

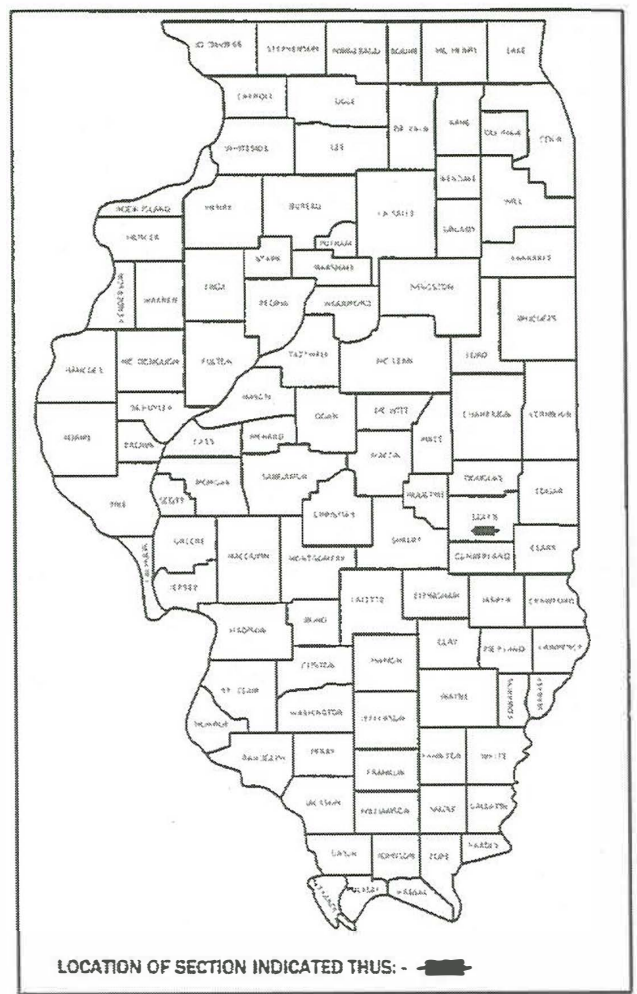
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7676	14-00266-03-PV	COLES	40	1
		ILLINOIS	CONTRACT NO. 95871	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS  
STU FUNDS**

**FAU 7676 (MARSHALL AVENUE)  
SECTION 14-00266-03-PV  
PROJECT RVKY(937)  
STREET REHABILITATION  
COLES COUNTY**

C-97-051-19



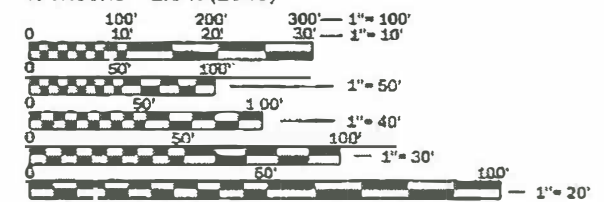
**INDEX OF SHEETS 03-06-2020 LETTING ITEM 163**

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- 24 DETAILS
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- 26-40 CROSS SECTIONS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-09 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 424001-11 PERPENDICULAR CURB RAMPS
- 602301-04 INLET TYPE A
- 602401-06 MANHOLE TYPE A
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS TYPE 1
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-02 OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' FROM EDGE OF PAVEMENT
- 701006-05 OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM EDGE OF PAVEMENT
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAIL
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS
- 780001-05 TYPICAL PAVEMENT MARKINGS

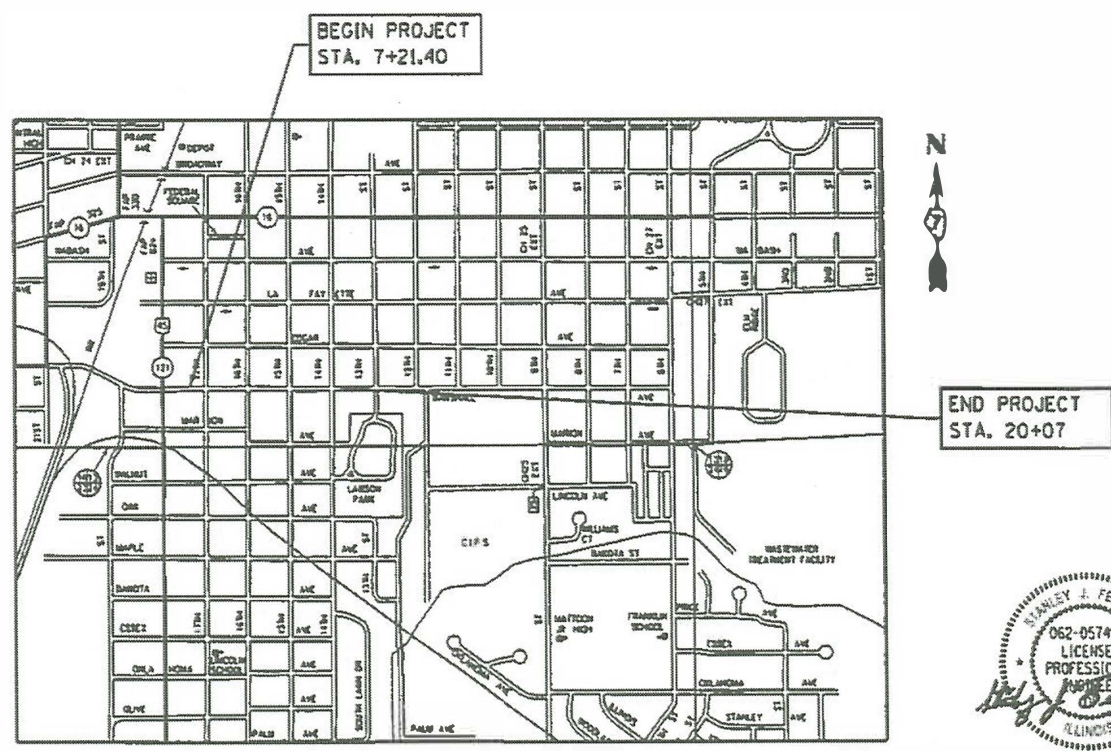
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
DESIGN ADT = 5700 (2020), 6900 (2040)  
DESIGN DHV = 599 (2020), 725 (2040)  
% TRUCKS = 2.5% (2040)



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

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

**PROJECT ENGINEER STAN FEARDAY  
PROJECT MANAGER SCOTT LACKEY  
CONTRACT NO. 95871**



GROSS LENGTH = 1285.6 FT. = 0.243 MILE  
NET LENGTH = 1285.6 FT. = 0.243 MILE



STAN J. FEARDAY  
LICENSE EXPIRES 11-30-2021  
THE UPCHURCH GROUP, INC.  
123 NORTH 15th STREET  
MATTOON, ILLINOIS 61938

12/12/2019  
DATE

APPROVED: [Signature]  
LOCAL AGENCY DIRECTOR OF PUBLIC WORKS

PASSED: 1-2-20 [Signature]  
DISTRICT SEVEN ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 1-2-20 [Signature]  
REGION FOUR ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

## GENERAL NOTES

1. WHENEVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED APRIL 1, 2016 AND AS AMENDED BY THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
2. ADJUSTMENTS AND RELOCATIONS OF WATERMANS AND WATER SERVICES SHALL BE DONE BY THE CITY OF MATTOON AND CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS 7<sup>TH</sup> EDITION.
3. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AS LISTED ON THE COVER SHEET.
4. UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES. LOCATION ACCURACY SHOULD BE CONSIDERED APPROXIMATE. THE CITY AND ITS ENGINEER ASSUME NO RESPONSIBILITY WHATSOEVER FOR THE ACCURACY OF THE LOCATIONS SHOWN OR FOR THE COMPLETENESS OF THE DEPICTED UTILITY INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT UTILITY LOCATIONS AND TO PROTECT THEM.
5. NOTIFY J.U.L.I.E. 1-800-892-0123 FOR FIELD LOCATES OF NON-CITY UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF THE ANTICIPATED START OF CONSTRUCTION OPERATIONS THAT WILL INVOLVE EXISTING OR RELOCATED UTILITY FACILITIES.
6. ANY HAUL ROUTES SELECTED BY THE CONTRACTOR WITHIN THE CITY LIMITS SHALL REQUIRE PRIOR APPROVAL BY THE CITY OF MATTOON ENGINEER.
7. DRIVEWAY CENTERLINES ARE PERPENDICULAR TO THE PROPOSED MARSHALL AVENUE UNLESS OTHERWISE SHOWN ON THE PLANS.
8. ABANDONED SEWERS AND OPENINGS CREATED IN DRAINAGE STRUCTURES BY THE REMOVAL OF SEWERS SHALL BE PLUGGED IN ACCORDANCE WITH ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.
9. EXISTING PAVEMENT, SIDEWALKS AND/OR COMBINATION CURB AND GUTTER WHICH ARE TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTIONS UNLESS EXISTING PAVING WAS TERMINATED IN A BULKHEAD CONSTRUCTION JOINT. JOINTS BETWEEN EXISTING AND PROPOSED PAVEMENT (OR CURB AND GUTTER) SHALL BE OF THE SAME TYPE AS EQUIVALENT JOINTS IN THE PROPOSED PAVEMENT (OR CURB AND GUTTER). DRILLING AND GROUTING TIE BARS OR DOWEL BARS INTO EXISTING PAVEMENT (OR CURB AND GUTTER) SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEM FOR THE ADJACENT PROPOSED PAVING WORK.
10. ALL PAVEMENT STUBS SHALL BE A MINIMUM OF ONE FOOT IN WIDTH UNLESS SPECIFICALLY DIMENSIONED OTHERWISE. WHERE PCC CONCRETE PAVEMENT IS LESS THAN THE REQUIRED STUB WIDTH, IT SHALL BE POURED MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER.

## EARTHWORK SCHEDULE

1 LOCATION	2 EARTH EXCAVATION	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	4 EMBANKMENT	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
	CU YD	CU YD	CU YD	CU YD	
STA 7+20.40 TO STA 7+76.87	51	38	8	+30	
STA 7+76.87 TO STA 11+58.70	356	267	31	+236	
STA 11+58.70 TO STA 15+36.91	366	275	22	+253	
STA 15+36.91 TO STA 19+28.99	210	157	51	+106	
STA 19+28.99 TO STA 20+07.00	71	53	7	+46	
ENTRANCES	117	88	0	+88	
<b>TOTAL</b>	<b>1171</b>	<b>878</b>	<b>119</b>	<b>+759</b>	

COLUMN 1, 2, & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS  
 CUT = EARTH EXCAVATION      FILL = EMBANKMENT  
 COLUMN 3 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%  
 COLUMN 5 - EARTHWORK BALANCE (-) = QUANTITY OF FURNISHED EXCAVATION NEEDED FOR EARTHWORK BALANCE  
 (+) = QUANTITY OF EARTH EXCAVATION ADJUSTED FOR SHRINKAGE TO BE WASTED

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1171
25000100	SEEDING, CLASS 1	ACRE	0.76
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68
25100115	MULCH, METHOD 2	ACRE	0.76
28000500	INLET AND PIPE PROTECTION	EACH	36
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	2759
42000060	WELDED WIRE REINFORCEMENT	SQ YD	5263
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	310
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	823
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10294
42400800	DETECTABLE WARNINGS	SQ FT	352
44000100	PAVEMENT REMOVAL	SQ YD	5586

\* SPECIAL PROVISIONS

△ SPECIALTY ITEMS

FILE NAME :	USER NAME : S1637	DESIGNED - EAC	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 154-002-041</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>SUMMARY OF QUANTITIES</b>	TOTAL SHEETS	SHEET NO.
P:\Civ\11_Mattoon\Marshall Ave Phase 3.3\B184\CAO Sheets\Marshall-PH3-sht-500.dgn	DRAWN - TLW	REVISED -	40				3	
PLOT SCALE : 2.0000 ' / in.	CHECKED - SAL	REVISED -						
PLOT DATE : 12/13/2019	DATE - OCT. 2019	REVISED -						
				SCALE: 2.0000 ' / in.	PROJECT: 3118104			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	314
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2928
44000600	SIDEWALK REMOVAL	SQ FT	10884
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	713
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	574
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	180
550B0110	STORM SEWERS, CLASS B, TYPE 1 21"	FOOT	495
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12
60255500	MANHOLES TO BE ADJUSTED	EACH	5
60500040	REMOVING MANHOLES	EACH	1
60500060	REMOVING INLETS	EACH	8
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	2871
* 61139800	STORM SEWERS (SPECIAL), 4"	FOOT	33
67100100	MOBILIZATION	L SUM	1

\* SPECIAL PROVISIONS

△ SPECIALTY ITEMS

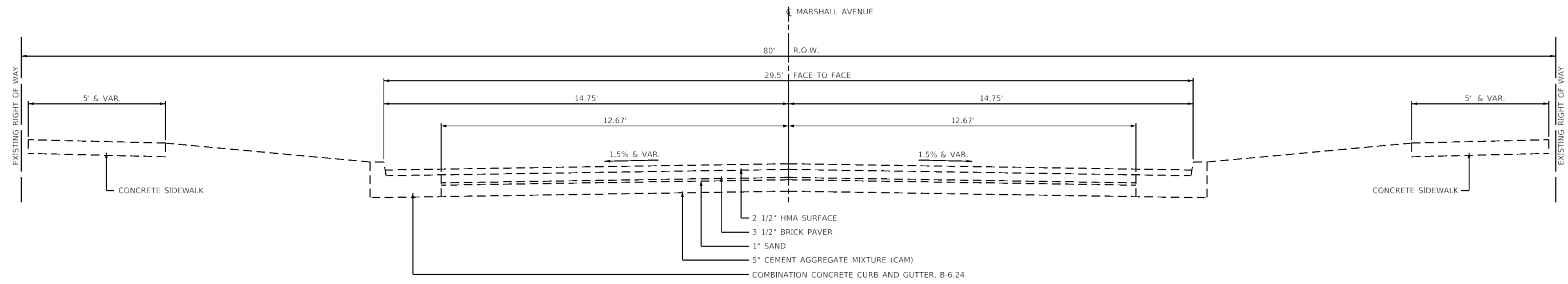
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	PLOT SCALE = 2,0000 ' / in.	CHECKED - SAL			SCALE: 2,0000 ' / in.	PROJECT: 3118104		40	4
	PLOT DATE = 12/13/2019	DATE - OCT. 2019							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Δ 72800100	TELESCOPING SIGN SUPPORT	FOOT	126
Δ 72900100	METAL POST, TYPE A	FOOT	132
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1140
Δ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	705
Δ 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	350
* X2080250	TRENCH BACKFILL, SPECIAL	CU YD	452
* X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SQ YD	5263
* X5510100	STORM SEWER REMOVAL	FOOT	219
* X6023212	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE, SPECIAL	EACH	1
* X6023502	INLETS, TYPE A, WITH SALVAGED FRAME AND LID	EACH	1
* X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	34
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Δ Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	18

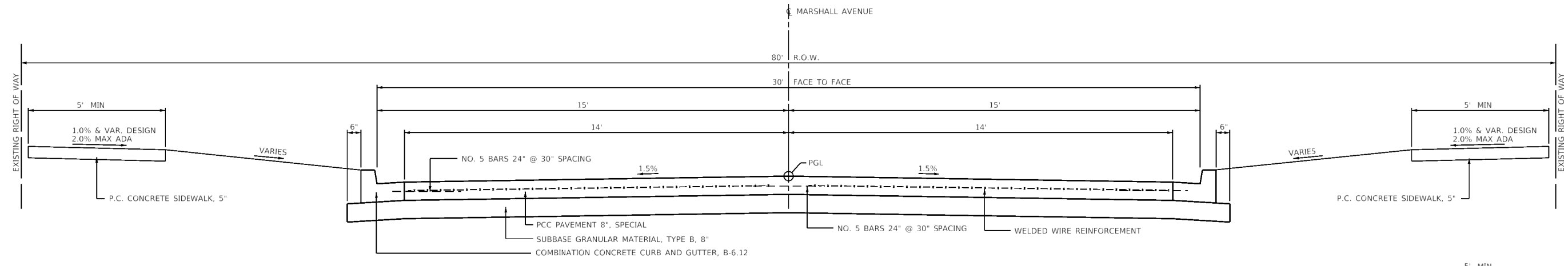
\* SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

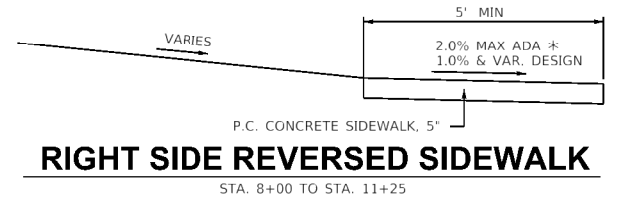
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	PLOT DATE = 12/13/2019								



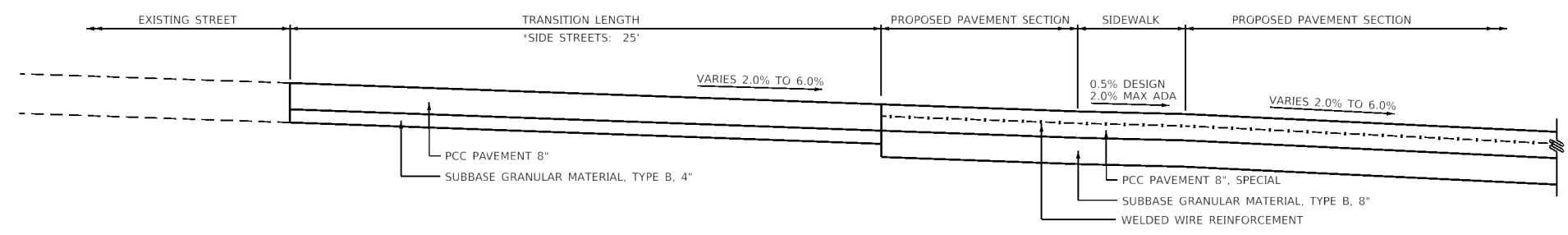
**EXISTING TYPICAL SECTION - MARSHALL AVENUE**  
STA. 7+21.40 TO STA. 20+07



**PROPOSED TYPICAL SECTION - MARSHALL AVENUE**  
STA. 7+21.40 TO STA. 20+07



**RIGHT SIDE REVERSED SIDEWALK**  
STA. 8+00 TO STA. 11+25



**PROPOSED TYPICAL PERMANENT AND TEMPORARY TRANSITION SECTION**  
**14TH, 15TH, 16TH, AND 17TH STREETS**  
\*14TH AND 16TH,  
15TH STREET TRANSITION SHORTER DUE TO HISTORICAL BRICK PAVEMENT  
NO TRANSITION ON 17TH STREET

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>TYPICAL SECTIONS</b>	TOTAL SHEETS	SHEET NO.
P:\Civ\1\Mattoon\Marshall Ave Phase 3\8104\CAD Sheets\Marshall-PH3-sh-typical.dgn	Sto37	EAC	-				40	6
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2.0000' / in.		TLW	-				2.0000' / in.	3118104
PLOT DATE :		CHECKED :	-					
12/13/2019		SAL	-					
		DATE :	-					
		OCT. 2019	-					

STATION	TO	STATION	OFFSET	44000600	
				SIDEWALK REMOVAL	SQ.FT
07+31.85		07+55.82	LT		284.7
07+97.98		08+20.78	LT		208.9
08+96.95		09+79.61	LT		468.0
09+32.33		09+39.85	LT		31.0
10+56.76		10+78.76	LT		86.0
11+13.55		11+43.47	LT		235.8
11+74.33		12+00.75	LT		230.1
13+19.46		14+00.74	LT		406.6
13+65.37		13+79.79	LT		67.7
14+11.88		14+23.93	LT		53.5
14+45.33		14+58.68	LT		62.2
14+91.21		15+21.43	LT		229.9
15+52.48		15+81.38	LT		224.2
15+81.38		18+79.95	LT		1228.8
18+79.95		19+06.75	LT		176.6
19+44.20		19+80.93	LT		268.8
<b>TOTALS</b>					
					<b>10,884.1</b>

STATION	OFFSET	TO	STATION	OFFSET	44000500	
					COMBINATION CURB AND GUTTER REMOVAL	FOOT
<b>MARSHALL AVE</b>						
07+21.40	15.2' LT		07+56.60	45.5' LT	55.3	
07+21.40	15.3' RT		07+57.10	45.0' RT	54.9	
07+96.70	45.0' RT		11+44.20	69.9' RT	417.1	
07+97.00	45.5' LT		11+44.00	70.1' LT	424.8	
11+73.10	70.0' LT		15+22.30	38.9' LT	421.4	
11+73.30	70.1' RT		15+21.90	40.0' RT	418.6	
15+51.10	38.9' RT		19+19.20	95.1' RT	457.8	
15+51.60	70.0' LT		19+14.40	79.9' LT	427.9	
19+43.80	80.0' LT		20+07.00	14.8' LT	120.2	
19+48.60	94.9' RT		20+07.00	14.8' RT	130.1	
<b>TOTALS</b>					<b>2,928.1</b>	

STATION	OFFSET	TO	STATION	OFFSET	PIPE DIAMETER (INCH)	X5510100		X2080250	
						STORM SEWER REMOVAL	FOOT	TRENCH BACKFILL SPECIAL	CY YD
<b>MARSHALL AVE</b>									
7+58.53	14.0' LT		7+50.13	22.56' LT	4	12.0		0.3	
7+50.13	22.56' LT		7+97.27	22.38' LT	8	47.2		1.5	
7+97.27	22.38' LT		8+01.81	21.38' LT	8	4.7		0.2	
11+44.13	20.99' LT		11+51.02	0.06' RT	8	22.2		2.9	
11+73.35	21.08' RT		11+67.11	0.05' RT	8	22.2		2.5	
15+14.29	16.93' LT		15+37.69	0.34' RT	8	28.7		1.7	
15+14.91	16.70' RT		15+37.69	0.34' RT	8	28.5		1.5	
15+58.78	14.49' RT		15+37.69	0.34' RT	8	25.8		0.8	
15+59.33	16.74' LT		15+37.69	0.34' RT	8	27.2		1.8	
<b>TOTALS</b>						<b>218.3</b>		<b>13.2</b>	

SEE STORM SEWER SCHEDULE ON SHEET 14 FOR ADDITIONAL TRENCH BACKFILL, SPECIAL QUANTITY

STATION	OFFSET	TO	STATION	OFFSET	60603800		
					CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	
<b>MARSHALL AVE</b>							
07+21.40	14.00' LT		07+57.91	45.50' LT	54.7		
07+95.91	45.50' LT		11+44.99	70.00' LT	409.7		
11+72.11	70.00' LT		15+24.08	70.00' LT	410.9		
15+49.70	70.00' LT		19+15.44	80.00' LT	426.2		
19+42.79	80.00' LT		20+07.00	14.00' LT	116.6		
<b>TOTALS</b>						<b>2,871.1</b>	

STATION	LT/RT	44000200		
		DRIVEWAY PAVEMENT REMOVAL	SQ YD	
<b>MARSHALL AVE</b>				
08+74.88	RT		5.2	
09+11.10	LT		20.7	
09+24.75	RT		20.4	
09+67.11	LT		33.9	
10+67.76	LT		26.1	
13+32.46	LT		5.4	
13+33.79	RT		3.5	
13+89.75	LT		21.8	
13+91.11	RT		9.1	
16+36.16	RT		25.6	
16+71.83	LT		23.7	
16+87.74	RT		17.7	
17+77.95	LT		43.7	
17+83.68	RT		39.4	
18+39.15	LT		18.2	
<b>TOTALS</b>				<b>314.4</b>

STATION TO STATION	LT / RT	44000100		
		PAVEMENT REMOVAL	SQ YD	
<b>MARSHALL AVE</b>				
07+21.40	20+07.00		4149.6	
<b>17TH STREET</b>				
NORTH	LT		168.8	
SOUTH	RT		159.1	
<b>16TH STREET</b>				
NORTH	LT		183.9	
SOUTH	RT		182.7	
<b>15TH STREET</b>				
NORTH	LT		81.4	
SOUTH	RT		89.5	
<b>14TH STREET</b>				
NORTH	LT		290.8	
SOUTH	RT		279.7	
<b>TOTALS</b>				<b>5,585.5</b>

STATION	OFFSET	LT / RT	60500040		60500060	
			REMOVING MANHOLES	EACH	REMOVING INLETS	EACH
<b>MARSHALL AVE</b>						
7+50	22.6'	LT			1	
7+97	22.4'	LT	1			
8+02	21.4'	LT			1	
11+44	21.0'	LT			1	
11+73	21.0'	LT			1	
15+14	16.9'	RT			1	
15+15	16.7'	LT			1	
15+59	14.5'	LT			1	
15+59	16.7'	RT			1	
<b>TOTALS</b>			<b>1</b>		<b>8</b>	

STATION	TO	STATION	OFFSET	25000100	25000400	25000500	25000600	25100115					
				SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2					
				ACRE	POUND	POUND	POUND	ACRE					
07+21.40		07+55.82	LT	0.01	0.6	0.6	0.6	0.01					
07+97.98		09+05.10	LT	0.03	2.3	2.3	2.3	0.03					
09+17.10		10+61.76	LT	0.05	4.7	4.7	4.7	0.05					
10+73.76		11+44.62	LT	0.04	3.6	3.6	3.6	0.04					
11+72.62		13+24.46	LT	0.07	6.2	6.2	6.2	0.07					
13+40.46		13+83.74	LT	0.02	1.5	1.5	1.5	0.02					
13+95.74		15+23.23	LT	0.04	3.3	3.3	3.3	0.04					
15+50.41		16+65.83	LT	0.04	3.7	3.7	3.7	0.04					
16+76.83		17+66.95	LT	0.03	3.1	3.1	3.1	0.03					
17+88.95		18+33.15	LT	0.02	1.5	1.5	1.5	0.02					
18+45.15		19+15.10	LT	0.02	1.5	1.5	1.5	0.02					
19+44.20		20+07.00	LT	0.02	1.6	1.6	1.6	0.02					
<b>TOTALS</b>									<b>0.76</b>	<b>67.7</b>	<b>67.7</b>	<b>67.7</b>	<b>0.76</b>

FILE NAME =	USER NAME = Sca37	DESIGNED - EAC	REVISED -
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	PLOT SCALE = 2.0000' / in.	CHECKED - SAL	REVISED -
	PLOT DATE = 12/13/2019	DATE - OCT. 2019	REVISED -

