HMA RESURFACING WITH MILLING
STP-U-2905(601)--70-07

LETTING DATE
July 21, 2026

CITY OF GILBERTVILLE

IOWA | DOT

REVISIONS

	TOTAL
	73
PROJECT IDENTIFICATION NUMBER	
07-2905-601	
PROJECT NUMBER	
STP-U-2905(601)--70-07	
R.O.W. PROJECT NUMBER	
-	
-	
-	

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A.2	Location Map Sheet
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B.1	Typical Cross Sections and Details
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PLANS OF PROPOSED IMPROVEMENT ON THE

URBAN ROAD SYSTEM
CITY OF GILBERTVILLE
HMA RESURFACING WITH MILLING

In the City of Gilbertville, on 14th Ave. From CR Bridge
E 0.1 mi to 5th St, on 5th St from 14th Ave
N 0.3 mi to 21st Ave

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.13 of the Specifications.

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1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

MILEAGE SUMMARY

105-1
09-27-94

Div.	Location	Lin. Ft.	Miles
I	5TH STREET		
	STA. 103+01.00 TO STA. 121+55.64	1854.64	0.35
	14TH AVE.		
	STA. 200+08.82 TO STA. 208+00.00	791.18	0.15
	TOTAL LENGTH OF PROJECT	2645.80	0.50

For Project Location Map, Refer to Sheet A.2

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	Anthony Hemann	Primary Signature Block

LICENSED PROFESSIONAL ENGINEER
ANTHONY HEMANN
27452
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.

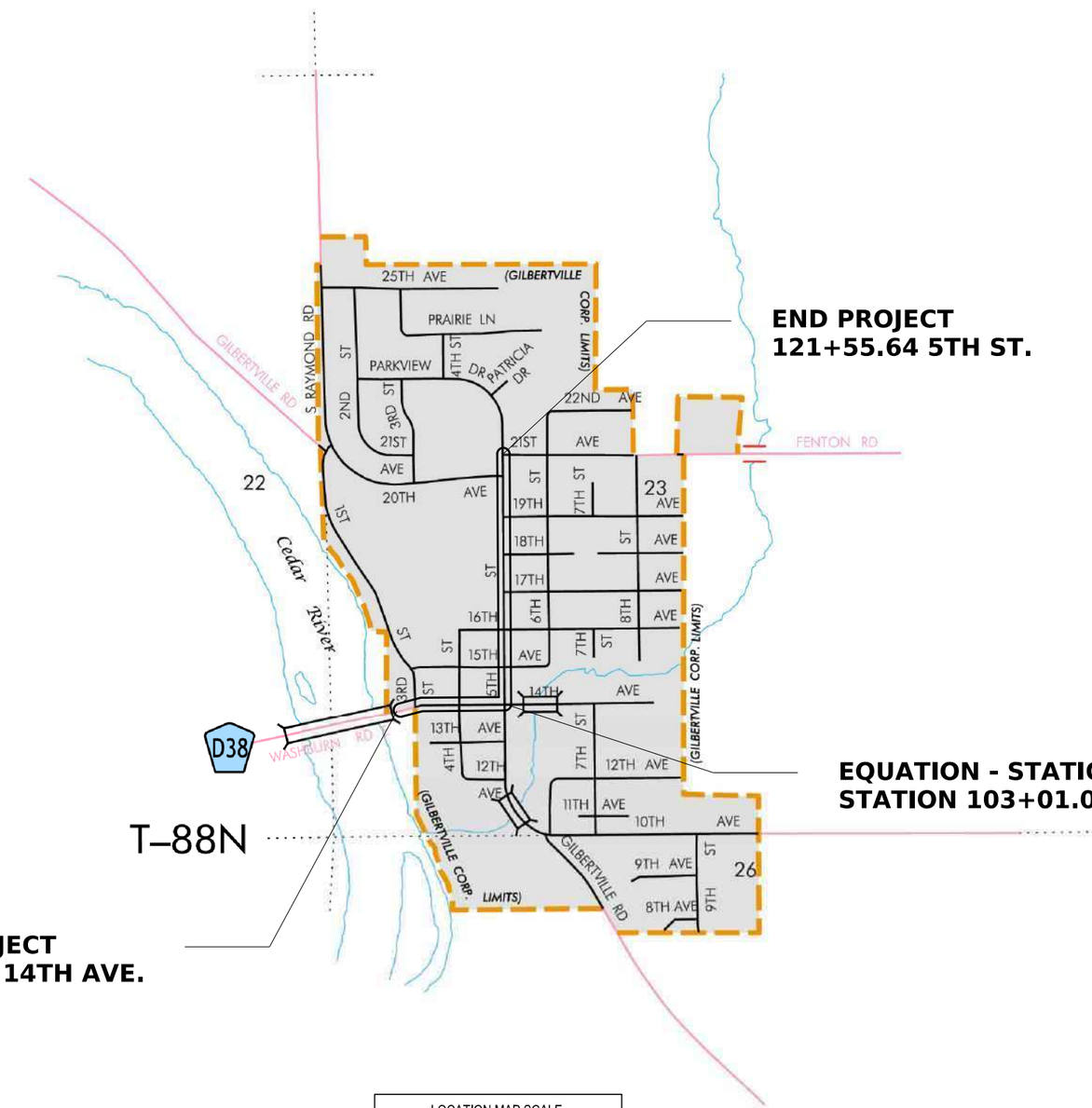
Signature — Date: 04-21-26
ANTHONY HEMANN
Printed or Typed Name

My license renewal date is December 31, 2027

Pages or sheets covered by this seal: ALL SHEETS

FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER A.1

R–12W

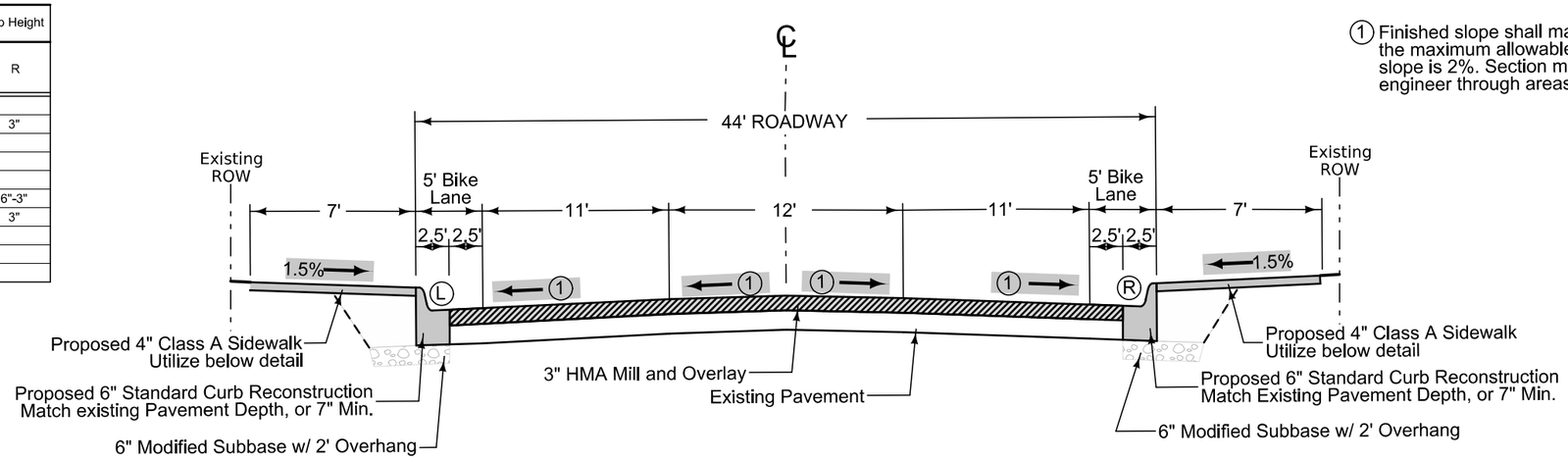


FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER A.2

2:50:47 PM 4/20/2026 anthony.hemanpw:\\aecom-na-pw.bentley.com:AECOM_USA_Iowa\Documents\60761206-Gilbertville 5th St Overlay\900-CAD GIS\CADD_Files\Sheet_Files\A01_5thSt.dgn

5TH STREET TYPICAL SECTION 44' B-B SECTION

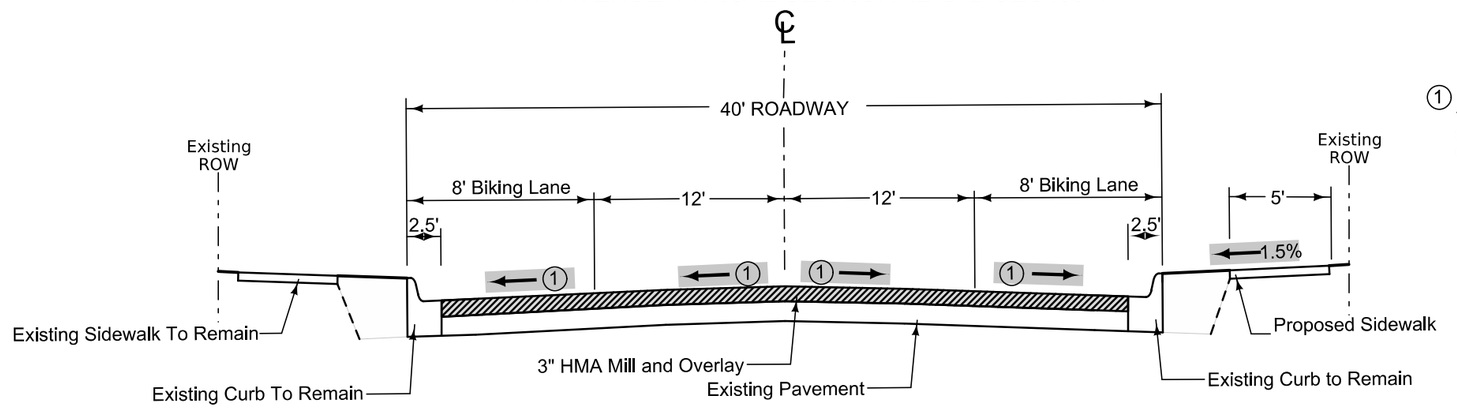
Standard Curb Height			
BEGIN STATION	END STATION	L	R
103+81.57	104+08.57	0.5"-6"	
103+53.44	104+16.85		3"
104+46.22	104+79.65	4"	
104+79.65	105+53.70	4"-6"	
110+03.46	110+26.28	3"	
117+15.91	117+28.20		6"-3"
107+28.20	107+82.64		3"
114+12.69	114+42.66	3"	
114+42.66	114+49.70	3"-6"	
117+23.05	117+31.95	1.5"	



① Finished slope shall match existing pavement except that the maximum allowable slope is 3%, minimum allowable slope is 2%. Section may be modified as directed by the engineer through areas of special shaping.

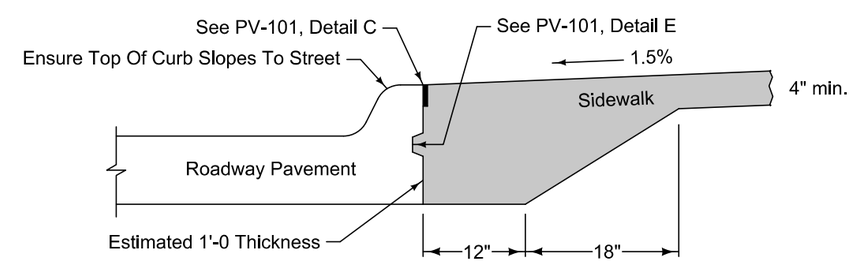
Standard Curb with 7' Sidewalk	
BEGIN STATION	END STATION
103+00.99	121+55.64

14TH AVENUE TYPICAL SECTION 42' B-B SECTION

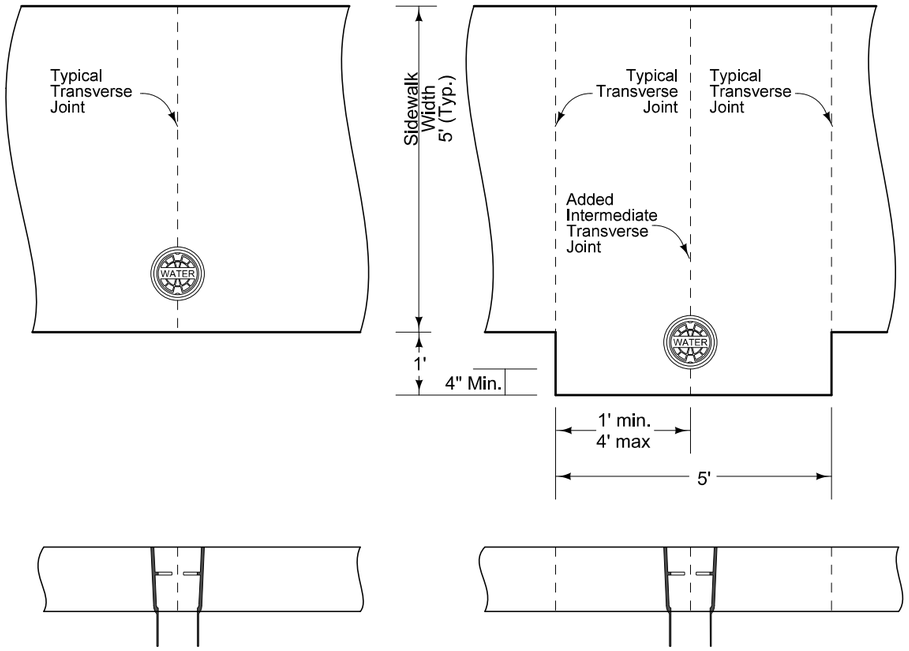


① Finished slope shall match existing pavement except that the maximum allowable slope is 3%, minimum allowable slope is 2%. Section may be modified as directed by the engineer through areas of special shaping.

Standard Curb with 5' Sidewalk	
BEGIN STATION	END STATION
200+10.03	207+99.96

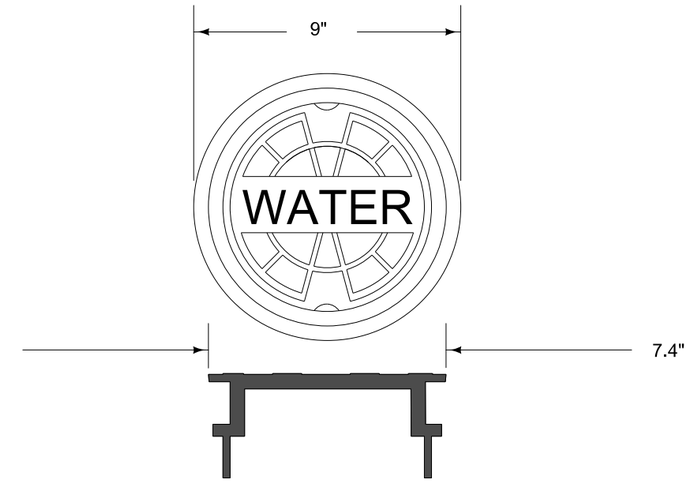


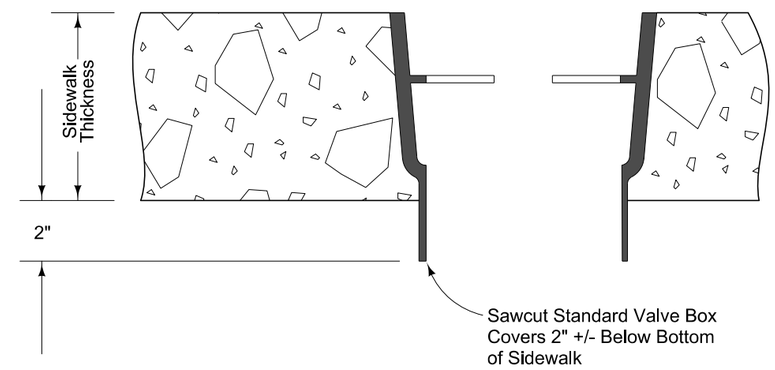
CLASS A SIDEWALK DETAIL



CASE 1

CASE 2





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

FILE NO. -	ENGLISH	DESIGN TEAM **AECOM**	**CITY OF GILBERTVILLE** COUNTY	PROJECT NUMBER **STP-U-2905(601)--70-07**	SHEET NUMBER **B.2**

100_01D
8/15/22

PROJECT DESCRIPTION

HMA Overlay and PCC Sidewalk in the city of Gilbertville, on 14th Avenue from Cedar River Bridge East 0.1 Miles to 5th Street.

On 5th Street from 14th Avenue North 0.3 Miles to 21st Avenue.

100-1C
04-17-12

ESTIMATED PROJECT QUANTITIES
(UP TO A 5 DIVISION PROJECT)

Division 1: STBG
Division 2: TASA
Division 3: LOCAL

Item No.	Item Code	Item	Unit	Quantities										
				Estimated						As Built				
				Division 1	Division 2	Division 3	Division 4	Division 5	Total	Division 1	Division 2	Division 3	Division 4	Division 5
1	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY		500.0				500.0					
2	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY		100.0				100.0					
3	2115-0100000	MODIFIED SUBBASE	CY	330.0					330.0					
4	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	0.50					0.50					
5	2212-5075001	HOT MIX ASPHALT SURFACE PATCHES	TON	25.0					25.0					
6	2214-5145150	PAVEMENT SCARIFICATION, NOMINAL THICKNESS	SY	11770.0		330.0			12100.0					
7	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	920.0	100.0	30.0			1050.0					
8	2303-1033504	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	TON	920.0	100.0	30.0			1050.0					
9	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	110.0	12.0	4.0			126.0					
10	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1.00					1.00					
11	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	70.0					70.0					
12	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	13					13					
13	2511-6745900	REMOVAL OF SIDEWALK	SY		1315.7	29.6			1345.3					
14	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY		1943.0	45.0			1988.0					
15	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY		334.7	7.0			341.7					
16	2511-7528101	DETECTABLE WARNINGS	SF		590	10			600					
17	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	3470.0		100.0			3570.0					
18	2512-1750006	CURB AND GUTTER, P.C. CONCRETE, AS PER PLAN	LF	195.0					195.0					
19	2514-0000200	REMOVAL OF CURB	STA	36.70		1.00			37.70					
20	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	603.7		15.8			619.5					
21	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	397.0		16.0			413.0					
22	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY		10.7				10.7					
23	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH		48				48					
24	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF		500.0				500.0					
25	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	EACH		28				28					
26	2524-9276027	PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY	EACH		20				20					
27	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF		5				5					
28	2525-0000100	TRAFFIC SIGNALIZATION	LS		1.00				1.00					
29	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	27	58				85					
30	2527-9263209	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	160.90	45.60	2.80			209.30					
31	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	97.30	45.60	1.40			144.30					
32	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	27	58				85					
33	2528-8445110	TRAFFIC CONTROL	LS	0.60	0.40				1.00					
34	2528-8445113	FLAGGERS	EACH	See Proposal										
35	2528-8445115	PILOT CARS	EACH	See Proposal										
36	2533-4980005	MOBILIZATION	LS	0.60	0.40				1.00					
37	2554-0205650	WATER SERVICE CURB STOP, COVER ONLY	EACH		20				20					
38	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF		375.0				375.0					
39	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF		375.0				375.0					
40	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	118.0					118.0					
41	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	40					40					
42	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	20					20					
43	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG	EACH	5					5					
44	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	10					10					
45	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	5					5					

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW
		Existing topsoil is included in this item to be replaced with Contractor furnished, off-site topsoil.
-	-	-
2	2105-8425005	TOPSOIL, FURNISH AND SPREAD
		Topsoil material shall follow the requirements listed in Article 4170.09, A. Furnish and spread topsoil
		at the discretion of the Engineer.
-	-	-
3	2115-0100000	MODIFIED SUBBASE
		See Typical Section in B-Sheet for location and details. Modified subbase shall be six-inch thick
		underneath all proposed curb and gutter, including 2.0' behind the curb unit.
-	-	-
4	2212-0475095	CLEANING AND PREPARATION OF BASE
		Item is for cleaning and preparation of base section prior to paving. This bid item includes 0.5 miles
		of two lane roadway with parking lanes on both sides. See B-Sheets for typical sections.
-	-	-
5	2212-5075001	HOT MIX ASPHALT SURFACE PATCHES
-	-	-
6	2214-5145150	PAVEMENT SCARIFICATION, NOMINAL THICKNESS
		Refer to Tabulations 110-25 and 110-13.
-	-	-
7-8	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX
	2303-1033504	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4
		Refer to typicals in the B-Sheets and tabulation 100-25 for details. Quantity includes 5% for
		irregularities.
-	-	-
9	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC
		Refer to typicals in the B-Sheets and tabulation 100-25 for details. This quantity is estimated at a
		rate of 6% of the HMA items.
-	-	-
10	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES
-	-	-
11	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE
		Item is for shaping at drives where PCC is meeting existing grannular drives. See Tabulation 102-3
-	-	-
12	2435-0600010	MANHOLE ADJUSTMENT, MINOR
		Refer to Tab 104-10 and the D-Sheets for locations.
-	-	-
13	2511-6745900	REMOVAL OF SIDEWALK
		Item is for the removal of concrete sidewalk for the construction of the curb ramps and sidewalks.
		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
		tabulation 110-5 and D-Sheets for locations. See traffic control plan for pedestrian staging and
		closings.
-	-	-
14-15	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.
	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.
		See Tabulation 113-1 and S-Sheets for locations and details. Certified Plant Inspection (Section 2521 of
		the Specifications) is required for these items. Also see typical sections in the B-Sheets. Use Class 3
		durability aggregate. See traffic control plan for pedestrian staging or closings. Minimum sidewalk
		width is 4 feet.
-	-	-
16	2511-7528101	DETECTABLE WARNINGS
		Cast iron detectable warnings are required in all areas.
-	-	-
17-18	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.
	2512-1750006	CURB AND GUTTER, P.C. CONCRETE, AS PER PLAN
		Refer to Tabulation 112-4 for locations and details. The curb and gutter shall match the existing
		pavement thickness. Construct curb drops for sidewalk per PV-102. Gutter tie-in joint may be extended
		to reach existing joints. Items include additional gutter width as shown in the D-Sheets and listed in
		the tabulation.
-	-	-
19	2514-0000200	REMOVAL OF CURB
		Refer to Tabulation 110-4 for locations. All full depth saw cuts and proper disposal of pavement shall
		be included in this item.
-	-	-
20	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.
		See Tabulation 102-3 for locations and details. Certified Plant Inspection (Section 2521 of the
		Specifications) is required for this item. Also see S-Sheets for additional information. Maturity meter
		testing is also required for PCC driveways. Use Class 3 durability aggregate.
-	-	-
21	2515-6745600	REMOVAL OF PAVED DRIVEWAY
		See Tabulation 110-8 and the D-Sheets for locations and details. Item includes full depth saw cut and
		proper disposal of pavement. Contractor shall coordinate with property owners 72 hours in advance of
		driveway closures.
-	-	-
22	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL
		Refer to Tabulation 118-16 for locations and details. Certified Plant Inspection (Section 2521 of the
		Specifications) is required for this item.
-	-	-

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
23	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN
		See Tabulation 190-61. The Contractor shall remove each sign and all hardware and posts used to secure
		the signs. Signs shall be stored in a safe location and reinstalled in the designated locations
		following construction. Signs damanged by the Contractor's activities shall be replaced at the
		Contractor's expense. Replacement materials shall be new.
		METHOD OF MEASUREMENT: The Engineer will count each sign removed and reinstalled.
		BASIS OF PAYMENT: For each sign removed and reinstalled, the Contractor shall be paid the contract unit
		price.
-	-	-
24-27	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS
	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION
	2524-9276027	PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY
	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM
		See Tabulation 190-51 for locations and details. All signs and sign retroreflective sign sheets shall
		meet the requirements of the 11th Edition of MUTCD.
-	-	-
28	2525-0000100	TRAFFIC SIGNALIZATION
		Price bid for this item shall include all labor, tools, material, and equipment to install RRFB as shown
		in the N-Sheets, including signage.
-	-	-
29-30	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED
	2527-9263209	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED
		Refer to tabulation 108-22 in the C-Sheets for details and locations.
-	-	-
31-32	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS
	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS
		All pavement markings and symbols are to be grooved prior to paint application.
-	-	-
33	2528-8445110	TRAFFIC CONTROL
		Refer to tabulation 108-23A on sheet J.1 for details. The Contractor is responsible for coordination
		with property owners for driveway closures, post office for mail delivery, and City of Gilbertville
		garbage pick up during paving operations. 72 hour advance notice to these entities is required prior to
		paving.
-	-	-
34	2528-8445113	FLAGGERS
		See Proposal.
-	-	-
35	2528-8445115	PILOT CARS
		See Proposal.
-	-	-
36	2533-4980005	MOBILIZATION
		Since the area to be seeded is estimated to be less than 1 acre, preparing the seedbed, furnishing and
		applying seed, fertilizer, and mulch are incidental to mobilization and will not be paid for separately.
-	-	-
37	2554-0205650	WATER SERVICE CURB STOP, COVER ONLY
		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 furnish and installed.
-	-	-
38	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.
		Refer to Tabulation 100-19. Verifiy locations with Engineer prior to placement. Bid item includes 25%
		additional quantity for field adjustments and replacements. Use devices fabricated using wood excelsior.
-	-	-
39	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE
		All material removed shall become property of the Contractor. Sediment buildup or ridges caused by the
		devices are to be leveled prior to seeding operations.
-	-	-
40-42	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602
	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER
	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER
		Refer to Tabulation 100-36 and the RR-Sheets for locations. See EC-602 for details. All material removed
		shall become property of the Contractor
-	-	-
43-45	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG
	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG
	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG
		Refer to Tabulation 100-37 and the RR-Sheets for locations. See IDOT 570-7 for details. All material
		removed shall become property of the Contractor.
		METHOD OF MEASUREMENT: The Engineer will count each grate intake sediment filter bag installed,
		maintained, and removed.
		BASIS OF PAYMENT: Each. Payment is full compensation for furnishing all equipment, labor, and materials
		required to install, clean out and dispose of material, repair, and remove as shown.
-	-	-

111_25
4/21/26

INDEX OF TABULATIONS

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18.0	100_19	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	C.5
19.0	108_29	PAVEMENT MARKING SYMBOLS AND LEGENDS	C.9
20.0	102_16	NOTCHES AND RUNOUTS FOR RESURFACING	C.12
20.0	108_16	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	C.8
21.0	102_03	ACCESS POINTS AND SAFETY RAMPS	C.13
22.0	100_25	HMA PAVEMENT	C.8
23.0	100_04A	ESTIMATE REFERENCE INFORMATION	C.2
24.0	100_01C	ESTIMATED PROJECT QUANTITIES	C.1

105_04
4/21/26

STANDARDS

The following Standards apply to construction work on this project.

Number	Date	Title
EC-204	10-19-21	Perimeter, Slope and Ditch Check Sediment Control Devices
EC-602	10-15-24	Open-Throat Curb Intake Sediment Filter
MI-210	10-21-25	PCC Driveways and Alleys
MI-220	04-15-25	Detectable Warnings and Pedestrian Ramp
PM-110	10-15-24	Line Types
PM-111	04-21-20	Symbols and Legends
PM-115	04-15-25	Grooving for Line Types
PM-120	10-15-24	Stop Lines and Islands
PM-550	10-15-24	Two-Lane Roadway with Two-Way Left Turn Lane
PR-201	04-21-26	Runouts for Resurfacing
PR-202	10-21-14	Notches for Resurfacing (with or without Runout)
PV-102	10-21-25	PCC Curb Details
PV-201	10-21-25	Manhole Boxouts in HMA Pavement and HMA Overlays
PV-202	04-21-20	Hot Mix Asphalt Resurfacing
SI-881	04-16-19	Special Signs for Workzones
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-213	04-18-23	Lane Closure with Flaggers
TC-214	04-18-23	Lane Closure with Flaggers for use with Pilot Car
TC-233	10-17-17	Pavement Marking Operations Two-Lane
TC-251	04-18-23	Temporary Road Closure
TC-252	10-21-25	Routes Closed to Traffic
TC-283	04-18-23	Surveying Operations
TC-601	10-15-19	Pedestrian Detour

110_04
8/15/22

CURB REMOVAL

Line No.	Station From	Station To	Side	Length (STA)	Remarks
1.0	201+06.41	201+55.79	Left	0.52	14th Ave.
2.0	201+27.02	201+45.33	Right	0.18	14th Ave.
3.0	204+50.44	204+71.36	Left	0.31	14th Ave.
4.0	204+49.88	204+72.56	Right	0.32	14th Ave.
5.0	205+09.37	205+32.61	Left	0.36	14th Ave.
6.0	205+07.01	205+27.46	Right	0.32	14th Ave.
7.0	103+00.99	103+24.57	Right	0.32	5th St.
8.0	102+96.56	103+25.01	Left	0.43	5th St.
9.0	103+67.56	105+84.48	Left	2.32	5th St.
10.0	103+64.04	105+87.05	Right	2.56	5th St.
11.0	106+24.02	108+44.15	Left	2.43	5th St.
12.0	106+21.56	108+47.24	Right	2.67	5th St.
13.0	108+84.19	119+02.79	Left	10.91	5th St.
14.0	108+83.39	111+09.59	Right	2.53	5th St.
15.0	111+39.08	113+69.32	Right	2.62	5th St.
16.0	113+98.92	116+29.10	Right	2.64	5th St.
17.0	116+60.55	120+54.03	Right	4.17	5th St.
18.0	1+03.44	1+97.65	Right	0.94	20th Ave.
19.0	3+16.58	4+10.98	Left	1.06	20th Ave.
Total:				**37.61**	

110_08
8/15/22

REMOVAL OF CONCRETE DRIVES

* Not a Bid Item.

Line No.	Station	Side	Area (SY)	Saw Cut* (LF)	Remarks
1.0	200+82.21	Right	13.4	18.9	14th Ave.
2.0	201+61.54	Right	13.6	10.8	14th Ave.
3.0	202+22.81	Right	14.3		14th Ave.
4.0	203+22.02	Right	20.5	15.7	14th Ave.
5.0	206+07.38	Right	14.3		14th Ave.
6.0	206+74.83	Right	11.8		14th Ave.
7.0	207+42.28	Right	52.8	25.0	14th Ave.
8.0	104+20.82	Right	31.1	43.5	5th St.
9.0	104+28.91	Left	11.3	8.9	5th St.
10.0	106+91.59	Right	8.8	10.2	5th St.
11.0	107+39.74	Left	9.2	12.3	5th St.
12.0	107+77.20	Right	12.2		5th St.
13.0	109+89.89	Left	9.8		5th St.
14.0	110+04.19	Right	10.6	12.9	5th St.
15.0	110+46.45	Left	13.8		5th St.
16.0	111+65.09	Left	12.1	16.5	5th St.
17.0	112+41.24	Left	15.8	21.5	5th St.
18.0	113+95.90	Left	14.4	19.6	5th St.
19.0	115+48.71	Left	14.6	19.5	5th St.
20.0	116+43.50	Left	16.0	21.9	5th St.
21.0	117+08.34	Right	14.5	18.4	5th St.
22.0	117+13.90	Left	12.2	18.3	5th St.
23.0	117+40.58	Left	14.0	17.2	5th St.
24.0	118+02.93	Right	15.4	20.8	5th St.
25.0	118+90.63	Right	20.6	29.3	5th St.
26.0	120+21.69	Right	15.9	20.7	5th St.
Total:			**413**	**381.9**	

190_62
2/13/23

EXISTING SIGNS TO BE REMOVED

Line No.	Sign Number or Description	Location Station	Direction of Travel	Type 'A' Sign Assembly (RA) (EA)	Type 'B' Sign Assembly (RB) (EA)	Type 'A' Remove and Reinstall (RR) (EA)	Type 'B' Remove and Reinstall (RR) (EA)	Concrete Foundation (RF) (EA)	Support Structure & Foundation (RS) (EA)	Applicable Signing Notes	Remarks
1.0	Stop Sign	103+69.36	WB			1					14th Ave.
2.0	Street Sign	103+71.80	SB			1					5th St.
3.0	Speed Limit 25	104+19.46	SB			1					5th St.
4.0	No Parking Any Time	104+58.77	NB			1					5th St.
5.0	East / D38	104+76.64	SB			1					5th St.
6.0	Speed Limit 25	105+36.27	NB			1					5th St.
8.0	Street Sign	106+35.29	SB			1					5th St.
9.0	Crossing Ahead	106+37.98	NB			1					5th St.
10.0	No Parking Any Time	106+77.19	NB			1					5th St.
11.0	No Parking Any Time	107+20.44	SB			1					5th St.
12.0	Crossing / Arrow	108+24.51	NB			1					5th St.
13.0	Stop Sign	108+40.83	EB			1					16th Ave.
14.0	Street Sign	108+85.43	SB			1					16th Ave.
15.0	Crossing / Arrow	109+00.73	SB			1					5th St.
16.0	Speed Limit 25	110+04.08	SB			1					5th St.
19.0	Crossing Ahead	112+63.18	SB			1					5th St.
21.0	Street Sign	114+06.16	WB			1					18th Ave.
22.0	No Parking Any Time	114+73.62	SB			1					5th St.
23.0	No Parking Any Time	114+86.29	NB			1					5th St.
24.0	To Interstate 380	116+01.77	NB			1					5th St.
25.0	Street Sign	116+67.79	WB			1					19th Ave.
26.0	Left Turn / Straight	117+70.25	NB			1					5th St.
27.0	Utility Sign	118+75.25	EB			1					20th Ave.
28.0	Street Sign	119+64.63	NB			1					5th St.
29.0	No Parking Any Time	119+73.29	NB			1					5th St.
30.0	Stop Sign	119+67.94	SB			1					5th St.
31.0	Boat Access	3+27.81	EB			1					20th Ave.
33.0	No Parking Any Time	2+40.12	EB			1					20th Ave.
34.0	Speed Limit 25	1+72.78	EB			1					20th Ave.
36.0	Crossing Ahead	201+97.70	EB			1					14th Ave.
39.0	Crossing / Arrow	203+90.07	EB			1					14th Ave.
40.0	No Parking Snow Removal	203+97.02	EB			1					14th Ave.
43.0	Street Sign	205+11.95	EB			1					14th Ave.
44.0	No Parking Snow Removal	205+63.37	SB			1					14th Ave.
46.0	Boat Access	207+08.75	EB			1					14th Ave.

110_05
8/15/22

SIDEWALK REMOVAL

* Not a bid item

Line No.	Station From	Station To	Area (SY)	Saw Cut* (LF)	Remarks
1.0	200+95.33	201+55.06	56.7	10.0	14th Ave.
2.0	203+29.89	204+69.37	115.1	3.4	14th Ave. / 4th. St. South
3.0	204+42.05	204+66.14	18.6	7.3	14th Ave. / 4th. St. North
4.0	205+10.16	206+10.96	39.6		14th Ave.
5.0	205+10.37	205+24.85	23.4	34.5	14th Ave.
6.0	206+12.79	206+69.91	23.8		14th Ave.
7.0	102+96.56	103+20.33	16.3		
7.0	206+79.74	207+29.78	19.1		14th Ave.
8.0	103+64.73	103+99.09	30.1	4.3	5th St.
9.0	103+69.30	104+24.40	21.4		5th St.
10.0	104+39.09	105+80.76	65.9	3.2	5th St. / 15th Ave. West
11.0	104+42.55	105+84.79	49.9		5th St.
12.0	106+22.04	106+86.54	28.5	1.8	5th St. / 15th Ave. East
13.0	106+26.96	107+33.13	53.1	3.8	5th St. / 15th Ave. West
14.0	106+96.71	107+69.73	30.0		5th St.
15.0	107+45.29	108+42.25	48.9	3.7	5th St. / 16th Ave. West
16.0	107+84.53	108+39.50	21.9		5th St.
17.0	108+87.12	109+97.73	46.7		5th St.
18.0	108+87.19	109+83.05	47.5	3.7	5th St. / 16th Ave. West
19.0	109+96.74	110+37.82	17.8		5th St.
20.0	110+10.66	111+04.11	37.7		5th St.
21.0	110+55.11	111+56.81	42.6		5th St.
22.0	111+73.41	112+30.43	22.4		5th St.
22.0	111+44.31	113+64.63	92.7		5th St.
23.0	112+52.00	113+86.13	51.2		5th St.
24.0	114+03.70	116+26.35	93.0		5th St.
25.0	114+05.67	115+37.66	55.0		5th St.
26.0	115+57.03	116+32.57	32.3		5th St.
27.0	116+54.43	117+04.75	21.0		5th St.
28.0	116+66.46	116+99.12	11.7		5th St.
29.0	117+17.56	117+92.54	31.3		5th St.
30.0	117+23.07	117+32.26	3.8		5th St.
31.0	118+13.31	118+76.19	26.0		5th St.
32.0	119+05.04	120+11.32	43.8		5th St.
33.0	120+32.06	120+48.58	6.5		5th St.
Total:			**1345.3**	**75.7**	

100_37
4/16/24

GRATE INTAKE SEDIMENT FILTER BAG

Possible Standard Road Plan : EC-604

Line No.	Location Station	Side	Installation (Each)	Maintenance (Each)	Removal (Each)	Remarks
1.0	102+56.24	Right	1.0	1	1.0	21st Ave.
2.0	200+09.16	Right	1.0	1	1.0	14th Ave.
3.0	200+13.47	Left	1.0	1	1.0	14th St
4.0	201+69.24	Left	1.0	1	1.0	3rd St
5.0	202+36.35	Right	1.0	1	1.0	14th Ave.

