



CONTACT JULIE AT 811
OR 800-892-0123

With the following:

County MADISON

City / Township CITY OF WOOD RIVER

NORTH HALF OF SEC. 27 T.5N., R.9W.
SOUTH HALF OF SEC. 22 T.5N., R.9W.

48 HOURS (2 working days) BEFORE YOU DIG

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- * CHARTER COMMUNICATIONS
4767 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 779-4179
(618) 236-9619
- * WOOD RIVER PUBLIC SERVICES
100 ANDERSON AVE.
WOOD RIVER, IL 62095
(618) 251-3122
WATER, STORM SEWER, & SANITARY SEWER
- * AT&T COMMUNICATIONS
203 GOETHE
COLLINSVILLE, IL 62234
(618) 346-6422
- * AMEREN ILLINOIS
700 OAKWOOD AVENUE
P.O. BOX 478
ALTON, IL 62002
(618) 463-4041
(618) 463-4027
- * AMEREN ILLINOIS
2500 N. CENTER STREET
MARYVILLE, IL 62062
(618) 346-1244 (GAS)

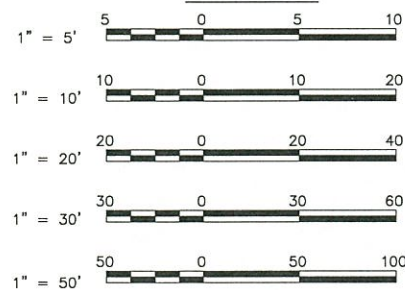
INDEX TO SHEETS

1. COVER SHEET
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3. SUMMARY OF QUANTITIES
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5. TYPICAL SECTIONS
- 6.-11. PLAN AND PROFILE
12. GENERAL TRAFFIC CONTROL PLAN
- 13.-15. PAVEMENT MARKING
- 16.-19. CONSTRUCTION DETAILS

HIGHWAY STANDARDS

424001-11	701301-04
424006-04	701501-06
424011-04	701801-06
424016-05	701901-08
424021-05	720001-01
424026-03	720006-04
606001-07	728001-01
701006-05	780001-05
701011-04	

SCALES



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

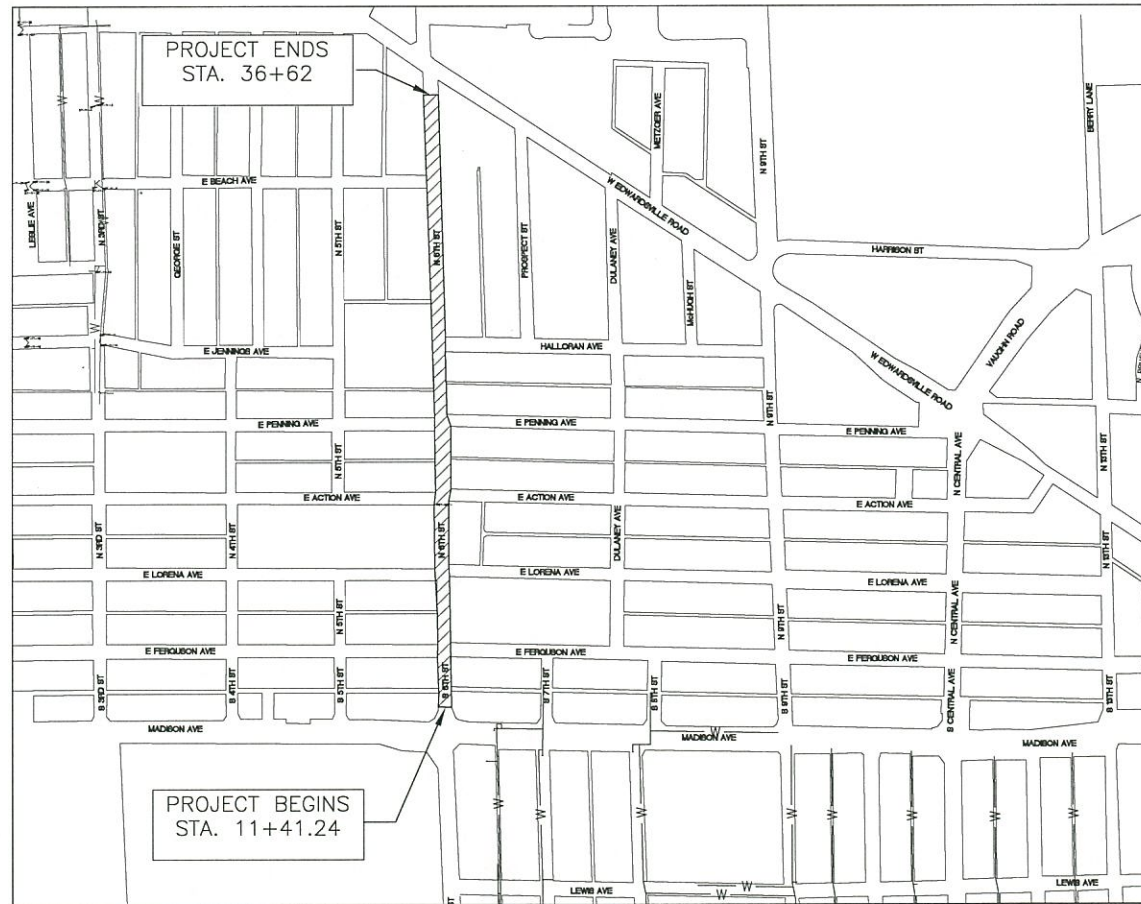
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
DESIGN SPEED = 30 M.P.H.
ADT = 2,450 (2016)

11-08-2019 LETTING ITEM 093

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STU FUNDS

6TH STREET PHASE 2
SECTION 16-00051-01-RS
FAU ROUTE 9008
PROJECT 1V1P(159)
VILLAGE OF WOOD RIVER, ILLINOIS
MADISON COUNTY
JOB C-98-326-16



LOCATION MAP



NET LENGTH OF PROJECT = 2,520.76 FEET = 0.477 MILES
GROSS LENGTH OF PROJECT = 2,520.76 FEET = 0.477 MILES



Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street
Alton, Illinois 62002
618/462-9755

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00051-01-RS	MADISON	19	1
FEDERAL AID PROJECT		CONTRACT NO. 97715	

19 + 2 = 21 Total Sheets



LOCATION OF SECTION INDICATED THIS:-

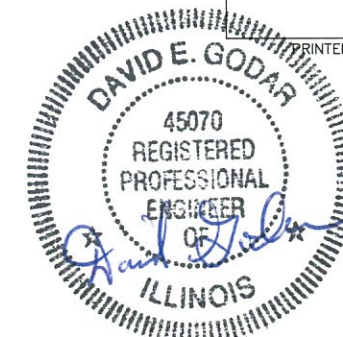
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: 8/29 20 19
Cheyle McGuire
MAYOR

PASSED: September 6 20 19
Donald Schaefer
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED UPON LIMITED
REVIEW: September 6, 2019
Kevin Roberts
REGION 5 ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



DATE SIGNED 8-28-2019
EXPIRATION DATE 11-30-2019


SUMMARY OF QUANTITIES

CODE NO.	CONSTRUCTION TYPE CODE ITEM	0005	
		UNIT	QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,420
40600990	TEMPORARY RAMP	SQ YD	244
40604100	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,100
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,480
42400800	DETECTABLE WARNINGS	SQ FT	263
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	9,822
44000300	CURB REMOVAL	FOOT	13
44000600	SIDEWALK REMOVAL	SQ FT	2,219
44200116	PAVEMENT PATCHING, TYPE I, 10 INCH	SQ YD	15
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	190
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	185
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	325
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	232
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	78

CODE NO.	CONSTRUCTION TYPE CODE ITEM	0005	
		UNIT	QUANTITY
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	3.1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,817
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,009
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	576
* 72000100	SIGN PANEL - TYPE 1	SQ FT	82.5
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	1.5
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	151
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3.1
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,817
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1009
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	576
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	9
X4402400	CURB REMOVAL (SPECIAL)	FOOT	482
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	488
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	3,410

* DENOTES SPECIALTY ITEM

REVISIONS									
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SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992


CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 SUMMARY OF QUANTITIES

CONTRACT NO.	97715
REF. BK.	PG.
JOB NO.	489748.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2019
SCALE:	NONE
SHEET	3 OF 19

REMOVAL SCHEDULE

LOCATION	LOCATION	SIDE	REM. & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	SUBBASE GRANULAR MATERIAL, TYPE B (TON)	HMA SURFACE REMOVAL, 2" (SQ YD)	CURB REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	HMA SURFACE REMOVAL, SPECIAL (SQ YD)	CURB REMOVAL (SPECIAL) (FOOT)
STA. 11+41.24	STA. 36+62		10	20	9,822				
6th STREET	LORENA AVE.	SW QUAD					149		32
6th STREET	LORENA AVE.	NW QUAD					206		31
6th STREET	LORENA AVE.	SE QUAD				13	167		28
6th STREET	LORENA AVE.	NE QUAD					196		24
6th STREET	ACTON AVE.	SW QUAD					139		30
6th STREET	ACTON AVE.	NW QUAD					140		33
6th STREET	ACTON AVE.	SE QUAD					154		30
6th STREET	ACTON AVE.	NE QUAD					126		21
STA. 21+37	STA. 21+50	LT.							13
6th STREET	PENNING AVE.	SW QUAD					-		-
6th STREET	PENNING AVE.	NW QUAD					129	9	27
6th STREET	PENNING AVE.	SE QUAD					162		20
6th STREET	PENNING AVE.	NE QUAD					139		26
STA. 23+26	STA. 23+49	LT.							23
STA. 25+48	STA. 25+53	LT.							5
6th STREET	HALLORAN DR.	SE QUAD					78		21
6th STREET	HALLORAN DR.	NE QUAD					72		14
STA. 27+50	STA. 27+62	LT.							12
STA. 28+75	STA. 28+97	LT.							22
STA. 29+47	STA. 29+56	LT.							9
STA. 31+37	STA. 31+45	RT.							8
STA. 31+37.5	STA. 31+47.5	LT.							10
6th STREET	BEACH AVE.	SW QUAD					184		16
6th STREET	BEACH AVE.	NW QUAD					178		27
TOTAL:			10	20	9,822	13	2,219	9	482

REVISIONS


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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 SCHEDULES

CONTRACT NO.
97715


WR 6TH ST 2020 SCHEDULES.DWG
 REF. BK. PG.
 JOB NO. 489748.1
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2019

SCALE: NONE
 SHEET 4.1 OF 19

PAVEMENT AND SIDEWALK SCHEDULE

LOCATION	STA. 36+62	SIDE	BITUMINOUS MATERIALS (TACK COAT) (POUND)	TEMPORARY RAMP (SQ. YD.)	POLYMERIZED HMA SURFACE COURSE, IL-9.5FG, MIX "C", N50 (TON)	INCIDENTAL HMA SURFACING (TON)	PCC SIDEWALK 4 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	CONCRETE CURB, TYPE B (SPECIAL) (FOOT)
STA. 11+41.24	LOCATION		4,420						
STA. 11+41.24	(BEGINNING)			27					
6th STREET	FERGUSON AVE.			39					
6th STREET	LORENA AVE.			32					
6th STREET	ACTON AVE.			32					
6th STREET	PENNING AVE.			38					
6th STREET	HALLORAN DR.			32					
6th STREET	BEACH AVE.			17					
	STA. 36+62 (END)			27					
STA. 11+41.24	STA. 36+62				1,100				
6th STREET	LORENA AVE.	SW QUAD					146	19	32
6th STREET	LORENA AVE.	NW QUAD					212	22	31
6th STREET	LORENA AVE.	SE QUAD					203	18	28
6th STREET	LORENA AVE.	NE QUAD					207	27	24
6th STREET	ACTON AVE.	SW QUAD					137	20	30
6th STREET	ACTON AVE.	NW QUAD					147	17	33
6th STREET	ACTON AVE.	SE QUAD					171	18	30
6th STREET	ACTON AVE.	NE QUAD					143	19	21
STA. 21+37	STA. 21+50	LT.							13
6th STREET	PENNING AVE.	SW QUAD					-	-	-
6th STREET	PENNING AVE.	NW QUAD				3	196	22	27
6th STREET	PENNING AVE.	SE QUAD					184	20	26
6th STREET	PENNING AVE.	NE QUAD					149	16	26
STA. 23+26	STA. 23+49	LT.							23
STA. 25+48	STA. 25+53	LT.							5
6th STREET	HALLORAN DR.	SE QUAD					100	10	21
6th STREET	HALLORAN DR.	NE QUAD					101	10	14
STA. 27+50	STA. 27+62	LT.							12
STA. 28+75	STA. 28+97	LT.							22
STA. 29+47	STA. 29+56	LT.							9
STA. 31+37	STA. 31+45	RT.							8
STA. 31+37.5	STA. 31+47.5	LT.							10
6th STREET	BEACH AVE.	SW QUAD					193	12	16
6th STREET	BEACH AVE.	NW QUAD					191	13	27
TOTAL:			4,420	244	1,100	3	2,480	263	488

REVISIONS


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 DESIGN FIRM # 1B4-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 16-00051-01-RS
6TH STREET
SCHEDULES

CONTRACT NO.
97715

WR 6TH ST 2020 SCHEDULES.DWG
 REF. BK. PG.
 JOB NO. 489748.1
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2019