**The Upchurch Group**  
123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

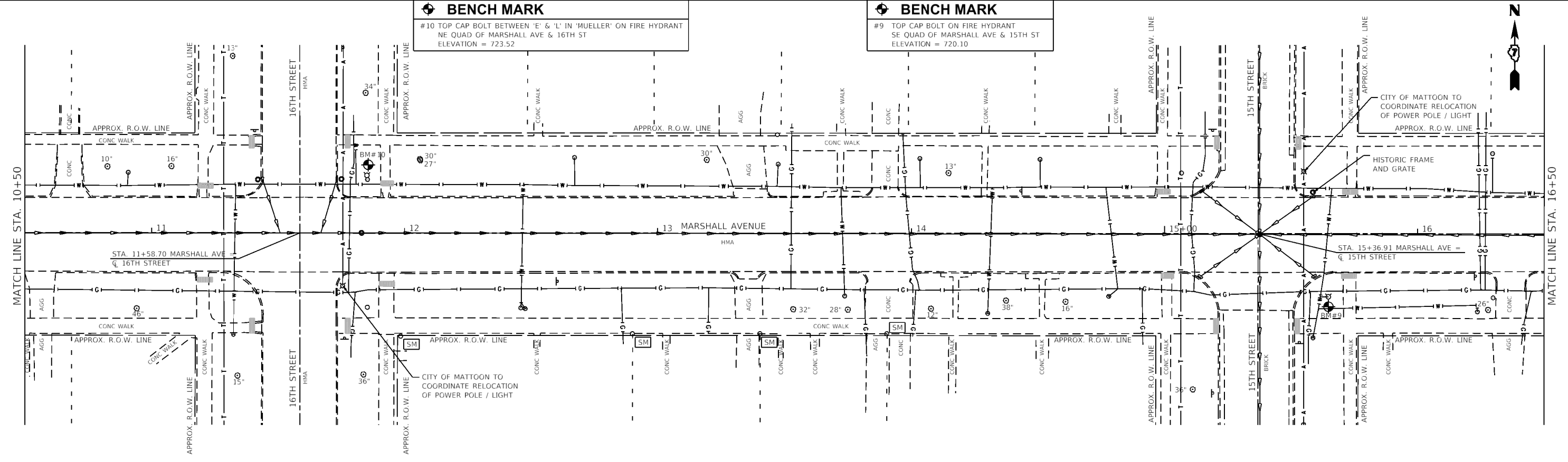
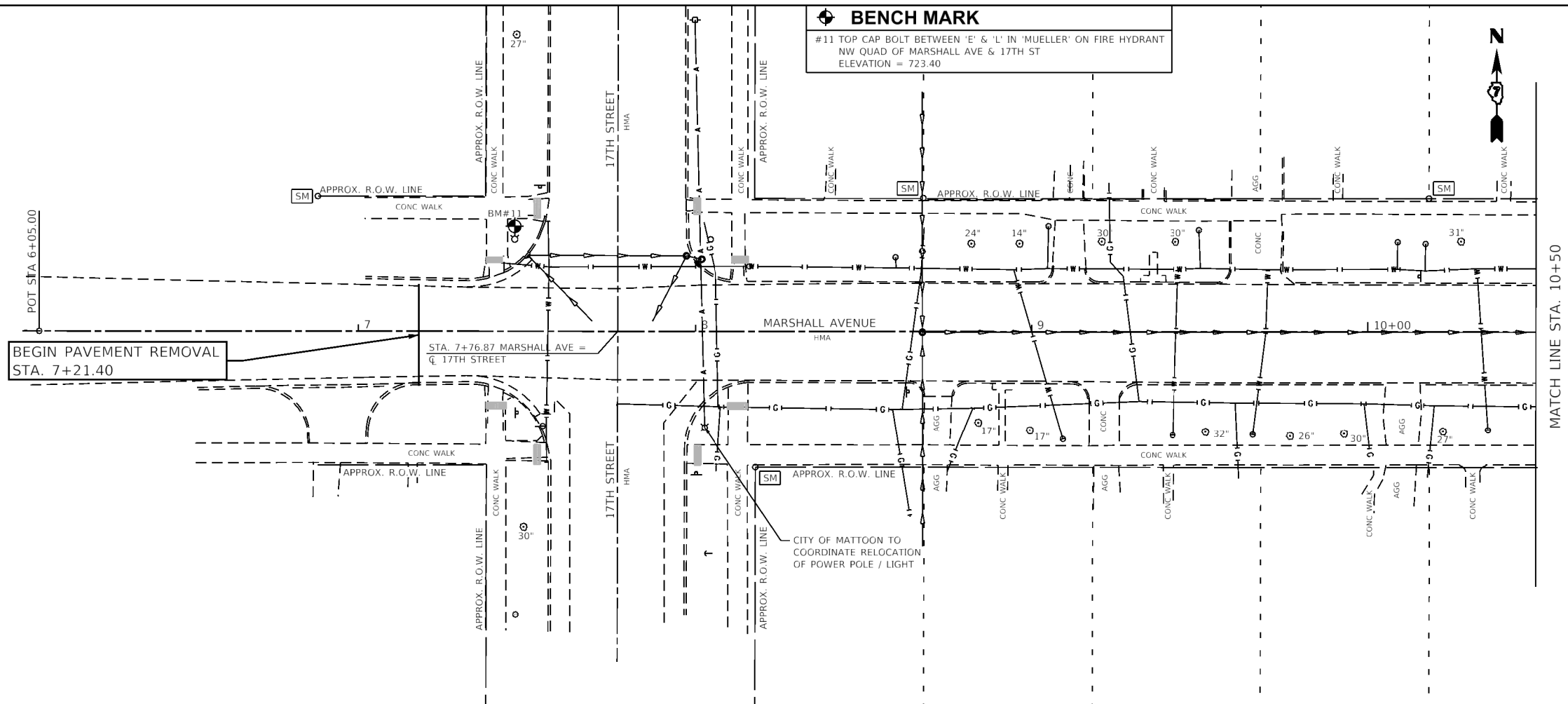
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
14TH STREET TO 17TH STREET  
CITY OF MATTOON, ILLINOIS 61938  
SCALE: 2.0000' / in.

SCHEDULE OF QUANTITIES	TOTAL SHEETS	SHEET NO.
	40	7



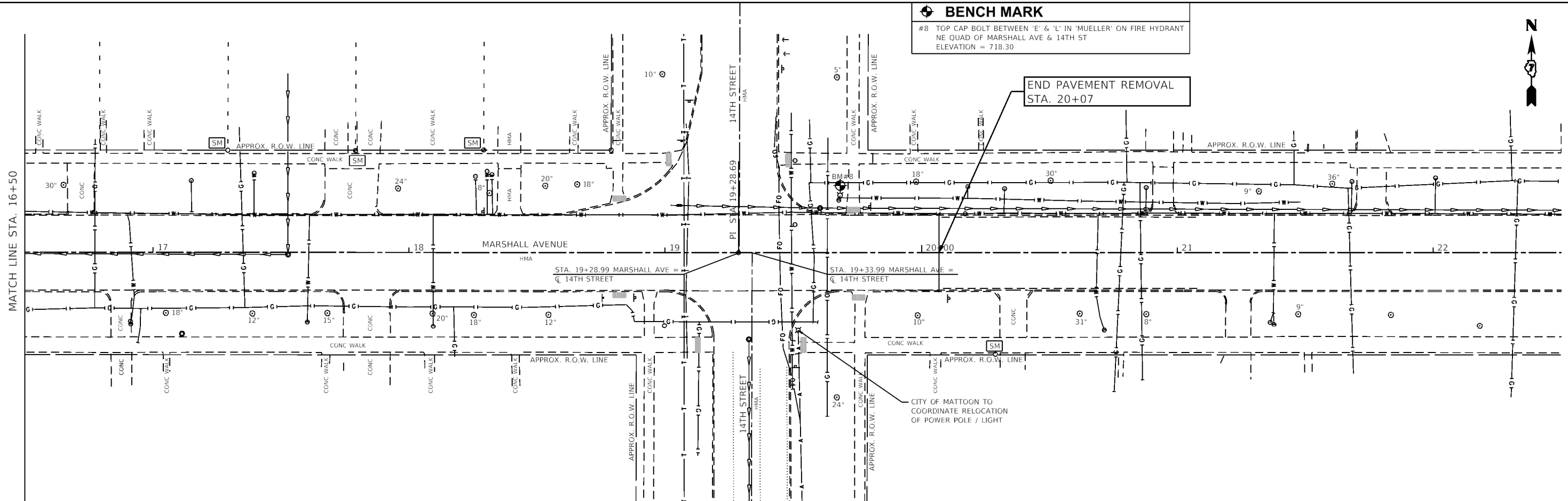


- LEGEND**
- A — A — A — AERIAL LINE
  - >>>—>>>—>>> COMBINED SEWER
  - F0 — F0 — F0 — FIBER OPTIC LINE
  - G — G — G — GAS MAIN
  - S — S — S — SANITARY SEWER
  - T — T — T — STORM SEWER
  - U — U — U — UNDERGROUND TELEPHONE LINE
  - W — W — W — WATER LINE
  - - - - -720 - - - - - CONTOUR LINE
  - SIGN
  - LIGHT POLE
  - POWER POLE
  - DOWN GUY
  - FIRE HYDRANT
  - MANHOLE
  - INLET
  - PEDESTAL
  - HANDHOLE
  - WATER VALVE
  - WATER METER
  - SM ○ SURVEY MARKER FOUND
  - 24" TREE (DIAMETER)



FILE NAME :	USER NAME = Sto37	DESIGNED - EAC	REVISED -	<p><b>The Upchurch Group</b></p> <p>123 North 15th Street Mattoon, Illinois 61938</p> <p><small>Professional Design Firm Corporation License No. 184-003401</small></p>	<p><b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b></p> <p>14TH STREET TO 17TH STREET</p> <p>CITY OF MATTOON, ILLINOIS 61938</p>	<p><b>EXISTING PLAN</b></p> <p>STA. 7 + 21.40 TO STA. 16 + 50</p>	TOTAL SHEETS	SHEET NO.
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		CHECKED - SAL	REVISED -					
		DATE - OCT. 2019	REVISED -					

**BENCH MARK**  
 #8 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT  
 NE QUAD OF MARSHALL AVE & 14TH ST  
 ELEVATION = 718.30



**LEGEND**

- A — A — AERIAL LINE
- CS — CS — COMBINED SEWER
- FO — FO — FIBER OPTIC LINE
- G — G — GAS MAIN
- SS — SS — SANITARY SEWER
- S — S — STORM SEWER
- UT — UT — UNDERGROUND TELEPHONE LINE
- W — W — WATER LINE
- - - 720 - - - CONTOUR LINE
- ⊕ SIGN
- ⊕ LIGHT POLE
- ⊕ POWER POLE
- ⊕ DOWN GUY
- ⊕ FIRE HYDRANT
- ⊕ MANHOLE
- ⊕ INLET
- ⊕ PEDESTAL
- ⊕ HANDHOLE
- ⊕ WATER VALVE
- ⊕ WATER METER
- SM SURVEY MARKER FOUND
- ⊕ 24" TREE (DIAMETER)

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	PLOT DATE = 12/13/2019	DATE - OCT. 2019	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b>	
14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	
SCALE: 40.0000' / in.	PROJECT: 3118104

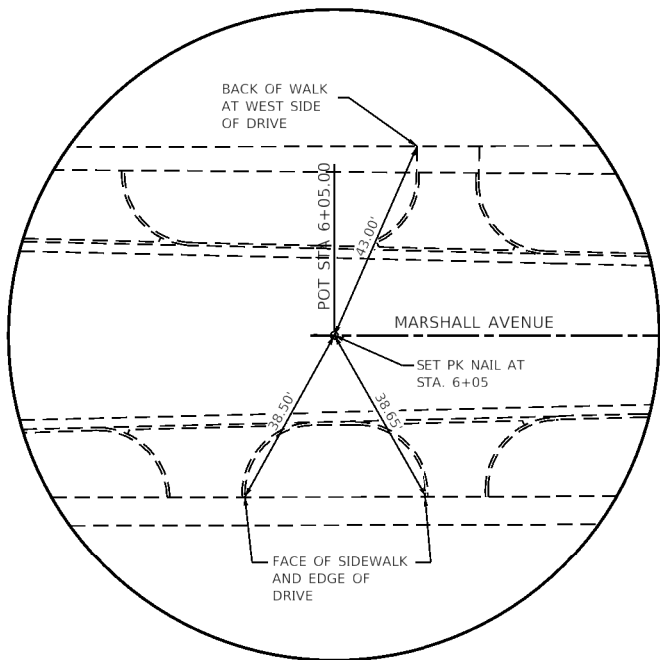
<b>EXISTING PLAN</b>	
STA. 16 + 50 TO STA. 22 + 30	
TOTAL SHEETS	SHEET NO.
40	10

**GENERAL NOTES**

1. ALL RADII DIMENSIONS ARE TO FACE OF CURB. CONTRACTOR SHALL TRANSFER BENCH MARK ELEVATIONS TO A PERMANENT BENCH MARK LOCATION BEFORE FIRE HYDRANTS THAT NEED TO BE RELOCATED ARE ACTUALLY RELOCATED.
- 2.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	BY	
	NO.	

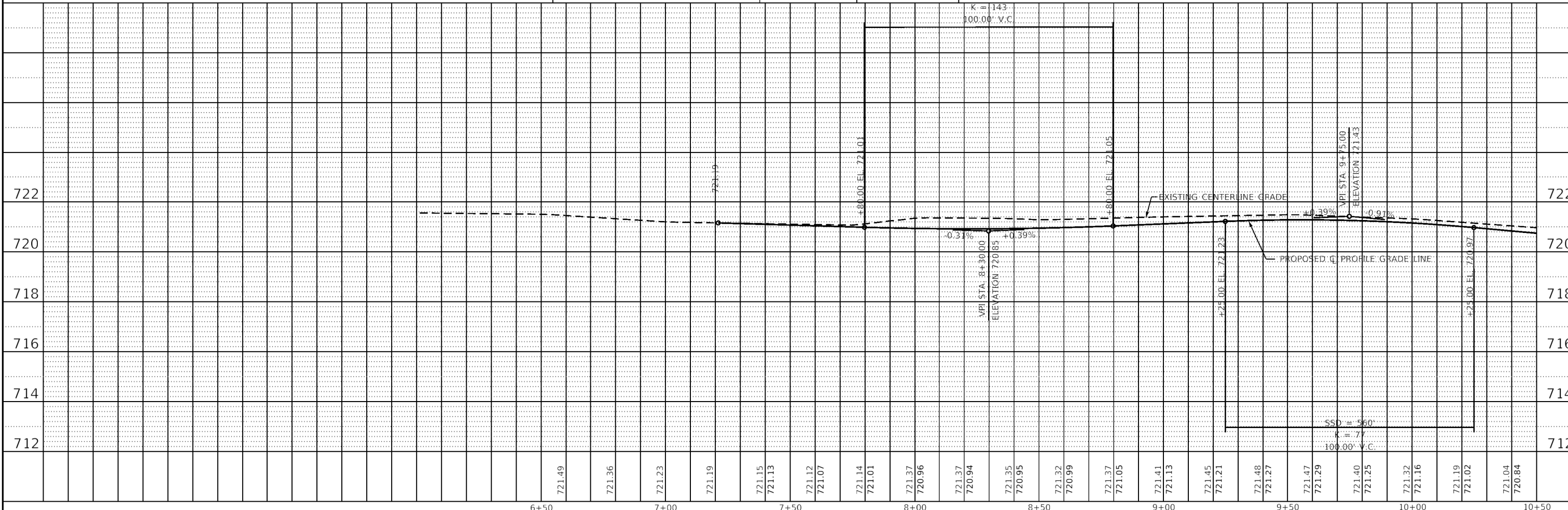
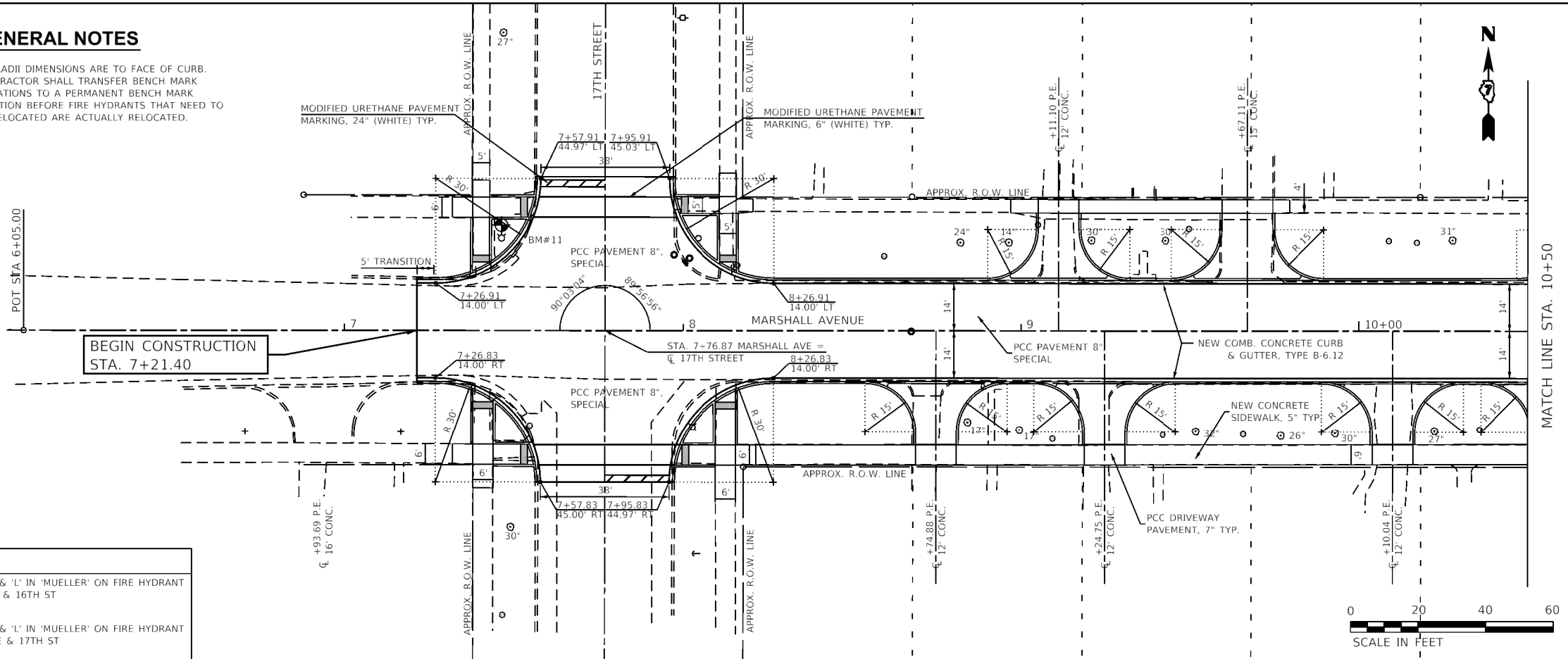
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHRD	
	NO.	



**BASELINE TIE STA. 6+05**

**BENCH MARKS**

- #8 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 14TH ST ELEVATION = 718.30
- #9 TOP CAP BOLT ON FIRE HYDRANT SE QUAD OF MARSHALL AVE & 15TH ST ELEVATION = 720.10
- #10 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 16TH ST ELEVATION = 723.52
- #11 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NW QUAD OF MARSHALL AVE & 17TH ST ELEVATION = 723.40



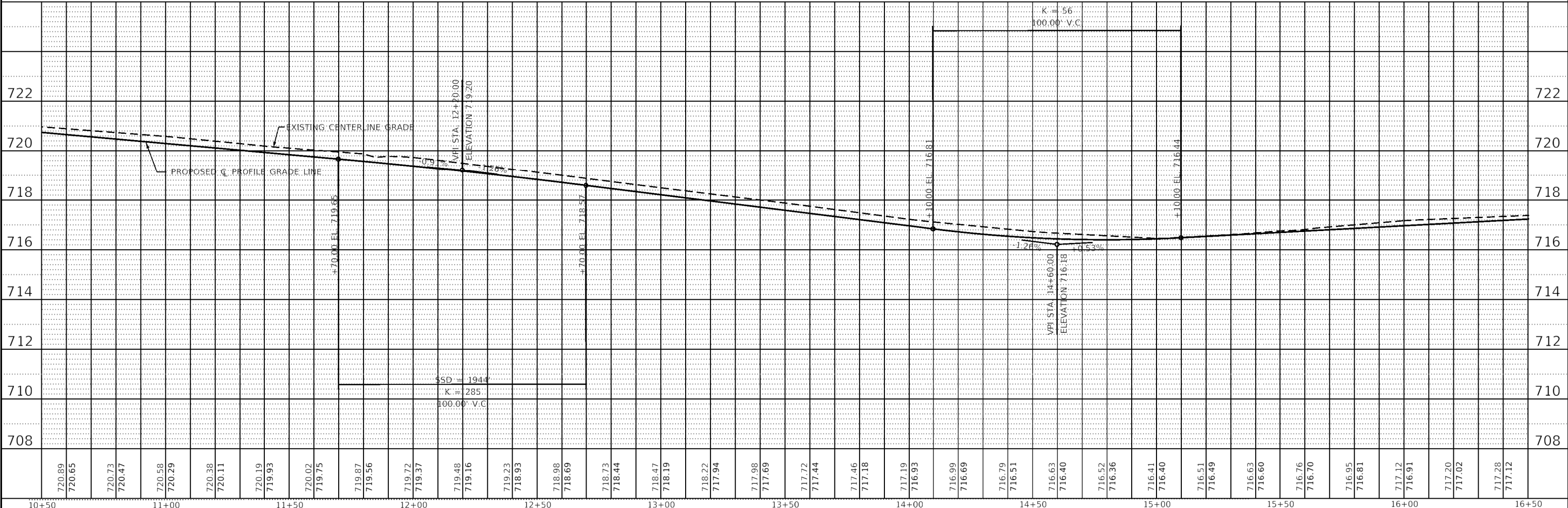
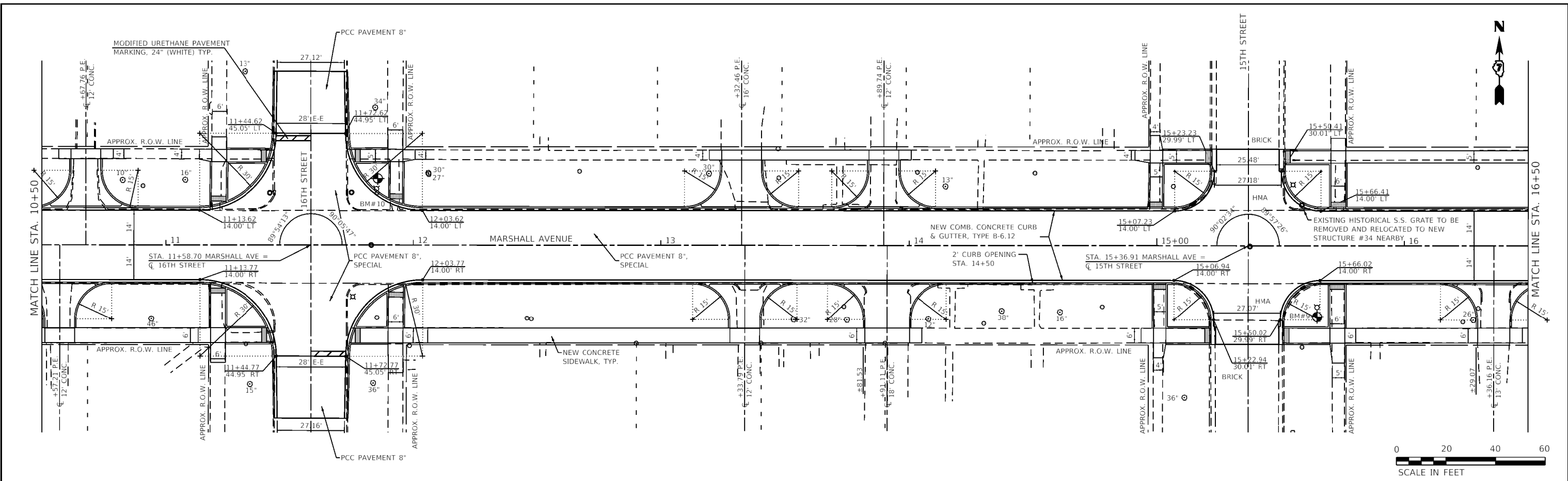
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Default	CHECKED - SAL	REVISED -						
PLOT SCALE = 40.0000' / in.	DATE - OCT. 2019	REVISED -						

SCALE: 40.0000' / in.