290_02
9/28/22

SMALL QUANTITY CONCRETE TESTING

- Test air and slump once per 30 cy placed, or minimum of once per day.
- Verification gradations will not be required for this project. However, the Contractor will be expected to provide certified plant inspection.
- The Contractor has the option of using the following minimum opening times in lieu of flexural testing:
  - 48 hours for pedestrian traffic
  - 72 hours for curb and gutter or patching

100_05
10/17/23

CURB AND GUTTER

Refer to PV-102

Line No.	Station From	Station To	Side	Length (LF)	Width (LF)	Width 1.5 (LF)	Width 2.0 (LF)	Width 2.5 (LF)	Width 3.0 (LF)	Width 3.5 (LF)	Width 4.0 (LF)	Width 4.5 (LF)	Width 5.0 (LF)	Width 5.5 (LF)	Modified Subbase (CY)	Special Backfill (TON)	Remarks
1.0	201+06.41	201+55.79	Left	51.91	2.5			51.91									14th Ave.
2.0	201+27.02	201+45.33	Right	18.32	2.5			18.32									14th Ave.
3.0	204+50.44	204+71.36	Left	31.01	2.5			31.01									14th Ave.
4.0	204+49.88	204+72.56	Right	32.40	2.5			32.40									14th Ave.
5.0	205+09.37	205+32.61	Left	35.91	2.5			35.91									14th Ave.
6.0	205+07.01	205+27.46	Right	32.39	2.5			32.39									14th Ave.
7.0	103+00.99	103+24.57	Right	32.50	2.5			32.50									5th St.
8.0	102+96.56	103+25.01	Left	42.81	2.5			42.81									5th St.
9.0	103+67.56	105+84.48	Left	232.68	2.5			232.68									5th St.
10.0	103+64.04	105+87.05	Right	256.42	2.5			256.42									5th St.
11.0	106+24.02	108+44.15	Left	243.66	2.5			243.66									5th St.
12.0	106+21.56	108+47.24	Right	267.09	2.5			267.09									5th St.
13.0	108+84.19	119+02.79	Left	1091.63	2.5			1091.63									5th St.
14.0	108+83.39	110+83.97	Right	212.70	2.5			212.70									5th St.
15.0	110+83.97	11+09.59	Right	40.25													5th St.
16.0	111+39.08	111+59.69	Right	37.40													5th St.
17.0	111+59.69	113+43.69	Right	184.00	2.5			184.00									5th St.
18.0	113+43.69	113+69.32	Right	40.25													5th St.
19.0	113+98.92	114+24.54	Right	40.25													5th St.
20.0	114+24.54	116+29.10	Right	223.46	2.5			223.46									5th St.
21.0	116+60.55	120+29.04	Right	383.11	2.5			383.11									5th St.
22.0	120+29.04	120+54.03	Right	34.52													5th St.
23.0	1+03.44	1+97.65	Right	94.27	2.5			94.27									20th Ave.
24.0	3+16.58	4+10.98	Left	106.84	2.5			106.84									20th Ave.
Total:				**3765.78**				**3573.11**									

2.5' Curb = 3573.11'
As Per Plan = 192.67'

100_36
8/15/22

OPEN-THROAT CURB INTAKE SEDIMENT FILTER

Possible Standard: EC-602

Line No.	Station	Side	Installation (LF)	Maintenance (Each)	Removal (Each)	Remarks
1.0	103+11.72	Left	9.0	1	1.0	5th St.
2.0	103+65.11	Left	4.0	1	1.0	5th St.
3.0	108+41.37	Left	5.0	1	1.0	5th St.
4.0	108+96.13	Left	5.0	1	1.0	5th St.
5.0	108+98.13	Right	5.0	1	1.0	5th St.
6.0	110+70.35	Right	10.0	1	1.0	5th St.
7.0	110+87.90	Left	10.0	1	1.0	5th St.
8.0	113+34.54	Right	10.0	1	1.0	5th St.
9.0	113+50.53	Left	9.0	1	1.0	5th St.
10.0	116+11.22	Right	10.0	1	1.0	5th St.
11.0	116+61.97	Left	5.0	1	1.0	5th St.
12.0	120+56.24	Right	3.0	1	1.0	21st Ave.
13.0	200+09.16	Right	4.0	1	1.0	14th Ave.
14.0	200+13.47	Left	4.0	1	1.0	14th Ave.
15.0	201+69.24	Left	4.0	1	1.0	3rd St
16.0	202+03.06	Left	4.0	1	1.0	3rd St
17.0	202+36.35	Right	4.0	1	1.0	14th Ave.
18.0	204+72.05	Left	3.0	1	1.0	4th St.
19.0	2+00.84	Right	5.0	1	1.0	20th Ave.
20.0	2+01.39	Left	5.0	1	1.0	20th Ave.
Total:			**118**			

190_61
2/10/23

EXISTING SIGNS TO BE REINSTALLED

Line No.	Sign Description	Direction of Travel	Location Station	Number of Posts	Square Tube Steel Posts	Wood Posts 4"x4" (LF)	Wood Posts 4"x6" (LF)	Installation Type	Installation Dim 'X'	See Signing Notes
1.0	Stop Sign	WB	103+69.36	1	1			Type 1		14th Ave.
2.0	Street Sign	SB	103+71.80	1	1			Type 1		5th St.
3.0	Speed Limit 25	SB	104+19.46	1	1			Type 1		5th St.
4.0	No Parking Any Time	NB	104+58.77	1	1			Type 1		5th St.
5.0	East / D38	SB	104+76.64	1	1			Type 1		5th St.
6.0	Speed Limit 25	NB	105+36.27	1	1			Type 1		5th St.
8.0	Street Sign	SB	106+35.29	1	1			Type 1		5th St.
9.0	Crossing Ahead	NB	106+37.98	1	1			Type 1		5th St.
10.0	No Parking Any Time	NB	106+77.19	1	1			Type 1		5th St.
11.0	No Parking Any Time	SB	107+20.44	1	1			Type 1		5th St.
12.0	Crossing / Arrow	NB	108+24.51	1	1			Type 1		5th St.
13.0	Stop Sign	EB	108+40.83	1	1			Type 1		16th Ave.
14.0	Street Sign	SB	108+85.43	1	1			Type 1		16th Ave.
15.0	Crossing / Arrow	SB	109+00.73	1	1			Type 1		5th St.
16.0	Speed Limit 25	SB	110+04.08	1	1			Type 1		5th St.
19.0	Crossing Ahead	SB	112+63.18	1	1			Type 1		5th St.
21.0	Street Sign	WB	114+06.16	1	1			Type 1		18th Ave.
22.0	No Parking Any Time	SB	114+73.62	1	1			Type 1		5th St.
23.0	No Parking Any Time	NB	114+86.29	1	1			Type 1		5th St.
24.0	To Interstate 380	NB	116+01.77	1	1			Type 1		5th St.
25.0	Street Sign	WB	116+67.79	1	1			Type 1		19th Ave.
26.0	Left Turn / Straight	NB	117+70.25	1	1			Type 1		5th St.
27.0	Utility Sign	EB	118+75.25	1	1			Type 1		20th Ave.
28.0	Street Sign	NB	119+64.63	1	1			Type 1		5th St.
29.0	No Parking Any Time	NB	119+73.29	1	1			Type 1		5th St.
30.0	Stop Sign	SB	119+67.94	1	1			Type 1		5th St.
31.0	Boat Access	EB	3+27.81	1	1			Type 1		20th Ave.
33.0	No Parking Any Time	EB	2+40.12	1	1			Type 1		20th Ave.
34.0	Speed Limit 25	EB	1+72.78	1	1			Type 1		20th Ave.
36.0	Crossing Ahead	EB	201+97.70	1	1			Type 1		14th Ave.
39.0	Crossing / Arrow	EB	203+90.07	1	1			Type 1		14th Ave.
40.0	No Parking Snow Removal	EB	203+97.02	1	1			Type 1		14th Ave.
43.0	Street Sign	EB	205+11.95	1	1			Type 1		14th Ave.
44.0	No Parking Snow Removal	SB	205+63.37	1	1			Type 1		14th Ave.
46.0	Boat Access	EB	207+08.75	1	1			Type 1		14th Ave.
47.0	No Parking Any Time	SB	104+42.65	1	1			Type 1		5th St.
48.0	Firestation	EB	204+24.47	1	1			Type 1		14th Ave.

100_19
10/15/24

PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE

Possible Standards: EC-204

Line No.	Station From	Station To	Side	Sediment Control Device Type	Diameter Size	Length (LF)	Remarks
1.0	1+03.93	1+20.94	Right	Perimeter and Slope	9 inch	72.00	20th Ave.
2.0	1+80.91	2+14.61	Right	Perimeter and Slope	9 inch	40.00	20th Ave.
3.0	2+50.54	3+33.83	Right	Perimeter and Slope	9 inch	90.00	20th Ave.
4.0	118+45.23	119+02.64	Left	Perimeter and Slope	9 inch	98.00	5th St. / 20th Ave. (SW)
Total:						**300**	

+ 25% = 75.00
Total = 375.00

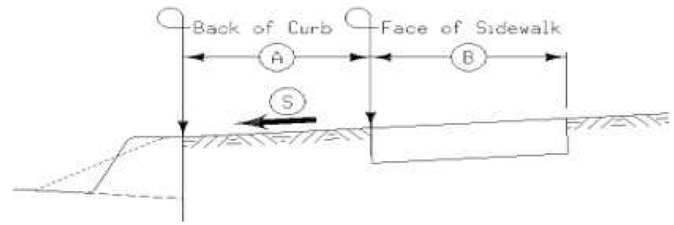
102_05
9/29/23

EXISTING PAVEMENT

Line No.	County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
1.0	Black Hawk	297	Both			1960	Original Const.	F-1000(3)	Asphalt	3.0	Stone	6.0	Granular	6.0							
2.0	Black Hawk	297	Both			1978	Resurfacing	FN-297-1(2)--21-07	Asphalt	1.5	Asphalt	1.5	Existing								

SIDEWALKS

See MI-220 and S Sheets

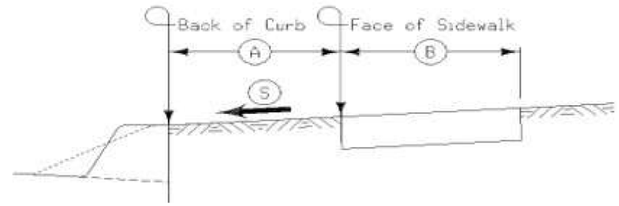


Line No.	Road Identification	Station From	Station To	Side	A (FT)	B (FT)	S %	Sidewalk Thickness (IN)	Sidewalk Length (FT)	Sidewalk Width (FT)	Sidewalk Area (SF)	4" PCC Sidewalk (SY)	6" PCC Sidewalk (SY)	8" PCC Sidewalk (SY)	10" PCC Sidewalk (SY)	Detectable Warnings (SF)	Remarks
1.0	14th Ave.	201+06.44	201+55.51	Left		10.0		6	48.9	10.0	383.3		42.6			39.0	
2.0	14th Ave.	201+32.75	201+39.74	Right				6	7.0	4.5	27.0		3.0			10.0	
3.0	14th Ave.	201+33.35	201+55.95	Right		5.0		4	22.1	5.0	110.0	12.2					
4.0	14th Ave.	201+67.55	202+15.77	Right		5.0		4	43.7	5.0	217.0	24.1					
5.0	14th Ave.	202+29.70	203+14.15	Right	6.0	5.0		4	83.9	5.0	420.1	46.6					
6.0	14th Ave.	203+29.81	204+61.68	Right	6.0	5.0		4	131.9	5.0	659.3	73.2					
7.0	14th Ave.	204+60.67	204+68.19	Right				6	7.0	18.4	80.8		8.9			18.0	
8.0	14th Ave.	204+41.58	204+61.57	Left				4	20.0	5.0	98.0	10.8					
9.0	14th Ave.	204+60.59	204+68.94	Left				6	8.4	9.0	31.9		3.5			17.0	
10.0	14th Ave.	204+61.57	204+66.57	Left				4	20.0	5.0	98.0	10.8					
11.0	14th Ave.	205+10.00	205+24.05	Left				6	14.1	21.9	232.3		25.8			26.0	
12.0	14th Ave.	205+10.13	205+23.67	Right				6	13.5	9.9	72.2		8.0			27.0	
13.0	14th Ave.	205+22.67	206+01.33	Right		5.0		4	78.6	5.0	393.3	43.7					
14.0	14th Ave.	206+13.30	206+52.38			5.0		4	39.1	5.0	195.5	21.7					
15.0	14th Ave.	206+79.97	207+28.21	Right		5.0		4	48.2	5.0	241.2	26.8					
16.0	5th St.	102+96.56	103+24.37	Left				6	27.7	22.4	257.8		28.6			23.0	
17.0	5th St.	103+00.91	103+21.30	Right				6	20.3	6.6	109.5		12.1			19.0	
18.0	5th St.	103+69.29	103+87.57	Left		7.0		6	18.3	7.0	94.9		10.5			26.0	
19.0	5th St.	103+64.66	104+24.04	Right		8.0		6	59.3	23.9	496.3		55.1			26.0	
20.0	5th St.	103+87.57	104+24.24	Left		7.0		4	36.6	7.0	256.6	28.5					
21.0	5th St.	104+34.73	105+67.70	Left		7.0		4	132.9	7.0	930.3	103.3					
22.0	5th St.	104+42.58	105+66.22	Right		5.0		4	123.6	7.0	864.7	96.1					
23.0	5th St.	105+66.22	105+78.77	Right		7.0		6	12.6	7.0	50.7		5.6			28.0	
24.0	5th St.	105+67.70	105+83.03	Left				6	21.8	5.7	106.9		11.8			32.0	
25.0	5th St.	105+75.70	105+80.70	Left				4	6.9	5.0	27.7	3.0					
26.0	5th St.	106+22.19	106+29.79	Right				4	15.9	2.0	34.3	3.8					
27.0	5th St.	106+24.51	106+37.08	Right		7.0		6	12.6	7.0	61.8		6.8			29.0	
28.0	5th St.	106+26.70	106+31.70	Left				4	7.9	5.0	34.9	3.9					
29.0	5th St.	106+24.99	106+41.70	Left				6	16.7	5.8	123.5		13.7			37.0	
30.0	5th St.	106+37.08	106+86.47	Right		7.0		4	49.4	7.0	345.8	38.4					
31.0	5th St.	106+41.70	107+33.03	Left		7.0		4	91.3	7.0	639.1	71.0					
32.0	5th St.	106+96.73	107+20.16	Right		7.0		4	23.4	7.0	163.9	18.2					
33.0	5th St.	107+36.73	107+69.74	Right		7.0		4	33.0	7.0	231.0	25.7					
34.0	5th St.	107+45.27	108+26.41	Left		7.0		4	81.1	7.0	567.7	63.1					
35.0	5th St.	107+82.64	108+26.41	Right				4	43.8	7.0	305.7	33.9					
36.0	5th St.	108+29.85	108+42.30	Left				6	15.8	4.8	97.5		10.8			32.0	
37.0	5th St.	108+35.47	108+39.47	Left		4.0		4	13.2	4.0	52.9	5.9					
38.0	5th St.	108+26.41	108+38.96	Right				6	12.5	6.5	50.7		5.6			28.0	
39.0	5th St.	108+87.77	108+92.77	Left		5.0		4	10.5	5.0	50.1	5.5					
40.0	5th St.	108+85.61	108+99.95	Left				6	20.3	5.7	75.5		8.4			21.0	
41.0	5th St.	108+88.89	108+96.50	Right				6	7.6	5.3	24.2		2.7			16.0	
42.0	5th St.	108+95.12	109+83.29	Left		7.0		4	88.1	7.0	599.5	66.6					
43.0	5th St.	108+96.50	109+97.80	Right		7.0		4	101.2	7.0	696.8	77.4					
44.0	5th St.	109+96.46	110+37.80	Left		7.0		4	41.3	7.0	289.4	32.1					
45.0	5th St.	110+10.80	110+79.59	Right		7.0		4	68.8	7.0	457.3	50.8					

113_01A
11/19/24

SIDEWALKS

See MI-220 and S Sheets



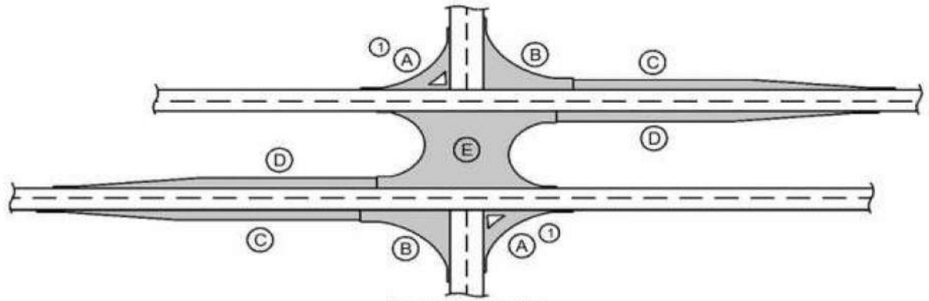
Line No.	Road Identification	Station From	Station To	Side	A (FT)	B (FT)	S %	Sidewalk Thickness (IN)	Sidewalk Length (FT)	Sidewalk Width (FT)	Sidewalk Area (SF)	4" PCC Sidewalk (SY)	6" PCC Sidewalk (SY)	8" PCC Sidewalk (SY)	10" PCC Sidewalk (SY)	Detectable Warnings (SF)	Remarks
46.0	5th St.	110+55.08	111+56.79	Left		7.0		4	101.7	7.0	697.8	77.5					
47.0	5th St.	110+77.73	111+01.32	Right		7.0		6	23.4	7.0	117.9		13.1			19.0	
48.0	5th St.	111+44.49	111+65.97	Right		7.0		6	21.4	7.0	117.8		13.0			17.0	
49.0	5th St.	111+73.37	112+30.49	Left		7.0		4	57.1	7.0	399.7	44.4					
50.0	5th St.	112+52.00	113+86.11	Left		7.0		4	134.1	7.0	910.0	101.1					
51.0	5th St.	113+43.49	113+61.04	Right		7.0		6	17.5	7.0	84.9		9.4			19.0	
52.0	5th St.	114+07.19	114+25.71	Right		7.0		6	18.5	7.0	66.7		7.4			19.0	
53.0	5th St.	114+05.69	115+37.66	Left		7.0		4	132.0	7.0	923.8	102.6					
54.0	5th St.	114+20.71	116+06.56	Right		7.0		4	185.8	7.0	1290.9	143.4					
55.0	5th St.	116+06.56	116+26.15	Right		7.0		6	19.5	7.0	85.2		9.4			15.0	
56.0	5th St.	115+57.18	116+32.67	Left		7.0		4	75.5	7.0	528.4	58.7					
57.0	5th St.	116+54.53	117+04.75	Left		7.0		4	50.2	7.0	334.7	37.1					
58.0	5th St.	116+68.82	116+91.38	Right		7.0		6	22.5	7.0	94.9		10.5			19.0	
59.0	5th St.	116+86.38	116+99.17	Right		7.0		4	12.8	7.0	79.5	8.8					
60.0	5th St.	117+17.73	117+92.50	Right		7.0		4	74.7	7.0	523.4	58.1					
61.0	5th St.	117+23.05	117+31.95	Left		7.0		4	8.9	7.0	62.3	6.9					
62.0	5th St.	117+49.60	118+68.67	Left		6.0		4	120.0	6.0	710.8	78.9					
63.0	5th St.	118+63.84	118+70.85	Left				6	7.6	6.0	39.8		4.4			10.0	
64.0	5th St.	118+13.39	118+64.85	Right		7.0		4	51.4	7.0	360.2	40.0					
65.0	5th St.	118+64.85	118+69.85	Right		7.0		6	5.0	7.0	35.0		3.9			10.0	
66.0	5th St.	118+69.85	118+76.04	Right		7.0		4	6.1	7.0	43.3	4.8					
67.0	5th St.	119+05.29	120+11.46	Right		7.0		4	106.2	7.0	743.2	82.6					
68.0	5th St.	120+31.87	120+46.39	Right		7.0		6	14.5	7.0	63.9		7.1			19.0	
69.0	20th Ave.	1+22.22	1+32.29	Right		5.0		4	49.8	5.0	261.8	29.0					
70.0	20th Ave.	1+62.06	2+56.39	Right		5.0		4	93.9	5.0	535.7	59.5					
71.0	20th Ave	2+90.17	3+82.13	Right		5.0		4	106.3	5.0	518.3	57.5					
Total:											**20986.8**	**1988**	**341.7**			**601**	

108_16
8/19/22

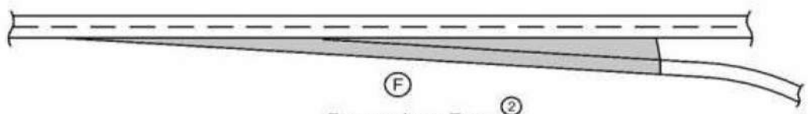
COMBINED CONCRETE SIDEWALK AND RETAINING WALL

Line No.	Station From	Station To	Side	Length (FT)	Retaining Wall Type	Retaining Wall Height 1 (FT)	Retaining Wall Height 2 (FT)	Retaining Wall Thickness (FT)	Sidewalk Width 1 (FT)	Sidewalk Width 2 (FT)	Sidewalk Thickness (FT)	Retaining Wall Concrete (CY)	Sidewalk & Footing Concrete (CY)	Porous Backfill (CY)	Reinforcing Steel (LB)
1.0	106+31.00	106+37.00	Right	6.00	A	2.4	2.9	0.5	5.0	5.0	0.5	0.4	0.6	0.2	64
2.0	106+37.00	106+44.00	Right	7.00	A	2.4	2.9	0.5	5.0	5.0	0.5	0.4	0.7	0.3	70
3.0	106+44.00	106+59.50	Right	15.50	A	2.9	2.9	0.5	5.0	5.0	0.5	0.9	1.6	0.6	159
4.0	106+64.00	106+79.00	Right	15.00	A	2.9	2.7	0.5	5.0	5.0	0.5	0.9	1.5	0.6	150
5.0	106+79.00	106+86.00	Right	7.00	A	2.7	2.4	0.5	5.0	5.0	0.5	0.4	0.7	0.3	69
6.0	107+20.30	107+29.10	Right	8.80	A	2.3	2.3	0.5	5.0	5.0	0.5	0.5	0.9	0.3	81
7.0	107+29.10	107+36.90	Right	7.80	A	2.3	1.0	0.5	5.0	5.0	0.5	0.3	0.8	0.3	69
Total:				**67.1**								**3.8**	**6.8**	**2.6**	**662**

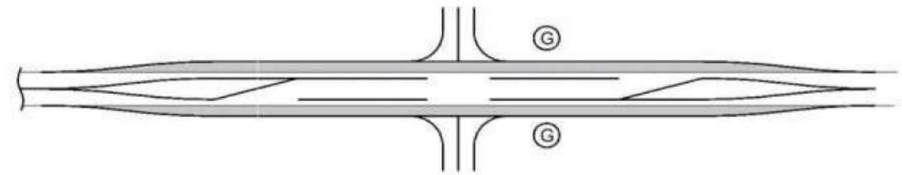
HMA PAVEMENT



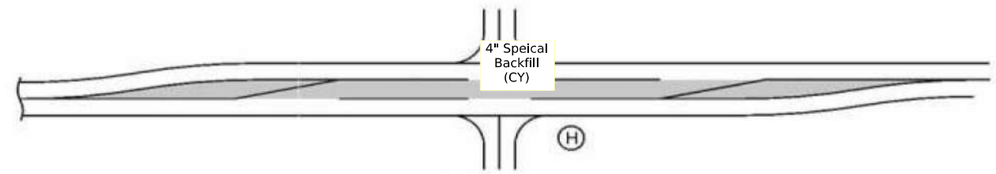
Typical Intersection



Ramp or Loop Taper (2)



Channelized Intersection
Widen Existing Roadway



Channelized Intersection
Reconstructed Roadway

(1) Does not include raised island area or curb. Refer to tabulation 112-4 for quantities.
(2) Refer to PV-410, PV-411, PV-412, and PV-414.
(3) Quantity includes Pavement Header.

Line No.	Road Identification	Direction of Travel	Station From	Station To	Width (FT)	Length (FT)	Area (SY)	Area A(1) (SY)(3)	Area B (SY)(3)	Area C (SY)(3)	Area D (SY)(3)	Area E(2) (SY)(3)	Area F (SY)(3)	Area G (SY)(3)	Area H (SY)(3)	HMA Pavement Surface (TONS)	HMA Pavement Intermediate (TONS)	HMA Pavement Base (TONS)	Binder Surface (TONS)	Binder Intermediate (TONS)	Binder Base (TONS)	Polymer Grid (SY)	Special Backfill (TONS)	Modified Subbase (CY)	Granular Subbase (SY)	Pavement Scarification (SY)	Hot In-Place Recycling (SY)	Asphalt Rejuvenating Agent	Remarks
1.0	14th Ave.	East	200+08.47	207+81.01	18.8	772.54	1420.58	47.26	65.65							125.530	125.530		7.530	7.530						1524.40			
2.0	14th Ave.	West	200+10.01	207+80.78	17.7	770.77	1428.68	143.20	180.07							144.864	144.864		8.760	8.760						1765.80			
3.0	5th St.	North	103+00.99	120+55.59	19.5	1754.60	3805.50		503.40							356.290	356.290		21.380	21.380						4308.90			
4.0	5th St.	South	103+00.99	120+55.67	19.5	1754.68	3731.60		769.30							372.170	372.170		22.330	22.330						4500.90			
Total:							**10386.36**		**1518.42**							**998.854**	**998.854**		**60**	**60**						**12100**			

PAVEMENT MARKING SYMBOLS AND LEGENDS

Refer to PM-111

Line No.	Roadway Identification	Station	Side	Pavement Symbol	Quantity (EA)	Groove Marking Needed?	Remarks
1.0	5th St.	103+89.95	Right	BLSW	1	Yes	
2.0	5th St.	103+94.84	Median	LTAW	1	Yes	
3.0	5th St.	103+97.81	Left	STAW	1	Yes	
4.0	5th St.	104+05.14	Left	BLSW	1	Yes	
5.0	5th St.	103+97.19	Right	STAW	1	Yes	
6.0	5th St.	104+23.15	Median	LTAW	1	Yes	
7.0	5th St.	105+29.60	Median	LTAW	1	Yes	
8.0	5th St.	105+44.36	Right	BLSW	1	Yes	
9.0	5th St.	105+51.60	Left	STAW	1	Yes	
10.0	5th St.	105+51.70	Right	STAW	1	Yes	
11.0	5th St.	105+57.92	Median	LTAW	1	Yes	
12.0	5th St.	105+58.94	Left	BLSW	1	Yes	
13.0	5th St.	106+49.73	Right	BLSW	1	Yes	
14.0	5th St.	106+53.72	Median	LTAW	1	Yes	
15.0	5th St.	106+57.11	Left	STAW	1	Yes	
16.0	5th St.	106+57.06	Right	STAW	1	Yes	
17.0	5th St.	106+64.45	Left	BLSW	1	Yes	
18.0	5th St.	106+82.03	Median	LTAW	1	Yes	
19.0	5th St.	107+88.98	Median	LTAW	1	Yes	
20.0	5th St.	108+03.30	Right	BLSW	1	Yes	
21.0	5th St.	108+10.92	Left	STAW	1	Yes	
22.0	5th St.	108+10.63	Right	STAW	1	Yes	
23.0	5th St.	108+17.29	Median	LTAW	1	Yes	
24.0	5th St.	108+18.26	Left	BLSW	1	Yes	
25.0	5th St.	109+08.99	Right	BLSW	1	Yes	
26.0	5th St.	109+10.77	Median	LTAW	1	Yes	
27.0	5th St.	109+16.33	Right	STAW	1	Yes	
28.0	5th St.	109+17.00	Left	STAW	1	Yes	
29.0	5th St.	109+24.33	Left	BLSW	1	Yes	
30.0	5th St.	109+39.08	Median	LTAW	1	Yes	
31.0	5th St.	110+54.83	Median	LTAW	1	Yes	
32.0	5th St.	110+68.72	Right	BLSW	1	Yes	
33.0	5th St.	111+21.00	Left	STAW	1	Yes	
34.0	5th St.	110+76.06	Right	STAW	1	Yes	
35.0	5th St.	110+83.14	Median	LTAW	1	Yes	
36.0	5th St.	111+29.00	Left	BLSW	1	Yes	
37.0	5th St.	111+63.69	Right	BLSW	1	Yes	
38.0	5th St.	111+72.23	Median	LTAW	1	Yes	
40.0	5th St.	111+71.03	Right	STAW	1	Yes	
42.0	5th St.	112+00.55	Median	LTAW	1	Yes	
43.0	5th St.	113+12.36	Median	LTAW	1	Yes	
44.0	5th St.	113+29.23	Right	BLSW	1	Yes	
45.0	5th St.	113+36.57	Right	STAW	1	Yes	
46.0	5th St.	113+71.00	Left	STAW	1	Yes	
47.0	5th St.	113+79.00	Left	BLSW	1	Yes	
48.0	5th St.	113+40.67	Median	LTAW	1	Yes	
49.0	5th St.	114+24.36	Right	BLSW	1	Yes	
50.0	5th St.	114+29.18	Median	LTAW	1	Yes	
51.0	5th St.	114+31.69	Right	STAW	1	Yes	
54.0	5th St.	114+57.49	Median	LTAW	1	Yes	
55.0	5th St.	115+74.26	Median	LTAW	1	Yes	
56.0	5th St.	115+89.79	Right	BLSW	1	Yes	
57.0	5th St.	115+97.13	Right	STAW	1	Yes	
58.0	5th St.	116+21.00	Left	STAW	1	Yes	
59.0	5th St.	116+29.00	Median	LTAW	1	Yes	

108_29
4/15/25

PAVEMENT MARKING SYMBOLS AND LEGENDS

Refer to PM-111

Line No.	Roadway Identification	Station	Side	Pavement Symbol	Quantity (EA)	Groove Marking Needed?	Remarks
60.0	5th St.	116+04.71	Left	BLSW	1	Yes	
61.0	5th St.	116+86.25	Right	BLSW	1	Yes	
62.0	5th St.	116+90.48	Median	LTAW	1	Yes	
64.0	5th St.	116+95.73	Left	LTAW	1	Yes	
66.0	5th St.	117+18.79	Median	LTAW	1	Yes	
67.0	5th St.	118+14.51	Median	LTAW	1	Yes	
68.0	5th St.	118+29.05	Right	BLSW	1	Yes	
69.0	5th St.	118+37.15	Left	STAW	1	Yes	
70.0	5th St.	118+36.39	Right	STPW	1	Yes	
71.0	5th St.	118+42.83	Median	LTAW	1	Yes	
72.0	5th St.	118+44.49	Left	BLSW	1	Yes	
73.0	14th Ave.	202+18.54	Right	BLSW	1	Yes	
74.0	14th Ave.	202+25.49	Right	STAW	1	Yes	
75.0	14th Ave.	202+26.92	Left	STAW	1	Yes	
76.0	14th Ave.	202+33.32	Left	BLSW	1	Yes	
77.0	14th Ave.	204+41.12	Right	BLSW	1	Yes	
78.0	14th Ave.	204+47.84	Right	STAW	1	Yes	
79.0	14th Ave.	204+48.79	Left	STAW	1	Yes	
80.0	14th Ave.	204+55.64	Left	STAW	1	Yes	
81.0	14th Ave.	205+27.00	Right	BLSW	1	Yes	
82.0	14th Ave.	205+33.47	Right	STAW	1	Yes	
83.0	14th Ave.	205+33.59	Left	STAW	1	Yes	
84.0	14th Ave.	205+40.17	Left	BLSW	1	Yes	
85.0	14th Ave.	207+38.14	Right	BLSW	1	Yes	
86.0	14th Ave.	207+44.55	Right	STAW	1	Yes	
87.0	14th Ave.	207+46.01	Left	STAW	1	Yes	
88.0	14th Ave.	207+52.33	Left	BLSW	1	Yes	
89.0	20th Ave.	3+42.61	Right	LTAW	1	Yes	
90.0	20th Ave.	3+41.70	Right	RTAW	1	Yes	
91.0	20th Ave.	3+85.07	Right	LTAW	1	Yes	
Total:					**85**		

PAVEMENT MARKING LINE TYPES

Line factors based on 6-inch wide continuous line.
*BCY4 - Place on the same side of the roadway to match existing markings near the project.
**NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.
***MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.17
CBW6: Crosswalk Bar (White) @ 10.00
CLW6: Crosswalk Line (White) @ 2.00
DLW4: Dotted Line (White) @ 0.22
ELW6: Edge Line Right (White) @ 1.00
MNY6: Median Nose (Yellow) @ 1.00
RLY4: Ramp Edge Line Left (Yellow) @ 0.67
SPW4: Sloped Curb 4" (White) @ 2.16
STY6: Standard Curb 6" (Yellow) @ 2.03
BCY6: Broken Centerline (Yellow) @ 0.25
CHW8: Channelizing Line (White) @ 1.33
DCY4: Double Centerline (Yellow) @ 1.34
DLW6: Dotted Line (White) @ 0.33
ELY4: Edge Line Left (Yellow) @ 0.67
NPY4: No Passing Zone Line (Yellow) @ 0.84
RLY6: Ramp Edge Line Left (Yellow) @ 1.00
SPW6: Sloped Curb 6" (White) @ 2.28
YLW2: Yield Line (White) @ 1.15
BLC6: Broken Line Contrast (White/Black) @ 0.50
CHW10: Channelizing Line (White) @ 1.67
DCY6: Double Centerline (Yellow) @ 2.00
DLY4: Dotted Line (Yellow) @ 0.22
ELY6: Edge Line Left (Yellow) @ 1.00
NPY6: No Passing Zone Line (Yellow) @ 1.25
SLW2: Stop Line (White) @ 4.00
SPY4: Sloped Curb 4" (Yellow) @ 2.16
BLW4: Broken Lane Line (White) @ 0.17
CHY8: Channelizing Line (Yellow) @ 1.33
DDY4: Double Dotted Line (Yellow) @ 0.44
DLY6: Dotted Line (Yellow) @ 0.33
LDW8: Lane Drop (White) @ 0.33
RLW4: Ramp Edge Line Right (White) @ 0.67
SLW4: Solid Lane Line (White) @ 0.67
SPY6: Sloped Curb 6" (Yellow) @ 2.28
BLW6: Broken Lane Line (White) @ 0.25
CHY10: Channelizing Line (Yellow) @ 1.67
DDY6: Double Dotted Line (Yellow) @ 0.67
ELW4: Edge Line Right (White) @ 0.67
LDW10: Lane Drop (White) @ 0.42
RLW6: Ramp Edge Line Right (White) @ 1.00
SLW6: Solid Lane Line (White) @ 1.00
STW6: Standard Curb 6" (Yellow) @ 2.03

Line No.	Road ID	Station From	Station To	Lane	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	CBW6 Factored (STA)	CHW8 Factored (STA)	CLW6 Factored (STA)	DCY4 Factored (STA)	NPY4** Factored (STA)	SLW2 Factored (STA)	SLW4 Factored (STA)	YLW2 Factored (STA)	Remarks
1.0	5th St.	96+49.25	98+00.00	Both	Waterborne/Solvent Paint		x		Yes	2.12				2.12					
2.0	5th St.	98+60.00	100+48.00	SB	Waterborne/Solvent Paint	x			Yes	2.50		2.50							DIV I
3.0	5th St.	98+60.00	100+48.00	Both	Waterborne/Solvent Paint		x		Yes	2.52				2.52					
4.0	5th St.	98+50.00	103+09.00	NB	Waterborne/Solvent Paint			x	Yes	6.12		6.12							DIV I
5.0	5th St.	101+16.50	103+04.60	SB	Waterborne/Solvent Paint	x			Yes	2.50		2.50							DIV I
6.0	5th St.	101+16.50	103+04.40	Both	Waterborne/Solvent Paint		x		Yes	2.52				2.52					
7.0	5th St.	103+79.70	105+61.40	Right	Waterborne/Solvent Paint			x	Yes	2.42		2.42							
8.0	5th St.	103+19.00	103+19.00	Both	Waterborne/Solvent Paint		x		Yes	4.80	4.80								14th Ave.
9.0	5th St.	103+85.30	105+63.90	Left	Waterborne/Solvent Paint	X			Yes	1.50					4.54				Milling, Intermediate, Final Course
10.0	5th St.	103+79.70	105+61.40	Right	Waterborne/Solvent Paint			x	Yes	1.50					4.54				Milling, Intermediate, Final Course
11.0	5th St.	103+15.00	103+79.70	Both	Waterborne/Solvent Paint	X			Yes	1.12			1.12						14th Ave.
12.0	5th St.	103+13.00	103+75.00	Both	Waterborne/Solvent Paint			X	Yes	1.08			1.08						14th Ave.
13.0	5th St.	105+71.25	105+72.70	Both	Waterborne/Solvent Paint		x		Yes	4.40	4.40								15th Ave.
14.0	5th St.	103+69.60	103+76.50	Both	Waterborne/Solvent Paint		x		Yes	4.50	4.50								14th Ave.
15.0	5th St.	105+68.90	106+39.60	Both	Waterborne/Solvent Paint	x			Yes	1.16			1.16						15th Ave.
16.0	5th St.	103+85.30	105+63.85	Left	Waterborne/Solvent Paint	x			Yes	2.38		2.38							
17.0	5th St.	106+32.00	106+32.00	Both	Waterborne/Solvent Paint		x		Yes	4.20	4.20								15th Ave.
18.0	5th St.	105+67.00	106+32.80	Both	Waterborne/Solvent Paint			x	Yes	1.10			1.10						15th Ave.
19.0	5th St.	106+44.65	108+23.50	Left	Waterborne/Solvent Paint	x			Yes	2.38		2.38							
20.0	5th St.	106+44.65	108+23.50	Left	Waterborne/Solvent Paint	x			Yes	1.50					4.51				Milling, Intermediate, Final Course
21.0	5th St.	106+37.20	108+21.60	Right	Waterborne/Solvent Paint			x	Yes	1.55					4.64				Milling, Intermediate, Final Course
22.0	5th St.	106+37.20	108+21.60	Right	Waterborne/Solvent Paint			x	Yes	2.45		2.45							
23.0	5th St.	108+31.40	108+31.40	Both	Waterborne/Solvent Paint		x		Yes	4.40	4.40								16th Ave.
24.0	5th St.	108+39.23	108+88.39	Both	Waterborne/Solvent Paint	x			Yes	1.10			1.10						16th Ave.
25.0	5th St.	108+90.25	108+90.25	Both	Waterborne/Solvent Paint		x		Yes	4.80	4.80								16th Ave.
26.0	5th St.	108+27.80	108+94.80	Both	Waterborne/Solvent Paint			x	Yes	1.16			1.16						16th Ave.
27.0	5th St.	109+05.00	118+58.30	Left	Waterborne/Solvent Paint	x			Yes	12.67		12.67							
28.0	5th St.	109+05.00	110+84.00	Left	Waterborne/Solvent Paint	x			Yes	1.50					4.51				Milling, Intermediate, Final Course
29.0	5th St.	109+05.00	110+84.00	Right	Waterborne/Solvent Paint			x	Yes	1.50					4.51				Milling, Intermediate, Final Course
30.0	5th St.	109+05.00	110+84.00	Right	Waterborne/Solvent Paint			x	Yes	2.38		2.38							
31.0	5th St	110+93.77	111+50.97	Right	Waterborne/Solvent Paint			x	Yes	1.00			1.00						17th Ave.
32.0	5th St.	111+60.00	113+43.70	Left	Waterborne/Solvent Paint	x			Yes	1.55					4.64				Milling, Intermediate, Final Course
33.0	5th St.	111+60.00	113+43.70	Right	Waterborne/Solvent Paint			x	Yes	1.55					4.64				Milling, Intermediate, Final Course
34.0	5th St.	111+60.00	113+43.70	Right	Waterborne/Solvent Paint			x	Yes	2.45		2.45							
35.0	5th St.	113+53.49	114+14.74	Right	Waterborne/Solvent Paint			x	Yes	1.08			1.08						18th Ave.
36.0	5th St.	114+24.50	116+13.50	Left	Waterborne/Solvent Paint	x			Yes	1.59					4.76				Milling, Intermediate, Final Course
37.0	5th St.	114+24.50	116+13.50	Right	Waterborne/Solvent Paint			x	Yes	1.59					4.76				Milling, Intermediate, Final Course
38.0	5th St.	114+24.50	116+13.50	Right	Waterborne/Solvent Paint			x	Yes	2.51		2.51							
39.0	5th St.	116+20.95	116+76.38	Right	Waterborne/Solvent Paint			x	Yes	0.98			0.98						19th Ave.
40.0	5th St.	116+86.50	118+58.35	Left	Waterborne/Solvent Paint	x			Yes	1.44					4.33				Milling, Intermediate, Final Course
41.0	5th St.	116+86.46	118+58.35	Right	Waterborne/Solvent Paint			x	Yes	1.44					4.33				Milling, Intermediate, Final Course
42.0	5th St.	116+86.46	118+58.35	Right	Waterborne/Solvent Paint			x	Yes	2.29		2.29							
43.0	5th St.	118+58.35	118+58.35	Right	Waterborne/Solvent Paint			x	Yes	0.30								0.30	

108_22
11/25/25

PAVEMENT MARKING LINE TYPES

Line factors based on 6-inch wide continuous line.
*BCY4 - Place on the same side of the roadway to match existing markings near the project.
**NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.
***MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.17
BCY6: Broken Centerline (Yellow) @ 0.25
BLC6: Broken Line Contrast (White/Black) @ 0.50
BLW4: Broken Lane Line (White) @ 0.17
BLW6: Broken Lane Line (White) @ 0.25
CBW6: Crosswalk Bar (White) @ 10.00
CHW8: Channelizing Line (White) @ 1.33
CHW10: Channelizing Line (White) @ 1.67
CHY8: Channelizing Line (Yellow) @ 1.33
CHY10: Channelizing Line (Yellow) @ 1.67
CLW6: Crosswalk Line (White) @ 2.00
DCY4: Double Centerline (Yellow) @ 1.34
DCY6: Double Centerline (Yellow) @ 2.00
DDY4: Double Dotted Line (Yellow) @ 0.44
DDY6: Double Dotted Line (Yellow) @ 0.67
DLW4: Dotted Line (White) @ 0.22
DLW6: Dotted Line (White) @ 0.33
DLY4: Dotted Line (Yellow) @ 0.22
DLY6: Dotted Line (Yellow) @ 0.33
ELW4: Edge Line Right (White) @ 0.67
ELW6: Edge Line Right (White) @ 1.00
ELY4: Edge Line Left (Yellow) @ 0.67
ELY6: Edge Line Left (Yellow) @ 1.00
LDW8: Lane Drop (White) @ 0.33
LDW10: Lane Drop (White) @ 0.42
MNY6: Median Nose (Yellow) @ 1.00
NPY4: No Passing Zone Line (Yellow) @ 0.84
NPY6: No Passing Zone Line (Yellow) @ 1.25
RLW4: Ramp Edge Line Right (White) @ 0.67
RLW6: Ramp Edge Line Right (White) @ 1.00
RLY4: Ramp Edge Line Left (Yellow) @ 0.67
RLY6: Ramp Edge Line Left (Yellow) @ 1.00
SLW2: Stop Line (White) @ 4.00
SLW4: Solid Lane Line (White) @ 0.67
SLW6: Solid Lane Line (White) @ 1.00
SPW4: Sloped Curb 4" (White) @ 2.16
SPW6: Sloped Curb 6" (White) @ 2.28
SPY4: Sloped Curb 4" (Yellow) @ 2.16
SPY6: Sloped Curb 6" (Yellow) @ 2.28
STW6: Standard Curb 6" (Yellow) @ 2.03
STY6: Standard Curb 6" (Yellow) @ 2.03
YLW2: Yield Line (White) @ 1.15

Line No.	Road ID	Station From	Station To	Lane	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	CBW6 Factored (STA)	CHW8 Factored (STA)	CLW6 Factored (STA)	DCY4 Factored (STA)	NPY4** Factored (STA)	SLW2 Factored (STA)	SLW4 Factored (STA)	YLW2 Factored (STA)	Remarks
44.0	5th St.	118+67.35	118+67.35	Both	Waterborne/Solvent Paint		x		Yes	4.40	4.40								
45.0	5th St.	119+77.60	120+29.00	Center	Waterborne/Solvent Paint		x		Yes	0.68				2.05					Milling, Intermediate, Final Course
46.0	14th Ave.	199+64.80	201+34.40	Center	Waterborne/Solvent Paint		x		Yes	2.30				6.83					Milling, Intermediate, Final Course
47.0	14th Ave.	201+40.00	201+40.00	Both	Waterborne/Solvent Paint		x		Yes	0.56			0.56						
48.0	14th Ave.	202+19.19	204+57.58	Left	Waterborne/Solvent Paint	x			Yes	3.18		3.18							
49.0	14th Ave.	202+18.70	204+57.63	Center	Waterborne/Solvent Paint		x		Yes	3.20				9.61					Milling, Intermediate, Final Course
50.0	14th Ave.	201+44.00	204+57.68	Right	Waterborne/Solvent Paint			x	Yes	4.12		4.12							
51.0	14th Ave.	204+65.13	204+65.13	Both	Waterborne/Solvent Paint		x		Yes	0.96			0.96						4th St.
52.0	14th Ave.	204+66.67	205+14.25	Right	Waterborne/Solvent Paint			x	Yes	0.88			0.88						4th St.
53.0	14th Ave.	205+18.39	205+18.39	Both	Waterborne/Solvent Paint		x		Yes	0.90			0.90						4th St.
54.0	14th Ave.	204+66.60	205+15.00	Left	Waterborne/Solvent Paint	x			Yes	0.92			0.92						4th St.
55.0	14th Ave.	205+25.84	207+65.33	Left	Waterborne/Solvent Paint	x			Yes	3.19		3.19							
56.0	14th Ave.	205+25.84	207+65.34	Center	Waterborne/Solvent Paint		x		Yes	3.22				9.65					Milling, Intermediate, Final Course
57.0	14th Ave.	205+25.85	207+65.34	Right	Waterborne/Solvent Paint			x	Yes	3.19		3.19							
58.0	14th Ave.	207+65.34	207+65.34	Right	Waterborne/Solvent Paint			x	Yes	0.88						0.88			
59.0	20th Ave.	1+03.57	3+94.32	Center	Waterborne/Solvent Paint		x		Yes	3.93				11.78					Milling, Intermediate, Final Course
60.0	20th Ave.	2+54.00	3+94.25	Right	Waterborne/Solvent Paint			x	Yes	0.95							2.85		Milling, Intermediate, Final Course
61.0	20th Ave.	3+90.53	3+94.25	Right	Waterborne/Solvent Paint			x	Yes	0.52								0.52	
62.0	5th St.	119+77.60	119+77.60	SB	Waterborne/Solvent Paint	x			Yes	0.72						0.72			
Total:										**144.3**	**31.5**	**56.73**	**14**	**47.08**	**54.71**	**1.6**	**2.85**	**0.82**	

Bid Quantity DIV I: Factored Painted Pavement Markings, Waterborne or Solvent Based: 160.9 Sta.
Bid Quantity DIV II: Factored Painted Pavement Markings, Waterborne or Solvent Based: 45.6 Sta.
Bid Quantity DIV I: Factored Grooves Cut for Pavement Markings: 97.3 Sta.
Bid Quantity DIV II: Factored Grooves Cut for Pavement Markings: 45.6 Sta.

