

PLANS OF PROPOSED IMPROVEMENT ON THE  
**PRIMARY ROAD SYSTEM**  
**BUCHANAN COUNTY**  
**PCC SIDEWALK/TRAIL**  
In Fairbank (ADA - District 6)  
from Fairbank Street  
to east of 4th Street  
SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.

This project is covered by the Iowa Department of Natural Resources NPDES General Permit No. 2. The contractor shall carry out the terms and conditions of General Permit No. 2 and the storm water pollution prevention plan which is a part of these contract documents. Refer to the Standard Specifications for additional information.



REVISIONS

TOTAL	92
PROJECT IDENTIFICATION NUMBER	20-10-281-010
PROJECT NUMBER	STPN-281-2(8)--2J-10
R.O.W. PROJECT NUMBER	STPN-281-2(9)--2J-10

INDEX OF SHEETS	
No.	DESCRIPTION
<b>A Sheets</b>	<b>Title Sheets</b>
A.1	Title Sheet
A.2	Location Map Sheet
<b>B Sheets</b>	<b>Typical Cross Sections and Details</b>
B.1 - 4	Typical Cross Sections and Details
<b>C Sheets</b>	<b>Quantities and General Information</b>
C.5	Project Description
C.1 - 4	Estimated Project Quantities
C.1 - 4	Estimate Reference Information
C.5	Standard Road Plans
C.5	Index of Tabulations
C.5 - 9	Tabulations (beg. with tab. of incidentals if needed)
<b>D Sheets</b>	<b>Mainline Plan and Profile Sheets</b>
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 16	Fairbank ADA & HMA Plan Sheets
<b>G Sheets</b>	<b>Survey Sheets</b>
G.1	Benchmarks and Centerline Data
<b>H Sheets</b>	<b>Right-of-Way Sheets</b>
H.1 - 15	Fairbank Right-of-Way Sheets
<b>J Sheets</b>	<b>Traffic Control and Staging Sheets</b>
* J.1	Traffic Control Plan
<b>RR Sheets</b>	<b>Erosion Control Sheets</b>
RC.1 - 2	Est. Quantities, PPP, General Notes and Tabulations
* RR.1	Erosion Control Legend and Symbol Information Sheet
* RR.2 - 17	Drainage Basin and Erosion Control Device Maps
<b>S Sheets</b>	<b>Sidewalk Sheets</b>
* S .1	Sidewalk Legend & Symbol Information Sheet
* S .2 - 25	Sidewalk Plan Sheets
	* Color Plan Sheets

DESIGN DATA RURAL			
2023	AADT	2,400	V.P.D.
2043	AADT	2600	V.P.D.
20	-- DHV	--	V.P.H.
	TRUCKS	12	%
	Total		
	Design ESALs	--	

INDEX OF SEALS		
SHEET NO.	NAME	TYPE
A.1	Mark Durbahn	Primary Signature Block
G.1	Jon Biederman	Primary Signature Block

LICENSED PROFESSIONAL ENGINEER

MARK DURBAHN  
13157

IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

*Mark Durbahn* 10/17/22  
Signature Date

MARK DURBAHN  
Printed or Typed Name

My license renewal date is December 31, 2022

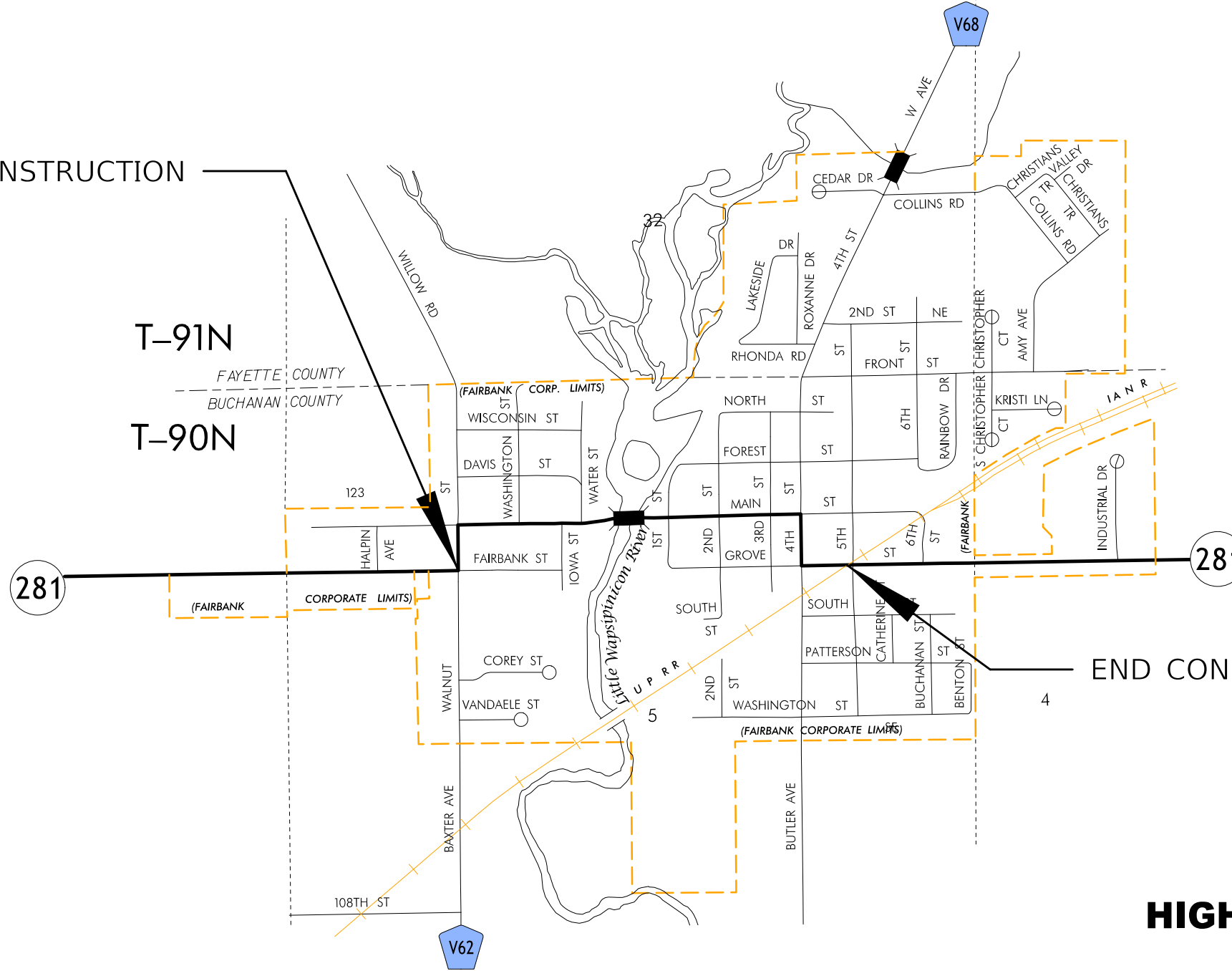
Pages or sheets covered by this seal: **All Sheets Except G.1**

BEGIN CONSTRUCTION

T-91N

T-90N

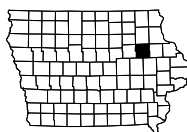
R-10W

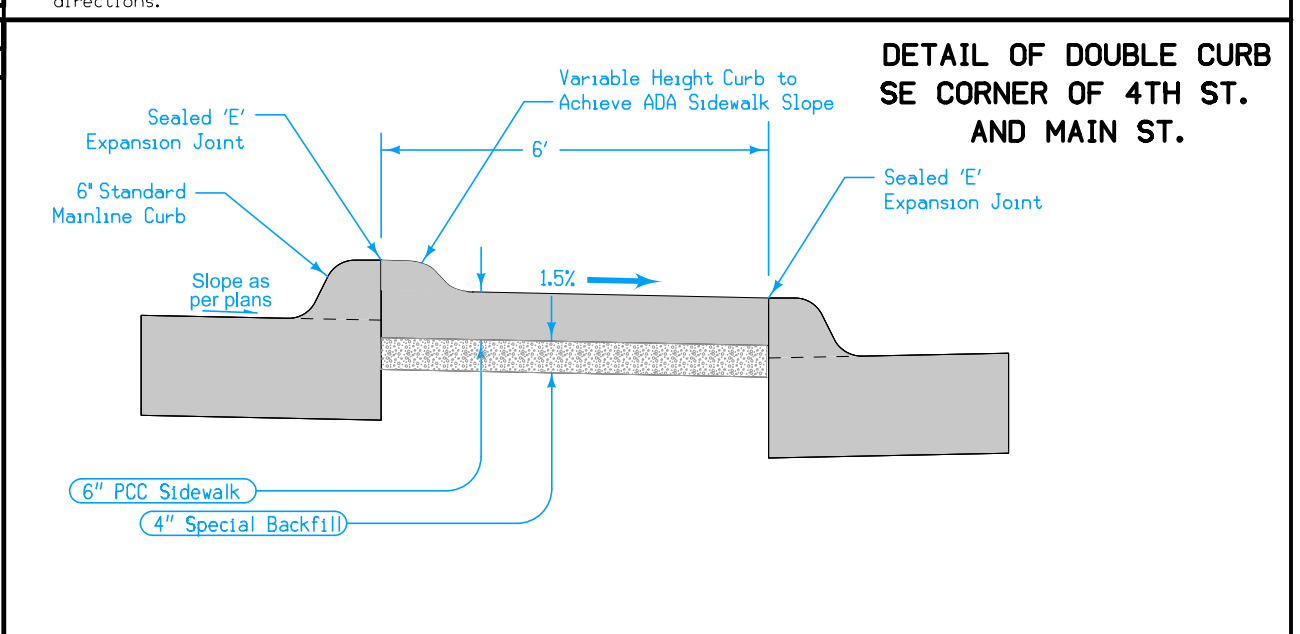
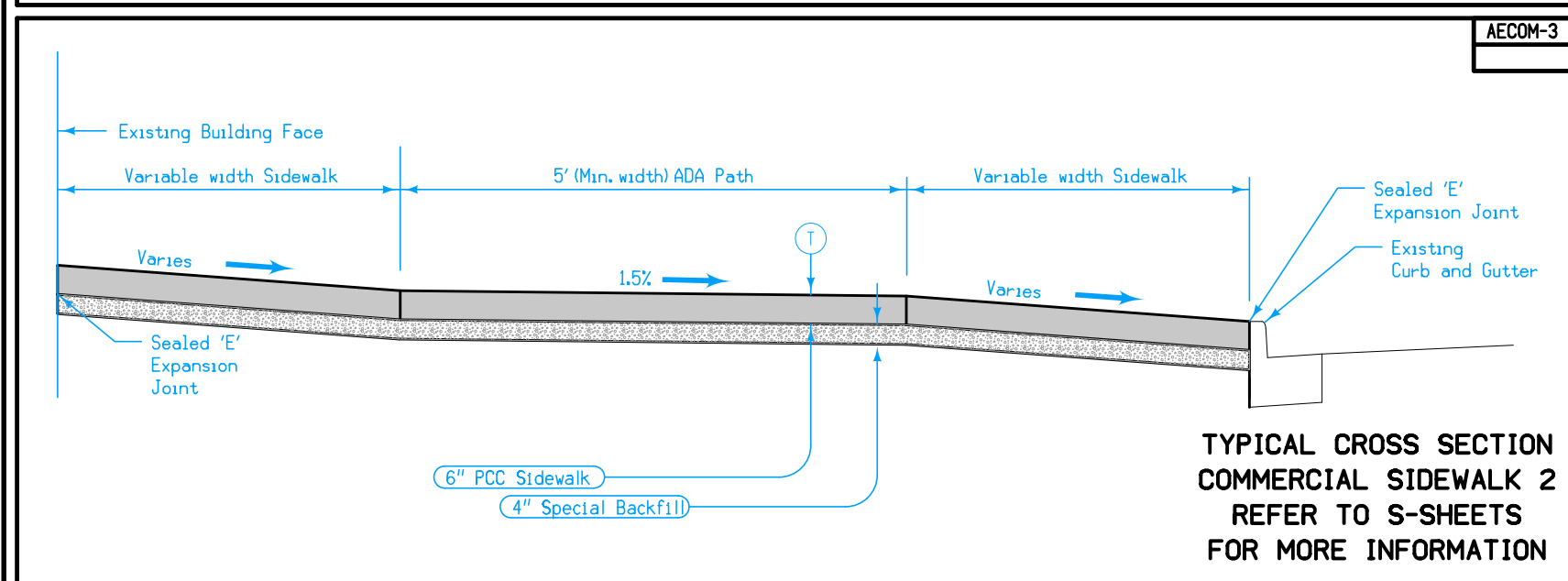
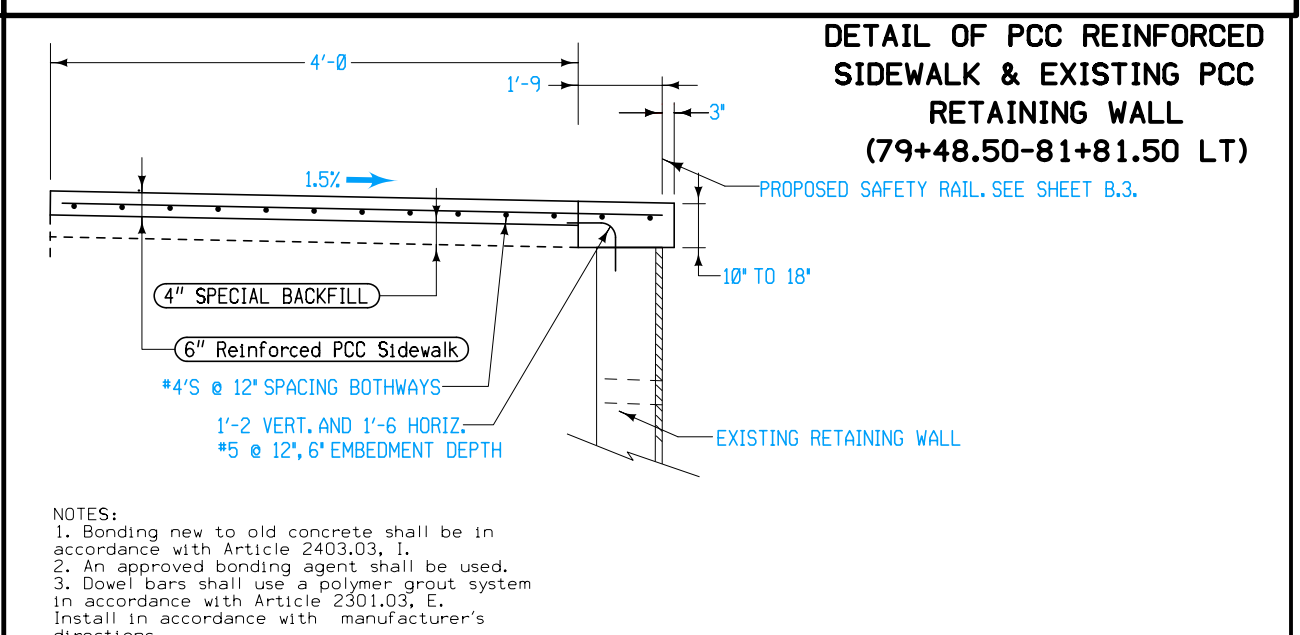
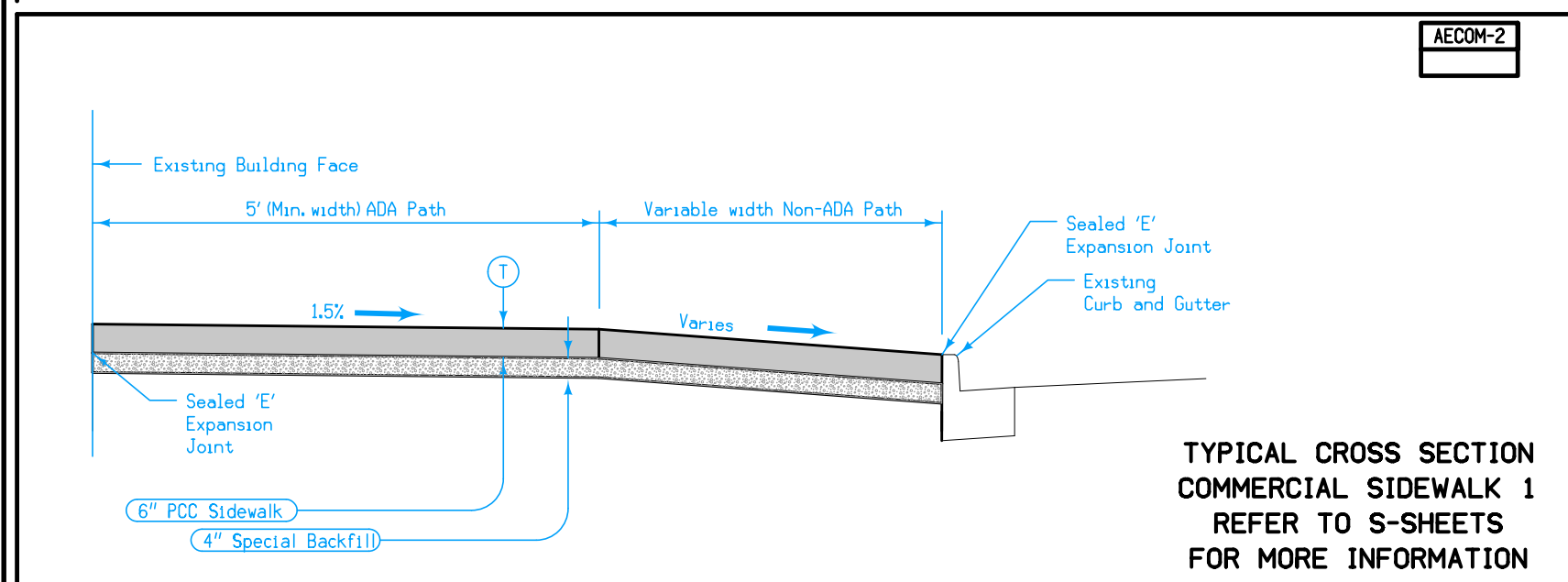
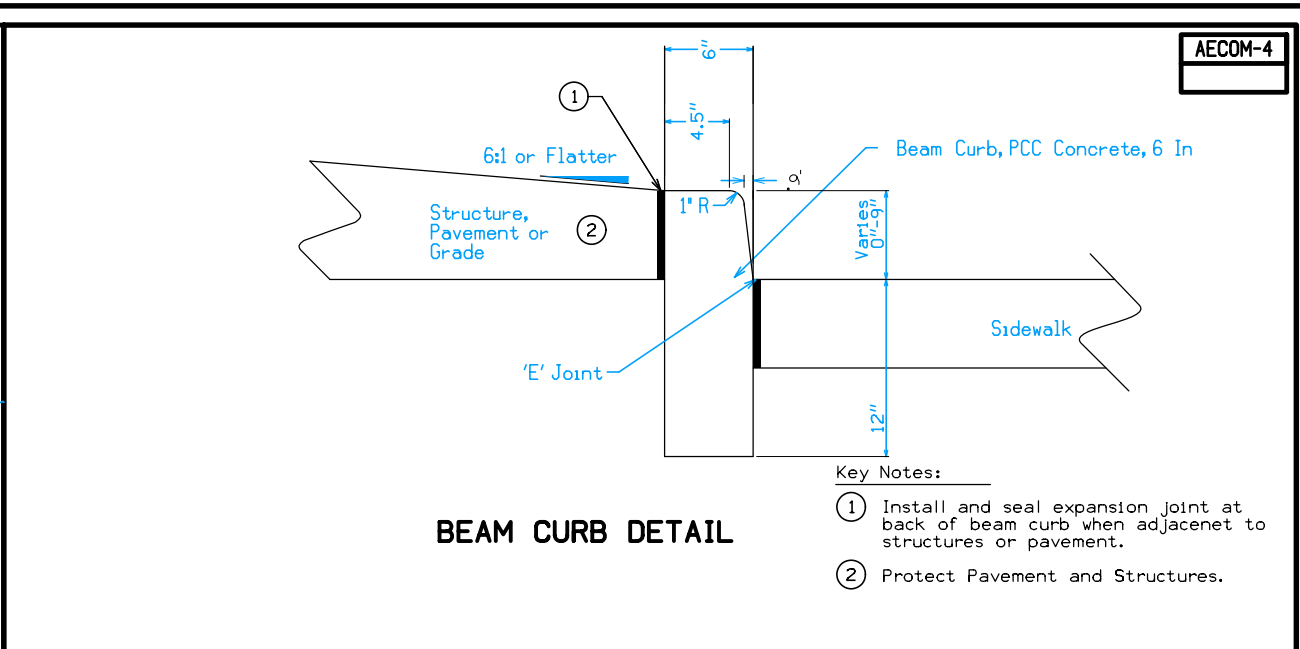
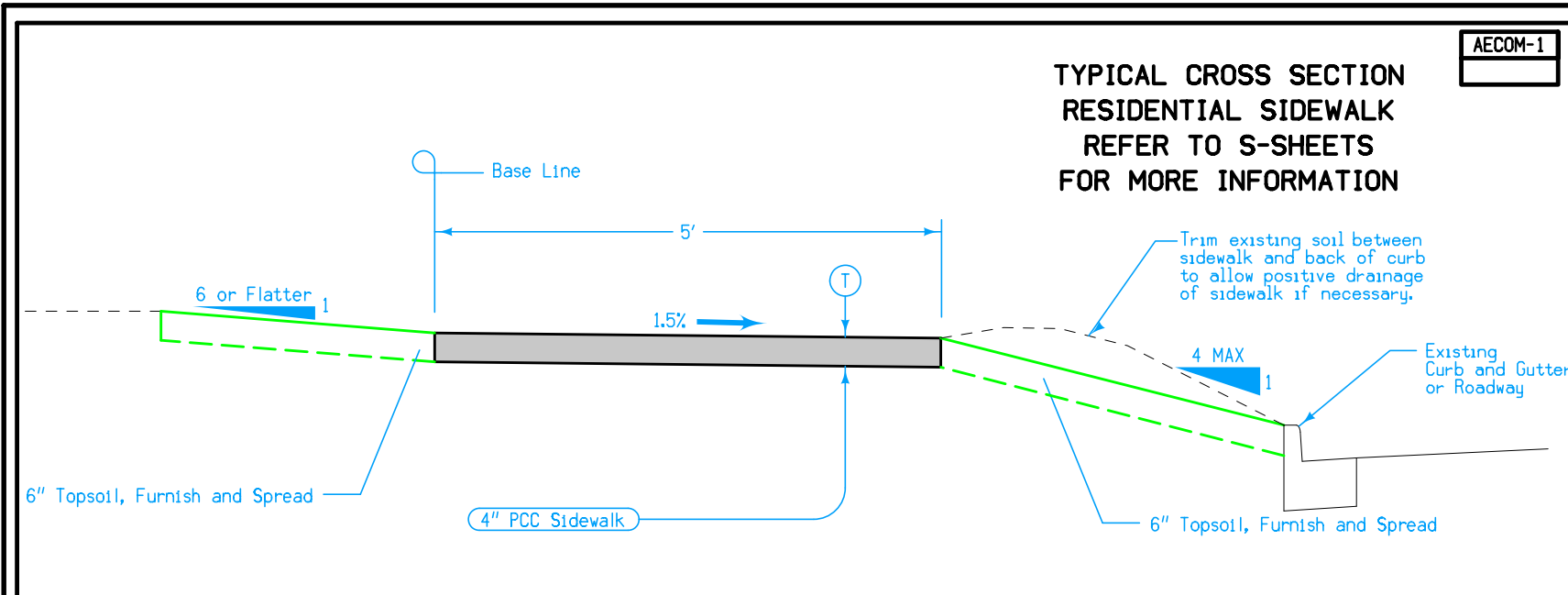


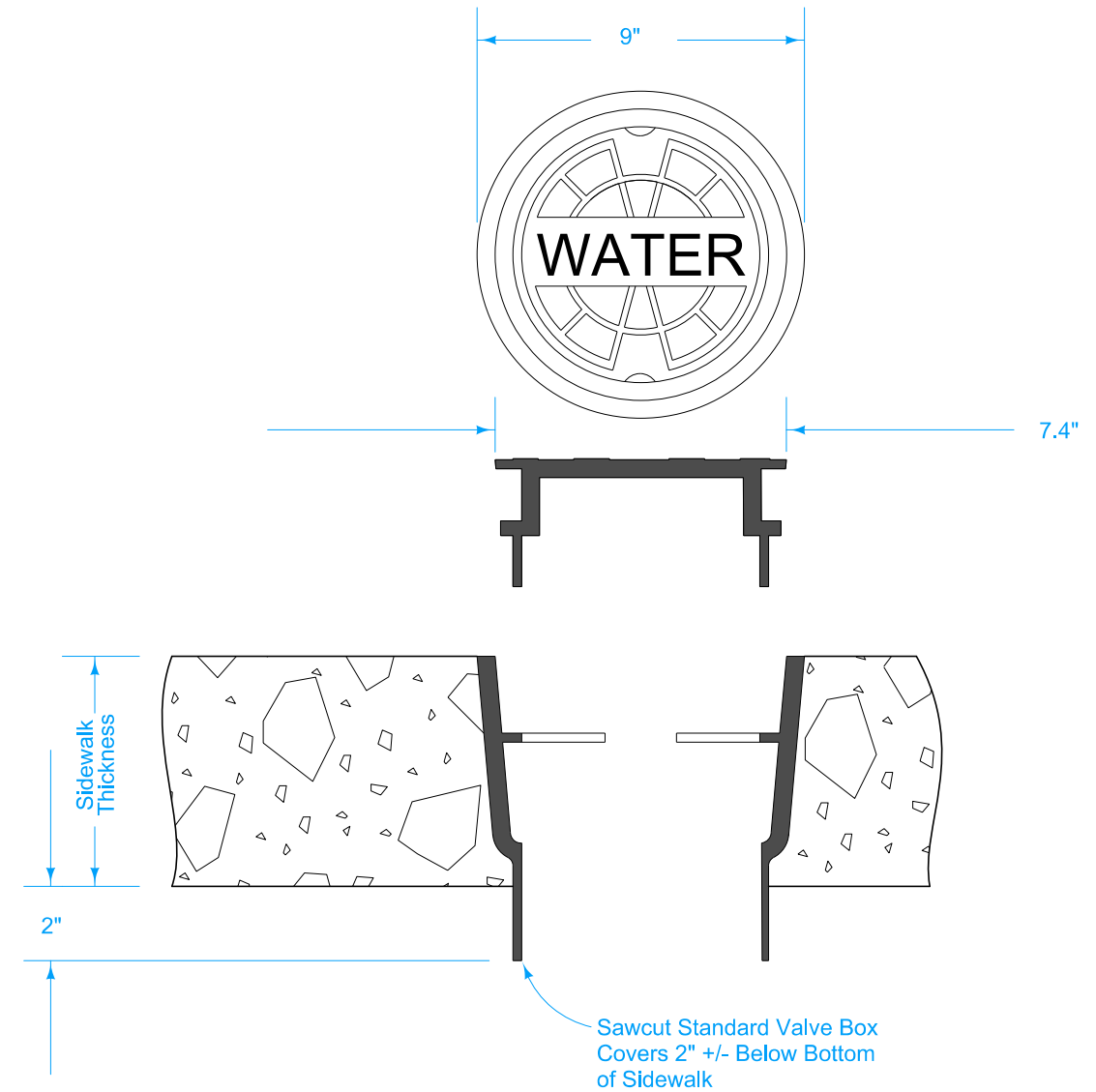
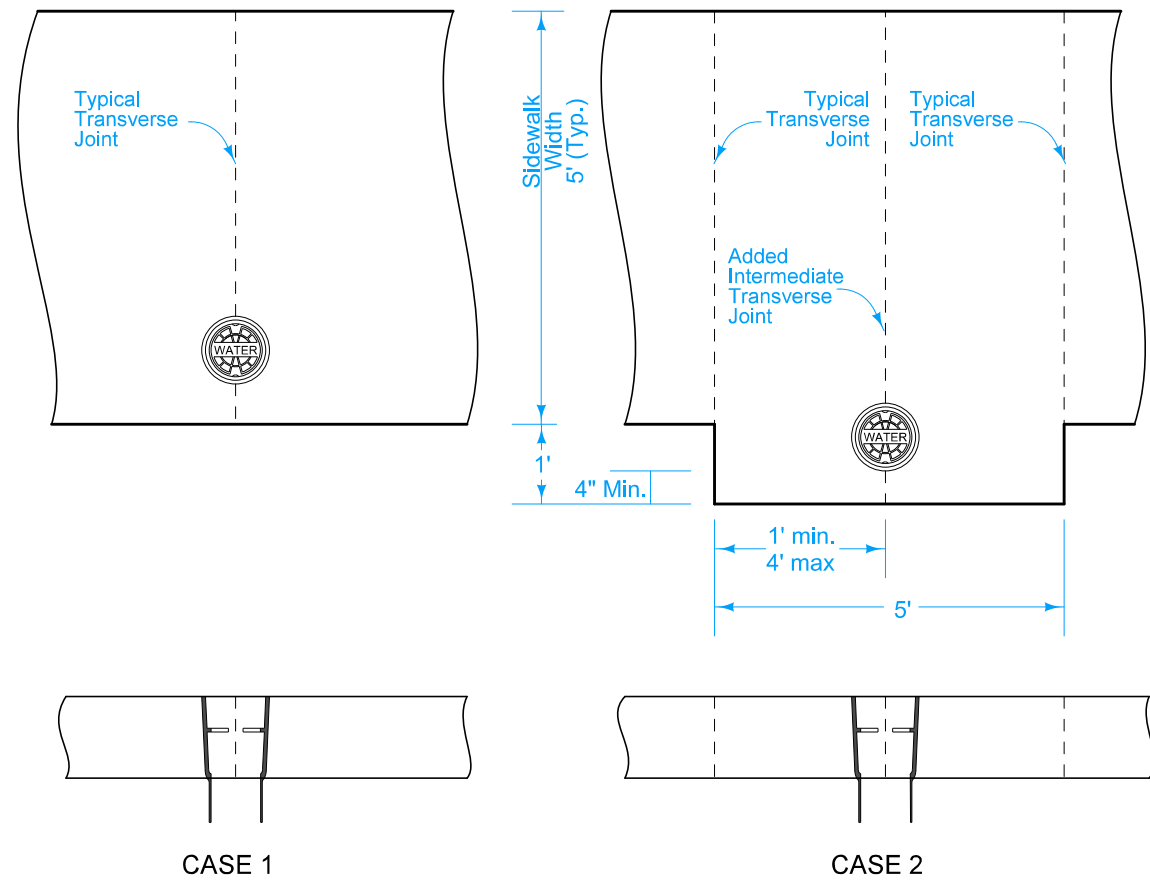
END CONSTRUCTION

**HIGHWAY AND STREET MAP  
OF  
FAIRBANK  
IOWA**

SCALE IN MILES





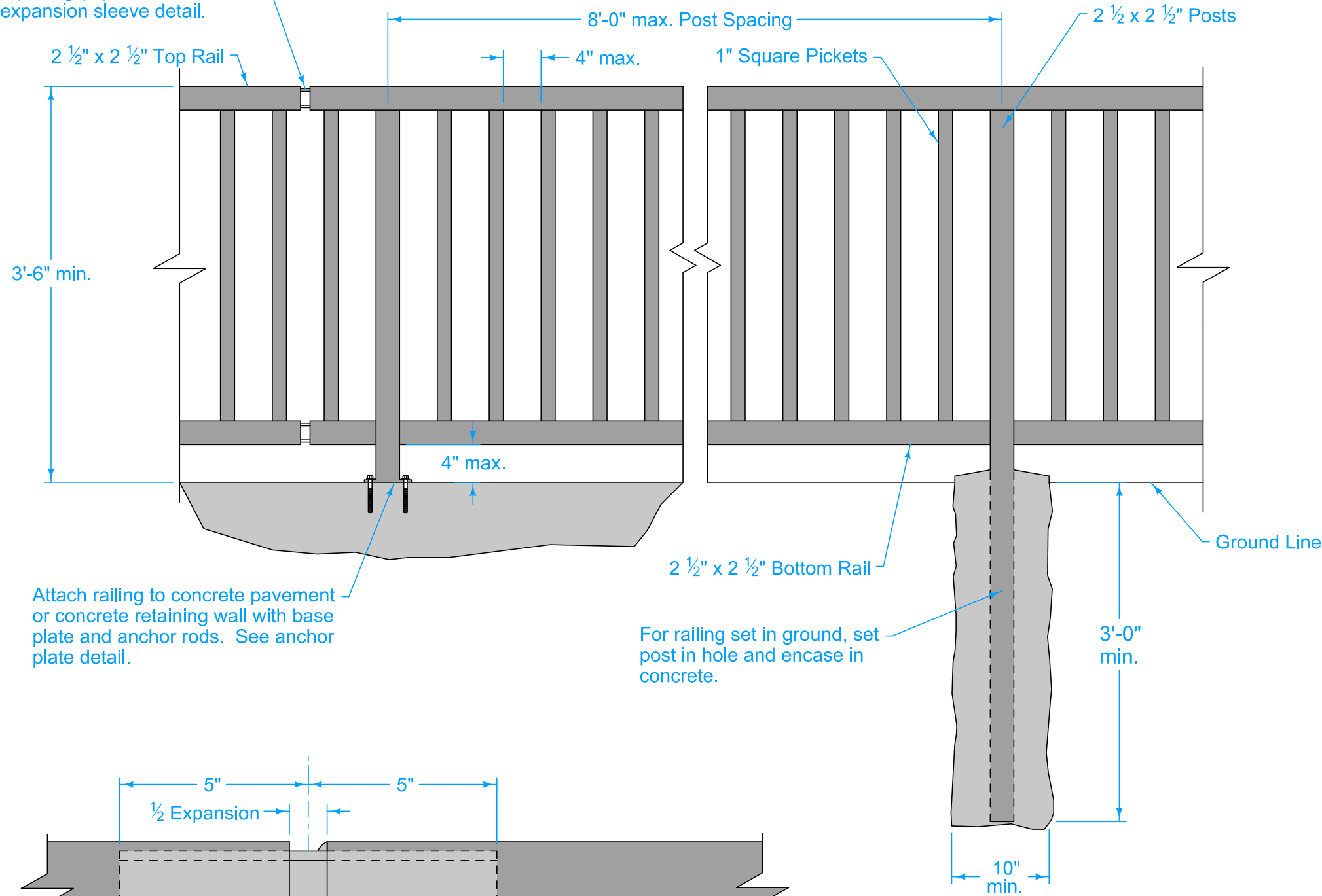


Double Curb Stop Cover will utilize same cover as shown. Contractor may be required to stagger elevation of shut-off cover in order to pass heads through lower flange or supporting seat.

SIDEWALK CURB BOX COVER



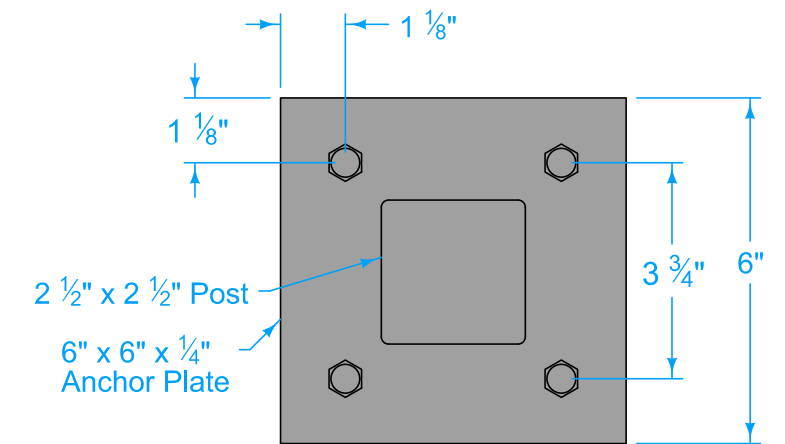
Provide expansion joint at 48'-0" max. spacing (top and bottom rail). See expansion sleeve detail.



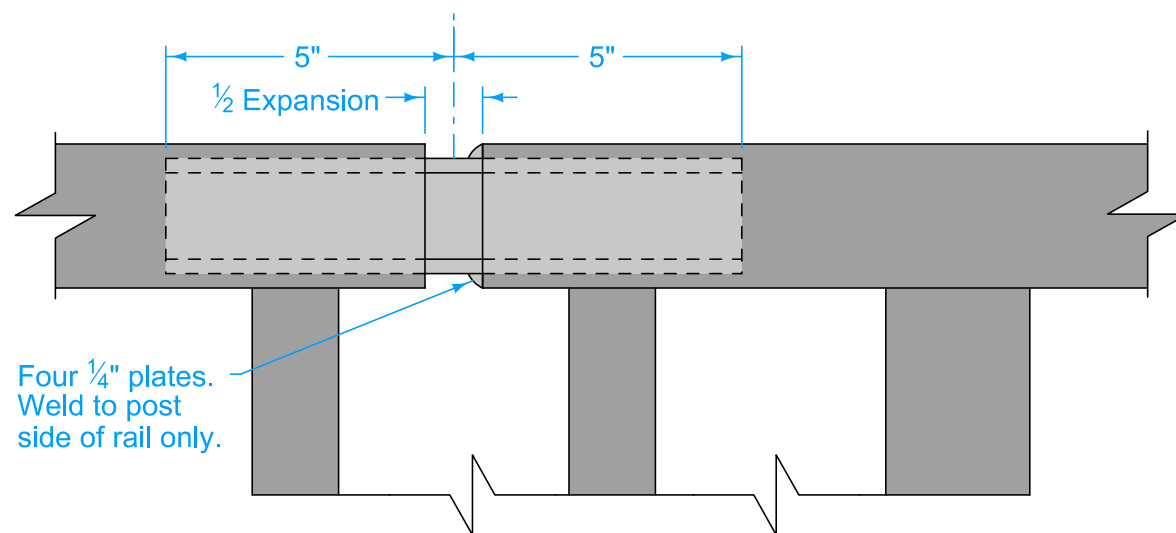
Weld all components with 1/4 inch fillet welds. Grind welds and connections as required to provide a smooth surface, free of burrs.

Field paint safety rail after installation as specified in the contract documents.

① Detail shown is for top rail. Expansion joint for bottom rail is similar.



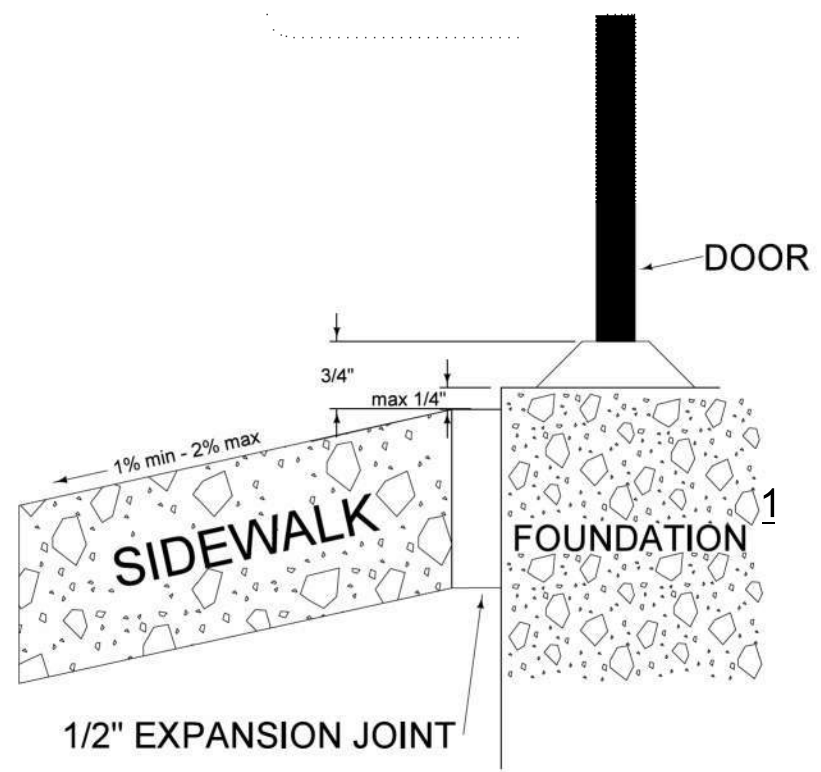
**ANCHOR PLATE DETAIL**



**EXPANSION SLEEVE DETAIL** ①

		REVISION	
		10-16-18	
		<b>9080.103</b>	
		SHEET 1 of	
<b>SUDAS Standard Specifications</b>			
<b>SAFETY RAIL</b>			

FIGURE 9080.103 SHEET 1 OF 1



DOWNTOWN DOOR DETAIL

# ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Division I: Iowa DOT  
Division II: City of Fairbank

Item no.	Item Code	Item	Unit	Quantities			Estimate Reference Notes
				Estimated			
				Division I	Division II	Total	
1	2101-0850002	CLEARING AND GRUBBING	UNIT	607.6		607.6	All wood material generated as a result of Clearing and Grubbing will become property of the contractor and must be disposed of according to Iowa Department of Agriculture and Land Stewardship Emerald Ash Borer Quarantine Order. For more information see <a href="http://www.iowatrepests.com">www.iowatrepests.com</a> . Refer to Tab 110-17 for locations.
2	2102-0425070	SPECIAL BACKFILL	TON	552	102	654	Item is for 4" thick special backfill under commercial sidewalk and driveway in the downtown area. Refer to the B-Sheets and Tab 113-1 for further information.  Item is for 4" thick special backfill under commercial sidewalk and driveway in the downtown area. Refer to the B-Sheets and Tab 113-1 for further information.
3	2102-2710090	EXCAVATION, CLASS 10, WASTE	CY	900		900	All waste must be removed from the project site. Overhaul will not be measured or paid for, but shall be considered incidental to excavation on this project. Item is for the grading between sidewalk and curb to allow for drainage from sidewalk over the curb. Quantity is estimated by taking 1 foot depth multiplied by the seeding area times 40%.
4	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	400	120	520	Item is for the excavation of areas where sidewalk is being constructed where there is no existing sidewalk. These areas include the east side of 4th Street and areas on Main Street.  Item is for the excavation of non-paved driveways, areas where special backfill is to be placed, areas where sidewalk is being constructed where there is no existing sidewalk, sidewalk widening, and for lowering grades between the sidewalk and back of curb.
5	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	1,525		1,525	Item is for the provision of a uniform 6 inch finished thickness of topsoil. Quantity is based on seeding area with an additional 40% for shrink. The topsoil shall contain at least 3% organic matter, according to ASTM D 2974, have a high degree of fertility, is free of herbicides that prohibit plant growth, have a pH level between 6.0 and 8.0, and meet the following mechanical analysis requirements: 100% Passing 1" Sieve / 95 to 97% Passing 1/2" Sieve / 40 to 60% Passing 1/4" Sieve / 40 to 60% Passing No. 100 Sieve / 10 to 30% Passing No. 200 Sieve. The engineer will approve the source of off-site topsoil. Surface soils from ditch bottoms, drained ponds, and eroded areas, or soils that are supporting growth of noxious weeds or other undesirable vegetation, will not be accepted. The Engineer will determine if testing is necessary. The Contractor will be responsible for payment of the testing if the off-site topsoil does not meet the above requirements. If the testing verifies the off-site topsoil does meet the above requirements, payment for the testing will be the responsibility of the Jurisdiction. Payment will be at the unit price per cubic yard.
6	2213-6745500	REMOVAL OF CURB	STA	0.6		0.6	Refer to Tab 110-4 for locations. All full depth saw cuts will be included in this item.
7	2213-7100400	RELOCATION OF MAIL BOXES	EACH	2		2	Item is for the relocation, and subsequent re-relocation of mailboxes on this project. Coordinate mailbox relocation with the U.S. Postal Service. The relocation and subsequent re-relocation of all mailboxes on a single or multiple post will be measured and paid as one mailbox relocation, which payment shall be full payment for this item. Method of measurement and basis of payments shall be at the contract unit price per each mailbox assembly. A mailbox assembly is defined as a group of mailboxes assembled together on a common support which may include a single or multiple posts. For the number of mailboxes and assemblies successfully removed and reinstalled, the contractor will be paid the contract unit price per each. This payment shall be full compensation for all equipment tools, labor and materials necessary to complete the item per the contract documents.
8	2303-9093010	HOT MIX ASPHALT, DRIVEWAY	SY	38		38	Refer to Tab 102-3 and D.11 for locations and details. Driveway shall be 6" thick HMA.

Item no.	Item Code	Item	Unit	Quantities			Estimate Reference Notes
				Estimated			
				Division I	Division II	Total	
9	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	80		80	Item is for shaping at drives where PCC is meeting existing granular drives.
10	2401-6750001	REMOVALS, AS PER PLAN	LS	1		1	Item is for the removal of approximately 30 linear feet of existing PCC retaining wall west of the Wapsi River bridge. The existing wall has no footing. Includes full depth saw cutting, removal, and off-site disposal of PCC retaining wall. Removal of scheduled items shall be in accordance with Section 2401, of the Standard Specifications. Any damage to material not to be removed shall be the responsibility of the Contractor and repaired at no extra cost to the state.
11	2511-6745900	REMOVAL OF SIDEWALK	SY	2,991.5	296.1	3,287.6	Removal limits may be lengthened to reach an existing sidewalk joint. Item includes full depth saw cut and disposal of pavement. Saw cuts along buildings shall be 1' away to minimize damage. Refer to Tab. 110-5. See traffic control plan for pedestrian staging or closings
12	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	1,313.7	104.1	1,417.8	See Tab 113-1, B-Sheets, and S-Sheets for locations and details. Certified plant inspection (Section 2521 of the Specifications) is required for these items. Standard sidewalk width is five feet, four feet minimum. Contractor may reduce sidewalk width to four feet to avoid obstacles as needed. Use Class 3 Durability Aggregate. See traffic control plan for pedestrian staging and closings.
13	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	2,401.4	592.2	2,993.6	
14	2511-7526008	SIDEWALK, P.C. CONCRETE, 8 IN.	SY		19	19	See Tab 113-1, B-Sheets, and S-Sheets for locations and details. Certified plant inspection (Section 2521 of the Specifications) is required for these items. Use Class 3 Durability Aggregate. Quantity is for sidewalk along the back of curb at the NE Corner of Grove Street (Casey's Corner).
15	2511-7528101	DETECTABLE WARNINGS	SF	604	40	644	Required in all ADA ramp areas.
16	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	54		54	Refer to Tab 112-4 for locations and details. The curb and gutter shall match the existing pavement thickness. Construct curb drops per PV-102.
17	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	635.3		635.3	See Tab 112-4 for locations and details. Certified plant inspection (Section 2521 of the Specifications) is required for these items. Maturity meter testing is also required for this item. Use Class 3 Durability Aggregate. See traffic control plan for pedestrian staging and closings.
18	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	488		488	See Tab 110-8 and the D-Sheets for locations and details. Item includes full-depth saw cut and disposal of pavement.
19	2519-4200120	REMOVAL OF FENCE, CHAIN LINK	LF	330		330	Refer to D-Sheets and Tab 100-8. Fence post is poured into the existing four inch sidewalk within a PVC sleeve. All removed material shall become property of the contractor.
20	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	24		24	Refer to Tabulations 190-61 and 259-01 for locations and details. The existing sign shall be removed and stored in a safe location. Reinstall in designated locations following sidewalk construction. Signs damaged by the Contractor's activities shall be replaced at the Contractor's expense. Replacement materials shall be new. The DOT will furnish all details necessary for fabrication of the replacement materials. Each sign and post assembly removed and reinstalled will be counted and paid for at the contract unit price.  Item includes removal and reinstallation of one bench in the downtown area. Each bench removed and reinstalled will be counted and paid for at the contract unit price.
21	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF	139		139	Refer to Tabulation 190-51 and 259-01 for locations and details.
22	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	EACH	1		1	
23	2524-9276027	PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY	EACH	20		20	
24	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	15		15	Refer to the D-Sheets and Tabulations 190-51 and 190-66 for locations and details.