PROJECT: 3118104

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
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	CHECKED	
	NO. _____	
	STRUCTURE	
	NOTATIONS	



FILE NAME :	USER NAME = Sta37	DESIGNED - EAC	REVISED -
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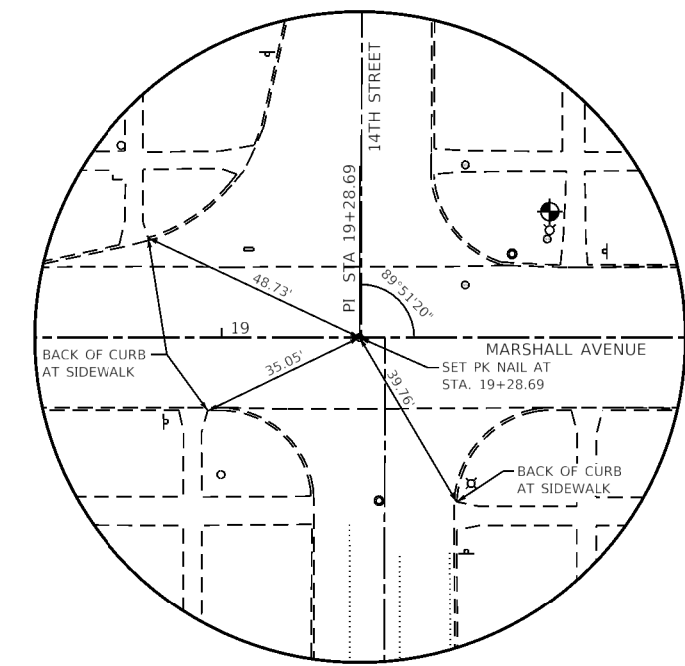
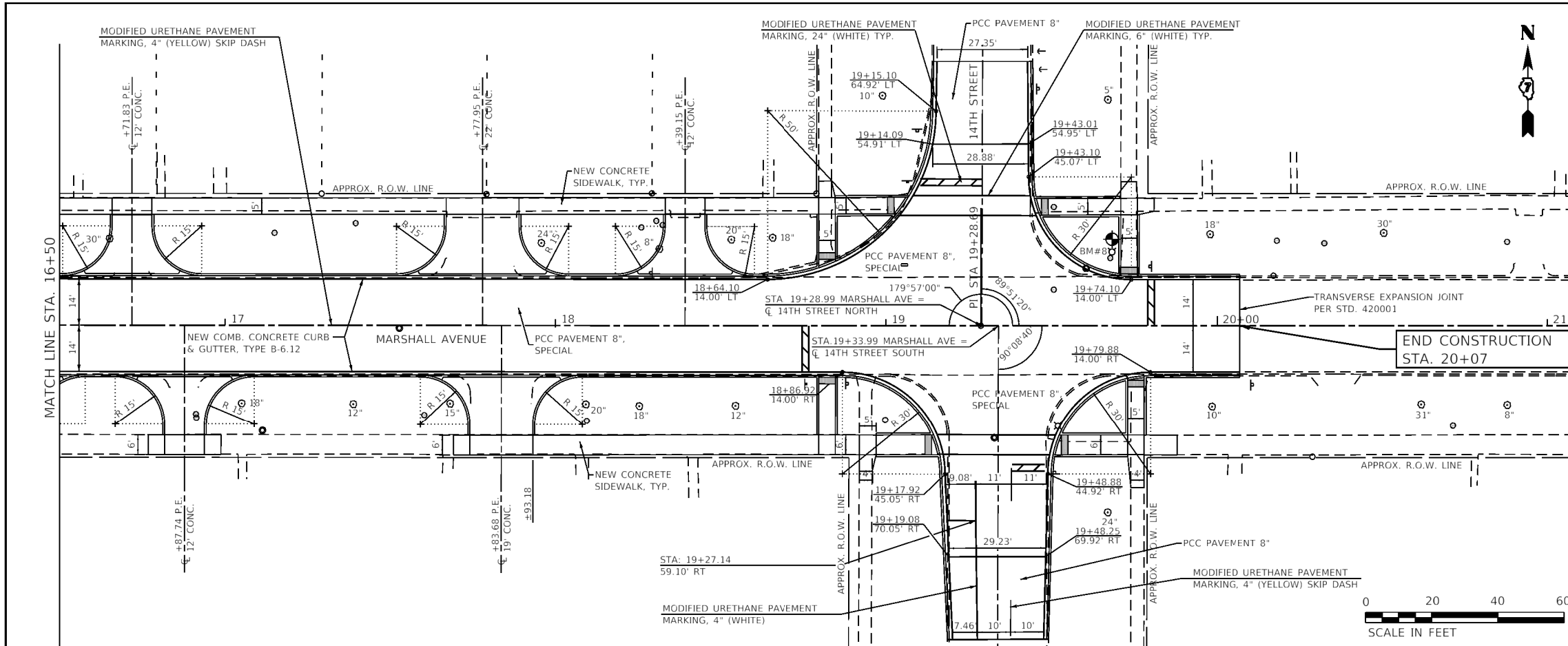
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 40.0000' / in. PROJECT: 3118104

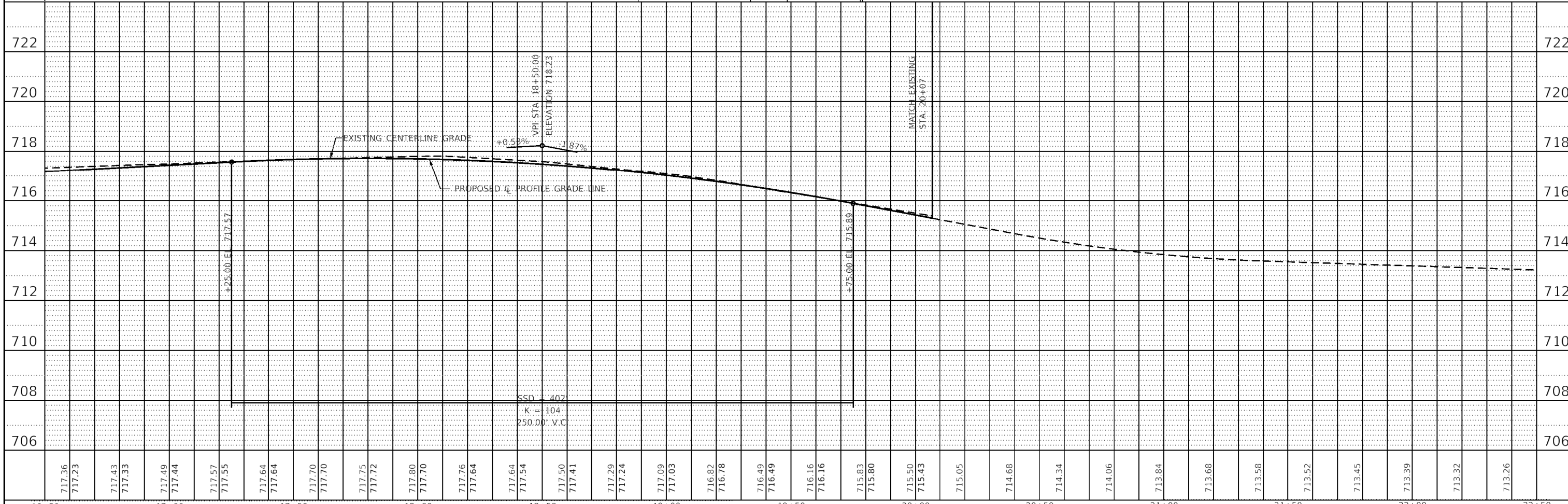
**PLAN AND PROFILE**  
 STA. 10+50 TO STA. 16+50  
 TOTAL SHEETS: 40 SHEET NO.: 12

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



**BASELINE TIE STA. 19+28.69**



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Default	PLOT SCALE :	CHECKED :	REVISED :
	48.0000' / in.	SAL	-
	PLOT DATE :	DATE :	REVISED :
	12/13/2019	OCT. 2019	-

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 40.0000' / in. PROJECT: 3118104

<b>PLAN AND PROFILE</b>	TOTAL SHEETS	SHEET NO.
<b>STA. 16 + 50 TO STA. 22 + 30</b>	40	13



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DATE		
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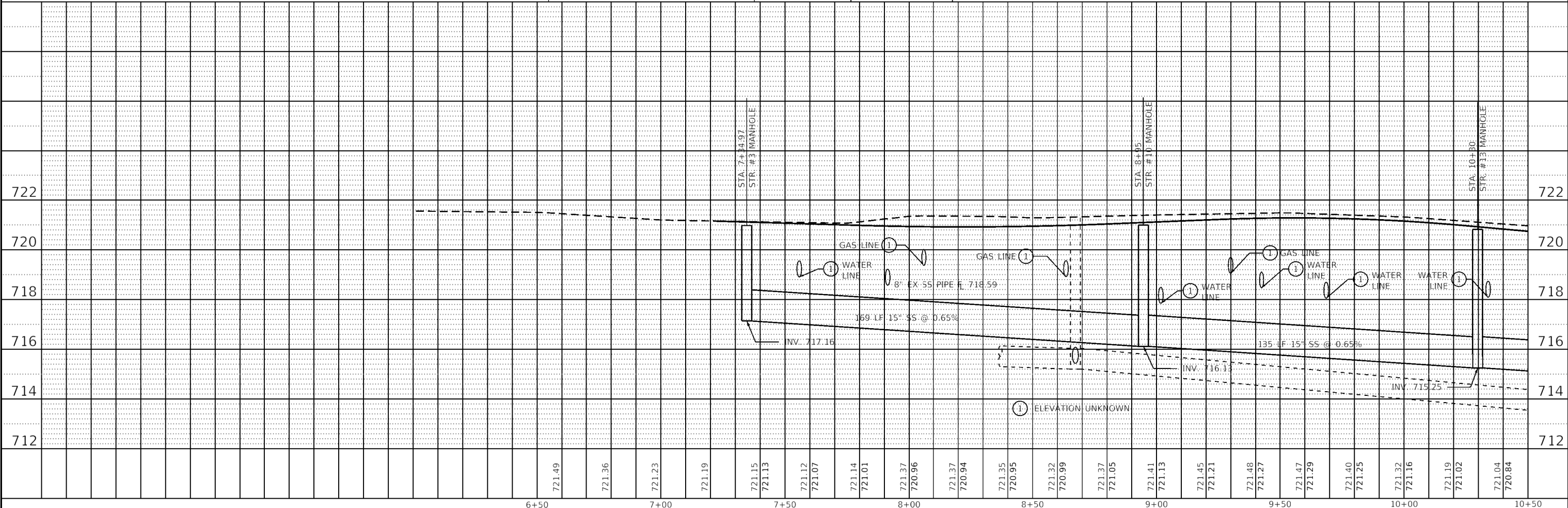
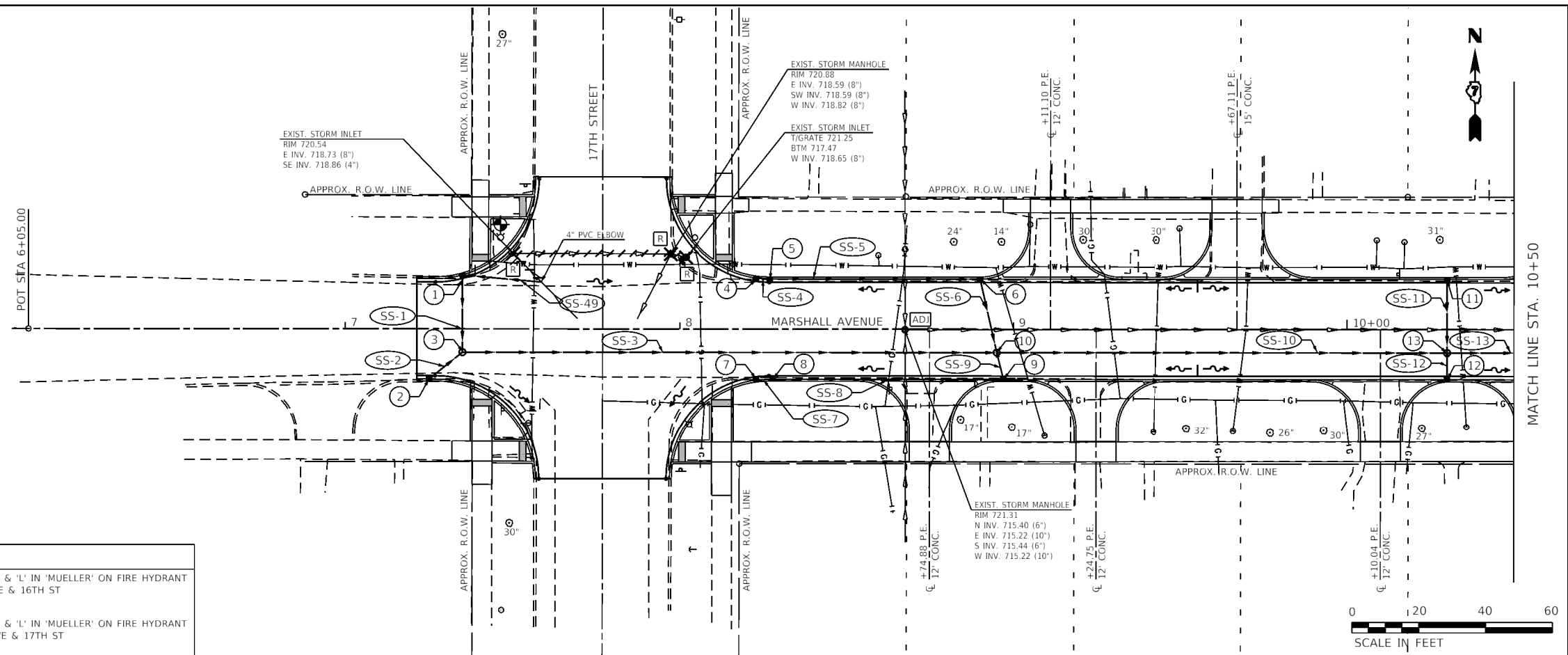
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	DATE		
	NO.		

**LEGEND**

- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- R EXISTING STRUCTURE TO BE REMOVED
- X EXISTING SEWER TO BE REMOVED
- NEW STORM SEWER
- NEW INLET
- NEW MANHOLE
- 4 NEW STRUCTURE NUMBER
- SS-2 NEW SEWER SEGMENT SEE STORM SEWER SCHEDULES SHEET 14

**BENCH MARKS**

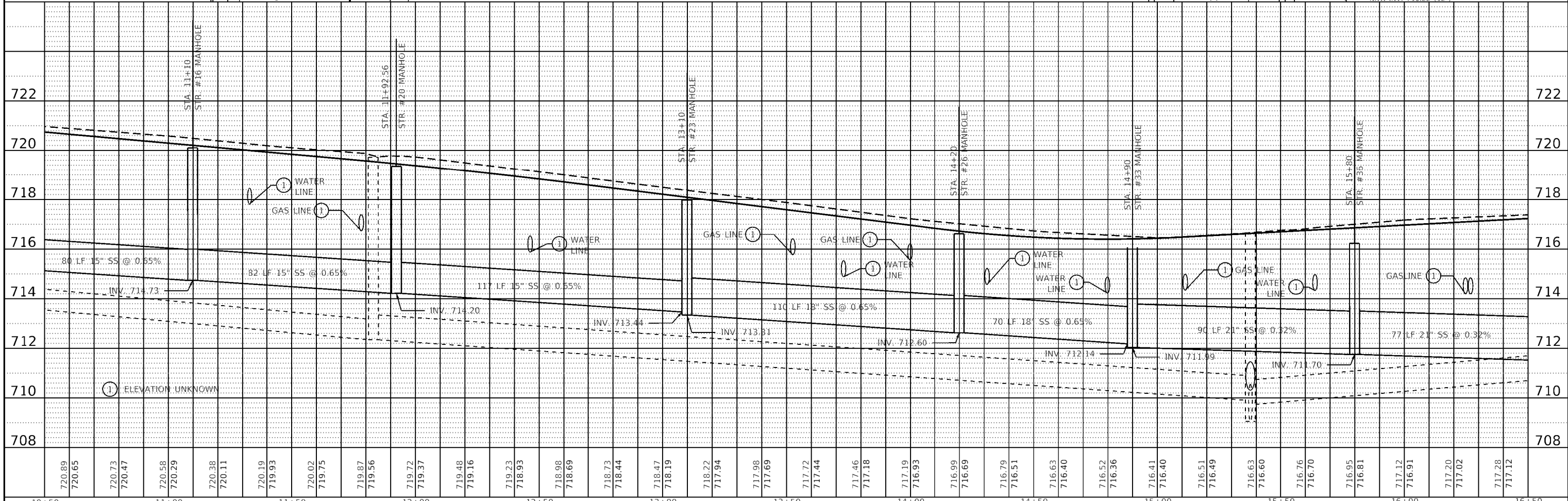
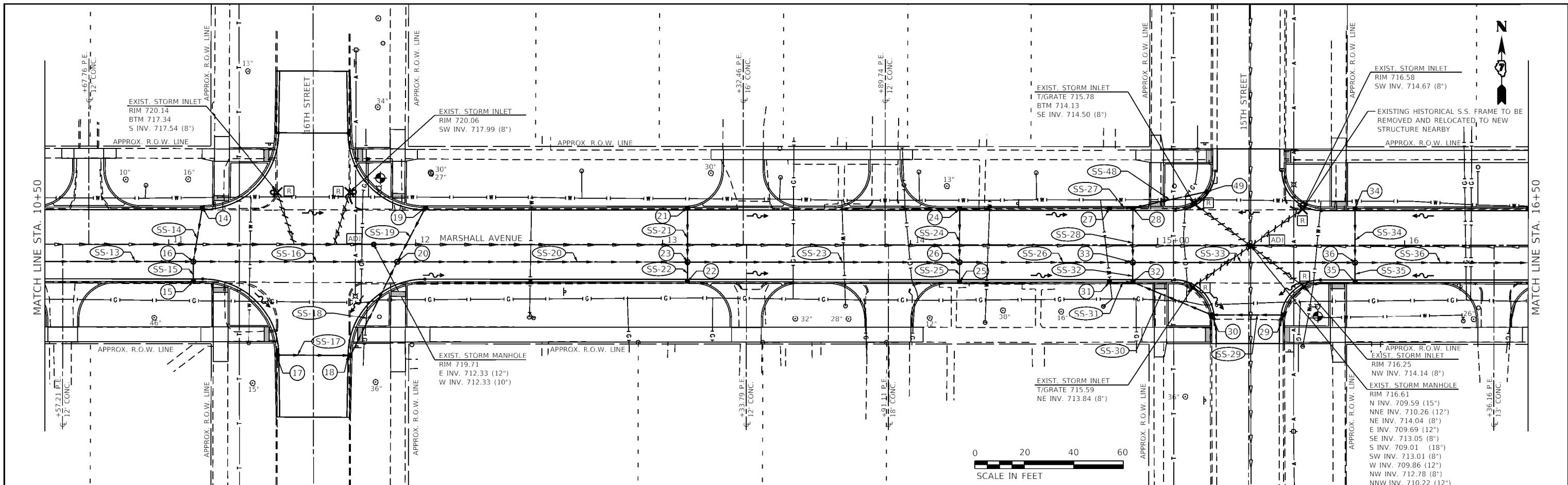
#8 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 14TH ST ELEVATION = 718.30	#10 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 16TH ST ELEVATION = 723.52
#9 TOP CAP BOLT ON FIRE HYDRANT SE QUAD OF MARSHALL AVE & 15TH ST ELEVATION = 720.10	#11 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NW QUAD OF MARSHALL AVE & 17TH ST ELEVATION = 723.40



FILE NAME :	USER NAME = S2037	DESIGNED - EAC	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>DRAINAGE PLAN AND PROFILE</b> STA. 7+21.40 TO STA. 10+50	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SAL	REVISED -				40	15
	PLOT DATE = 12/13/2019	DATE - OCT. 2019	REVISED -					

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
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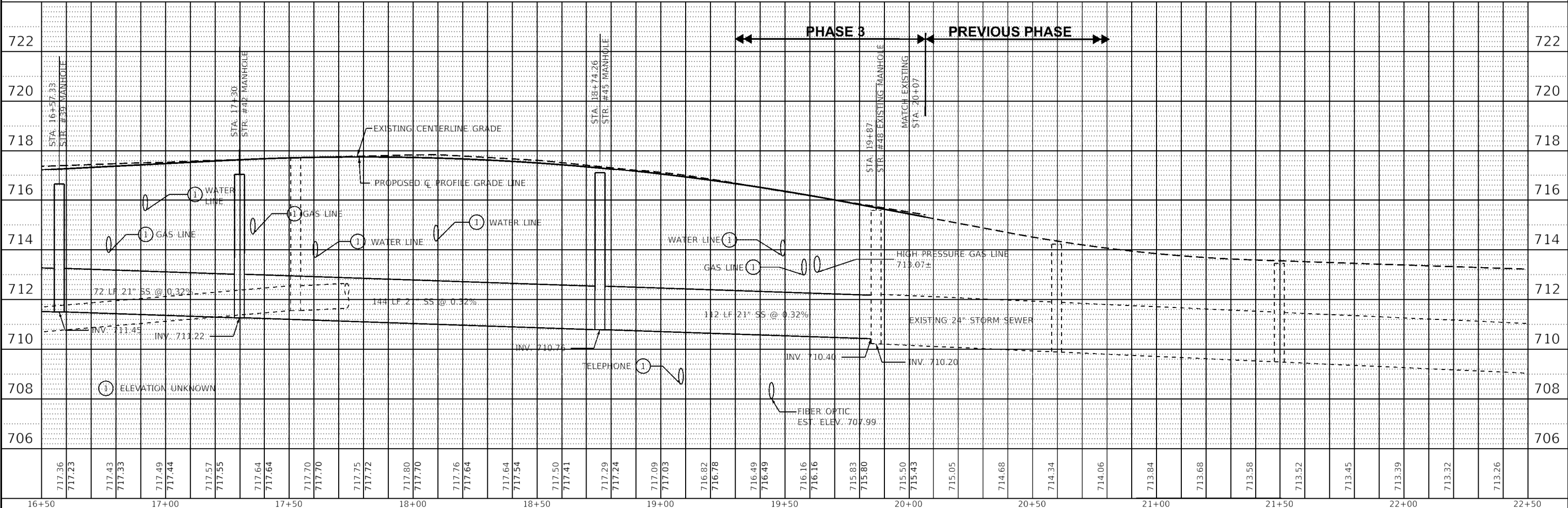
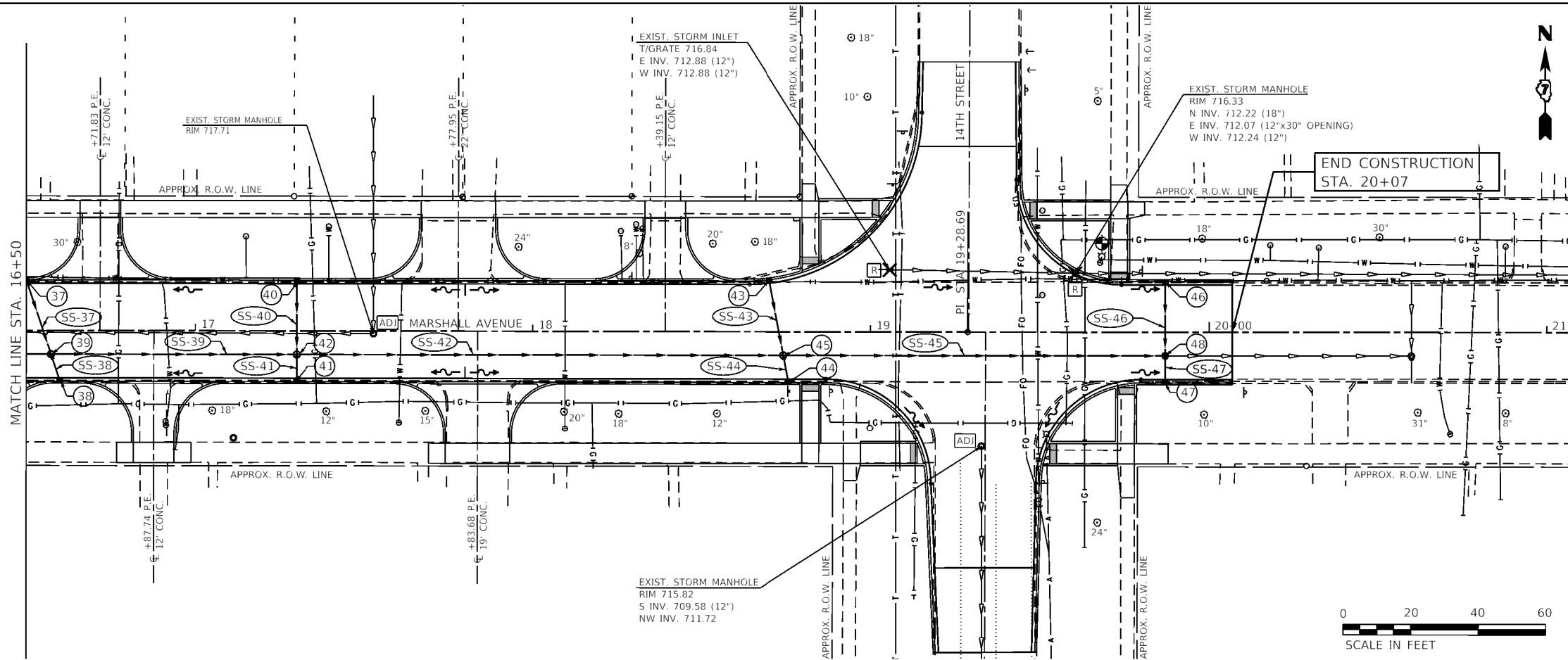


FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>DRAINAGE PLAN AND PROFILE</b> STA. 10+50 TO STA. 16+50	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE :	CHECKED :	REVISED :				40	16
	PLOT DATE :	DATE :	REVISED :					

