUMBER 19-1032

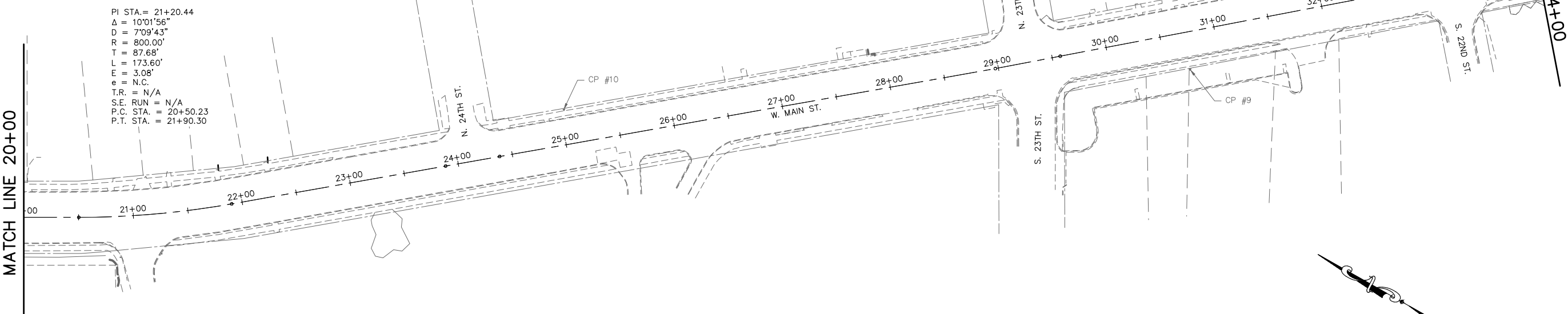


ALIGNMENT COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
WEST MAIN STREET				
POT	677383.14	2340864.89	10+00.00	0.00'
PC	676874.50	2340951.05	15+15.88	0.00'
PT	676711.74	2341008.88	16+89.48	0.00'
PC	676397.79	2341186.56	20+50.23	0.00'
PT	676282.53	2341265.84	21+90.30	0.00'
POT	676129.80	2341391.91	23+88.34	0.00'
POT	676091.23	2341423.75	24+38.35	0.00'
POT	675737.51	2341716.01	28+97.19	0.00'
POT	675691.60	2341754.98	29+57.42	0.00'
POT	675173.16	2342195.06	36+37.45	0.00'
POT	675127.34	2342234.12	36+97.66	0.00'
PC	674873.83	2342454.54	40+33.59	0.00'
PT	674786.75	2342540.13	41+55.77	0.00'
PC	674781.25	2342546.23	41+63.99	0.00'
PT	674743.83	2342589.86	42+21.47	0.00'
PC	674698.98	2342644.76	42+92.36	0.00'
PT	674682.19	2342665.78	43+19.26	0.00'
PC	674603.52	2342766.61	44+47.15	0.00'
PT	674586.41	2342789.08	44+75.39	0.00'
PC	674463.09	2342955.02	46+82.14	0.00'
PT	674441.76	2342984.66	47+18.66	0.00'
POT	674092.84	2343485.34	53+28.93	0.00'

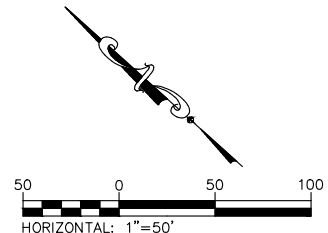
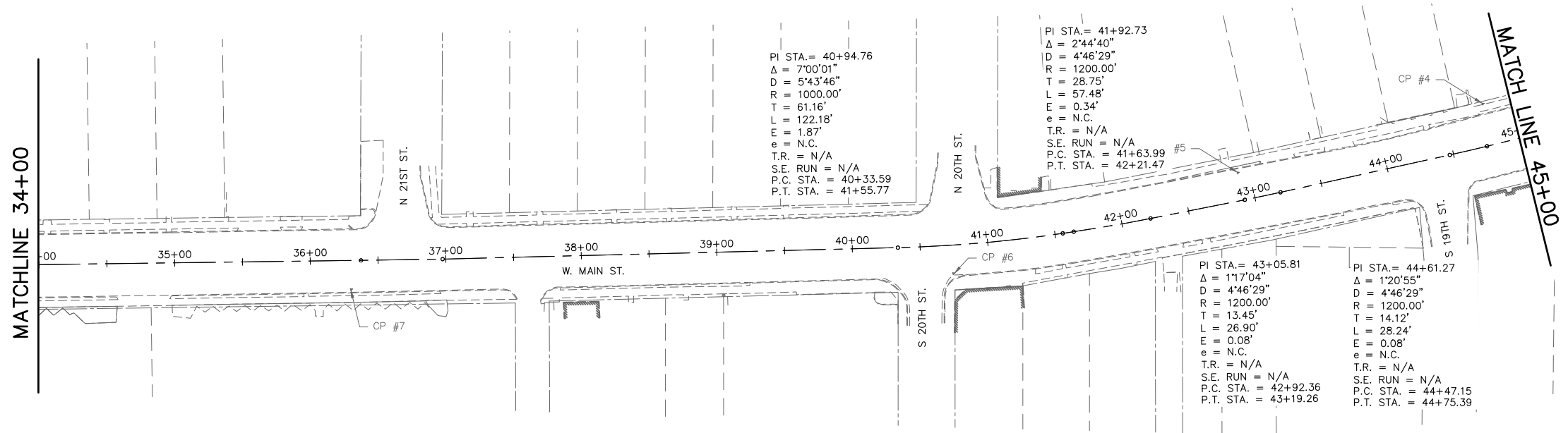
CONTROL POINTS AND BENCHMARKS

CONTROL POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
WEST MAIN STREET						
2	674202.46	2343392.35	51+89.96	36.77	535.70	CP IRS
3	674337.27	2343073.92	48+51.63	34.69	533.89	CP IRS
4	674608.70	2342811.24	44+79.89	31.11	541.16	CP IRS
5	674715.63	2342656.94	42+91.26	20.60	541.70	CP PK NAIL
6	674830.01	2342465.94	40+73.32	20.95	542.74	CP PK NAIL
7	675165.06	2342173.91	36+29.94	21.36	544.54	CP PK NAIL
8	675430.16	2342024.09	33+30.88	35.98	546.84	CP IRS
9	675582.62	2341802.68	30+71.37	34.16	547.34	CP IRS
10	676061.26	2341489.67	25+03.45	31.73	548.60	CP PK NAIL
11	676577.95	2341039.57	18+21.04	39.19	552.96	CP IRS
12	677153.99	2340862.42	12+25.52	40.7	556.21	CP IRS



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FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_AlignBM.dwg

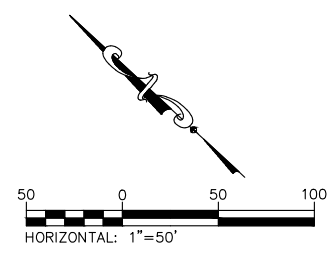
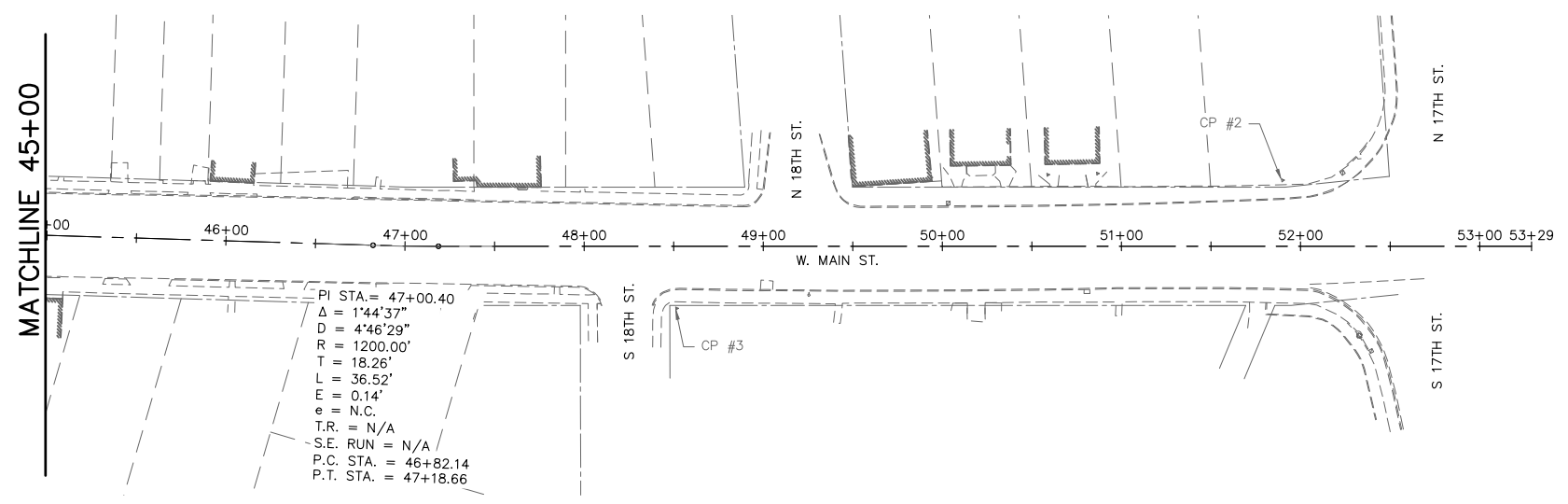


ALIGNMENT COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
WEST MAIN STREET				
POT	677383.14	2340864.89	10+00.00	0.00'
PC	676874.50	2340951.05	15+15.88	0.00'
PT	676711.74	2341008.88	16+89.48	0.00'
PC	676397.79	2341186.56	20+50.23	0.00'
PT	676282.53	2341265.84	21+90.30	0.00'
POT	676129.80	2341391.91	23+88.34	0.00'
POT	676091.23	2341423.75	24+38.35	0.00'
POT	675737.51	2341716.01	28+97.19	0.00'
POT	675691.60	2341754.98	29+57.42	0.00'
POT	675173.16	2342195.06	36+37.45	0.00'
POT	675127.34	2342234.12	36+97.66	0.00'
PC	674873.83	2342454.54	40+33.59	0.00'
PT	674786.75	2342540.13	41+55.77	0.00'
PC	674781.25	2342546.23	41+63.99	0.00'
PT	674743.83	2342589.86	42+21.47	0.00'
PC	674698.98	2342644.76	42+92.36	0.00'
PT	674682.19	2342665.78	43+19.26	0.00'
PC	674603.52	2342766.61	44+47.15	0.00'
PT	674586.41	2342789.08	44+75.39	0.00'
PC	674463.09	2342955.02	46+82.14	0.00'
PT	674441.76	2342984.66	47+18.66	0.00'
POT	674092.84	2343485.34	53+28.93	0.00'

CONTROL POINTS AND BENCHMARKS

CONTROL POINT NUMBER	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
WEST MAIN STREET						
2	674202.46	2343392.35	51+89.96	36.77	535.70	CP IRS
3	674337.27	2343073.92	48+51.63	34.69	533.89	CP IRS
4	674608.70	2342811.24	44+79.89	31.11	541.16	CP IRS
5	674715.63	2342656.94	42+91.26	20.60	541.70	CP PK NAIL
6	674830.01	2342465.94	40+73.32	20.95	542.74	CP PK NAIL
7	675165.06	2342173.91	36+29.94	21.36	544.54	CP PK NAIL
8	675430.16	2342024.09	33+30.88	35.98	546.84	CP IRS
9	675582.62	2341802.68	30+71.37	34.16	547.34	CP IRS
10	676061.26	2341489.67	25+03.45	31.73	548.60	CP PK NAIL
11	676577.95	2341039.57	18+21.04	39.19	552.96	CP IRS
12	677153.99	2340862.42	12+25.52	40.7	556.21	CP IRS



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 SEC. NO. 15-00176-05-RS

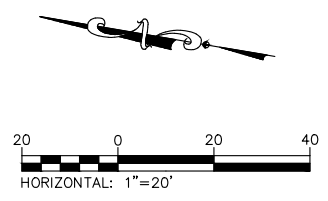
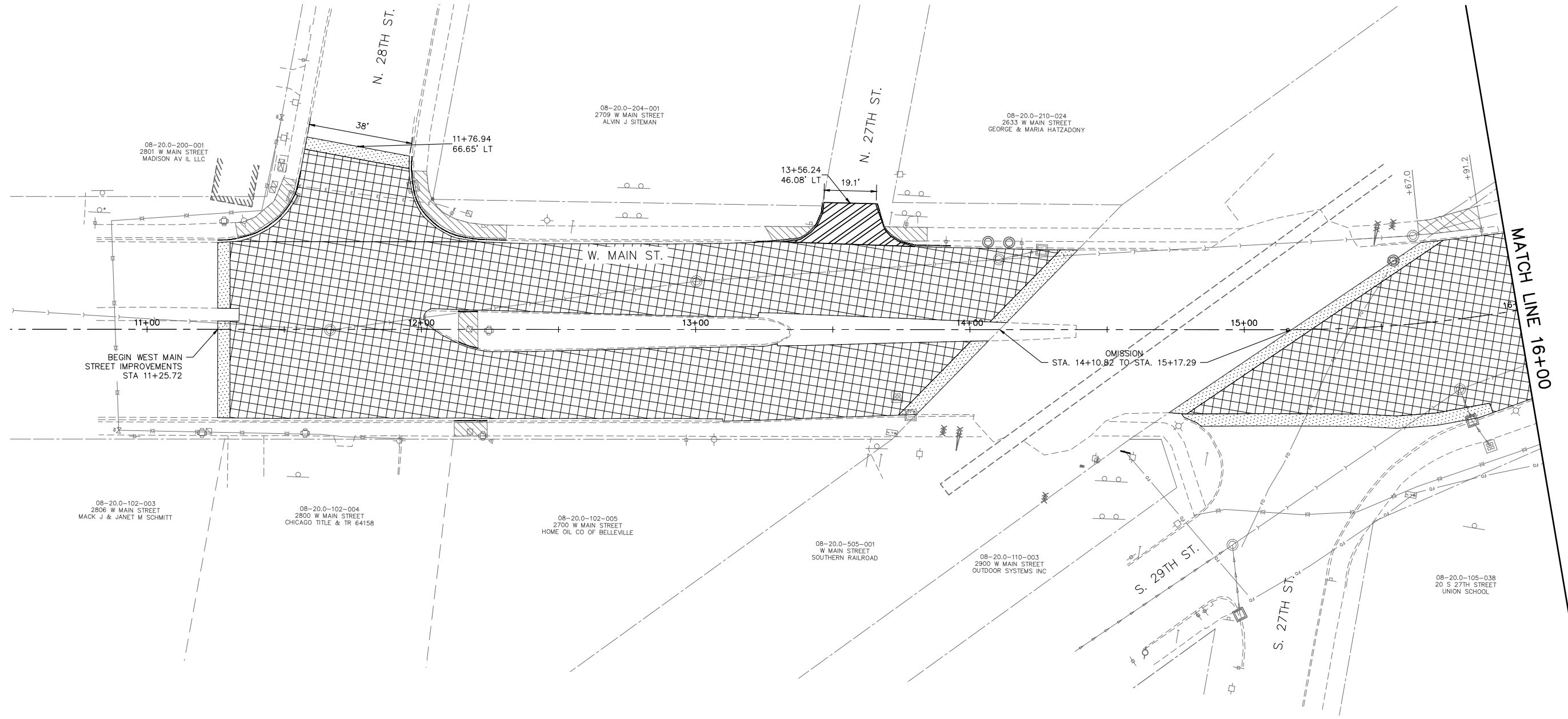
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SHEET TITLE: **ALIGNMENT, TIES, AND BENCHMARKS**
 PROJECT TITLE: **WEST MAIN STREET RESURFACING (17TH ST - 28TH ST) CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	11
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 11 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_Removels.dwg

LAST PLOTTED: 12/17/2020 10:29 AM OPERATOR: JLT



LEGEND

- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT REMOVAL

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 20-5080596

CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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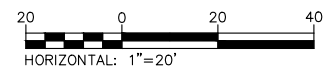
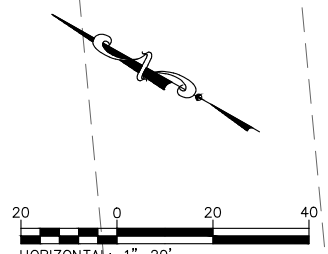
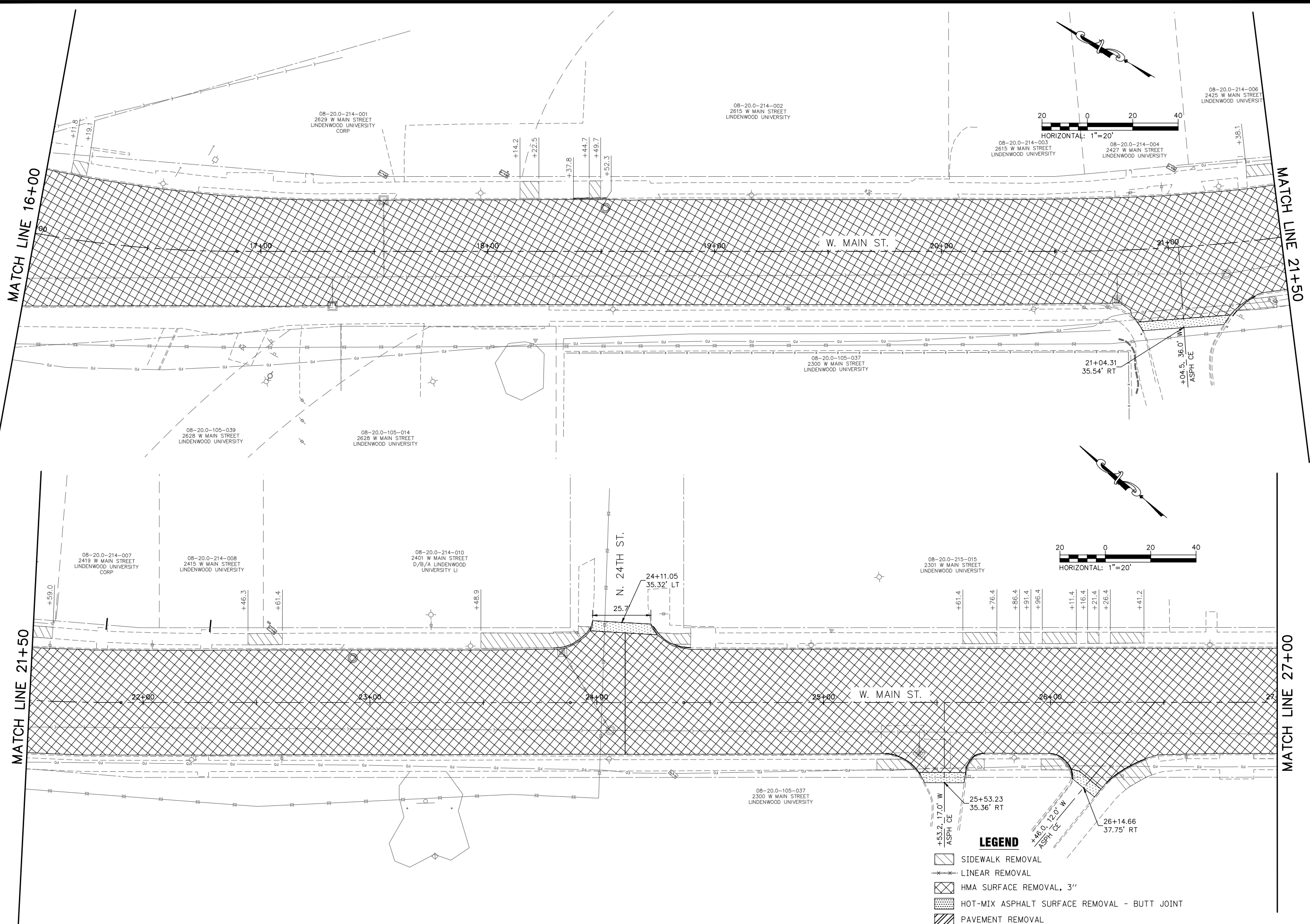
REMOVAL PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	12
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 12 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032.00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_Removels.dwg

LAST PLOTTED: 12/17/2020 10:29 AM OPERATOR: JLT



- LEGEND**
- SIDEWALK REMOVAL
 - LINEAR REMOVAL
 - HMA SURFACE REMOVAL, 3"
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT REMOVAL

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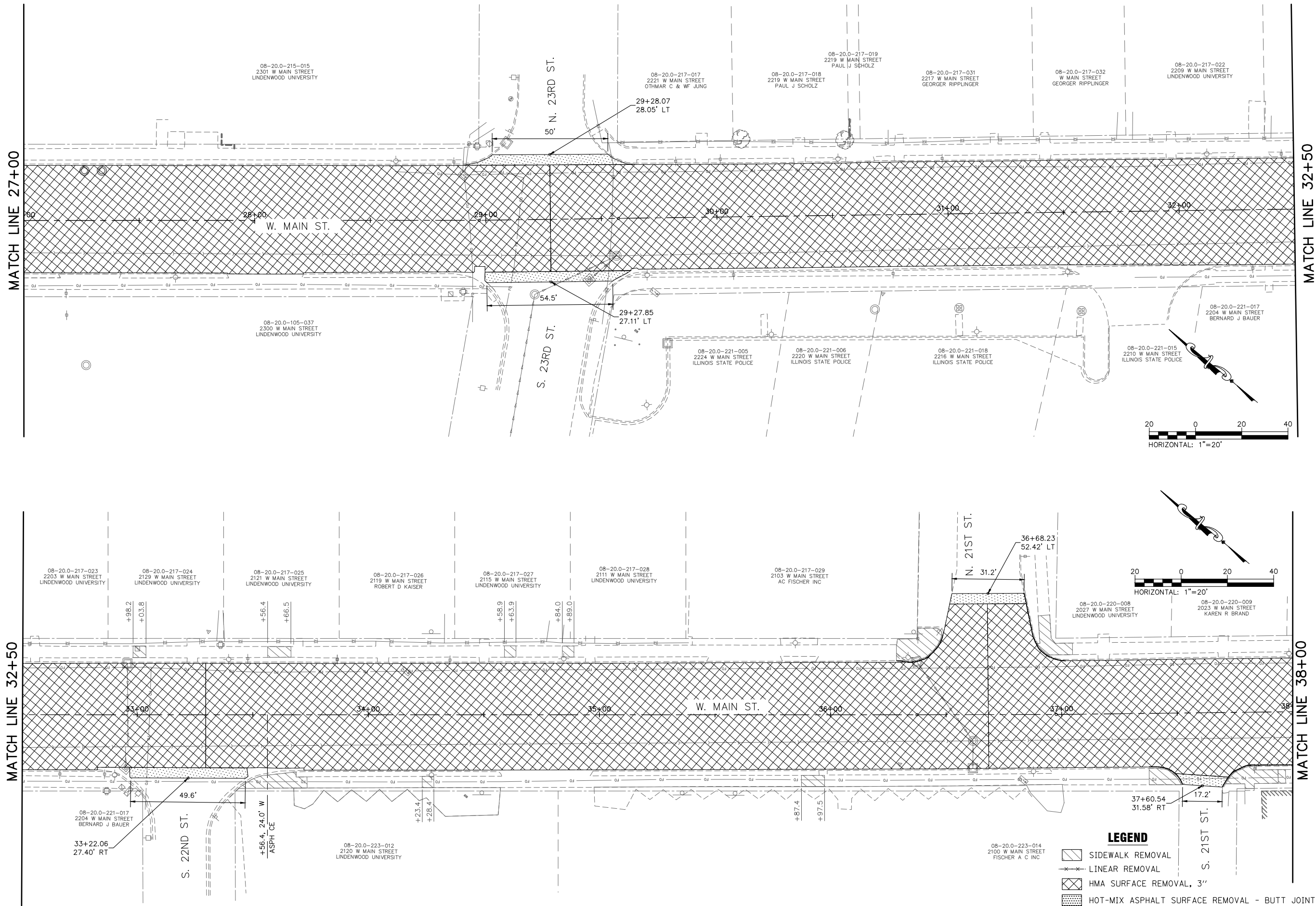
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: **REMOVAL PLAN**
 PROJECT TITLE: **WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	13
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 13 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_Removals.dwg



