

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14-00266-01-PV	COLES	36	1
		ILLINOIS	CONTRACT NO. 95782	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS  
STU FUNDS**

**FAU 7676 MARSHALL AVENUE  
SECTION 14-00266-01-PV  
PROJECT M-5042(020)  
STREET REHABILITATION  
COLES COUNTY**

C-97-017-16

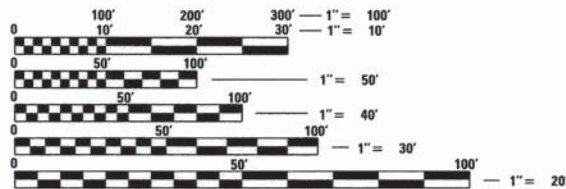
**INDEX OF SHEETS**

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- 20 - 21 SIDEWALK ELEVATION PLANS
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**LIST OF ILLINOIS DOT  
HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-08 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINF.
- 424001-08 PERPENDICULAR CURB RAMPS
- 602301-04 INLET TYPE A
- 602401-03 MANHOLE TYPE A
- 602601-04 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-04 FRAME AND LIDS TYPE 1
- 604006-05 FRAME AND GRATE TYPE 3
- 606001-06 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 LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-05 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
DESIGN ADT = 3500 (2015), 4400 (2035)  
DESIGN DHV = 350 (2015), 440 (2035)  
% TRUCKS = 3.3% (2035)



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  
PROJECT MANAGER

CONTRACT NO. 95782



BEGIN PROJECT  
STA. 37+71

END PROJECT  
STA. 49+87.76

GROSS LENGTH = 1217 FT. = 0.23 MILE  
NET LENGTH = 1217 FT. = 0.23 MILE



*Andy L. Baker* 2-18-2016  
ANDY L. BAKER DATE  
LICENSE EXPIRES 11-30-2017



APPROVED *[Signature]* 2/20/16  
LOCAL AGENCY, DIRECTOR OF PUBLIC WORKS

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PASSED *[Signature]* 2-25-2016  
DISTRICT SEVEN ENGINEER OF  
LOCAL ROADS AND STREETS

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RELEASING FOR  
LIMITED REVIEW *[Signature]* 2/25/2016  
REGION FOUR ENGINEER  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

**SUMMARY OF QUANTITIES**

CODE	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CUYD	887
25000100	SEEDING, CLASS 1	ACRE	0.50
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45
• 25100115	MULCH, METHOD 2	ACRE	0.50
28000500	INLET AND PIPE PROTECTION	EACH	24
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1172
35101400	AGGREGATE BASE COURSE, TYPE B	TON	300
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1105
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	174
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	100
42000060	WELDED WIRE REINFORCEMENT	SOYD	4579
• 42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SOYD	817
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SOFT	5384
42400800	DETECTABLE WARNINGS	SOFT	280
44000100	PAVEMENT REMOVAL	SOYD	3824
44000200	DRIVEWAY PAVEMENT REMOVAL	SOYD	537
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2344
44000600	SIDEWALK REMOVAL	SOFT	5013
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SOYD	38
55080050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	595
55080090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	785
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	14
60255500	MANHOLES TO BE ADJUSTED	EACH	5
60500040	REMOVING MANHOLES	EACH	5
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	2443
67100100	MOBILIZATION	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	141
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SOFT	282
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	304
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	396
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	141
• X2080250	TRENCH BACKFILL, SPECIAL	CUYD	371
• X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SOYD	4579
• X5510100	STORM SEWER REMOVAL	FOOT	194
• X7010222	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL)	LSUM	1
• XX000372	TEMPORARY AGGREGATE	TON	60
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
• Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	7

• SEE SPECIAL PROVISIONS Δ SPECIALTY ITEMS

**GENERAL NOTES**

- 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.
- ADJUSTMENTS OF WATERMAINS AND SERVICES SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS 6TH EDITION.
- 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.
- 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 WHATEVER 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.
- 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.
- ANY HAUL ROUTES SELECTED BY THE CONTRACTOR WITHIN THE CITY LIMITS SHALL REQUIRE PRIOR APPROVAL BY THE CITY OF MATTOON ENGINEER.
- DRIVEWAY CENTERLINES ARE PERPENDICULAR TO THE PROPOSED MARSHAL AVENUE UNLESS OTHERWISE SHOWN ON THE PLANS.
- 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.
- 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.
- 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.
- APPLICATION RATES FOR FERTILIZER FOR AREAS TO BE SEEDED SHALL BE AS FOLLOWS IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

NITROGEN FERTILIZER NUTRIENT 90 LBS/ACRE  
 PHOSPHOROUS FERTILIZER NUTRIENT 90 LBS/ACRE  
 POTASSIUM FERTILIZER NUTRIENT 90 LBS/ACRE

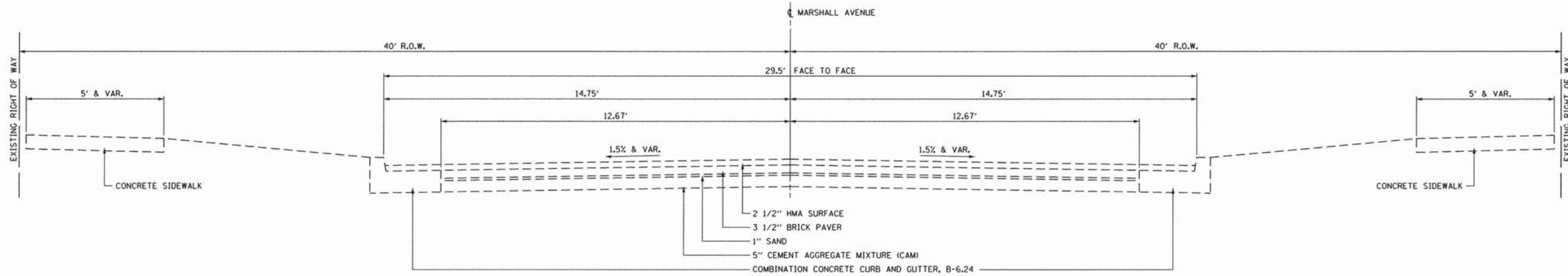
**EARTHWORK SCHEDULE**

1 LOCATION	2 EARTH EXCAVATION CU YD	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	4 EMBANKMENT CU YD	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
STA 37+70.89 TO STA 42+47.82	344	258	14	+244
STA 42+47.82 TO STA 46+28.75	403	302	1	+301
STA 46+28.75 TO STA 49+87.95	140	105	10	+95
<b>TOTAL</b>	<b>887</b>	<b>665</b>	<b>25</b>	<b>+640</b>

COLUMN 1,2,&4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS,  
 CUT = EARTH EXCAVATION FILL = EMBANKMENT

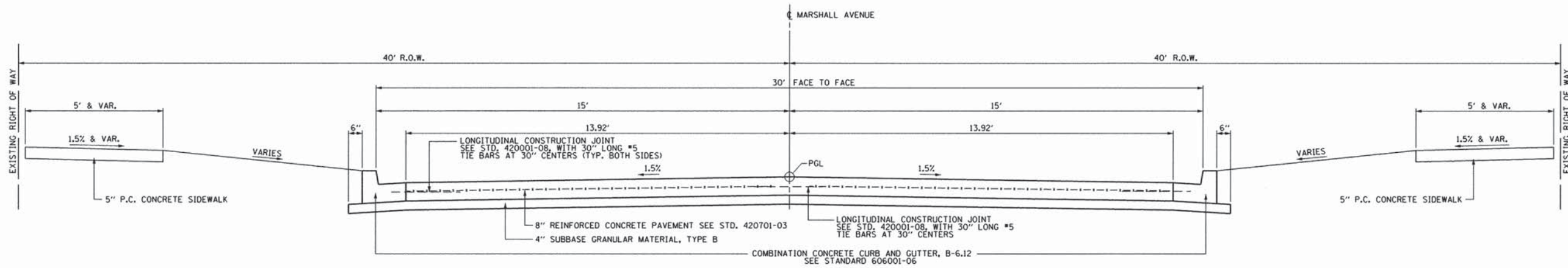
COLUMN 3 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%

COLUMN 5 - EARTHWORK BALANCE (-) = QUANTITY OF FURNISHED EXCAVATION NEEDED EARTHWORK BALANCE  
 (+) = QUANTITY OF EARTH EXCAVATION ADJUSTED FOR SHRINKAGE TO BE WASTED



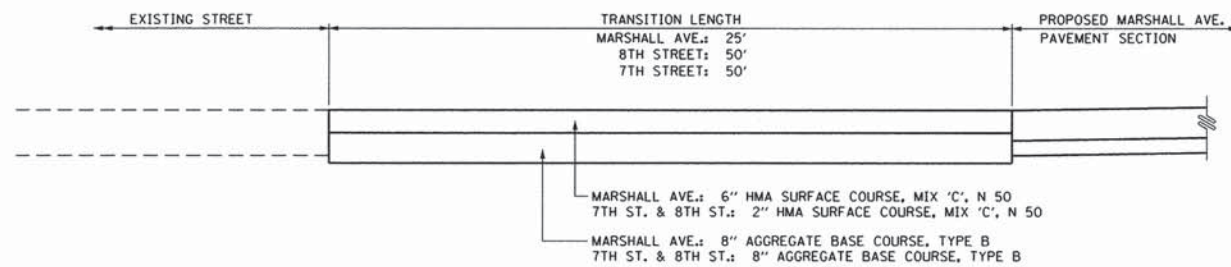
**EXISTING TYPICAL SECTION - MARSHALL AVENUE**

STA. 37+71.00 TO STA. 49+87.76



**PROPOSED TYPICAL SECTION - MARSHALL AVENUE**

STA. 37+71.00 TO STA. 49+87.76



**PROPOSED TYPICAL TRANSITION SECTION 7 TH AND 8 TH STREETS**

FILE NAME = P:\Civil\Mattoon\Marshall Ave\Drawings\TypCrossSections.dgn	USER NAME = Ste34	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 1</b> 6TH STREET TO 9TH STREET CITY OF MATTOON, ILLINOIS 61938 SCALE: 1:0000' / 1"	<b>TYPICAL SECTIONS</b> PROJECT: 3115113	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:0000' / 1"	DRAWN -	REVISED -	36				3	
PLOT DATE = 2/18/2016	CHECKED -	REVISED -						
DATE -	REVISED -	REVISED -						

ITEM NO: 31101000 DESCRIPTION: SUBBASE GRANULAR MATERIAL, TYPE B UNIT: TON										
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	DEPTH (IN)	QUANTITY (TON)	TOTAL
	STATION	SIDE	STATION	SIDE						
MARSHALL AVE.	37+96.00	LT,RT	49+87.76	LT,RT	1191.76	28.0	33369.28	4	844.53	844.53
9TH ST. INTER.							3339.04	4	84.51	949.04
8TH ST. INTER.							2040.56	4	51.64	980.68
7TH ST. INTER.							2040.52	4	51.64	1032.32
6TH ST. INTER.							413.66	4	10.47	1042.79
CURB & GUTTER					2442.8	2.08	5081.07	4	128.59	1171.39
										1172.00

ITEM NO: 35101400 DESCRIPTION: AGGREGATE BASE COURSE, TYPE B UNIT: TON										
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	DEPTH (IN)	QUANTITY (TON)	TOTAL
	STATION	SIDE	STATION	SIDE						
MARSHALL AVE.	37+71.00	LT,RT	37+96.00	LT,RT	25.0	30.0	750.00	8	37.96	37.96
9TH ST. INTER.							0	-	-	37.96
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			2484.58	8	125.76	163.72
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			2293.29	8	116.08	279.80
6TH ST. INTER.							270.51	10	20.54	300.34
										300.00

ITEM NO: 40603310 DESCRIPTION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N 50 UNIT: TON										
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	DEPTH (IN)	QUANTITY (TON)	TOTAL
	STATION	SIDE	STATION	SIDE						
MARSHALL AVE.	37+71.00	LT,RT	37+96.00	LT,RT	25.0	30.0	750.00	6	28.00	28.00
9TH ST. INTER.							0	-	-	28.00
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			2484.58	2	30.94	58.94
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			2293.29	2	38.54	97.48
										100.00

ITEM NO: X4200408 DESCRIPTION: PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL UNIT: SOYD									
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	QUANTITY (SOYD)	TOTAL
	STATION	SIDE	STATION	SIDE					
MARSHALL AVE.	37+96.00	LT,RT	49+87.76	LT,RT	1191.76	28	33369.28	3707.70	3707.70
9TH ST. INTER.	38+42.06	LT,RT	38+84.06	LT,RT			3339.04	371.00	4078.70
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			2040.56	226.73	4305.43
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			2040.52	226.72	4532.15
6TH ST. INTER.							413.66	45.96	4578.11
									4579.00

ITEM NO: 42000060 DESCRIPTION: WELDED WIRE REINFORCEMENT UNIT: SOYD									
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	QUANTITY (SOYD)	TOTAL
	STATION	SIDE	STATION	SIDE					
MARSHALL AVE.	37+96.00	LT,RT	49+87.76	LT,RT	1191.76	28	33369.28	3707.70	3707.70
9TH ST. INTER.	38+42.06	LT,RT	38+84.06	LT,RT			3339.04	371.00	4078.70
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			2040.56	226.73	4305.43
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			2040.52	226.72	4532.15
6TH ST. INTER.							413.66	45.96	4578.11
									4579.00

ITEM NO: 44000100 DESCRIPTION: PAVEMENT REMOVAL UNIT: SOYD									
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	QUANTITY (SOYD)	TOTAL
	STATION	SIDE	STATION	SIDE					
MARSHALL AVE.	37+96.00	LT,RT	49+87.76	LT,RT	1191.76	25.34	30199.20	3355.47	3355.47
9TH ST. INTER.	38+42.06	LT,RT	38+84.06	LT,RT			2886.68	320.74	3676.21
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			387.97	43.11	3719.32
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			384.69	42.74	3762.06
6TH ST. INTER.							549.56	61.06	3823.12
									3824.00

ITEM NO: 42300300 DESCRIPTION: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7" UNIT: SOYD									
LOCATION	STATION	SIDE	LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	QUANTITY (SOYD)	TOTAL		
								MARSHALL AVE.	39+31.32
"	39+63.46	LT			313.98	34.89	79.90		
"	40+55.83	LT			572.64	63.63	143.53		
"	41+12.29	LT			309.41	34.38	177.91		
"	43+87.01	LT			634.73	70.53	248.44		
"	44+92.95	LT			325.99	36.22	284.66		
"	47+61.03	LT			330.90	36.77	321.43		
"	39+70.63	RT			553.54	61.50	382.93		
"	40+18.28	RT			432.75	48.08	431.01		
"	41+11.46	RT			335.89	37.32	468.33		
"	42+00.80	RT			332.81	36.98	505.31		
"	43+92.78	RT			333.6	37.07	542.38		
"	44+33.35	RT			488.67	54.30	596.68		
"	45+41.52	RT			472.99	52.55	649.23		
"	47+22.89	RT			329.33	36.59	685.82		
"	47+74.55	RT			327.75	36.42	722.24		
"	48+30.91	RT			515.98	57.33	779.57		
"	48+77.18	RT			329.20	36.58	816.15		
							817.00		

ITEM NO: 44000200 DESCRIPTION: DRIVEWAY PAVEMENT REMOVAL UNIT: SOYD									
LOCATION	STATION	SIDE	LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	QUANTITY (SOYD)	TOTAL		
								MARSHALL AVE.	39+31.32
"	39+63.46	LT			269.66	29.96	69.95		
"	40+55.83	LT			544.18	60.46	130.41		
"	41+12.29	LT			257.80	28.64	159.05		
"	43+87.01	LT			430.87	47.87	206.92		
"	44+92.95	LT			250.04	27.78	234.70		
"	47+61.03	LT			181.82	20.20	254.90		
"	39+70.63	RT			251.05	27.89	282.79		
"	40+18.28	RT			152.86	16.98	299.77		
"	41+11.46	RT			56.95	6.33	306.10		
"	42+00.80	RT			29.90	3.32	309.42		
"	43+35.00	RT			21.55	2.39	311.81		
"	43+92.78	RT			42.01	4.67	316.48		
"	44+33.35	RT			291.95	32.44	348.92		
"	45+41.52	RT			460.36	51.15	400.07		
"	47+22.89	RT			261.11	29.01	429.08		
"	47+74.55	RT			236.62	26.29	455.37		
"	48+30.91	RT			496.79	55.20	510.57		
"	48+77.18	RT			232.89	25.88	536.45		
							537.00		

ITEM NO: 42400200 DESCRIPTION: PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH UNIT: SOFT										
LOCATION	BEGIN		END		WALK (SOFT)	RAMPS (SOFT)	QUANTITY (SOFT)	TOTAL		
	STATION	SIDE	STATION	SIDE						
MARSHALL AVE.	38+84.04	RT	42+15.80	RT	1579.03	-	1579.03	1579.03		
9TH ST. INTER.	NW QUAD.	LT			109.45	25.00	134.45	1713.48		
*	NE QUAD.	LT			99.51	98.05	197.56	1911.04		
*	SW QUAD.	RT			93.94	27.83	121.77	2032.81		
*	SE QUAD.	RT			129.78	30.00	159.78	2192.59		
ALONG DRIVE EDGES										
	39+31.32	LT					54.09	2246.68		
	39+63.46	LT					54.52	2301.20		
	40+55.83	LT					40.22	2341.42		
	41+12.29	LT					39.73	2381.15		
8TH ST. INTER.	NW QUAD.	LT			177.54	64.33	241.87	2623.02		
*	NE QUAD.	LT			125.38	338.74	464.12	3087.14		
*	SW QUAD.	RT			145.12	70.02	215.14	3302.28		
*	SE QUAD.	RT			182.85	25.00	207.85	3510.13		
ALONG DRIVE EDGES										
	43+87.01	LT					63.03	3573.16		
	43+92.78	RT					49.39	3622.55		
	44+33.35	RT					49.98	3672.53		
	44+92.95	LT					60.11	3732.64		
	45+41.62	RT					49.51	3782.15		
7TH ST. INTER.	NW QUAD.	LT			182.34	25.00	207.34	3989.49		
*	NE QUAD.	LT			189.02	25.00	214.02	4203.51		
*	SW QUAD.	RT			186.65	48.52	235.17	4438.68		
*	SE QUAD.	RT			192.98	25.00	217.98	4656.66		
ALONG DRIVE EDGES										
	47+22.89	RT					49.35	4706.01		
	47+61.03	LT					40.74	4746.75		
	47+74.55	RT					48.08	4794.83		
	48+30.91	RT					62.12	4856.95		
	48+77.18	RT					48.32	4905.27		
6TH ST. INTER.	NW QUAD.	LT			126.19	88.24	214.43	5119.70		
*	SW QUAD.	RT			126.95	137.26	264.21	5383.91		
								5384.00		

ITEM NO: 42400800 DESCRIPTION: DETECTABLE WARNINGS UNIT: SOFT											
LOCATION	BEGIN		END		RAMPS (NO.)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SOFT)	TOTAL		
	STATION	SIDE	STATION	SIDE							
9TH ST. INTER.	NW QUAD.	LT			2	5	2	20	20		
*	NE QUAD.	LT			2	5	2	20	40		
*	SW QUAD.	RT			2	5	2	20	60		
*	SE QUAD.	RT			2	5	2	20	80		
8TH ST. INTER.	NW QUAD.	LT			2	5	2	20	100		
*	NE QUAD.	LT			2	5	2	20	120		
*	SW QUAD.	RT			2	5	2	20	140		
*	SE QUAD.	RT			2	5	2	20	160		
7TH ST. INTER.	NW QUAD.	LT			2	5	2	20	180		
*	NE QUAD.	LT			2	5	2	20	200		
*	SW QUAD.	RT			2	5	2	20	220		
*	SE QUAD.	RT			2	5	2	20	240		
6TH ST. INTER.	NW QUAD.	LT			2	5	2	20	260		
*	SW QUAD.	RT			2	5	2	20	280		
									280		

ITEM NO: 40600275 DESCRIPTION: BITUMINOUS MATERIALS (PRIME COAT) UNIT: POUND										
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	AREA (SOYD)	QUANTITY (GAL)	TOTAL (LBS)
	STATION	SIDE	STATION	SIDE						
8TH ST. INTER.	42+33.73	LT,RT	42+61.73	LT,RT			2484.58	276.06	69.02	575
7TH ST. INTER.	46+14.66	LT,RT	46+42.66	LT,RT			2293.29	254.81	63.70	530
										1105

ITEM NO: 40600290 DESCRIPTION: BITUMINOUS MATERIALS (TACK COAT) UNIT: POUND										
LOCATION	BEGIN		END		LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	AREA (SOYD)	QUANTITY (GAL)	TOTAL
	STATION	SIDE	STATION	SIDE						
MARSHALL AVE.	37+71.00	LT,RT	37+96.00	LT,RT	25.0	30.0	750.00	83.33	20.83	174
										174