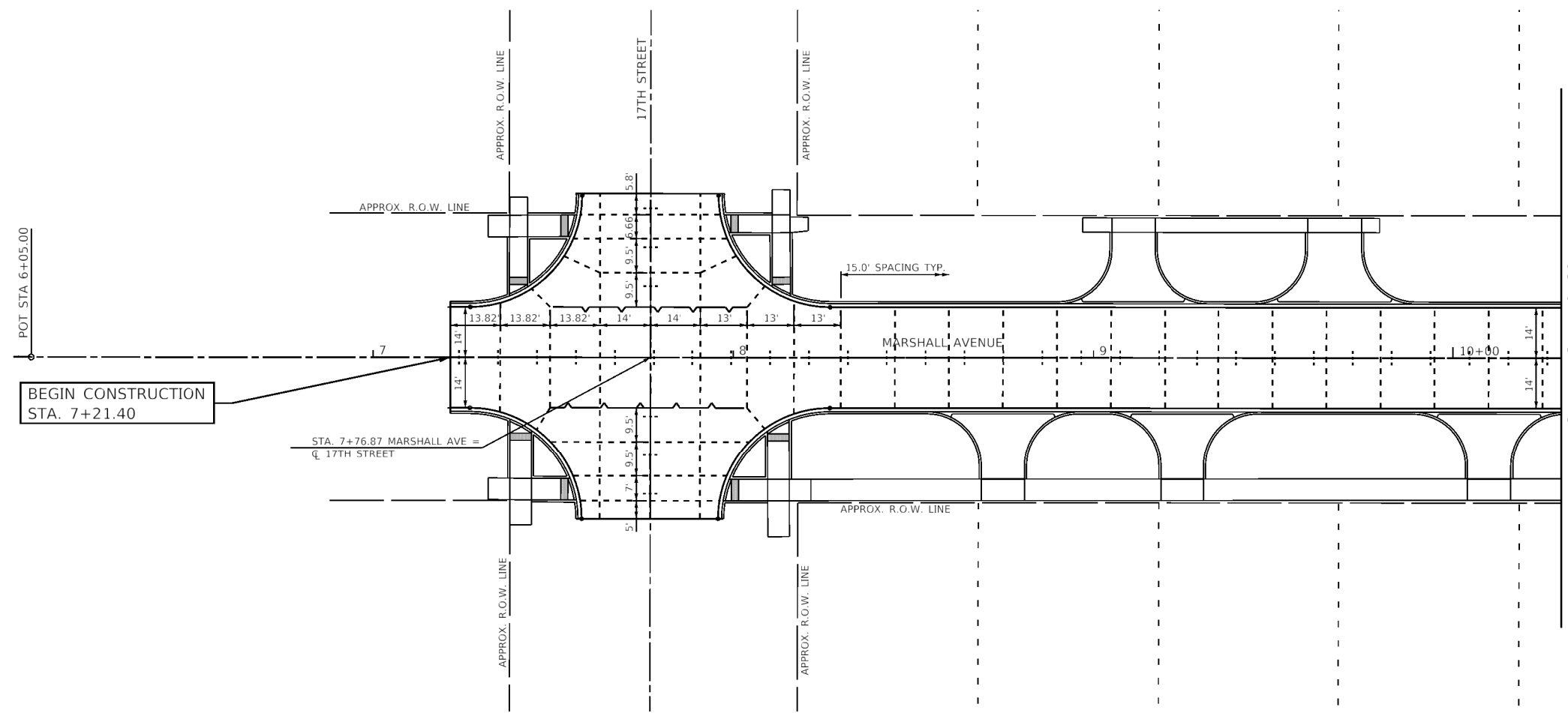


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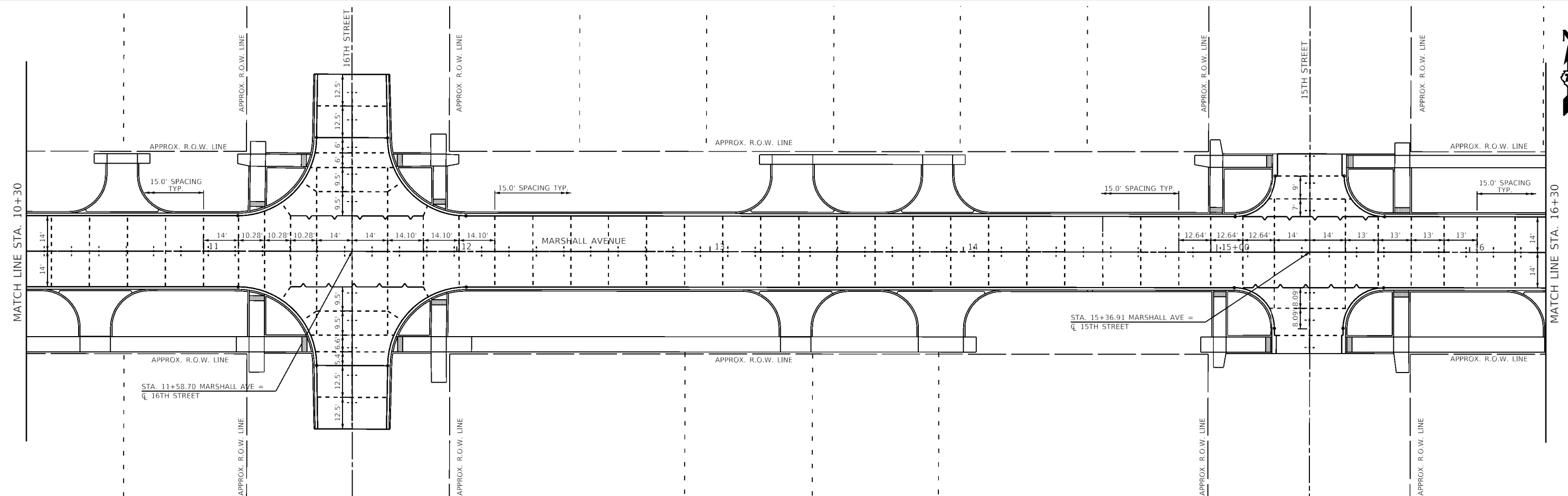


FILE NAME :	USER NAME = Sta37	DESIGNED - EAC	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>DRAINAGE PLAN AND PROFILE</b> STA. 16 + 50 TO STA. 21 + 00	TOTAL SHEETS	SHEET NO.
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							SCALE: 40.0000' / in.	PROJECT: 3118104

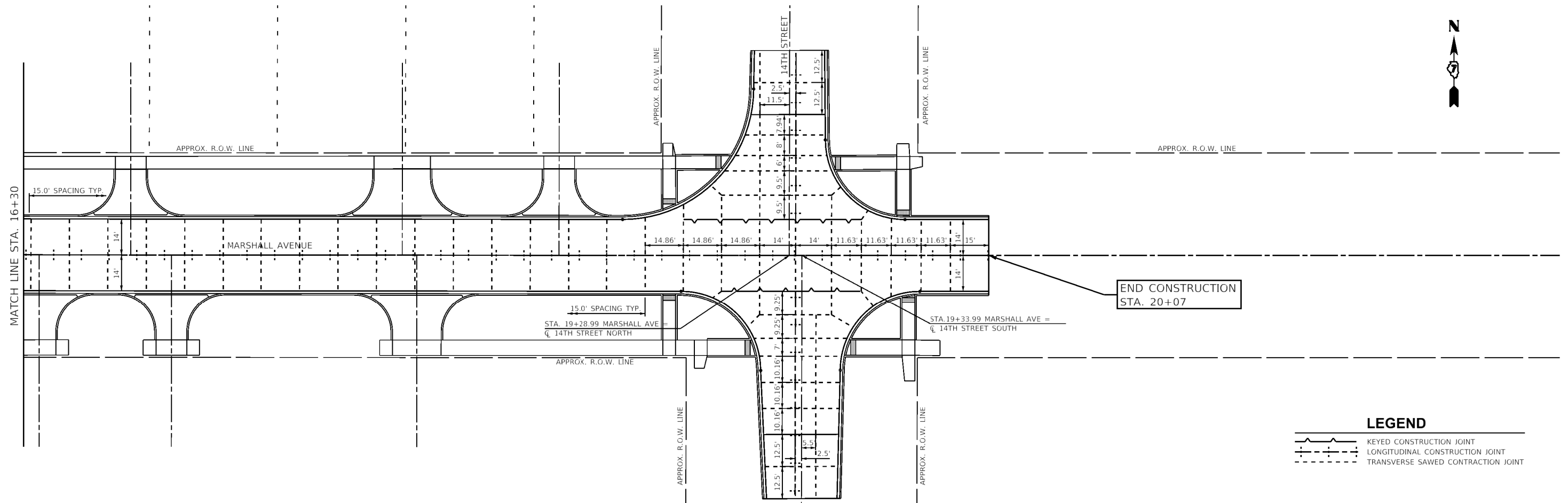


**LEGEND**

	KEYED CONSTRUCTION JOINT
	LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED CONTRACTION JOINT



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	PLOT SCALE = 40.0000' / in.	CHECKED - SAL	REVISED -		SCALE: 40.0000' / in.	PROJECT: 3118104	40	18		
	PLOT DATE = 12/13/2019	DATE - OCT. 2019	REVISED -							



**LEGEND**

	KEYED CONSTRUCTION JOINT
	LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED CONTRACTION JOINT

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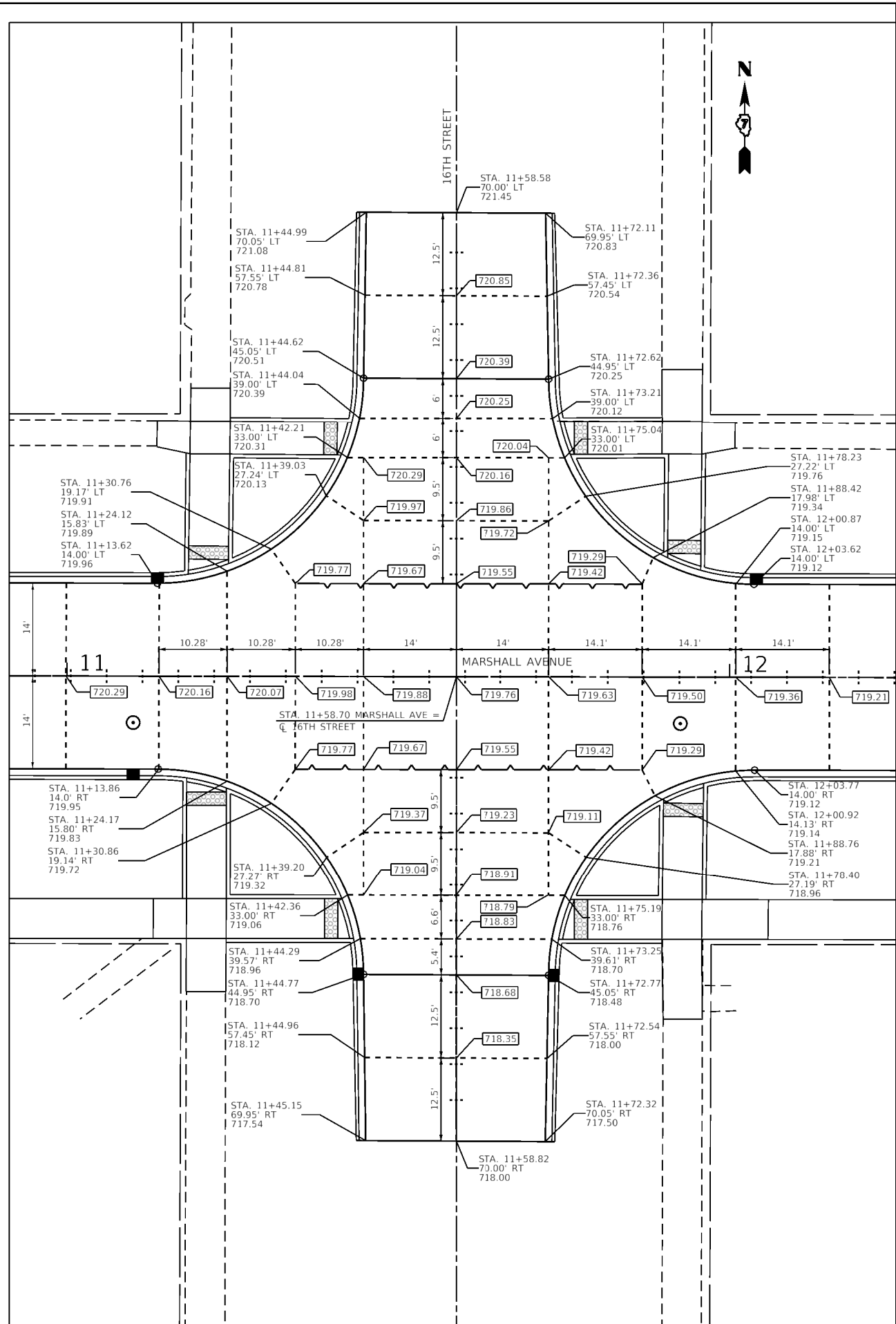
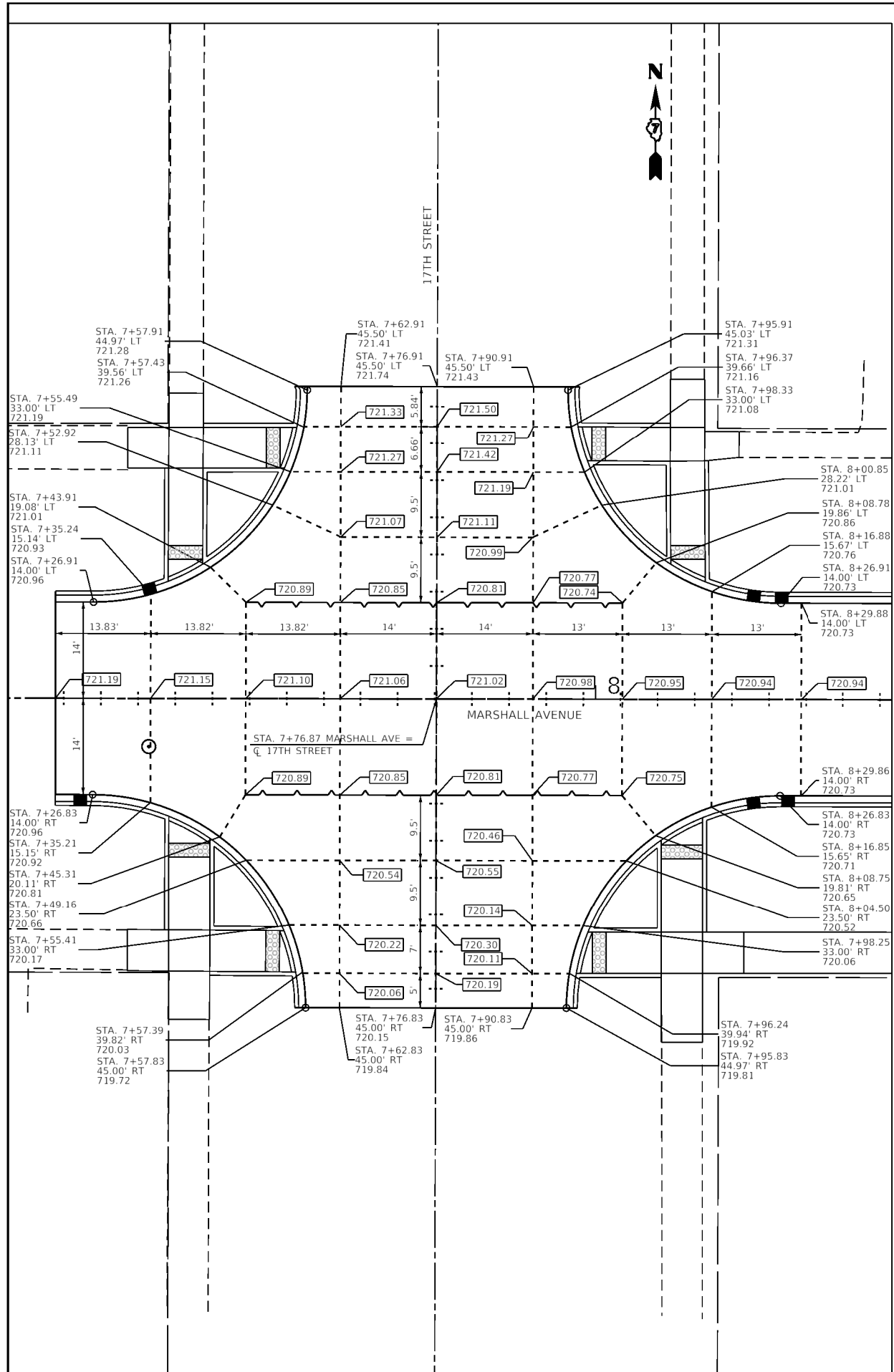
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

SCALE: 40,0000' / in. PROJECT: 3118104

**PAVEMENT JOINT LAYOUT**  
 STA. 16 + 30 TO STA. 20 + 07

TOTAL SHEETS	SHEET NO.
40	19

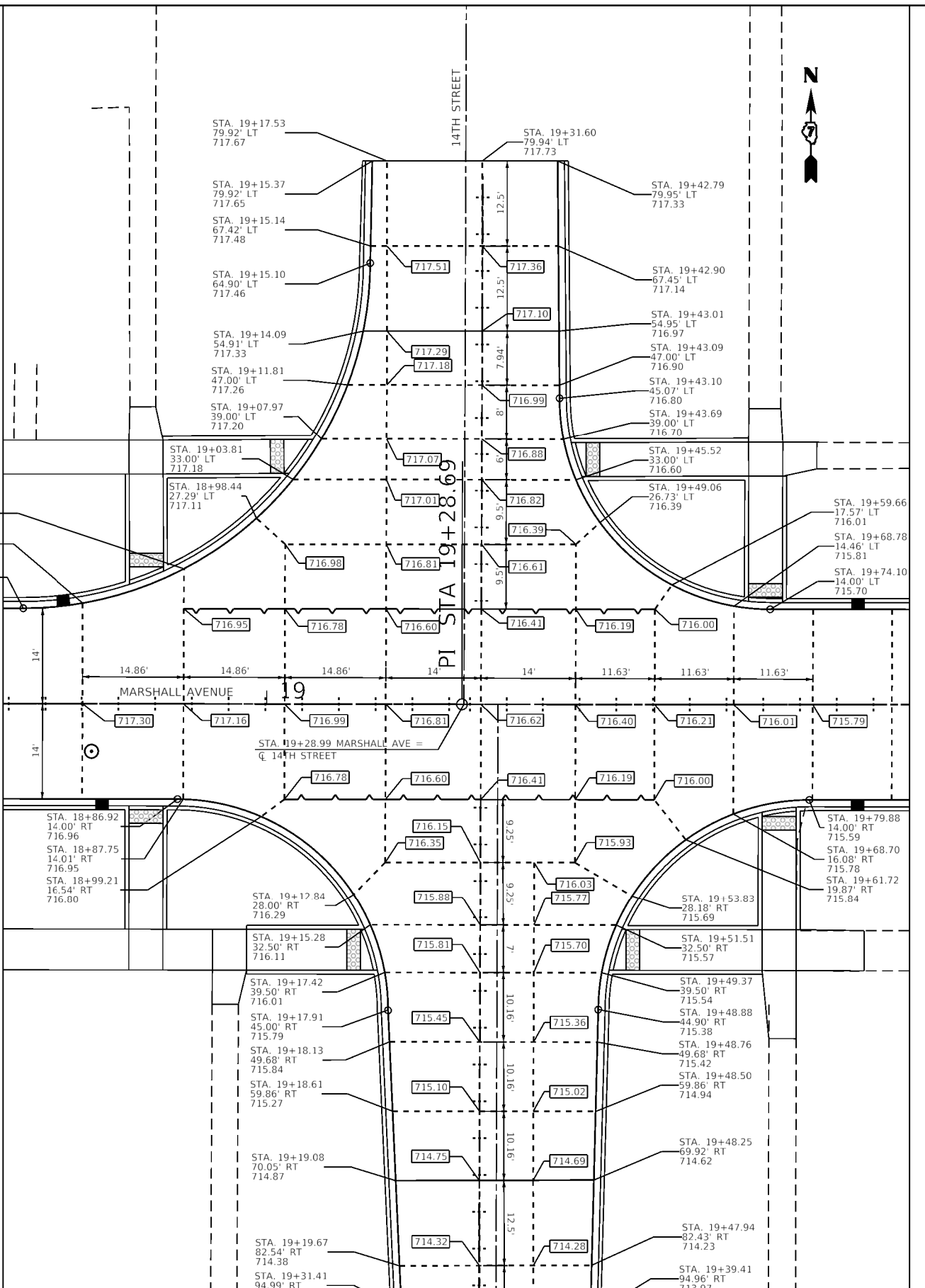
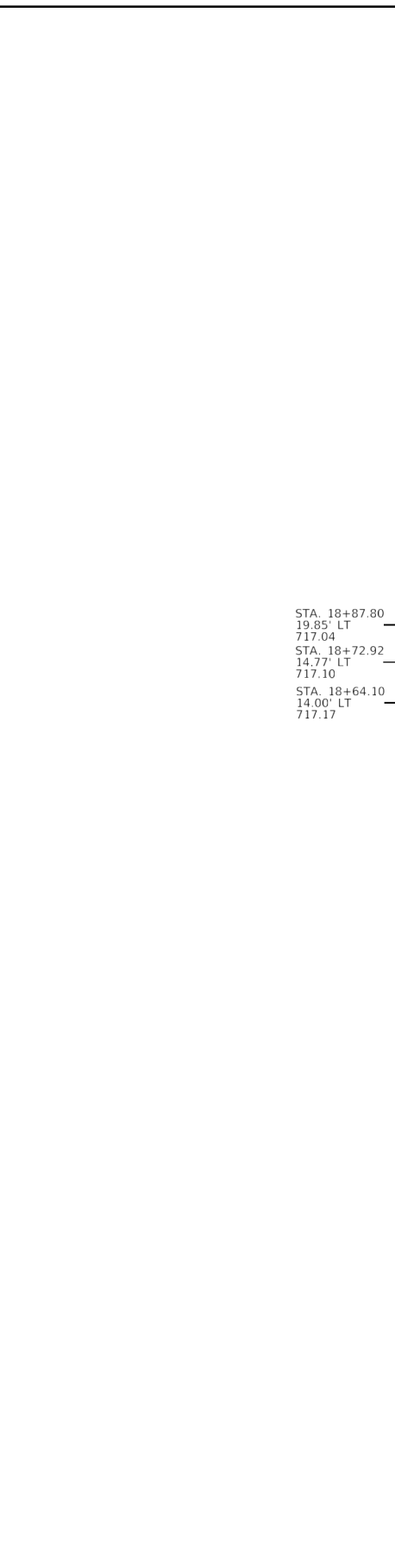
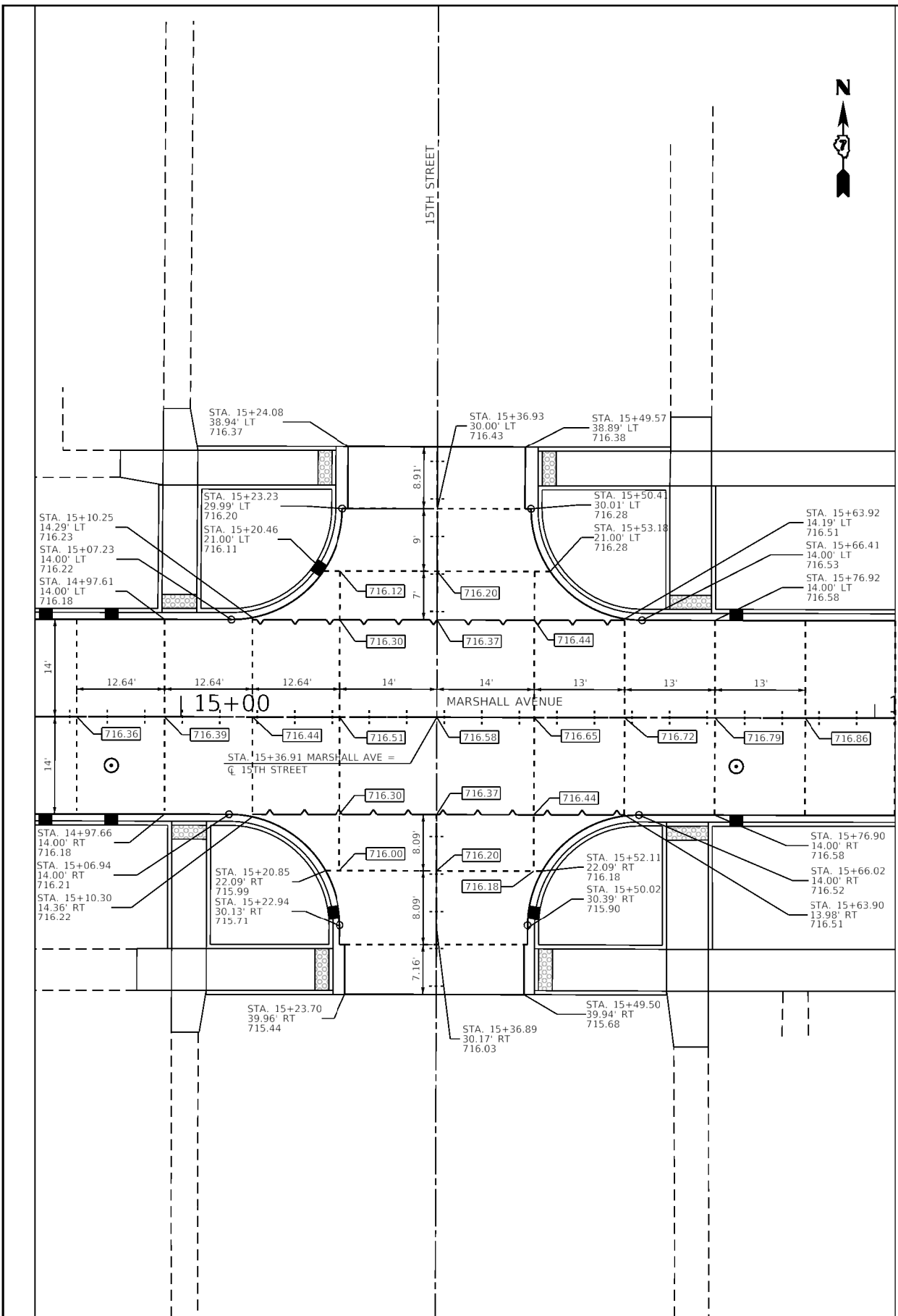


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	PLOT DATE = 12/13/2019	DATE - OCT. 2019	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3118104