Item no.	Item Code	Item	Unit	Quantities			Estimate Reference Notes
				Estimated			
				Division I	Division II	Total	
25	2526-8285000	CONSTRUCTION SURVEY	LS	1		1	<p>Refer to TC-283 for traffic control layout.</p> <p>Staking in the S Sheets is incidental to Construction Survey. This staking will be defined as verifying slopes of the form work by using a level, or other means, at the quadrants identified in the S Sheets. This serves as an additional check to verify slopes are within tolerances prior to placing concrete. Survey information provided in project plans is for reference only and should not be used for purposes related to construction survey. Project plans and associated electronic files are not geo-referenced to a standard coordinate system and should not be used to establish construction survey baselines.</p> <p>Preservation of Monuments is included in this bid item per Specification 2526.03 A. None of these will be provided by the Contracting Authority.</p>
26	2528-8445110	TRAFFIC CONTROL	LS	1		1	Refer to Traffic Control Plan on Sheet J.1. This item is for all closures of pedestrian paths as well as channelization at curb ramp work zones. See Standard Road Plans TC-202 and TC-601 for details.
27	2528-8445113	FLAGGERS	EACH	0		0	See Proposal.
28	2533-4980005	MOBILIZATION	LS	1		1	--
29	2554-0205650	WATER SERVICE CURB STOP, COVER ONLY	EACH	26		26	This item is for adjusting shut-off valves that fall within the sidewalk. Refer to detail on Sheet B.2. Method of Measurement and Basis of Payment shall be per each Cast Iron Valve Box Riser furnished and installed.
30	2599-9999003	('CUBIC YARDS' ITEM) SIDEWALK, P.C. CONCRETE, 6 IN., REINFORCED	CY	40		40	Refer to detail on Sheet B.1. Quantity includes thickened lug on top of wall. Price bid shall be considered full compensation for furnishing all materials, including reinforcing steel to construct sidewalk in accordance with the plans. PCC material shall comply with Article 2403.02, A & B. Use Class 3 Durability. Certified plant inspection (Section 2521 of the Specifications) is required for this item. Reinforcing steel shall comply with Section 4151. Construct sidewalk according to Article 2511.03, B.
31	2599-9999009	('LINEAR FEET' ITEM) GALVANIZED STEEL SAFETY RAILING 9080.103	LF		302	302	<p>See Sheet B.3 for detail. The rail and posts will include 2 ½ inch by 2 ½ inch tubular high strength steel with ¼ inch minimum wall thickness. Comply with ASTM A 500, Grade B. The pickets will include 1 inch by 1 inch tubular high strength steel with 1/8 inch minimum wall thickness. Comply with ASTM A 500, Grade B. Anchor plate is to be ¼ inch thick, 6 inch by 6 inch steel anchor plate with a 46,000 psi yield strength. Galvanize and finish to match safety rail. Bolts are to be 3/8 inch galvanized anchor bolts or threaded rod with length as required to provide a 3 inch embedment. Comply with ASTM A 36.</p> <p>Adhesive anchoring material epoxy shall comply with ASTM C 881, Type IV. Provide appropriate epoxy class based upon concrete temperature at time of installation. Grout on approved products list as indicated in Materials I.M. 491.11, Appendix C.</p> <p>Galvanized safety rail will include zinc coating complying with ASTM A 123. Hot-dip galvanized components after fabrication. Due to powder coating, utilize the dry-kettle (pre-fluxing) process. Air cool galvanized components. Do not quench in water or chromate. Apply powder coat to galvanized steel. Comply with the manufacturer's recommendations for surface preparation, application of primer, and application of the powder coating. Remove all tears, spikes, high spots, or other surface defects caused by the galvanizing process using hand or power tools. Apply an alkaline solution, with a pH between 11 and 12, to remove traces of oil, grease, and dirt. Remove residual zinc oxide by spraying surface with a mild acidic solution (pH of 3.5 to 4.5). Apply conversion coating to the surface and apply sealing agent to prepare the surface for powder coating. Contractor is to submit shop drawings for safety rail.</p> <p>Measurement will be in linear feet measured along the top of the safety rail from end post to end post. Payment will be at the unit price per linear foot of safety rail and includes, but is not limited to, posts, pickets, mounting hardware, epoxy grout, and galvanized, powder coating manufacturer standard black to match poles and lights.</p>

Item no.	Item Code	Item	Unit	Quantities			Estimate Reference Notes
				Estimated			
				Division I	Division II	Total	
32	2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	1.7		1.7	Apply Bonded Fiber Matrix as the mulch for all areas designated as "Seeding and Fertilizing (Urban)". Apply seed and fertilizer for the area to be covered before applying Bonded Fiber Matrix Mulch. Apply Bonded Fiber Matrix Mulch at a rate of a minimum of 3000 pounds per acre.
33	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	1.7		1.7	For all areas designated by the Engineer. Prepare seedbed, fertilize, and seed according to Article 2601.03, C, 4, of the Standard Specifications. Use ground driven equipment.  Permanent seeding dates are as follows:  Spring--March 1st - May 31st  Fall--August 10th - September 30th
34	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1.7		1.7	Item is included for disturbed areas as directed by the Engineer.  Seed and fertilize all urban disturbed areas according to Article 2601.03, C, 2, of the Standard Specifications.
35	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	3,790		3,790	Refer to Tab. 100-19. The tabulation includes estimated locations for placement of "Perimeter and Slope Sediment Control Device, 9 in. dia." to address erosion to be encountered during construction. Verify the specific locations with the Engineer prior to beginning placement. Bid item includes 25% additional quantity for field adjustments and replacements.  Use Perimeter and Slope Sediment Control Devices fabricated using wood excelsior.
36	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	3,790		3,790	All removed material shall become property of the contractor.
37	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1		1	
38	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1		1	





**100-08**  
04-17-18

### REMOVAL OF FENCE

Removal of Field Fence is incidental to Clearing and Grubbing.

Location				Type	Length LF	Remarks
From Station	Offset	To Station	Offset			
79+36	-33.25	81+77	-21.82	Chain Link	243.0	NW Corner of Bridge
81+44	29.4	81+76	23.3	Chain Link	31.0	SW Corner of Bridge
83+33	-21.7	83+60	-25.6	Chain Link	28.0	NE Corner of Bridge
83+31	22.4	83+58	27.1	Chain Link	28.0	SE Corner of Bridge
<b>TOTAL:</b>					<b>330.0</b>	

**112-4**  
10-21-14

### CURBS AND RAISED ISLANDS

Refer to PV-20, PV-102, and 6000s Details Series

① Item Point No.	Station	Offset	Island Interior Area SY	Curb and Gutter		Remarks
				Curb Type	Gutter Width FT	
1	67+77.38	16.75		1.5" Driveway Drop PCC	2.5	25.0
2	68+30.11	16.45		1.5" Driveway Drop PCC	2.5	19.0
3	70+00.70	29.9		6" Standard PCC	2.5	10.0
<b>TOTAL:</b>						<b>54.0</b>

**110-4**  
08-01-08

### CURB REMOVAL

Begin Station	End Station	Side	Length	Remarks
			STA	
67+64.88	67+89.88	R	0.3	
68+20.61	68+39.61	R	0.2	
69+33.07	70+04.38	R	0.1	
<b>TOTAL:</b>			<b>0.6</b>	

**102-3**  
10-16-18

### ACCESS POINTS AND SAFETY RAMPS

Refer to Cross-Sections

Length of Unclassified Pipe calculated is based on using Corrugated Metal Pipe.

① Refer to MI-210  
② Refer to EW-501.  
③ Refer to EW-501 or EW-502.  
\*Predetermined for access point not constructed with this project.

Location Station	Side	Type A, B, C, Safety Ramp, or Predetermined*	Length of Opening ①			Pipe Culvert ③						Aprons No.	Driveway Surface Area		Driveway Surfacing Material TON	Remarks			
			Case 1 or 2	1½" Dropped Curb LF	3" Dropped Curb LF	W FT	PR FT	SR FT	H FT	Size IN	Pipe Length LF		Lt. LF	Rt. LF			HMA SY	PCC SY	
																			FT
67+77.55	R	C	2	25.0		16.0											24.1		
68+30.26	R	C	2	19.0		10.0											16.1		
70+86.00	R	C	2	25.0		15.0											36.3	10.000	No Curb
71+58.41	R	C	2	25.0		15.0											36.9	10.000	No Curb
70+76.48	L	C	2	30.0		20.0											44.8	10.000	No Curb
71+02.20	L	C	2	19.6		9.0											23.4	10.000	No Curb
72+37.53	L	C	2	27.0		17.0											29.2	10.000	No Curb
73+76.60	L	C	2	22.0		12.0											22.2		No Curb
74+27.27	R	B	1	50.0		19.5											42.1		No Curb
76+21.23	L	C	2	25.0		15.0											34.3	10.000	No Curb
84+06.00	R	C	2	26.0		21.0											20.2		
88+65.69	R	C	2	37.5		30.6											44.7		
90+64.46	R	C	2	53.0		48.0											59.4	20.000	
91+74.40	R	C	2	38.6		35.0											15.0		
91+74.40																	38.0		Behind Walk (6" thick)
95+10.72	L	C	2	71.0		67.0											87.2		
95+19.16	R	C	2	47.0		45.0											8.3		
95+19.16																	37.0		3rd St-4th St Behind Walk 2'
101+19.58	R	C	2	41.0		37.0											54.2		
													38.0	635.3	80.000				

**110-5**  
10-20-15

### SIDEWALK REMOVAL

\* Not a bid item

Begin Station	End Station	Area		Saw Cut* LF	Remarks
		SY	LF		
65+93.44	66+02.72	4.7	14.0		SE Fairbank-Main
66+30.80	77+40.49	351.8	6.0		Fairbank-Iowa
69+79.66	74+22.58	181.6	10.0		Walnut-Washington
74+52.90	79+02.00	148.1	3.0		Washington-Water
77+68.72	81+80.70	208.3	17.0		Iowa-Bridge
79+30.92	81+78.64	158.7	5.0		Water-Bridge
		141.1	16.0		NE Water DIV II
83+27.79	85+54.99	176.8	63.0		Bridge-1st North
		24.1	50.0		NW 1st St. DIV II
83+28.45	85+56.21	210.5	175.0		Bridge-1st South
86+09.81	89+55.48	342.7	150.0		1st-2nd North
		30.6	55.0		NW 2nd St. DIV II
86+06.08	89+48.23	310.8	275.0		1st-2nd South
		30.4	25.0		SW 2nd St. DIV II
90+03.13	93+58.33	229.1	75.0		2nd-3rd North
		25.6	50.0		NE 2nd St. DIV II
		13.9	4.0		NW 3rd St DIV II
90+02.30	93+58.54	293.9	140.0		2nd-3rd South
		30.3	35.0		SE 2nd St. DIV II
93+88.18	95+88.33	129.4	90.0		3rd-4th St North
93+88.16	96+73.70	111.4	182.0		3rd-4th St South
96+04.60	96+04.60	20.1	8.0		NE 4th Street
96+36.36	96+32.54	11.9	7.0		SE 4th Street
99+64.69	99+81.04	9.1			NW Grove Street
100+01.50	100+01.50	38.9	8.0		SW Grove Street
100+13.00	101+38.22	53.7			
<b>DIV I Total:</b>		2991.5	1463.0		
<b>DIV II Total:</b>		296.1			

**190-61**  
10-15-13

### EXISTING SIGNS TO BE REINSTALLED

SIGN DESCRIPTION	DIRECTION OF TRAVEL	LOCATION STATION	NUMBER OF POSTS	SQUARE TUBE STEEL POSTS	WOOD POSTS		INSTALLATION		SEE SIGNING NOTES	
					4" x 4" LF	4" x 6" LF	TYPE	DIM 'X'		
Stop	W	70+00	1.0						RR, PP	
Street Names	E	77+25	1.0	1.0				1.0	8	RR
Speed Limit/ No U Turn	W	79+50	1.0	1.0				1.0	8	RR
Stop	S	85+50	1.0							RR, PP
Stop	S	89+50	1.0							RR, PP
Street Names	S	89+50	1.0	1.0				3.0	13	RR
Stop	N	90+00	1.0							RR, PP
Pedestrian Bench	W	90+75	1.0							RR
Speed Limit	W	92+00	1.0							RR, PP
East 281	E	92+25	1.0							RR, PP
West 281	W	93+30	1.0							RR, PP
Street Names	S	93+50	1.0	1.0						RR
Stop	S	93+50	1.0							RR, PP
Stop	N	93+85	1.0							RR, PP
East 281	E	94+35	1.0							RR, PP
Street Names	S	95+80	1.0	1.0						RR
Stop	S	95+85	1.0							RR, PP
Stop	W	96+00	1.0							RR, PP
Stop	N	96+50	1.0							RR, PP
West 281	N	99+40	1.0							RR, PP
Stop/Cross Traffic	N	100+25	1.0							RR, PP
Object Marker	W	100+50	1.0							Removal Only
RR/ No Parking	E	100+85	1.0							RR, PP
East 281/ Ped Xing	E	101+50	1.0	1.0						RR
<b>TOTAL:</b>				24.0						

**190-66**  
10-21-14

### SUMMARY OF TYPE 'A' SIGNS

Sign Number	Quantity	Size	Total Sign Area
	EACH	IN	SF
R7-8	5	18 X 24	15.0

**110-08**  
04-17-18

### REMOVAL OF CONCRETE DRIVES

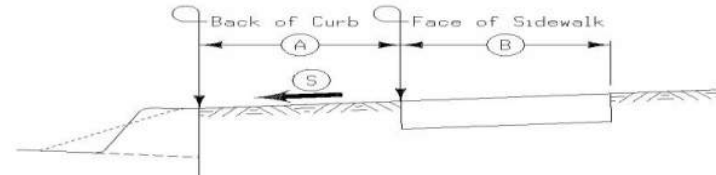
\* Not a Bid Item

Location		Area SY	Saw Cut* LF	Remarks
Station	Side			
67+77.55	R	24.8	30.0	
68+30.26	R	15.6	24.0	
73+76.60	L	23.4	12.0	
74+27.27	R	58.6	20.0	
88+65.69	R	47.2	31.0	
91+74.40	R	52.0	75.0	
95+10.72	L	152.1	120.0	
95+19.16	R	53.5		
101+19.58	R	60.9	38.0	
<b>TOTAL:</b>		<b>488.0</b>	<b>350.0</b>	



### SIDEWALKS

See MI-220 and S Sheets



Intersection/Road	Quadrant/Side	Length	(A)	(B)	(S)	4" PCC Sidewalk	6" PCC Sidewalk	8" PCC Sidewalk	Special Backfill	Detectable Warnings	Remarks
			FT	FT	%	SY	SY	SY	TON	SF	
Washington to Water	N	265.9	12.00	5.00	VARIES	147.7					
Water/Main	NW	6		5.00	VARIES		2.9			10	
Water/Main	NE	29		8.00	VARIES		31.9		28.0	28	
Water/Main	NE	233.9		6.00	VARIES		104.2		21.9		DIV II
Bridge to 1st	S	66.2	5.00	6.70	VARIES		49.1		10.3		
Bridge to 1st	S	21.1	5.00	5.00	VARIES		11.7		6.7		
Bridge to 1st	S	147.3	5.00	11.70	VARIES		190.8		40.1	35	
1st to 2nd	S	246.7	6.00	5.00	VARIES		345.5		72.5	26	
1st to 2nd	S	30.6	6.00	5.00	VARIES		17.7		13.1		
1st to 2nd	S	76.9	6.00	5.00	VARIES		95.7		20.1	22	
2nd/Main	SW	57		5.00	VARIES		53.7		11.3		DIV II
2nd/Main	SE	59		5.00	VARIES		46.6		9.8		DIV II
2nd to 3rd	S	44.3	13.00	5.00	VARIES		42.9		9.0	28	
2nd to 3rd	S	48	13.00	5.00	VARIES		26.7		18.1		
2nd to 3rd	S	71	13.00	5.00	VARIES		104.5		21.9		
2nd to 3rd	S	35	13.00	5.00	VARIES		19.4		15.2		
2nd to 3rd	S	154.8	2.00	5.00	VARIES		84.2		17.7	20	
2nd to 3rd	S	147.3		2.00	VARIES		34.3		7.2		DIV II
2nd to 3rd	S	37		5.00	VARIES	22.2					
3rd to 4th	S	87	1.60	5.00	VARIES		46.5		9.8	22	
3rd to 4th	S	45	1.60	5.00	VARIES		25.0		14.8		
3rd to 4th	S	31.5	1.60	5.00	VARIES		17.0		3.6	32	
3rd to 4th	S	79		1.60	VARIES		13.8		2.9		DIV II
Bridge to 1st	N	234.5	VARIES	5.00	VARIES		204.8		43.0	27	
1st/Main	NW	45.2	VARIES	5.00	VARIES		43.3		9.1		DIV II
1st to 2nd	N	352.9	5.00	VARIES	VARIES		388.7		81.6	57	
2nd/Main	NW	49		6.00	VARIES		50.5		10.6		DIV II
2nd/Main	NE	48.42		6.00	VARIES		49.2		10.3		DIV II
2nd to 3rd	N	358.6	VARIES	5.00	VARIES		296.7		62.3	58	
2nd to 3rd	N	183.3	VARIES	3.00	VARIES		62.5		13.1		DIV II
2nd to 3rd	N	21	VARIES	3.00	VARIES	10.3					
2nd to 3rd	N	29	VARIES	4.00	VARIES	13.9					DIV II
3rd to 4th	N	84	4.00	5.00	VARIES		95.5		20.0	10	
3rd to 4th	N	75	4.00	5.00	VARIES		37.2		26.1		
3rd to 4th	N	32.3	4.00	5.00	VARIES		34.3		7.2	16	
3rd to 4th	N	21		4.00	VARIES		7.4		1.5		DIV II
4th/Main	NE	14		5.00	VARIES		7.2			20	
4th/Main	NE	15		5.00	VARIES	8.0					
4th/Main	SE	14.5		5.00	VARIES		7.6			20	
4th/Main	SE	18		5.00	VARIES	8.5					
Main to Casey's	E	163		5.00	VARIES		110.2			10	DIV II
Casey's to Grove	E	9.3		5.00	VARIES		4.2			10	DIV II
Casey's to Grove	E	112		5.00	VARIES	62.2					DIV II
4th/Grove	NE	31		VARIES	VARIES			18.9	4.0		DIV II
4th/Grove	NE	16.5		5.00	VARIES	9.1					DIV II
4th/Grove	NE	23.3		5.00	VARIES		12.4			20	DIV II
4th/Grove	SW	37.8		5.00	VARIES	18.8					DIV II
4th/Grove	SW	9		5.00	VARIES		3.7			15	
4th/Grove	SW	30		5.00	VARIES	16.9					
4th/Grove	SE	13.4	4.40	5.00	VARIES		6.1			16	
4th/Grove	SE	65.6	4.40	5.00	VARIES	36.4					
4th/Grove	SE	4.4		5.00	VARIES		2.4			10	
4th/Grove	SE	37.2	4.40	5.00	VARIES		20.7				
4th/Grove	SE	15	4.40	5.00	VARIES	8.3					
DIV I Totals:						1313.7	2401.4	0.0	552	604	
Div II Totals:						104.1	592.2	18.9	102	40	

**SIGNING NOTES**

The following tolerances will be allowed on all signs:

Accumulation error of not greater than +/-0.50" per line of copy, not greater than +/-0.50" for spacing between lines of copy, and the margin between lines of copy and the inside edge of the sign border.

The following tolerances will be allowed on each letter or numeral:

nominal height	variation in height	variation in width
4" thru 12"	-1/8" to +3/8"	-1/4" to +1/4"
over 12"	-1/8" to +3/8"	-3/8" to +3/8"

Type B signs can be separated into two categories:

- Major Guide Signs.
- Minor Guide Signs.

Major Guide Signs include the advance and exit direction guide signs for an interchange or intersection.

Minor Guide Signs include all other guide signs such as NEXT EXIT signs, supplemental guide signs, logo signs, exit gore signs, post-interchange mileage signs, ramp destination signs, and ramp logo signs for an interchange, as well as destination signs along sideroads.

Type A signs are not separated into categories, but special consideration should be given to regulatory signs.

Do not remove Type B signs until replacement signs have been installed. If construction activities require the removal of a sign, the existing sign may be relocated to temporary posts, or a temporary plywood sign may be installed to replace the existing sign.

Existing non-regulatory Type A signs are NOT required to remain in place until installation of replacement signs. Existing regulatory Type A signs, particularly Stop signs, should not be removed until replacement signs are installed. This guideline may not apply if the traffic control plans have sufficient temporary signing.

Apply the following during the replacement or modification of signs:

- No more than one of the major guide signs for each direction of travel at an interchange out of service at any one time.
- No major guide sign out of service for more than 8 hours.
- No minor guide out of service for more than 24 hours.

Remove existing signs and posts within 24 hours following the installation of a new replacement sign.

In any case where the plans call for a new sign and posts to be installed at the same station location and offset as an existing sign, install the new posts at a minimum of either 5 ft ahead or behind the existing sign installation. Whenever posts for a replacement sign are erected directly in front of an existing sign, install the new replacement sign and remove the existing sign installation within 24 hours of the time that the new posts are erected.

Where signs are located behind guardrail, locate the near edge of the sign a minimum of 3 ft behind the guardrail posts. The Engineer may approve reducing this distance to a minimum of 1 ft where field conditions warrant.

Unless noted otherwise, leave auxiliary panels, such as exit number panels, in place or reattach to the sign using the existing mounting hardware. Also, when replacing an existing logo sign with a new logo sign, remove the business logo panel(s) from the existing sign and attach to the new sign as directed by the Engineer. Do not damage the auxiliary or logo panels when removing and reattaching them. This work is incidental to other work and no separate payment will be made.

**SIGNING NOTES**

The following notes apply to the corresponding sign installations shown on the plan sheets and listed in the tabulations.

- IB INSTALL NEW TYPE B SIGN
- IA INSTALL NEW TYPE A SIGN

Install new signs at the location identified in the plans.

For installation of new signs on existing posts:

- if the new sign is taller than the existing sign, furnish the necessary hardware to extend the sign above the posts. Refer to Standard Road Plan SI-132.
- if the new sign is shorter than the existing sign:
  - for wood posts and perforated square tube posts, install the sign at the proper height and cut off the excess post length.
  - for steel posts, install the sign at the top of the posts.

For installation of new signs on an existing sign support structure, refer to note (L).

Payment for installing Type A signs or Type B signs includes furnishing hardware for mounting, extending signs above existing posts, and cutting off wood posts.

- MS MODIFY EXISTING SIGN

Modify the copy on the existing sign as shown in the plans.

Deliver existing copy which is removed to a DOT storage area within 50 mi, as designated by the Engineer.

Install the new copy as needed to make sign modifications.

Payment for Modification of Existing Sign includes removal of existing copy and installation of new copy.

- MB INSTALL SPECIAL MOUNTING BRACKET

Install special mounting brackets at the locations identified in the plans. Refer to Tabulations 190-10, 190-51, and/or 190-65.

- PW INSTALL NEW WOOD POSTS
- PB INSTALL NEW BREAKAWAY STEEL POSTS AND FOOTING
- PP INSTALL NEW PERFORATED SQUARE TUBE POSTS AND ANCHORS

Install new wood posts, breakaway steel posts and footings, or perforated square tube posts and anchors at the locations indicated in the plans. Refer to Tabulations 190-51 and 190-50 for post size and footing information.

If note (RR) accompanies (PW), (PB), or (PP), install an existing sign on the new posts.

- RR REMOVE AND REINSTALL SIGN:

Do not remove existing major Type B guide signs on posts until the new posts are installed. Promptly remove sign and install at the new location.

Existing major Type B guide signs on overhead support structures, minor Type B guide signs, plywood signs, and Type A signs may be removed and stored. Transport the signs to a DOT storage area within 50 mi, as designated by the Engineer. Transport the signs back to the job site when ready for installation at the new location.

Replace signs damaged by the Contractor's activities at no additional cost to the Contracting Authority.

Payment for Remove and Reinstall Sign includes sign removal, delivery to the DOT storage area (if applicable), and reinstallation.

- RA REMOVE TYPE A SIGN ASSEMBLY
- RB REMOVE TYPE B SIGN ASSEMBLY

Type A Sign Assembly consists of one or more signs installed on one or more wood posts, either directly mounted to the post or mounted to the post with special sign mounting brackets.

**SIGNING NOTES**

Type B Sign Assembly consists of the main sign, all auxiliary signs and brackets, and the wood or steel posts.

Unless stated otherwise in the plans, remove all posts with the signs and brackets.

Remove each sign assembly identified in the plans. Sign posts removed become the property of the Contractor. All other materials removed remain the property of the DOT.

Disassemble each sign assembly removed before delivering to the DOT. For Type A sign assemblies, unbolt all signs, special mounting brackets, and posts from each other. For Type B assemblies, unbolt all extruded aluminum panels, brackets, and posts from each other. Do not damage the disassembled materials.

Place backfill in holes remaining from the removal of wood posts and restore to the normal surrounding conditions.

Deliver the removed signs, special sign mounting brackets, and extruded aluminum panels to a DOT storage area within 50 mi, as designated by the Engineer.

The concrete footings for steel posts are not considered part of the sign assembly. Refer to note RF for concrete footing removal.

Payment for Removal of Type A Sign Assembly or Removal of Type B Sign Assembly includes sign assembly removal and disassembly, post removal (if applicable), delivery to the DOT storage area, placing backfill in holes, and restoration of the surrounding conditions.

- RF REMOVE EXISTING CONCRETE FOOTING FOR STEEL POST

Remove existing concrete footings to a depth of 1 ft below ground. Place backfill in holes remaining from removal and restore to the normal surrounding conditions. This work is incidental to other work and no separate payment will be made.

- RS REMOVE EXISTING TYPE B SIGN SUPPORT STRUCTURE

The following are considered Type B Sign Support Structures:
 

- Overhead sign truss and foundation,
- Cantilevered sign truss and foundation, or
- Bridge mounted brackets.

For removal purposes, wood and steel post are not considered Type B Support Structures.

Unless stated otherwise in the plans, existing overhead trusses, cantilevered trusses, and bridge brackets which are removed become the property of the Contractor. If stated in the plans, deliver overhead trusses, cantilevered trusses, and bridge brackets to a DOT storage area within 50 mi, as designated by the Engineer.

Payment for Removal of Sign Support Structure and Foundation includes sign support structure removal, delivery to the DOT storage area (if applicable), and restoration of the surrounding conditions.

- L MODIFY SIGN SUPPORT ANGLES NEEDED TO INSTALL SIGNS ON EXISTING SIGN SUPPORTS STRUCTURES

Refer to the sign support structure details for information on the required angle brackets.

Provided all specifications are met, the existing sign support angles may be reused. Install existing sign support angles to be reused only on the sign support structure from which they were removed.

Sign support angles removed and not reused become the property of the Contractor.

When reusing the existing sign support angles with a shorter replacement sign, the sign support angles may need to be trimmed. Refer to the sign support details to determine if and where to trim the sign support angles.

Do not use existing fasteners. Use new stainless steel bolts and nuts to install the existing or new sign support angles to the sign support structure.

**SIGNING NOTES**

Removal of existing sign support angles is incidental to removal of the sign.

Reinstalling and/or modifying existing sign support angles; furnishing and installing new sign support angles (if required); and furnishing and installing new fasteners is incidental to work associated with Type B signs.

SIGN INSTALLATION QUALITY CONTROL NOTES

Post lengths have been derived from the proposed grading cross sections. Field verify post lengths.

Slight differences between the design template and the actual conditions should be expected. These variations should be resolved by doing some localized shaping and grading. Obtain material needed to meet the site requirements of SI-113 from the footing excavation and/or the area immediately adjacent to the footing. Ensure reshaping work does not substantially change foreslopes or the drainage in the vicinity of the sign.

Significant differences between the design template and the actual field conditions need to be resolved in this manner:

Survey the location and draw the actual template on the cross section. Recalculate each post length and compare to the maximum allowable leg length. If all of the maximum leg lengths are less than or equal to the maximum allowable leg length, then the proposed post design will be sufficient. If any leg is greater than the maximum allowable leg length, then submit the cross section with the actual template drawn (including offsets and elevation from the survey shown) to the Engineer. The Engineer may forward this information on to the design Engineer in order to complete a new post design.

Install the footings, stub posts, and posts according to the following tolerances:

- elevation difference from the edge of pavement to the bottom of the sign within 6 inches of the dimension shown.
- elevation difference of less than 2 inches between the top of the highest post and the lowest post at a site.

Footing construction is the controlling activity that substantially affects the quality of the site installation. Verify the elevation difference between the stubs is exactly the same as the elevation difference between the post lengths. If the Engineer requests, submit documentation detailing the site field shots in order to verify site installation.

### SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- Water Hydrant (Rural)
- Septic Tank
- Cistern
- L.P. Gas Tank (No Footing)
- Underground Storage Tank
- Latrine
- Satellite TV Dish
- Water Hook Up
- Radio Tower
- Tower Anchor
- Guardrail (Beam or Cable)
- Guard Post (one or two)
- Guard Post (over two)
- Filler Pipe
- Gas Valve
- Water Valve
- Speed Limit Sign
- Mile Marker Post
- Sign
- Traffic Signal Control Box
- Rail Road Signal Control Box
- Telephone Switch Box
- Electric Box

### UTILITY LEGEND

### PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities
SHADING		Design Color No.	
Lavender	(9)		Temporary Pavement Shading
Yellow	(4)		Proposed Pavement Shading
Orange	(6)		Proposed Granular Shading
Orange	(70)		Proposed Shoulder Granular Shading
Yellow	(68)		Proposed Shoulder Paved Full Depth Shading
Yellow	(132)		Proposed Shoulder Paved Partial Depth Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)		Grading Shading
Orange, Light	(134)		Proposed Granular Entrance Shading
Yellow	(220)		Proposed Paved Entrance Shading
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Green, Light	(225)		Existing Pavement Shading
Red	(3)		Proposed Structure Shading

### PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Ground Line Profile
Blue	(1)		Proposed Profile and Annotation
Magenta	(5)		Existing Utilities
Blue, Light	(230)		Proposed Ditch Grades, Left
Black	(0)		Proposed Ditch Grades, Median
Rust	(14)		Proposed Ditch Grades, Right

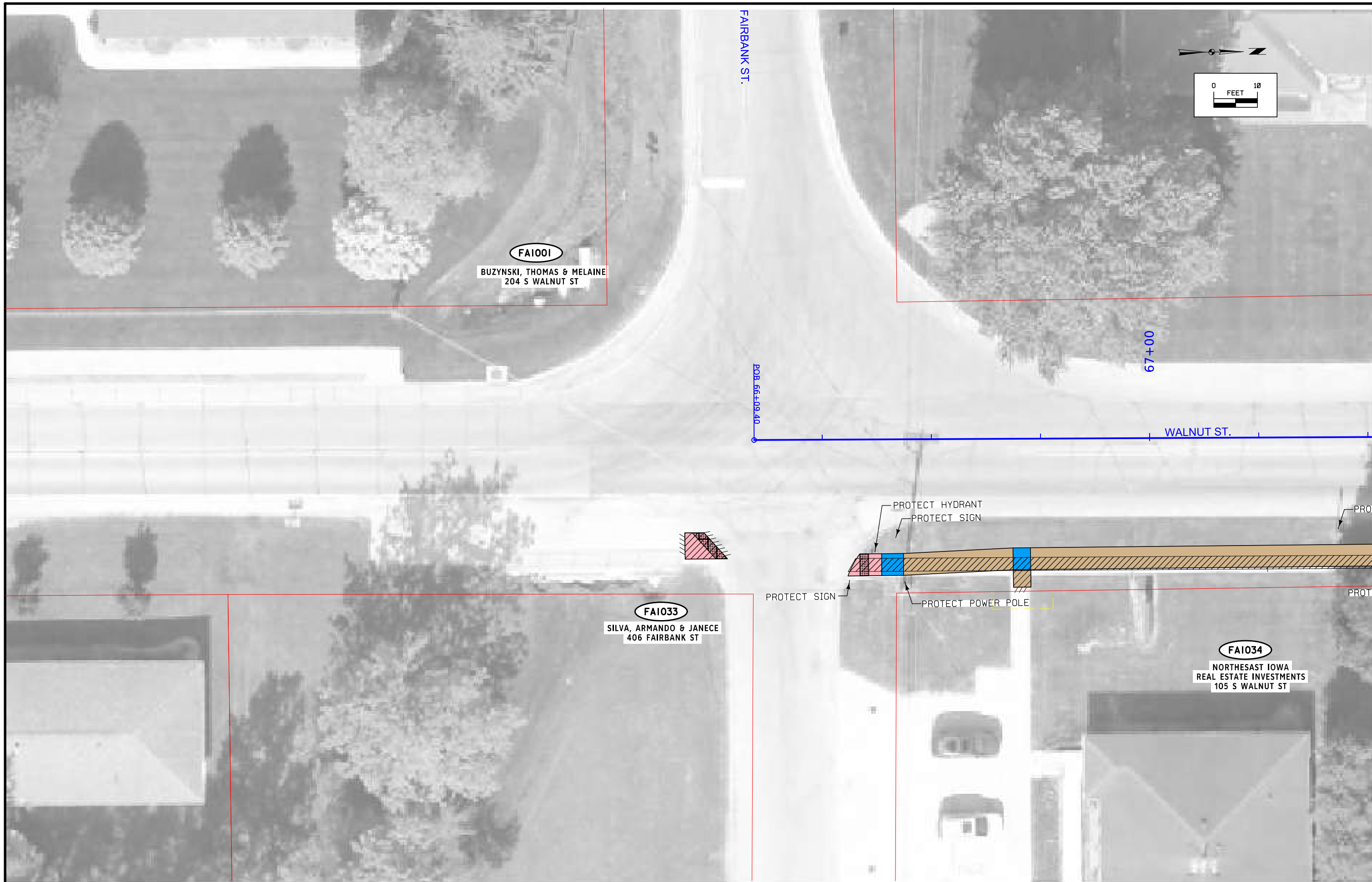
- Reference Point
- Station
- Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

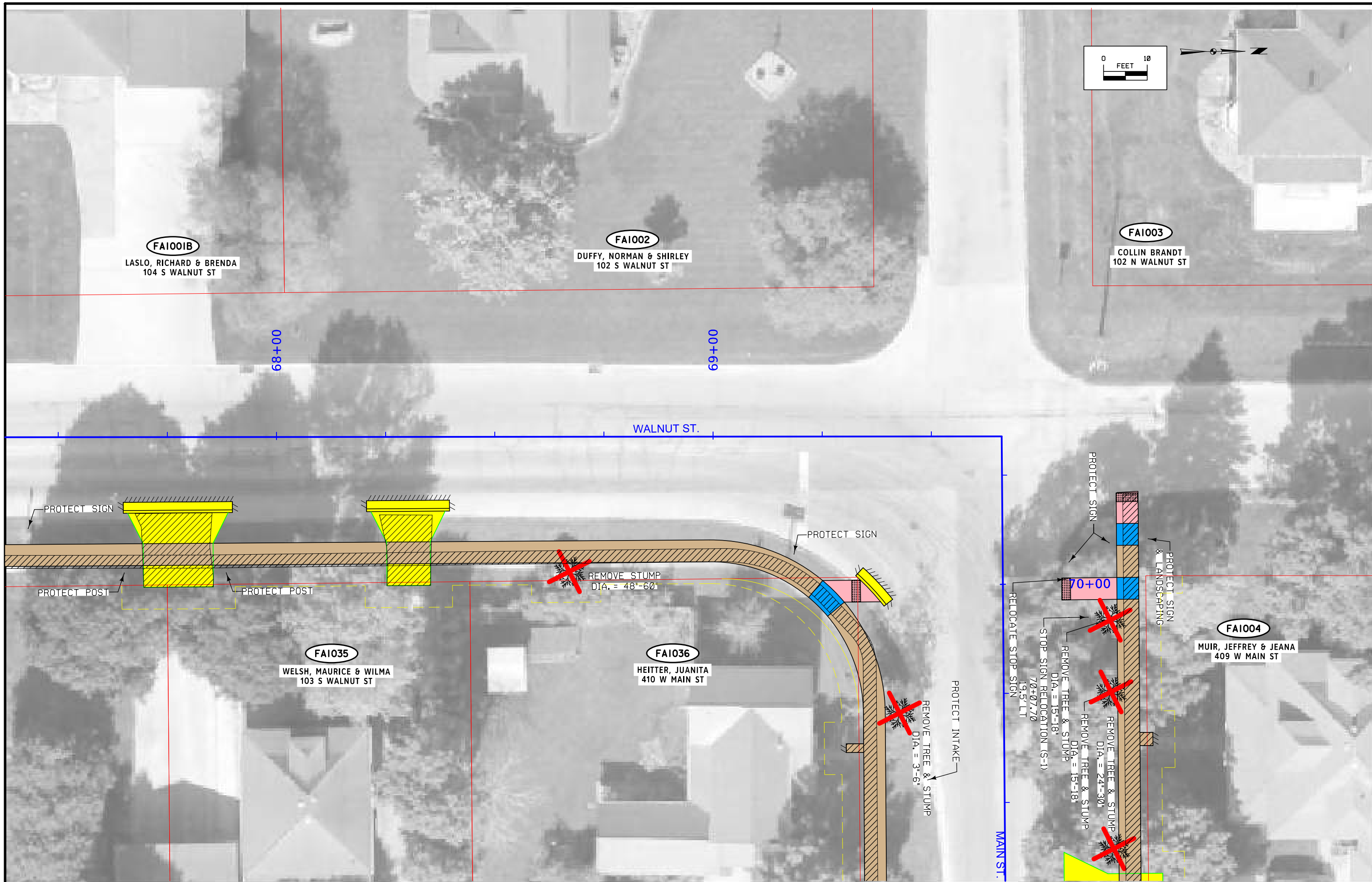
- #### RIGHT-OF-WAY LEGEND
- Proposed Right-of-Way
  - Existing Right of Way
  - Existing and Proposed Right-of-Way
  - Easement and Existing Right-of-Way
  - Easement (Temporary)
  - Easement
  - Access Control
  - Property Line

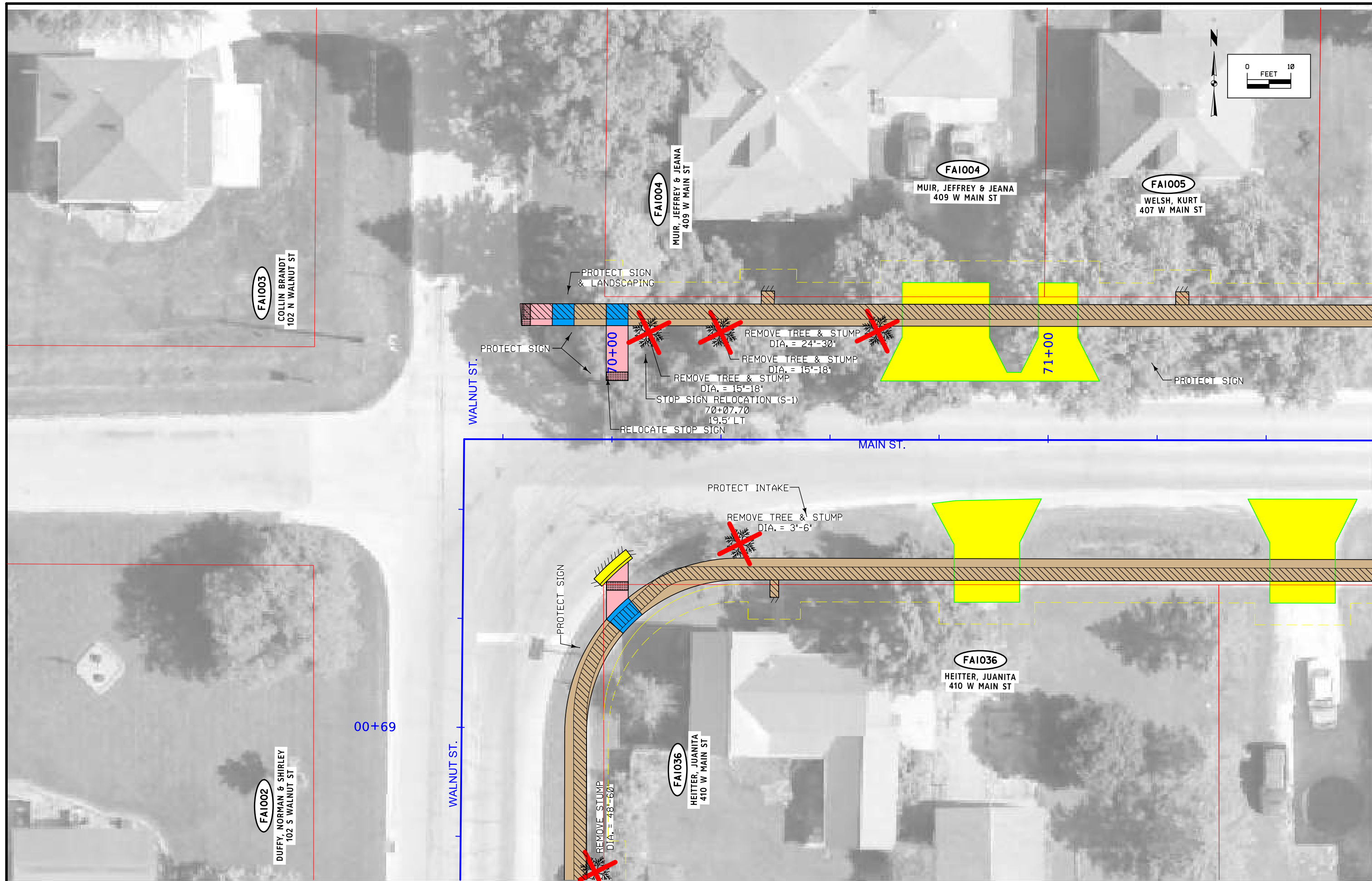
## PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

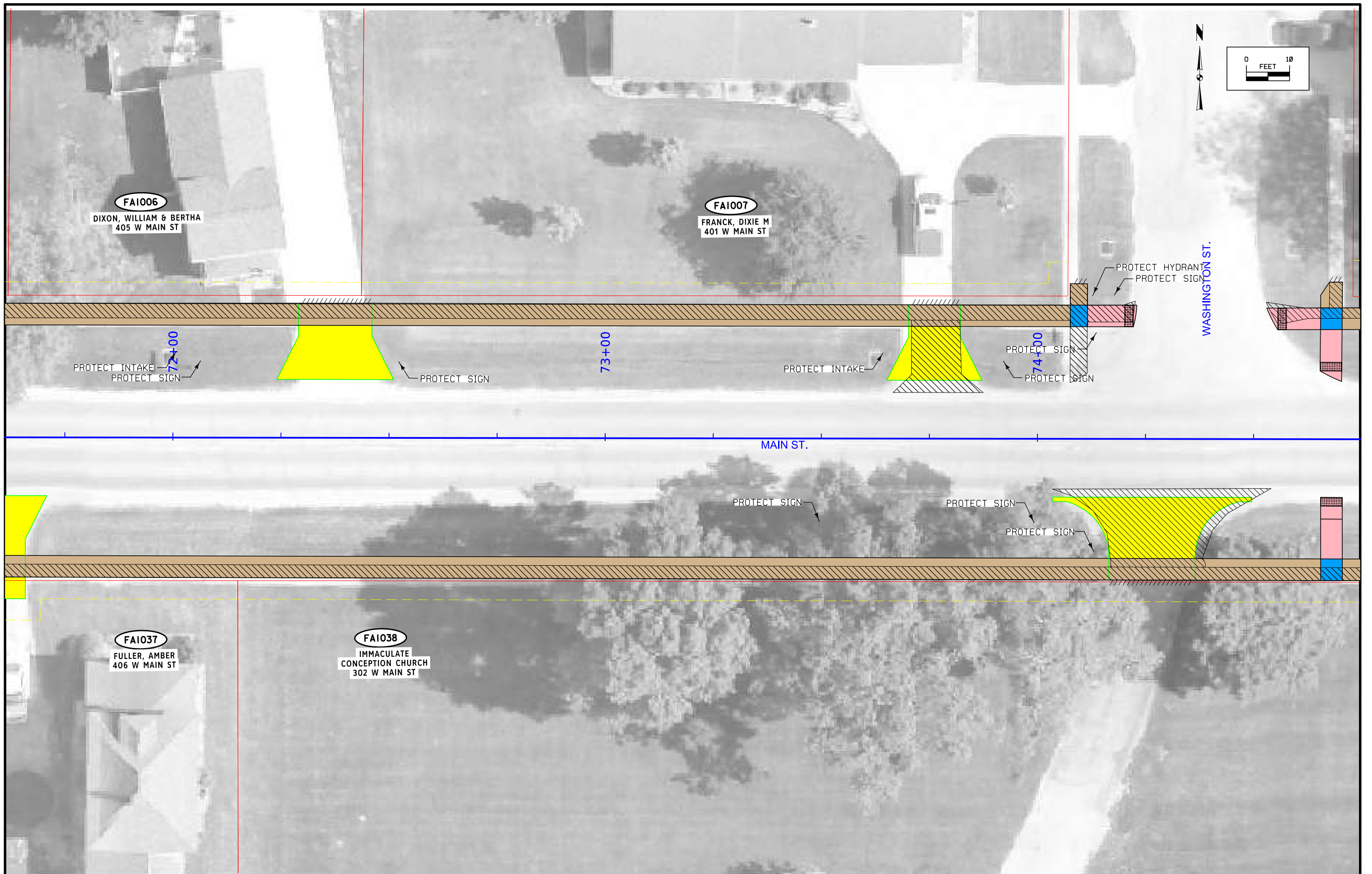
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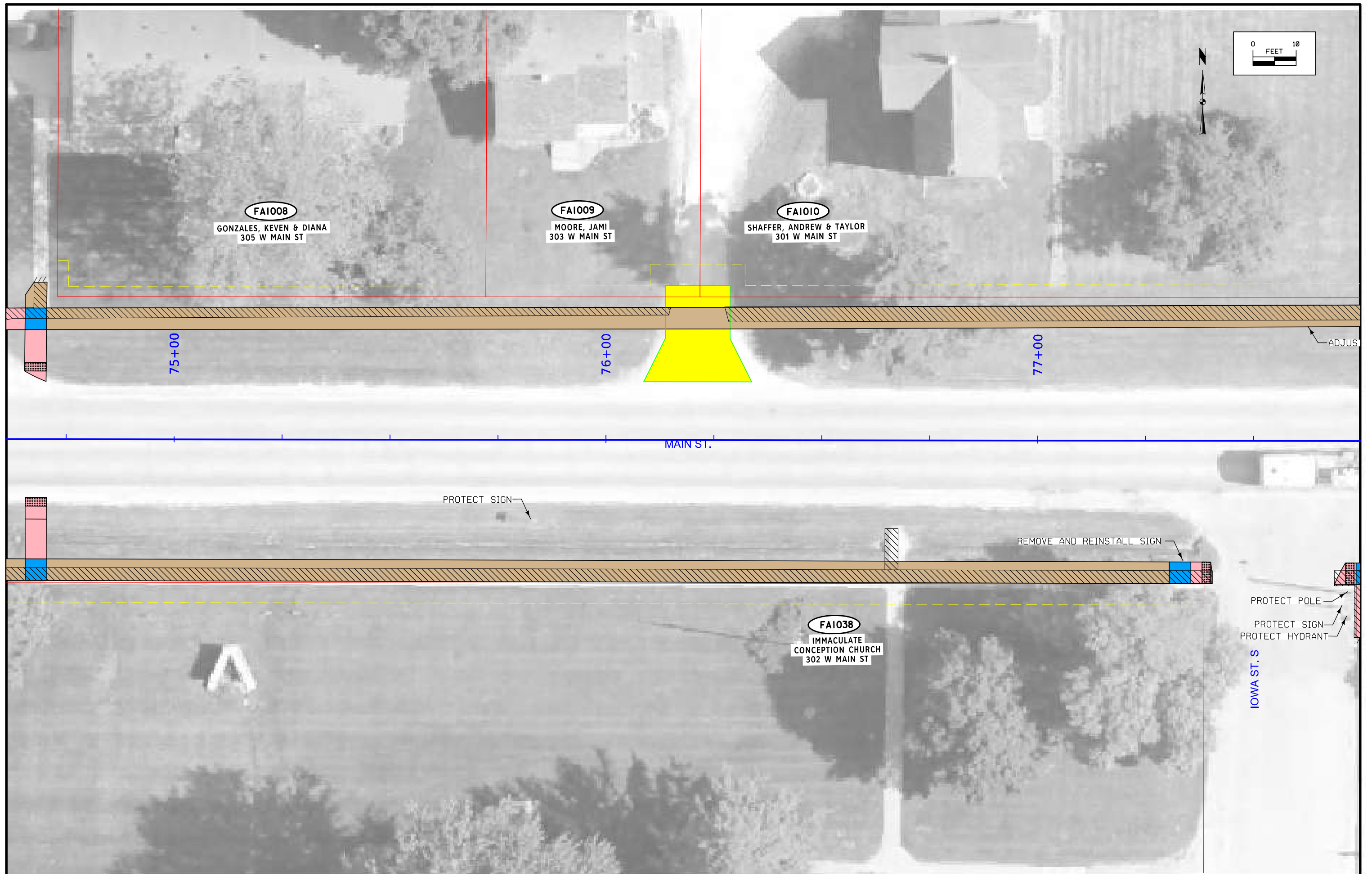


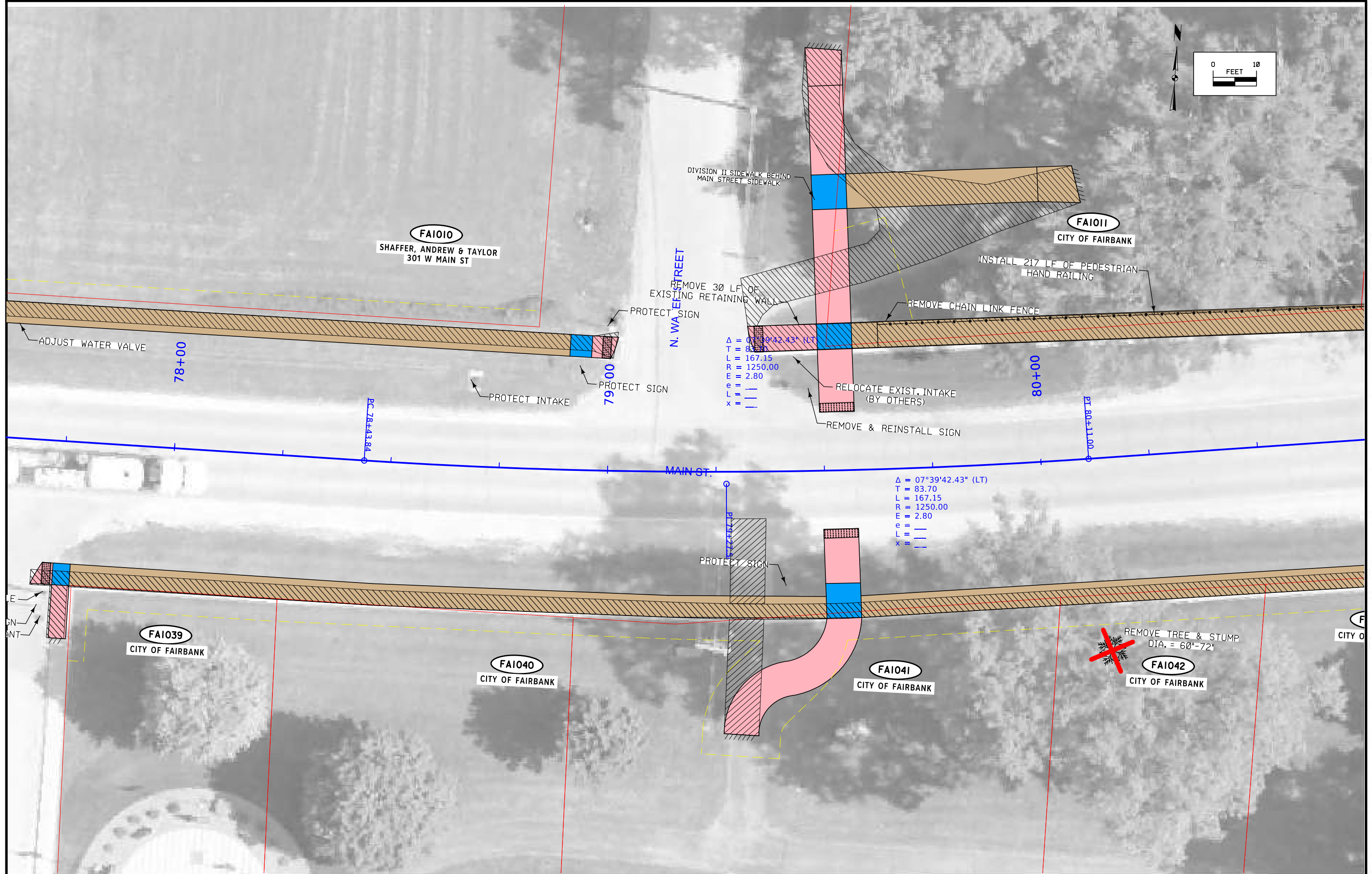
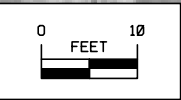




FILE NO. -	ENGLISH	DESIGN TEAM AECOM	BUCHANAN COUNTY	PROJECT NUMBER STPN-281-2(8)--2J-10	SHEET NUMBER D.5
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**FA1010**  
 SHAFFER, ANDREW & TAYLOR  
 301 W MAIN ST

**FA1011**  
 CITY OF FAIRBANK

N. WASHINGTON STREET

MAIN ST.