SCALE: NONE
 SHEET 4.2 OF 19

SIGNING SCHEDULE							
LOCATION STATION	LEGEND OR TYPE	MUTCD SIGN DESIGNATION	SIZE W X H (INCHES)	SIGN PANEL TYPE 1 (SQ. FT.)	RELOCATE SIGN PANEL (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	NOTES
14+60 RT.	"SCHOOL"	S4-3P	24" X 8"	1.33		17	FLUORESCENT YELLOW-GREEN COLOR
	"SPEED LIMIT 20"	R2-1	24" X 30"	5			
	"WHEN CHILDREN ARE PRESENT"	S4-2P	24" X 10"	1.67			
15+38 RT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	"AHEAD"	W16-9P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
16+38 RT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	DOWNWARD DIAGONAL ARROW	W16-7P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
16+98 LT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	DOWNWARD DIAGONAL ARROW	W16-7P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
19+53 RT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	DOWNWARD DIAGONAL ARROW	W16-7P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
20+10 LT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	DOWNWARD DIAGONAL ARROW	W16-7P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
21+54 LT.	SCHOOL	S1-1	36" X 36"	9		17	FLUORESCENT YELLOW-GREEN COLOR
	"AHEAD"	W16-9P	24" X 12"	2			FLUORESCENT YELLOW-GREEN COLOR
22+46 LT.	"SCHOOL"	S4-3P	24" X 8"	1.33		17	FLUORESCENT YELLOW-GREEN COLOR
	"SPEED LIMIT 20"	R2-1	24" X 30"	5			
	"WHEN CHILDREN ARE PRESENT"	S4-2P	24" X 10"	1.67			
21+85 LT.	ACCESSIBLE PARKING	R7-8	12" X 18"		1.5	15	RELOCATE EXISTING ADA SIGN AT STA. 21+85 TO HEAD OF NEW ADA SPACE AT STA. 22+10
	\$250 FINE	R7-I101	12" X 6"	0.5			
TOTAL				82.5	1.5	151	

SIGN SCHEDULE NOTES

1. ALL SIGNS SHALL BE LOCATED PER HIGHWAY STANDARD 720006 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

PAVEMENT MARKING SCHEDULE		
ITEM	QUANTITY	UNIT
SHORT TERM PAVEMENT MARKING	232	FOOT
SHORT TERM PAVEMENT MARKING REMOVAL	78	FOOT
THERMOPLASTIC PAVEMENT MARKING – LINE 4" (WHITE)	2,198	FOOT
THERMOPLASTIC PAVEMENT MARKING – LINE 4" (YELLOW)	4,619	FOOT
TOTAL 4"	6,817	FOOT
THERMOPLASTIC PAVEMENT MARKING – LINE 6" (WHITE)	1,009	FOOT
THERMOPLASTIC PAVEMENT MARKING – LINE 12" (WHITE)	576	FOOT
THERMOPLASTIC PAVEMENT MARKING – LETTERS AND SYMBOLS (WHITE)	3.1	SQ. FT.
TEMPORARY PAVEMENT MARKING REMOVAL	3,410	SQ. FT.

PAVEMENT PATCHING SCHEDULE								
STATION TO STATION		LANE	LENGTH (FEET)	WIDTH (FEET)	PAVEMENT PATCHING, 10 INCH (SQ. YD.)			
					TYPE I	TYPE II	TYPE III	TYPE IV
11+52 Rt.	11+80 Rt.	NB	28	10				31
11+82 Lt.	11+86 Lt.	SB	4	19		8		
11+90 Rt.	12+00 Rt.	NB	10	18			20	
11+90 Lt.	12+00 Lt.	SB	10	18			20	
12+72 Rt.	12+83.5 Rt.	NB	11.5	13.5			17	
15+03 Rt.	15+09 Rt.	NB	6	4	3			
15+07 Rt.	15+12 Rt.	NB	5	6	3			
15+07Lt.	15+12 Lt.	SB	5	13.5		8		
15+16 Rt.	15+22 Rt.	NB	6	18		12		
15+18 Lt.	15+23 Lt.	SB	5	18		10		
15+70 Rt.	15+75 Rt.	NB	5	13.5		8		
18+70 Lt.	18+86 Lt.	SB	16	18				32
19+79 Rt.	19+87 Rt.	NB	8	6		5		
21+37 Lt.	21+46 Lt.	SB	9	4	4			
22+70 Lt.	22+79 Lt.	SB	9	7		7		
23+20 Rt.	23+26 Rt.	NB	6	14.5		10		
23+20 Lt.	23+26 Lt.	SB	6	14.5		10		
23+36 Lt.	23+43 Lt.	SB	7	14.5		11		
23+43 Rt.	23+70 Rt.	NB	27	14.5				44
23+43 Lt.	23+70 Lt.	SB	27	14.5				44
24+10 Rt.	24+17 Rt.	NB	7	10.5		8		
24+20 Lt.	24+29 Lt.	SB	9	7		7		
24+62 Lt.	24+70 Lt.	SB	8	6.5		6		
25+35 Rt.	25+82 Rt.	NB	47	7				37
25+48 Lt.	25+61 Lt.	SB	13	11			16	
26+36 Lt.	27+30 Lt.	SB	94	8				84
27+22 Rt.	27+27 Rt.	NB	5	6	3			
28+00 Lt.	28+07 Lt.	SB	7	6		5		
28+30 Lt.	28+36 Lt.	SB	6	12		8		
28+53 Lt.	28+59 Lt.	SB	6	8		5		
28+86 Lt.	28+92 Lt.	SB	6	8		5		
29+02 Lt.	29+19 Lt.	SB	17	4		8		
29+47 Lt.	29+56 Lt.	SB	9	15			15	
29+91 Rt.	29+99 Rt.	NB	8	7		6		
31+35 Lt.	31+47.5 Lt.	SB	12.5	12			17	
31+37 Rt.	31+45 Rt.	NB	8	17			15	
31+58 Rt.	31+62 Rt.	NB	4	14.5		6		
31+58 Lt.	31+62 Lt.	SB	4	14.5		6		
32+82 Rt.	32+93 Rt.	NB	11	14.5			18	
32+82 Lt.	32+93 Lt.	SB	11	14.5			18	
SUB-TOTALS					13	159	155	270
ADDITIONAL ALLOWANCE					2	31	30	55
TOTAL					15	190	185	325

REVISIONS									
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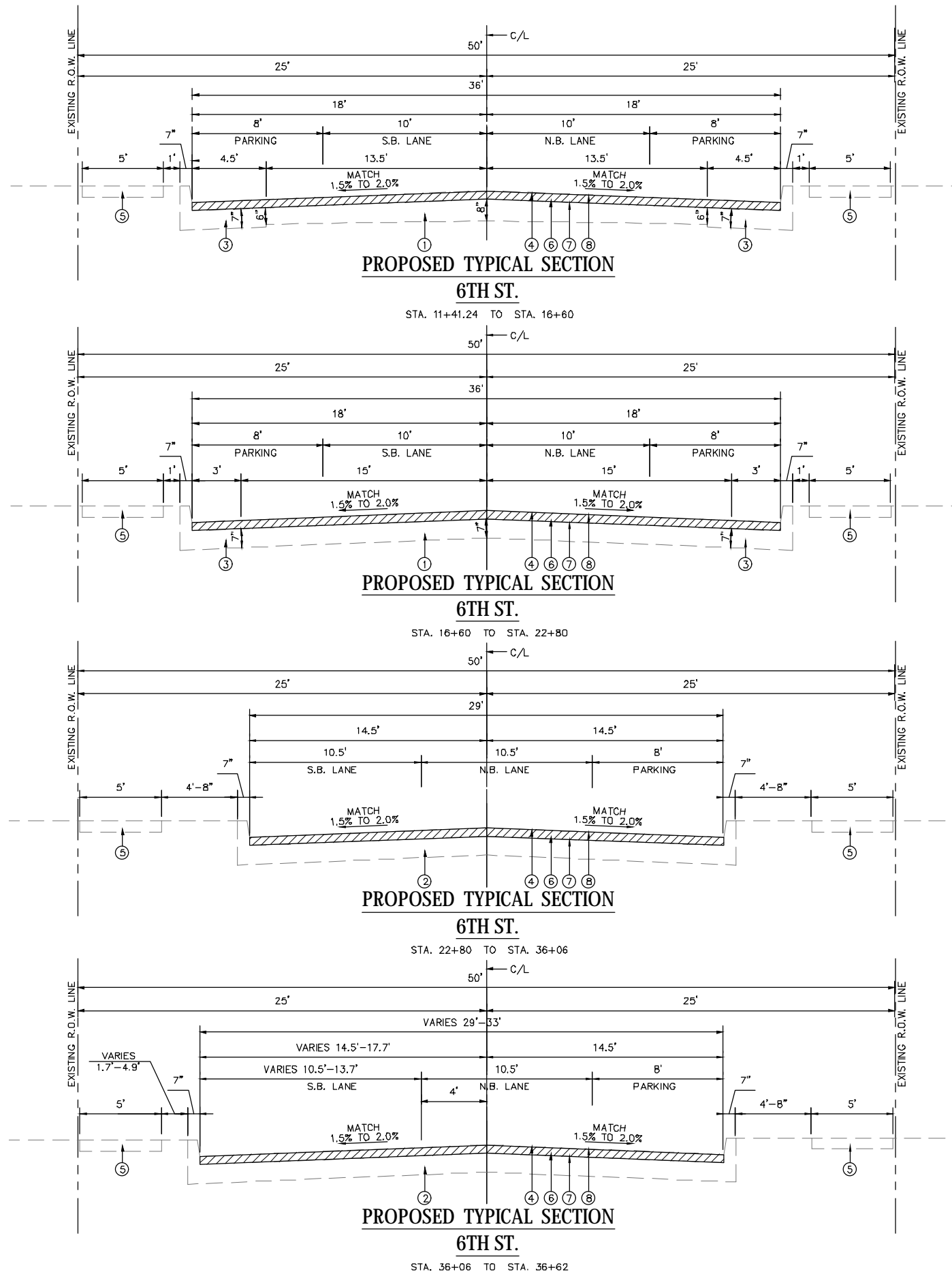

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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 16-00051-01-RS
6TH STREET
SCHEDULES

CONTRACT NO. 97715

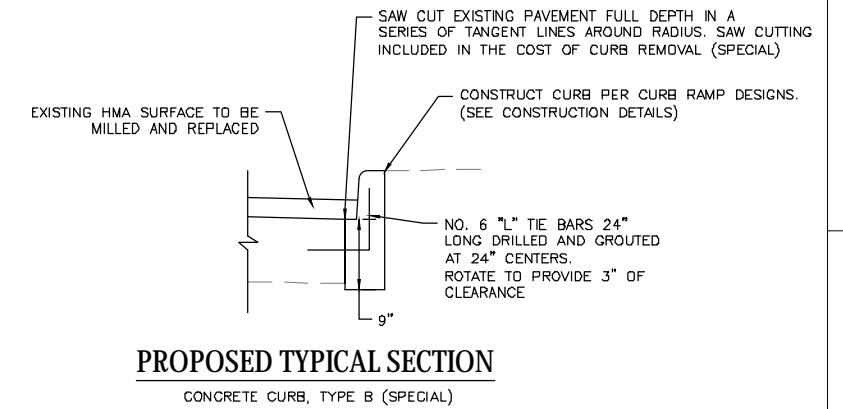
REF. BK.	PG.
JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	

SCALE: NONE
SHEET 4.3 OF 19



PAVING LEGEND

- ① EXISTING P.C.C. PAVEMENT, VARIES 6" TO 8"
- ② EXISTING P.C.C. PAVEMENT WITH MONOLITHIC CURB, VARIES 6" TO 8"
- ③ EXISTING P.C.C. PAVEMENT WIDENING WITH MONOLITHIC CURB, VARIES 6" TO 8"
- ④ EXISTING HMA SURFACE, 2"
- ⑤ EXISTING P.C.C. SIDEWALK, 4"
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2" SHOWN AS-
- ⑦ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SS1-VH)
- ⑧ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "C", N50 (2")



PROPOSED TYPICAL SECTION

CONCRETE CURB, TYPE B (SPECIAL)

MIX DESIGNS		
MIXTURE USE	SURFACE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22
MAX. RAP %	*	*
DESIGN AIR VOIDS	4% ϕ NDES = 50	4% ϕ NDES = 50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	----
FRICTION AGG.	MIX C	MIX C