102_16
11/1/24

NOTCHES AND RUNOUTS FOR RESURFACING

Refer to PR-201 and PR-202.

(1) Bid item. Applies only to Types 'N1' and 'N3' on PR-202. Refer to 100-25 for remaining values.

Line No.	Station	Type of Notch or Runout	S (IN)	I (IN)	DI (IN)	L (FT)	M (IN)	Pavement Scarification (SY) (1)	Remarks
1.0	103+00.99	Type N4	1.5			39.7	1.5		
2.0	103+44.31	Type N4	1.5			35.7	1.5		
3.0	106+04.57	Type N4	1.5			35.3	1.5		
4.0	106+04.30	Type N4	1.5			30.8	1.5		
5.0	108+63.98	Type N4	1.5			36.3	1.5		
6.0	108+66.45	Type N4	1.5			32.7	1.5		
7.0	111+24.13	Type N4	1.5			25.9	1.5		
8.0	113+84.12	Type N4	1.5			25.8	1.5		
9.0	116+44.97	Type N4	1.5			27.7	1.5		
10.0	121+55.64	Type N4	1.5			32.1	1.5		
11.0	3+15.96	Type N4	1.5			39.9	1.5		
12.0	200+10.03	Type N4	1.5			26.2	1.5		
13.0	201+88.01	Type N4	1.5			34.3	1.5		
14.0	204+91.52	Type N4	1.5			34.9	1.5		
15.0	204+89.84	Type N4	1.5			31.6	1.5		

102_03
10/15/24

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.

Line No.	Station	Side	Access Type	Descriptor	Case	Curb Type	Curb Length (1) (LF)	Width (FT)	PR (1) (2) (FT)	SR (2) (FT)	Pipe Culvert (H) (3) (FT)	Pipe Culvert Size (3) (IN)	Culvert Length (3) (LF)	Pipe Culvert Lt. (3) (LF)	Pipe Culvert Rt. (3) (LF)	Culvert Aprons (3) (No.)	Driveway Surface Type	Driveway Surface Area (SY)	Driveway Surfacing Material (TON)	Remarks
1.0	104+29.48	Left			2	1.5 inch Dropped	10.5	105.0									PCC	8.2		
2.0	104+33.22	Right			2	3.0 inch Dropped	18.7	18.7									PCC	14.6		
3.0	106+91.60	Right			2	3.0 inch Dropped	10.3	10.3									PCC	8.0		
4.0	107+39.15	Left			2	3.0 inch Dropped	12.2	12.2									PCC	9.5		
5.0	107+76.19	Right			2	3.0 inch Dropped	12.9	12.9									PCC	10.0	10.000	
6.0	109+89.87	Left			2	1.5 inch Dropped	13.2	13.2									PCC	10.2	10.000	
7.0	110+04.33	Right			2	3.0 inch Dropped	13.0	13.0									PCC	10.1		
8.0	110+46.44	Left			2	1.5 inch Dropped	17.3	17.3									PCC	13.4	10.000	
9.0	111+65.08	Left			2	1.5 inch Dropped	16.6	16.6									PCC	12.9		
10.0	112+41.24	Left			2	1.5 inch Dropped	21.5	21.5									PCC	16.7		
11.0	113+95.90	Left			2	1.5 inch Dropped	19.6	19.6									PCC	15.2		
12.0	115+47.41	Left			2	1.5 inch Dropped	19.5	19.5									PCC	15.2		
13.0	116+43.60	Left			2	1.5 inch Dropped	21.9	21.9									PCC	17.0		
14.0	117+08.45	Right			2	3.0 inch Dropped	18.6	18.6									PCC	14.4		
15.0	117+13.90	Left			2	1.5 inch Dropped	18.3	18.3									PCC	14.2		
16.0	117+40.78	Left			2	1.5 inch Dropped	17.6	17.6									PCC	13.7		
17.0	118+02.92	Right			2	3.0 inch Dropped	20.9	20.9									PCC	16.2		
18.0	118+90.69	Right			2	1.5 inch Dropped	29.2	29.2									PCC	22.7		
19.0	120+20.25	Right			2	3.0 inch Dropped	20.3	20.3									PCC	15.8		
20.0	1+47.46	Right			2	1.5 inch Dropped	67.0	27.0									PCC	188.4		
21.0	2+73.89				2	1.5 inch Dropped	40.0	33.9									PCC	43.2		
23.0	201+61.00	Right			2	1.5 inch Dropped	11.2	11.2									PCC	12.8		
23.0	202+23.21	Right			2	1.5 inch Dropped	16.2	13.2									PCC	13.2	10.000	
24.0	203+21.98	Right			2	1.5 inch Dropped	19.7	15.7									PCC	16.6		
26.0	206+07.31	Right			2	1.5 inch Dropped	18.2	12.0									PCC	14.0	10.000	
27.0	206+66.18	Right			2	1.5 inch Dropped	29.4	27.6									PCC	29.5	10.000	
28.0	207+43.47	Right			2	1.5 inch Dropped	32.5	30.5									PCC	30.6	10.000	
29.0	207+62.64	Right			2	1.5 inch Dropped	13.2	13.2									PCC	13.2		
Total:																		**619.5**		

232_03B
9/28/22

EROSION CONTROL (URBAN SEEDING)

Area to be seeded is estimated to be less than 1 acre. If the Contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications.

Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed, fertilizer, and mulch on the disturbed area as follows:

Place seed and fertilize according to the requirements of Article 2601.03,C,4 and Section 4169 of the Standard Specifications.

Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are incidental to mobilization and will not be paid for separately.

ADJUSTMENT OF FIXTURES

Line No.	Item No.	Location Station	Side	Distance	Type of Fixture	Adjustment
1.0	Minor	106+02.23	Right		Sanitary	
2.0	Minor	111+21.96	Left		Sanitary	
3.0	Minor	113+83.88	Left		Sanitary	
4.0	Minor	116+44.60	Left		Sanitary	
5.0	Minor	118+93.57	Left		Sanitary	
6.0	Minor	202+49.53	Left		Sanitary	
7.0	Minor	103+69.31	Right	42.0	Water Valve	
8.0	Minor	105+37.92	Right	27.7	Water Valve	
9.0	Minor	106+11.51	Right	12.9	Water Valve	
10.0	Minor	106+12.04	Right	25.3	Water Valve	
11.0	Minor	106+14.88	Right	8.1	Water Valve	
12.0	Minor	106+43.40	Right	10.6	Water Valve	
13.0	Minor	106+48.61	Right	27.3	Water Valve	
14.0	Minor	107+45.26	Left	23.9	Water Valve	
15.0	Minor	108+71.77	Right	10.7	Water Valve	
16.0	Minor	108+74.16	Right	9.8	Water Valve	
17.0	Minor	108+83.94	Right	13.7	Water Valve	
18.0	Minor	108+85.69	Right	11.1	Water Valve	
19.0	Minor	108+89.45	Right	30.7	Water Valve	
20.0	Minor	109+73.01	Right	25.8	Water Valve	
21.0	Minor	113+44.44	Right	24.7	Water Valve	
22.0	Minor	113+61.29	Right	30.7	Water Valve	
23.0	Minor	108+96.13	Left	21.38	Storm	
23.0	Minor	113+65.17	Right	10.0	Water Valve	
24.0	Minor	115+41.81	Right	29.1	Water Valve	
25.0	Minor	119+38.62	Left	11.7	Water Valve	
26.0	Minor	201+93.13	Left	15.6	Water Valve	
27.0	Minor	201+94.26	Left	13.8	Water Valve	
28.0	Minor	207+68.82	Left	11.9	Water Valve	
29.0	Minor	207+67.22	Left	21.54	Storm	
30.0	Minor	108+98.13	Right	21.50	Storm	
31.0	Minor	110+70.35	Right	20.52	Storm	
32.0	Minor	110+87.90	Left	19.75	Storm	
33.0	Minor	113+31.24	Right	22.17	Storm	
34.0	Minor	116+08.99	Right	20.55	Storm	

SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- SB Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- G Grave
- CV Cave
- SH 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
- WH Water Hydrant (Rural)
- ST Septic Tank
- C Cistern
- LP L.P. Gas Tank (No Footing)
- UST Underground Storage Tank
- Latrine
- Satellite TV Dish
- WHU Water Hook Up
- RT Radio Tower
- TA Tower Anchor
- Guardrail (Beam or Cable)
- GP Guard Post (one or two)
- Guard Post (over two)
- FP Filler Pipe
- GV Gas Valve
- WV Water Valve
- SL Speed Limit Sign
- MM Mile Marker Post
- SIGN Sign
- TCB Traffic Signal Control Box
- RRB Rail Road Signal Control Box
- TSB Telephone Switch Box
- EB 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.			Transparency
Pink, Dark	(13)		Temporary Pavement Shading	50%
Yellow	(4)		Proposed Pavement Shading	50%
Orange	(6)		Proposed Granular Shading	50%
Orange	(70)		Proposed Shoulder Granular Shading	50%
Yellow	(68)		Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)		Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)		Grading Shading	50%
Orange, Light	(134)		Proposed Granular Entrance Shading	50%
Yellow	(220)		Proposed Paved Entrance Shading	50%
Tan	(8)		Proposed Sidewalk Shading	50%
Blue, Light	(230)		Proposed Sidewalk Landing Shading	50%
Pink	(11)		Proposed Sidewalk Ramp Shading	50%
Red	(3)		Proposed Structure Shading	50%
Red	(3)		Delineates Restricted Areas	0%

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.		
Green	(10)		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

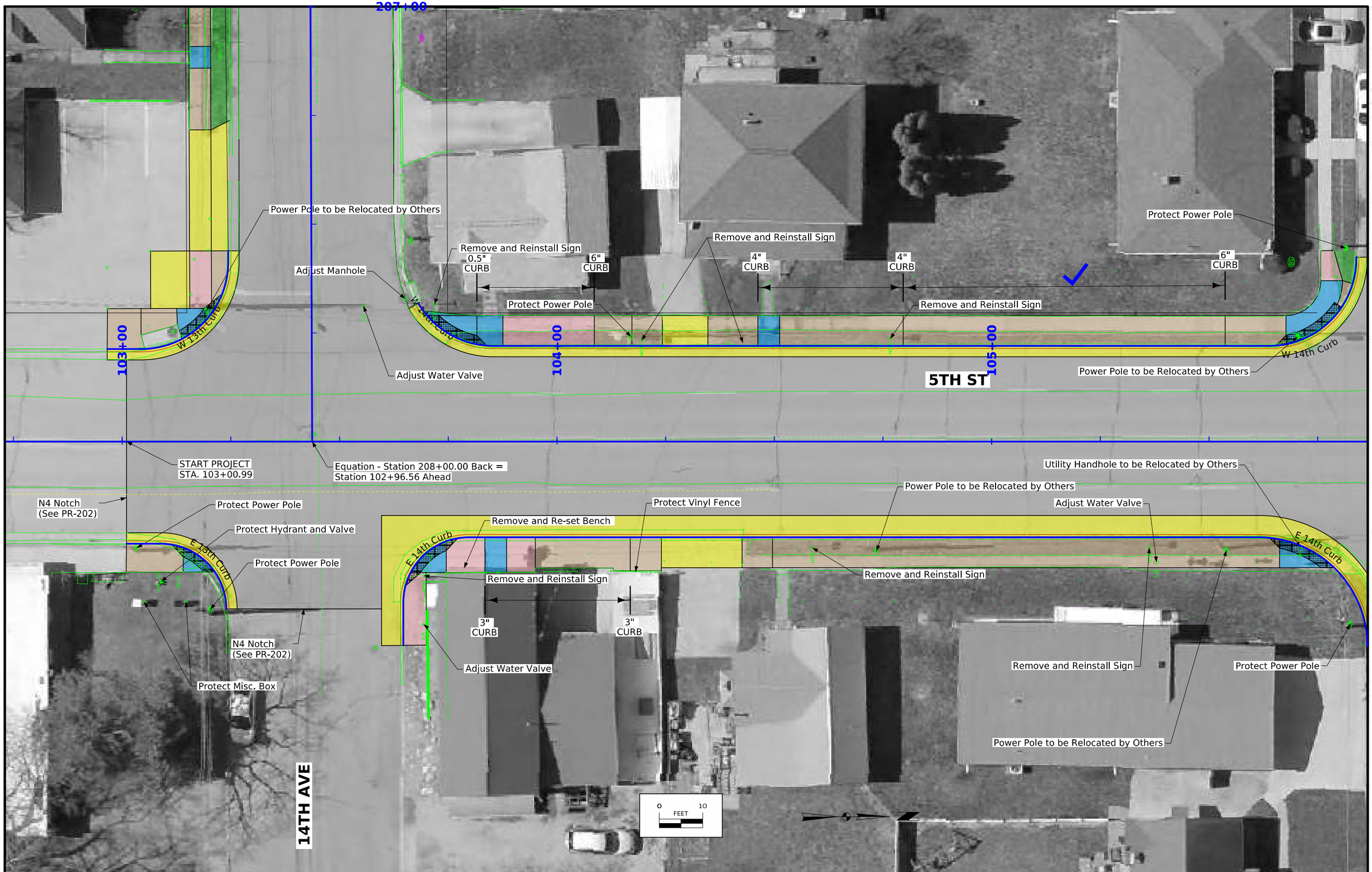
- Reference Point / Station — Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

RIGHT-OF-WAY LEGEND

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES D, E, F, & K)



FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.2

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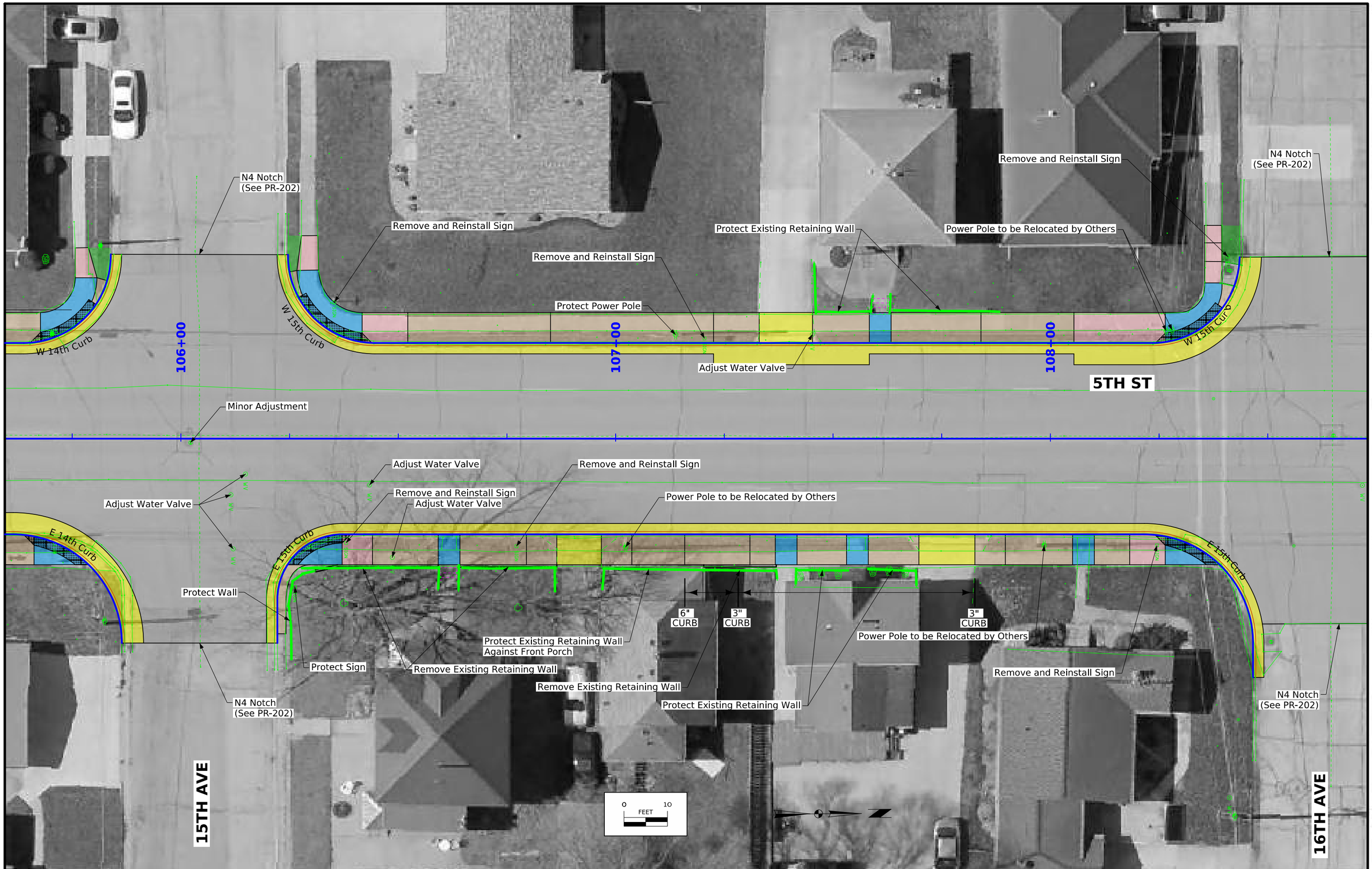

FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.3

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FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.4

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FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.5

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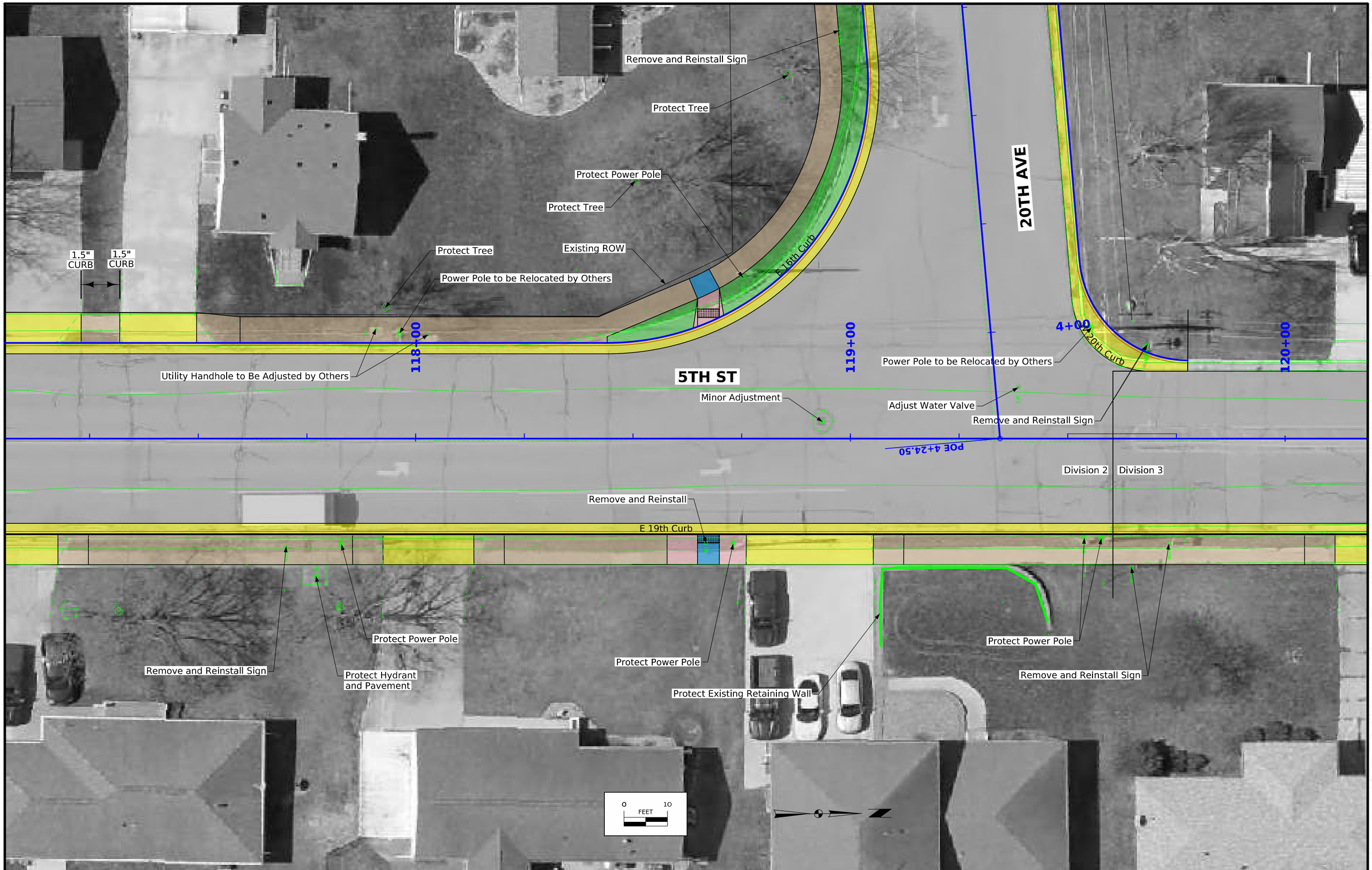

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FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.8

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FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.9

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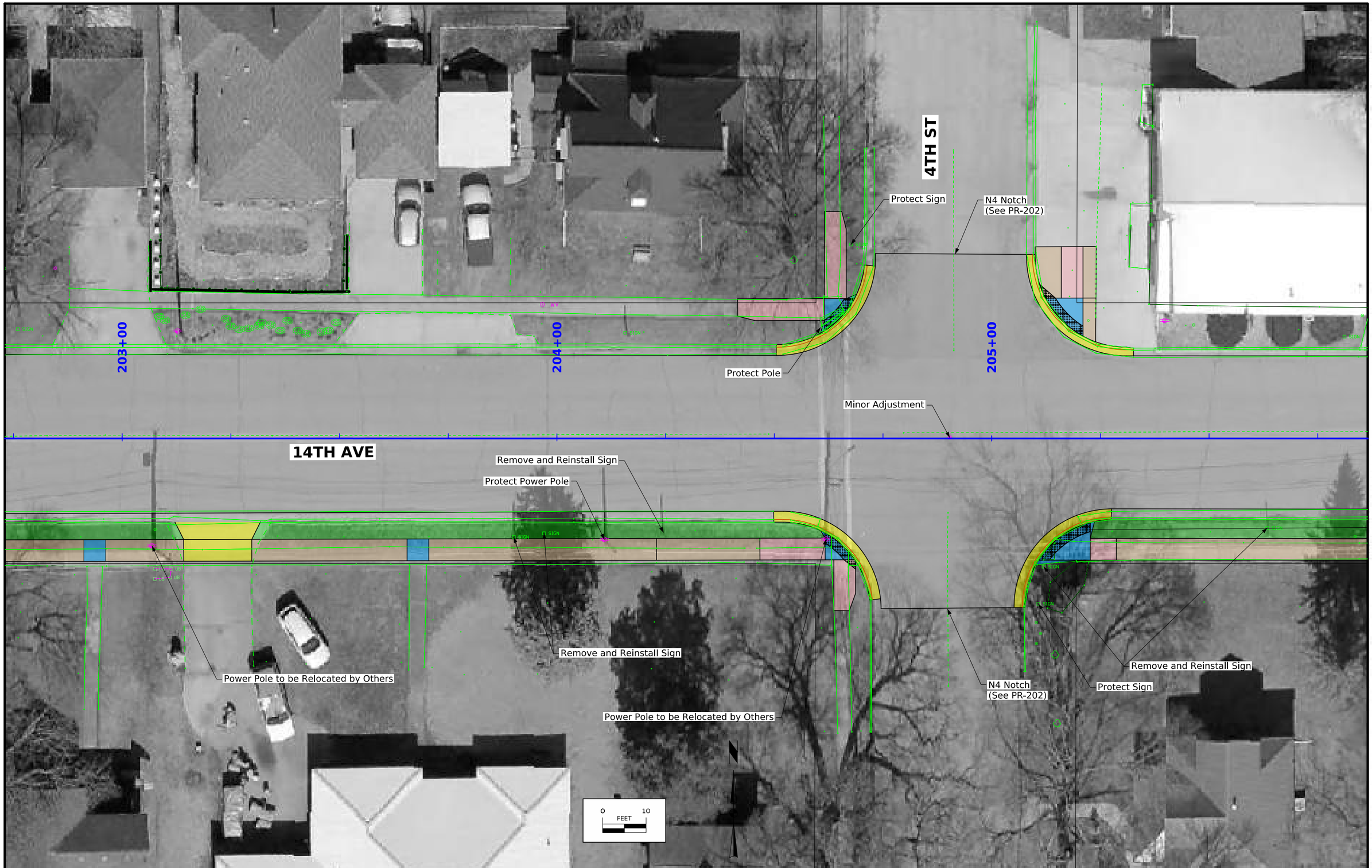

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FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER D.12

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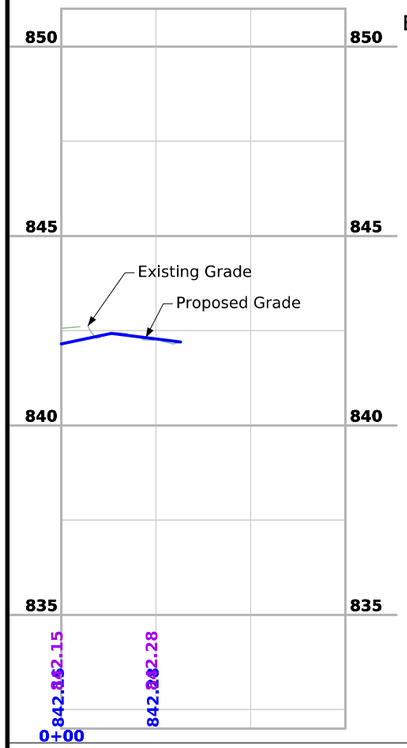

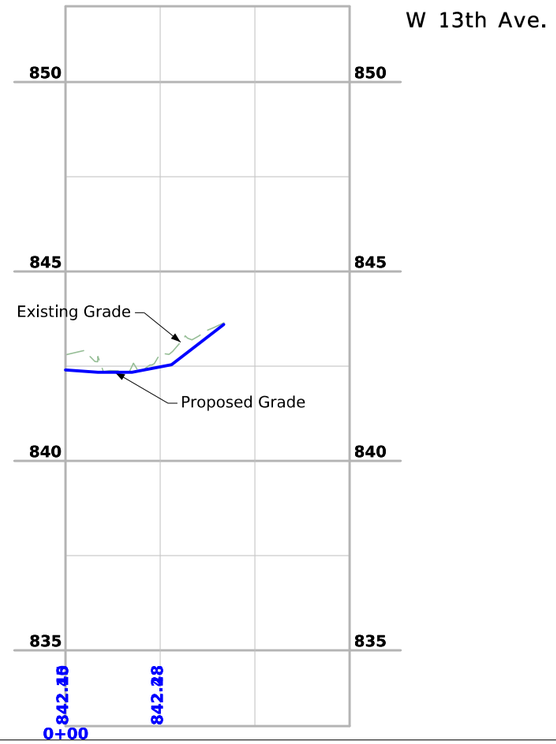

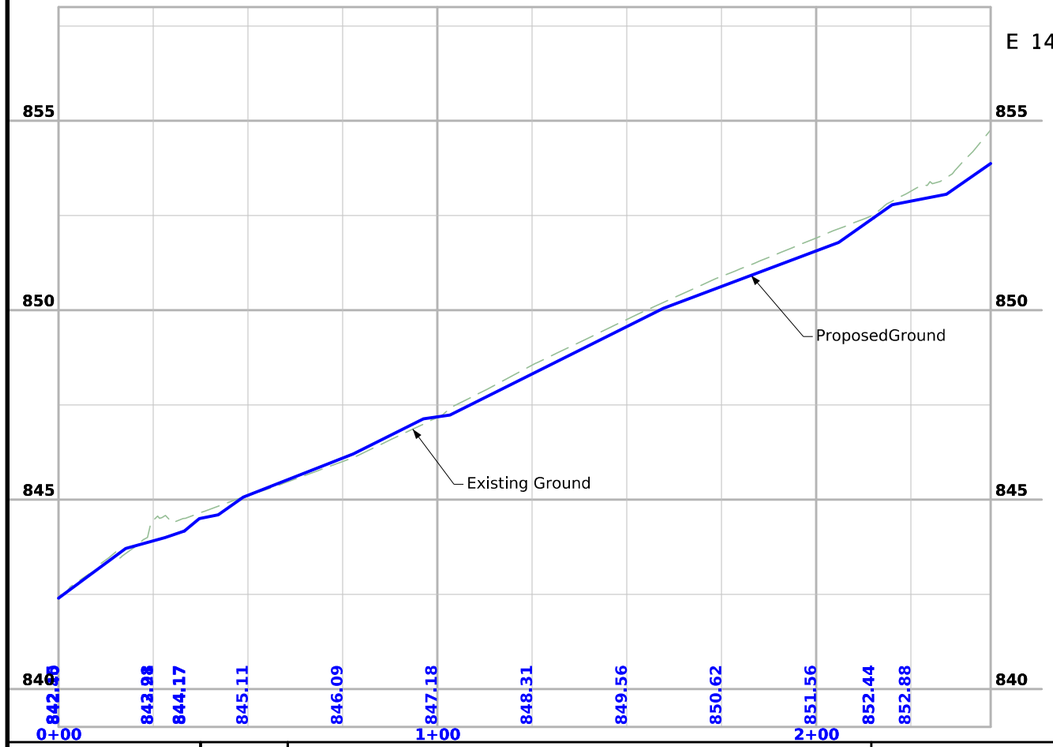

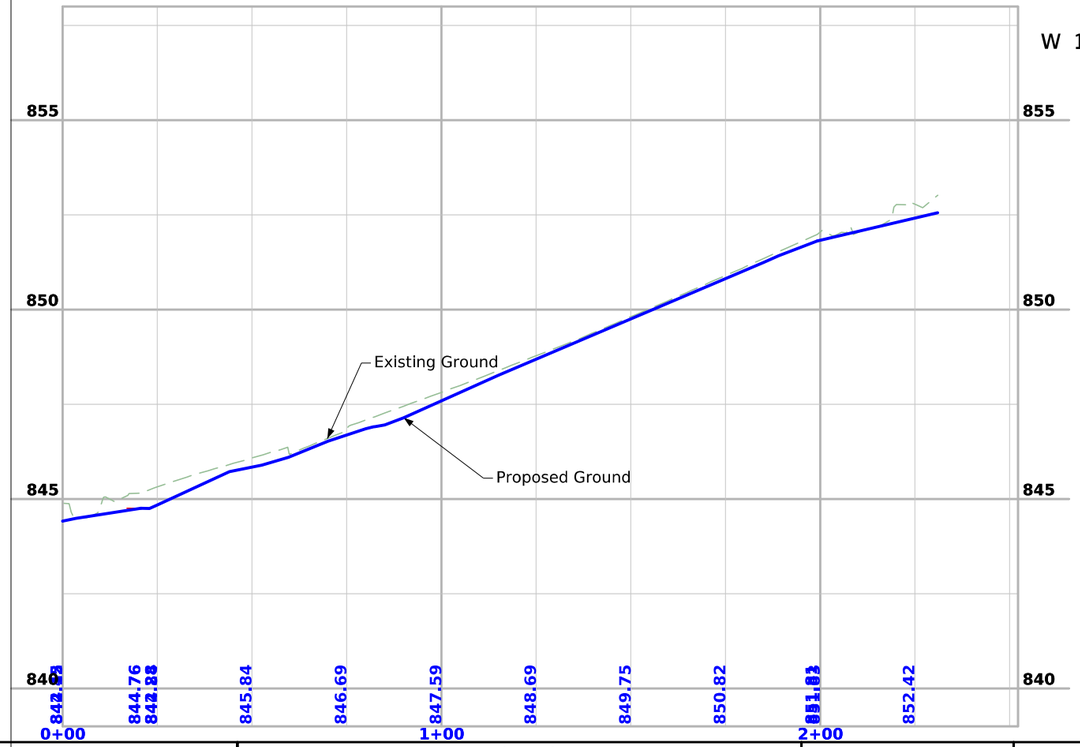

FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER G.1

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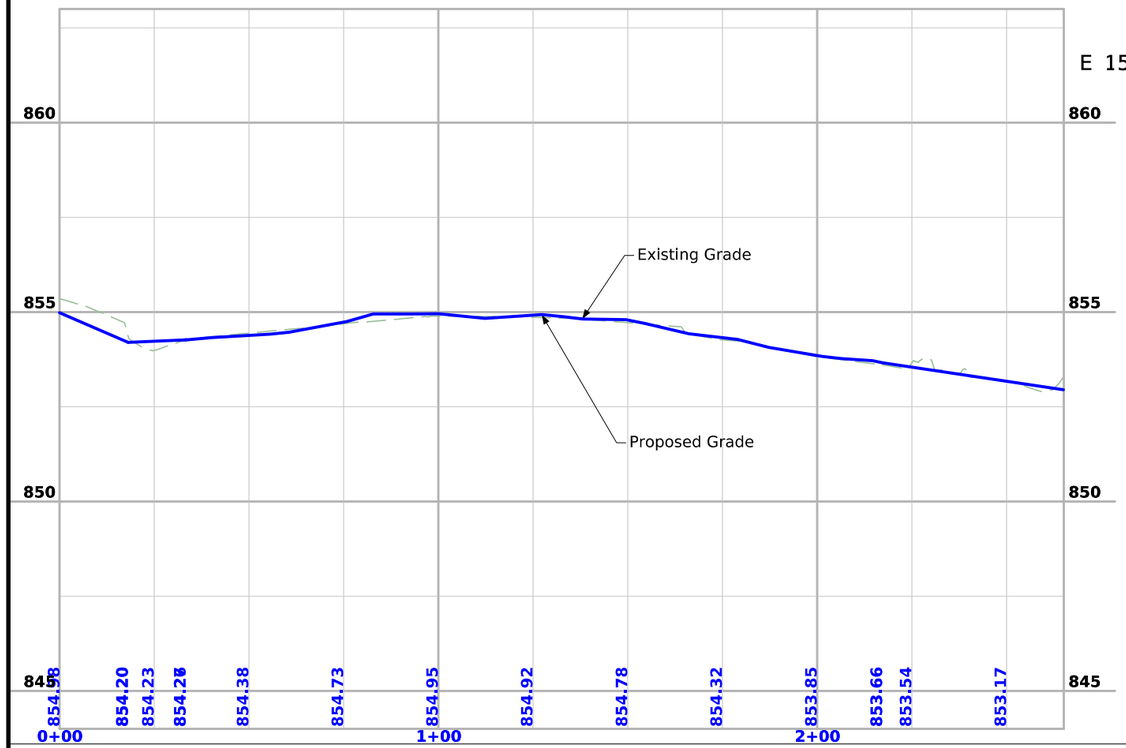
W 14th - Profile 1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860
855
850
845
Existing Grade
Proposed Grade
854.20
854.23
854.38
854.73
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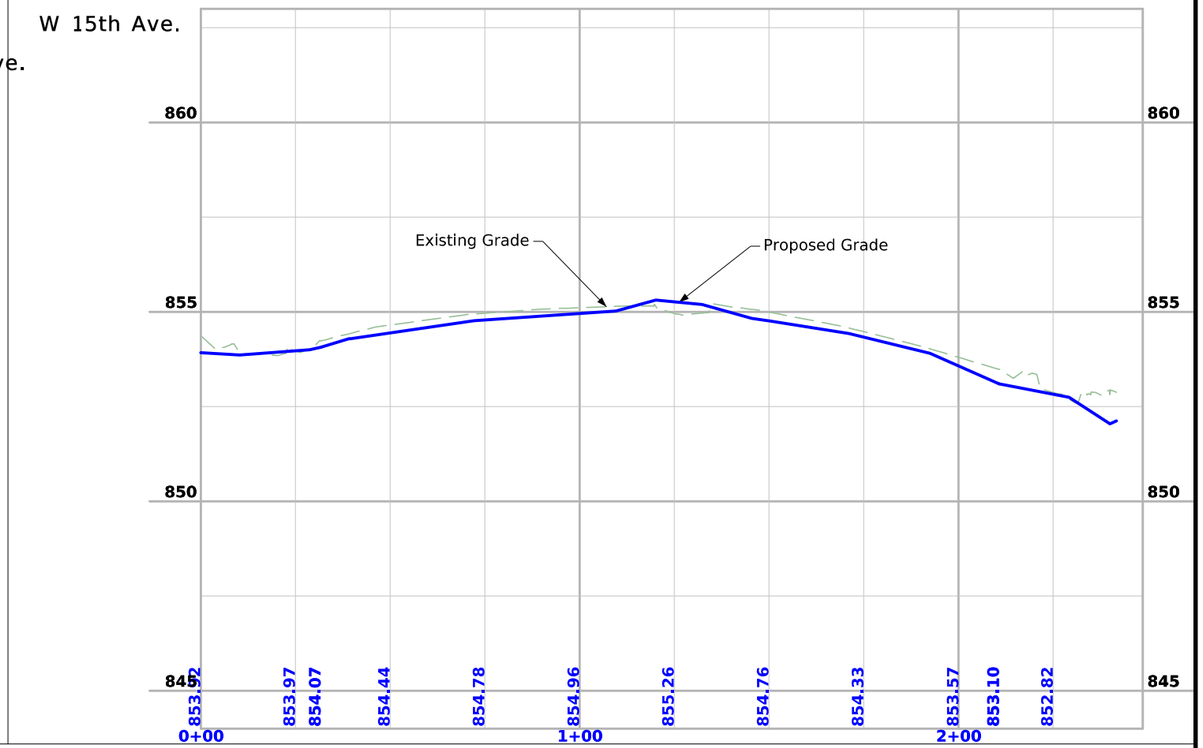
854.32
853.85
853.66
853.54
853.17
0+00
1+00
2+00