**FA1039**  
 CITY OF FAIRBANK

**FA1040**  
 CITY OF FAIRBANK

**FA1041**  
 CITY OF FAIRBANK

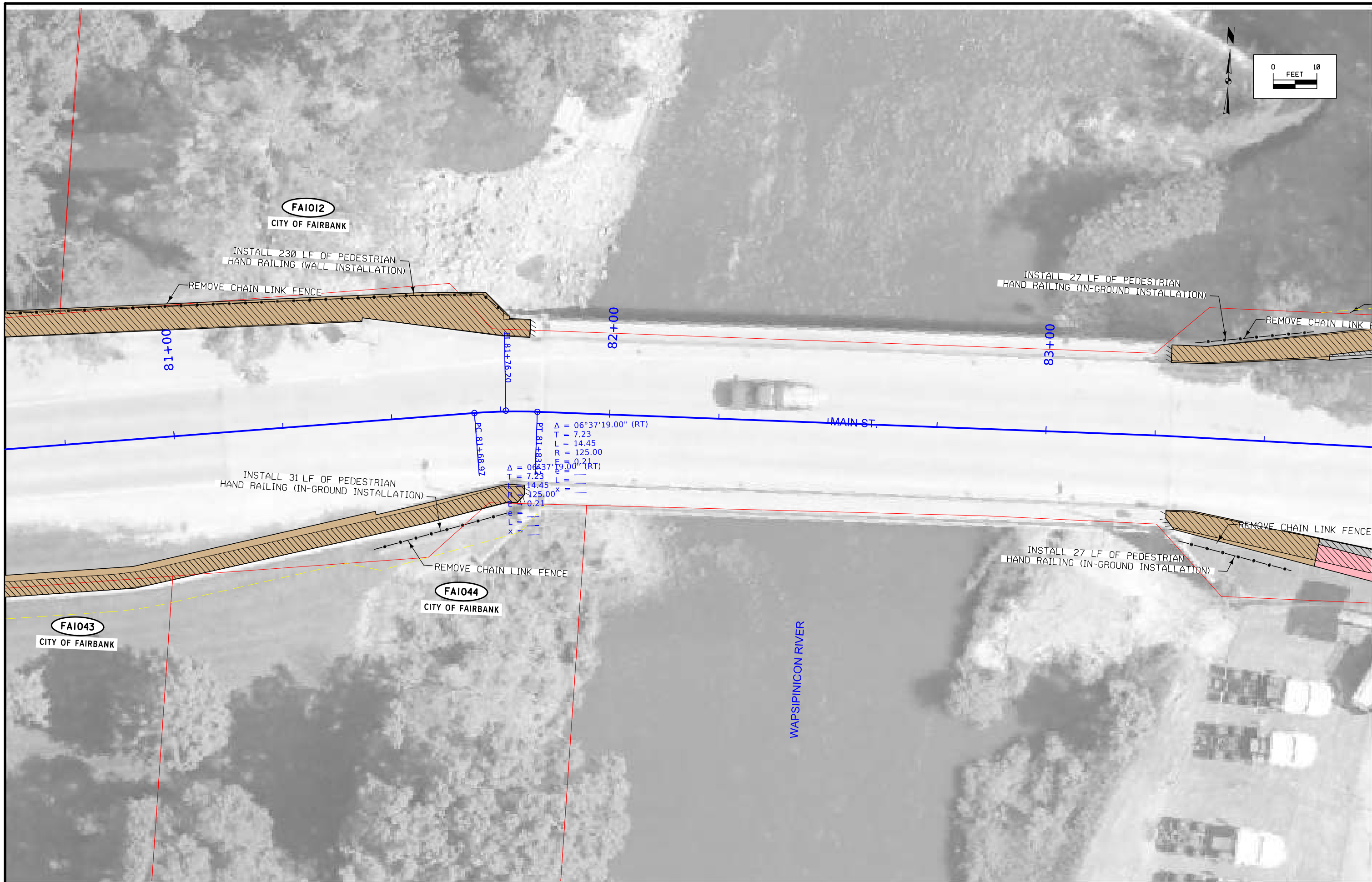
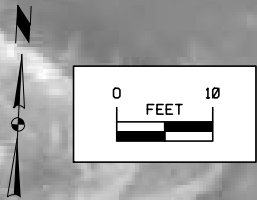
**FA1042**  
 CITY OF FAIRBANK

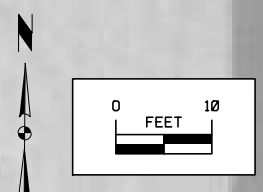
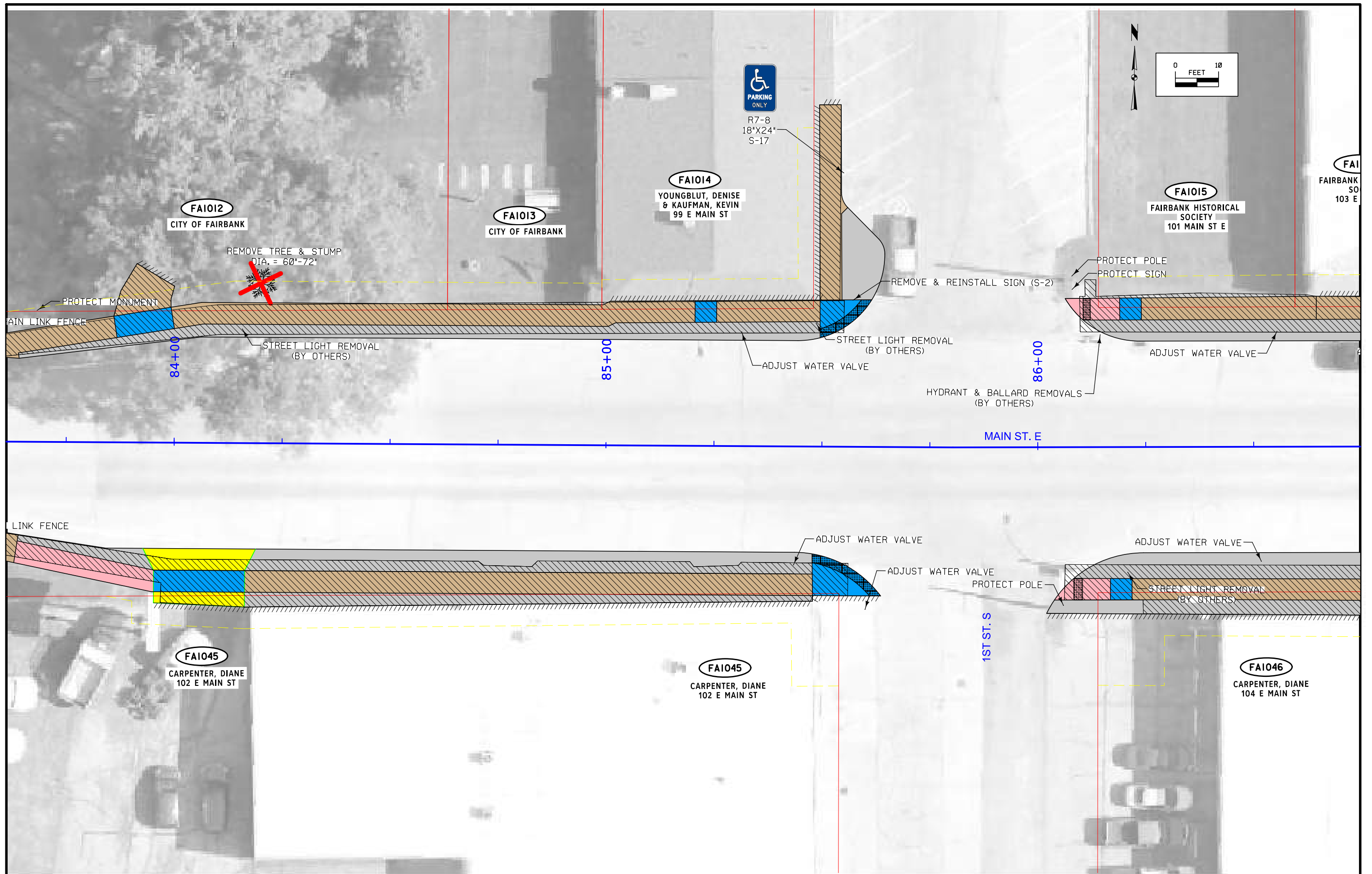
$\Delta = 07^{\circ}42.43'$  (LT)  
 T = 83.70  
 L = 167.15  
 R = 1250.00  
 E = 2.80  
 L = —  
 x = —

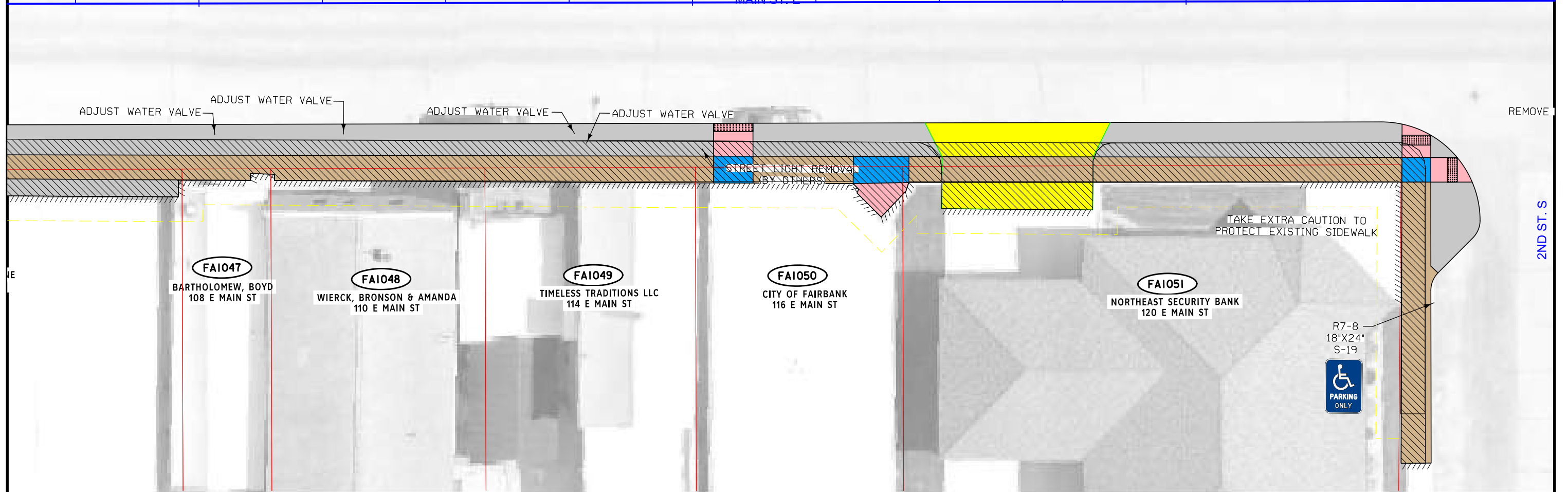
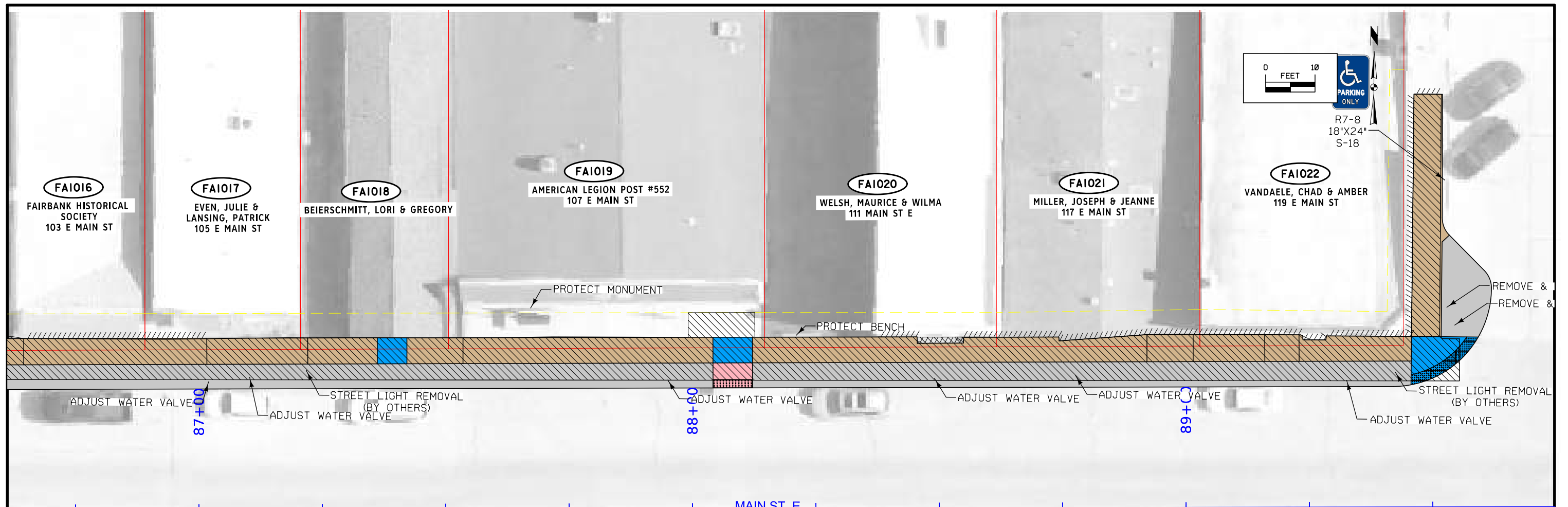
$\Delta = 07^{\circ}39'42.43"$  (LT)  
 T = 83.70  
 L = 167.15  
 R = 1250.00  
 E = 2.80  
 L = —  
 x = —

REMOVE TREE & STUMP  
 DIA. = 60"-72"

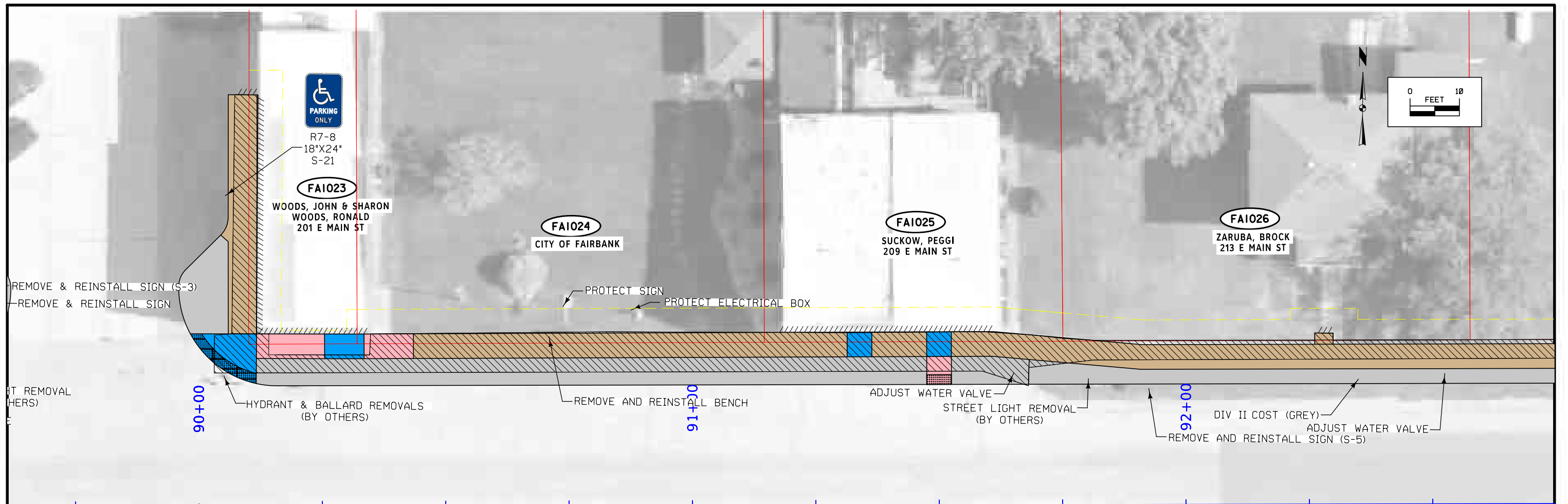




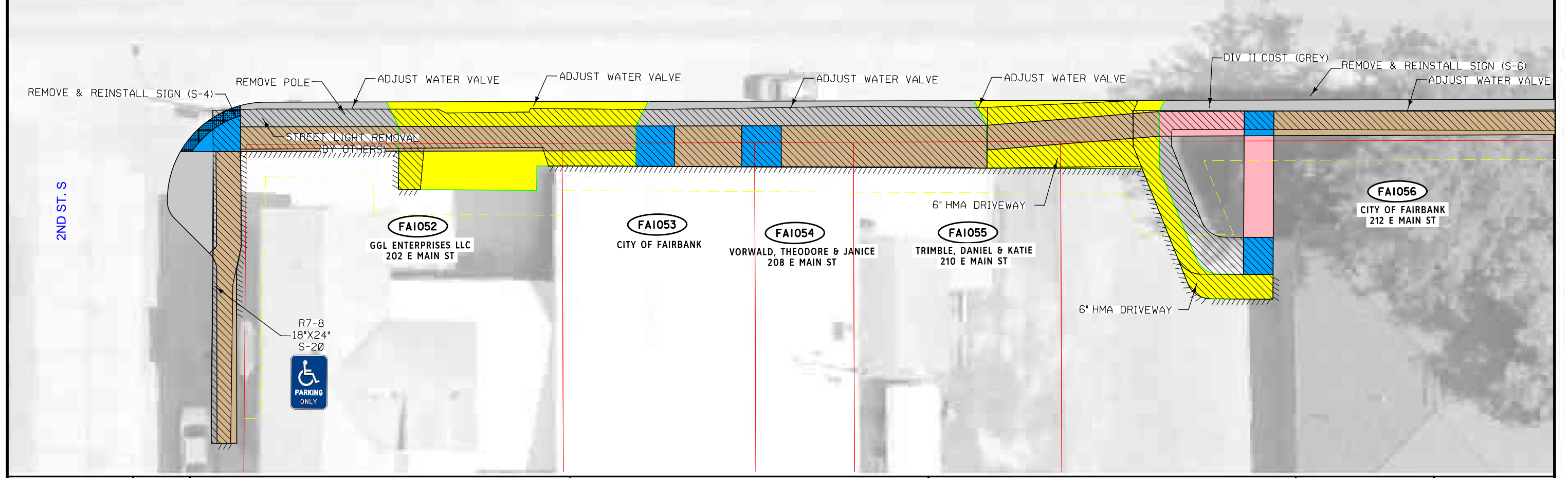


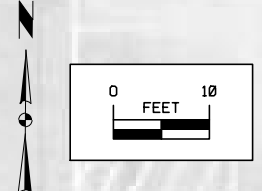






MAIN ST. E

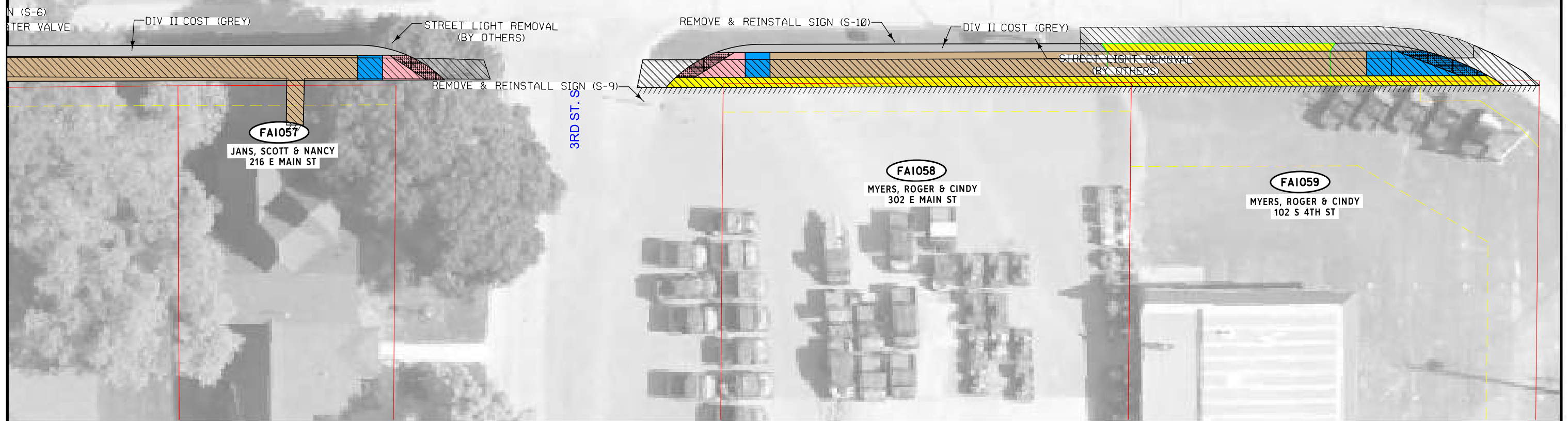
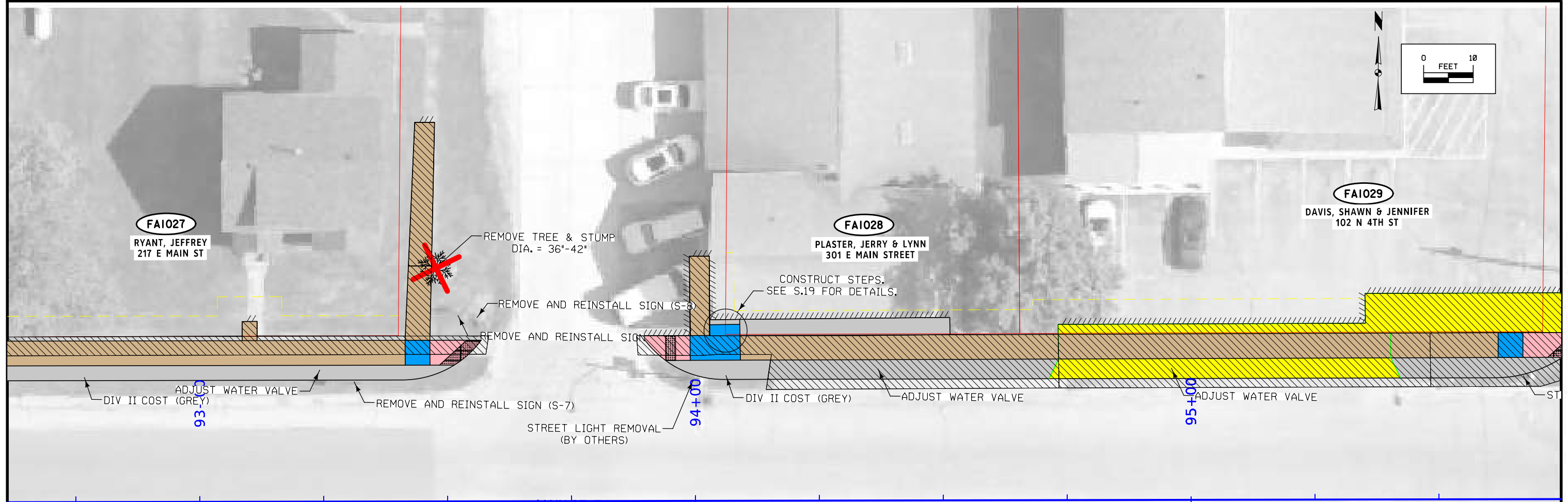


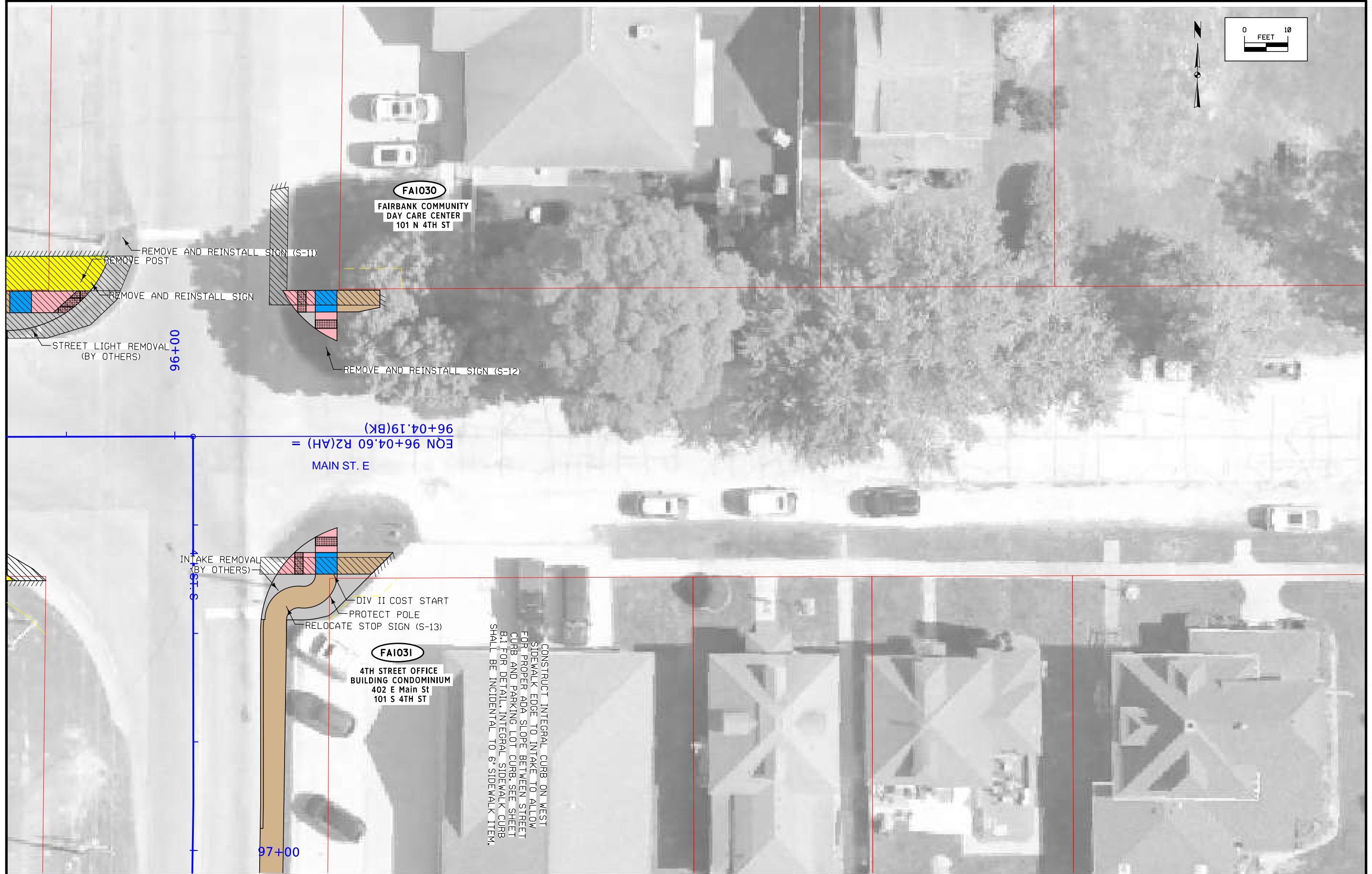
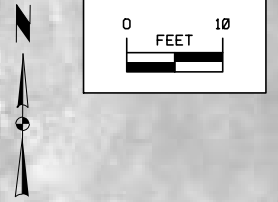


**FAI027**  
RYANT, JEFFREY  
217 E MAIN ST

**FAI028**  
PLASTER, JERRY & LYNN  
301 E MAIN STREET

**FAI029**  
DAVIS, SHAWN & JENNIFER  
102 N 4TH ST





**FAI030**  
**FAIRBANK COMMUNITY**  
**DAY CARE CENTER**  
**101 N 4TH ST**

REMOVE AND REINSTALL SIGN (S-11)  
 REMOVE POST

REMOVE AND REINSTALL SIGN

STREET LIGHT REMOVAL  
 (BY OTHERS)

96+00

REMOVE AND REINSTALL SIGN (S-12)

96+04.19(BK)

EQN 96+04.60 R2(AH) =

MAIN ST. E

INTAKE REMOVAL  
 (BY OTHERS)

S.T.S

DIV II COST START  
 PROTECT POLE  
 RELOCATE STOP SIGN (S-13)

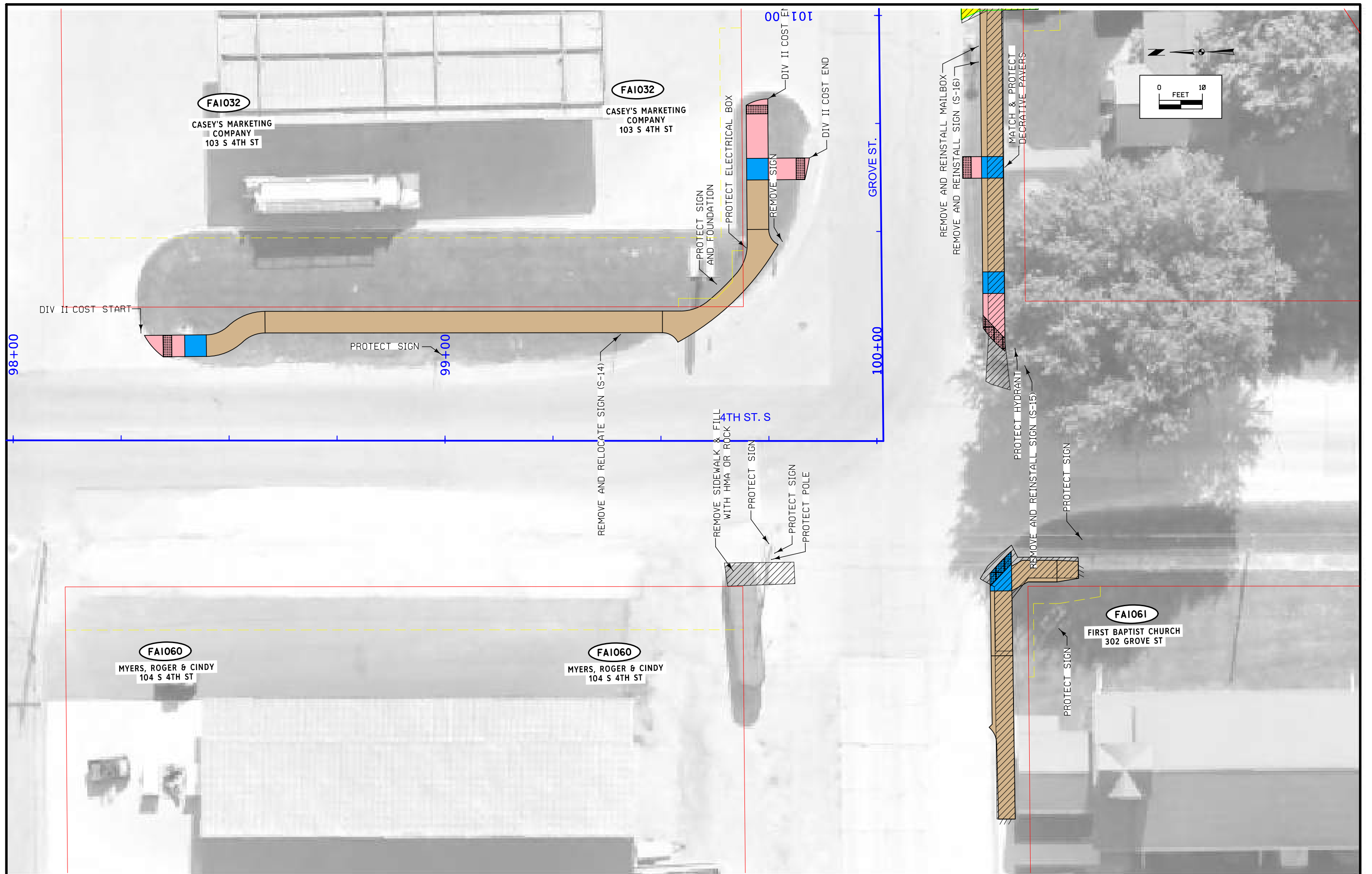
**FAI031**  
**4TH STREET OFFICE**  
**BUILDING CONDOMINIUM**  
**402 E Main St**  
**101 S 4TH ST**

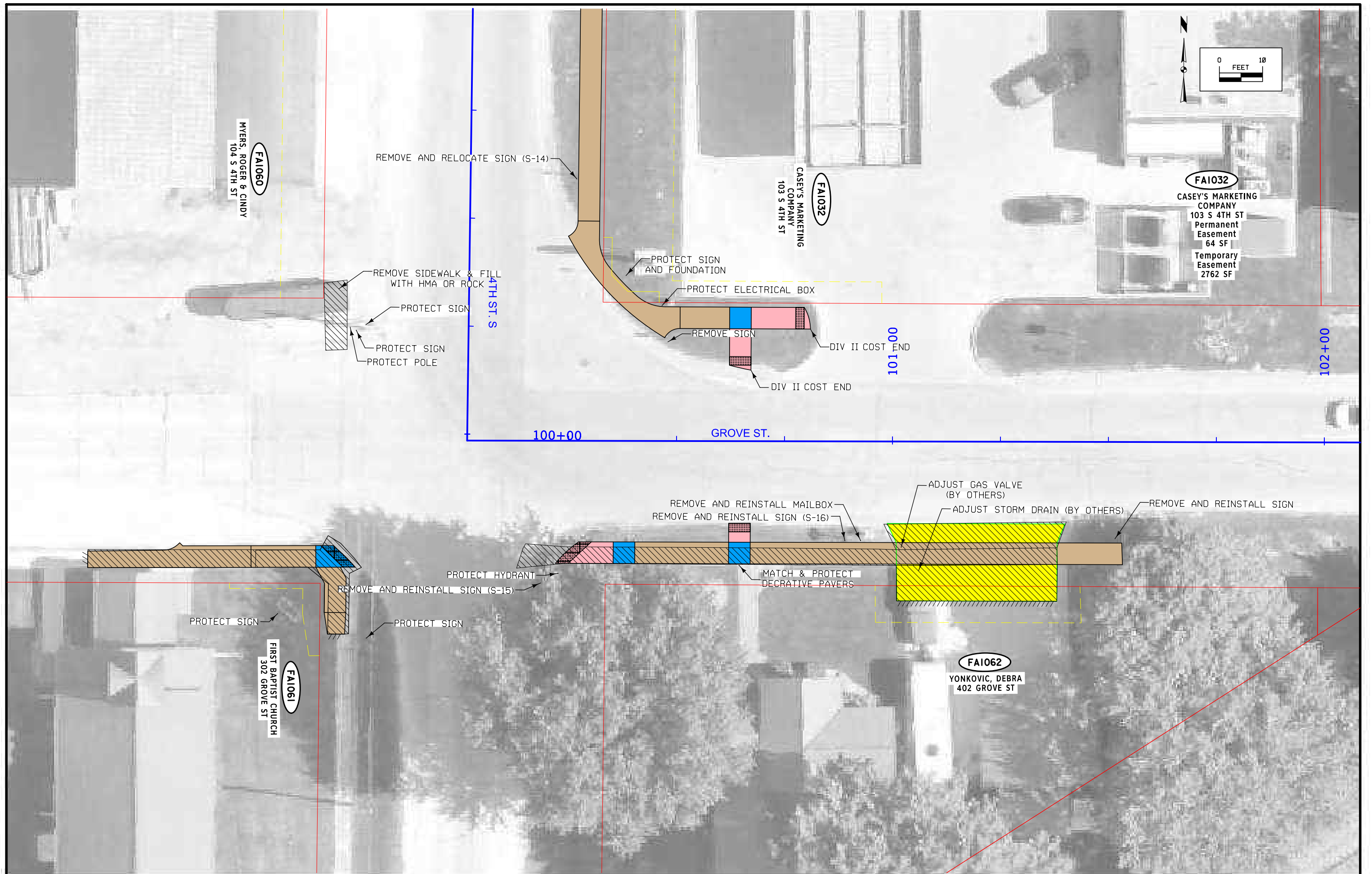
CONSTRUCT INTEGRAL CURB ON WEST  
 SIDEWALK EDGE TO INTAKE TO ALLOW  
 FOR PROPER ADA SLOPE BETWEEN STREET  
 CURB AND PARKING LOT CURB. SEE SHEET  
 B.1 FOR DETAIL. INTEGRAL SIDEWALK CURB  
 SHALL BE INCIDENTAL TO 6' SIDEWALK ITEM.

97+00

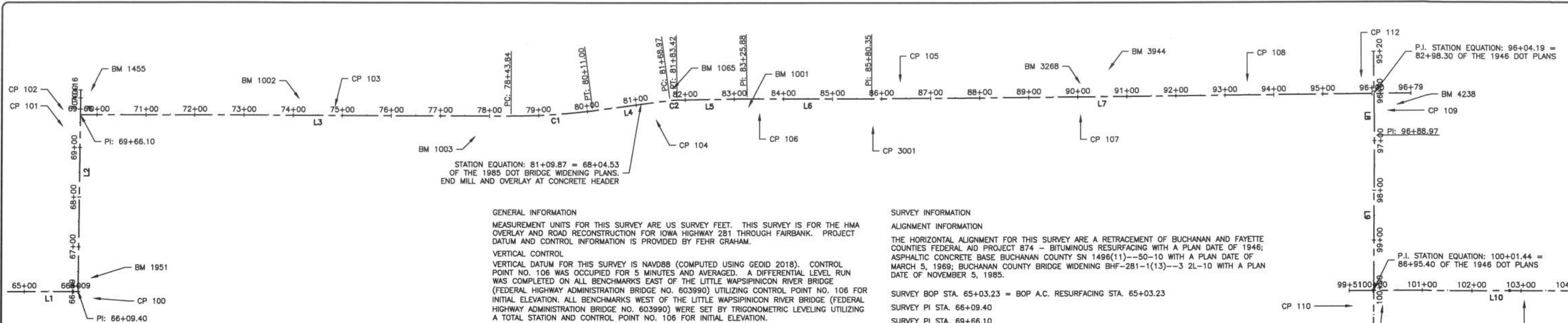












**GENERAL INFORMATION**  
 MEASUREMENT UNITS FOR THIS SURVEY ARE US SURVEY FEET. THIS SURVEY IS FOR THE HMA OVERLAY AND ROAD RECONSTRUCTION FOR IOWA HIGHWAY 281 THROUGH FAIRBANK. PROJECT DATUM AND CONTROL INFORMATION IS PROVIDED BY FEHR GRAHAM.

**VERTICAL CONTROL**  
 VERTICAL DATUM FOR THIS SURVEY IS NAVD88 (COMPUTED USING GEOID 2018). CONTROL POINT NO. 106 WAS OCCUPIED FOR 5 MINUTES AND AVERAGED. A DIFFERENTIAL LEVEL RUN WAS COMPLETED ON ALL BENCHMARKS EAST OF THE LITTLE WAPSIPINICON RIVER BRIDGE (FEDERAL HIGHWAY ADMINISTRATION BRIDGE NO. 603990) UTILIZING CONTROL POINT NO. 106 FOR INITIAL ELEVATION. ALL BENCHMARKS WEST OF THE LITTLE WAPSIPINICON RIVER BRIDGE (FEDERAL HIGHWAY ADMINISTRATION BRIDGE NO. 603990) WERE SET BY TRIGONOMETRIC LEVELING UTILIZING A TOTAL STATION AND CONTROL POINT NO. 106 FOR INITIAL ELEVATION.

**HORIZONTAL CONTROL**  
 HORIZONTAL CONTROL FOR THIS PROJECT IS IOWA REGIONAL COORDINATE SYSTEM, ZONE 5 (WATERLOO) (US SURVEY FEET). INITIAL CONTROL WAS SET BY USING THE IOWA REAL TIME NETWORK. ALL COORDINATES LISTED IN THE PLAN ARE FROM ABOVE STATED COORDINATE SYSTEM UNLESS OTHERWISE NOTED.

**SURVEY INFORMATION**  
**ALIGNMENT INFORMATION**  
 THE HORIZONTAL ALIGNMENT FOR THIS SURVEY ARE A RETRACEMENT OF BUCHANAN AND FAYETTE COUNTIES FEDERAL AID PROJECT 874 - BITUMINOUS RESURFACING WITH A PLAN DATE OF 1946; ASPHALTIC CONCRETE BASE BUCHANAN COUNTY SN 1496(11)--50-10 WITH A PLAN DATE OF MARCH 5, 1969; BUCHANAN COUNTY BRIDGE WIDENING BHF-281-1(13)--3 2L-10 WITH A PLAN DATE OF NOVEMBER 5, 1985.

SURVEY BOP STA. 65+03.23 = BOP A.C. RESURFACING STA. 65+03.23  
 SURVEY PI STA. 66+09.40  
 SURVEY PI STA. 69+66.10  
 SURVEY PC STA. 78+43.74  
 SURVEY PT STA. 80+11.00  
 END A.C. RESURFACING STA. 81+09.87 = 68+04.53 OF THE 1985 DOT BRIDGE WIDENING PLANS  
 SURVEY PC STA. 81+68.97  
 SURVEY PT STA. 81+83.42  
 BEGIN P.C.C. RECONSTRUCTION STA. 83+64  
 SURVEY PI STA. 83+25.88  
 SURVEY PI STA. 85+80.35  
 SURVEY PI STA. 96+04.19 = 82+98.30 OF THE 1946 DOT PLANS  
 SURVEY PI STA. 96+88.97  
 SURVEY PI STA. 100+01.49 = 86+95.40 OF THE 1946 DOT PLANS  
 SURVEY EOP STA. 103+51.51 = P.C.C. RECONSTRUCTION EOP STATION 103+51.51

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

*[Signature]*  
 Jon S. Biederman, P.E. Date: 10/25/2022  
 License Number 13868  
 My license renewal date is December 31, 2022.  
 Pages or sheets covered by this seal: G.01

**ALIGNMENT COORDINATES**  
 This Data Entry Sheet fills Tab 101-16 MODIFIED effective 10-20-09

Name	Location	Point on Tangent			Begin Curve		Simple Curve PI or Master PI of SCS				End Curve		
		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates	
			Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)
L1	FAIRBANK ST.	65+03.23	8,895,774.38	15,551,784.27									
L2	WALNUT ST.	66+09.40	8,895,774.14	15,551,890.44									
L3	MAIN ST.	69+66.10	8,896,130.83	15,551,893.85									
C1	MAIN ST.				78+43.84	8,896,128.95	15,552,771.59	79+27.48	8,896,128.77	15,552,855.36	80+11.00	8,896,139.76	15,552,938.27
L4	MAIN ST.	80+11.00	8,896,139.76	15,552,938.27									
C2	MAIN ST.				81+68.97	8,896,160.48	15,553,094.88	81+76.16	8,896,161.43	15,553,102.02	81+83.42	8,896,161.55	15,553,109.28
L5	MAIN ST.	81+83.42	8,896,161.55	15,553,109.28									
L6	MAIN ST.	83+25.88	8,896,163.83	15,553,251.72									
L7	MAIN ST.	85+80.35	8,896,163.88	15,553,506.19									
L8	4TH ST.	96+04.19	8,896,172.29	15,554,530.00									
L9	4TH ST.	96+88.97	8,896,087.91	15,554,530.60									
L10	GROVE ST.	100+01.49	8,895,775.40	15,554,527.67									

**SURVEY CONTROL INFORMATION**

CONTROL POINTS				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 100	8895760.81	15551921.22	976.15	1/2" REBAR WITH FG ORANGE CAP
CP 101	8896107.09	15551858.44	976.30	CUT "X" NE INTK PCC
CP 102	8896140.63	15551858.48	976.89	1/2" REBAR WITH ALUMINUM FG CAP, OLD CP5
CP 103	8896147.78	15552412.59	970.91	1/2" REBAR WITH FG ORANGE CAP
CP 104	8896121.74	15553066.71	970.22	1/2" REBAR WITH FG ORANGE CAP
CP 105	8896197.90	15553563.76	969.31	CUT "X"
CP 106	8896134.99	15553277.43	970.07	1/2" REBAR WITH FG ORANGE CAP
CP 107	8896131.22	15553931.27	974.71	CUT "X"
CP 108	8896197.49	15554271.73	979.77	1/2" REBAR WITH FG ORANGE CAP
CP 109	8896138.05	15554557.37	983.34	1/2" REBAR WITH FG ORANGE CAP
CP 110	8895744.33	15554484.97	986.30	1/2" REBAR WITH FG ORANGE CAP
CP 112	8896204.86	15554504.25	982.42	MAG NAIL
CP 3041	8896190.22	15553480.74	968.11	CUT "X" ON NORTH SANITARY RIM

BENCHMARKS				
BM NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM 1001	8896147.20	15553254.77	974.06	FIRE HYDRANT - CUT "X" SOUTH WALL, EAST OF BRIDGE
BM 1002	8896162.94	15552340.21	973.58	FIRE HYDRANT - CUT "X" ON BURY BOLT
BM 1003	8896088.24	15552699.40	968.78	FIRE HYDRANT - CUT "X" ON MUELLER BOLT
BM 1065	8896183.89	15553100.64	972.20	FIRE HYDRANT - TOP ROUND BOLT
BM 1455	8896178.70	15551914.80	977.77	FIRE HYDRANT - NE BURY BOLT
BM 1951	8895801.48	15551916.20	979.15	FIRE HYDRANT - TOP BOLT
BM 3268	8896194.23	15553930.58	976.21	FIRE HYDRANT - CUT "X" ON NW BURY BOLT
BM 3944	8896222.22	15553989.01	975.47	FIRE HYDRANT - BURY TAG BOLT
BM 4238	8896150.00	15554576.19	984.63	FIRE HYDRANT - CUT "X" SE BURY BOLT
BM 4471	8895745.47	15554546.09	989.19	FIRE HYDRANT - CUT "X" SW BURY BOLT
BM 5501	8895756.28	15554832.56	990.72	NW ANCHOR BOLT ON RR CROSSING SIGN

**CIRCULAR CURVE DATA**  
 This Data Entry Sheet fills Tab 101-17 MODIFIED effective 4-19-11

Name	Location	ΔSCS	Curve Data					Remarks
			ΔC	T	L	R	E	
C1	MAIN ST.		07°39'42"	83.7	167.15	1250	2.79	
C2	MAIN ST.		06°37'19"	7.23	14.45	125	0.21	

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL

ILLINOIS  
 IOWA  
 WISCONSIN

OWNER/DEVELOPER:  
 CITY OF FAIRBANK  
 116 EAST MAIN STREET  
 FAIRBANK, IA 50629

PROJECT AND LOCATION:  
 MAIN STREET IMPROVEMENTS  
 FAIRBANK, IOWA  
 BUCHANAN COUNTY  
 STPN-281-2(10)--2J-10

DRAWN BY: AFC  
 APPROVED BY: JSB  
 DATE: 10/27/22  
 SCALE: AS NOTED

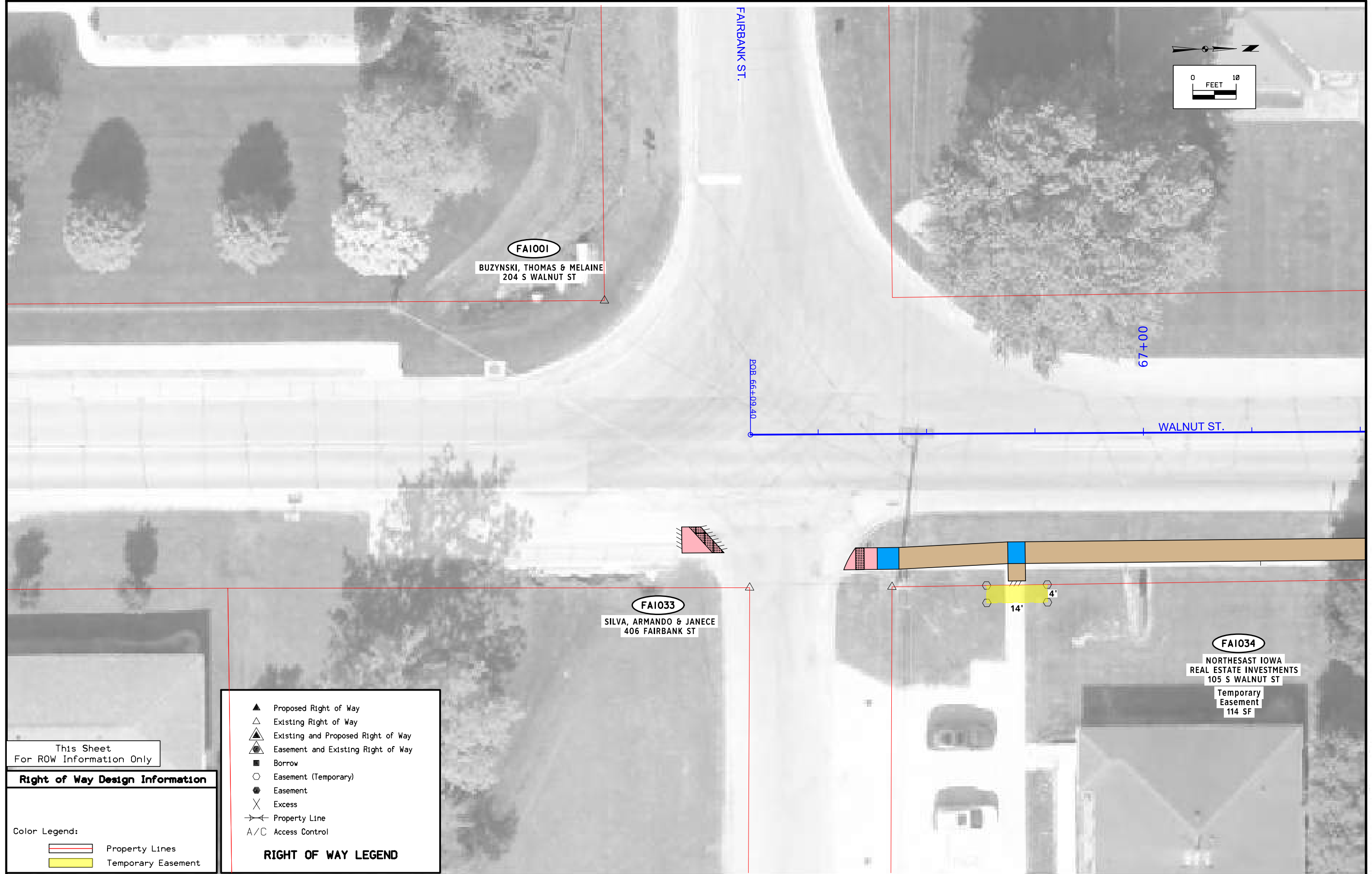
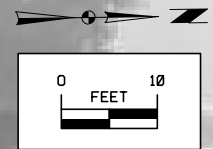
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
 BENCHMARKS & CENTERLINE DATA

SET TYPE: CHECK  
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JOB NUMBER:  
 22-1100

SHEET NUMBER:  
 G.01



This Sheet  
For ROW Information Only

**Right of Way Design Information**

Color Legend:

	Property Lines
	Temporary Easement

**RIGHT OF WAY LEGEND**

	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	A/C Access Control



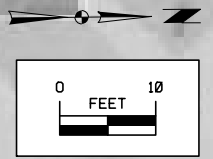
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For ROW Information Only

**Right of Way Design Information**

Color Legend:

- Property Lines
- Temporary Easement
- Fee Title

- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
  - △ Existing Right of Way
  - ▲△ Existing and Proposed Right of Way
  - ⊙ Easement and Existing Right of Way
  - Borrow
  - Easement (Temporary)
  - Easement
  - ✕ Excess
  - ↔ Property Line
  - A/C Access Control



**FA1001B**  
LASLO, RICHARD & BRENDA  
104 S WALNUT ST

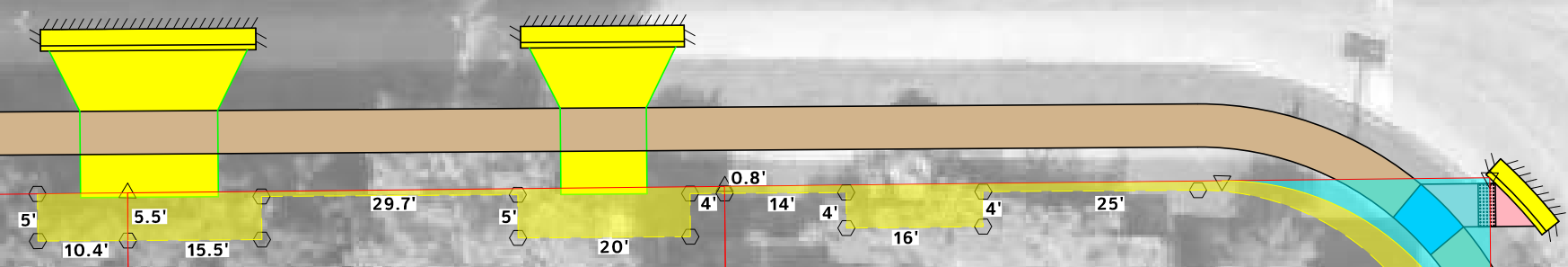
**FA1002**  
DUFFY, NORMAN & SHIRLEY  
102 S WALNUT ST

**FA1003**  
COLLIN BRANDT  
102 N WALNUT ST

68+00

69+00

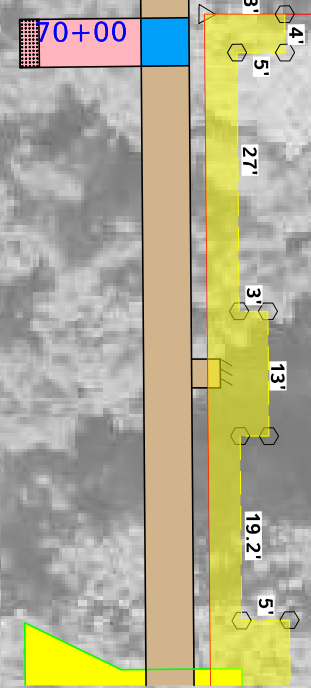
WALNUT ST.