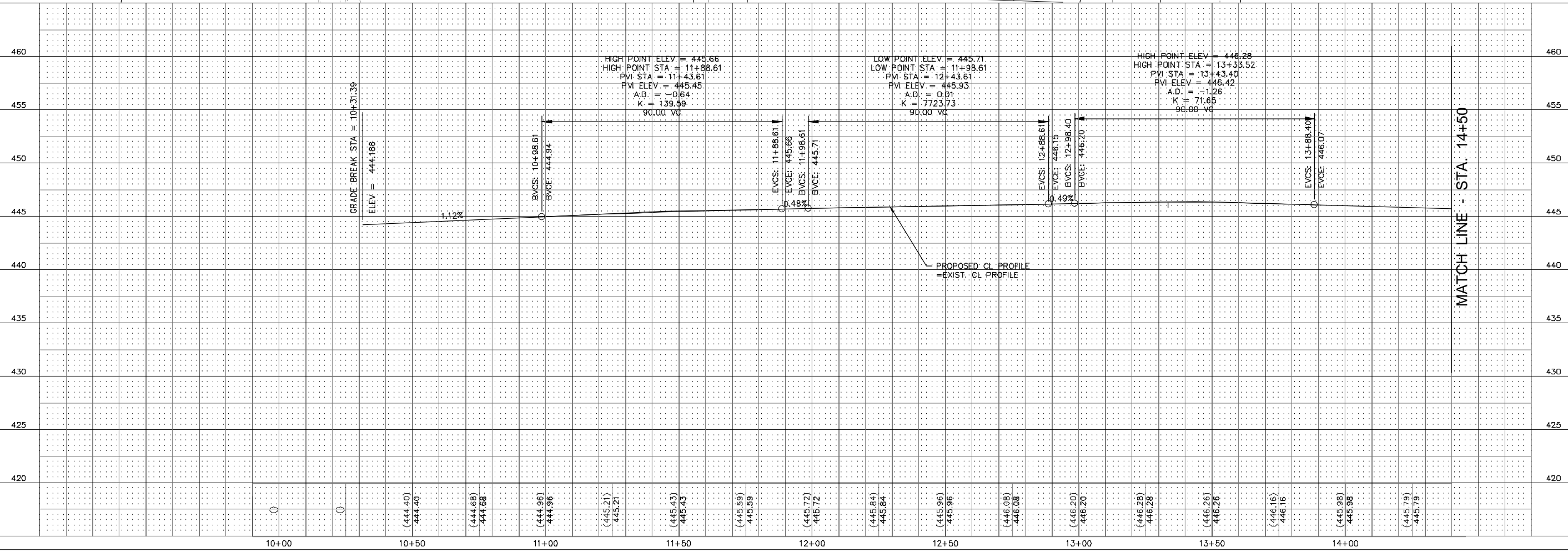
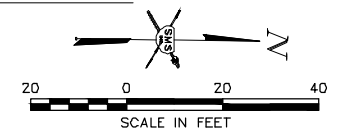
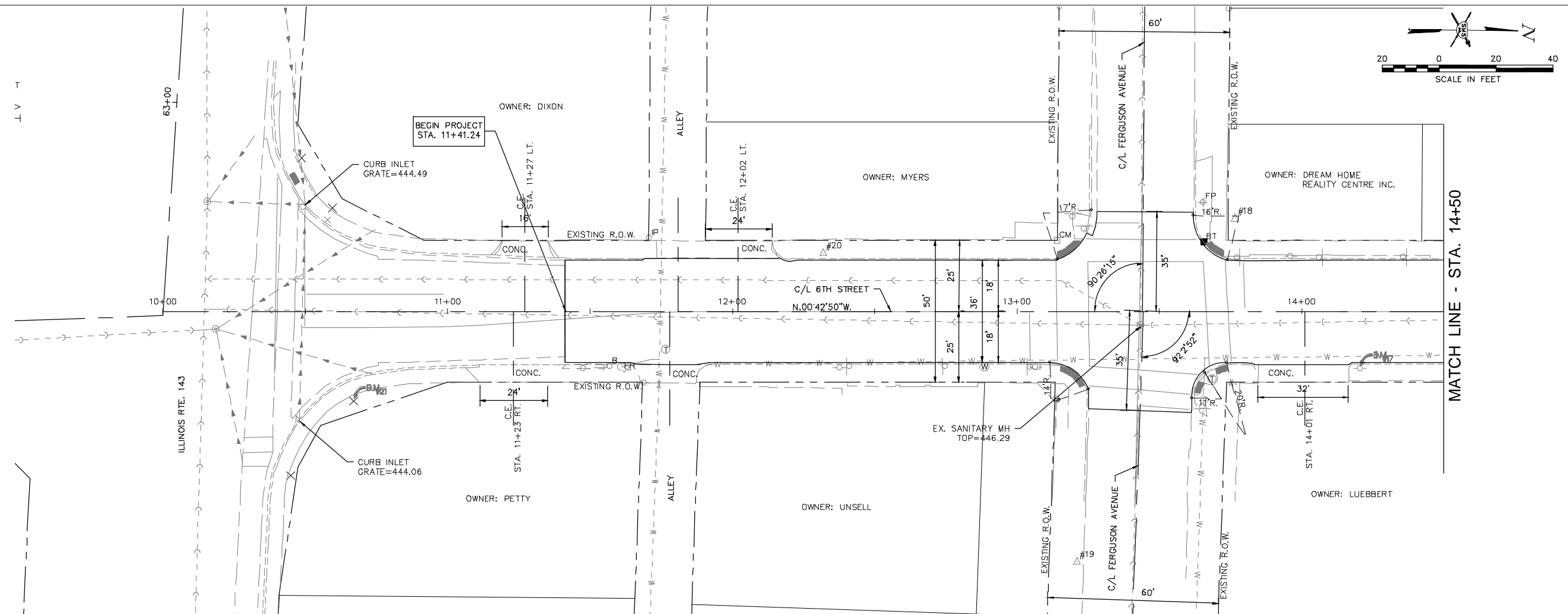
*SEE SPECIAL PROVISIONS

NO.	DESCRIPTION

SMS Sheppard, Morgan & Schwab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, Alton, IL 62002 618/462-9715 E-mail: mail@smsengineers.com
DESIGN FIRM # 184- 000992

CITY OF WOOD RIVER, ILLINOIS
SECTION 16-00051-01-RS
6TH STREET
TYPICAL SECTIONS

CONTRACT NO. 97715
WOOD RIVER 2020 TYP.DWG
REF. BK. PG.
JOB NO. 409433.1
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: AUGUST, 2019
SCALE: NONE
SHEET 5 OF 19



REVISIONS

SMS ENGINEERS
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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PLAN AND PROFILE

CONTRACT NO. 97715
 WR 6TH ST 2020 PP.DWG

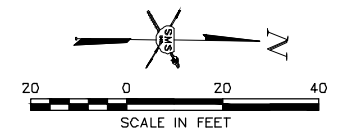
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JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	

HORIZ: 1" = 20'
 SCALE: VERT: 1" = 5'

SHEET 6 OF 19

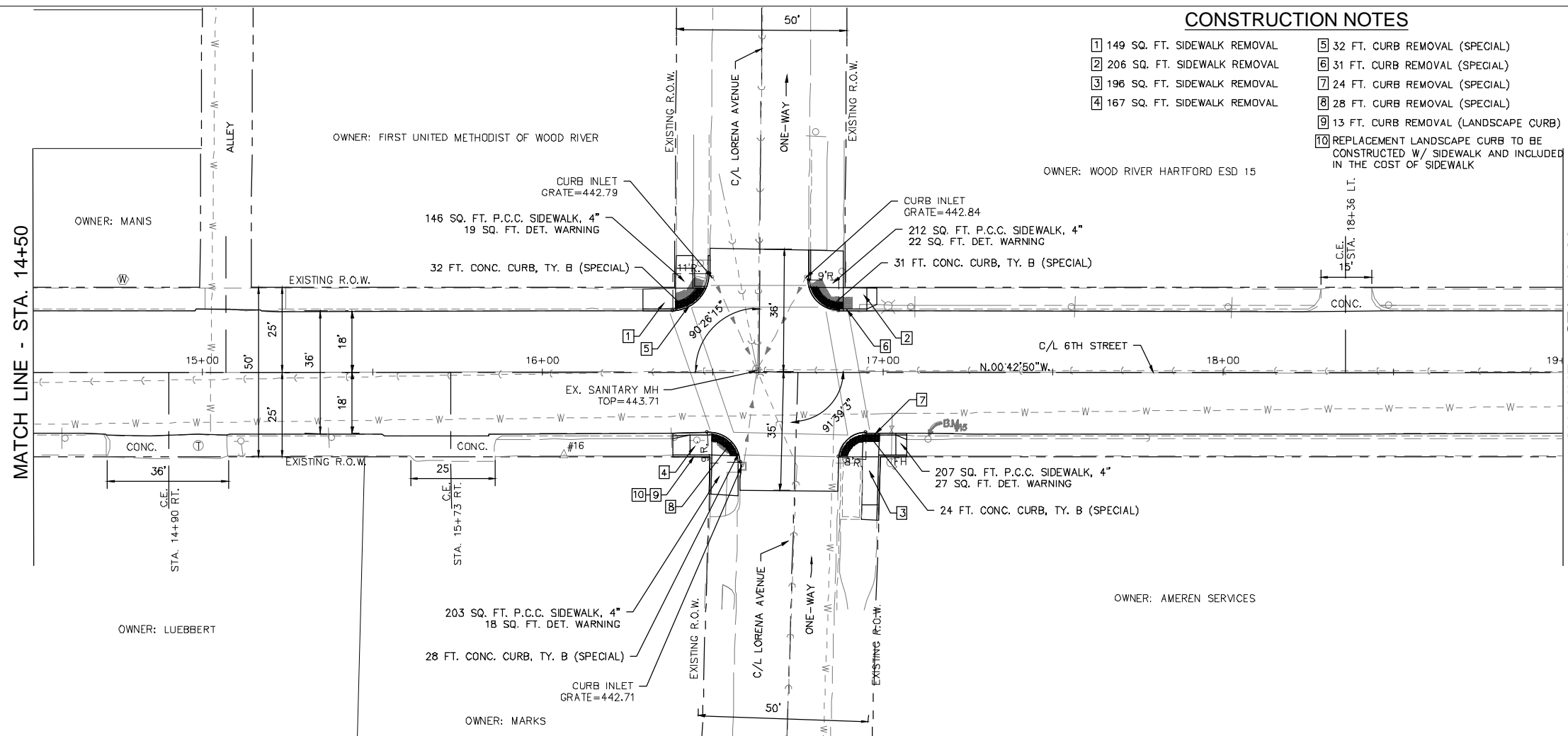
CONSTRUCTION NOTES

- 1 149 SQ. FT. SIDEWALK REMOVAL
- 2 206 SQ. FT. SIDEWALK REMOVAL
- 3 196 SQ. FT. SIDEWALK REMOVAL
- 4 167 SQ. FT. SIDEWALK REMOVAL
- 5 32 FT. CURB REMOVAL (SPECIAL)
- 6 31 FT. CURB REMOVAL (SPECIAL)
- 7 24 FT. CURB REMOVAL (SPECIAL)
- 8 28 FT. CURB REMOVAL (SPECIAL)
/L
- 9 13 FT. CURB REMOVAL (LANDSCAPE CURB)
- 10 REPLACEMENT LANDSCAPE CURB TO BE CONSTRUCTED W/ SIDEWALK AND INCLUDED IN THE COST OF SIDEWALK



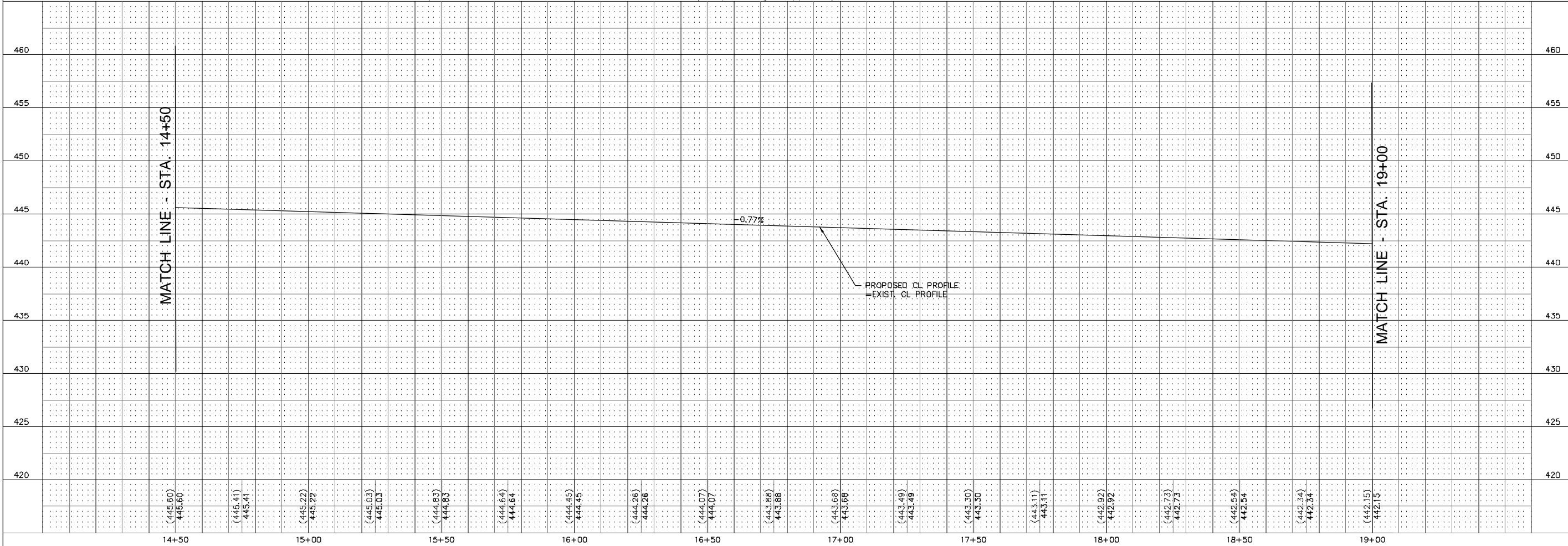
MATCH LINE - STA. 14+50

MATCH LINE - STA. 19+00



MATCH LINE - STA. 14+50

MATCH LINE - STA. 19+00



REVISIONS

SMS
ENGINEERS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS

215 Market Street, Alton, IL 62002 618/462-3755 Email: ms@smsengineers.com
DESIGN FIRM # 184-000992

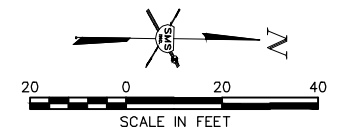
CITY OF WOOD RIVER, ILLINOIS
SECTION 16-00051-01-RS
6TH STREET
PLAN AND PROFILE

CONTRACT NO.
97715
WR 6TH ST 2020 PP.DWG

REF. BK.	PG.
JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	
HORIZ: 1" = 20'	
SCALE: VERT: 1" = 5'	

SHEET 7 OF 19

OWNER: WOOD RIVER HARTFORD ESD 15



OWNER: JOHNSON

OWNER: ST. JOHN EVANGELICAL CHURCH

OWNER: WOLFF

147 SQ. FT. P.C.C. SIDEWALK, 4"
17 SQ. FT. DET. WARNING

33 FT. CONC. CURB, TY. B (SPECIAL)

CURB RAMP WORK
(BY OTHERS)

27 FT. CONC. CURB, TY. B (SPECIAL)

3 TONS INCLD. HMA SURFACING (6")
(INCL. ALL AT CORNER)

196 SQ. FT. P.C.C. SIDEWALK, 4"
22 SQ. FT. DET. WARNING

137 SQ. FT. P.C.C. SIDEWALK, 4"
20 SQ. FT. DET. WARNING

30 FT. CONC. CURB, TY. B (SPECIAL)

EXISTING R.O.W.