<b>INTERSECTION ELEVATIONS</b>	TOTAL SHEETS	SHEET NO.
17TH STREET & 16TH STREET	40	20

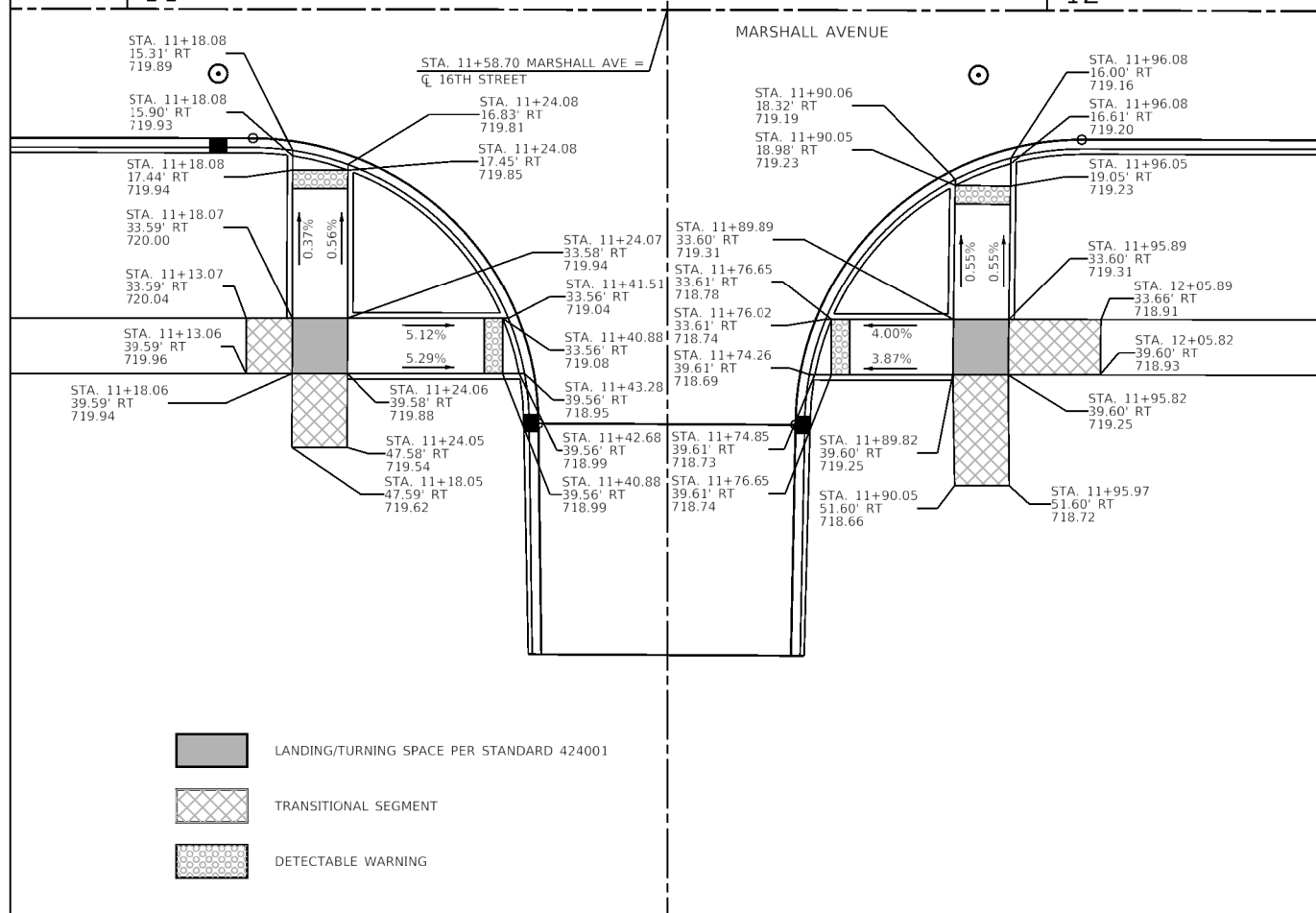
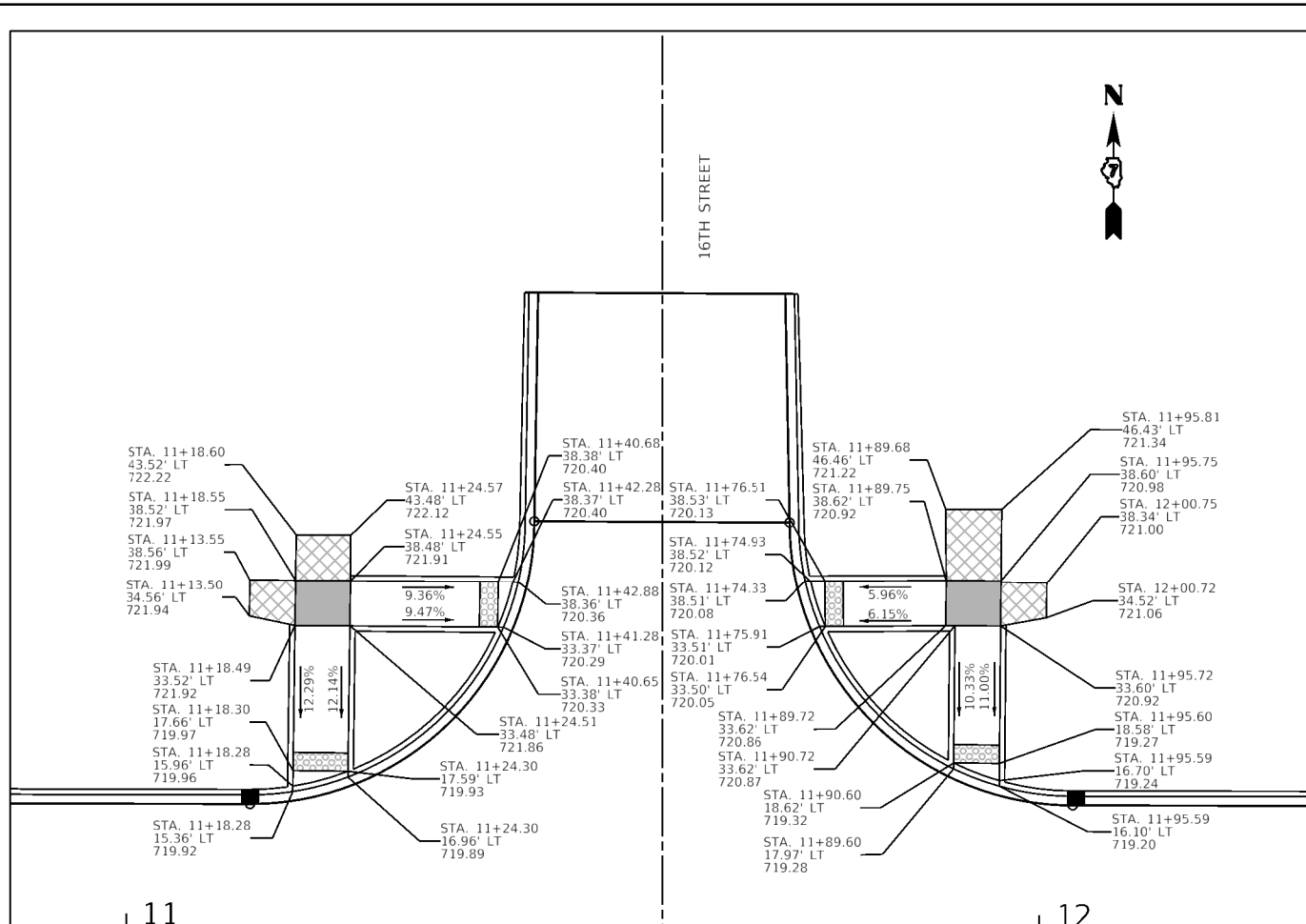
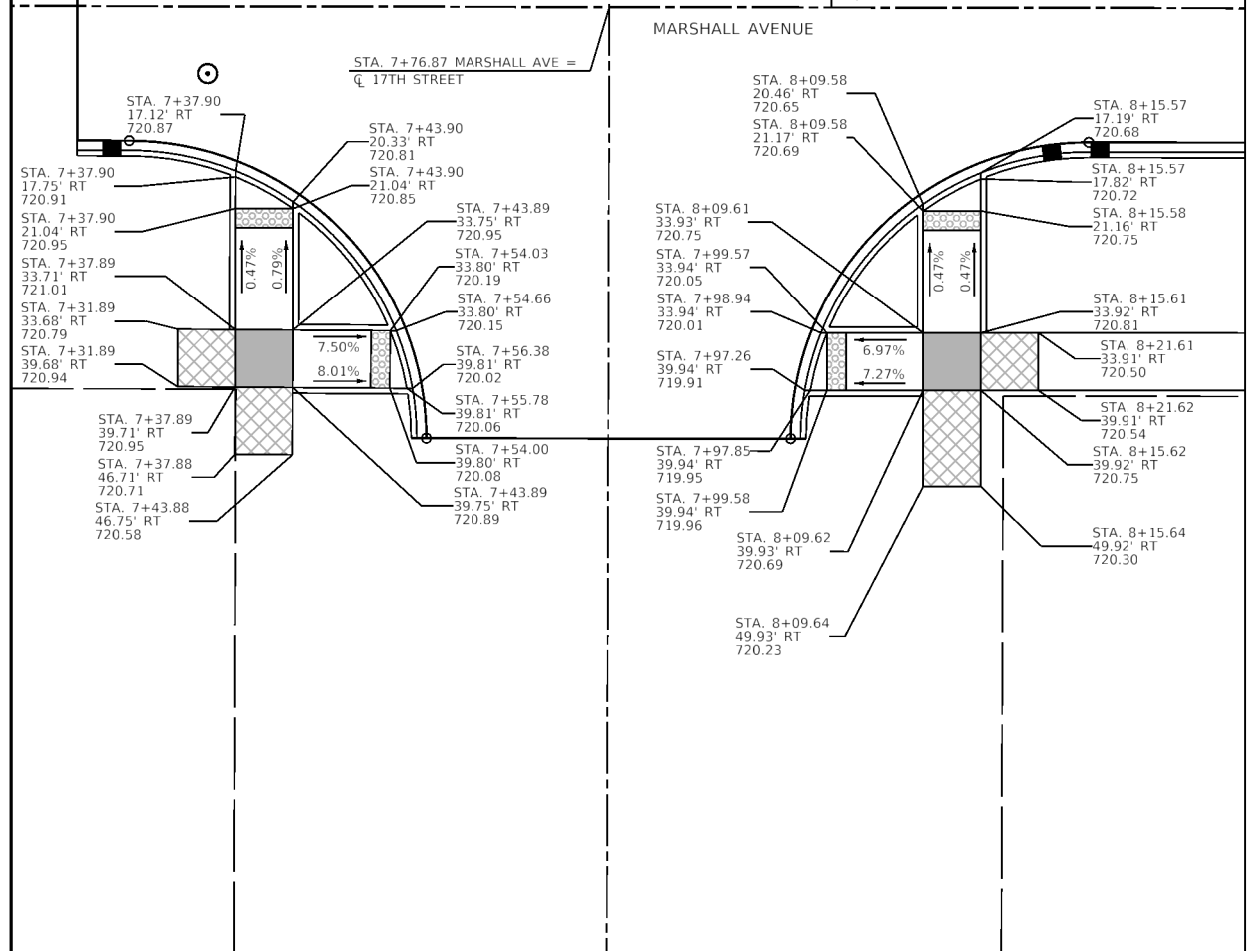
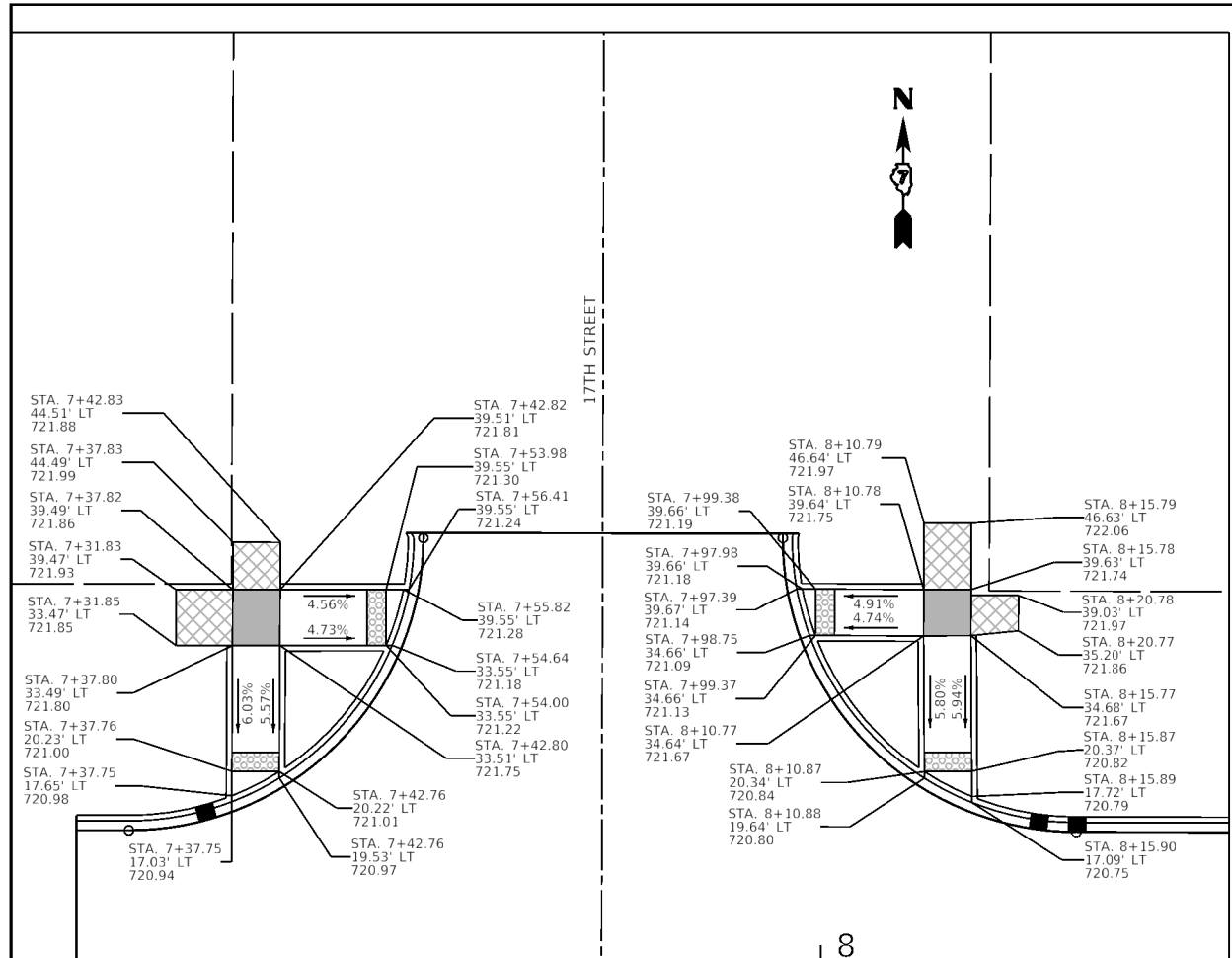





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**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3118104

<b>INTERSECTION ELEVATIONS</b> 15TH STREET & 14TH STREET	TOTAL SHEETS <b>40</b>	SHEET NO. <b>21</b>
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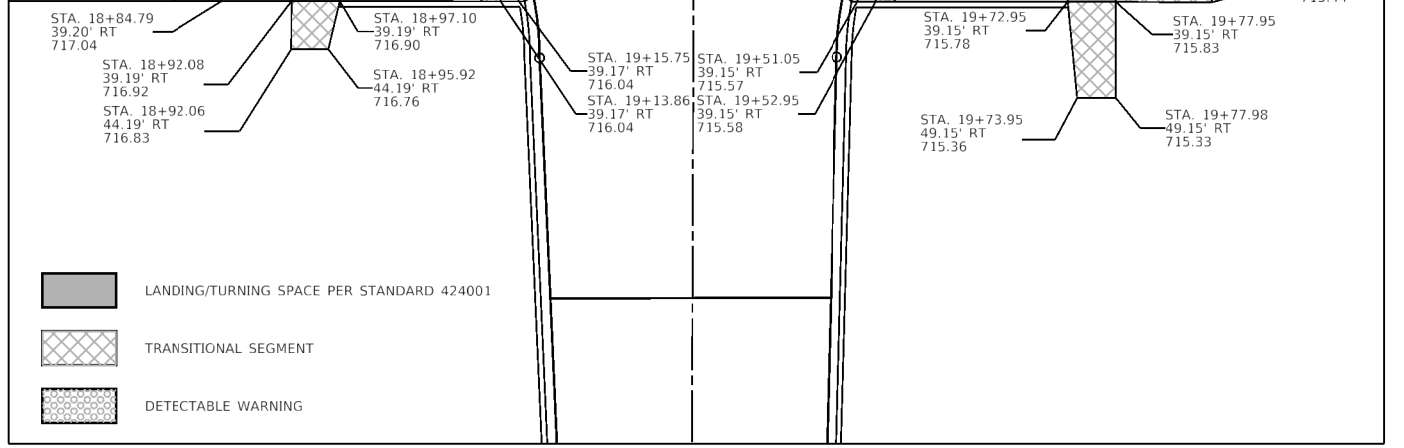
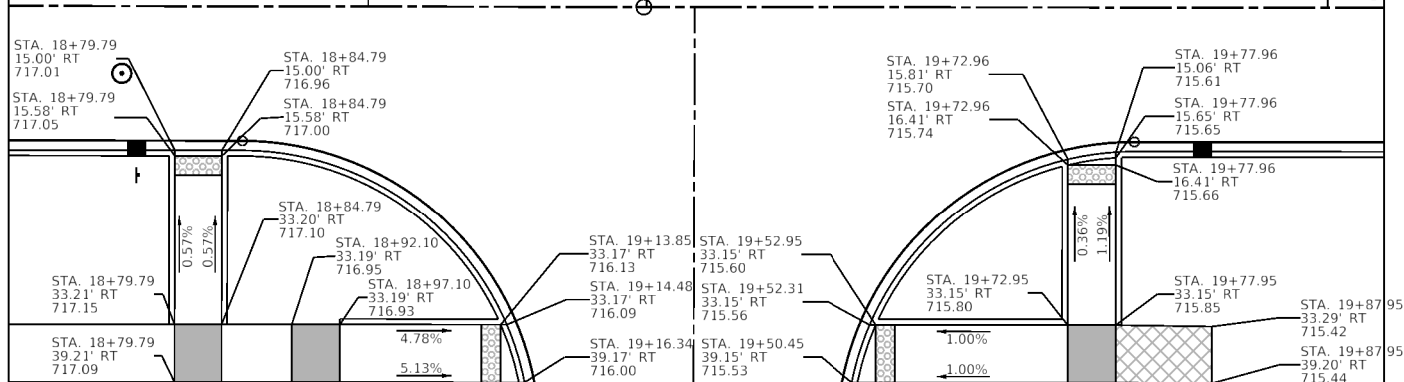
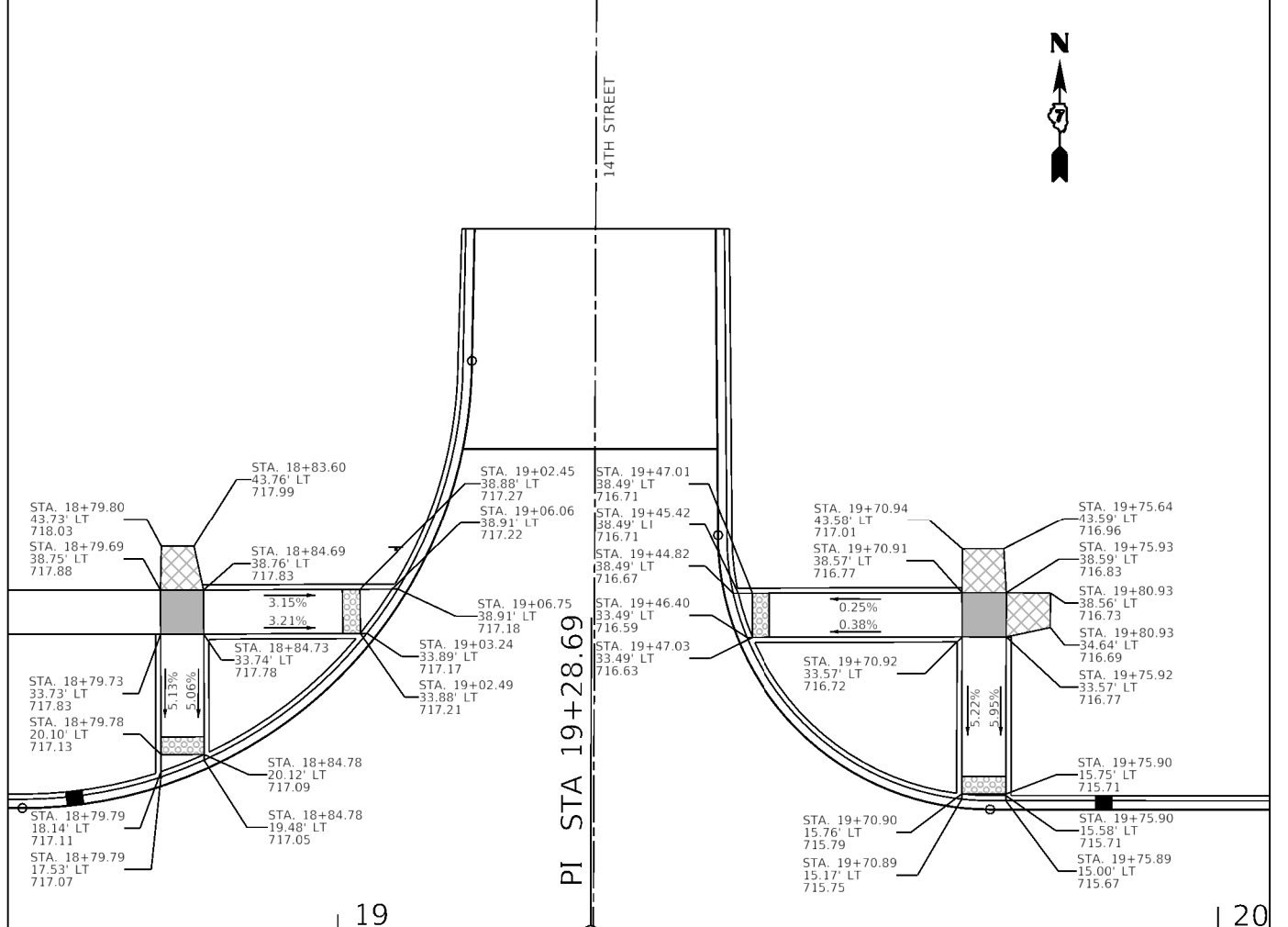
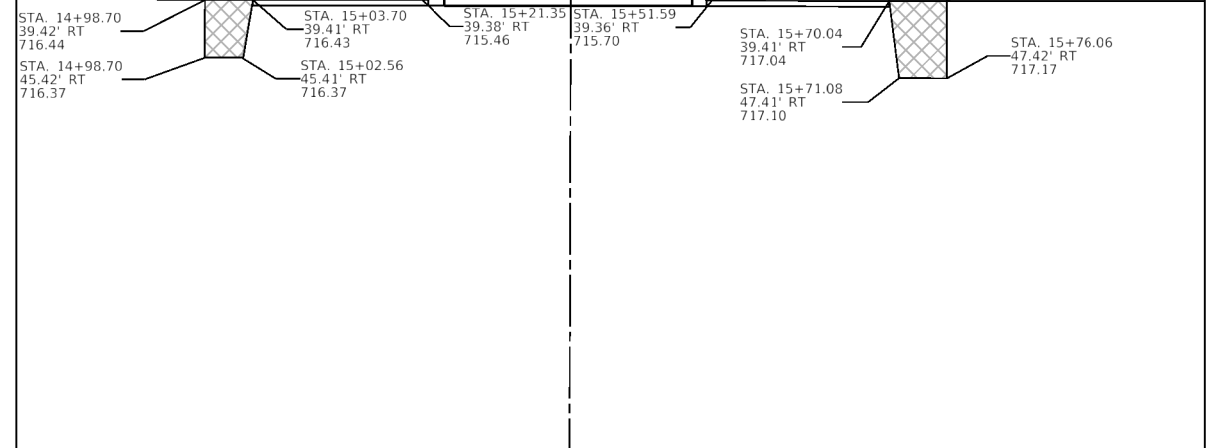
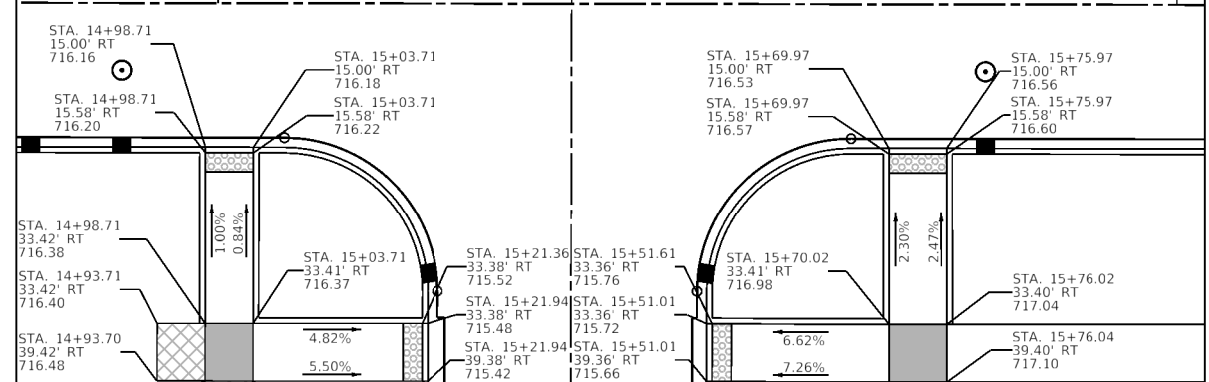
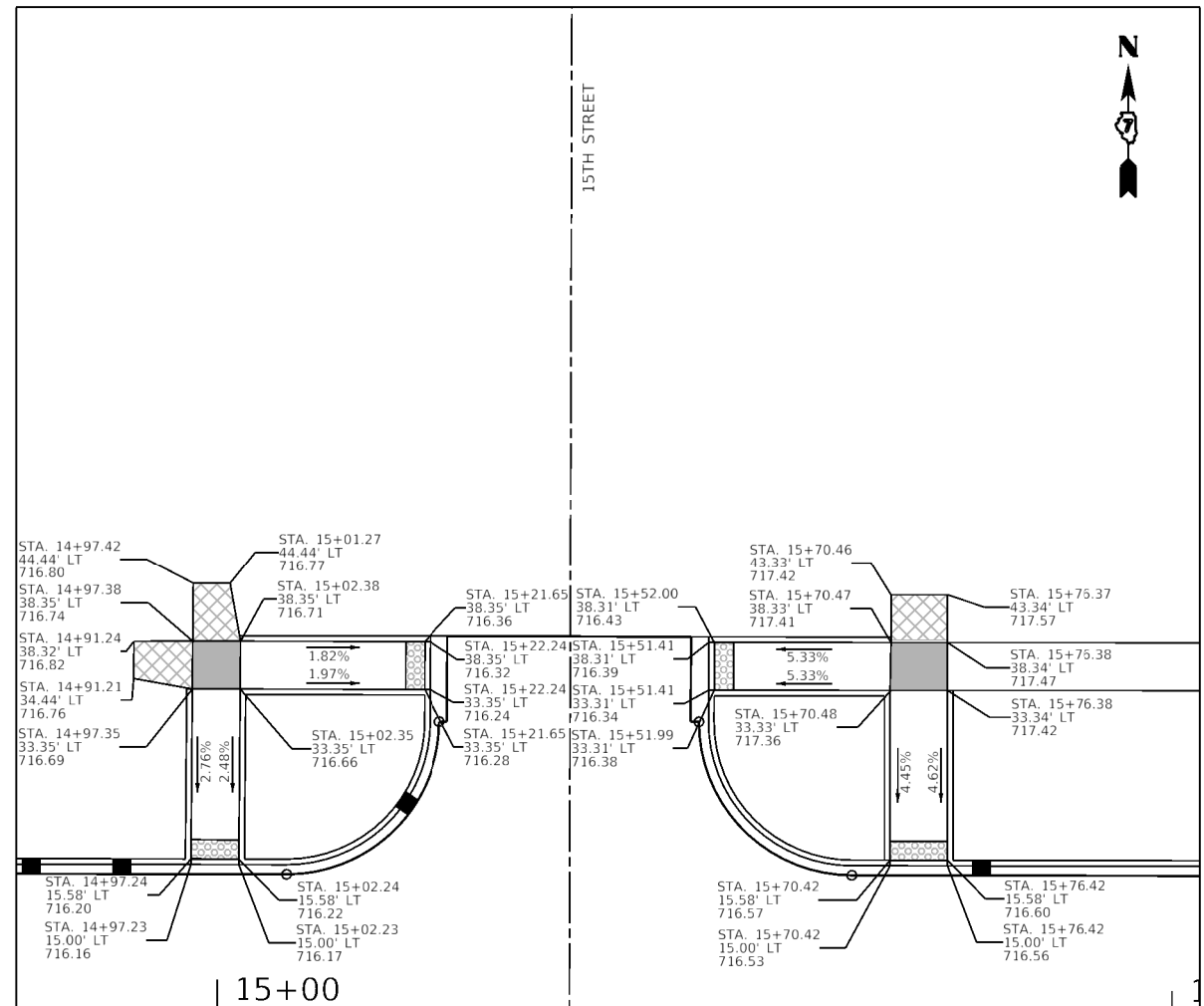
-  LANDING/TURNING SPACE PER STANDARD 424001
-  TRANSITIONAL SEGMENT
-  DETECTABLE WARNING