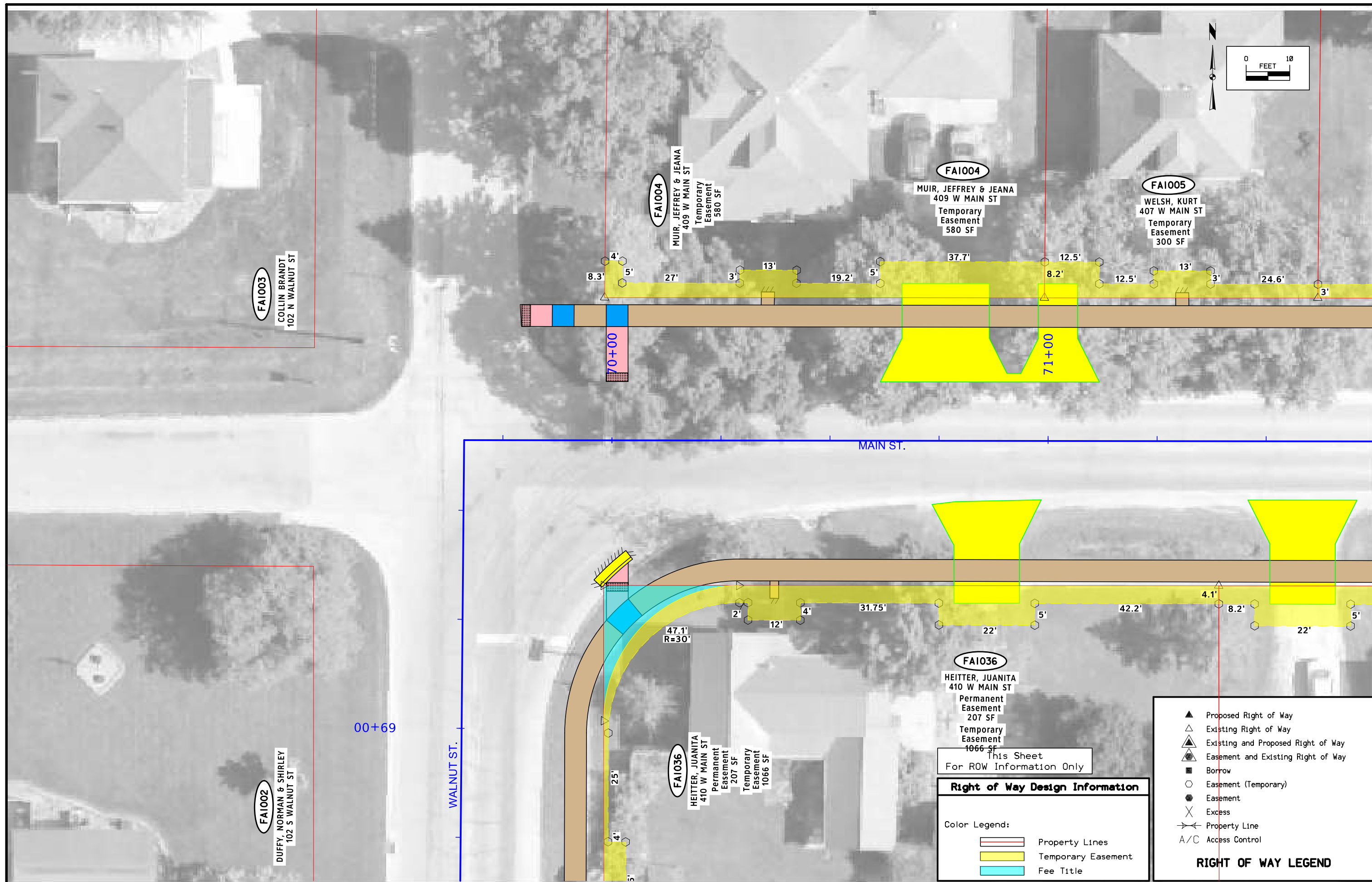


**FA1035**  
WELSH, MAURICE & WILMA  
103 S WALNUT ST  
Temporary Easement  
224 SF

**FA1036**  
HEITTER, JUANITA  
410 W MAIN ST  
Permanent Easement  
207 SF  
Temporary Easement  
1066 SF

**FA1004**  
MUIR, JEFFREY & JEANA  
409 W MAIN ST  
Temporary Easement  
580 SF





**FAI004**

MUIR, JEFFREY & JEANA  
409 W MAIN ST  
Temporary Easement  
580 SF

**FAI005**

WELSH, KURT  
407 W MAIN ST  
Temporary Easement  
300 SF

**FAI003**

COLLIN BRANDT  
102 N WALNUT ST

**FAI004**

MUIR, JEFFREY & JEANA  
409 W MAIN ST  
Temporary Easement  
580 SF

**FAI002**

DUFFY, NORMAN & SHIRLEY  
102 S WALNUT ST

**FAI036**

HEITTER, JUANITA  
410 W MAIN ST  
Permanent Easement  
207 SF  
Temporary Easement  
1066 SF

**FAI036**

HEITTER, JUANITA  
410 W MAIN ST  
Permanent Easement  
207 SF  
Temporary Easement  
1066 SF

This Sheet  
For ROW Information Only

**Right of Way Design Information**

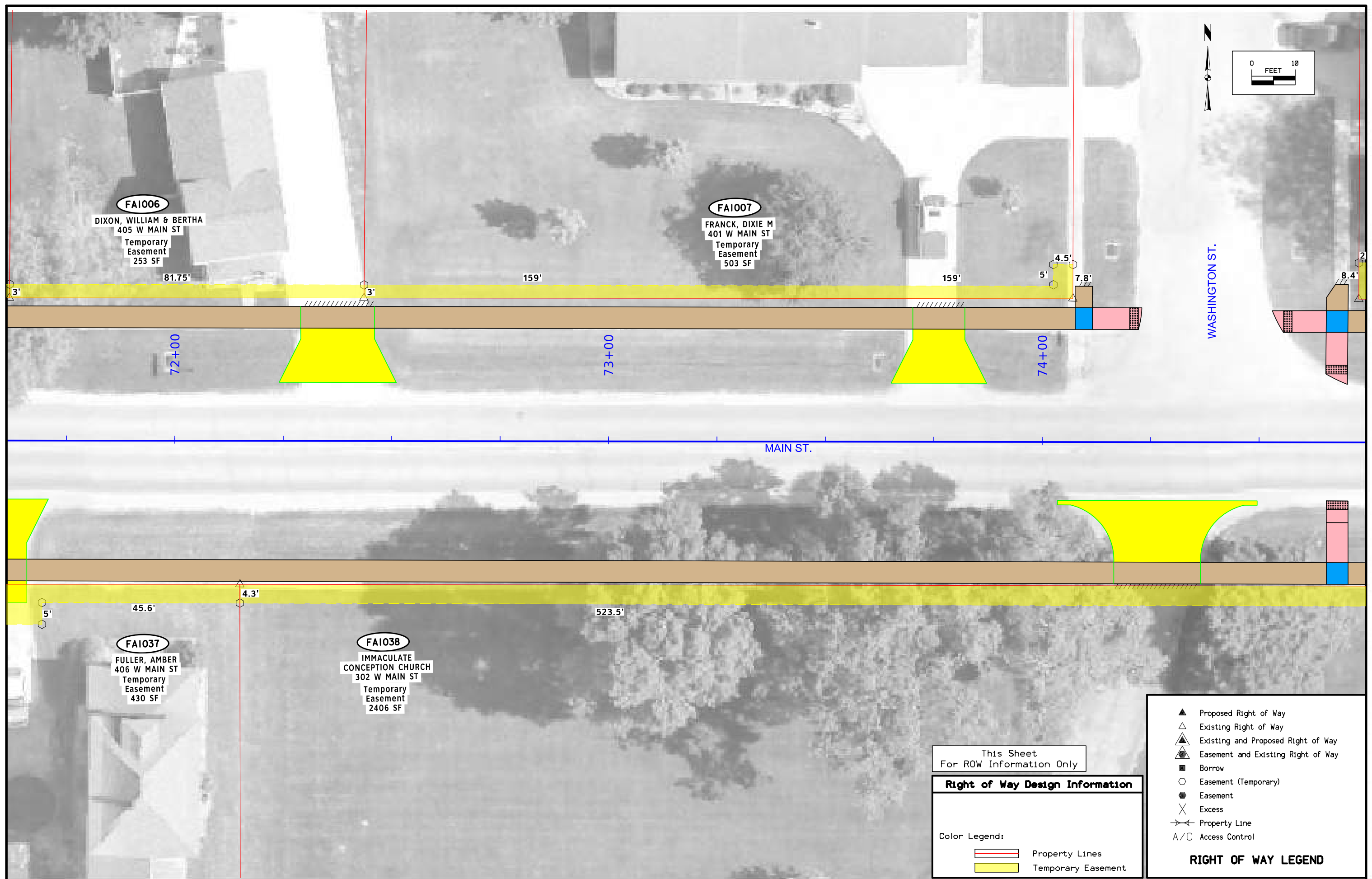
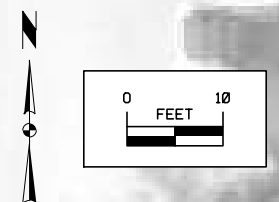
Color Legend:

- Property Lines
- Temporary Easement
- Fee Title

**RIGHT OF WAY LEGEND**

- Proposed Right of Way
- Existing Right of Way
- Existing and Proposed Right of Way
- Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- Excess
- Property Line
- A/C Access Control

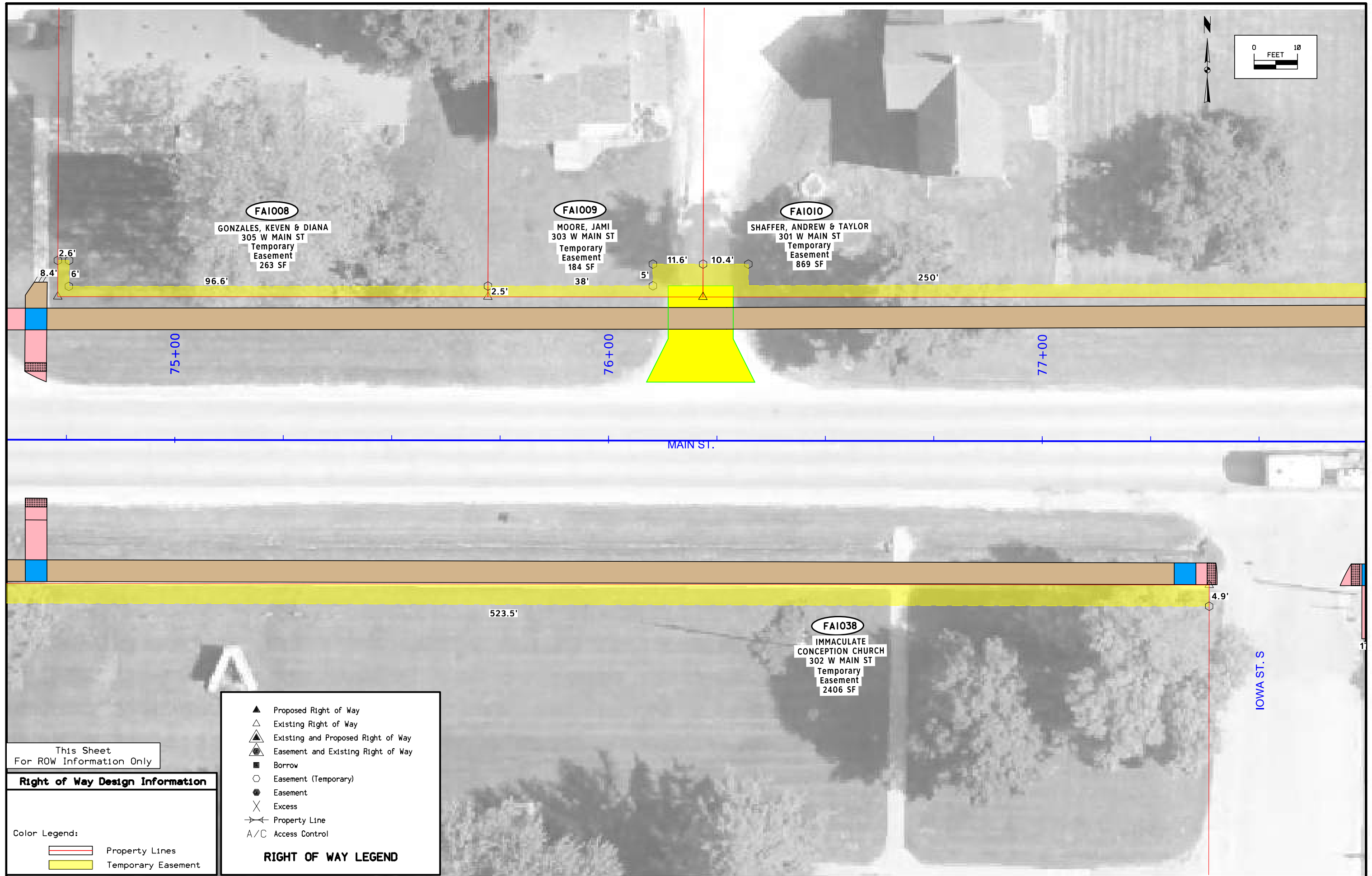
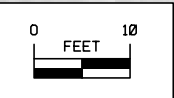




This Sheet  
For ROW Information Only

Right of Way Design Information	
	Property Lines
	Temporary Easement

RIGHT OF WAY LEGEND	
	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	Access Control



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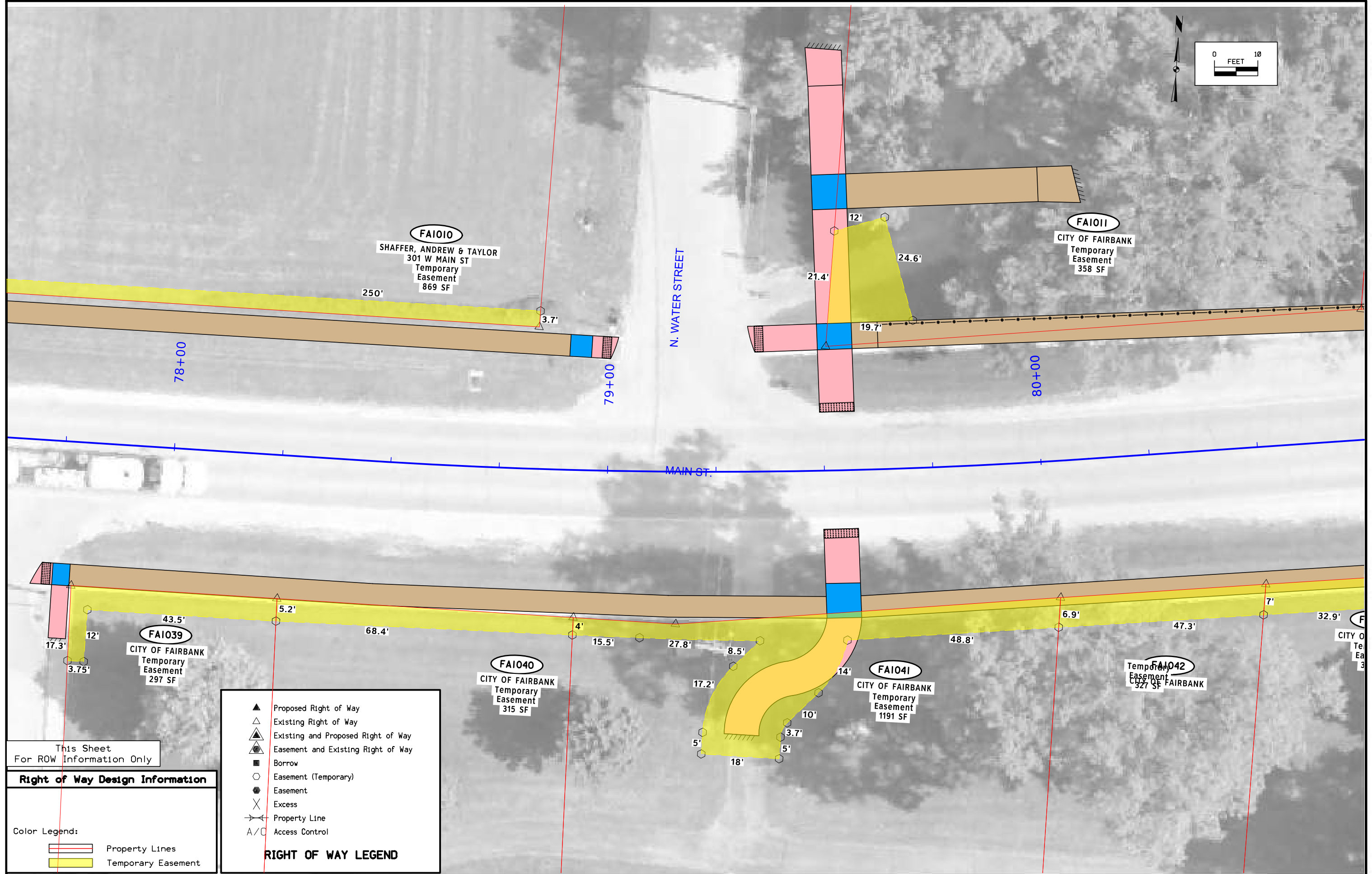
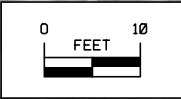
**Right of Way Design Information**

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**RIGHT OF WAY LEGEND**

- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲ Existing and Proposed Right of Way
- △ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- X Excess
- ↔ Property Line
- A/C Access Control



**FA1010**  
 SHAFFER, ANDREW & TAYLOR  
 301 W MAIN ST  
 Temporary  
 Easement  
 869 SF

**FA1011**  
 CITY OF FAIRBANK  
 Temporary  
 Easement  
 358 SF

**FA1039**  
 CITY OF FAIRBANK  
 Temporary  
 Easement  
 297 SF

**FA1040**  
 CITY OF FAIRBANK  
 Temporary  
 Easement  
 315 SF

**FA1041**  
 CITY OF FAIRBANK  
 Temporary  
 Easement  
 1191 SF

**FA1042**  
 Temporary  
 Easement  
 327 SF  
 CITY OF FAIRBANK

**RIGHT OF WAY LEGEND**

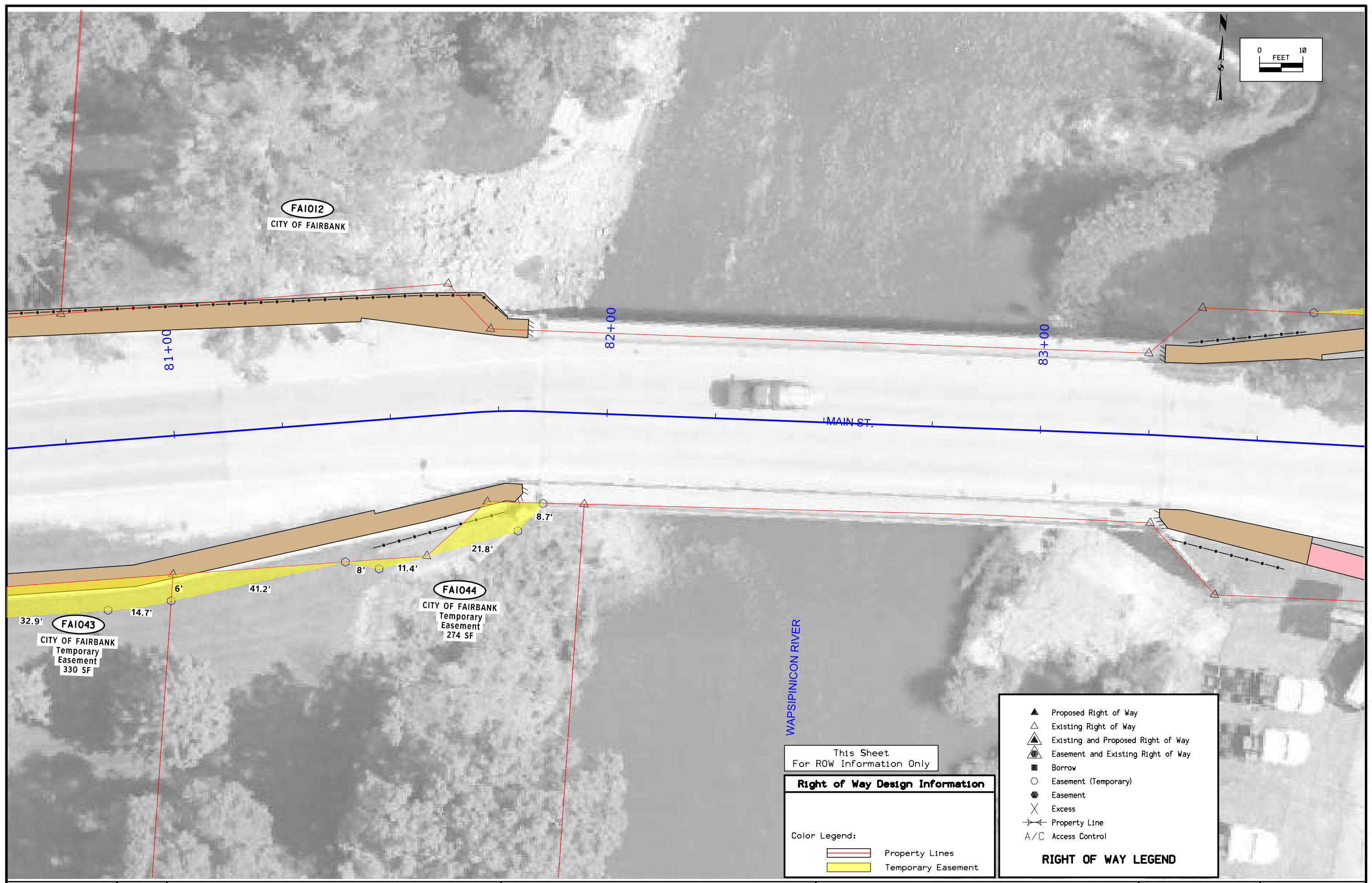
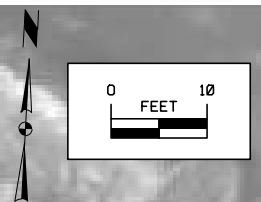
- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲ Existing and Proposed Right of Way
- △ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- ✕ Excess
- Property Line
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 Information Only

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**Color Legend:**

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- Temporary Easement

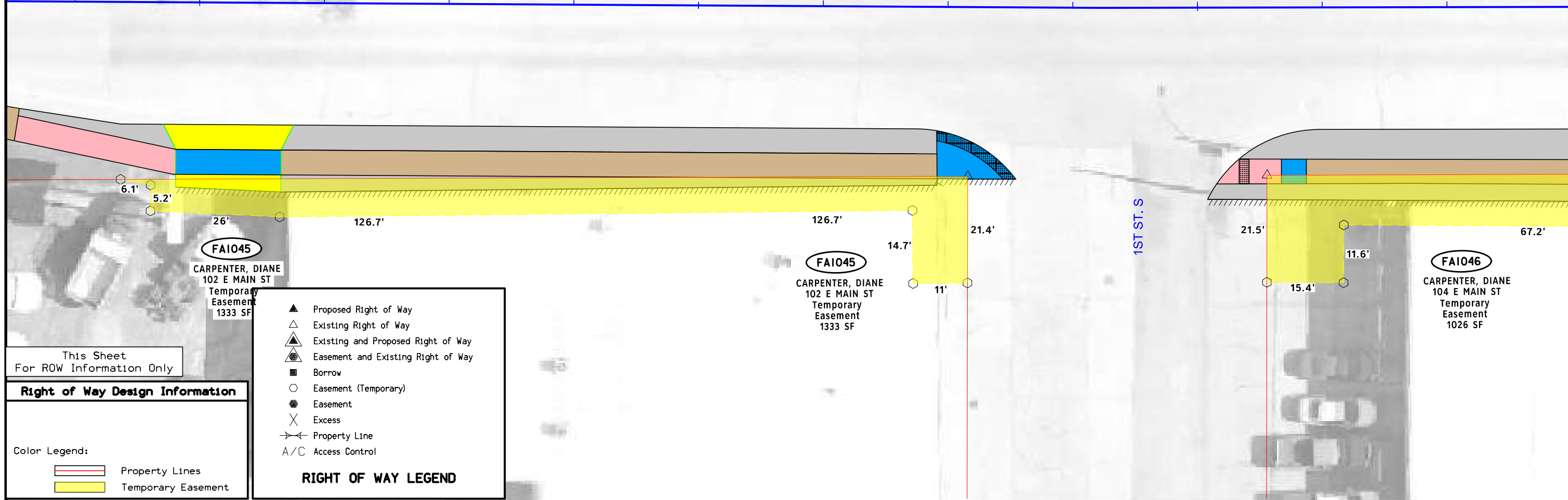
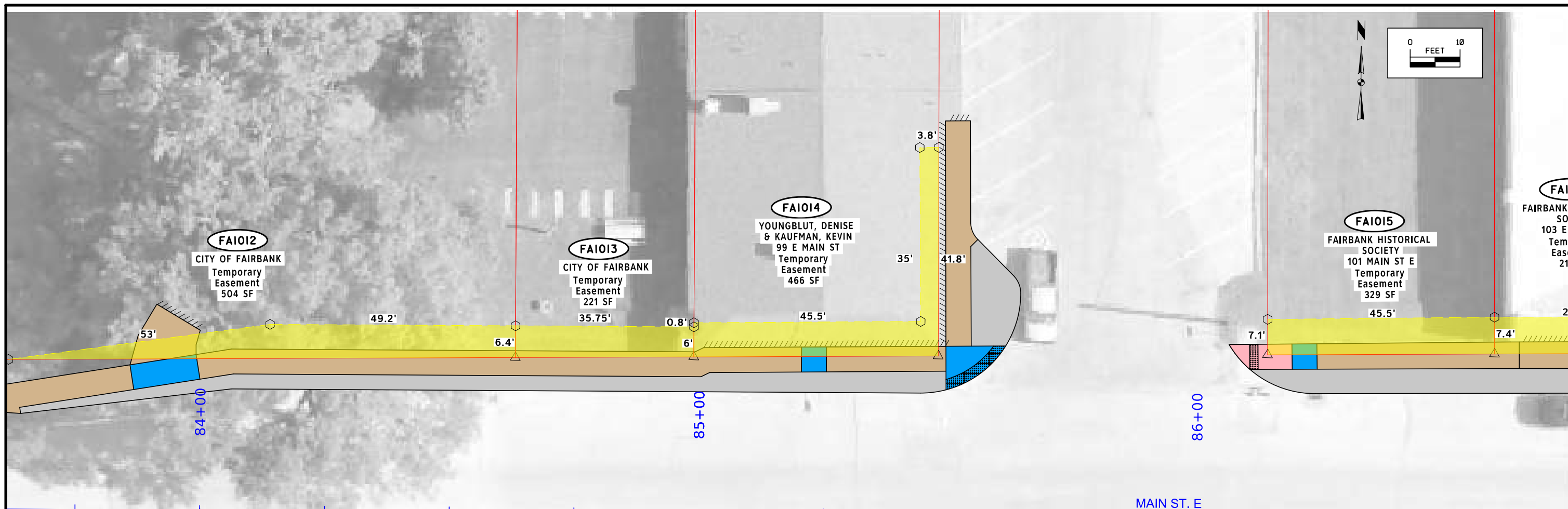


This Sheet  
For ROW Information Only

Right of Way Design Information	
Color Legend:	
	Property Lines
	Temporary Easement

RIGHT OF WAY LEGEND	
	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
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For ROW Information Only

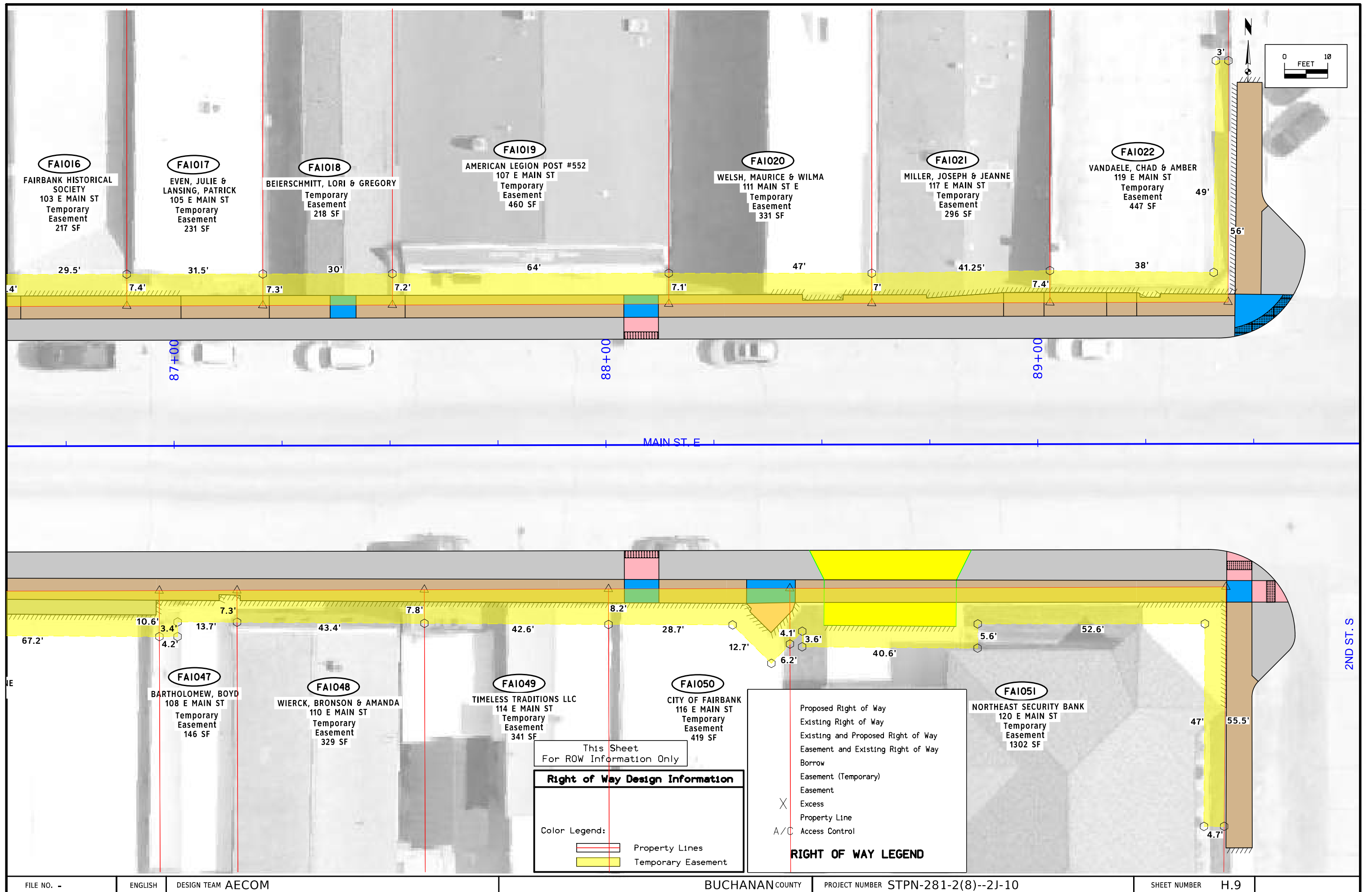
**Right of Way Design Information**

Color Legend:

- Property Lines
- Temporary Easement

**RIGHT OF WAY LEGEND**

- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲ Existing and Proposed Right of Way
- △ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- X Excess
- |— Property Line
- |— A/C Access Control



This Sheet  
For ROW Information Only

**Right of Way Design Information**

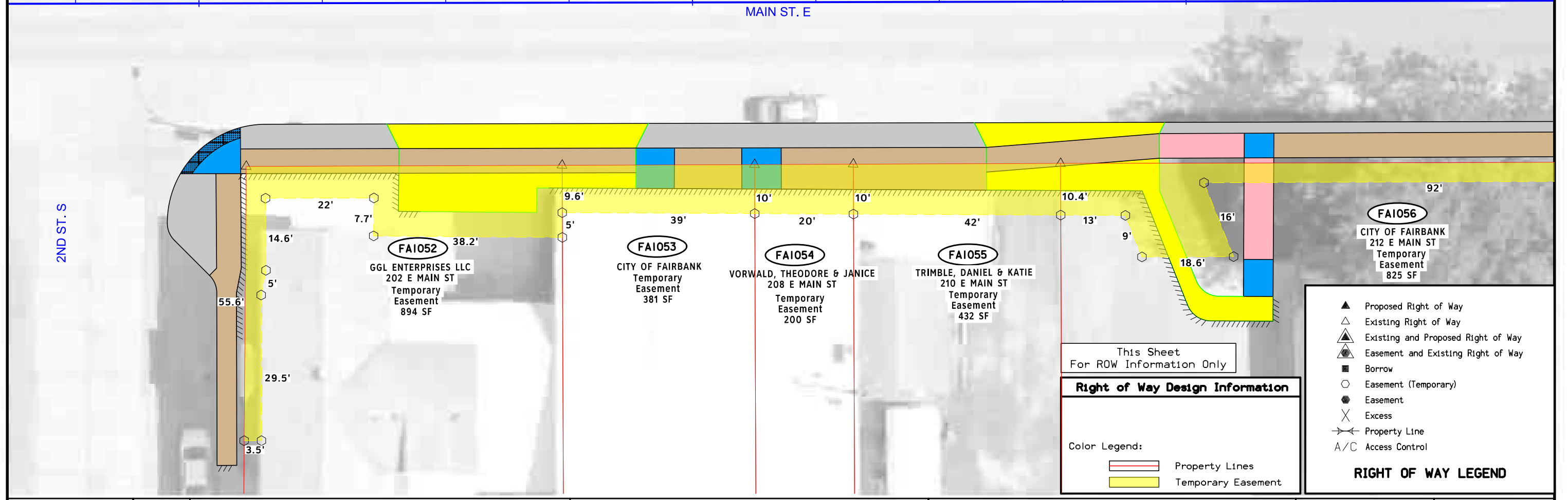
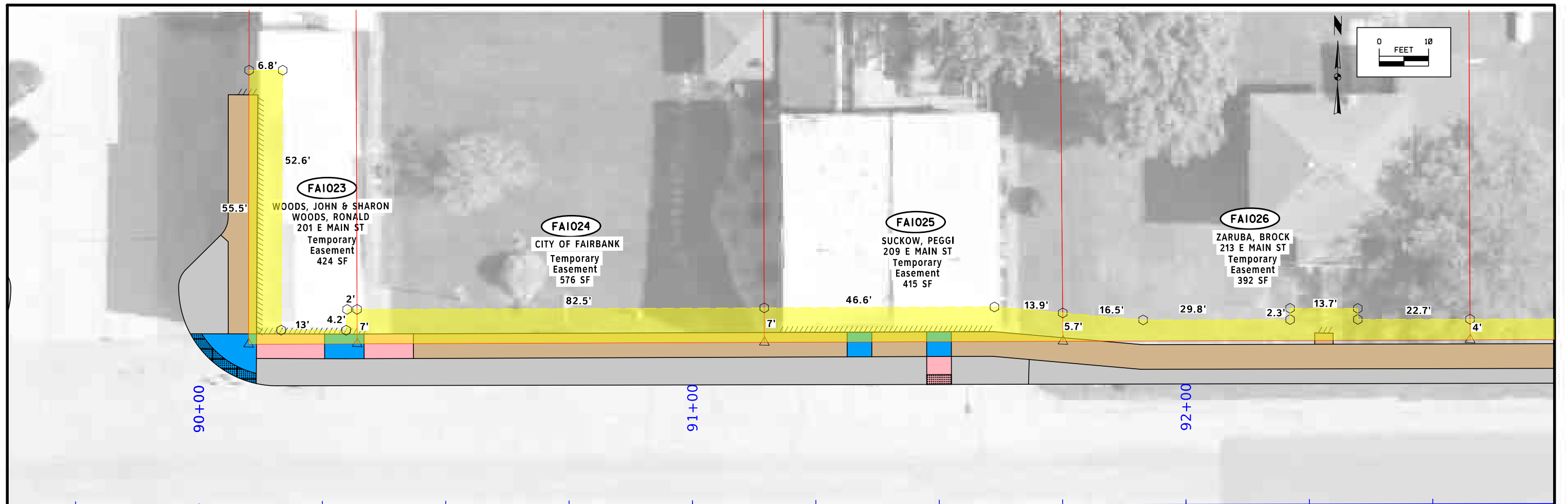
Color Legend:

	Property Lines
	Temporary Easement

**RIGHT OF WAY LEGEND**

	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	Access Control





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For ROW Information Only

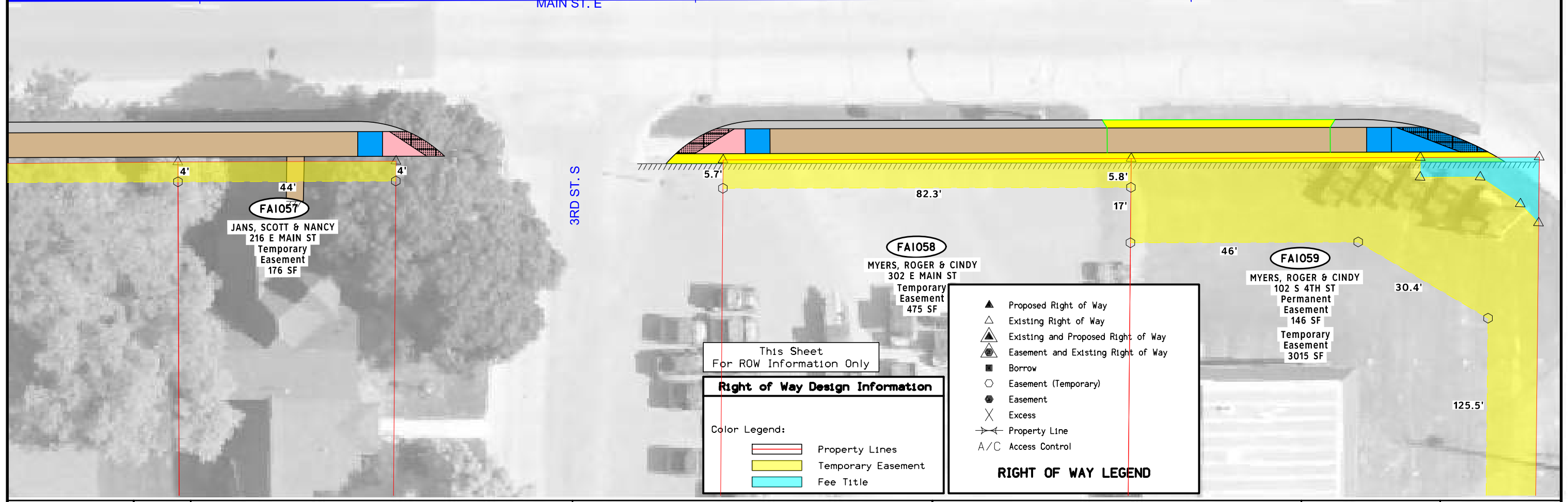
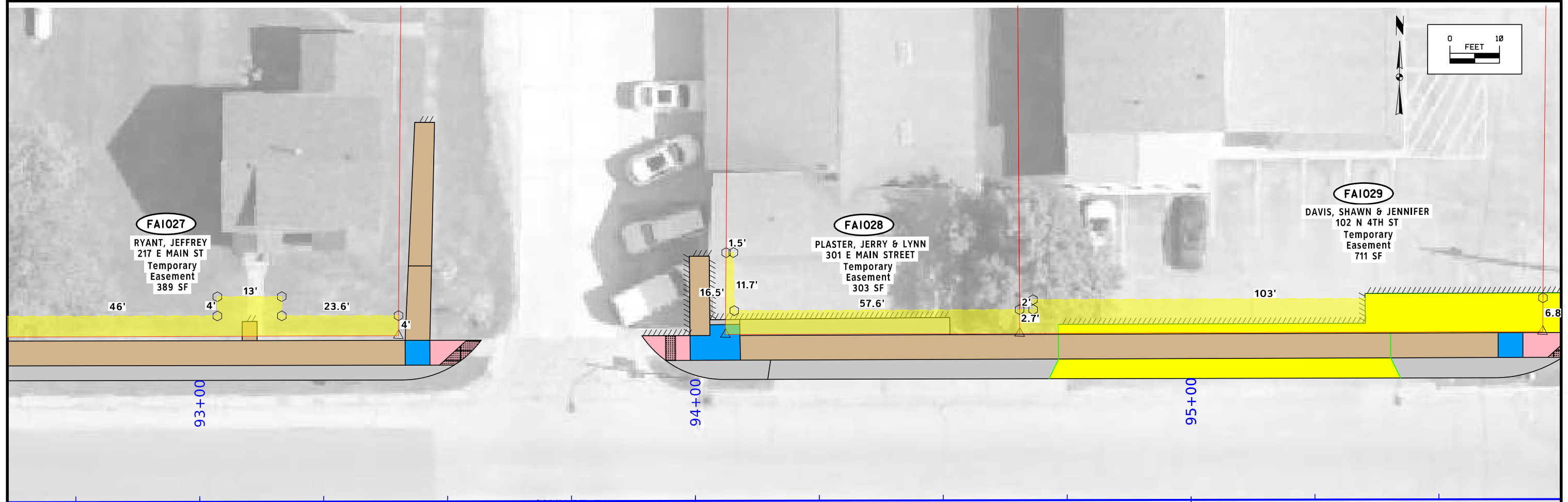
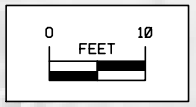
**Right of Way Design Information**

Color Legend:

- Property Lines
- Temporary Easement

**RIGHT OF WAY LEGEND**

- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲△ Existing and Proposed Right of Way
- ▲△ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- X Excess
- |— Property Line
- A/C Access Control