ITEM NO: XX000372 DESCRIPTION: TEMPORARY AGGREGATE UNIT: TON										
LOCATION	STATION	SIDE	LENGTH (FT.)	WIDTH (FT.)	AREA (SQFT)	DEPTH (FT)	QUANTITY (TON)	TOTAL		
									MARSHALL AVE.	41+12.29
*	43+87.01	LT			60.0	1.0	4.56	9.12		
*	44+92.95	LT			60.0	1.0	4.56	13.68		
*	47+61.03	LT			60.0	1.0	4.56	18.24		
*	41+11.46	RT			60.0	1.0	4.56	22.80		
*	42+00.80	RT			60.0	1.0	4.56	27.36		
*	43+92.78	RT			60.0	1.0	4.56	31.92		
*	44+33.35	RT			60.0	1.0	4.56	36.48		
*	45+41.52	RT			60.0	1.0	4.56	41.04		
*	47+22.89	RT			60.0	1.0	4.56	45.6		
*	47+74.55	RT			60.0	1.0	4.56	50.16		
*	48+30.91	RT			60.0	1.0	4.56	54.72		
*	48+77.18	RT			60.0	1.0	4.56	59.28		
								60.00		

ITEM NO: 44000500 DESCRIPTION: COMBINATION CURB AND GUTTER REMOVAL UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
MARSHALL AVE.	37+96.00	14.70' LT	38+42.88	50.91' LT	73.57	73.57
*	38+83.00	52.06' LT	39+15.11	14.70' LT	57.95	131.52
*	39+15.11	14.70' LT	42+32.71	20.87' LT	321.14	452.66
*	42+61.76	20.79' LT	46+14.86	20.70' LT	360.10	812.76
*	46+44.32	20.78' LT	49+86.56	45.05' LT	361.35	1174.11
*	37+96.00	14.67' RT	38+46.90	50.70' RT	70.25	1244.36
*	39+82.97	50.33' RT	39+14.09	14.62' RT	54.41	1298.77
*	39+14.09	14.62' RT	42+32.47	20.93' RT	321.28	1620.05
*	42+61.73	20.55' RT	46+14.98	20.75' RT	360.31	1980.36
*	46+48.58	14.75' RT	49+86.96	45.10' RT	362.85	2343.21
						2344.00

ITEM NO: 60603800 DESCRIPTION: COMBINATION CURB AND GUTTER, TYPE B-6.12 UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
MARSHALL AVE.	37+96.00	14.00' LT	38+42.88	50.91' LT	69.73	69.73
*	38+83.50	52.06' LT	39+15.22	14.00' LT	55.77	125.5
*	39+15.22	14.00' LT	42+33.73	40.06' LT	333.56	459.06
*	42+61.68	40.12' LT	46+14.86	40.06' LT	382.82	841.88
*	46+44.66	40.12' LT	49+86.56	45.05' LT	377.67	1219.55
*	37+96.00	14.00' RT	38+46.90	50.70' RT	73.94	1293.49
*	39+82.97	50.33' RT	39+14.14	14.62' RT	54.01	1347.50
*	39+14.14	14.62' RT	42+33.92	40.12' RT	334.78	1682.28
*	42+61.92	40.06' RT	46+15.48	39.58' RT	382.79	2065.07
*	46+42.85	40.06' RT	49+86.96	45.10' RT	377.75	2442.82
						2443.00

ITEM NO: 550B0050 DESCRIPTION: STORM SEWERS, CLASS B, TYPE 1, 12" UNIT: FOOT			
SEGMENT	DIAMETER (IN)	LENGTH (FT)	TOTAL (FOOT)
SS-1	12	4.00	4.00
SS-2	12	53.00	57.00
SS-3	12	22.00	79.00
SS-4	12	7.00	86.00
SS-5	12	143.00	229.00
SS-6	12	32.00	261.00
SS-7	12	18.00	279.00
SS-8	12	40.00	319.00
SS-9	12	40.00	359.00
SS-11	12	22.00	381.00
SS-12	12	7.00	388.00
SS-14	12	29.00	417.00
SS-15	12	15.00	432.00
SS-16	12	44.00	476.00
SS-17	12	44.00	520.00
SS-19	12	22.00	542.00
SS-20	12	7.00	549.00
SS-22	12	30.00	579.00
SS-23	12	16.00	595.00
			595.00

ITEM NO: 550B0090 DESCRIPTION: STORM SEWERS, CLASS B, TYPE 1, 18" UNIT: FOOT			
SEGMENT	DIAMETER (IN)	LENGTH (FT)	TOTAL (FOOT)
SS-10	18	232.00	232.00
SS-13	18	147.00	379.00
SS-18	18	294.00	673.00
SS-21	18	78.00	751.00
SS-24	18	34.00	785.00
			785.00

ITEM NO: X5510100 DESCRIPTION: STORM SEWER REMOVAL UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
MARSHALL AVE.	38+32.87	28.82'LT	38+39.28	30.88'LT	6.50	6.50
*	38+39.28	30.88'LT	38+88.59	27.56'LT	50.00	56.50
*	42+25.64	16.48'LT	42+31.60	0.28'LT	17.60	74.10
*	42+25.66	16.40'RT	42+31.60	0.28'LT	17.70	91.80
*	46+07.09	16.72'LT	46+24.88	0.64'RT	25.00	116.80
*	46+07.93	16.29'RT	46+24.88	0.64'RT	23.30	140.10
*	49+82.10	32.14'LT	49+90.57	0.18'RT	33.45	172.55
*	49+77.89	15.86'RT	49+90.57	0.18'RT	20.00	193.55
						194.00

ITEM NO: 60218400 DESCRIPTION: MH., TYP. A, 4' DIA., TYP. 1 FR. & CL. LD. UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	40+91.00	7.33'	RT		
*	42+27.90	7.33'	RT		1.0	2.0
*	44+60.00	7.18'	RT		1.0	3.0
*	46+06.50	7.13'	RT		1.0	4.0
*	49+00.00	7.31'	RT		1.0	5.0
*	49+78.03	7.0'	RT		1.0	6.0
						6.0

ITEM NO: 60500060 DESCRIPTION: REMOVING INLETS UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	39+39.30	30.87'	LT		
*	38+88.63	27.56'	LT		1.0	2.0
*	49+82.09	32.17'	LT		1.0	3.0
*	49+77.89	15.86'	RT		1.0	4.0
						4.0

ITEM NO: 60500040 DESCRIPTION: REMOVING MANHOLES UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	42+25.64	16.45'	LT		
*	42+25.68	16.42'	RT		1.0	2.0
*	46+07.10	16.67'	LT		1.0	3.0
*	46+07.93	16.30'	RT		1.0	4.0
*	49+90.57	0.20'	RT		1.0	5.0
						5.0

ITEM NO: 60255500 DESCRIPTION: MANHOLES TO BE ADJUSTED UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	38+56.93	0.20'	LT		
*	42+47.23	0.20'	LT		1.0	2.0
*	46+24.98	0.62'	RT		1.0	3.0
*	49+83.36	0.47'	RT		1.0	4.0
*	50+00.03	1.02'	RT		1.0	5.0
						5.0

ITEM NO: Z0051500 DESCRIPTION: REMOVING AND RESETTNG STREET SIGNS UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	39+08.00	18.24'	LT		
*	39+88.35	16.95'	RT		1.0	2.0
*	46+10.31	19.60'	RT		1.0	3.0
*	46+47.61	27.57'	RT		1.0	4.0
*	47+34.10	17.64'	RT		1.0	5.0
*	49+63.34	17.64'	RT		1.0	6.0
*	49+75.78	17.34'	RT		1.0	7.0
						7.0

ITEM NO: 60218500 DESCRIPTION: MH., TYP. A, 4' DIA., TYP. 3 FR. & GR. UNIT: EACH						
LOCATION	STATION	OFFSET	SIDE		EACH	TOTAL
	MARSHALL AVE.	42+27.99	25.10'	RT		
*	42+27.75	25.03'	LT		1.0	2.0
*	46+06.57	22.37'	RT		1.0	3.0
*	46+06.36	22.34'	LT		1.0	4.0
						4.0

ITEM NO: 60235700 DESCRIPTION: INLETS, TYPE A, TYPE 3 FRAME & GRATE UNIT: EACH						
LOCATION	STATION			SIDE	EACH	TOTAL
	STATION	OFFSET	STATION			
MARSHALL AVE.	38+89.91	28.72'	LT		1.0	1.0
*	38+33.20	24.75'	LT		1.0	2.0
*	40+91.00	15.00'	RT		1.0	3.0
*	40+91.00	15.00'	LT		1.0	4.0
*	42+67.72	25.11'	LT		1.0	5.0
*	42+67.91	25.00'	LT		1.0	6.0
*	44+60.00	15.00'	LT		1.0	7.0
*	44+60.00	15.00'	RT		1.0	8.0
*	46+50.94	22.37'	LT		1.0	9.0
*	46+51.21	22.26'	RT		1.0	10.0
*	49+00.00	15.00'	RT		1.0	11.0
*	49+00.00	15.00'	LT		1.0	12.0
*	49+78.16	23.82'	RT		1.0	13.0
*	49+77.80	23.82'	LT		1.0	14.0
						14.0

ITEM NO: 78000400 DESCRIPTION: THERMOPLASTIC PAVEMENT MARKING - LINE 6' UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
9TH ST. INTER.	38+25.17	17.39' LT	38+28.16	16.66' RT	34.2	34.2
*	38+31.12	21.36' LT	38+34.21	20.24' RT	41.7	75.9
*	38+39.53	32.72' LT	38+86.89	32.18' LT	47.4	123.3
*	38+41.43	38.71' LT	38+84.87	38.19' LT	43.4	166.7
*	38+44.68	34.29' RT	38+85.04	34.19' RT	40.4	207.1
*	38+46.23	40.30' RT	38+83.47	40.19' RT	37.2	244.3
*	38+94.59	20.90' RT	38+94.49	21.85' LT	42.8	487.1
*	39+00.58	17.10' RT	39+00.58	17.10' LT	34.8	321.9
6TH ST. INTER.						
	49+69.48	16.66' RT	49+69.21	16.70' LT	33.4	355.3
	49+75.49	20.17' RT	49+75.20	20.24' LT	40.4	395.7
						396.0

ITEM NO: 44000600 DESCRIPTION: SIDEWALK REMOVAL UNIT: SOFT						
LOCATION	BEGIN		END		QUANTITY (SOFT)	TOTAL
	STATION	SIDE	STATION	SIDE		
MARSHALL AVE.	38+84.04	RT	42+15.80	RT	1586.44	1586.44
9TH ST. INTER.	NW QUAD.	LT			138.27	1724.71
*	NE QUAD.	LT			209.34	1934.05
*	SW QUAD.	RT			179.38	2113.43
*	SE QUAD.	RT			181.02	2294.45
ALONG DRIVE EDGES						
	39+31.32	LT			54.09	2348.54
	39+63.46	LT			54.52	2403.06
	40+55.83	LT			40.08	2443.14
	41+12.29	LT			39.73	2482.87
8TH ST. INTER.	NW QUAD.	LT			147.44	2630.31
*	NE QUAD.	LT			442.42	3072.73
*	SW QUAD.	RT			140.58	3213.31
*	SE QUAD.	RT			203.27	3416.58
ALONG DRIVE EDGES						
	43+87.01	LT			63.05	3479.63
	43+92.78	RT			49.36	3528.99
	44+33.35	RT			49.98	3578.97
	44+92.95	LT			60.11	3639.08
	45+41.62	RT			49.51	3688.59
7TH ST. INTER.	NW QUAD.	LT			108.81	3797.40
*	NE QUAD.	LT			202.97	4000.37
*	SW QUAD.	RT			144.31	4144.68
*	SE QUAD.	RT			219.08	4363.76
ALONG DRIVE EDGES						
	47+22.89	RT			49.35	4413.11
	47+61.03	LT			40.70	4453.81
	47+74.55	RT			48.07	4501.88
	48+30.91	RT			62.12	4564.00
	48+77.18	RT			48.32	4612.32
6TH ST. INTER.	NW QUAD.	LT			142.37	4754.69
*	SW QUAD.	RT			258.06	5012.75
						5013.00

ITEM NO: 78000650 DESCRIPTION: THERMOPLASTIC PAVEMENT MARKING - LINE 24' UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
9TH ST. INTER.	38+22.88	CL	38+22.88	14.99' RT	15	15
*	38+41.99	42.71' LT	38+63.12	42.76' LT	21	36
*	38+64.83	44.24' RT	38+83.10	44.19' RT	18	54
*	39+04.54	CL	39+05.09	15.66' LT	16	70
8TH ST. INTER.	42+33.88	42.65' LT	42+33.88	42.64' LT	14	84
*	42+47.92	44.40' RT	42+61.86	44.37' RT	14	98
7TH ST. INTER.	46+14.90	42.86' LT	46+28.66	42.93' LT	14	112
*	46+28.86	43.60' RT	46+42.56	43.56' RT	14	126
7TH ST. INTER.	49+65.35	CL	49+65.15	15.11' RT	15	141
						141

ITEM NO: 78000200 DESCRIPTION: THERMOPLASTIC PAVEMENT MARKING - LINE 4' UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
MARSHALL AVE.	37+71.01	CL	49+87.76	CL	1216.75	304
*SKIP DASH DIVIDE BY 40 MULTI BY 10						304

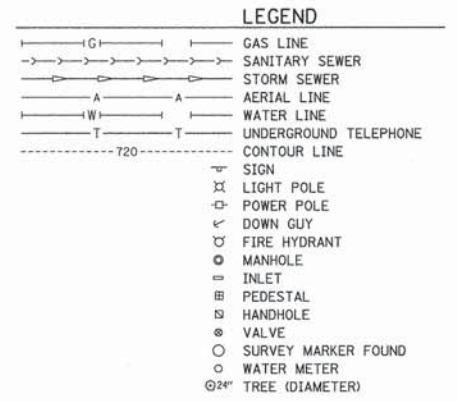
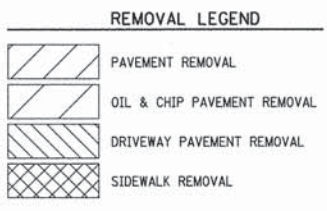
ITEM NO: 70300100 DESCRIPTION: SHORT TERM PAVEMENT MARKING UNIT: FOOT						
LOCATION	BEGIN		END		LENGTH (FT.)	TOTAL
	STATION	SIDE	STATION	SIDE		
9TH ST. INTER.	38+22.88	CL	38+22.88	14.99' RT	15	15
*	38+41.99	42.71' LT	38+63.12	42.76' LT	21	36
*	38+64.83	44.24' RT	38+83.10	44.19' RT	18	54
*	39+04.54	CL	39+05.09	15.66' LT	16	70
8TH ST. INTER.	42+33.88	42.65' LT	42+33.88	42.64' LT	14	84
*	42+47.92	44.40' RT	42+61.86	44.37' RT	14	98
7TH ST. INTER.	46+14.90	42.86' LT	46+28.66	42.93' LT	14	112
*	46+28.86	43.60' RT	46+42.56	43.56' RT	14	126
7TH ST. INTER.	49+65.35	CL	49+65.15	15.11' RT	15	141
						141

FILE NAME =	USER NAME = Sca34	DESIGNED -	REVISED -
P:\Civil\Mattoon\Marshall Ave\Drawings\Schedule_Quantities.pg4.dgn		DRAWN -	REVISED -
PLOT SCALE = 1:8000 ' / in.		CHECKED -	REVISED -
PLOT DATE = 2/17/2016		DATE -	REVISED -

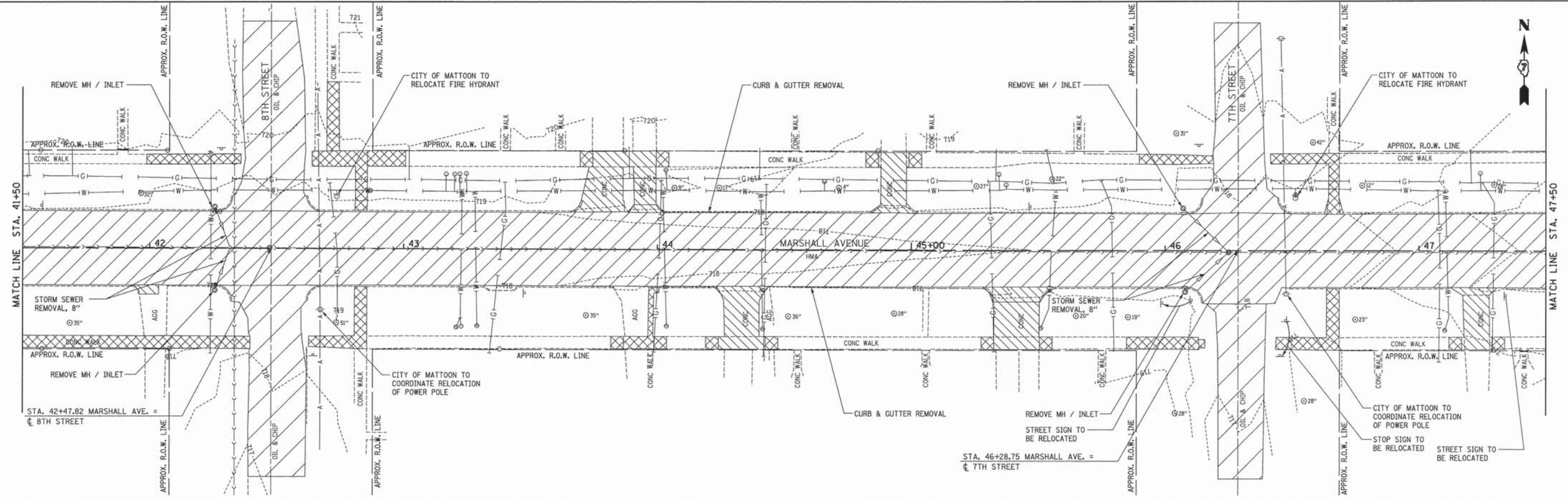
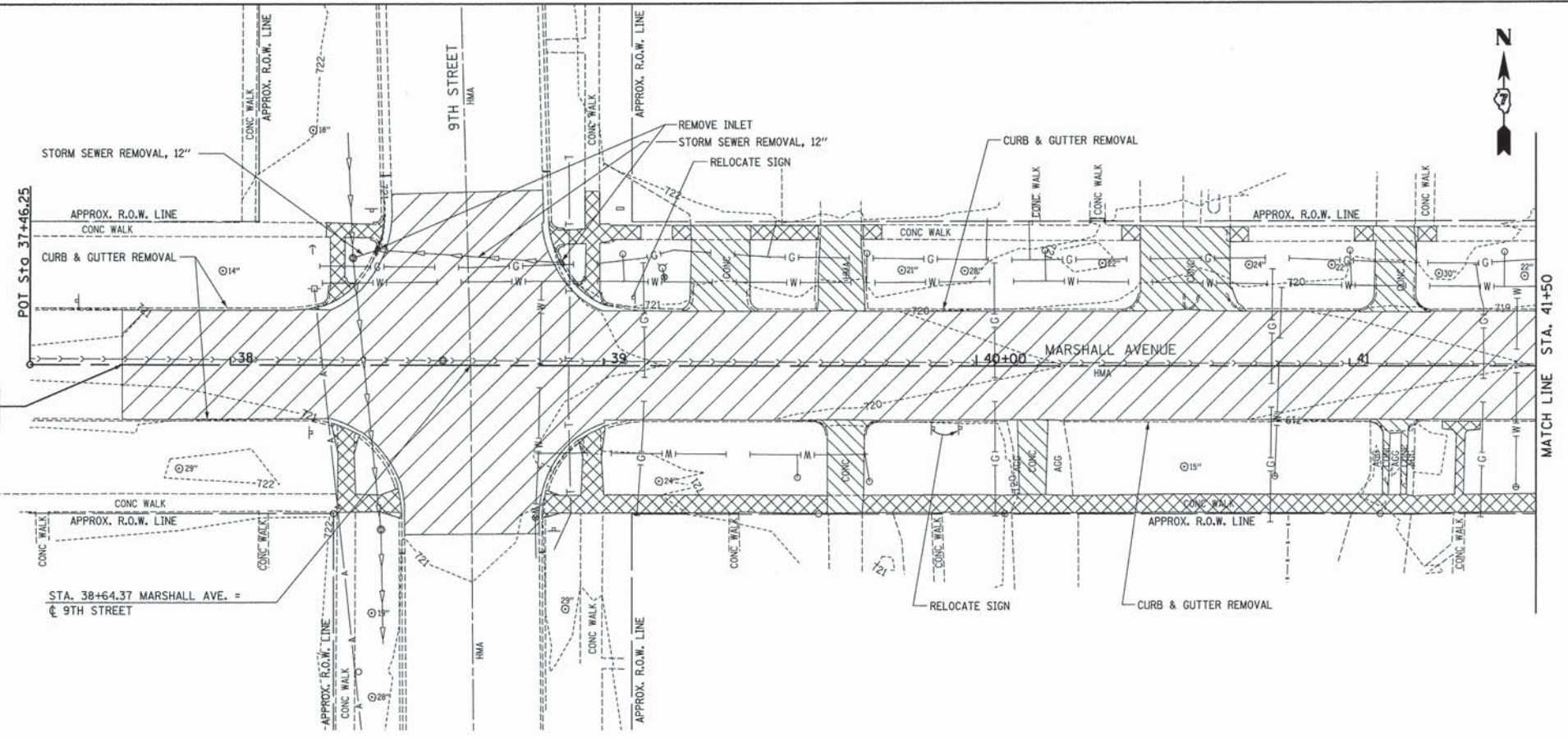
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 1:8000 ' / in. PROJECT: 3115113