171 SQ. FT. P.C.C. SIDEWALK, 4"
18 SQ. FT. DET. WARNING

30 FT. CONC. CURB, TY. B (SPECIAL)

EXISTING R.O.W.

OWNER: AMEREN SERVICES

143 SQ. FT. P.C.C. SIDEWALK, 4"
19 SQ. FT. DET. WARNING

21 FT. CONC. CURB, TY. B (SPECIAL)

OWNER: LAW

OWNER: ST. JOHN UNITED CHURCH OF CHRIST

184 SQ. FT. P.C.C. SIDEWALK, 4"
20 SQ. FT. DET. WARNING

26 FT. CONC. CURB, TY. B (SPECIAL)

OWNER: HANNEKEN

23 FT. CONC. CURB, TY. B (SPECIAL)

CURB INLET
GRATE=436.57

149 SQ. FT. P.C.C. SIDEWALK, 4"
16 SQ. FT. DET. WARNING

26 FT. CONC. CURB, TY. B (SPECIAL)

CONSTRUCTION NOTES

- 1 139 SQ. FT. SIDEWALK REMOVAL
- 2 140 SQ. FT. SIDEWALK REMOVAL
- 3 126 SQ. FT. SIDEWALK REMOVAL
- 4 154 SQ. FT. SIDEWALK REMOVAL
- 5 30 FT. CURB REMOVAL (SPECIAL)
- 6 33 FT. CURB REMOVAL (SPECIAL)
- 7 21 FT. CURB REMOVAL (SPECIAL)
- 8 30 FT. CURB REMOVAL (SPECIAL)
- 9 23 FT. CURB REMOVAL (SPECIAL) 23+26 TO 23+49 RT.
- 10 129 SQ. FT. SIDEWALK REMOVAL
- 11 139 SQ. FT. SIDEWALK REMOVAL
- 12 162 SQ. FT. SIDEWALK REMOVAL
- 13 13 FT. CURB REMOVAL (SPECIAL) 21+37 TO 21+50 LT.
- 14 27 FT. CURB REMOVAL (SPECIAL)
- 15 26 FT. CURB REMOVAL (SPECIAL)
- 16 20 FT. CURB REMOVAL (SPECIAL)
- 17 9 SQ.YD. HMA SURF. REMOVAL, SPECIAL

MATCH LINE - STA. 19+00

MATCH LINE - STA. 24+00

MATCH LINE - STA. 19+00

MATCH LINE - STA. 24+00

HIGH POINT ELEV = 441.83
 HIGH POINT STA = 19+42.24
 PVI STA = 19+87.24
 PVI ELEV = 441.48
 A.D. = -0.80
 K = 112.23
 90.00 VC

LOW POINT ELEV = 437.02
 LOW POINT STA = 23+12.96
 PVI STA = 22+81.07
 PVI ELEV = 436.88
 A.D. = 0.91
 K = 52.23
 100.00 VC

-1.57%

PROPOSED CL PROFILE
EXIST. CL PROFILE

19+00

19+50

20+00

20+50

21+00

21+50

22+00

22+50

23+00

23+50

24+00

(442.15)
442.15

(441.96)
441.96

(441.77)
441.77

(441.53)
441.53

(441.24)
441.24

(440.89)
440.89

(440.50)
440.50

(440.11)
440.11

(439.72)
439.72

(439.32)
439.32

(438.93)
438.93

(438.54)
438.54

(438.15)
438.15

(437.76)
437.76

(437.40)
437.40

(437.16)
437.16

(437.03)
437.03

(437.03)
437.03

(437.12)
437.12

(437.20)
437.20

(437.29)
437.29

REVISIONS

SMS Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 ENGINEERS

715 Market Street, Alton, IL 62002 618-465-9755 E-mail: mail@smsengineers.com
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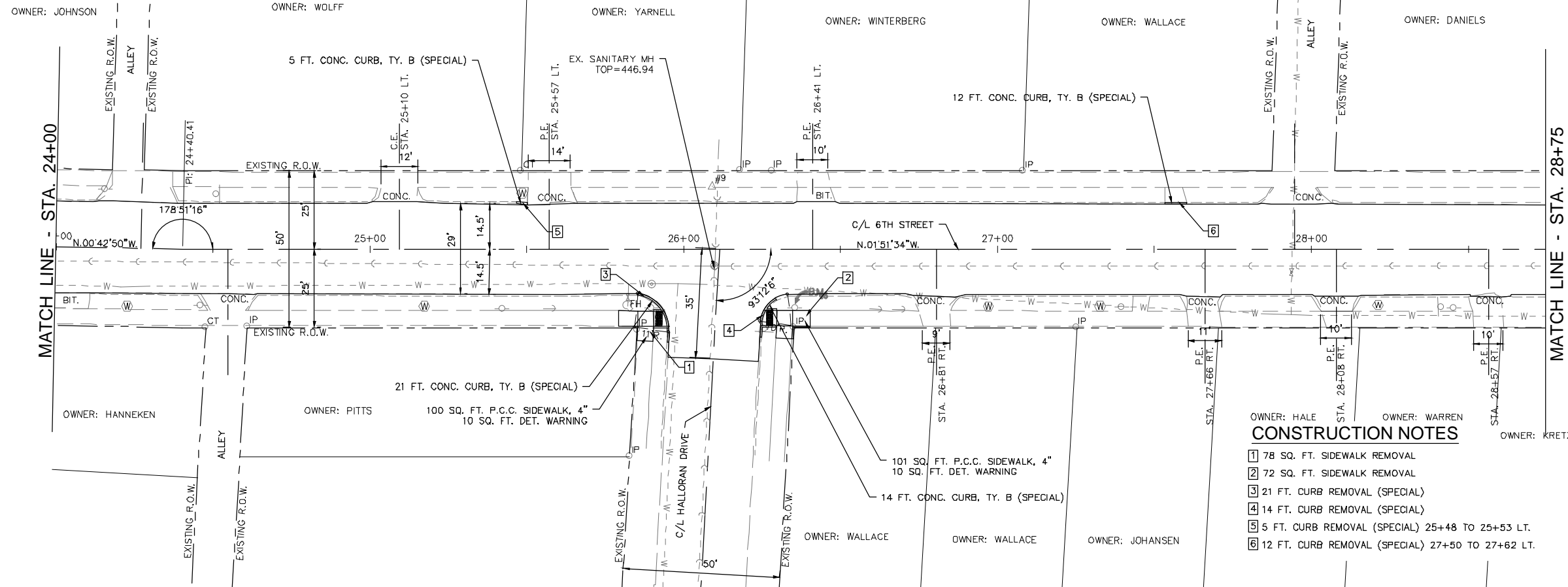
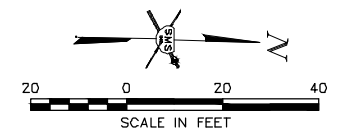
CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PLAN AND PROFILE

CONTRACT NO. 97715
 WR 6TH ST 2020 PP.DWG

REF. BK.	PG.
JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	

HORIZ: 1" = 20'
 SCALE: VERT: 1" = 5'

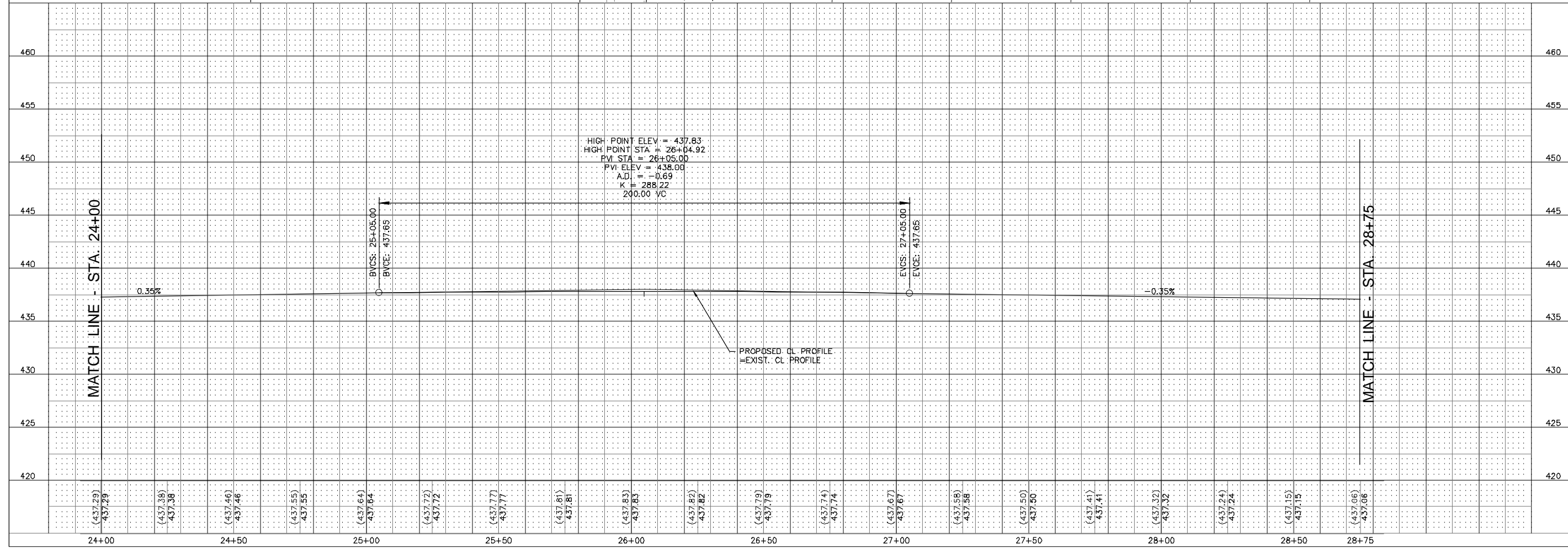
SHEET 8 OF 19



- CONSTRUCTION NOTES**
- 1 78 SQ. FT. SIDEWALK REMOVAL
 - 2 72 SQ. FT. SIDEWALK REMOVAL
 - 3 21 FT. CURB REMOVAL (SPECIAL)
 - 4 14 FT. CURB REMOVAL (SPECIAL)
 - 5 5 FT. CURB REMOVAL (SPECIAL) 25+48 TO 25+53 LT.
 - 6 12 FT. CURB REMOVAL (SPECIAL) 27+50 TO 27+62 LT.

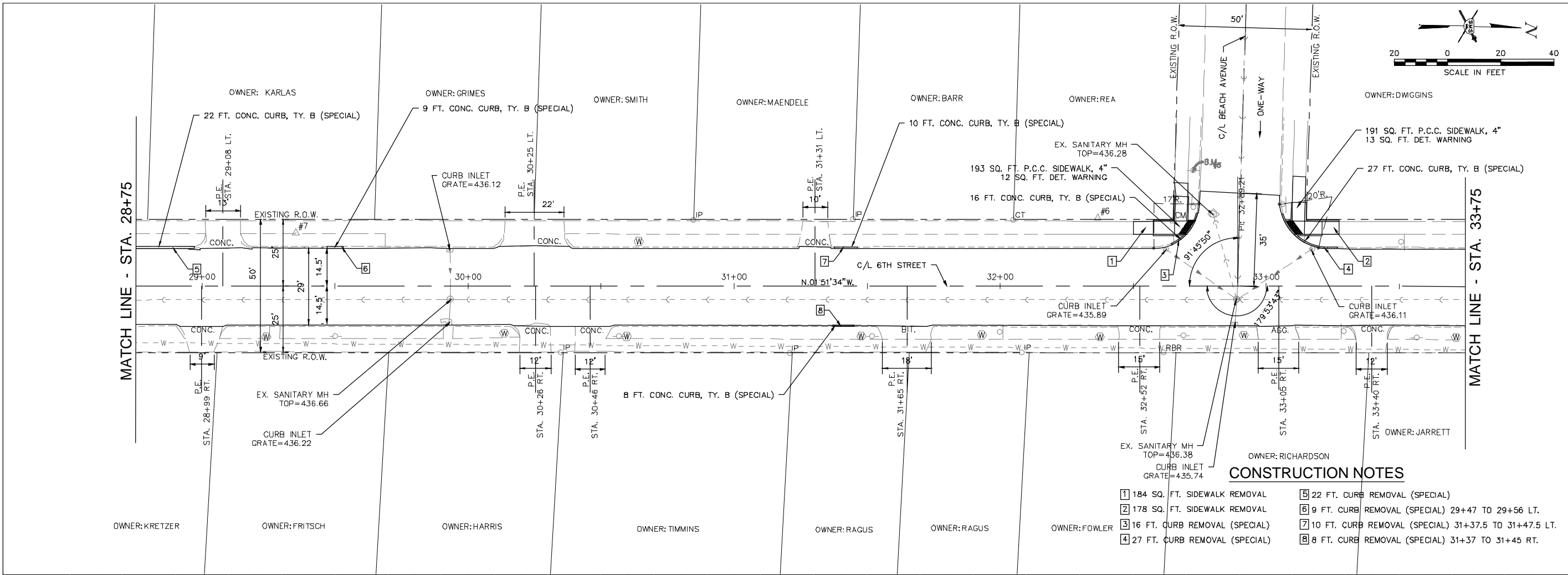
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 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 62002 618/622-3755 E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