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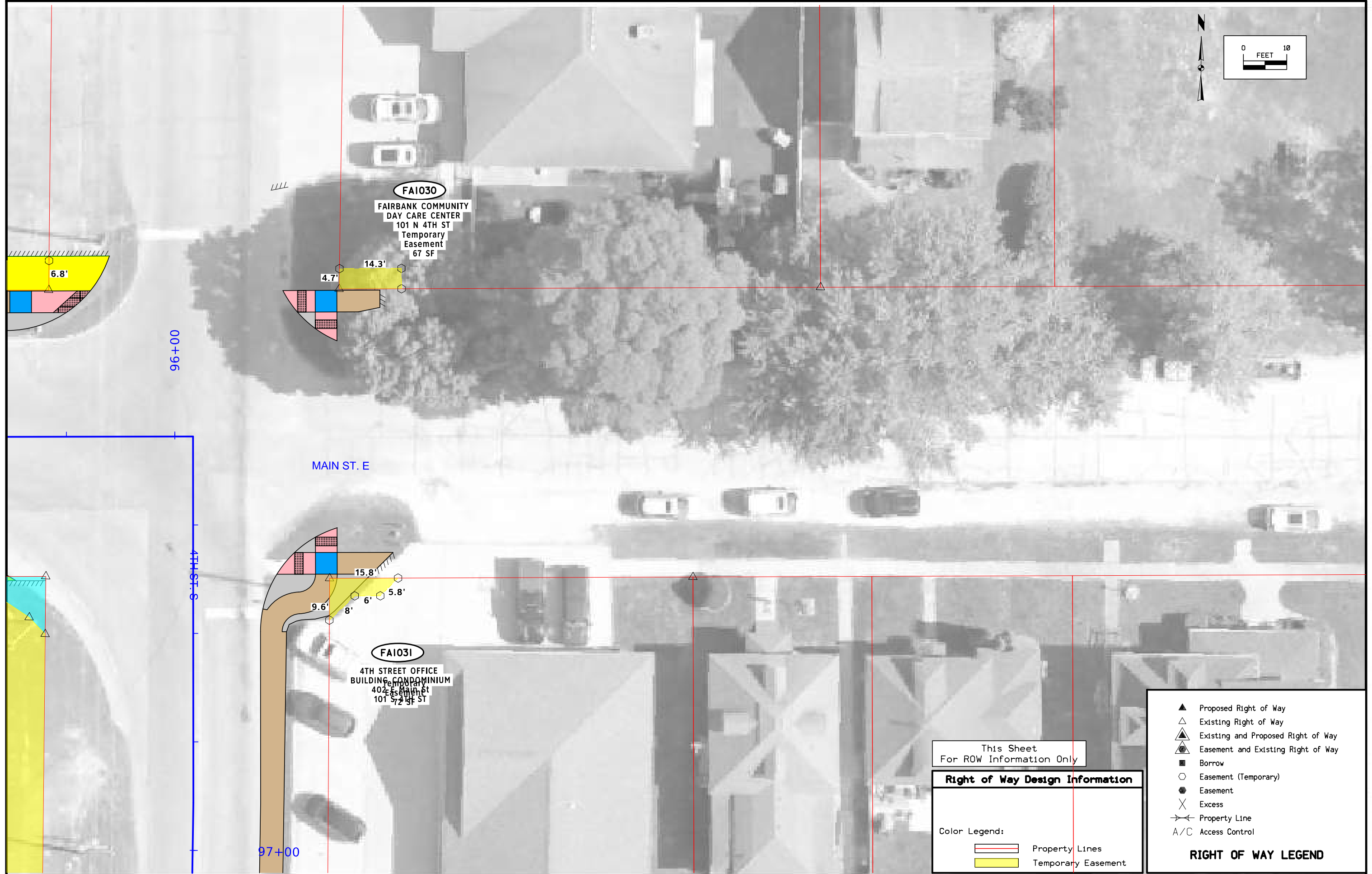
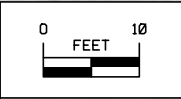
**Right of Way Design Information**

Color Legend:

	Property Lines
	Temporary Easement
	Fee Title

**RIGHT OF WAY LEGEND**

	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	A/C Access Control



**FAI030**  
 FAIRBANK COMMUNITY  
 DAY CARE CENTER  
 101 N 4TH ST  
 Temporary  
 Easement  
 67 SF

**FAI031**  
 4TH STREET OFFICE  
 BUILDING CONDOMINIUM  
 Temporary  
 Easement  
 101 S 4TH ST

This Sheet  
 For ROW Information Only

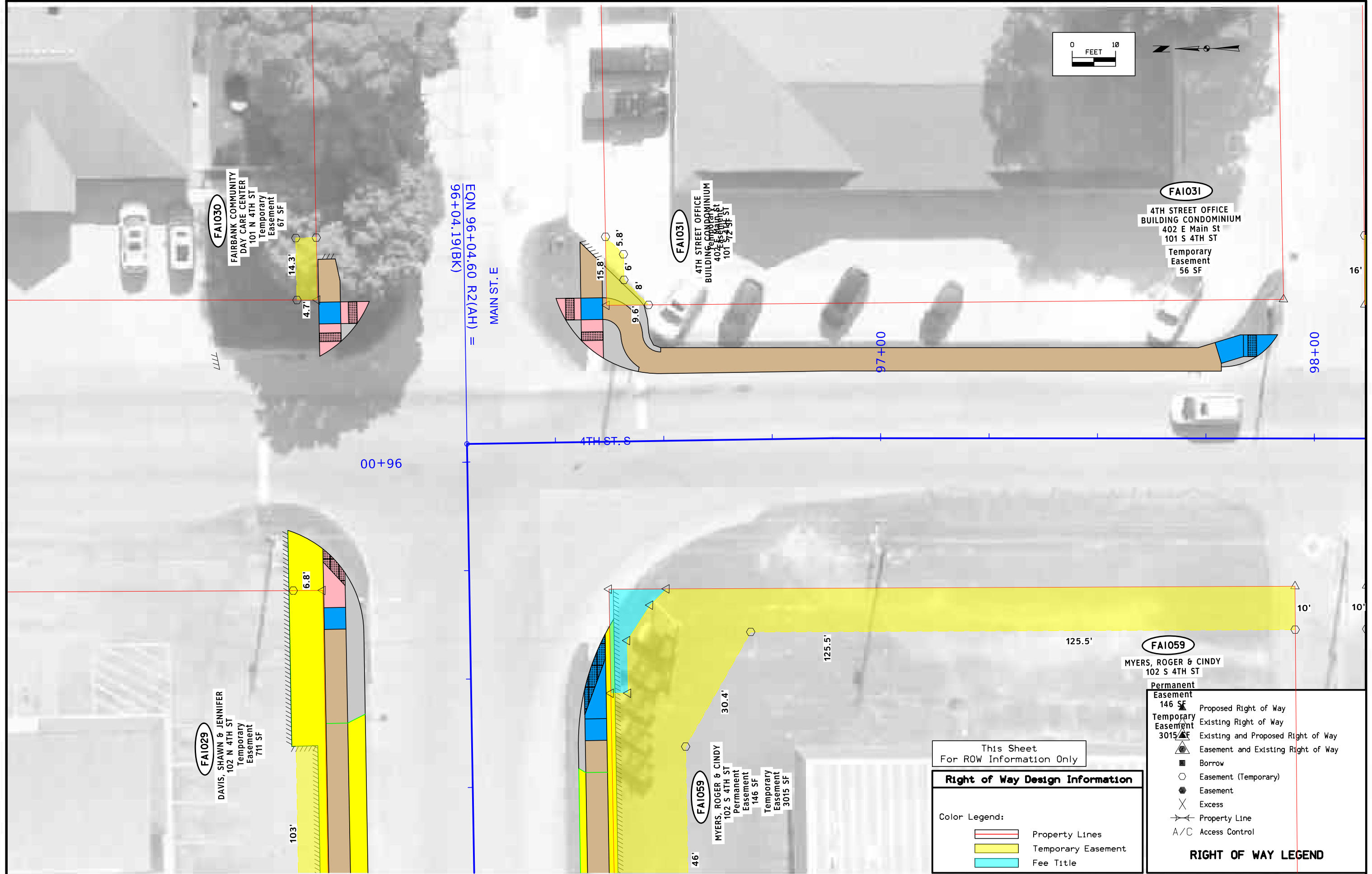
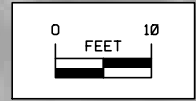
**Right of Way Design Information**

Color Legend:

	Property Lines
	Temporary Easement

**RIGHT OF WAY LEGEND**

	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
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	Easement
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	Property Line
	Access Control



**FAI030**  
 FAIRBANK COMMUNITY  
 DAY CARE CENTER  
 101 N 4TH ST  
 Temporary  
 Easement  
 67 SF

**FAI031**  
 4TH STREET OFFICE  
 BUILDING CONDOMINIUM  
 402 E Main St  
 101 S 4TH ST

**FAI031**  
 4TH STREET OFFICE  
 BUILDING CONDOMINIUM  
 402 E Main St  
 101 S 4TH ST  
 Temporary  
 Easement  
 56 SF

**FAI029**  
 DAVIS, SHAWN & JENNIFER  
 102 N 4TH ST  
 Temporary  
 Easement  
 711 SF

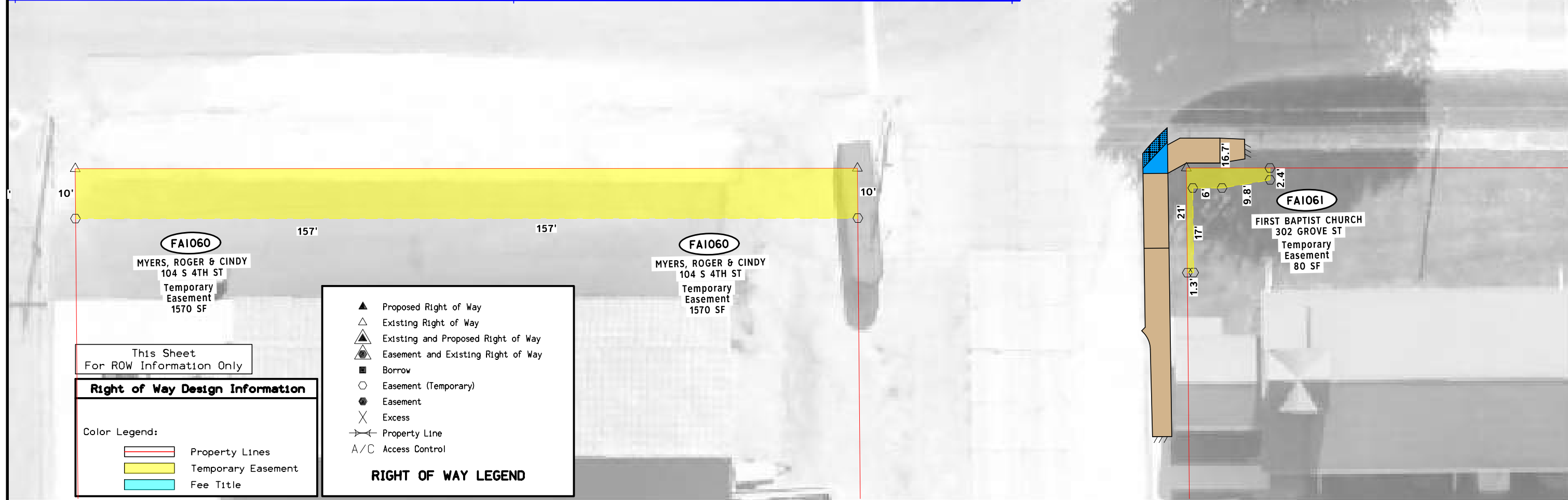
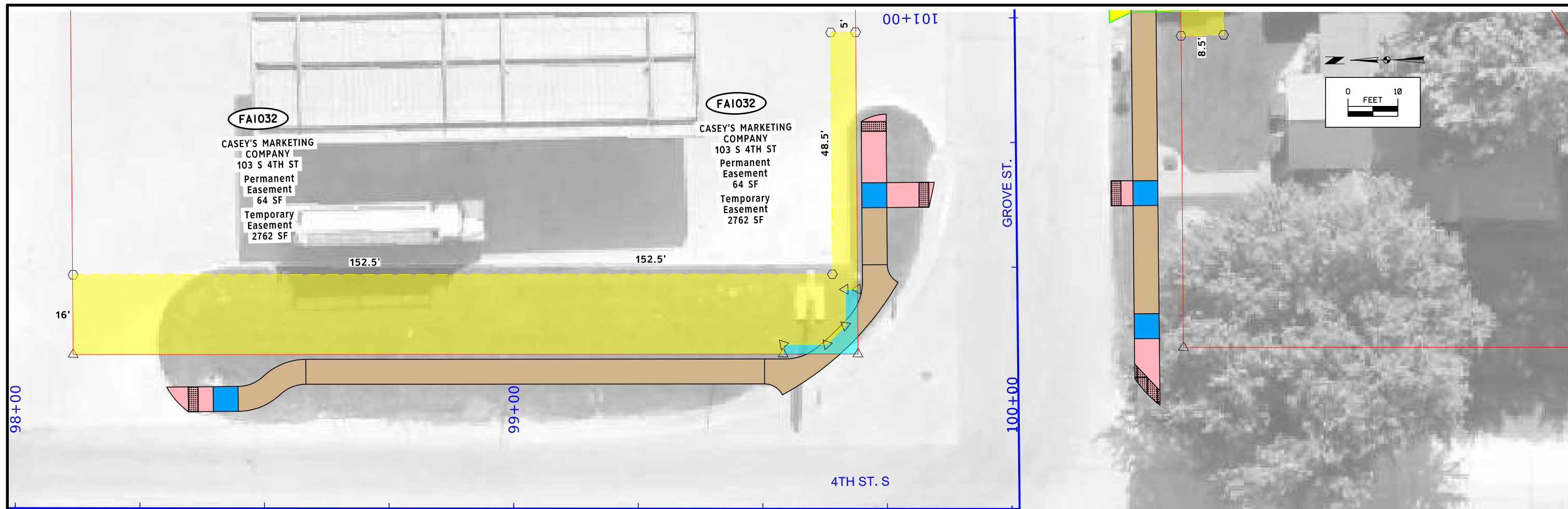
**FAI059**  
 MYERS, ROGER & CINDY  
 102 S 4TH ST  
 Permanent  
 Easement  
 146 SF  
 Temporary  
 Easement  
 3015 SF

**FAI059**  
 MYERS, ROGER & CINDY  
 102 S 4TH ST

This Sheet  
 For ROW Information Only

Right of Way Design Information	
Color Legend:	
	Property Lines
	Temporary Easement
	Fee Title

RIGHT OF WAY LEGEND	
	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
	Easement and Existing Right of Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	Access Control



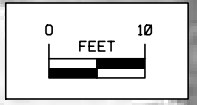
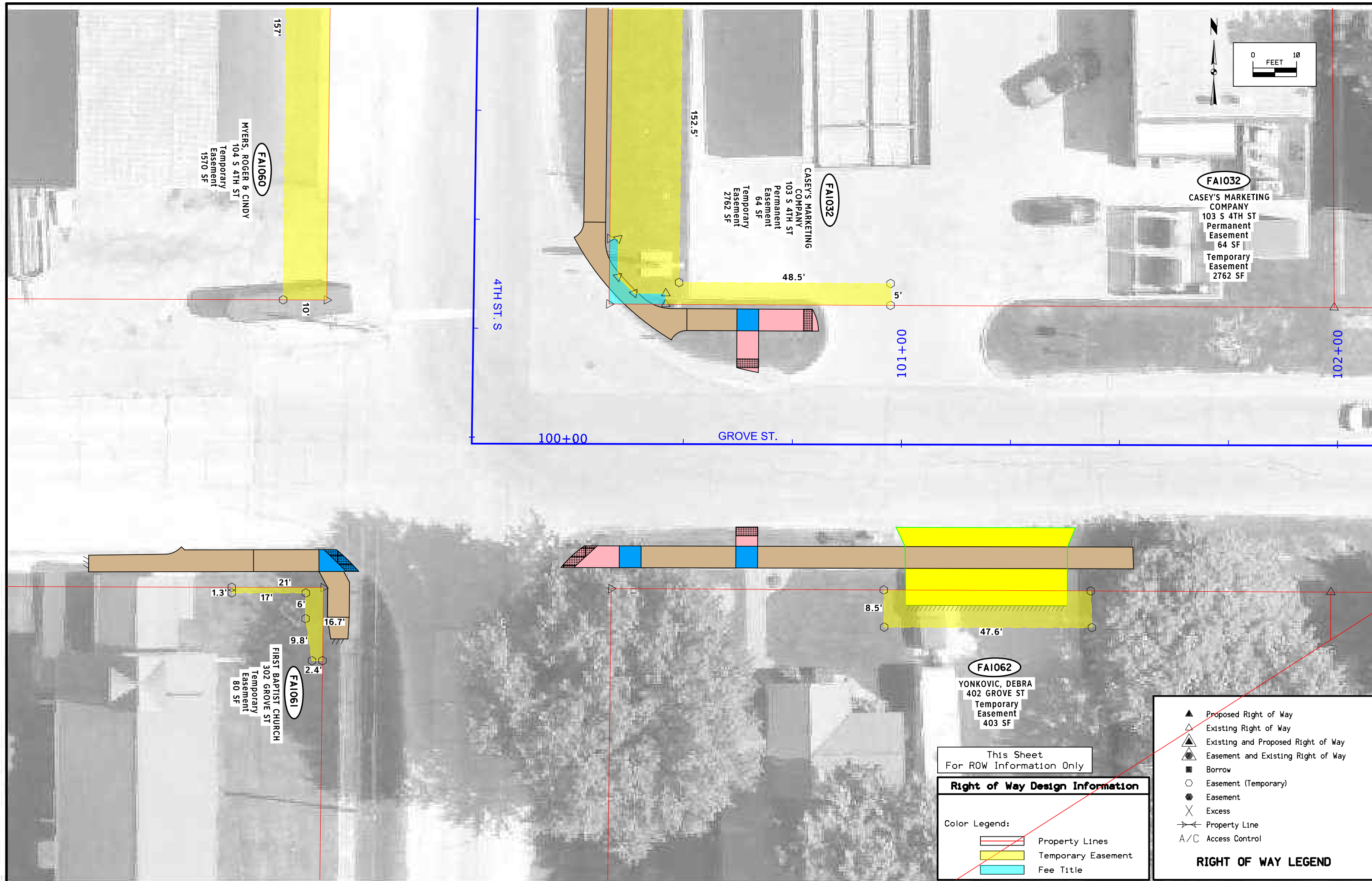
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Right of Way Design Information	
Color Legend:	
	Property Lines
	Temporary Easement
	Fee Title

	Proposed Right of Way
	Existing Right of Way
	Existing and Proposed Right of Way
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	Borrow
	Easement (Temporary)
	Easement
	Excess
	Property Line
	A/C Access Control

**RIGHT OF WAY LEGEND**





**FAI032**

CASEY'S MARKETING COMPANY  
103 S 4TH ST  
Permanent Easement 64 SF  
Temporary Easement 2762 SF

**FAI033**

CASEY'S MARKETING COMPANY  
103 S 4TH ST  
Permanent Easement 64 SF  
Temporary Easement 2762 SF

**FAI060**

MYERS, ROGER & CINDY  
104 S 4TH ST  
Temporary Easement 1570 SF

**FAI062**

YONKOVIC, DEBRA  
402 GROVE ST  
Temporary Easement 403 SF

**FAI061**

FIRST BAPTIST CHURCH  
302 GROVE ST  
Temporary Easement 80 SF

This Sheet  
For ROW Information Only

**Right of Way Design Information**

Color Legend:

	Property Lines
	Temporary Easement
	Fee Title

**RIGHT OF WAY LEGEND**

	Proposed Right of Way
	Existing Right of Way
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113-2  
04-16-13

**PEDESTRIAN PATH CLOSURES**

Refer to TC-601.

\*Assumes 6 foot wide barricade.  
Closures may need to be removed and re-established.

Location	Side	Type III Barricades*	Remarks
		No.	
Fairbank St-Walnut St	SE	1	
Fairbank St-Walnut St	NE	1	
Main St-Walnut St	NE	1	
Main St-Washington St	NW	2	
Main St-Washington St	NE	2	
Main St-Iowa St	SW	1	
Main St-Iowa St	SE	2	
Main St-Water St	NE	2	
Main St-Water St	NW	2	
Main St-Riverside Park Trail	SE	1	
Main St-1st St	NW	2	
Main St-1st St	SW	1	
Main St-1st St	NE	1	
Main St-1st St	SE	1	
Main St-2nd St	NW	2	
Main St-2nd St	SW	2	
Main St-2nd St	NE	2	
Main St-2nd St	SE	2	
Main St-3rd St	NW	2	
Main St-3rd St	SW	1	
Main St-3rd St	NE	2	
Main St-3rd St	SE	1	
Main St-4th St	SW	1	
Main St-4th St	NE	1	
Main St-4th St	SE	1	
Main St-4th St	NW	1	
Groove St-4th St	SW	2	
Groove St-4th St	SE	1	
	Total	41	

108-26A  
08-01-08

**STAGING NOTES**

- Contractor shall only be permitted to have 4 continuous blocks under construction at a time, these may include:
  - One block of sidewalk being excavated and removed; PCC will be replaced within 10 working days of being removed
  - One block of sidewalk being prepared for pouring, preparing of subgrade, and forming
  - One block of sidewalk being replaced
  - One block of sidewalk being finished, including seeding and soil preparation
- The Contractor shall maintain access to all businesses during construction at all times unless subsequent agreement has been reached between the Contractor and the business owner. The contractor must notify all businesses 3 business days prior to construction in front of business.
- Special requirements for the Contractor have been requested for the following parcels:  
None at this time

108-23A  
08-01-08

**TRAFFIC CONTROL PLAN**

- See roadway plans by others for details related to Iowa 281 reconstruction staging and closures.
- During sidewalk construction, maintain traffic on Iowa 281 and sideroads if street reconstruction work is completed and no road closures are in place. For construction of sidewalk and curb ramps, utilize TC-213 for lane closures with flaggers.
- The contractor is required to furnish and plan any and all traffic control required to close the sidewalks per Standard Specifications section 2518 and 2528 and Standard Road Plan TC-601. Payment for sidewalk closure barricades will be incidental to Traffic Control.
- Work may be prohibited during the following events and work area must be free of construction equipment and barricaded with construction fencing.
 

Special Events in Fairbank:

  - Island Days June 21st thru 25th
  - Set up for event begins on the evening of the 21st and pick up occurs on the morning of the 25th.
  - Events may be located off-site from Main Street to avoid construction.
- Contractor to maintain all current traffic control conditions with temporary signage, as required, until permanent signage has been reinstalled.

111-01  
04-17-12

**COORDINATED OPERATIONS**

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
STPN-281-2(10)--2J-10	PCC Pavement Repl & HMA Resurf
FM-TSF-C010(115)--5B-10	PCC Pavement Widening & Resurf

**POLLUTION PREVENTION PLAN**

This project is regulated by the requirements of the Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) General Permit No. 2 OR an Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) individual storm water permit. The Contractor shall carry out the terms and conditions of this permit and the Pollution Prevention Plan (PPP).

This Base PPP includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, Inspection Requirements, Non-Storm Water Controls, Potential Sources of Off Right-of-Way Pollution, and Definitions. This plan references other documents rather than repeating the information contained in the documents. A copy of this Base Pollution Prevention Plan, amended as needed during construction, will be readily available for review.

All contractors shall conduct their operations in a manner that controls pollutants, minimizes erosion, and prevents sediments from entering waters of the state and leaving the highway right-of-way. The Contractor shall be responsible for compliance and implementation of the PPP for their entire contract. This responsibility shall be further shared with subcontractors whose work is a source of potential pollution as defined in this PPP.

**I. ROLES AND RESPONSIBILITIES**

- A. Designer:
  - 1. Prepares Base PPP included in the project plan.
  - 2. Prepares Notice of Intent (NOI) submitted to Iowa DNR.
  - 3. Is signature authority on the Base PPP. If consultant designed, signature from Contracting Authority is also required.
- B. Contractor:
  - 1. Signs a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
  - 2. Designates a Water Pollution Control Manager (WPCM), who has the duties and responsibilities as defined in Section 2602 of the Standard Specifications.
  - 3. Submits an Erosion Control Implementation Plan (ECIP) and ECIP updates according to Section 2602 of the Standard Specifications.
  - 4. Installs and maintains appropriate controls. This work may be subcontracted as documented through Subcontractor Request Forms (Form 830231).
  - 5. Supervises and implements good housekeeping practices according to Paragraph III, C, 2.
  - 6. Conducts joint required inspections of the site with inspection staff. When Contractor is not mobilized on site, Contractor may delegate this responsibility to a trained or certified subcontractor. Contracting Authority also may waive joint inspection requirement during winter shutdown. In both circumstances, WPCM (or trained or certified delegate from the Contractor) is still responsible to review and sign inspection reports.
  - 7. Complies with training and certification requirements of Section 2602 of the Standard Specifications.
  - 8. Submits amended PPP site map according to Section 2602 of the Standard Specifications.
- C. Subcontractors:
  - 1. Sign a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP if: responsible for sediment or erosion controls; involved in land disturbing activities; or performing work that is a source of potential pollution as defined in this PPP. Subcontracted work items are identified in Subcontractor Request Forms (Form 830231). All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
  - 2. Implement good housekeeping practices according to Paragraph III, C, 2.
- D. RCE/Project Engineer:
  - 1. Is Project Storm Water Manager.
  - 2. On projects where DOT is the Contracting Authority, is current with erosion control training or certification.
  - 3. Takes actions necessary to ensure compliance with storm water requirements including, where appropriate, issuing stop work orders, and directing additional inspections at construction project sites that are experiencing problems with achieving permit compliance.
  - 4. Orders the taking of measures to cease, correct, prevent, or minimize the consequences of non-compliance with the storm water requirements of the Applicable Permit.
  - 5. Supervises all work necessary to meet storm water requirements at the Project, including work performed by contractors and subcontractors.
  - 6. Requires employees, contractors, and subcontractors to take appropriate responsive action to comply with storm water requirements, including requiring any such person to cease or correct a violation of storm water requirements, and to order or recommend such other actions as necessary to meet storm water requirements.
  - 7. Is familiar with the Project PPP and storm water site map.
  - 8. On projects where DOT is Contracting Authority, is responsible for periodically monitoring inspection reports to determine whether deficiencies identified in inspection reports were adequately and timely addressed, and if not, has the authority and responsibility to direct immediate actions to correct the deficiencies.
  - 9. Is the point of contact for the Project for regulatory officials, Inspector, contractors, and subcontractors regarding storm water requirements.
  - 10. Is signature authority on Notice of Discontinuation.
  - 11. Maintains an up-to-date record of contractors, subcontractors, and subcontracted work items through Subcontractor Request Forms (Form 830231).
  - 12. Makes information to determine permit compliance available to the DNR upon their request.
- E. Inspector:
  - 1. Updates PPP through fieldbook entries and storm water site inspection reports if there is a change in design, construction, operation, or maintenance which has a significant effect on the discharge of pollutants from the project.
  - 2. Makes information to determine permit compliance available to the DNR upon their request.
  - 3. Conducts joint required inspections of the site with the contractor/subcontractor.
  - 4. Completes an inspection report after each inspection.
  - 5. Is signature authority on storm water inspection reports.

**II. PROJECT SITE DESCRIPTION**

- A. This Pollution Prevention Plan (PPP) is for the construction of ADA compliant sidewalks, PCC street reconstruction, and HMA overlay in the City of Fairbank, Iowa
- B. This PPP covers approximately 6.4 acres with an estimated 4.2 acres being disturbed. The portion of the PPP covered by this contract has 4.2 acres disturbed.
- C. The PPP is located in an area of one soil association (Kenyon-Clyde-Floyd). The estimated weighted average runoff coefficient number for this PPP after completion will be 0.72.
- D. Storm Water Site Map is located in the R sheets. Proposed slopes are shown in cross sections, details, or standard road plans. Supplemental information is located in the Tabulations in the C or CE sheets.
- E. The base storm water site map is amended by contract modifications and progress payments (fieldbook entries) of completed erosion control work. Also, due to project phasing, erosion and sediment controls shown on project plans may not be installed until needed, based on site conditions. For example, silt fence ditch checks will typically not be installed until the ditch has been

**POLLUTION PREVENTION PLAN**

installed. Installed locations may also be modified from tabulation locations by field staff. Installed locations will be documented by fieldbook entries and amended PPP site map.  
F. Runoff from this work will flow into the Wapsipinicon River.

**III. CONTROLS**

- A. The Contractor's ECIP specified in Article 2602.03 of the Standard Specifications for accomplishment of storm water controls should clearly describe the intended sequence of major activities, and for each activity define the control measure and the timing during the construction process that the measure will be implemented.
  - B. Preserve vegetation in areas not needed for construction.
  - C. Sections 2601 and 2602 of the Standard Specifications define requirements to implement erosion and sediment control measures. Actual quantities used and installed locations may vary from the Base PPP and amendment of the plan will be documented via fieldbook entries, amended PPP site map, or by contract modification. Additional erosion and sediment control items may be required as determined by the inspector and/or contractor during storm water site inspections. If the work involved is not applicable to any contract items, the work will be paid for according to Article 1109.03 paragraph B of the Standard Specifications.
- 1. EROSION AND SEDIMENT CONTROLS**
- a. Stabilization Practices
    - 1) Site plans will ensure that existing vegetation or natural buffers are preserved where attainable and disturbed portions of the site will be stabilized.
    - 2) Initialize stabilization of disturbed areas immediately after clearing, grading, excavating, or other earth disturbing activities have:
      - a) Permanently ceased on any portion of the site, or
      - b) Temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days.
    - 3) Staged permanent and/or temporary stabilizing seeding and mulching shall be completed as the disturbed areas are completed. Incomplete areas shall be stabilized according to paragraph III, C, 1, a, 2, b above.
    - 4) Permanent and Temporary Stabilization practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation (105-4) in the C or R sheets.
    - 5) Preservation of existing vegetation within right-of-way or easements will act as vegetative buffer strips.
    - 6) Preservation of topsoil: Bid items to be used for this project are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets. Additional information may be found in the Tabulations in the C or T Tabulation sheets, or is referenced in Section 2105 of the Standard Specifications.
  - b. Structural Practices
    - 1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Additionally, structural practices may include: silt basins that provide 3600 cubic feet of storage per acre drained or equivalent sediment controls, outlet structures that withdraw water from surface when discharging basins, and controls to direct storm water to vegetated areas.
    - 2) Structural practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the devices to be used on this project can be found on the B or R sheets or are referenced in the Standard Road Plans Tabulation (105-4) located in the C or R sheets.
  - c. Storm Water Management
    - Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. This may include velocity dissipation devices at discharge locations and along length of outfall channel as necessary to provide a non-erosion velocity flow from structure to water course. If included with this project, these items are located in the storm water site map and Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation. The installation of these devices may be subject to Section 404 of the Clean Water Act.
- 2. OTHER CONTROLS**
- Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations. In the event of a conflict with other governmental laws, rules and regulations, the more restrictive laws, rules or regulations shall apply.
- a. Vehicle Entrances and Exits - Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.
  - b. Material Delivery, Storage and Use - Implement practices to prevent discharge of construction materials during delivery, storage, and use.
  - c. Stockpile Management - Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and paving.
  - d. Waste Disposal - Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.
  - e. Spill Prevention and Control - Implement chemical spill and leak prevention and response procedures to contain and clean up spills and prevent material discharges to the storm drain system and waters of the state.
  - f. Concrete Residuals and Washout Wastes - Waste shall not be discharged to a surface water and is not allowed to adversely affect a water of the state. Designate temporary concrete washout facilities for rinsing out concrete trucks. Provide directions to truck drivers where designated washout facilities are located. Designated washout areas should be located at least 50 feet away from storm drains, streams or other water bodies. Care should be taken to ensure these facilities do not overflow during storm events.
  - g. Concrete Grooving/Grinding Slurry - Do not discharge slurry to a waterbody or storm drain. Slurry may be applied on foreslopes or removed from the project.
  - h. Vehicle and Equipment Storage and Maintenance Areas - Perform on site fueling and maintenance in accordance with all environmental laws such as proper storage of onsite fuels and proper disposal of used engine oil or other fluids on site. Employ washing practices that prevent contamination of surface and ground water from wash water. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.
  - i. Litter Management - Ensure employees properly dispose of litter. Minimize exposure of trash if exposure to precipitation or storm water would result in a discharge of pollutants.
  - j. Dewatering - Properly treat water to remove suspended sediment before it re-enters a waterbody or discharges off-site. Measures are also to be taken to prevent scour erosion at dewatering discharge point.
- 3. APPROVED STATE OR LOCAL PLANS**
- During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When such situations are encountered, they will be handled according to all federal, state, and local regulations in effect at the time.





### LINE STYLE LEGEND OF LANDSCAPE SHEETS

LINETYPE	Design Element
-----	Living Snow Fence Single Row
-----	Living Snow Fence Double Row
-----	Mechanical Edge

### CELL LEGEND OF LANDSCAPE SHEETS

CELL	Design Element	Plant Diameter
	Clearing	
	Proposed Shrub	
	Proposed Understory Tree	
	Proposed Conifer Tree	
	Proposed Overstory Tree	

### PATTERN LEGEND OF LANDSCAPE SHEETS

	Brush Clearing		Spary Area
	Clearing & Grubbing		

### LINE STYLE LEGEND OF EROSION CONTROL SHEETS

LINETYPE	Design Element
	Silt Fence
	Perimeter and Slope Sediment Control Device (9")
	Perimeter and Slope Sediment Control Device (12")
	Perimeter and Slope Sediment Control Device (20")
	Open-Throat Curb Intake Sediment Filter
	Concentrated Flow
	Rock Check and Rock Check Dam
	Sheet Flow

### CELL LEGEND OF EROSION CONTROL SHEETS

CELL	Design Element
	Temporary Sediment Control basin
	Erosion Control for Circular Intake or Manhole Well
	Erosion Control for Rectangular Intake or Manhole Well
	Grate Intake Sediment Filter Bag
	Silt Basin
	Silt Fence Tail
	Stormwater Drainage Basin Discharge Point

### PLAN VIEW COLOR LEGEND OF EROSION CONTROL SHEETS

LINWORK	Design Color No.	Design Element
Green	(2)	Existing Topographic Features and Labels
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)	Existing Utilities
Black	(0)	Permanent Erosion Control Features
Blaze Orange	(222)	Temporary Erosion Control Features

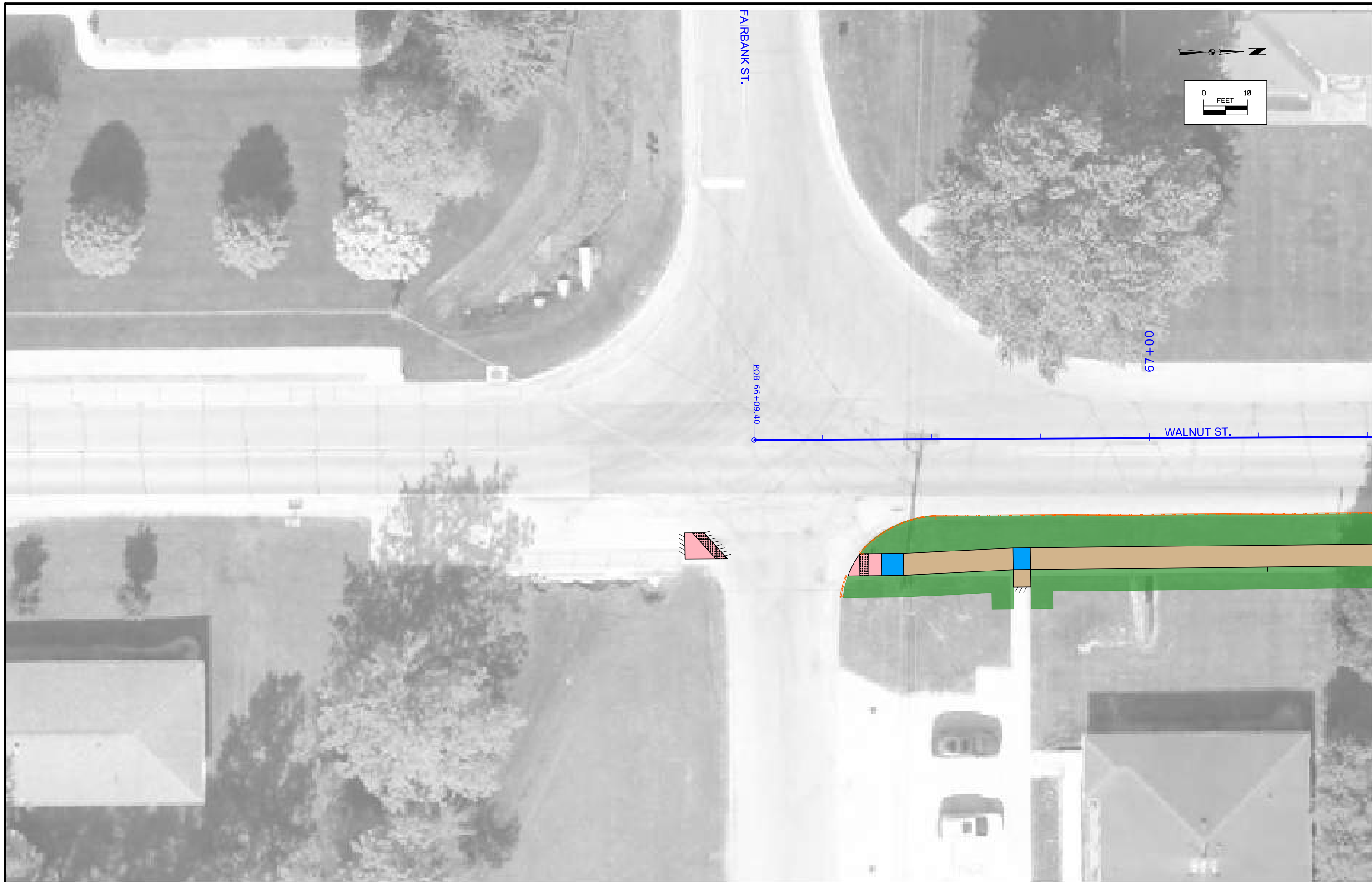
SHADING	Design Color No.	Design Element	Transparency
Citron	(234)	Mulching, All Types	50%
Light Brown	(238)	Special Ditch Control, Wood Excelsior Mat	0%
Grass Green	(233)	8FT Mow Strip	50%

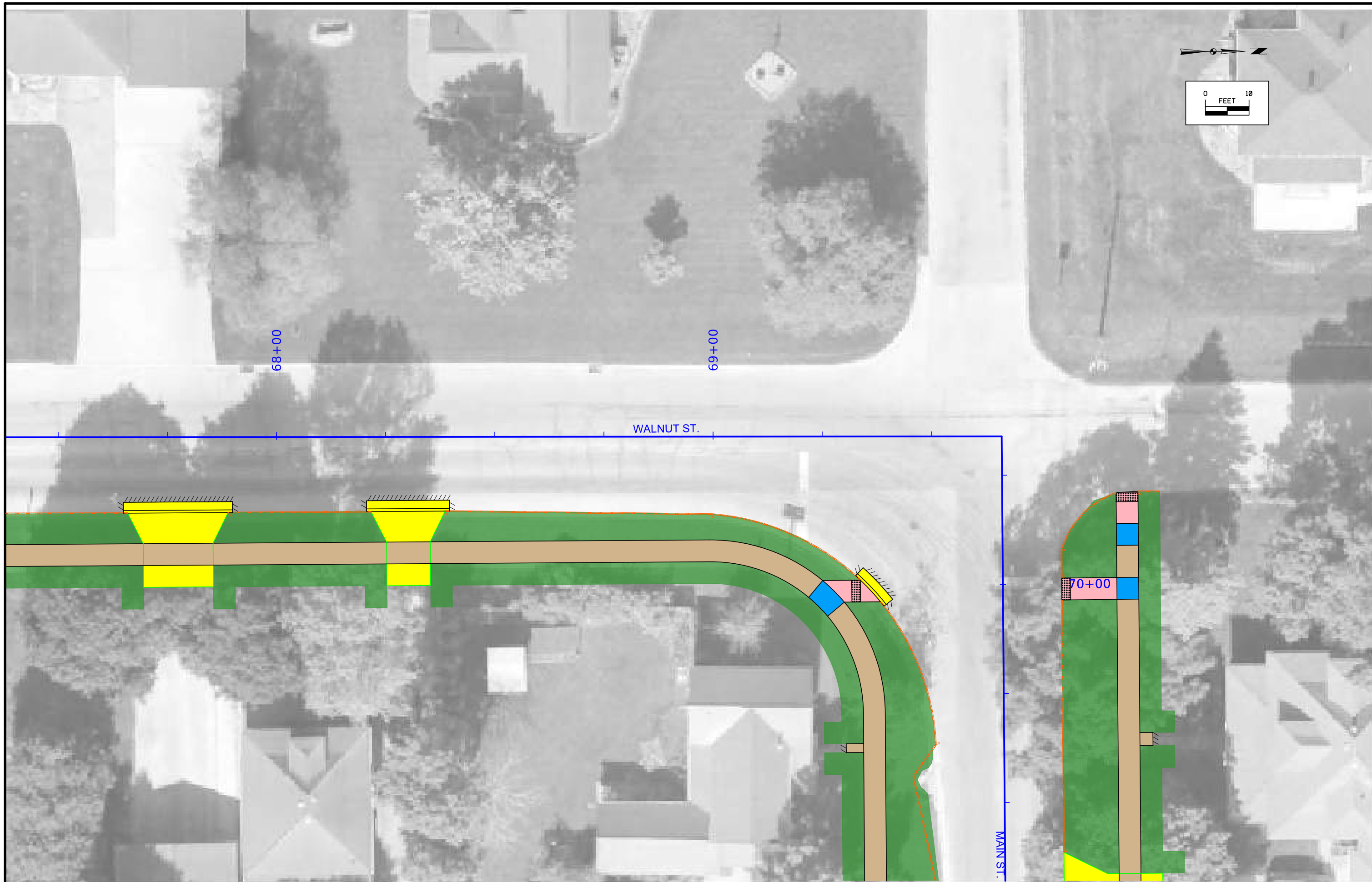
### PATTERN LEGEND OF EROSION CONTROL SHEETS

	Seeding and Fertilizing		Turf Reinforcement Mat Type 1
	Seeding and Fertilizing (Rural)		Turf Reinforcement Mat Type 2
	Seeding and Fertilizing (Urban)		Turf Reinforcement Mat Type 3
	Native Grass Seeding		Turf Reinforcement Mat Type 4
	Salt Tolerant Seeding		Slope Protection, Wood Excelsior Mat
	Wetland Grass Seeding		Transition Mat
	Wildflower Seeding		Rock Features, Permanent
	Sodding		Rock Features, Temporary

## EROSION CONTROL LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES R)

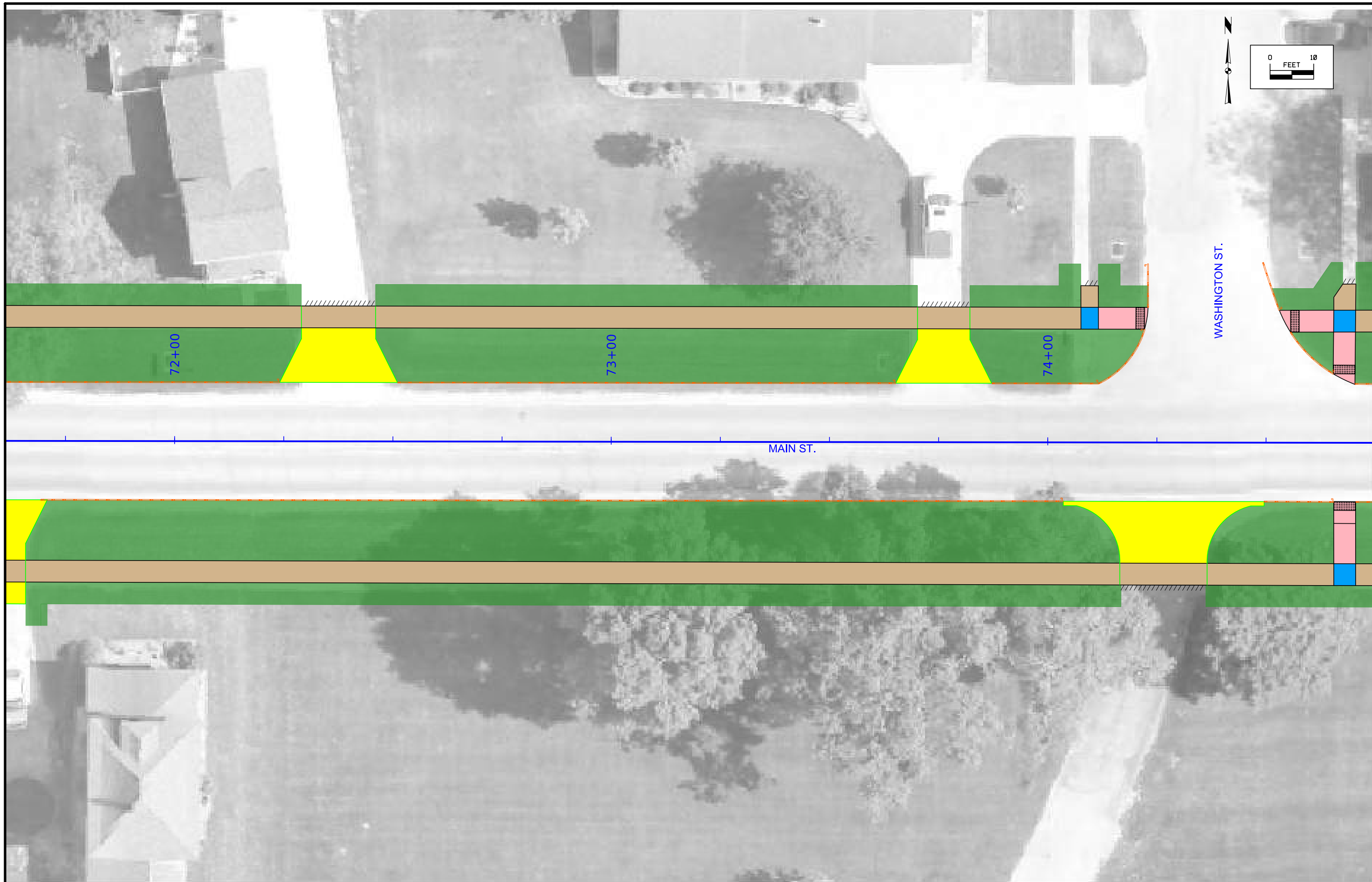




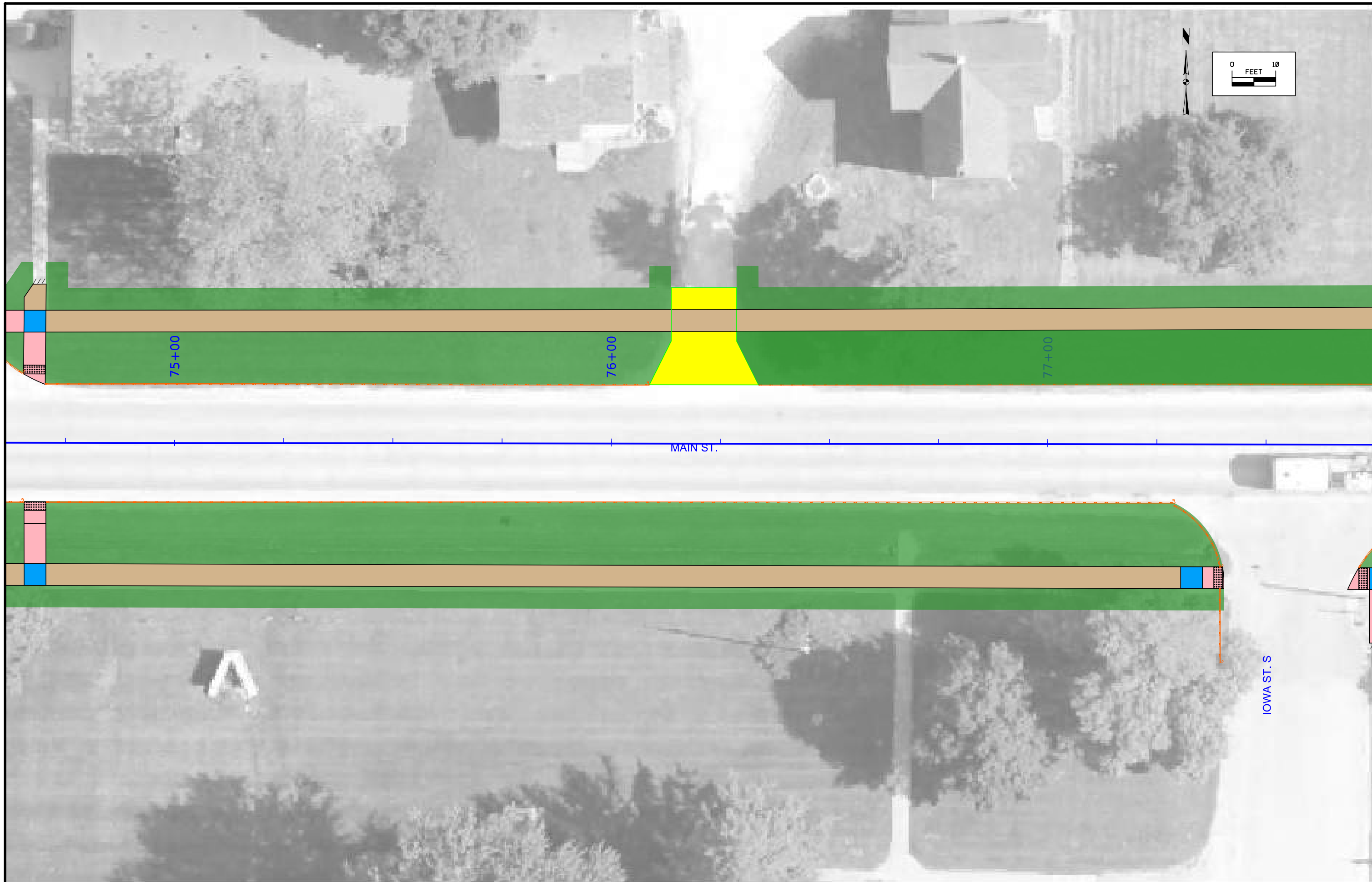
FILE NO. -	ENGLISH	DESIGN TEAM AECOM	BUCHANAN COUNTY	PROJECT NUMBER STPN-281-2(8)--2J-10	SHEET NUMBER RR.3
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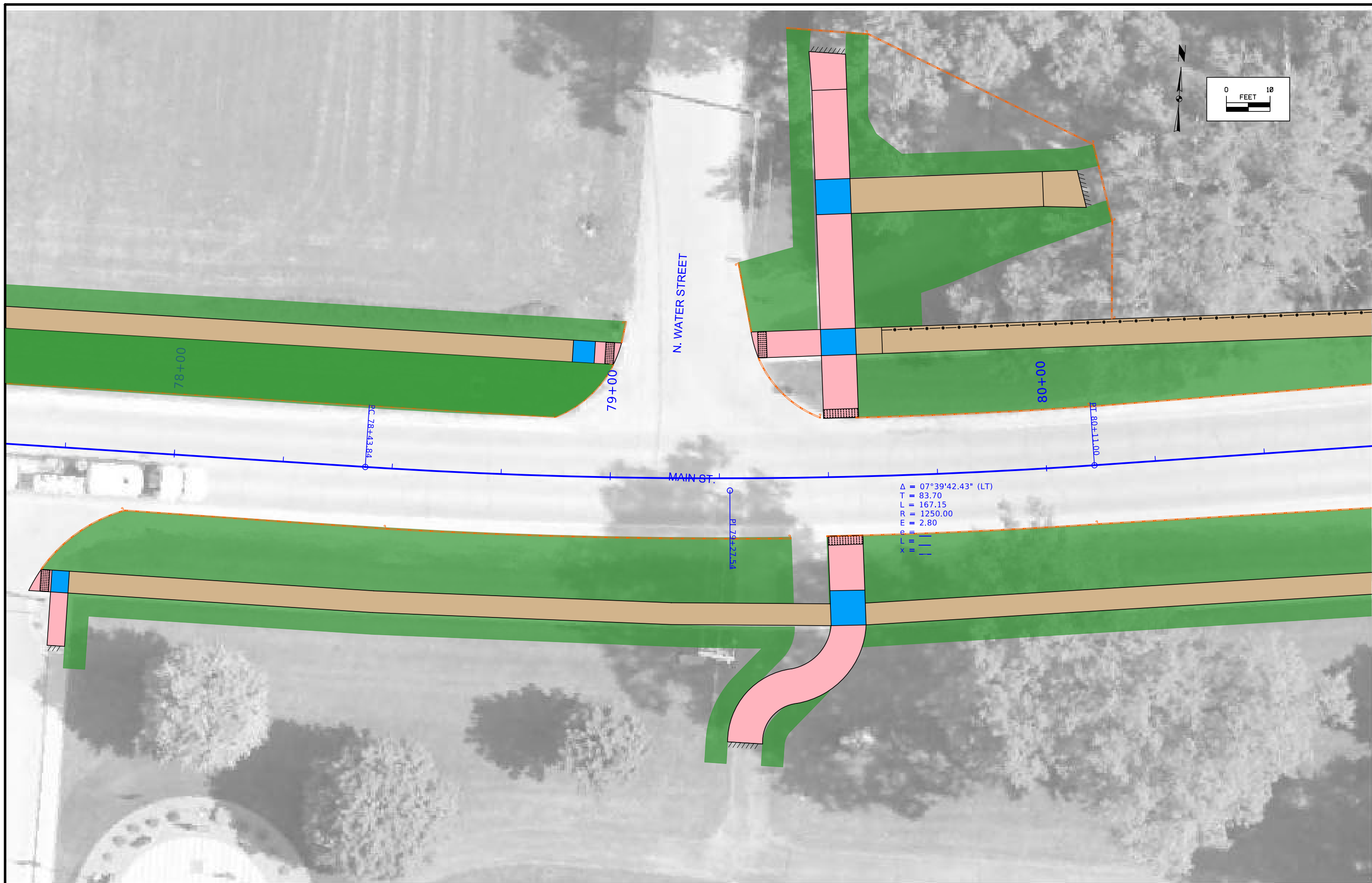