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		CHECKED - SAL	REVISED -
		DATE - OCT. 2019	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 31104

<b>SIDEWALK ELEVATIONS</b> <b>17TH STREET &amp;</b> <b>16TH STREET</b>	TOTAL SHEETS	SHEET NO.
	40	22



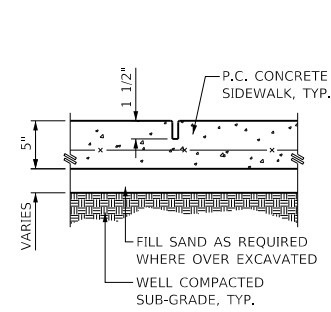
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-  TRANSITIONAL SEGMENT
-  DETECTABLE WARNING

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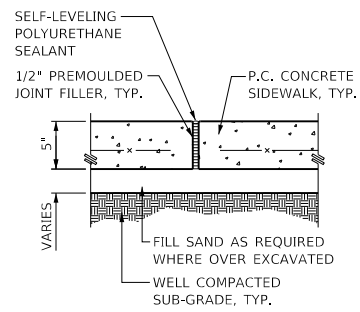
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b> 14TH STREET TO 17TH STREET CITY OF MATTOON, ILLINOIS 61938	
SCALE: 20.0000' / in.	PROJECT: 3118104

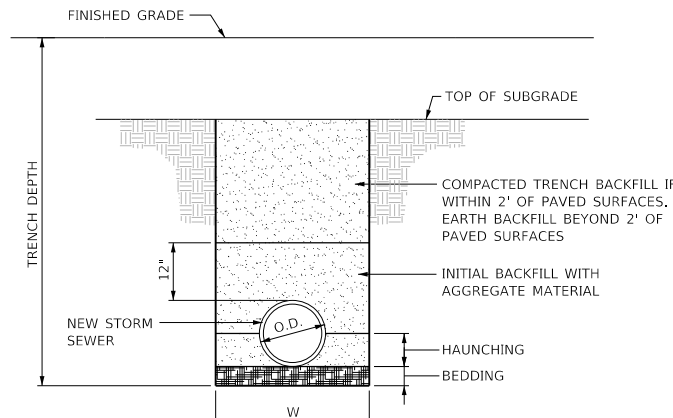
<b>SIDEWALK ELEVATIONS</b> 15TH STREET & 14TH STREET	
TOTAL SHEETS	SHEET NO.
40	23



**PCC SIDEWALK  
SAWED / TOOLED JOINT**  
SIDEWALK: 5' MAX. JOINT SPACING



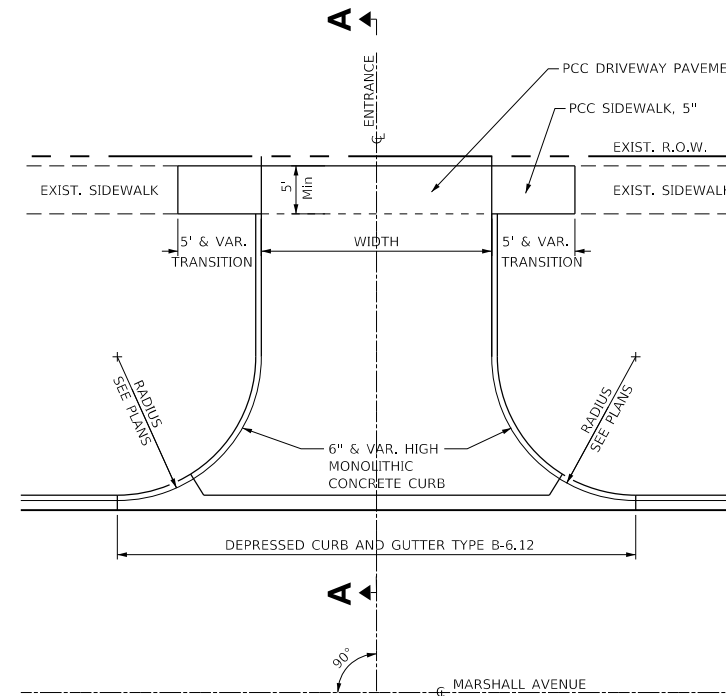
**PCC SIDEWALK  
EXPANSION JOINT**  
SIDEWALKS



$W = 9" + O.D. + 9"$  WHERE TRENCH DEPTH IS  $\leq 5'$   
 $W = 18" + O.D. + 18"$  WHERE TRENCH DEPTH IS  $> 5'$

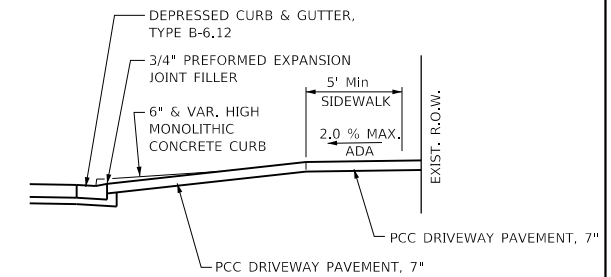
NOTE:  
BEDDING, HAUNCHING, INITIAL BACKFILL, AND TRENCH BACKFILL MATERIAL SHALL BE AGGREGATE GRADATION CA-07.

**TRENCH DETAIL**

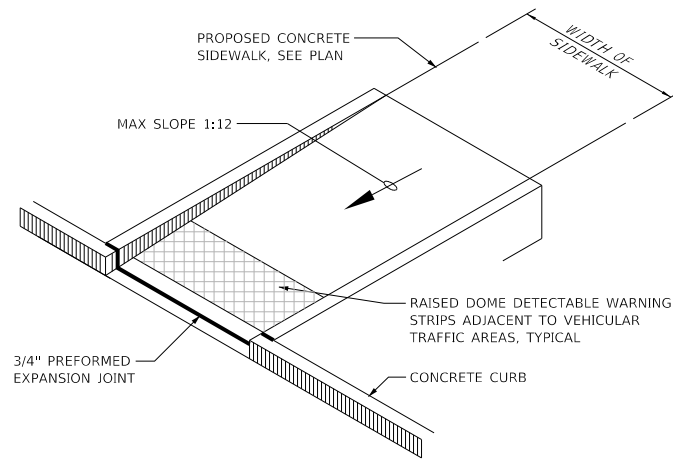


**PLAN**

**TYPICAL ENTRANCE DETAIL**

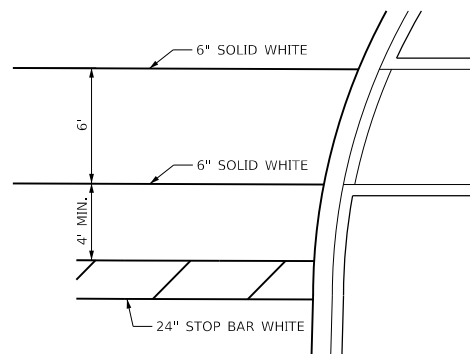


**SECTION A-A**

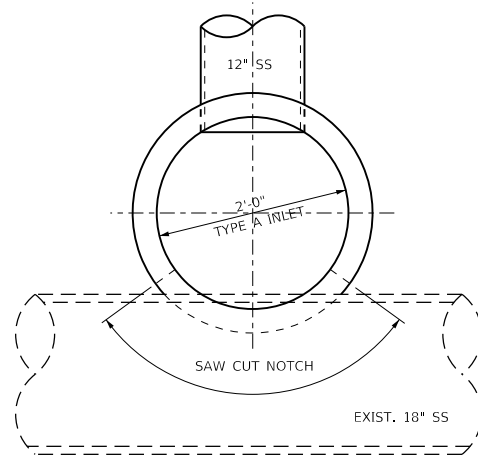


**ADA RAMP**

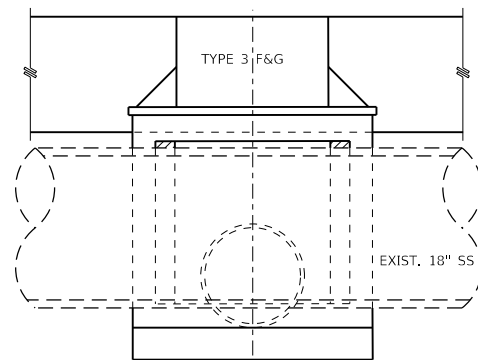
FOR ADDITIONAL INFORMATION SEE STANDARD NUMBER 424001 PERPENDICULAR CURB RAMPS



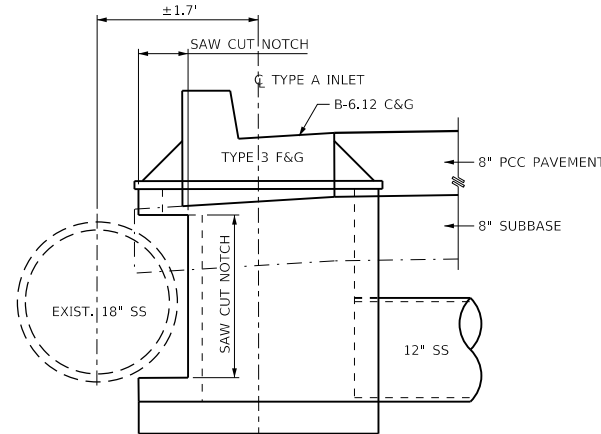
**TYPICAL CROSSWALK STRIPING**



**PLAN**



**ELEVATION**

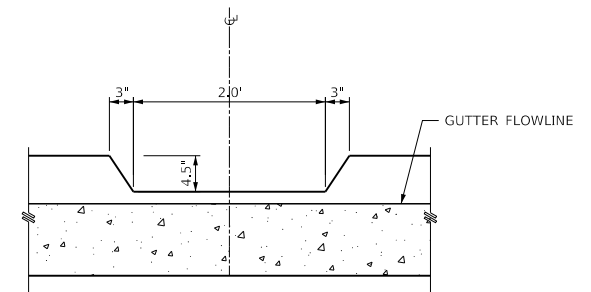


**ELEVATION**

**INLET SPECIAL DETAIL**

POTENTIALLY AT STRUCTURE NO. 46

- NOTES:
1. VERIFY DISTANCE BETWEEN EXISTING 18" STORM SEWER AND NEW TYPE A INLET.
  2. FIELD MEASURE AND SAW CUT NOTCH AND REMOVE PORTION OF NEW TYPE A INLET AS NEEDED TO ALLOW INLET TO SIT ON BASE AND CLEAR EXISTING 18" STORM SEWER.
  3. GROUT OPENING SHUT AROUND EXISTING 18" STORM SEWER AND NEW TYPE A INLET.



**CURB CUT DETAIL**

STA 14+50 RT

FILE NAME =	USER NAME = Sto34	DESIGNED - EAC	REVISED -
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	PLOT DATE = 1/14/2020	DATE - OCT, 2019	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

SCALE: 2.0000' / in.

PROJECT: 3118104

**DETAILS**

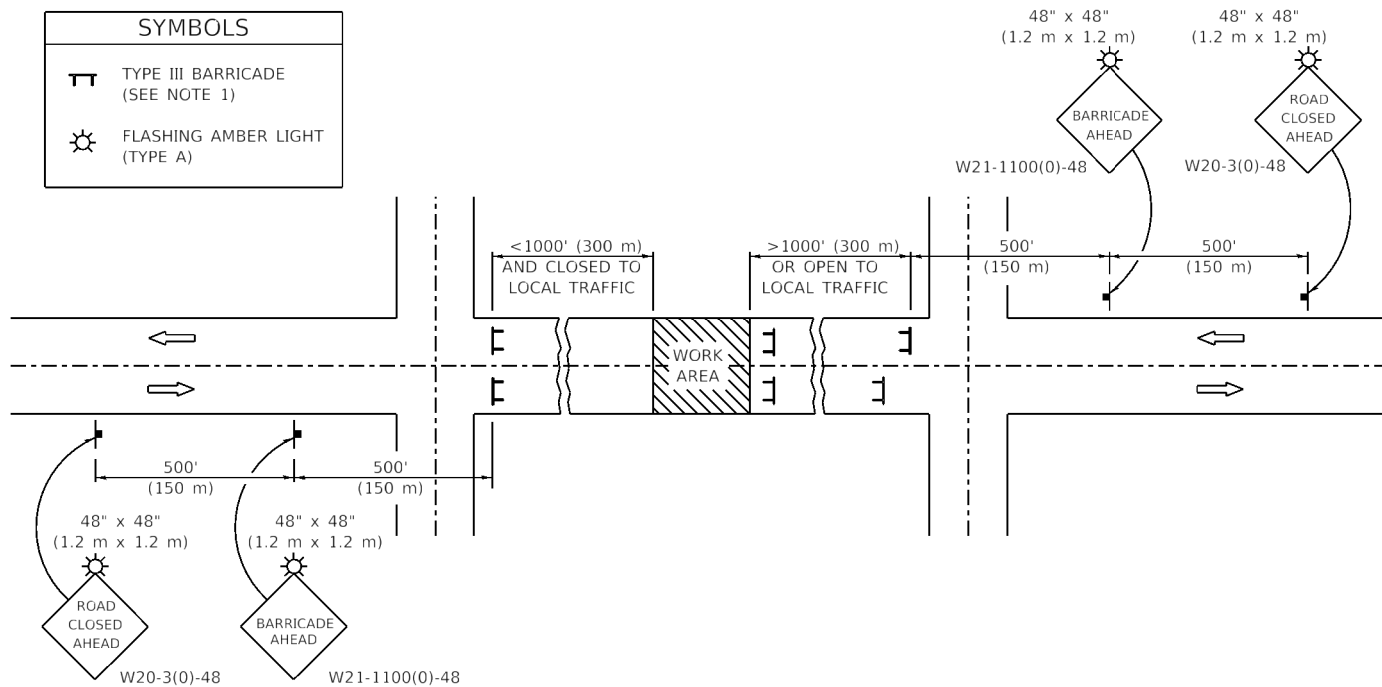
TOTAL SHEETS	SHEET NO.
40	24



# ROAD CLOSURE

# SIDEROAD / STREET CLOSURE

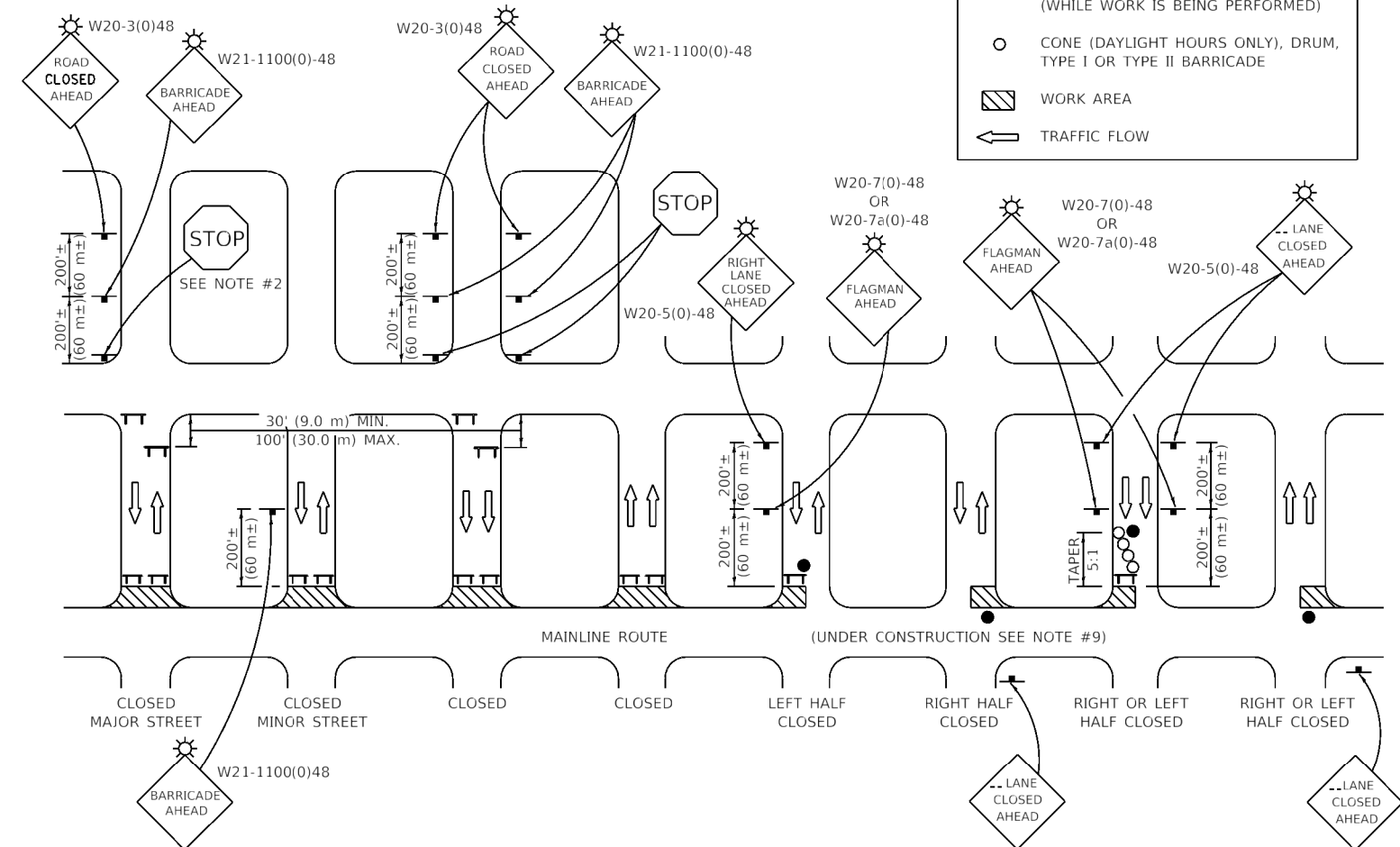
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



## GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m). ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW

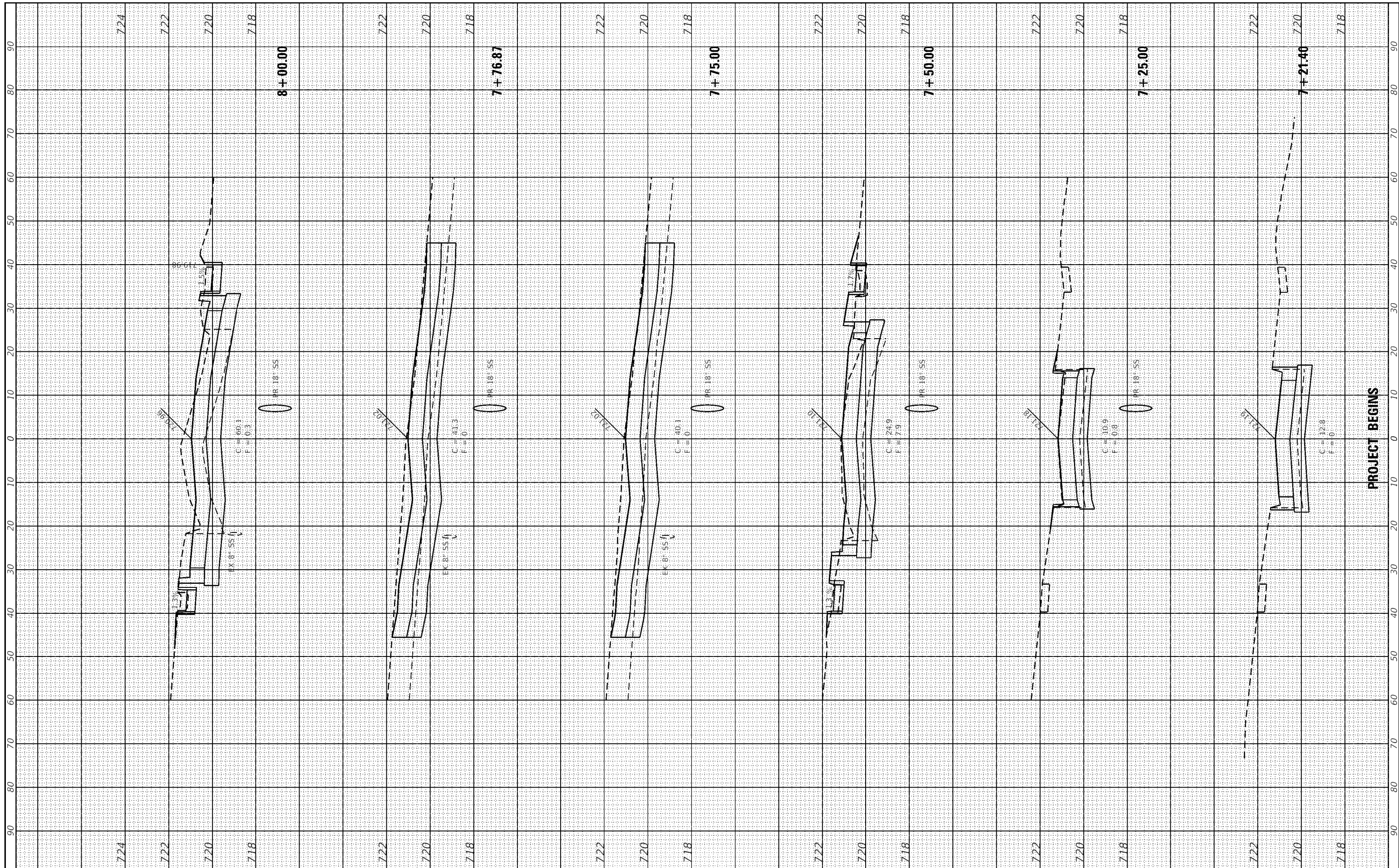


## GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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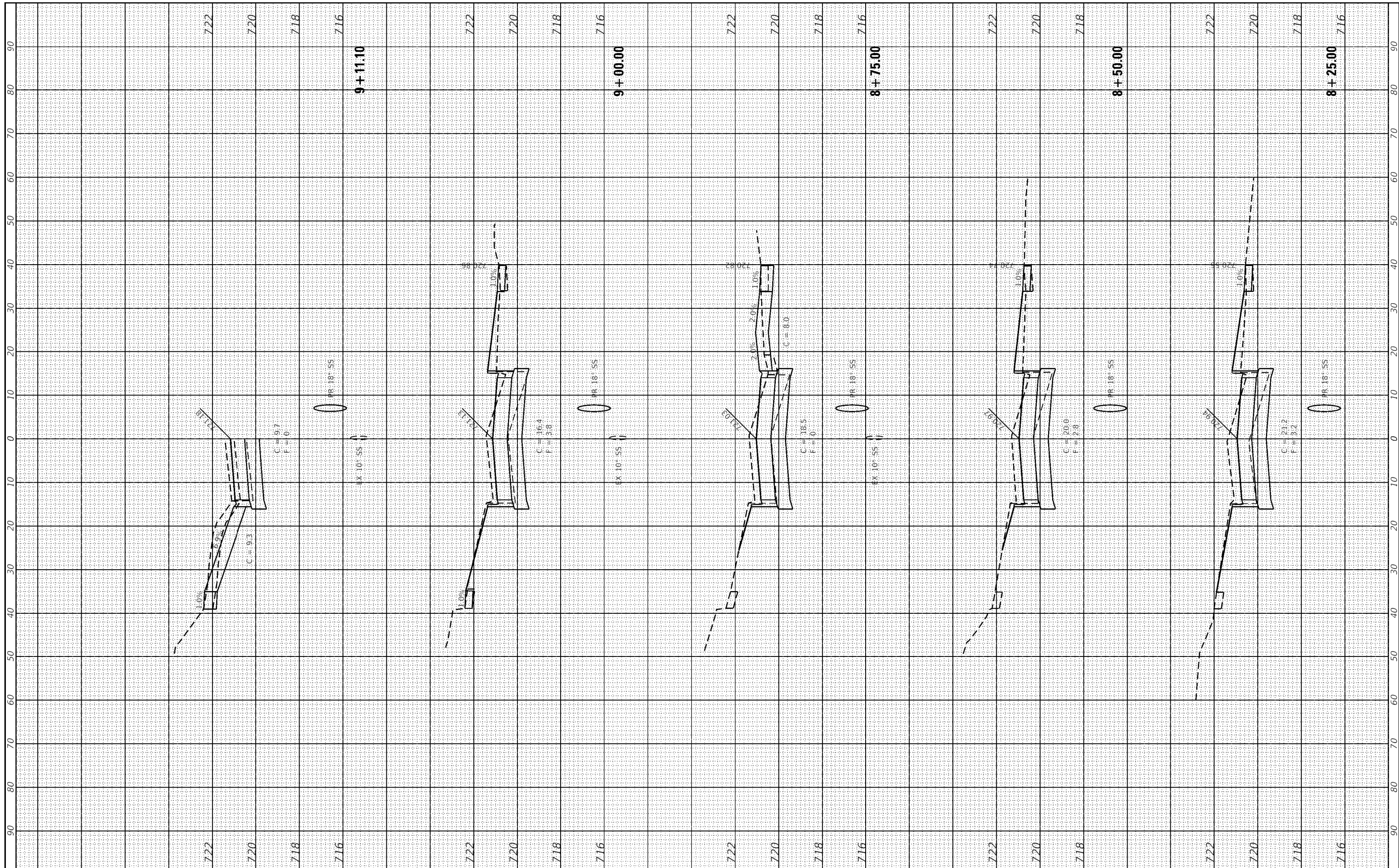
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 3</b>			
14TH STREET TO 17TH STREET			
CITY OF MATTOON, ILLINOIS 61938			
SCALE:	PROJECT: 3118104	STA. 7+21.40	TO STA. 8+00.00