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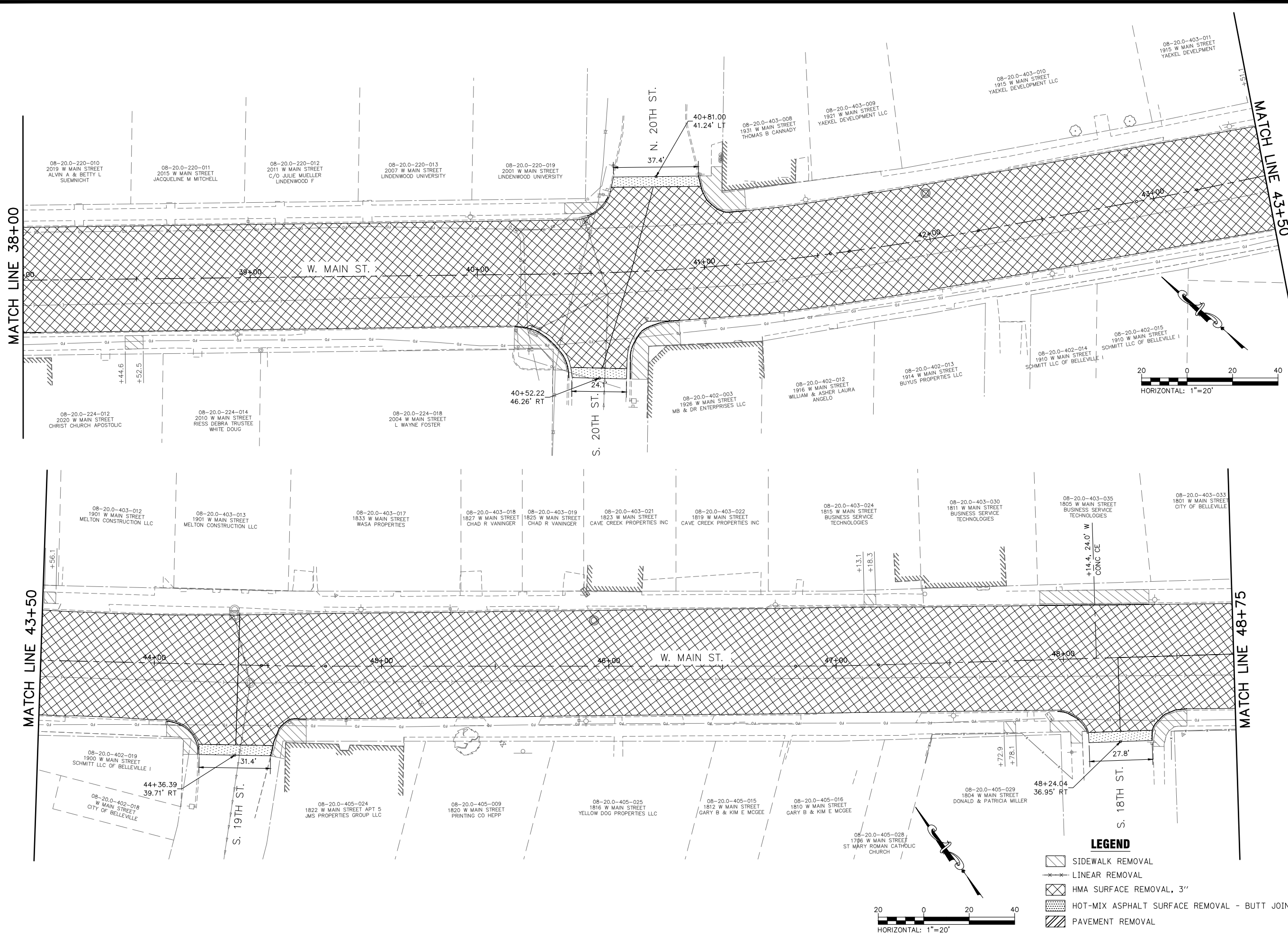
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SHEET TITLE: REMOVAL PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

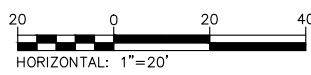
DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	14
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 14 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032.00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_Removals.dwg



LEGEND

	SIDEWALK REMOVAL
	LINEAR REMOVAL
	HMA SURFACE REMOVAL, 3"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PAVEMENT REMOVAL



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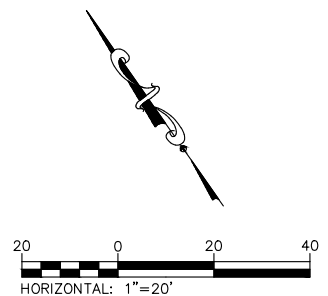
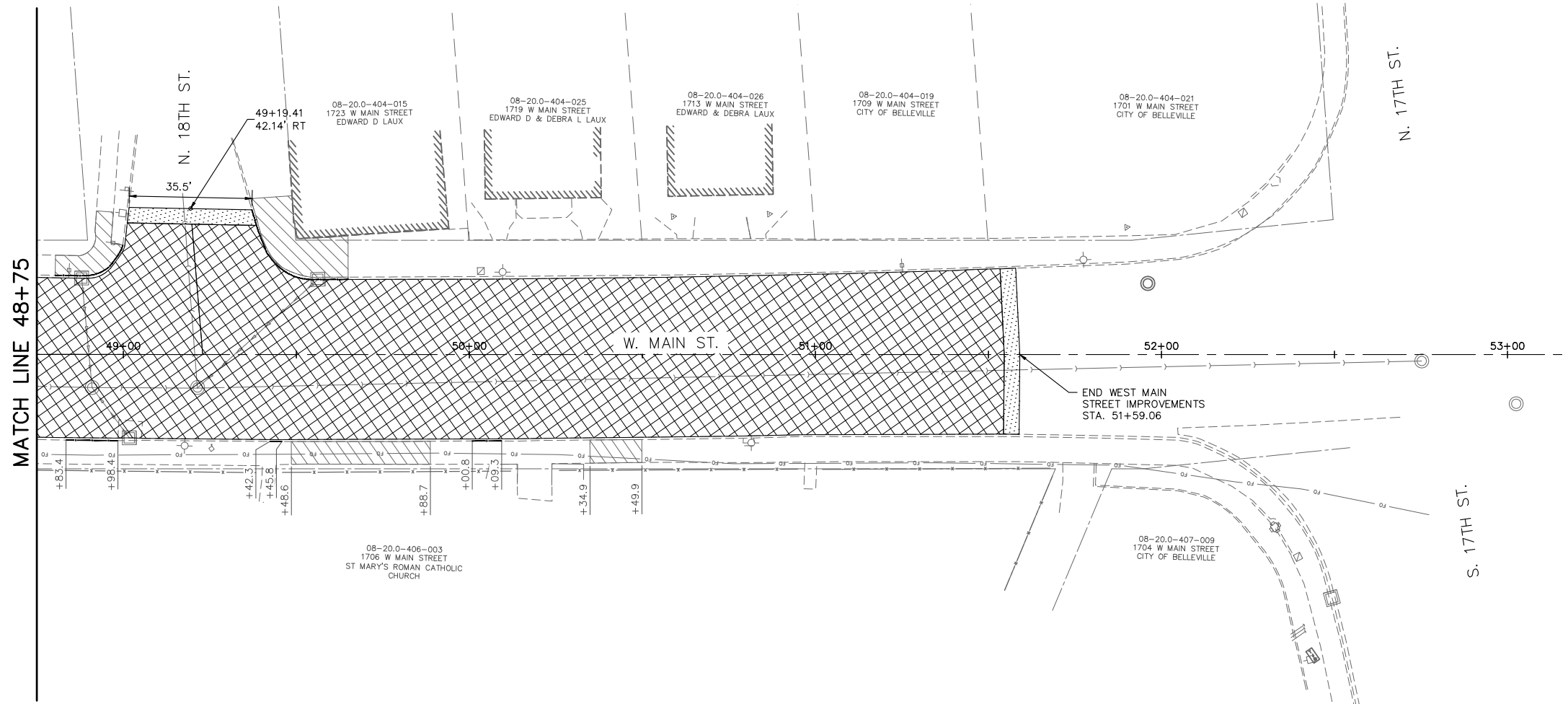
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 SEC. NO. 15-00176-05-RS

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REMOVAL PLAN
WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	15
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 15 OF 51 SHEETS		
PROJECT NUMBER	19-1032	



N. 17TH ST.

S. 17TH ST.

LEGEND

- SIDEWALK REMOVAL
- LINEAR REMOVAL
- HMA SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT REMOVAL

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PREPARED BY:

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 SEC. NO. 15-00176-05-RS

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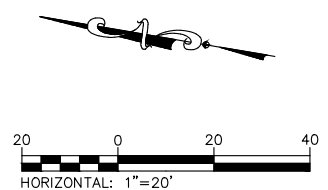
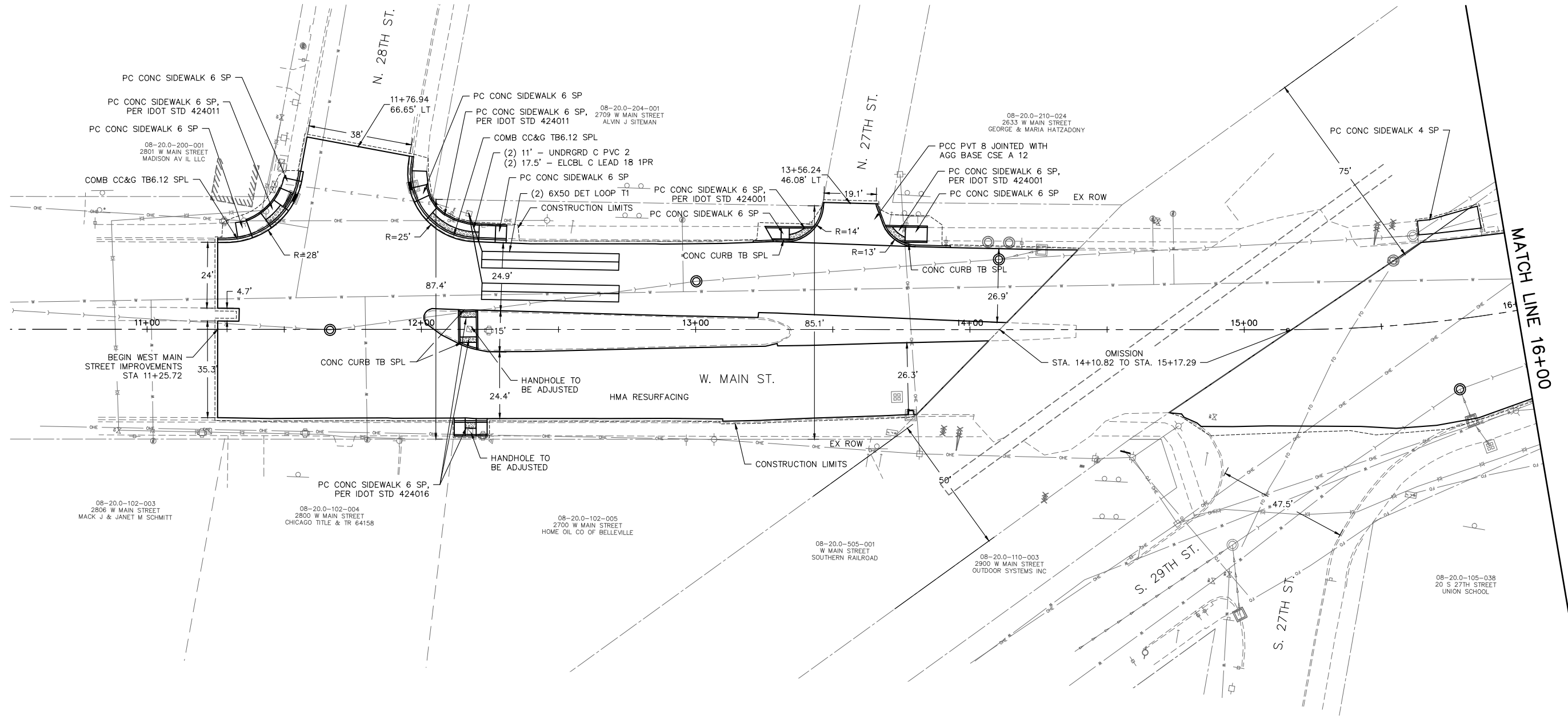
REMOVAL PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	16
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 16 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PNP.dwg

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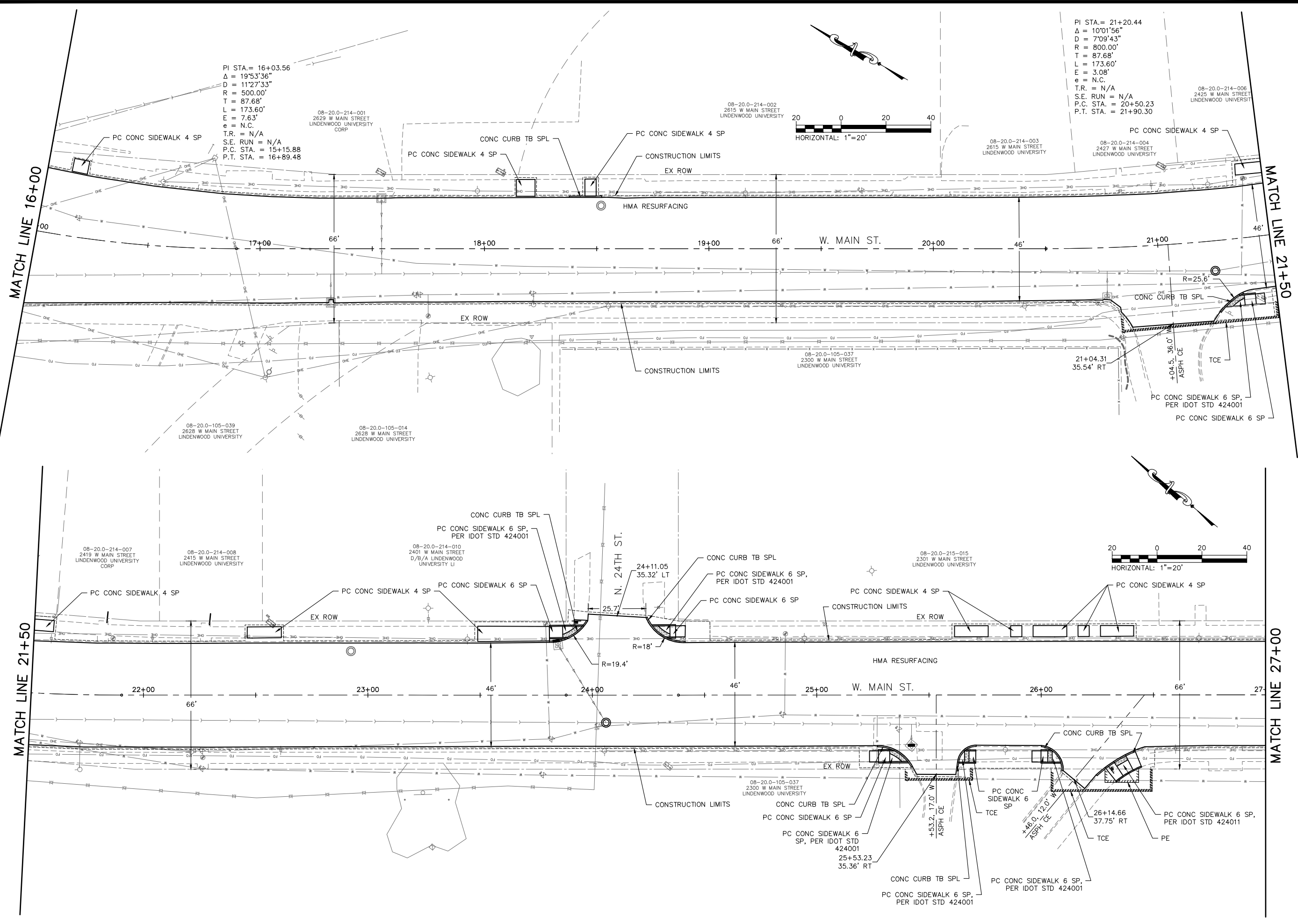
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ROADWAY PLAN

SHEET TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	17
DATE OF FINAL: 12/16/2020	
SHEET NO. 17 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_P18.dwg



PI STA. = 21+20.44
 Δ = 10°01'56"
D = 7°09'43"
R = 800.00'
T = 87.68'
L = 173.60'
E = 3.08'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 20+50.23
P.T. STA. = 21+90.30

PI STA. = 16+03.56
 Δ = 19°53'36"
D = 11°27'33"
R = 500.00'
T = 87.68'
L = 173.60'
E = 7.63'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 15+15.88
P.T. STA. = 16+89.48

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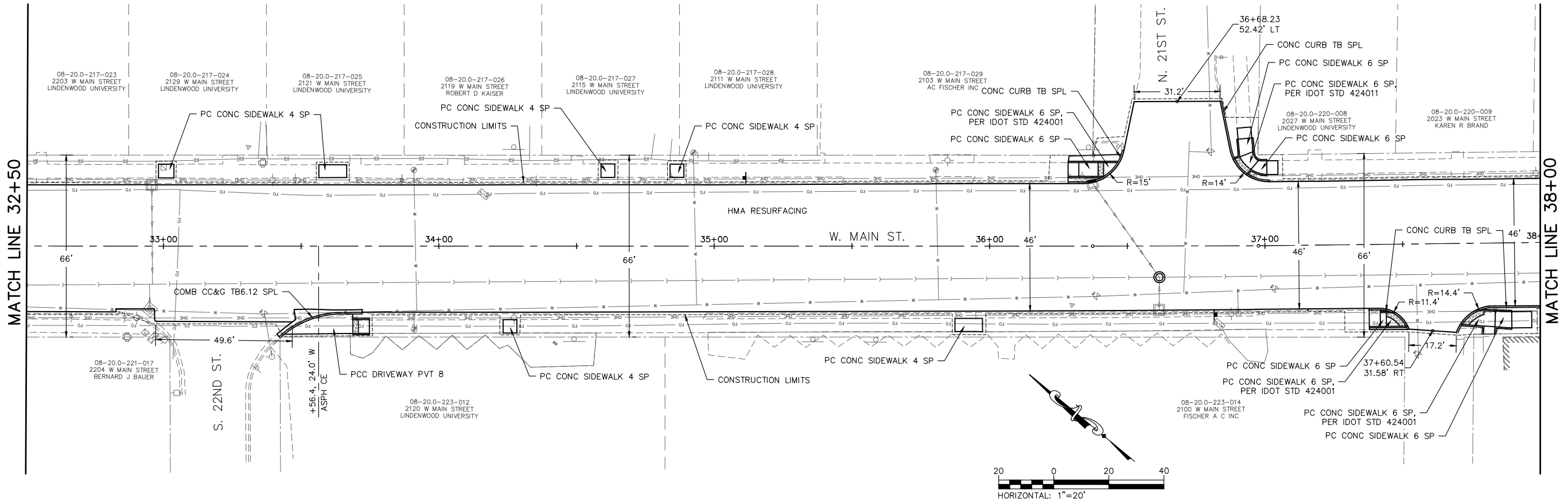
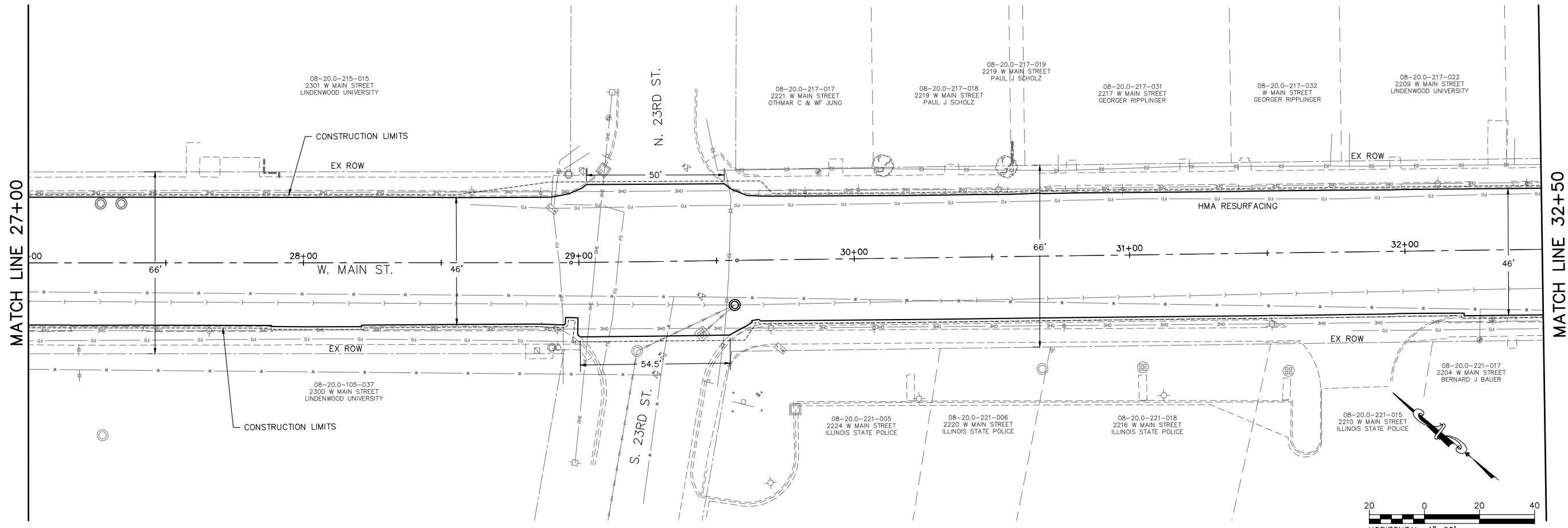
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ROADWAY PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	18
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 18 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_P19.dwg