W 15th Ave.
860
855
850
845
Existing Grade
Proposed Grade
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854.07
854.44
854.78
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854.33
853.57
853.10
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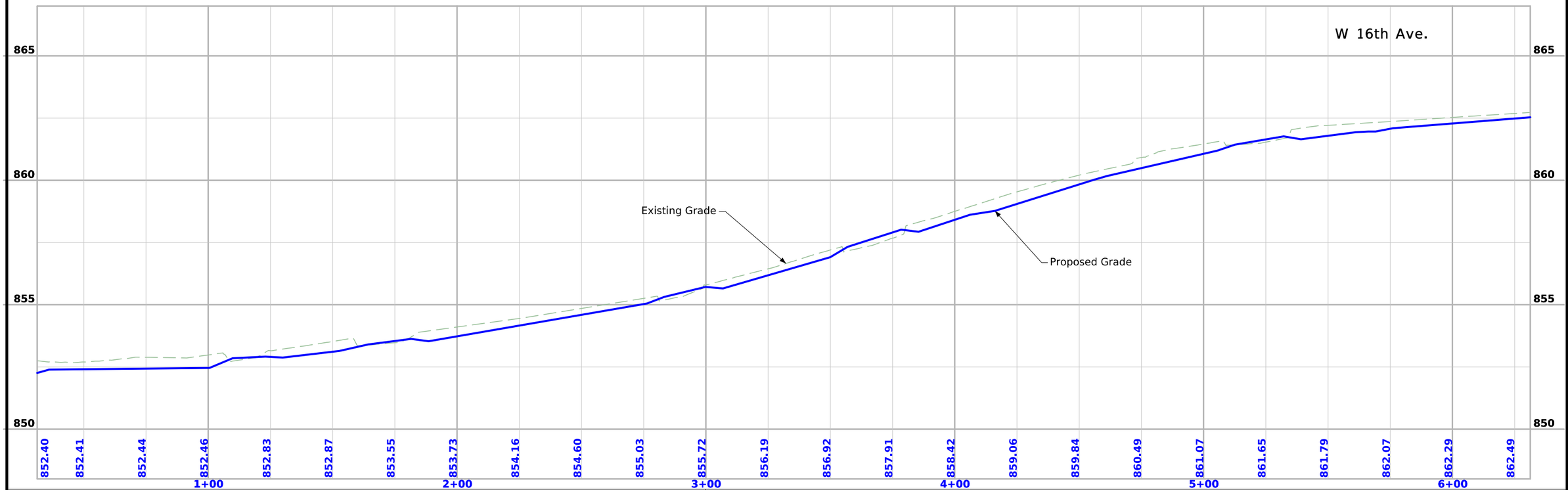
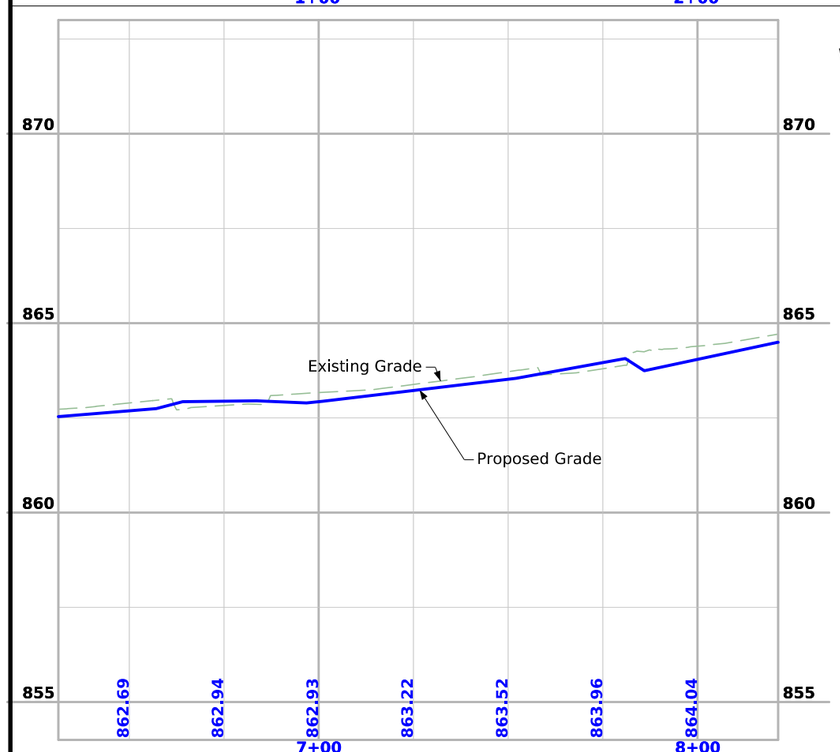
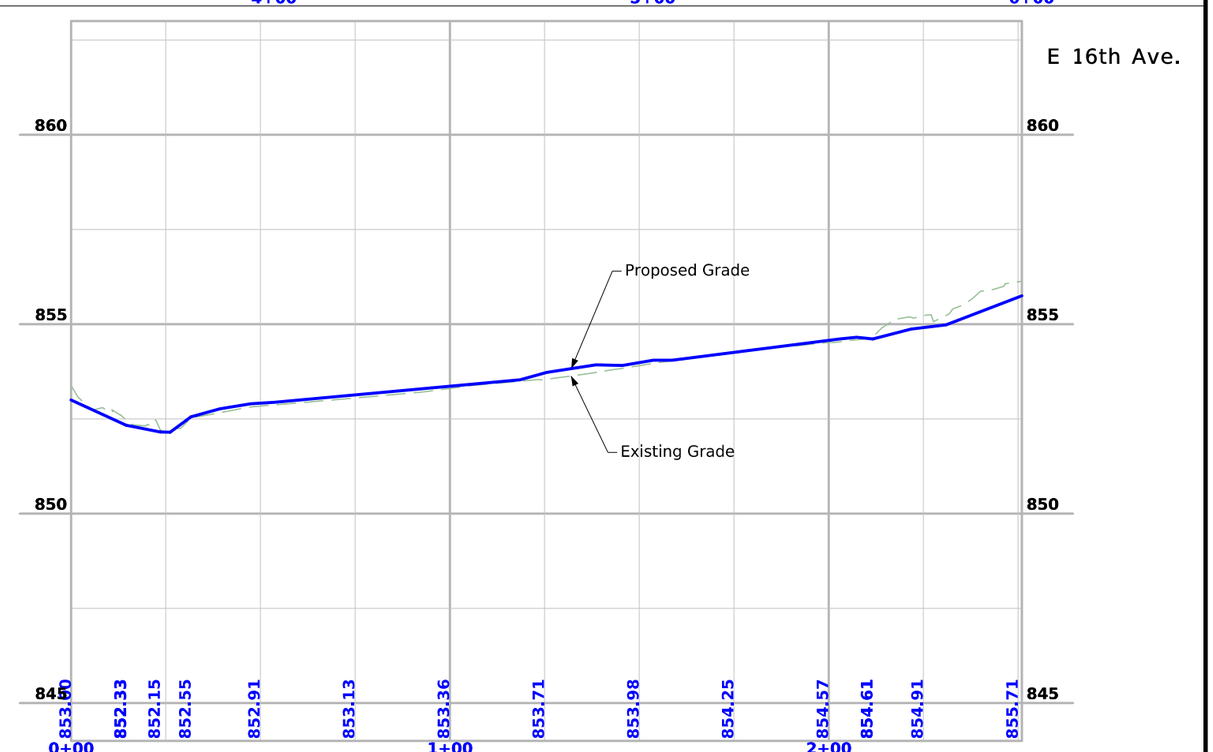
0+00
1+00
2+00







FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER G.3

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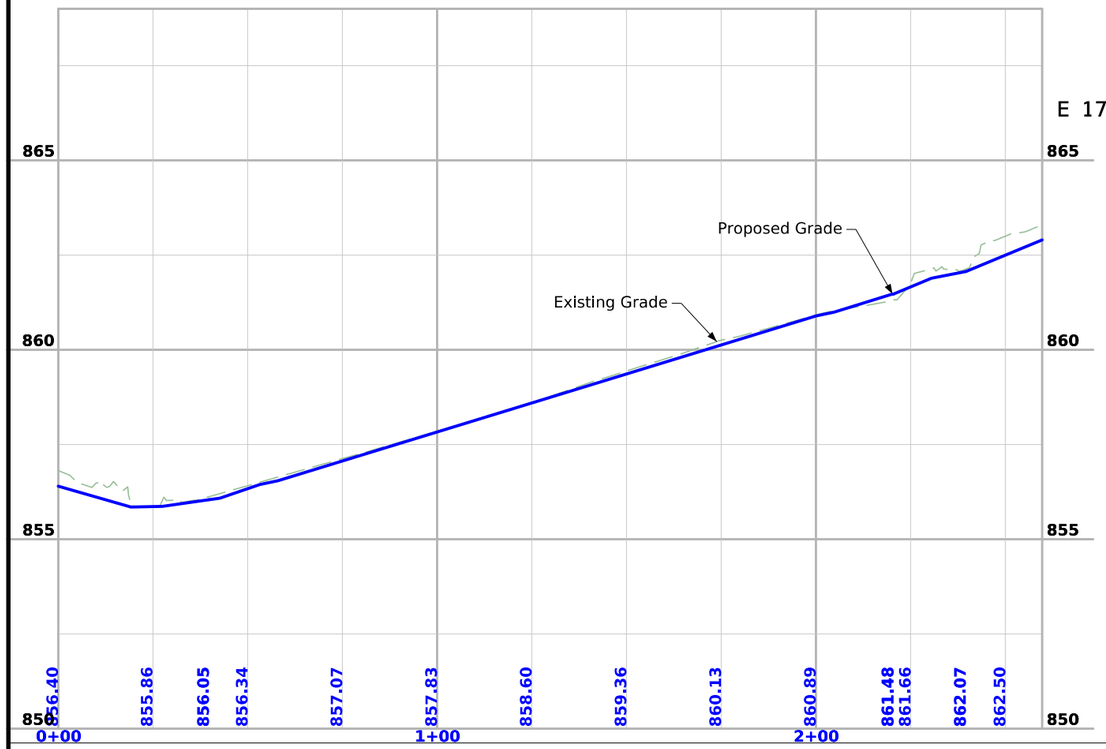

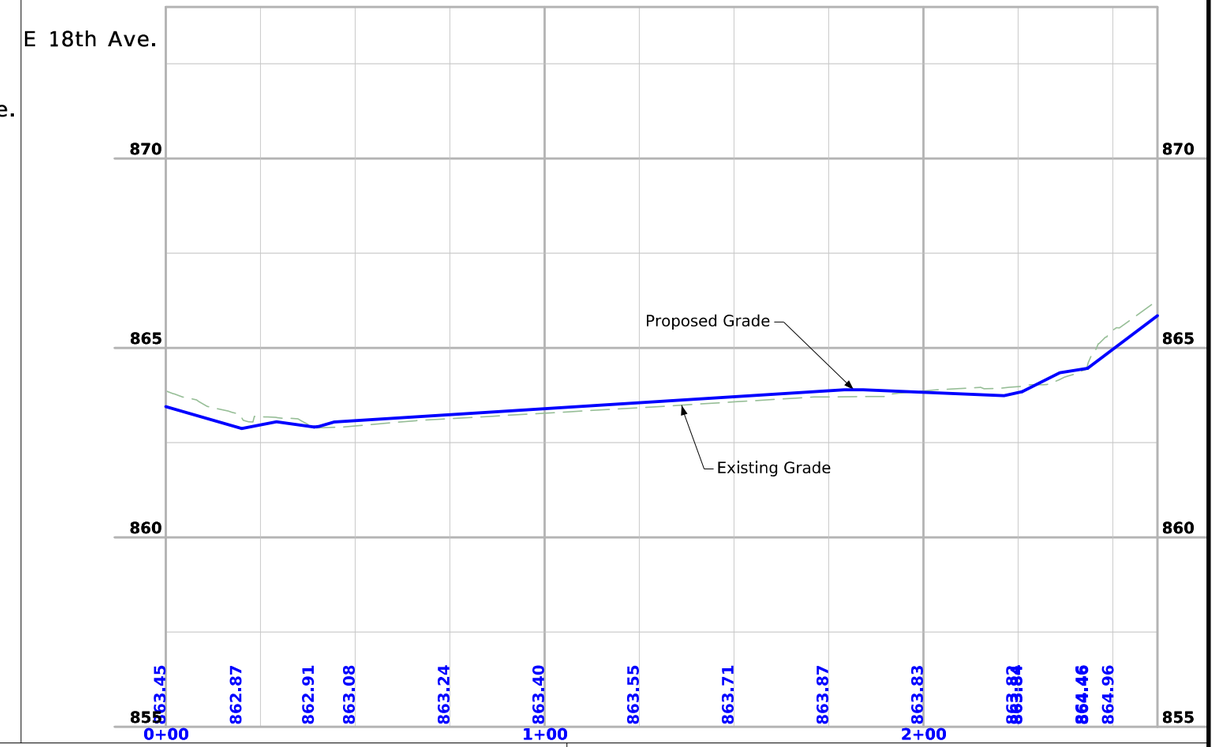

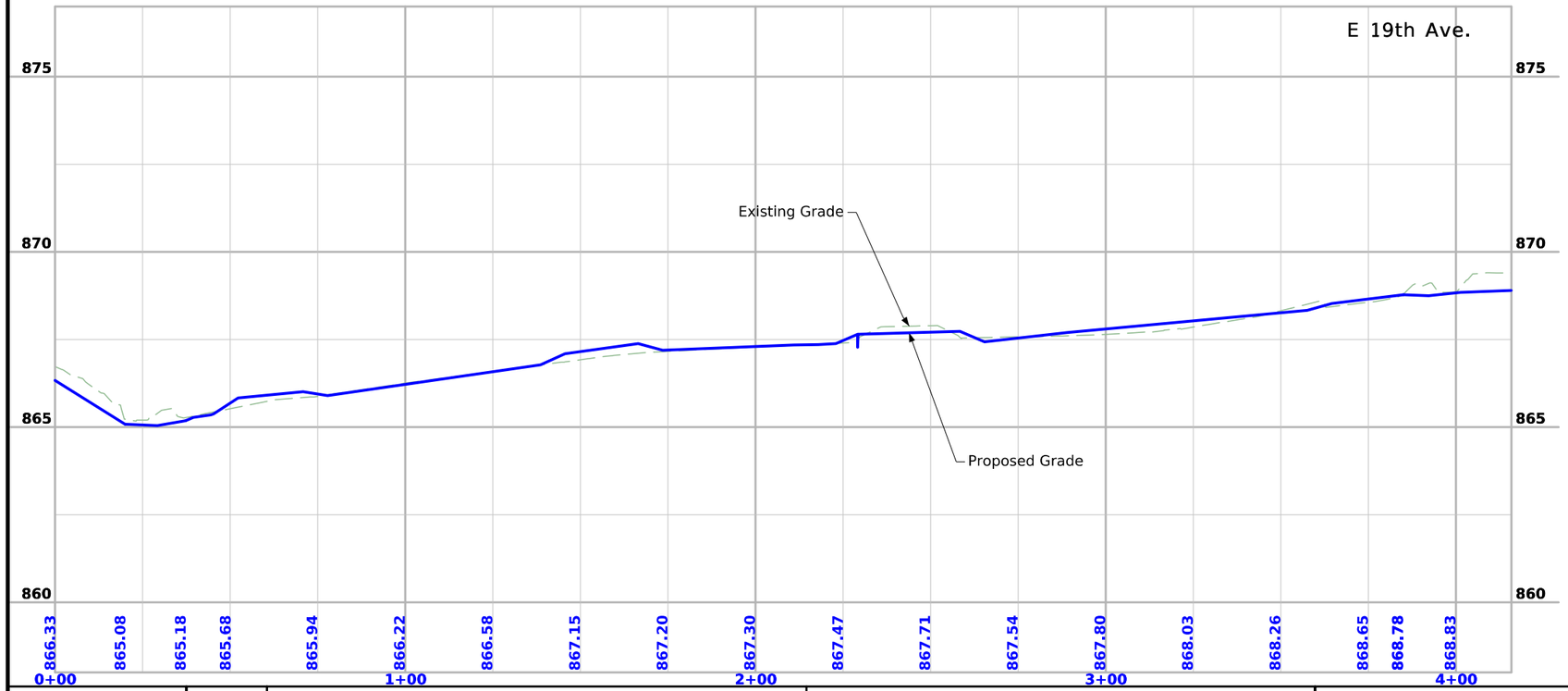

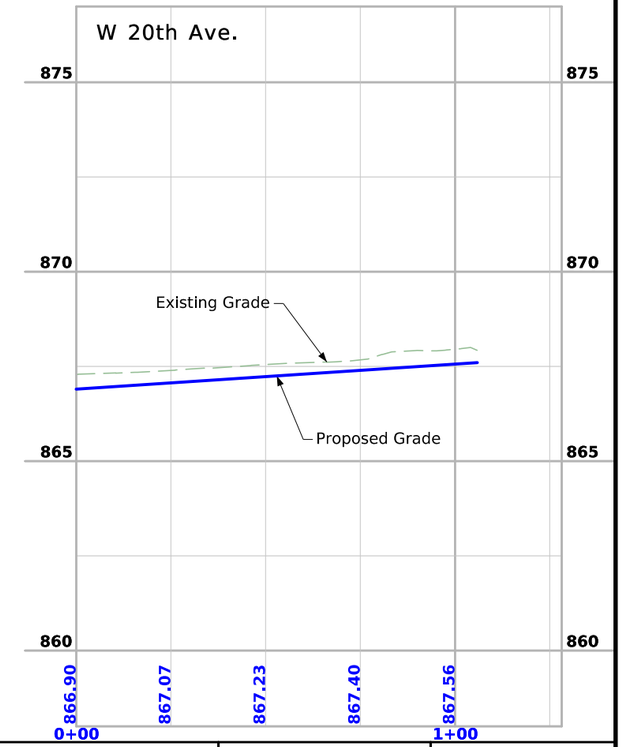

FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER G.4

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ALIGNMENT COORDINATES

Name	Location	Point on Tangent			Begin Spiral			Begin Curve			Simple Curve PI or Master PI of SCS			End Curve			End Spiral		
		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates	
			Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)
1	5thStCL	9700.000 R1	8814134.16	15509545.46															
1	5thStCL	12155.645 R1	8816589.75	15509561.52															
1	14th AvenueCL	20000.000 R1	8814731.34	15508755.35															
2	14th AvenueCL							20151.963 R1	8814769.21	15508902.52	20193.031 R1	8814779.44	15508942.29	20233.655 R1	8814779.34	15508983.36			
3	14th AvenueCL	20799.962 R1	8814777.83	15509549.67															
1	20th Ave CL	+00.00	8816334.74	15509136.92															
2	20th Ave CL	1+97.67	8816350.17	15509333.98															
2	20th Ave CL	4+24.50	8816368.52	15509560.07															
1	W_13th_Curb	+00.00	8814730.85	15509528.09															
2	W_13th_Curb							+07.79	8814738.64	15509528.15	+27.72	8814758.56	15509528.32	+39.14	8814758.80	15509508.39			
3	W_13th_Curb	+41.83	8814758.84	15509505.70															
1	E_13th_Curb	+00.00	8814734.98	15509572.86															
2	E_13th_Curb							+07.97	8814742.95	15509572.92	+22.96	8814757.94	15509573.02	+31.52	8814757.85	15509588.01			
1	W_14th_Curb							+00.00	8814802.46	15509518.05	+11.38	8814808.21	15509527.86	+20.69	8814819.58	15509527.94			
3	W_14th_Curb							1+99.25	8814998.14	15509529.11	2+19.63	8815018.52	15509529.24	2+31.04	8815018.27	15509508.86			
1	E_14th_Curb	+00.00	8814798.50	15509596.66															
2	E_14th_Curb							+09.86	8814798.57	15509586.80	+24.86	8814798.67	15509571.80	+33.42	8814813.67	15509571.90			
4	E_14th_Curb							2+15.18	8814995.42	15509573.09	2+40.18	8815020.42	15509573.25	2+54.45	8815020.26	15509598.25			
1	E_15th_Curb	+00.00	8815056.02	15509598.49															
2	E_15th_Curb							+10.02	8815056.10	15509588.46	+25.00	8815056.22	15509573.49	+33.56	8815071.20	15509573.59			
4	E_15th_Curb							2+17.97	8815255.61	15509574.79	2+42.97	8815280.60	15509574.95	2+57.24	8815280.44	15509599.95			
5	E_15th_Curb	2+65.13	8815280.39	15509607.84															
1	W_15th_Curb							+00.00	8815059.07	15509509.21	+20.30	8815058.64	15509529.50	+31.71	8815078.93	15509529.64			
3	W_15th_Curb							2+10.59	8815257.81	15509530.80	2+30.30	8815277.51	15509530.93	2+41.71	8815277.93	15509511.23			
1	E_16th_Curb	+00.00	8815317.87	15509595.67															
2	E_16th_Curb							+01.86	8815318.01	15509593.82	+20.52	8815319.42	15509575.21	+31.89	8815338.08	15509575.33			
4	E_16th_Curb							2+11.77	8815517.96	15509576.51	2+36.77	8815542.96	15509576.67	2+51.04	8815542.79	15509601.67			
1	W_16th_Curb							+00.00	8815319.22	15509511.35	+19.85	8815319.24	15509531.21	+31.27	8815339.09	15509531.34			
3	W_16th_Curb							9+70.52	8816278.32	15509537.48	10+35.82	8816343.62	15509537.91	10+69.84	8816338.53	15509472.80			
4	W_16th_Curb	10+89.62	8816336.99	15509453.08															
1	E_17th_Curb	+00.00	8815573.53	15509601.87															
2	E_17th_Curb							+04.92	8815573.54	15509596.95	+25.00	8815573.60	15509576.87	+36.42	8815593.68	15509577.00			
4	E_17th_Curb							2+20.42	8815777.68	15509578.21	2+45.42	8815802.68	15509578.37	2+59.69	8815802.51	15509603.37			
1	E_18th_Curb							+00.00	8815833.36	15509603.57	+25.00	8815833.52	15509578.57	+39.27	8815858.52	15509578.73			
3	E_18th_Curb							2+28.19	8816047.44	15509579.97	2+43.17	8816062.41	15509580.07	2+51.73	8816062.34	15509595.04			
4	E_18th_Curb	2+61.75	8816062.29	15509605.07															
1	E_19th_Curb							+00.00	8816094.99	15509605.28	+25.00	8816095.15	15509580.28	+39.27	8816120.15	15509580.45			
3	E_19th_Curb							3+82.14	8816463.01	15509582.69	4+02.10	8816482.97	15509582.82	4+15.82	8816487.26	15509602.31			
1	W_20th_Curb	+00.00	8816381.82	15509450.72															
2	W_20th_Curb							+68.77	8816387.09	15509519.28	+91.73	8816388.85	15509542.18	1+05.91	8816411.81	15509542.37			

SPIRAL OR CIRCULAR CURVE DATA

Name	Location	ΔSCS	Horizontal Alignment Data													Remarks
			Spiral Data								Curve Data					
			θS	Ls	Ts	Es	Xc	Yc	L.T.	S.T.	ΔC	T	L	R	E	
C1	GeomBLRv										14.581	41.068	81.692	321	2.616	
C1	W_13th_Curb										89.793	19.928	31.344	20	8.233	
C1	E_13th_Curb										89.971	14.993	23.554	15	6.208	
C1	W_14th_Curb										59.257	11.375	20.685	20	3.008	
C2	W_14th_Curb										91.081	20.381	31.793	20	8.555	
C1	E_14th_Curb										90.000	15.000	23.562	15	6.213	
C2	E_14th_Curb										90.000	25.000	39.270	25	10.355	
C1	E_15th_Curb										89.913	14.977	23.539	15	6.197	
C2	E_15th_Curb										90.000	25.000	39.270	25	10.355	
C1	W_15th_Curb										90.843	20.296	31.710	20	8.495	
C2	W_15th_Curb										89.162	19.709	31.123	20	8.079	
C1	W_16th_Curb										89.578	19.853	31.268	20	8.181	
C2	W_16th_Curb										94.848	65.305	99.325	60	28.683	
C1	E_16th_Curb										86.039	18.663	30.033	20	7.355	
C2	E_16th_Curb										90.000	25.000	39.270	25	10.355	
C1	E_17th_Curb										90.223	20.078	31.494	20	8.339	
C2	E_17th_Curb										90.000	25.000	39.270	25	10.355	
C1	E_18th_Curb										90.000	25.000	39.270	25	10.355	
C2	E_18th_Curb										89.903	14.975	23.537	15	6.195	
C1	E_19th_Curb										90.000	25.000	39.270	25	10.355	
C2	E_19th_Curb										77.202	19.958	33.686	25	6.989	
C1	W_20th_Curb										85.135	22.962	37.147	25	8.945	

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 No.	Remarks
14th Avenue	ALL	4	
15th Avenue	ALL	4	
16th Avenue	ALL	4	
17th Avenue	ALL	2	
18th Avenue	ALL	2	
19th Avenue	ALL	2	
20th Avenue	ALL	2	
21st Avenue	ALL	2	
3rd Street	ALL	2	
4th Street	ALL	4	
	Total:	28	

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
City of Gilbertville	Sanitary Sewer 12th to 16th Avenue
STP-S-C007(179)--5E-07	Washburn Rd Reconstruction (2027)
Black Hawk County	HMA Overlay - S. Raymond Rd (2026)

108-26A
08-01-08

STAGING NOTES

1. 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

2. 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 and homeowners 3 business days prior to construction in front of business and residential driveway closures.

3. All work must be performed from the street side of the sidewalk.

4. 14th Avenue construction must not commence until 2027 in coordination with Washburn Road project listed in Tabulation 111-01. Coordinate 14th Avenue closure with the Wasburn Road closure and Black Hawk County.

108-23A
08-01-08

TRAFFIC CONTROL PLAN

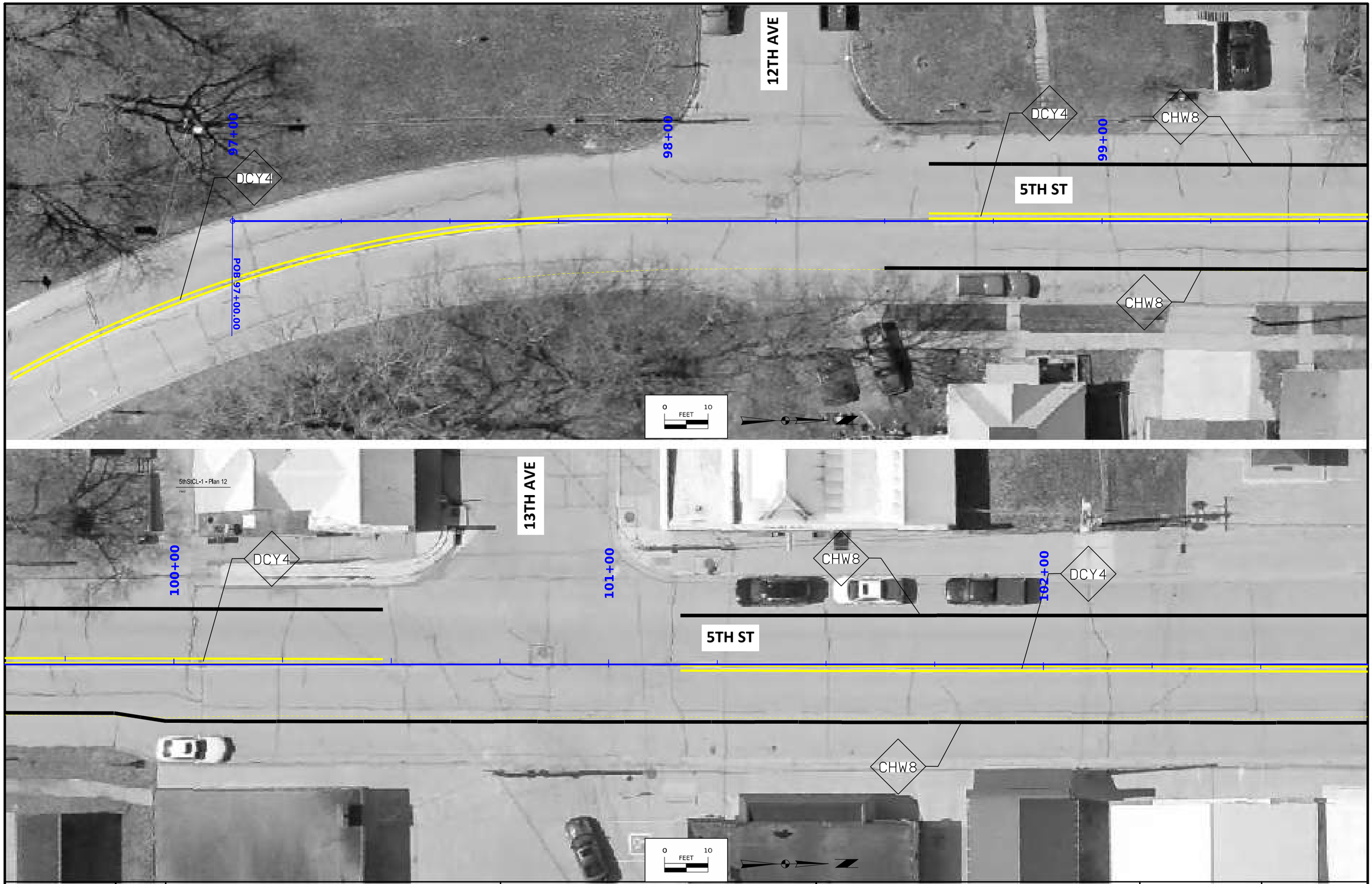
During sidewalk construction, maintain traffic on 5th Street and sideroads at all times. For construction of sidewalk and curb ramps, utilize TC-213 for lane closures with flaggers.

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 Gilbertville:
Gilbertville Days- July 16th-17th 2027

Contractor to maintain all current traffic control conditions with temorary signange, as required, until permanent signage has been restored.



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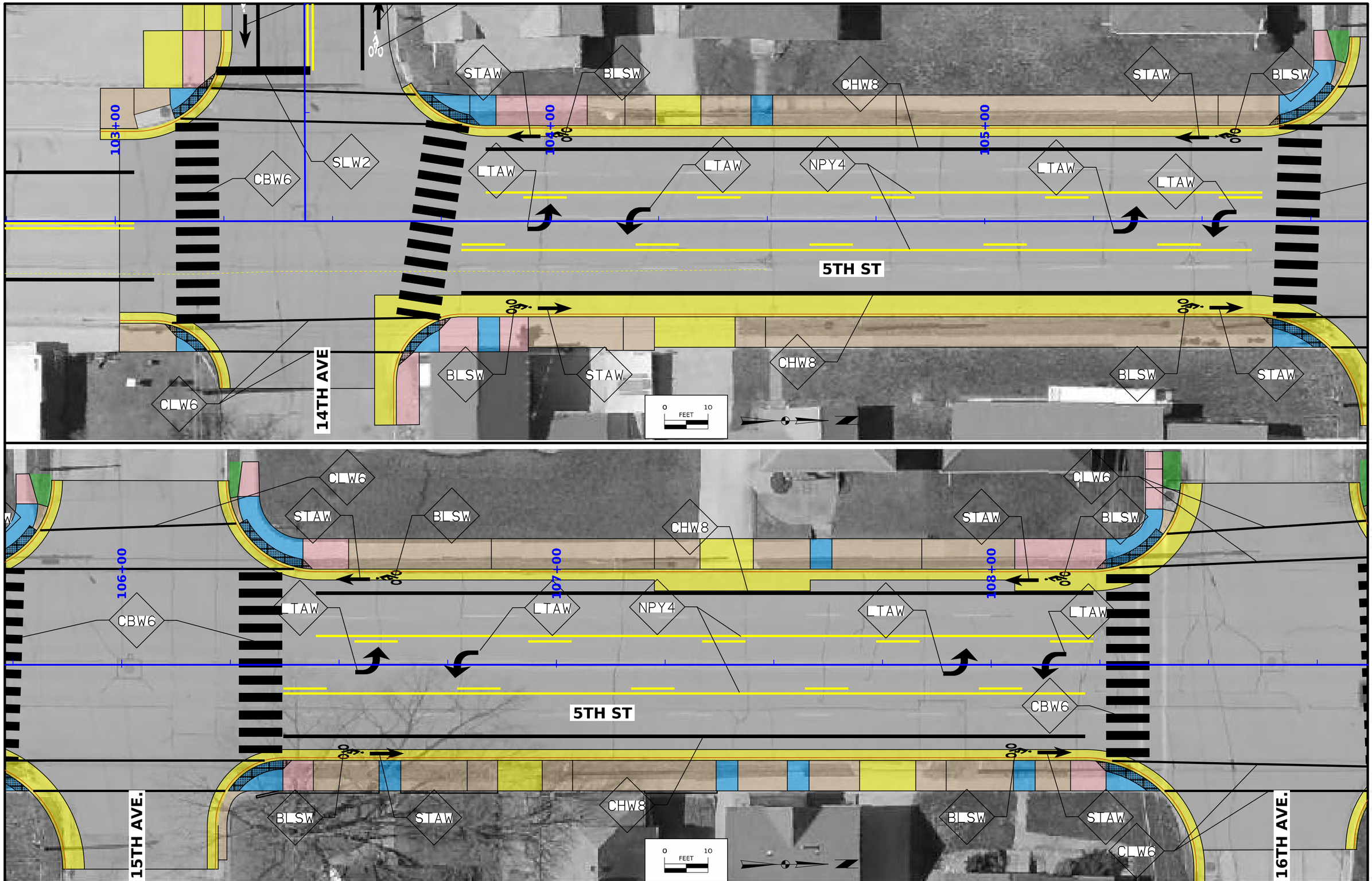
SICL-1 - Plan 13



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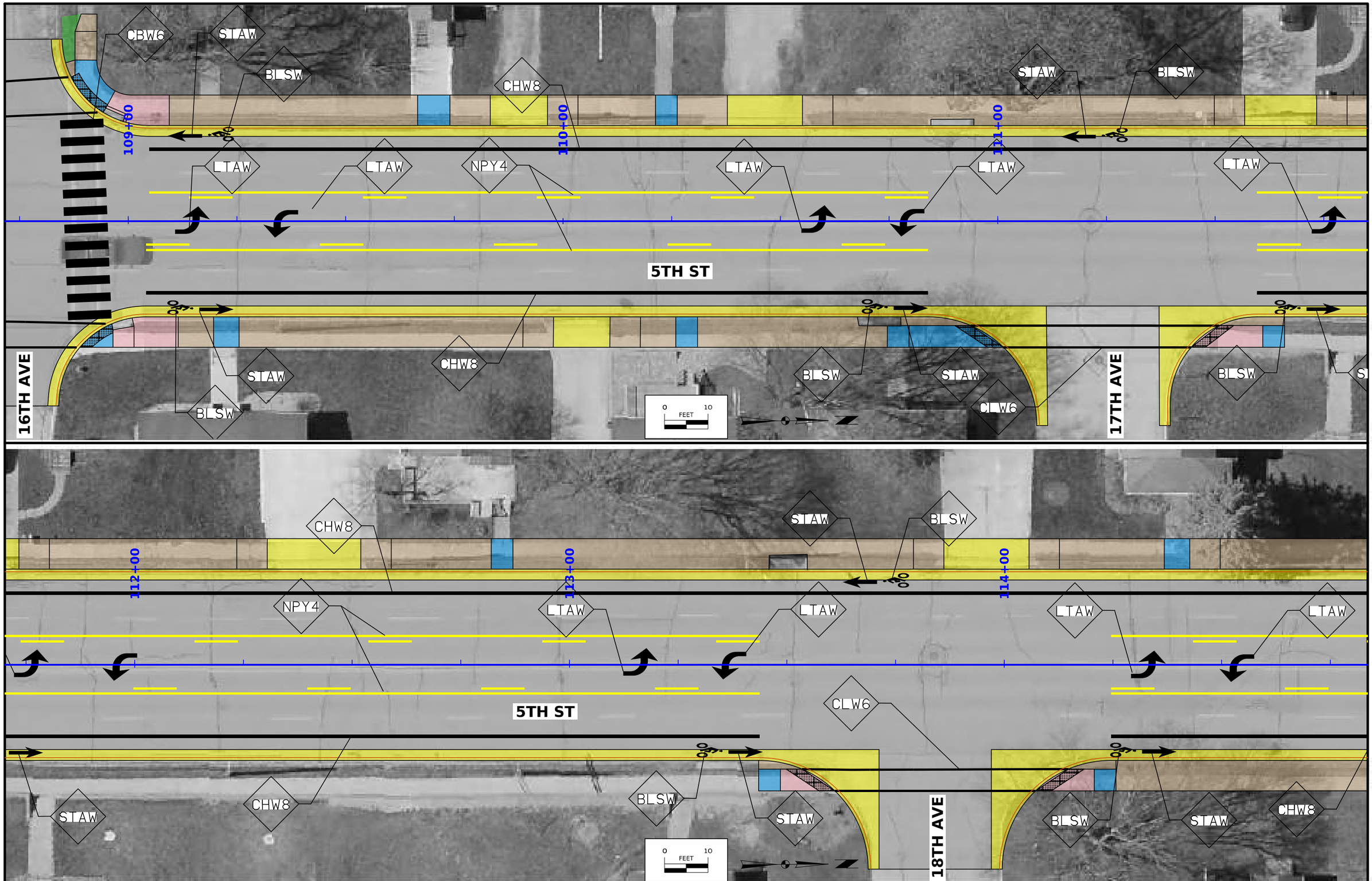

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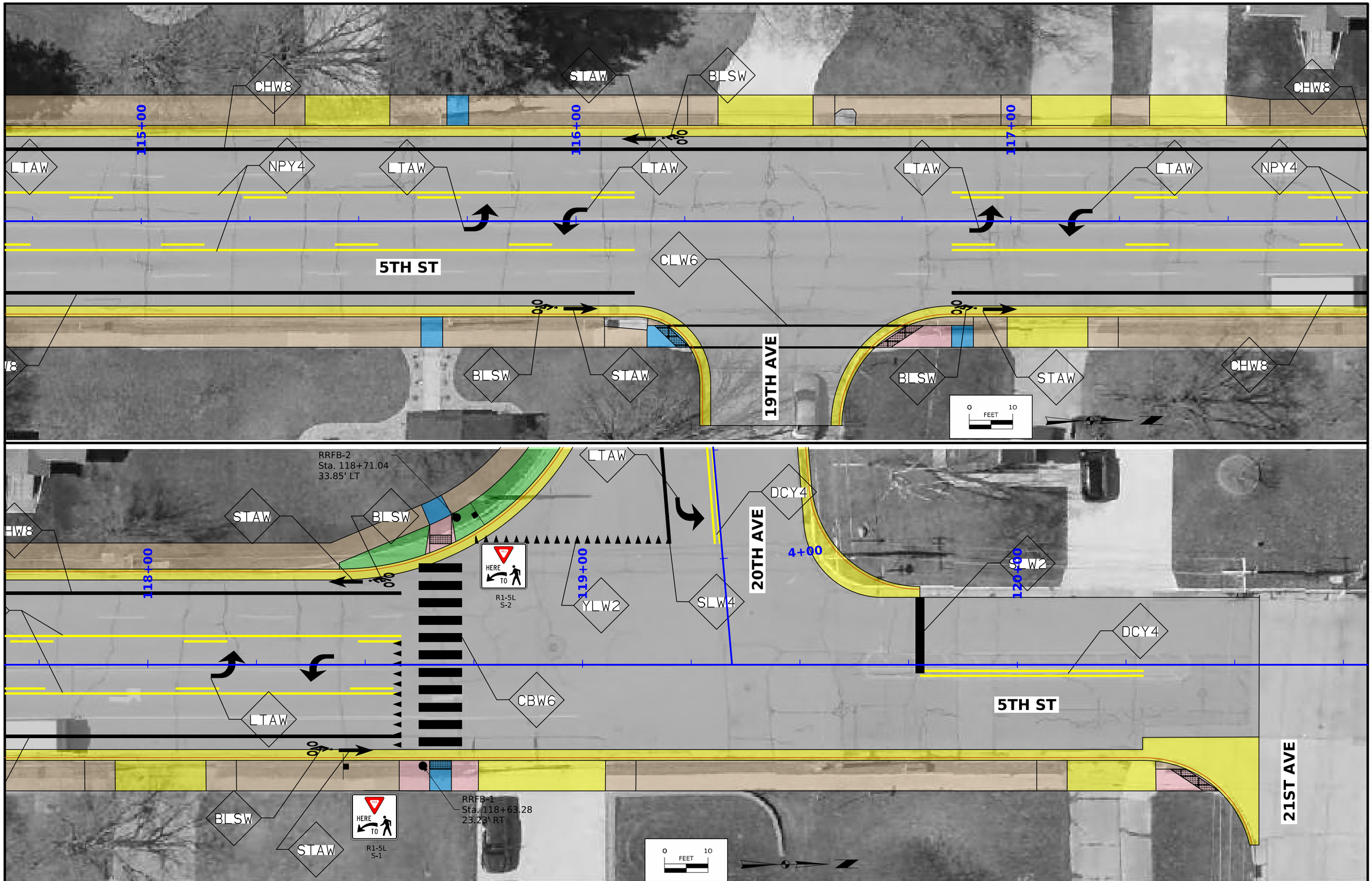