SCHEDULE OF QUANTITIES		TOTAL SHEETS	SHEET NO.
		36	7

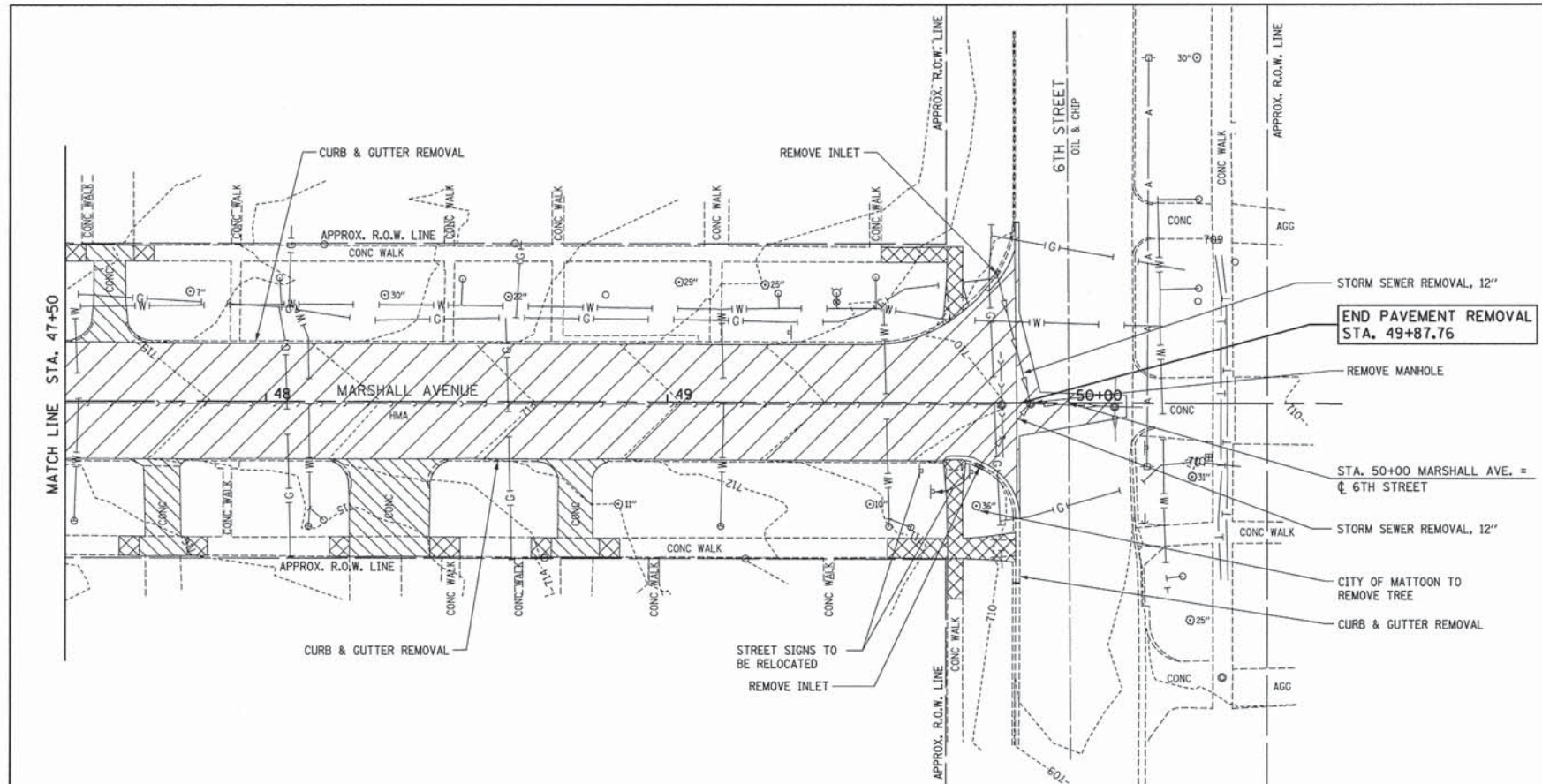


BEGIN PAVEMENT REMOVAL  
STA. 37+71



FILE NAME = P:\Civil\Mattoon\Marshall Ave\Drawings\RemovalPlan.Ldgn	USER NAME = StetS	DESIGNED -	REVISED -	<p align="center"><b>The Upchurch Group</b></p> <p align="center">123 North 15th Street Mattoon, Illinois 61938</p> <p align="center">Professional Design Firm Corporation License No. 184-003401</p>	<p align="center"><b>MARSHALL AVENUE RECONSTRUCTION - PHASE 1</b></p> <p align="center">6TH STREET TO 9TH STREET</p> <p align="center">CITY OF MATTOON, ILLINOIS 61938</p> <p>SCALE: 20,000' / 1"</p>	<p align="center"><b>REMOVAL PLAN</b></p> <p align="center">STA. 37+71 TO STA. 47+50</p> <p>PROJECT: 3115113</p>	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,000' / 1"	PLOT DATE = 2/17/2016	DRAWN -	REVISED -				36	8
		CHECKED -	REVISED -					
		DATE -	REVISED -					



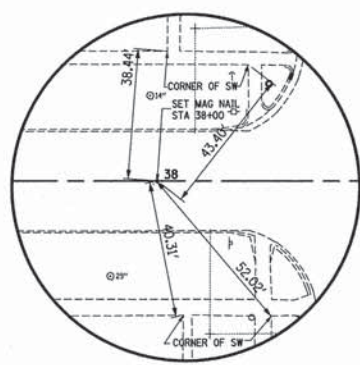


ITEM NO: X2080250 DESCRIPTION: TRENCH BACKFILL, SPECIAL UNIT: CU YD

LOCATION	BEGIN STATION	SIDE	END STATION	SIDE	LENGTH (FT.)	TOTAL
MARSHALL AVE.	38+32.87	28.82'LT	38+39.28	30.88'LT	6.50	0.86
*	38+39.28	30.88'LT	38+88.59	27.56'LT	50.00	6.60
*	42+25.64	16.48'LT	42+31.60	0.28'LT	17.60	4.01
*	42+25.66	16.40'RT	42+31.60	0.28'LT	17.70	4.04
*	46+07.09	16.72'LT	46+24.88	0.64'RT	25.00	5.70
*	46+07.93	16.29'RT	46+24.88	0.64'RT	23.30	5.31
*	49+82.10	32.14'LT	49+90.57	0.18'RT	33.45	4.42
*	49+77.89	15.86'RT	49+90.57	0.18'RT	20.00	2.64
						34.00

PLAN	SUBMITTED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	APPROVED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	APPROVED	
	NO. _____	

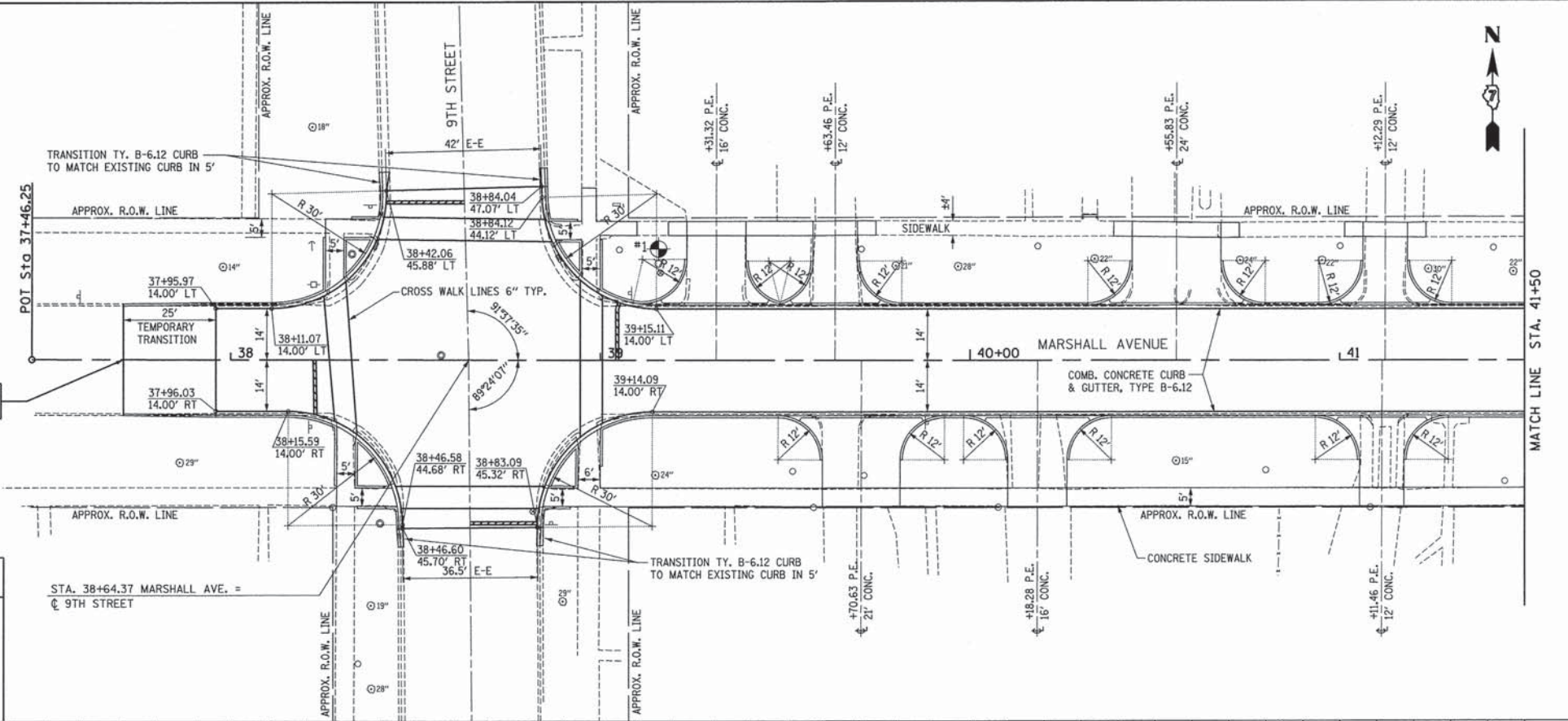


BASELINE TIE STATION 38+00.00



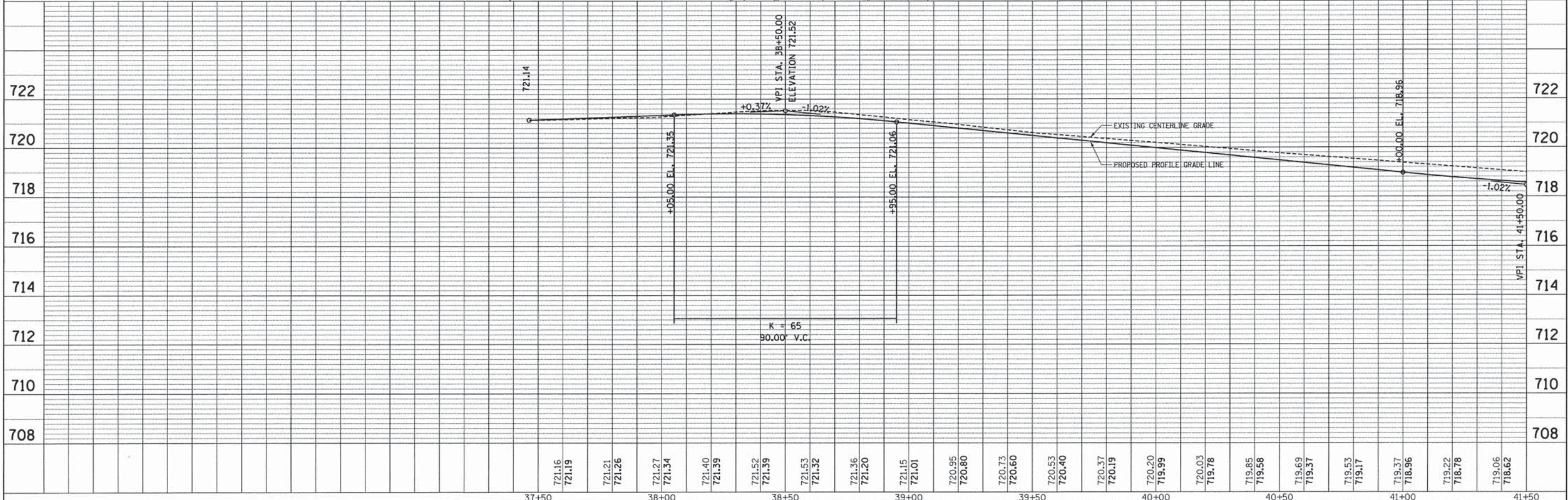
BASELINE TIE STATION 44+00.00

BEGIN CONSTRUCTION STA. 37+71



**BENCH MARKS**

- #1 TOP CAP BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL & 9 TH STREET ELEVATION = 725.33
- #2 TOP CAP BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL & 8 TH STREET ELEVATION = 722.18
- #3 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NE QUAD MARSHALL & 7 TH STREET ELEVATION = 720.46
- #4 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NW QUAD MARSHALL & 6 TH STREET ELEVATION = 713.43

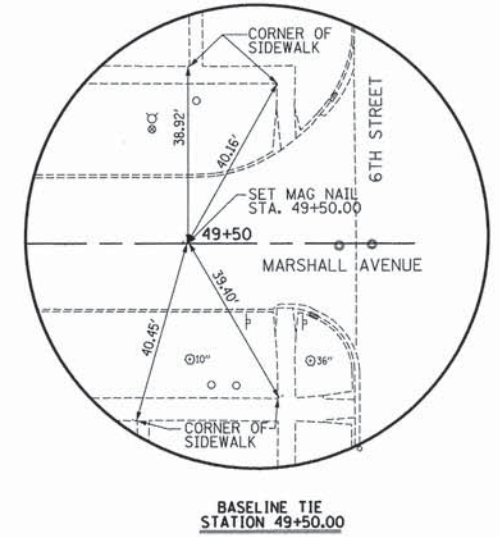
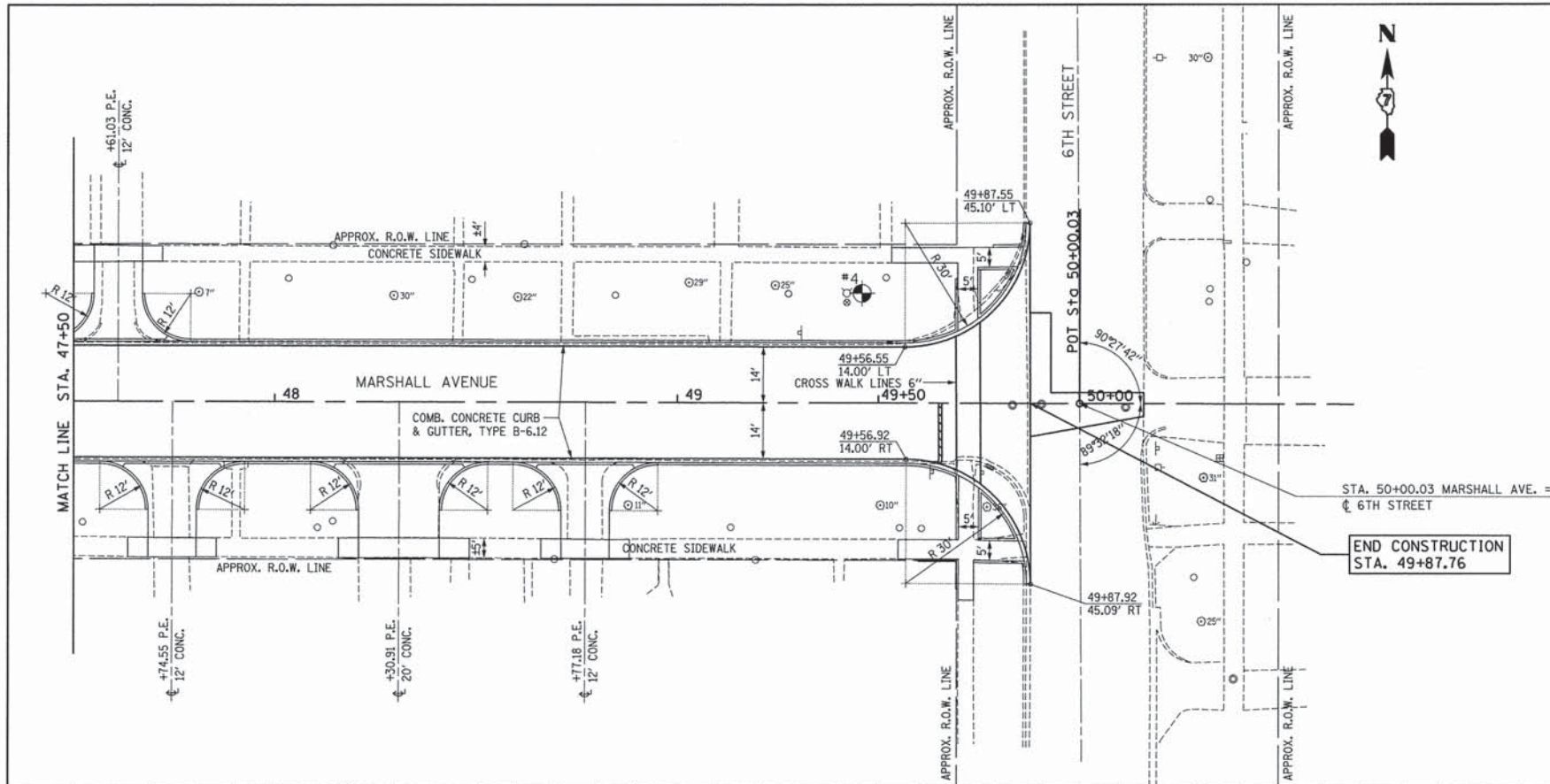


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		DATE -	REVISED -					

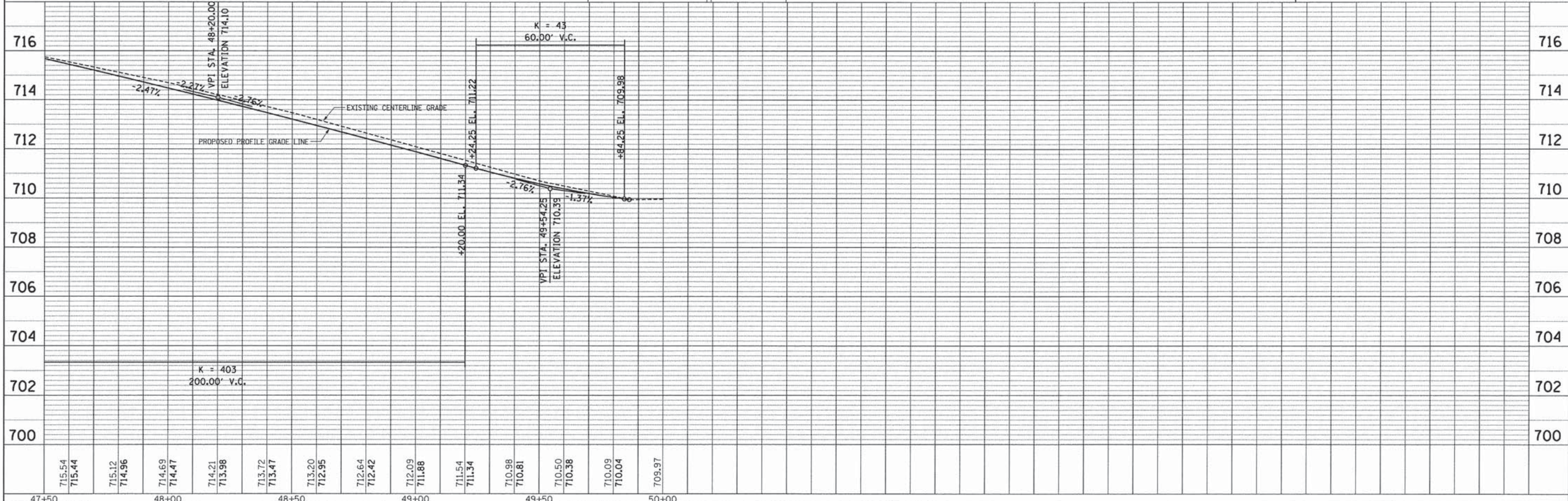


PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTED		
	FILE NAME		

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTED		
	FILE NAME		



- BENCH MARKS**
- #3 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NE QUAD MARSHALL & 7 TH STREET ELEVATION = 720.46
  - #4 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NW QUAD MARSHALL & 6 TH STREET ELEVATION = 713.43



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PLOT SCALE = 20.0000' / 1"	PLOT DATE = 2/17/2016	DRAWN -	REVISED -				36	12
		CHECKED -	REVISED -					
		DATE -	REVISED -					