<b>MARSHALL AVENUE CROSS SECTIONS</b>		TOTAL SHEETS	SHEET NO.
		40	26

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

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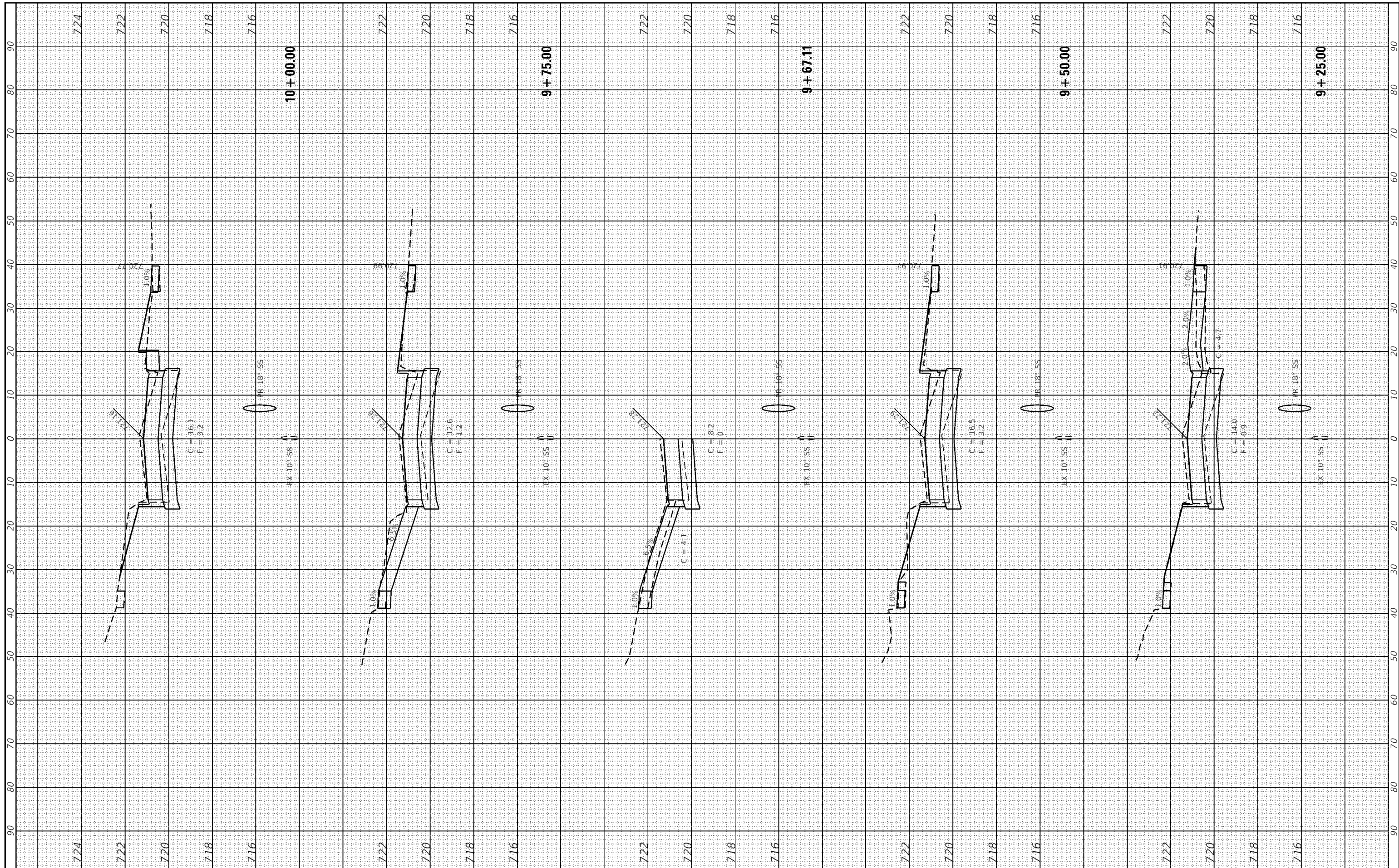
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 8+25.00 TO STA. 9+11.10

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	27

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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DESIGNED - EAC  
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 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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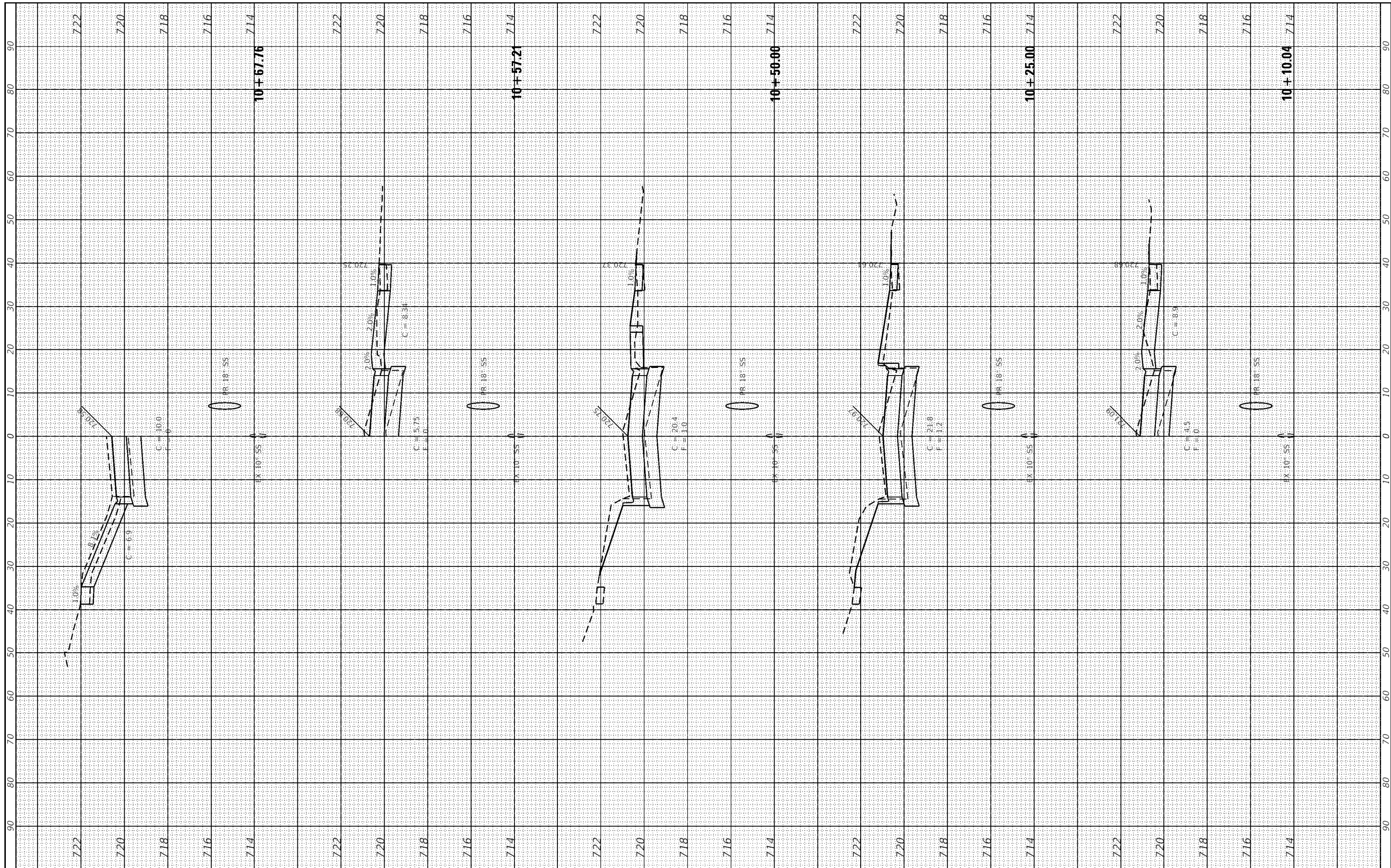
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 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
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**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	28

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
 REVISED -  
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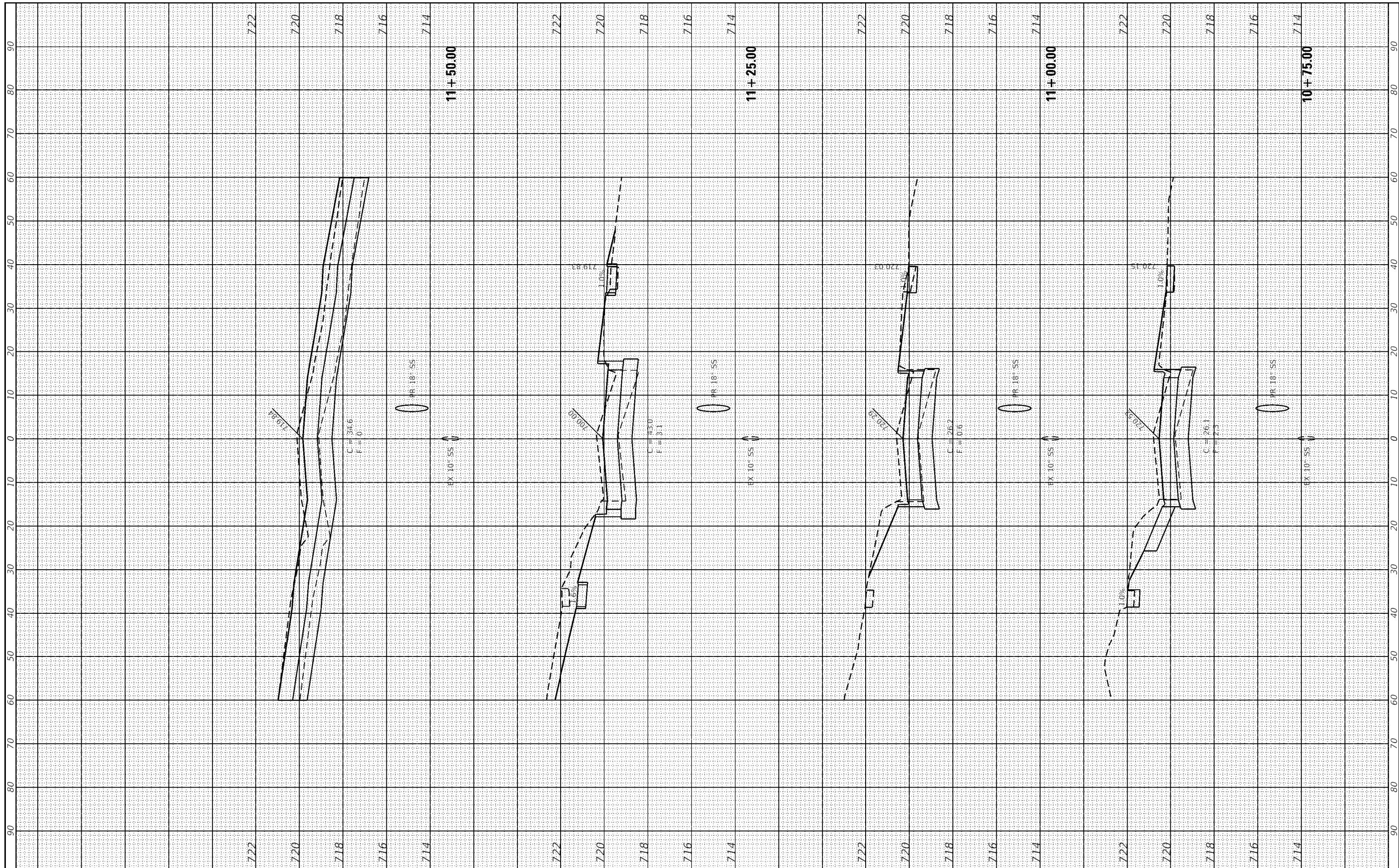
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 10+10.04 TO STA. 10+67.76

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	29

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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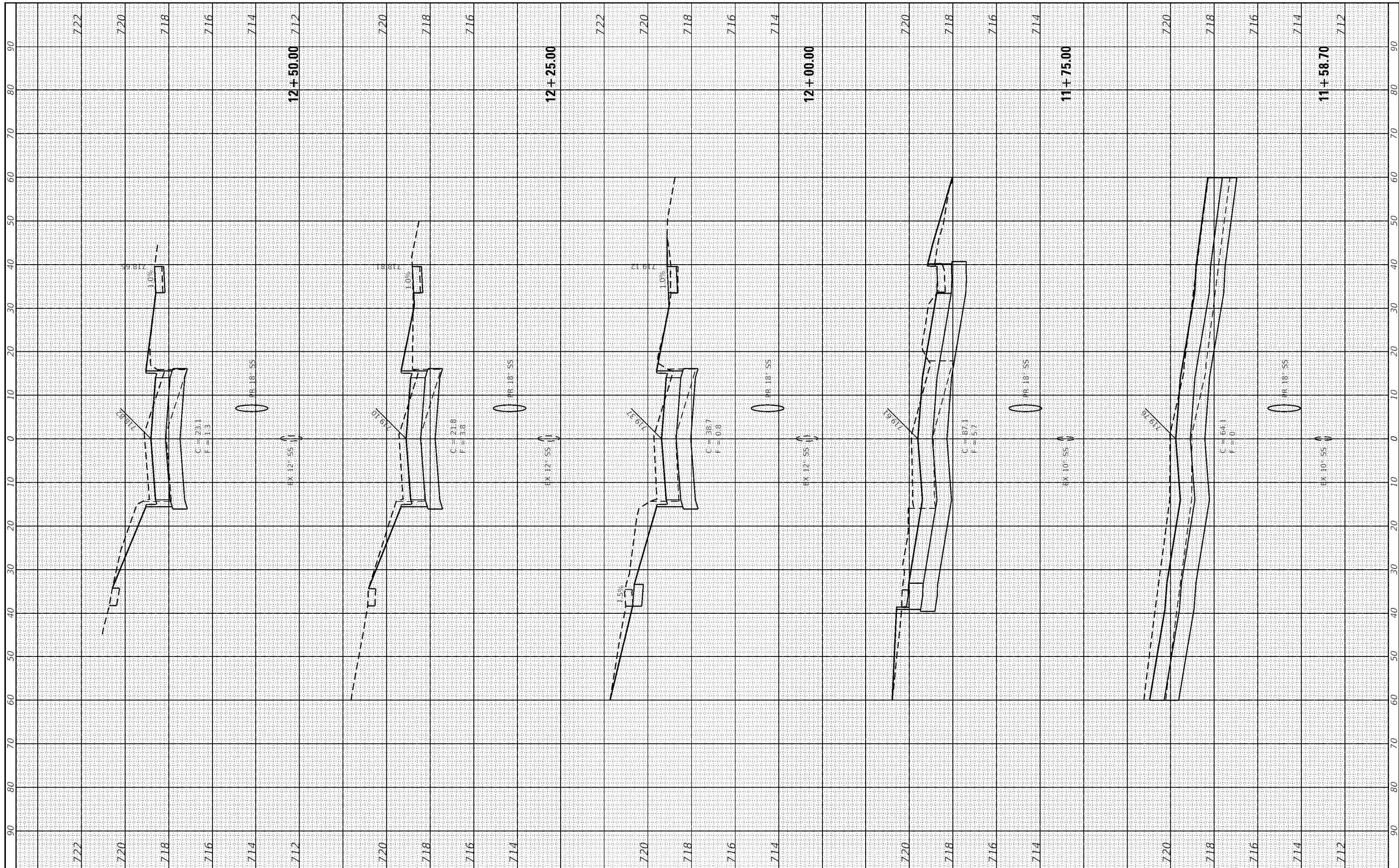
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 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 10+75.00 TO STA. 11+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	30

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



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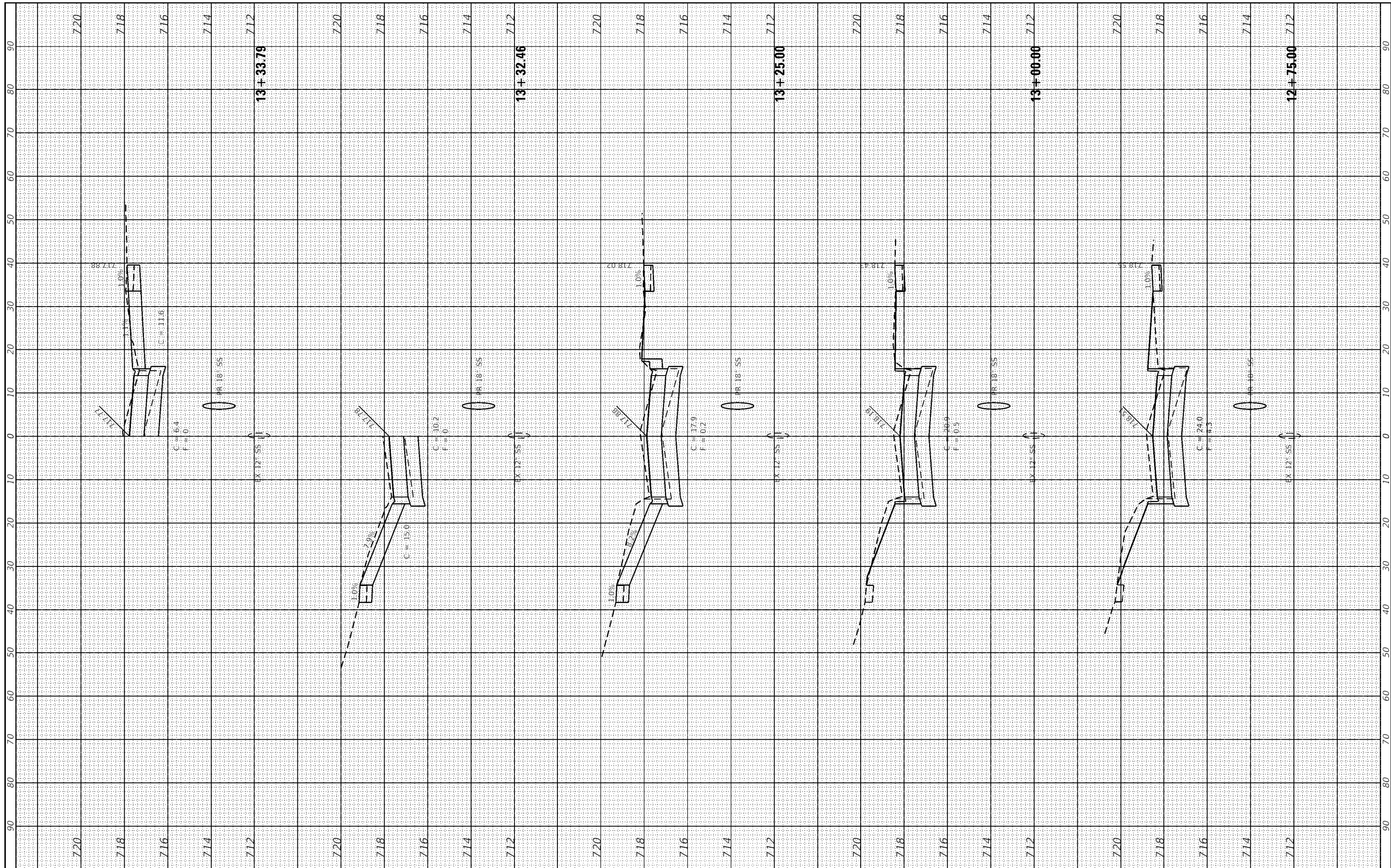
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14TH STREET TO 17TH STREET			
CITY OF MATTOON, ILLINOIS 61938			
SCALE:	PROJECT: 3118104	STA. 11+58.70	TO STA. 12+50.00

**MARSHALL AVENUE  
 CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	31

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 12+75.00 TO STA. 13+33.79

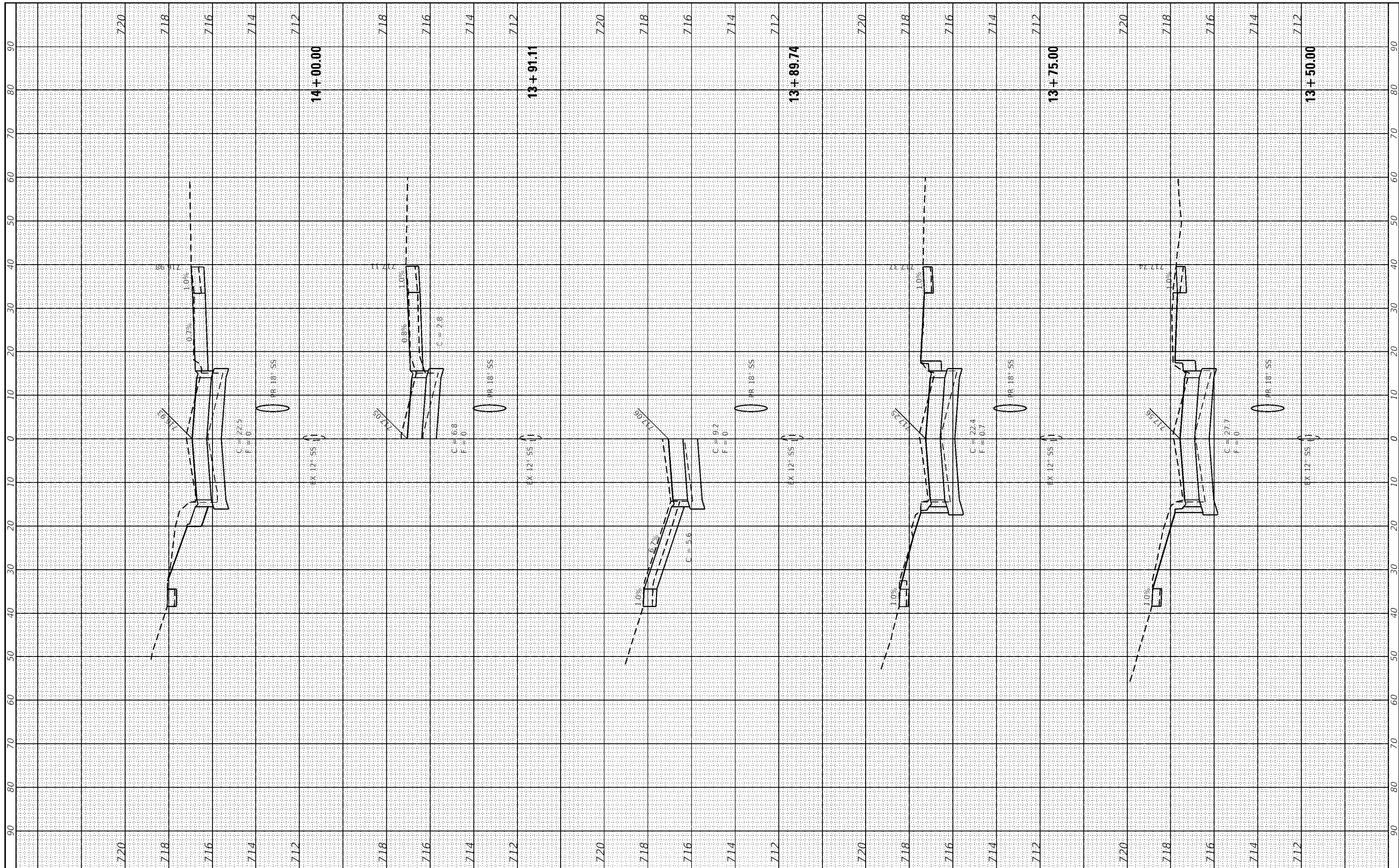
**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	32



FINAL SURVEY	SURVEYED	DATE
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NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS CHECKED	