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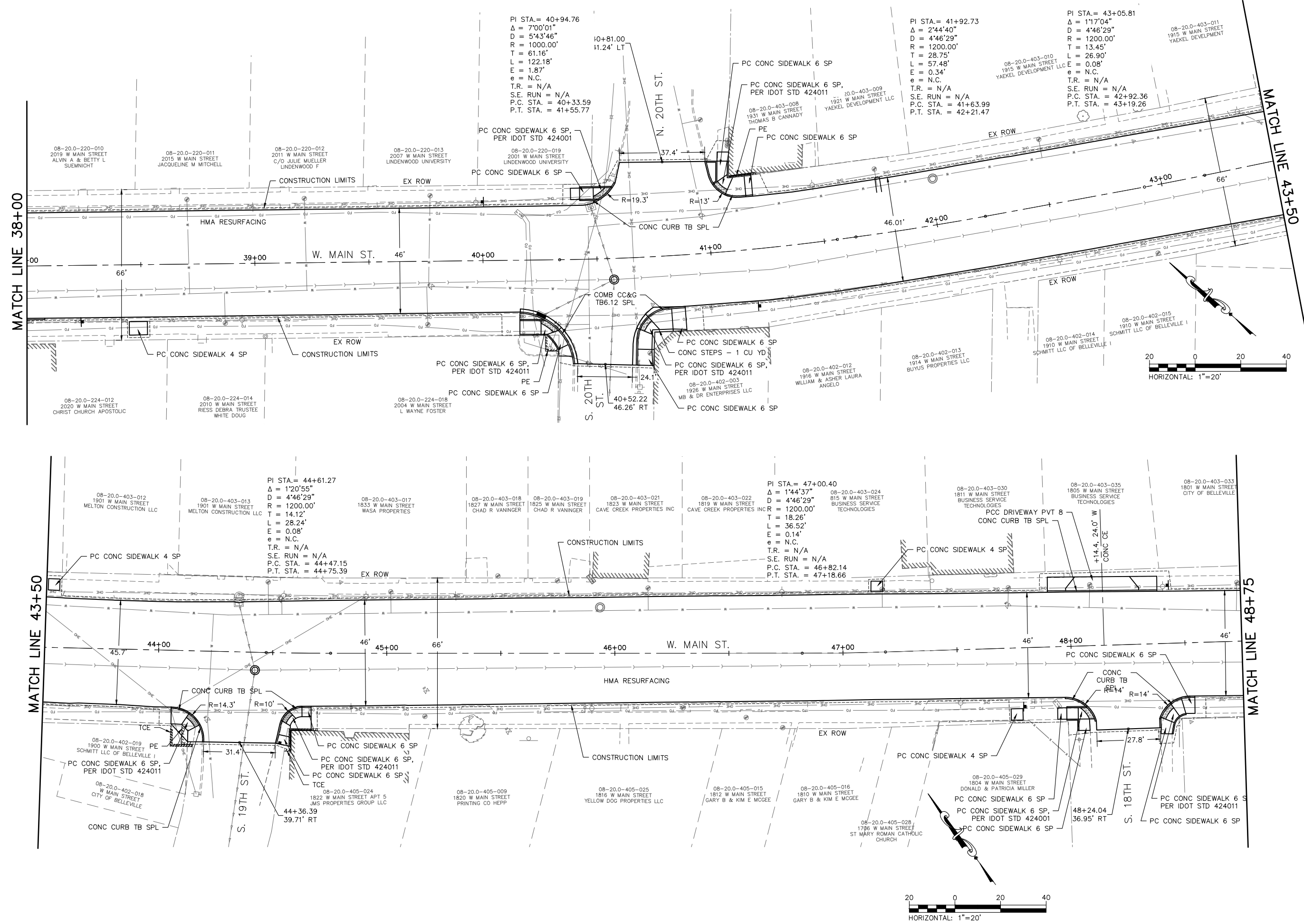
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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ROADWAY PLAN
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	19
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 19 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032.00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PNP.dwg



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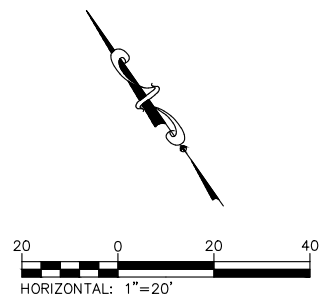
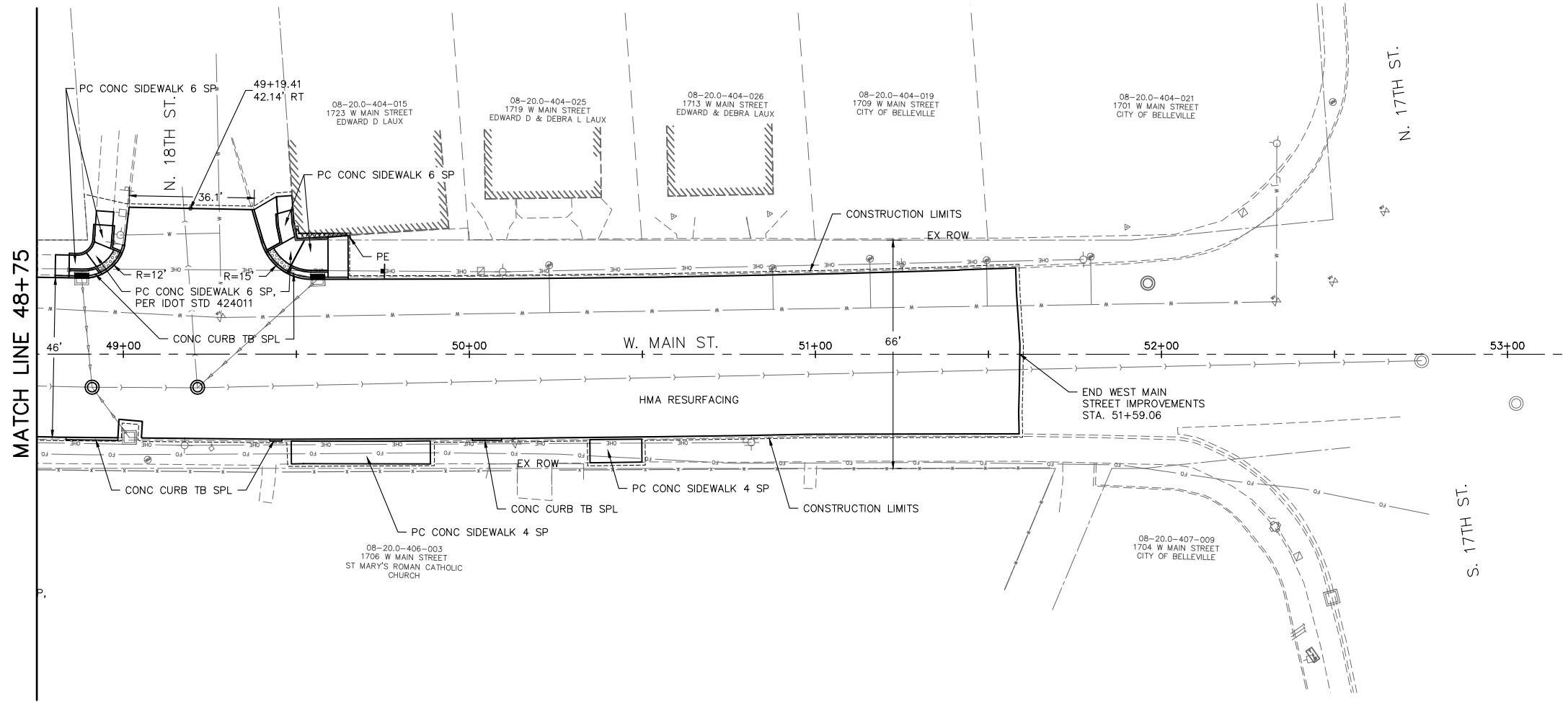
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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ROADWAY PLAN

SHEET TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	20
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 20 OF 51 SHEETS	
PROJECT NUMBER 19-1032	



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 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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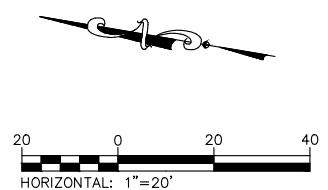
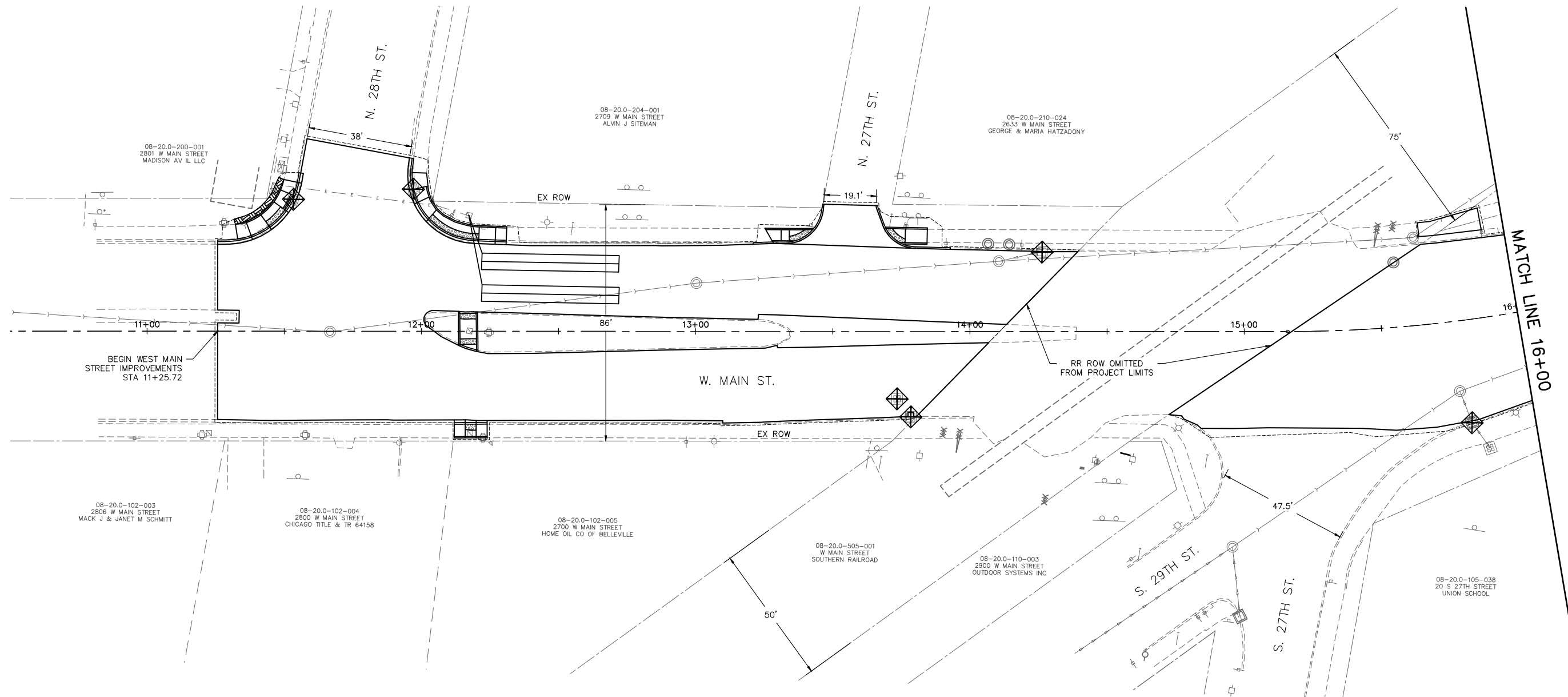
SHEET TITLE: ROADWAY PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS




DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	21
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 21 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_ErosionControl.dwg

LAST PLOTTED: 12/17/2020 10:30 AM OPERATOR: JLT



LEGEND

-  LIMITS OF CONSTRUCTION
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 1 WITH MULCH, METHOD 2

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

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PREPARED BY:

CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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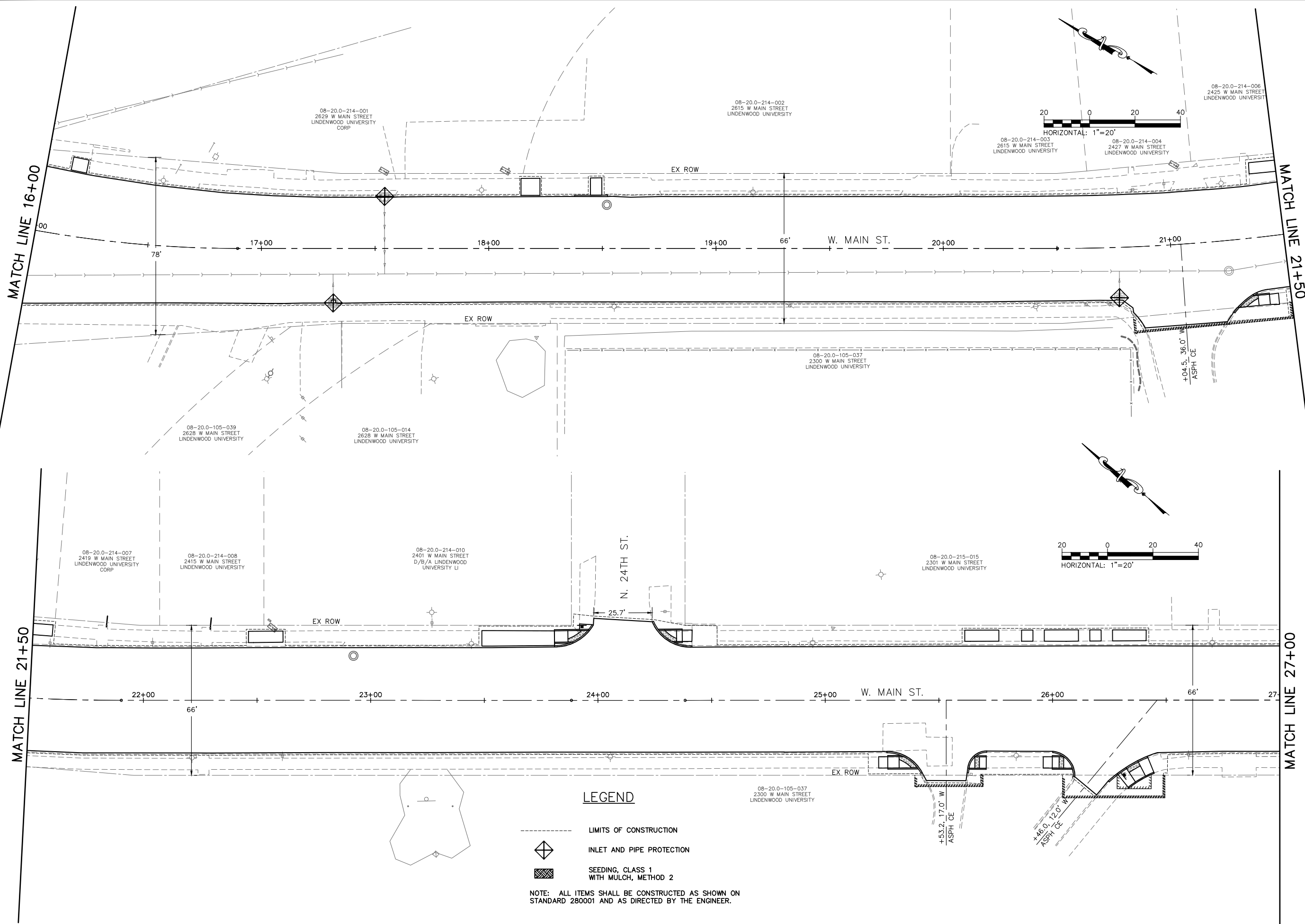
EROSION CONTROL PLAN

**WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	22
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 22 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_ErosionControl.dwg

LAST PLOTTED: 12/17/2020 10:31 AM OPERATOR: JLT



- LIMITS OF CONSTRUCTION
- ◆ INLET AND PIPE PROTECTION
- ▨ SEEDING, CLASS 1 WITH MULCH, METHOD 2

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

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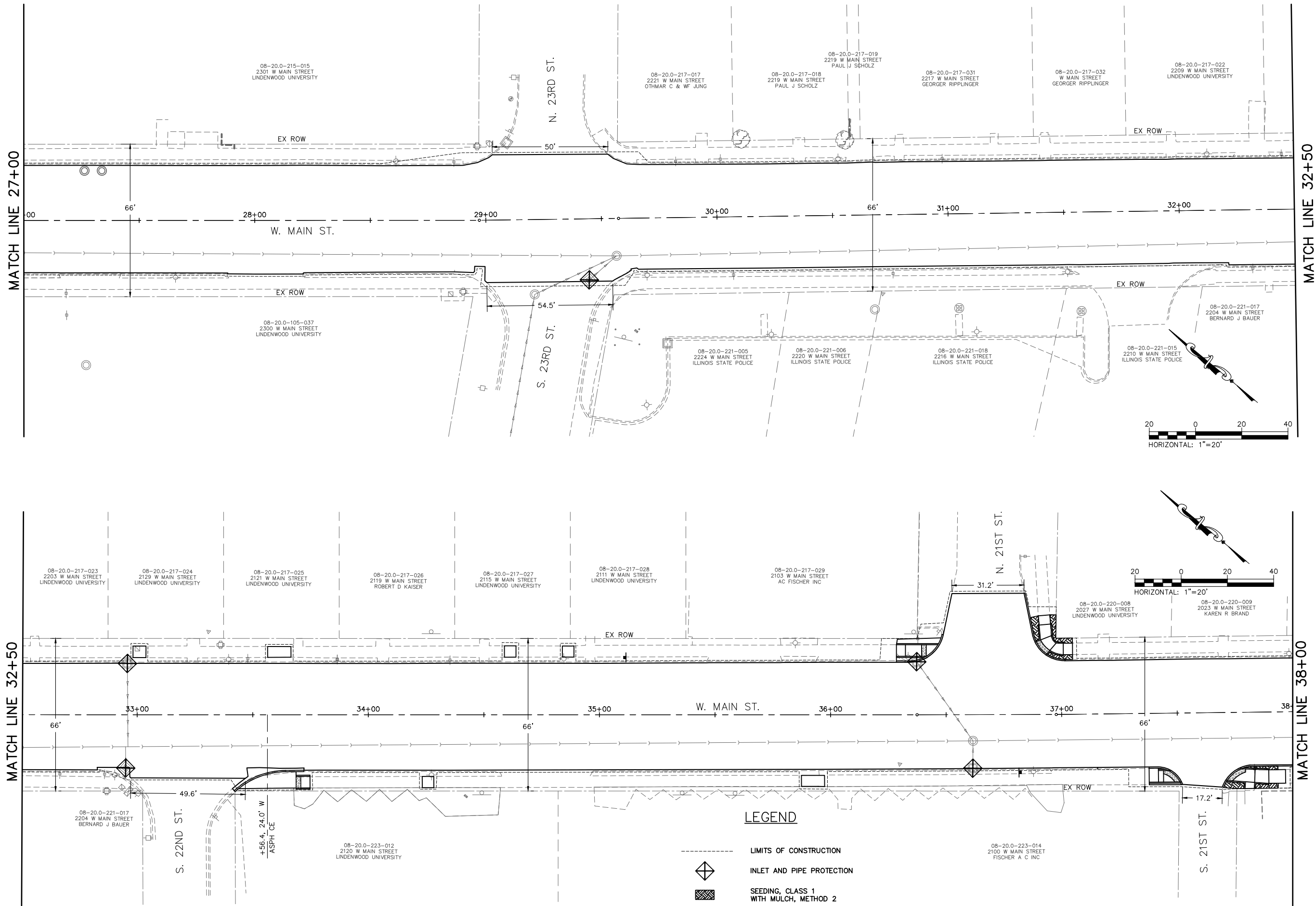
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: EROSION CONTROL PLAN
 PROJECT TITLE: WEST MAIN STREET RESURFACING (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	23
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 23 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_ErosionControl.dwg



MATCH LINE 27+00

MATCH LINE 32+50

MATCH LINE 32+50

MATCH LINE 38+00

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PREPARED BY:

CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: EROSION CONTROL PLAN
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

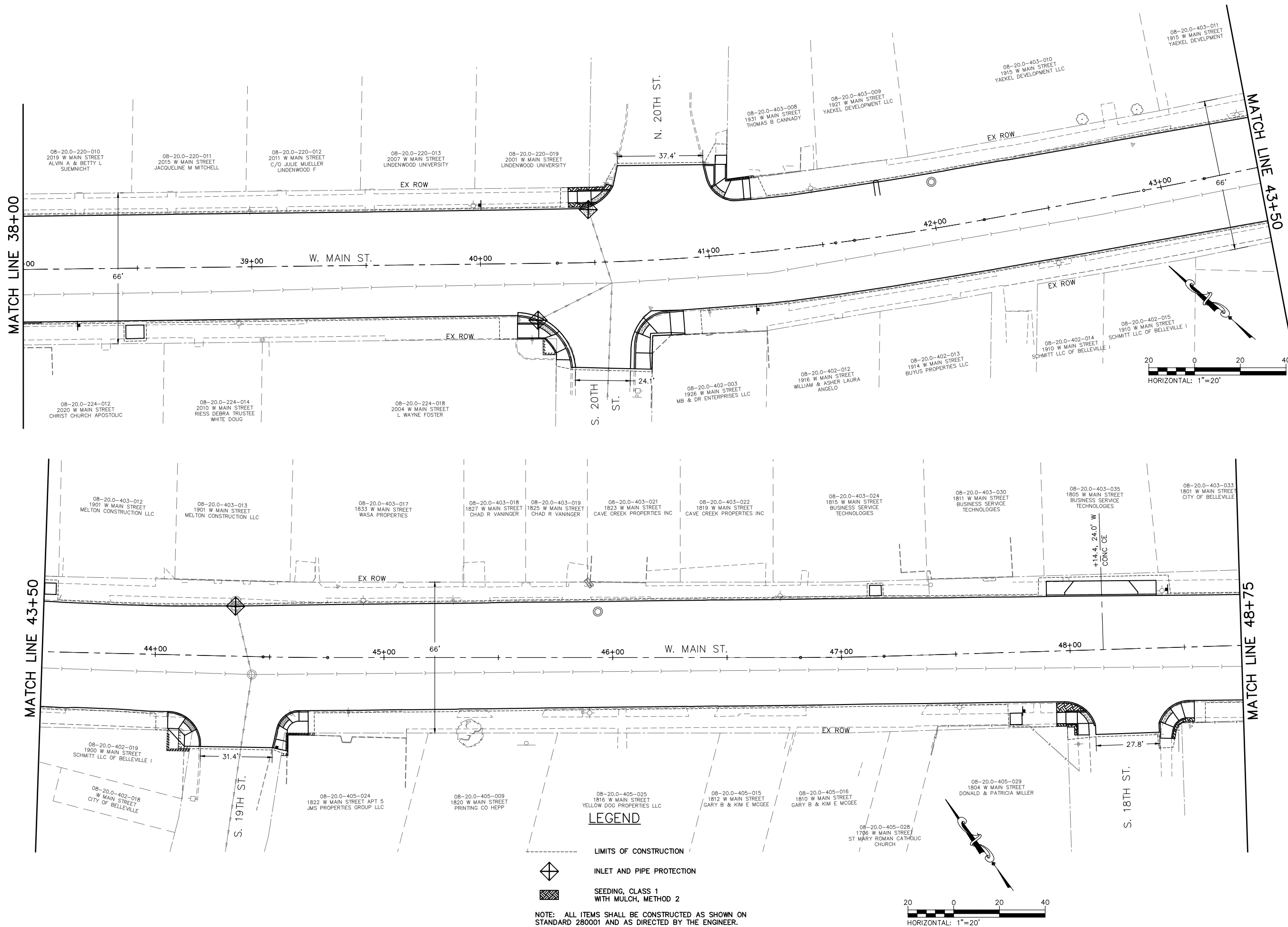
DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	24
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 24 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