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DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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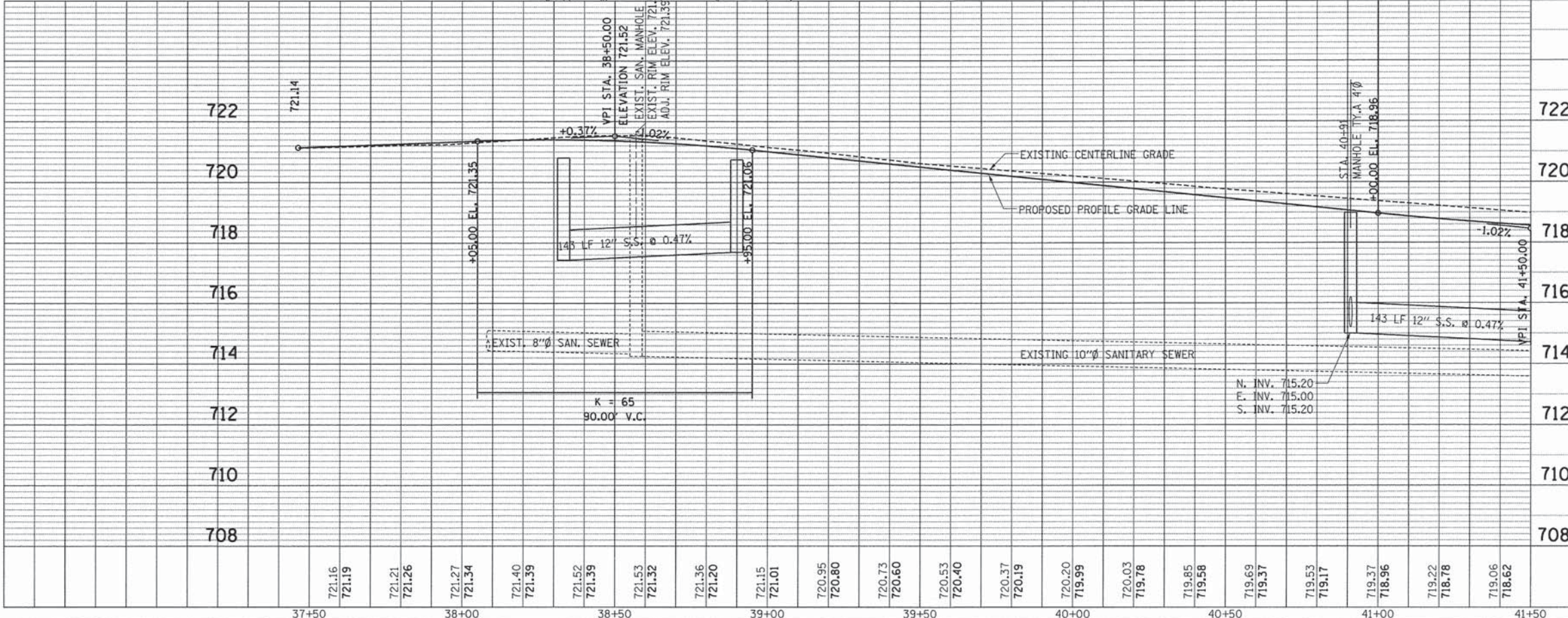
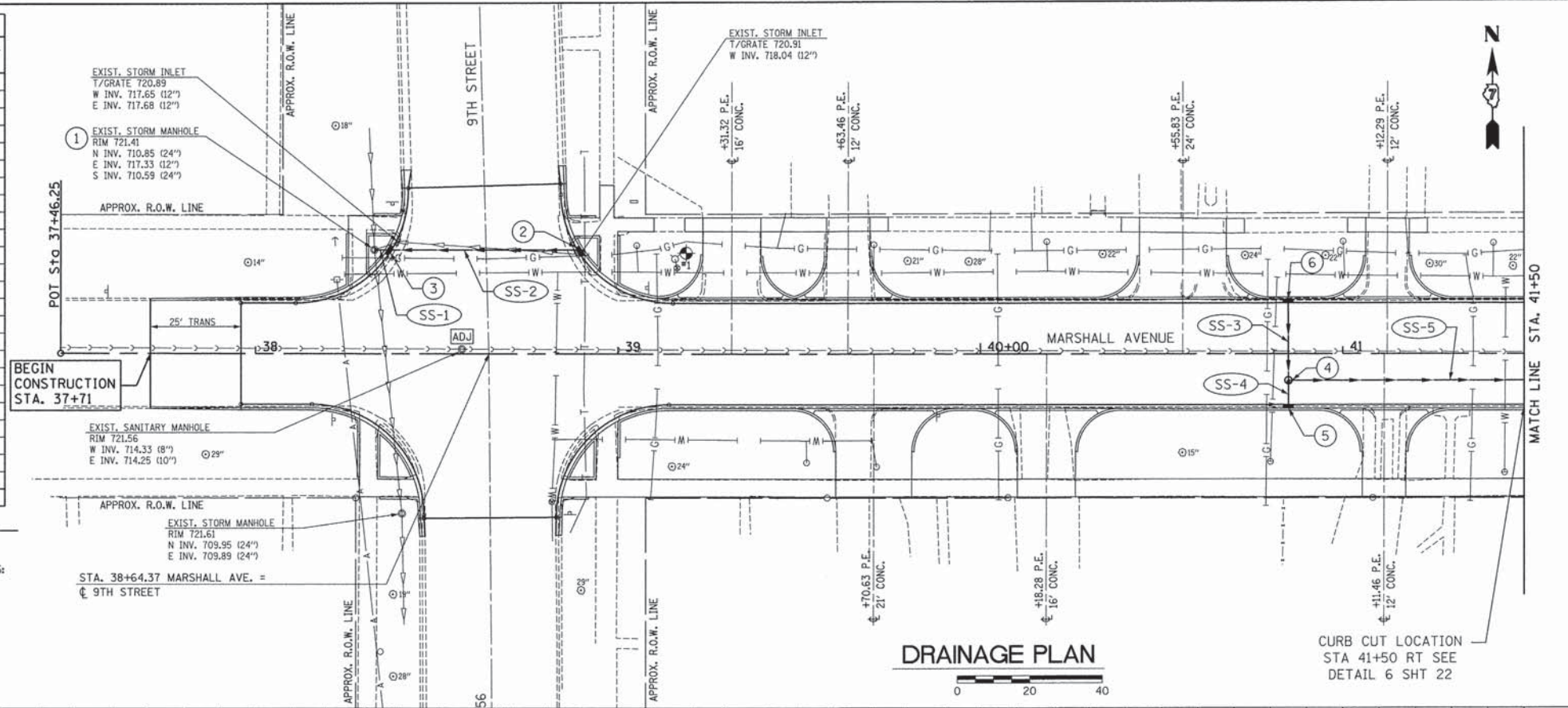
STORM SEWER STRUCTURE TABLE			
NO	TYPE	TOP ELEV.	INVERTS
1	EXISTING MANHOLE (STA. 38+32.78, 28.72' LT)	721.41(EO)	710.85 N (EO) 717.33 E (EO) 710.59 S (EO) 717.33 E (PRI)
2	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 38+89.91, 28.72' LT)	720.74	717.69 W
3	INLET TY. A 2'Ø W/ TY. 3 F&G (STA. 38+33.20, 24.75' LT)	720.80	717.43 N&S (EO)
4	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL (STA. 40+91, 7.33' RT)	718.99	715.20 N 715.00 E 715.20 S
5	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 40+91, 15' RT)	718.83	715.24 N
6	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 40+91, 15' LT)	718.83	715.31 S
7	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL (STA. 42+27.90, 7.33' RT)	718.19	714.54 N 714.34 E 714.54 S 713.34 W
8	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G (STA. 42+27.99, 25.1' RT)	717.64	714.63 N 714.63 E
9	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G (STA. 42+27.75, 25.03' LT)	717.66	714.70 E 714.70 S
10	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 42+61.72, 25.1' LT)	717.70	714.90 W
11	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 42+61.91, 25' LT)	717.36	714.83 W
12	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL (STA. 44+60, 7.18' RT)	717.77	713.45 N 713.25 E 713.45 S 713.25 W
13	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 44+60, 15' LT)	717.60	713.56 S
14	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 44+60, 15' RT)	717.60	713.49 N
15	MANHOLE TY. A 4'Ø W/ TY. 1 F&CL (STA. 46+06.50, 7.13' RT)	717.50	712.76 N 712.56 E 712.76 S 712.56 W
16	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G (STA. 46+06.57, 22.37' RT)	716.70	712.84 N 712.94 E
17	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G (STA. 46+06.36, 22.34' LT)	717.00	713.00 E 712.90 S
18	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 46+50.94, 22.37' LT)	716.75	713.22 W
19	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 46+51.21, 22.26' RT)	716.70	713.16 W
20	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL (STA. 49+00, 7.31' RT)	711.78	707.60 N 707.26 E 707.46 S 707.26 W
21	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 49+00, 15.0' RT)	711.60	707.71 S
22	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 49+00, 15.0' LT)	711.60	707.50 N
23	MANHOLE TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL (STA. 49+78.03, 7.0' RT)	709.71	706.20 N 706.00 E 706.20 S 706.00 W
24	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 49+78.16, 23.82' RT)	709.00	706.28 N
25	INLET, TY. A 2'Ø W/ TY. 3 F&G (STA. 49+77.80, 23.82' LT)	709.44	706.35 S
26	EXISTING MANHOLE (STA. 50+11.48, 0.95' RT)	709.52(EO)	700.37 N (EO) 700.35 S (EO) 702.87 W (EO) 705.50 W (PRI)

F.S.T.: FLAT SLAB TOP

STORM SEWER SCHEDULE		
SEGMENT	DESCRIPTION	TRENCH BACKFILL SPECIAL (CU YD)
SS-1	12" SS x 3 LF @ 0.50%	0.53
SS-2	12" SS x 53 LF @ 0.50%	7.00
SS-3	12" SS x 22 LF @ 0.50%	4.73
SS-4	12" SS x 7 LF @ 0.50%	1.51
SS-5	12" SS x 143 LF @ 0.47%	32.32
SS-6	12" SS x 32 LF @ 0.50%	6.88
SS-7	12" SS x 18 LF @ 0.50%	2.38
SS-8	12" SS x 40 LF @ 0.50%	5.28
SS-9	12" SS x 40 LF @ 0.50%	5.28
SS-10	18" SS x 232 LF @ 0.47%	62.41
SS-11	12" SS x 27 LF @ 0.50%	5.19
SS-12	12" SS x 7 LF @ 0.50%	1.65
SS-13	18" SS x 147 LF @ 0.47%	48.80
SS-14	12" SS x 29 LF @ 0.50%	6.24
SS-15	12" SS x 15 LF @ 0.50%	3.23
SS-16	12" SS x 44 LF @ 0.50%	9.46
SS-17	12" SS x 44 LF @ 0.50%	9.46
SS-18	18" SS x 294 LF @ 1.78%	86.44
SS-19	12" SS x 22 LF @ 0.50%	4.97
SS-20	12" SS x 7 LF @ 0.50%	1.58
SS-21	18" SS x 78 LF @ 1.61%	15.99
SS-22	12" SS x 30 LF @ 0.50%	4.56
SS-23	12" SS x 16 LF @ 0.50%	2.43
SS-24	18" SS x 34 LF @ 1.50%	7.85
		337.00

**GENERAL NOTES**

- STORM SEWERS TO BE PVC CLASS SDR 35
- TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:  
 TY. 1 F&CL: AT TOP OF LID  
 TY. 3 F&G: AT FLOWLINE OF CURB AND GUTTER
- STATION AND OFFSET IS DEFINED AS FOLLOWS:  
 TY. 1 F&CL: CENTER OF STRUCTURE  
 TY. 3 F&G: AT FLOWLINE OF CURB AND GUTTER
- INLETS AND MANHOLES TO BE PROTECTED USING STANDARD 280001-07. SEE PAGE 15 FOR TABLE.

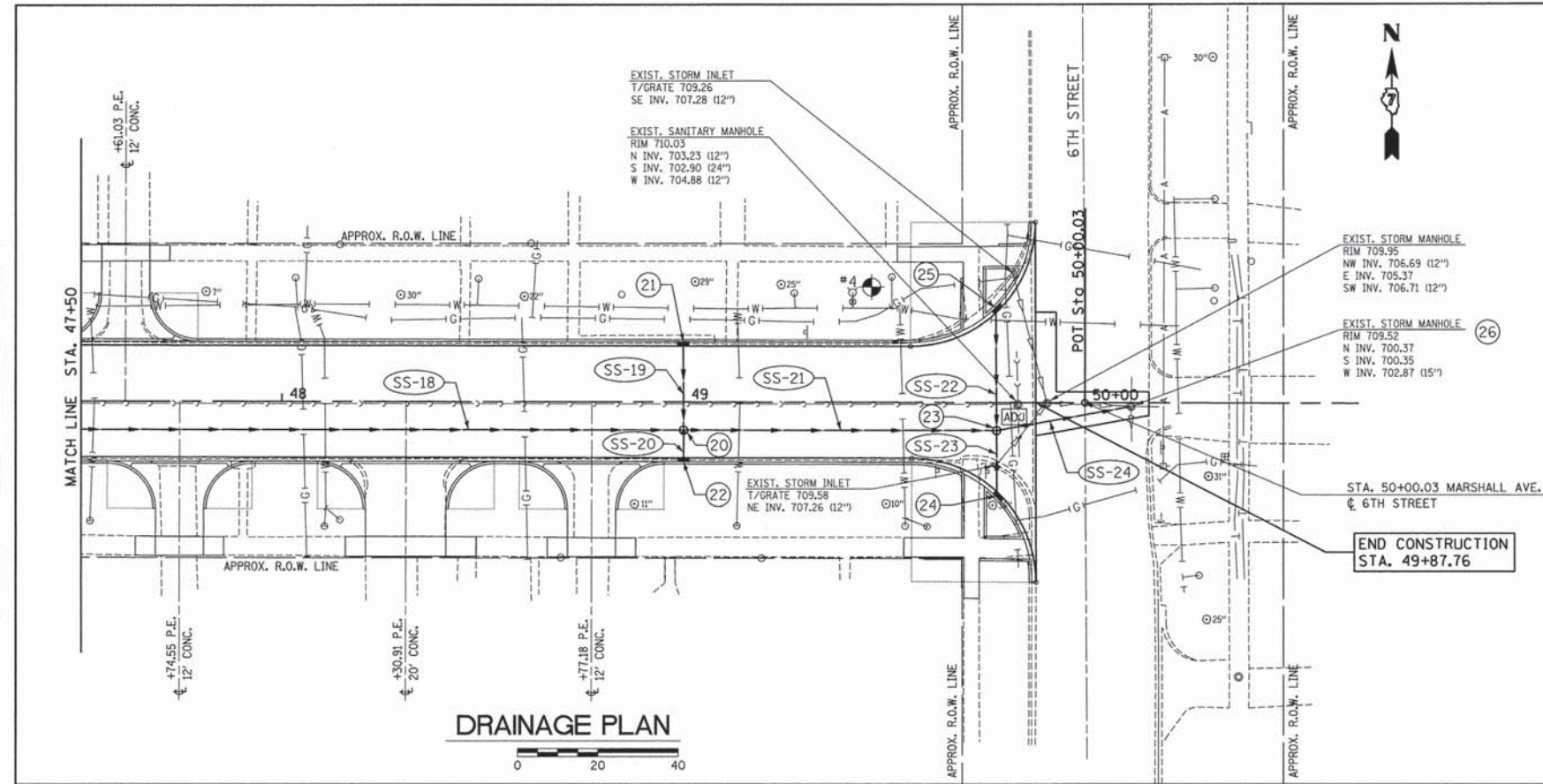


- BENCH MARKS**
- \*1 TOP CAP BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL & 9 TH STREET ELEVATION = 725.33
  - \*2 TOP CAP BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL & 8 TH STREET ELEVATION = 722.18
  - \*3 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NE QUAD MARSHALL & 7 TH STREET ELEVATION = 720.46
  - \*4 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NW QUAD MARSHALL & 6 TH STREET ELEVATION = 713.43



DATE	
BY	
REVISIONS	
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NOTE BOOK	
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FILE NAME	

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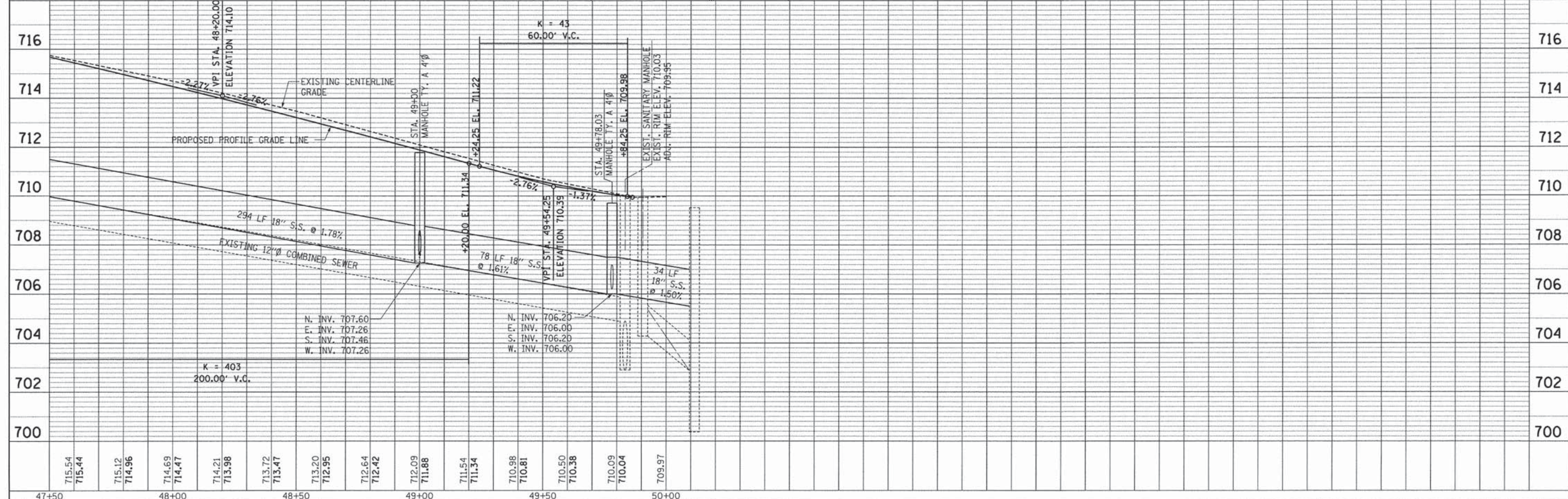
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LOCATION	STA	STA	SOVD	TOTAL
6 TH ST.	49+87.76	50+15.96	38	38

ITEM NO: 28000500 INLET AND PIPE PROTECTION					
LOCATION	STA	OFFSET	EACH	TOTAL	
STR. NO 2	38+89.91	28.72' LT	1.0	1.0	
STR. NO 3	38+33.20	24.75' LT	1.0	2.0	
STR. NO 4	40+91.00	7.33' RT	1.0	3.0	
STR. NO 5	41+91.00	15.00' RT	1.0	4.0	
STR. NO 6	40+91.00	15.00' LT	1.0	5.0	
STR. NO 7	42+27.90	7.33' RT	1.0	6.0	
STR. NO 8	42+27.99	25.01' RT	1.0	7.0	
STR. NO 9	42+27.75	25.03' LT	1.0	8.0	
STR. NO 10	42+67.72	25.11' LT	1.0	9.0	
STR. NO 11	42+67.91	25.00' LT	1.0	10.0	
STR. NO 12	44+60.00	7.18' RT	1.0	11.0	
STR. NO 13	44+60.00	15.00' LT	1.0	12.0	
STR. NO 14	44+60.00	15.00' RT	1.0	13.0	
STR. NO 15	46+06.50	7.13' RT	1.0	14.0	
STR. NO 16	46+06.57	22.37' RT	1.0	15.0	
STR. NO 17	46+06.36	22.34' LT	1.0	16.0	
STR. NO 18	46+50.94	22.37' LT	1.0	17.0	
STR. NO 19	46+51.21	22.26' RT	1.0	18.0	
STR. NO 20	49+00.00	7.31' RT	1.0	19.0	
STR. NO 21	49+00.00	15.00' RT	1.0	20.0	
STR. NO 22	49+00.00	15.00' LT	1.0	21.0	
STR. NO 23	49+78.03	7.00' RT	1.0	22.0	
STR. NO 24	49+78.16	23.82' RT	1.0	23.0	
STR. NO 25	49+77.80	23.82' LT	1.0	24.0	

**GENERAL NOTES**  
1. SEE SHEET 13 FOR STORM SEWER TABLES.

**BENCH MARKS**

- #3 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NE QUAD MARSHALL & 7 TH STREET ELEVATION = 720.46
- #4 TOP CAP BOLT NEXT TO "M" IN MULLER ON FH NW QUAD MARSHALL & 6 TH STREET ELEVATION = 713.43