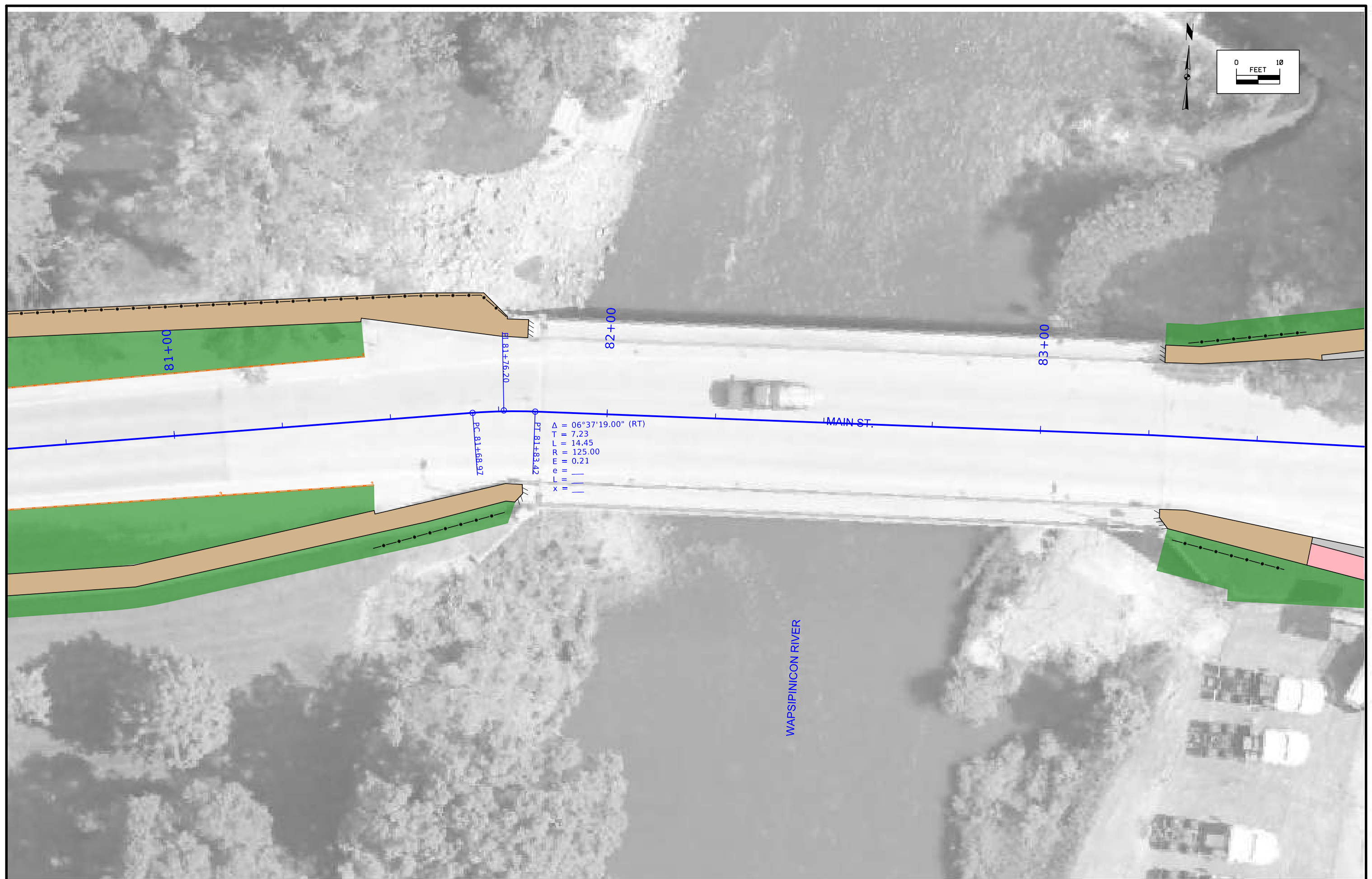
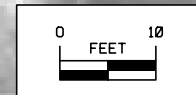




FILE NO. -	ENGLISH	DESIGN TEAM AECOM	BUCHANAN COUNTY	PROJECT NUMBER STPN-281-2(8)--2J-10	SHEET NUMBER RR.5
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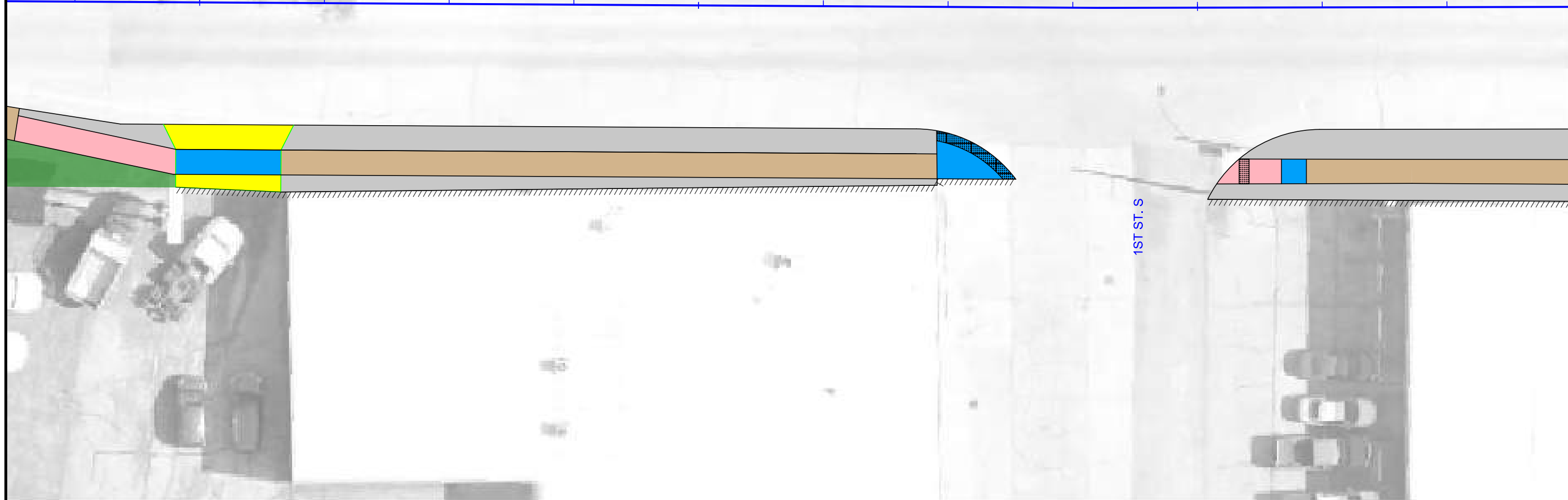
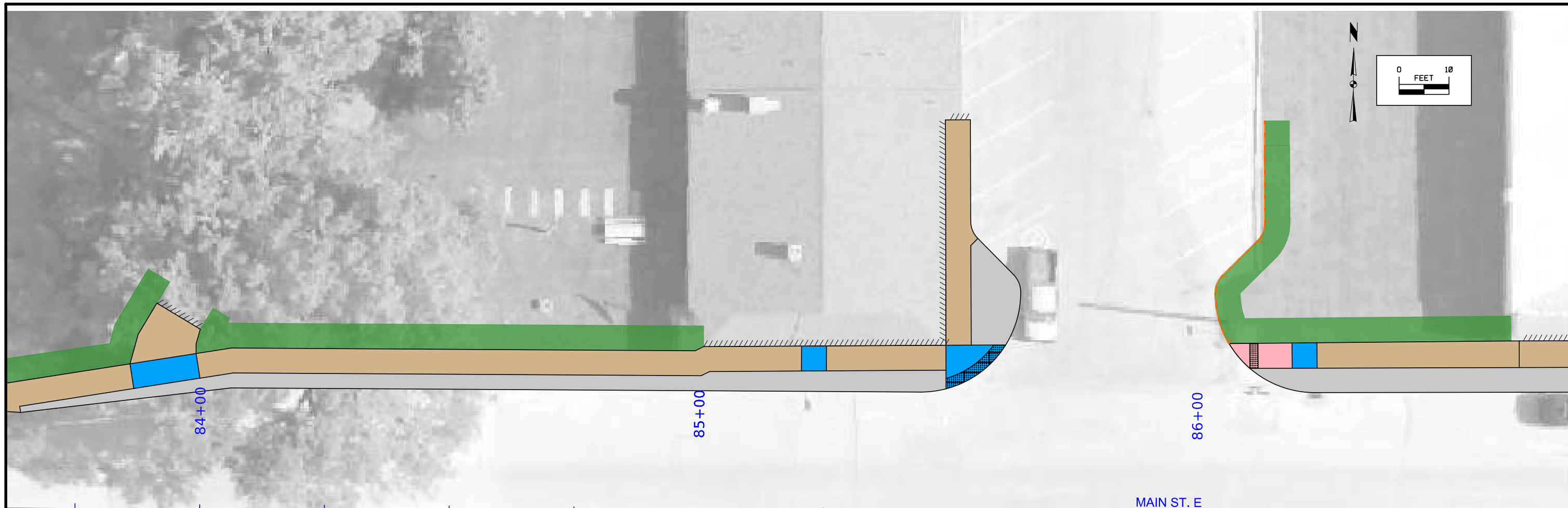




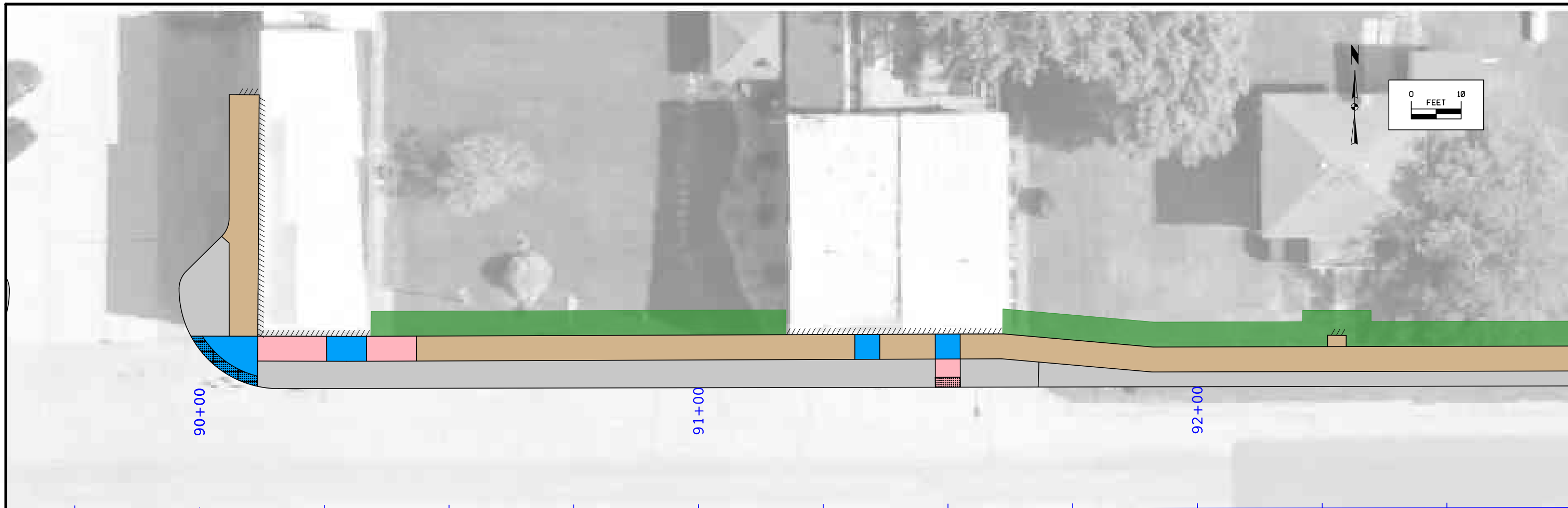


$\Delta = 06^{\circ}37'19.00''$  (RT)  
 $T = 7.23$   
 $L = 14.45$   
 $R = 125.00$   
 $E = 0.21$   
 $e =$   
 $f =$   
 $x =$

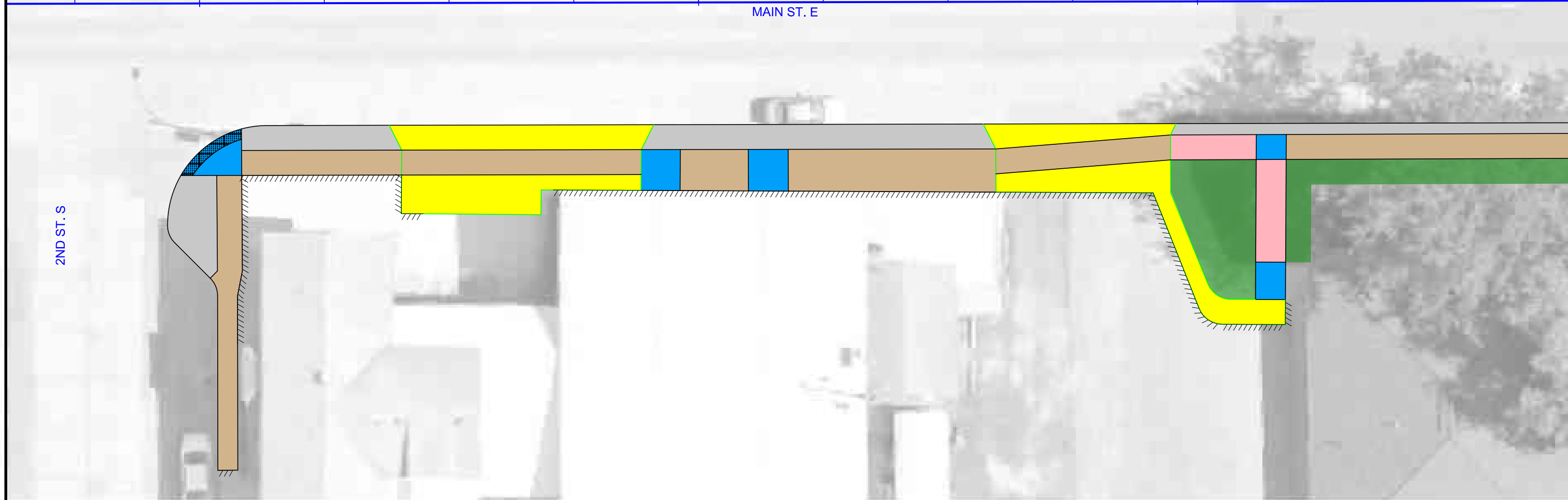








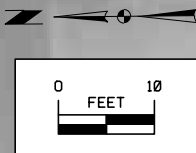
MAIN ST. E



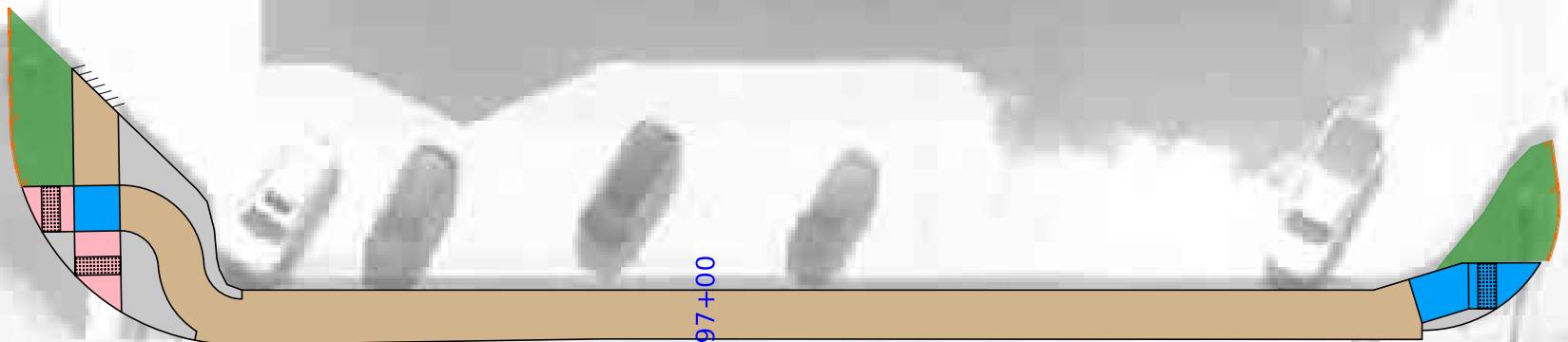
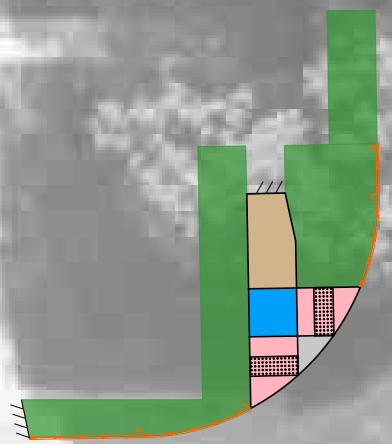








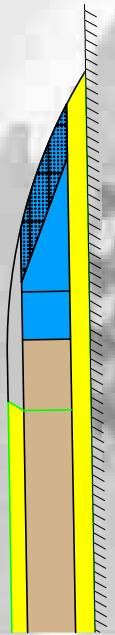
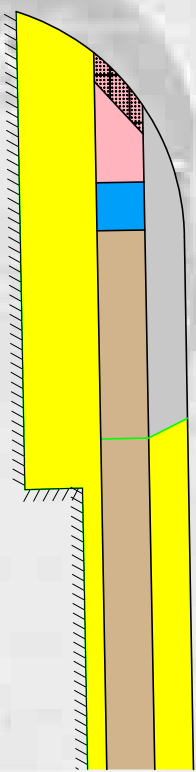
EON 96+04.60 R2(AH) =  
96+04.19(BK)  
MAIN ST. E



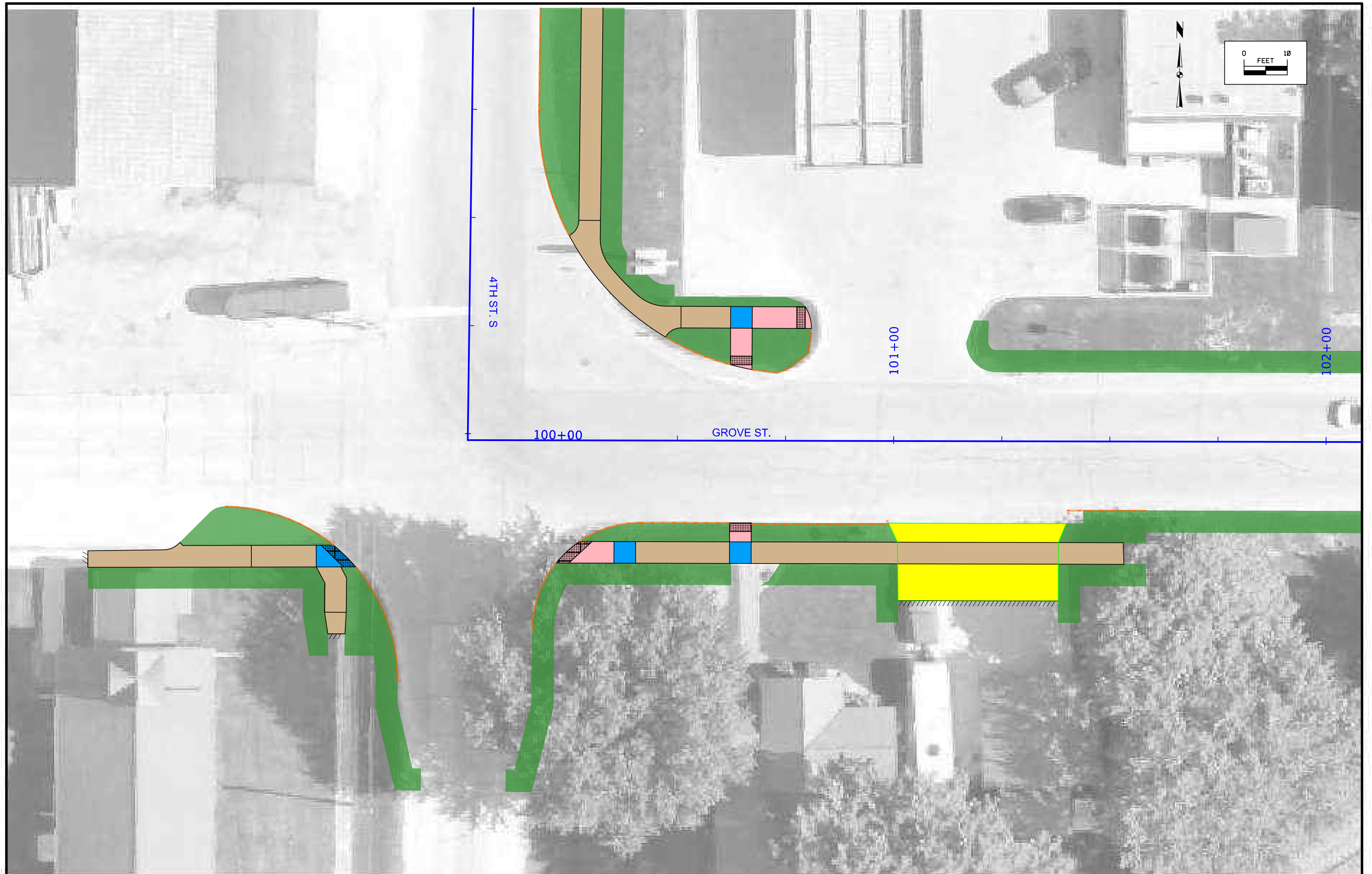
98+00

00+96

4TH ST. S











### SURVEY SYMBOLS

- |  |                                   |  |                              |
|--|-----------------------------------|--|------------------------------|
|  | Interstate Highway Symbol         |  | Septic Tank                  |
|  | U.S. Highway Symbol               |  | Cistern                      |
|  | Iowa Highway Symbol               |  | L.P. Gas Tank (No Footing)   |
|  | County Road Highway Symbol        |  | Underground Storage Tank     |
|  | Evergreen Tree                    |  | Latrine                      |
|  | Deciduous Tree                    |  | Satellite TV Dish            |
|  | Fruit Tree                        |  | Water Hook Up                |
|  | Shrub (Bushes)                    |  | Radio Tower                  |
|  | Timber                            |  | Tower Anchor                 |
|  | Hedge                             |  | Guardrail (Beam or Cable)    |
|  | Stump                             |  | Guard Post (one or two)      |
|  | Swamp                             |  | Guard Post (over two)        |
|  | Rock Outcrop                      |  | Filler Pipe                  |
|  | Broken Concrete                   |  | Gas Valve                    |
|  | Revetment (Rip Rap)               |  | Water Valve                  |
|  | Cemetery                          |  | Speed Limit Sign             |
|  | Grave                             |  | Mile Marker Post             |
|  | Cave                              |  | Sign                         |
|  | Sink Hole                         |  | Traffic Signal Control Box   |
|  | Board Fence                       |  | Rail Road Signal Control Box |
|  | Chain Link or Security Fence      |  | Telephone Switch Box         |
|  | Wire Fence                        |  | Electric Box                 |
|  | Terrace                           |  |                              |
|  | Earth Dam or Dike (Existing)      |  |                              |
|  | Tile Outlet                       |  |                              |
|  | Edge of Water                     |  |                              |
|  | Existing Drainage                 |  |                              |
|  | Right of Way Rail or Lot Corner   |  |                              |
|  | Concrete Monument                 |  |                              |
|  | Well                              |  |                              |
|  | Windmill                          |  |                              |
|  | Beehive Intake                    |  |                              |
|  | Existing Intake                   |  |                              |
|  | Existing Utility Access (Manhole) |  |                              |
|  | Fire Hydrant                      |  |                              |
|  | Water Hydrant (Rural)             |  |                              |

### UTILITY LEGEND

### PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities
SHADING		Design Color No.	
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Magenta	(5)		Detectable Warning
Yellow	(4)		Highlight for Critical Notes or Features
Red	(3)		Delineates Restricted Areas
Lavender	(9)		Temporary Pavement Shading
Gray, Light	(48)		Proposed Pavement Shading
Gray, Med	(80)		Proposed Granular Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading
Brown, Light	(236)		Grading Shading

Reference Point

Station

Survey Line

Section Corner

Ground Line Intercept

Saw Cut

Guardrail

Clearing & Grubbing Area

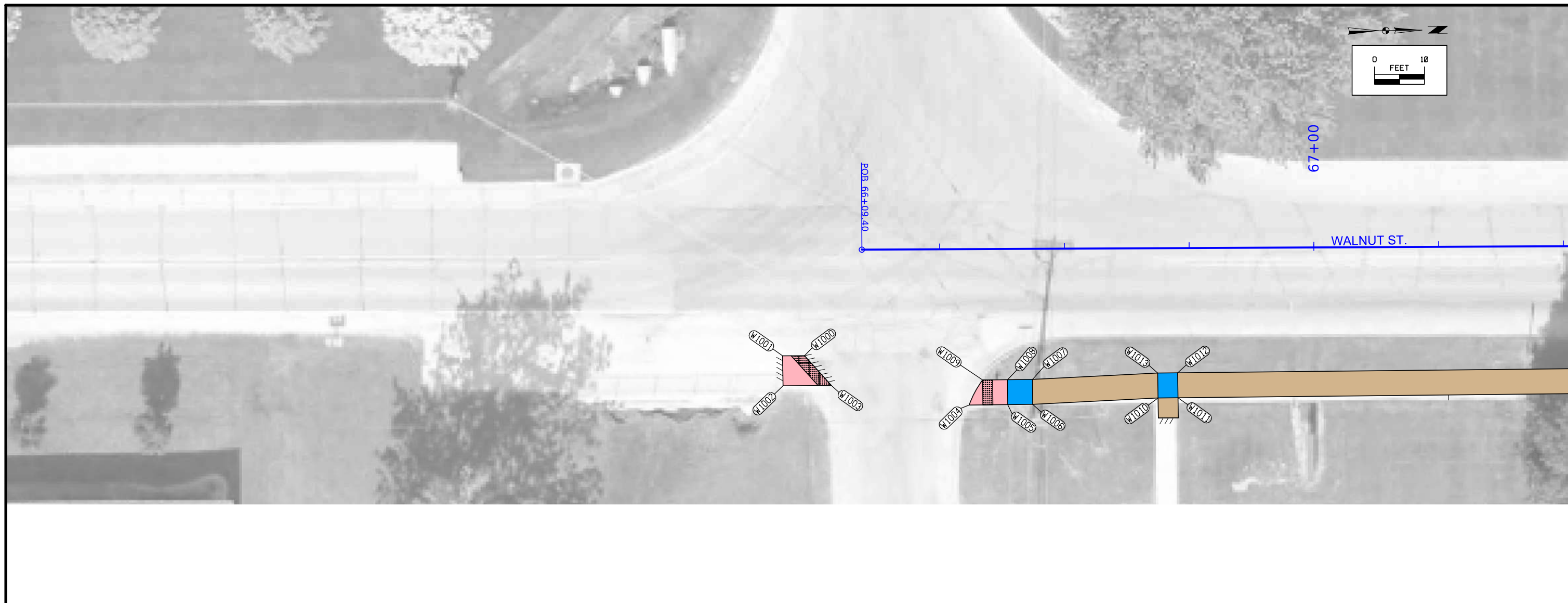
Pavement Removal

### RIGHT-OF-WAY LEGEND

- Proposed Right-of-Way
- Existing and Proposed Right-of-Way
- Easement and Existing Right-of-Way
- Borrow
- Easement (Temporary)
- Easement
- Excess
- Access Control

## SIDEWALK LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES S)



113-10A  
04-21-20

### SIDEWALK COMPLIANCE

See 5 Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1000 W1001	Ramp Running Slope	6	4.40	0.04	0.9%	0.5% to 8.3%					W1000	8895762.34	15551911.52	976.75
W1001 W1002	Match Existing Cross Slope	6	6.00	-0.17	-2.8%	Match Existing					W1001	8895757.96	15551911.48	976.79
W1002 W1003	Ramp Running Slope	6	9.70	0.06	0.6%	0.5% to 8.3%					W1002	8895757.96	15551917.48	976.62
W1003 W1000	Crosswalk Cross Slope - Yield Condition	6	7.90	0.07	0.9%	0.0% to 2.0%					W1003	8895767.66	15551917.57	976.68
W1004 W1005	Ramp Running Slope	6	7.75	0.27	3.5%	0.5% to 8.3%					W1004	8895795.19	15551921.88	976.55
W1005 W1008	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1005	8895802.94	15551921.91	976.82
W1008 W1009	Ramp Running Slope	6	5.00	-0.18	-3.6%	0.5% to 8.3%					W1006	8895807.94	15551921.93	976.89
W1009 W1004	Crosswalk Cross Slope - Yield Condition	6	4.70	-0.02	-0.4%	0.0% to 2.0%					W1007	8895807.96	15551916.93	976.82
W1005 W1006	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1008	8895802.96	15551916.91	976.75
W1006 W1007	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1009	8895797.96	15551916.89	976.57
W1007 W1008	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1010	8895833.07	15551921.02	977.00
W1006 W1010	Sidewalk Running Slope	4	25.00	0.11	0.4%	0.5% to 5.0%					W1011	8895837.07	15551921.04	977.00
W1010 W1013	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1012	8895837.07	15551916.04	976.93
W1013 W1007	Sidewalk Running Slope	4	25.00	-0.11	-0.4%	0.5% to 5.0%					W1013	8895833.07	15551916.02	976.93
W1010 W1011	Landing/Turning Space	4	5.00	0.00	0.0%	0.1% to 2.0%					W1014	8895933.93	15551921.39	977.01
W1011 W1012	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1015	8895949.93	15551921.45	977.12
W1012 W1013	Landing/Turning Space	4	5.00	0.00	0.0%	0.1% to 2.0%					W1016	8895949.93	15551916.45	977.05
W1011 W1014	Sidewalk Running Slope	4	97.00	0.01	0.0%	0.5% to 5.0%					W1017	8895933.93	15551916.39	976.94
W1014 W1017	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%					W1018	8895989.67	15551921.60	977.03
W1017 W1012	Sidewalk Running Slope	4	97.00	-0.01	0.0%	0.5% to 5.0%					W1019	8895999.67	15551921.64	976.83





### SIDEWALK COMPLIANCE

See S Sheets

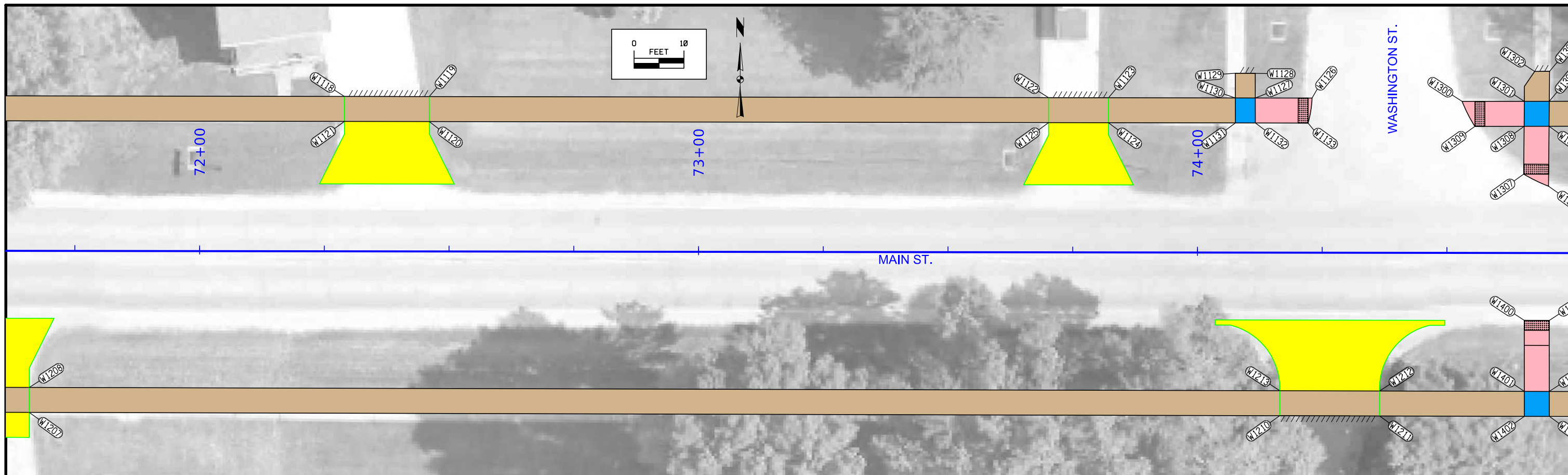
- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W1094	W1095	Ramp Running Slope	6
W1095	W1098	Landing/Turning Space	4	5.00	-0.04	-0.8%	0.1% to 2.0%				W1095	8896156.89	15551912.08	976.23
W1098	W1099	Ramp Running Slope	6	5.33	0.04	0.8%	0.5% to 8.3%				W1096	8896156.88	15551917.08	976.18
W1099	W1094	Crosswalk Cross Slope - Yield Condition	6	5.00	0.07	1.4%	0.0% to 2.0%				W1097	8896161.88	15551917.09	976.16
W1095	W1096	Landing/Turning Space	4	5.00	-0.05	-1.0%	0.1% to 2.0%				W1098	8896161.89	15551912.09	976.19
W1096	W1097	Landing/Turning Space	4	5.00	-0.02	-0.4%	0.1% to 2.0%				W1099	8896161.90	15551906.75	976.23
W1097	W1098	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%				W1100	8896144.25	15551926.45	976.00
W1096	W1101	Sidewalk Running Slope	4	9.40	-0.08	-0.9%	0.5% to 5.0%				W1101	8896156.86	15551926.45	976.10
W1097	W1102	Sidewalk Running Slope	4	9.40	-0.03	-0.3%	0.5% to 5.0%				W1102	8896161.86	15551926.45	976.13
W1100	W1101	Ramp Running Slope	6	12.60	0.10	0.8%	0.5% to 8.3%				W1103	8896161.84	15551931.45	976.06
W1101	W1104	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W1104	8896156.84	15551931.45	976.03
W1104	W1105	Ramp Running Slope	6	12.60	-0.10	-0.8%	0.5% to 8.3%				W1105	8896144.25	15551931.45	975.93
W1105	W1100	Crosswalk Cross Slope - Yield Condition	6	5.00	0.07	1.4%	0.0% to 2.0%				W1106	8896161.76	15551963.54	975.69
W1101	W1102	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%				W1107	8896156.76	15551963.53	975.62
W1102	W1103	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W1108	8896161.68	15551994.30	975.57
W1103	W1104	Landing/Turning Space	4	5.00	-0.03	-0.6%	0.1% to 2.0%				W1109	8896161.63	15552014.30	975.50









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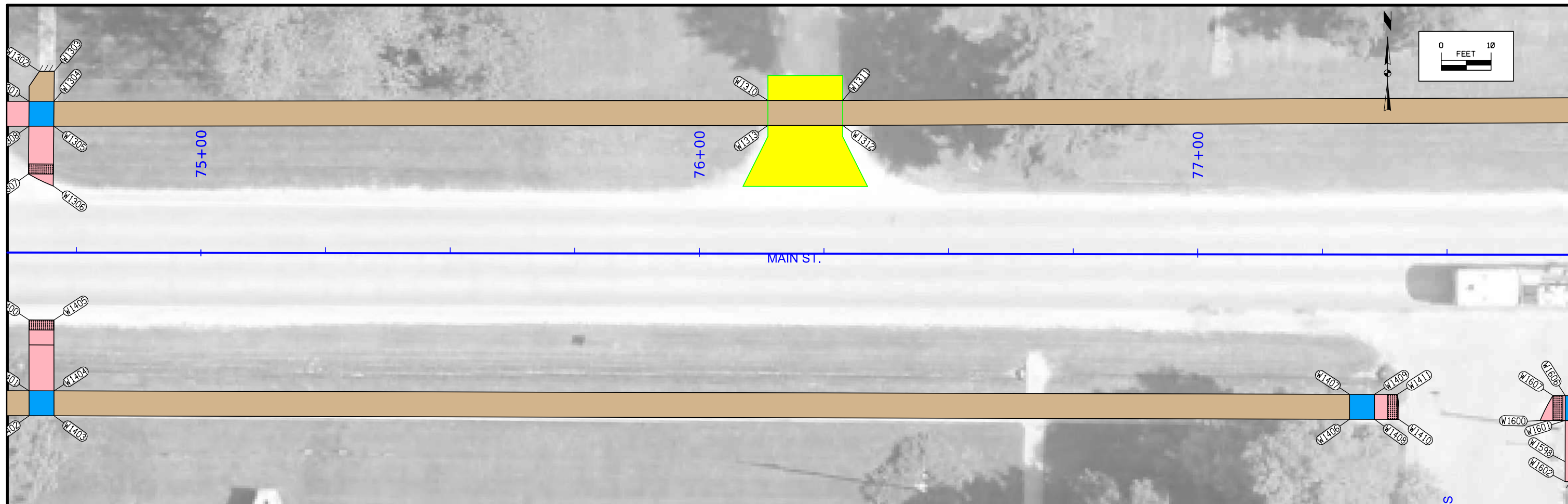
### SIDEWALK COMPLIANCE

See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1116 W1118	Sidewalk Running Slope	4	98.30	-1.80	-1.8%	0.5% to 5.0%					W1128	8896165.77	15552339.36	972.68
W1118 W1121	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%					W1129	8896165.78	15552335.36	972.70
W1121 W1117	Sidewalk Running Slope	4	98.30	1.80	1.8%	0.5% to 5.0%					W1130	8896160.78	15552335.36	972.46
W1118 W1119	Sidewalk Running Slope	6	17.00	-0.32	-1.9%	0.5% to 5.0%					W1131	8896155.78	15552335.36	972.39
W1119 W1120	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%					W1132	8896155.77	15552339.36	972.36
W1120 W1121	Sidewalk Running Slope	6	17.00	0.32	1.9%	0.5% to 5.0%					W1133	8896155.80	15552349.94	972.14
W1119 W1122	Sidewalk Running Slope	4	124.00	-0.08	-0.1%	0.5% to 5.0%								
W1122 W1125	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%								
W1125 W1120	Sidewalk Running Slope	4	124.00	0.08	0.1%	0.5% to 5.0%								
W1122 W1123	Sidewalk Running Slope	6	12.00	-0.14	-1.2%	0.5% to 5.0%								
W1123 W1124	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%								
W1124 W1125	Sidewalk Running Slope	6	12.00	0.14	1.2%	0.5% to 5.0%								
W1123 W1130	Sidewalk Running Slope	4	25.40	-0.07	-0.3%	0.5% to 5.0%								
W1130 W1131	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								
W1131 W1124	Sidewalk Running Slope	4	25.40	0.07	0.3%	0.5% to 5.0%								
W1130 W1127	Landing/Turning Space	4	4.00	-0.03	-0.8%	0.1% to 2.0%								
W1127 W1132	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								
W1132 W1131	Landing/Turning Space	4	4.00	0.03	0.7%	0.1% to 2.0%								
W1127 W1128	Sidewalk Running Slope	4	5.00	0.25	5.0%	0.5% to 5.0%	Yes							
W1128 W1129	Match Existing Cross Slope	4	4.00	0.02	0.5%	Match Existing								
W1129 W1130	Sidewalk Running Slope	4	5.00	-0.24	-4.8%	0.5% to 5.0%	Yes							
W1127 W1126	Ramp Running Slope	6	11.40	-0.35	-3.1%	0.5% to 8.3%								
W1126 W1133	Crosswalk Cross Slope - Yield Condition	6	5.20	0.06	1.2%	0.0% to 2.0%								
W1133 W1132	Ramp Running Slope	6	10.60	0.22	2.1%	0.5% to 8.3%								
W1208 W1209	Sidewalk Running Slope	6	15.00	-0.27	-1.8%	0.5% to 5.0%								
W1207 W1210	Sidewalk Running Slope	4	250.60	-1.86	-0.7%	0.5% to 5.0%								
W1210 W1213	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%								
W1213 W1208	Sidewalk Running Slope	4	250.60	2.00	0.8%	0.5% to 5.0%								
W1210 W1211	Sidewalk Running Slope	6	20.00	-0.26	-1.3%	0.5% to 5.0%								
W1211 W1212	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%								
W1212 W1213	Sidewalk Running Slope	6	20.00	0.26	1.3%	0.5% to 5.0%								





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04-21-20

### SIDEWALK COMPLIANCE

See 5 Sheets

- \* Does not include curb
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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
											Point	Northing	Easting	Elevation	
W1300 W1301	Ramp Running Slope	6	12.50	-0.32	-2.6%	0.5% to 8.3%					W1300	8896160.11	15552380.81	971.67	
W1301 W1308	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%					W1301	8896160.12	15552393.29	971.35	
W1308 W1309	Ramp Running Slope	6	9.90	0.24	2.4%	0.5% to 8.3%					W1302	8896166.12	15552395.35	971.42	
W1309 W1300	Crosswalk Cross Slope - Yield Condition	6	5.80	0.05	0.9%	0.0% to 2.0%					W1303	8896166.12	15552398.35	971.36	
W1301 W1304	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%					W1304	8896160.12	15552398.29	971.38	
W1304 W1305	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%					W1305	8896155.12	15552398.24	971.41	
W1305 W1308	Landing/Turning Space	4	5.00	-0.03	-0.6%	0.1% to 2.0%					W1306	8896143.14	15552398.13	971.47	
W1301 W1302	Sidewalk Running Slope	4	6.00	0.07	1.2%	0.5% to 5.0%					W1307	8896145.57	15552393.15	971.44	
W1302 W1303	Match Existing Cross Slope	4	3.00	-0.06	-2.0%	Match Existing					W1308	8896155.12	15552393.24	971.38	
W1303 W1304	Sidewalk Running Slope	4	6.00	0.02	0.3%	0.5% to 5.0%					W1309	8896155.11	15552383.27	971.62	
W1305 W1306	Ramp Running Slope	6	12.00	0.06	0.5%	0.5% to 8.3%					W1310	8896160.16	15552541.51	970.05	
W1306 W1307	Crosswalk Cross Slope - No Yield Condition	6	5.00	-0.03	-0.6%	0.0% to 5.0%					W1311	8896160.16	15552556.51	969.98	
W1307 W1308	Ramp Running Slope	6	9.60	-0.06	-0.6%	0.5% to 8.3%					W1312	8896155.16	15552556.51	969.91	
W1304 W1310	Sidewalk Running Slope	4	143.20	-1.33	-0.9%	0.5% to 5.0%					W1313	8896155.16	15552541.51	969.98	
W1310 W1313	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%					W1314	8896160.91	15552817.40	967.42	
W1313 W1305	Sidewalk Running Slope	4	143.20	1.43	1.0%	0.5% to 5.0%					W1315	8896155.91	15552817.42	967.35	
W1310 W1311	Sidewalk Running Slope	6	15.00	-0.07	-0.5%	0.5% to 5.0%					W1316	8896160.92	15552822.40	967.35	
W1311 W1312	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%					W1317	8896155.92	15552822.42	967.28	
W1312 W1313	Sidewalk Running Slope	6	15.00	0.07	0.5%	0.5% to 5.0%					W1318	8896160.94	15552828.40	967.15	
W1311 W1314	Sidewalk Running Slope	4	260.90	-2.56	-1.0%	0.5% to 5.0%					W1319	8896155.94	15552826.85	967.21	
W1314 W1315	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%									
W1315 W1312	Sidewalk Running Slope	4	260.90	2.56	1.0%	0.5% to 5.0%									
W1314 W1316	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%									
W1316 W1317	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%									
W1317 W1315	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%									
W1316 W1318	Ramp Running Slope	6	5.80	-0.20	-3.4%	0.5% to 8.3%									
W1318 W1319	Crosswalk Cross Slope - Yield Condition	6	5.00	0.06	1.2%	0.0% to 2.0%									
W1319 W1317	Ramp Running Slope	6	5.00	0.07	1.4%	0.5% to 8.3%									