LEGEND

- LIMITS OF CONSTRUCTION
- INLET AND PIPE PROTECTION
- SEEDING, CLASS 1 WITH MULCH, METHOD 2

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

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_ErosionControl.dwg



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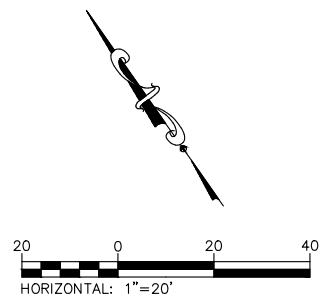
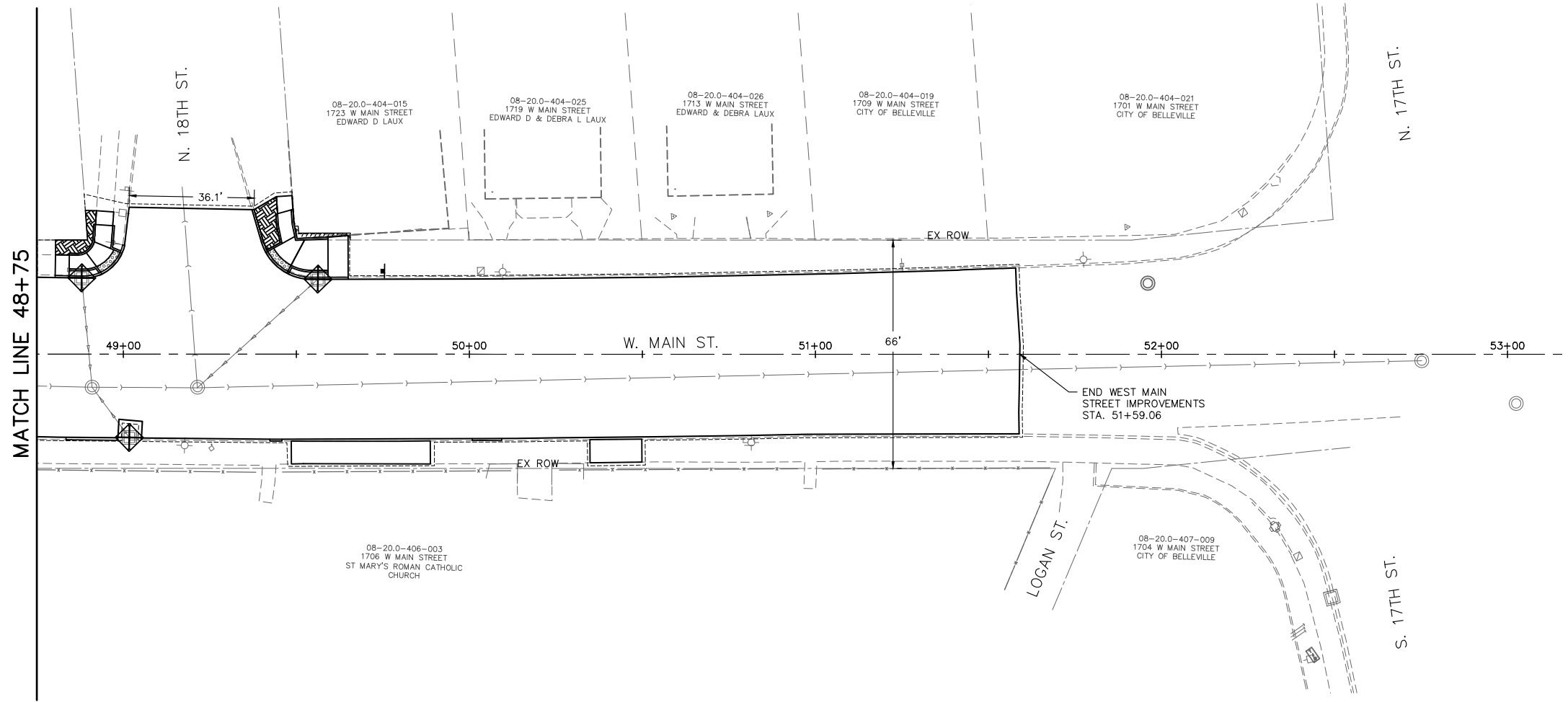
EROSION CONTROL PLAN
WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:




PROJECT TITLE:

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	25
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 25 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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LEGEND

-  LIMITS OF CONSTRUCTION
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 1 WITH MULCH, METHOD 2

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

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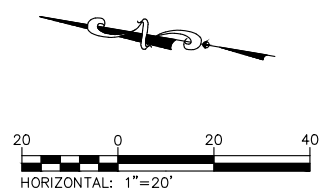
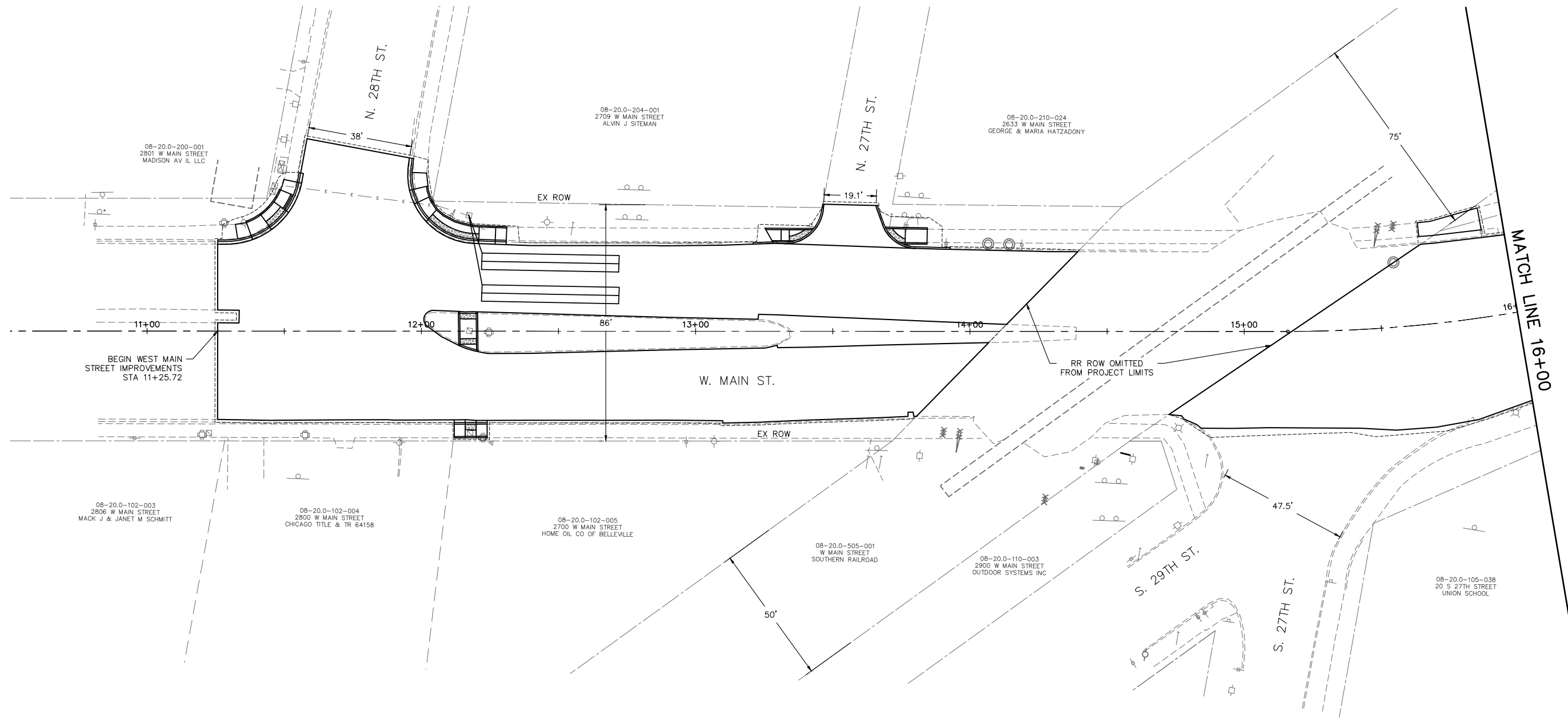
SHEET TITLE: EROSION CONTROL PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	26
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 26 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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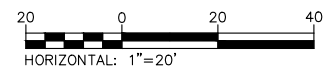
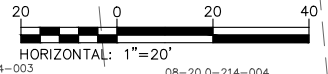
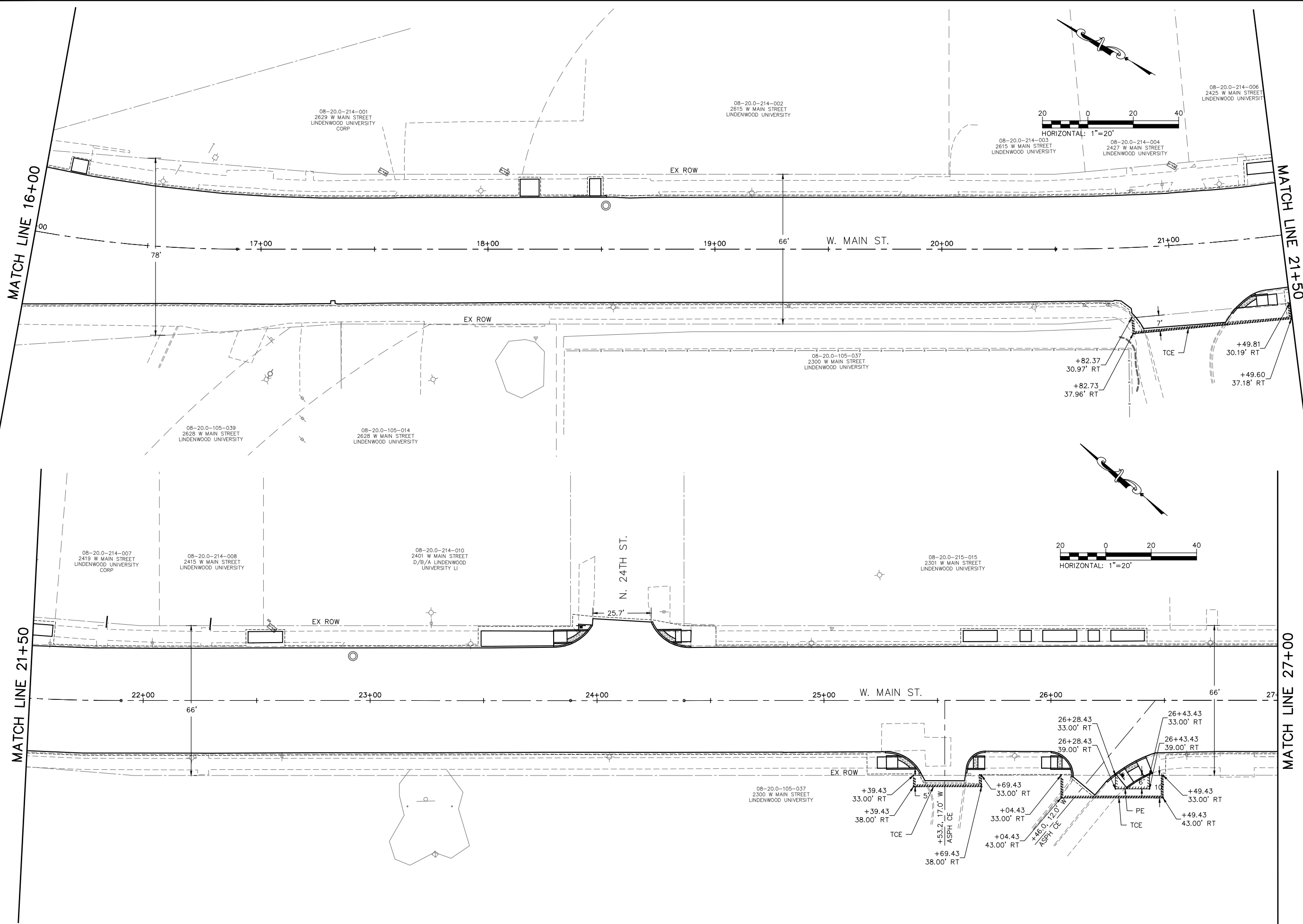
SHEET TITLE: TEMPORARY CONSTRUCTION EASEMENTS AND PERMANENT EASEMENTS

PROJECT TITLE: WEST MAIN STREET RESURFACING (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	27
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 27 OF 51 SHEETS		
PROJECT NUMBER	19-1032	

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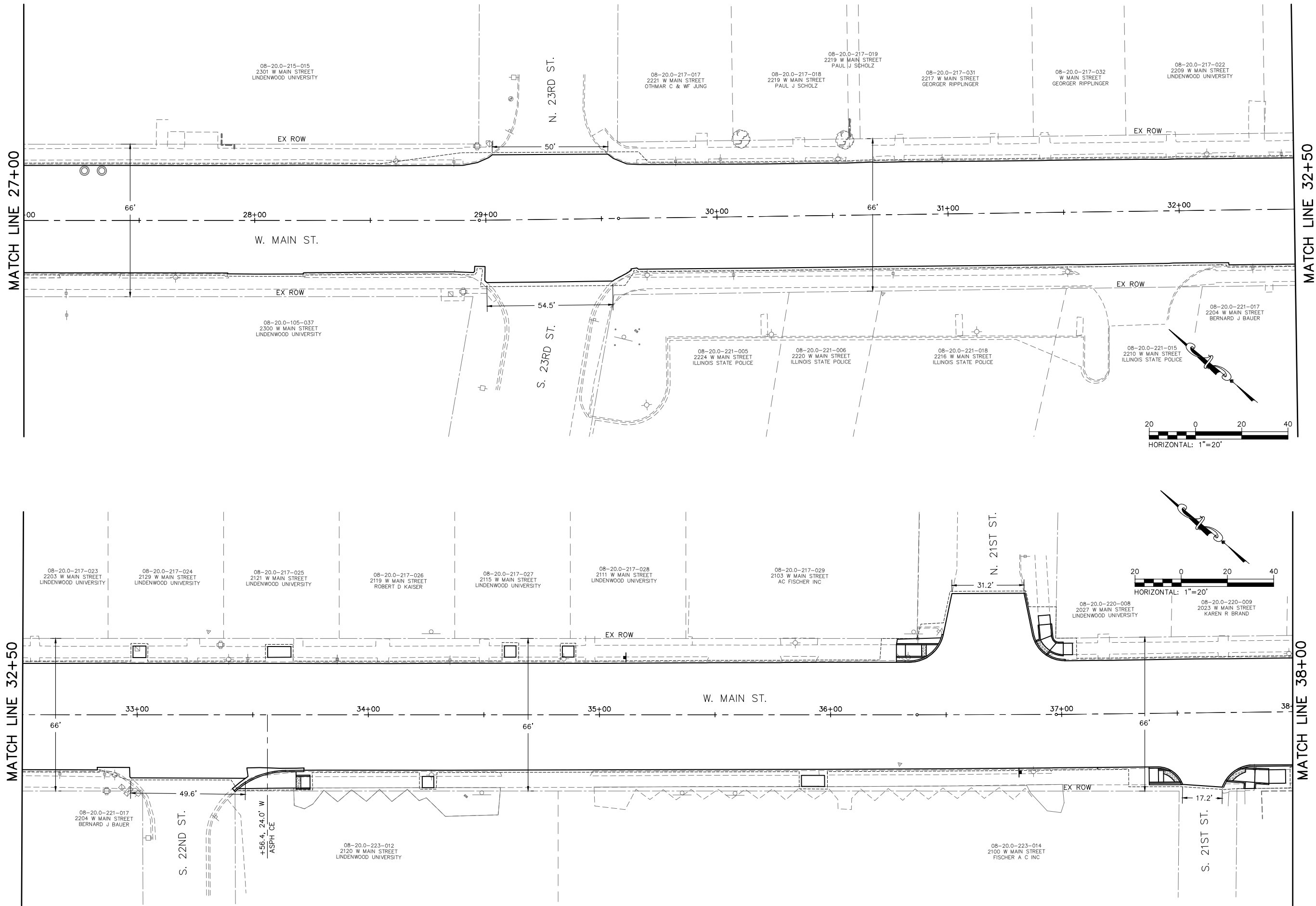
SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
 AND PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	JLT	28
DRAWN BY:	JLT	
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 28 OF 51 SHEETS		
PROJECT NUMBER 19-1032		

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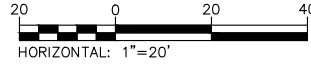
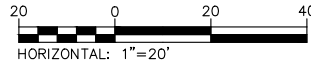
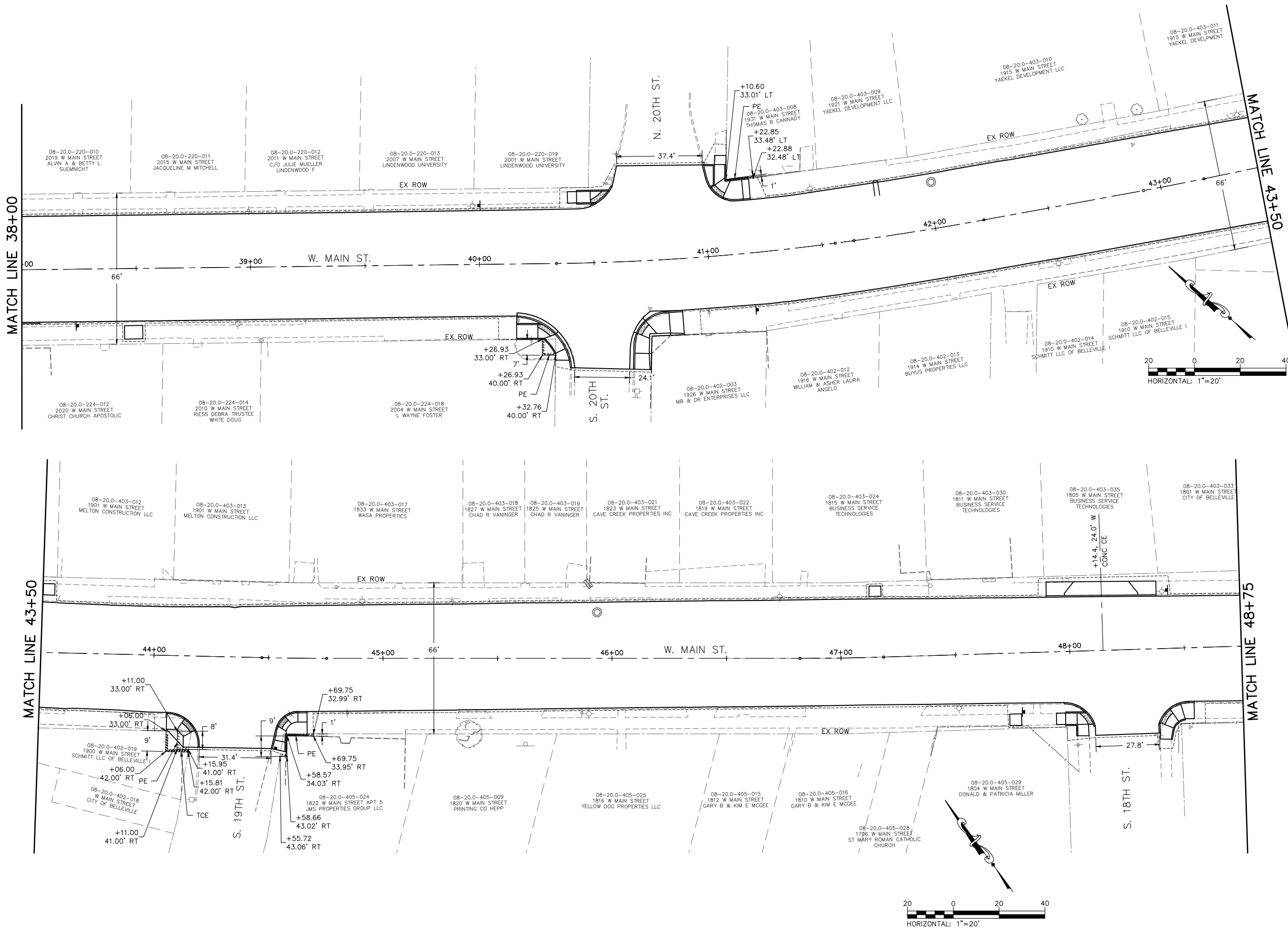
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SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
 AND PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	29
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 29 OF 51 SHEETS		
PROJECT NUMBER 19-1032		

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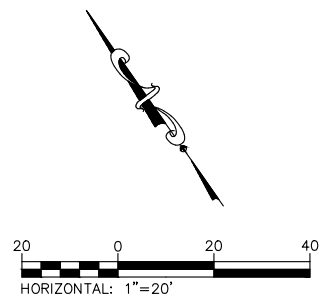
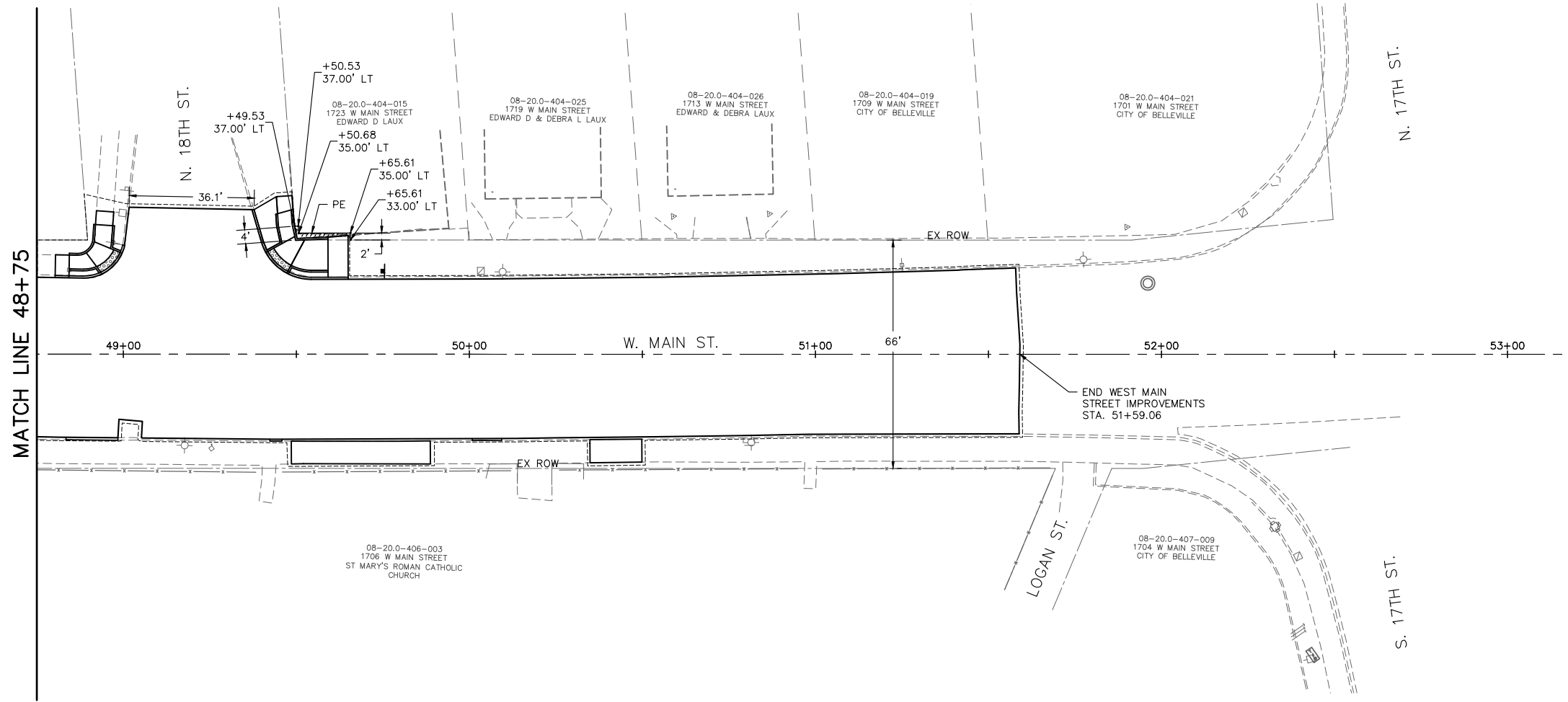
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**TEMPORARY CONSTRUCTION EASEMENTS
 AND PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
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DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	30
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 30 OF 51 SHEETS		
PROJECT NUMBER	19-1032	