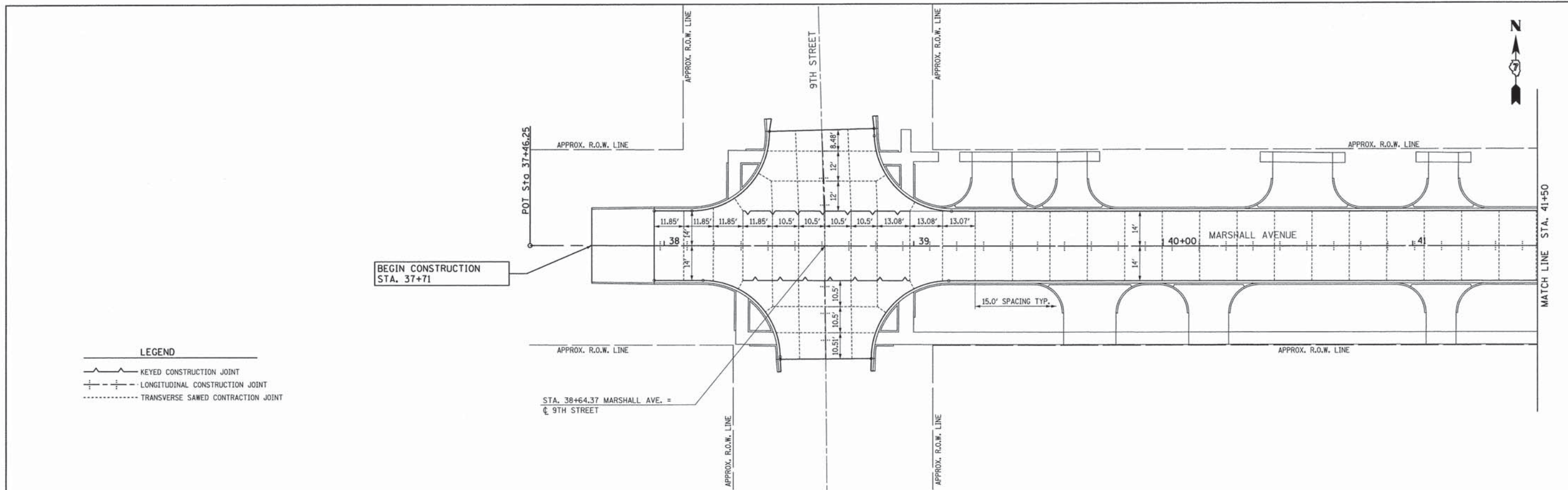


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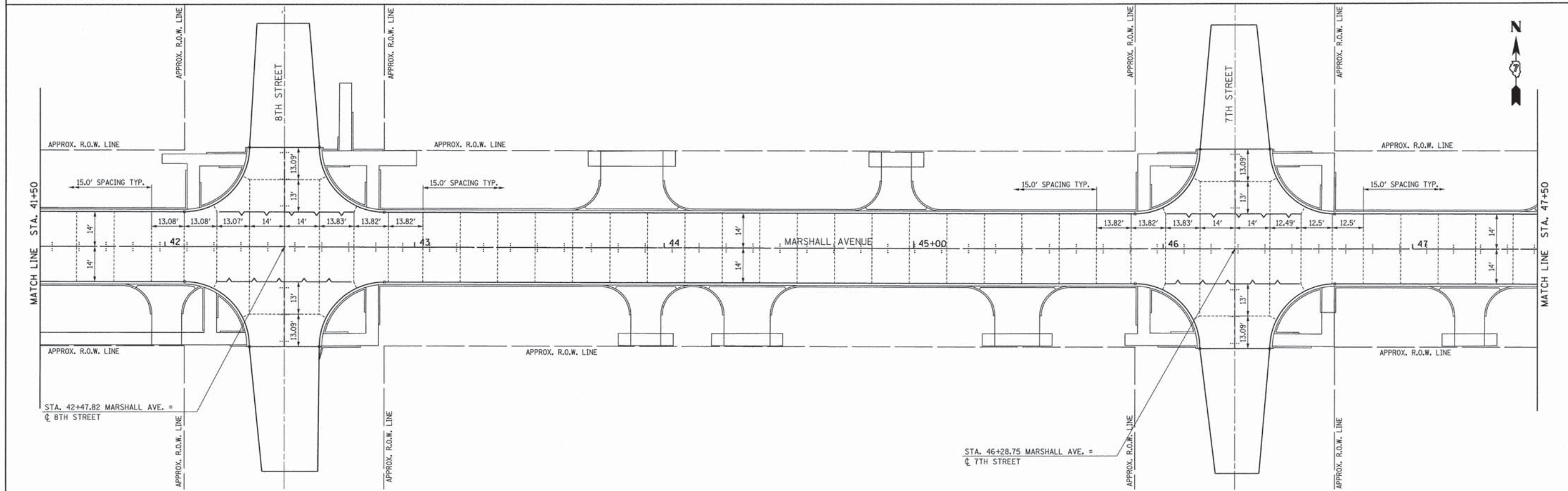
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
6TH STREET TO 9TH STREET  
CITY OF MATTOON, ILLINOIS 61938  
SCALE: 20.0000' / 1". PROJECT: 3115113

**DRAINAGE PLAN AND PROFILE**  
STA. 47 + 50 TO STA. 50 + 00  
TOTAL SHEETS: 36 SHEET NO.: 15



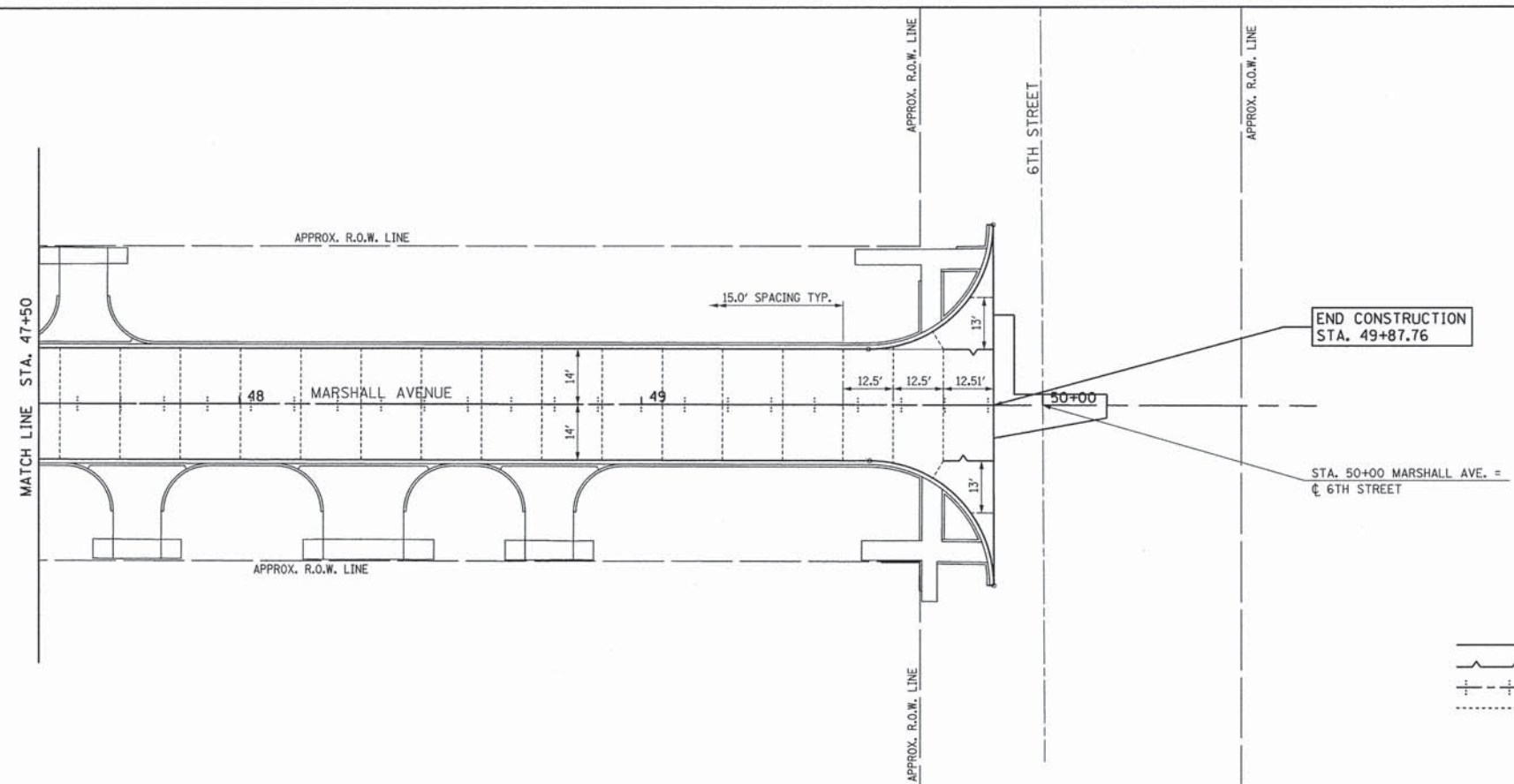
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	KEYED CONSTRUCTION JOINT
	LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED CONTRACTION JOINT



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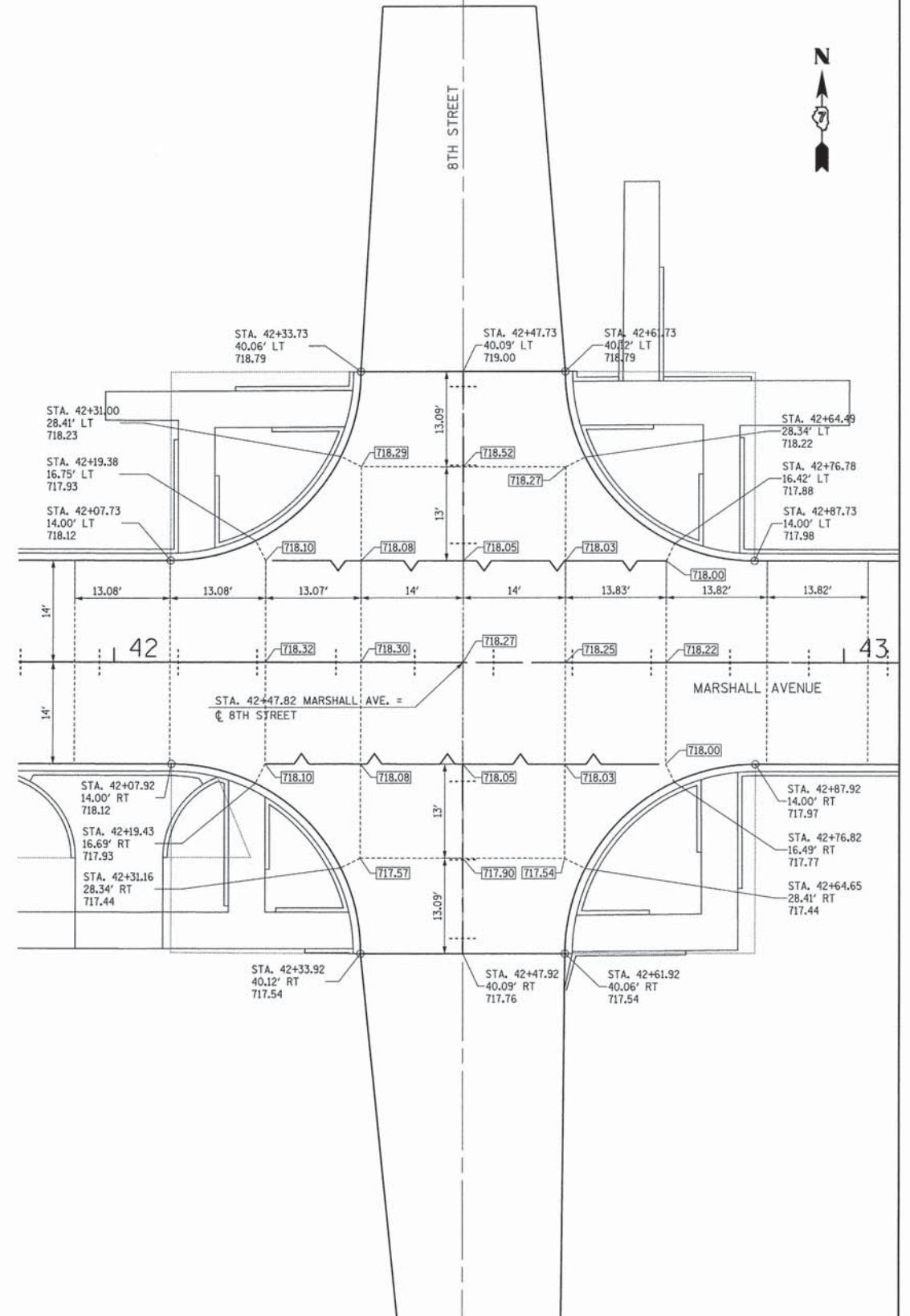
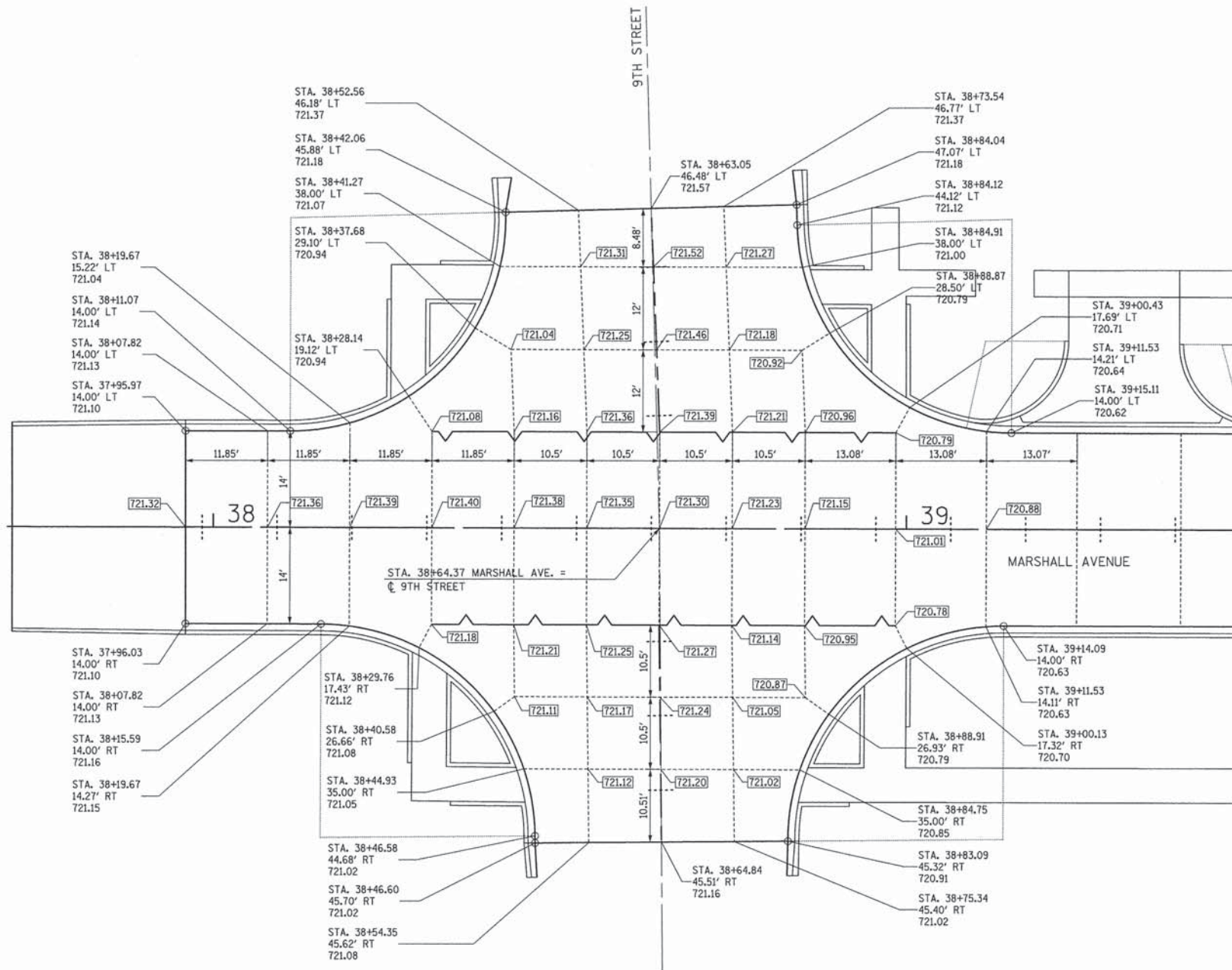




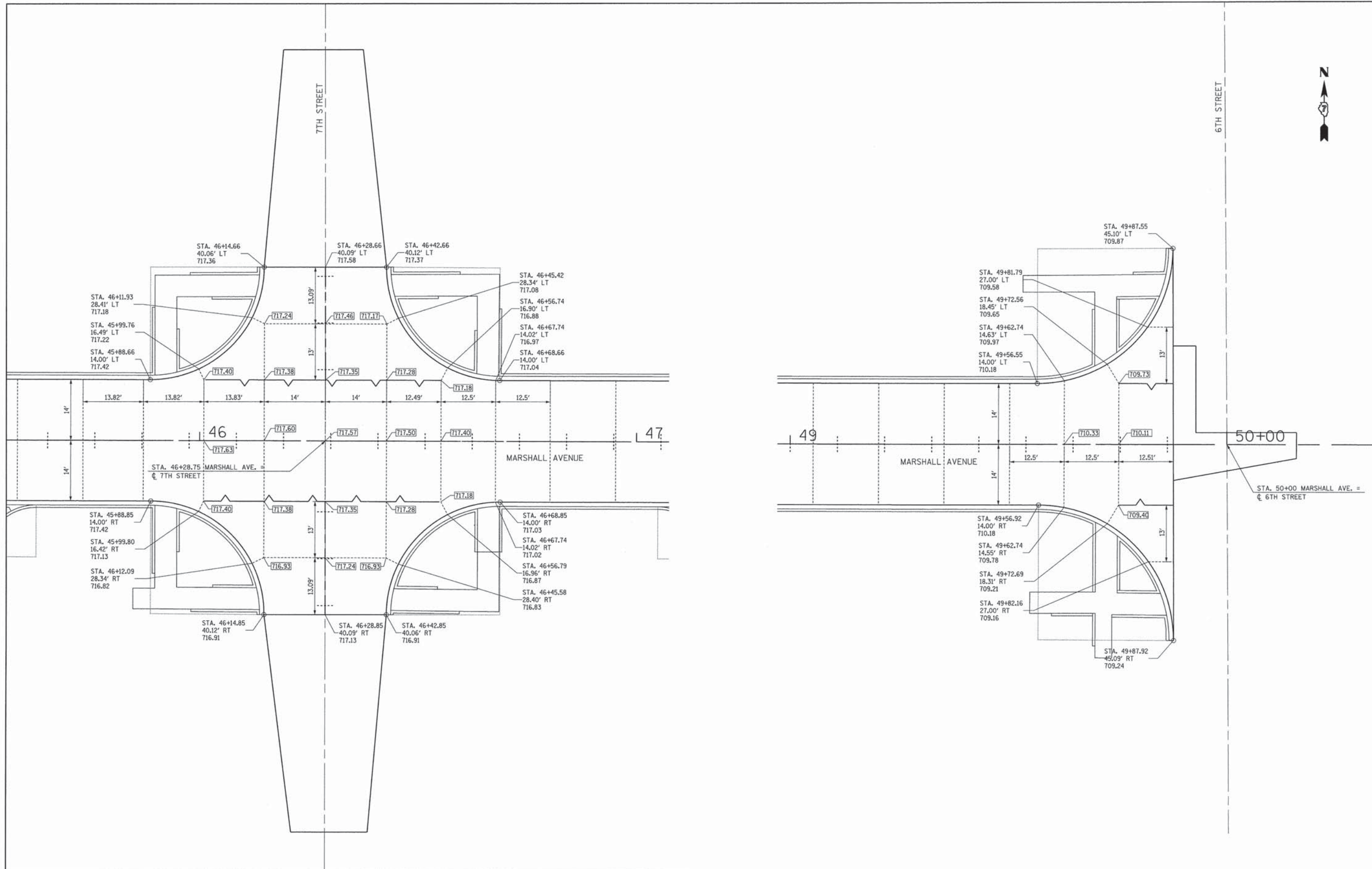
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	KEYED CONSTRUCTION JOINT
	LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED CONTRACTION JOINT

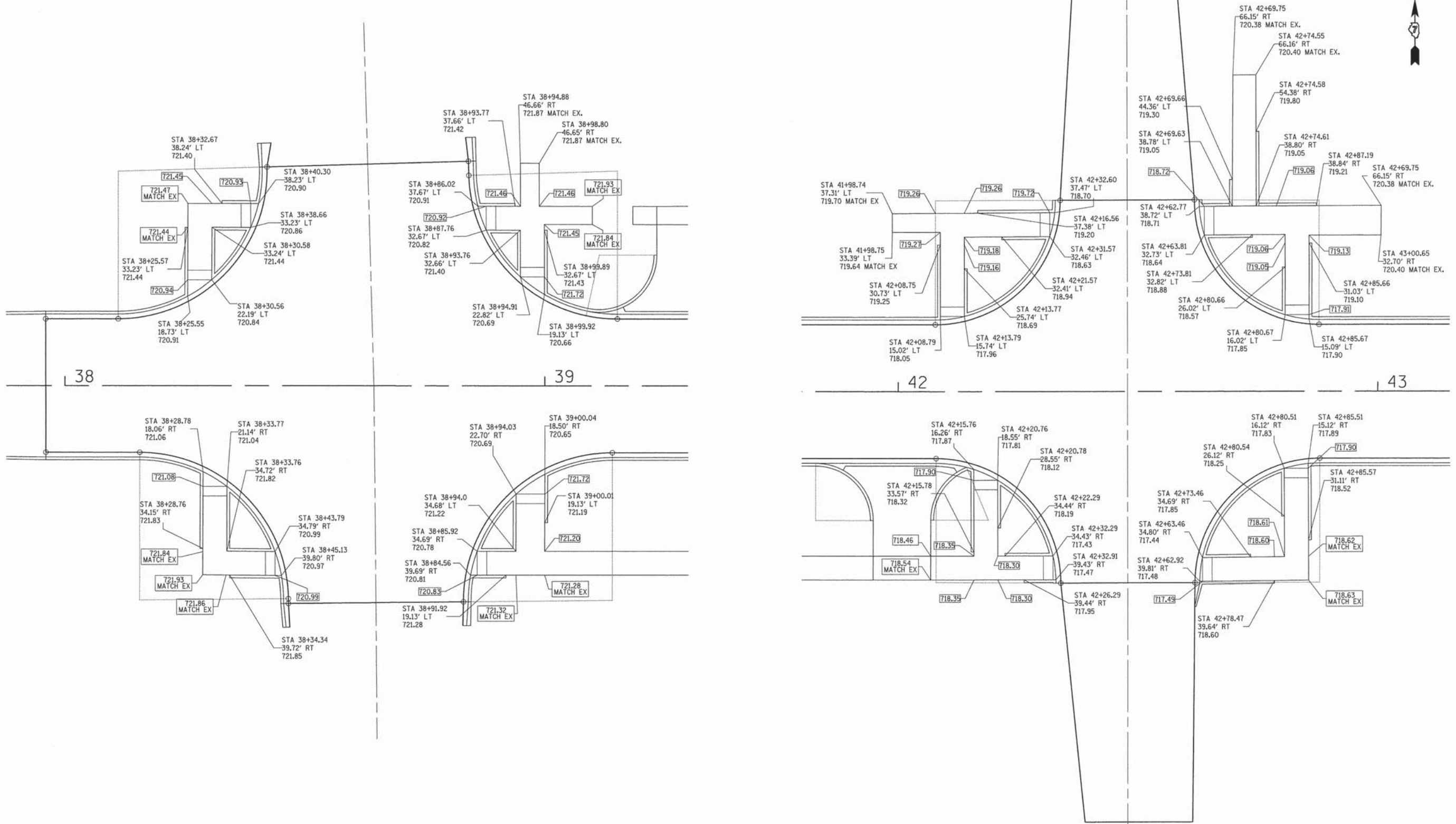
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PLOT DATE = 2/17/2016	DATE -	REVISIED -	REVISIED -					