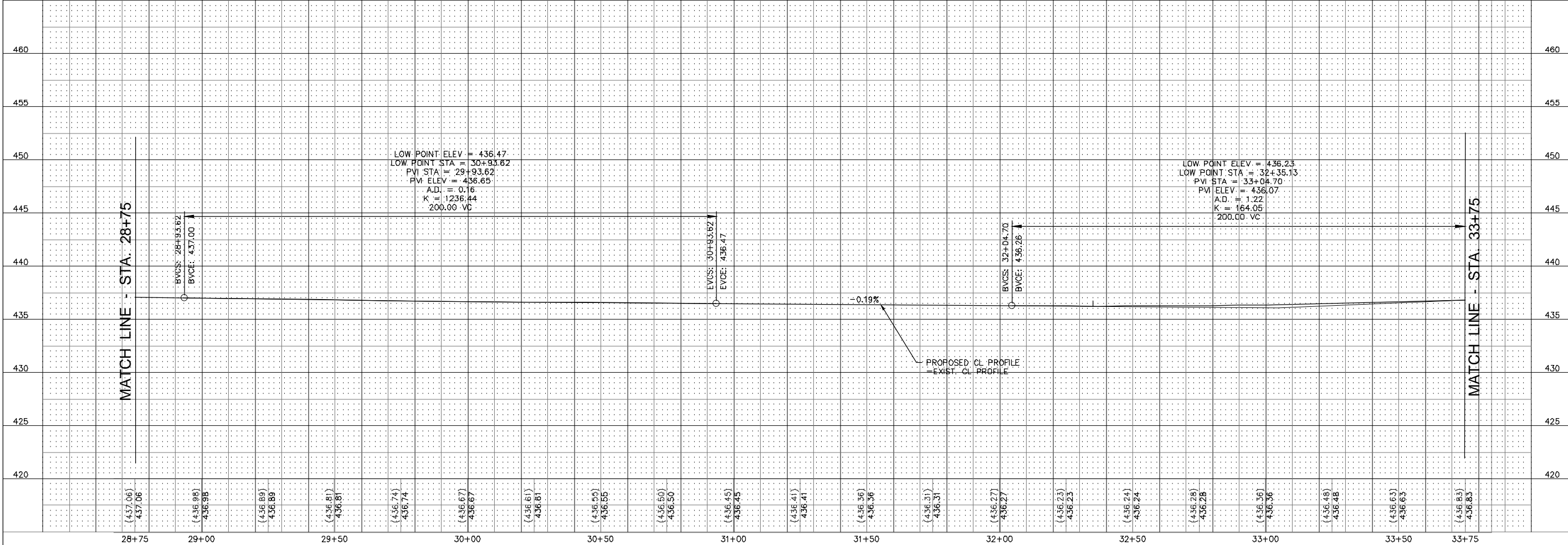


CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PLAN AND PROFILE

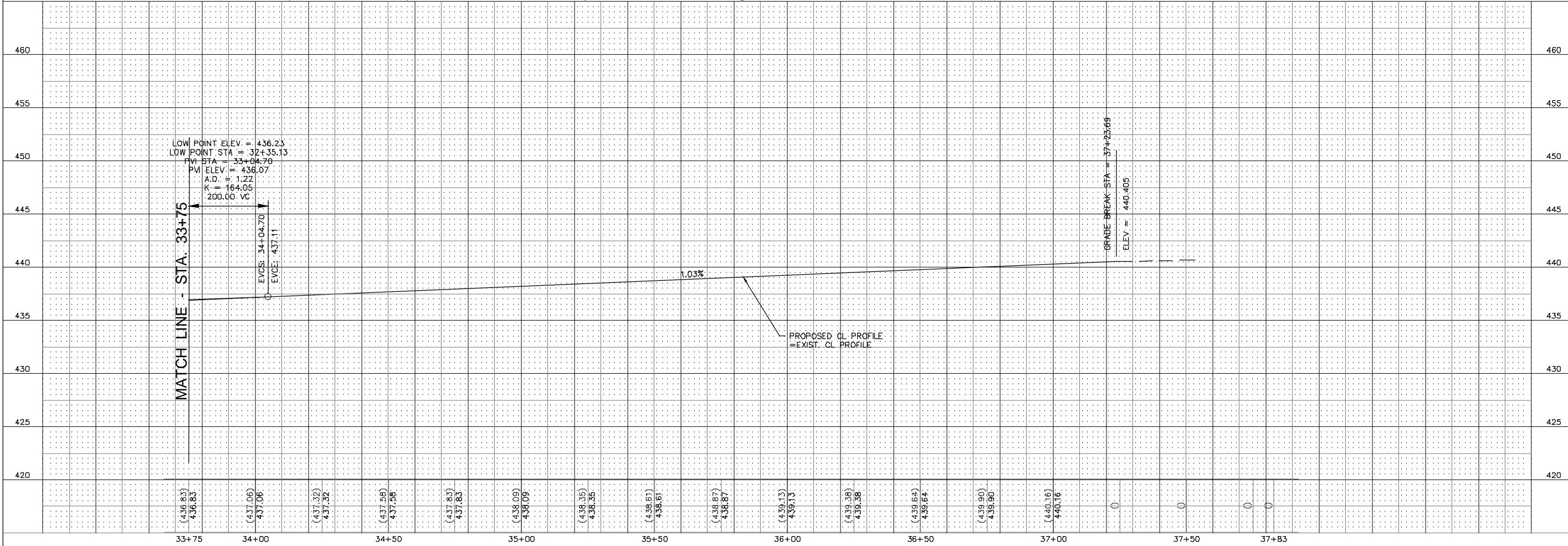
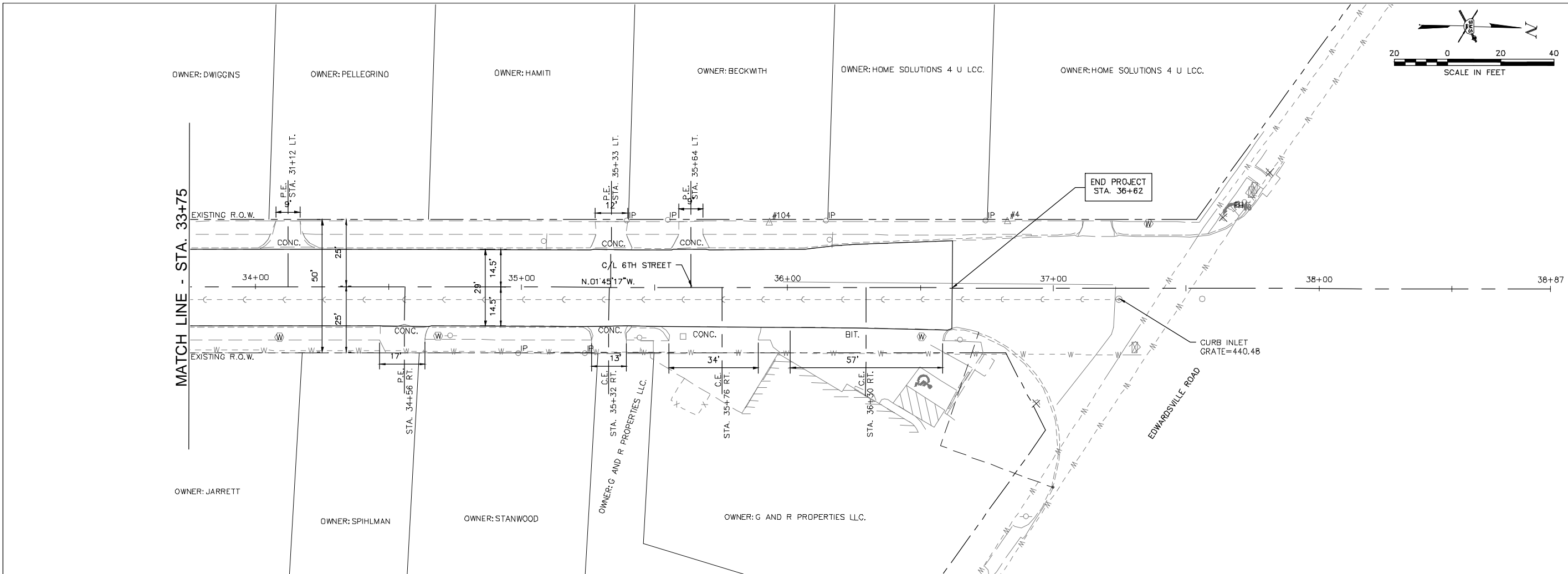
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420	WR 6TH ST 2020 PP.DWG
420	REF. BK. PG.
420	JOB NO. 489748.1
420	DSN. BY: DEG
420	DWN. BY: CDP
420	CHK. BY: DEG
420	DATE: JULY, 2019
420	HORIZ: 1" = 20'
420	SCALE: VERT: 1" = 5'
420	SHEET 9 OF 19



- CONSTRUCTION NOTES**
- 1 184 SQ. FT. SIDEWALK REMOVAL
 - 2 178 SQ. FT. SIDEWALK REMOVAL
 - 3 16 FT. CURB REMOVAL (SPECIAL)
 - 4 27 FT. CURB REMOVAL (SPECIAL)
 - 5 22 FT. CURB REMOVAL (SPECIAL)
 - 6 9 FT. CURB REMOVAL (SPECIAL) 29+47 TO 29+56 LT.
 - 7 10 FT. CURB REMOVAL (SPECIAL) 31+37.5 TO 31+47.5 LT.
 - 8 8 FT. CURB REMOVAL (SPECIAL) 31+37 TO 31+45 RT.



<p>REVISIONS</p>	<p>SMS Sheppard, Morgan & Schwab, Inc. CONSULTING ENGINEERS AND LAND SURVEYORS 215 Market Street, Alton, IL 62002 618/622-3755 Email: ms@smsengineers.com DESIGN FIRM # 184-000992</p>
<p>CITY OF WOOD RIVER, ILLINOIS SECTION 16-00051-01-RS 6TH STREET PLAN AND PROFILE</p>	
<p>CONTRACT NO. 97715 WR 6TH ST 2020 PP.DWG</p>	
<p>REF. BK. PG. JOB NO. 489748.1 DSN. BY: DEG DWN. BY: CDP CHK. BY: DEG DATE: JULY, 2019</p>	
<p>HORIZ: 1" = 20' SCALE: VERT: 1" = 5'</p>	
<p>SHEET 10 OF 19</p>	



REVISIONS

NO.	DATE	DESCRIPTION

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215 Market Street, Alton, IL 62002 618/822-3755 Email: ms@smsengineers.com
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CITY OF WOOD RIVER, ILLINOIS
SECTION 16-00051-01-RS
6TH STREET
PLAN AND PROFILE

CONTRACT NO. 97715
WR 6TH ST 2020 PP.DWG

REF. BK.	PG.
JOB NO. 489748.1	
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DATE: JULY, 2019	









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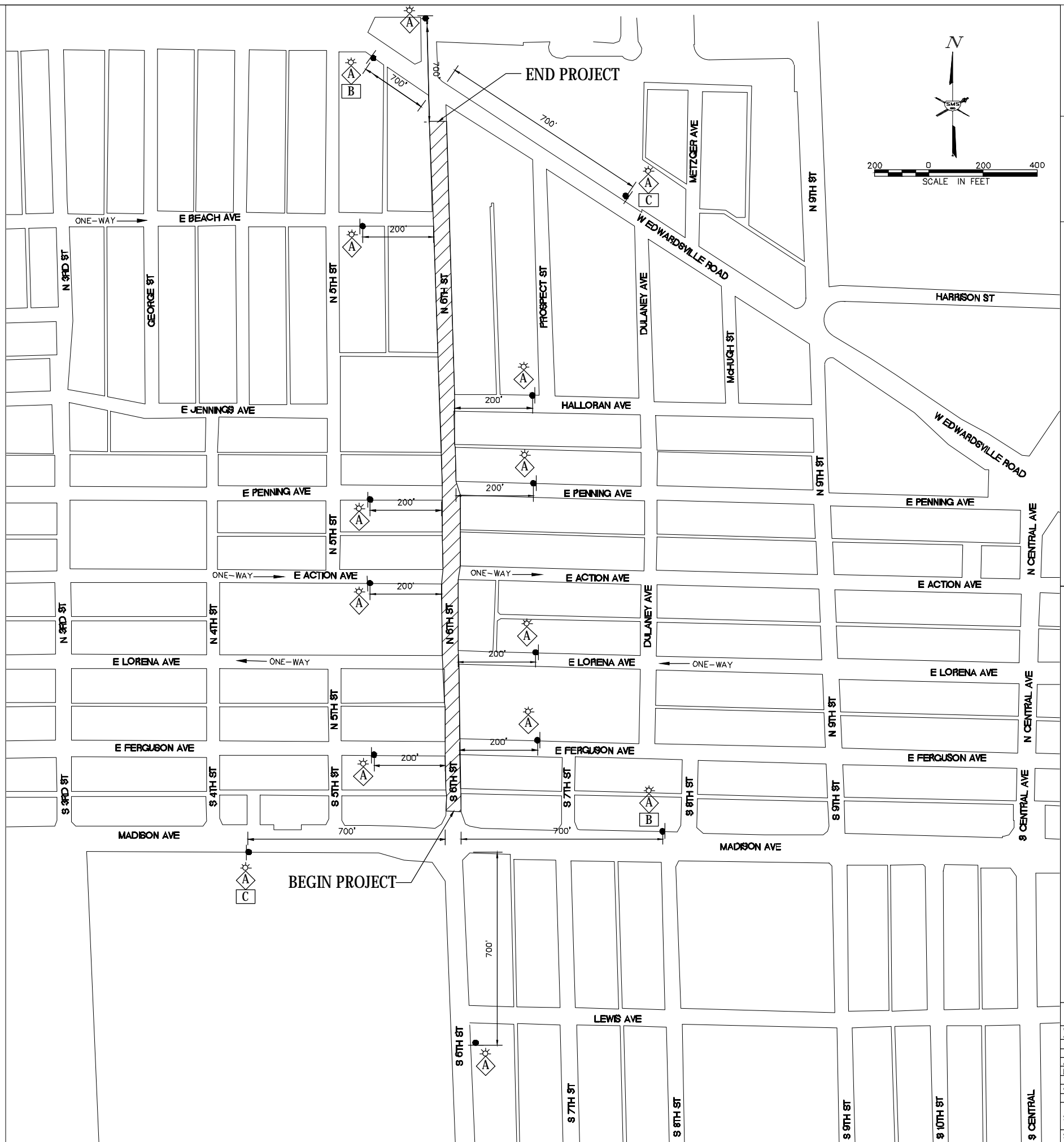
SHEET 11 OF 19