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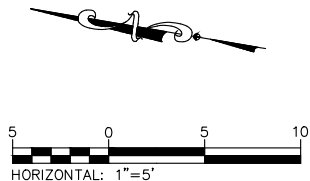
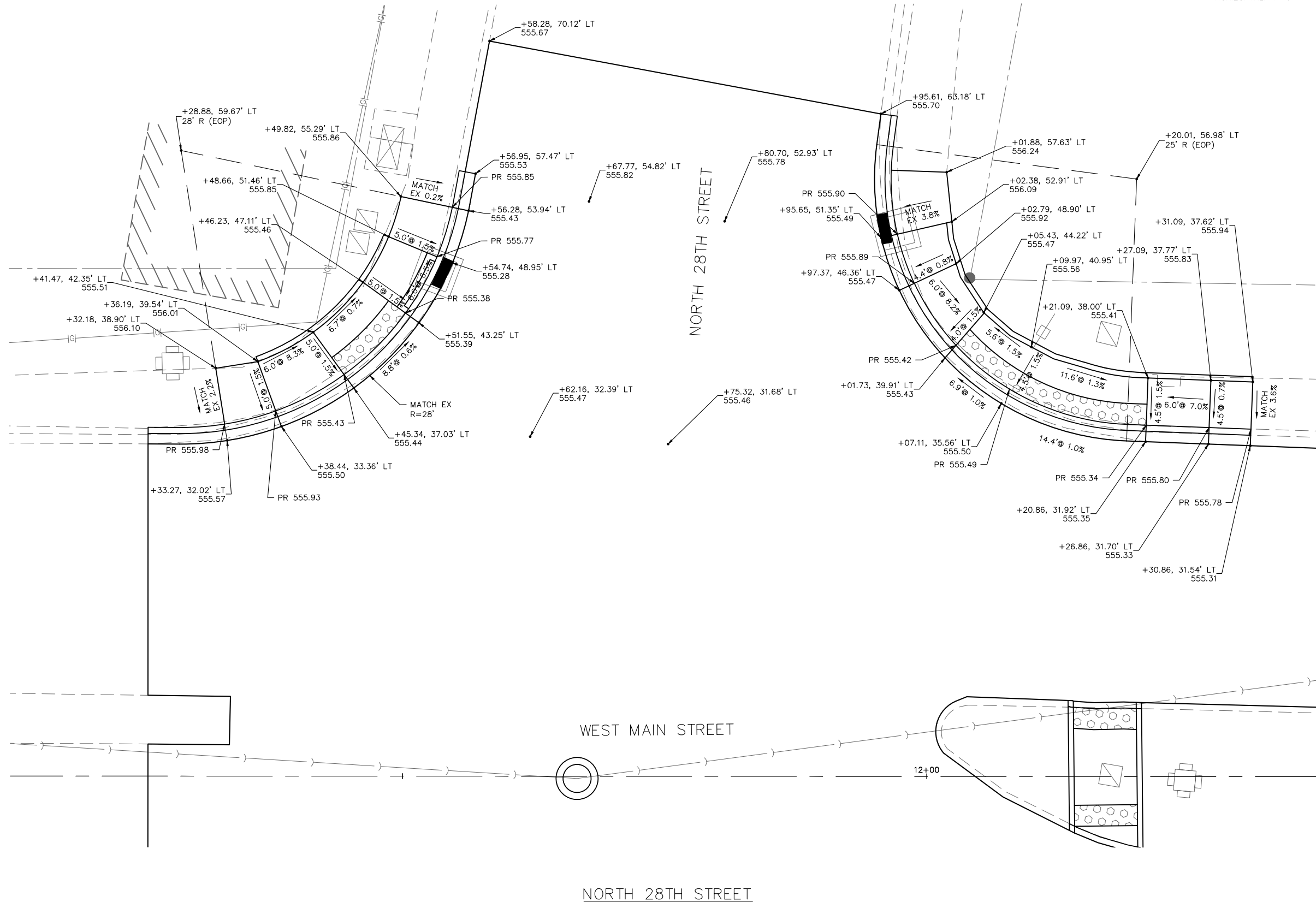
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SHEET TITLE:
**TEMPORARY CONSTRUCTION EASEMENTS
AND PERMANENT EASEMENTS**

PROJECT TITLE:
**WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	31
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 31 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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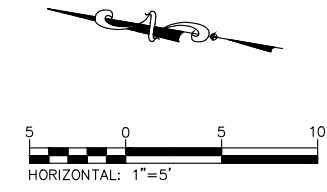
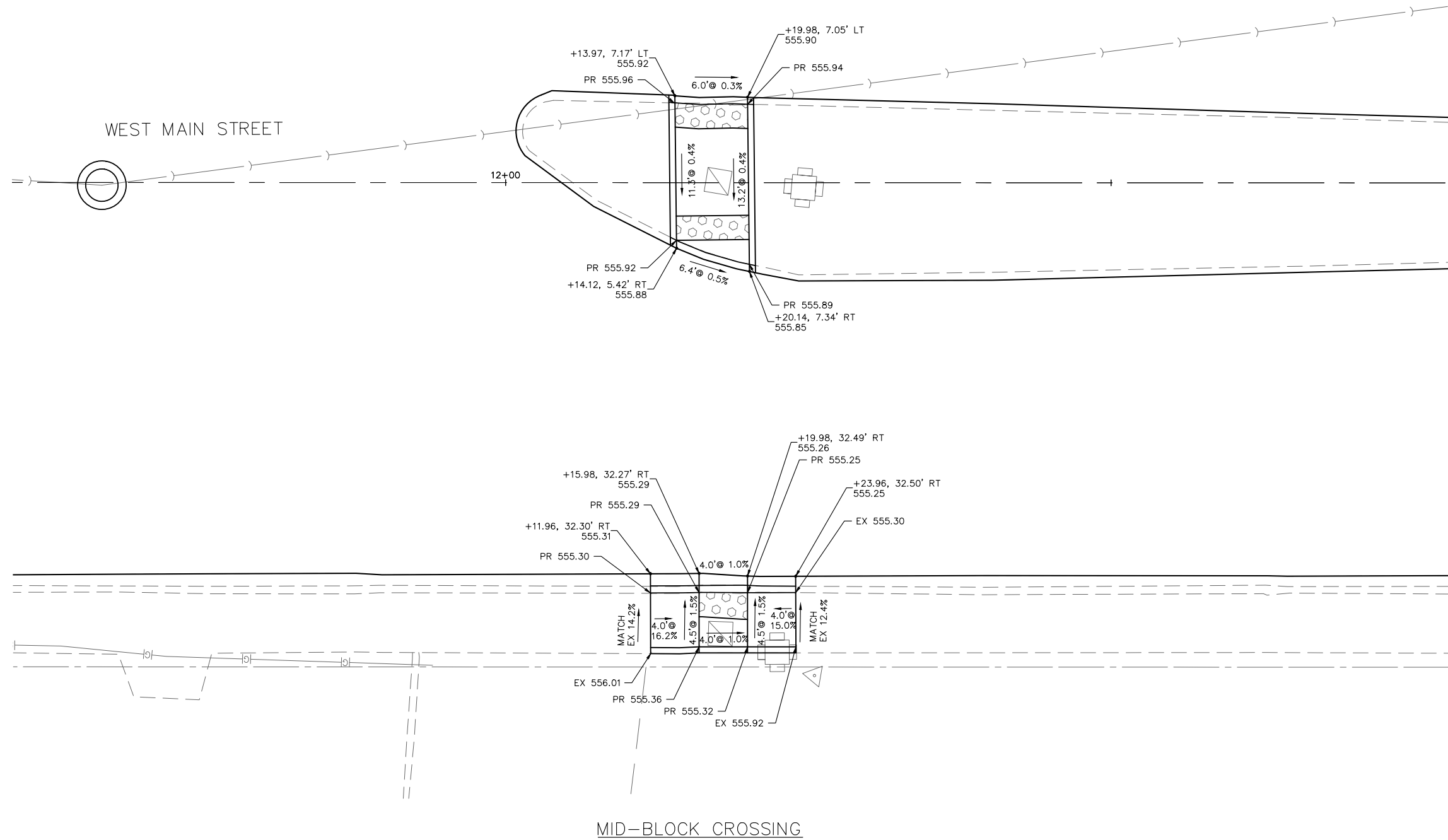
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	32
DATE OF FINAL: 12/16/2020	
SHEET NO. 32 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_IntersectionDetails.dwg



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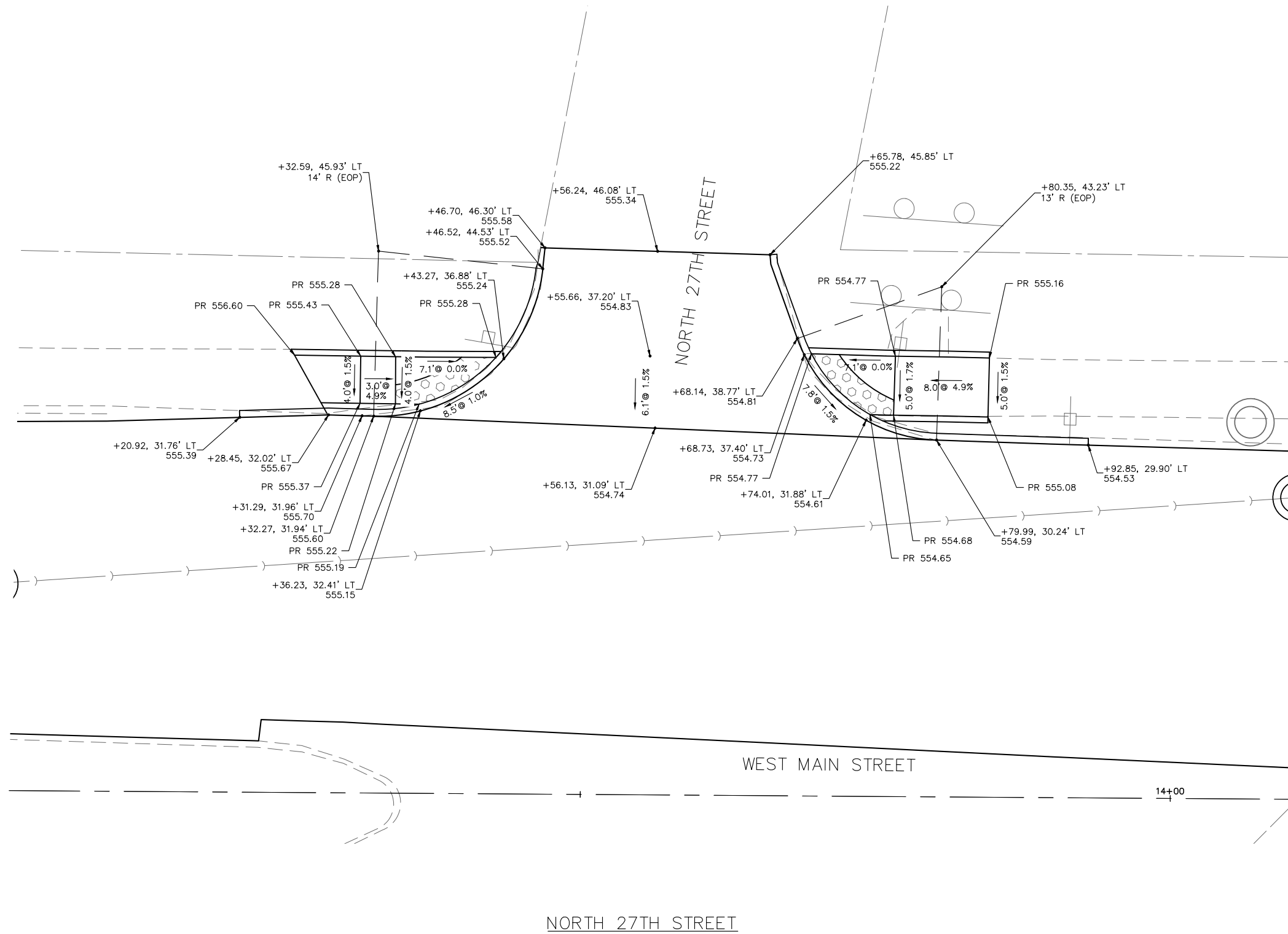
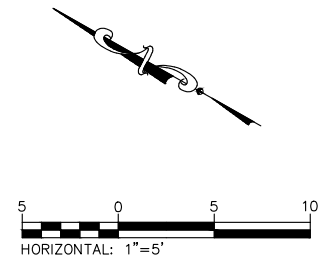
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SHEET TITLE: INTERSECTION DETAILS
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	33
DATE OF FINAL: 12/16/2020	
SHEET NO. 33 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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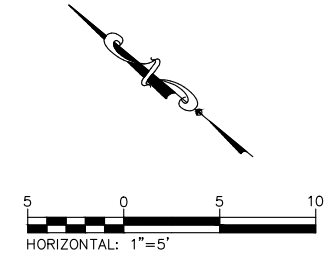
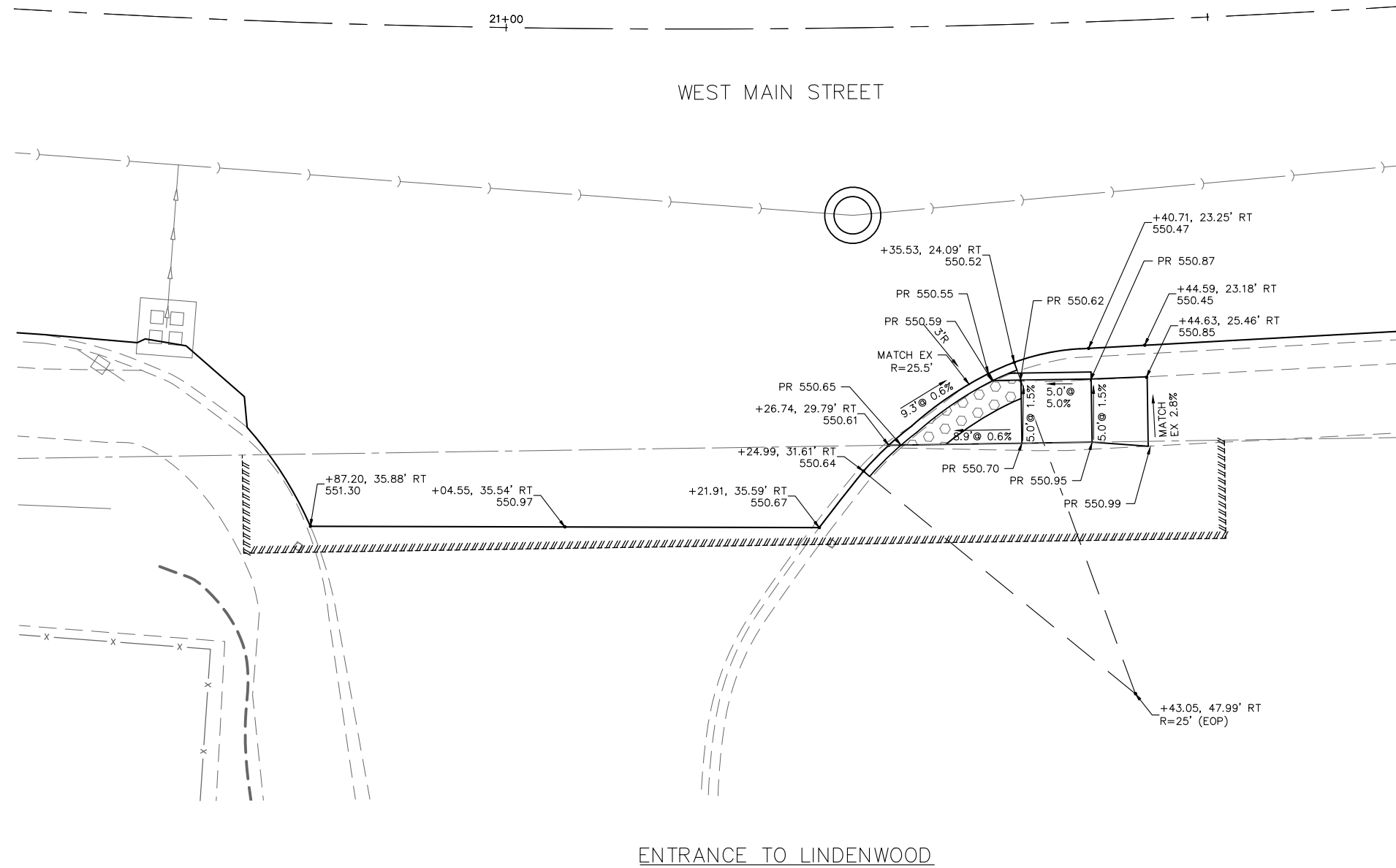
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
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DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	34
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 34 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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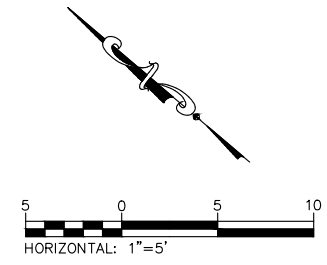
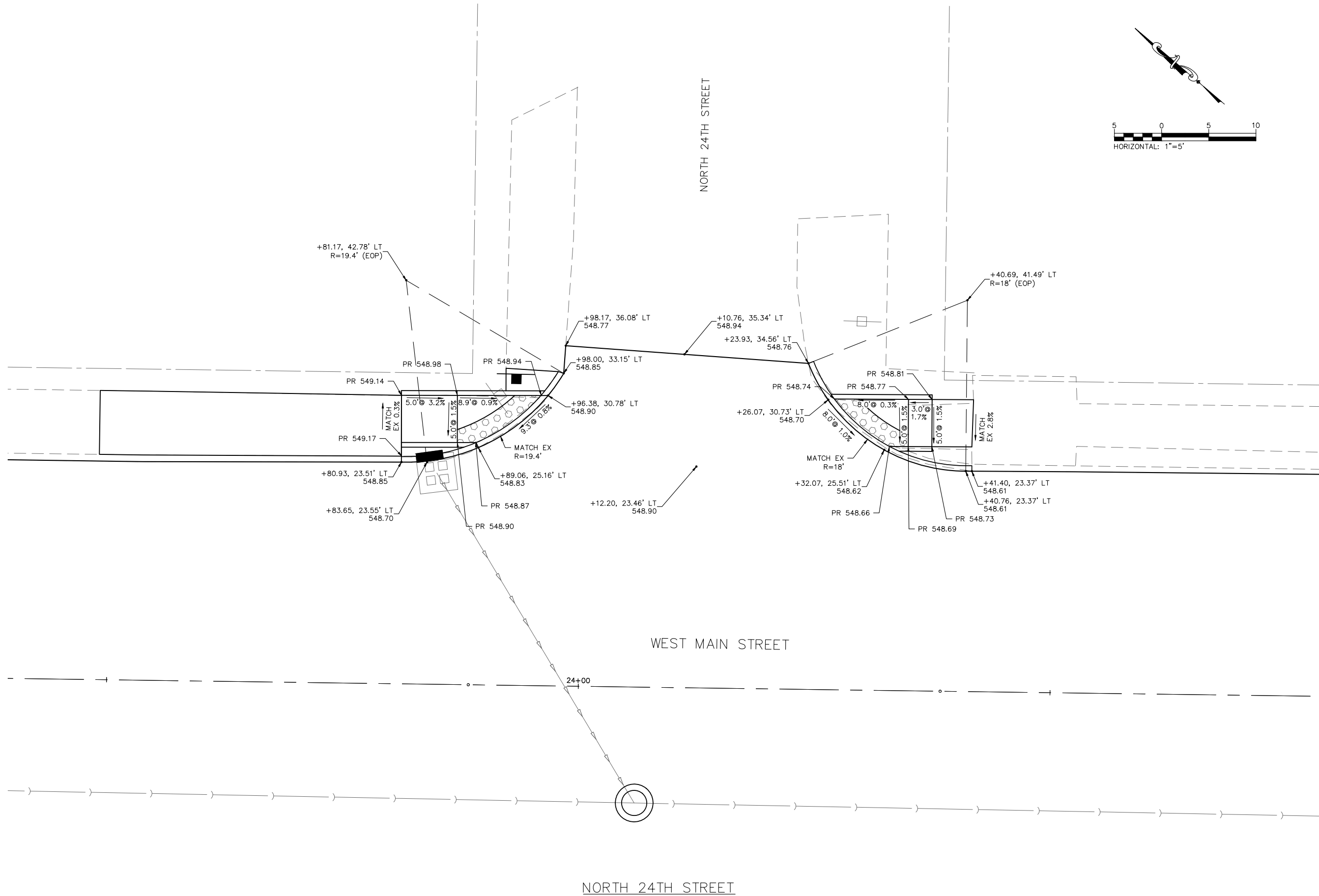
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PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
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DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	35
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 35 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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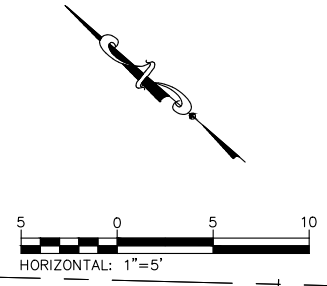
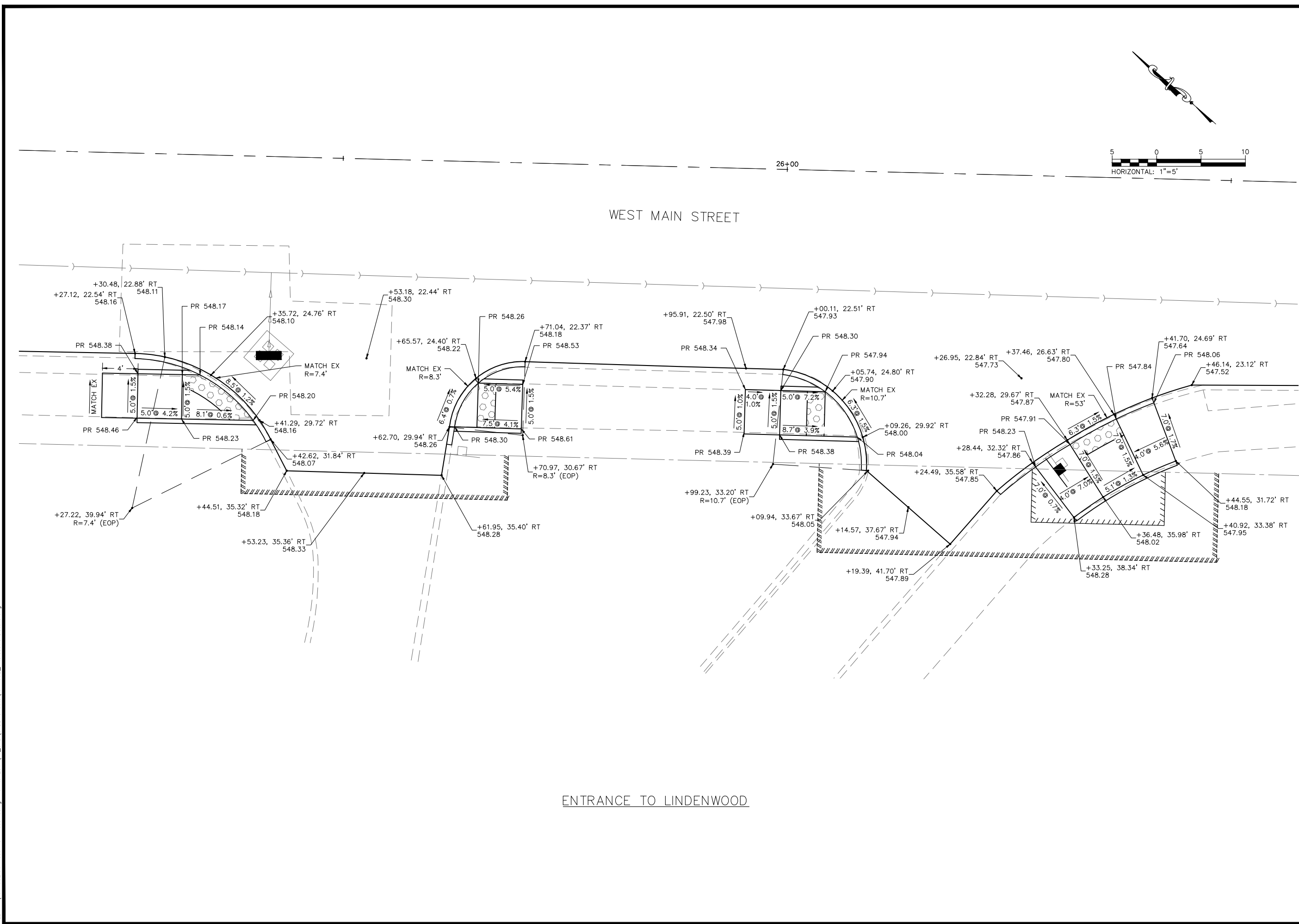
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET 36
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 36 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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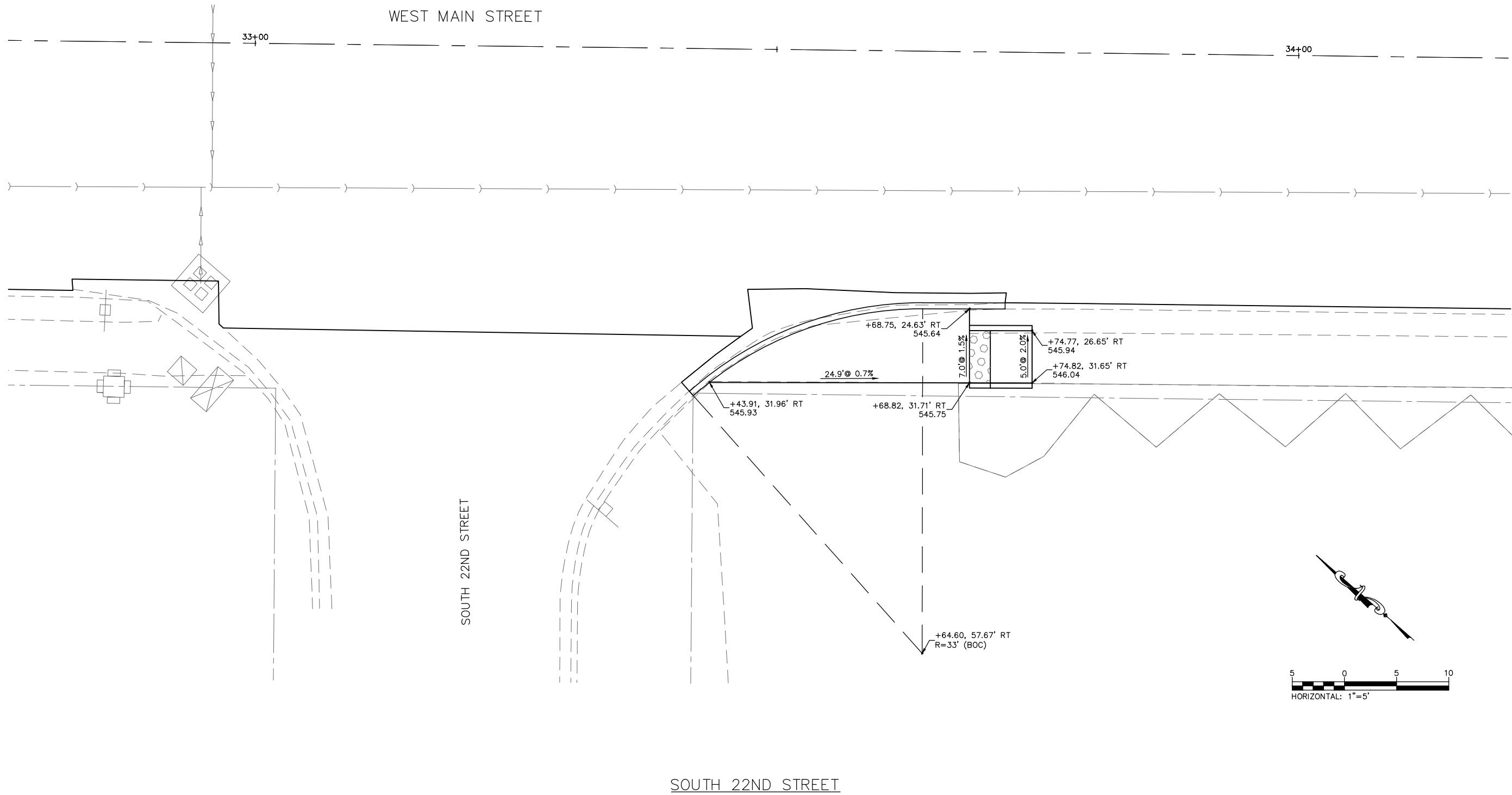
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
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 CITY OF BELLEVILLE
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DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	37
DATE OF FINAL: 12/16/2020	
SHEET NO. 37 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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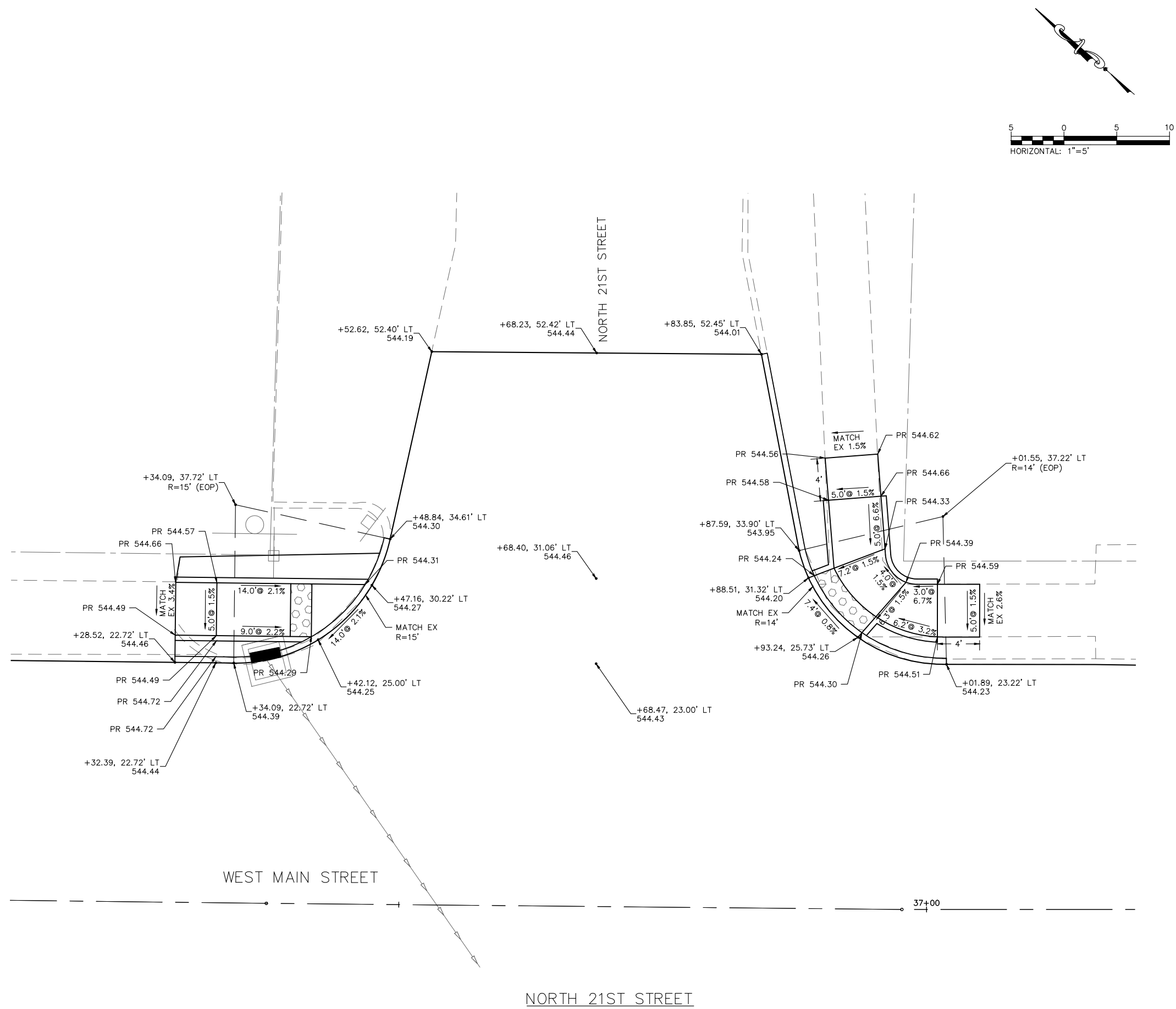
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SHEET TITLE: INTERSECTION DETAILS
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
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DESIGNED BY: JLT	SHEET 38
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 38 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