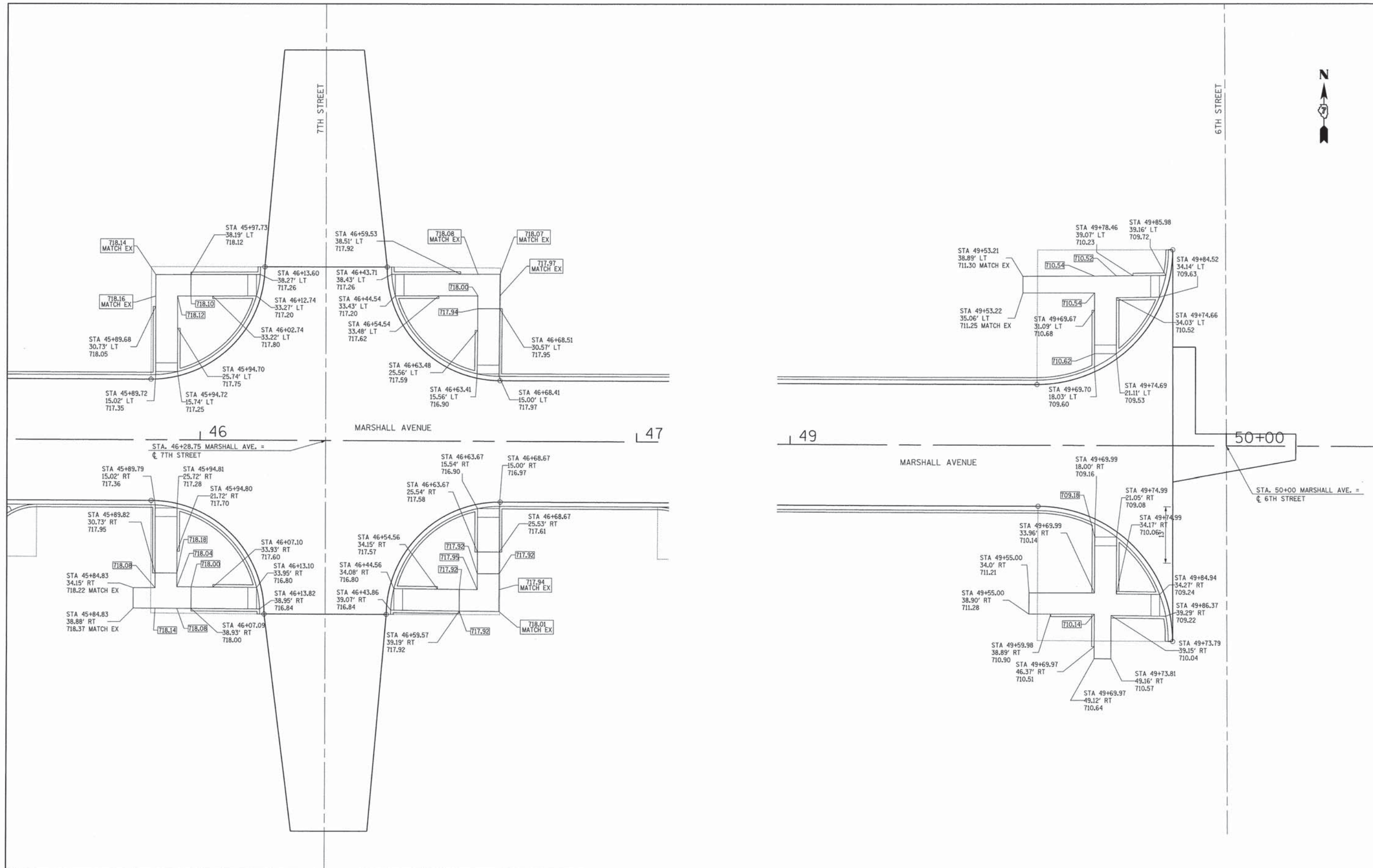
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PLOT SCALE = 10,000' / 1" = 100'	DRAWN -	REVISED -	36				19	
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	DATE -	REVISED -						
				PROJECT: 3115113				



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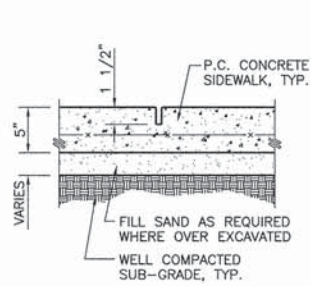


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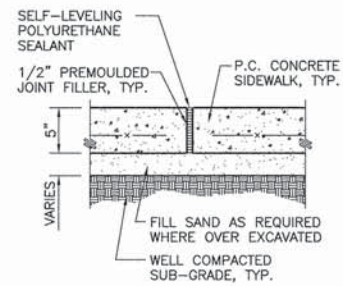
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**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / in. PROJECT: 3115113

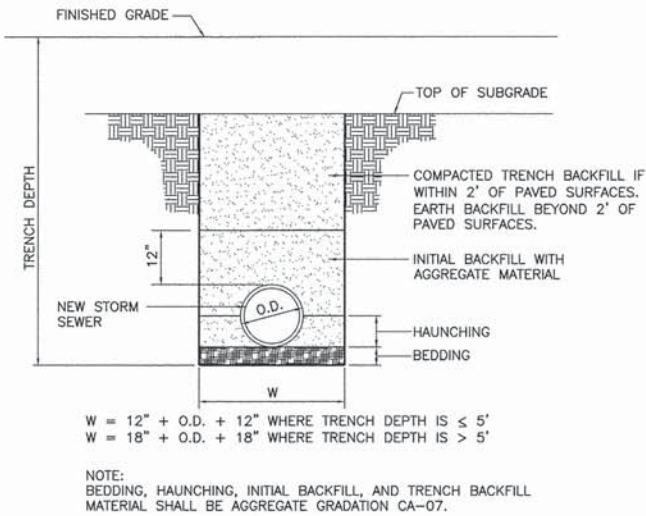
<b>SIDEWALK ELEVATIONS</b> 6TH STREET & 7TH STREET	TOTAL SHEETS 36	SHEET NO. 21
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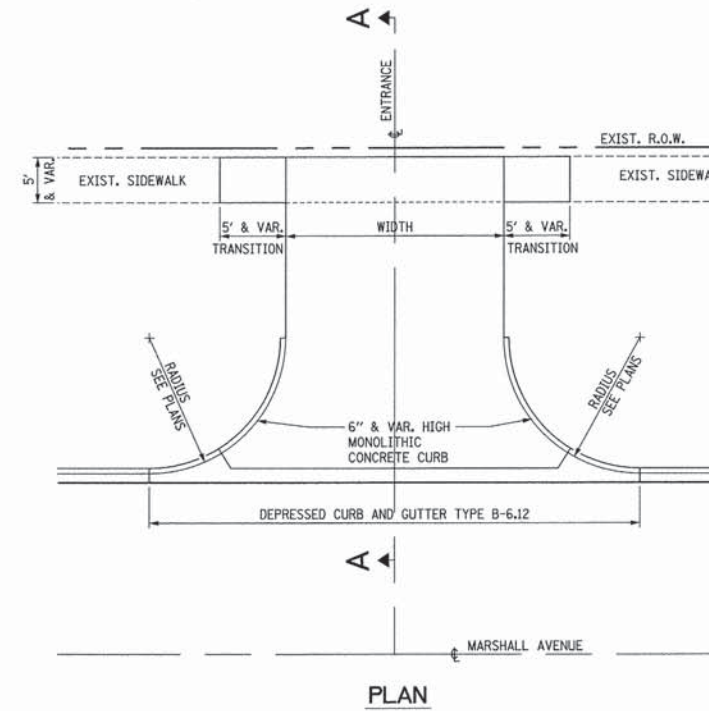
**1 SAWED / TOOLED JOINT**  
SIDEWALK: 5' MAX. JOINT SPACING



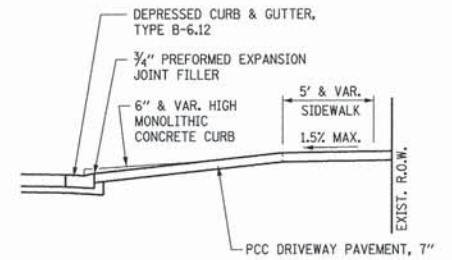
**2 EXPANSION JOINT**  
SIDEWALKS



**3 TRENCH DETAIL**

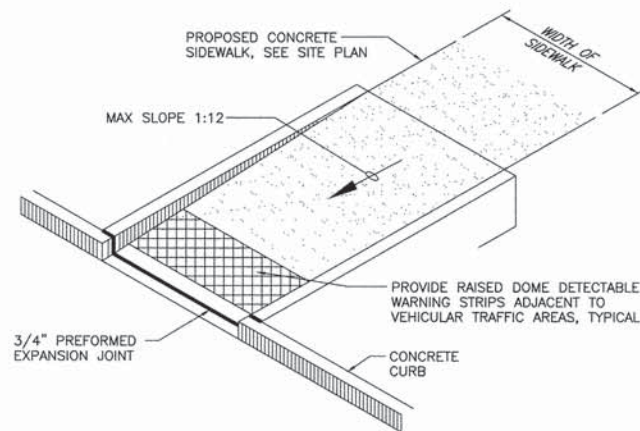


PLAN

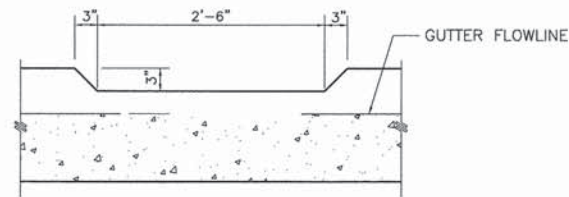


SECTION A-A

**4 TYPICAL ENTRANCE DETAIL**



**5 ADA RAMP**



**6 CURB CUT DETAIL**

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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 1  
6TH STREET TO 9TH STREET  
CITY OF MATTOON, ILLINOIS 61938

SCALE: 1.0000' / 1/4"

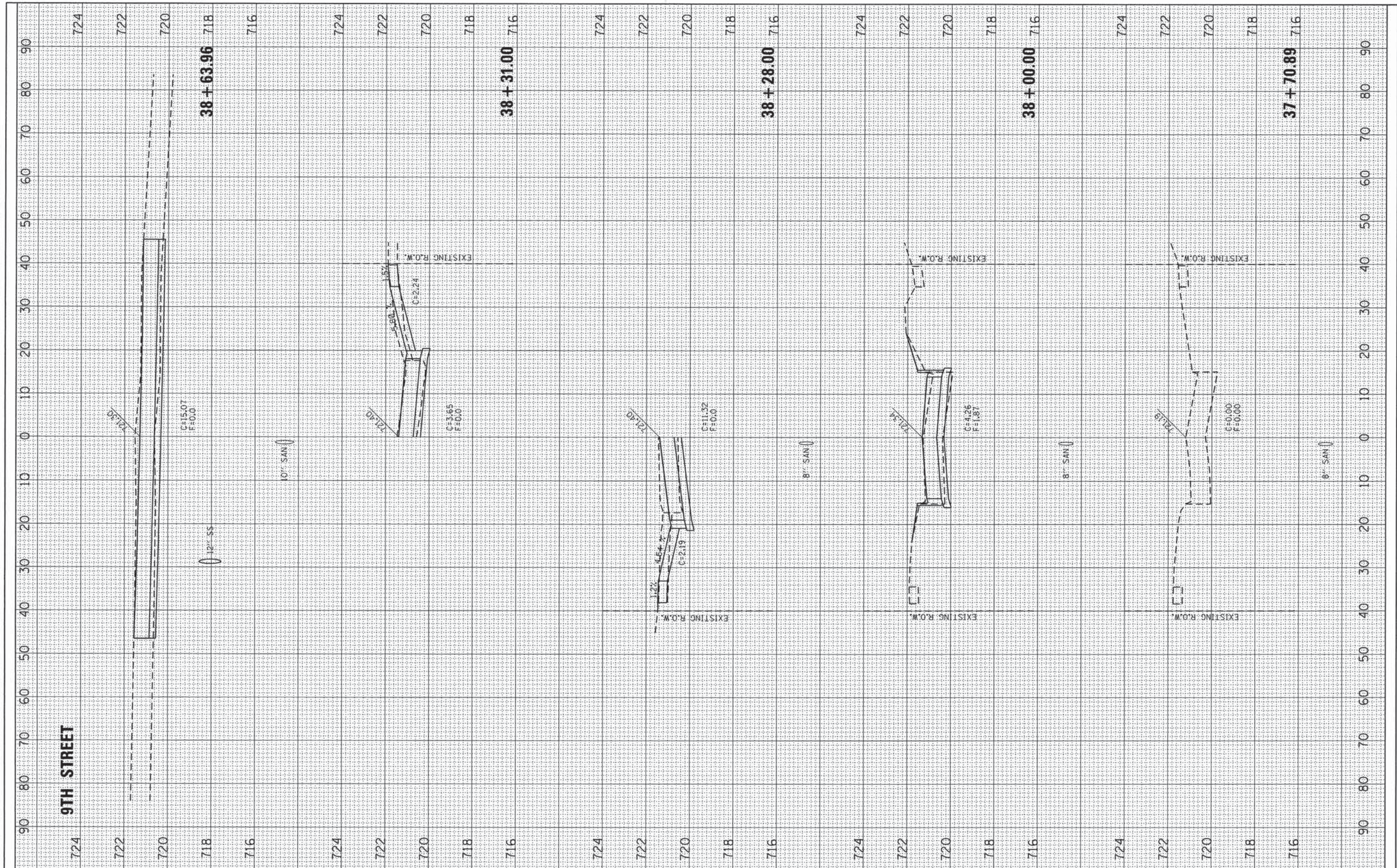
PROJECT: 3115113

DETAILS

TOTAL SHEETS	SHEET NO.
36	22

FINAL SURVEY SUBMITTED SURVEY PLOTTED TEMPLATE NO. AREAS CHECKED

FINAL SURVEY SUBMITTED SURVEY PLOTTED TEMPLATE NO. AREAS CHECKED



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DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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

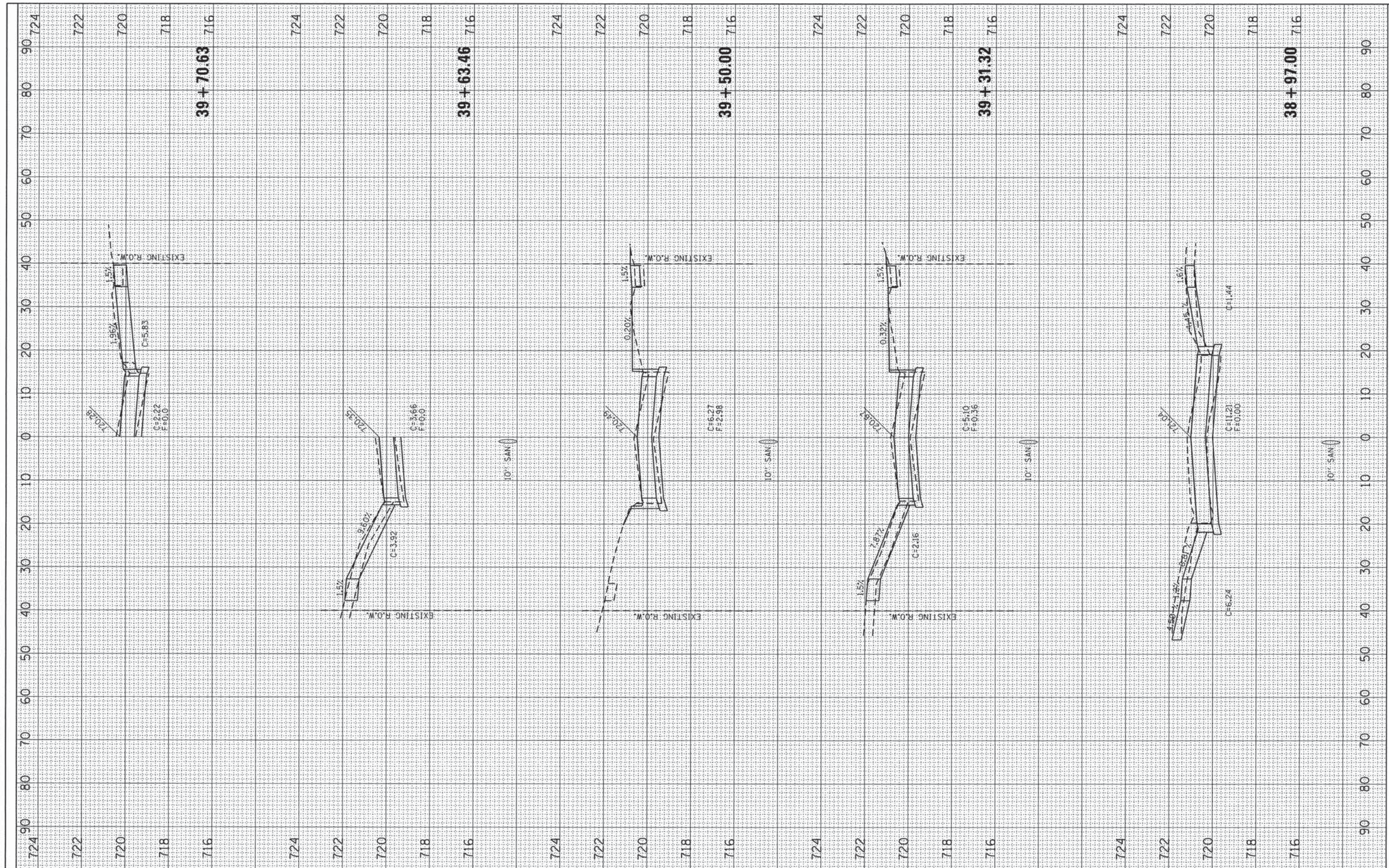
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / 1" PROJECT: 3115113 STA. 37+70.89 TO STA. 38+63.96

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS 36 SHEET NO. 23

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED



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 DRAWN -  
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 DATE -

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 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / in. PROJECT: 3115113  
 STA. 38+97.00 TO STA. 39+70.63

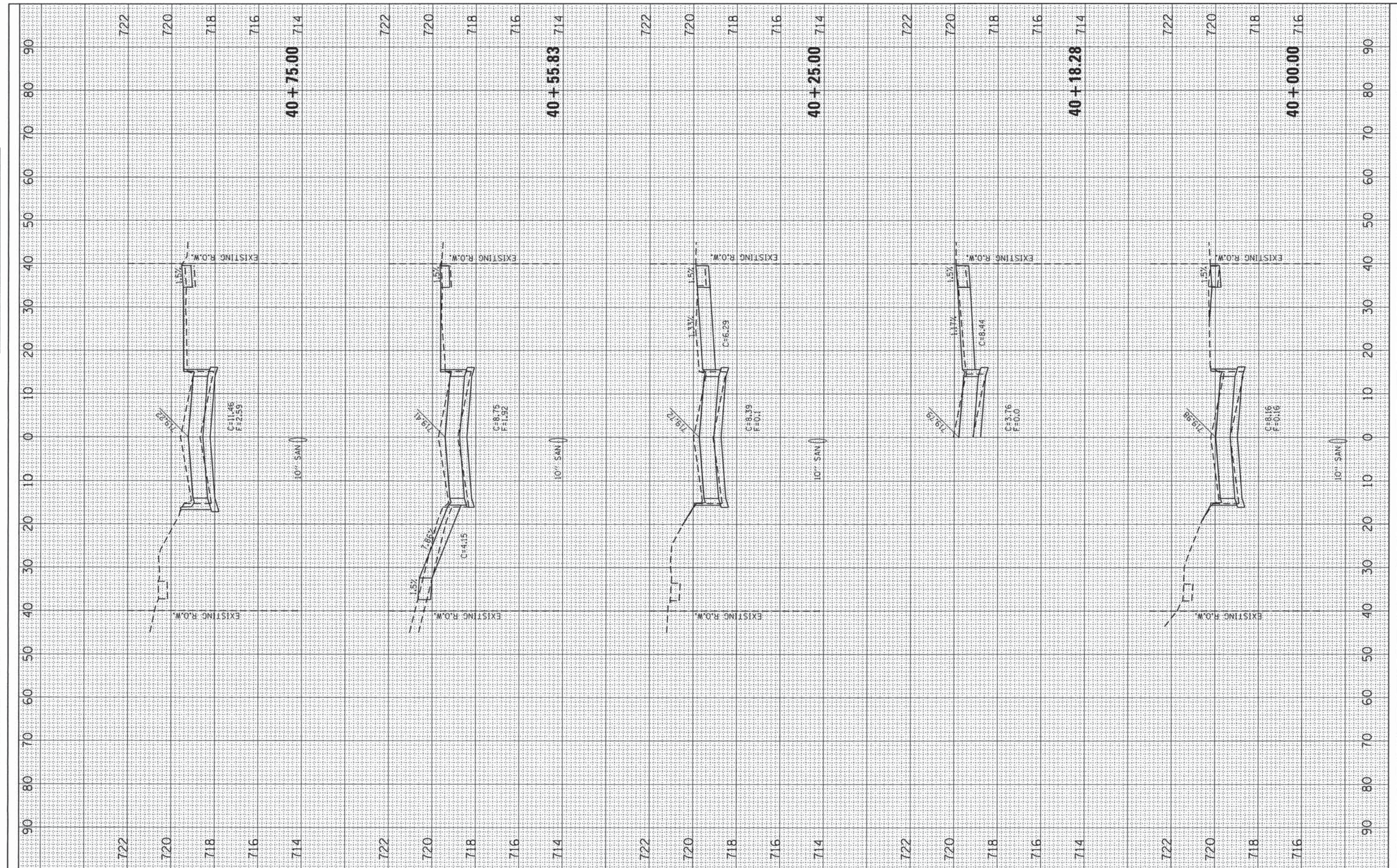
**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS: 36  
 SHEET NO.: 24