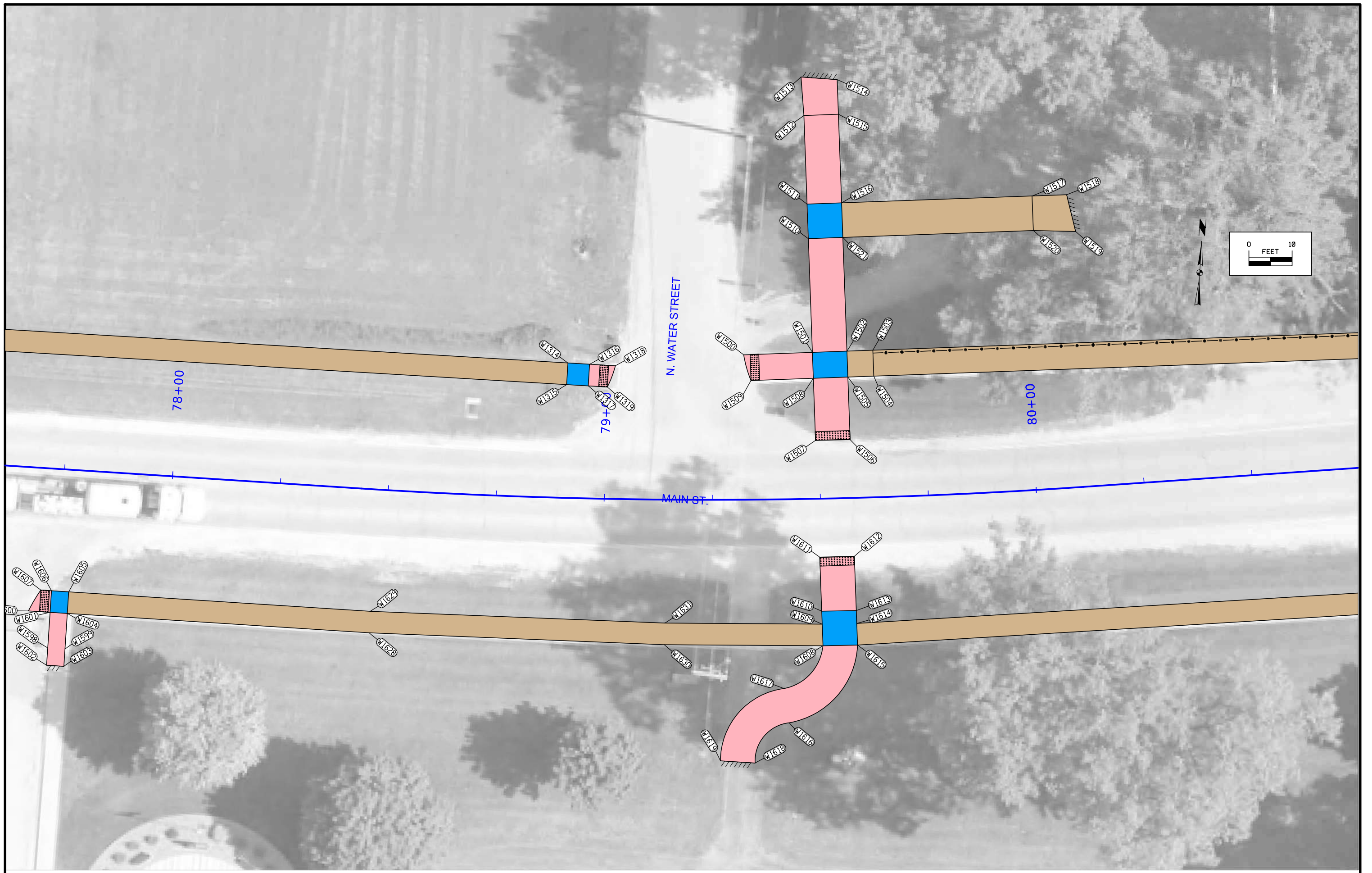
### SIDEWALK COMPLIANCE

See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W1211	W1402	Sidewalk Running Slope	4
W1402	W1401	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W1401	8896102.06	15552393.24	970.96
W1401	W1212	Sidewalk Running Slope	4	29.00	0.75	2.6%	0.5% to 5.0%				W1402	8896097.06	15552393.24	971.03
W1402	W1403	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W1403	8896097.04	15552398.24	970.96
W1403	W1404	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W1404	8896102.04	15552398.24	970.89
W1404	W1401	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W1405	8896116.25	15552398.24	971.55
W1401	W1400	Ramp Running Slope	6	14.20	0.71	5.0%	0.5% to 8.3%				W1406	8896096.17	15552658.16	967.88
W1400	W1405	Crosswalk Cross Slope - No Yield Condition	6	5.00	-0.12	-2.4%	0.0% to 5.0%				W1407	8896101.17	15552658.18	967.81
W1405	W1404	Ramp Running Slope	6	14.20	-0.66	-4.6%	0.5% to 8.3%				W1408	8896096.16	15552663.16	967.81
W1404	W1407	Sidewalk Running Slope	4	260.00	-3.08	-1.2%	0.5% to 5.0%				W1409	8896101.16	15552663.18	967.74
W1407	W1406	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W1410	8896096.14	15552668.06	967.60
W1406	W1403	Sidewalk Running Slope	4	260.00	3.08	1.2%	0.5% to 5.0%				W1411	8896101.14	15552667.76	967.67
W1406	W1408	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%							
W1408	W1409	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%							
W1409	W1407	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%							
W1408	W1410	Ramp Running Slope	6	5.00	-0.21	-4.2%	0.5% to 8.3%							
W1410	W1411	Crosswalk Cross Slope - Yield Condition	6	5.00	0.07	1.4%	0.0% to 2.0%							
W1411	W1409	Ramp Running Slope	6	5.00	0.07	1.4%	0.5% to 8.3%							
W1600	W1601	Ramp Running Slope	6	5.00	0.31	6.2%	0.5% to 8.3%				W1598	8896087.63	15552701.41	967.04
W1601	W1606	Landing/Turning Space	4	5.00	-0.05	-1.0%	0.1% to 2.0%				W1599	8896087.64	15552705.41	967.10
W1606	W1607	Ramp Running Slope	6	2.50	-0.18	-7.2%	0.5% to 8.3%				W1600	8896095.90	15552696.42	967.33
W1607	W1600	Crosswalk Cross Slope - Yield Condition	6	5.00	-0.08	-1.6%	0.0% to 2.0%				W1601	8896095.89	15552701.43	967.64
W1601	W1604	Landing/Turning Space	4	4.00	0.06	1.5%	0.1% to 2.0%				W1602	8896083.63	15552701.40	966.71
W1604	W1605	Landing/Turning Space	4	5.00	-0.05	-1.0%	0.1% to 2.0%				W1603	8896083.64	15552705.40	966.86
W1605	W1606	Landing/Turning Space	4	4.00	-0.06	-1.5%	0.1% to 2.0%				W1604	8896095.88	15552705.43	967.70
W1601	W1598	Ramp Running Slope	6	8.25	-0.60	-7.3%	0.5% to 8.3%				W1605	8896100.88	15552705.44	967.65
W1598	W1602	Ramp Running Slope	6	4.00	-0.33	-8.2%	0.5% to 8.3%	Yes			W1606	8896100.89	15552701.44	967.59
W1602	W1603	Match Existing Cross Slope	4	4.00	0.15	3.7%	Match Existing				W1607	8896100.90	15552698.97	967.41
W1603	W1599	Ramp Running Slope	6	4.00	0.24	6.0%	0.5% to 8.3%				W1608	8896099.33	15552880.36	968.10
W1599	W1604	Ramp Running Slope	6	8.25	0.60	7.3%	0.5% to 8.3%				W1609	8896104.31	15552879.87	968.17
W1598	W1599	Ramp Cross Slope	6	4.00	0.06	1.5%	0.1% to 2.0%				W1610	8896107.29	15552879.57	968.21







**SIDEWALK COMPLIANCE**

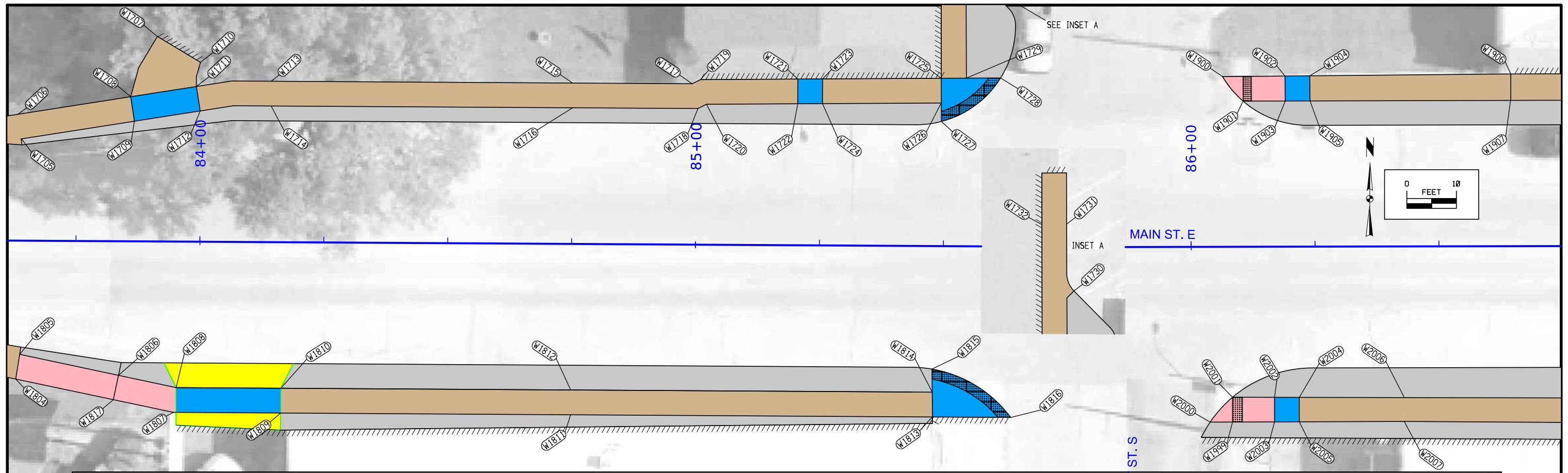
See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
											Point	Northing	Easting	Elevation	
											W1500	W1501	Ramp Running Slope	6	15.89
W1501	W1508	Landing/Turning Space	6	6.00	0.09	1.5%	0.1% to 2.0%				W1501	8896166.89	15552873.69	967.35	
W1508	W1509	Ramp Running Slope	6	14.43	-0.09	-0.6%	0.5% to 8.3%				W1502	8896167.67	15552881.65	967.31	
W1509	W1500	Crosswalk Cross Slope - Yield Condition	6	6.00	-0.09	-1.5%	0.0% to 2.0%				W1503	8896168.26	15552887.62	967.50	
W1501	W1502	Landing/Turning Space	6	8.00	-0.04	-0.5%	0.1% to 2.0%				W1504	8896162.29	15552888.21	967.59	
W1502	W1505	Landing/Turning Space	6	6.00	0.09	1.5%	0.1% to 2.0%				W1505	8896161.70	15552882.24	967.40	
W1505	W1508	Landing/Turning Space	6	8.00	0.04	0.5%	0.1% to 2.0%				W1506	8896147.30	15552883.66	968.49	
W1505	W1506	Ramp Running Slope	6	14.48	1.09	7.5%	0.5% to 8.3%	Yes			W1507	8896146.62	15552875.69	968.50	
W1506	W1507	Crosswalk Cross Slope - No Yield Condition	6	8.00	0.01	0.1%	0.0% to 5.0%				W1508	8896160.92	15552874.28	967.44	
W1507	W1508	Ramp Running Slope	6	14.37	-1.06	-7.4%	0.5% to 8.3%	Yes			W1509	8896159.50	15552859.92	967.35	
W1501	W1510	Ramp Running Slope	6	26.31	-1.97	-7.5%	0.5% to 8.3%	Yes			W1510	8896193.07	15552871.11	965.38	
W1510	W1521	Landing/Turning Space	6	8.00	-0.06	-0.7%	0.1% to 2.0%				W1511	8896201.03	15552870.32	965.26	
W1521	W1502	Ramp Running Slope	6	26.31	1.99	7.6%	0.5% to 8.3%	Yes			W1512	8896221.43	15552868.31	963.76	
W1510	W1511	Landing/Turning Space	6	8.00	-0.12	-1.5%	0.1% to 2.0%				W1513	8896230.27	15552867.10	963.11	
W1511	W1516	Landing/Turning Space	6	8.00	-0.06	-0.7%	0.1% to 2.0%				W1514	8896230.18	15552875.48	963.05	
W1516	W1521	Landing/Turning Space	6	8.00	0.12	1.5%	0.1% to 2.0%				W1515	8896222.22	15552876.27	963.65	
W1511	W1512	Ramp Running Slope	6	20.50	-1.50	-7.3%	0.5% to 8.3%	Yes			W1516	8896201.82	15552878.28	965.20	
W1512	W1515	Ramp Cross Slope	6	8.00	-0.11	-1.4%	0.1% to 2.0%				W1517	8896206.15	15552922.16	963.24	
W1515	W1516	Ramp Running Slope	6	20.50	1.55	7.6%	0.5% to 8.3%	Yes			W1518	8896206.94	15552930.12	962.87	
W1512	W1513	Ramp Running Slope	6	8.90	-0.65	-7.3%	0.5% to 8.3%				W1519	8896198.56	15552932.76	962.93	
W1513	W1514	Match Existing Cross Slope	6	8.00	-0.06	-0.8%	Match Existing				W1520	8896198.19	15552922.94	963.36	
W1514	W1515	Ramp Running Slope	6	8.00	0.60	7.5%	0.5% to 8.3%	Yes			W1521	8896193.86	15552879.07	965.32	
W1516	W1517	Ramp Running Slope	6	44.00	-1.96	-4.5%	0.5% to 8.3%				W1522	8896186.02	15553067.57	970.24	
W1517	W1520	Ramp Cross Slope	6	8.00	0.12	1.5%	0.1% to 2.0%				W1523	8896180.87	15553068.07	970.31	
W1520	W1521	Ramp Running Slope	6	44.00	1.96	4.5%	0.5% to 8.3%				W1524	8896188.24	15553095.96	972.10	
W1517	W1518	Ramp Running Slope	6	8.00	-0.37	-4.6%	0.5% to 8.3%				W1525	8896178.84	15553095.26	972.24	
W1518	W1519	Match Existing Cross Slope	6	8.00	0.06	0.7%	Match Existing				W1526	8896182.55	15553101.71	972.13	
W1519	W1520	Ramp Running Slope	6	9.80	0.43	4.4%	0.5% to 8.3%				W1527	8896178.47	15553101.70	972.19	
W1502	W1503	Sidewalk Running Slope	6	6.00	0.19	3.2%	0.5% to 5.0%				W1528	8896182.64	15553106.63	972.16	
W1503	W1504	Sidewalk Cross Slope	6	6.00	0.09	1.5%	0.5% to 2.0%				W1529	8896178.46	15553106.65	972.12	
W1504	W1505	Sidewalk Running Slope	6	6.00	-0.19	-3.2%	0.5% to 5.0%								
W1604	W1628	Sidewalk Running Slope	4	70.00	0.15	0.2%	0.5% to 5.0%				W1611	8896119.75	15552878.34	968.50	
W1628	W1629	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%				W1612	8896120.43	15552886.32	968.57	
W1629	W1605	Sidewalk Running Slope	4	70.00	-0.27	-0.4%	0.5% to 5.0%				W1613	8896107.94	15552887.55	968.32	
W1628	W1630	Sidewalk Running Slope	4	68.30	0.14	0.2%	0.5% to 5.0%				W1614	8896104.95	15552887.84	968.28	
W1630	W1631	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%				W1615	8896099.98	15552888.33	968.21	
W1631	W1629	Sidewalk Running Slope	4	68.30	-0.14	-0.2%	0.5% to 5.0%				W1616	8896081.07	15552873.65	966.93	
W1630	W1608	Sidewalk Running Slope	6	36.50	0.11	0.3%	0.5% to 5.0%				W1617	8896088.90	15552871.97	967.05	
W1608	W1609	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W1618	8896071.29	15552866.38	965.95	
W1609	W1631	Sidewalk Running Slope	4	36.50	-0.11	-0.3%	0.5% to 5.0%				W1619	8896071.29	15552858.36	965.95	
W1608	W1615	Landing/Turning Space	6	8.00	0.11	1.4%	0.1% to 2.0%				W1622	8896131.78	15553074.84	970.88	
W1615	W1614	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W1623	8896136.77	15553073.44	970.95	
W1614	W1613	Landing/Turning Space	6	3.00	0.04	1.3%	0.1% to 2.0%				W1624	8896140.51	15553105.72	972.10	
W1613	W1610	Landing/Turning Space	6	8.00	-0.11	-1.4%	0.1% to 2.0%				W1625	8896144.60	15553107.20	972.05	
W1610	W1609	Landing/Turning Space	6	3.00	-0.04	-1.3%	0.1% to 2.0%				W1626	8896116.21	15553019.49	970.41	
W1610	W1611	Ramp Running Slope	6	12.50	0.29	2.3%	0.5% to 8.3%				W1627	8896121.15	15553018.71	970.48	
W1611	W1612	Crosswalk Cross Slope - No Yield Condition	6	8.00	0.07	0.9%	0.0% to 5.0%				W1628	8896095.75	15552775.37	967.85	
W1612	W1613	Ramp Running Slope	6	12.50	-0.25	-2.0%	0.5% to 8.3%				W1629	8896100.75	15552775.31	967.92	
W1608	W1617	Ramp Running Slope	6	14.40	-1.05	-7.3%	0.5% to 8.3%				W1630	8896097.28	15552843.69	967.99	
W1617	W1619	Ramp Running Slope	6	24.30	-1.10	-4.5%	0.5% to 8.3%				W1631	8896102.28	15552843.52	968.06	
W1619	W1618	Match Existing Cross Slope	4	8.00	0.00	0.0%	Match Existing								
W1618	W1616	Ramp Running Slope	6	13.43	0.98	7.3%	0.5% to 8.3%								
W1616	W1615	Ramp Running Slope	6	25.90	1.28	4.9%	0.5% to 8.3%								
W1615	W1626	Sidewalk Running Slope	4	132.00	2.20	1.7%	0.5% to 5.0%								
W1626	W1627	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%								
W1627	W1614	Sidewalk Running Slope	4	132.00	-2.20	-1.7%	0.5% to 5.0%								
W1626	W1622	Sidewalk Running Slope	4	57.00	0.47	0.8%	0.5% to 5.0%								
W1622	W1623	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%								
W1623	W1627	Sidewalk Running Slope	4	57.00	-0.47	-0.8%	0.5% to 5.0%								
W1622	W1624	Sidewalk Running Slope	4	32.00	1.22	3.8%	0.5% to 5.0%								
W1624	W1625	Match Existing Cross Slope	4	4.00	-0.05	-1.3%	Match Existing								
W1625	W1623	Sidewalk Running Slope	4	32.00	-1.10	-3.4%	0.5% to 5.0%								







### SIDEWALK COMPLIANCE

See S Sheets

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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1709 W1708	Landing/Turning Space	6	5.00	0.09	1.8%	0.1% to 2.0%	Yes				W1710	8896200.08	15553325.74	969.10
W1708 W1711	Landing/Turning Space	6	13.43	-0.24	-1.8%	0.1% to 2.0%	Yes				W1711	8896195.19	15553324.95	969.26
W1711 W1712	Landing/Turning Space	6	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes				W1712	8896190.26	15553325.75	969.17
W1712 W1709	Landing/Turning Space	6	13.43	0.24	1.8%	0.1% to 2.0%	Yes				W1713	8896196.34	15553340.03	968.62
W1708 W1707	Sidewalk Running Slope	6	13.30	-0.12	-0.9%	0.5% to 5.0%					W1714	8896191.34	15553340.03	968.55
W1707 W1710	Match Existing Cross Slope	6	10.14	-0.28	-2.8%	Match Existing					W1715	8896196.35	15553400.84	967.70
W1710 W1711	Sidewalk Running Slope	6	5.00	0.16	3.2%	0.5% to 5.0%					W1716	8896191.36	15553400.84	967.63
W1713 W1714	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%					W1717	8896196.36	15553424.96	967.86
W1711 W1713	Sidewalk Running Slope	6	15.13	-0.64	-4.2%	0.5% to 5.0%	Yes				W1718	8896191.36	15553426.14	967.79
W1712 W1714	Sidewalk Running Slope	6	14.33	-0.62	-4.3%	0.5% to 5.0%	Yes				W1719	8896197.21	15553426.66	967.86
W1713 W1715	Sidewalk Running Slope	6	60.81	-0.92	-1.5%	0.5% to 5.0%					W1720	8896192.22	15553427.87	967.79
W1714 W1716	Sidewalk Running Slope	6	60.81	-0.92	-1.5%	0.5% to 5.0%					W1721	8896197.44	15553446.30	968.36
W1715 W1717	Sidewalk Running Slope	6	24.10	0.16	0.7%	0.5% to 5.0%					W1722	8896192.44	15553446.30	968.29
W1716 W1718	Sidewalk Running Slope	6	25.31	0.16	0.6%	0.5% to 5.0%					W1723	8896197.50	15553451.30	968.36
W1715 W1716	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%					W1724	8896192.50	15553451.30	968.29
W1717 W1718	Sidewalk Cross Slope	6	5.14	-0.07	-1.4%	0.5% to 2.0%					W1725	8896197.77	15553475.19	967.89
W1719 W1720	Sidewalk Cross Slope	6	5.13	-0.07	-1.4%	0.5% to 2.0%					W1726	8896192.77	15553475.24	967.84
W1717 W1719	Sidewalk Running Slope	6	1.90	0.00	0.0%	0.5% to 5.0%					W1727	8896189.04	15553475.29	967.81
W1718 W1720	Sidewalk Running Slope	6	1.93	0.00	0.0%	0.5% to 5.0%					W1728	8896197.91	15553487.18	968.00
W1719 W1721	Sidewalk Running Slope	6	19.64	0.50	2.5%	0.5% to 5.0%					W1729	8896197.83	15553480.29	967.94
W1720 W1722	Sidewalk Running Slope	6	18.43	0.50	2.7%	0.5% to 5.0%					W1730	8896219.23	15553481.48	968.57
W1721 W1722	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%					W1731	8896232.73	15553479.92	968.50
W1722 W1724	Landing/Turning Space	6	5.00	0.00	0.0%	0.1% to 2.0%					W1732	8896232.67	15553474.78	968.56
W1724 W1723	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%								
W1723 W1721	Landing/Turning Space	6	5.00	0.00	0.0%	0.1% to 2.0%								
W1723 W1725	Sidewalk Running Slope	6	23.89	-0.47	-2.0%	0.5% to 5.0%								
W1724 W1726	Sidewalk Running Slope	6	23.95	-0.45	-1.9%	0.5% to 5.0%								
W1725 W1726	Sidewalk Cross Slope	6	3.73	-0.05	-1.3%	0.5% to 2.0%								
W1726 W1727	Landing/Turning Space	6	8.73	-0.03	-0.3%	0.1% to 2.0%								
W1725 W1729	Sidewalk Cross Slope	6	5.10	0.05	1.0%	0.5% to 2.0%								
W1729 W1728	Landing/Turning Space	6	6.90	0.06	0.9%	0.1% to 2.0%								
W1727 W1728	Crosswalk Cross Slope - Yield Condition	6	14.83	0.19	1.3%	0.0% to 2.0%								
W1729 W1730	Sidewalk Running Slope	6	21.40	0.63	2.9%	0.5% to 5.0%								
W1730 W1731	Sidewalk Running Slope	6	13.90	-0.07	-0.5%	0.5% to 5.0%								
W1725 W1732	Sidewalk Running Slope	6	34.90	0.67	1.9%	0.5% to 5.0%								
W1731 W1732	Match Existing Cross Slope	6	5.00	0.06	1.2%	Match Existing								

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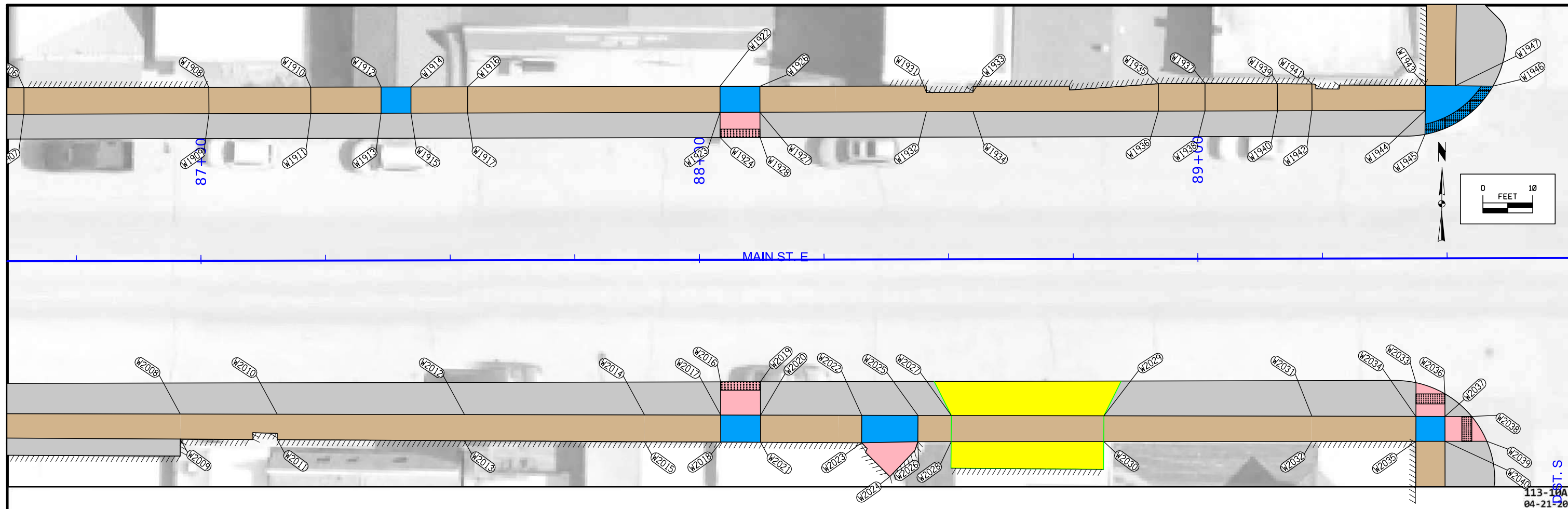
**SIDEWALK COMPLIANCE**

See S Sheets

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- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W1806	W1808	Ramp Running Slope	6
W1806	W1817	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W1810	8896134.34	15553342.34	967.90
W1817	W1807	Ramp Running Slope	6	12.90	-0.93	-7.2%	0.5% to 8.3%				W1811	8896129.36	15553400.85	967.63
W1808	W1807	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W1812	8896134.36	15553400.85	967.56
W1808	W1810	Sidewalk Running Slope	6	21.10	-0.38	-1.8%	0.5% to 5.0%				W1813	8896129.37	15553473.85	967.80
W1810	W1809	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W1814	8896134.37	15553473.77	967.77
W1807	W1809	Sidewalk Running Slope	6	21.60	-0.38	-1.8%	0.5% to 5.0%				W1815	8896139.04	15553473.70	967.74
W1810	W1812	Sidewalk Running Slope	6	58.50	-0.34	-0.6%	0.5% to 5.0%				W1816	8896129.37	15553489.64	967.91
W1809	W1811	Sidewalk Running Slope	6	58.50	-0.20	-0.3%	0.5% to 5.0%				W1817	8896131.83	15553308.57	969.14
W1812	W1811	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%							
W1812	W1814	Sidewalk Running Slope	6	73.00	0.21	0.3%	0.5% to 5.0%							
W1811	W1813	Sidewalk Running Slope	6	73.00	0.17	0.2%	0.5% to 5.0%							
W1813	W1815	Landing/Turning Space	6	9.70	-0.06	-0.6%	0.1% to 2.0%							
W1813	W1814	Sidewalk Cross Slope	6	5.00	-0.03	-0.6%	0.5% to 2.0%							
W1813	W1816	Landing/Turning Space	6	15.80	0.11	0.7%	0.1% to 2.0%							
W1815	W1816	Crosswalk Cross Slope - Yield Condition	6	18.60	0.17	0.9%	0.0% to 2.0%							
W1900	W1901	Crosswalk Cross Slope - Yield Condition	6	6.44	0.09	1.4%	0.0% to 2.0%				W1900	8896198.46	15553531.97	968.43
W1901	W1903	Ramp Running Slope	6	8.50	0.48	5.6%	0.5% to 8.3%				W1901	8896193.54	15553536.13	968.52
W1903	W1902	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W1902	8896198.66	15553544.56	968.93
W1900	W1902	Ramp Running Slope	6	12.50	0.50	4.0%	0.5% to 8.3%				W1903	8896193.61	15553544.63	969.00
W1902	W1904	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W1904	8896198.74	15553549.55	969.00
W1905	W1903	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W1905	8896193.66	15553549.63	969.07
W1904	W1906	Sidewalk Running Slope	6	41.00	0.72	1.8%	0.5% to 5.0%				W1906	8896199.35	15553590.10	969.72
W1904	W1905	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W1907	8896194.02	15553590.08	969.65
W1905	W1907	Sidewalk Running Slope	6	41.00	0.58	1.4%	0.5% to 5.0%				W1908	8896199.65	15553627.20	970.18
W1906	W1907	Sidewalk Cross Slope	6	5.33	-0.07	-1.3%	0.5% to 2.0%				W1909	8896194.35	15553627.24	970.11
W1906	W1908	Sidewalk Running Slope	6	37.10	0.46	1.2%	0.5% to 5.0%				W1910	8896199.82	15553647.65	970.75
W1907	W1909	Sidewalk Running Slope	6	37.10	0.46	1.2%	0.5% to 5.0%				W1911	8896194.53	15553647.70	970.68
W2000	W2001	Crosswalk Cross Slope - Yield Condition	6	6.74	0.07	1.0%	0.0% to 2.0%				W1999	8896128.71	15553534.41	968.53
W2000	W1999	Ramp Running Slope	6	4.50	0.14	3.1%	0.5% to 8.3%				W2000	8896128.67	15553529.88	968.39
W1999	W2001	Ramp Cross Slope	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2001	8896133.71	15553534.36	968.46
W1999	W2003	Ramp Running Slope	6	8.50	0.48	5.6%	0.5% to 8.3%				W2002	8896133.75	15553542.85	969.08
W2001	W2002	Ramp Running Slope	6	8.50	0.62	7.3%	0.5% to 8.3%				W2003	8896128.79	15553542.87	969.01
W2002	W2003	Landing/Turning Space	6	4.97	-0.07	-1.4%	0.1% to 2.0%				W2004	8896133.77	15553547.85	969.15
W2003	W2005	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W2005	8896128.84	15553547.87	969.08
W2005	W2004	Landing/Turning Space	6	4.95	0.07	1.4%	0.1% to 2.0%				W2006	8896133.86	15553569.04	969.38
W2002	W2004	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W2007	8896129.04	15553569.06	969.45
W2004	W2006	Sidewalk Running Slope	6	21.20	0.23	1.1%	0.5% to 5.0%				W2008	8896134.09	15553621.88	969.96
W2005	W2007	Sidewalk Running Slope	6	21.20	0.37	1.7%	0.5% to 5.0%				W2009	8896129.08	15553621.90	970.03
W2006	W2007	Sidewalk Cross Slope	6	4.82	0.07	1.5%	0.5% to 2.0%				W2010	8896134.17	15553641.33	970.26
W2006	W2008	Sidewalk Running Slope	6	52.84	0.58	1.1%	0.5% to 5.0%				W2011	8896129.09	15553641.35	970.33
W2007	W2009	Sidewalk Running Slope	6	52.84	0.58	1.1%	0.5% to 5.0%				W2012	8896134.33	15553678.90	970.78





**SIDEWALK COMPLIANCE**

See 5 Sheets

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Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W1908 W1909	Sidewalk Cross Slope	6	5.30	-0.07	-1.3%	0.5% to 2.0%					W1912	8896199.93	15553661.74	970.91
W1908 W1910	Sidewalk Running Slope	6	20.45	0.57	2.8%	0.5% to 5.0%					W1913	8896194.66	15553661.77	970.84
W1909 W1911	Sidewalk Running Slope	6	20.45	0.57	2.8%	0.5% to 5.0%					W1914	8896199.98	15553667.74	970.91
W1910 W1911	Sidewalk Cross Slope	6	5.28	-0.07	-1.3%	0.5% to 2.0%					W1915	8896194.71	15553667.77	970.84
W1910 W1912	Ramp Running Slope	6	14.10	0.16	1.1%	0.5% to 8.3%					W1916	8896200.07	15553679.10	971.05
W1911 W1913	Ramp Running Slope	6	14.07	0.16	1.1%	0.5% to 8.3%					W1917	8896194.81	15553679.13	970.98
W1912 W1913	Landing/Turning Space	6	5.27	-0.07	-1.3%	0.1% to 2.0%					W1922	8896200.48	15553729.74	971.63
W1913 W1915	Landing/Turning Space	6	6.00	0.00	0.0%	0.1% to 2.0%					W1923	8896195.27	15553729.78	971.56
W1915 W1914	Landing/Turning Space	6	5.27	0.07	1.3%	0.1% to 2.0%					W1924	8896190.21	15553729.82	971.30
W1914 W1912	Landing/Turning Space	6	6.00	0.00	0.0%	0.1% to 2.0%					W1926	8896200.55	15553737.74	971.73
W1914 W1916	Sidewalk Running Slope	6	11.36	0.14	1.2%	0.5% to 5.0%					W1927	8896195.34	15553737.78	971.66
W1915 W1917	Sidewalk Running Slope	6	11.33	0.14	1.2%	0.5% to 5.0%					W1928	8896190.28	15553737.82	971.44
W1916 W1917	Sidewalk Cross Slope	6	5.26	-0.07	-1.3%	0.5% to 2.0%					W1931	8896199.51	15553771.16	972.60
W1916 W1922	Sidewalk Running Slope	6	50.64	0.58	1.1%	0.5% to 5.0%					W1932	8896195.64	15553771.20	972.54
W1922 W1923	Landing/Turning Space	6	5.20	-0.07	-1.3%	0.1% to 2.0%					W1933	8896199.60	15553780.51	972.72
W1923 W1917	Sidewalk Running Slope	6	50.64	-0.58	-1.1%	0.5% to 5.0%					W1934	8896195.72	15553780.54	972.66
W1923 W1927	Landing/Turning Space	6	8.00	0.10	1.3%	0.1% to 2.0%					W1935	8896201.55	15553817.68	973.24
W1926 W1922	Landing/Turning Space	6	8.00	-0.10	-1.3%	0.1% to 2.0%					W1936	8896196.05	15553817.68	973.17
W1923 W1924	Ramp Running Slope	6	5.05	-0.26	-5.1%	0.5% to 8.3%					W1937	8896201.72	15553827.04	973.36
W1924 W1928	Crosswalk Cross Slope - Yield Condition	6	8.00	0.14	1.8%	0.0% to 2.0%					W1938	8896196.14	15553827.05	973.29
W1927 W1928	Ramp Running Slope	6	5.05	-0.22	-4.4%	0.5% to 8.3%					W1939	8896201.71	15553841.50	973.62
W1926 W1927	Landing/Turning Space	6	5.20	-0.07	-1.3%	0.1% to 2.0%					W1940	8896196.27	15553841.62	973.55
W1926 W1931	Sidewalk Running Slope	6	33.40	0.87	2.6%	0.5% to 5.0%					W1941	8896201.71	15553848.50	973.70
W1927 W1932	Sidewalk Running Slope	6	33.40	0.88	2.6%	0.5% to 5.0%					W1942	8896196.33	15553848.50	973.63
W1931 W1932	Sidewalk Cross Slope	6	4.00	-0.06	-1.5%	0.5% to 2.0%					W1943	8896201.53	15553871.30	973.62
W1931 W1933	Sidewalk Running Slope	6	9.35	0.12	1.3%	0.5% to 5.0%					W1944	8896196.53	15553871.28	973.60
W1932 W1934	Sidewalk Running Slope	6	9.35	0.12	1.3%	0.5% to 5.0%					W1945	8896191.72	15553871.26	973.55
W1933 W1934	Sidewalk Cross Slope	6	4.00	-0.06	-1.5%	0.5% to 2.0%					W1946	8896201.48	15553884.82	973.72
W1933 W1935	Sidewalk Running Slope	6	37.22	0.52	1.4%	0.5% to 5.0%					W1947	8896201.51	15553877.30	973.64
W1934 W1936	Sidewalk Running Slope	6	37.19	0.51	1.4%	0.5% to 5.0%					W1948	8896222.09	15553878.83	973.87
W1935 W1936	Sidewalk Cross Slope	6	5.50	-0.07	-1.3%	0.5% to 2.0%					W1949	8896250.60	15553877.25	973.63



### SIDEWALK COMPLIANCE

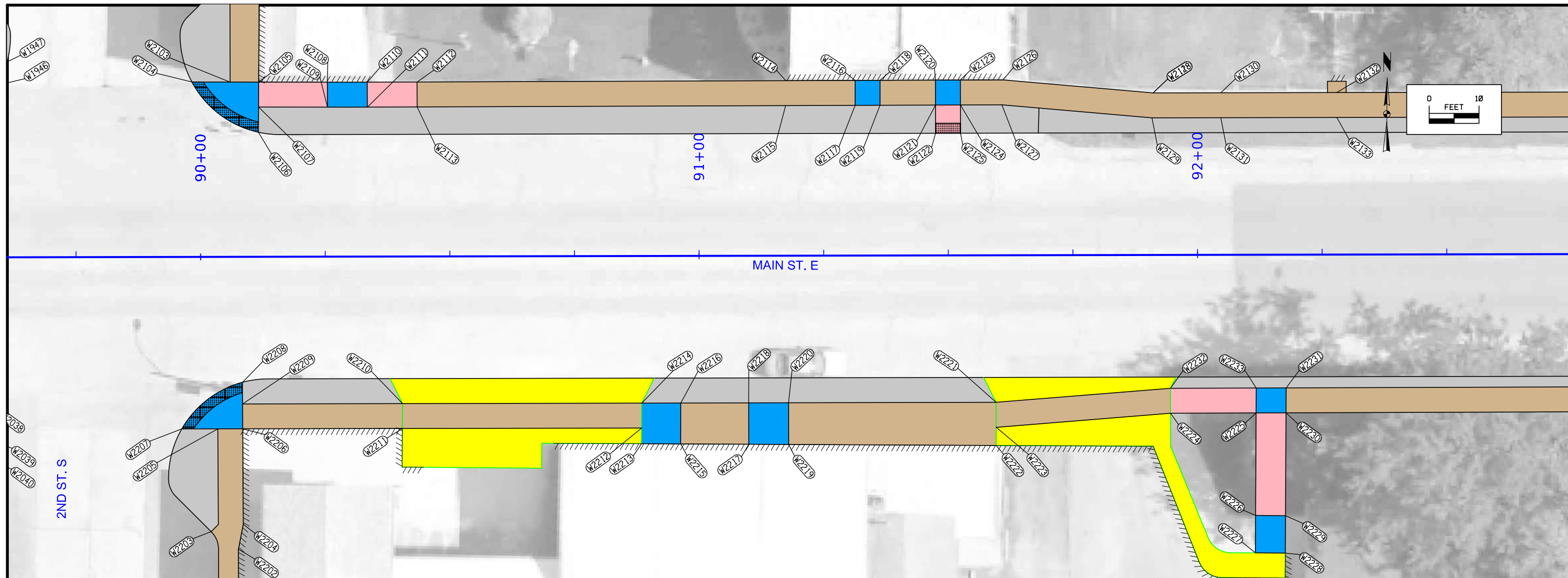
See S Sheets

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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W1935	W1937	Sidewalk Running Slope	6
W1936	W1938	Sidewalk Running Slope	6	9.36	0.12	1.3%	0.5% to 5.0%							
W1937	W1938	Sidewalk Cross Slope	6	5.59	-0.07	-1.3%	0.5% to 2.0%							
W1937	W1939	Sidewalk Running Slope	6	14.50	0.26	1.8%	0.5% to 5.0%							
W1938	W1940	Sidewalk Running Slope	6	14.50	0.26	1.8%	0.5% to 5.0%							
W1939	W1940	Sidewalk Cross Slope	6	5.45	-0.07	-1.3%	0.5% to 2.0%							
W1939	W1941	Sidewalk Running Slope	6	6.96	0.08	1.1%	0.5% to 5.0%							
W1940	W1942	Sidewalk Running Slope	6	6.90	0.08	1.2%	0.5% to 5.0%							
W1941	W1942	Sidewalk Cross Slope	6	5.38	-0.07	-1.3%	0.5% to 2.0%							
W1941	W1943	Sidewalk Running Slope	6	22.80	-0.08	-0.4%	0.5% to 5.0%							
W1942	W1944	Sidewalk Running Slope	6	22.70	-0.03	-0.1%	0.5% to 5.0%							
W1943	W1944	Sidewalk Cross Slope	6	5.00	-0.02	-0.4%	0.5% to 2.0%							
W1944	W1945	Landing/Turning Space	6	4.90	-0.05	-1.0%	0.1% to 2.0%							
W1946	W1947	Sidewalk Cross Slope	6	6.00	-0.08	-1.3%	0.5% to 2.0%							
W1943	W1946	Landing/Turning Space	6	7.53	0.10	1.3%	0.1% to 2.0%							
W1943	W1950	Sidewalk Running Slope	6	49.00	0.08	0.2%	0.5% to 5.0%							
W1947	W1949	Sidewalk Running Slope	6	49.00	-0.01	0.0%	0.5% to 5.0%							
W1949	W1950	Sidewalk Cross Slope	6	5.76	0.07	1.2%	0.5% to 2.0%							
W2008	W2009	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%				W2013	8896129.09	15553678.89	970.81
W2008	W2010	Sidewalk Running Slope	6	19.45	0.30	1.5%	0.5% to 5.0%				W2014	8896134.49	15553715.01	971.44
W2009	W2011	Sidewalk Running Slope	6	19.45	0.30	1.5%	0.5% to 5.0%				W2015	8896129.11	15553715.04	971.50
W2010	W2011	Sidewalk Cross Slope	6	5.08	0.07	1.4%	0.5% to 2.0%				W2016	8896141.22	15553730.23	971.17
W2010	W2012	Sidewalk Running Slope	6	37.58	0.52	1.4%	0.5% to 5.0%				W2017	8896134.55	15553730.28	971.48
W2011	W2013	Sidewalk Running Slope	6	37.54	0.48	1.3%	0.5% to 5.0%				W2018	8896129.14	15553730.33	971.55
W2012	W2013	Sidewalk Cross Slope	6	5.24	0.03	0.6%	0.5% to 2.0%				W2019	8896141.28	15553738.23	971.32
W2012	W2014	Sidewalk Running Slope	6	36.10	0.66	1.8%	0.5% to 5.0%				W2020	8896134.58	15553738.28	971.59
W2013	W2015	Sidewalk Running Slope	6	36.10	0.69	1.9%	0.5% to 5.0%				W2021	8896129.15	15553738.33	971.66
W2014	W2015	Sidewalk Cross Slope	6	5.38	0.06	1.1%	0.5% to 2.0%				W2022	8896134.67	15553758.58	972.15
W2014	W2017	Sidewalk Running Slope	6	15.27	0.04	0.3%	0.5% to 5.0%				W2023	8896129.18	15553758.61	972.22
W2015	W2018	Sidewalk Running Slope	6	15.29	0.05	0.3%	0.5% to 5.0%				W2024	8896122.44	15553764.32	972.50
W2017	W2018	Landing/Turning Space	6	5.40	0.07	1.3%	0.1% to 2.0%				W2025	8896134.72	15553769.87	972.31
W2016	W2017	Ramp Running Slope	6	6.67	0.31	4.6%	0.5% to 8.3%				W2026	8896129.46	15553769.89	972.38
W2018	W2021	Landing/Turning Space	6	8.00	0.11	1.4%	0.1% to 2.0%				W2027	8896134.75	15553776.57	972.45
W2021	W2020	Landing/Turning Space	6	5.44	-0.07	-1.3%	0.1% to 2.0%				W2028	8896129.46	15553776.56	972.52
W2020	W2019	Ramp Running Slope	6	6.70	-0.27	-4.0%	0.5% to 8.3%				W2029	8896134.88	15553807.19	972.99
W2016	W2019	Crosswalk Cross Slope - Yield Condition	6	8.00	0.15	1.9%	0.0% to 2.0%				W2030	8896129.72	15553807.18	973.06
W2020	W2022	Sidewalk Running Slope	6	20.30	0.56	2.8%	0.5% to 5.0%				W2031	8896135.06	15553848.90	973.76
W2021	W2023	Sidewalk Running Slope	6	20.30	0.56	2.8%	0.5% to 5.0%				W2032	8896130.00	15553848.92	973.79
W2022	W2023	Landing/Turning Space	6	5.50	0.07	1.3%	0.1% to 2.0%				W2033	8896141.91	15553869.75	973.62
W2022	W2025	Landing/Turning Space	6	11.30	0.16	1.4%	0.1% to 2.0%				W2034	8896135.15	15553869.76	973.87
W2023	W2024	Match Existing Cross Slope	6	8.83	0.28	3.2%	Match Existing				W2035	8896130.15	15553869.77	973.90
W2020	W2017	Landing/Turning Space	6	8.00	-0.11	-1.4%	0.1% to 2.0%				W2036	8896139.71	15553875.57	973.69
W2023	W2026	Landing/Turning Space	6	11.30	0.16	1.4%	0.1% to 2.0%				W2037	8896135.17	15553875.60	973.85
W2024	W2026	Ramp Running Slope	6	8.97	-0.12	-1.3%	0.5% to 8.3%				W2038	8896135.20	15553880.98	973.77
W2025	W2026	Landing/Turning Space	6	5.26	0.07	1.3%	0.1% to 2.0%				W2039	8896130.25	15553884.03	973.84
W2025	W2027	Sidewalk Running Slope	6	6.70	0.14	2.1%	0.5% to 5.0%				W2040	8896130.19	15553875.63	973.88
W2026	W2028	Sidewalk Running Slope	6	6.67	0.14	2.1%	0.5% to 5.0%				W2041	8896111.82	15553877.22	974.14
W2027	W2028	Sidewalk Cross Slope	6	5.24	0.07	1.3%	0.5% to 2.0%				W2042	8896106.47	15553869.81	974.00
W2027	W2029	Sidewalk Running Slope	6	30.62	0.54	1.8%	0.5% to 5.0%				W2043	8896106.52	15553875.80	974.11
W2028	W2030	Sidewalk Running Slope	6	30.62	0.54	1.8%	0.5% to 5.0%				W2044	8896073.21	15553869.99	974.14
W2029	W2030	Sidewalk Cross Slope	6	5.16	0.07	1.4%	0.5% to 2.0%				W2045	8896073.27	15553876.07	973.65
W2029	W2031	Sidewalk Running Slope	6	41.70	0.77	1.8%	0.5% to 5.0%							
W2030	W2032	Sidewalk Running Slope	6	41.70	0.73	1.8%	0.5% to 5.0%							
W2031	W2032	Sidewalk Cross Slope	6	5.05	0.03	0.6%	0.5% to 2.0%							
W2031	W2034	Sidewalk Running Slope	6	20.87	0.11	0.5%	0.5% to 5.0%							
W2032	W2035	Sidewalk Running Slope	6	20.85	0.11	0.5%	0.5% to 5.0%							
W2033	W2034	Ramp Running Slope	6	6.76	0.25	3.7%	0.5% to 8.3%							
W2034	W2035	Landing/Turning Space	6	5.00	0.03	0.6%	0.1% to 2.0%							
W2033	W2036	Crosswalk Cross Slope - Yield Condition	6	6.22	0.07	1.1%	0.0% to 2.0%							
W2036	W2037	Ramp Running Slope	6	4.53	0.16	3.5%	0.5% to 8.3%							
W2034	W2037	Landing/Turning Space	6	5.84	-0.02	-0.3%	0.1% to 2.0%							
W2037	W2038	Ramp Running Slope	6	5.38	-0.08	-1.5%	0.5% to 8.3%							
W2038	W2039	Crosswalk Cross Slope - Yield Condition	6	5.82	0.07	1.2%	0.0% to 2.0%							
W2039	W2040	Ramp Running Slope	6	8.40	0.04	0.5%	0.5% to 8.3%							
W2035	W2040	Landing/Turning Space	6	5.86	-0.02	-0.3%	0.1% to 2.0%							
W2035	W2042	Sidewalk Running Slope	6	23.68	0.10	0.4%	0.5% to 5.0%							
W2040	W2043	Sidewalk Running Slope	6	23.67	0.23	1.0%	0.5% to 5.0%							
W2042	W2043	Sidewalk Cross Slope	6	6.00	0.11	1.8%	0.5% to 2.0%	Yes						
W2042	W2044	Sidewalk Running Slope	6	33.25	0.14	0.4%	0.5% to 5.0%							
W2043	W2045	Sidewalk Running Slope	6	33.25	-0.46	-1.4%	0.5% to 5.0%							
W2044	W2045	Match Existing Cross Slope	6	6.15	-0.49	-8.0%	Match Existing							
W2037	W2040	Landing/Turning Space	6	5.00	0.03	0.6%	0.1% to 2.0%							







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### SIDEWALK COMPLIANCE

See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2100	W2101	Match Existing Cross Slope	6	6.00	0.09	1.5%	Match Existing				W2100	8896250.84	15553931.25	974.22
W2100	W2103	Sidewalk Running Slope	6	48.40	0.12	0.2%	0.5% to 5.0%				W2101	8896250.87	15553937.24	974.31
W2101	W2105	Sidewalk Running Slope	6	48.40	0.13	0.3%	0.5% to 5.0%				W2102	8896222.43	15553929.90	974.18
W2103	W2105	Sidewalk Cross Slope	6	5.70	0.10	1.8%	0.5% to 2.0%	Yes			W2103	8896202.43	15553931.53	974.34
W2103	W2104	Landing/Turning Space	6	7.68	-0.14	-1.8%	0.1% to 2.0%	Yes			W2104	8896202.39	15553923.86	974.20
W2105	W2107	Ramp Cross Slope	6	5.00	-0.05	-1.0%	0.1% to 2.0%				W2105	8896202.46	15553937.26	974.44
W2107	W2106	Landing/Turning Space	6	5.00	-0.04	-0.8%	0.1% to 2.0%				W2106	8896192.39	15553937.26	974.35
W2104	W2106	Crosswalk Cross Slope - Yield Condition	6	16.72	0.15	0.9%	0.0% to 2.0%				W2107	8896197.46	15553937.26	974.39
W2105	W2108	Ramp Running Slope	6	13.80	0.57	4.1%	0.5% to 8.3%				W2108	8896202.46	15553951.05	975.01
W2107	W2109	Ramp Running Slope	6	13.84	0.55	4.0%	0.5% to 8.3%				W2109	8896197.51	15553951.10	974.94
W2108	W2109	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2110	8896202.46	15553959.05	975.01
W2108	W2110	Landing/Turning Space	6	8.00	0.00	0.0%	0.1% to 2.0%				W2111	8896197.56	15553959.10	974.94
W2109	W2111	Landing/Turning Space	6	8.00	0.00	0.0%	0.1% to 2.0%				W2112	8896202.66	15553969.05	975.13
W2110	W2111	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2113	8896197.66	15553969.10	975.10
W2110	W2112	Ramp Running Slope	6	10.00	0.12	1.2%	0.5% to 8.3%				W2114	8896203.39	15554042.99	975.98
W2111	W2113	Ramp Running Slope	6	10.00	0.16	1.6%	0.5% to 8.3%				W2115	8896198.39	15554042.99	975.91
W2112	W2114	Sidewalk Running Slope	6	73.95	0.85	1.1%	0.5% to 5.0%				W2116	8896203.53	15554056.92	976.14
W2113	W2115	Sidewalk Running Slope	6	73.90	0.81	1.1%	0.5% to 5.0%				W2117	8896198.53	15554056.96	976.07
W2112	W2113	Ramp Cross Slope	6	5.00	-0.03	-0.6%	0.1% to 2.0%				W2118	8896203.58	15554061.92	976.14
W2114	W2115	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2119	8896198.58	15554061.96	976.07
W2114	W2116	Sidewalk Running Slope	6	14.00	0.16	1.1%	0.5% to 5.0%				W2120	8896203.69	15554073.04	976.11
W2115	W2117	Sidewalk Running Slope	6	13.97	0.16	1.1%	0.5% to 5.0%				W2121	8896198.69	15554073.08	976.04
W2116	W2117	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2122	8896193.03	15554073.12	975.63