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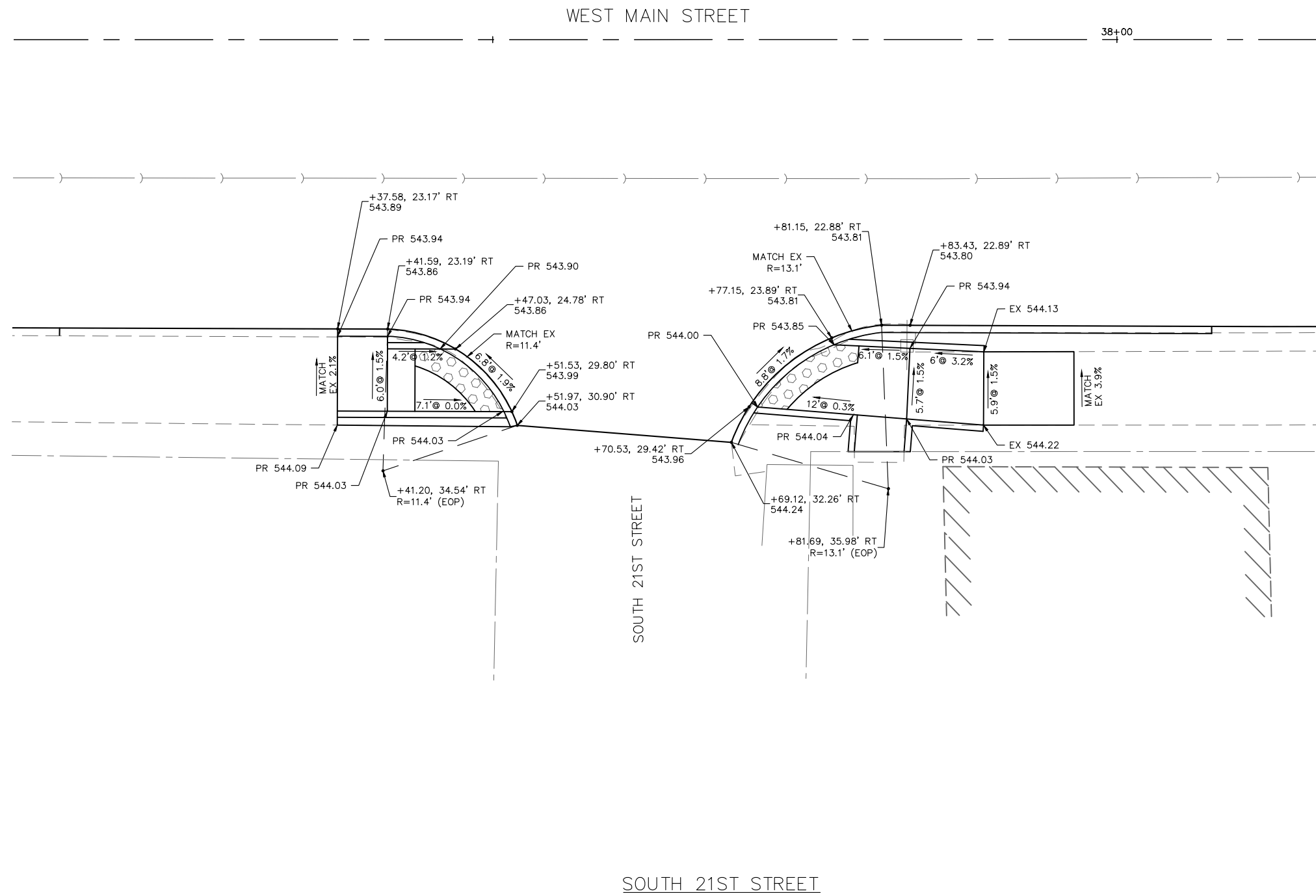
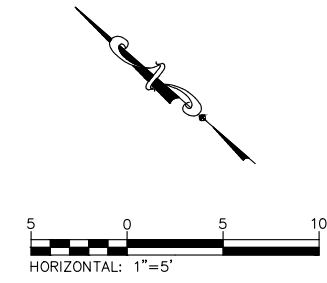
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SHEET TITLE: INTERSECTION DETAILS
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 (17TH ST - 28TH ST)
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DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	39
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SHEET NO. 39 OF 51 SHEETS		
PROJECT NUMBER	19-1032	

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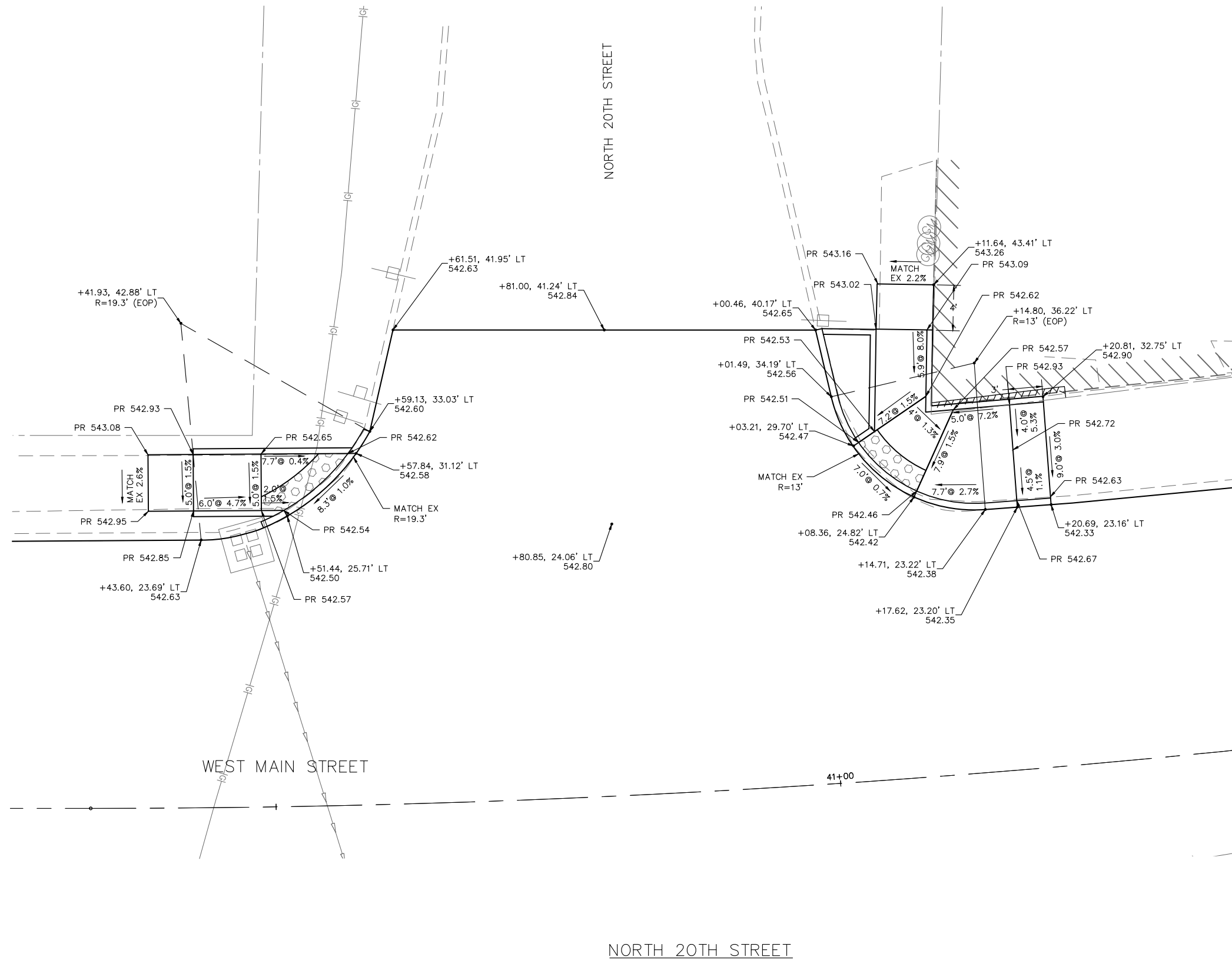
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	40
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 40 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032.00 West Main Resurfacing\17th to 28th\10_CAD\CADD Sheets\19-1032_IntersectionDetails.dwg



HORIZONTAL: 1"=5'

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 LICENSE NO. 20-5080596



PREPARED BY:

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

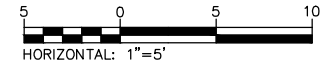
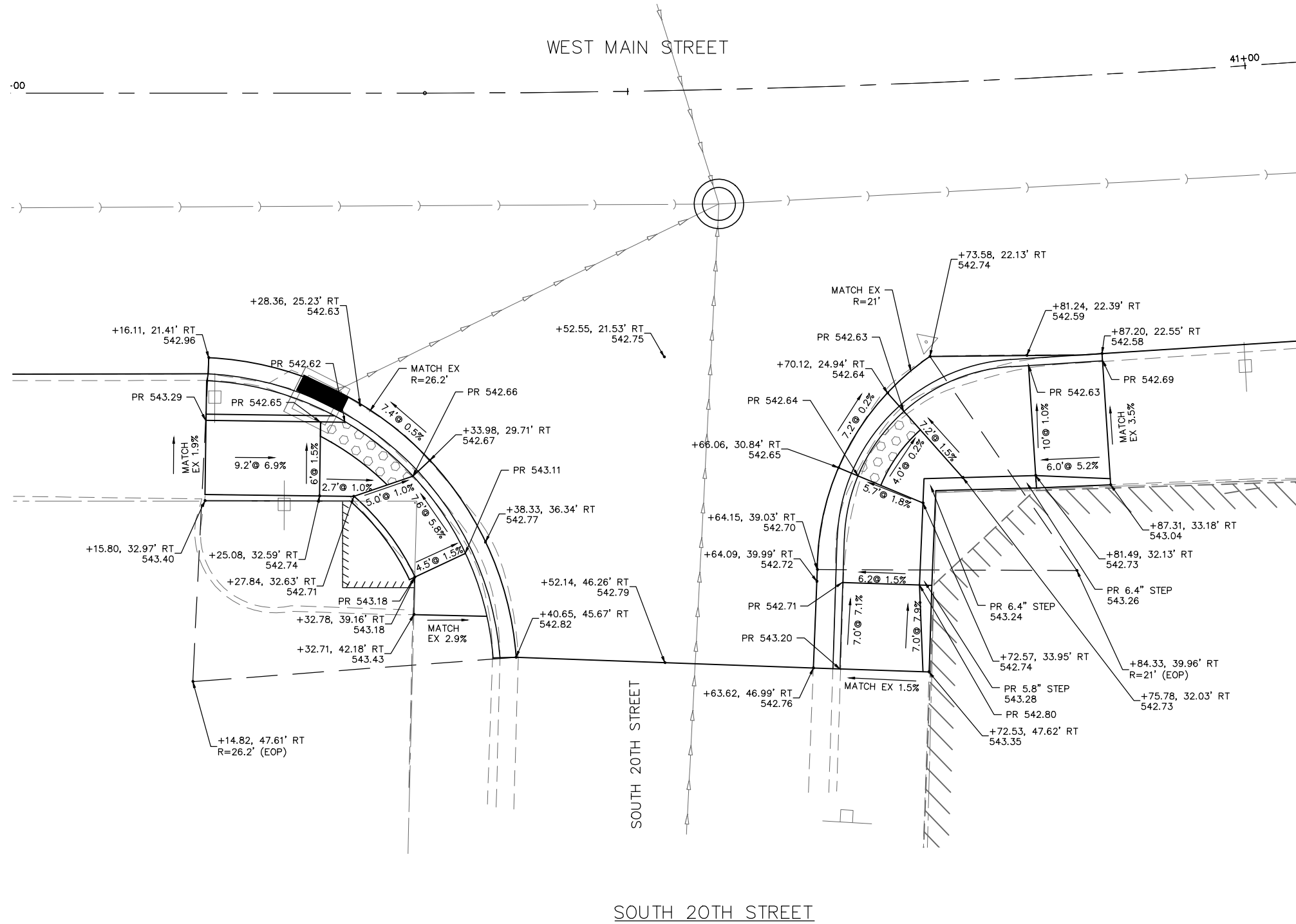
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	41
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 41 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_IntersectionDetails.dwg



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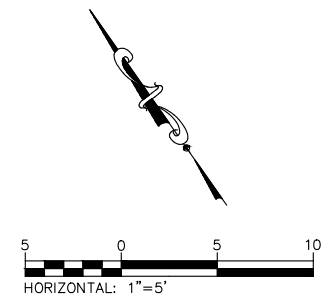
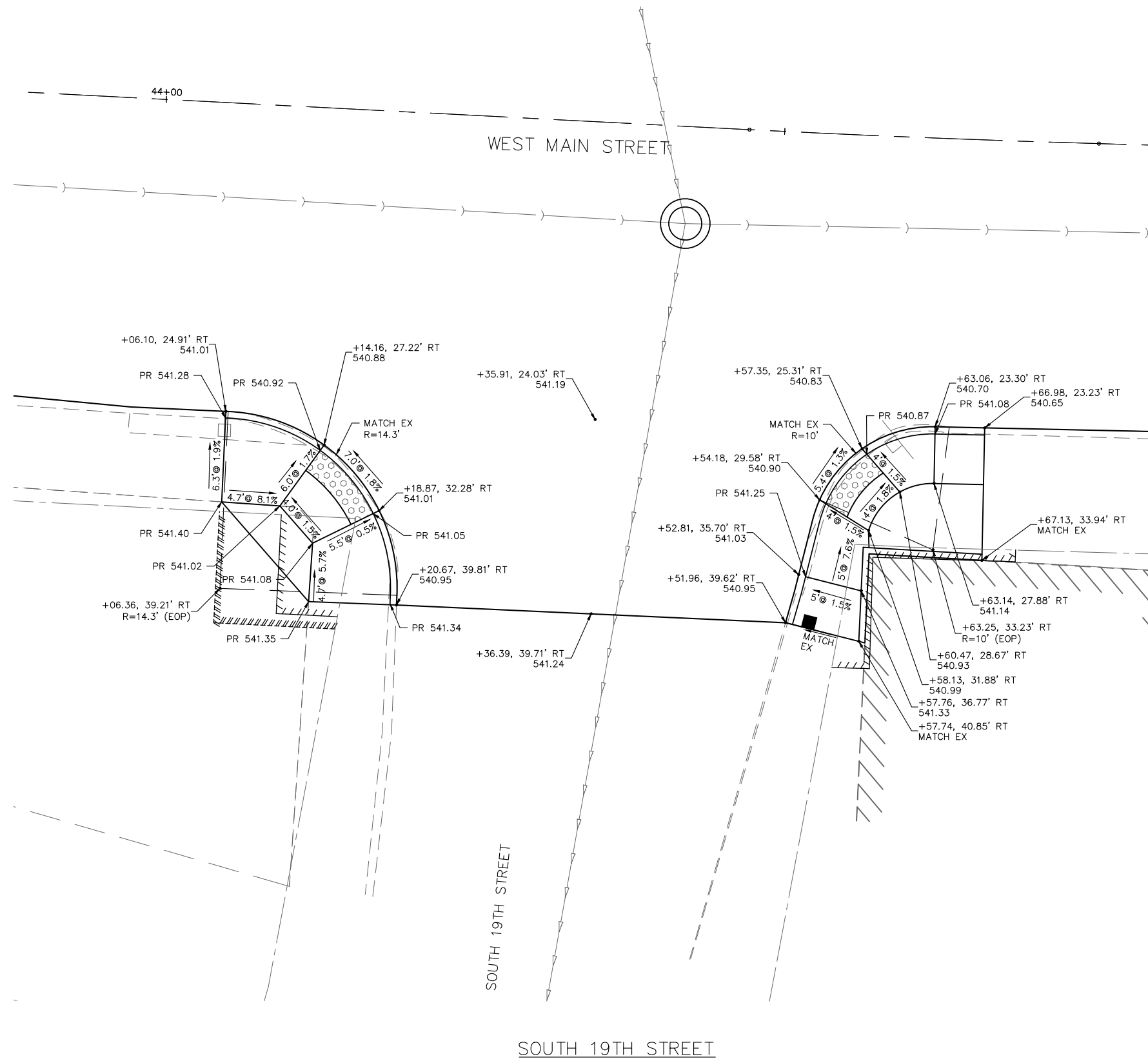
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	42
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 42 OF 51 SHEETS	
PROJECT NUMBER 19-1032	



FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_IntersectionDetails.dwg

LAST PLOTTED: 12/17/2020 10:34 AM OPERATOR: JLT

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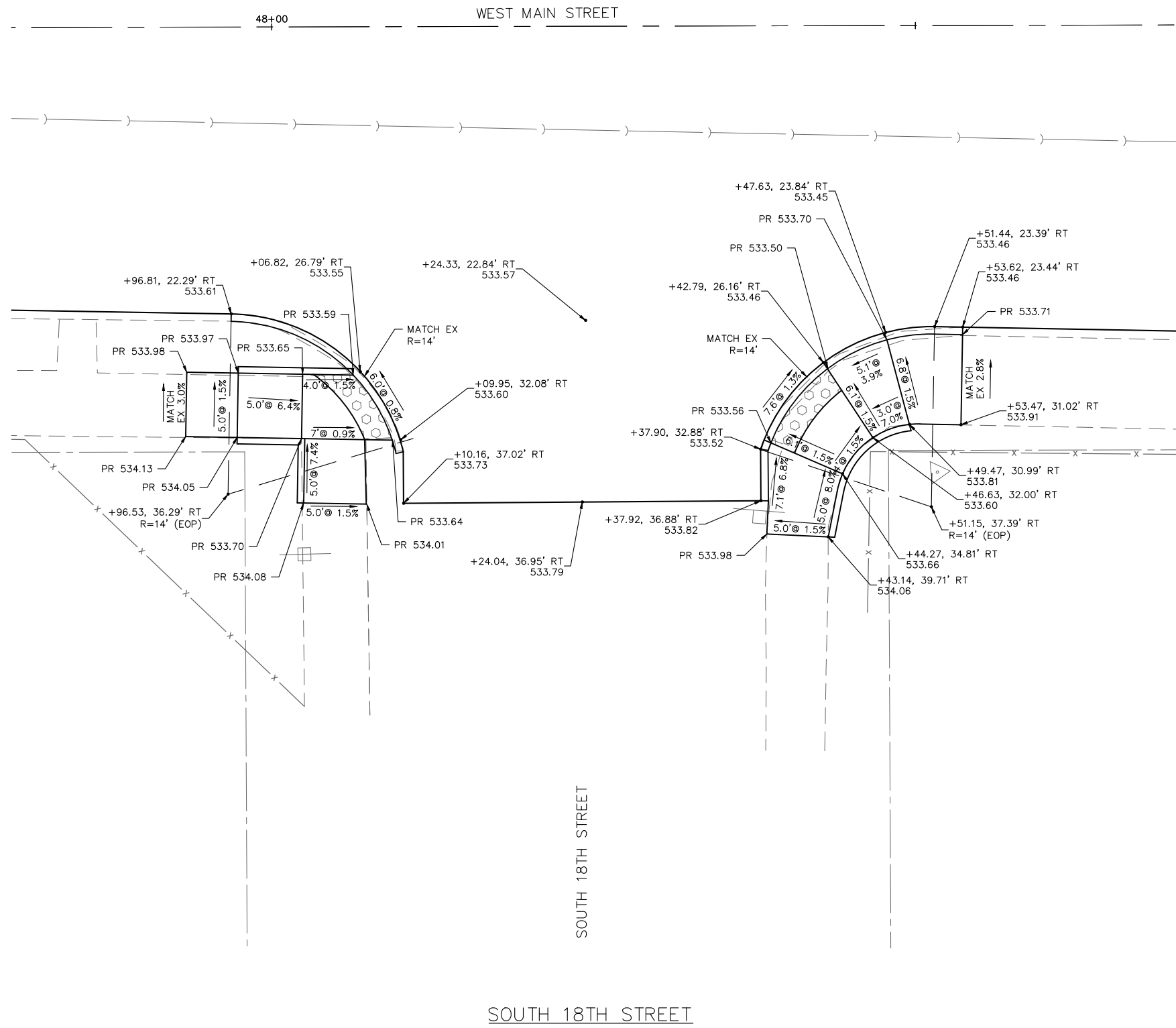
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

REV.	DATE	DESCRIP
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	43
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 43 OF 51 SHEETS	
PROJECT NUMBER 19-1032	



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CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

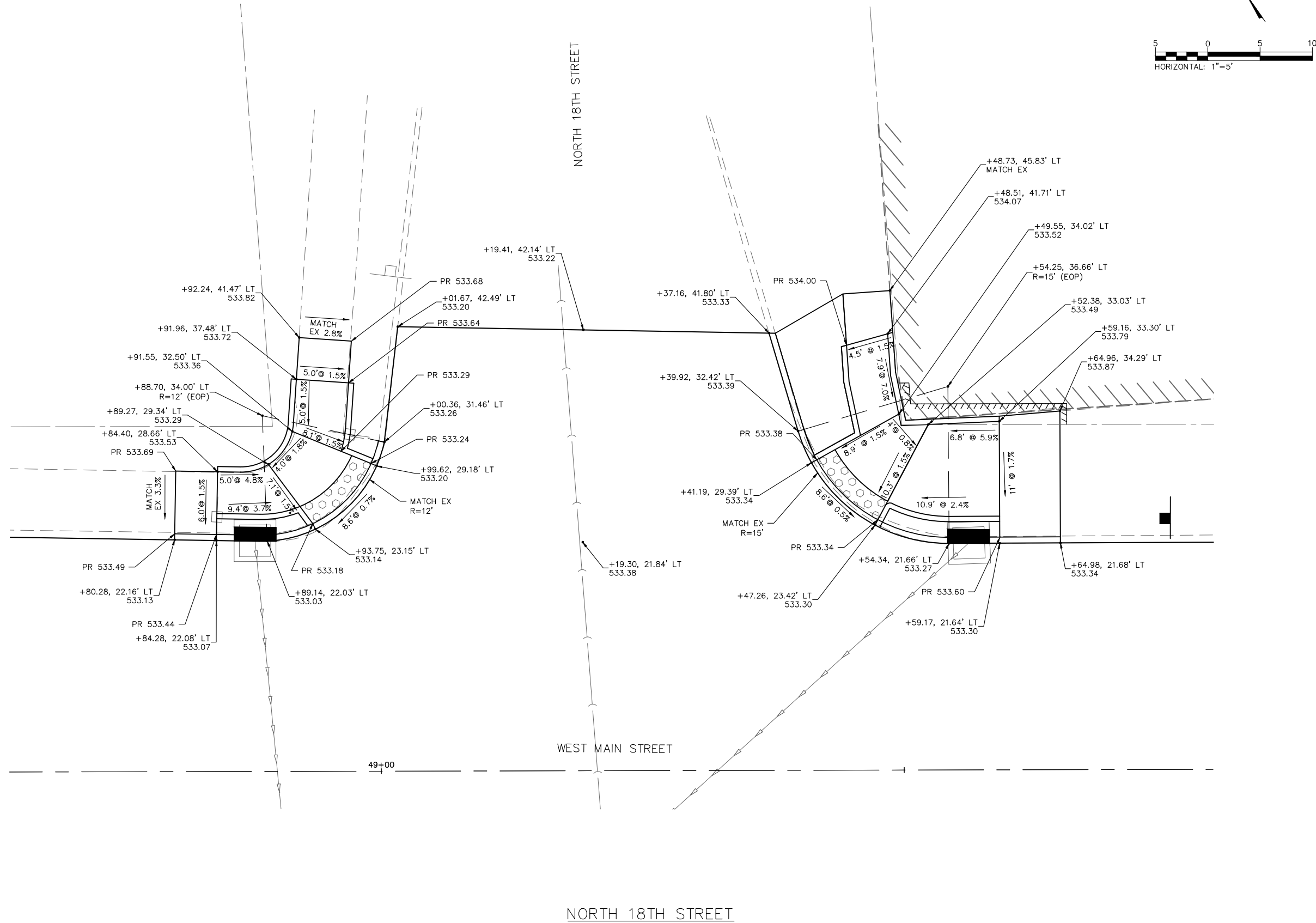
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SHEET TITLE: INTERSECTION DETAILS

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	JLT	SHEET 44
DRAWN BY:	JLT	
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	
DATE OF FINAL:	12/16/2020	
SHEET NO. 44 OF 51 SHEETS		
PROJECT NUMBER	19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_IntersectionDetails.dwg



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PREPARED BY:

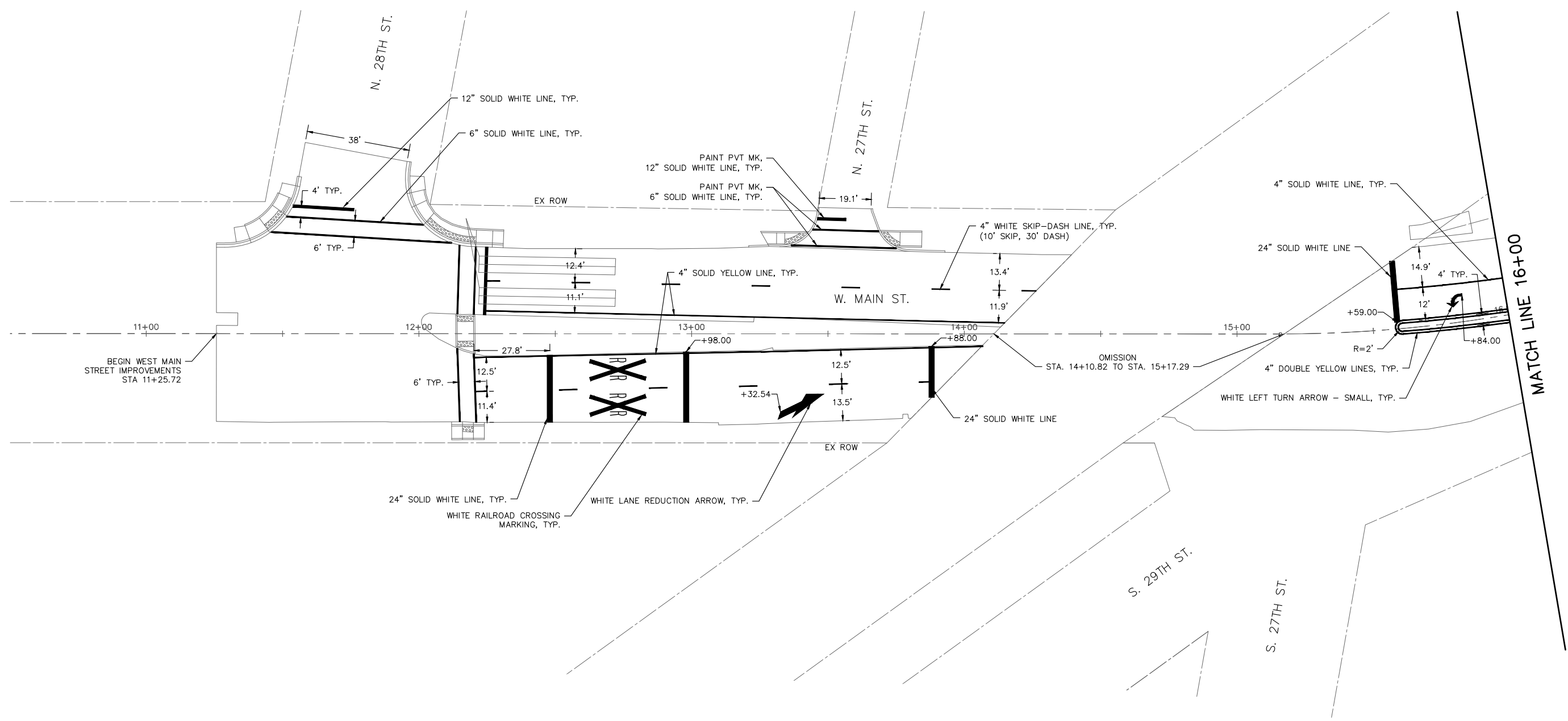
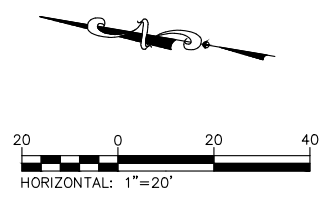
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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SHEET TITLE: INTERSECTION DETAILS
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY:	JLT	SHEET
DRAWN BY:	JLT	
CHECKED BY:	LDC	
DATE OF PRELIMINARY:	11/13/2020	45
DATE OF FINAL:	12/16/2020	
SHEET NO. 45 OF 51 SHEETS		
PROJECT NUMBER	19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PMK.dwg



- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 3. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
 4. 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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CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

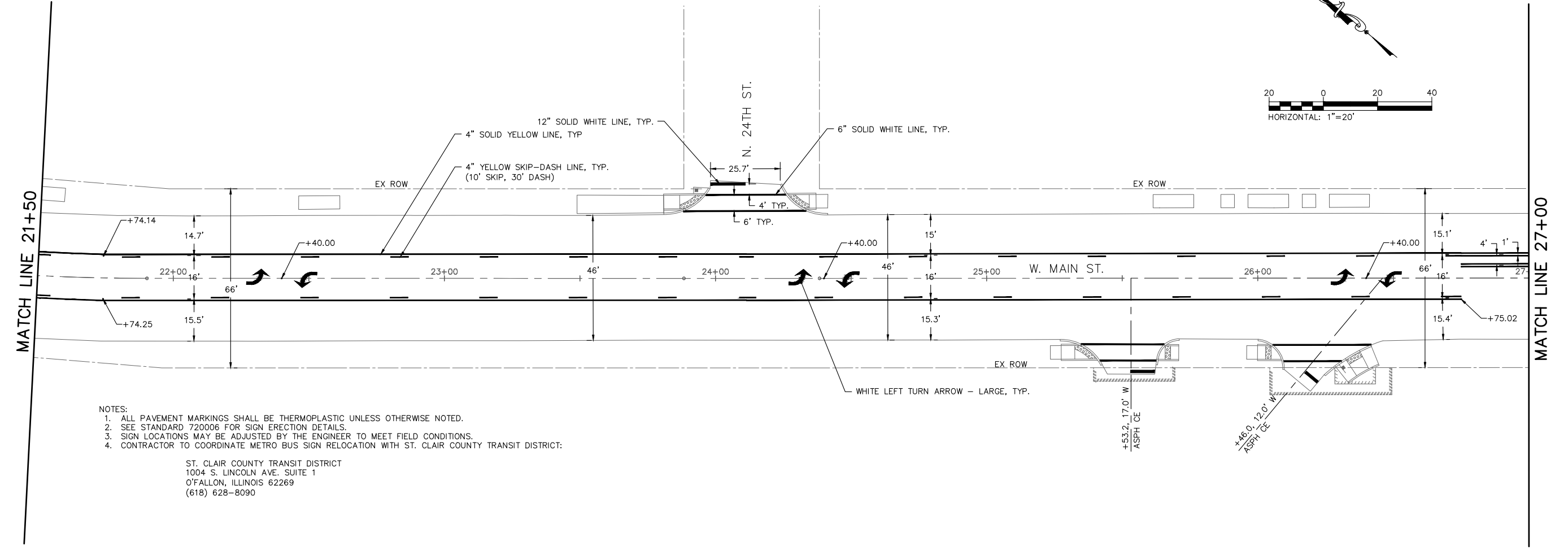
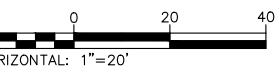
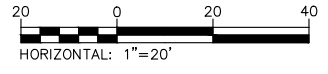
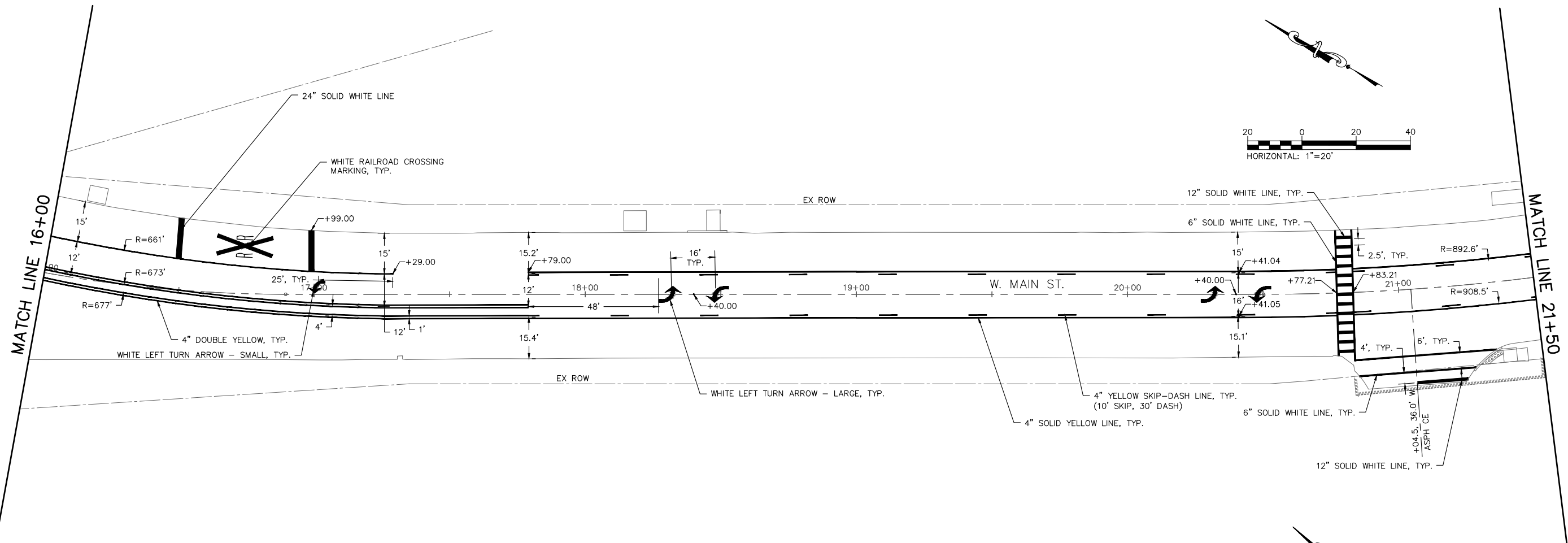
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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	46
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 46 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PWK.dwg



- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
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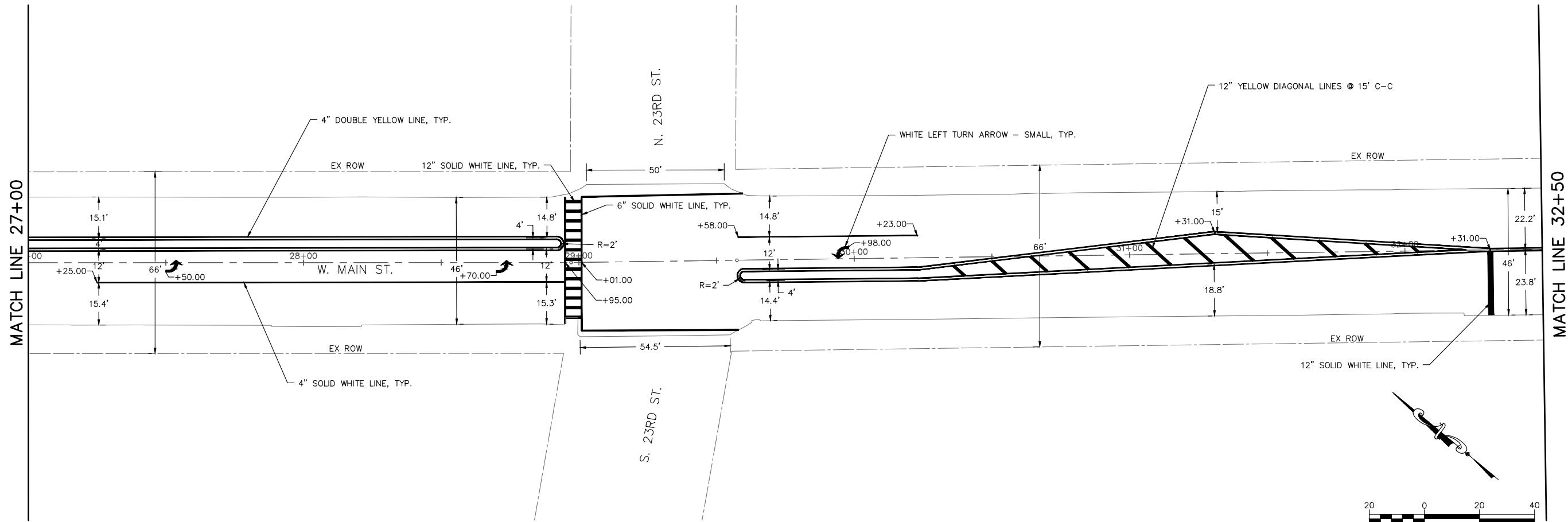
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLAN
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