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 FINAL SURVEY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 TEMPLATE AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 TEMPLATE AREAS CHECKED: \_\_\_\_\_



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DATE -	REVISED -

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

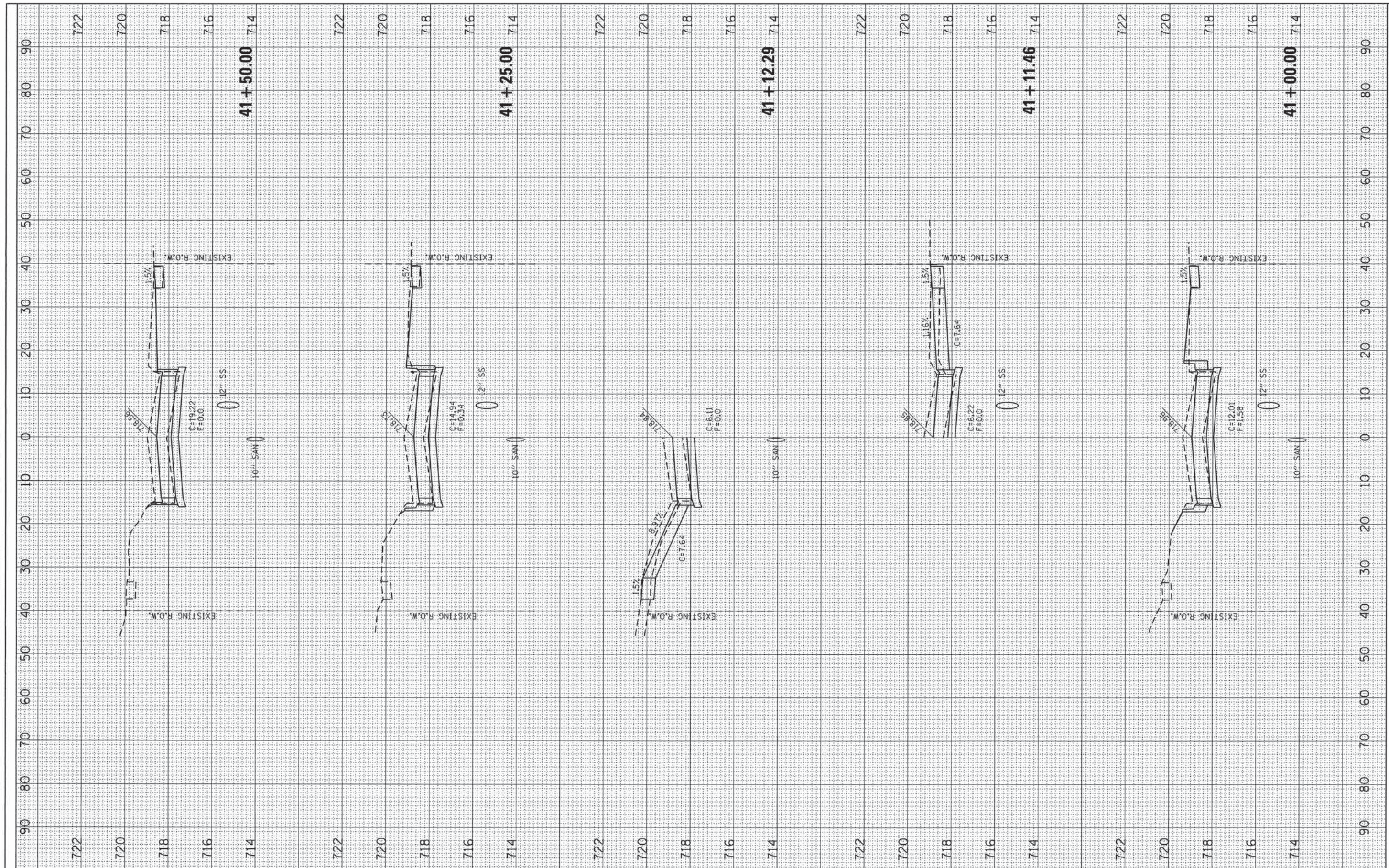
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10,0000' / 1" PROJECT: 3115113 STA. 40+00.00 TO STA. 40+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	25

FINAL SURVEY  
 EXISTING PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED

ORIGINAL SURVEY  
 EXISTING PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED



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 PLOT DATE = 2/17/2016

DESIGNED -	REVISED -
DRAWN -	REVISED -
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DATE -	REVISED -

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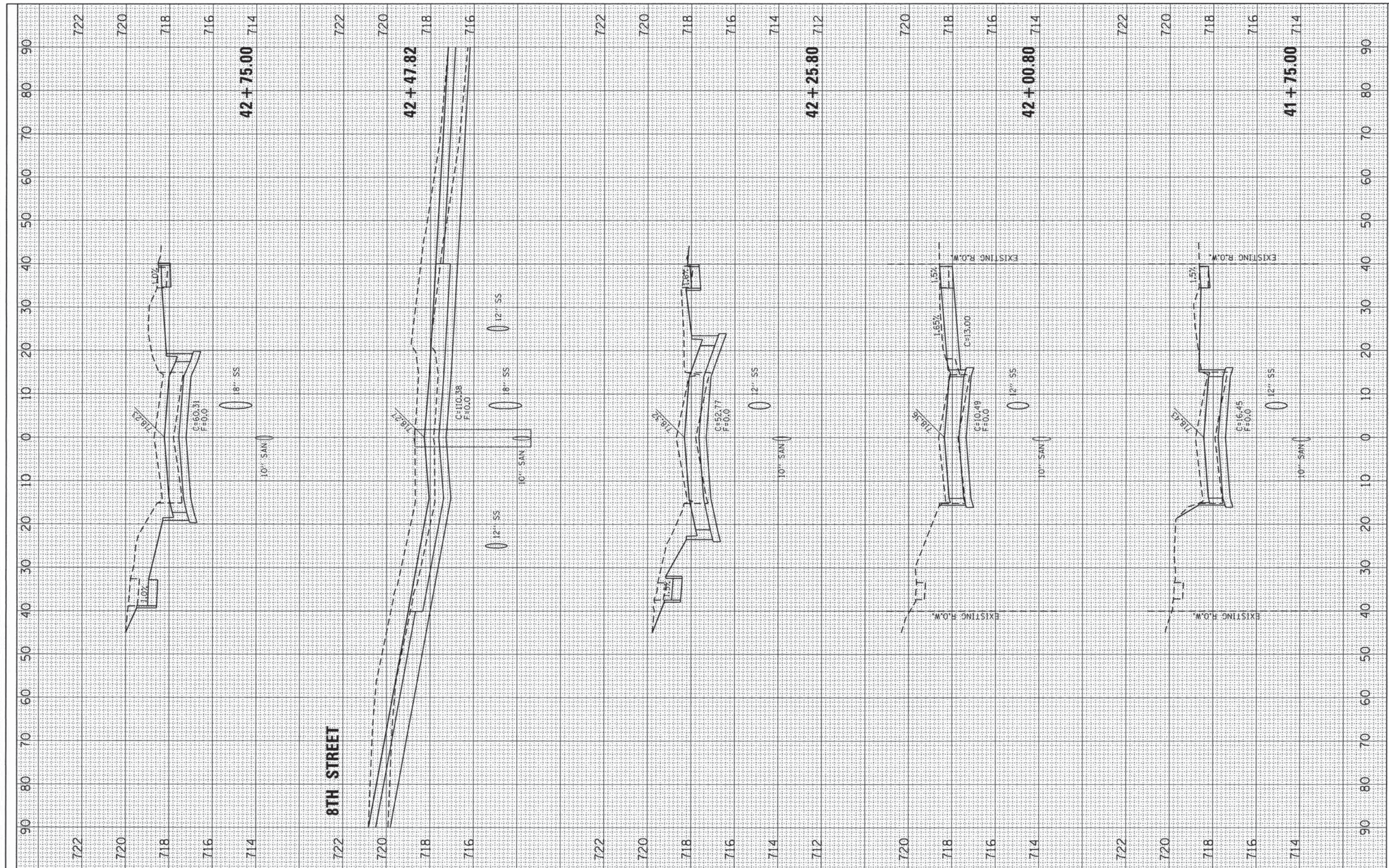
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / PROJECT: 3115113 STA. 41+00.00 TO STA. 41+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	26

FINAL SURVEY EXEMPTED FROM PLOTTED NOTE BOOK AREAS CHECKED

ORIGINAL SURVEY EXEMPTED FROM PLOTTED NOTE BOOK AREAS CHECKED



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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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

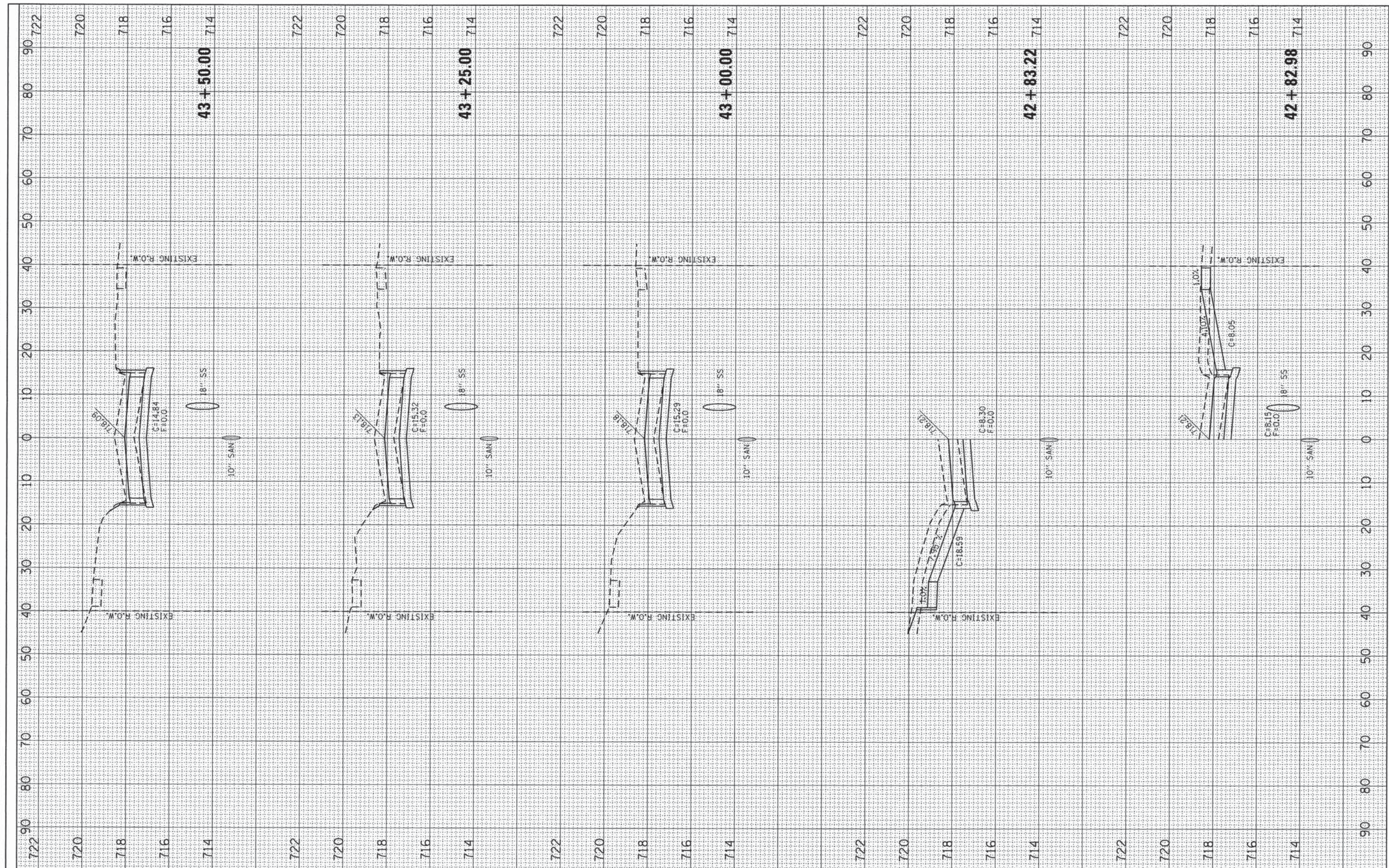
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10,0000 ' / IRRPROJECT: 3115113  
 STA. 41+75.00 TO STA. 42+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	27

FINAL SURVEY  
 SURVEY  
 NOTE BOOK  
 TEMPLATE  
 AREAS  
 AREAS CHECKED

ORIGINAL SURVEY  
 PLOTTED  
 TEMPLATE  
 AREAS  
 AREAS CHECKED



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DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 194-001401

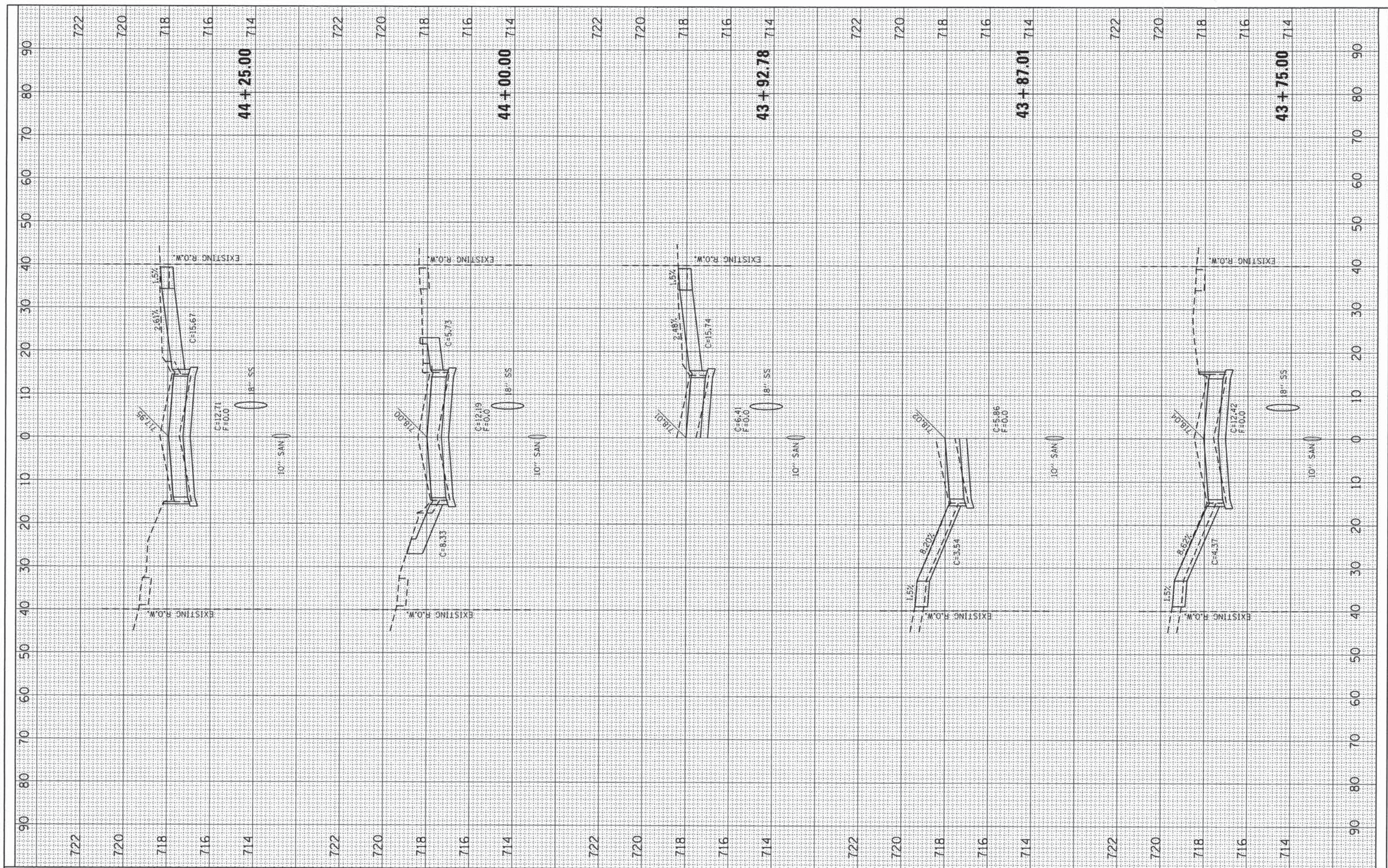
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 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / in. PROJECT: 3115113 STA. 42+82.98 TO STA. 43+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	28

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

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



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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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

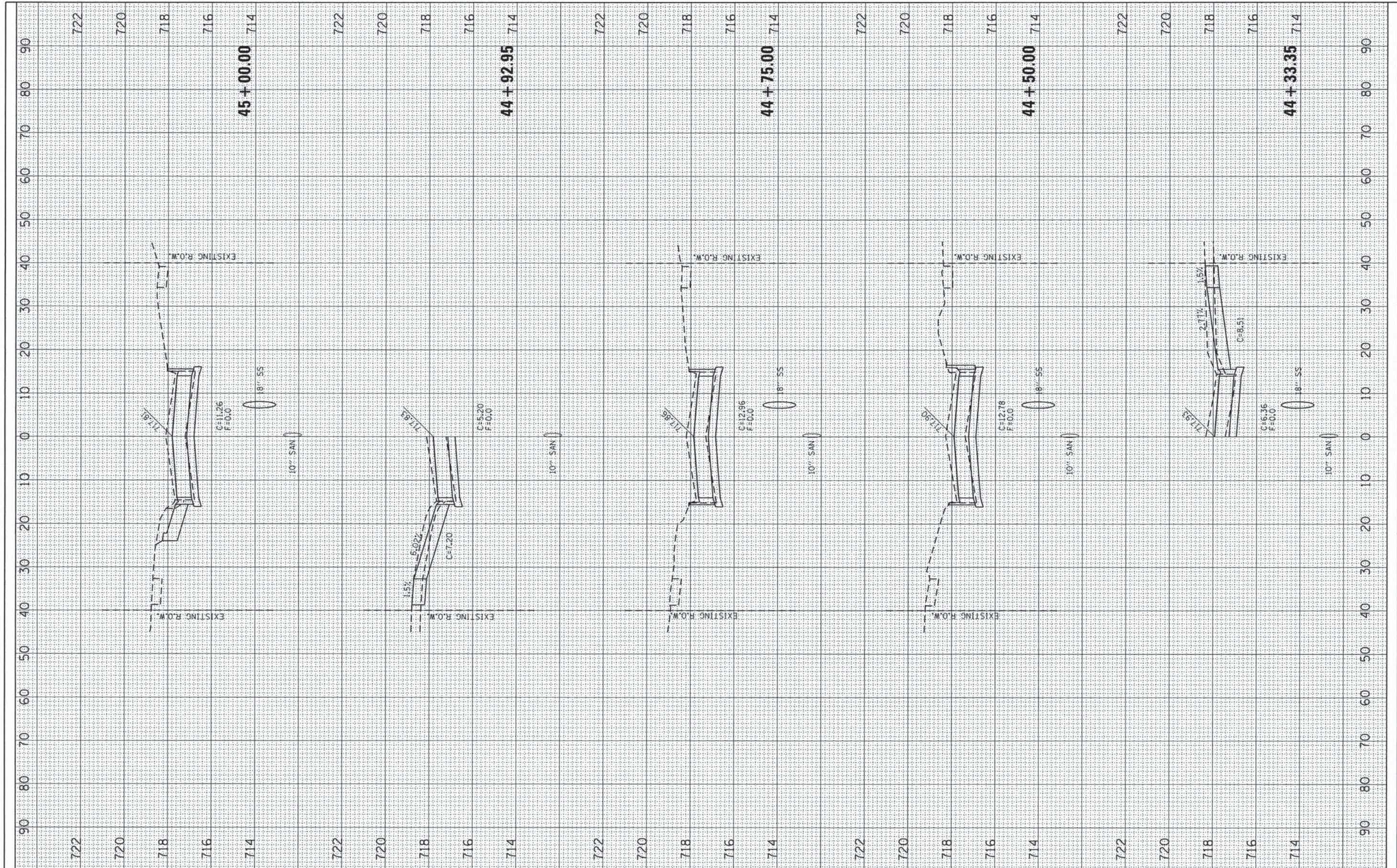
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / PROJECT: 3115113 STA. 43+75.00 TO STA. 44+25.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	29