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006 AND 701011.
3. 6TH STREET SHALL REMAIN OPEN TO THRU TRAFFIC AT ALL TIMES. ONE TRAFFIC LANE AT A TIME WILL BE ALLOWED TO BE CLOSED AS NEEDED AS DESCRIBED BELOW.
 - A. FOR SPOT LOCATIONS THAT ARE LESS THAN 1 BLOCK LONG AND FOR 1 HOUR OR LESS, PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701301.
 - B. WHEN A LANE IS CLOSED - PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701501.
 - C. DURING PAVEMENT PATCHING OPERATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONES, DRUMS, OR BARRICADES TO PROTECT EACH PATCH AS DIRECTED BY THE ENGINEER.
4. SIDE STREETS MAY EITHER REMAIN OPEN TO TWO WAY TRAFFIC OR MAY BE CLOSED PROVIDING PROPER SIGNS AND BARRICADES PER HIGHWAY STANDARD 701501 WITH THE FOLLOWING ADDITIONAL REQUIREMENTS.
5.
 - A. TYPE III BARRICADES SHALL BE USED ON BOTH SIDES OF PAVEMENT PATCHES. THE MINIMUM NUMBER OF TYPE III BARRICADES USED ON EACH SIDE SHALL BE ONE PER TRAFFIC LANE
6. FOR SIDEWALK REMOVAL AND REPLACEMENT, TRAFFIC CONTROL FOR SIDEWALK CLOSURES SHALL BE PROVIDED PER HIGHWAY STANDARD 701801. SIDEWALK REMOVAL AND REPLACEMENT SHALL BE SEQUENCED AS MUCH AS POSSIBLE TO ALWAYS ALLOW AN ACCESSIBLE ROUTE TO PRIVATE PROPERTY AND BUSINESSES.
7. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
8. ALL HAZARDS WITHIN WORK ZONES OPEN TO TRAFFIC SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS IF LESS THAN 100' IN LENGTH. IF GREATER THAN 100' IN LENGTH, LIGHTS SHALL BE STEADY BURN.
9. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
10. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.
11. DURING CONSTRUCTION ALL OPEN EXCAVATIONS DUE TO PATCHING OPERATIONS SHALL BE FILLED WITH THE PATCHING MATERIAL BY THE END OF EACH WORK DAY. OPEN EXCAVATION OVERNIGHT WILL NOT BE ALLOWED.
12. IF THE NORTHBOUND LANE REQUIRES "NO PARKING" SIGNS BE PLACED PRIOR TO PATCHING, MILLING, OR HMA PAVING OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 2 DAYS IN ADVANCE OF THE NEED FOR "NO PARKING" SIGNS. THE WOOD RIVER PUBLIC SERVICES DEPT. WILL PLACE "NO PARKING" SIGNS AS NEEDED.

TRAFFIC CONTROL LEGEND

-  WORK AREA
-  TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
-  CONE, DRUM OR BARRICADE
-  SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
-  SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 
-  SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 



REVISIONS

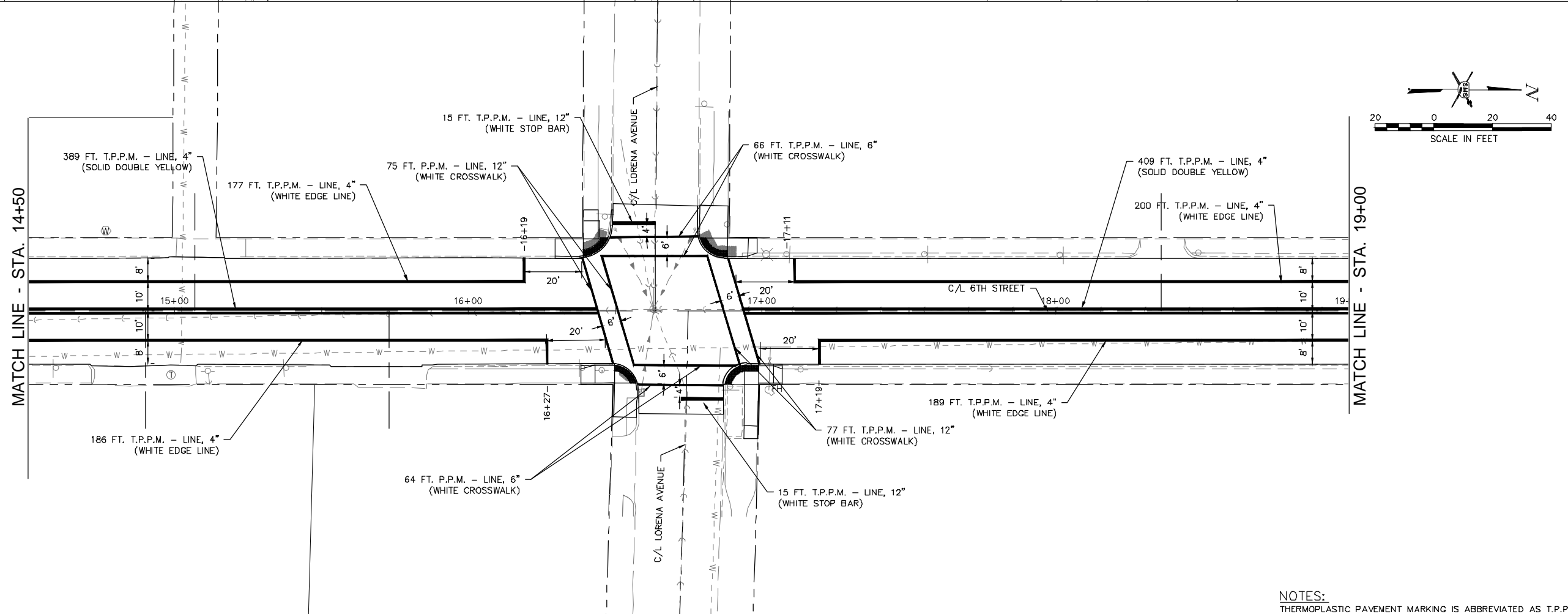
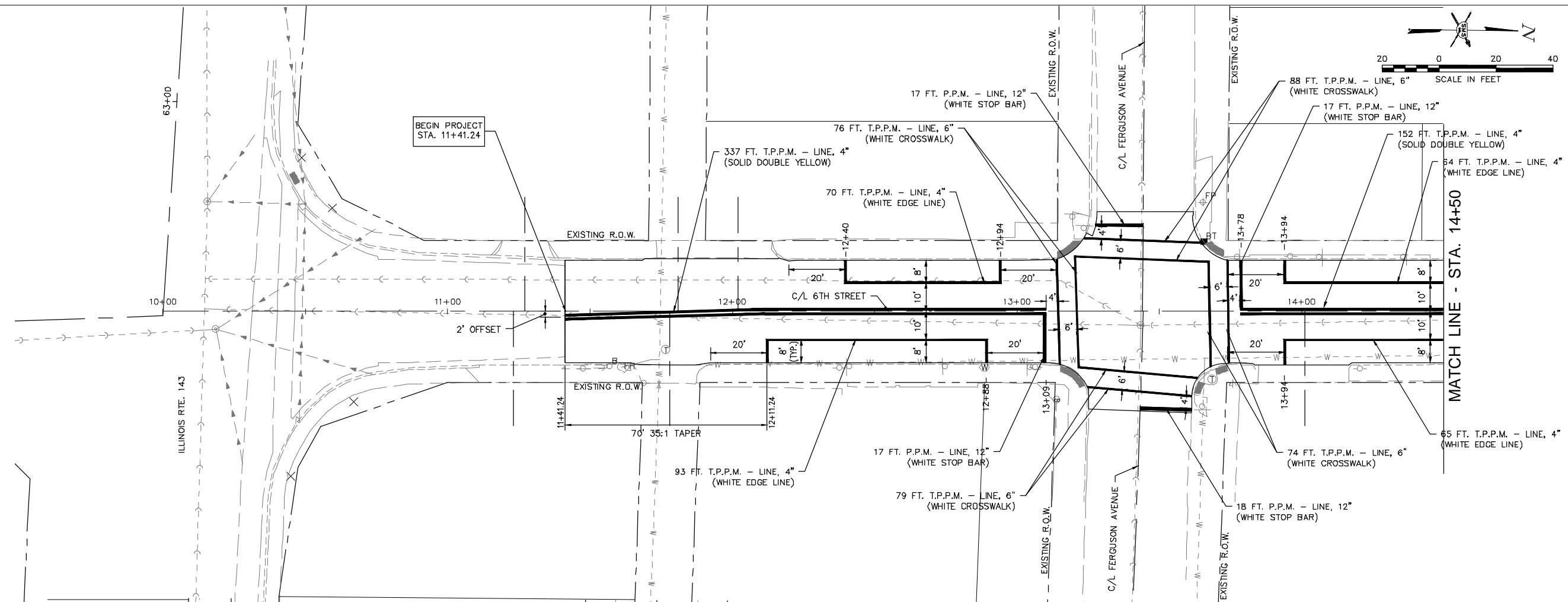
SMS Sheppard, Morgan & Schwaab, Inc.
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 215 Market Street, Alton, IL 62002 Phone: 618-462-9715 Email: mail@smsengineers.com
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CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 GENERAL TRAFFIC CONTROL PLAN

CONTRACT NO. 97715
 WR 6TH ST 2020 TRAFFIC CONTROL.DWG

REF. BK.	PG.
JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	
SCALE: NONE	
SHEET 12 OF 19	

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NO.	DATE	DESCRIPTION

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CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PAVEMENT MARKING PLAN

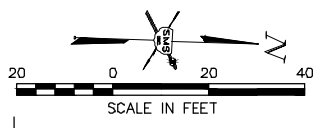
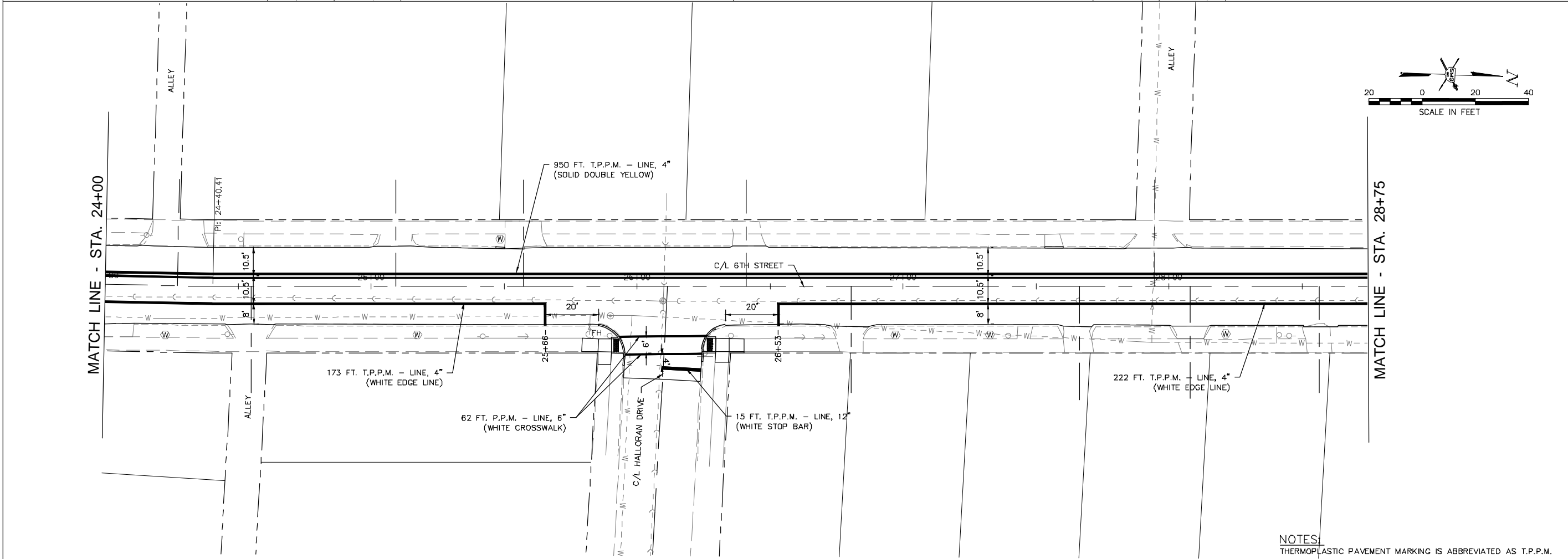
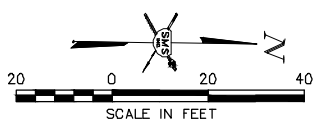
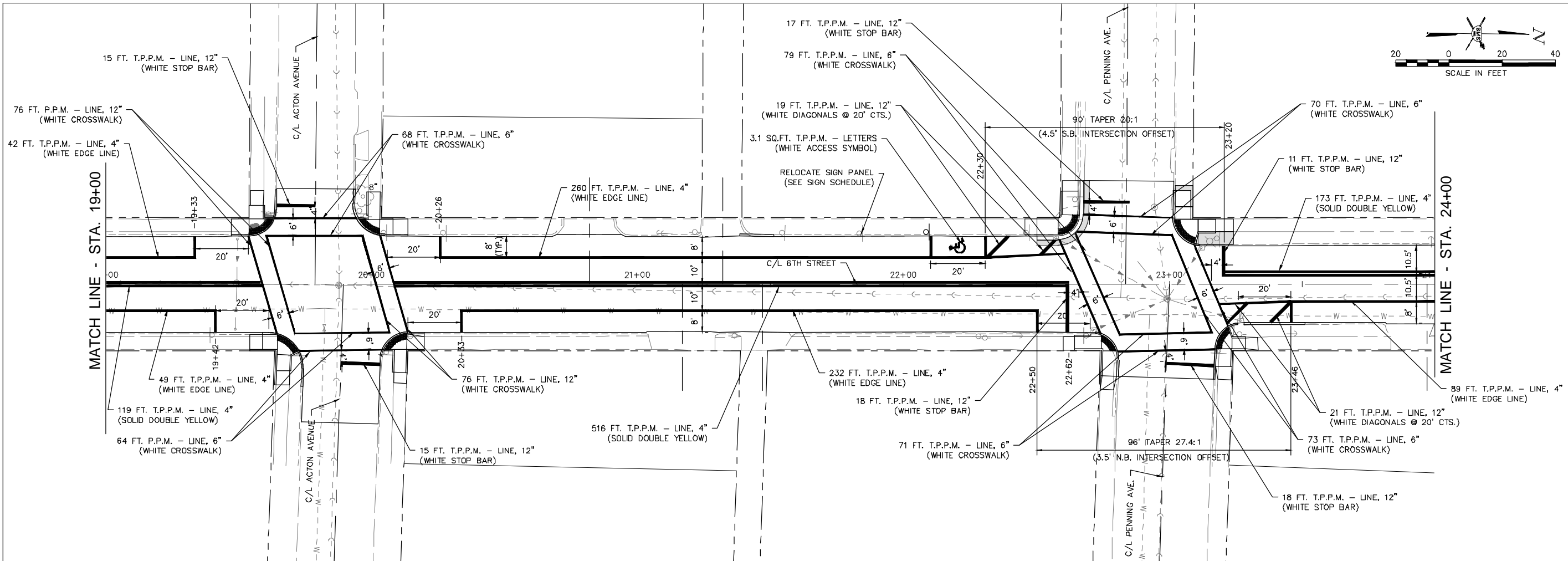
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DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	

SCALE: 1" = 20'
 SHEET 13 OF 19

NOTES:
 THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS T.P.P.M.