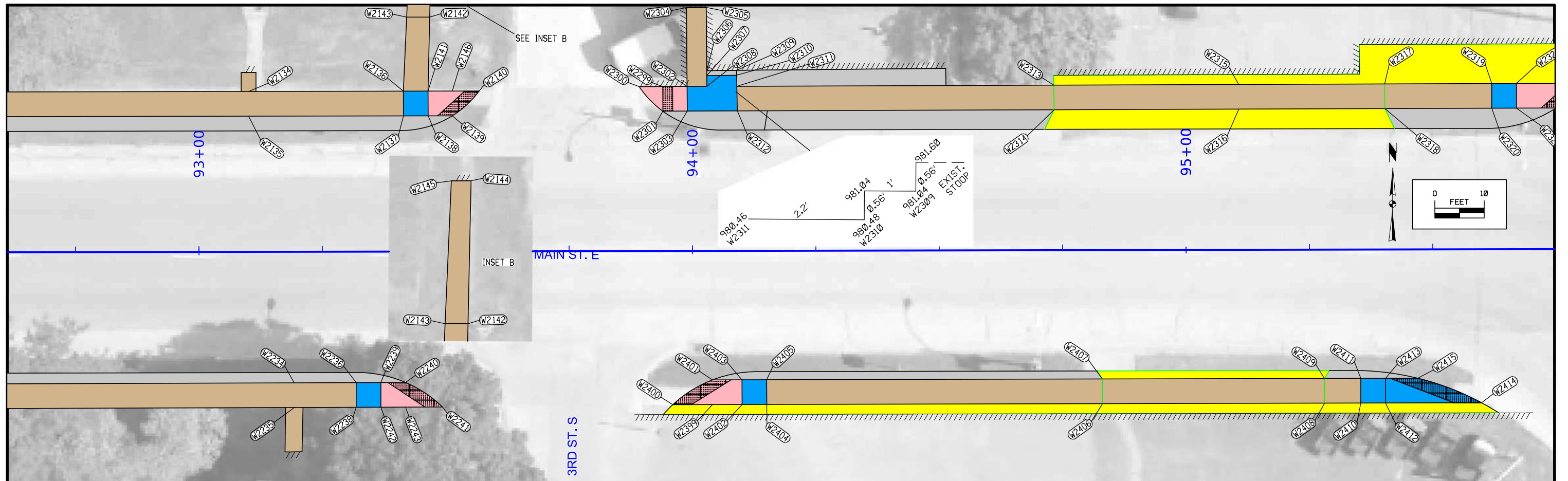
### SIDEWALK COMPLIANCE

See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2116	W2118	Landing/Turning Space	6	5.00	0.00	0.0%	0.1% to 2.0%				W2123	8896203.74	15554078.04	976.16
W2117	W2119	Landing/Turning Space	6	5.00	0.00	0.0%	0.1% to 2.0%				W2124	8896198.74	15554078.08	976.09
W2118	W2119	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2125	8896193.08	15554078.12	975.68
W2118	W2120	Sidewalk Running Slope	6	11.11	-0.03	-0.3%	0.5% to 5.0%				W2126	8896203.83	15554086.57	976.26
W2119	W2121	Sidewalk Running Slope	6	11.11	-0.03	-0.3%	0.5% to 5.0%				W2127	8896198.82	15554086.40	976.19
W2120	W2121	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2128	8896201.39	15554116.71	976.64
W2121	W2122	Ramp Running Slope	6	5.66	-0.41	-7.2%	0.5% to 8.3%				W2129	8896196.39	15554116.53	976.57
W2122	W2125	Crosswalk Cross Slope - Yield Condition	6	5.00	0.05	1.0%	0.0% to 2.0%				W2130	8896201.51	15554130.29	976.81
W2125	W2124	Ramp Running Slope	6	5.67	0.41	7.2%	0.5% to 8.3%				W2131	8896196.51	15554130.33	976.74
W2124	W2123	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W2132	8896201.70	15554153.56	977.25
W2120	W2123	Landing/Turning Space	6	5.00	0.05	1.0%	0.1% to 2.0%				W2133	8896196.70	15554153.60	977.18
W2121	W2124	Landing/Turning Space	6	5.00	0.05	1.0%	0.1% to 2.0%				W2134	8896202.37	15554235.66	978.90
W2123	W2126	Sidewalk Running Slope	6	8.54	0.10	1.2%	0.5% to 5.0%				W2135	8896197.37	15554235.70	978.83
W2124	W2127	Sidewalk Running Slope	6	8.32	0.10	1.2%	0.5% to 5.0%				W2136	8896202.63	15554267.02	979.73
W2126	W2127	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2137	8896197.63	15554267.07	979.66
W2126	W2128	Sidewalk Running Slope	6	30.24	0.38	1.3%	0.5% to 5.0%				W2138	8896197.67	15554272.07	979.59
W2127	W2129	Sidewalk Running Slope	6	30.24	0.38	1.3%	0.5% to 5.0%				W2139	8896197.71	15554276.97	979.44
W2128	W2129	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2140	8896202.75	15554282.39	979.50
W2128	W2130	Sidewalk Running Slope	6	13.57	0.17	1.3%	0.5% to 5.0%				W2141	8896202.67	15554272.02	979.66
W2129	W2131	Sidewalk Running Slope	6	13.80	0.17	1.2%	0.5% to 5.0%				W2142	8896217.67	15554272.25	979.68
W2130	W2131	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2143	8896217.63	15554267.59	979.71
W2130	W2132	Sidewalk Running Slope	6	23.28	0.44	1.9%	0.5% to 5.0%				W2144	8896246.63	15554272.69	979.71
W2131	W2133	Sidewalk Running Slope	6	23.28	0.44	1.9%	0.5% to 5.0%				W2145	8896246.60	15554268.69	979.67
W2132	W2133	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2146	8896202.71	15554276.93	979.52
W2132	W2134	Sidewalk Running Slope	6	82.10	1.65	2.0%	0.5% to 5.0%							
W2133	W2135	Sidewalk Running Slope	6	82.10	1.65	2.0%	0.5% to 5.0%							
W2200	W2201	Match Existing Cross Slope	6	4.00	0.22	5.5%	Match Existing				W2200	8896083.71	15553929.99	974.59
W2201	W2202	Sidewalk Running Slope	6	35.00	0.17	0.5%	0.5% to 5.0%				W2201	8896083.75	15553933.99	974.81
W2202	W2204	Sidewalk Running Slope	6	5.10	-0.02	-0.4%	0.5% to 5.0%				W2202	8896108.74	15553933.78	974.98
W2204	W2206	Sidewalk Running Slope	6	19.14	-0.32	-1.7%	0.5% to 5.0%				W2203	8896112.23	15553928.29	974.90
W2206	W2205	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2204	8896113.75	15553934.72	974.96
W2205	W2207	Landing/Turning Space	6	7.22	-0.11	-1.5%	0.1% to 2.0%				W2205	8896132.85	15553929.49	974.57
W2207	W2208	Crosswalk Cross Slope - Yield Condition	6	15.34	0.06	0.4%	0.0% to 2.0%				W2206	8896132.89	15553934.48	974.64
W2206	W2209	Sidewalk Cross Slope	6	5.00	-0.06	-1.2%	0.5% to 2.0%				W2207	8896132.79	15553922.26	974.46
W2209	W2208	Landing/Turning Space	6	4.33	-0.06	-1.4%	0.1% to 2.0%				W2208	8896142.22	15553934.37	974.52
W2209	W2210	Sidewalk Running Slope	6	32.10	0.25	0.8%	0.5% to 5.0%				W2209	8896137.89	15553934.44	974.58
W2206	W2211	Sidewalk Running Slope	6	32.10	0.26	0.8%	0.5% to 5.0%				W2210	8896138.15	15553966.53	974.83
W2210	W2211	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%				W2211	8896133.15	15553966.52	974.90
W2210	W2214	Sidewalk Running Slope	6	48.00	0.69	1.4%	0.5% to 5.0%				W2212	8896133.55	15554014.52	975.61
W2211	W2212	Sidewalk Running Slope	6	48.00	0.71	1.5%	0.5% to 5.0%				W2213	8896130.39	15554014.51	975.66
W2214	W2212	Sidewalk Cross Slope	6	5.00	0.09	1.8%	0.5% to 2.0%	Yes			W2214	8896138.55	15554014.53	975.52
W2212	W2213	Landing/Turning Space	6	3.16	0.05	1.6%	0.1% to 2.0%	Yes			W2215	8896130.40	15554022.36	975.68
W2213	W2215	Landing/Turning Space	6	7.85	0.02	0.3%	0.1% to 2.0%				W2216	8896138.61	15554022.35	975.66
W2215	W2216	Landing/Turning Space	6	8.22	-0.02	-0.2%	0.1% to 2.0%				W2217	8896130.41	15554036.04	975.91
W2216	W2214	Landing/Turning Space	6	7.82	-0.14	-1.8%	0.1% to 2.0%	Yes			W2218	8896138.72	15554035.97	975.84
W2216	W2218	Sidewalk Running Slope	6	13.62	0.18	1.3%	0.5% to 5.0%				W2219	8896130.44	15554044.04	975.91
W2215	W2217	Sidewalk Running Slope	6	13.68	0.23	1.7%	0.5% to 5.0%				W2220	8896138.79	15554043.97	975.84
W2218	W2217	Landing/Turning Space	6	8.31	0.07	0.8%	0.1% to 2.0%				W2221	8896139.13	15554085.59	976.19
W2217	W2219	Landing/Turning Space	6	8.00	0.00	0.0%	0.1% to 2.0%				W2222	8896130.48	15554085.68	976.32
W2218	W2220	Landing/Turning Space	6	8.00	0.00	0.0%	0.1% to 2.0%				W2223	8896134.13	15554085.64	976.27
W2220	W2219	Landing/Turning Space	6	8.37	0.07	0.8%	0.1% to 2.0%				W2224	8896137.16	15554120.61	976.54
W2220	W2221	Sidewalk Running Slope	6	41.62	0.35	0.8%	0.5% to 5.0%				W2225	8896137.33	15554137.78	977.33
W2219	W2222	Sidewalk Running Slope	6	41.64	0.41	1.0%	0.5% to 5.0%				W2226	8896122.80	15554119.80	978.81
W2221	W2222	Sidewalk Cross Slope	6	8.65	0.13	1.5%	0.5% to 2.0%				W2227	8896118.33	15554122.04	978.92
W2222	W2223	Sidewalk Cross Slope	6	3.65	-0.05	-1.4%	0.5% to 2.0%				W2228	8896118.60	15554129.84	979.01
W2223	W2224	Sidewalk Running Slope	6	35.10	0.27	0.8%	0.5% to 5.0%				W2229	8896123.18	15554127.84	978.90
W2224	W2225	Ramp Running Slope	6	17.20	0.79	4.6%	0.5% to 8.3%				W2230	8896134.10	15554123.05	977.40
W2221	W2232	Sidewalk Running Slope	6	35.10	0.28	0.8%	0.5% to 5.0%				W2231	8896137.18	15554123.02	977.33
W2225	W2226	Ramp Running Slope	4	20.60	1.48	7.2%	0.5% to 8.3%				W2232	8896142.16	15554120.55	976.47
W2226	W2227	Landing/Turning Space	4	7.50	0.11	1.5%	0.1% to 2.0%				W2233	8896142.33	15554137.77	977.26
W2227	W2228	Landing/Turning Space	4	6.00	0.09	1.5%	0.1% to 2.0%				W2234	8896143.38	15554245.28	978.99
W2228	W2229	Landing/Turning Space	4	7.50	-0.11	-1.5%	0.1% to 2.0%				W2235	8896138.38	15554245.33	979.06
W2229	W2230	Ramp Running Slope	4	20.60	-1.50	-7.3%	0.5% to 8.3%				W2236	8896143.50	15554257.82	979.35
W2230	W2231	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2238	8896138.50	15554257.87	979.42
W2224	W2232	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2239	8896143.55	15554262.82	979.30
W2225	W2230	Landing/Turning Space	6	6.00	0.07	1.2%	0.1% to 2.0%				W2240	8896143.60	15554267.82	979.16
W2226	W2229	Landing/Turning Space	4	6.00	0.09	1.5%	0.1% to 2.0%				W2241	8896138.67	15554275.36	979.25
W2231	W2233	Landing/Turning Space	6	6.00	-0.07	-1.2%	0.1% to 2.0%				W2242	8896138.55	15554262.87	979.37
W2233	W2225	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W2243	8896138.60	15554267.87	979.25
W2232	W2233	Ramp Running Slope	6	17.20	0.79	4.6%	0.5% to 8.3%							
W2232	W2224	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%							
W2231	W2234	Sidewalk Running Slope	6	101.60	1.66	1.6%	0.5% to 5.0%							
W2230	W2235	Sidewalk Running Slope	6	101.70	1.66	1.6%	0.5% to 5.0%							





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### SIDEWALK COMPLIANCE

See 5 Sheets

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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant?	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
											FT	FT	%	Pos. or Neg.	Point	Northing	Easting
W2134 W2135	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%											
W2134 W2136	Sidewalk Running Slope	6	31.37	0.83	2.6%	0.5% to 5.0%											
W2135 W2137	Sidewalk Running Slope	6	31.37	0.83	2.6%	0.5% to 5.0%											
W2136 W2137	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%											
W2137 W2138	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%											
W2138 W2139	Ramp Running Slope	6	5.00	-0.15	-3.0%	0.5% to 8.3%											
W2136 W2141	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%											
W2139 W2140	Crosswalk Cross Slope - Yield Condition	6	7.41	0.06	0.8%	0.0% to 2.0%											
W2140 W2146	Ramp Running Slope	6	5.50	0.02	0.4%	0.5% to 8.3%											
W2146 W2139	Ramp Cross Slope	6	5.00	-0.08	-1.6%	0.1% to 2.0%	Yes										
W2146 W2141	Ramp Running Slope	6	4.90	0.14	2.9%	0.5% to 8.3%											
W2141 W2142	Sidewalk Running Slope	4	15.00	0.02	0.1%	0.5% to 5.0%											
W2136 W2143	Sidewalk Running Slope	4	15.00	-0.02	-0.1%	0.5% to 5.0%											
W2142 W2143	Sidewalk Cross Slope	4	4.66	0.03	0.6%	0.5% to 2.0%											
W2142 W2144	Sidewalk Running Slope	4	28.96	0.03	0.1%	0.5% to 5.0%											
W2143 W2145	Sidewalk Running Slope	4	28.99	-0.04	-0.1%	0.5% to 5.0%											
W2144 W2145	Match Existing Cross Slope	4	4.00	-0.04	-1.0%	Match Existing											
W2138 W2141	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%											
W2234 W2235	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%											
W2234 W2236	Sidewalk Running Slope	6	12.40	0.36	2.9%	0.5% to 5.0%											
W2235 W2238	Sidewalk Running Slope	6	12.53	0.36	2.9%	0.5% to 5.0%											
W2238 W2242	Landing/Turning Space	6	5.00	-0.05	-1.0%	0.1% to 2.0%											
W2236 W2238	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%											
W2236 W2239	Landing/Turning Space	6	5.00	-0.05	-1.0%	0.1% to 2.0%											
W2239 W2242	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%											
W2242 W2243	Ramp Running Slope	6	5.00	-0.12	-2.4%	0.5% to 8.3%											
W2243 W2240	Ramp Cross Slope	6	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes										
W2243 W2241	Ramp Running Slope	6	7.50	0.00	0.0%	0.5% to 8.3%											
W2240 W2241	Crosswalk Cross Slope - Yield Condition	6	9.00	0.09	1.0%	0.0% to 2.0%											
W2239 W2240	Ramp Running Slope	6	5.00	-0.14	-2.8%	0.5% to 8.3%											



### SIDEWALK COMPLIANCE

See S Sheets

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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W2300	W2301	Crosswalk Cross Slope - Yield Condition	6
W2300	W2299	Ramp Running Slope	6	4.70	0.11	2.3%	0.5% to 8.3%				W2300	8896203.85	15554314.79	979.92
W2299	W2301	Ramp Cross Slope	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2301	8896198.90	15554319.62	979.96
W2299	W2302	Ramp Running Slope	6	5.00	0.37	7.4%	0.5% to 8.3%	Yes			W2302	8896203.94	15554324.51	980.40
W2301	W2303	Ramp Running Slope	6	5.00	0.37	7.4%	0.5% to 8.3%	Yes			W2303	8896198.95	15554324.58	980.33
W2302	W2303	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2304	8896219.94	15554324.28	980.50
W2302	W2304	Sidewalk Running Slope	6	16.00	0.10	0.6%	0.5% to 5.0%				W2305	8896219.98	15554328.28	980.56
W2304	W2305	Match Existing Cross Slope	6	4.00	0.06	1.5%	Match Existing				W2306	8896207.17	15554328.46	981.04
W2307	W2308	Landing/Turning Space	6	2.00	-0.02	-1.0%	0.1% to 2.0%				W2307	8896206.17	15554328.48	980.48
W2305	W2307	Sidewalk Running Slope	6	13.81	-0.08	-0.6%	0.5% to 5.0%				W2308	8896203.98	15554328.51	980.46
W2307	W2310	Landing/Turning Space	6	6.00	0.00	0.0%	0.1% to 2.0%				W2309	8896207.27	15554334.48	981.04
W2302	W2308	Landing/Turning Space	6	4.00	0.06	1.5%	0.1% to 2.0%				W2310	8896206.27	15554334.51	980.48
W2303	W2312	Landing/Turning Space	6	10.12	0.06	0.6%	0.1% to 2.0%				W2311	8896204.04	15554334.57	980.46
W2310	W2312	Landing/Turning Space	6	7.23	-0.09	-1.2%	0.1% to 2.0%				W2312	8896199.05	15554334.70	980.39
W2311	W2312	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2313	8896204.67	15554398.79	981.36
W2311	W2313	Sidewalk Running Slope	6	64.23	0.90	1.4%	0.5% to 5.0%				W2314	8896199.67	15554398.89	981.29
W2312	W2314	Sidewalk Running Slope	6	64.20	0.90	1.4%	0.5% to 5.0%				W2315	8896205.04	15554436.29	981.72
W2313	W2314	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2316	8896200.04	15554436.32	981.65
W2313	W2315	Sidewalk Running Slope	6	37.48	0.36	1.0%	0.5% to 5.0%				W2317	8896205.33	15554465.85	982.06
W2314	W2316	Sidewalk Running Slope	6	37.43	0.36	1.0%	0.5% to 5.0%				W2318	8896200.33	15554465.90	982.02
W2315	W2316	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2319	8896205.54	15554487.53	982.72
W2315	W2317	Sidewalk Running Slope	6	29.60	0.34	1.1%	0.5% to 5.0%				W2320	8896200.54	15554487.58	982.79
W2316	W2318	Sidewalk Running Slope	6	29.60	0.37	1.3%	0.5% to 5.0%				W2321	8896205.59	15554492.53	982.79
W2317	W2318	Sidewalk Cross Slope	6	5.00	-0.04	-0.8%	0.5% to 2.0%				W2322	8896200.59	15554492.58	982.86
W2317	W2319	Sidewalk Running Slope	6	21.70	0.66	3.0%	0.5% to 5.0%				W2323	8896200.67	15554500.58	982.99
W2318	W2320	Sidewalk Running Slope	6	21.70	0.77	3.5%	0.5% to 5.0%				W2324	8896205.73	15554506.10	983.09
W2319	W2320	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%							
W2320	W2322	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%							
W2322	W2321	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%							
W2319	W2321	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%							
W2321	W2324	Ramp Running Slope	6	13.57	0.30	2.2%	0.5% to 8.3%							
W2322	W2323	Ramp Running Slope	6	8.00	0.13	1.6%	0.5% to 8.3%							
W2323	W2324	Crosswalk Cross Slope - Yield Condition	6	7.49	0.10	1.3%	0.0% to 2.0%							
W2400	W2401	Crosswalk Cross Slope - Yield Condition	6	9.47	-0.07	-0.7%	0.0% to 2.0%				W2399	8896139.49	15554330.04	980.22
W2400	W2399	Ramp Running Slope	6	8.00	0.02	0.2%	0.5% to 8.3%				W2400	8896139.42	15554322.00	980.20
W2399	W2401	Ramp Cross Slope	6	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes			W2401	8896144.49	15554330.00	980.13
W2399	W2402	Ramp Running Slope	6	6.00	0.34	5.7%	0.5% to 8.3%				W2402	8896139.54	15554336.04	980.56
W2401	W2403	Ramp Running Slope	6	6.00	0.36	6.0%	0.5% to 8.3%				W2403	8896144.54	15554336.00	980.49
W2402	W2403	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2404	8896139.59	15554341.04	980.61
W2403	W2405	Landing/Turning Space	6	5.00	0.07	1.4%	0.1% to 2.0%				W2405	8896144.59	15554341.00	980.56
W2405	W2404	Landing/Turning Space	6	5.00	0.05	1.0%	0.1% to 2.0%				W2406	8896140.16	15554409.07	981.41
W2402	W2404	Landing/Turning Space	6	5.00	0.05	1.0%	0.1% to 2.0%				W2407	8896145.16	15554409.03	981.34
W2405	W2407	Sidewalk Running Slope	6	68.03	0.78	1.1%	0.5% to 5.0%				W2408	8896140.55	15554454.07	982.10
W2404	W2406	Sidewalk Running Slope	6	68.03	0.80	1.2%	0.5% to 5.0%				W2409	8896145.55	15554454.03	982.03
W2406	W2407	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%				W2410	8896140.61	15554461.41	982.37
W2407	W2409	Sidewalk Running Slope	6	50.00	0.69	1.4%	0.5% to 5.0%				W2411	8896145.61	15554461.37	982.32
W2406	W2408	Sidewalk Running Slope	6	50.00	0.69	1.4%	0.5% to 5.0%				W2412	8896140.65	15554466.41	982.30
W2409	W2408	Sidewalk Cross Slope	6	5.00	0.07	1.4%	0.5% to 2.0%				W2413	8896145.65	15554466.37	982.27
W2409	W2411	Sidewalk Running Slope	6	7.30	0.29	4.0%	0.5% to 5.0%				W2414	8896140.82	15554485.88	982.39
W2408	W2410	Sidewalk Running Slope	6	7.30	0.27	3.7%	0.5% to 5.0%				W2415	8896145.71	15554472.91	982.24
W2411	W2410	Landing/Turning Space	6	5.00	0.05	1.0%	0.1% to 2.0%							
W2411	W2413	Landing/Turning Space	6	5.00	-0.05	-1.0%	0.1% to 2.0%							
W2410	W2412	Landing/Turning Space	6	5.00	-0.07	-1.4%	0.1% to 2.0%							
W2413	W2412	Landing/Turning Space	6	5.00	0.03	0.6%	0.1% to 2.0%							
W2413	W2415	Landing/Turning Space	6	6.50	-0.03	-0.5%	0.1% to 2.0%							
W2412	W2414	Landing/Turning Space	6	19.50	0.09	0.5%	0.1% to 2.0%							
W2414	W2415	Crosswalk Cross Slope - Yield Condition	6	13.86	-0.15	-1.1%	0.0% to 2.0%							



### SIDEWALK COMPLIANCE

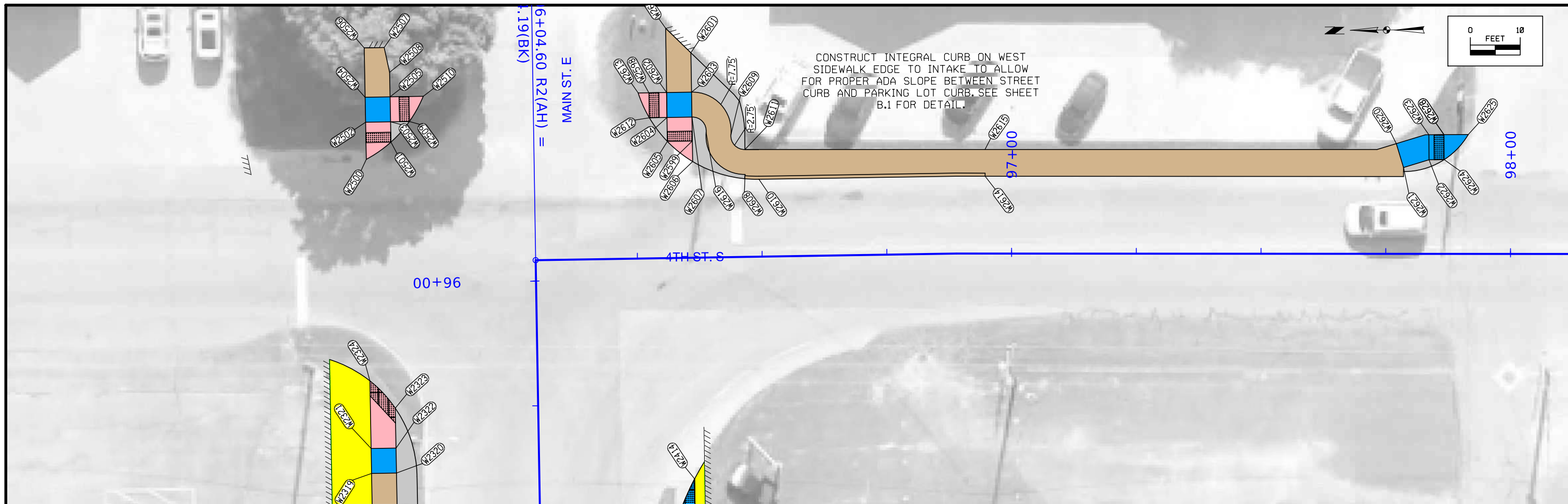
See S Sheets

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04-21-20

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- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2500	W2501	Crosswalk Cross Slope - Yield Condition	6	6.02	-0.09	-1.5%	0.0% to 2.0%				W2500	8896206.06	15554550.51	983.44
W2501	W2503	Ramp Running Slope	6	5.00	0.09	1.8%	0.5% to 8.3%				W2501	8896201.09	15554553.91	983.35
W2503	W2502	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W2502	8896206.14	15554557.96	983.51
W2500	W2502	Ramp Running Slope	6	8.35	0.07	0.8%	0.5% to 8.3%				W2503	8896201.14	15554558.00	983.44
W2502	W2504	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%				W2504	8896206.19	15554562.96	983.56
W2504	W2505	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W2505	8896201.19	15554563.00	983.49
W2503	W2505	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%				W2506	8896206.29	15554572.86	983.66
W2505	W2508	Sidewalk Running Slope	4	4.00	0.06	1.5%	0.5% to 5.0%				W2507	8896202.29	15554572.90	983.62
W2508	W2507	Sidewalk Running Slope	4	5.10	0.07	1.4%	0.5% to 5.0%				W2508	8896201.24	15554567.91	983.55
W2504	W2506	Sidewalk Running Slope	4	9.00	0.10	1.1%	0.5% to 5.0%				W2509	8896197.35	15554558.03	983.25
W2507	W2506	Match Existing Cross Slope	4	4.00	0.04	1.0%	Match Existing				W2510	8896194.54	15554563.05	983.18
W2503	W2509	Ramp Running Slope	6	3.80	-0.19	-5.0%	0.5% to 8.3%							
W2509	W2510	Crosswalk Cross Slope - Yield Condition	6	5.80	-0.07	-1.2%	0.0% to 2.0%							
W2510	W2505	Ramp Running Slope	6	6.65	0.31	4.7%	0.5% to 8.3%							
W2600	W2601	Match Existing Cross Slope	4	7.07	-0.17	-2.4%	Match Existing				W2598	8896143.32	15554563.37	983.27
W2600	W2602	Sidewalk Running Slope	4	12.90	-0.07	-0.5%	0.5% to 5.0%				W2599	8896140.69	15554553.61	983.09
W2601	W2603	Sidewalk Running Slope	4	7.90	0.03	0.4%	0.5% to 5.0%				W2600	8896145.84	15554576.27	983.58
W2602	W2604	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W2601	8896140.81	15554571.31	983.41
W2602	W2603	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W2602	8896145.75	15554563.39	983.51
W2604	W2605	Ramp Running Slope	6	4.80	-0.35	-7.3%	0.5% to 8.3%				W2603	8896140.75	15554563.43	983.44
W2605	W2606	Crosswalk Cross Slope - Yield Condition	6	6.47	-0.08	-1.2%	0.0% to 2.0%				W2604	8896145.72	15554557.58	983.44
W2603	W2607	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W2605	8896145.69	15554553.58	983.09
W2604	W2607	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				W2606	8896140.66	15554549.51	983.01
W2606	W2599	Ramp Running Slope	6	4.00	0.08	2.0%	0.5% to 8.3%				W2607	8896140.72	15554558.43	983.37
W2599	W2605	Ramp Cross Slope	6	5.00	0.00	0.0%	0.1% to 2.0%				W2608	8896130.17	15554546.82	983.04
W2607	W2599	Ramp Running Slope	6	4.80	-0.28	-5.8%	0.5% to 8.3%				W2609	8896132.94	15554554.84	983.16
W2602	W2598	Ramp Running Slope	6	3.56	-0.24	-6.7%	0.5% to 8.3%				W2610	8896127.41	15554545.83	982.99
W2598	W2612	Ramp Cross Slope	6	5.00	-0.08	-1.6%	0.1% to 2.0%	Yes			W2611	8896130.16	15554551.82	982.97
W2598	W2613	Ramp Running Slope	6	2.14	0.00	0.0%	0.5% to 8.3%				W2612	8896149.27	15554558.37	983.19





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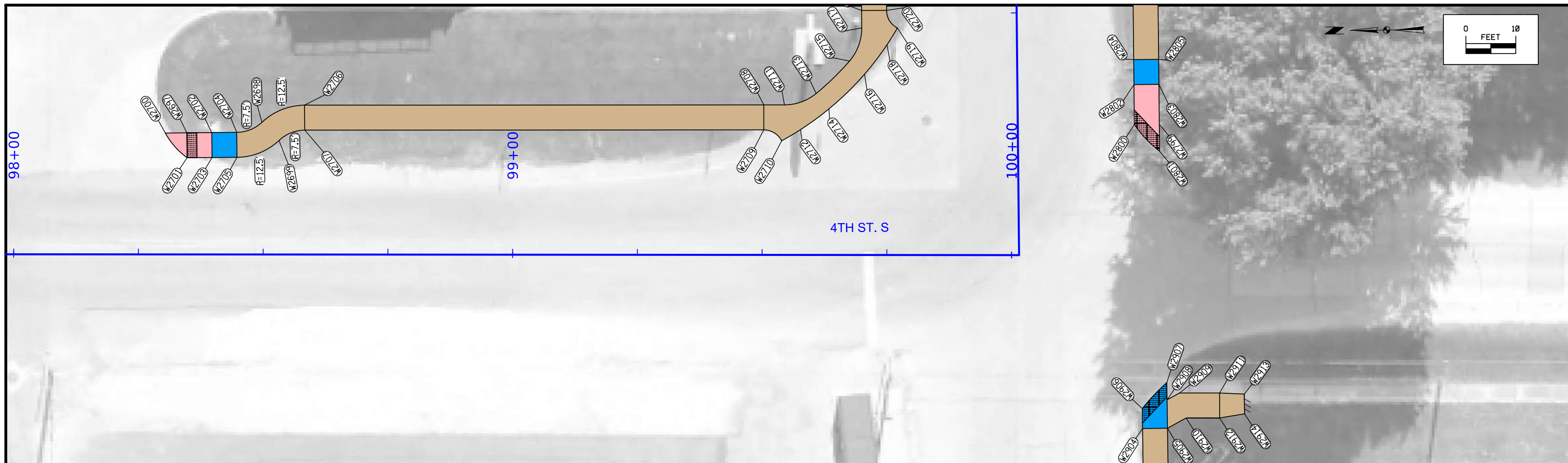
### SIDEWALK COMPLIANCE

See S Sheets

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- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2604 W2612	Ramp Running Slope	6	3.56	-0.25	-7.0%	0.5% to 8.3%					W2613	8896151.45	15554563.35	983.27
W2612 W2613	Crosswalk Cross Slope - Yield Condition	6	5.50	0.08	1.5%	0.0% to 2.0%					W2614	8896082.06	15554546.05	983.03
W2607 W2616	Sidewalk Running Slope	6	4.80	-0.14	-2.9%	0.5% to 5.0%					W2615	8896082.06	15554546.05	983.13
W2603 W2609	Sidewalk Running Slope	6	13.10	-0.28	-2.1%	0.5% to 5.0%					W2616	8896137.92	15554555.31	983.23
W2616 W2609	Sidewalk Cross Slope	6	5.00	-0.07	-1.4%	0.5% to 2.0%					W2620	8895999.60	15554551.88	983.80
W2616 W2608	Sidewalk Running Slope	6	13.00	-0.19	-1.5%	0.5% to 5.0%					W2621	8895998.19	15554547.08	983.89
W2608 W2610	Sidewalk Running Slope	6	2.90	-0.05	-1.7%	0.5% to 5.0%					W2622	8895993.06	15554548.59	983.83
W2609 W2611	Sidewalk Running Slope	6	4.60	-0.19	-4.1%	0.5% to 5.0%	Yes				W2623	8895993.06	15554553.59	983.84
W2608 W2611	Sidewalk Cross Slope	6	6.00	-0.07	-1.2%	0.5% to 2.0%					W2624	8895990.03	15554548.59	983.80
W2610 W2614	Sidewalk Running Slope	6	45.30	0.04	0.1%	0.5% to 5.0%					W2625	8895985.17	15554553.59	983.89
W2611 W2615	Sidewalk Running Slope	6	48.10	0.16	0.3%	0.5% to 5.0%					W2626	8895990.03	15554553.59	983.86
W2614 W2615	Sidewalk Cross Slope	6	5.37	0.10	1.9%	0.5% to 2.0%	Yes							
W2614 W2621	Sidewalk Running Slope	6	83.86	0.86	1.0%	0.5% to 5.0%								
W2615 W2620	Sidewalk Running Slope	6	82.63	0.67	0.8%	0.5% to 5.0%								
W2621 W2620	Landing/Turning Space	6	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes							
W2620 W2623	Landing/Turning Space	6	6.80	0.04	0.6%	0.1% to 2.0%								
W2623 W2622	Landing/Turning Space	6	5.00	-0.01	-0.2%	0.1% to 2.0%								
W2622 W2621	Landing/Turning Space	6	5.30	0.06	1.1%	0.1% to 2.0%								
W2622 W2624	Landing/Turning Space	6	3.00	-0.03	-1.0%	0.1% to 2.0%								
W2623 W2626	Landing/Turning Space	6	3.00	0.02	0.7%	0.1% to 2.0%								
W2626 W2624	Landing/Turning Space	6	5.00	-0.06	-1.2%	0.1% to 2.0%								
W2626 W2625	Landing/Turning Space	6	4.90	0.03	0.6%	0.1% to 2.0%								
W2624 W2625	Crosswalk Cross Slope - Yield Condition	6	7.00	0.09	1.3%	0.0% to 2.0%								





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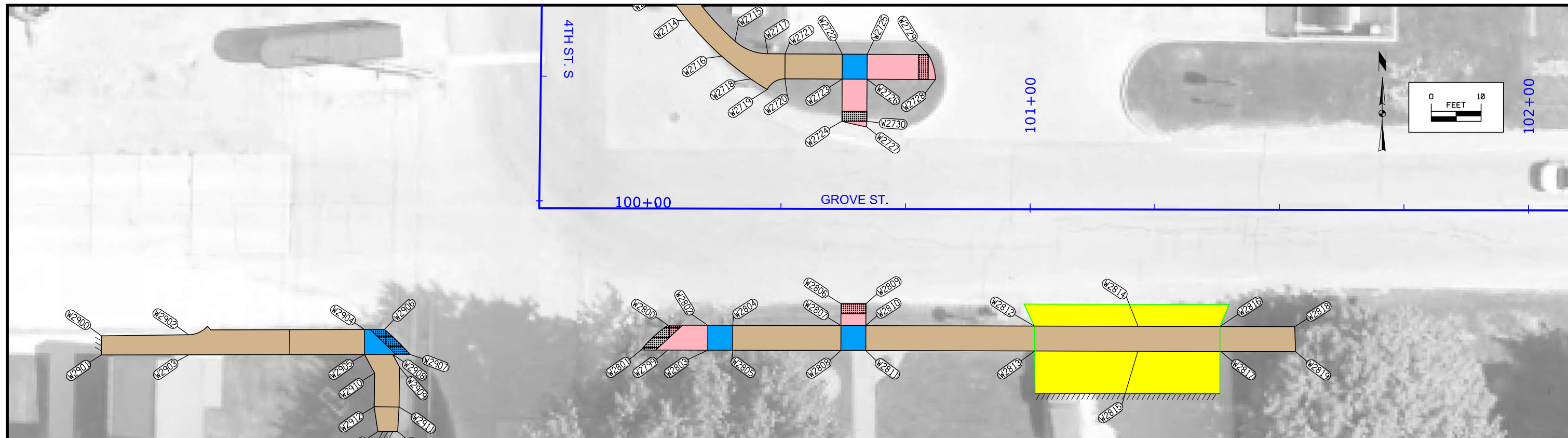
### SIDEWALK COMPLIANCE

See 5 Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
W2700 W2701	Crosswalk Cross Slope - Yield Condition	6	6.66	-0.04	-0.6%	0.0% to 2.0%					W2697	8895941.99	15554553.59	984.36
W2701 W2703	Ramp Running Slope	6	5.00	0.39	7.8%	0.5% to 8.3%	Yes				W2698	8895926.93	15554555.56	984.97
W2700 W2697	Ramp Running Slope	6	4.30	0.03	0.7%	0.5% to 8.3%					W2699	8895923.54	15554551.89	984.97
W2697 W2701	Ramp Cross Slope	6	5.00	-0.07	-1.4%	0.1% to 2.0%					W2700	8895946.31	15554553.59	984.33
W2697 W2702	Ramp Running Slope	6	5.00	0.39	7.8%	0.5% to 8.3%	Yes				W2701	8895941.99	15554548.59	984.29
W2702 W2703	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2702	8895936.99	15554553.59	984.75
W2703 W2705	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2703	8895936.99	15554548.59	984.68
W2702 W2704	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2704	8895931.99	15554553.59	984.82
W2704 W2705	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2705	8895931.99	15554548.59	984.75
W2705 W2699	Sidewalk Running Slope	4	9.30	0.22	2.4%	0.5% to 5.0%					W2706	8895918.37	15554558.91	985.17
W2704 W2698	Sidewalk Running Slope	4	5.55	0.15	2.7%	0.5% to 5.0%					W2707	8895918.37	15554553.91	985.10
W2699 W2698	Sidewalk Cross Slope	4	5.00	0.00	0.0%	0.5% to 2.0%					W2708	8895826.30	15554558.17	986.22
W2699 W2707	Sidewalk Running Slope	4	5.70	0.13	2.3%	0.5% to 5.0%					W2709	8895826.34	15554553.17	986.15
W2698 W2706	Sidewalk Running Slope	4	9.40	0.20	2.1%	0.5% to 5.0%					W2710	8895822.79	15554550.95	986.09
W2707 W2706	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W2711	8895822.16	15554558.14	986.24
W2706 W2708	Sidewalk Running Slope	4	92.00	1.05	1.1%	0.5% to 5.0%					W2712	8895819.01	15554553.14	986.15
W2707 W2709	Sidewalk Running Slope	4	92.00	1.05	1.1%	0.5% to 5.0%					W2713	8895815.79	15554560.37	986.31
W2709 W2708	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W2714	8895813.27	15554557.26	986.25
W2709 W2710	Sidewalk Running Slope	8	4.19	-0.06	-1.4%	0.5% to 5.0%					W2715	8895809.05	15554566.82	986.56
W2708 W2711	Sidewalk Running Slope	8	4.14	0.02	0.5%	0.5% to 5.0%					W2716	8895806.05	15554564.17	986.50
W2710 W2712	Sidewalk Running Slope	8	4.37	0.06	1.4%	0.5% to 5.0%					W2717	8895806.55	15554573.43	986.81
W2712 W2714	Sidewalk Running Slope	8	7.06	0.10	1.4%	0.5% to 5.0%					W2718	8895801.52	15554569.99	986.72
W2712 W2711	Sidewalk Cross Slope	8	5.91	0.09	1.5%	0.5% to 2.0%					W2719	8895799.40	15554573.33	986.84
W2711 W2713	Sidewalk Running Slope	8	6.75	0.07	1.0%	0.5% to 5.0%					W2720	8895801.54	15554576.89	986.90
W2714 W2713	Sidewalk Cross Slope	8	4.00	0.06	1.5%	0.5% to 2.0%					W2721	8895806.54	15554576.89	986.97
W2713 W2715	Sidewalk Running Slope	8	9.33	0.25	2.7%	0.5% to 5.0%					W2722	8895806.53	15554588.35	987.16
W2714 W2716	Sidewalk Running Slope	8	10.00	0.25	2.5%	0.5% to 5.0%					W2723	8895801.53	15554588.35	987.09
W2715 W2716	Sidewalk Cross Slope	8	4.00	-0.06	-1.5%	0.5% to 2.0%					W2724	8895793.08	15554588.34	986.47
W2716 W2718	Sidewalk Running Slope	8	7.37	0.22	3.0%	0.5% to 5.0%					W2725	8895806.53	15554593.35	987.23
W2715 W2717	Sidewalk Running Slope	8	7.07	0.25	3.5%	0.5% to 5.0%					W2726	8895801.53	15554593.35	987.16
W2717 W2718	Sidewalk Cross Slope	8	6.09	-0.09	-1.5%	0.5% to 2.0%					W2727	8895791.97	15554593.34	986.56
W2718 W2719	Sidewalk Running Slope	8	3.96	0.12	3.0%	0.5% to 5.0%					W2728	8895801.51	15554607.08	987.05
W2719 W2720	Sidewalk Running Slope	8	4.16	0.06	1.4%	0.5% to 5.0%					W2729	8895806.52	15554605.62	987.12





### SIDEWALK COMPLIANCE

See S Sheets

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- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? ①	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
											FT	FT	%	Pos. or Neg.	Point
W2720	W2721	Sidewalk Cross Slope	8	5.00	0.07	1.4%						W2730	8895793.08	15554593.34	986.56
W2717	W2721	Sidewalk Running Slope	8	3.46	0.16	4.6%	Yes								
W2720	W2723	Sidewalk Running Slope	4	11.50	0.19	1.7%									
W2721	W2722	Sidewalk Running Slope	4	11.50	0.19	1.7%									
W2722	W2725	Landing/Turning Space	4	5.00	0.07	1.4%									
W2722	W2723	Landing/Turning Space	4	5.00	-0.07	-1.4%									
W2723	W2724	Ramp Running Slope	6	8.45	-0.62	-7.3%									
W2724	W2727	Crosswalk Cross Slope - Yield Condition	6	5.12	0.09	1.8%									
W2723	W2726	Landing/Turning Space	4	5.00	0.07	1.4%									
W2727	W2730	Ramp Running Slope	6	1.10	0.00	0.0%									
W2730	W2724	Ramp Cross Slope	6	5.00	-0.09	-1.8%	Yes								
W2726	W2730	Ramp Running Slope	6	8.45	-0.60	-7.1%									
W2725	W2726	Landing/Turning Space	4	5.00	-0.07	-1.4%	Yes								
W2725	W2729	Ramp Running Slope	6	12.27	-0.11	-0.9%									
W2726	W2728	Ramp Running Slope	6	13.70	-0.11	-0.8%									
W2728	W2729	Crosswalk Cross Slope - Yield Condition	6	5.21	0.07	1.3%									
W2900	W2901	Match Existing Cross Slope	4	3.85	-0.05	-1.3%						W2900	8895749.49	15554439.93	986.30
W2900	W2902	Sidewalk Running Slope	4	17.50	0.12	0.7%						W2901	8895745.65	15554439.93	986.25
W2901	W2903	Sidewalk Running Slope	4	17.50	0.24	1.4%						W2902	8895749.78	15554457.43	986.42
W2903	W2902	Sidewalk Cross Slope	4	4.00	-0.07	-1.8%	Yes					W2903	8895745.81	15554457.43	986.49
W2902	W2904	Sidewalk Running Slope	4	35.30	-0.10	-0.3%						W2904	8895750.96	15554492.71	986.32
W2903	W2905	Sidewalk Running Slope	4	35.30	-0.08	-0.2%						W2905	8895745.97	15554492.74	986.41
W2904	W2906	Landing/Turning Space	6	4.00	-0.07	-1.8%	Yes					W2906	8895750.98	15554496.71	986.25
W2904	W2905	Landing/Turning Space	4	4.96	0.09	1.8%						W2907	8895746.01	15554501.87	986.30
W2905	W2908	Landing/Turning Space	6	5.67	-0.07	-1.2%						W2908	8895745.99	15554498.41	986.34
W2906	W2907	Crosswalk Cross Slope - Yield Condition	6	7.16	0.05	0.7%						W2909	8895743.47	15554499.77	986.29
W2908	W2907	Landing/Turning Space	6	3.50	-0.04	-1.1%	Yes					W2910	8895742.23	15554494.76	986.32
W2905	W2910	Sidewalk Running Slope	4	4.27	-0.09	-2.1%						W2911	8895735.45	15554499.70	986.16
W2908	W2909	Sidewalk Running Slope	4	2.88	-0.05	-1.7%						W2912	8895735.49	15554494.70	986.17
W2910	W2909	Sidewalk Cross Slope	4	5.16	-0.03	-0.6%						W2913	8895730.52	15554499.44	986.08
W2910	W2912	Sidewalk Running Slope	4	6.74	-0.15	-2.2%						W2914	8895730.49	15554495.49	986.06
W2909	W2911	Sidewalk Running Slope	4	8.02	-0.13	-1.6%									
W2912	W2911	Sidewalk Cross Slope	4	5.00	-0.01	-0.2%									
W2912	W2914	Sidewalk Running Slope	4	5.06	-0.11	-2.2%									
W2914	W2913	Match Existing Cross Slope	4	3.95	0.02	0.5%									
W2911	W2913	Sidewalk Running Slope	4	5.00	-0.08	-1.6%									

**SIDEWALK COMPLIANCE**

See S Sheets

- \* Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
											W2800	W2801	Crosswalk Cross Slope - Yield Condition	6
W2800	W2802	Ramp Running Slope	6	7.00	0.54	7.7%	0.5% to 8.3%				W2800	8895752.07	15554553.59	986.54
W2801	W2799	Ramp Running Slope	6	5.40	0.00	0.0%	0.5% to 8.3%				W2801	8895747.06	15554548.21	986.61
W2799	W2800	Ramp Cross Slope	6	5.00	-0.07	-1.4%	0.1% to 2.0%				W2802	8895752.08	15554560.59	987.08
W2799	W2803	Ramp Running Slope	6	8.00	0.54	6.7%	0.5% to 8.3%				W2803	8895747.08	15554560.60	987.15
W2802	W2803	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W2804	8895752.09	15554565.59	987.15
W2802	W2804	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W2805	8895747.09	15554565.60	987.22
W2803	W2805	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%	Yes			W2806	8895756.51	15554588.30	986.68
W2804	W2805	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%	Yes			W2807	8895752.12	15554588.30	986.99
W2804	W2807	Sidewalk Running Slope	4	22.71	-0.16	-0.7%	0.5% to 5.0%				W2808	8895747.12	15554588.29	987.06
W2805	W2808	Sidewalk Running Slope	4	22.69	-0.16	-0.7%	0.5% to 5.0%				W2809	8895756.51	15554593.30	986.71
W2807	W2808	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				W2810	8895752.13	15554593.30	987.00
W2807	W2806	Ramp Running Slope	6	4.39	-0.31	-7.1%	0.5% to 8.3%				W2811	8895747.13	15554593.29	987.05
W2806	W2809	Crosswalk Cross Slope - Yield Condition	6	5.00	0.03	0.6%	0.0% to 2.0%				W2812	8895752.16	15554627.11	986.92
W2809	W2810	Ramp Running Slope	6	4.39	0.29	6.6%	0.5% to 8.3%				W2813	8895747.18	15554627.19	986.95
W2807	W2810	Landing/Turning Space	4	5.00	0.01	0.2%	0.1% to 2.0%				W2814	8895752.21	15554647.88	987.01
W2808	W2811	Landing/Turning Space	4	5.00	-0.01	-0.2%	0.1% to 2.0%				W2815	8895747.21	15554647.89	987.01
W2810	W2811	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%				W2816	8895752.23	15554664.34	987.10
W2810	W2812	Sidewalk Running Slope	4	33.82	-0.08	-0.2%	0.5% to 5.0%				W2817	8895747.23	15554664.52	987.07
W2811	W2813	Sidewalk Running Slope	4	33.89	-0.10	-0.3%	0.5% to 5.0%				W2818	8895752.25	15554679.35	987.37
W2812	W2813	Sidewalk Cross Slope	4	5.00	0.03	0.6%	0.5% to 2.0%				W2819	8895747.25	15554679.53	987.39
W2812	W2814	Sidewalk Running Slope	6	20.80	0.09	0.4%	0.5% to 5.0%							
W2813	W2815	Sidewalk Running Slope	6	20.71	0.06	0.3%	0.5% to 5.0%							
W2814	W2815	Sidewalk Cross Slope	6	5.00	0.00	0.0%	0.5% to 2.0%							
W2814	W2816	Sidewalk Running Slope	6	16.46	0.09	0.5%	0.5% to 5.0%							
W2815	W2817	Sidewalk Running Slope	6	16.63	0.06	0.4%	0.5% to 5.0%							
W2816	W2817	Sidewalk Cross Slope	4	5.00	-0.03	-0.6%	0.5% to 2.0%							
W2816	W2818	Sidewalk Running Slope	4	15.00	0.27	1.8%	0.5% to 5.0%							
W2817	W2819	Sidewalk Running Slope	4	15.00	0.32	2.1%	0.5% to 5.0%							
W2818	W2819	Match Existing Cross Slope	4	5.00	0.02	0.4%	Match Existing							