FINAL SURVEY	BY	DATE
REVISIONS		
NO.		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
NO.		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		



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

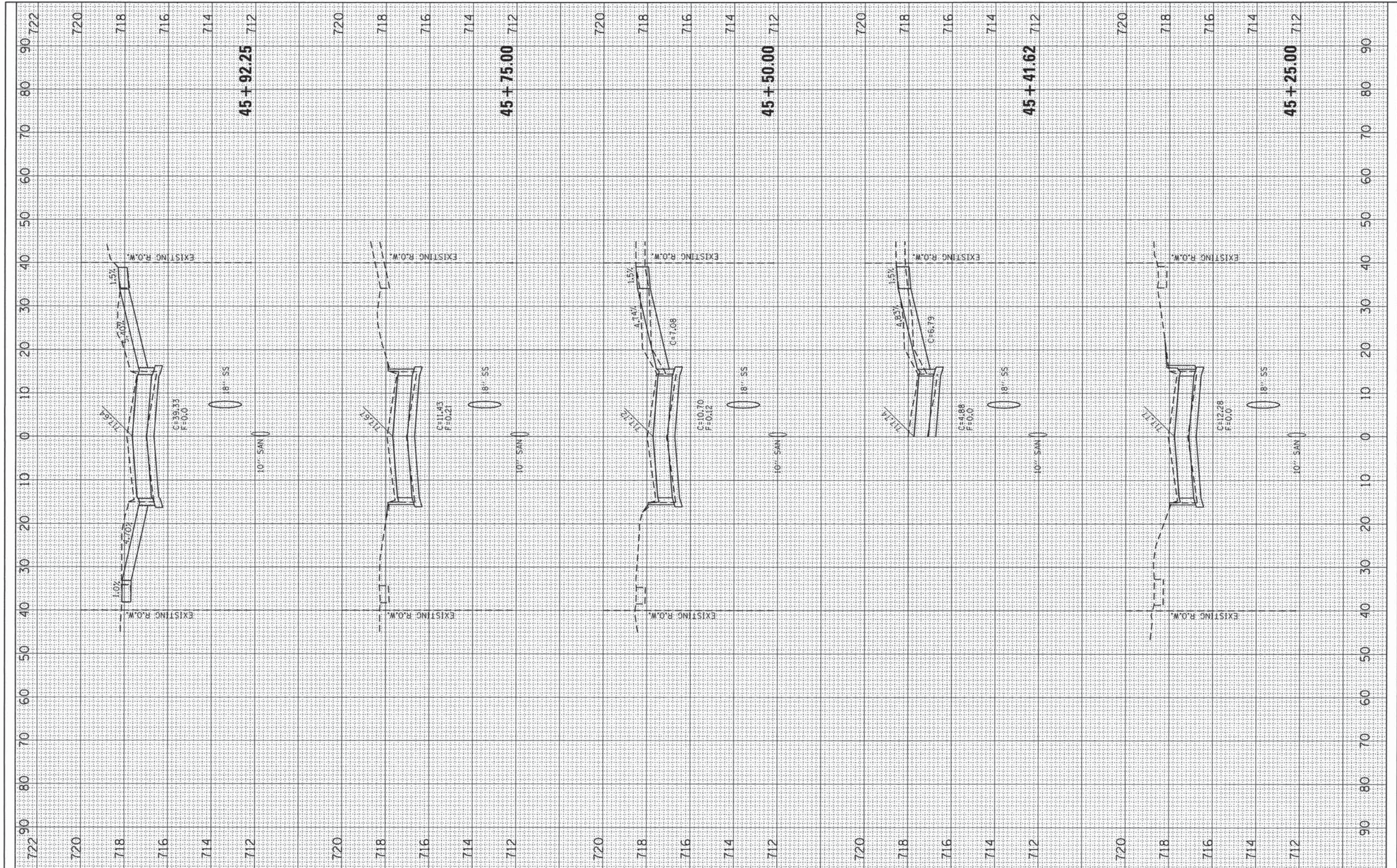
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / IN. PROJECT: 3115113 STA. 44+33.35 TO STA. 45+00.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	30

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

ORIGINAL SURVEY	FORWARDED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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FILE NAME = P:\Civil\Mattoon\Marshall Ave\Drawings\KS Sheets.dgn  
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DESIGNED -  
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 123 North 15th Street Mattoon, Illinois 61938  
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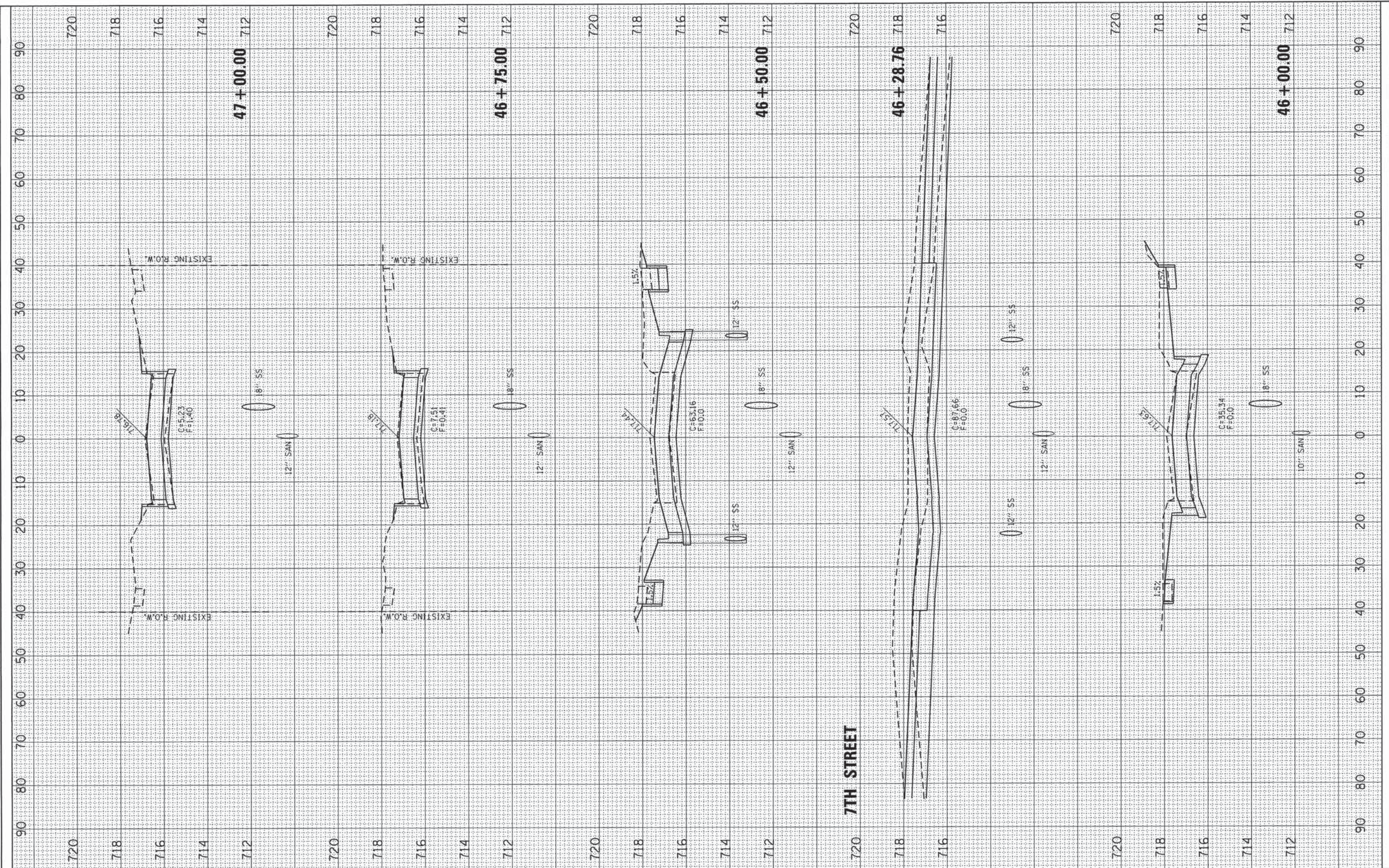
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 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / 1" PROJECT: 3115113 STA. 45+25.00 TO STA. 45+92.25

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	31

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

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



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DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

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Professional Design Firm Corporation License No. 184-003401	

**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10,0000' / 1" PROJECT: 3115113

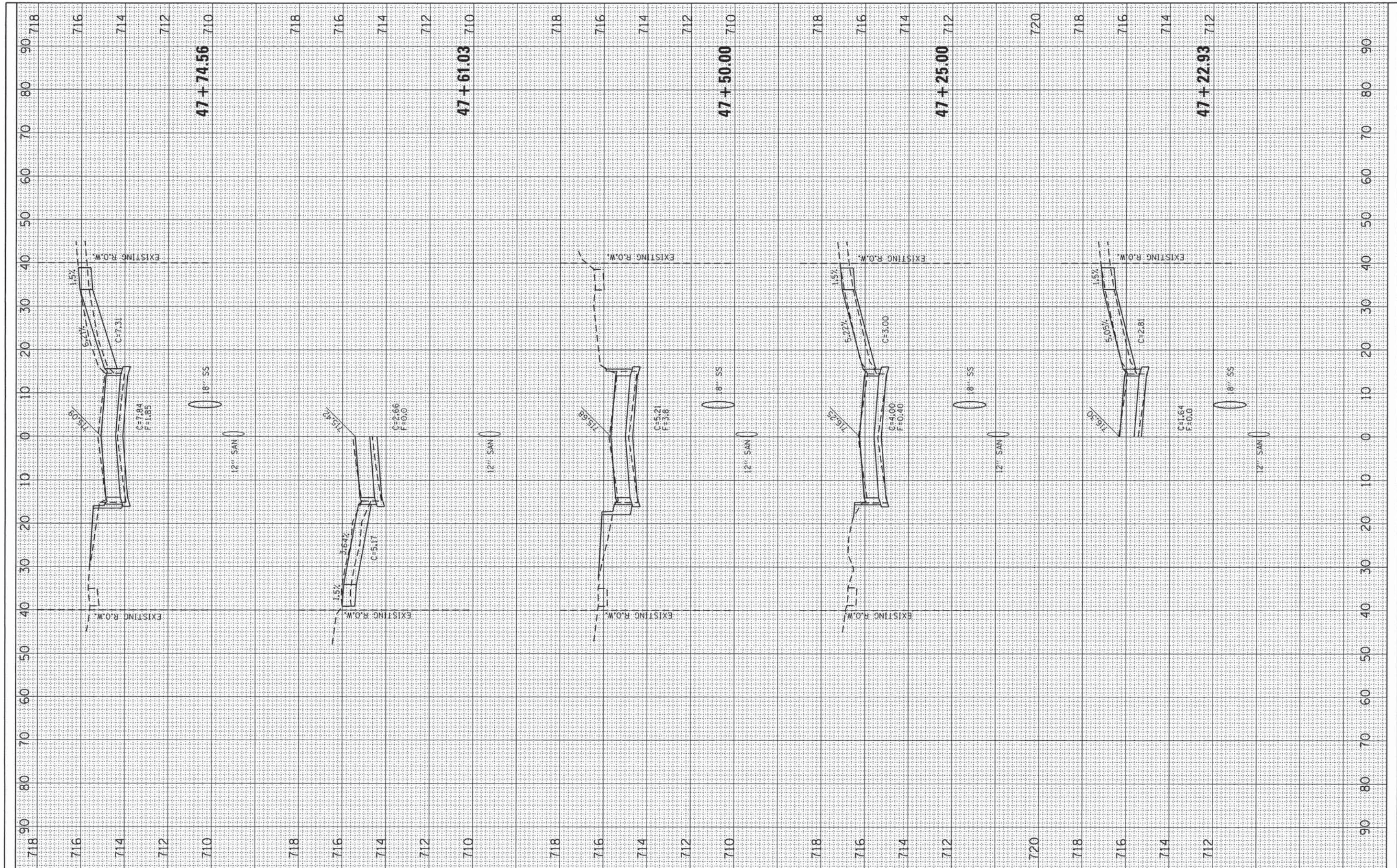
**MARSHALL AVENUE CROSS SECTIONS**  
 STA. 46+00.00 TO STA. 47+00.00

TOTAL SHEETS	36	SHEET NO.	32
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FINAL SURVEY	FORWARDED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

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



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 DRAWN -  
 CHECKED -  
 DATE -

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

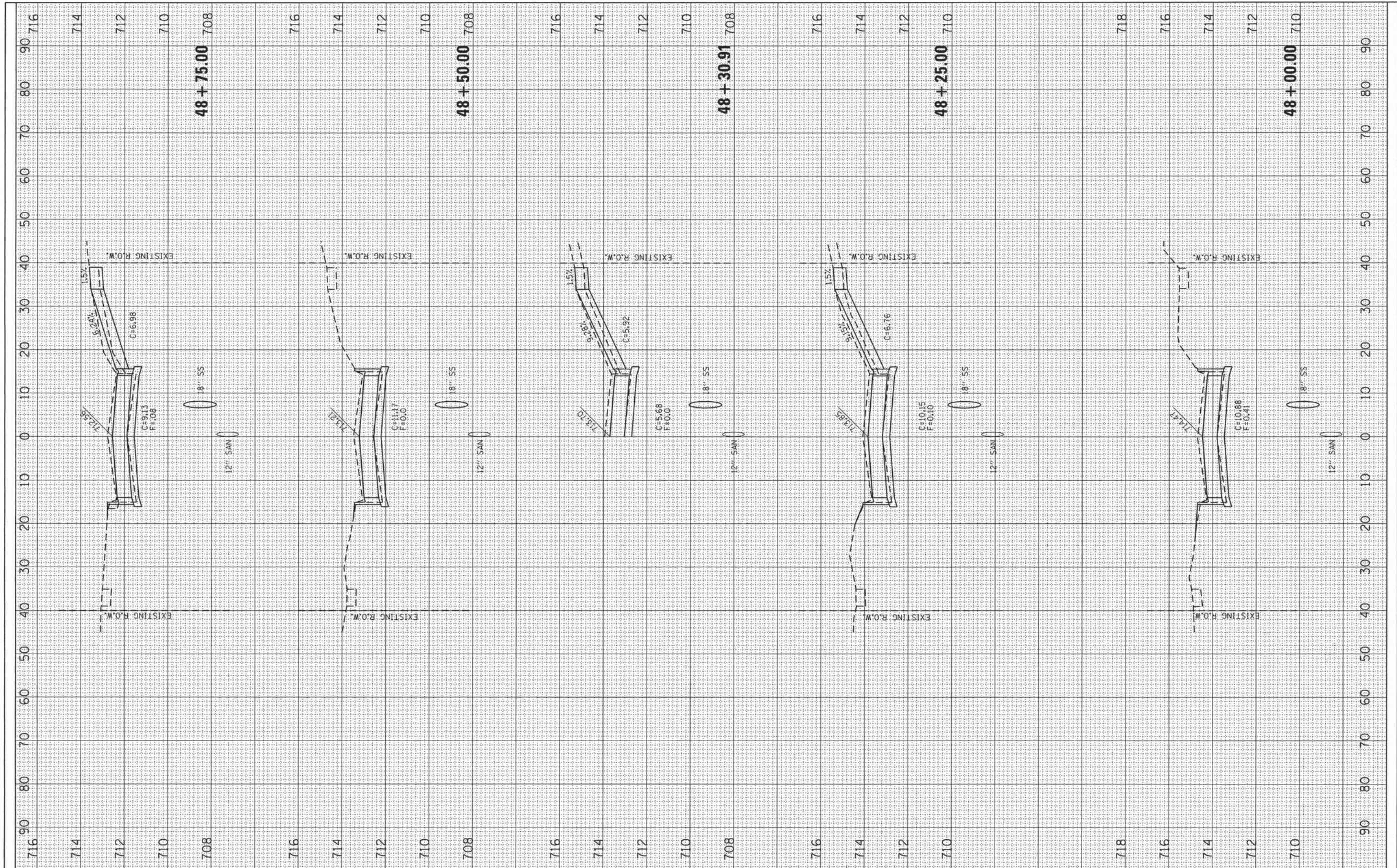
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / 1" PROJECT: 3115113 STA. 47+22.93 TO STA. 47+74.56

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	33

FINAL SURVEY	EXEMPTED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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ORIGINAL SURVEY	EXEMPTED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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 123 North 15th Street Mattoon, Illinois 61938  
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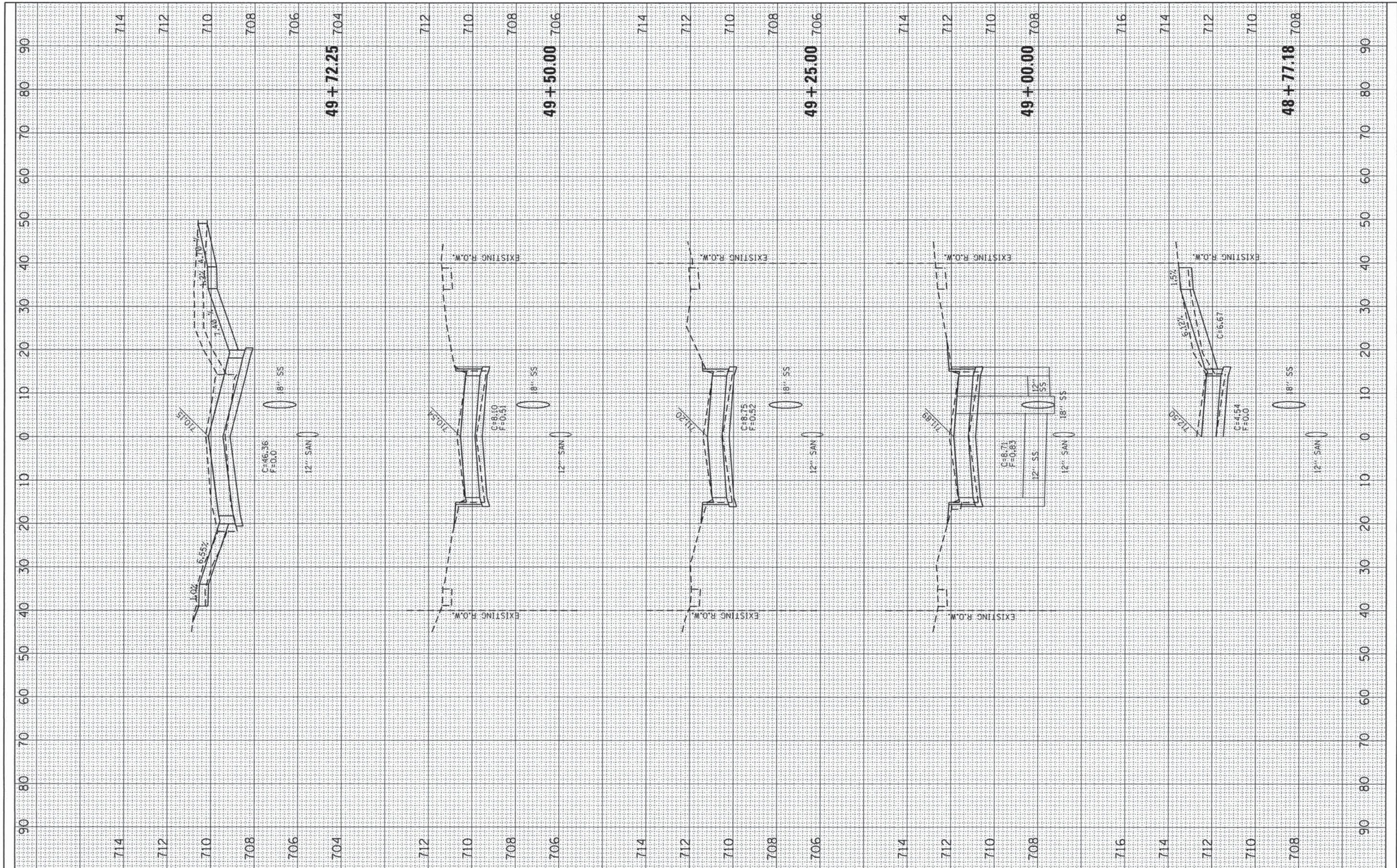
**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10,0000 ' / PROJECT: 3115113 STA. 48+00.00 TO STA. 48+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	34

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

ORIGINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
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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 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / in. PROJECT: 3115113  
 STA. 48+77.18 TO STA. 49+72.25

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	35

FINAL SURVEY	SUBMITTED
NOTE BOOK NO.	PLOTTED
	TEMPLATE AREAS CHECKED

ORIGINAL SURVEY	SUBMITTED
NOTE BOOK NO.	PLOTTED
	TEMPLATE AREAS CHECKED



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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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

**MARSHALL AVENUE RECONSTRUCTION - PHASE 1**  
 6TH STREET TO 9TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 10.0000' / in. PROJECT: 3115113 STA. 49+87.95 TO STA. 49+87.95

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
36	36