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NO.	DATE	DESCRIPTION

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 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PAVEMENT MARKING PLAN

CONTRACT NO. 97715
 WR 6TH ST 2020 PP.DWG

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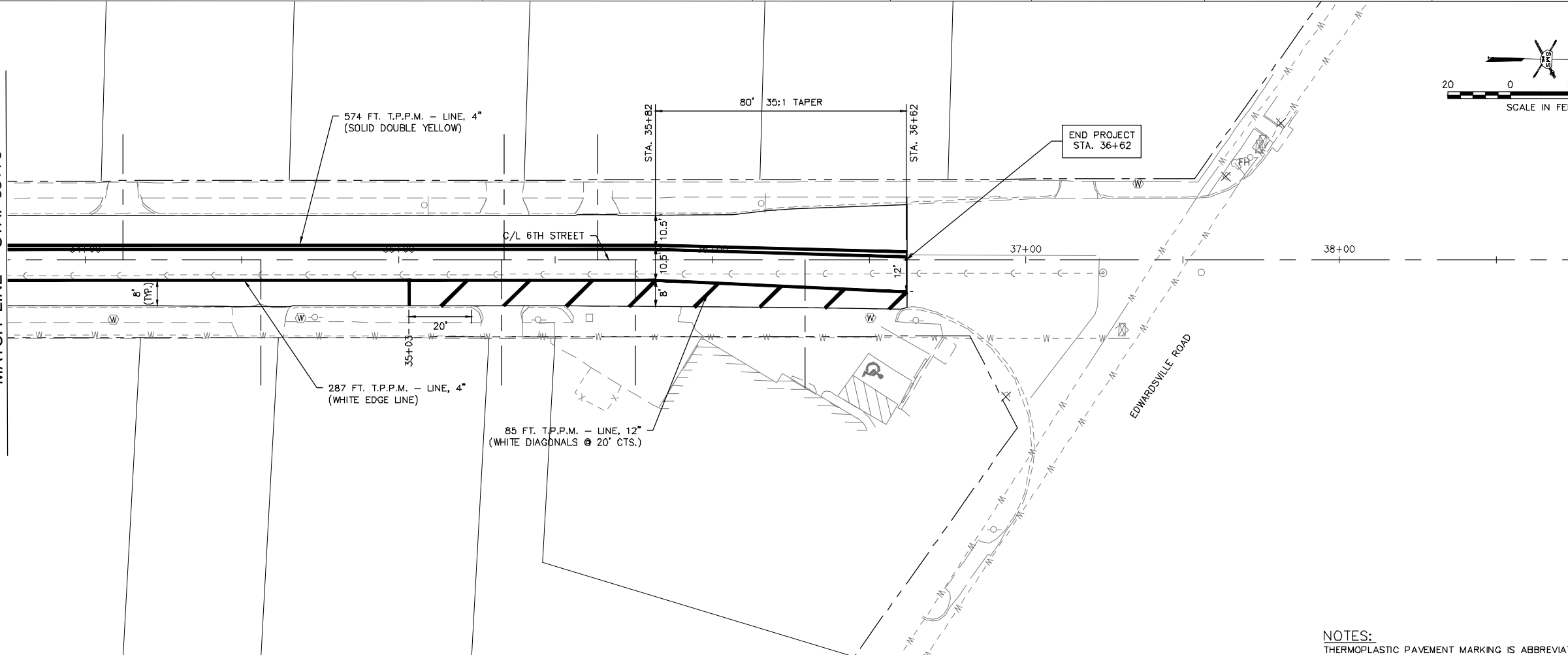
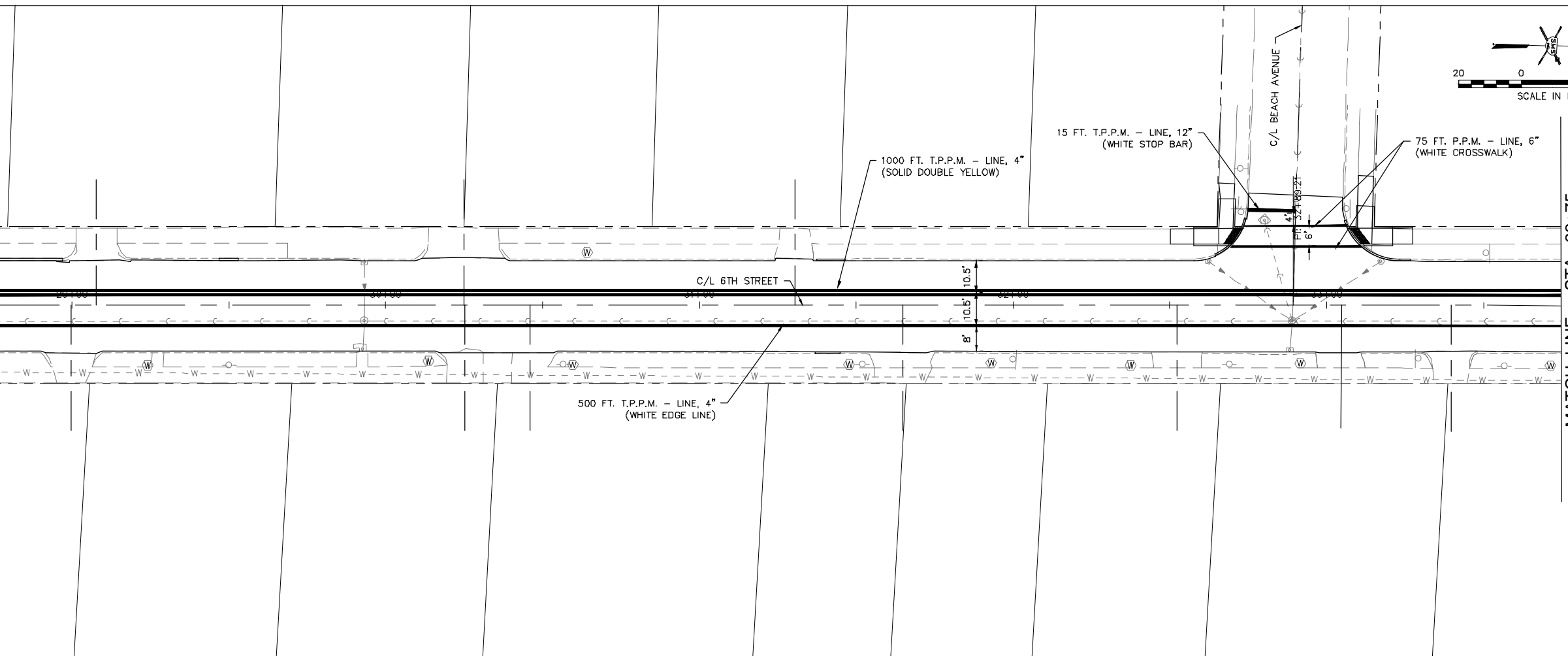
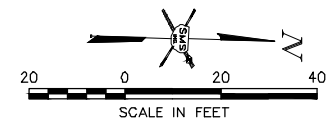
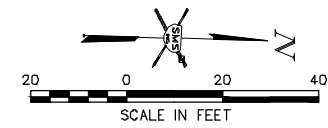
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 SHEET 14 OF 19

NOTES:
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MATCH LINE - STA. 28+75

MATCH LINE - STA. 33+75



NO.	DESCRIPTION

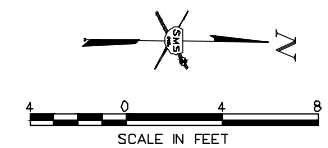
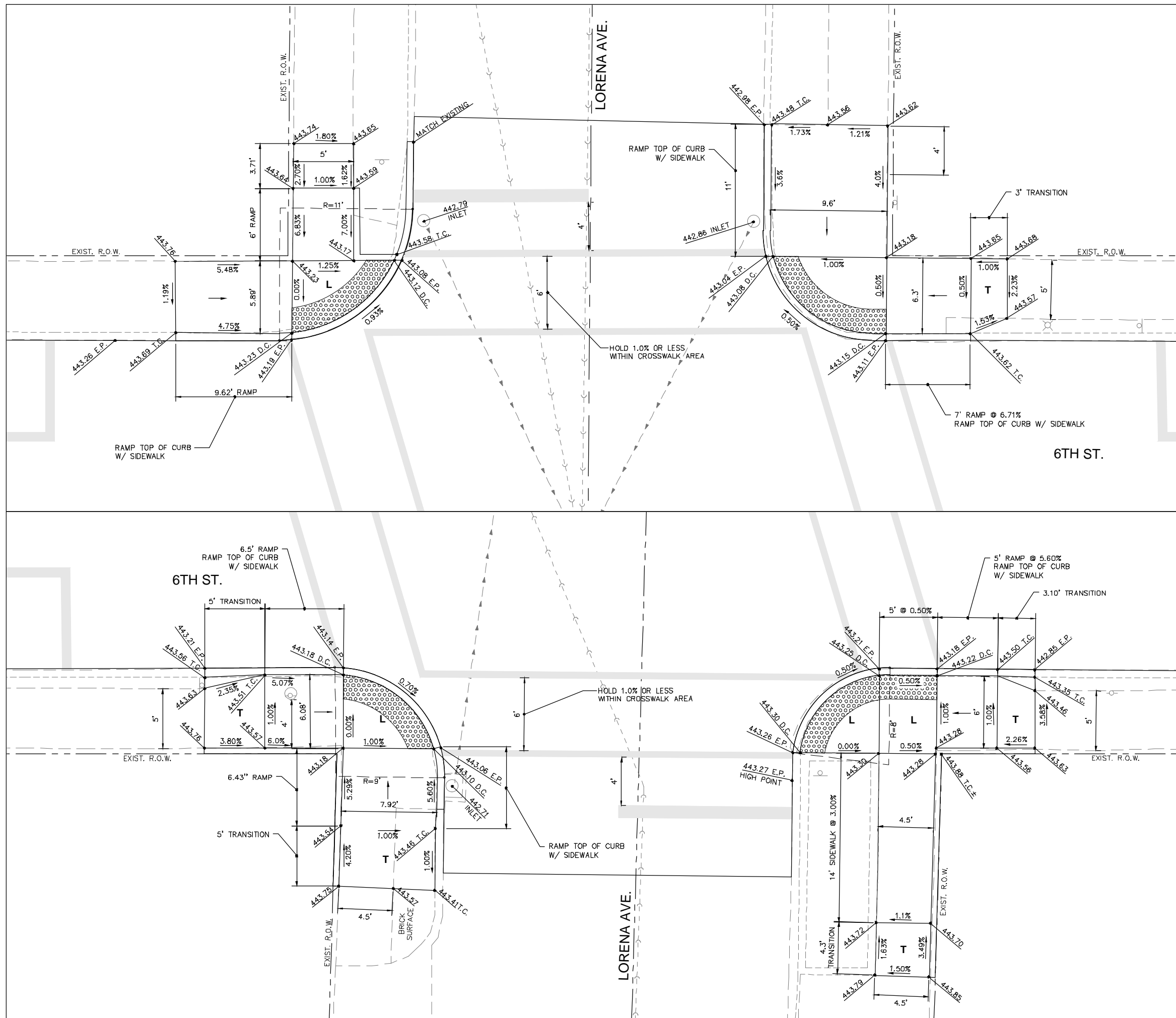
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CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 PAVEMENT MARKING PLAN

CONTRACT NO. 97715	
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JOB NO. 489748.1	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2019	
SCALE: 1" = 20'	
SHEET 15 OF 19	

NOTES:
THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS T.P.P.M.