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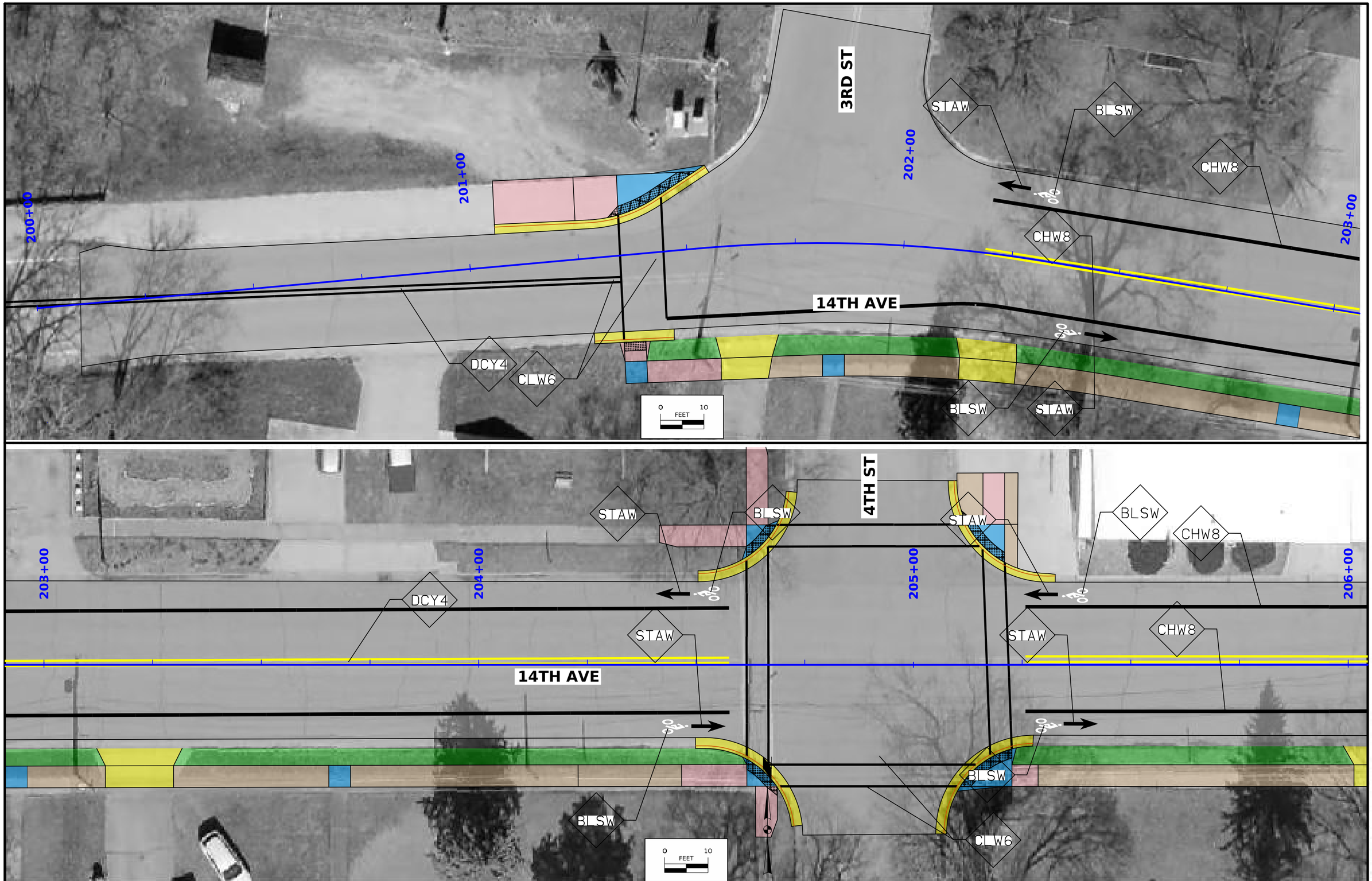

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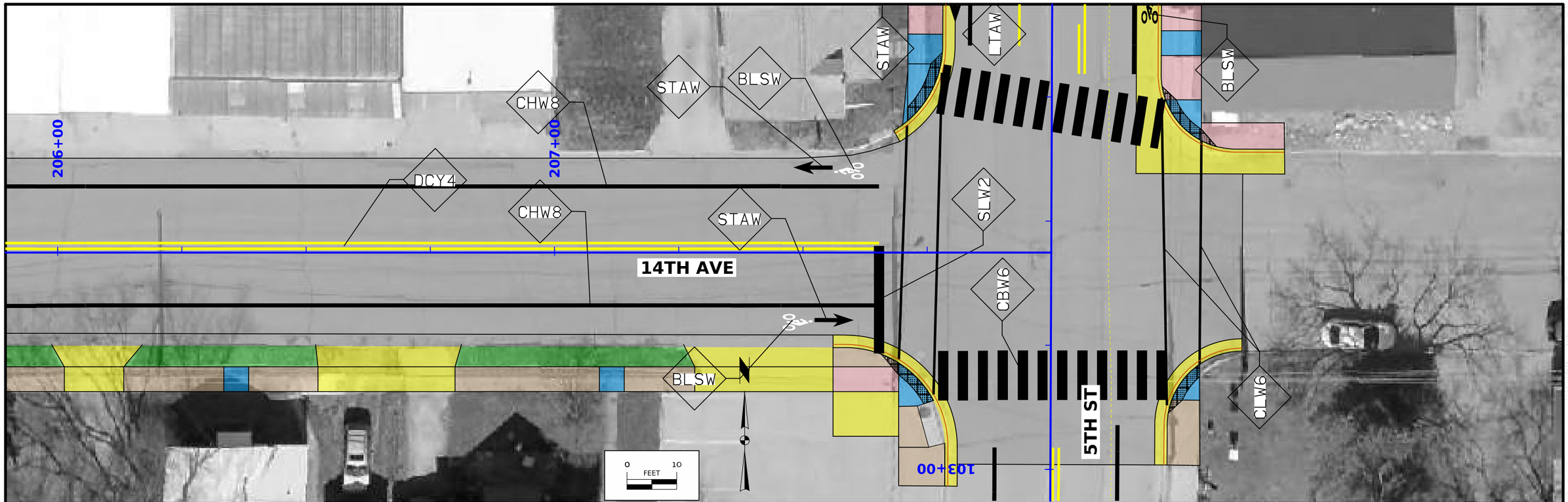
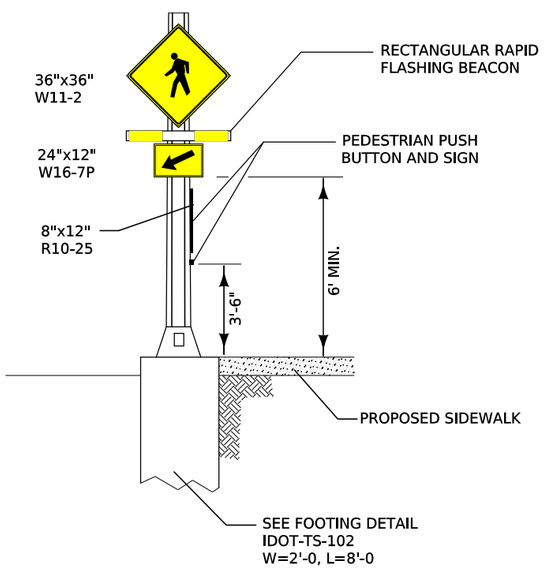




FRONT AND BACK VIEW

R10-25

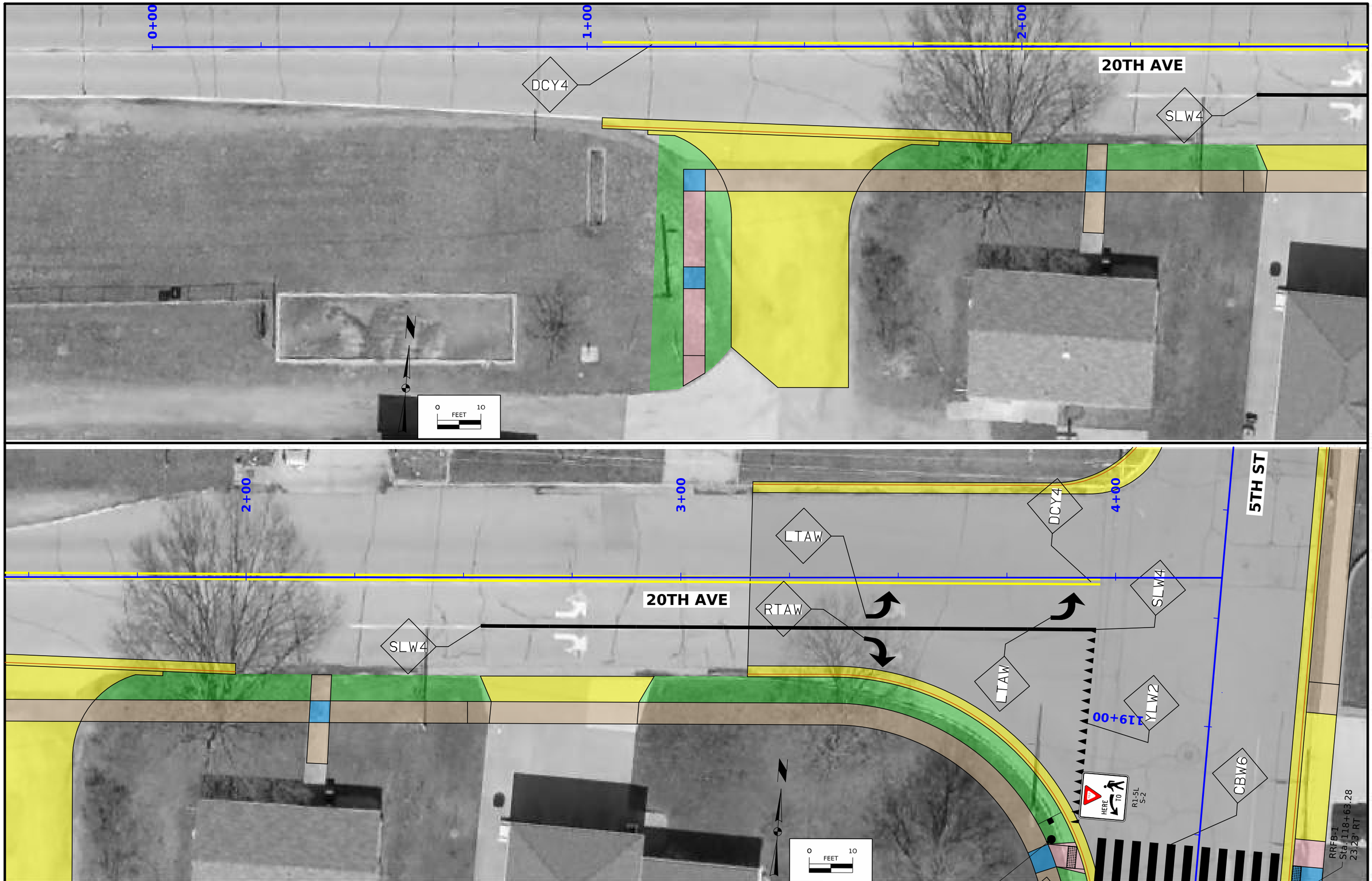
DUAL MOUNTED RECTANGULAR RAPID FLASH BEACON PEDESTRIAN SIGN ASSEMBLY GENERAL NOTES:

A. Each sign assembly shall be front and back and have two, 36 inch x 36 inch, W11-2AD pedestrian signs. Both W11-2AD signs shall have a W16-7P(L/R) arrow sign mounted directly below each one. Each sign assembly shall have a R10-25 mounted above the Pedestrian Push Button. Fluorescent yellow sheeting shall be used on the W11-2AD and W16-17P(L/R) sign faces.

B. Each sign assembly shall have a rectangular flashing unit on both sides, with at least two yellow side-by-side LED arrays mounted between the W11-2AD and W16-7P(L/R) signs. The LEDs shall be clearly visible both day and night. LEDs shall be high-intensity and shall be rapid flash when activated. The sign assembley shall also include a self-contained solar engine and standard battery bank.

C. LEDs shall be push button activated and each assembly shall have an ADA audible push button. Pushing the button on one sign assembly shall activate all sign assemblies at that ramp location. The flashing time, the time between when the button is pushed until flashing stops, shall be adjustable by the user without the use of separate software. The initial flashing time shall be set to 20 seconds.

D. Footing, Pole, Solar Engine and Battery Bank, Push Buttons, Signs as shown on this detail, and Rectangular Rapid Flashing Beacons shall be included in lump sum price bid for Rectangular Rapid Flashing Beacon.



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LINE STYLE LEGEND OF LANDSCAPE SHEETS

LINESTYLE	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	6 FT
	Proposed Understory Tree	12 FT
	Proposed Conifer Tree	18 FT
	Proposed Overstory Tree	30 FT

PATTERN LEGEND OF LANDSCAPE SHEETS

- Brush Clearing
- Spray Area
- Clearing & Grubbing

LINE STYLE LEGEND OF EROSION CONTROL SHEETS

LINESTYLE	Design Element
	Silt Fence
9	Perimeter and Slope Sediment Control Device (9")
12	Perimeter and Slope Sediment Control Device (12")
20	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

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
Black	(0)		Permanent Erosion Control Features
Blaze Orange	(222)		Temporary Erosion Control Features

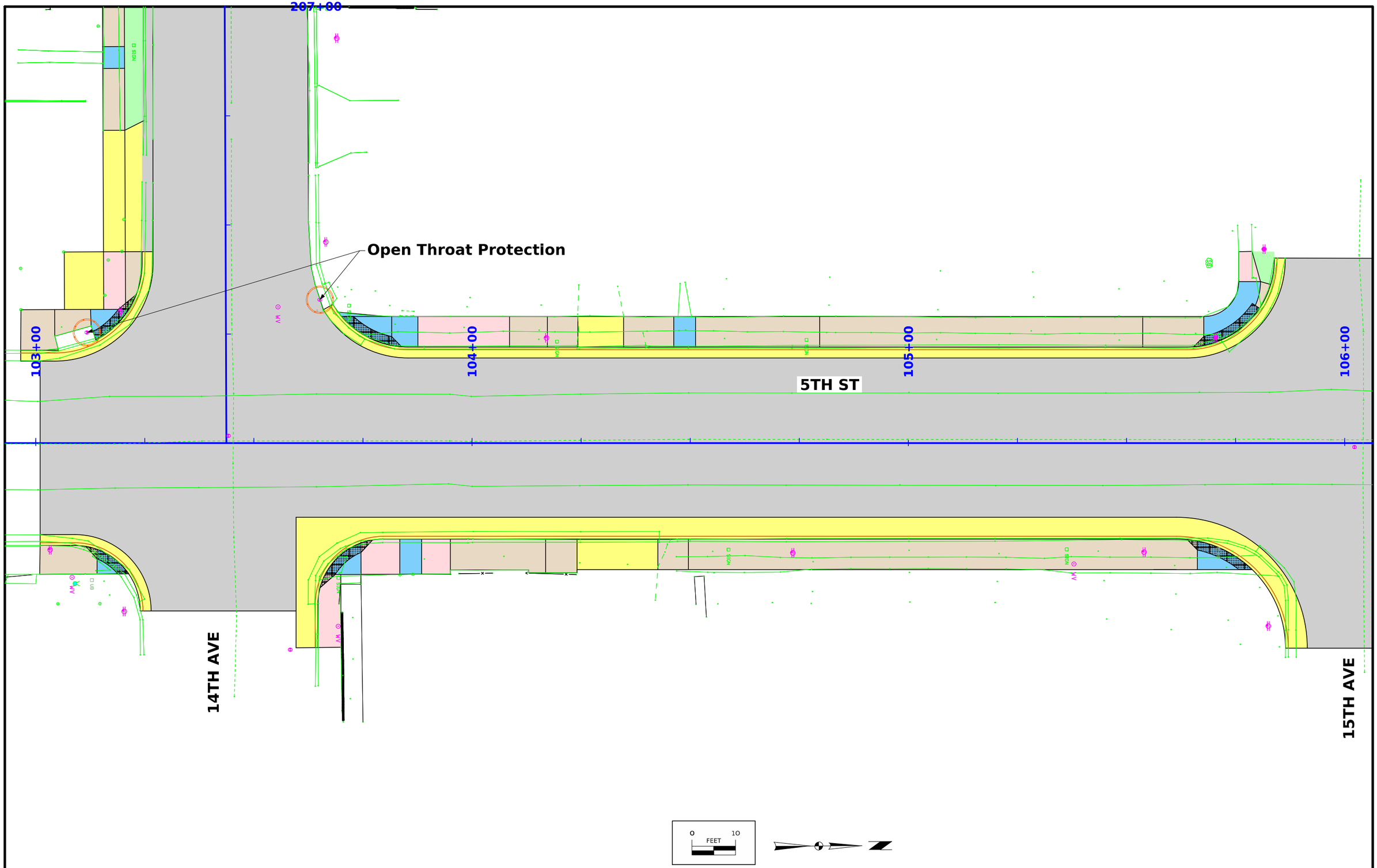
SHADING	Design Color No.			Transparency
Citron	(234)		Mulching, All Types	50%
Light Brown	(238)		Special Ditch Control, Wood Excelsior Mat	0%
Grass Green	(233)		8FT Mow Strip	50%
Red	(3)		Delineates Restricted Areas	0%

PATTERN LEGEND OF EROSION CONTROL SHEETS

- Seeding and Fertilizing
- R — Seeding and Fertilizing (Rural)
- U — Seeding and Fertilizing (Urban)
- N — Native Grass Seeding
- ST — Salt Tolerant Seeding
- WL — Wetland Grass Seeding
- WF — Wildflower Seeding
- SOD — Sodding
- Turf Reinforcement Mat Type 1
- Turf Reinforcement Mat Type 2
- Turf Reinforcement Mat Type 3
- Turf Reinforcement Mat Type 4
- Slope Protection, Wood Excelsior Mat
- Transition Mat
- Rock Features, Permanent
- Rock Features, Temporary

EROSION CONTROL LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES R)



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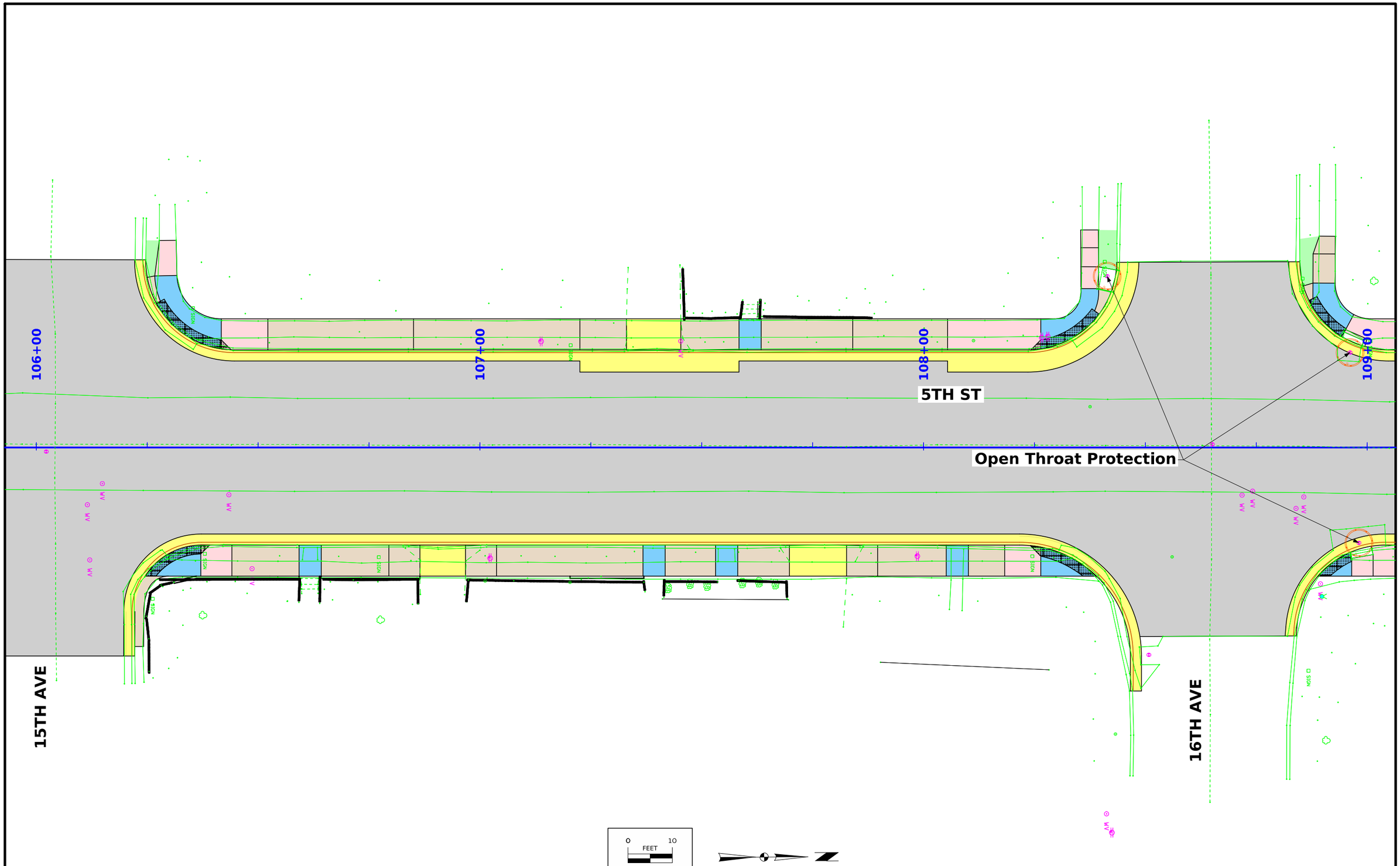

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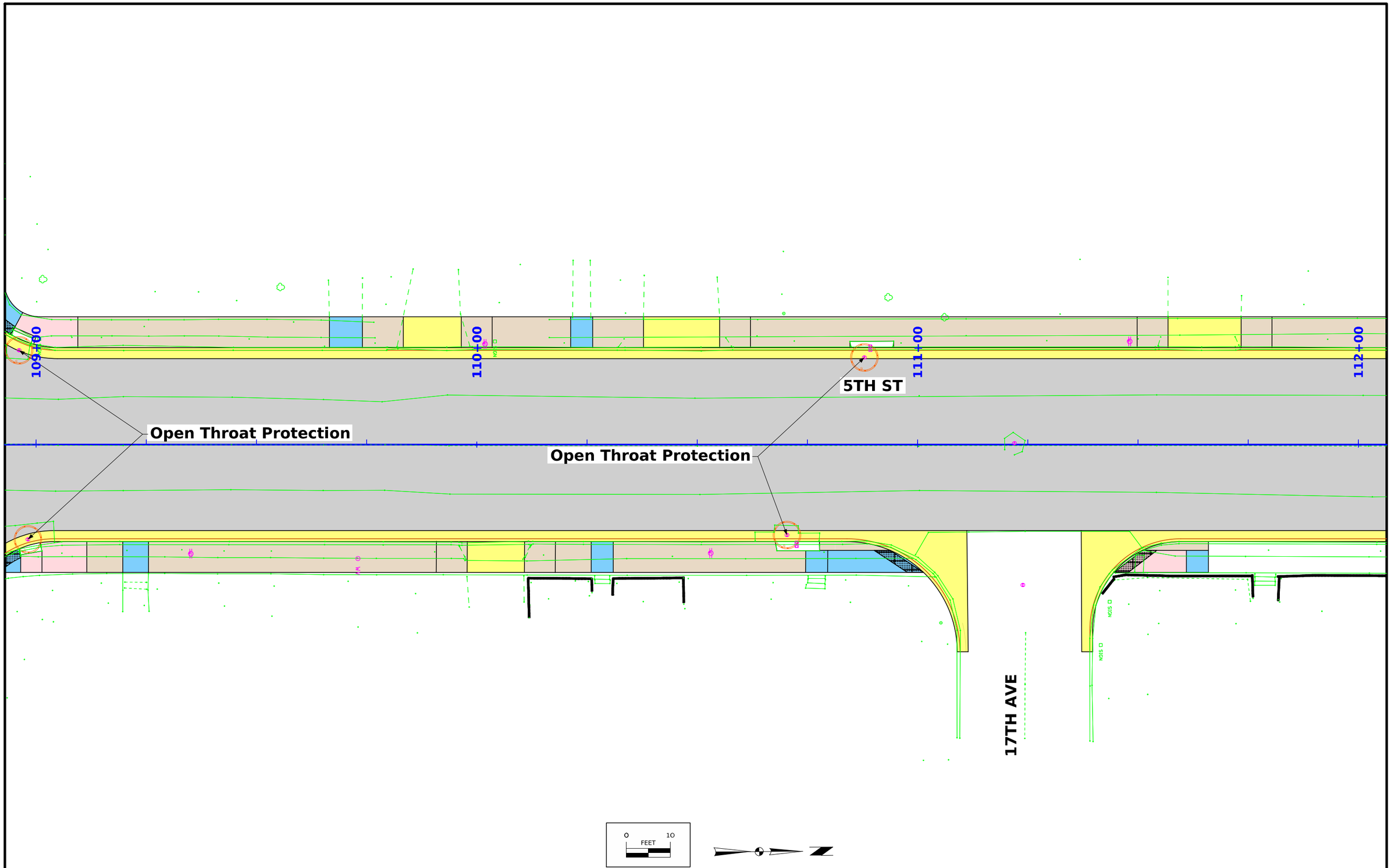

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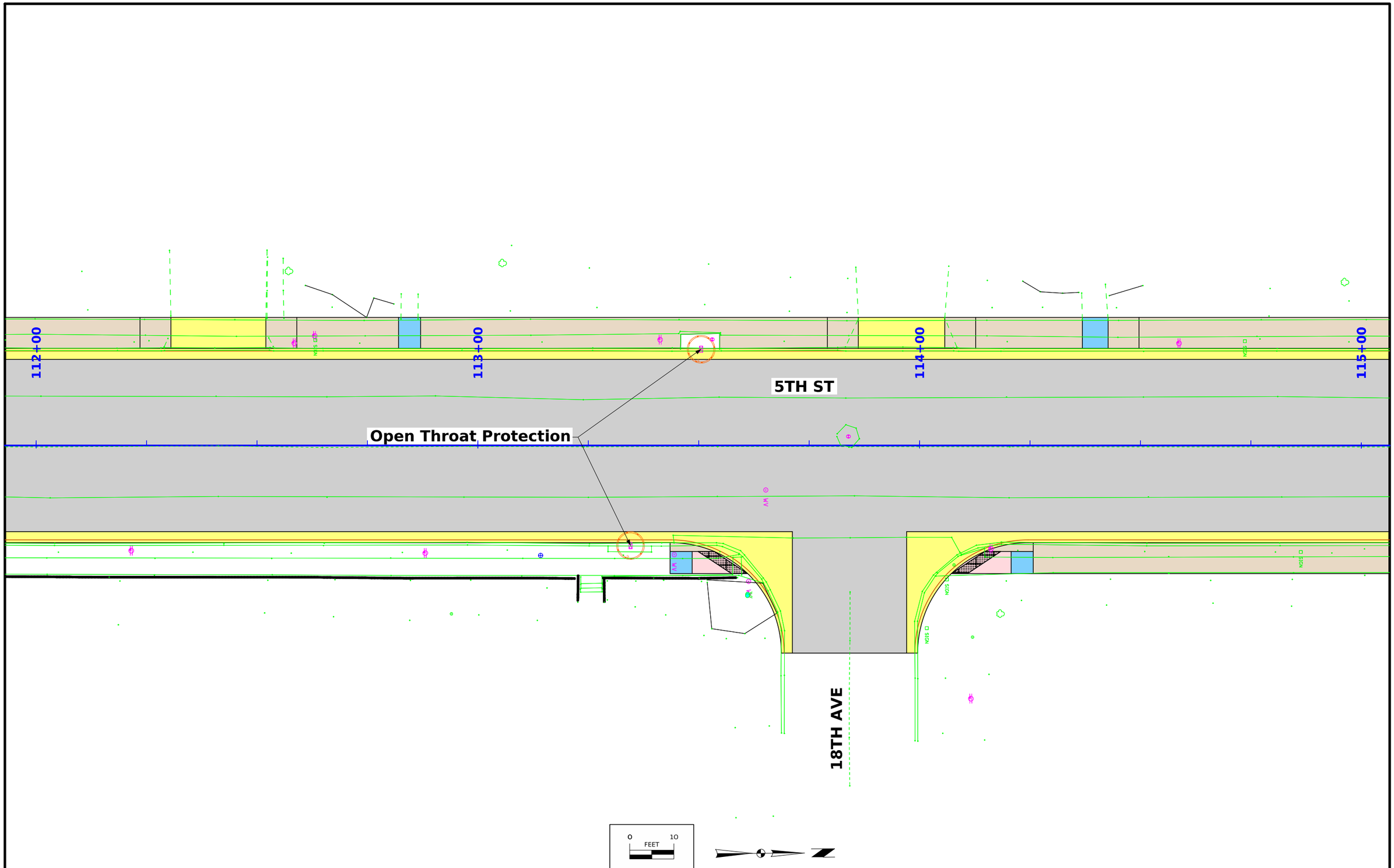

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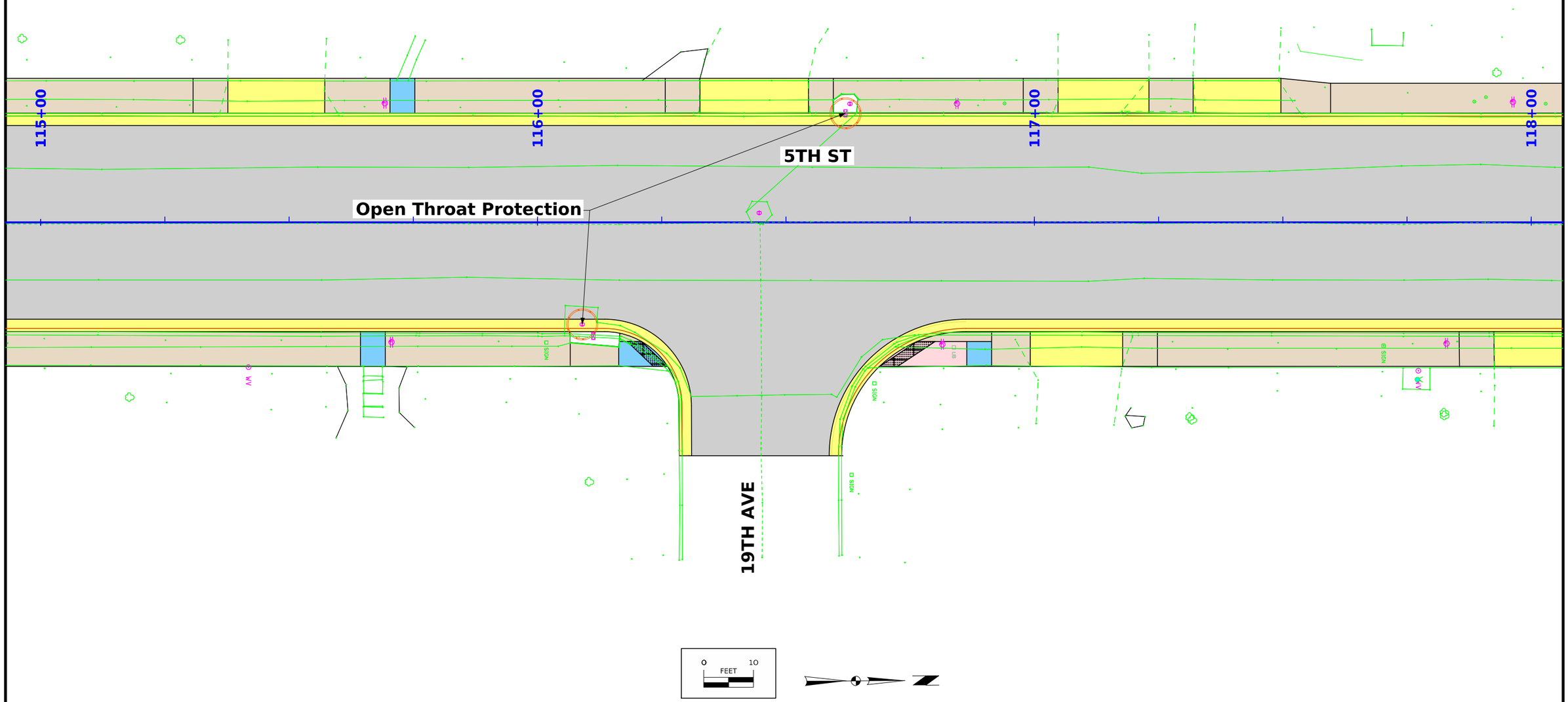

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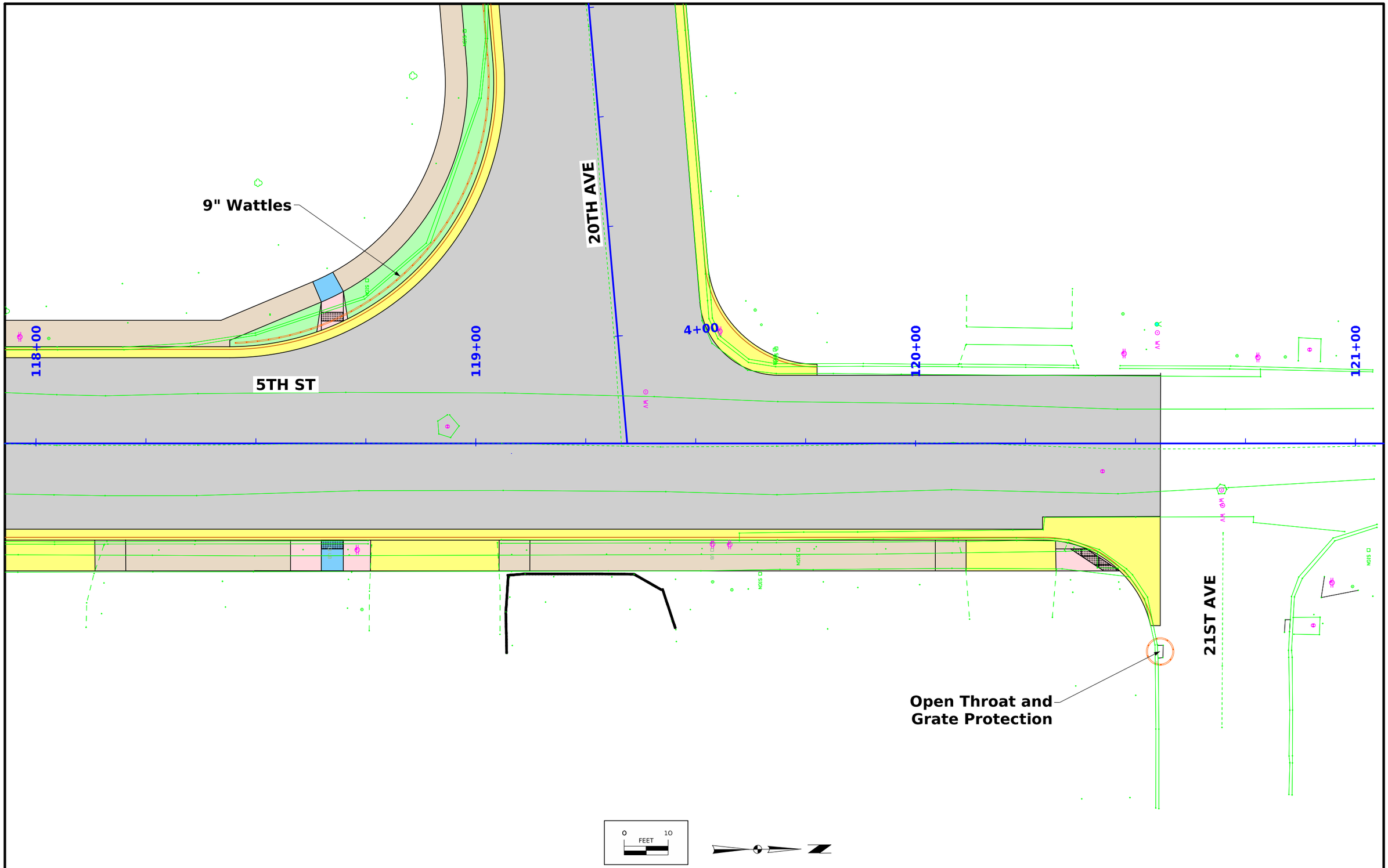

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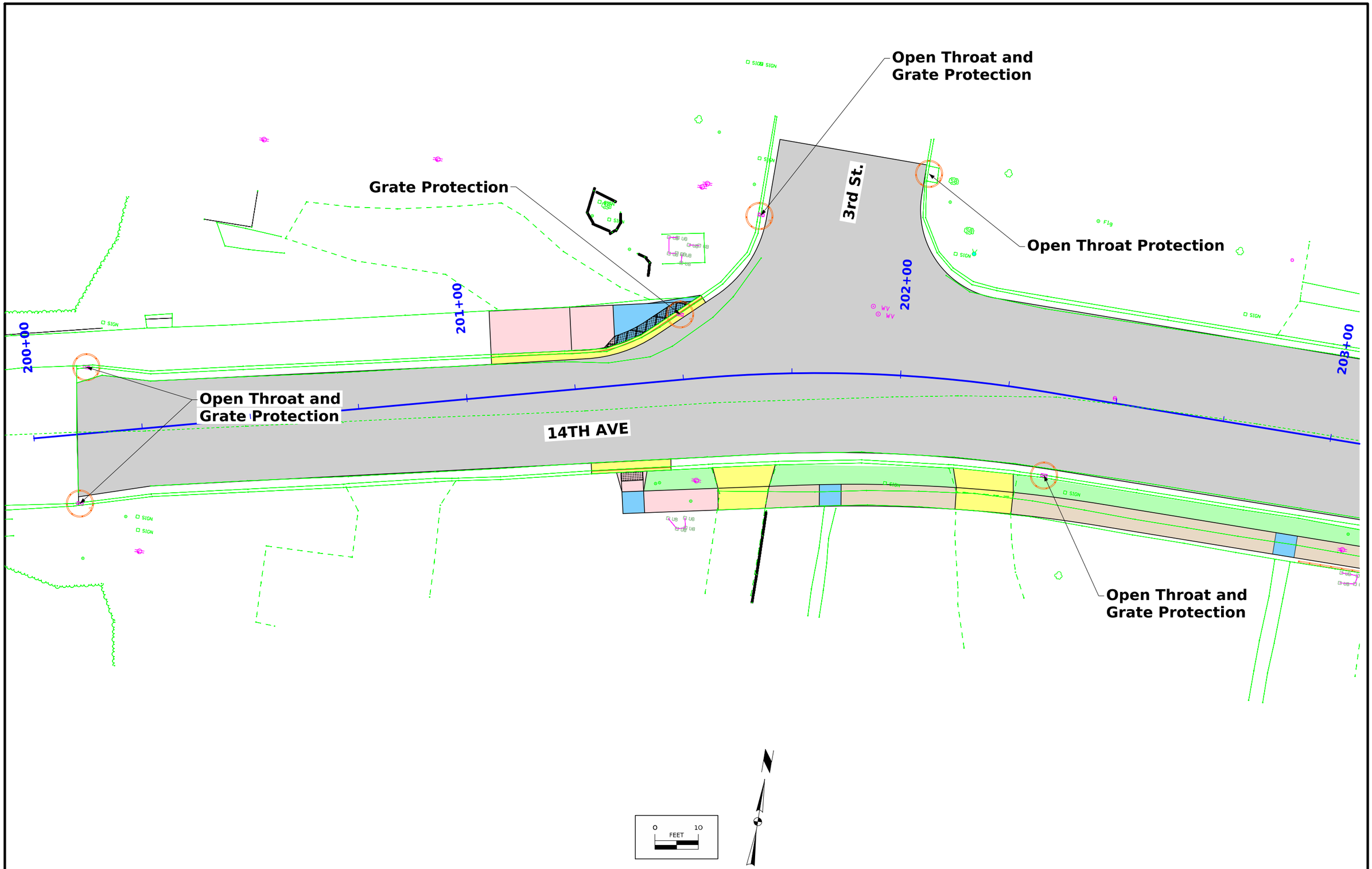

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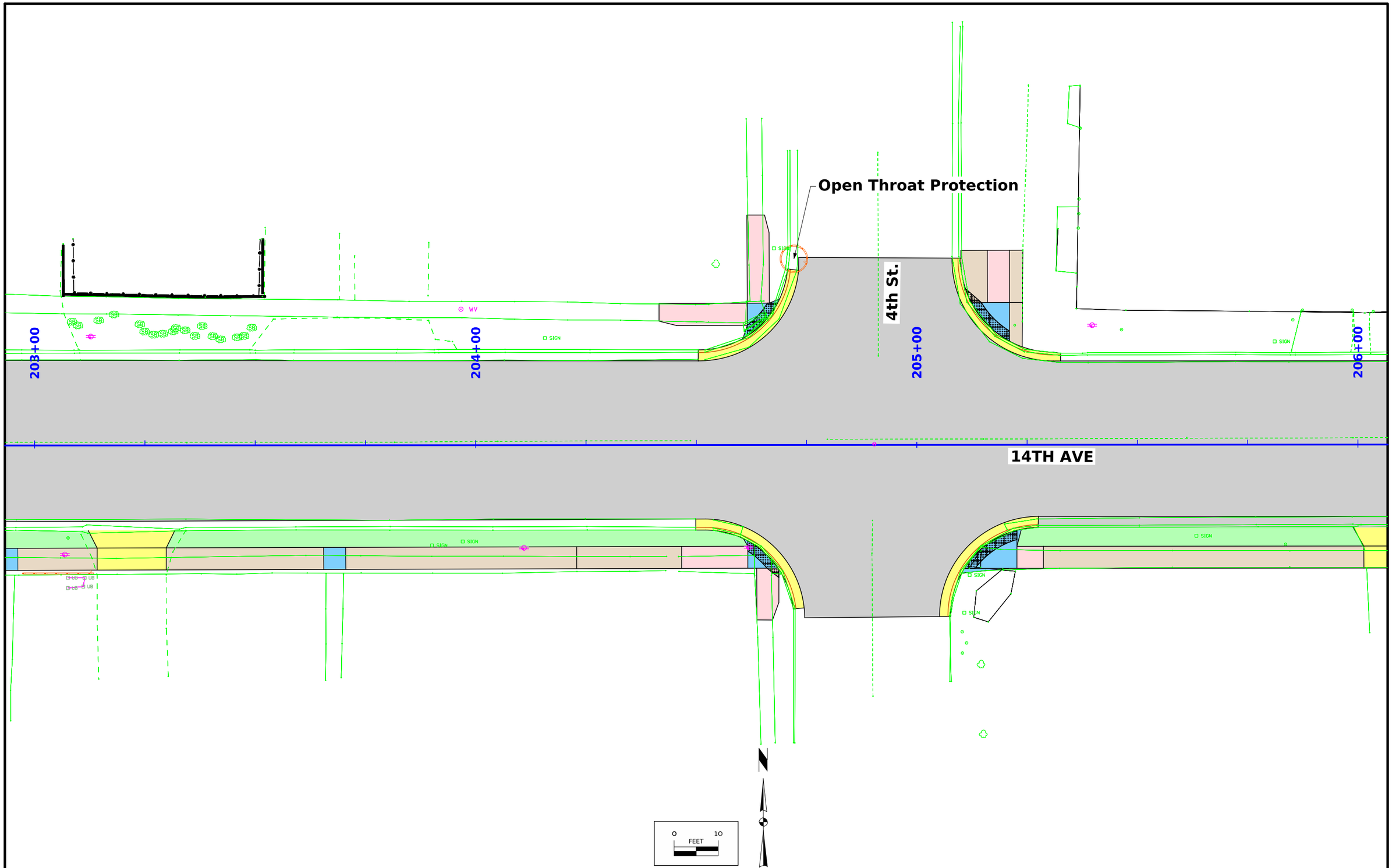