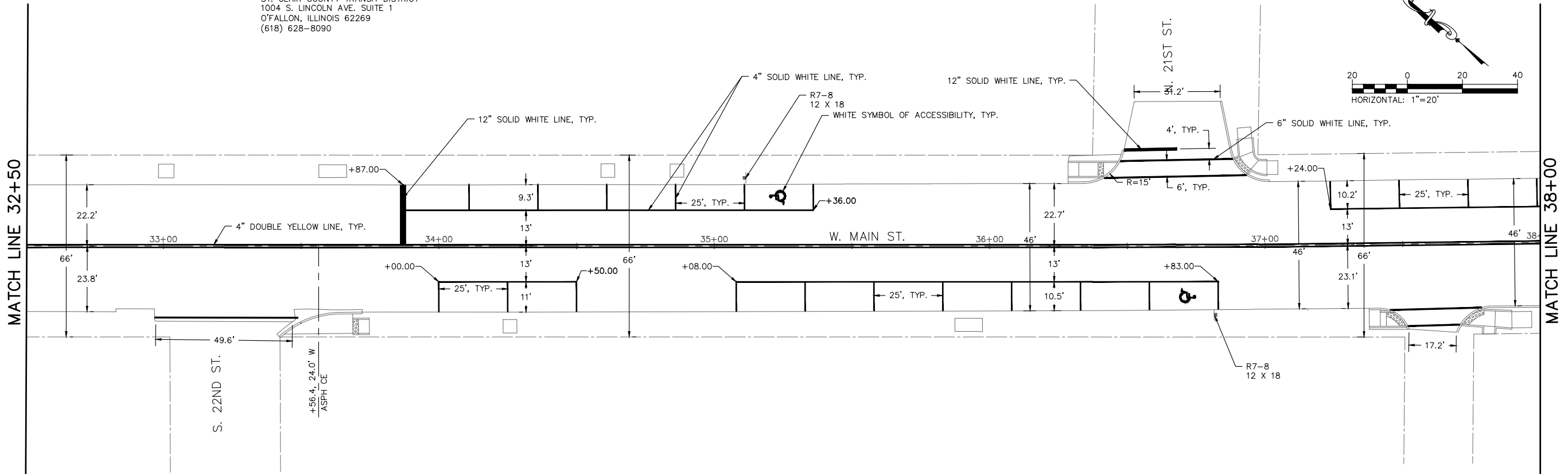
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DRAWN BY: JLT	47
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 47 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PWK.dwg



- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
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PREPARED BY:

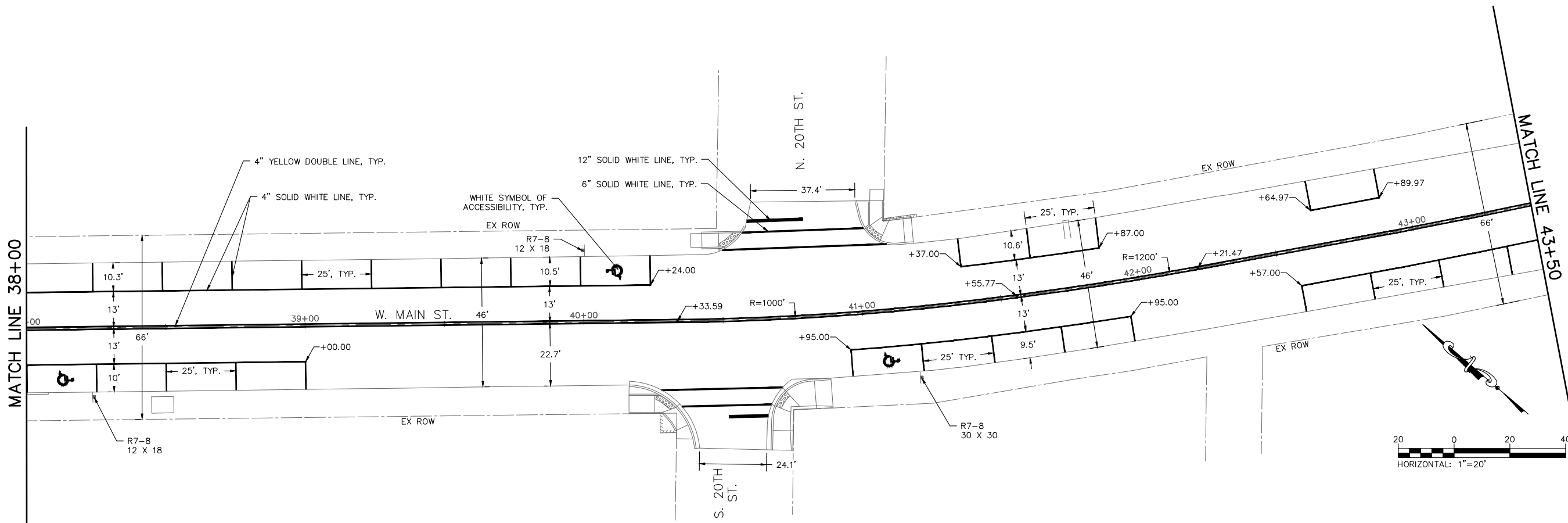
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLAN
 PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

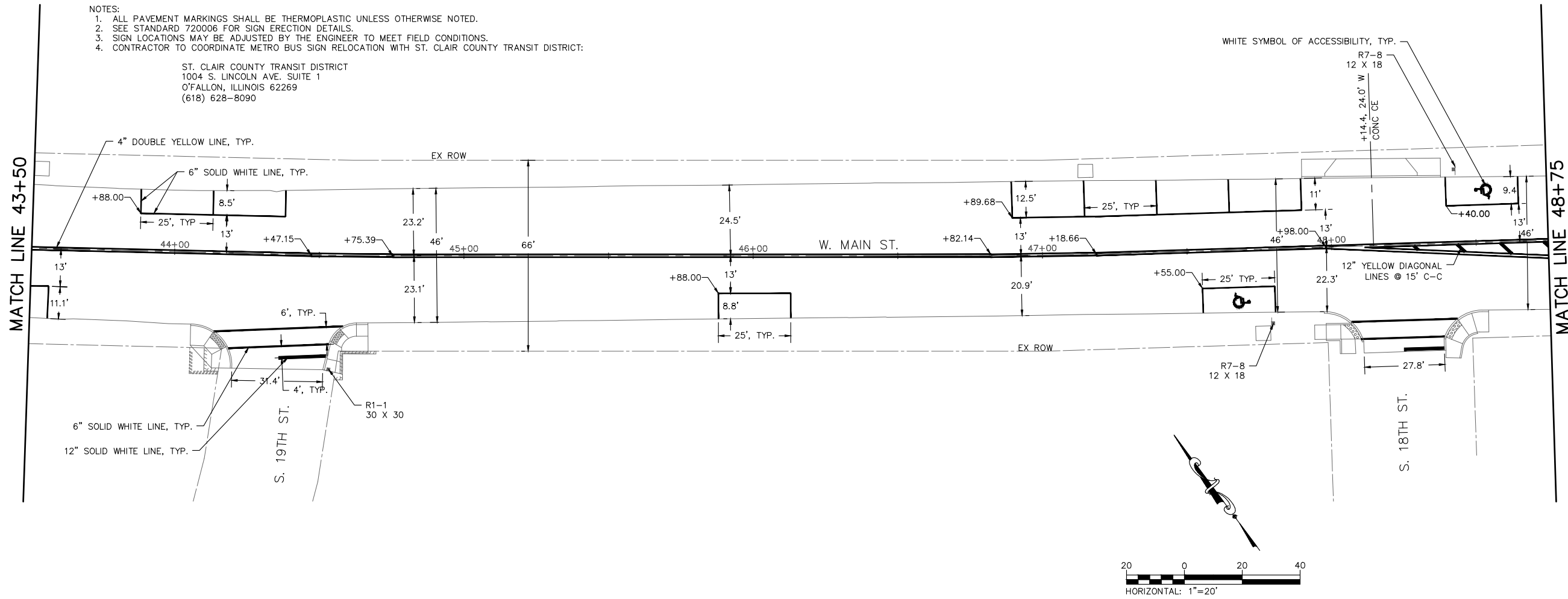
DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	48
DATE OF FINAL: 12/16/2020	
SHEET NO. 48 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PWK.dwg



- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 3. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
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CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

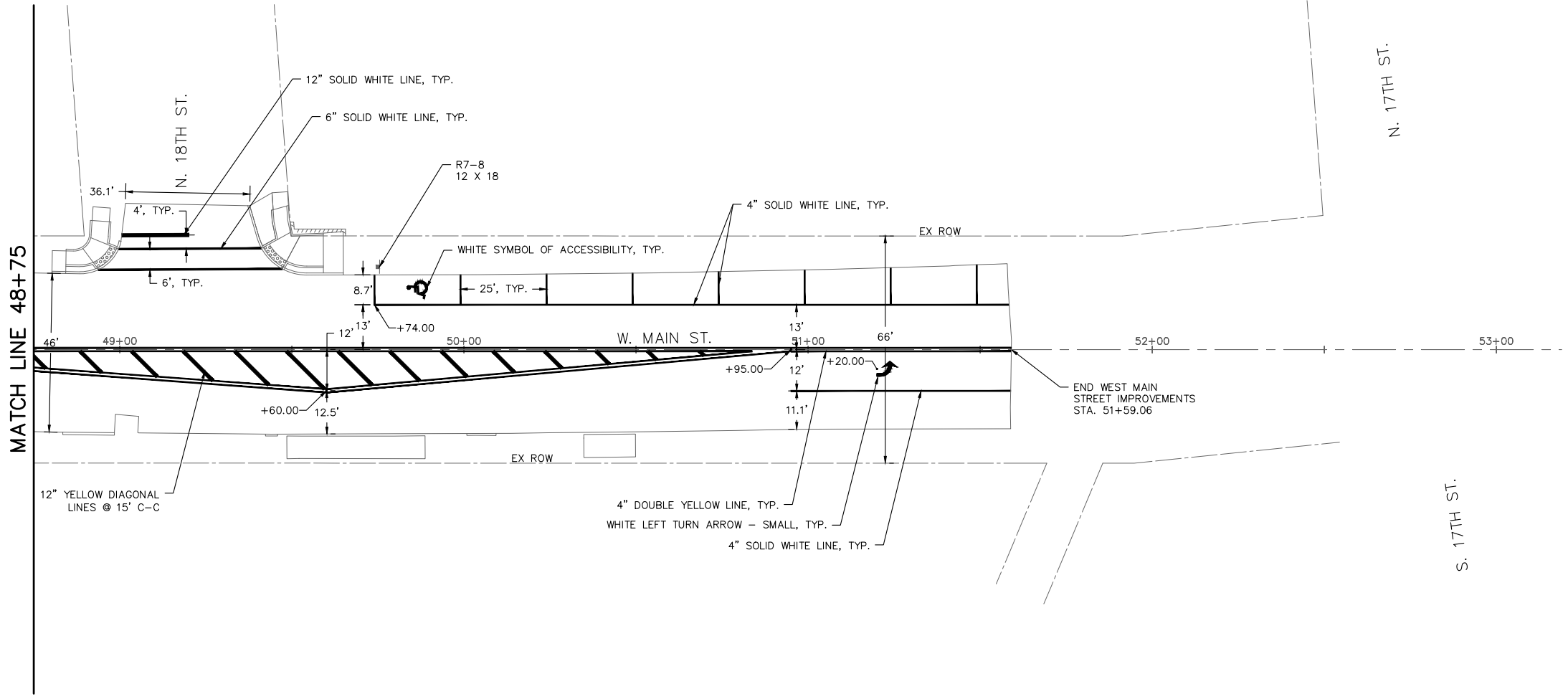
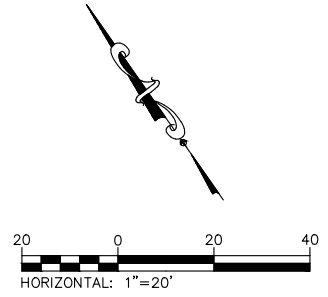
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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLAN

PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	49
DATE OF FINAL: 12/16/2020	
SHEET NO. 49 OF 51 SHEETS	
PROJECT NUMBER 19-1032	

FILE: P:\19-1032\00 West Main Resurfacing 17th to 28th\10_CAD\CADD Sheets\19-1032_PMK.dwg



- NOTES:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. SEE STANDARD 720006 FOR SIGN ERECTION DETAILS.
 3. SIGN LOCATIONS MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
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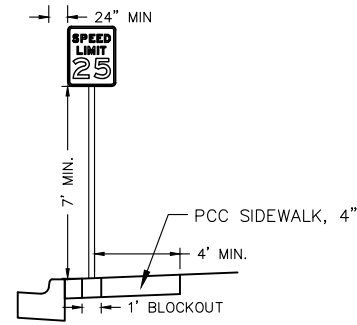
CONTRACT NO. 97751
 SEC. NO. 15-00176-05-RS

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SHEET TITLE: PAVEMENT MARKING AND SIGNING PLAN

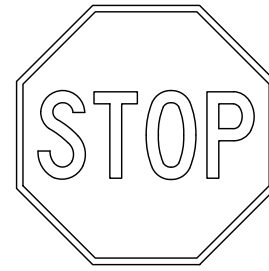
PROJECT TITLE: WEST MAIN STREET RESURFACING
 (17TH ST - 28TH ST)
 CITY OF BELLEVILLE
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	50
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	
DATE OF FINAL: 12/16/2020	
SHEET NO. 50 OF 51 SHEETS	
PROJECT NUMBER 19-1032	



TYPICAL SIGN INSTALLATION IN SIDEWALK
NOT TO SCALE

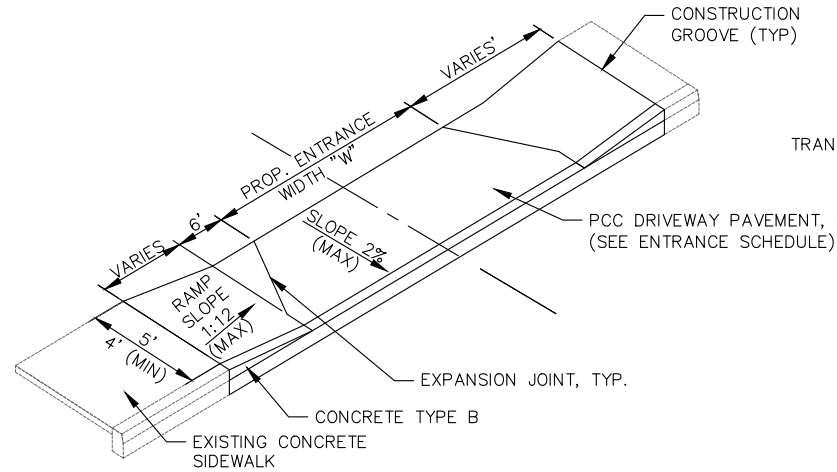
NOTES:
CONTRACTOR SHALL PROVIDE A 1' X 1' BLOCK OUT OR EQUIVALENT IN SIDEWALK AT SIGN POST LOCATIONS. BLOCK OUT TO MATCH ADJACENT CONSTRUCTION AFTER SIGN POST IS INSTALLED. THIS WORK SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



R1-1
30 X 30

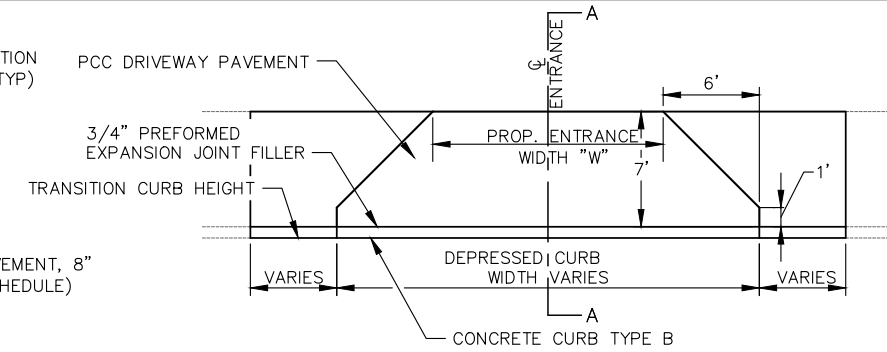


R7-8
12 X 18

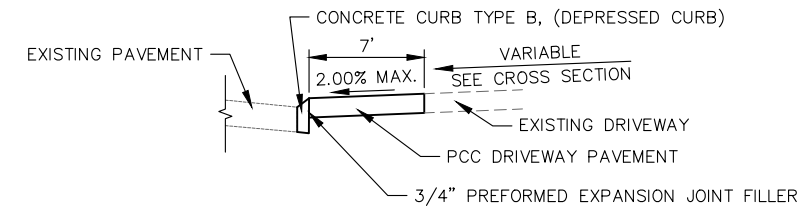


NOTE
IF THE RAMP HAS A MAX SLOPE OF 1:20, AN UPPER LANDING WITH A SLOPE OF 1:50 IS NOT REQUIRED

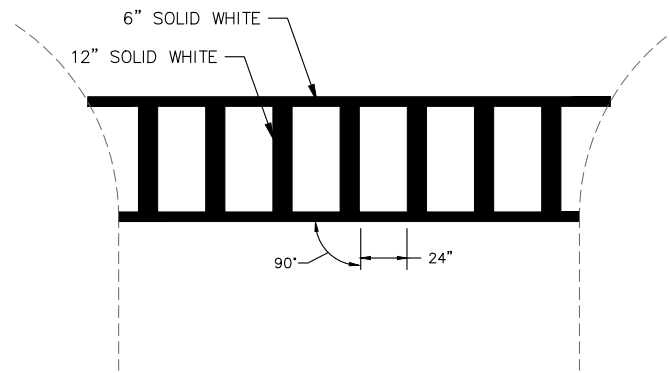
TYPICAL ENTRANCE DETAIL
NOT TO SCALE



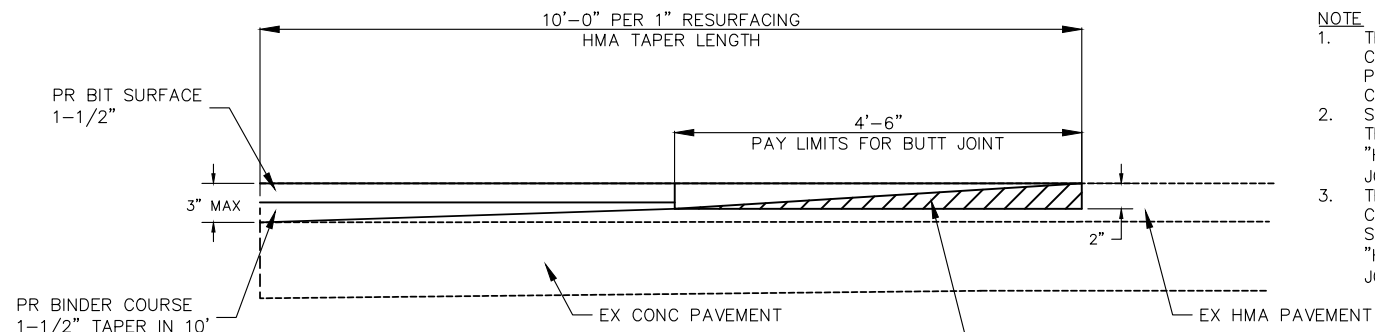
PLAN



SECTION A-A

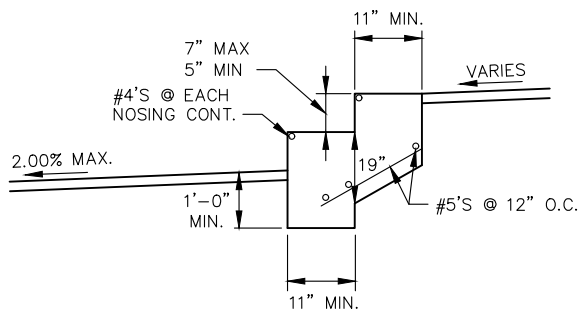


NON-SIGNALIZED OR MID-BLOCK CROSSING
CROSSWALK DETAIL
NOT TO SCALE



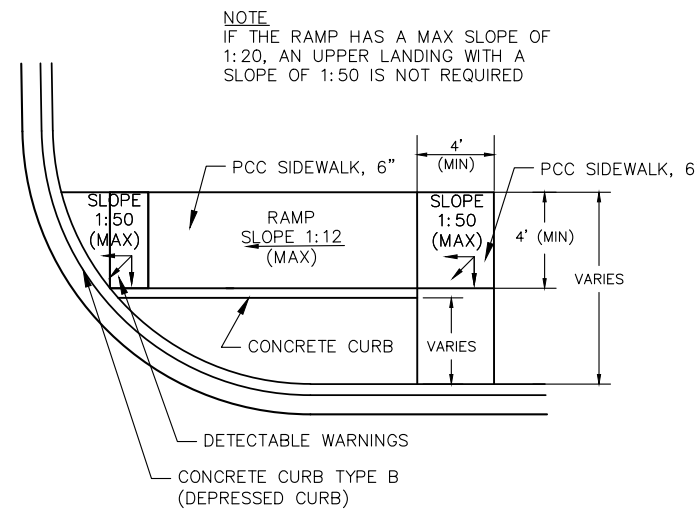
BUTT JOINT DETAIL
NOT TO SCALE

NOTE
1. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
2. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA SURFACE REMOVAL - BUTT JOINT".
3. THE SAW CUT REQUIRED FOR CONSTRUCTION OF THE BUTT JOINT SHALL BE INCLUDED IN THE COST OF "HMA SURFACE REMOVAL - BUTT JOINT".

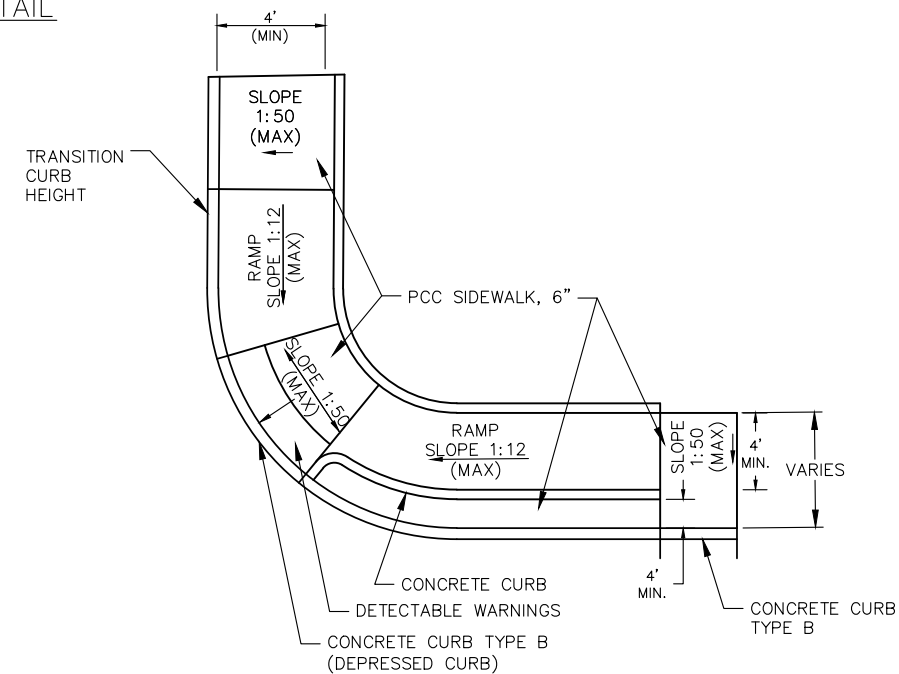


NOTE:
CONTRACTOR TO VERIFY DIMENSIONS OF TRENDS AND RISERS PRIOR TO CONSTRUCTION.
HANDRAILS ARE REQUIRED FOR ALL LOCATIONS WITH 2 OR MORE STEPS.

CLASS SI CONCRETE STEPS
CONSTRUCTION DETAIL
NOT TO SCALE



RAMP DETAIL - PERPENDICULAR CURB RAMP
NOT TO SCALE



RAMP DETAIL - CORNER PARALLEL CURB RAMP
NOT TO SCALE

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LICENSE NO. 184.004773
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Engineering Group, LLC
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Illinois Professional Design Firm
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PREPARED BY:

CONTRACT NO. 97751
SEC. NO. 15-00176-05-RS

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DETAILS
PROJECT TITLE: WEST MAIN STREET RESURFACING
(17TH ST - 28TH ST)
CITY OF BELLEVILLE
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY: JLT	SHEET
DRAWN BY: JLT	
CHECKED BY: LDC	
DATE OF PRELIMINARY: 11/13/2020	51
DATE OF FINAL: 12/16/2020	
SHEET NO. 51 OF 51 SHEETS	
PROJECT NUMBER 19-1032	