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GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT. HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- L LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- T TRANSITION TO MEET EXISTING SIDEWALK

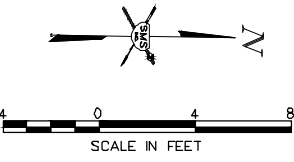
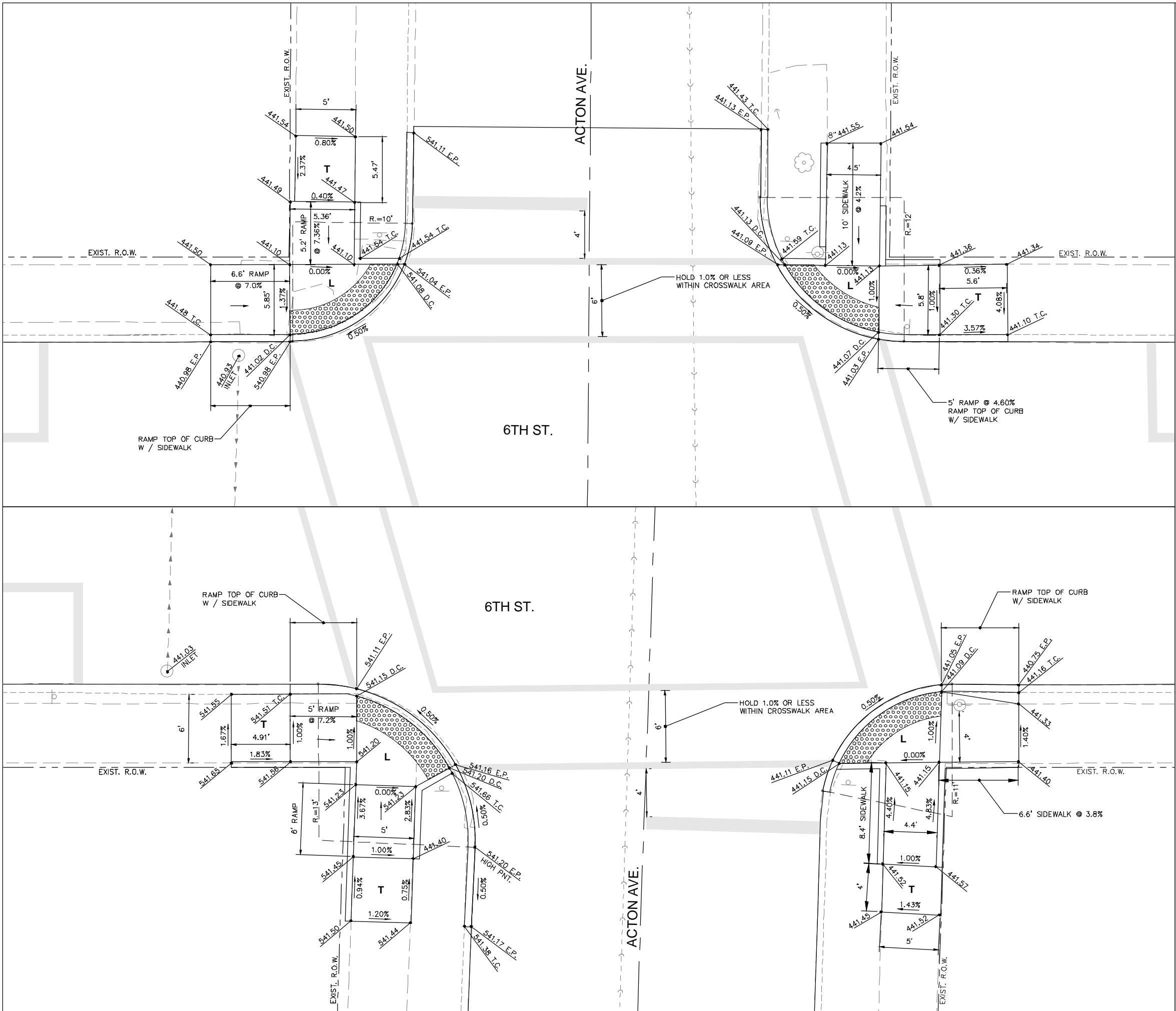
NO.	REVISIONS

SMS Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 62002 618/662-3755 E-mail: ms@sms-engineers.com
 DESIGN FIRM # 184-000992

CITY OF WOOD RIVER, ILLINOIS
 SECTION 16-00051-01-RS
 6TH STREET
 CONSTRUCTION DETAILS

CONTRACT NO. 97715
 WR 6TH ST 2020 INT DETAILS.DWG
 REF. BK. PG.
 JOB NO. 489748.1
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: FEB. 2018
 SCALE: 1" = 4'
 SHEET 16 OF 19

Q:\CIVIL_3D PROJECTS\WOOD RIVER P S (489748.1) 6TH ST 2020 STP\Production Drawings\WR 6TH ST 2020 INT DETAILS.dwg, 8/29/2019 8:10:21 AM, cpruitt, 1:2



GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT. HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

SIDEWALK LEGEND

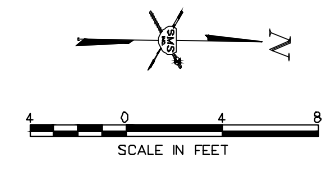
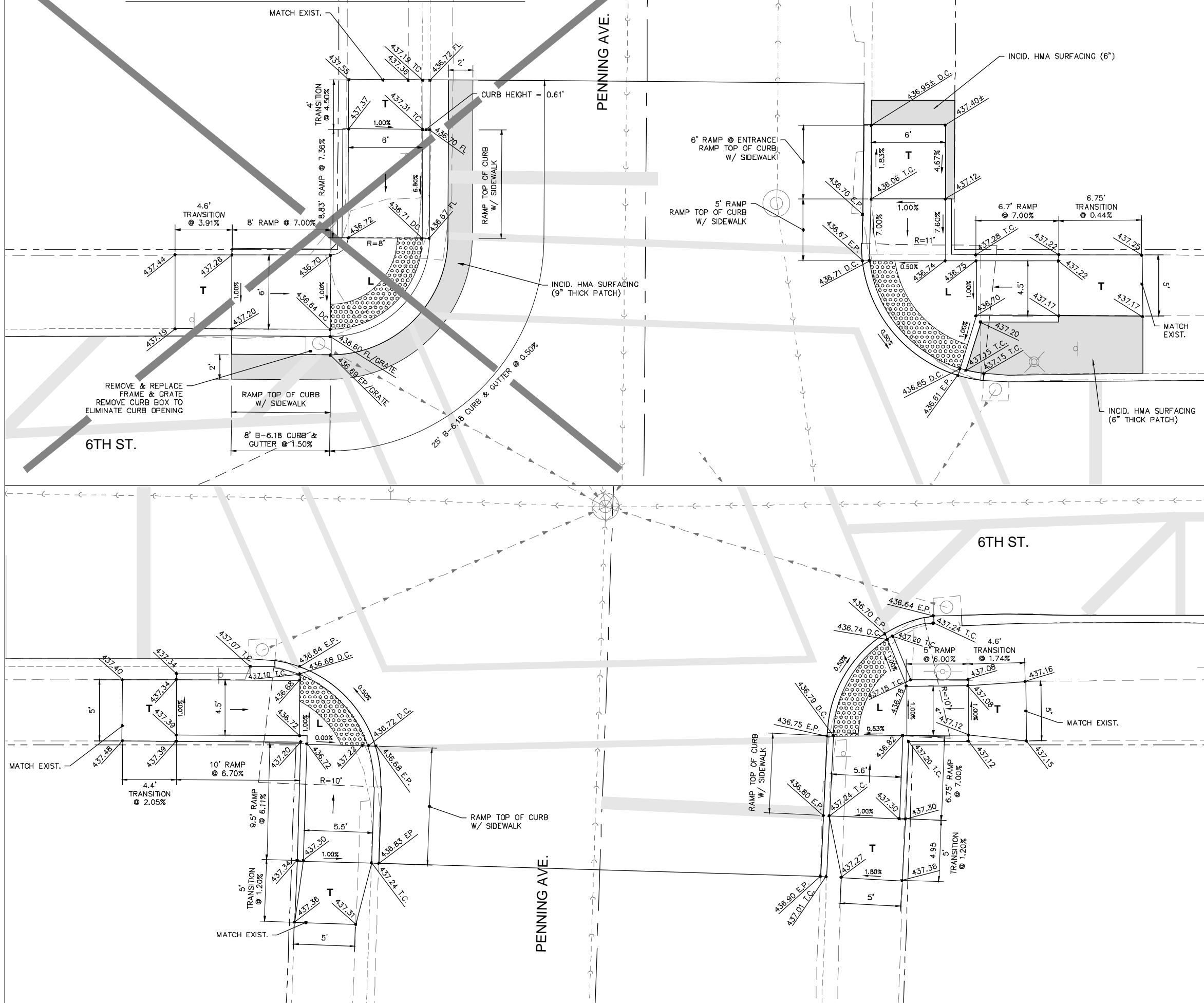
- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- L - LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- T - TRANSITION TO MEET EXISTING SIDEWALK

SMS ENGINEERS
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DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEB, 2018
SCALE:	1" = 4'
SHEET	17 OF 19

SIDEWALK WORK BY OTHERS



GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT. HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- L - LANDING - MIN. SIZE 4' x 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- T - TRANSITION TO MEET EXISTING SIDEWALK

NO.	DESCRIPTION

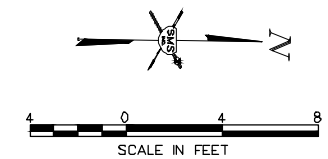
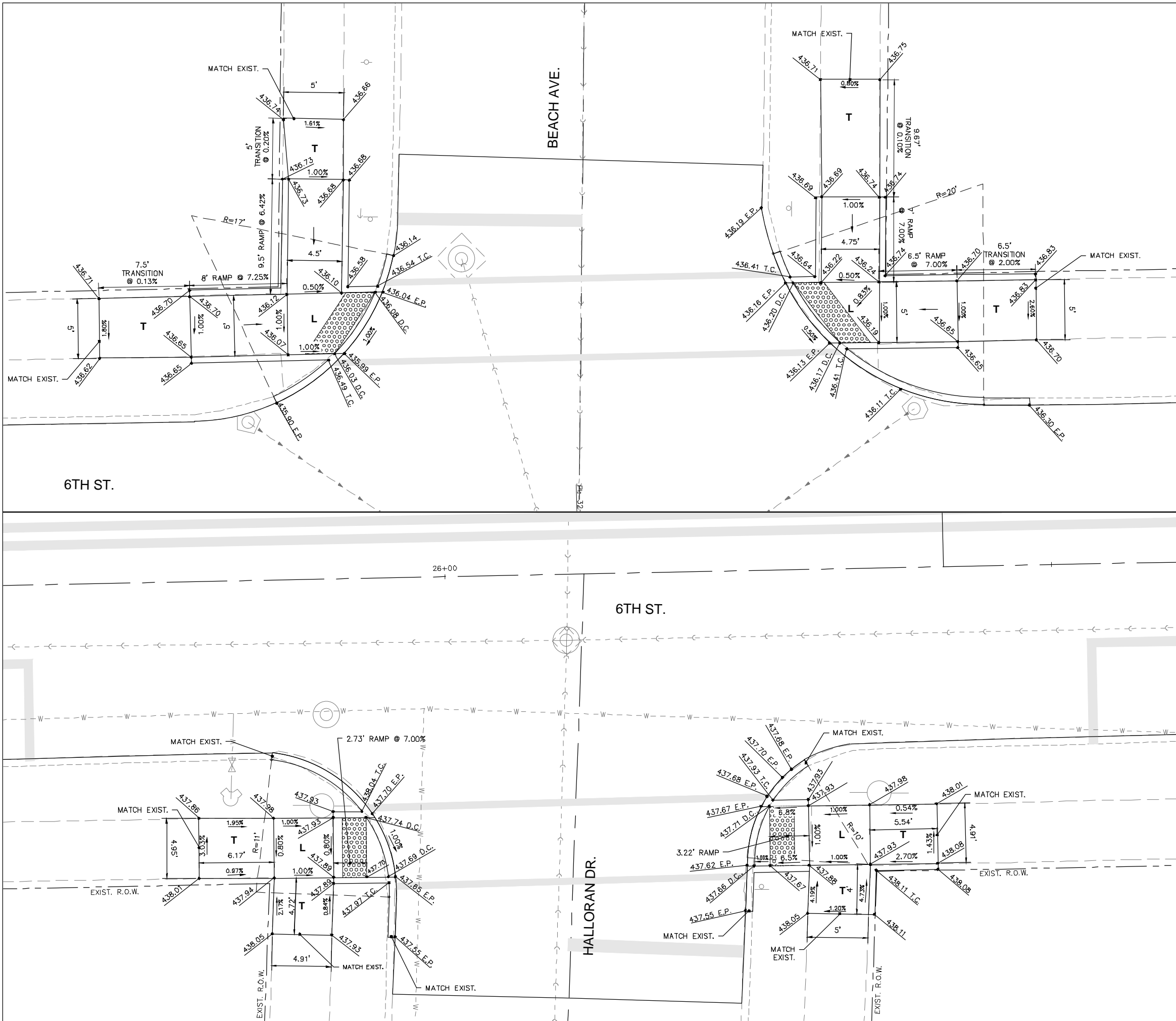
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CONSTRUCTION DETAILS

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REF. BK.	PG.
JOB NO.	489748.1
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2019
SCALE:	1" = 4'
SHEET	18 OF 19

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GENERAL NOTES

1. PROPOSED SIDEWALK PLANS SHOW THE DESIGN CONCEPT. HOWEVER THE SPOT ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE AS THE FINAL PAVEMENT AND CURB AND GUTTER MAY HAVE SOME VARIATION. THE CONTRACTOR SHALL CONSTRUCT THE SIDEWALK BY BEGINNING AT THE CURB AND WORKING UP THE RAMP IN ORDER TO ALLOW FOR ADJUSTMENTS IN ELEVATION AND LENGTHS IF NEEDED.

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- [Stippled] - DETECTABLE WARNING
- L - LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- T - TRANSITION TO MEET EXISTING SIDEWALK

NO.	REVISIONS

SMS
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SHEET 19	OF 19