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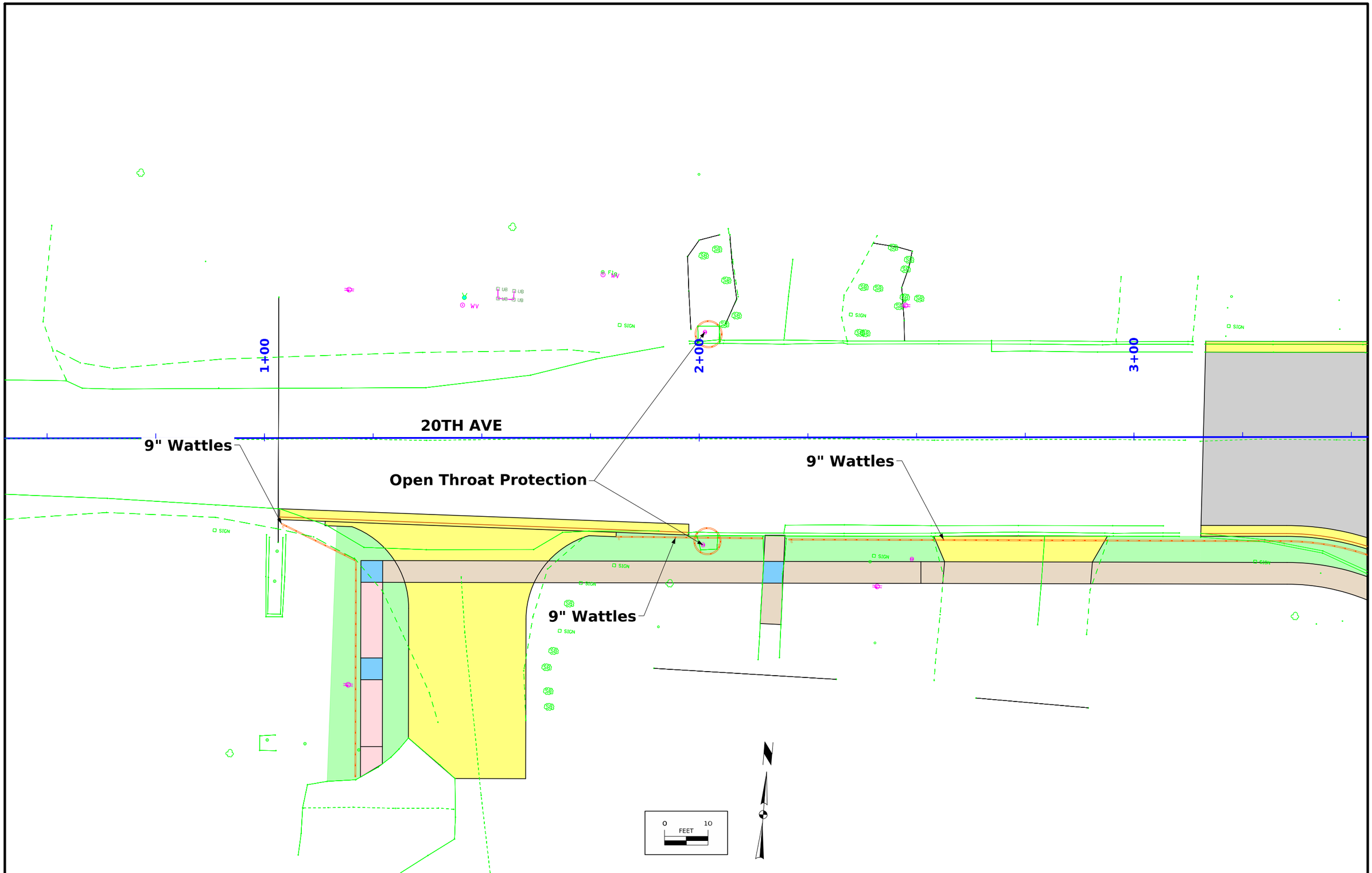

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SURVEY SYMBOLS

- 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
- WH Water Hydrant (Rural)
- ST Septic Tank
- C Cistern
- LP L.P. Gas Tank (No Footing)
- UST Underground Storage Tank
- Latrine
- Satellite TV Dish
- WHU Water Hook Up
- RT Radio Tower
- TA Tower Anchor
- Guardrail (Beam or Cable)
- GP Guard Post (one or two)
- Guard Post (over two)
- FP Filler Pipe
- GV Gas Valve
- WV Water Valve
- SL Speed Limit Sign
- MM Mile Marker Post
- SIGN Sign
- TCB Traffic Signal Control Box
- RRB Rail Road Signal Control Box
- TSB Telephone Switch Box
- EB 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.			Transparency
Tan	(8)		Proposed Sidewalk Shading	50%
Blue, Light	(230)		Proposed Sidewalk Landing Shading	50%
Pink	(11)		Proposed Sidewalk Ramp Shading	50%
Magenta	(5)		Detectable Warning	0%
Yellow	(4)		Highlight for Critical Notes or Features	0%
Red	(3)		Delineates Restricted Areas	0%
Lavender	(9)		Temporary Pavement Shading	0%
Yellow	(4)		Proposed Pavement Shading	0%
Orange	(6)		Proposed Granular Shading	0%
Purple	(15)		Proposed Grade and Pave Shading	0%
Brown, Light	(236)		Grading Shading	0%

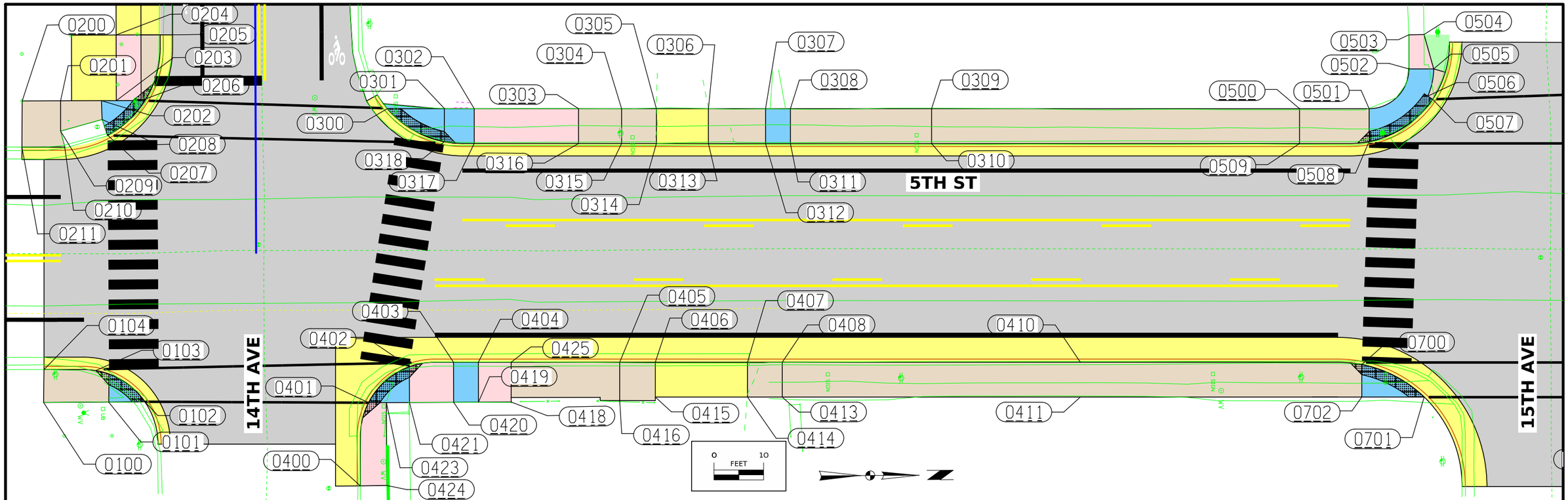
- Reference Point / Station — Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Clearing & Grubbing Area
- Pavement Removal

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
- A/C Access Control

SIDEWALK LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES S)



113-10 and 113-10A
MODIFIED

SIDEWALK COMPLIANCE

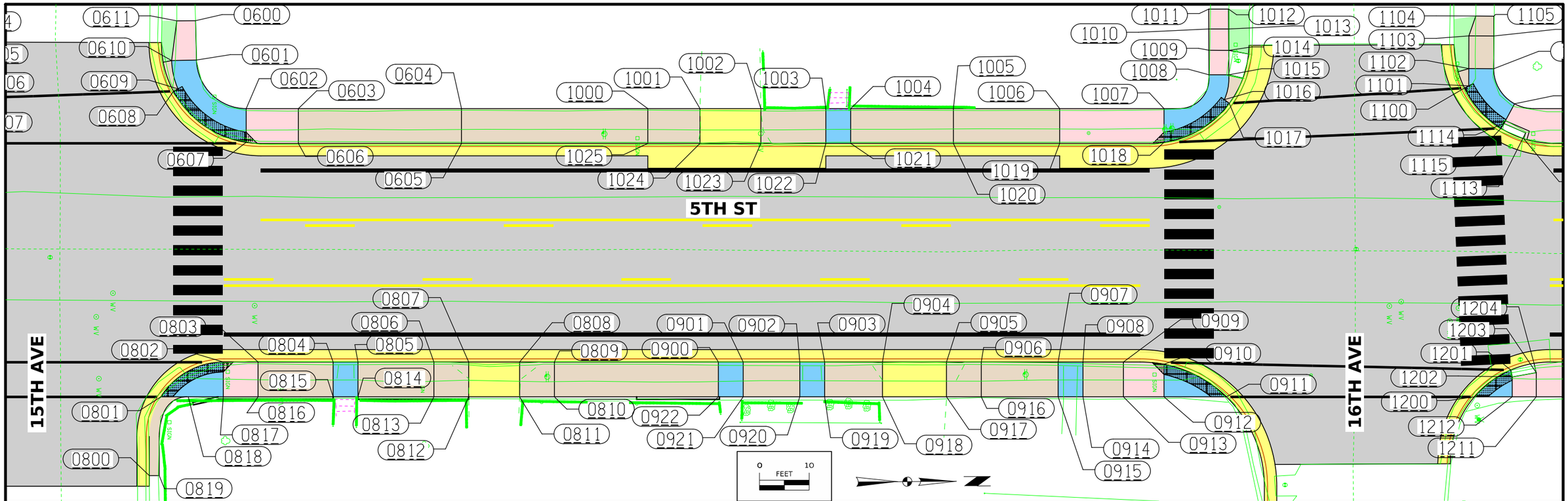
* Does not include curb
(1) Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
(2) Refer to tabulation 113-01 for bid quantities.

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			
												Point	Stationing	Offset	Elevation
W0100	W0101	Sidewalk Running Slope	6	13.13	-0.06	-0.5%	0.5% to 5.0%					W0100	103+00.91	30.09	842.46
W0100	W0104	Match Existing Cross Slope	6	6.62	0.10	1.5%	Match Existing					W0101	103+14.04	30.02	842.40
W0101	W0102	Landing/Turning Space	6	7.26	-0.09	-1.2%	0.1% to 2.0%					W0102	103+21.30	29.96	842.31
W0101	W0103	Landing/Turning Space	6	6.85	0.07	1.0%	0.1% to 2.0%					W0103	103+11.44	23.68	842.47
W0102	W0103	Crosswalk Cross Slope - Yield Condition	6	11.69	0.16	1.4%	0.0% to 2.0%					W0104	103+00.99	23.47	842.56
W0103	W0104	Sidewalk Running Slope	6	10.45	0.09	0.9%	0.5% to 5.0%								
W0200	W0201	Sidewalk Running Slope	6	7.70	-0.23	-3.0%	0.5% to 5.0%					W0200	102+96.90	-30.50	843.01
W0200	W0211	Match Existing Cross Slope	6	9.30	-0.21	-2.3%	Match Existing					W0201	103+04.43	-31.25	842.78
W0201	W0202	Sidewalk Running Slope	6	8.23	-0.26	-3.2%	0.5% to 5.0%					W0202	103+12.55	-30.60	842.52
W0201	W0209	Sidewalk Cross Slope	6	6.00	0.08	1.3%	0.5% to 2.0%					W0203	103+15.57	-30.60	842.54
W0202	W0203	Landing/Turning Space	6	3.00	0.02	0.7%	0.1% to 2.0%					W0204	103+15.51	-43.80	843.60
W0202	W0208	Landing/Turning Space	6	4.00	-0.08	-2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0205	103+20.51	-43.80	843.66
W0203	W0204	Ramp Running Slope	6	13.19	1.06	8.0%	0.5% to 8.3%	Yes			Slope required to match existing conditions	W0206	103+23.05	-34.05	842.58
W0203	W0206	Landing/Turning Space	6	4.70	0.04	0.9%	0.1% to 2.0%					W0207	103+13.74	-23.79	842.38
W0204	W0205	Sidewalk Cross Slope	6	7.00	0.06	0.9%	0.5% to 2.0%					W0208	103+11.94	-26.90	842.44
W0205	W0206	Ramp Running Slope	6	13.20	-1.08	-8.2%	0.5% to 8.3%	Yes			Slope required to match existing conditions	W0209	103+04.34	-24.50	842.86
W0206	W0207	Crosswalk Cross Slope - Yield Condition	6	9.50	-0.20	-2.1%	0.0% to 3.1%					W0210	103+05.18	-21.28	842.90
W0207	W0208	Match Existing Cross Slope	6	3.20	0.06	1.9%	Match Existing					W0211	102+96.56	-21.27	842.80
W0208	W0209	Sidewalk Running Slope	6	8.60	0.42	4.9%	0.5% to 5.0%	Yes			Slope required to match existing conditions				
W0209	W0210	Match Existing Cross Slope	6	3.30	0.04	1.2%	Match Existing								
W0210	W0211	Sidewalk Running Slope	6	8.60	-0.10	-1.2%	0.5% to 5.0%								

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W0300	W0301	Landing/Turning Space	4	11.48	0.17	1.5%	0.1% to 2.0%					W0300	103+70.09	-29.00	844.53
W0300	W0318	Crosswalk Cross Slope - Yield Condition	6	13.40	0.27	2.0%	0.0% to 2.0%					W0301	103+81.57	-29.00	844.70
W0301	W0302	Landing/Turning Space	4	6.00	0.09	1.5%	0.1% to 2.0%					W0302	103+84.51	-29.00	844.79
W0301	W0318	Landing/Turning Space	4	6.67	0.10	1.5%	0.1% to 2.0%					W0303	104+02.90	-29.00	846.33
W0302	W0303	Ramp Running Slope	6	21.00	1.54	7.3%	0.5% to 8.3%					W0304	104+17.24	-29.00	846.50
W0302	W0317	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0305	104+24.24	-29.00	846.33
W0303	W0304	Sidewalk Running Slope	4	8.66	0.17	2.0%	0.5% to 5.0%					W0306	104+34.73	-29.00	846.76
W0303	W0316	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0307	104+46.22	-29.00	847.33
W0304	W0305	Sidewalk Running Slope	4	7.00	-0.17	-2.4%	0.5% to 5.0%					W0308	104+51.22	-29.00	847.43
W0304	W0315	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0309	104+79.65	-29.00	848.69
W0305	W0306	Sidewalk Running Slope	6	10.48	0.43	4.1%	0.5% to 5.0%					W0310	104+79.65	-22.00	848.59
W0305	W0314	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0311	104+51.22	-22.00	847.33
W0306	W0307	Sidewalk Running Slope	4	11.49	0.57	5.0%	0.5% to 5.0%	Yes			Slope required to match existing conditions	W0312	104+46.22	-22.00	847.23
W0306	W0313	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0313	104+34.73	-22.00	846.66
W0307	W0308	Landing/Turning Space	4	5.00	0.10	2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0314	104+24.24	-22.00	846.23
W0307	W0312	Landing/Turning Space	4	7.00	-0.10	-1.4%	0.1% to 2.0%					W0315	104+17.24	-22.00	846.40
W0308	W0309	Sidewalk Running Slope	4	28.43	1.26	4.4%	0.5% to 5.0%					W0316	104+02.92	-22.00	846.23
W0309	W0500	Sidewalk Running Slope	4	74.04	3.34	4.5%	0.5% to 5.0%					W0317	103+87.57	-22.00	844.89
W0309	W0310	Sidewalk Running Slope	4	7.00	-0.10	-1.4%	0.5% to 5.0%					W0318	103+81.57	-22.35	844.80
W0310	W0509	Sidewalk Running Slope	4	74.04	3.34	4.5%	0.5% to 5.0%								
W0310	W0311	Sidewalk Running Slope	4	28.43	-1.26	-4.4%	0.5% to 5.0%								
W0311	W0312	Landing/Turning Space	4	5.00	-0.10	-2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W0312	W0313	Sidewalk Running Slope	4	11.49	-0.57	-5.0%	0.5% to 5.0%	Yes			Slope required to match existing conditions				
W0313	W0314	Sidewalk Running Slope	6	10.48	-0.43	-4.1%	0.5% to 5.0%								
W0314	W0315	Sidewalk Running Slope	4	7.00	0.17	2.4%	0.5% to 5.0%								
W0315	W0316	Sidewalk Running Slope	4	8.66	-0.17	-2.0%	0.5% to 5.0%								
W0316	W0317	Ramp Running Slope	6	21.00	-1.34	-6.4%	0.5% to 8.3%								
W0317	W0318	Landing/Turning Space	4	6.00	-0.09	-1.5%	0.1% to 2.0%								
W0400	W0401	Ramp Running Slope	6	16.80	1.30	7.7%	0.5% to 8.3%					W0400	103+64.66	43.70	842.45
W0400	W0424	Match Existing Cross Slope	4	5.31	0.08	1.5%	Match Existing					W0401	103+66.32	32.22	843.75
W0401	W0402	Crosswalk Cross Slope - Yield Condition	6	10.94	0.30	2.7%	0.0% to 3.7%					W0402	103+74.53	22.90	844.05
W0401	W0423	Landing/Turning Space	4	3.59	0.07	1.9%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W0403	103+83.43	22.00	844.75
W0402	W0403	Ramp Running Slope	6	8.94	0.70	7.8%	0.5% to 8.3%					W0404	103+88.43	22.00	844.85
W0402	W0421	Landing/Turning Space	4	7.16	-0.14	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W0405	104+16.85	22.00	846.17
W0403	W0404	Landing/Turning Space	4	5.00	0.10	2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0406	104+23.65	22.00	846.45
W0403	W0420	Landing/Turning Space	4	8.00	0.10	1.3%	0.1% to 2.0%					W0407	104+42.58	22.00	847.38
W0404	W0425	Ramp Running Slope	6	6.59	0.47	7.1%	0.5% to 8.3%					W0408	104+49.58	22.00	847.73
W0405	W0406	Sidewalk Running Slope	4	7.18	0.28	3.9%	0.5% to 5.0%					W0410	105+09.58	22.00	850.55
W0405	W0416	Sidewalk Cross Slope	4	8.00	0.10	1.3%	0.5% to 2.0%					W0411	105+09.58	29.00	850.65
W0406	W0407	Sidewalk Running Slope	6	18.54	0.93	5.0%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed	W0413	104+49.58	29.00	847.83
W0406	W0415	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0414	104+42.58	29.00	847.48
W0407	W0408	Sidewalk Running Slope	4	7.00	0.35	5.0%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed	W0415	104+23.85	29.00	846.55
W0407	W0414	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0416	104+16.85	29.00	846.27
W0408	W0410	Sidewalk Running Slope	4	60.00	2.82	4.7%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed	W0418	103+95.03	30.00	845.42
W0408	W0413	Sidewalk Cross Slope	4	8.00	0.10	1.3%	0.5% to 2.0%					W0419	103+88.45	30.00	844.95
W0410	W0411	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0420	103+82.91	30.00	844.85
W0410	W0700	Sidewalk Running Slope	4	56.64	2.27	4.0%	0.5% to 5.0%					W0421	103+74.55	30.07	843.91
W0411	W0702	Sidewalk Running Slope	4	56.64	2.27	4.0%	0.5% to 5.0%					W0423	103+69.91	32.20	843.82
W0411	W0413	Sidewalk Running Slope	4	60.00	-2.82	-4.7%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed	W0424	103+69.98	43.70	842.53
W0413	W0414	Sidewalk Running Slope	4	7.00	-0.35	-5.0%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed	W0425	103+95.00	22.00	845.32
W0414	W0415	Sidewalk Running Slope	6	18.54	-0.93	-5.0%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed				
W0415	W0416	Sidewalk Running Slope	4	7.00	-0.28	-4.0%	0.5% to 5.0%								
W0416	W0418	Sidewalk Running Slope	4	21.82	-0.85	-3.9%	0.5% to 5.0%								
W0418	W0419	Ramp Running Slope	6	6.59	-0.47	-7.1%	0.5% to 8.3%								
W0419	W0420	Landing/Turning Space	4	5.00	-0.10	-2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W0420	W0421	Ramp Running Slope	6	8.90	-0.94	-10.6%	0.5% to 11.6%	Yes			Slope required to match existing conditions				
W0421	W0423	Landing/Turning Space	4	4.60	-0.09	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions				
W0423	W0424	Ramp Running Slope	6	16.67	-1.29	-7.7%	0.5% to 8.3%								
W0500	W0501	Sidewalk Running Slope	4	14.00	0.08	0.6%	0.5% to 5.0%					W0500	105+53.70	-29.00	852.03
W0500	w0509	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0501	105+67.70	-29.00	852.11
W0501	W0502	Landing/Turning Space	4	12.56	0.23	1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0502	105+75.70	-37.00	852.34
W0501	w0508	Landing/Turning Space	4	7.00	-0.13	-1.9%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0503	105+75.70	-43.84	852.87
W0502	W0503	Ramp Running Slope	6	6.80	0.53	7.8%	0.5% to 8.3%					W0504	105+78.75	-43.90	852.93
W0502	W0505	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W0505	105+80.40	-36.53	852.41
W0503	W0504	Match Existing Cross Slope	4	3.05	0.06	2.0%	Match Existing					W0506	105+79.49	-31.52	852.30
W0504	W0505	Ramp Running Slope	6	7.17	-0.52	-7.3%	0.5% to 8.3%					W0507	105+80.47	-30.86	852.28
W0505	W0506	Sidewalk Cross Slope	4	5.60	-0.11	-2.0%	0.5% to 2.0%	Yes			Proposed slope is maximum allowed	W0508	105+67.70	-22.37	851.98
W0506	W0507	Sidewalk Running Slope	4	1.18	-0.02	-1.7%	0.5% to 5.0%					W0509	105+53.70	-22.00	851.93
W0507	W0508	Crosswalk Cross Slope - Yield Condition	6	15.34	-0.30	-2.0%	0.0% to 2.0%								
W0508	W0509	Sidewalk Running Slope	4	14.00	-0.05	-0.4%	0.5% to 5.0%								
W0600	W0601	Ramp Running Slope	6	7.92	-0.60	-7.6%	0.5% to 8.3%					W0600	106+31.51	-46.69	854.68
W0600	W0611	Match Existing Cross Slope	4	3.79	-0.05	-1.3%	Match Existing					W0601	106+31.70	-38.76	854.08
W0601	W0602	Landing/Turning Space	4	15.47	0.09	0.6%	0.1% to 2.0%					W0602	106+41.70	-29.00	854.17
W0601	W0610	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W0603	106+52.20	-29.00	854.94
W0602	W0603	Ramp Running Slope	6	10.50	0.77	7.3%	0.5% to 8.3%					W0604	106+85.03	-29.00	855.37
W0602	W0607	Landing/Turning Space	4	7.00	-0.12	-1.7%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0605	106+85.03	-22.00	855.27
W0603	W0604	Sidewalk Running Slope	4	32.83	0.43	1.3%	0.5% to 5.0%					W0606	106+52.20	-22.00	854.84
W0603	W0606	Landing/Turning Space	4	7.00	-0.10	-1.4%	0.1% to 2.0%					W0607	106+41.70	-22.21	854.05
W0604	W0605	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W0608	106+27.06	-22.47	853.90
W0604	W1000	Sidewalk Running Slope	4	37.50	0.26	0.7%	0.5% to 5.0%					W0609	106+27.94	-32.94	853.91
W0605	W1025	Sidewalk Cross Slope	4	37.50	0.26	0.7%	0.5% to 2.0%					W0610	106+26.70	-38.64	854.01
W0605	W0606	Sidewalk Running Slope	4	32.83	-0.43	-1.3%	0.5% to 5.0%					W0611	106+27.72	-46.64	854.63
W0606	W0607	Ramp Running Slope	6	10.50	-0.79	-7.5%	0.5% to 8.3%								
W0607	W0608	Crosswalk Cross Slope - Yield Condition	6	17.87	-0.15	-0.8%	0.0% to 2.0%								
W0608	W0609	Landing/Turning Space	4	1.02	0.01	1.0%	0.1% to 2.0%								
W0609	W0610	Landing/Turning Space	4	5.81	0.10	1.7%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W0610	W0611	Ramp Running Slope	6	8.06	0.62	7.7%	0.5% to 8.3%								
W0700	W0701	Crosswalk Cross Slope - Yield Condition	6	14.15	0.28	2.0%	0.0% to 2.0%					W0700	105+66.22	22.46	852.82
W0700	W0702	Landing/Turning Space	4	6.53	0.10	1.5%	0.1% to 2.0%					W0701	105+78.77	29.00	853.10
W0701	W0702	Landing/Turning Space	4	12.55	-0.18	-1.4%	0.1% to 2.0%					W0702	105+66.22	29.00	852.92



113-10 and 113-10A
MODIFIED

SIDEWALK COMPLIANCE

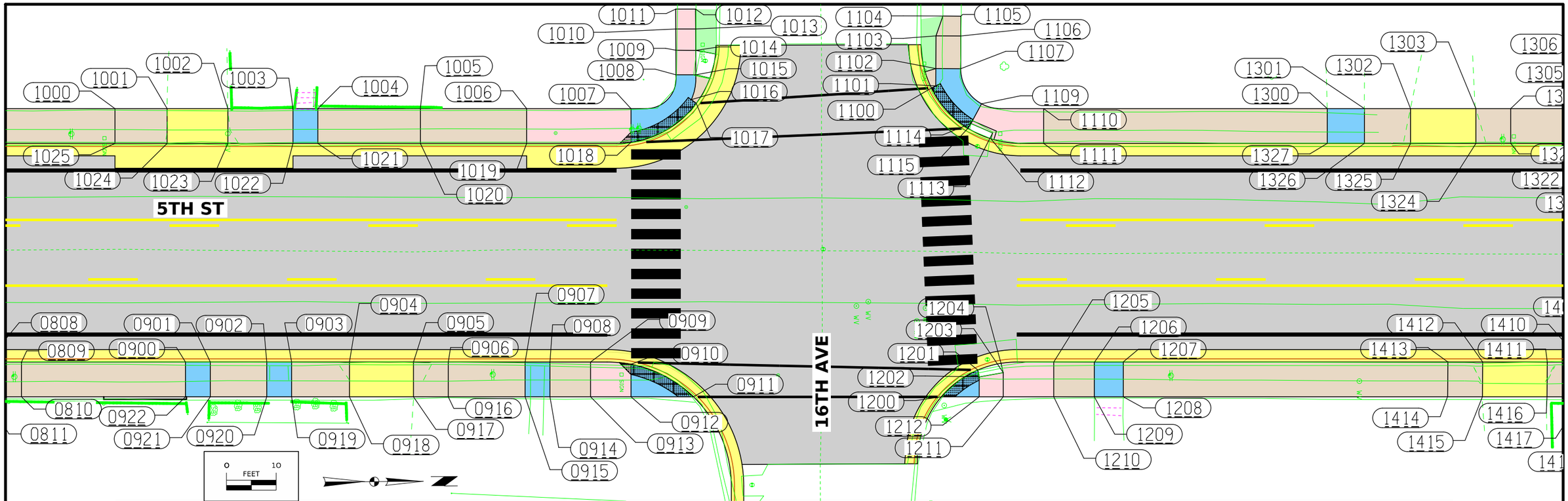
* Does not include curb
(1) Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
(2) Refer to tabulation 113-01 for bid quantities.

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			
												Point	Stationing	Offset	Elevation
W0800	W0801	Ramp Running Slope	6	16.20	-1.10	-6.8%	0.5% to 8.3%					W0800	106+22.19	44.00	855.29
W0800	W0819	Match Existing Cross Slope	4	2.00	0.04	2.0%	Match Existing					W0801	106+24.51	29.00	854.19
W0801	W0802	Crosswalk Cross Slope - Yield Condition	6	14.80	0.09	0.6%	0.0% to 2.0%					W0802	106+37.08	21.82	854.28
W0801	W0818	Landing/Turning Space	4	5.50	0.10	1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0803	106+44.08	22.00	854.83
W0802	W0803	Ramp Running Slope	6	7.00	0.55	7.9%	0.5% to 8.3%	Yes			Proposed slope is maximum allowed	W0804	106+59.20	22.00	854.92
W0802	W0817	Landing/Turning Space	4	7.00	0.14	2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W0805	106+64.20	22.00	854.97
W0803	W0804	Sidewalk Running Slope	4	15.10	0.09	0.6%	0.5% to 5.0%					W0806	106+79.47	22.00	855.25
W0803	W0816	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0807	106+86.47	22.00	855.20
W0804	W0805	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%					W0808	106+96.73	22.00	855.35
W0804	W0815	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0809	107+03.73	22.00	855.46
W0805	W0806	Sidewalk Running Slope	4	15.27	0.28	1.8%	0.5% to 5.0%					W0810	107+03.73	29.00	855.56
W0805	W0814	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0811	106+96.73	29.00	855.45
W0806	W0807	Sidewalk Running Slope	4	7.00	-0.05	-0.7%	0.5% to 5.0%					W0812	106+86.47	29.00	855.30
W0806	W0813	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0813	106+79.47	29.00	855.35
W0807	W0808	Sidewalk Running Slope	6	10.25	0.15	1.5%	0.5% to 5.0%					W0814	106+64.20	29.00	855.07
W0807	W0812	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0815	106+59.20	29.00	855.02
W0808	W0809	Sidewalk Running Slope	4	7.00	0.11	1.6%	0.5% to 5.0%					W0816	106+44.08	29.00	854.93
W0808	W0811	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0817	106+37.08	29.00	854.42
W0809	W0810	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0818	106+30.02	29.00	854.29
W0809	W0900	Sidewalk Running Slope	4	33.00	-0.34	-1.0%	0.5% to 5.0%					W0819	106+24.02	44.00	855.33
W0810	W0922	Sidewalk Running Slope	4	33.00	-0.33	-1.0%	0.5% to 5.0%								
W0810	W0811	Sidewalk Running Slope	4	7.00	-0.11	-1.6%	0.5% to 5.0%								
W0811	W0812	Sidewalk Running Slope	6	10.25	-0.15	-1.5%	0.5% to 5.0%								
W0812	W0813	Sidewalk Cross Slope	4	7.00	0.05	0.7%	0.5% to 2.0%								
W0813	W0814	Sidewalk Running Slope	4	15.27	-0.28	-1.8%	0.5% to 5.0%								
W0814	W0815	Landing/Turning Space	4	5.00	-0.05	-1.0%	0.1% to 2.0%								
W0815	W0816	Sidewalk Cross Slope	4	15.10	-0.09	-0.6%	0.5% to 2.0%								
W0816	W0817	Ramp Running Slope	6	7.00	-0.51	-7.3%	0.5% to 8.3%								
W0817	W0818	Landing/Turning Space	4	7.00	-0.13	-1.9%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W0818	W0819	Ramp Running Slope	6	18.81	1.04	5.5%	0.5% to 8.3%								

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W0900	W0901	Landing/Turning Space	4	5.00	-0.06	-1.2%	0.1% to 2.0%					W0900	107+36.73	22.00	855.13
W0900	W0922	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0901	107+41.73	22.00	855.07
W0901	W0902	Sidewalk Running Slope	4	11.38	-0.03	-0.3%	0.5% to 5.0%					W0902	107+53.11	22.00	855.04
W0901	W0921	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0903	107+58.11	22.00	854.97
W0902	W0903	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W0904	107+69.74	22.00	854.68
W0902	W0920	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0905	107+82.64	22.00	854.53
W0903	W0904	Sidewalk Running Slope	4	11.62	-0.29	-2.5%	0.5% to 5.0%					W0906	107+90.44	22.00	854.59
W0903	W0919	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0907	108+05.11	22.00	854.19
W0904	W0905	Sidewalk Running Slope	4	12.90	-0.15	-1.2%	0.5% to 5.0%					W0908	107+10.11	22.00	854.12
W0904	W0918	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0909	108+18.26	22.00	853.96
W0905	W0906	Sidewalk Running Slope	4	7.00	0.06	0.9%	0.5% to 5.0%					W0910	108+26.41	22.46	853.54
W0905	W0917	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0911	108+38.96	29.00	853.35
W0906	W0907	Sidewalk Running Slope	4	15.47	-0.40	-2.6%	0.5% to 5.0%					W0912	108+26.41	29.00	853.47
W0906	W0916	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W0913	108+18.26	29.00	854.06
W0907	W0908	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W0914	108+10.11	29.00	854.22
W0907	W0915	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0915	108+05.11	29.00	854.29
W0908	W0909	Sidewalk Running Slope	4	9.67	-0.16	-1.7%	0.5% to 5.0%					W0916	107+90.44	29.00	854.69
W0908	W0914	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W0917	107+82.64	29.00	854.63
W0909	W0910	Ramp Running Slope	6	8.00	-0.42	-5.3%	0.5% to 8.3%					W0918	107+69.74	29.00	854.78
W0909	W0913	Ramp Cross Slope	6	7.00	0.10	1.4%	0.1% to 2.0%					W0919	107+58.11	29.00	855.07
W0910	W0911	Crosswalk Cross Slope - Yield Condition	6	12.77	-0.19	-1.5%	0.0% to 2.0%					W0920	107+53.11	29.00	855.14
W0910	W0912	Landing/Turning Space	4	6.24	-0.07	-1.1%	0.1% to 2.0%					W0921	107+41.73	29.00	855.17
W0911	W0912	Landing/Turning Space	4	12.55	0.12	1.0%	0.1% to 2.0%					W0922	107+36.73	29.00	855.23
W0912	W0913	Ramp Running Slope	6	8.00	0.59	7.4%	0.5% to 8.3%								
W0913	W0914	Sidewalk Running Slope	4	9.67	0.16	1.7%	0.5% to 5.0%								
W0914	W0915	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%								
W0915	W0916	Sidewalk Running Slope	4	15.47	0.40	2.6%	0.5% to 5.0%								
W0916	W0917	Sidewalk Running Slope	4	7.00	-0.06	-0.9%	0.5% to 5.0%								
W0917	W0918	Sidewalk Running Slope	4	12.90	0.15	1.2%	0.5% to 5.0%								
W0918	W0919	Sidewalk Running Slope	4	11.62	0.29	2.5%	0.5% to 5.0%								
W0919	W0920	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%								
W0920	W0921	Sidewalk Running Slope	4	11.38	0.03	0.3%	0.5% to 5.0%								
W0921	W0922	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%								
W1000	W1001	Sidewalk Running Slope	4	10.50	0.07	0.7%	0.5% to 5.0%					W1000	107+22.53	-29.00	855.63
W1000	W1025	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1001	107+33.03	-29.00	855.70
W1001	W1002	Sidewalk Running Slope	4	12.23	-0.12	-1.0%	0.5% to 5.0%					W1002	107+45.29	-29.00	855.58
W1001	W1024	Sidewalk Cross Slope	4	7.00	-0.14	-2.0%	0.5% to 2.0%	Yes			Proposed slope is maximum allowed	W1003	107+58.37	-29.00	855.43
W1002	W1003	Sidewalk Running Slope	4	13.10	-0.15	-1.1%	0.5% to 5.0%					W1004	107+63.37	-29.00	855.36
W1002	W1023	Sidewalk Cross Slope	4	7.00	-0.14	-2.0%	0.5% to 2.0%	Yes			Proposed slope is maximum allowed	W1005	107+84.02	-29.00	855.03
W1003	W1004	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1006	108+05.41	-29.00	854.51
W1003	W1022	Landing/Turning Space	4	7.00	-0.10	-1.4%	0.1% to 2.0%					W1007	108+26.41	-29.00	853.04
W1004	W1005	Sidewalk Running Slope	4	20.65	-0.33	-1.6%	0.5% to 5.0%					W1008	108+35.47	-35.78	852.96
W1004	W1021	Landing/Turning Space	4	7.00	-0.10	-1.4%	0.1% to 2.0%					W1009	108+35.45	-40.73	853.32
W1005	W1006	Sidewalk Running Slope	4	21.38	-0.52	-2.4%	0.5% to 5.0%					W1010	108+35.43	-45.01	853.63
W1005	W1020	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1011	108+35.48	-49.01	853.93
W1006	W1007	Ramp Running Slope	6	21.00	-1.47	-7.0%	0.5% to 8.3%					W1012	108+39.42	-49.02	853.78
W1006	W1019	Ramp Cross Slope	6	7.00	-0.10	-1.4%	0.1% to 2.0%					W1013	108+39.50	-45.02	853.55
W1007	W1008	Landing/Turning Space	4	13.26	-0.08	-0.6%	0.1% to 2.0%					W1014	108+39.45	-40.71	853.24
W1007	W1018	Landing/Turning Space	4	6.79	0.05	0.7%	0.1% to 2.0%					W1015	108+39.47	-35.79	852.88
W1008	W1009	Ramp Running Slope	6	5.00	0.36	7.2%	0.5% to 8.3%					W1016	108+38.54	-30.79	852.80
W1008	W1015	Landing/Turning Space	4	4.00	-0.08	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1017	108+39.55	-30.03	852.78
W1009	W1010	Ramp Running Slope	6	4.28	0.31	7.2%	0.5% to 8.3%					W1018	108+26.41	-22.02	853.09
W1009	W1014	Ramp Cross Slope	6	4.00	-0.08	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1019	108+05.41	-22.00	854.41
W1010	W1011	Ramp Running Slope	6	4.00	0.30	7.5%	0.5% to 8.3%					W1020	107+84.02	-22.00	854.93
W1010	W1013	Ramp Cross Slope	6	4.00	-0.08	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1021	107+63.37	-22.00	855.26
W1011	W1012	Match Existing Cross Slope	4	4.00	-0.15	-3.7%	Match Existing					W1022	107+58.37	-22.00	855.33
W1012	W1013	Ramp Running Slope	6	4.00	-0.23	-5.8%	0.5% to 8.3%					W1023	107+45.27	-22.00	855.44
W1013	W1014	Ramp Running Slope	6	4.28	-0.31	-7.2%	0.5% to 8.3%					W1024	107+33.03	-22.00	855.56
W1014	W1015	Ramp Running Slope	6	4.95	-0.36	-7.3%	0.5% to 8.3%					W1025	107+22.53	-22.00	855.53
W1015	W1016	Landing/Turning Space	4	5.09	-0.08	-1.6%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W1016	W1017	Landing/Turning Space	4	1.25	-0.02	-1.6%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed				
W1017	W1018	Crosswalk Cross Slope - Yield Condition	6	15.30	0.31	2.0%	0.0% to 2.0%								
W1018	W1019	Ramp Running Slope	6	21.00	1.32	6.3%	0.5% to 8.3%								
W1019	W1020	Sidewalk Running Slope	4	21.38	0.52	2.4%	0.5% to 5.0%								
W1020	W1021	Sidewalk Running Slope	4	20.65	0.33	1.6%	0.5% to 5.0%								
W1021	W1022	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%								
W1022	W1023	Sidewalk Running Slope	4	13.10	0.11	0.8%	0.5% to 5.0%								
W1023	W1024	Sidewalk Running Slope	4	12.23	0.12	1.0%	0.5% to 5.0%								
W1024	W1025	Sidewalk Running Slope	4	10.50	-0.03	-0.3%	0.5% to 5.0%								