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DESIGNED - EAC  
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 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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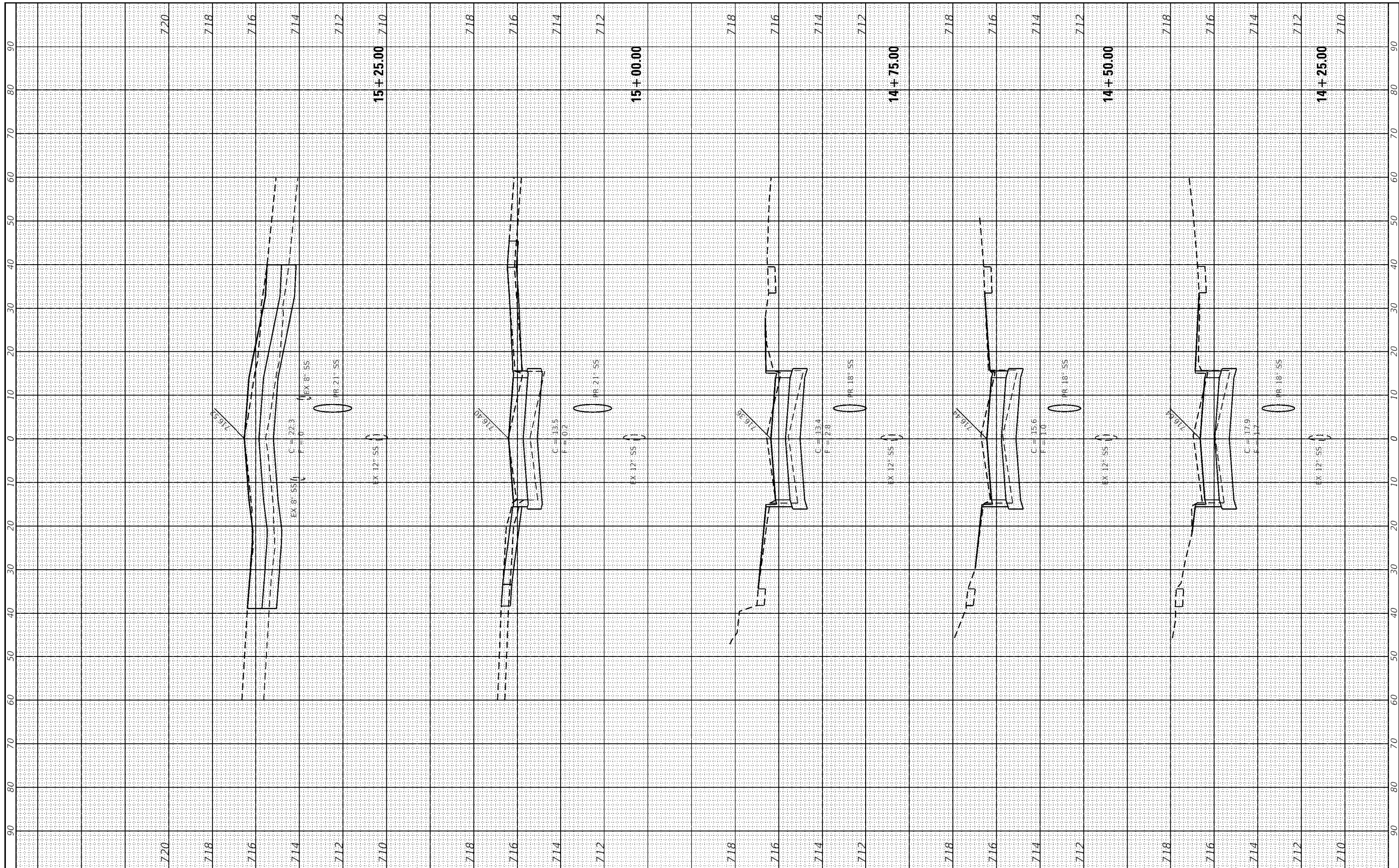
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 13+50.00 TO STA. 14+00.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	33

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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 PLOT DATE = 12/13/2019

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 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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 REVISED -

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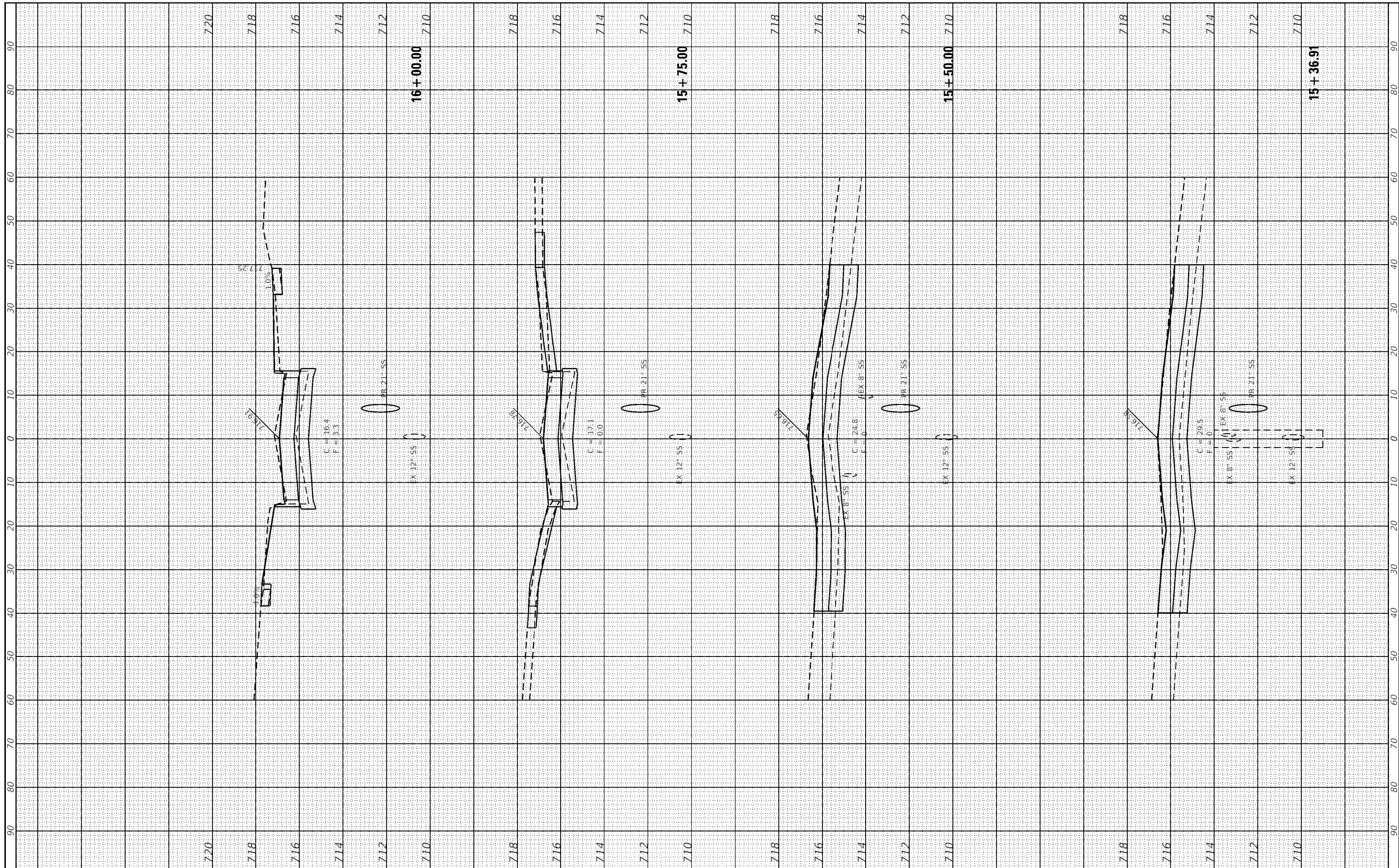
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 14+25.00 TO STA. 15+25.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	34

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = S1037	DESIGNED - EAC	REVISED -
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		DATE - OCT. 2019	REVISED -

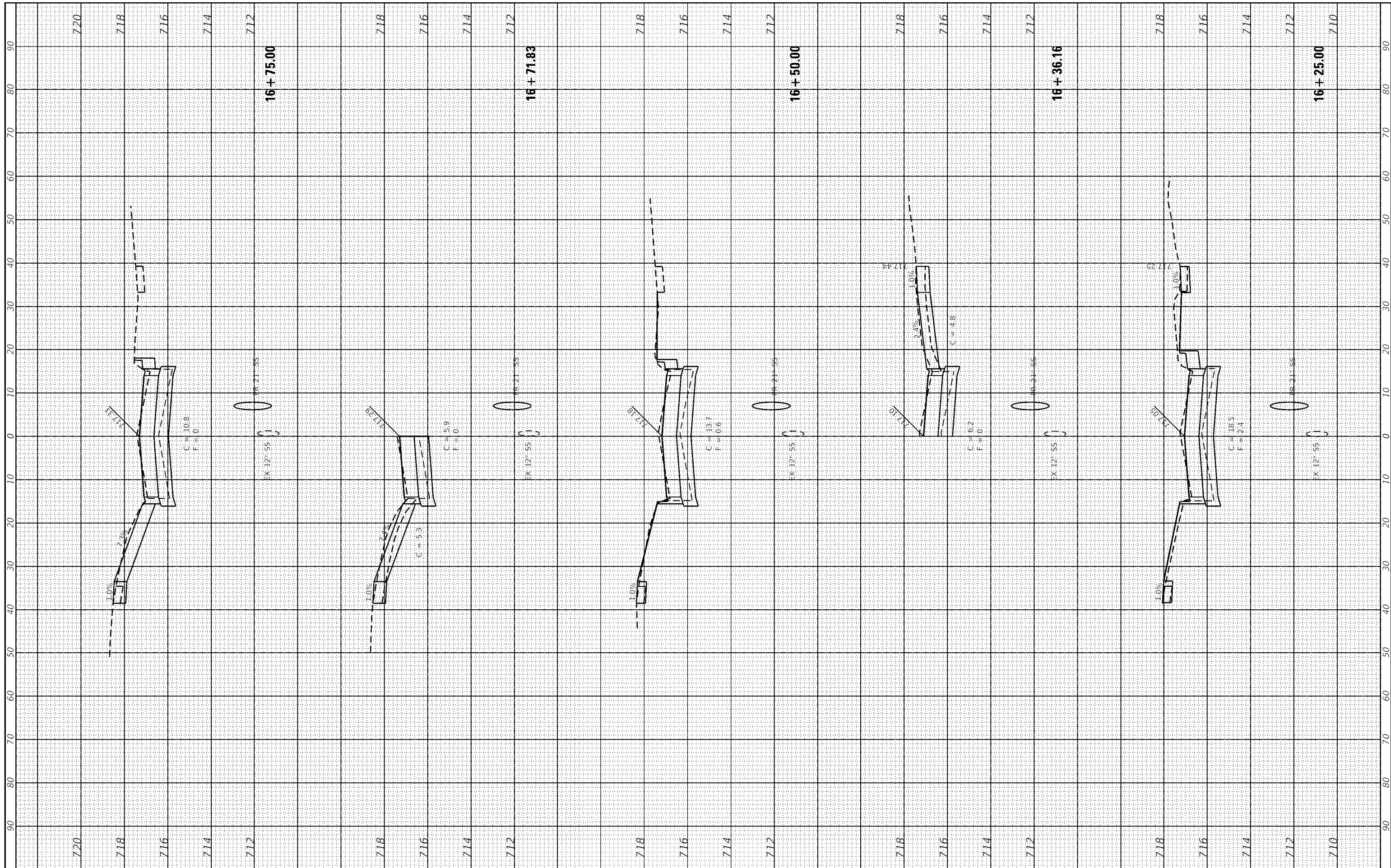
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 15+36.91 TO STA. 16+00.00

<b>MARSHALL AVENUE CROSS SECTIONS</b>		TOTAL SHEETS	SHEET NO.
		40	35

FINAL SURVEY NO.	SURVEYED	DATE
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	DATE
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		



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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

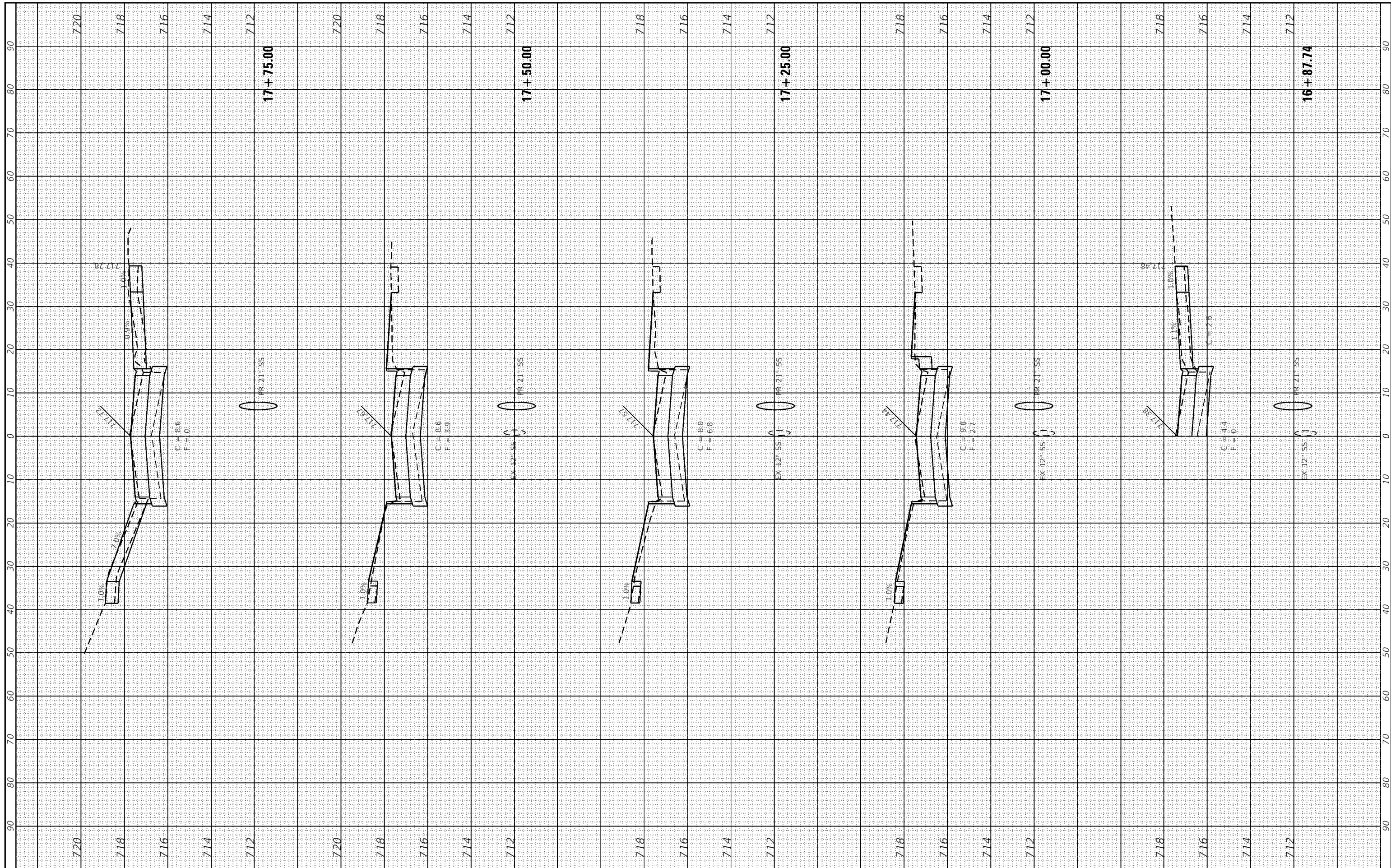
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 16+25.00 TO STA. 16+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	36

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	



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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

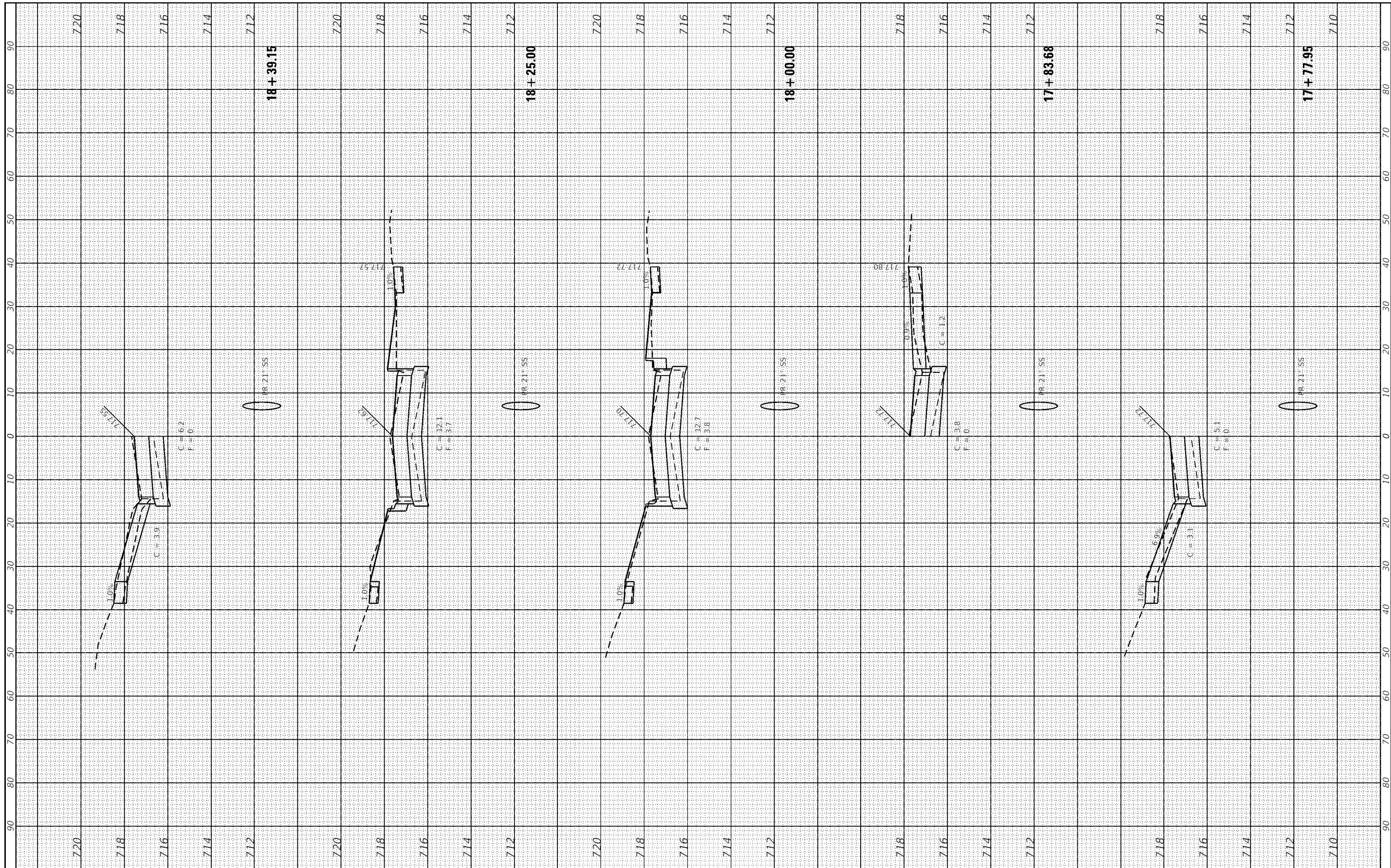
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 16+87.74 TO STA. 17+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	37

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	



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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

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**The Upchurch Group**  
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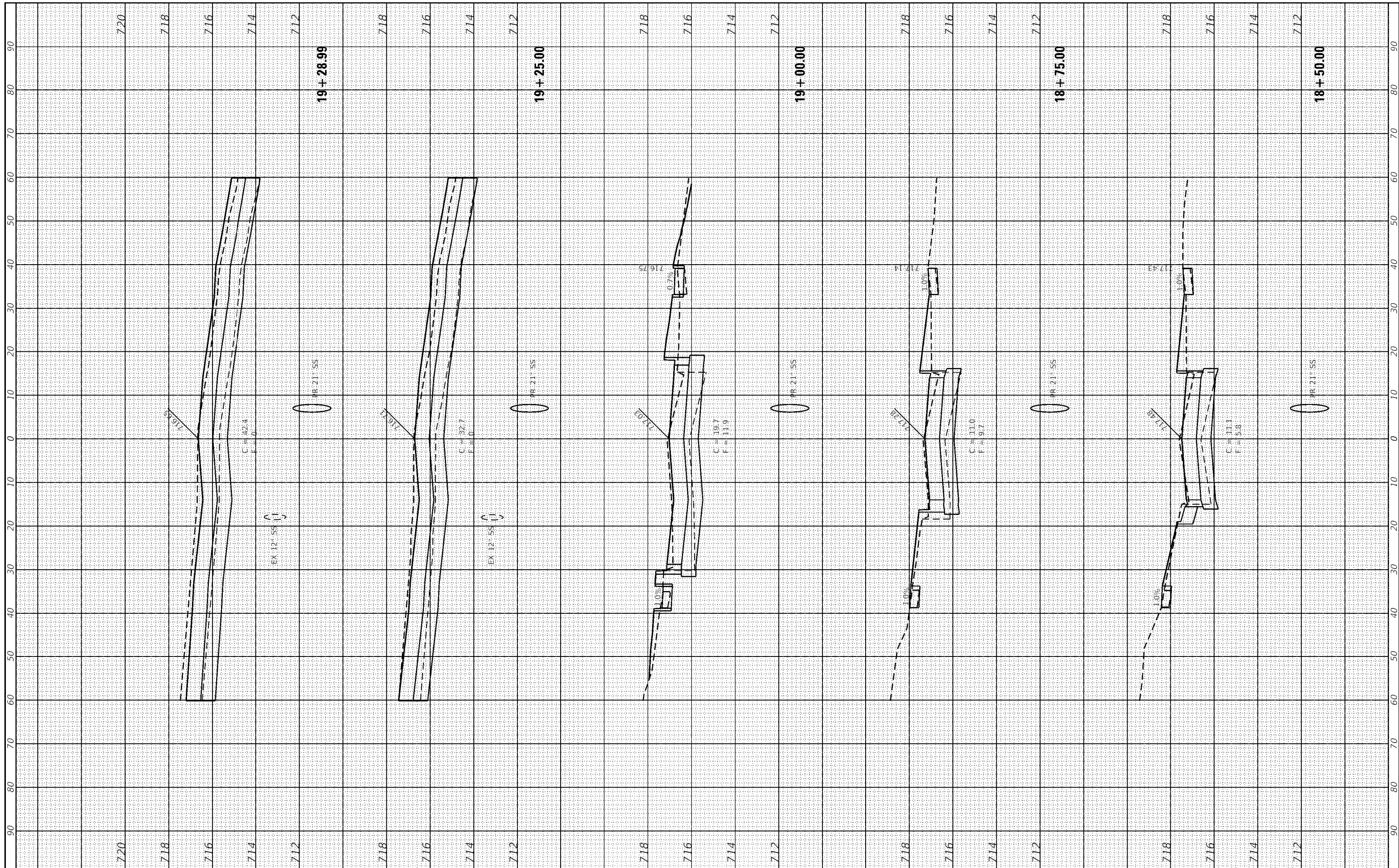
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 17+77.95 TO STA. 18+39.15

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	38

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =  
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USER NAME = S1037  
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 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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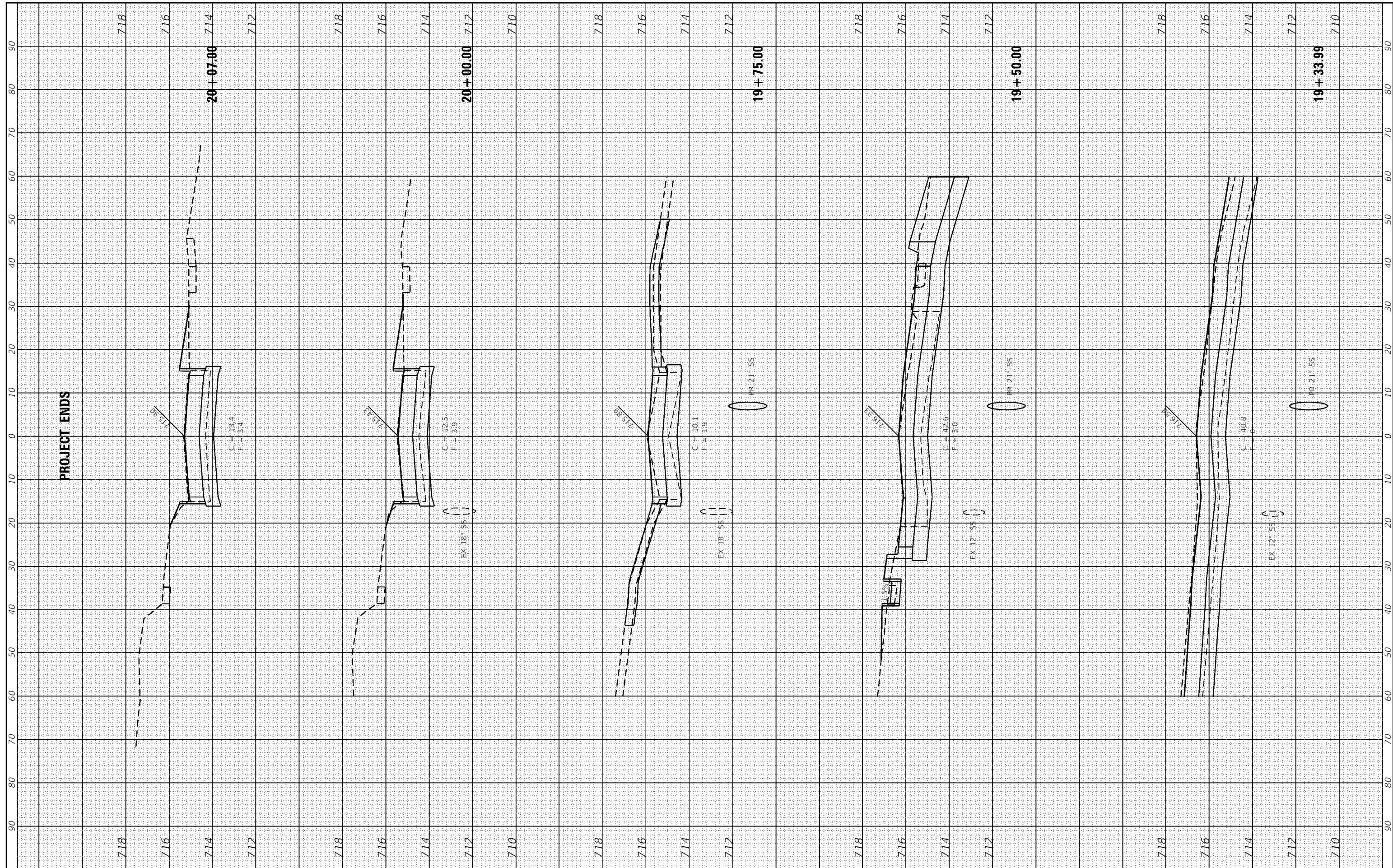
**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 18+50.00 TO STA. 19+28.99

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	39

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



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 PLOT SCALE = 28.0000' / in.  
 PLOT DATE = 12/13/2019

DESIGNED - EAC  
 DRAWN - TLW  
 CHECKED - SAL  
 DATE - OCT. 2019

REVISED -  
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**MARSHALL AVENUE RECONSTRUCTION - PHASE 3**  
 14TH STREET TO 17TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3118104 STA. 19+33.99 TO STA. 20+07.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
40	40