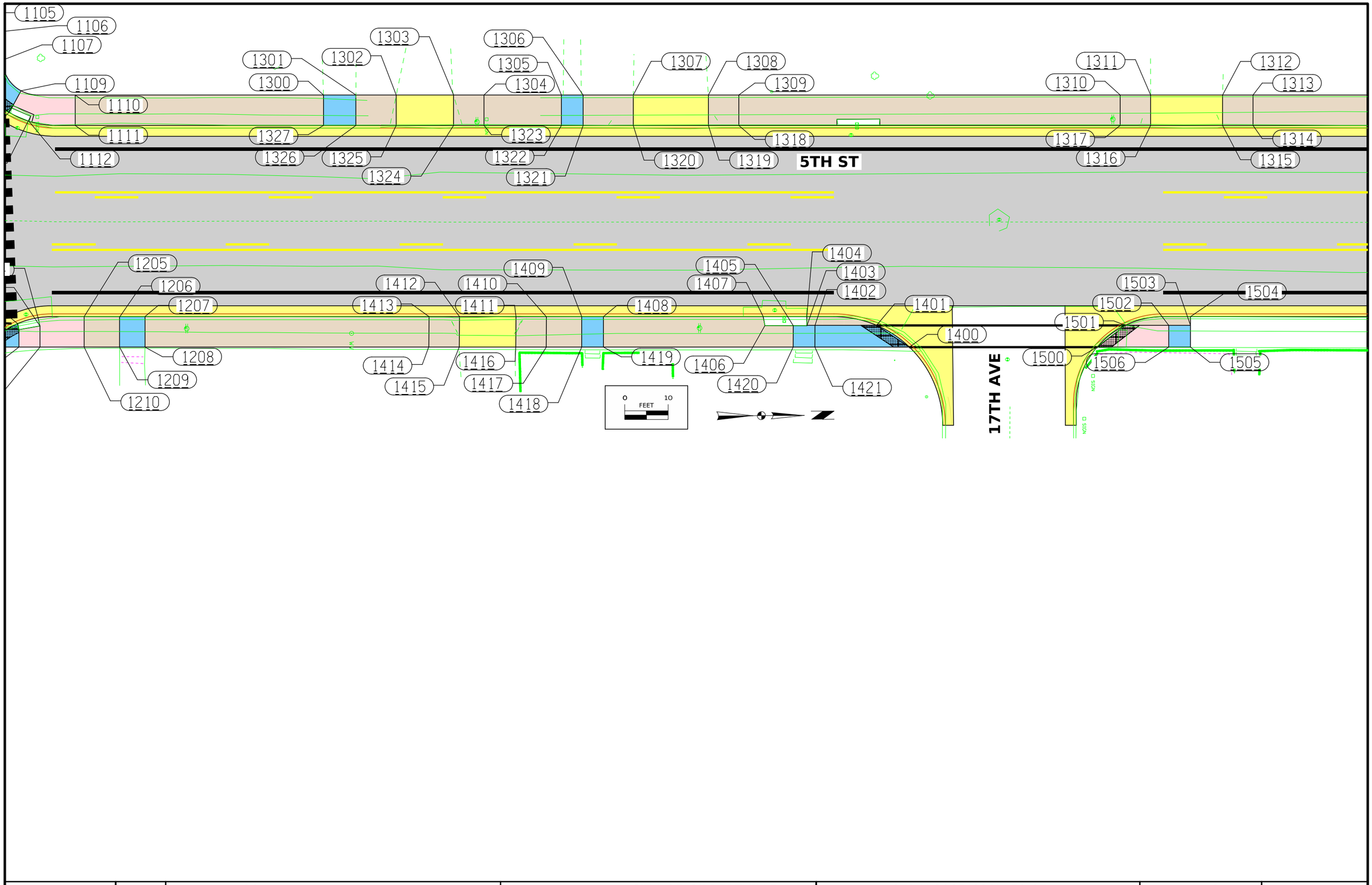


113-10 and 113-10A
MODIFIED

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W1100	W1101	Landing/Turning Space	4	0.97	0.01	1.0%	0.1% to 2.0%					W1100	108+86.88	-33.12	852.16
W1100	W1115	Crosswalk Cross Slope - No Yield Condition	6	10.93	-0.22	-2.0%	0.0% to 5.0%					W1101	108+87.75	-33.56	852.17
W1101	W1102	Landing/Turning Space	4	3.47	0.02	0.6%	0.1% to 2.0%					W1102	108+87.77	-37.03	852.19
W1102	W1103	Sidewalk Running Slope	4	6.51	0.28	4.3%	0.5% to 5.0%					W1103	108+87.79	-43.61	852.47
W1102	W1107	Sidewalk Cross Slope	4	5.00	0.03	0.6%	0.5% to 2.0%					W1104	108+89.19	-47.61	852.62
W1103	W1104	Sidewalk Running Slope	4	4.23	0.15	3.5%	0.5% to 5.0%					W1105	108+92.80	-47.60	852.73
W1103	W1106	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W1106	108+92.79	-43.60	852.54
W1104	W1105	Match Existing Cross Slope	4	3.62	0.11	3.0%	Match Existing					W1107	108+92.77	-37.02	852.22
W1105	W1106	Sidewalk Running Slope	4	4.00	-0.19	-4.8%	0.5% to 5.0%	Yes			Slope required to match existing conditions	W1109	108+96.97	-29.95	852.05
W1106	W1107	Sidewalk Running Slope	4	6.51	-0.32	-4.9%	0.5% to 5.0%	Yes			Slope required to match existing conditions	W1110	109+09.45	-29.00	852.98
W1107	W1109	Landing/Turning Space	4	8.63	-0.17	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1111	109+09.45	-22.00	852.88
W1109	W1114	Landing/Turning Space	4	4.50	-0.09	-2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1112	108+98.84	-22.91	852.25
W1109	W1110	Ramp Running Slope	6	12.60	0.93	7.4%	0.5% to 8.3%					W1113	108+99.19	-24.10	852.28
W1110	W1111	Ramp Cross Slope	6	7.00	-0.10	-1.4%	0.1% to 2.0%					W1114	108+94.83	-26.00	851.96
W1111	W1112	Ramp Running Slope	6	10.67	-0.63	-5.9%	0.5% to 8.3%					W1115	108+94.23	-25.03	851.94
W1112	W1113	Match Existing Cross Slope	4	1.23	0.03	2.4%	Match Existing								
W1113	W1114	Ramp Running Slope	6	4.76	-0.32	-6.7%	0.5% to 8.3%								
W1114	W1115	Landing/Turning Space	4	1.13	-0.02	-1.8%	0.1% to 2.0%	Yes			Slope required to match existing conditions				
W1200	W1201	Crosswalk Cross Slope - Yield Condition	6	9.14	0.05	0.5%	0.0% to 2.0%					W1200	108+88.89	29.00	852.37
W1200	W1212	Landing/Turning Space	4	7.61	0.13	1.7%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W1201	108+96.22	23.61	852.42
W1201	W1202	Landing/Turning Space	4	1.39	0.02	1.4%	0.1% to 2.0%					W1202	108+96.50	25.00	852.44
W1202	W1203	Ramp Running Slope	6	4.89	0.34	7.0%	0.5% to 8.3%					W1203	109+01.33	24.16	852.78
W1202	W1212	Landing/Turning Space	4	3.98	0.06	1.5%	0.1% to 2.0%					W1204	109+00.89	22.26	852.75
W1203	W1204	Ramp Cross Slope	6	1.94	-0.03	-1.5%	0.1% to 2.0%					W1205	109+11.50	22.00	853.27
W1203	W1211	Sidewalk Cross Slope	4	4.84	0.07	1.4%	0.5% to 2.0%					W1206	109+19.65	22.00	853.40
W1204	W1205	Ramp Running Slope	6	10.61	0.52	4.9%	0.5% to 8.3%					W1207	109+25.49	22.00	853.44
W1205	W1206	Sidewalk Running Slope	4	8.14	0.13	1.6%	0.5% to 5.0%					W1208	109+25.49	29.00	853.54
W1205	W1210	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1209	109+19.65	29.00	853.50
W1206	W1207	Landing/Turning Space	4	5.77	0.04	0.7%	0.1% to 2.0%					W1210	109+11.50	29.00	853.37
W1206	W1209	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W1211	109+01.33	29.00	852.85
W1207	W1208	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W1212	108+96.50	29.00	852.50
W1207	W1413	Sidewalk Running Slope	4	65.34	0.59	0.9%	0.5% to 5.0%								
W1208	W1414	Sidewalk Running Slope	4	65.34	0.60	0.9%	0.5% to 5.0%								
W1208	W1209	Landing/Turning Space	4	5.83	-0.04	-0.7%	0.1% to 2.0%								
W1209	W1210	Sidewalk Running Slope	4	12.06	-0.13	-1.1%	0.5% to 5.0%								
W1210	W1211	Ramp Running Slope	6	10.17	-0.52	-5.1%	0.5% to 8.3%								
W1211	W1212	Ramp Running Slope	6	4.82	-0.35	-7.3%	0.5% to 8.3%								



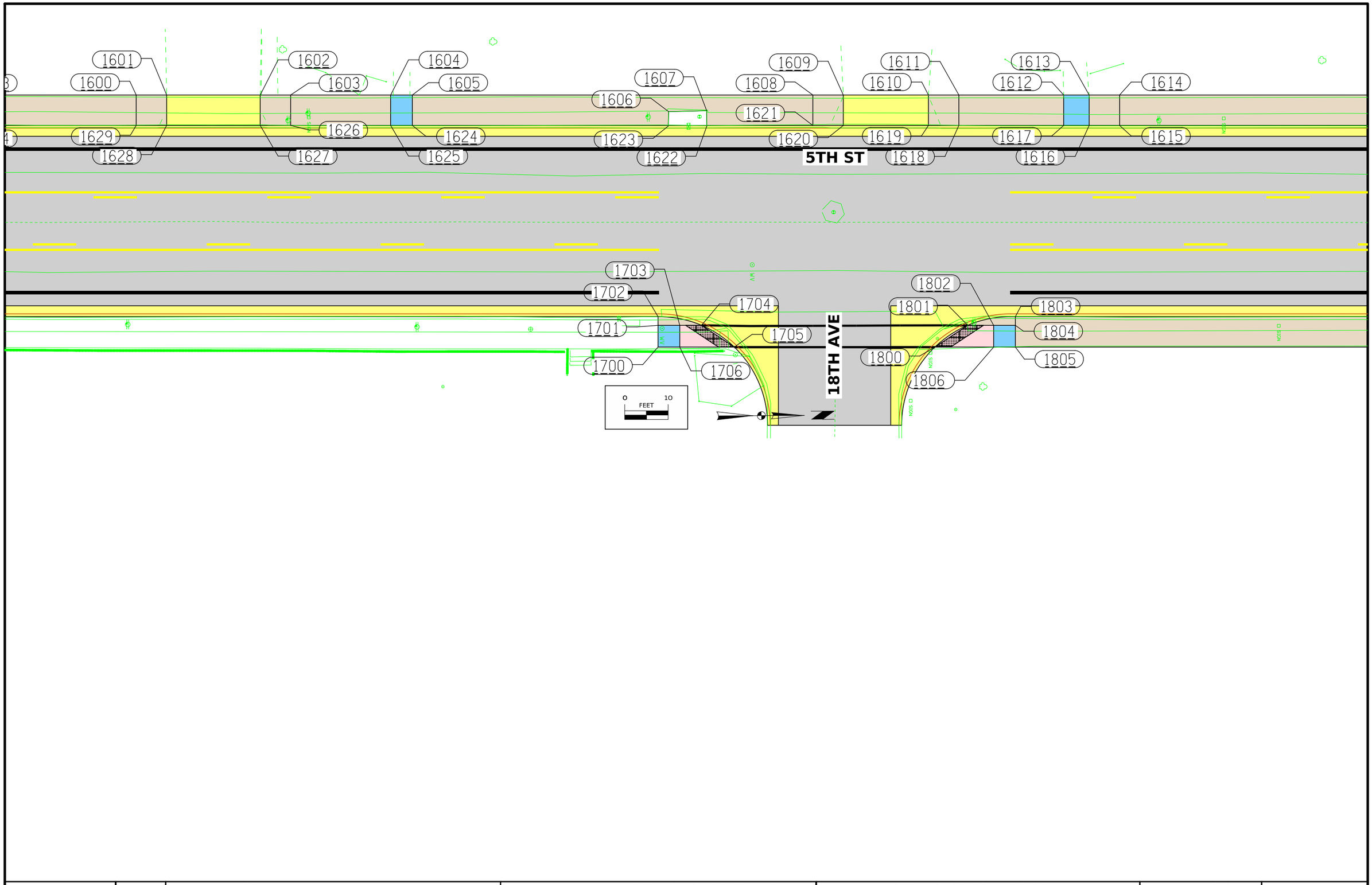
FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER S.7

11:18:10 AM 4/21/2026 anthony.hemann pw:\\aecom-na-pw.bentley.com:AECOM_USA_Iowa\Documents\60761206-Gilbertville 5th St Overlay\900-CAD GIS\CADD_Files\Sheet_Files\S01_5thSt.dgn

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W1300	W1301	Landing/Turning Space	4	7.46	0.11	1.5%	0.1% to 2.0%					W1300	109+66.55	-29.00	853.10
W1300	W1327	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1301	109+74.01	-29.00	853.21
W1301	W1302	Sidewalk Running Slope	4	7.28	-0.14	-1.9%	0.5% to 5.0%					W1302	109+83.29	-29.00	853.07
W1301	W1326	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1303	109+96.46	-29.00	853.15
W1302	W1303	Sidewalk Running Slope	4	13.17	0.08	0.6%	0.5% to 5.0%					W1304	110+03.46	-29.00	853.23
W1302	W1325	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1305	110+21.28	-29.00	853.44
W1303	W1304	Sidewalk Running Slope	4	7.00	0.08	1.1%	0.5% to 5.0%					W1306	110+26.28	-29.00	853.50
W1303	W1324	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1307	110+37.80	-29.00	853.64
W1304	W1305	Sidewalk Running Slope	4	17.81	0.21	1.2%	0.5% to 5.0%					W1308	110+55.08	-29.00	853.86
W1304	W1323	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1309	110+62.08	-29.00	854.13
W1305	W1306	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%					W1310	111+49.79	-29.00	855.65
W1305	W1322	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1311	111+56.79	-29.00	855.55
W1306	W1307	Sidewalk Running Slope	4	11.52	0.14	1.2%	0.5% to 5.0%					W1312	111+73.37	-29.00	855.95
W1306	W1321	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1313	111+80.37	-29.00	856.26
W1307	W1308	Sidewalk Running Slope	4	17.27	0.22	1.3%	0.5% to 5.0%					W1314	111+80.37	-22.00	856.16
W1307	W1320	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1315	111+73.37	-22.00	855.85
W1308	W1309	Sidewalk Running Slope	4	7.00	0.27	3.9%	0.5% to 5.0%					W1316	111+56.79	-22.00	855.45
W1308	W1319	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1317	111+49.79	-22.00	855.55
W1309	W1310	Sidewalk Running Slope	4	87.71	1.52	1.7%	0.5% to 5.0%					W1318	110+62.08	-22.00	854.03
W1309	W1318	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1319	110+37.80	-22.00	853.76
W1310	W1311	Sidewalk Running Slope	4	7.00	-0.10	-1.4%	0.5% to 5.0%					W1320	110+37.80	-22.00	853.54
W1310	W1317	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1321	110+26.28	-22.00	853.40
W1311	W1312	Sidewalk Running Slope	4	16.58	0.40	2.4%	0.5% to 5.0%					W1322	110+21.28	-22.00	853.34
W1311	W1316	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1323	110+03.46	-22.00	853.13
W1312	W1313	Sidewalk Running Slope	4	7.00	0.31	4.4%	0.5% to 5.0%					W1324	109+96.46	-22.00	853.05
W1312	W1315	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1325	109+83.29	-22.00	852.97
W1313	W1314	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1326	109+74.01	-22.00	853.11
W1314	W1315	Sidewalk Running Slope	4	7.00	-0.31	-4.4%	0.5% to 5.0%					W1327	109+66.55	-22.00	853.00
W1315	W1316	Sidewalk Running Slope	4	16.58	-0.40	-2.4%	0.5% to 5.0%								
W1316	W1317	Sidewalk Running Slope	4	7.00	0.10	1.4%	0.5% to 5.0%								
W1317	W1318	Sidewalk Running Slope	4	87.71	-1.52	-1.7%	0.5% to 5.0%								
W1318	W1319	Sidewalk Running Slope	4	7.00	-0.27	-3.9%	0.5% to 5.0%								
W1319	W1320	Sidewalk Running Slope	4	17.27	-0.22	-1.3%	0.5% to 5.0%								
W1320	W1321	Sidewalk Running Slope	4	11.52	-0.14	-1.2%	0.5% to 5.0%								
W1321	W1322	Landing/Turning Space	4	5.00	-0.06	-1.2%	0.1% to 2.0%								
W1322	W1323	Sidewalk Running Slope	4	17.81	-0.21	-1.2%	0.5% to 5.0%								
W1323	W1324	Sidewalk Running Slope	4	7.00	-0.08	-1.1%	0.5% to 5.0%								
W1324	W1325	Sidewalk Running Slope	4	13.17	-0.08	-0.6%	0.5% to 5.0%								
W1325	W1326	Sidewalk Running Slope	4	7.28	0.14	1.9%	0.5% to 5.0%								
W1326	W1327	Landing/Turning Space	4	7.46	-0.11	-1.5%	0.1% to 2.0%								
W1400	W1401	Crosswalk Cross Slope - Yield Condition	6	9.05	-0.11	-1.2%	0.0% to 2.0%					W1400	111+01.32	29.00	855.02
W1400	W1421	Landing/Turning Space	4	21.73	0.24	1.1%	0.1% to 2.0%					W1401	110+93.77	24.00	854.91
W1401	W1402	Landing/Turning Space	4	14.16	0.28	2.0%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1402	110+79.60	24.00	855.19
W1402	W1403	Landing/Turning Space	4	1.85	-0.03	-1.6%	0.1% to 2.0%	Yes			Slope required to match existing conditions	W1403	110+77.78	24.00	855.16
W1402	W1421	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1404	110+77.78	22.00	855.12
W1403	W1404	Sidewalk Cross Slope	4	2.10	-0.04	-1.9%	0.5% to 2.0%	Yes			Slope required to match existing conditions	W1405	110+74.60	24.00	855.14
W1403	W1405	Landing/Turning Space	4	3.14	-0.02	-0.6%	0.1% to 2.0%					W1406	110+68.07	24.00	855.01
W1405	W1420	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1407	110+67.70	24.00	854.99
W1405	W1406	Sidewalk Running Slope	4	6.52	-0.13	-2.0%	0.5% to 5.0%					W1408	110+31.01	22.00	854.56
W1406	W1407	Sidewalk Cross Slope	4	2.10	-0.02	-1.0%	0.5% to 2.0%					W1409	110+25.97	22.00	854.55
W1407	W1408	Sidewalk Running Slope	4	36.75	-0.43	-1.2%	0.5% to 5.0%					W1410	110+14.83	22.00	854.41
W1408	W1409	Landing/Turning Space	4	5.00	-0.01	-0.2%	0.1% to 2.0%					W1411	110+10.96	22.00	854.29
W1408	W1419	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1412	109+97.66	22.00	854.09
W1409	W1410	Sidewalk Running Slope	4	8.17	-0.14	-1.7%	0.5% to 5.0%					W1413	109+90.85	22.00	854.04
W1409	W1418	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1414	109+90.83	29.00	854.14
W1410	W1411	Sidewalk Running Slope	4	7.00	-0.12	-1.7%	0.5% to 5.0%					W1415	109+97.66	29.00	854.19
W1410	W1417	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1416	110+10.96	29.00	854.39
W1411	W1412	Sidewalk Running Slope	6	13.00	-0.20	-1.5%	0.5% to 5.0%					W1417	110+17.83	29.00	854.51
W1411	W1416	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1418	110+25.97	29.00	854.65
W1412	W1413	Sidewalk Running Slope	4	7.00	-0.05	-0.7%	0.5% to 5.0%					W1419	110+31.01	29.00	854.66
W1412	W1415	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1420	110+74.60	29.00	855.21
W1413	W1414	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W1421	110+79.58	29.00	855.26
W1414	W1415	Sidewalk Running Slope	4	7.00	0.05	0.7%	0.5% to 5.0%								
W1415	W1416	Sidewalk Running Slope	6	13.00	0.20	1.5%	0.5% to 5.0%								
W1416	W1417	Sidewalk Running Slope	4	7.00	0.12	1.7%	0.5% to 5.0%								
W1417	W1418	Sidewalk Running Slope	4	8.17	0.14	1.7%	0.5% to 5.0%								
W1418	W1419	Landing/Turning Space	4	5.00	0.01	0.2%	0.1% to 2.0%								
W1419	W1420	Sidewalk Running Slope	4	43.64	0.55	1.3%	0.5% to 5.0%								
W1420	W1421	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%								
W1500	W1501	Crosswalk Cross Slope - Yield Condition	6	8.24	0.02	0.2%	0.0% to 2.0%					W1500	111+44.49	29.00	855.85
W1500	W1506	Ramp Running Slope	6	16.48	0.77	4.7%	0.5% to 8.3%					W1501	111+50.97	24.00	855.87
W1501	W1502	Ramp Running Slope	6	10.00	0.68	6.8%	0.5% to 8.3%					W1502	111+60.97	24.00	856.55
W1502	W1503	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1503	111+65.97	24.00	856.62
W1502	W1506	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1504	111+65.97	22.00	856.62
W1503	W1504	Sidewalk Cross Slope	4	2.00	0.00	0.0%	0.5% to 2.0%					W1505	111+65.97	29.00	856.69
W1503	W1505	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1506	111+60.97	29.00	856.62
W1505	W1506	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								



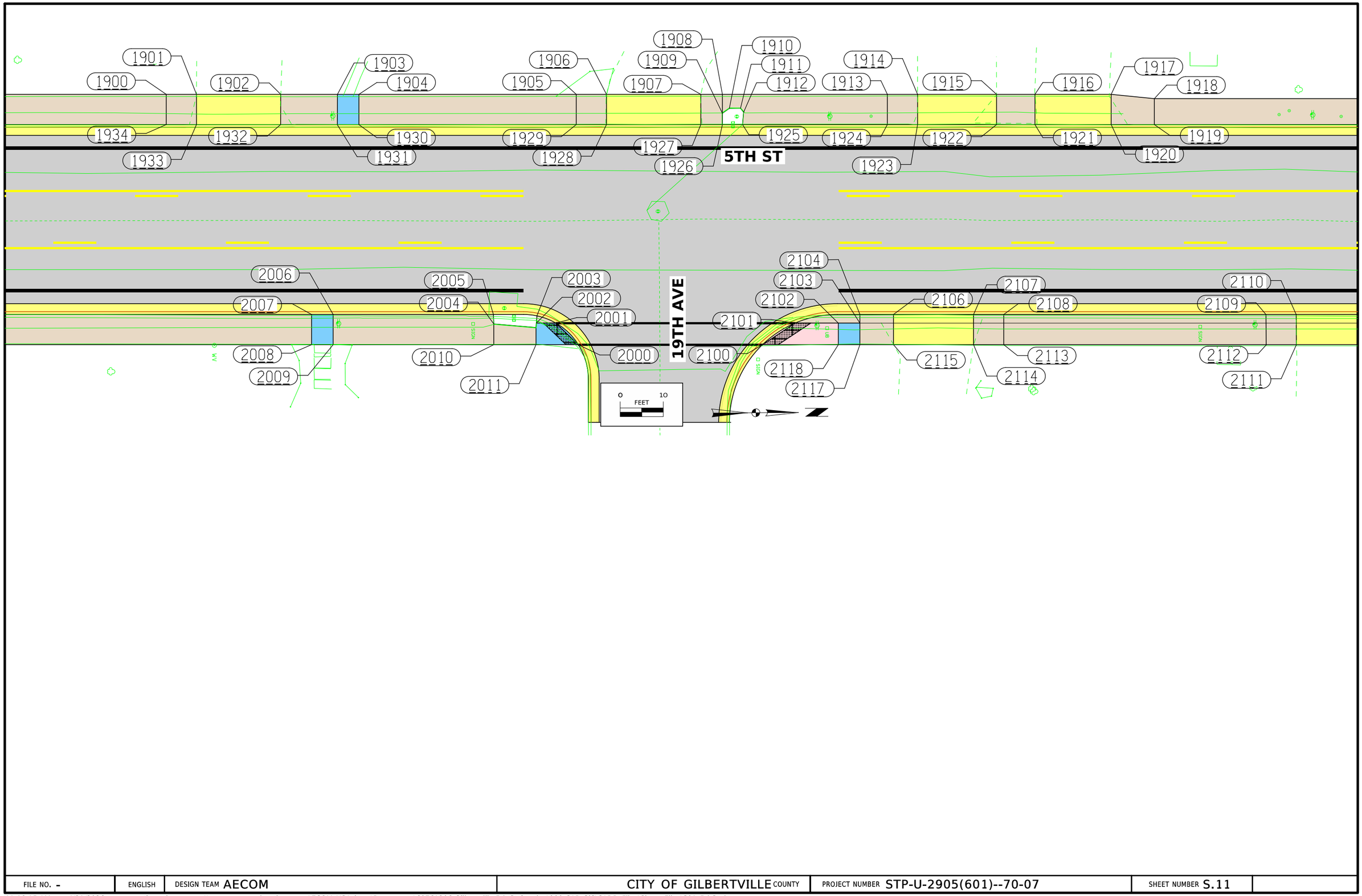
FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER S.9

11:18:13 AM 4/21/2026 anthony.hemann pw:\\aecom-na-pw.bentley.com:AECOM_USA_Iowa\Documents\60761206-Gilbertville 5th St Overlay\900-CAD GIS\CADD_Files\Sheet_Files\S01_5thSt.dgn

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W1600	W1601	Sidewalk Running Slope	4	7.00	0.04	0.6%	0.5% to 5.0%					W1600	112+23.49	-29.00	857.52
W1600	W1629	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1601	112+30.49	-29.00	857.56
W1601	W1602	Sidewalk Running Slope	4	21.51	0.69	3.2%	0.5% to 5.0%					W1602	112+52.00	-29.00	858.25
W1601	W1628	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1603	112+59.00	-29.00	858.53
W1602	W1603	Sidewalk Running Slope	4	7.00	0.28	4.0%	0.5% to 5.0%					W1604	112+82.01	-29.00	859.26
W1602	W1627	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1605	112+84.01	-29.00	859.33
W1603	W1604	Sidewalk Running Slope	4	23.00	0.73	3.2%	0.5% to 5.0%					W1606	113+45.94	-29.00	860.89
W1603	W1626	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1607	113+54.70	-29.00	861.12
W1604	W1605	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1608	113+79.11	-29.00	861.80
W1604	W1625	Sidewalk Cross Slope	4	7.00	0.00	0.0%	0.5% to 2.0%					W1609	113+86.11	-29.00	861.66
W1605	W1608	Sidewalk Running Slope	4	92.10	2.47	2.7%	0.5% to 5.0%					W1610	114+05.69	-29.00	862.00
W1605	W1624	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1611	114+12.69	-29.00	862.09
W1608	W1609	Sidewalk Running Slope	4	7.00	-0.14	-2.0%	0.5% to 5.0%					W1612	114+36.81	-29.00	862.38
W1608	W1621	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1613	114+42.66	-29.00	862.40
W1609	W1610	Sidewalk Running Slope	4	19.58	0.34	1.7%	0.5% to 5.0%					W1614	114+49.66	-29.00	862.70
W1609	W1620	Sidewalk Cross Slope	4	7.00	-0.07	-1.0%	0.5% to 2.0%					W1615	114+49.66	-22.00	862.60
W1610	W1611	Sidewalk Running Slope	4	7.00	0.09	1.3%	0.5% to 5.0%					W1616	114+42.66	-22.00	862.30
W1610	W1619	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1617	114+36.81	-22.00	862.28
W1611	W1612	Sidewalk Running Slope	4	24.12	0.29	1.2%	0.5% to 5.0%					W1618	114+12.69	-22.00	861.99
W1611	W1618	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1619	114+05.69	-22.00	861.90
W1612	W1613	Landing/Turning Space	4	5.84	0.02	0.3%	0.1% to 2.0%					W1620	113+86.11	-22.00	861.59
W1612	W1617	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1621	113+79.11	-22.00	861.70
W1613	W1614	Sidewalk Running Slope	4	7.00	0.30	4.3%	0.5% to 5.0%					W1622	113+54.73	-22.00	861.14
W1613	W1616	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1623	113+45.87	-22.00	860.93
W1614	W1615	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1624	112+87.01	-22.00	859.23
W1615	W1616	Sidewalk Running Slope	4	7.00	-0.30	-4.3%	0.5% to 5.0%					W1625	112+82.01	-22.00	859.26
W1616	W1617	Landing/Turning Space	4	5.84	-0.02	-0.3%	0.1% to 2.0%					W1626	112+59.00	-22.00	858.43
W1617	W1618	Sidewalk Running Slope	4	24.12	-0.29	-1.2%	0.5% to 5.0%					W1627	112+52.00	-22.00	858.15
W1618	W1619	Sidewalk Running Slope	4	7.00	-0.09	-1.3%	0.5% to 5.0%					W1628	112+30.49	-22.00	857.46
W1619	W1620	Sidewalk Running Slope	4	19.58	-0.31	-1.6%	0.5% to 5.0%					W1629	112+23.49	-22.00	857.42
W1620	W1621	Sidewalk Running Slope	4	7.00	0.11	1.6%	0.5% to 5.0%								
W1621	W1622	Sidewalk Running Slope	4	24.38	-0.56	-2.3%	0.5% to 5.0%								
W1622	W1607	Sidewalk Cross Slope	4	3.50	-0.02	-0.6%	0.5% to 2.0%								
W1607	W1606	Sidewalk Running Slope	4	8.76	-0.23	-2.6%	0.5% to 5.0%								
W1606	W1623	Sidewalk Cross Slope	4	3.15	0.04	1.3%	0.5% to 2.0%								
W1623	W1624	Sidewalk Running Slope	4	58.85	-1.70	-2.9%	0.5% to 5.0%								
W1624	W1625	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%								
W1625	W1626	Sidewalk Running Slope	4	23.00	-0.83	-3.6%	0.5% to 5.0%								
W1626	W1627	Sidewalk Running Slope	4	7.00	-0.28	-4.0%	0.5% to 5.0%								
W1627	W1628	Sidewalk Running Slope	4	21.51	-0.69	-3.2%	0.5% to 5.0%								
W1628	W1629	Sidewalk Running Slope	4	7.00	-0.04	-0.6%	0.5% to 5.0%								
W1700	W1701	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W1700	113+43.49	29.00	862.08
W1700	W1706	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1701	113+43.49	24.00	862.01
W1701	W1702	Sidewalk Cross Slope	4	2.00	0.00	0.0%	0.5% to 2.0%					W1702	113+43.49	22.00	862.01
W1701	W1703	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1703	113+48.49	24.00	862.08
W1703	W1704	Ramp Running Slope	6	5.00	-0.15	-3.0%	0.5% to 8.3%					W1704	113+53.49	24.00	861.93
W1704	W1705	Crosswalk Cross Slope - Yield Condition	6	9.05	0.18	2.0%	0.0% to 2.0%					W1705	113+61.13	29.00	862.11
W1705	W1706	Ramp Running Slope	6	12.55	0.04	0.3%	0.5% to 8.3%					W1706	113+48.49	29.00	862.15
W1800	W1801	Crosswalk Cross Slope - Yield Condition	6	9.05	0.18	2.0%	0.0% to 2.0%					W1800	114+07.19	29.00	862.91
W1800	W1806	Ramp Running Slope	6	12.51	0.55	4.4%	0.5% to 8.3%					W1801	114+14.74	24.00	863.09
W1801	W1802	Ramp Running Slope	6	5.00	0.30	6.0%	0.5% to 8.3%					W1802	114+20.70	24.00	863.39
W1802	W1804	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1803	114+25.71	22.00	863.46
W1802	W1806	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1804	114+25.71	24.00	863.46
W1804	W1803	Sidewalk Cross Slope	4	2.00	0.00	0.0%	0.5% to 2.0%					W1805	114+25.71	29.00	863.53
W1804	W1805	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W1806	114+20.71	29.00	863.46
W1805	W1806	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								



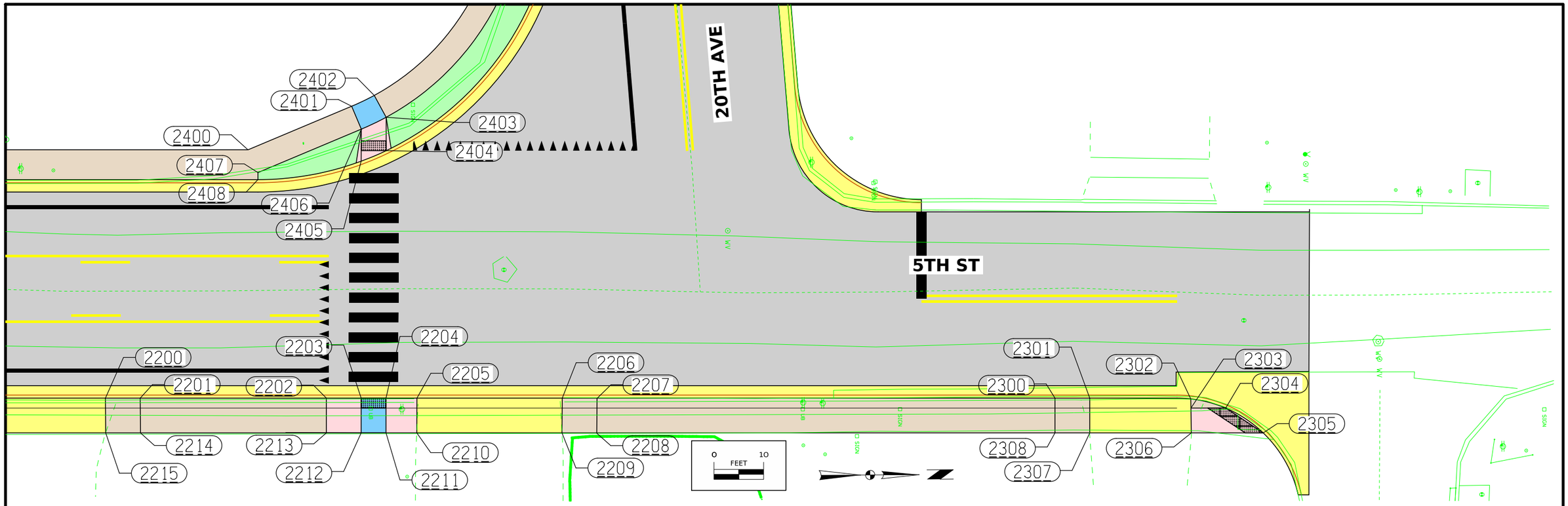
FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER S.11

11:18:15 AM 4/21/2026 anthony.hemann pw:\\aecom-na-pw.bentley.com:AECOM_USA_Iowa\Documents\60761206-Gilbertville 5th St Overlay\900-CAD GIS\CADD_Files\Sheet_Files\S01_5thSt.dgn

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W1900	W1901	Sidewalk Running Slope	4	7.00	-0.22	-3.1%	0.5% to 5.0%					W1900	115+30.66	-29.00	863.35
W1900	W1934	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1901	115+37.66	-29.00	863.13
W1901	W1902	Sidewalk Running Slope	4	19.53	0.05	0.3%	0.5% to 5.0%					W1902	115+57.20	-29.00	863.18
W1901	W1933	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1903	115+70.32	-29.00	863.50
W1902	W1903	Sidewalk Running Slope	4	13.11	0.32	2.4%	0.5% to 5.0%					W1904	115+75.31	-29.00	863.55
W1902	W1932	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1905	116+25.67	-29.00	864.14
W1903	W1904	Landing/Turning Space	4	5.00	0.05	1.0%	0.1% to 2.0%					W1906	116+32.67	-29.00	863.90
W1903	W1931	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1907	116+54.53	29.00	864.30
W1904	W1905	Sidewalk Running Slope	4	50.36	0.59	1.2%	0.5% to 5.0%					W1908	116+59.53	-29.00	864.33
W1904	W1930	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1909	116+59.53	24.61	864.27
W1905	W1906	Sidewalk Running Slope	4	7.00	-0.24	-3.4%	0.5% to 5.0%					W1910	116+61.15	-25.73	864.35
W1905	W1929	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1911	116+63.72	-25.75	864.32
W1906	W1907	Sidewalk Running Slope	4	21.85	0.40	1.8%	0.5% to 5.0%					W1912	116+64.52	-24.98	864.30
W1906	W1928	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1913	116+97.74	-29.00	865.16
W1907	W1908	Sidewalk Running Slope	4	5.00	0.03	0.6%	0.5% to 5.0%					W1914	117+04.75	-29.00	865.05
W1907	W1927	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1915	117+23.05	-29.00	865.30
W1908	W1913	Sidewalk Running Slope	4	43.21	0.83	1.9%	0.5% to 5.0%					W1916	117+31.95	-29.00	865.43
W1908	W1909	Sidewalk Cross Slope	4	4.40	-0.06	-1.4%	0.5% to 2.0%					W1917	117+49.60	-29.00	865.70
W1913	W1914	Sidewalk Running Slope	4	7.00	-0.11	-1.6%	0.5% to 5.0%					W1918	117+59.60	-28.00	866.15
W1913	W1924	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1919	117+59.60	-22.00	866.06
W1914	W1915	Sidewalk Running Slope	4	18.29	0.25	1.4%	0.5% to 5.0%					W1920	117+49.60	-22.00	865.62
W1914	W1923	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1921	117+31.95	-22.00	865.33
W1915	W1916	Sidewalk Running Slope	4	8.90	0.13	1.5%	0.5% to 5.0%					W1922	117+23.05	-22.00	865.20
W1915	W1922	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1923	117+04.54	-22.00	864.95
W1916	W1917	Sidewalk Running Slope	4	17.65	0.27	1.5%	0.5% to 5.0%					W1924	116+97.74	-22.00	865.06
W1916	W1921	Sidewalk Cross Slope	4	7.00	-0.10	-1.4%	0.5% to 2.0%					W1925	116+64.20	-22.00	864.34
W1917	W1918	Sidewalk Running Slope	4	10.05	0.45	4.5%	0.5% to 5.0%					W1926	116+59.53	-22.00	864.24
W1917	W1920	Sidewalk Cross Slope	4	7.00	-0.08	-1.1%	0.5% to 2.0%					W1927	116+54.53	-22.00	864.20
W1918	W1919	Sidewalk Cross Slope	4	6.00	-0.09	-1.5%	0.5% to 2.0%					W1928	116+32.67	-22.00	863.80
W1919	W1920	Sidewalk Running Slope	4	10.00	-0.44	-4.4%	0.5% to 5.0%					W1929	116+25.67	-22.00	864.04
W1920	W1921	Sidewalk Running Slope	4	17.65	-0.29	-1.6%	0.5% to 5.0%					W1930	115+75.32	-22.00	863.45
W1921	W1922	Sidewalk Running Slope	4	8.90	-0.13	-1.5%	0.5% to 5.0%					W1931	115+70.32	-22.00	863.40
W1922	W1923	Sidewalk Running Slope	4	18.29	-0.25	-1.4%	0.5% to 5.0%					W1932	115+57.20	-22.00	863.08
W1923	W1924	Sidewalk Running Slope	4	7.00	0.11	1.6%	0.5% to 5.0%					W1933	115+37.66	-22.00	863.03
W1924	W1925	Sidewalk Running Slope	4	33.54	-0.72	-2.1%	0.5% to 5.0%					W1934	115+30.66	-22.00	863.25
W1925	W1912	Sidewalk Cross Slope	4	2.87	-0.04	-1.4%	0.5% to 2.0%								
W1912	W1911	Sidewalk Running Slope	4	1.17	0.02	1.7%	0.5% to 5.0%								
W1911	W1910	Sidewalk Running Slope	4	2.56	0.03	1.2%	0.5% to 5.0%								
W1910	W1909	Sidewalk Running Slope	4	1.96	-0.08	-4.1%	0.5% to 5.0%								
W1909	W1926	Sidewalk Cross Slope	4	2.60	-0.03	-1.2%	0.5% to 2.0%								
W1926	W1927	Sidewalk Running Slope	4	5.00	-0.04	-0.8%	0.5% to 5.0%								
W1927	W1928	Sidewalk Running Slope	4	21.85	-0.40	-1.8%	0.5% to 5.0%								
W1928	W1929	Sidewalk Running Slope	4	7.00	0.24	3.4%	0.5% to 5.0%								
W1929	W1930	Sidewalk Running Slope	4	50.36	-0.59	-1.2%	0.5% to 5.0%								
W1930	W1931	Landing/Turning Space	4	5.00	-0.05	-1.0%	0.1% to 2.0%								
W1931	W1932	Sidewalk Running Slope	4	13.11	-0.32	-2.4%	0.5% to 5.0%								
W1932	W1933	Sidewalk Running Slope	4	19.53	-0.05	-0.3%	0.5% to 5.0%								
W1933	W1934	Sidewalk Running Slope	4	7.00	0.22	3.1%	0.5% to 5.0%								
W2000	W2001	Crosswalk Cross Slope - Yield Condition	6	8.35	-0.12	-1.4%	0.0% to 2.0%					W2000	116+26.51	29.00	864.50
W2000	W2011	Landing/Turning Space	4	9.81	0.06	0.6%	0.1% to 2.0%					W2001	116+20.95	24.00	864.38
W2001	W2002	Landing/Turning Space	4	6.19	0.08	1.3%	0.1% to 2.0%					W2002	116+16.43	24.00	864.46
W2002	W2003	Sidewalk Cross Slope	4	2.70	-0.03	-1.1%	0.5% to 2.0%					W2003	116+16.56	22.32	864.43
W2002	W2011	Landing/Turning Space	4	5.00	0.10	2.0%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W2004	116+06.56	24.20	864.27
W2002	W2004	Sidewalk Running Slope	4	9.80	-0.19	-1.9%	0.5% to 5.0%					W2005	116+06.56	22.00	864.24
W2004	W2005	Sidewalk Cross Slope	4	2.20	-0.03	-1.4%	0.5% to 2.0%					W2006	115+69.35	22.00	863.90
W2004	W2010	Sidewalk Cross Slope	4	4.80	0.07	1.5%	0.5% to 2.0%					W2007	115+64.35	22.00	863.83
W2005	W2006	Sidewalk Running Slope	4	37.12	-0.34	-0.9%	0.5% to 2.0%					W2008	115+64.35	29.00	863.93
W2006	W2007	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2009	115+69.35	29.00	864.00
W2006	W2009	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2010	116+06.56	29.00	864.34
W2007	W2008	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2011	116+16.34	29.00	864.56
W2008	W2009	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%								
W2009	W2010	Sidewalk Running Slope	4	37.12	0.34	0.9%	0.5% to 5.0%								
W2010	W2011	Sidewalk Running Slope	4	9.77	0.22	2.3%	0.5% to 5.0%								
W2100	W2101	Crosswalk Cross Slope - Yield Condition	6	9.05	-0.04	-0.4%	0.0% to 2.0%					W2100	116+68.82	29.00	865.12
W2100	W2118	Ramp Running Slope	6	17.55	0.76	4.3%	0.5% to 8.3%					W2101	116+76.38	24.00	865.08
W2101	W2102	Ramp Running Slope	6	10.00	0.73	7.3%	0.5% to 8.3%					W2102	116+86.38	24.00	865.81
W2102	W2103	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2103	116+91.38	24.00	865.88
W2102	W2118	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2104	116+91.38	22.00	865.88
W2103	W2104	Sidewalk Running Slope	4	2.00	0.00	0.0%	0.5% to 5.0%					W2106	116+99.17	22.00	866.10
W2103	W2117	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2107	117+17.95	22.00	866.30
W2104	w2106	Sidewalk Running Slope	4	7.79	0.22	2.8%	0.5% to 5.0%					W2108	117+24.73	22.00	866.40
W2106	W2107	Sidewalk Running Slope	6	18.56	0.20	1.1%	0.5% to 5.0%					W2109	117+85.85	22.00	867.27
W2106	W2115	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2110	117+92.47	22.00	867.38
W2107	W2108	Sidewalk Running Slope	4	7.00	0.10	1.4%	0.5% to 5.0%					W2111	117+92.47	29.00	867.48
W2107	W2114	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2112	117+85.85	29.00	867.37
W2108	W2109	Sidewalk Running Slope	4	60.80	0.87	1.4%	0.5% to 5.0%					W2113	117+24.73	29.00	866.50
W2108	W2113	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2114	117+17.95	29.00	866.40
W2109	W2110	Sidewalk Running Slope	4	7.00	0.11	1.6%	0.5% to 5.0%					W2115	116+99.17	29.00	866.20
W2109	W2112	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2117	116+91.38	29.00	865.95
W2110	W2111	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2118	116+86.38	29.00	865.88
W2111	W2112	Sidewalk Running Slope	4	7.00	-0.11	-1.6%	0.5% to 5.0%								
W2112	W2113	Sidewalk Running Slope	4	60.80	-0.87	-1.4%	0.5% to 5.0%								
W2113	W2114	Sidewalk Running Slope	4	7.00	-0.10	-1.4%	0.5% to 5.0%								
W2114	W2115	Sidewalk Running Slope	6	18.56	-0.20	-1.1%	0.5% to 5.0%								
W2115	w2117	Sidewalk Running Slope	4	7.79	-0.25	-3.2%	0.5% to 5.0%								
W2117	W2118	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								
W2110	W2200	Sidewalk Running Slope	6	20.89	0.24	1.1%	0.5% to 5.0%								
W2111	W2215	Sidewalk Running Slope	6	20.89	0.24	1.1%	0.5% to 5.0%								



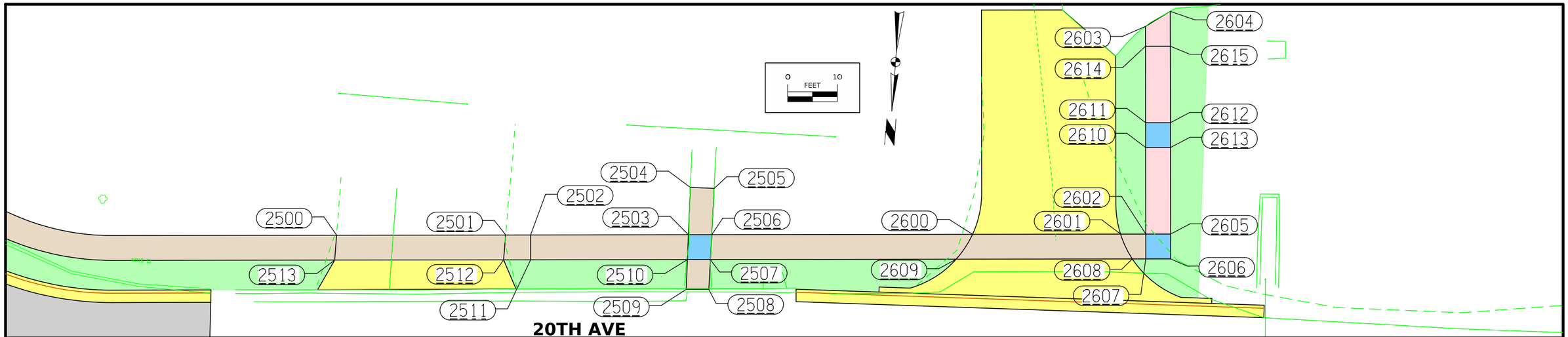
FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER S.13

11:18:18 AM 4/21/2026 anthony.hemann pw:\\aecom-na-pw.bentley.com:AECOM_USA_Iowa\Documents\60761206-Gilbertville 5th St Overlay\900-CAD GIS\CADD_Files\Sheet_Files\S01_5thSt.dgn

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W2200	W2201	Sidewalk Running Slope	4	7.00	0.07	1.0%	0.5% to 5.0%					W2200	118+18.36	22.00	867.62
W2200	W2215	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2201	118+20.36	22.00	867.69
W2201	W2202	Sidewalk Running Slope	4	37.48	0.16	0.4%	0.5% to 5.0%					W2202	118+57.85	22.00	867.85
W2201	W2214	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2203	118+64.85	22.00	867.40
W2202	W2203	Ramp Running Slope	6	8.00	-0.45	-5.6%	0.5% to 8.3%					W2204	118+69.85	22.00	867.43
W2202	W2213	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2205	118+76.07	22.00	867.78
W2203	W2204	Landing/Turning Space	4	5.00	0.03	0.6%	0.1% to 2.0%					W2206	119+05.31	22.00	867.86
W2203	W2212	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W2207	119+12.31	22.00	867.93
W2204	W2205	Ramp Running Slope	6	6.22	0.35	5.6%	0.5% to 8.3%					W2208	119+12.31	29.00	868.03
W2204	W2211	Landing/Turning Space	4	7.00	0.10	1.4%	0.1% to 2.0%					W2209	119+05.31	29.00	867.96
W2205	W2206	Sidewalk Running Slope	6	29.24	0.08	0.3%	0.5% to 5.0%					W2210	118+76.07	29.00	867.88
W2205	W2210	Ramp Cross Slope	6	7.00	0.10	1.4%	0.1% to 2.0%					W2211	118+69.85	29.00	867.53
W2206	W2207	Sidewalk Running Slope	4	7.05	0.07	1.0%	0.5% to 5.0%					W2212	118+64.85	29.00	867.50
W2206	W2209	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2213	188+57.85	29.00	867.95
W2207	W2208	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2214	118+20.36	29.00	867.79
W2207	W2300	Sidewalk Running Slope	4	92.10	0.91	1.0%	0.5% to 5.0%					W2215	118+18.36	29.00	867.72
W2208	W2308	Sidewalk Running Slope	4	92.10	0.91	1.0%	0.5% to 5.0%								
W2208	W2209	Sidewalk Running Slope	4	7.05	-0.07	-1.0%	0.5% to 5.0%								
W2209	W2210	Sidewalk Running Slope	6	29.24	-0.08	-0.3%	0.5% to 5.0%								
W2210	W2211	Ramp Running Slope	6	6.22	-0.35	-5.6%	0.5% to 8.3%								
W2211	W2212	Landing/Turning Space	4	5.00	-0.03	-0.6%	0.1% to 2.0%								
W2212	W2213	Ramp Running Slope	6	8.00	0.45	5.6%	0.5% to 8.3%								
W2213	W2214	Sidewalk Running Slope	4	37.48	-0.16	-0.4%	0.5% to 5.0%								
W2214	W2215	Sidewalk Running Slope	4	7.00	-0.07	-1.0%	0.5% to 5.0%								
W2300	W2301	Sidewalk Running Slope	4	7.00	0.06	0.9%	0.5% to 5.0%					W2300	120+04.32	22.88	868.84
W2300	W2308	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2301	120+11.77	22.72	868.90
W2301	W2302	Sidewalk Running Slope	4	20.33	0.28	1.4%	0.5% to 5.0%					W2302	120+31.80	22.15	869.18
W2301	W2307	Sidewalk Cross Slope	4	7.00	0.10	1.4%	0.5% to 2.0%					W2303	120+31.80	24.00	869.18
W2302	W2303	Sidewalk Cross Slope	4	1.84	0.00	0.0%	0.5% to 2.0%					W2304	120+38.84	24.00	868.79
W2303	W2304	Ramp Running Slope	6	7.00	-0.39	-5.6%	0.5% to 8.3%					W2305	120+46.39	29.00	868.88
W2303	W2306	Ramp Cross Slope	6	5.00	0.07	1.4%	0.1% to 2.0%					W2306	120+31.80	29.00	869.25
W2304	W2305	Crosswalk Cross Slope - Yield Condition	6	9.05	0.09	1.0%	`					W2307	120+11.77	29.00	869.00
W2305	W2306	Ramp Running Slope	6	14.47	0.37	2.6%	0.5% to 8.3%					W2308	120+04.32	29.00	868.94
W2306	W2307	Sidewalk Running Slope	4	20.33	-0.25	-1.2%	0.5% to 5.0%								
W2307	W2308	Sidewalk Running Slope	4	7.00	-0.06	-0.9%	0.5% to 5.0%								
W2400	W2401	Sidewalk Running Slope	4	22.64	0.23	1.0%	0.5% to 5.0%					W2400	118+42.05	-28.00	866.98
W2401	W2402	Landing/Turning Space	4	5.83	0.05	0.9%	0.1% to 2.0%					W2401	118+62.92	-36.77	867.21
W2401	W2406	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2402	118+67.50	-39.00	867.26
W2402	W2403	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W2403	118+69.90	-34.60	867.19
W2403	W2204	Ramp Running Slope	6	6.78	0.24	3.5%	0.5% to 8.3%					W2404	118+70.63	-28.20	866.61
W2403	W2406	Landing/Turning Space	4	6.41	-0.05	-0.8%	0.1% to 2.0%					W2405	118+64.84	-25.71	866.67
W2404	W2405	Crosswalk Cross Slope - Yield Condition	6	6.30	0.06	1.0%	0.0% to 2.0%					W2406	118+64.84	-32.16	867.14
W2405	W2406	Ramp Running Slope	6	6.45	0.47	7.3%	0.5% to 8.3%					W2407	118+44.06	-23.42	866.90
W2406	W2407	Sidewalk Running Slope	4	22.56	-0.24	-1.1%	0.5% to 5.0%					W2408	118+44.06	-22.00	866.88
W2407	W2408	Sidewalk Cross Slope	4	1.42	-0.02	-1.4%	0.5% to 2.0%								



113-10 and 113-10A
MODIFIED

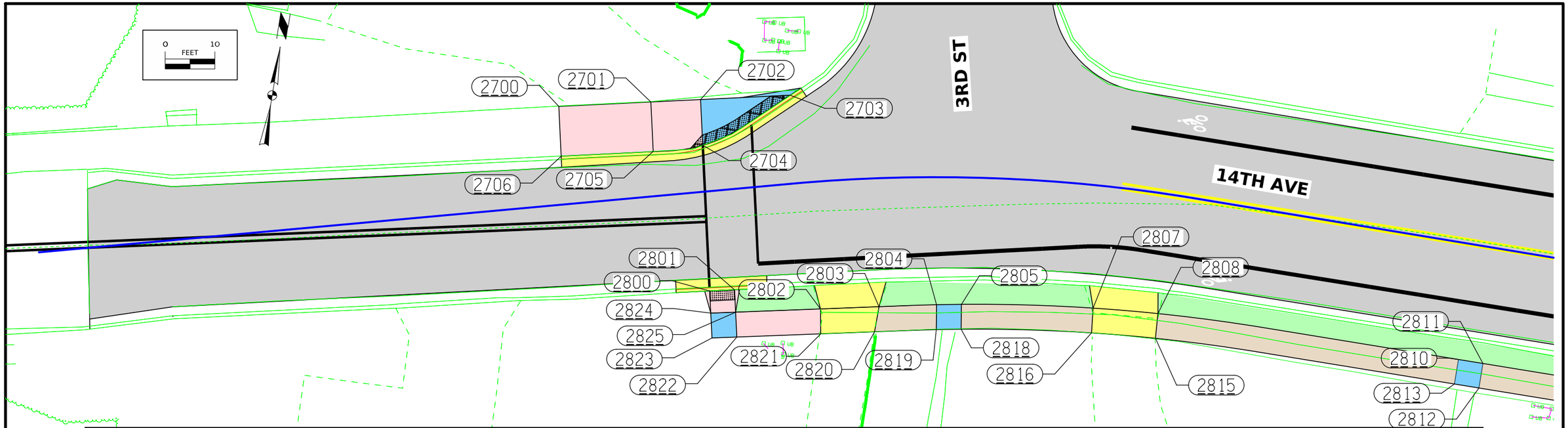
SIDEWALK COMPLIANCE

* 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
W2500	W2501	Sidewalk Running Slope	4	34.03	0.10	0.3%	0.5% to 5.0%				
W2500	W2513	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%				
W2501	W2502	Sidewalk Running Slope	4	5.00	0.21	4.2%	0.5% to 5.0%				
W2501	W2512	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%				
W2502	W2503	Sidewalk Running Slope	4	31.75	-0.45	-1.4%	0.5% to 5.0%				
W2502	W2511	Sidewalk Cross Slope	4	5.00	-0.07	-1.4%	0.5% to 2.0%				
W2503	W2504	Sidewalk Running Slope	4	9.50	0.21	2.2%	0.5% to 5.0%				
W2503	W2506	Landing/Turning Space	4	4.60	-0.07	-1.5%	0.1% to 2.0%				
W2503	W2510	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2504	W2505	Match Existing Cross Slope	4	4.80	-0.02	-0.4%	Match Existing				
W2505	W2506	Sidewalk Running Slope	4	9.33	-0.26	-2.8%	0.5% to 5.0%				
W2506	W2507	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2506	W2600	Sidewalk Running Slope	4	52.51	-0.97	-1.8%	0.5% to 5.0%				
W2507	W2609	Sidewalk Running Slope	4	52.51	-0.83	-1.6%	0.5% to 5.0%				
W2507	W2508	Sidewalk Running Slope	4	6.00	0.03	0.5%	0.5% to 5.0%				
W2507	W2510	Landing/Turning Space	4	4.60	0.07	1.5%	0.1% to 2.0%				
W2508	W2509	Crosswalk Cross Slope - No Yield Condition	6	4.50	-0.02	-0.4%	0.0% to 5.0%				
W2509	W2510	Sidewalk Running Slope	4	6.00	0.06	1.0%	0.5% to 5.0%				
W2510	W2511	Sidewalk Running Slope	4	31.55	0.45	1.4%	0.5% to 5.0%				
W2511	W2512	Sidewalk Running Slope	4	5.44	-0.21	-3.9%	0.5% to 5.0%				
W2512	W2513	Sidewalk Running Slope	4	33.98	-0.10	-0.3%	0.5% to 5.0%				
W2600	W2601	Sidewalk Running Slope	4	29.77	-0.74	-2.5%	0.5% to 5.0%				
W2600	W2609	Sidewalk Cross Slope	4	5.99	0.07	1.2%	0.5% to 2.0%				
W2601	W2602	Sidewalk Running Slope	4	5.00	-0.12	-2.4%	0.5% to 5.0%				
W2601	W2608	Sidewalk Cross Slope	4	5.53	0.08	1.4%	0.5% to 2.0%				
W2614	W2603	Ramp Running Slope	6	15.40	0.33	2.1%	0.5% to 8.3%				
W2602	W2605	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2602	W2607	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2603	W2604	Match Existing Cross Slope	4	5.84	-0.98	-16.8%	Match Existing				
W2604	W2615	Ramp Running Slope	6	7.00	0.58	8.3%	0.5% to 8.3%	Yes			Slope required to match existing conditions
W2605	W2606	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2606	W2607	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2607	W2608	Sidewalk Running Slope	4	2.70	0.13	4.8%	0.5% to 5.0%	Yes			Slope required to match existing conditions
W2608	W2609	Sidewalk Running Slope	4	35.44	0.73	2.1%	0.5% to 5.0%				
W2602	W2610	Ramp Running Slope	6	17.40	-1.45	-8.3%	0.5% to 8.3%	Yes			Slope required to match existing conditions
W2610	W2611	Landing/Turning Space	4	5.00	-0.08	-1.6%	0.1% to 2.0%	Yes			Slope required to match existing conditions
W2610	W2613	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2605	W2613	Ramp Running Slope	6	17.40	-1.45	-8.3%	0.5% to 8.3%	Yes			Slope required to match existing conditions
W2612	W2613	Landing/Turning Space	4	5.00	0.08	1.6%	0.1% to 2.0%	Yes			Slope required to match existing conditions
W2611	W2612	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2611	W2614	Ramp Running Slope	6	15.40	-1.28	-8.3%	0.5% to 8.3%	Yes			Slope required to match existing conditions
W2612	W2615	Ramp Running Slope	6	15.40	-1.28	-8.3%	0.5% to 8.3%	Yes			Slope required to match existing conditions
W2614	W2615	Ramp Cross Slope	6	5.00	-0.07	-1.4%	0.1% to 2.0%				

FOR INFORMATION ONLY:
VALUES USED TO DETERMINE DESIGNED SLOPES

Point	Stationing	Offset	Elevation
W2500	16+71.94	0.00	867.13
W2501	17+05.97	0.00	867.23
W2502	17+10.98	0.00	867.44
W2503	17+42.74	0.00	866.99
W2504	17+43.14	-9.50	867.20
W2505	17+47.93	-9.30	867.18
W2506	17+47.42	0.00	866.92
W2507	17+47.15	5.00	866.85
W2508	17+46.82	11.00	866.88
W2509	17+41.80	10.87	866.86
W2510	17+42.54	5.00	866.92
W2511	17+10.98	5.00	867.37
W2512	17+05.53	5.00	867.16
W2513	16+71.55	5.00	867.06
W2600	17+99.64	0.00	865.95
W2601	18+29.71	0.00	865.21
W2602	18+34.79	0.00	865.09
W2603	18+34.79	-41.82	862.61
W2604	18+39.79	-44.84	861.63
W2605	18+39.79	0.00	865.02
W2606	18+39.79	5.00	865.09
W2607	18+34.79	5.00	865.16
W2608	18+32.06	5.00	865.29
W2609	17+96.64	5.00	866.02
W2610	18+34.79	-17.40	863.64
W2611	18+34.79	-22.40	863.56
W2612	18+39.79	-22.40	863.49
W2613	18+39.79	-17.40	863.57
W2614	18+34.79	-37.80	862.28
W2615	18+39.79	-37.80	862.21



113-10 and 113-10A
MODIFIED

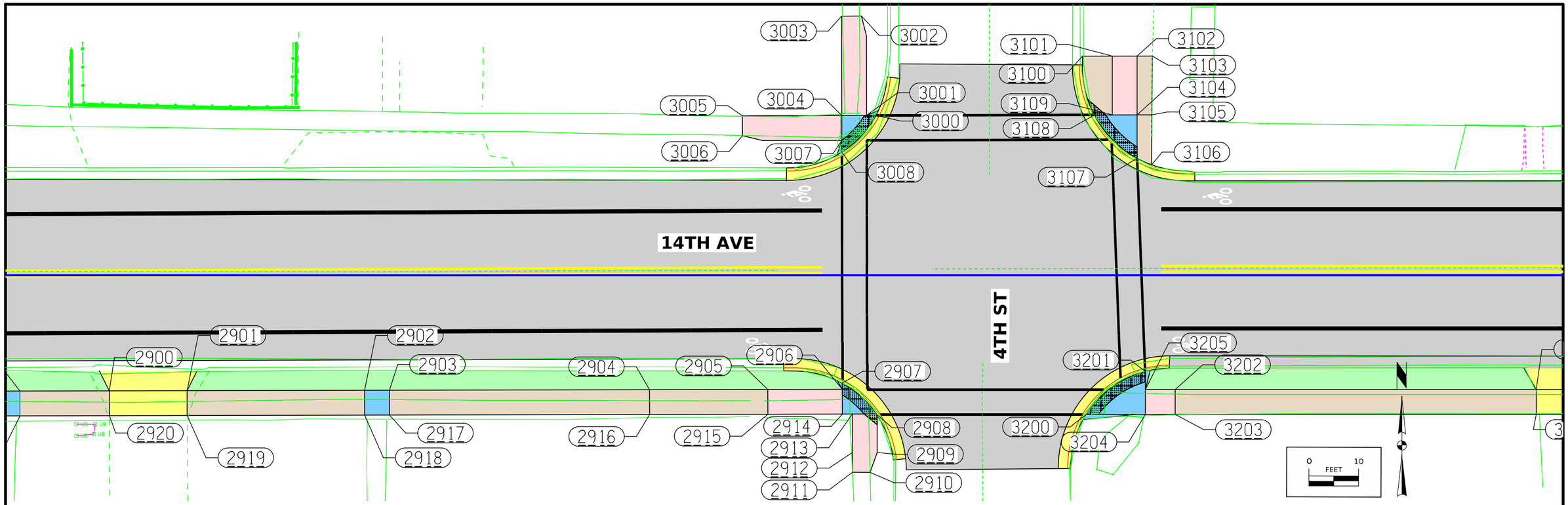
SIDEWALK COMPLIANCE

* 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
W2700	W2701	Ramp Running Slope	6	18.55	1.04	5.6%	0.5% to 8.3%				
W2700	W2706	Match Existing Cross Slope	6	10.00	-0.20	-2.0%	Match Existing				
W2701	W2702	Ramp Running Slope	6	20.00	0.57	2.9%	0.5% to 8.3%				
W2701	W2705	Sidewalk Cross Slope	6	10.00	-0.15	-1.5%	0.5% to 2.0%				
W2702	W2703	Landing/Turning Space	6	18.00	0.27	1.5%	0.1% to 2.0%				
W2702	W2704	Landing/Turning Space	6	9.20	-0.13	-1.4%	0.1% to 2.0%				
W2703	W2704	Crosswalk Cross Slope - Yield Condition	6	20.25	-0.40	-2.0%	0.0% to 2.0%				
W2704	W2705	Ramp Running Slope	6	10.00	-0.59	-5.9%	0.5% to 8.3%				
W2705	W2706	Ramp Running Slope	6	18.55	-1.09	-5.9%	0.5% to 8.3%				
W2800	W2801	Crosswalk Cross Slope - No Yield Condition	6	5.00	0.10	2.0%	0.0% to 5.0%				
W2800	W2824	Ramp Running Slope	6	4.50	0.35	7.8%	0.5% to 8.3%				
W2801	W2825	Ramp Running Slope	6	4.70	0.34	7.2%	0.5% to 8.3%				
W2802	W2803	Sidewalk Running Slope	6	11.77	0.54	4.6%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed
W2802	W2821	Ramp Cross Slope	6	5.00	0.07	1.4%	0.1% to 2.0%				
W2803	W2804	Sidewalk Running Slope	4	11.50	0.56	4.9%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed
W2803	W2820	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%				
W2804	W2805	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2804	W2819	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2805	W2807	Sidewalk Running Slope	4	26.50	1.07	4.0%	0.5% to 5.0%				
W2805	W2818	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2807	W2808	Sidewalk Running Slope	6	13.16	0.54	4.1%	0.5% to 5.0%				
W2807	W2816	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%				
W2808	W2810	Sidewalk Running Slope	4	61.17	2.72	4.4%	0.5% to 5.0%				
W2808	W2815	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%				
W2810	W2811	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2810	W2813	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2811	W2812	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%				
W2811	W2900	Sidewalk Running Slope	4	17.98	0.88	4.9%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed
W2812	W2920	Sidewalk Running Slope	4	17.98	0.88	4.9%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed
W2812	W2813	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2813	W2815	Sidewalk Running Slope	4	60.80	-2.72	-4.5%	0.5% to 5.0%				
W2815	W2816	Sidewalk Running Slope	6	12.90	-0.54	-4.2%	0.5% to 5.0%				
W2816	W2818	Sidewalk Running Slope	4	26.30	-1.07	-4.1%	0.5% to 5.0%				
W2818	W2819	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%				
W2819	W2820	Sidewalk Running Slope	4	12.40	-0.56	-4.5%	0.5% to 5.0%				
W2820	W2821	Sidewalk Running Slope	6	10.80	-0.54	-5.0%	0.5% to 5.0%	Yes			Proposed slope is maximum allowed
W2821	W2822	Ramp Running Slope	6	16.90	-1.32	-7.8%	0.5% to 8.3%				
W2822	W2823	Landing/Turning Space	4	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed
W2822	W2825	Landing/Turning Space	4	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed
W2823	W2824	Landing/Turning Space	4	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed
W2824	W2825	Landing/Turning Space	4	5.00	0.09	1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed
W2825	W2802	Ramp Running Slope	6	17.10	1.34	7.8%	0.5% to 8.3%				

FOR INFORMATION ONLY:
VALUES USED TO DETERMINE DESIGNED SLOPES

Point	Stationing	Offset	Elevation
W2700	201+06.87	-19.70	844.49
W2701	204+25.40	-18.90	845.53
W2702	201+35.39	-18.50	846.10
W2703	201+53.35	-17.70	846.37
W2704	201+35.00	-9.30	845.97
W2705	201+24.98	-8.90	845.38
W2706	201+06.44	-9.70	844.29
W2800	201+33.75	20.00	845.87
W2801	201+38.75	20.20	845.97
W2802	201+55.95	25.60	847.65
W2803	201+68.75	25.80	848.19
W2804	201+81.34	25.60	848.75
W2805	201+86.77	25.50	848.82
W2807	202+15.54	24.60	849.89
W2808	202+29.70	24.00	850.43
W2810	202+91.16	23.30	853.15
W2811	202+96.16	23.30	853.22
W2812	202+96.17	28.30	853.29
W2813	202+91.17	28.30	853.22
W2815	202+29.96	29.00	850.50
W2816	202+15.77	29.60	849.96
W2818	201+86.82	30.50	848.89
W2819	201+81.30	30.60	848.82
W2820	201+67.55	30.80	848.26
W2821	201+55.57	30.60	847.72
W2822	201+38.34	29.70	846.40
W2823	201+33.35	29.50	846.31
W2824	201+33.56	24.50	846.22
W2825	201+38.55	24.70	846.31



FILE NO. -	ENGLISH	DESIGN TEAM AECOM	CITY OF GILBERTVILLE COUNTY	PROJECT NUMBER STP-U-2905(601)--70-07	SHEET NUMBER S.17

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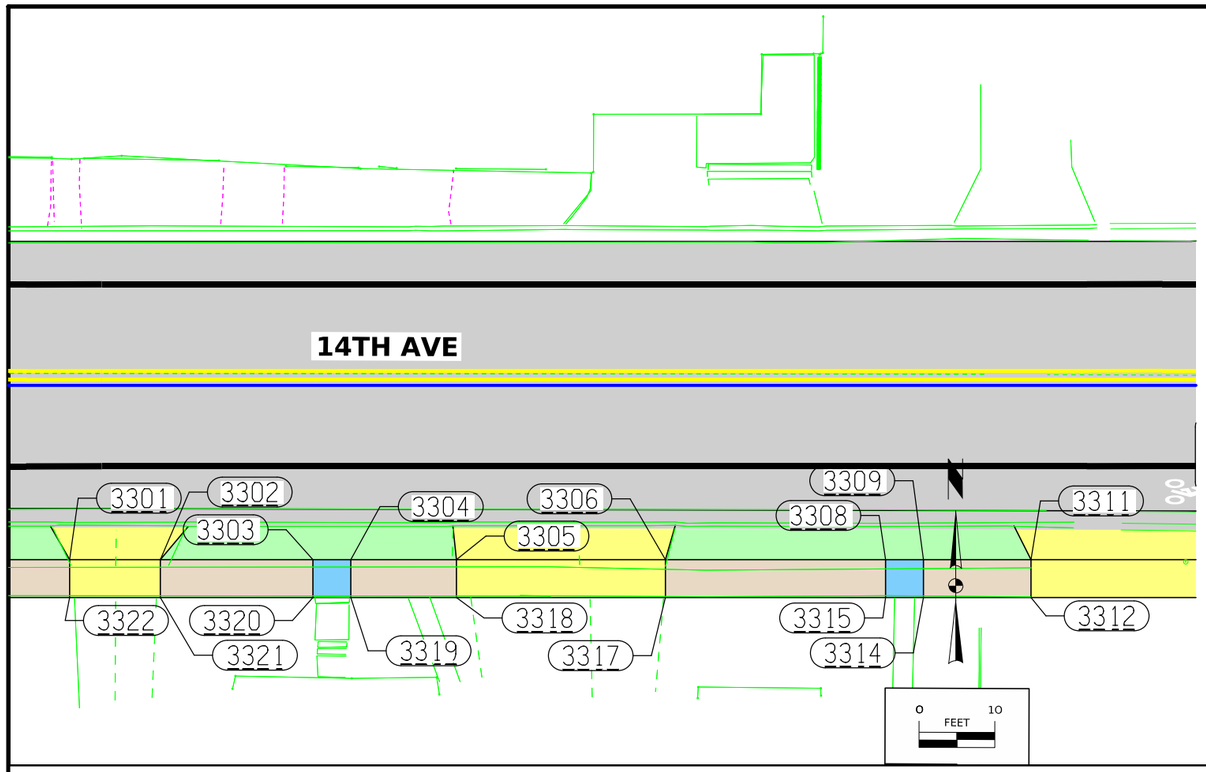
SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W2900	W2901	Sidewalk Running Slope	6	15.66	0.07	0.4%	0.5% to 5.0%					W2900	203+07.09	23.30	854.10
W2900	W2920	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W2901	203+14.14	23.30	854.17
W2901	W2902	Sidewalk Running Slope	4	35.70	0.80	2.2%	0.5% to 5.0%					W2902	203+29.81	23.30	854.97
W2901	W2919	Sidewalk Cross Slope	4	5.00	0.00	0.0%	0.5% to 2.0%					W2903	203+36.81	23.20	855.03
W2902	W2903	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%					W2904	203+65.51	23.14	855.69
W2902	W2918	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%					W2905	203+70.51	23.13	855.45
W2903	W2904	Sidewalk Running Slope	4	52.35	0.66	1.3%	0.5% to 5.0%					W2906	204+38.79	23.00	854.51
W2903	W2917	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W2907	204+54.04	23.00	854.51
W2904	W2905	Sidewalk Running Slope	4	23.80	-0.24	-1.0%	0.5% to 5.0%					W2908	204+61.67	21.70	854.33
W2904	W2916	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W2909	204+68.51	27.90	854.79
W2905	W2906	Ramp Running Slope	6	23.80	-0.94	-3.9%	0.5% to 8.3%					W2910	204+61.68	27.90	855.00
W2905	W2915	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W2911	204+54.04	27.90	855.10
W2906	W2907	Landing/Turning Space	4	1.23	0.00	0.0%	0.1% to 2.0%					W2912	204+63.71	35.67	854.86
W2906	W2914	Landing/Turning Space	4	5.00	-0.09	-1.8%	0.1% to 2.0%	Yes			Proposed slope is maximum allowed	W2913	204+38.79	28.00	854.40
W2907	W2908	Crosswalk Cross Slope - Yield Condition	6	9.24	-0.18	-1.9%	0.0% to 2.0%					W2914	203+70.52	28.13	854.42
W2907	W2908	Crosswalk Cross Slope - Yield Condition	6	9.24	-0.18	-1.9%	0.0% to 2.0%					W2915	203+65.52	28.14	855.52
W2908	W2909	Ramp Running Slope	6	7.74	0.46	5.9%	0.5% to 8.3%					W2916	203+36.82	28.20	855.76
W2908	W2913	Landing/Turning Space	4	4.82	0.07	1.5%	0.1% to 2.0%					W2917	203+29.82	28.20	855.10
W2909	W2910	Ramp Running Slope	6	4.24	0.21	5.0%	0.5% to 8.3%					W2918	203+14.15	28.30	855.03
W2910	W2911	Match Existing Cross Slope	4	4.00	0.10	2.5%	Match Existing					W2919	203+07.09	28.30	854.17
W2911	W2912	Ramp Running Slope	6	4.00	-0.24	-6.0%	0.5% to 8.3%					W2920	204+61.67	23.10	854.17
W2912	W2913	Ramp Running Slope	6	7.70	-0.46	-6.0%	0.5% to 8.3%								
W2913	W2914	Landing/Turning Space	4	2.00	0.02	1.0%	0.1% to 2.0%								
W2914	W2915	Ramp Running Slope	6	15.00	1.10	7.3%	0.5% to 8.3%								
W2915	W2916	Sidewalk Running Slope	4	23.80	0.24	1.0%	0.5% to 5.0%								
W2916	W2917	Sidewalk Running Slope	4	52.35	-0.66	-1.3%	0.5% to 5.0%								
W2917	W2918	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								
W2918	W2919	Sidewalk Running Slope	4	35.70	-0.86	-2.4%	0.5% to 5.0%								
W2919	W2920	Sidewalk Running Slope	6	15.66	0.00	0.0%	0.5% to 5.0%								
W3000	W3001	Match Existing Cross Slope	4	1.86	0.06	3.2%	Match Existing					W3000	204+68.44	-32.16	854.20
W3000	W3008	Crosswalk Cross Slope - Yield Condition	6	10.08	0.20	2.0%	0.0% to 2.0%					W3001	204+66.57	-32.16	854.26
W3001	W3002	Ramp Running Slope	6	20.00	1.35	6.8%	0.5% to 8.3%					W3002	204+65.53	-52.15	855.61
W3001	W3004	Landing/Turning Space	4	5.00	0.04	0.8%	0.1% to 2.0%					W3003	204+61.52	-52.14	855.69
W3002	W3003	Match Existing Cross Slope	4	4.00	0.08	2.0%	Match Existing					W3004	204+61.57	-32.14	854.30
W3003	W3004	Ramp Running Slope	6	20.00	-1.39	-7.0%	0.5% to 8.3%					W3005	204+41.57	-32.10	855.68
W3004	W3005	Ramp Running Slope	6	20.00	1.38	6.9%	0.5% to 8.3%					W3006	204+41.58	-28.10	855.68
W3004	W3007	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3007	204+61.56	-27.10	854.37
W3005	W3006	Match Existing Cross Slope	4	4.00	0.00	0.0%	Match Existing					W3008	204+61.59	-24.76	854.40
W3006	W3007	Ramp Running Slope	6	20.00	-1.31	-6.5%	0.5% to 8.3%								
W3007	W3008	Landing/Turning Space	4	2.28	0.03	1.3%	0.1% to 2.0%								
W3100	W3101	Match Existing Cross Slope	4	6.00	-0.05	-0.8%	Match Existing					W3100	205+10.00	-44.07	854.27
W3100	W3108	Sidewalk Running Slope	4	12.17	-0.50	-4.1%	0.5% to 5.0%					W3101	205+16.01	-44.10	854.22
W3101	W3102	Match Existing Cross Slope	4	5.00	-0.05	-1.0%	Match Existing					W3102	205+21.01	-44.10	854.17
W3101	W3109	Ramp Running Slope	6	11.80	-0.50	-4.2%	0.5% to 8.3%					W3103	205+24.05	-44.10	854.14
W3102	W3103	Match Existing Cross Slope	4	3.00	-0.03	-1.0%	Match Existing					W3104	205+21.01	-32.30	853.66
W3102	W3104	Sidewalk Running Slope	4	11.80	-0.51	-4.3%	0.5% to 5.0%					W3105	205+23.98	-32.30	853.78
W3103	W3105	Match Existing Cross Slope	4	11.80	-0.36	-3.1%	Match Existing					W3106	205+23.91	-22.20	853.30
W3105	W3104	Sidewalk Running Slope	4	3.00	-0.12	-4.0%	0.5% to 5.0%					W3107	205+21.01	-23.50	853.53
W3105	W3106	Match Existing Cross Slope	4	10.00	-0.48	-4.8%	Match Existing					W3108	205+12.38	-32.20	853.77
W3104	W3109	Landing/Turning Space	4	5.00	0.06	1.2%	0.1% to 2.0%					W3109	205+16.01	-32.20	853.72
W3104	W3107	Landing/Turning Space	4	8.70	-0.13	-1.5%	0.1% to 2.0%								
W3106	W3107	Sidewalk Running Slope	4	3.17	0.23	7.3%	0.5% to 8.3%								
W3107	W3108	Crosswalk Cross Slope - Yield Condition	6	12.30	0.24	2.0%	0.0% to 2.0%								
W3108	W3109	Landing/Turning Space	4	3.60	-0.05	-1.4%	0.1% to 2.0%								
W3200	W3201	Crosswalk Cross Slope - Yield Condition	6	15.00	-0.30	-2.0%	0.0% to 2.0%					W3200	205+10.78	28.00	853.18
W3200	W3204	Landing/Turning Space	4	11.90	-0.18	-1.5%	0.1% to 2.0%					W3201	205+22.67	19.40	852.88
W3201	W3205	Landing/Turning Space	4	3.61	0.05	1.4%	0.1% to 2.0%					W3202	205+28.67	23.00	853.36
W3202	W3203	Ramp Cross Slope	6	5.00	0.07	1.4%	0.1% to 2.0%					W3203	205+28.67	28.00	853.43
W3202	W3205	Ramp Running Slope	6	8.80	-0.43	-4.9%	0.5% to 8.3%					W3204	205+22.67	28.00	853.00
W3203	W3204	Ramp Running Slope	6	8.80	-0.43	-4.9%	0.5% to 8.3%					W3205	205+22.67	23.00	852.93
W3204	W3205	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%								



113-10 and 113-10A
MODIFIED

SIDEWALK COMPLIANCE

* 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			
												Point	Stationing	Offset	Elevation
W3301	W3302	Sidewalk Running Slope	6	11.96	-0.54	-4.5%	0.5% to 5.0%					W3301	206+01.33	23.00	850.09
W3301	W3322	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W3302	206+13.30	23.00	849.55
W3302	W3303	Sidewalk Running Slope	4	20.15	-0.90	-4.5%	0.5% to 5.0%					W3303	206+33.45	23.00	848.65
W3302	W3321	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W3304	206+88.45	23.00	848.58
W3303	W3304	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W3305	206+52.38	23.00	847.95
W3303	W3320	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3306	206+79.97	23.00	846.71
W3304	W3305	Sidewalk Running Slope	4	13.92	-0.63	-4.5%	0.5% to 5.0%					W3308	207+09.03	23.00	845.41
W3304	W3319	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3309	207+14.03	23.00	845.34
W3305	W3306	Sidewalk Running Slope	6	27.58	-1.24	-4.5%	0.5% to 5.0%					W3311	207+28.21	23.00	844.78
W3305	W3318	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W3312	207+28.21	28.00	844.85
W3306	W3308	Sidewalk Running Slope	4	29.00	-1.30	-4.5%	0.5% to 5.0%					W3314	207+14.03	28.00	845.41
W3306	W3317	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W3315	207+09.03	28.00	845.48
W3308	W3309	Landing/Turning Space	4	5.00	-0.07	-1.4%	0.1% to 2.0%					W3317	206+79.97	28.00	846.78
W3308	W3315	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3318	206+52.38	28.00	848.02
W3309	W3311	Sidewalk Running Slope	4	14.17	-0.56	-4.0%	0.5% to 5.0%					W3319	206+38.45	28.00	848.65
W3309	W3314	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%					W3320	206+20.30	28.00	848.72
W3311	W3312	Sidewalk Cross Slope	4	5.00	0.07	1.4%	0.5% to 2.0%					W3321	206+13.30	28.00	849.62
W3311	W0205	Sidewalk Running Slope	6	27.83	-1.11	-4.0%	0.5% to 5.0%					W3322	206+01.33	28.00	850.16
W3312	W0204	Sidewalk Running Slope	6	27.83	-1.25	-4.5%	0.5% to 5.0%								
W3312	W3314	Sidewalk Running Slope	4	14.17	0.56	4.0%	0.5% to 5.0%								
W3314	W3315	Landing/Turning Space	4	5.00	0.07	1.4%	0.1% to 2.0%								
W3315	W3317	Sidewalk Running Slope	4	29.00	1.30	4.5%	0.5% to 5.0%								
W3317	W3318	Sidewalk Running Slope	6	27.58	1.24	4.5%	0.5% to 5.0%								
W3318	W3319	Sidewalk Running Slope	4	13.92	0.63	4.5%	0.5% to 5.0%								
W3319	W3320	Sidewalk Running Slope	4	5.00	0.07	1.4%	0.5% to 5.0%								
W3320	W3321	Sidewalk Running Slope	4	20.15	0.90	4.5%	0.5% to 5.0%								
W3321	W3322	Sidewalk Running Slope	6	11.96	0.54	4.5%	0.5% to 5.0%								